

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016945.D
 Acq On : 24 Jun 2020 12:46
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 24 13:09:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 12:24:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	205619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	355005	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369660	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	162795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	466038	177.97	ug/l	0.00
Spiked Amount			Recovery	=	355.94%	
35) Dibromofluoromethane	5.46	113	361702	158.30	ug/l	0.00
Spiked Amount			Recovery	=	316.60%	
50) Toluene-d8	8.70	98	1333577	147.49	ug/l	0.00
Spiked Amount			Recovery	=	294.98%	
62) 4-Bromofluorobenzene	11.12	95	528657	150.13	ug/l	0.00
Spiked Amount			Recovery	=	300.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	307401	131.497	ug/l	99
3) Chloromethane	1.31	50	320639	126.946	ug/l	96
4) Vinyl Chloride	1.39	62	312414	113.484	ug/l	99
5) Bromomethane	1.62	94	172686	103.857	ug/l	97
6) Chloroethane	1.69	64	220233	125.873	ug/l	99
7) Trichlorofluoromethane	1.90	101	547478	136.341	ug/l	98
8) Diethyl Ether	2.17	74	206372	132.187	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	301889	140.315	ug/l	100
10) Methyl Iodide	2.49	142	438251	201.292	ug/l	98
11) Tert butyl alcohol	3.04	59	480930	1062.098	ug/l	99
12) 1,1-Dichloroethene	2.35	96	305368	139.617	ug/l	98
13) Acrolein	2.28	56	326753	1116.843	ug/l	99
14) Allyl chloride	2.70	41	635361	203.126	ug/l	99
15) Acrylonitrile	3.12	53	1069086	1046.437	ug/l	99
16) Acetone	2.43	43	852702	886.411	ug/l	99
17) Carbon Disulfide	2.54	76	969600	164.237	ug/l	100
18) Methyl Acetate	2.75	43	438789	184.977	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1240111	190.326	ug/l	98
20) Methylene Chloride	2.83	84	394319	176.747	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	376231	176.183	ug/l	93
22) Diisopropyl ether	3.83	45	1263247	209.179	ug/l	99
23) Vinyl Acetate	3.79	43	5688558	1127.070	ug/l	99
24) 1,1-Dichloroethane	3.67	63	699229	191.670	ug/l	99
25) 2-Butanone	4.64	43	1510075	1126.102	ug/l	98
26) 2,2-Dichloropropane	4.55	77	614693	182.404	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	432116	179.860	ug/l	100
28) Bromochloromethane	4.98	49	311756	203.269	ug/l	99
29) Tetrahydrofuran	5.09	42	971409	1137.790	ug/l	99
30) Chloroform	5.18	83	699916	182.596	ug/l	99
31) Cyclohexane	5.55	56	584530	180.764	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	649301	180.228	ug/l	99
36) 1,1-Dichloropropene	5.77	75	519131	155.540	ug/l	99
37) Ethyl Acetate	4.80	43	595274	194.933	ug/l	99
38) Carbon Tetrachloride	5.75	117	559427	151.072	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	596453	156.935	ug/l	97
40) Benzene	6.12	78	1503846	151.060	ug/l	99
41) Methacrylonitrile	5.01	41	330942	198.969	ug/l	99
42) 1,2-Dichloroethane	6.17	62	597827	165.891	ug/l	100
43) Isopropyl Acetate	6.42	43	1013579	193.026	ug/l	99
44) Trichloroethene	7.19	130	396945	137.503	ug/l	98
45) 1,2-Dichloropropane	7.49	63	394463	156.452	ug/l	99
46) Dibromomethane	7.64	93	280050	164.024	ug/l	98
47) Bromodichloromethane	7.88	83	599678	164.767	ug/l	97
48) Methyl methacrylate	7.75	41	501325	199.688	ug/l	97
49) 1,4-Dioxane	7.72	88	200967	3668.026	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	2980503	937.232	ug/l	99
52) Toluene	8.77	92	923781	140.737	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	689304	172.499	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	692632	162.455	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	406628	165.697	ug/l	98
56) Ethyl methacrylate	9.16	69	667852	187.451	ug/l	99
57) 1,3-Dichloropropane	9.35	76	694236	165.368	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1612461	933.971	ug/l	100
59) 2-Hexanone	9.48	43	2265101	979.600	ug/l	100
60) Dibromochloromethane	9.57	129	441423	150.860	ug/l	100
61) 1,2-Dibromoethane	9.65	107	415402	154.694	ug/l	97
64) Tetrachloroethene	9.32	164	352949	106.163	ug/l	98
65) Chlorobenzene	10.12	112	1094010	144.919	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	415357	141.531	ug/l	99
67) Ethyl Benzene	10.24	91	1997024	154.219	ug/l	100
68) m/p-Xylenes	10.34	106	1461342	291.953	ug/l	98
69) o-Xylene	10.68	106	709531	152.683	ug/l	97
70) Styrene	10.70	104	1247576	157.584	ug/l	99
71) Bromoform	10.84	173	343887	140.802	ug/l	98
73) Isopropylbenzene	11.00	105	1769090	166.079	ug/l	100
74) N-amyl acetate	10.88	43	904265	226.474	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	583107	187.690	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	538814m	174.233	ug/l	
77) Bromobenzene	11.24	156	439074	153.875	ug/l	99
78) n-propylbenzene	11.35	91	2258391	188.187	ug/l	99
79) 2-Chlorotoluene	11.41	91	1244710	169.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1554685	169.950	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	226519	178.249	ug/l	97
82) 4-Chlorotoluene	11.49	91	1525188	173.840	ug/l	99
83) tert-Butylbenzene	11.76	119	1557313	171.472	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1653477	175.112	ug/l	99
85) sec-Butylbenzene	11.93	105	1840214	173.904	ug/l	100
86) p-Isopropyltoluene	12.05	119	1647270	171.700	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	833430	160.622	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	786394	148.869	ug/l	98
89) n-Butylbenzene	12.37	91	1568052	187.091	ug/l	100
90) Hexachloroethane	12.58	117	334444	190.929	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	783813	154.963	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	148416	204.134	ug/l	98

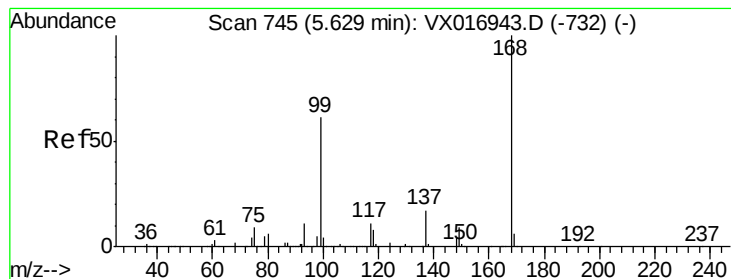
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	532404	162.362	ug/l	97
94) Hexachlorobutadiene	13.77	225	193698	133.216	ug/l	95
95) Naphthalene	13.82	128	1899084	190.522	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	530447	164.034	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

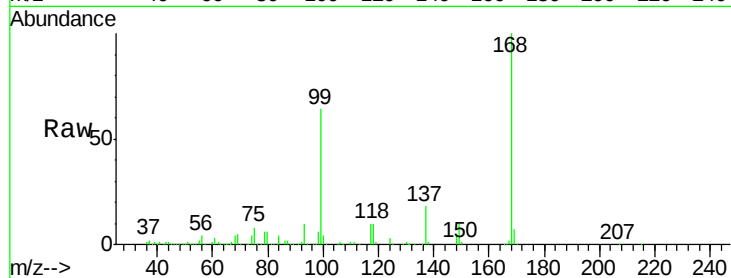
VSTDIC150

Tot Ion:168 Resp: 205619

Ion Ratio Lower Upper

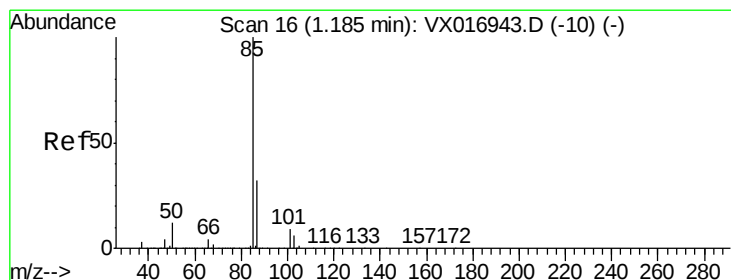
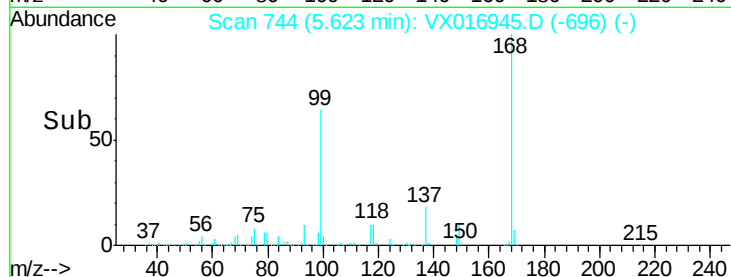
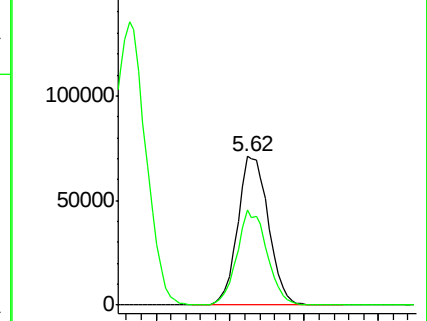
168 100

99 64.0 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 131.497 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016945.D

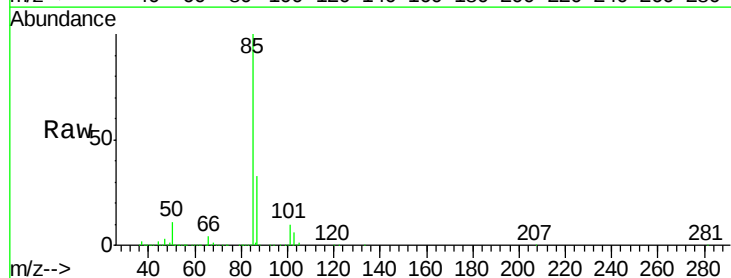
Acq: 24 Jun 2020 12:46

Tgt Ion: 85 Resp: 307401

Ion Ratio Lower Upper

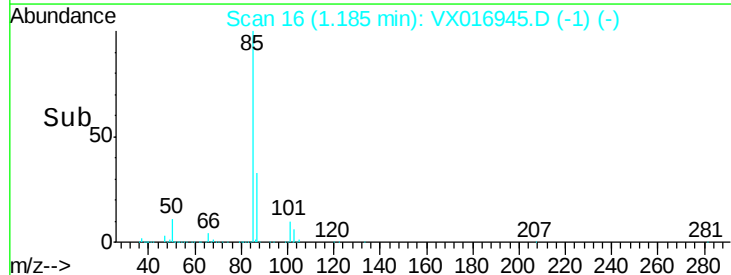
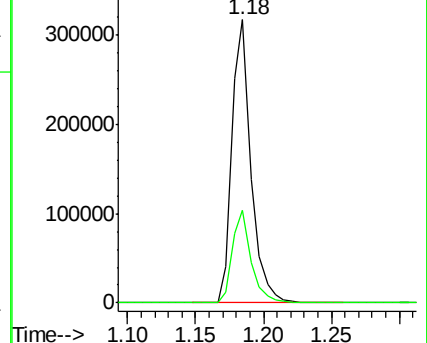
85 100

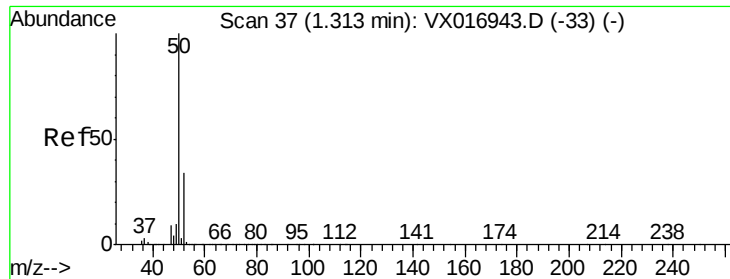
87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 126.946 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

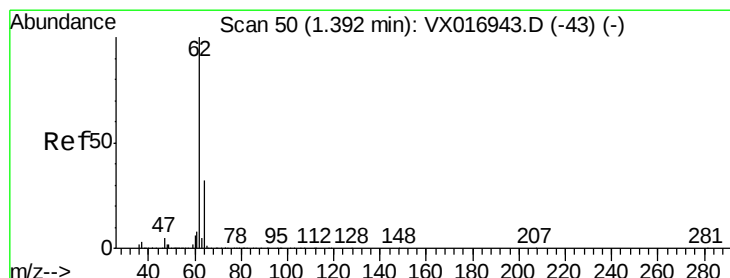
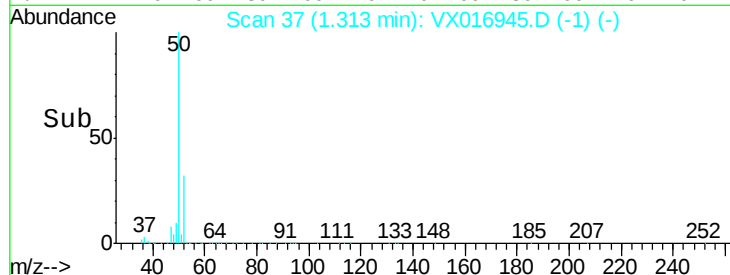
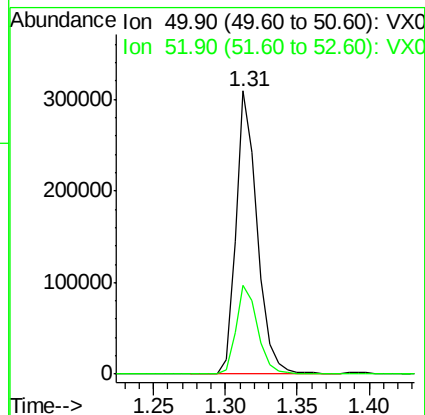
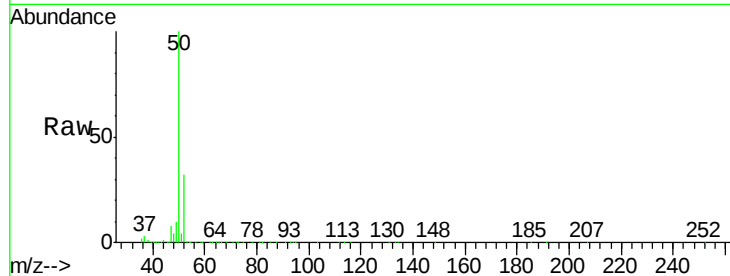
VSTDIC150

Tot Ion: 50 Resp: 320639

Ion Ratio Lower Upper

50 100

52 31.6 27.2 40.8



#4

Vinyl Chloride

Concen: 113.484 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016945.D

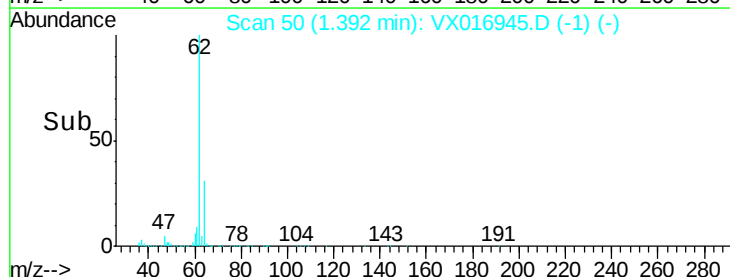
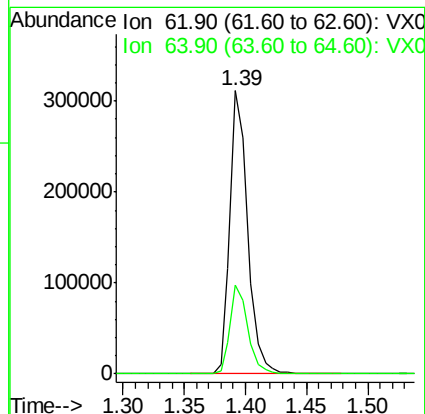
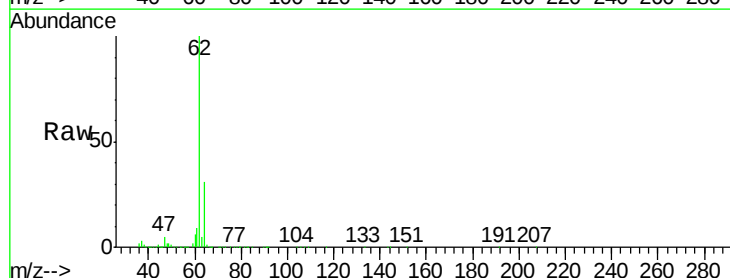
Acq: 24 Jun 2020 12:46

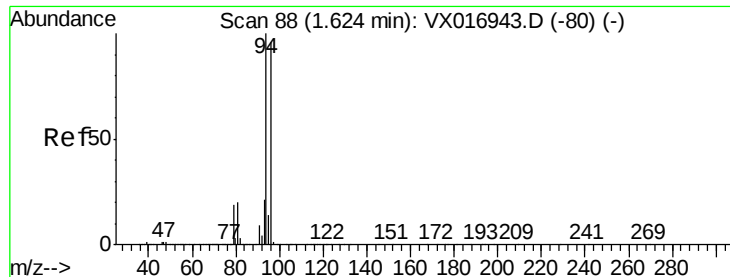
Tgt Ion: 62 Resp: 312414

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 103.857 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

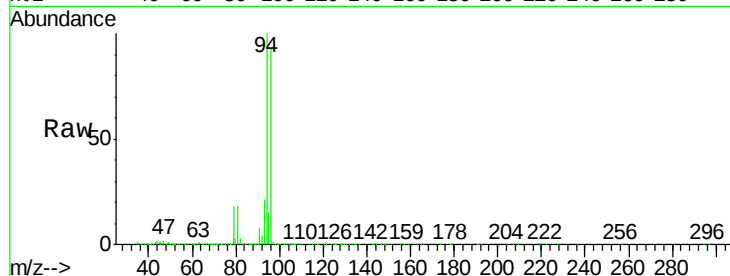
VSTDIC150

Tot Ion: 94 Resp: 172686

Ion Ratio Lower Upper

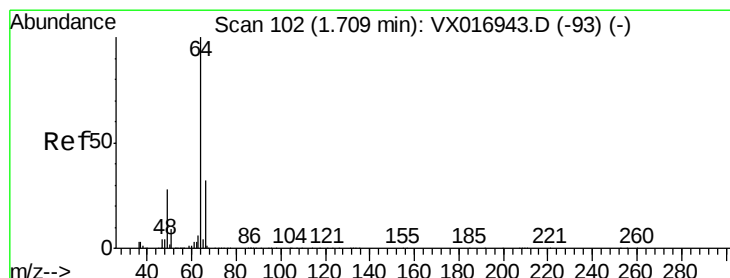
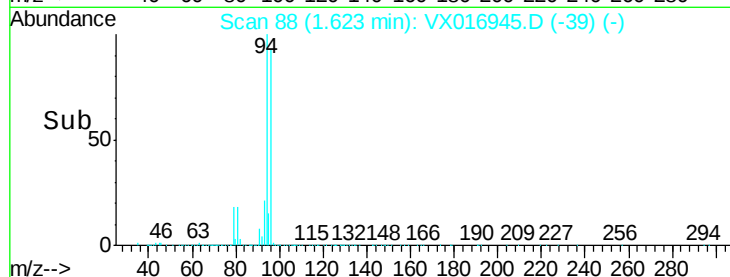
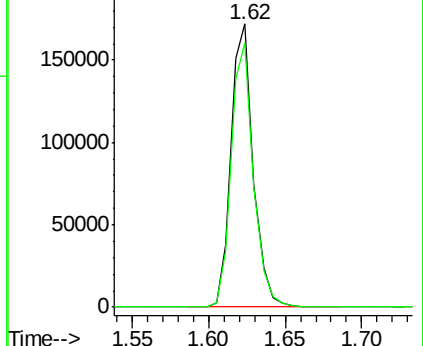
94 100

96 93.3 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 125.873 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX016945.D

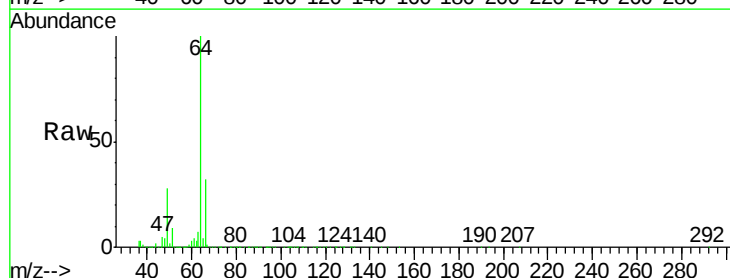
Acq: 24 Jun 2020 12:46

Tgt Ion: 64 Resp: 220233

Ion Ratio Lower Upper

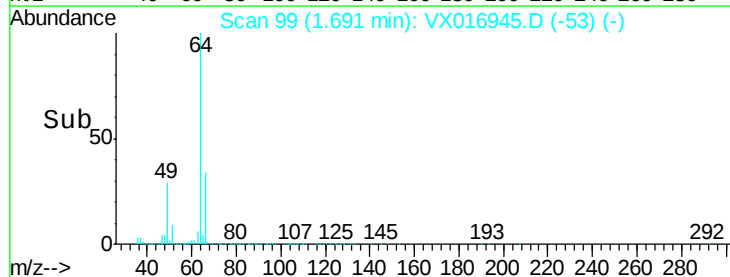
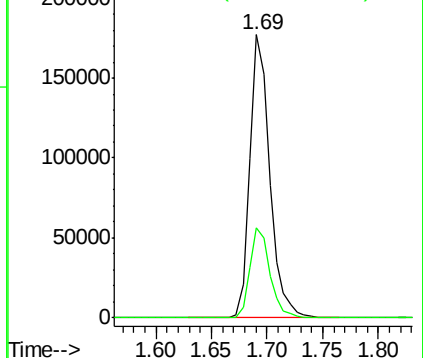
64 100

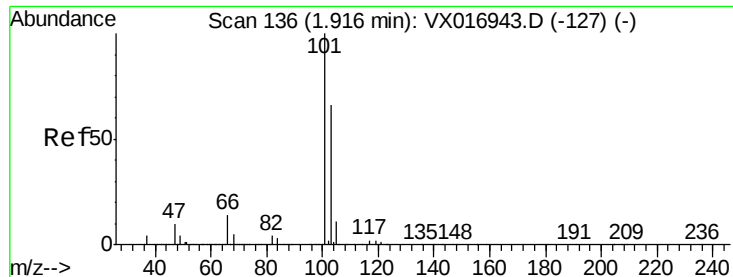
66 32.0 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



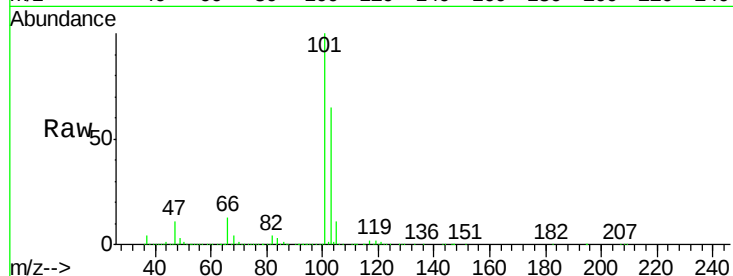


#7

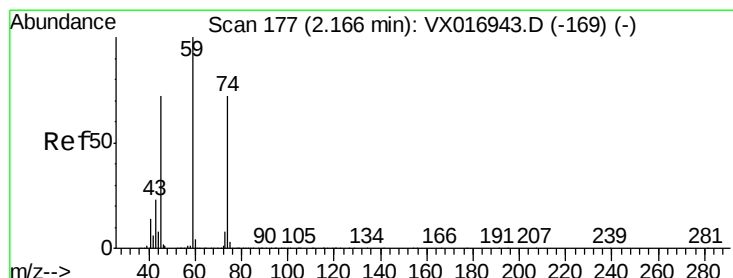
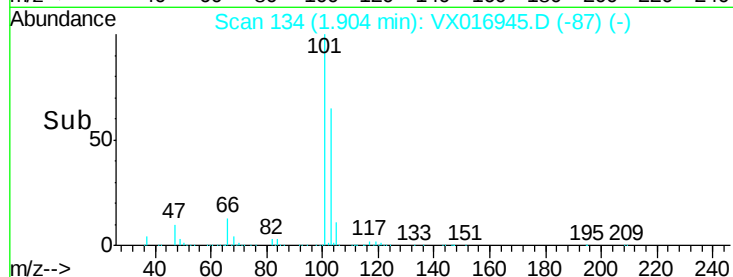
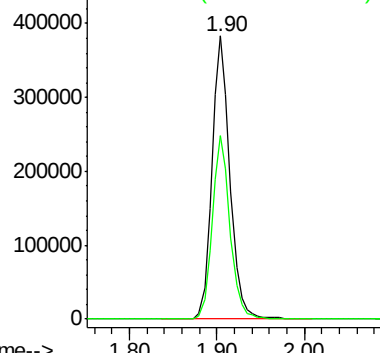
Trichlorofluoromethane
Concen: 136.341 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:101 Resp: 547478
Ion Ratio Lower Upper
101 100
103 64.9 53.0 79.4



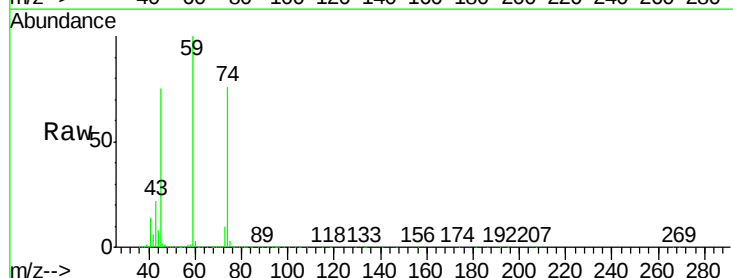
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



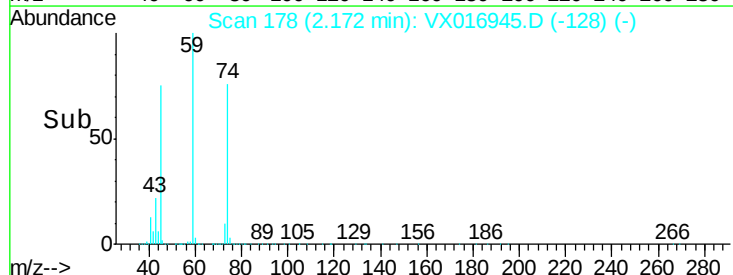
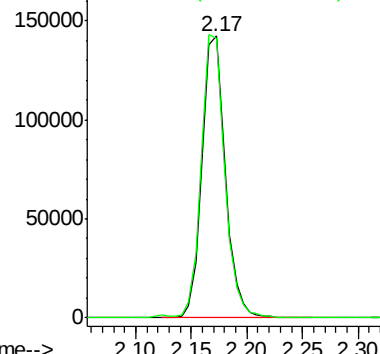
#8

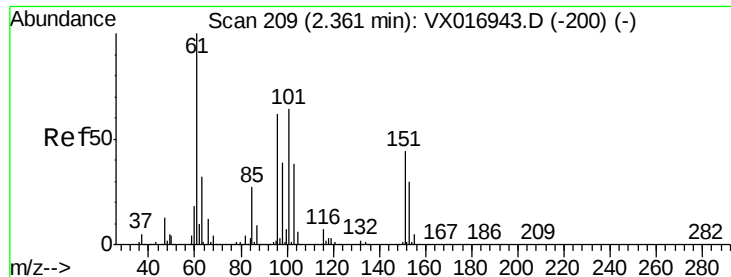
Diethyl Ether
Concen: 132.187 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 74 Resp: 206372
Ion Ratio Lower Upper
74 100
45 100.8 49.1 147.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.315 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

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ClientSampleId :

VSTDIC150

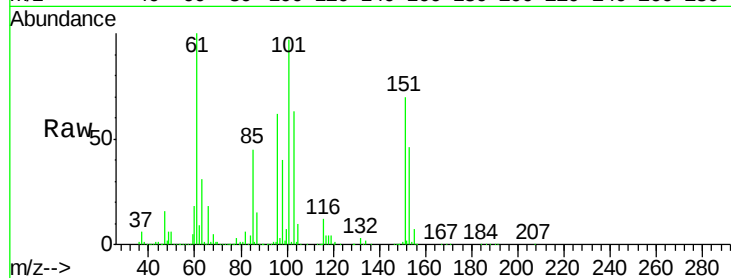
Tot Ion:101 Resp: 301889

Ion Ratio Lower Upper

101 100

85 45.4 36.7 55.1

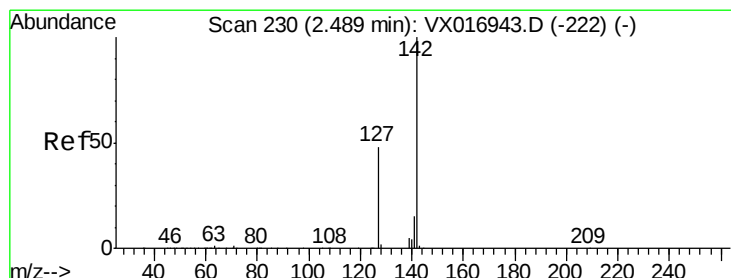
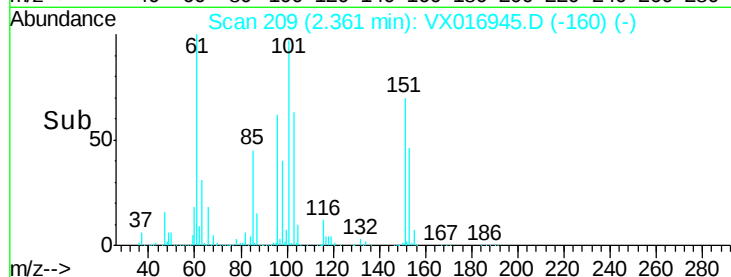
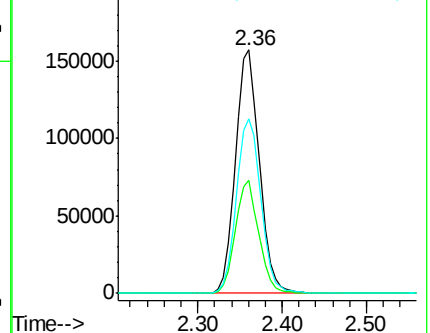
151 72.9 58.2 87.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 201.292 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

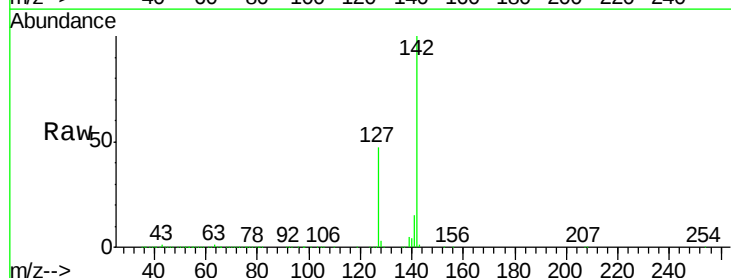
Tgt Ion:142 Resp: 438251

Ion Ratio Lower Upper

142 100

127 46.6 38.5 57.7

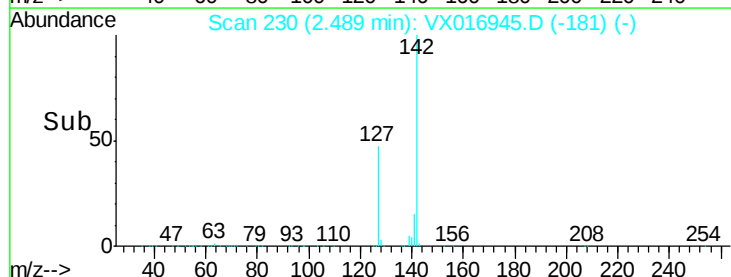
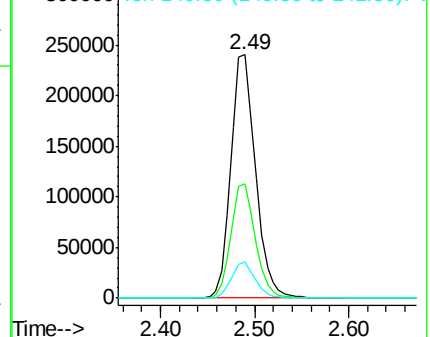
141 14.4 12.0 18.0

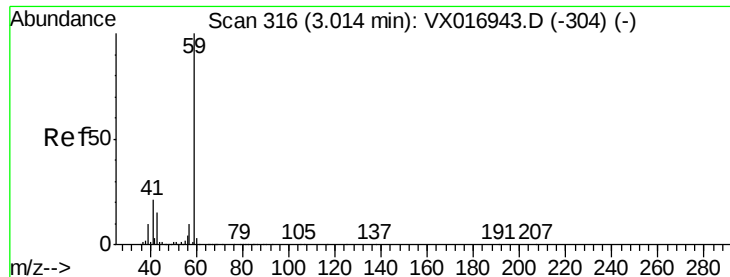


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



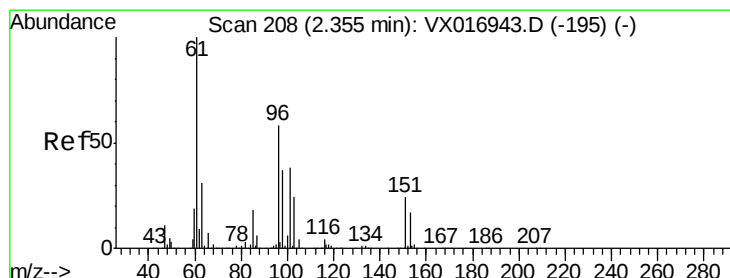
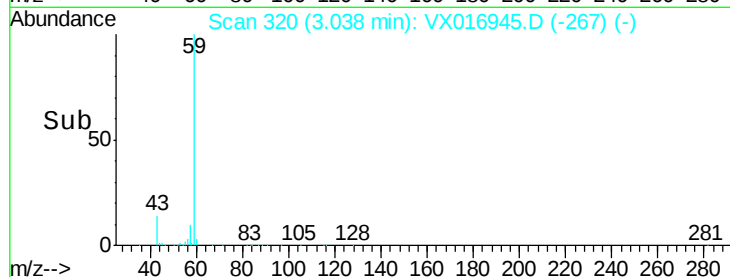
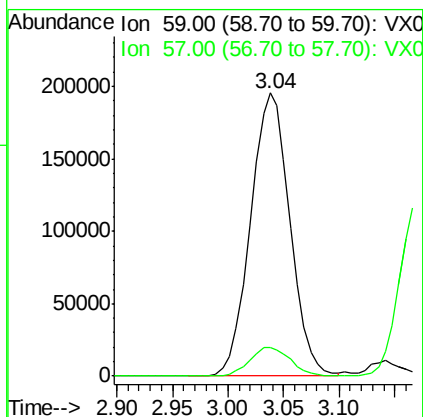
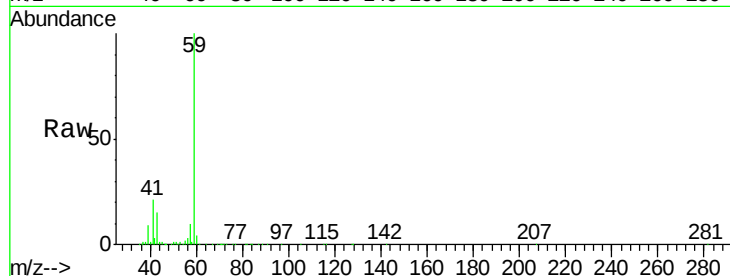


#11

Tert butyl alcohol
Concen: 1062.098 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

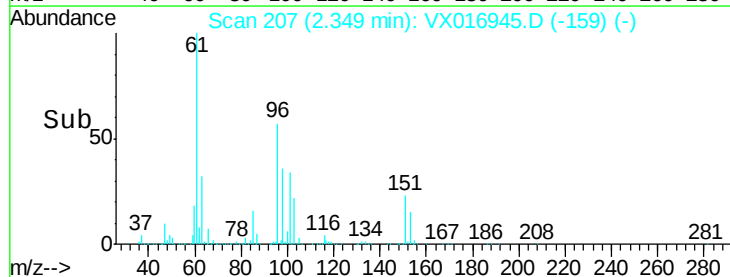
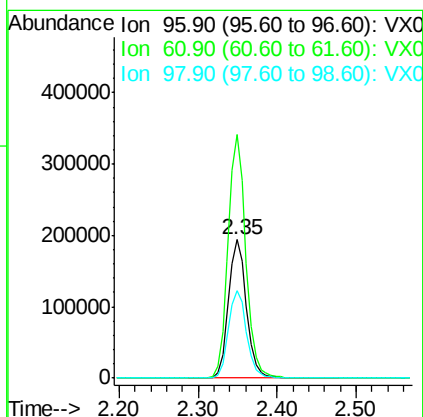
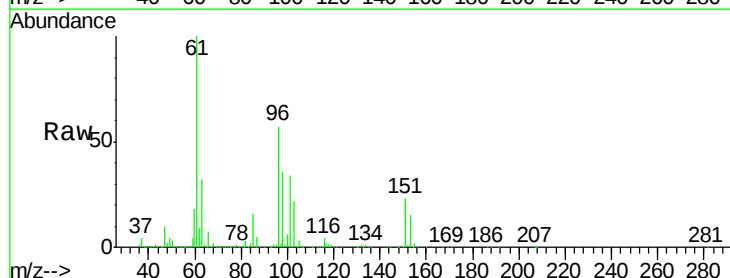
Tot Ion: 59 Resp: 480930
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2

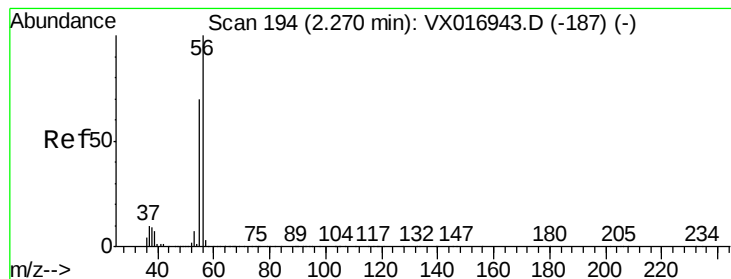


#12

1,1-Dichloroethene
Concen: 139.617 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 96 Resp: 305368
Ion Ratio Lower Upper
96 100
61 176.0 138.6 208.0
98 62.9 51.1 76.7





#13

Acrolein

Concen: 1116.843 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

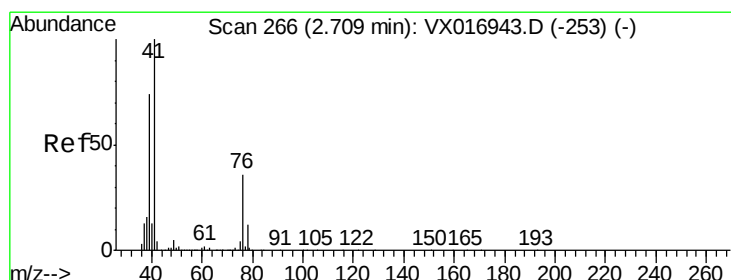
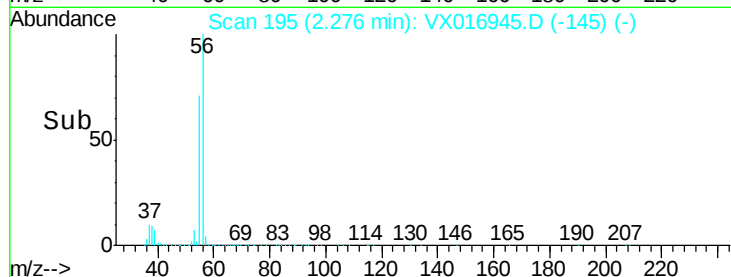
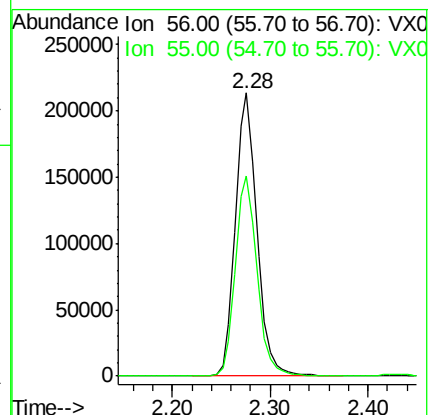
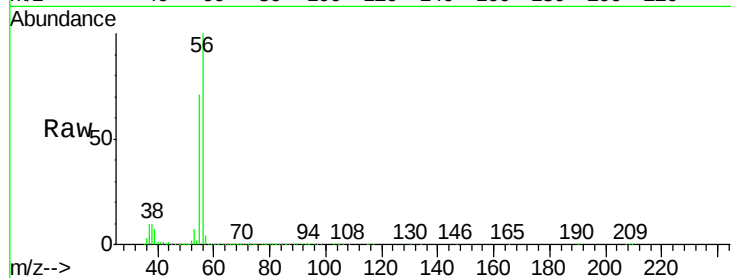
VSTDIC150

Tot Ion: 56 Resp: 326753

Ion Ratio Lower Upper

56 100

55 70.7 55.9 83.9



#14

Allyl chloride

Concen: 203.126 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

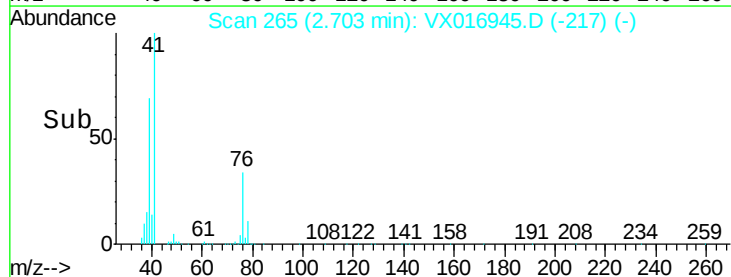
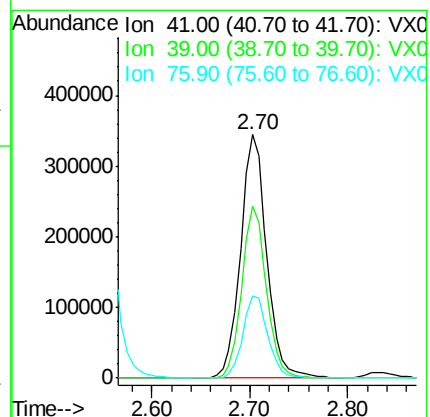
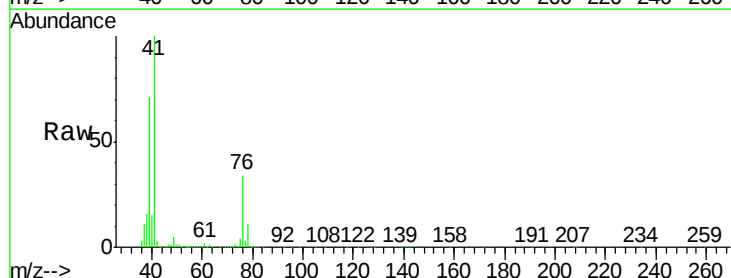
Tgt Ion: 41 Resp: 635361

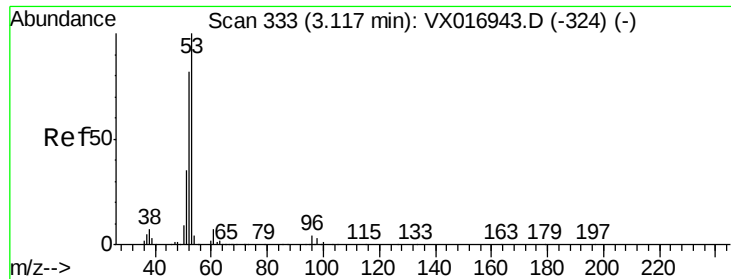
Ion Ratio Lower Upper

41 100

39 66.8 54.5 81.7

76 32.3 26.1 39.1





#15

Acrylonitrile

Concen: 1046.437 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

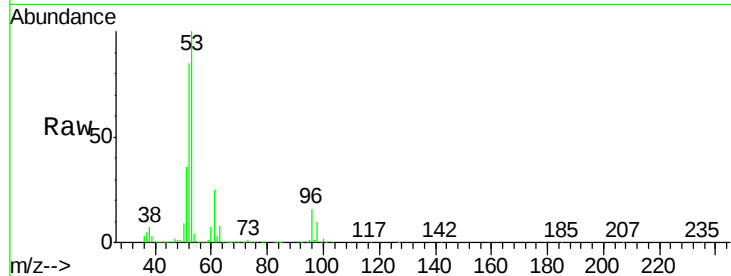
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1069086

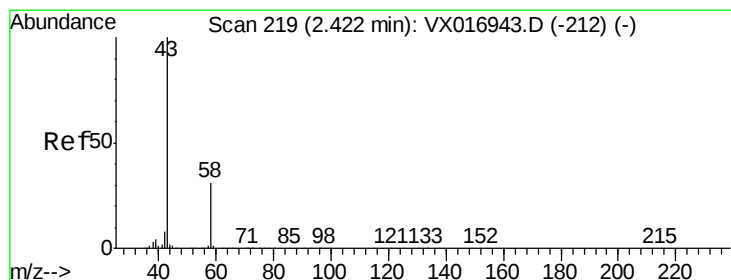
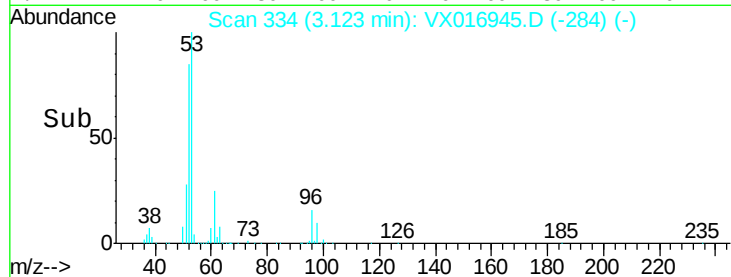
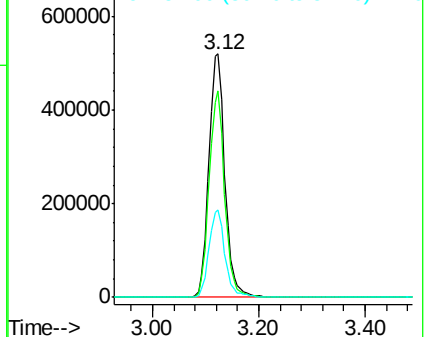
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.9	29.0	43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 886.411 ug/l

RT: 2.43 min Scan# 220

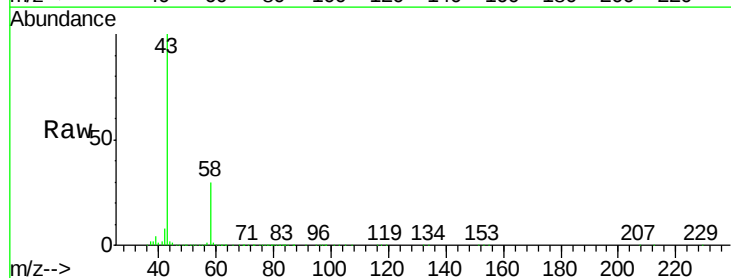
Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

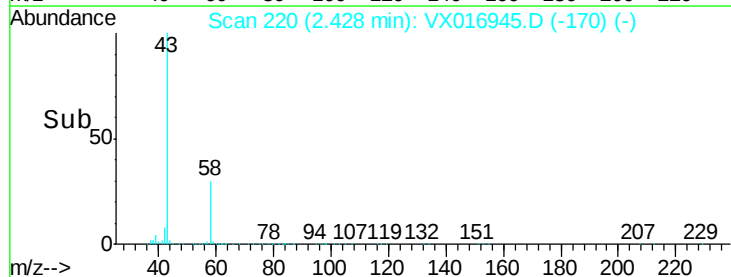
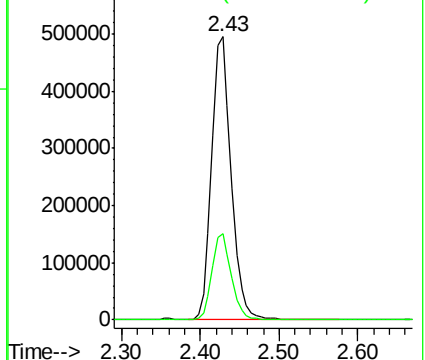
Tgt Ion: 43 Resp: 852702

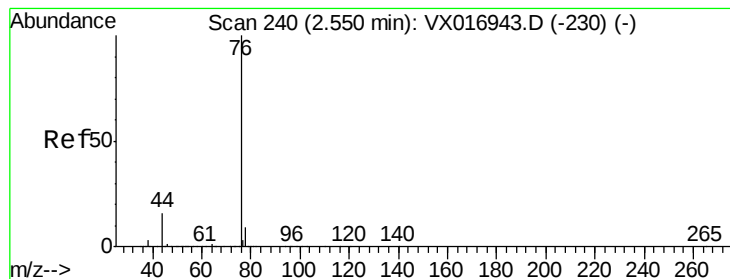
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.0	37.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 164.237 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

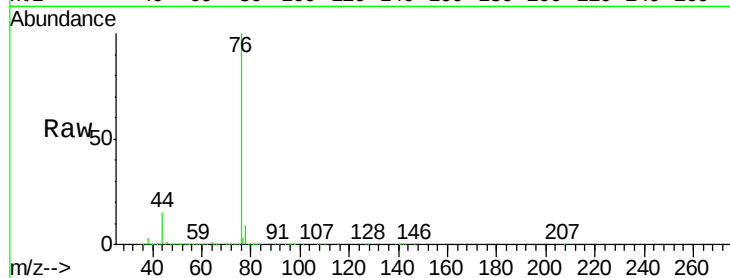
VSTDIC150

Tot Ion: 76 Resp: 969600

Ion Ratio Lower Upper

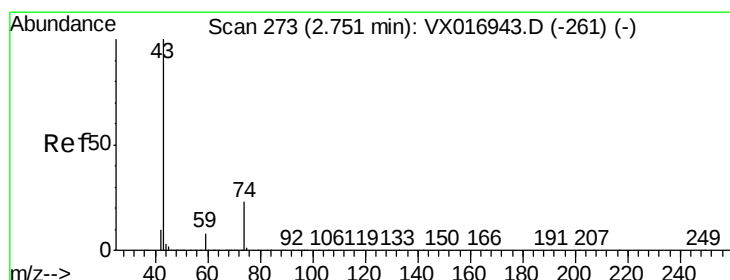
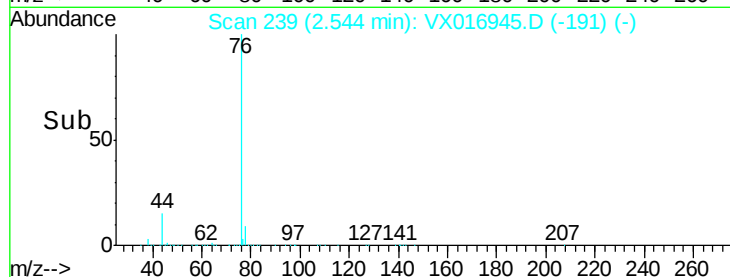
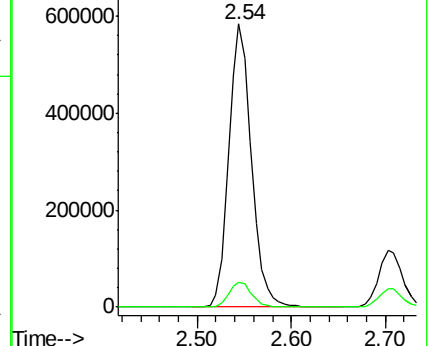
76 100

78 8.9 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 184.977 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016945.D

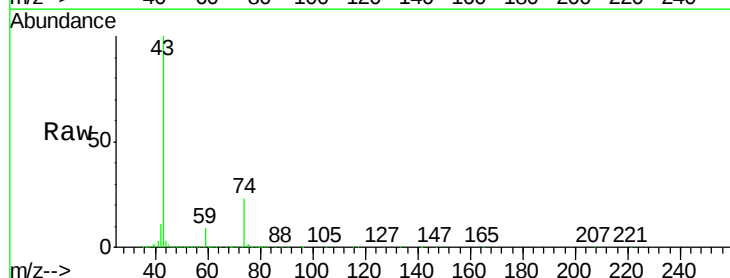
Acq: 24 Jun 2020 12:46

Tgt Ion: 43 Resp: 438789

Ion Ratio Lower Upper

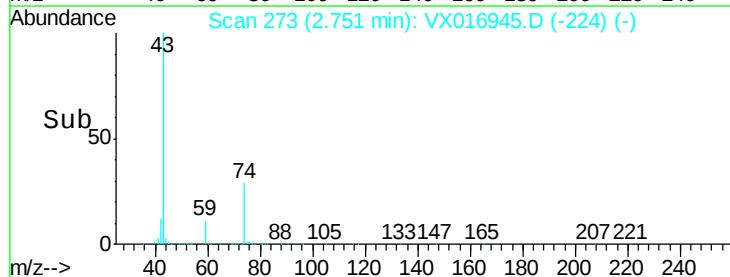
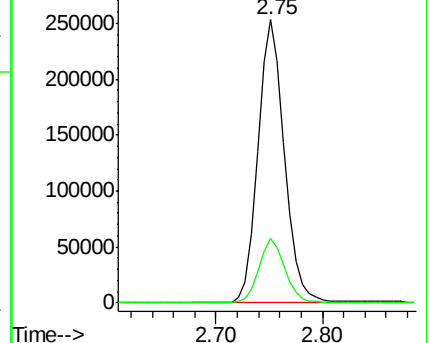
43 100

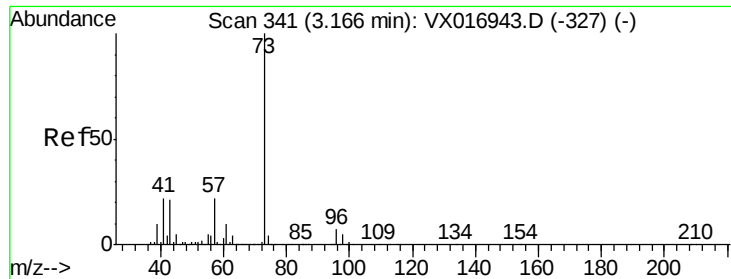
74 23.2 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether
 Concen: 190.326 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

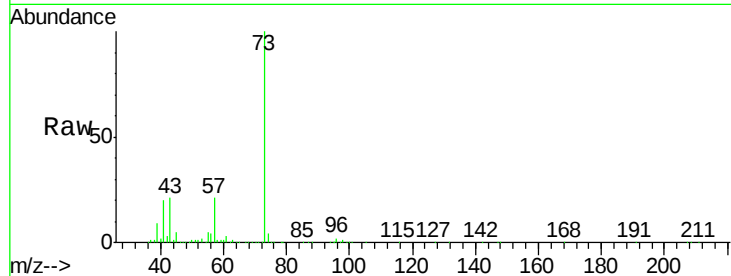
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1240111

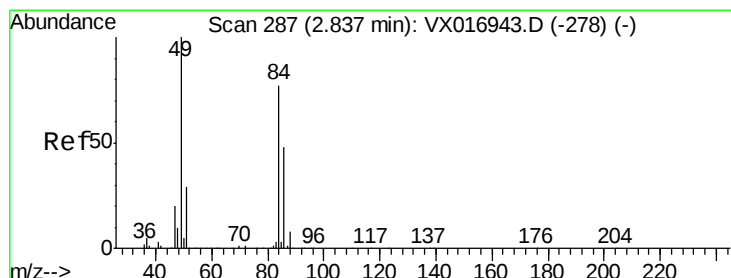
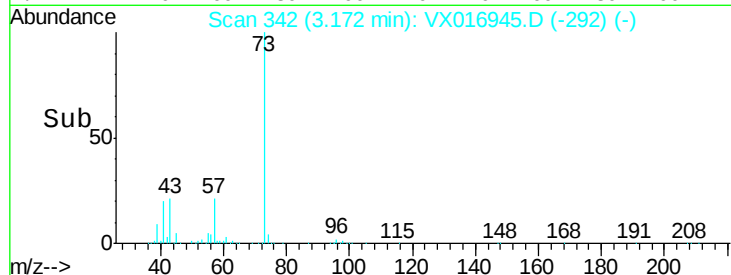
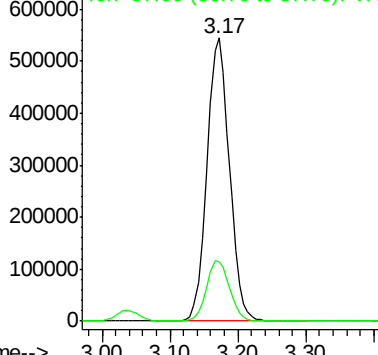
Ion Ratio Lower Upper

73 100

57 21.1 17.6 26.4



Abundance Ion 73.00 (72.70 to 73.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride
 Concen: 176.747 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion: 84 Resp: 394319

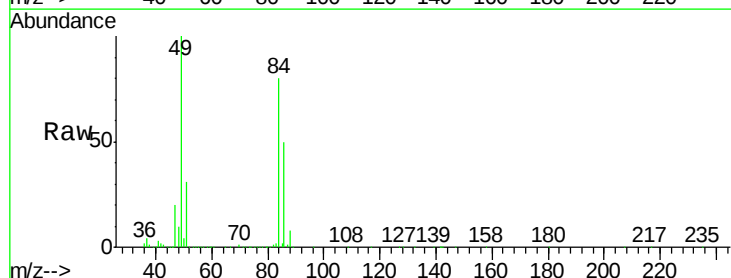
Ion Ratio Lower Upper

84 100

49 125.4 103.7 155.5

51 39.1 29.9 44.9

86 62.7 49.3 73.9

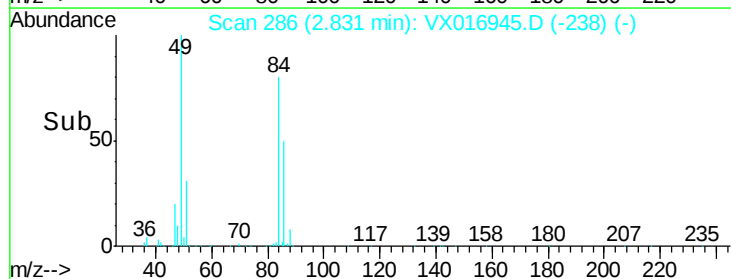
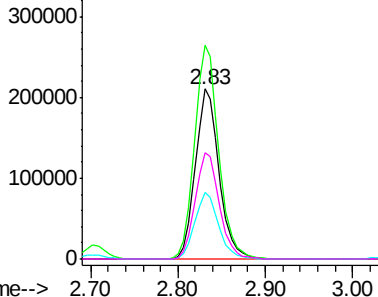


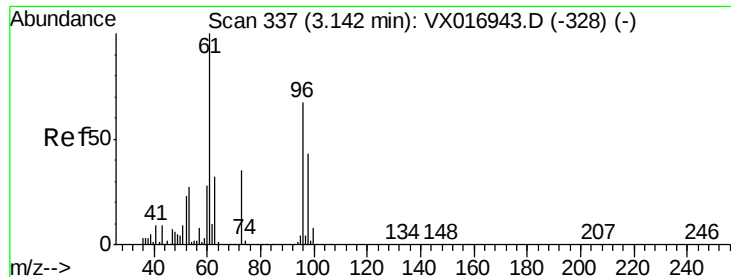
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 176.183 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

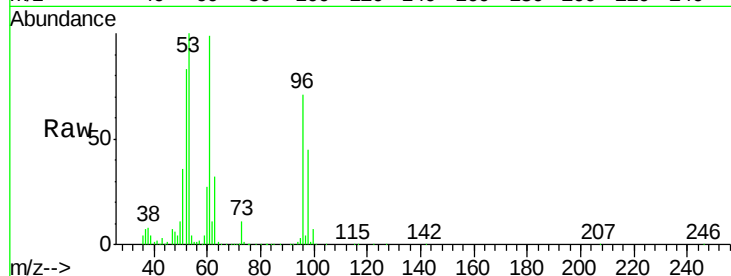
Tot Ion: 96 Resp: 376231

Ion Ratio Lower Upper

96 100

61 138.6 120.1 180.1

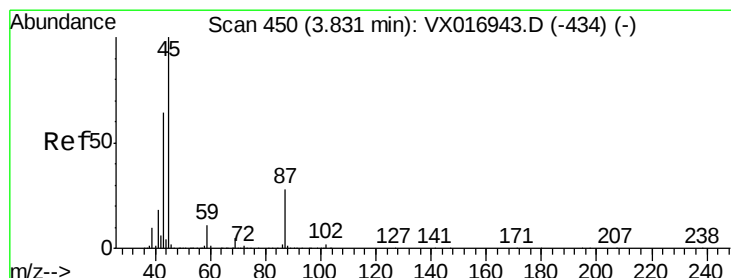
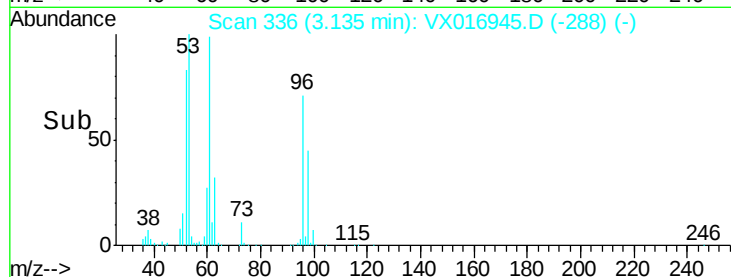
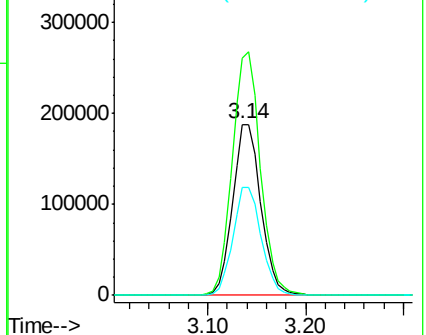
98 63.1 52.1 78.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 209.179 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Tgt Ion: 45 Resp: 1263247

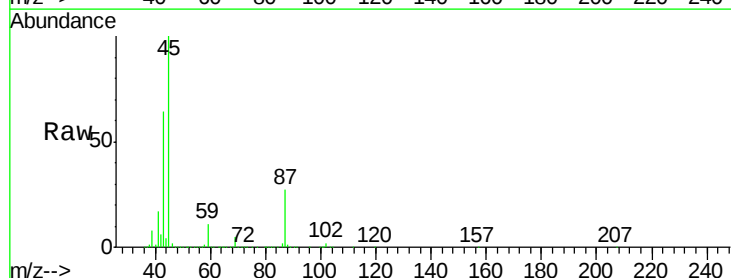
Ion Ratio Lower Upper

45 100

43 64.0 51.2 76.8

87 26.9 22.2 33.4

59 10.9 9.0 13.6

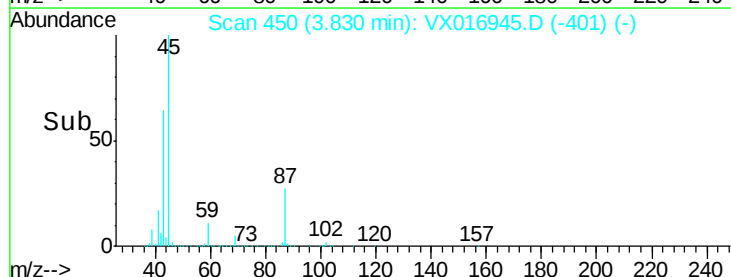
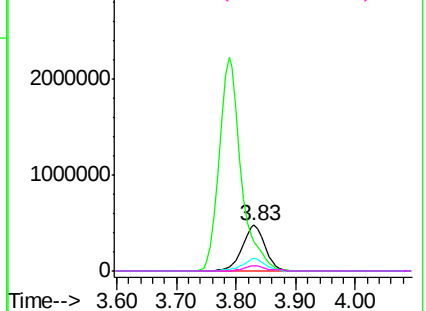


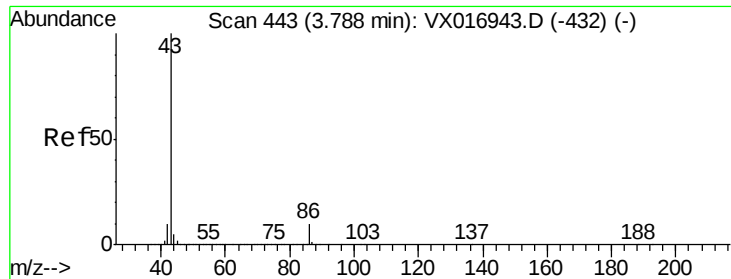
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

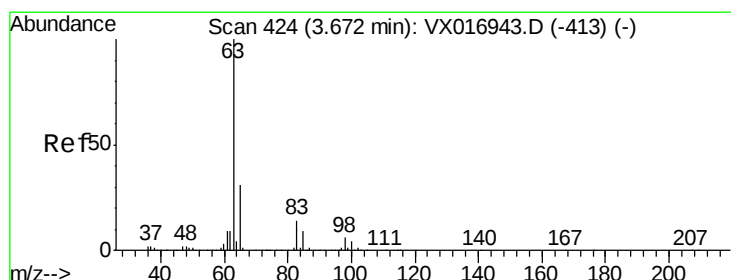
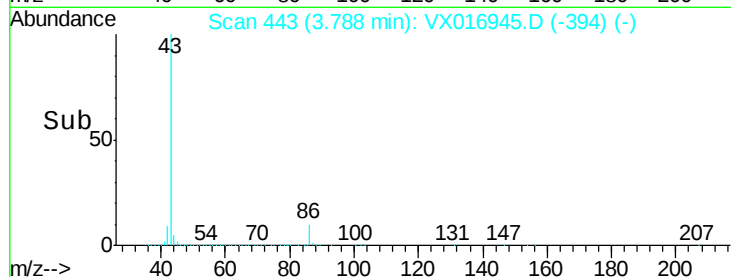
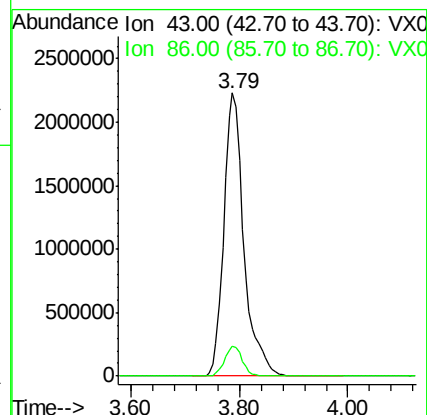
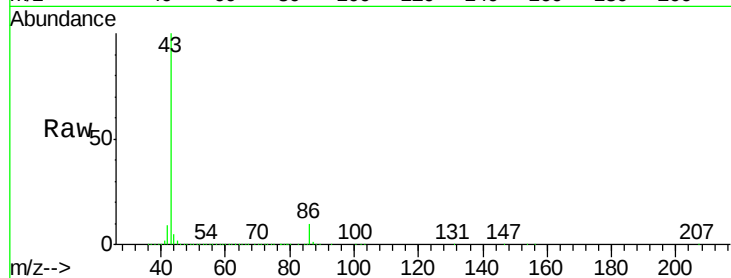




#23
 Vinyl Acetate
 Concen: 1127.070 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

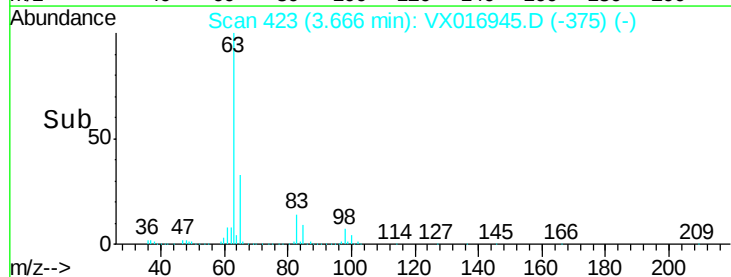
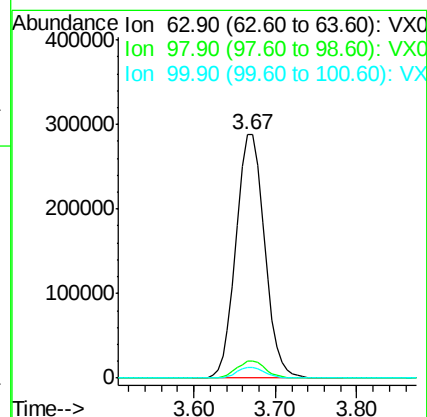
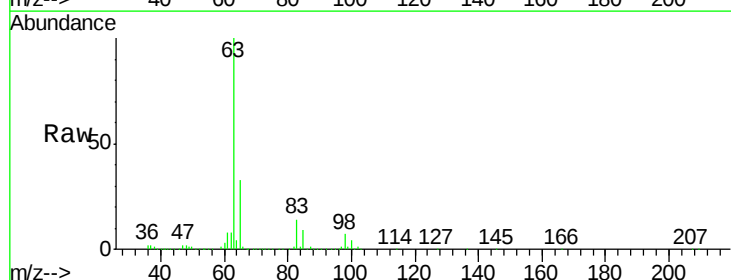
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

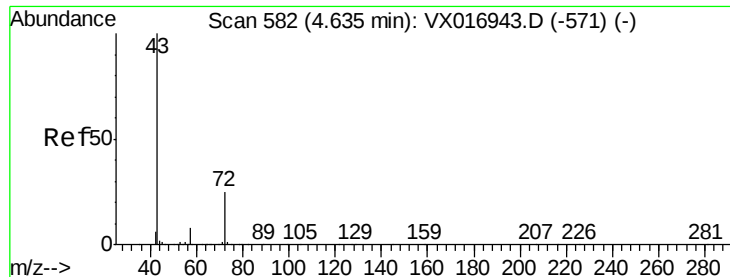
Tot Ion: 43 Resp: 5688558
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 191.670 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion: 63 Resp: 699229
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.2 9.6
 100 4.3 2.1 6.5





#25

2-Butanone

Concen: 1126.102 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

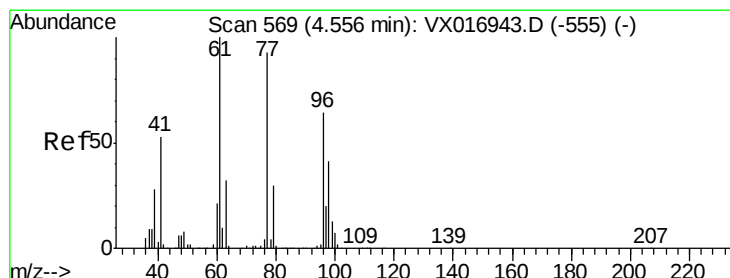
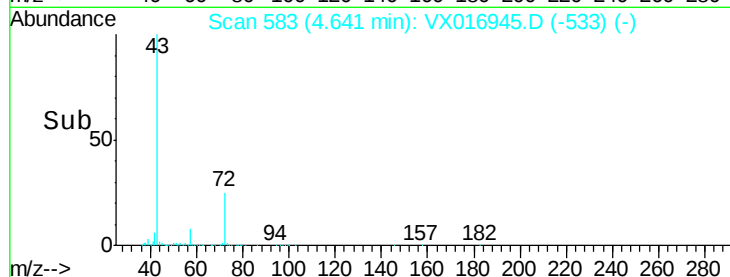
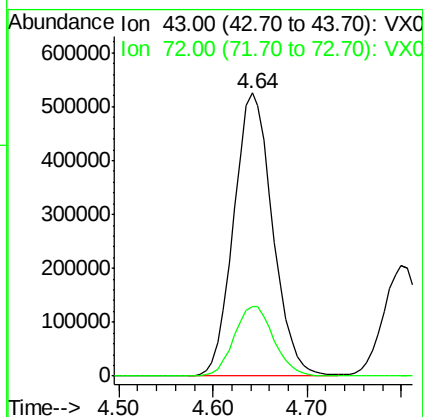
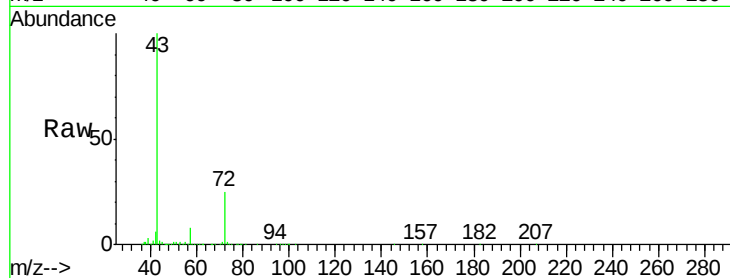
VSTDIC150

Tot Ion: 43 Resp: 1510075

Ion Ratio Lower Upper

43 100

72 24.5 20.6 30.8



#26

2,2-Dichloropropane

Concen: 182.404 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016945.D

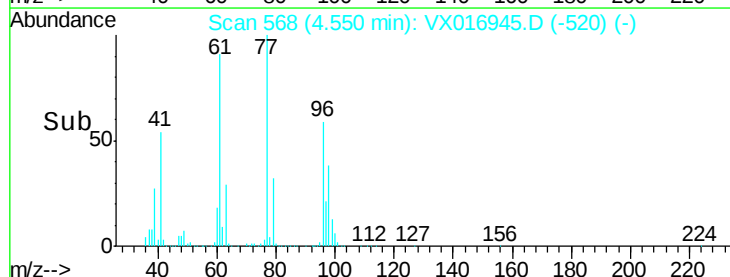
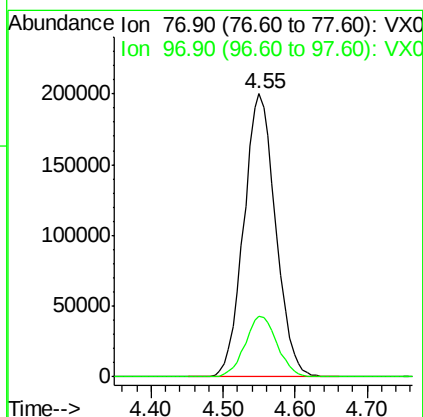
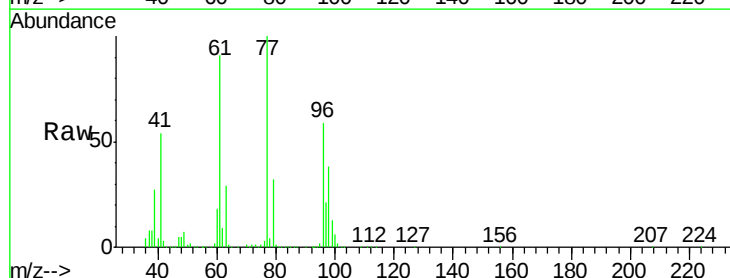
Acq: 24 Jun 2020 12:46

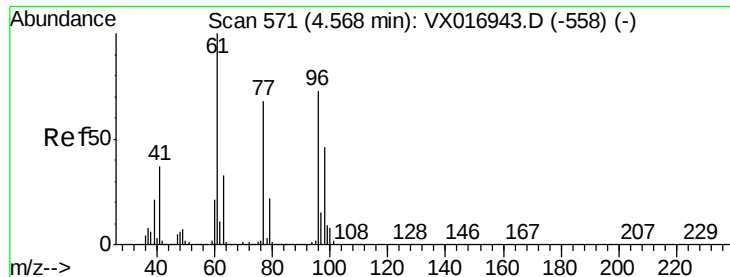
Tgt Ion: 77 Resp: 614693

Ion Ratio Lower Upper

77 100

97 21.6 10.7 32.1



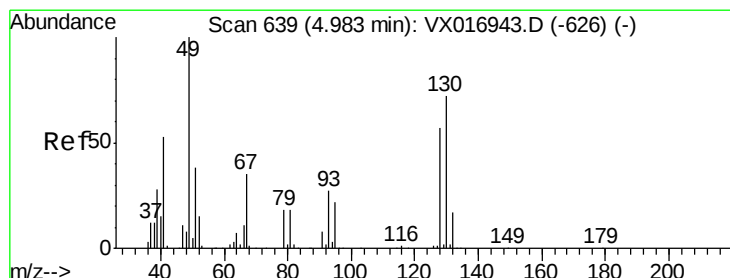
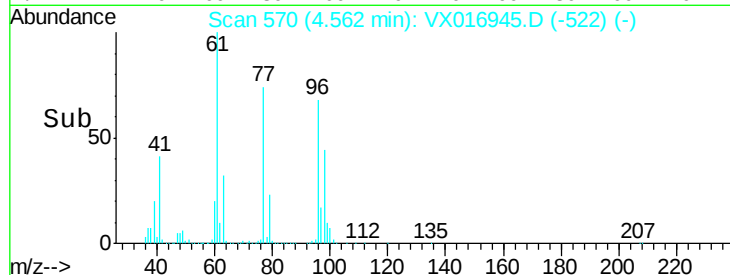
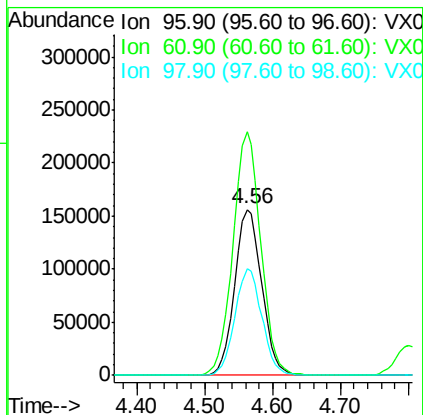
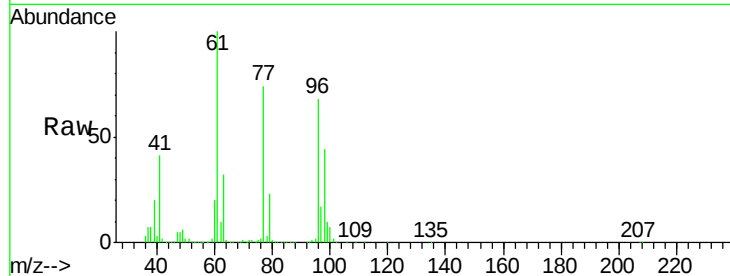


#27

cis-1,2-Dichloroethene
Concen: 179.860 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

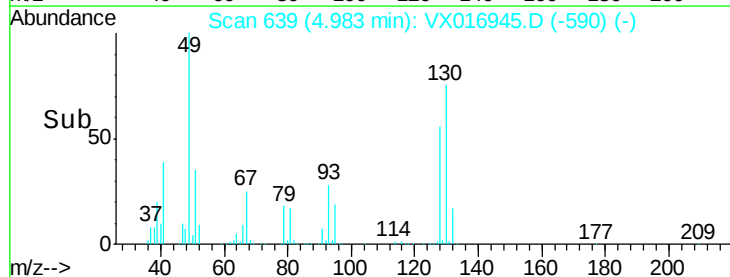
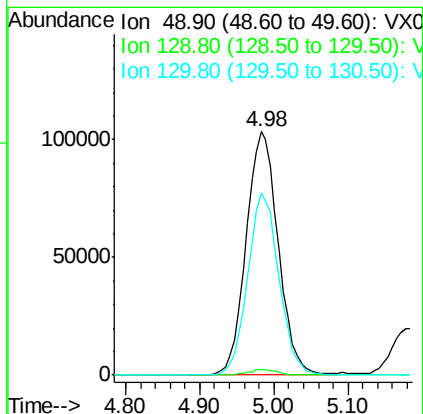
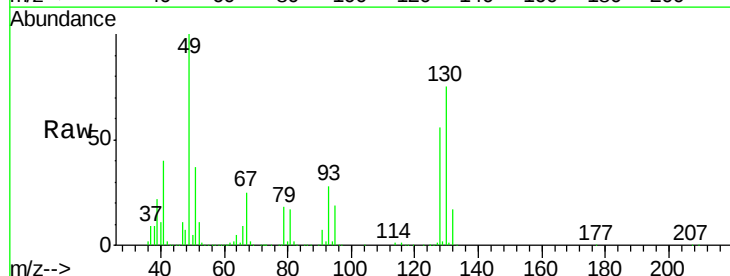
Tot Ion	96	Resp	432116
Ion	Ratio	Lower	Upper
96	100		
61	150.5	0.0	302.2
98	64.3	0.0	128.0

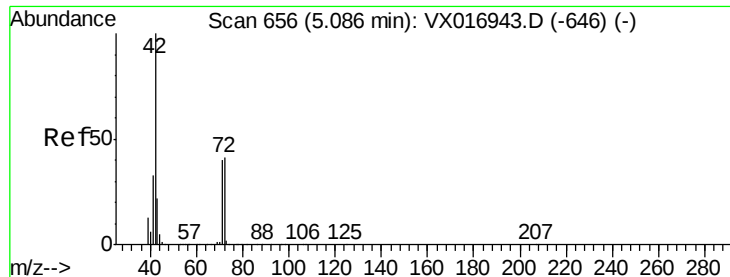


#28

Bromochloromethane
Concen: 203.269 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion	49	Resp	311756
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	73.0	59.1	88.7





#29

Tetrahydrofuran

Concen: 1137.790 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

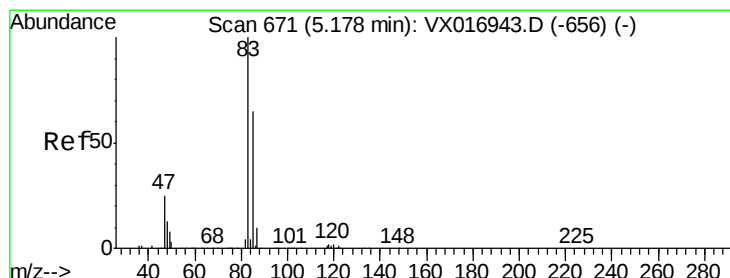
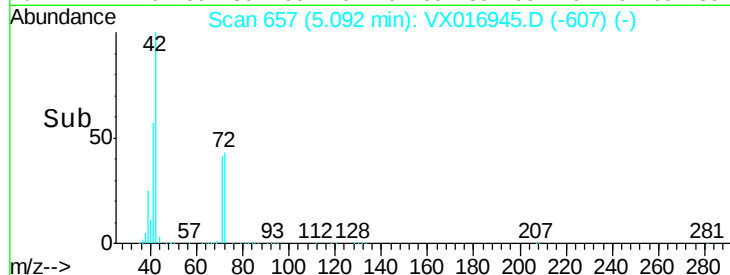
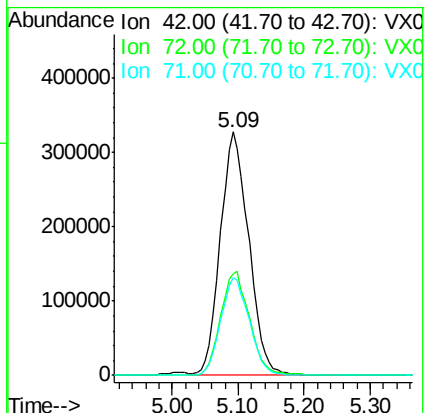
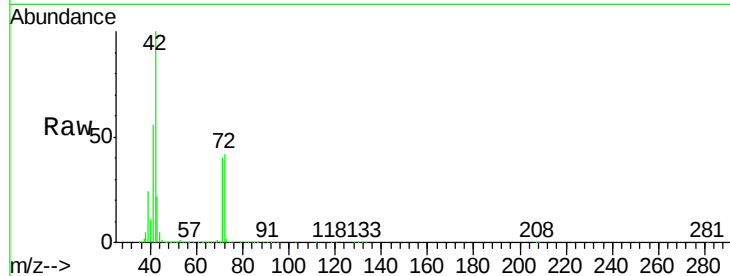
Tot Ion: 42 Resp: 971409

Ion Ratio Lower Upper

42 100

72 43.7 34.5 51.7

71 40.7 32.1 48.1



#30

Chloroform

Concen: 182.596 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016945.D

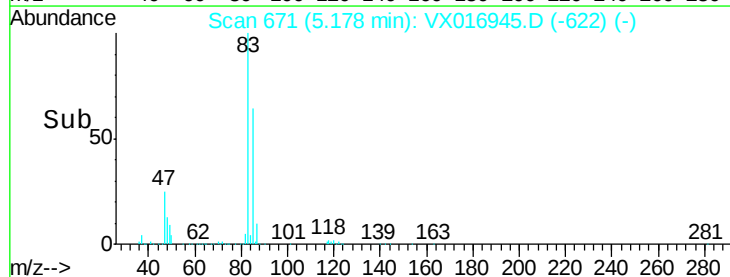
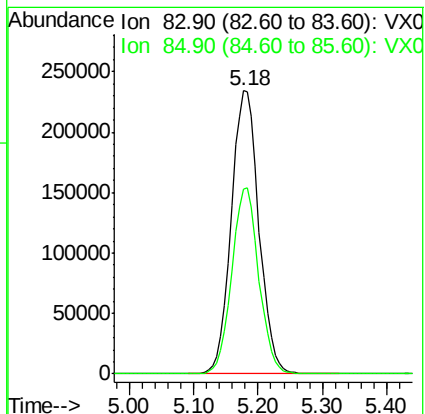
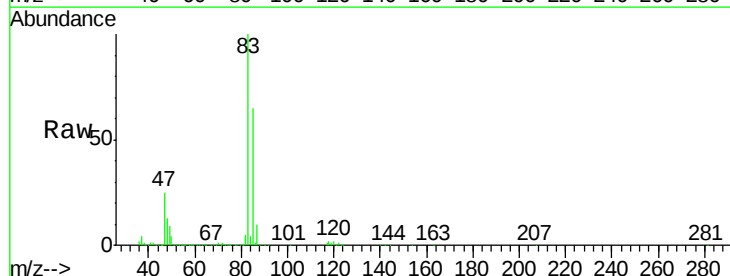
Acq: 24 Jun 2020 12:46

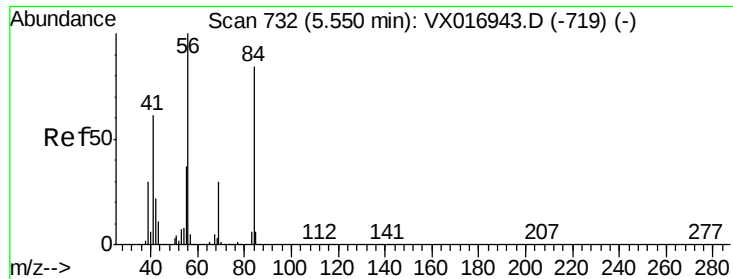
Tgt Ion: 83 Resp: 699916

Ion Ratio Lower Upper

83 100

85 65.2 51.8 77.6

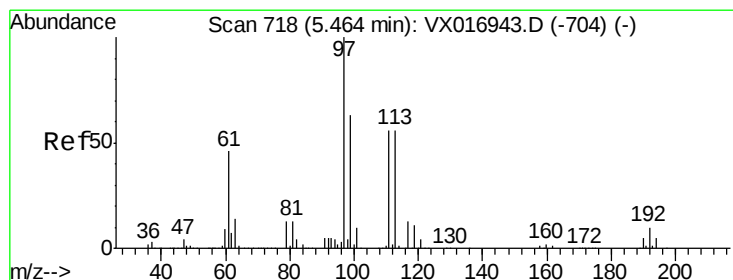
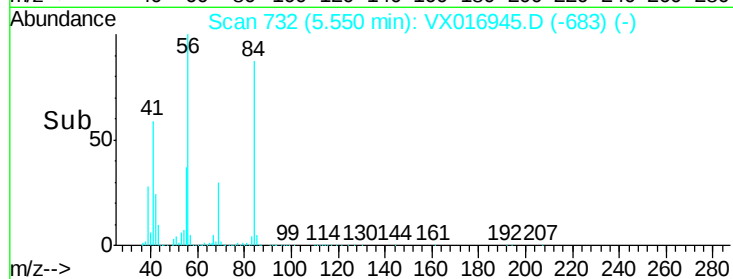
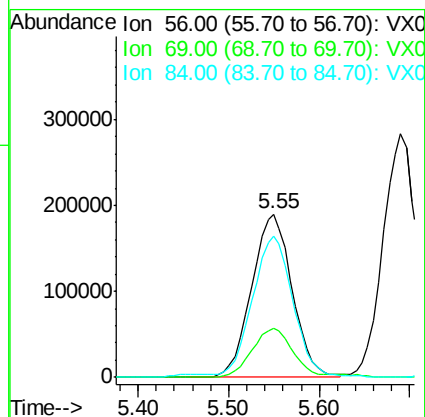
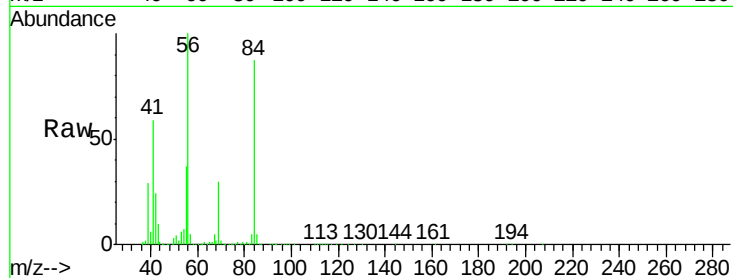




#31
Cyclohexane
Concen: 180.764 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

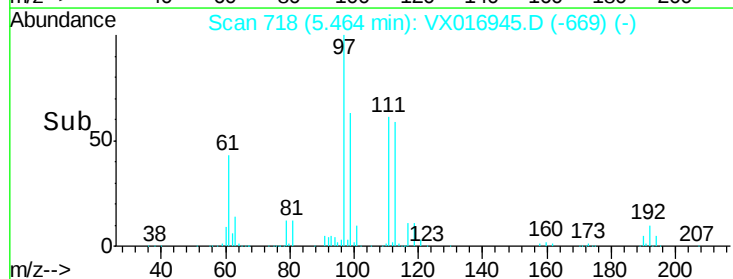
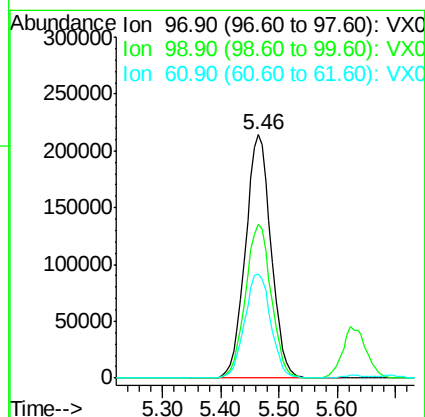
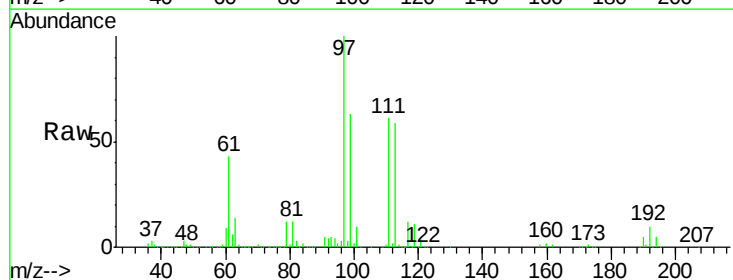
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

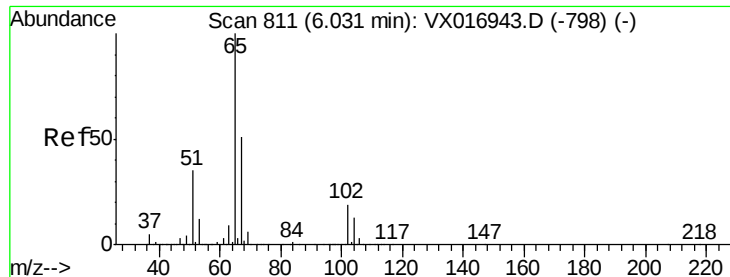
Tot Ion: 56 Resp: 584530
Ion Ratio Lower Upper
56 100
69 30.3 24.1 36.1
84 85.6 67.4 101.2



#32
1,1,1-Trichloroethane
Concen: 180.228 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 97 Resp: 649301
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 43.8 36.2 54.2





#33

1,2-Dichloroethane-d4

Concen: 177.974 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

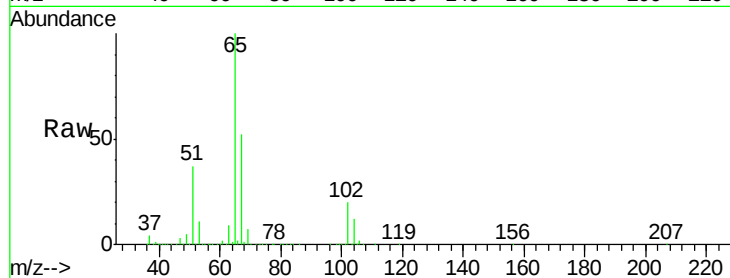
VSTDIC150

Tot Ion: 65 Resp: 466038

Ion Ratio Lower Upper

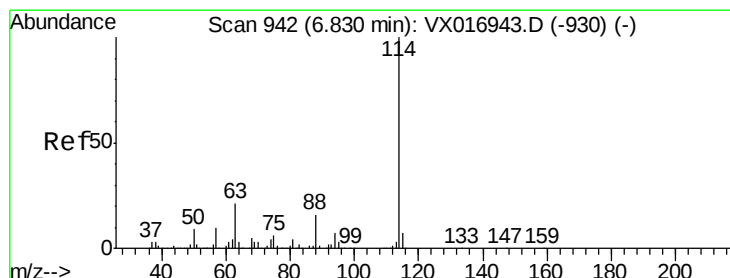
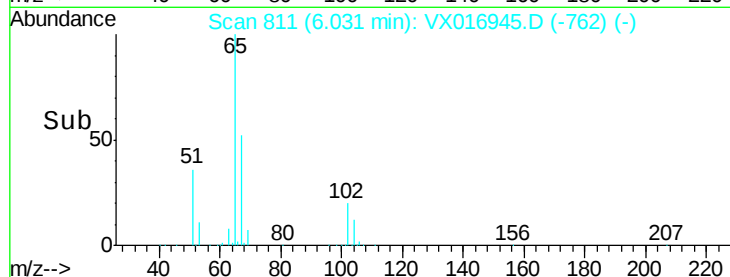
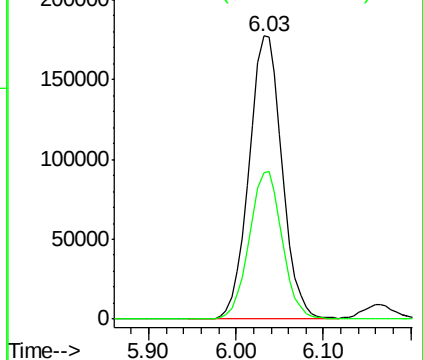
65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

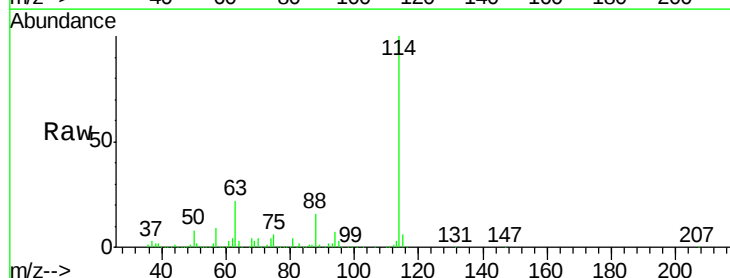
Tgt Ion: 114 Resp: 355005

Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.6

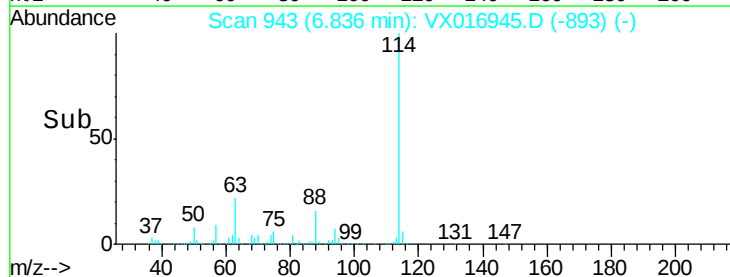
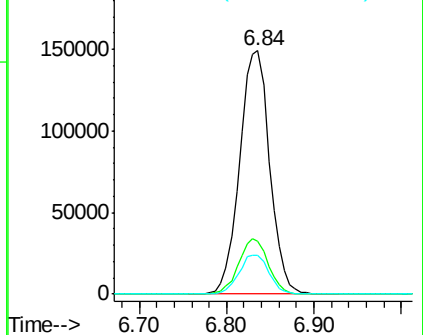
88 15.8 0.0 32.2

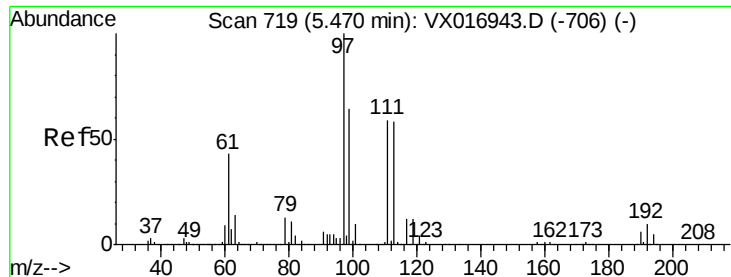


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

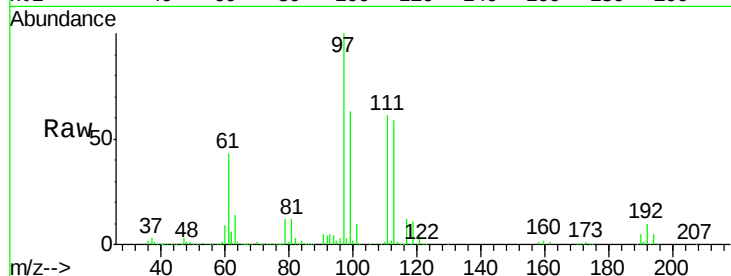




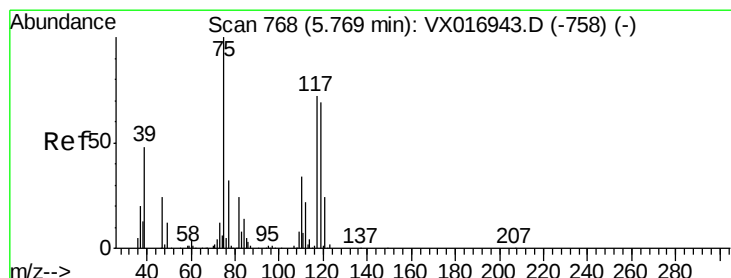
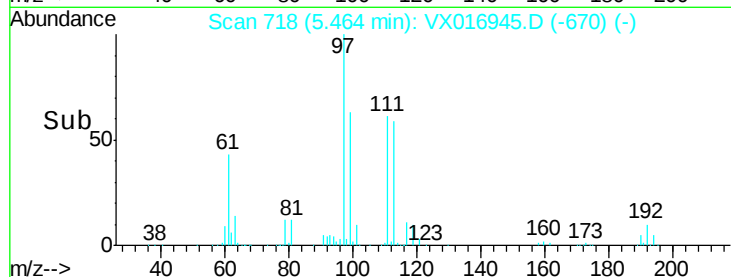
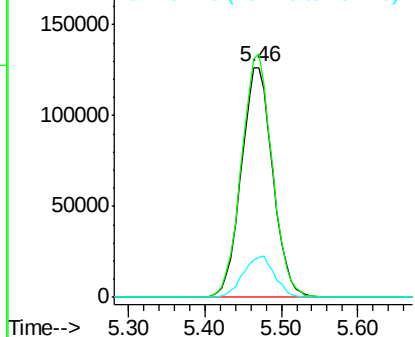
#35
 Dibromofluoromethane
 Concen: 158.300 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:113 Resp: 361702
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.4
 192 18.2 14.5 21.7

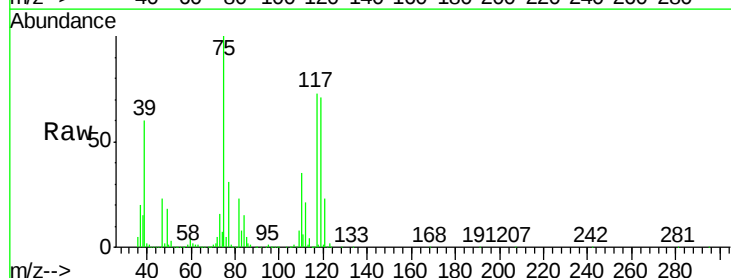


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

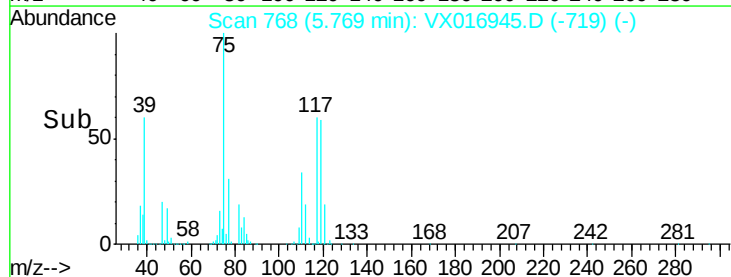
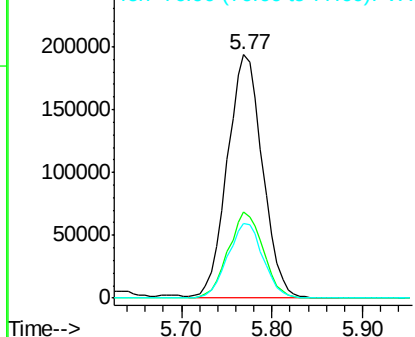


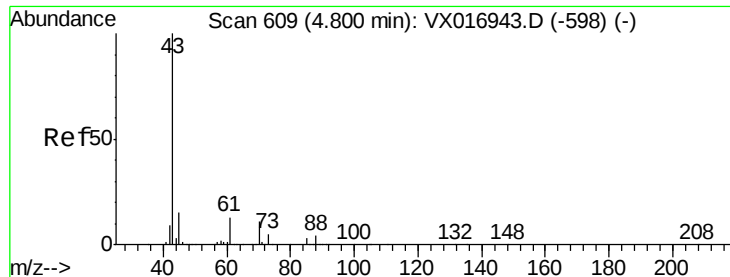
#36
 1,1-Dichloropropene
 Concen: 155.540 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion: 75 Resp: 519131
 Ion Ratio Lower Upper
 75 100
 110 35.1 16.9 50.7
 77 30.9 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

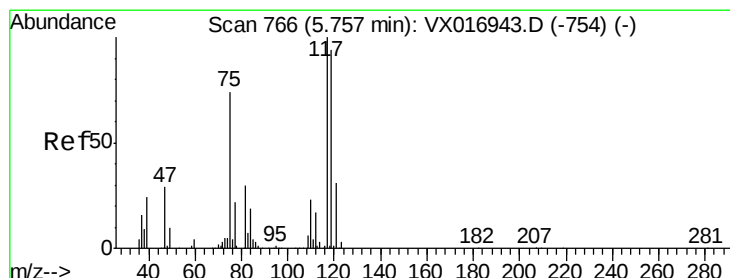
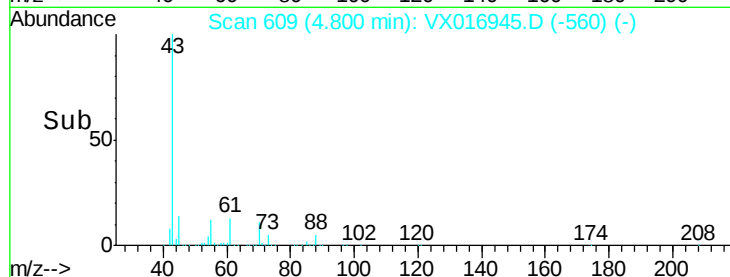
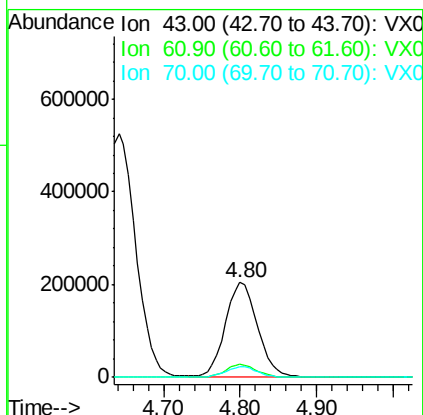
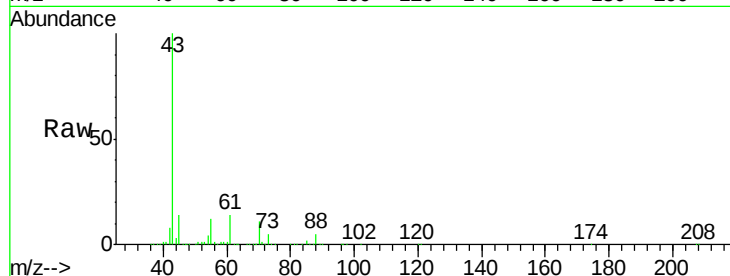




#37
Ethyl Acetate
Concen: 194.933 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

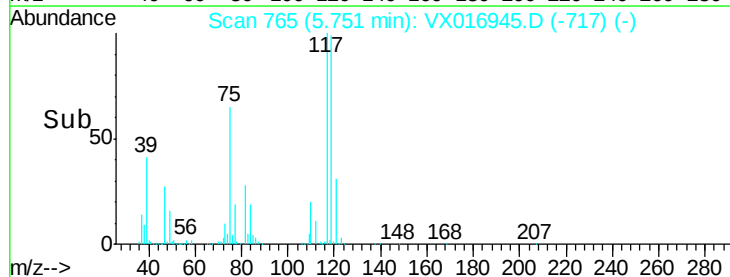
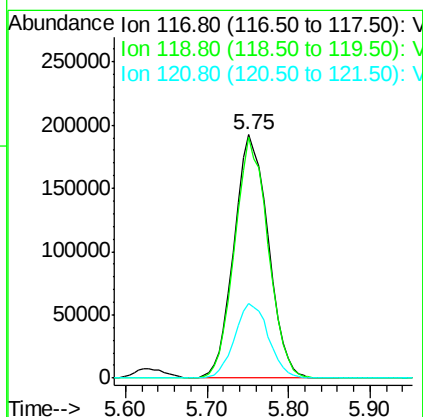
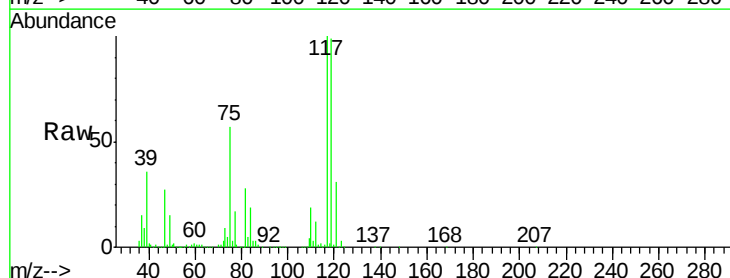
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

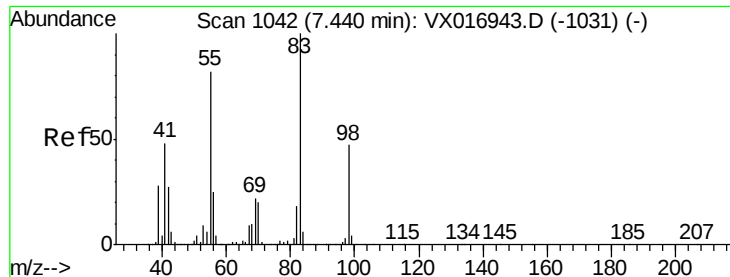
Tot Ion: 43 Resp: 595274
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 10.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 151.072 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 117 Resp: 559427
Ion Ratio Lower Upper
117 100
119 99.2 74.7 112.1
121 30.9 25.0 37.6

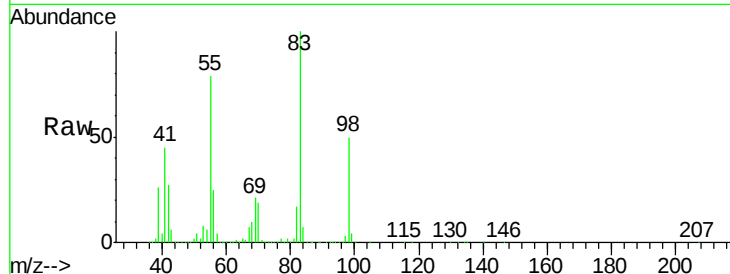




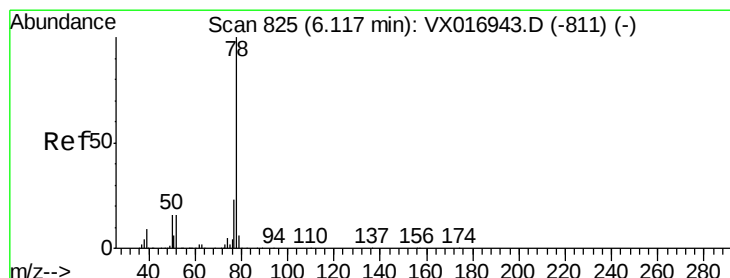
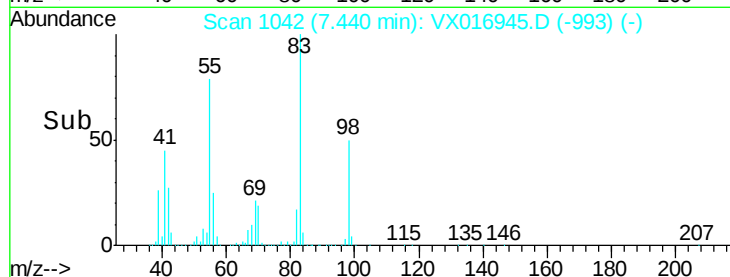
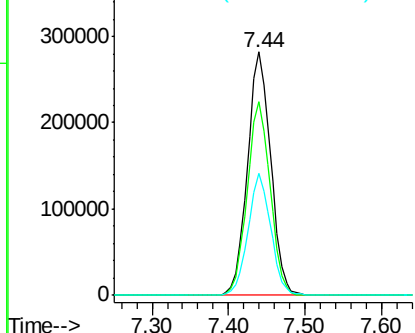
#39
Methvlcvclohexane
Concen: 156.935 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 596453
Ion Ratio Lower Upper
83 100
55 79.4 65.5 98.3
98 49.9 37.8 56.8

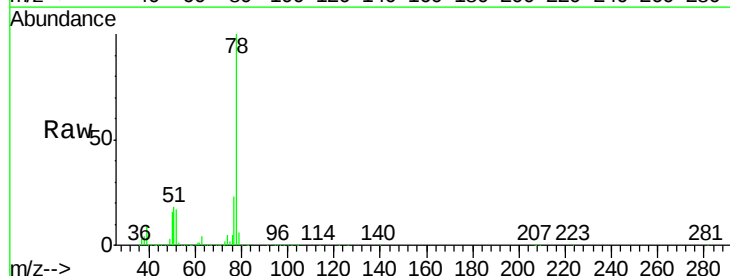


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

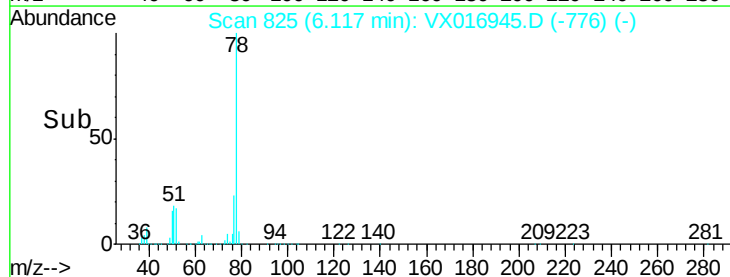
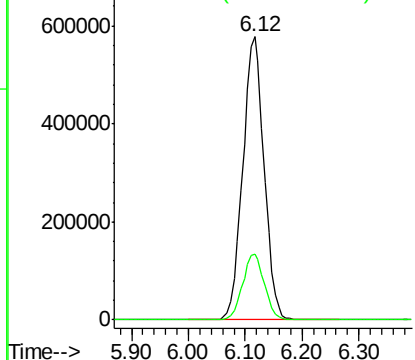


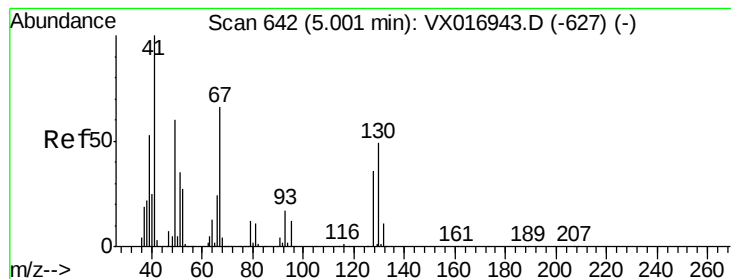
#40
Benzene
Concen: 151.060 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 78 Resp: 1503846
Ion Ratio Lower Upper
78 100
77 23.1 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 198.969 ug/l

RT: 5.01 min Scan# 644

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 330942

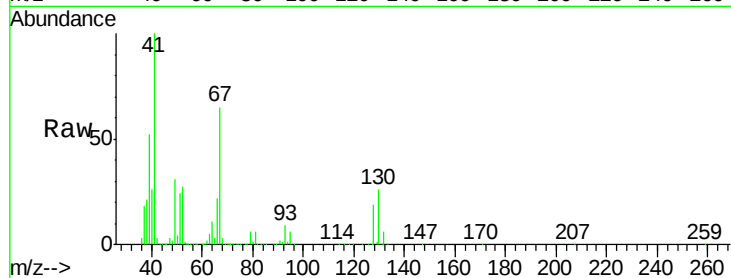
Ion Ratio Lower Upper

41 100

39 54.4 43.4 65.0

67 68.1 55.6 83.4

52 27.9 23.0 34.6

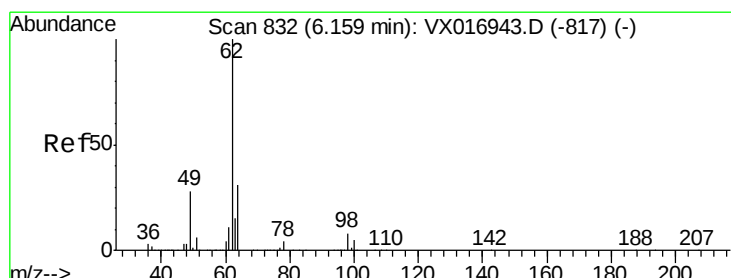
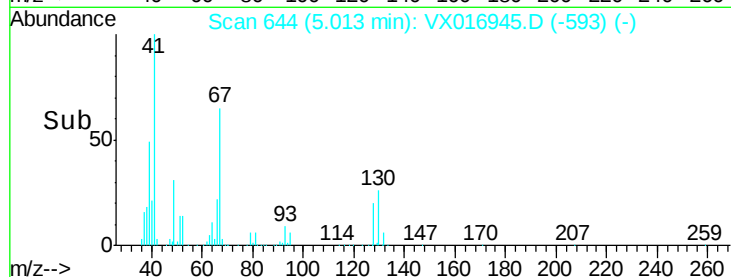
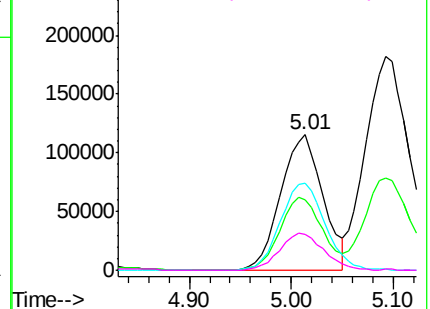


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 165.891 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX016945.D

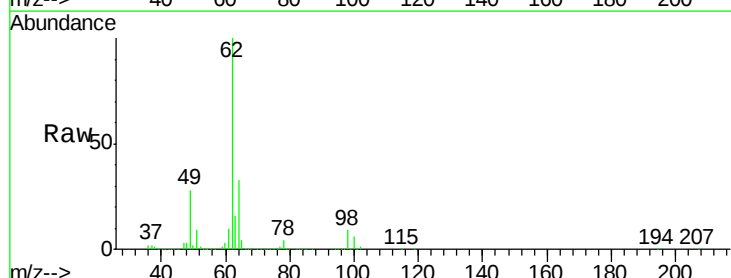
Acq: 24 Jun 2020 12:46

Tgt Ion: 62 Resp: 597827

Ion Ratio Lower Upper

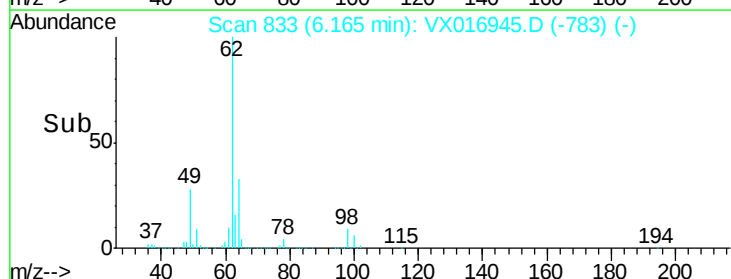
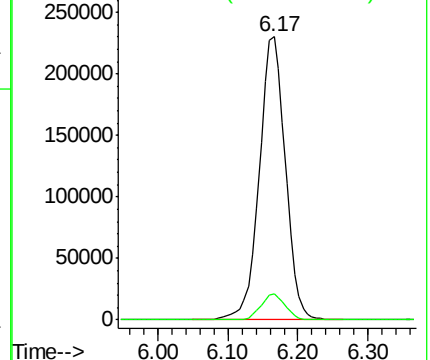
62 100

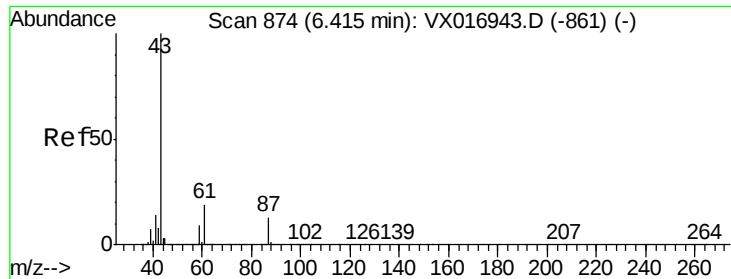
98 8.6 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



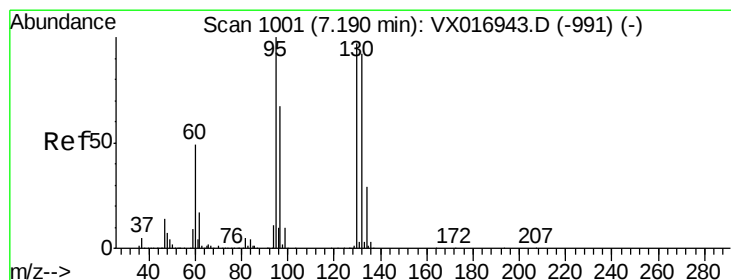
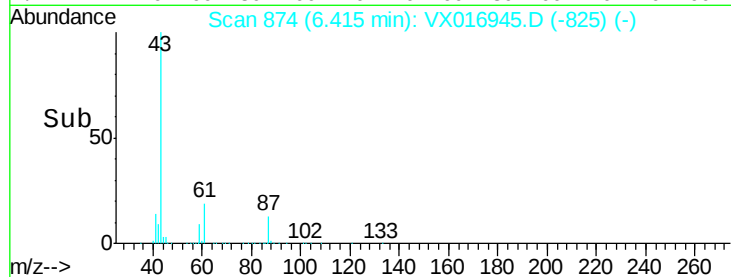
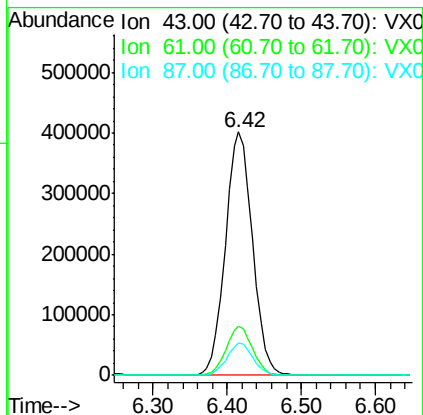
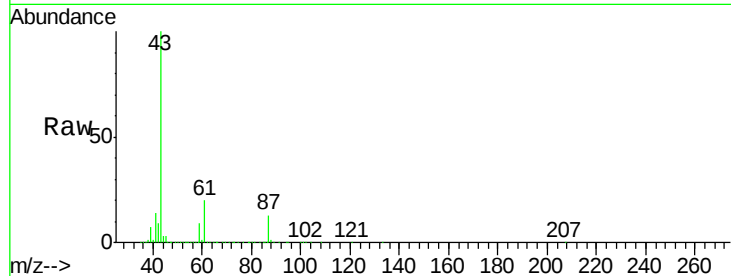


#43

Isopropyl Acetate
 Concen: 193.026 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

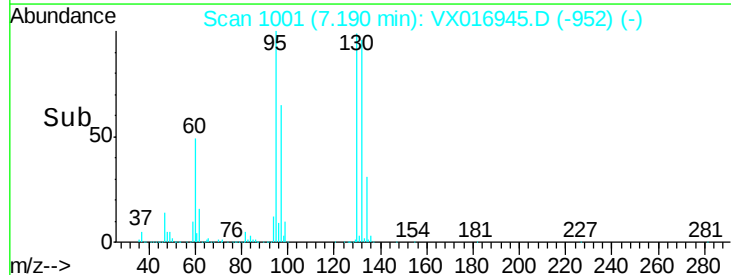
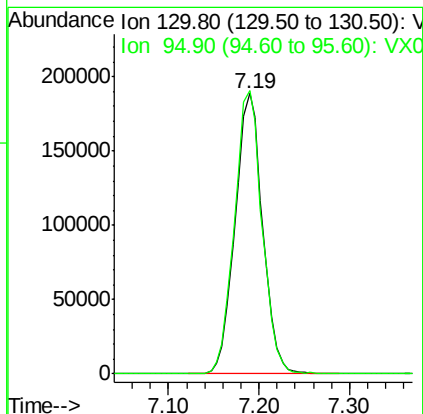
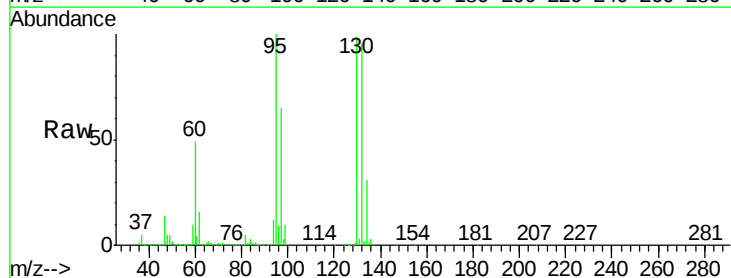
Tot Ion: 43 Resp: 1013579
 Ion Ratio Lower Upper
 43 100
 61 19.8 15.1 22.7
 87 12.9 10.2 15.2

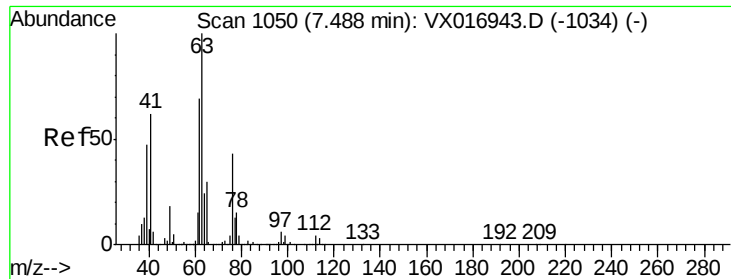


#44

Trichloroethene
 Concen: 137.503 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion: 130 Resp: 396945
 Ion Ratio Lower Upper
 130 100
 95 100.8 0.0 206.2





#45

1,2-Dichloropropane

Concen: 156.452 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

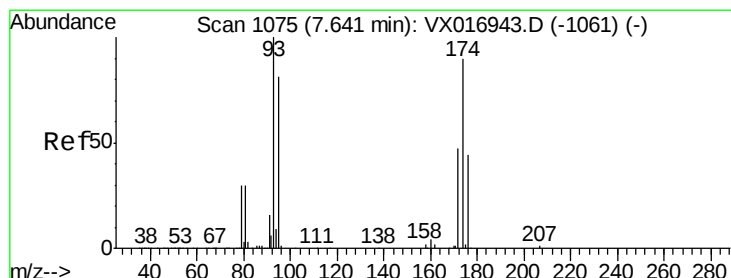
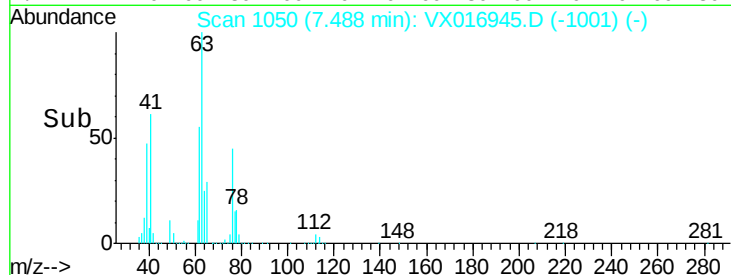
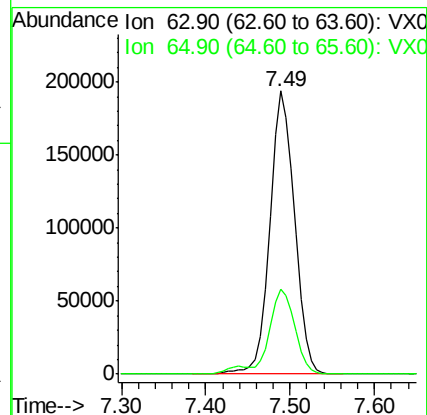
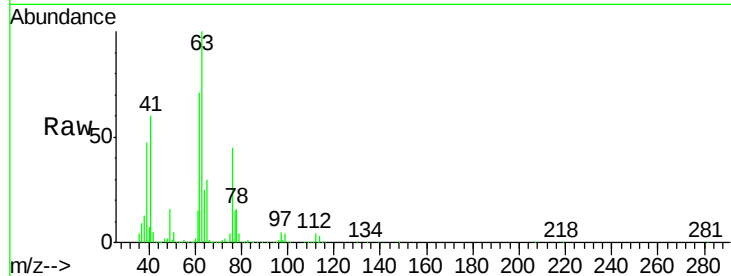
VSTDIC150

Tot Ion: 63 Resp: 394463

Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5



#46

Dibromomethane

Concen: 164.024 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

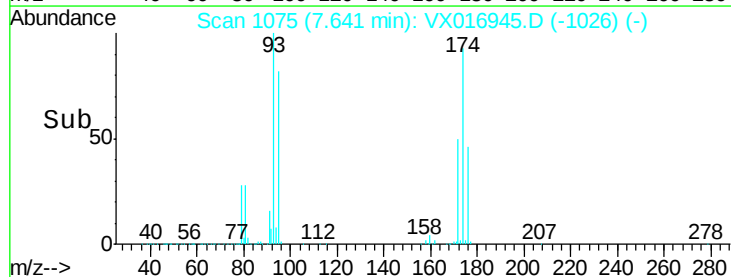
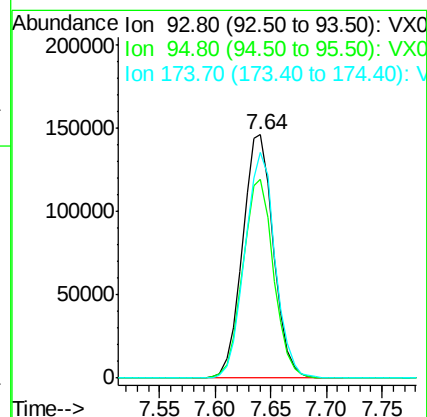
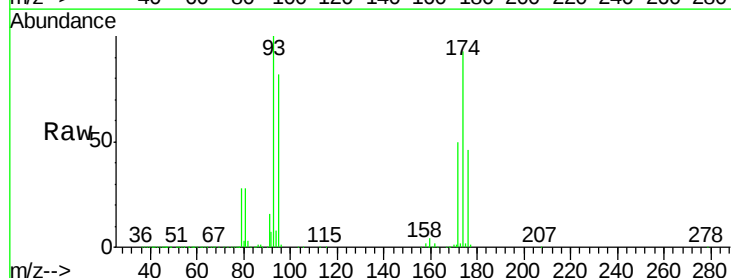
Tgt Ion: 93 Resp: 280050

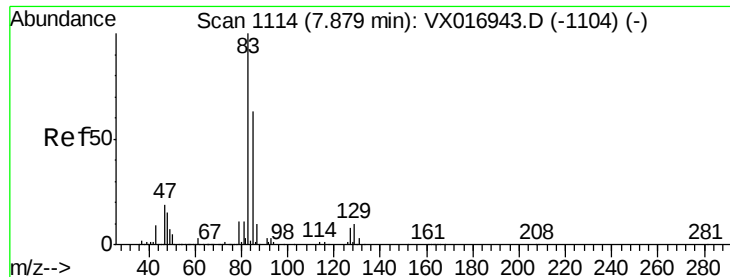
Ion Ratio Lower Upper

93 100

95 81.4 66.2 99.4

174 91.3 71.9 107.9





#47

Bromodichloromethane

Concen: 164.767 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

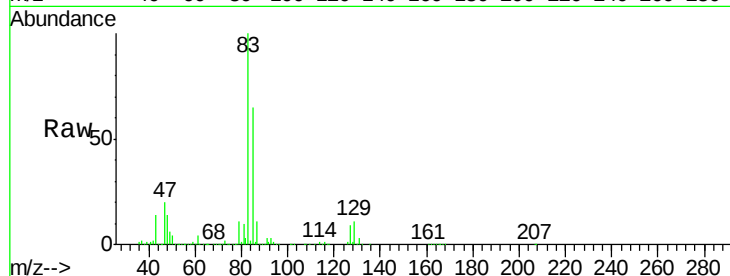
Tot Ion: 83 Resp: 599678

Ion Ratio Lower Upper

83 100

85 65.1 50.4 75.6

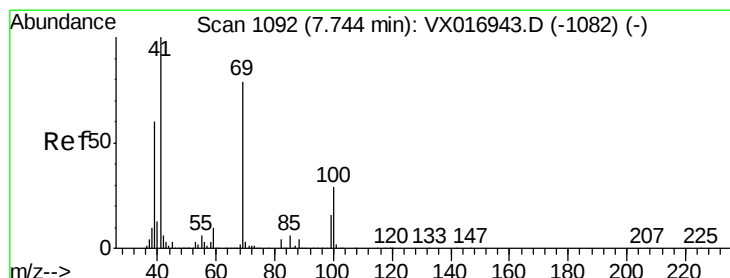
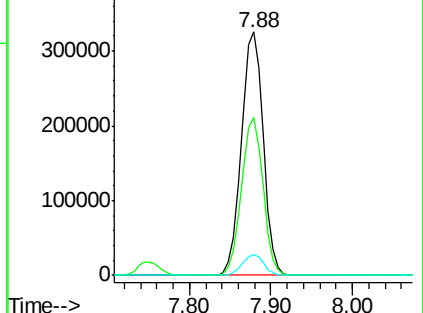
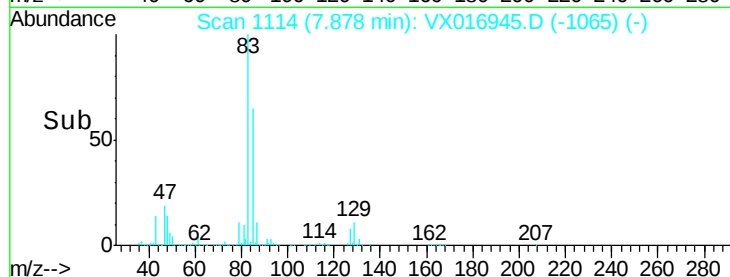
127 8.5 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 199.688 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

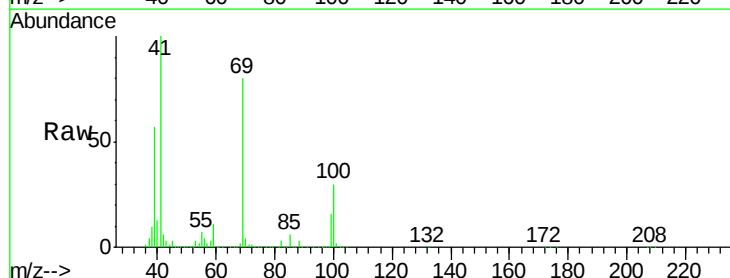
Tgt Ion: 41 Resp: 501325

Ion Ratio Lower Upper

41 100

69 79.6 62.3 93.5

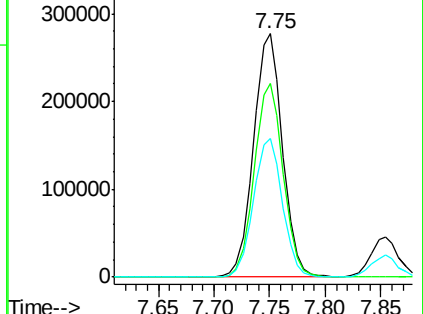
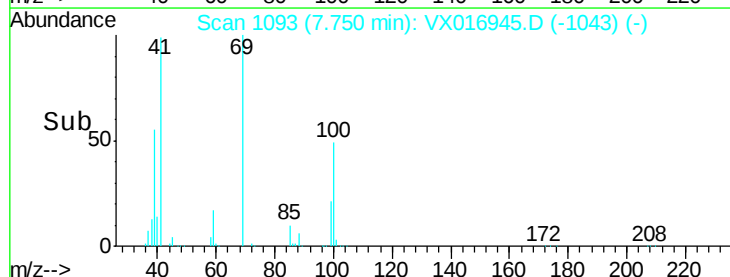
39 57.1 48.4 72.6

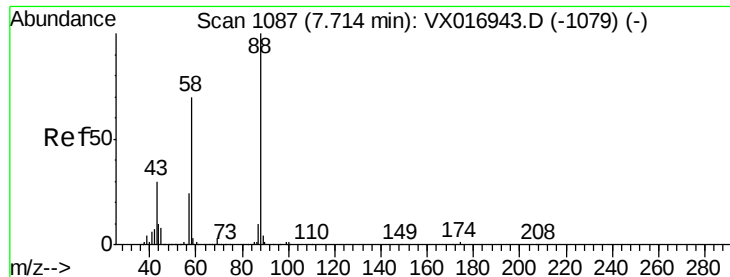


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3668.026 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

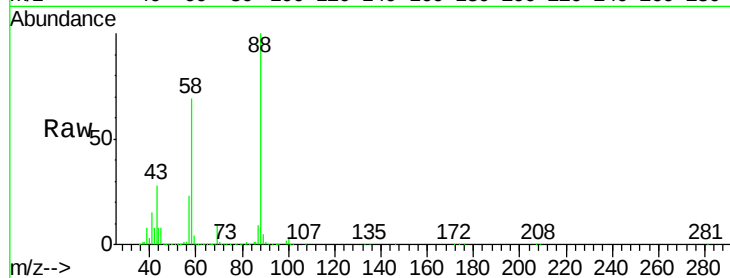
Tot Ion: 88 Resp: 200967

Ion Ratio Lower Upper

88 100

43 33.1 28.8 43.2

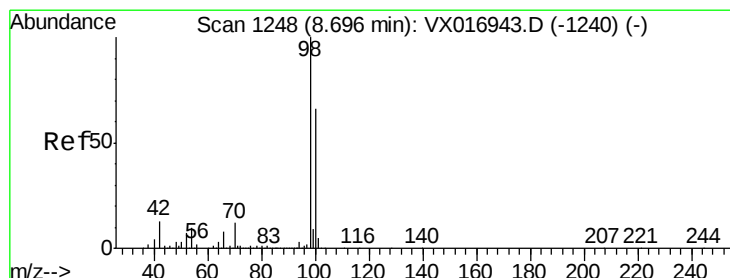
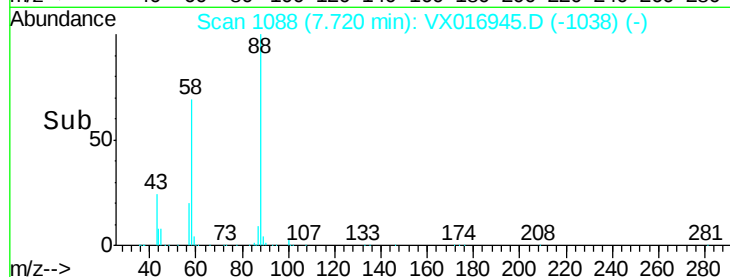
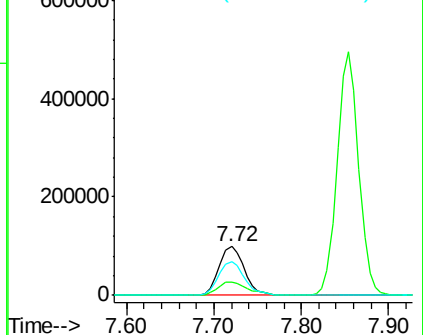
58 70.9 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 147.493 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016945.D

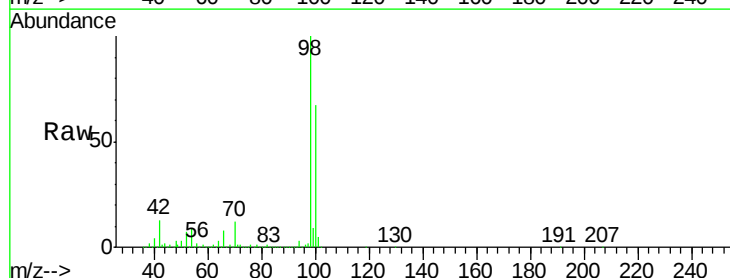
Acq: 24 Jun 2020 12:46

Tgt Ion: 98 Resp: 1333577

Ion Ratio Lower Upper

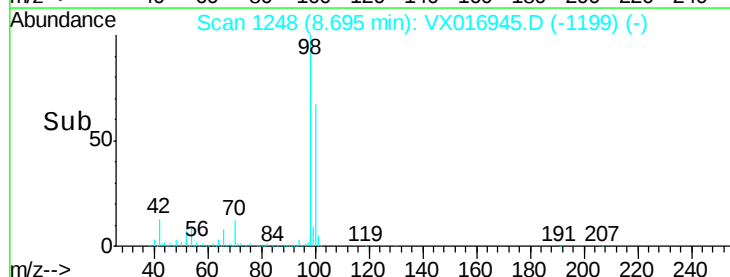
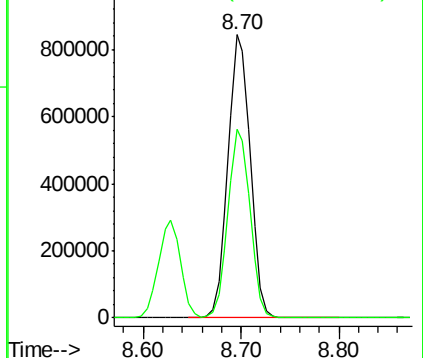
98 100

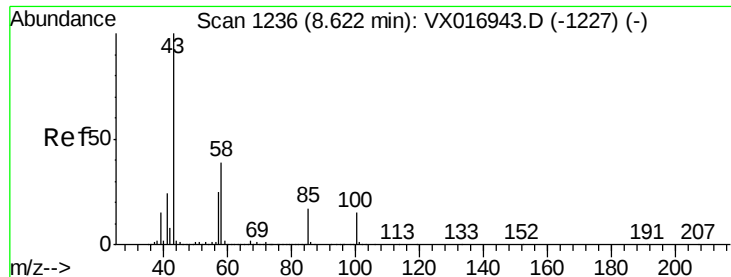
100 66.3 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 937.232 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

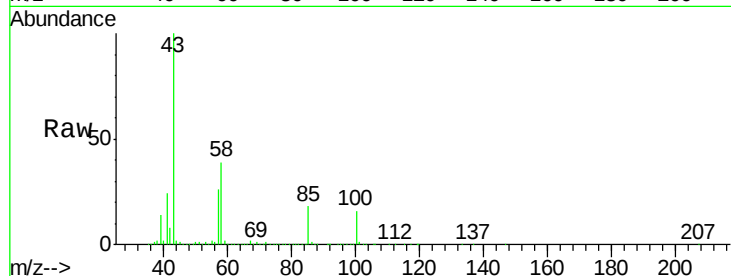
VSTDIC150

Tot Ion: 43 Resp: 2980503

Ion Ratio Lower Upper

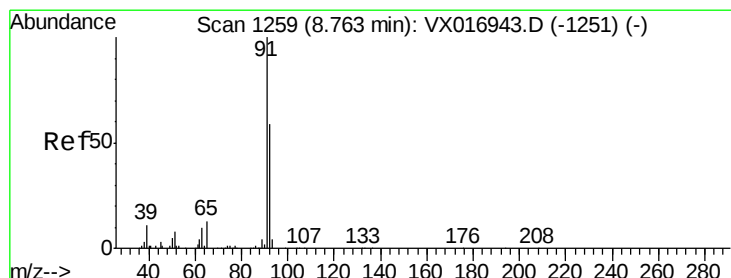
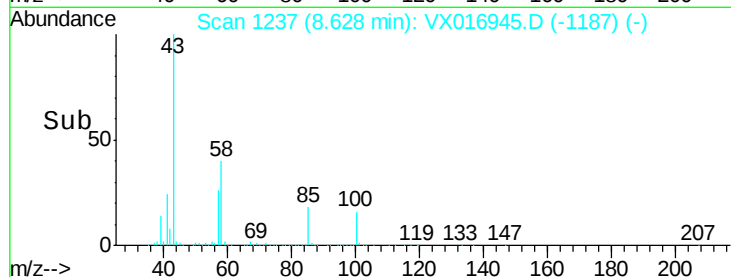
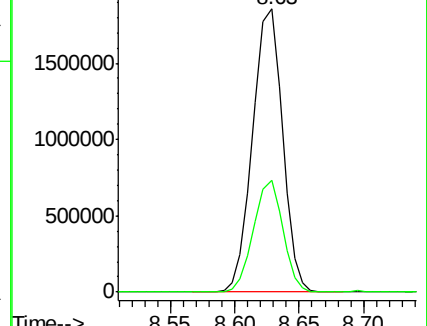
43 100

58 38.8 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 140.737 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016945.D

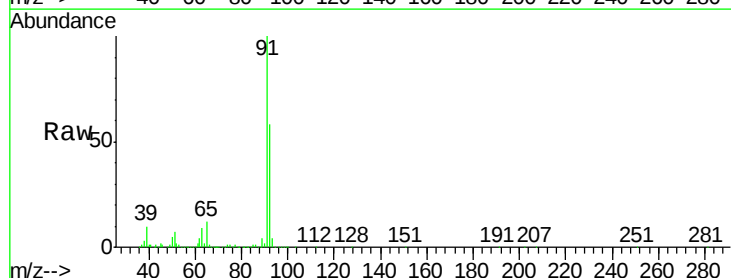
Acq: 24 Jun 2020 12:46

Tgt Ion: 92 Resp: 923781

Ion Ratio Lower Upper

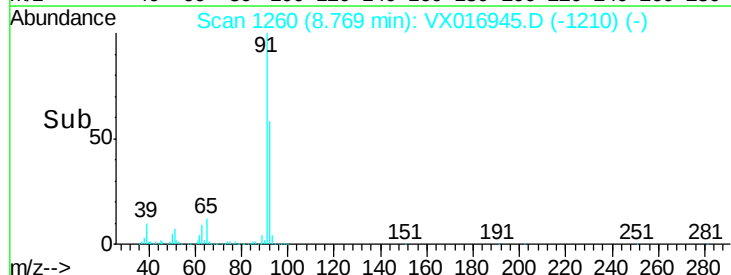
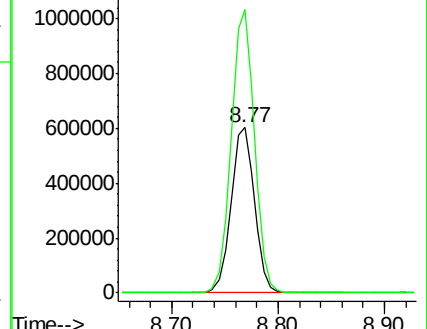
92 100

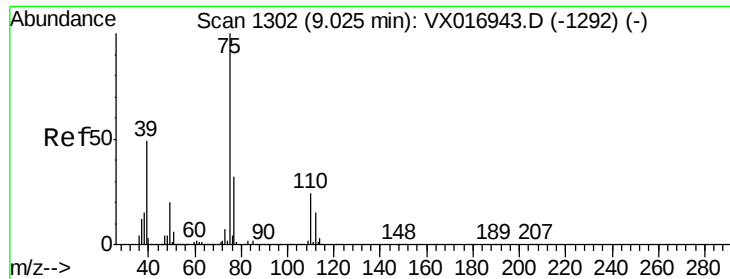
91 170.6 137.0 205.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 172.499 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

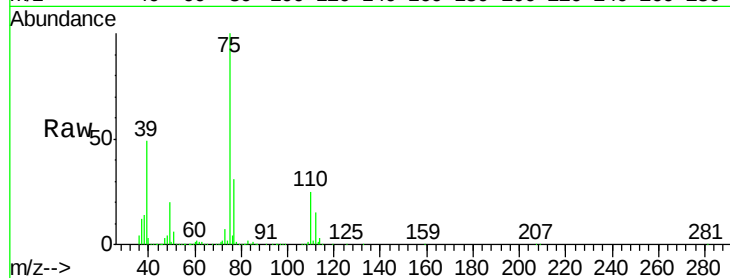
VSTDIC150

Tot Ion: 75 Resp: 689304

Ion Ratio Lower Upper

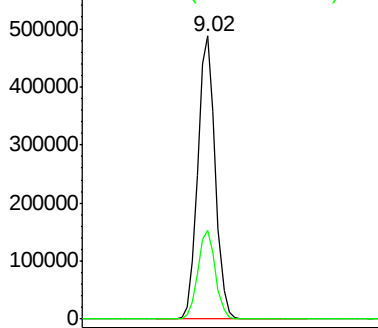
75 100

77 31.3 25.4 38.0

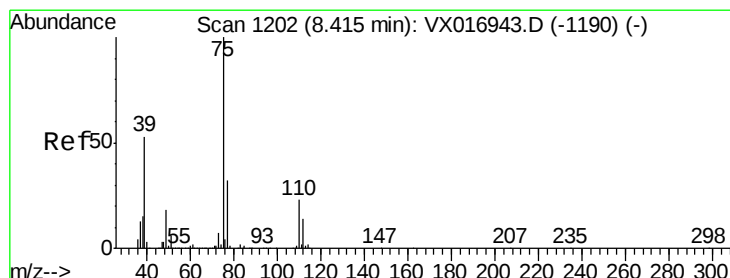
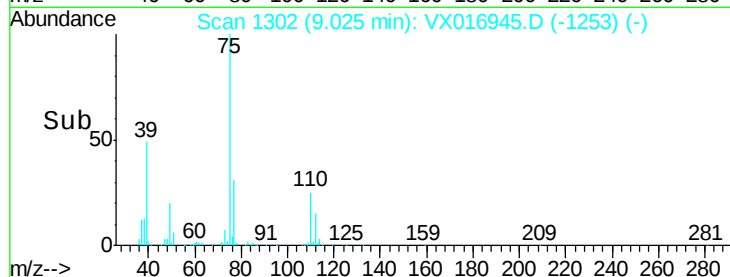


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.90 9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 162.455 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

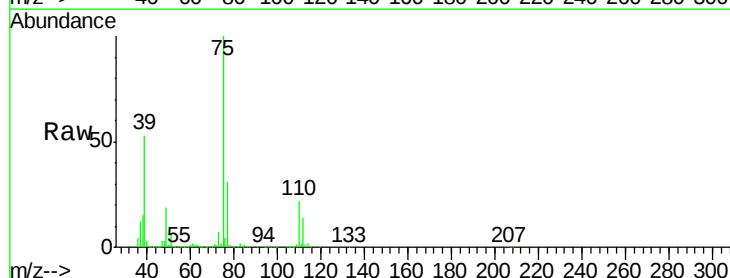
Tgt Ion: 75 Resp: 692632

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4

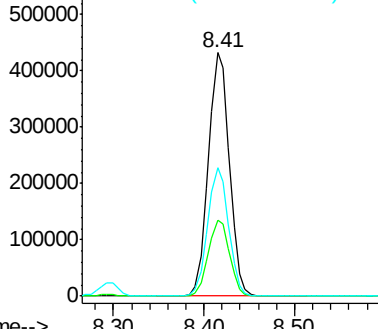
39 52.9 42.6 64.0



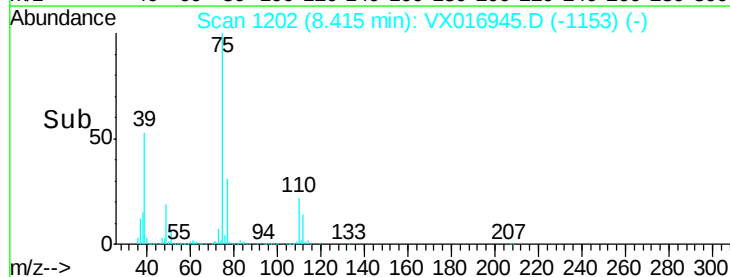
Abundance Ion 74.90 (74.60 to 75.60): VX0

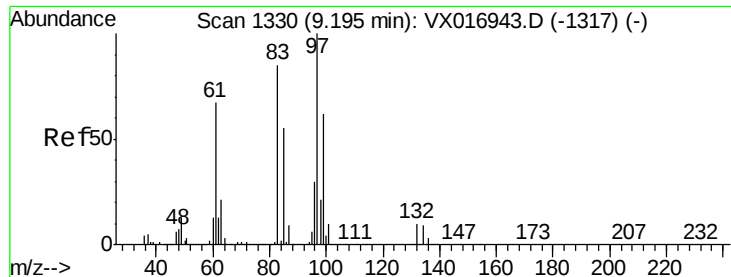
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.30 8.40 8.50





#55

1,1,2-Trichloroethane

Concen: 165.697 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 97 Resp: 406628

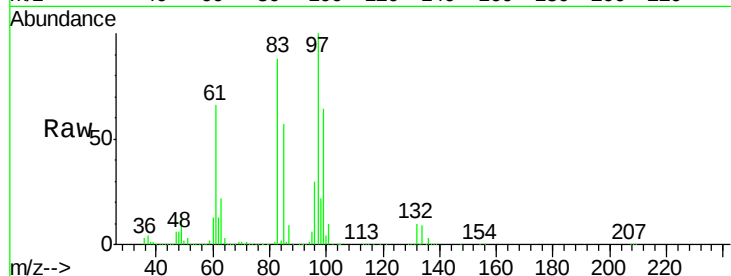
Ion Ratio Lower Upper

97 100

83 88.0 68.2 102.4

85 56.6 44.3 66.5

99 63.7 50.0 75.0

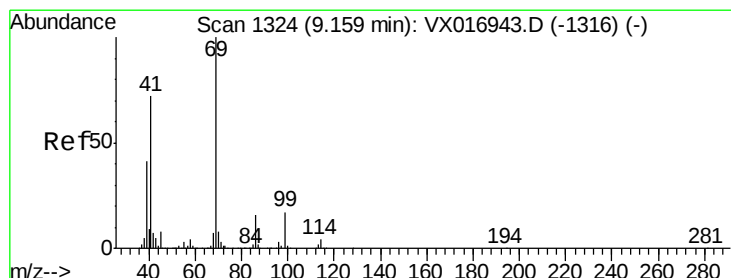
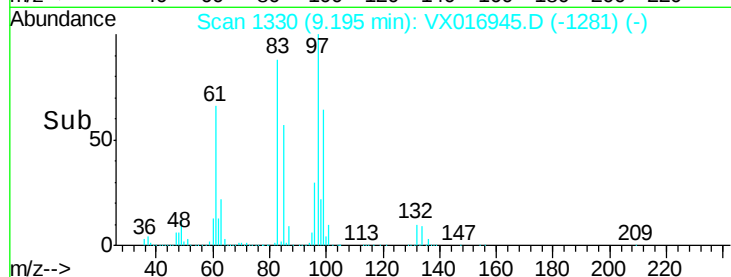
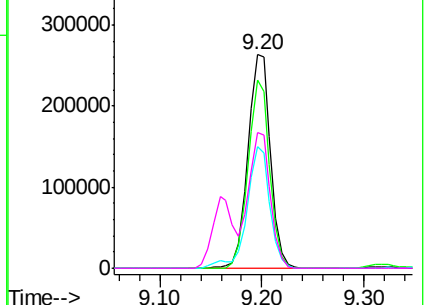


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 187.451 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

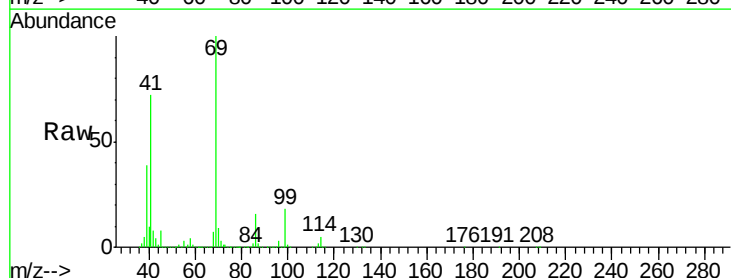
Tgt Ion: 69 Resp: 667852

Ion Ratio Lower Upper

69 100

41 70.8 57.0 85.4

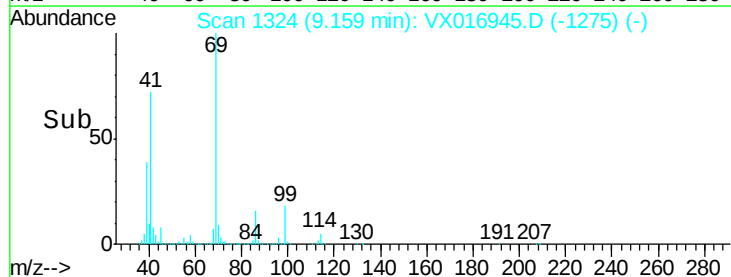
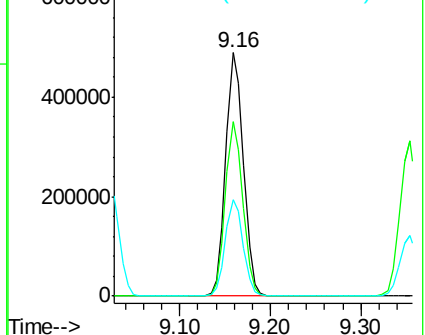
39 39.6 33.1 49.7

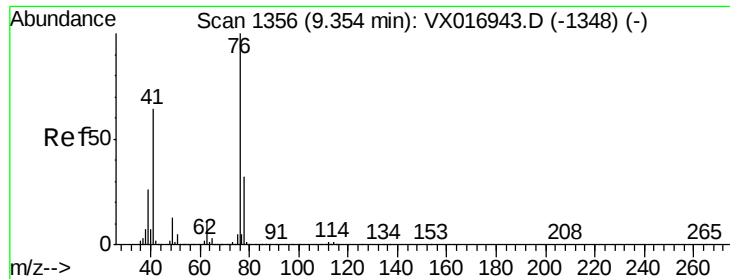


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

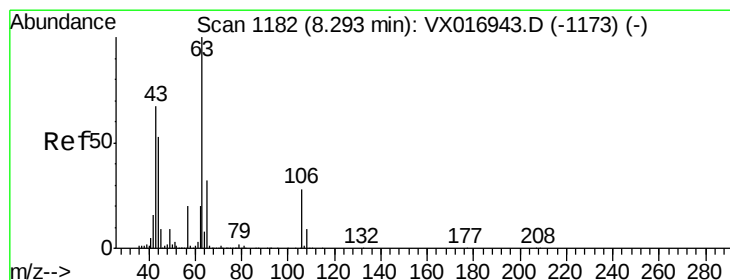
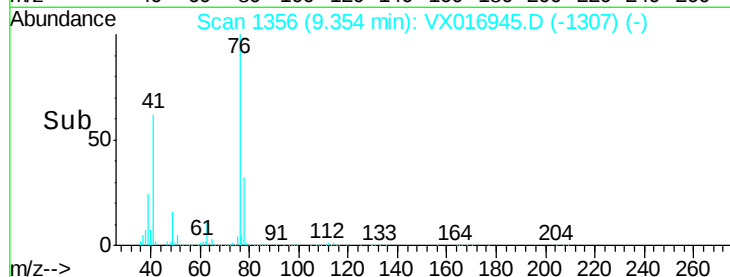
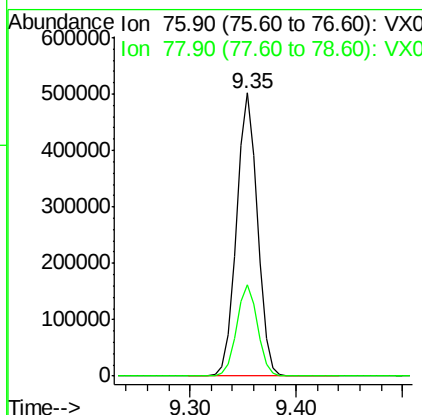
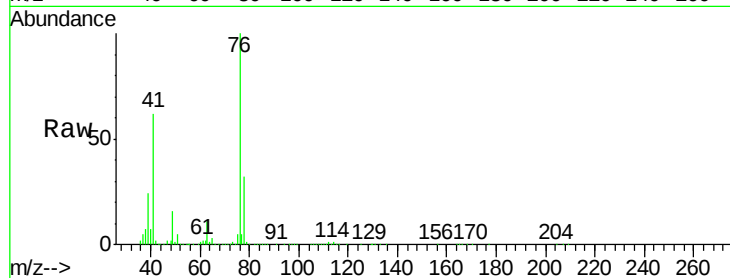




#57
 1,3-Dichloropropane
 Concen: 165.368 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

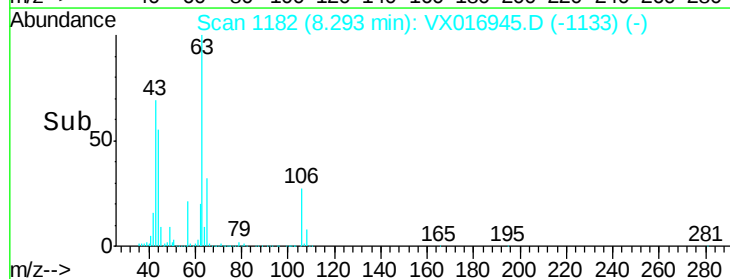
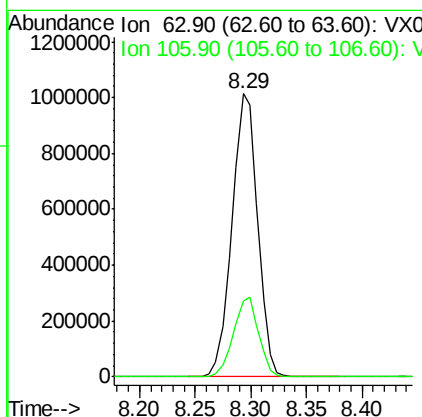
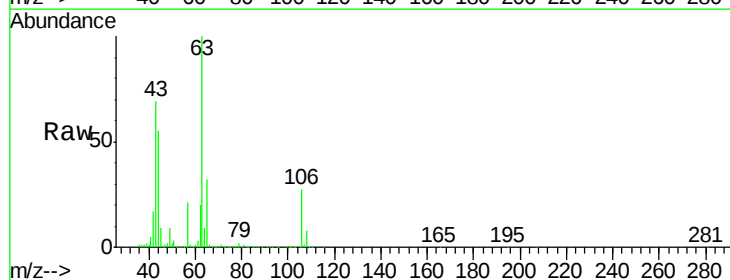
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

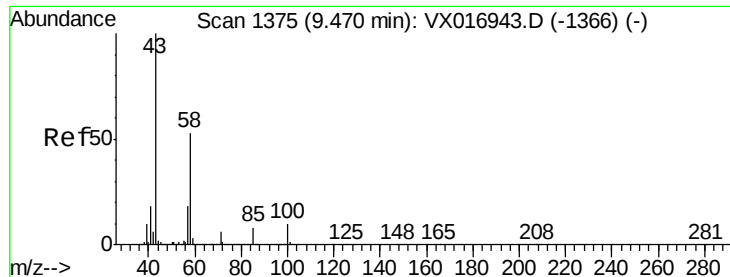
Tot Ion: 76 Resp: 694236
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 933.971 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion: 63 Resp: 1612461
 Ion Ratio Lower Upper
 63 100
 106 27.5 22.0 33.0

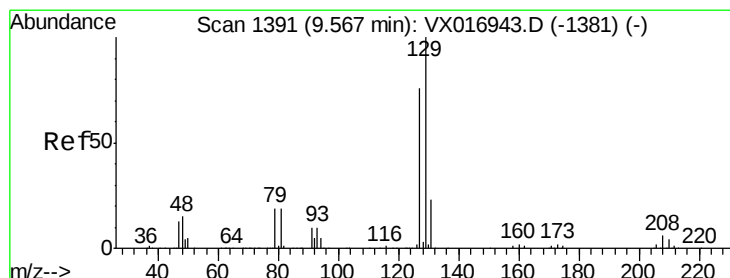
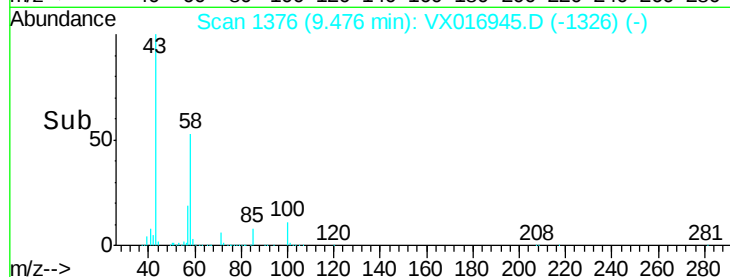
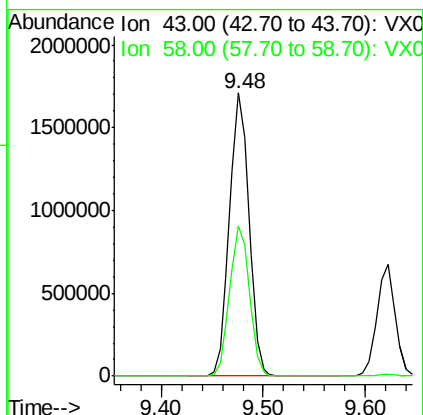
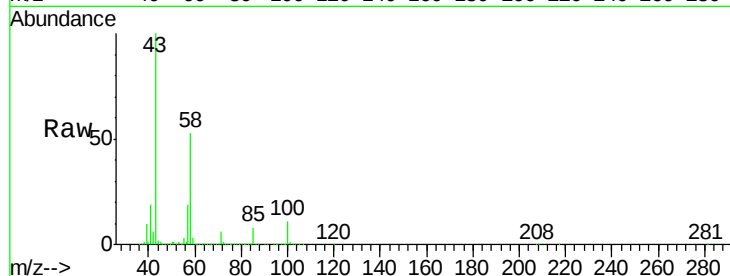




#59
2-Hexanone
Concen: 979.600 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

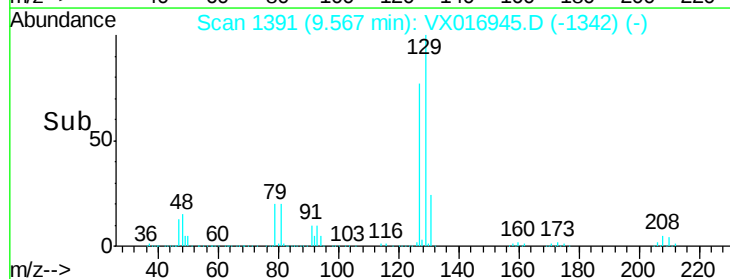
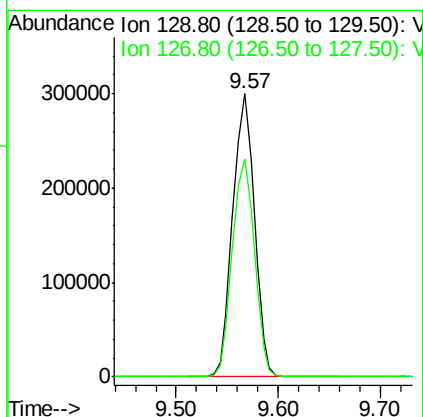
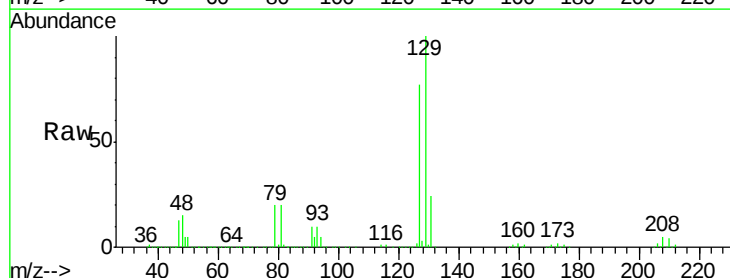
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

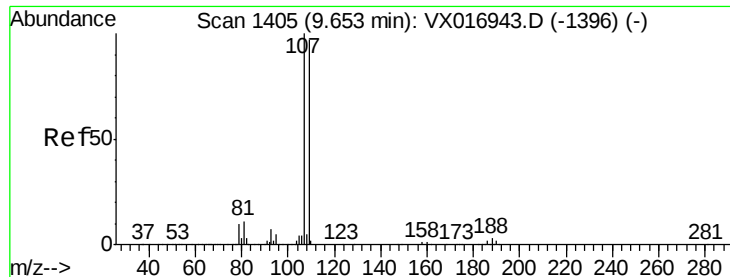
Tot Ion: 43 Resp: 2265101
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.4



#60
Dibromochloromethane
Concen: 150.860 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 129 Resp: 441423
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.5

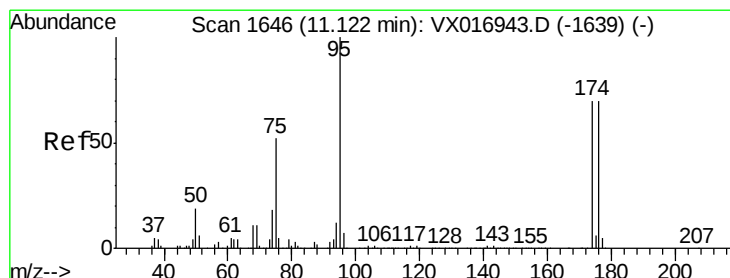
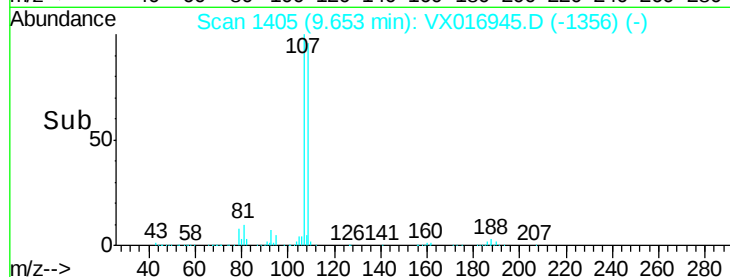
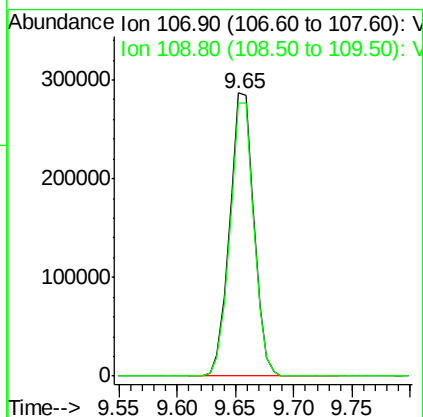
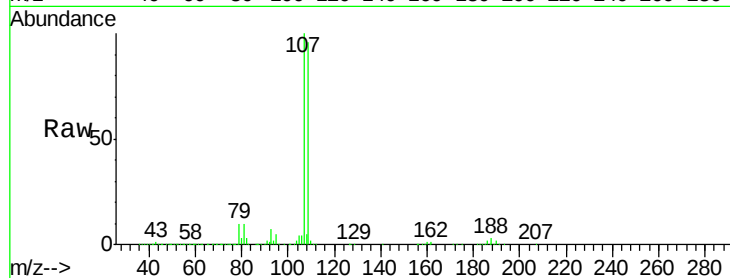




#61
 1,2-Dibromoethane
 Concen: 154.694 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

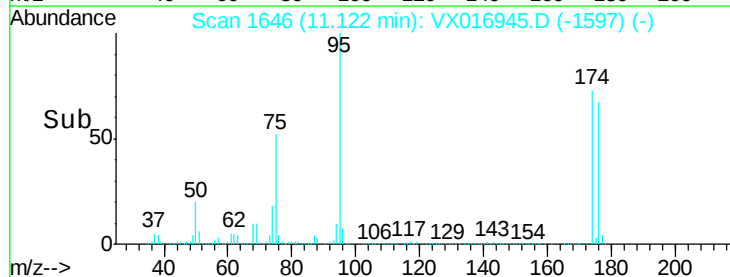
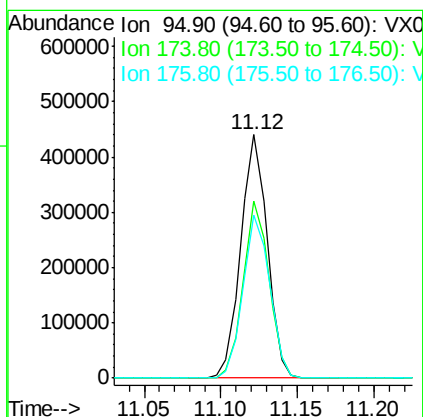
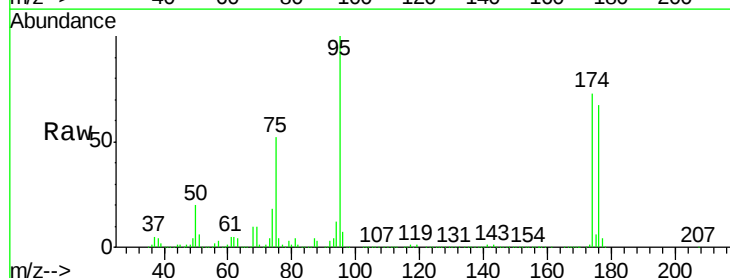
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

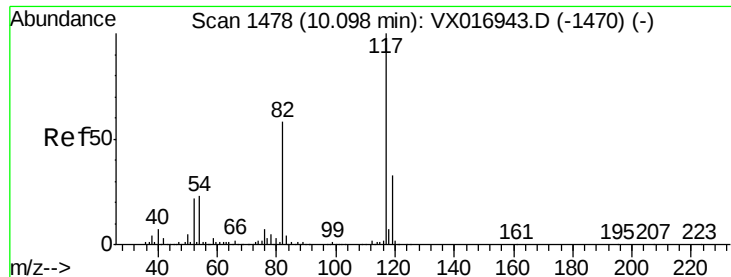
Tot Ion:107 Resp: 415402
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.2 111.2



#62
 4-Bromofluorobenzene
 Concen: 150.126 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion: 95 Resp: 528657
 Ion Ratio Lower Upper
 95 100
 174 71.3 0.0 142.0
 176 68.0 0.0 141.4

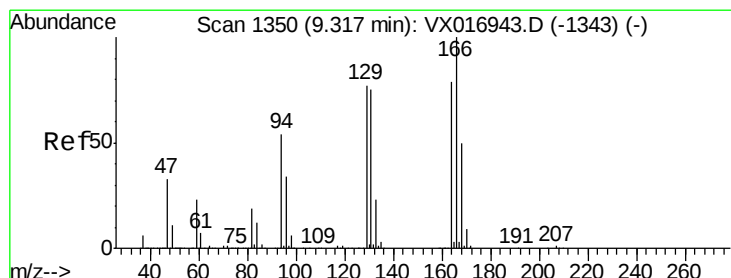
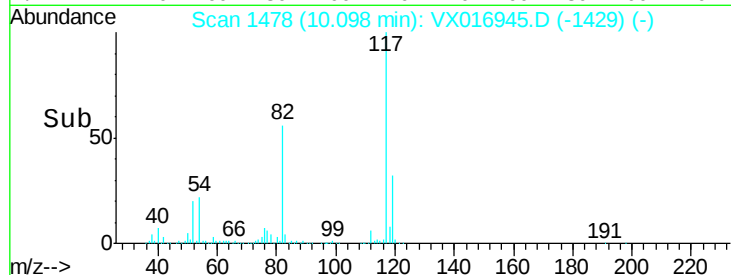
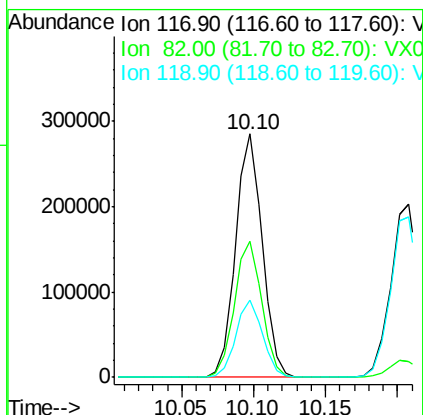
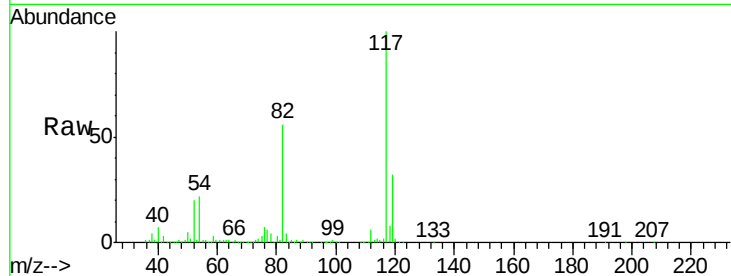




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

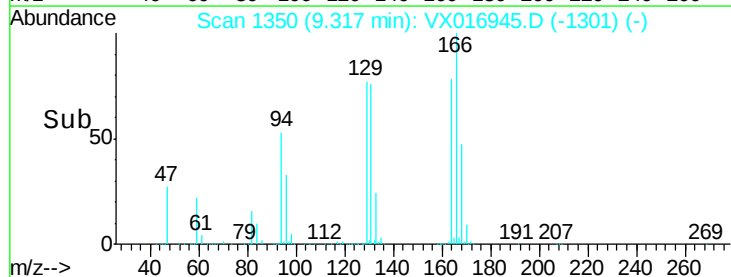
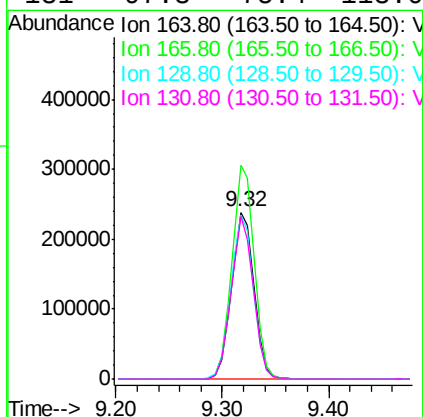
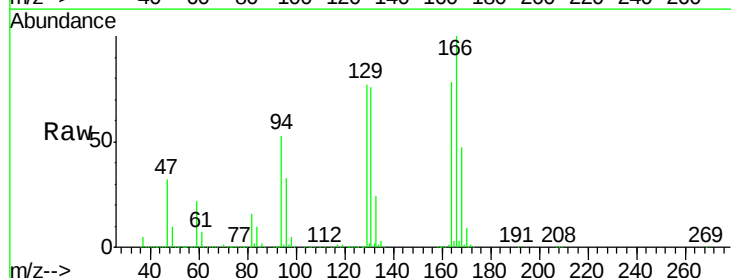
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

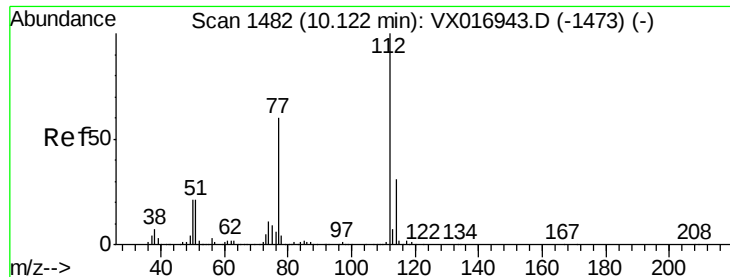
Tot Ion:117 Resp: 369660
Ion Ratio Lower Upper
117 100
82 56.1 46.7 70.1
119 31.7 26.4 39.6



#64
Tetrachloroethene
Concen: 106.163 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion:164 Resp: 352949
Ion Ratio Lower Upper
164 100
166 127.9 101.0 151.6
129 98.1 78.2 117.2
131 97.3 75.4 113.0





#65

Chlorobenzene

Concen: 144.919 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

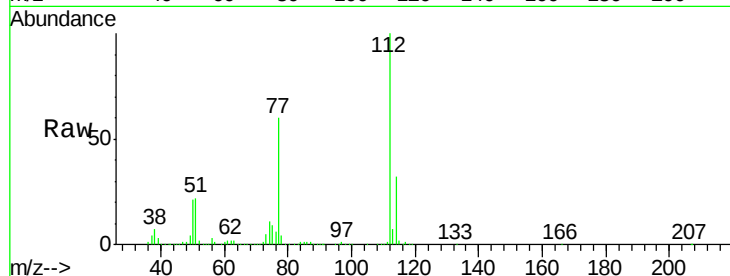
VSTDIC150

Tot Ion:112 Resp: 1094010

Ion Ratio Lower Upper

112 100

114 32.0 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

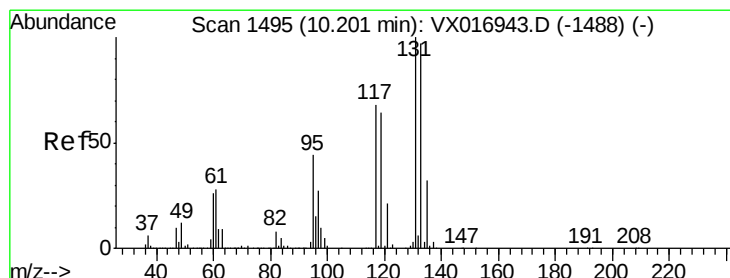
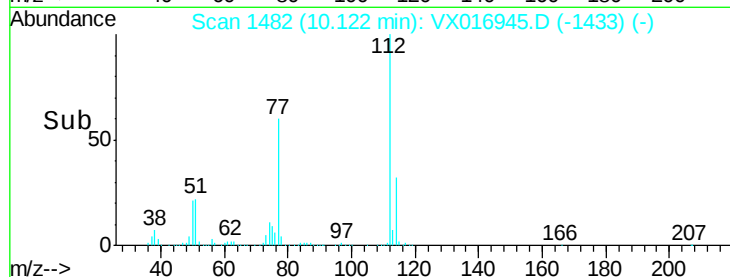
600000

400000

200000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 141.531 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

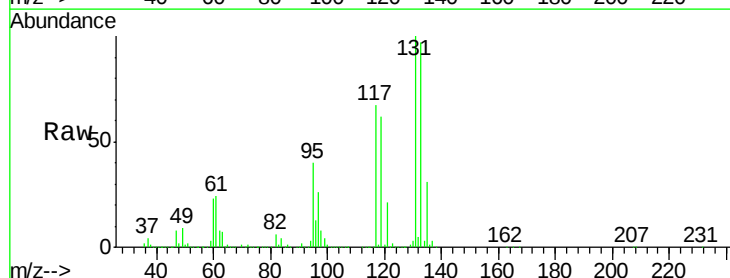
Tgt Ion:131 Resp: 415357

Ion Ratio Lower Upper

131 100

133 96.2 47.4 142.2

119 64.3 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

400000

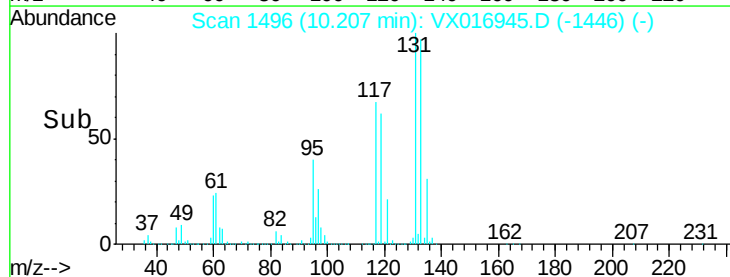
300000

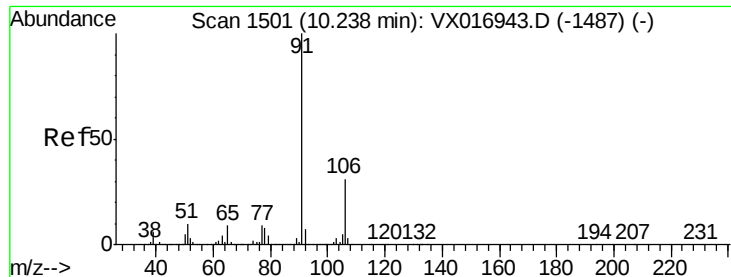
200000

100000

0

Time-->





#67

Ethyl Benzene

Concen: 154.219 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

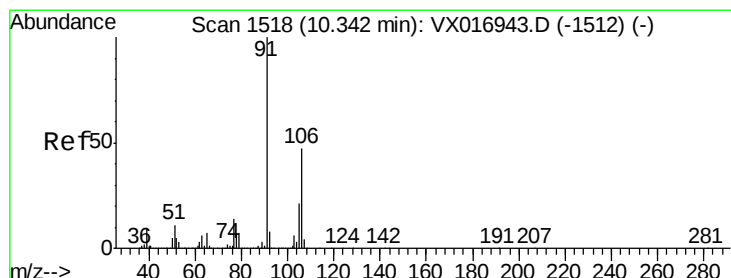
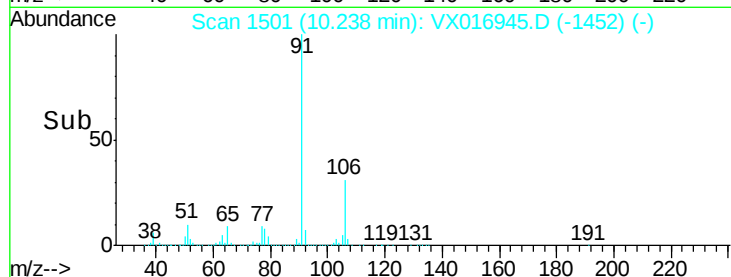
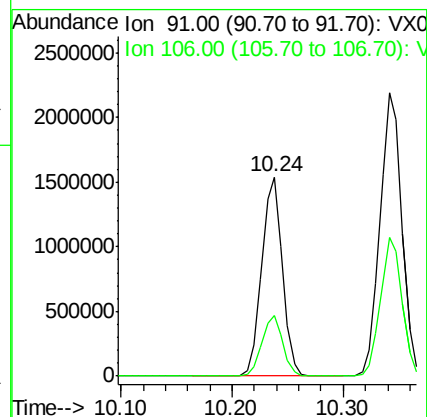
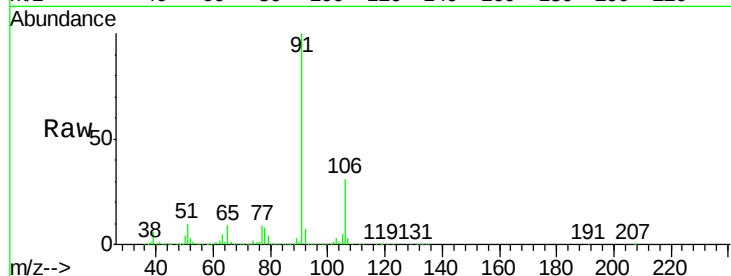
VSTDIC150

Tot Ion: 91 Resp: 1997024

Ion Ratio Lower Upper

91 100

106 30.7 24.6 37.0



#68

m/p-Xylenes

Concen: 291.953 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016945.D

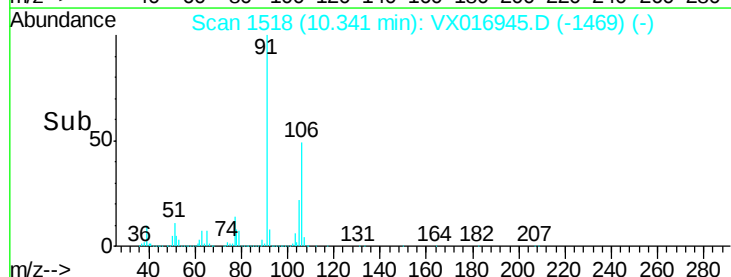
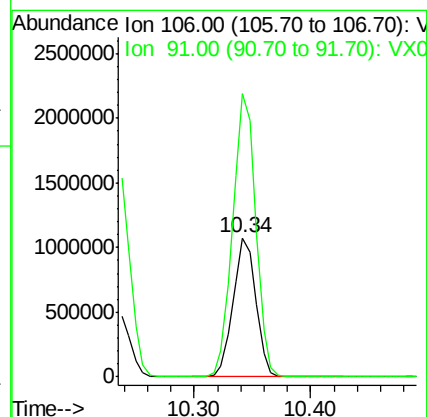
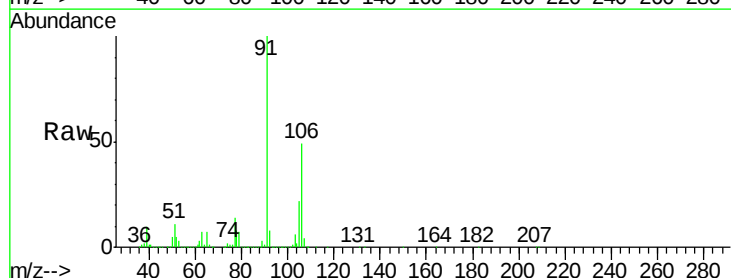
Acq: 24 Jun 2020 12:46

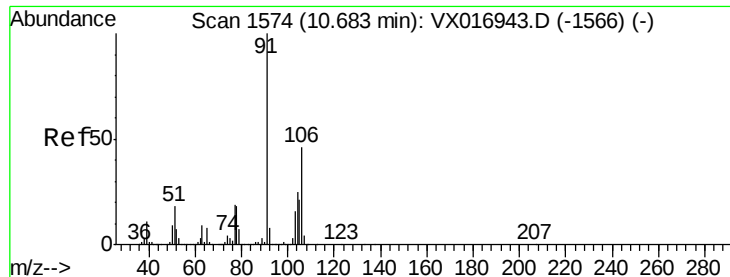
Tgt Ion: 106 Resp: 1461342

Ion Ratio Lower Upper

106 100

91 206.0 167.2 250.8

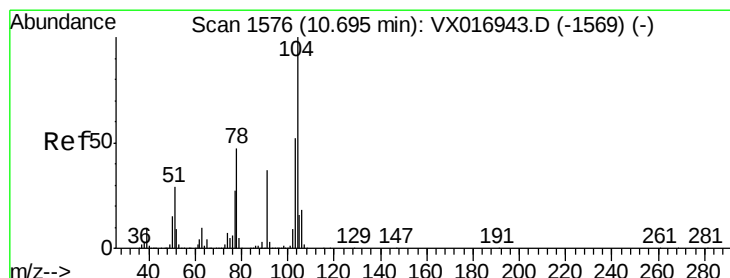
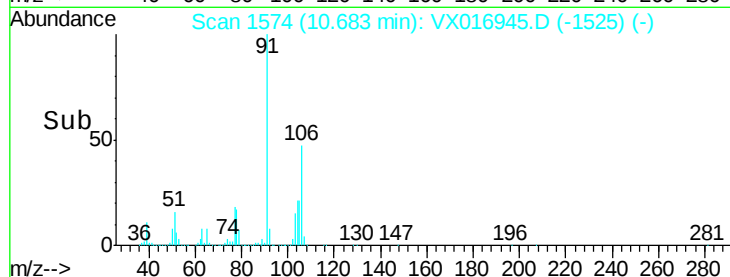
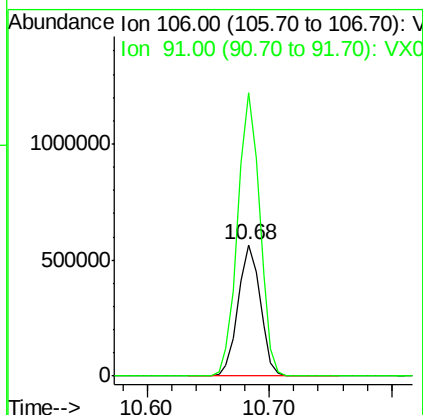
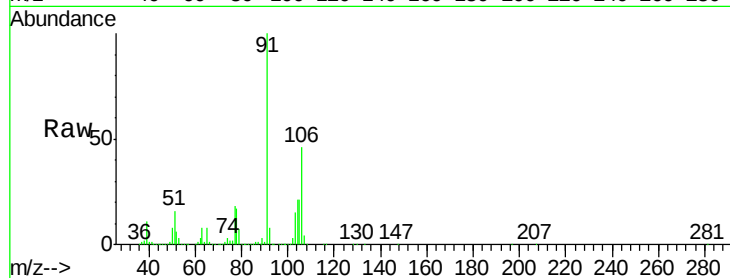




#69
o-Xylene
Concen: 152.683 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

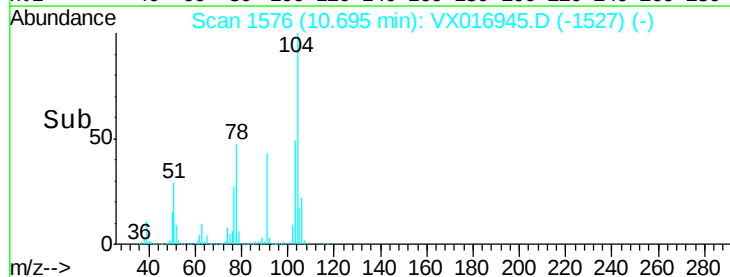
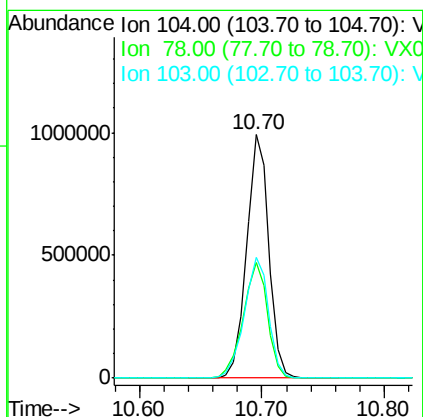
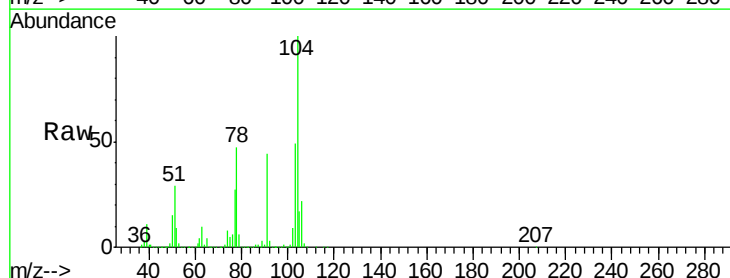
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

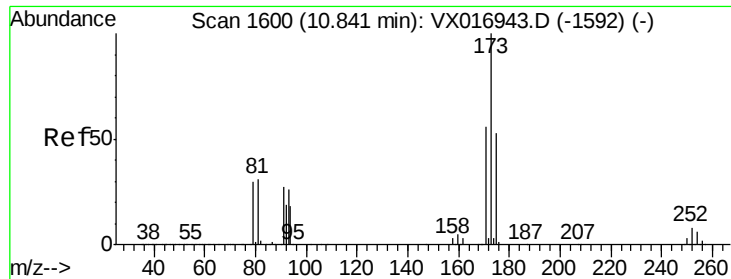
Tot Ion:106 Resp: 709531
Ion Ratio Lower Upper
106 100
91 214.7 109.6 328.6



#70
Styrene
Concen: 157.584 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion:104 Resp: 1247576
Ion Ratio Lower Upper
104 100
78 52.4 42.3 63.5
103 54.2 43.8 65.6





#71

Bromoform

Concen: 140.802 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

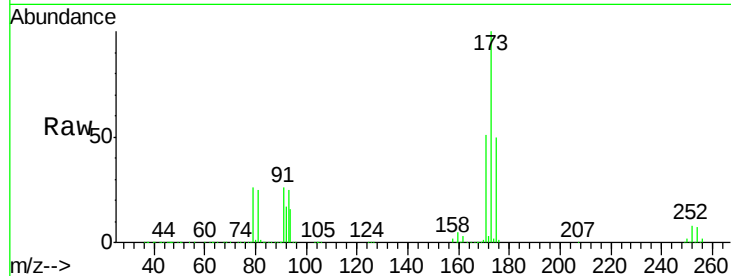
Tot Ion:173 Resp: 343887

Ion Ratio Lower Upper

173 100

175 48.1 24.9 74.6

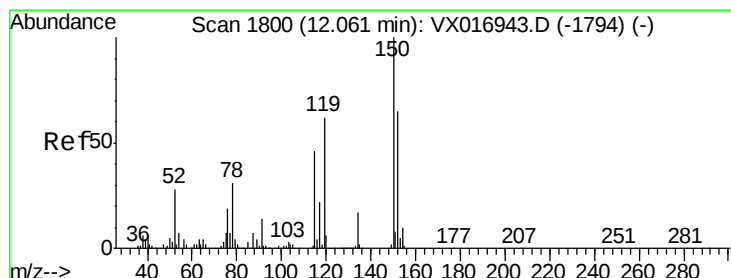
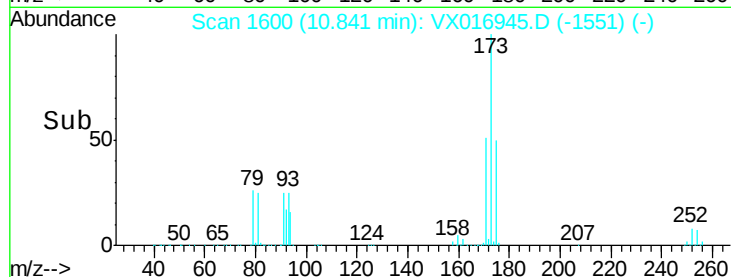
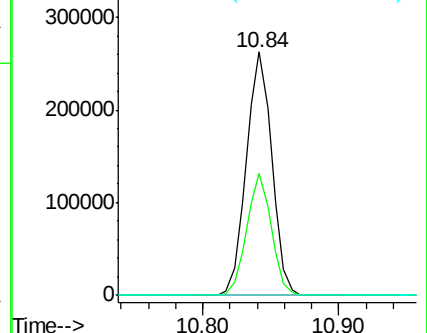
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

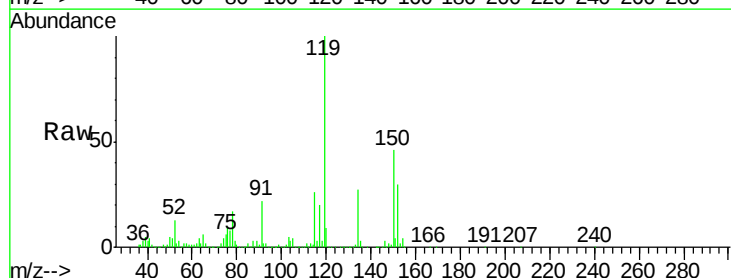
Tgt Ion:152 Resp: 162795

Ion Ratio Lower Upper

152 100

115 138.5 43.4 130.2#

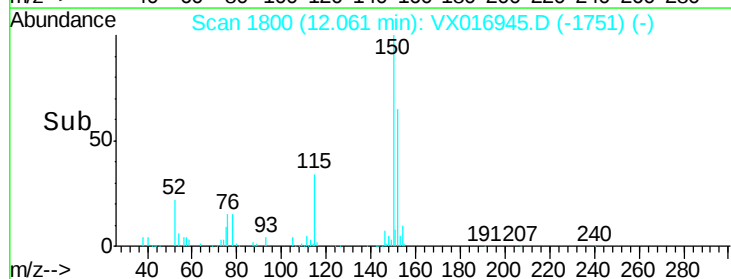
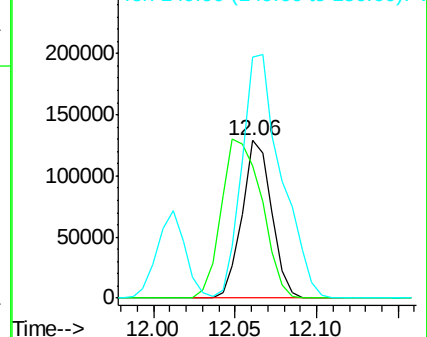
150 205.4 0.0 343.6

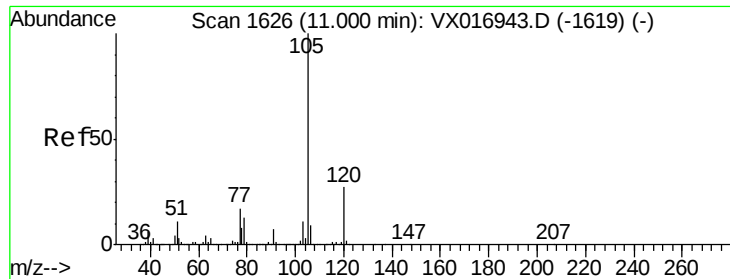


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 166.079 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

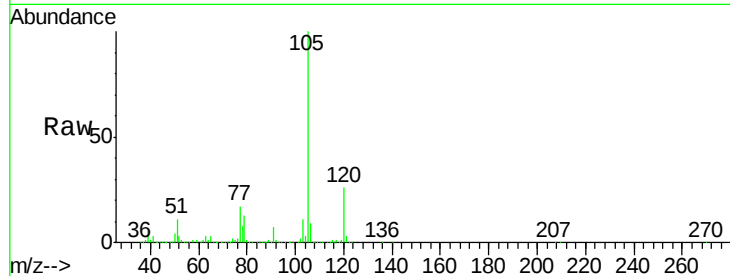
VSTDIC150

Tot Ion:105 Resp: 1769090

Ion Ratio Lower Upper

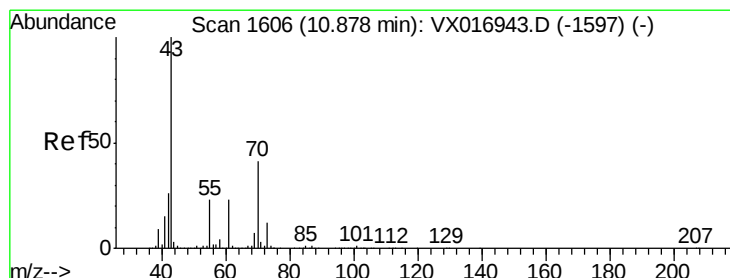
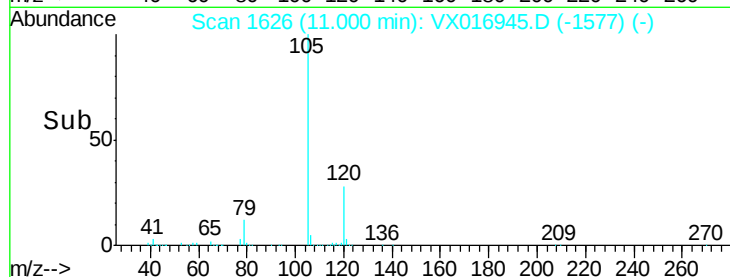
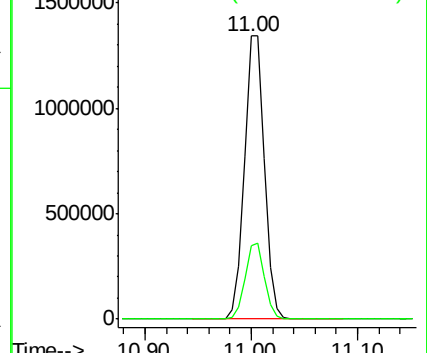
105 100

120 26.1 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 226.474 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Tgt Ion: 43 Resp: 904265

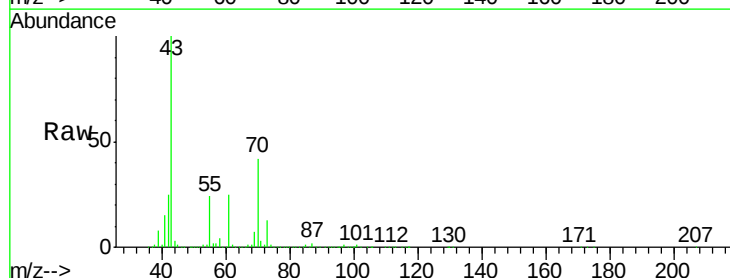
Ion Ratio Lower Upper

43 100

70 41.1 33.0 49.4

55 23.2 19.0 28.4

61 24.0 18.6 28.0

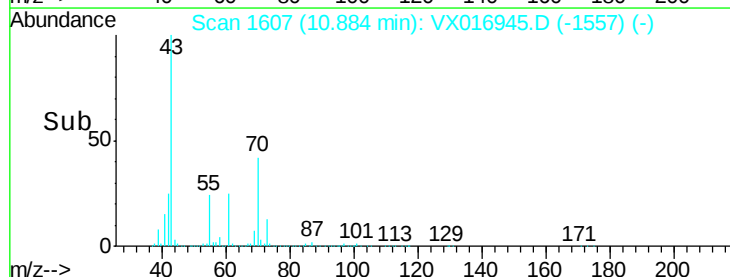
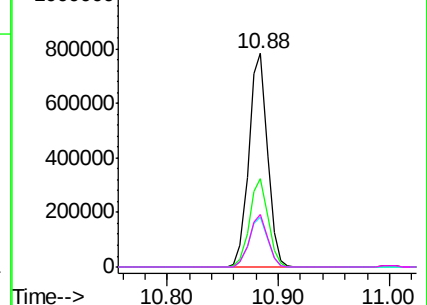


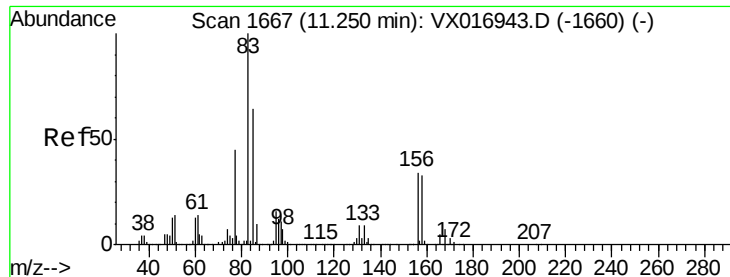
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 187.690 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

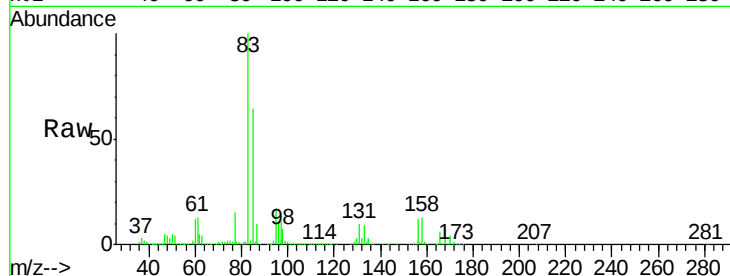
Tot Ion: 83 Resp: 583107

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

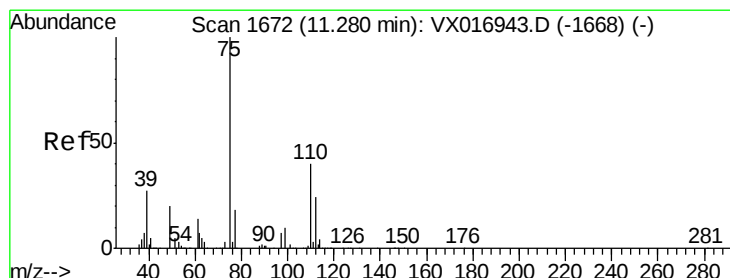
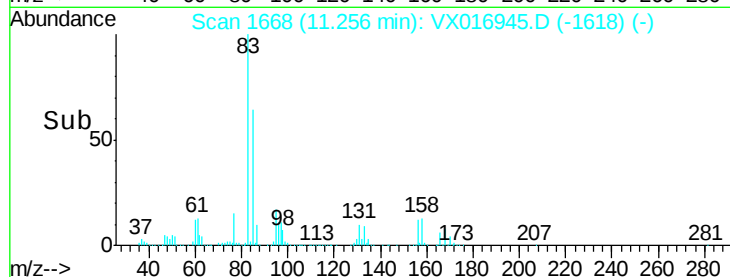
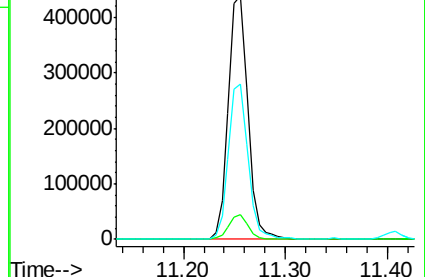
85 64.2 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 174.233 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016945.D

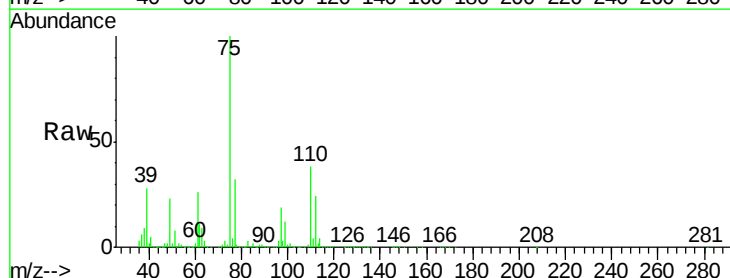
Acq: 24 Jun 2020 12:46

Tgt Ion: 75 Resp: 538814

Ion Ratio Lower Upper

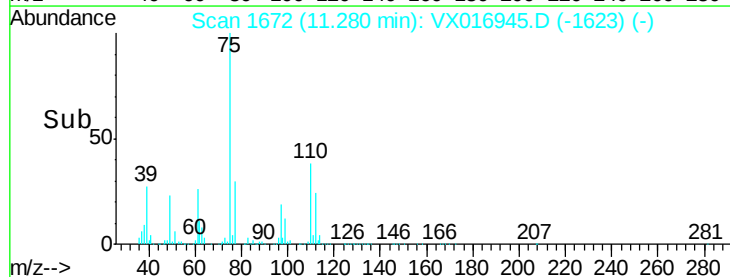
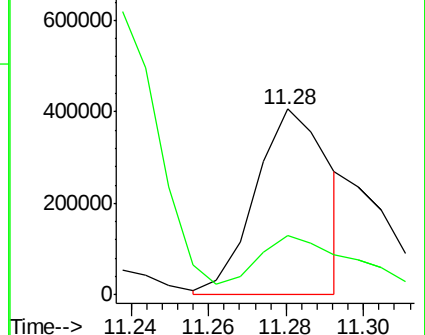
75 100

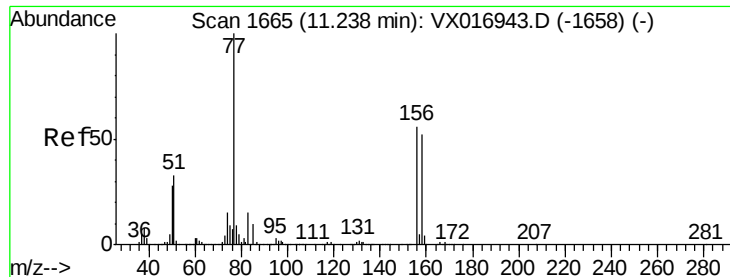
77 43.4 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 153.875 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

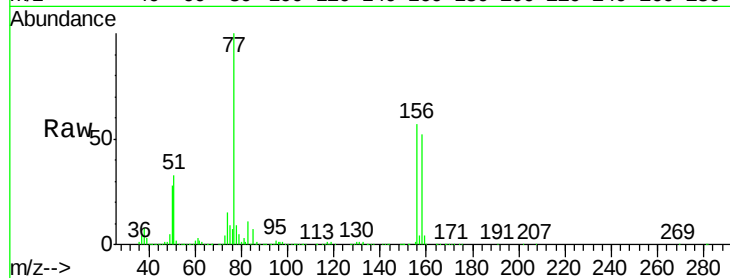
Tot Ion:156 Resp: 439074

Ion Ratio Lower Upper

156 100

77 175.3 88.6 265.9

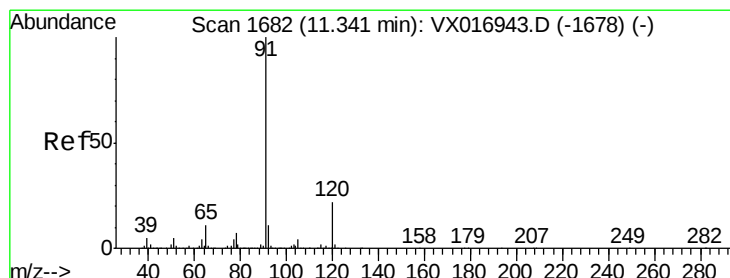
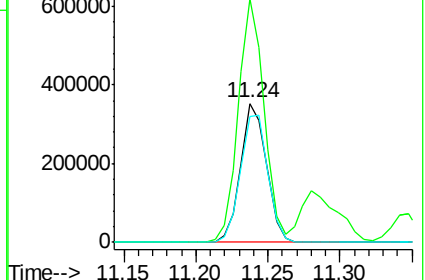
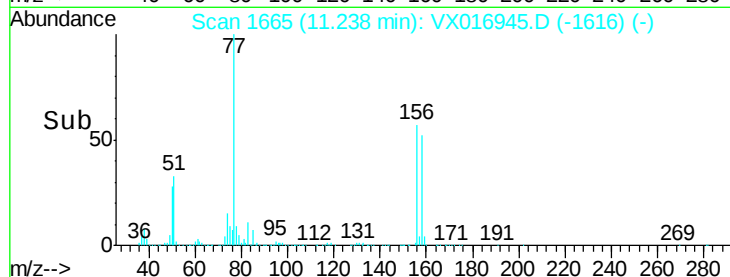
158 97.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 188.187 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016945.D

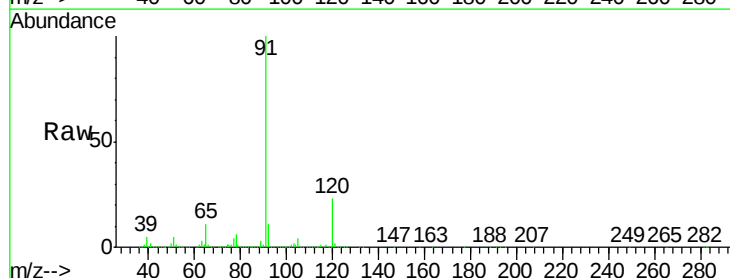
Acq: 24 Jun 2020 12:46

Tgt Ion: 91 Resp: 2258391

Ion Ratio Lower Upper

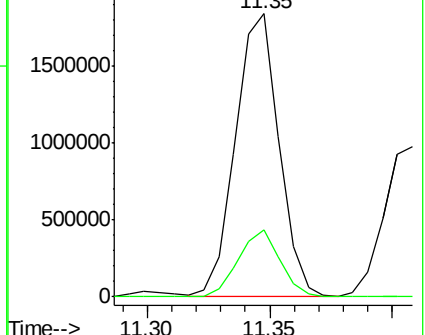
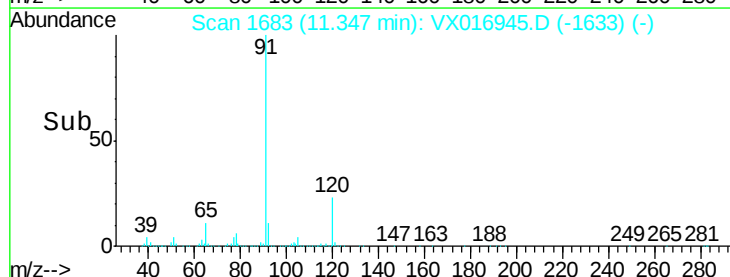
91 100

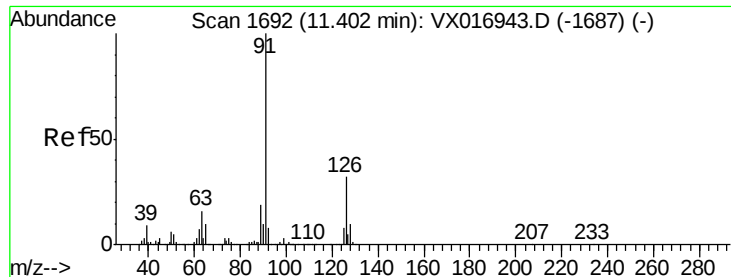
120 22.7 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 169.666 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

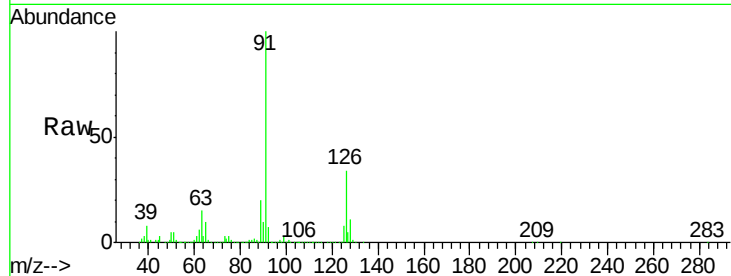
VSTDIC150

Tot Ion: 91 Resp: 1244710

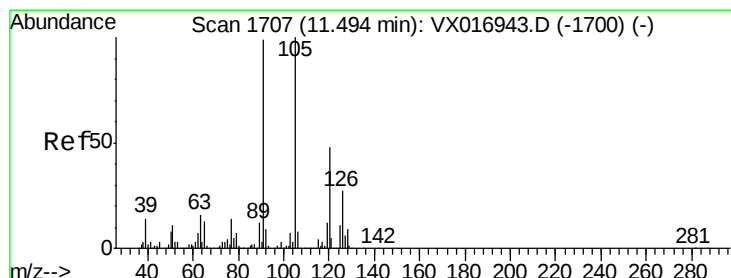
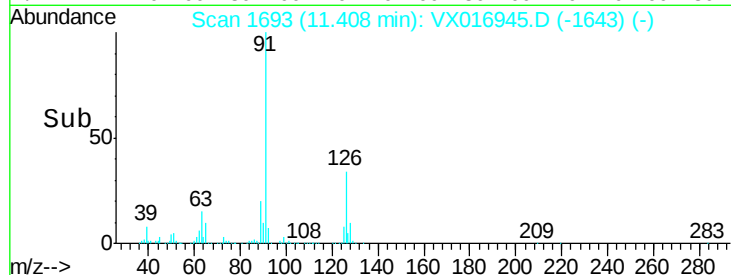
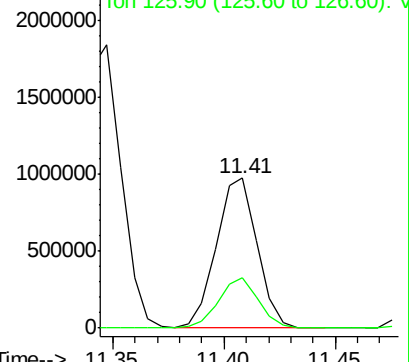
Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX016945.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 169.950 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016945.D

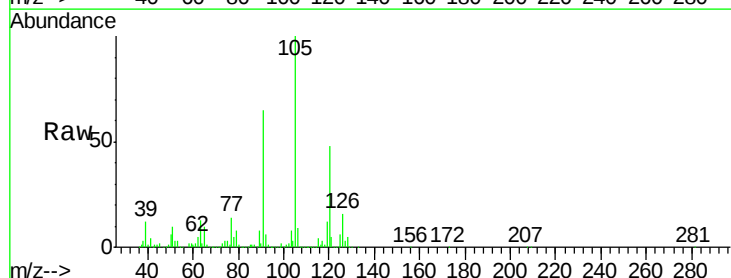
Acq: 24 Jun 2020 12:46

Tgt Ion: 105 Resp: 1554685

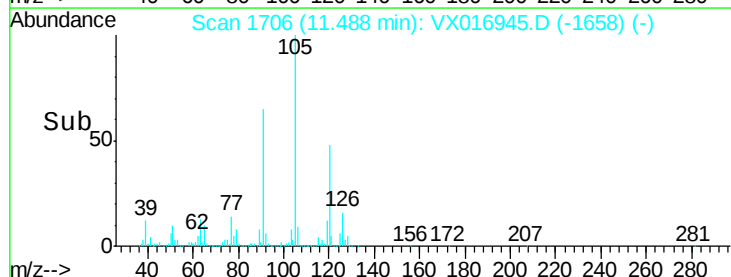
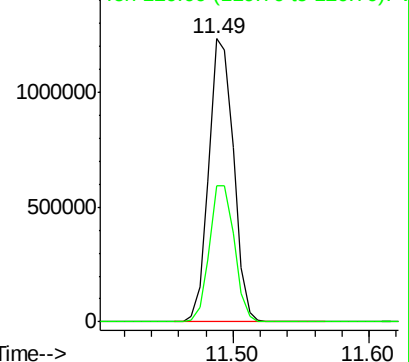
Ion Ratio Lower Upper

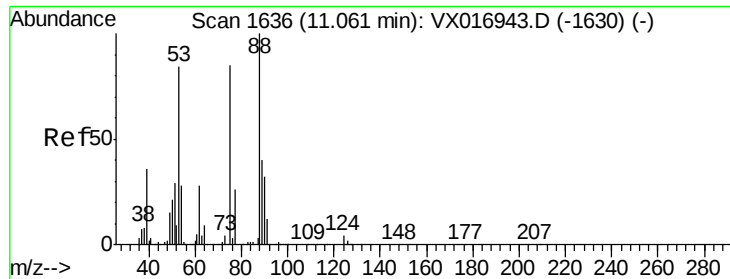
105 100

120 48.7 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX016945.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 178.249 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

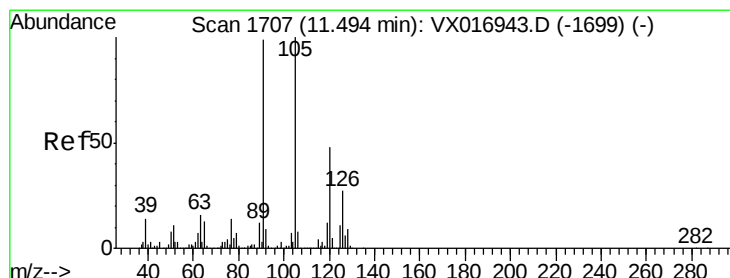
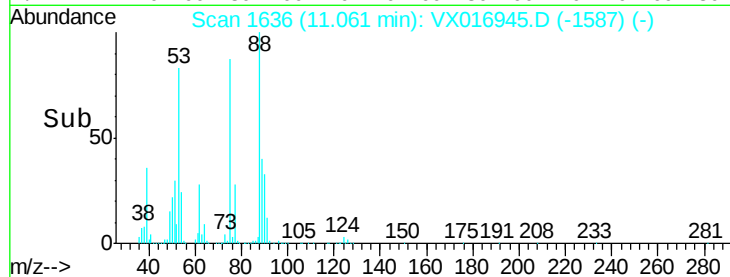
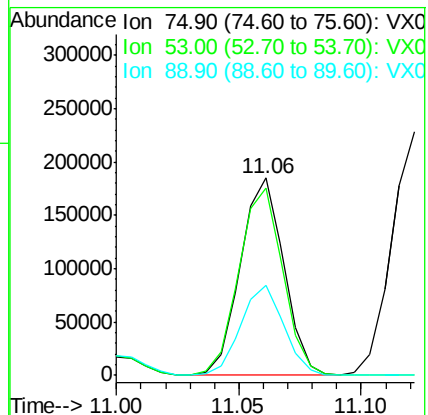
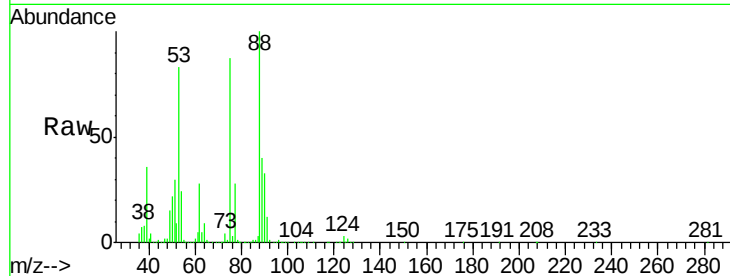
Tot Ion: 75 Resp: 226519

Ion Ratio Lower Upper

75 100

53 96.5 79.8 119.8

89 45.4 37.4 56.2



#82

4-Chlorotoluene

Concen: 173.840 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016945.D

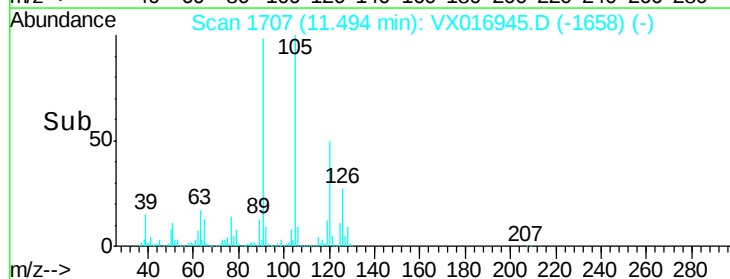
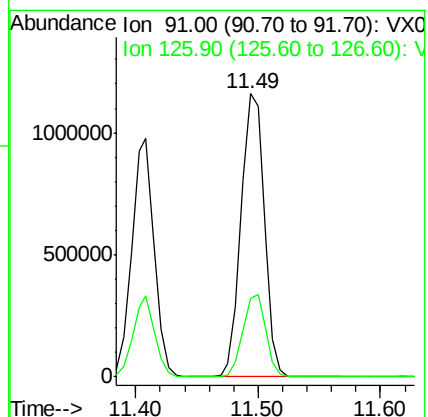
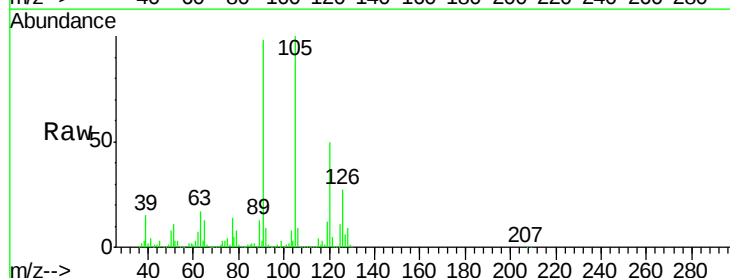
Acq: 24 Jun 2020 12:46

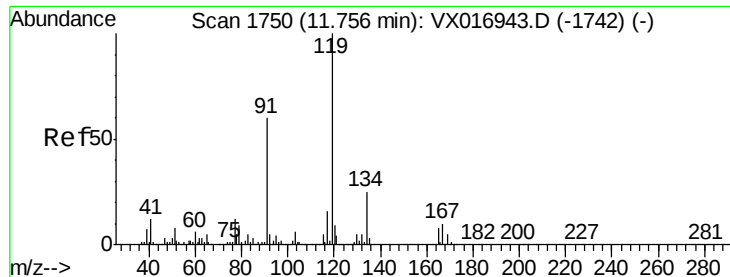
Tgt Ion: 91 Resp: 1525188

Ion Ratio Lower Upper

91 100

126 28.6 14.1 42.4

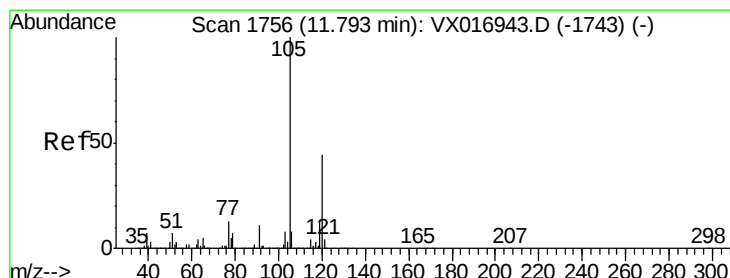
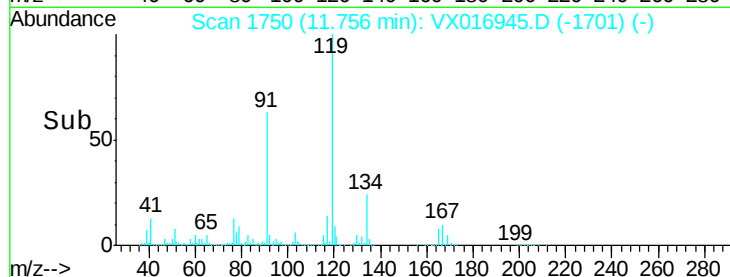
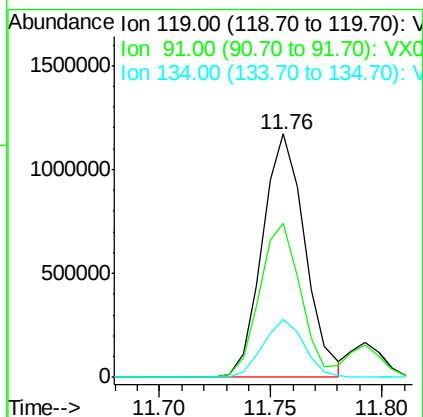
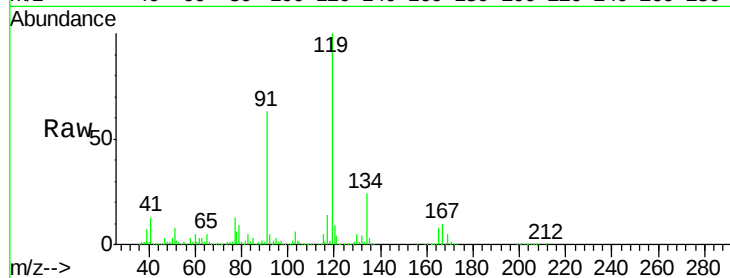




#83
 tert-Butylbenzene
 Concen: 171.472 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

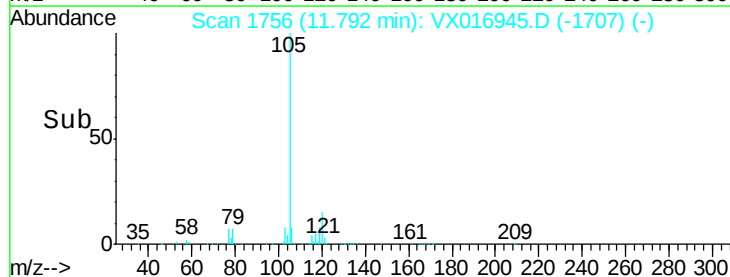
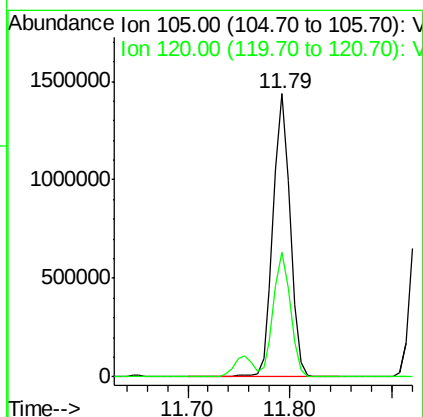
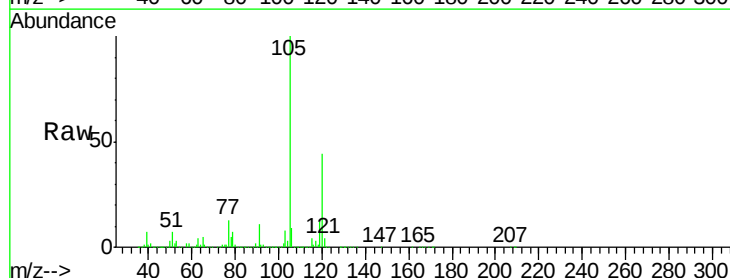
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

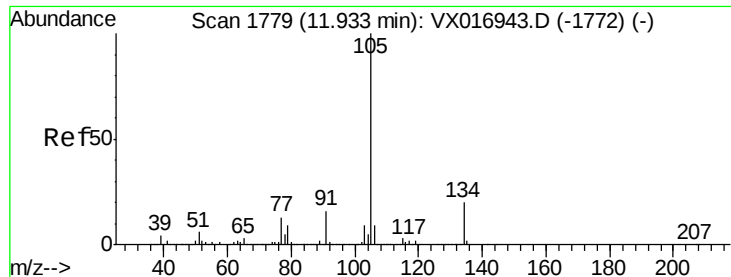
Tot Ion:119 Resp: 1557313
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.0 90.1
 134 22.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 175.112 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016945.D
 Acq: 24 Jun 2020 12:46

Tgt Ion:105 Resp: 1653477
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.8 65.4





#85

sec-Butylbenzene

Concen: 173.904 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

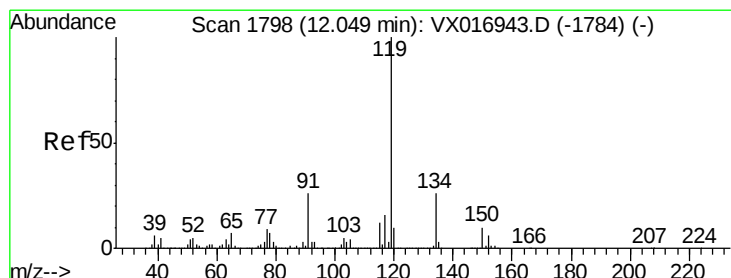
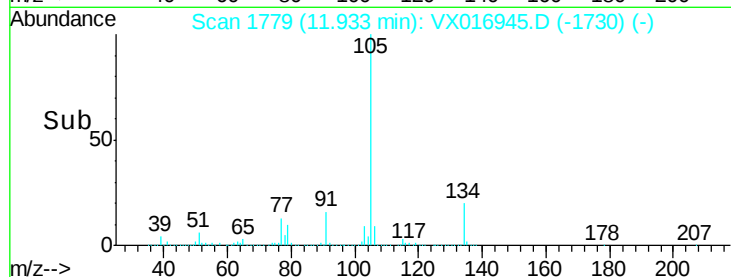
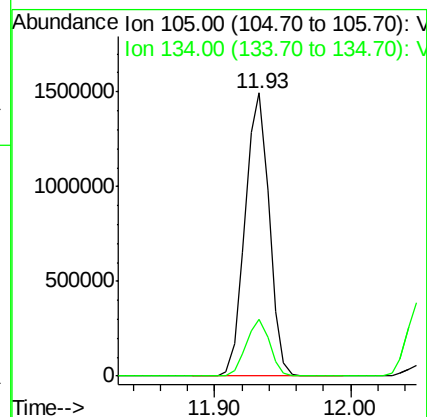
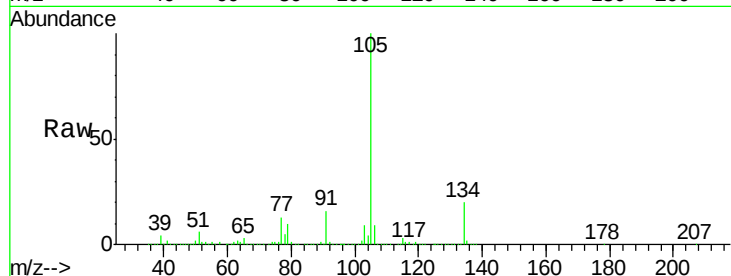
VSTDIC150

Tot Ion:105 Resp: 1840214

Ion Ratio Lower Upper

105 100

134 19.6 9.9 29.7



#86

p-Isopropyltoluene

Concen: 171.700 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

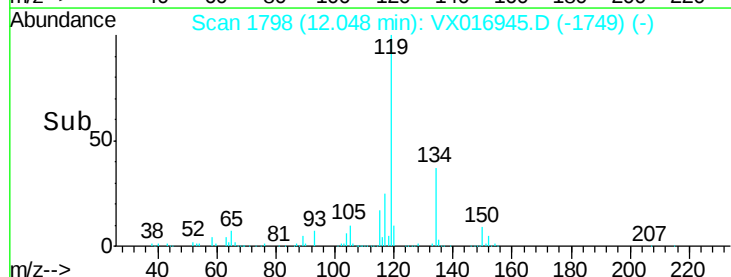
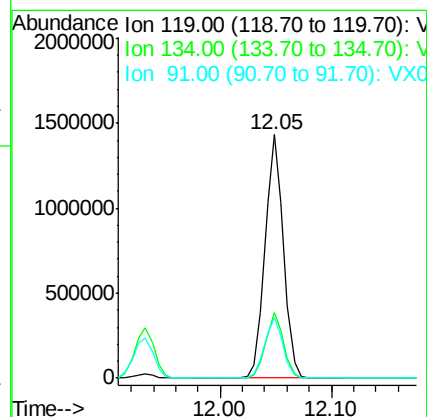
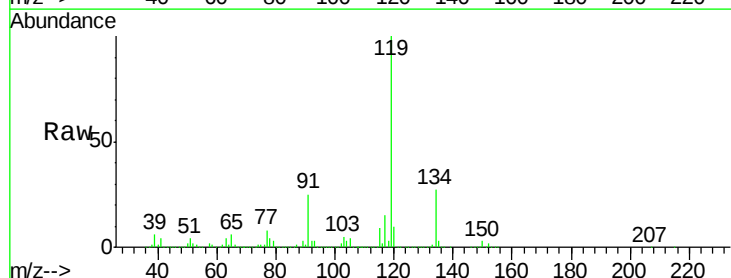
Tgt Ion:119 Resp: 1647270

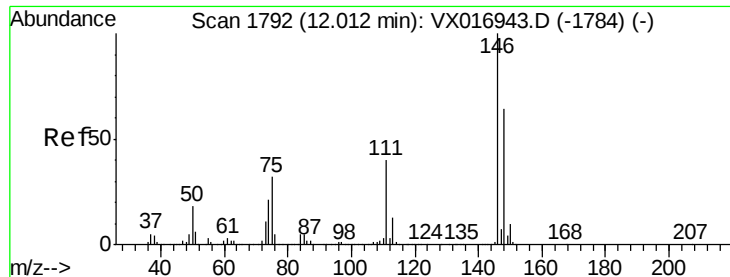
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 25.0 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 160.622 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

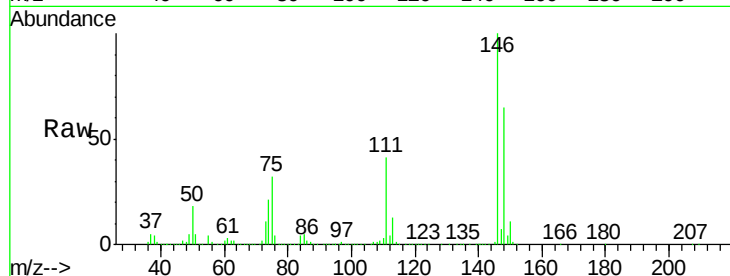
Tot Ion:146 Resp: 833430

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

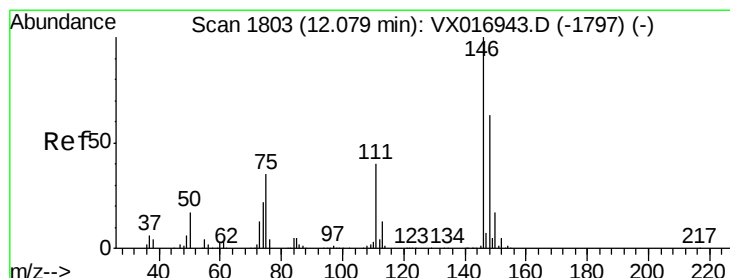
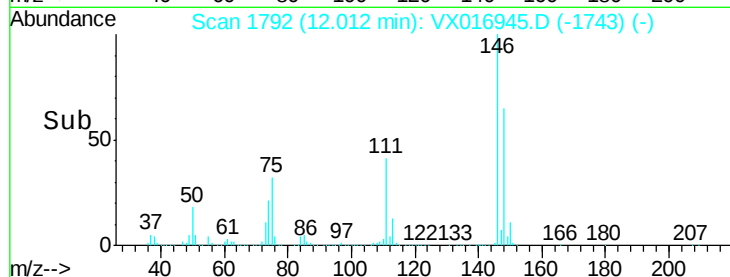
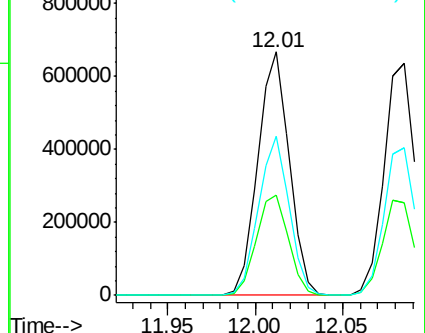
148 63.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 148.869 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

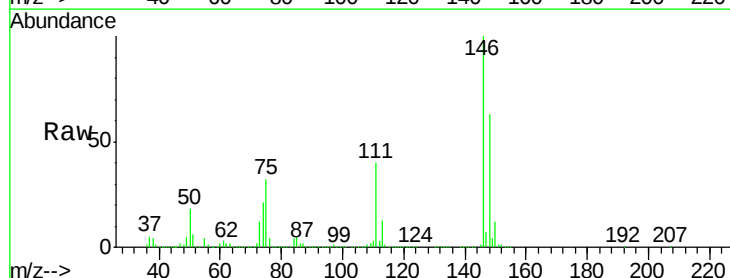
Tgt Ion:146 Resp: 786394

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

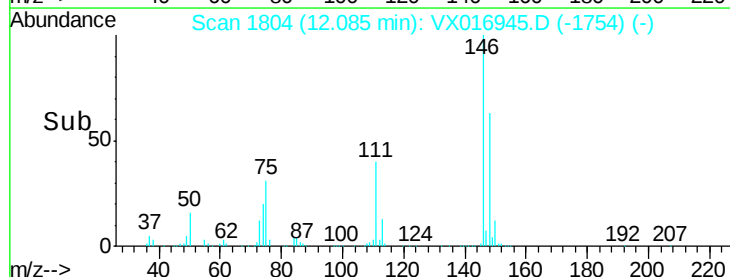
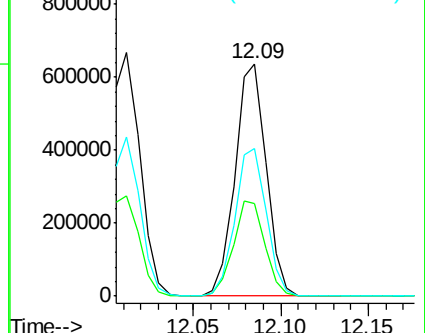
148 64.1 31.4 94.2

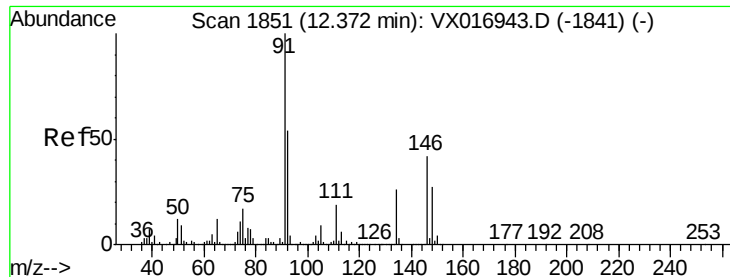


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

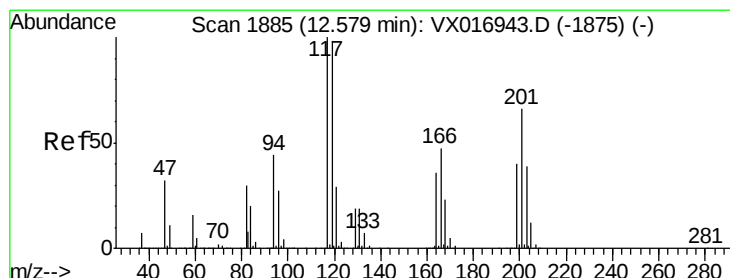
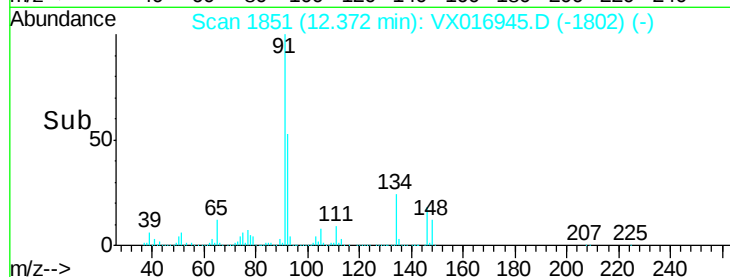
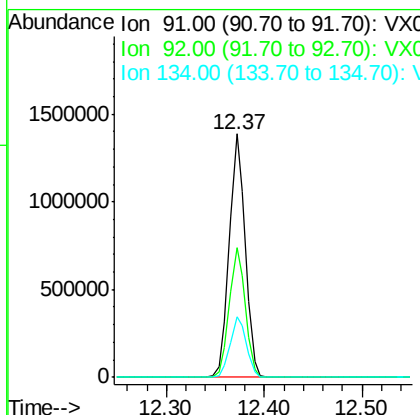
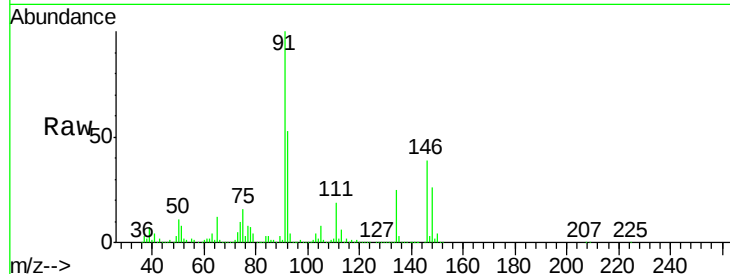




#89
n-Butylbenzene
Concen: 187.091 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

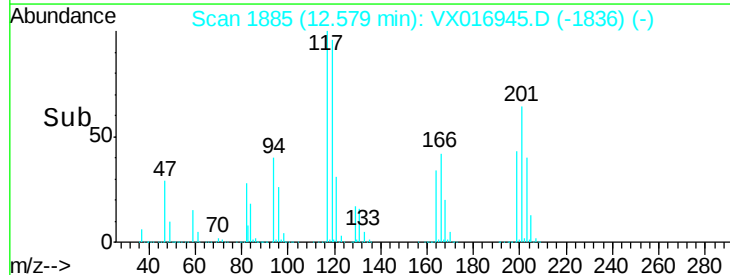
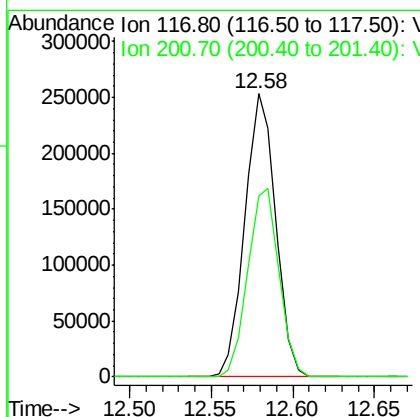
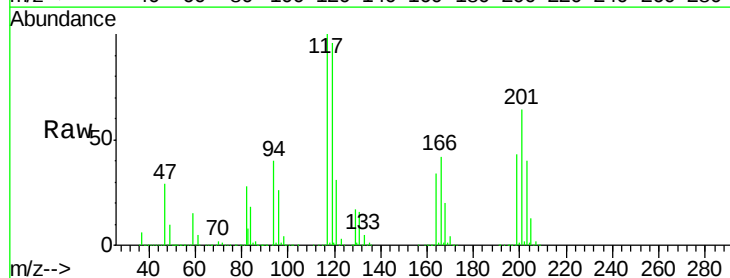
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

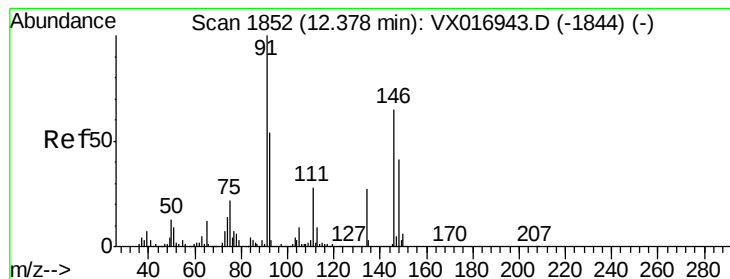
Tot Ion: 91 Resp: 1568052
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.7
134 25.2 12.4 37.4



#90
Hexachloroethane
Concen: 190.929 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016945.D
Acq: 24 Jun 2020 12:46

Tgt Ion: 117 Resp: 334444
Ion Ratio Lower Upper
117 100
201 67.4 31.9 95.9





#91

1,2-Dichlorobenzene

Concen: 154.963 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

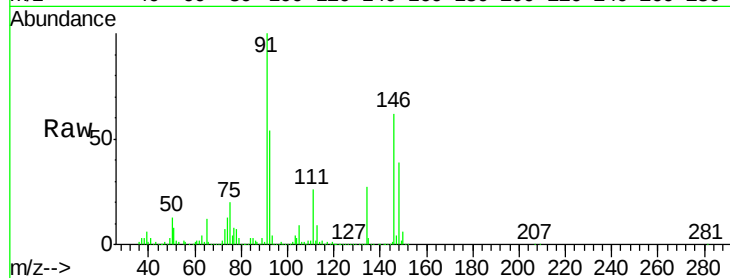
Tot Ion:146 Resp: 783813

Ion Ratio Lower Upper

146 100

111 43.9 21.5 64.5

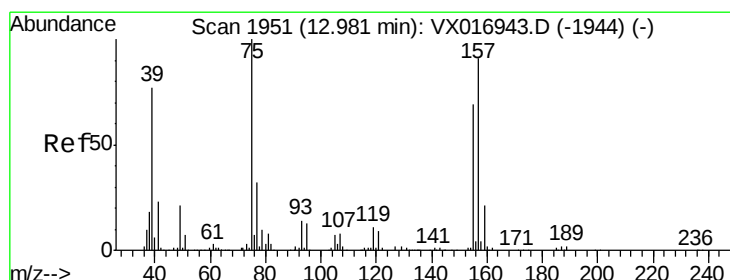
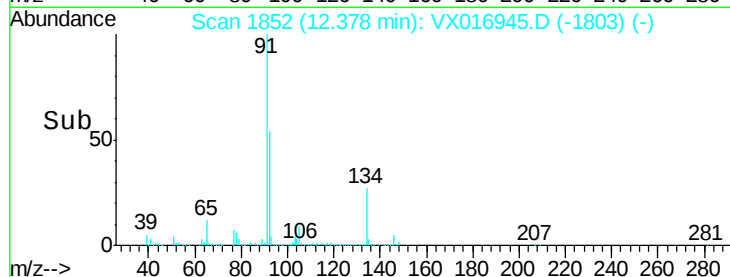
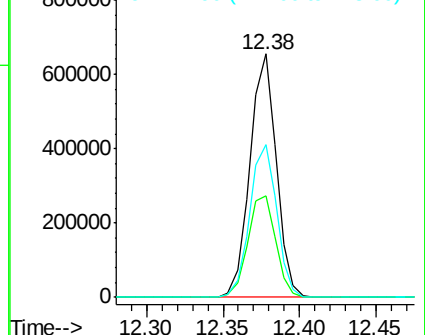
148 64.0 31.4 94.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 204.134 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

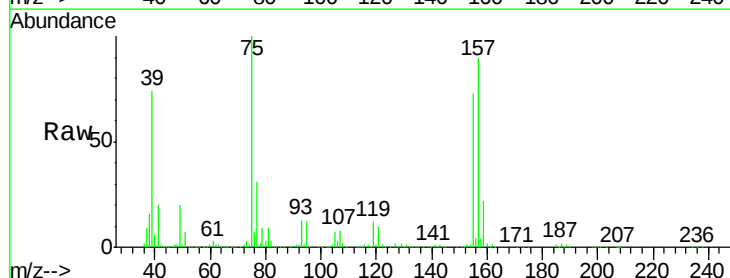
Tgt Ion: 75 Resp: 148416

Ion Ratio Lower Upper

75 100

155 78.4 38.6 115.8

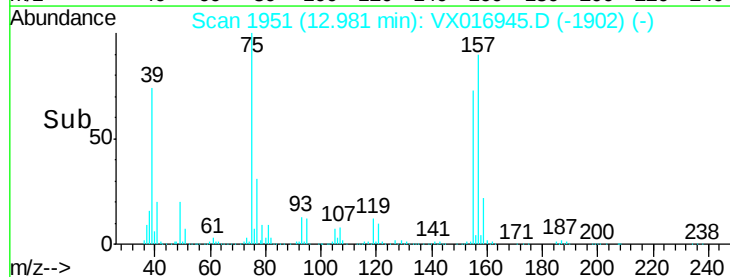
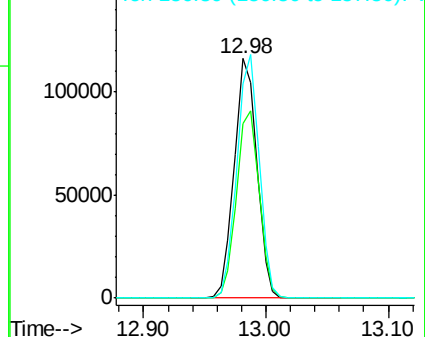
157 99.1 48.6 145.8

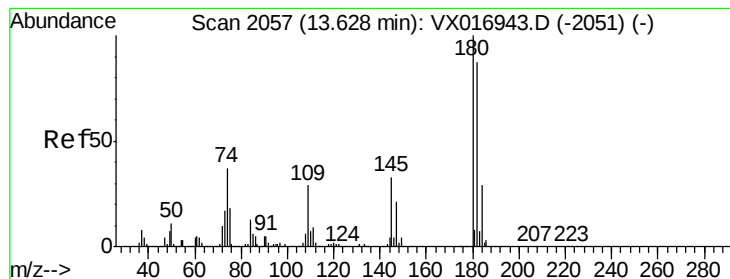


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 162.362 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

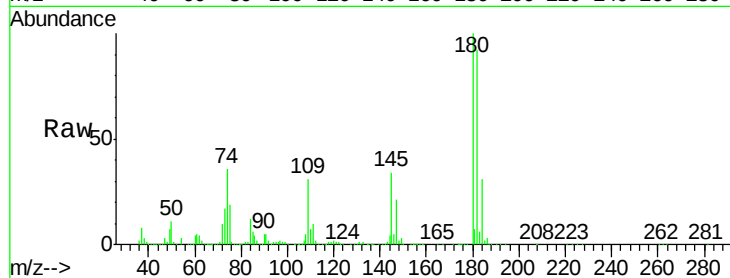
Tot Ion:180 Resp: 532404

Ion Ratio Lower Upper

180 100

182 95.6 46.0 137.8

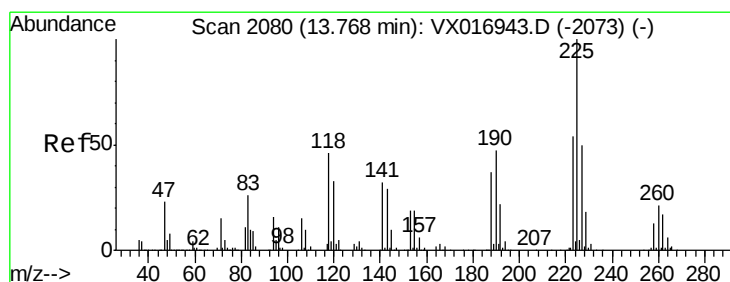
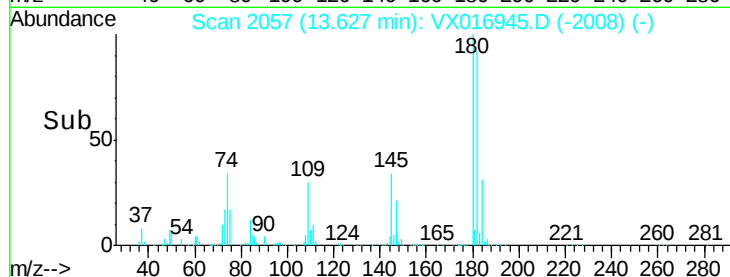
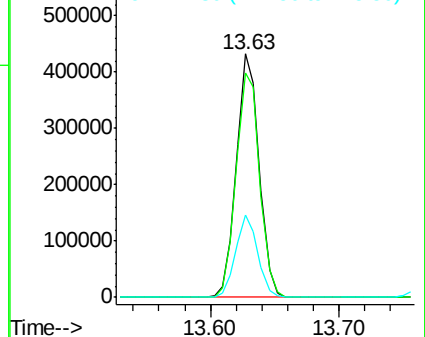
145 32.8 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 133.216 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

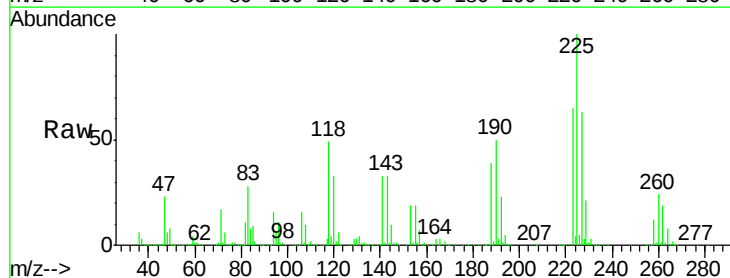
Tgt Ion:225 Resp: 193698

Ion Ratio Lower Upper

225 100

223 63.5 30.4 91.2

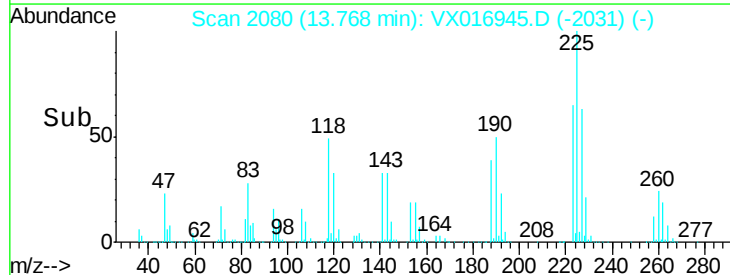
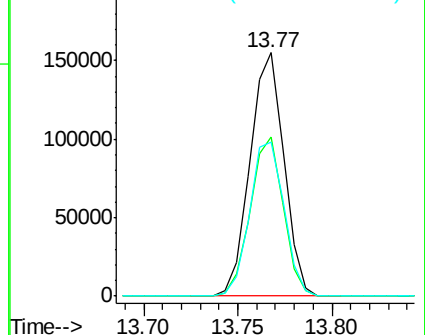
227 64.3 29.8 89.3

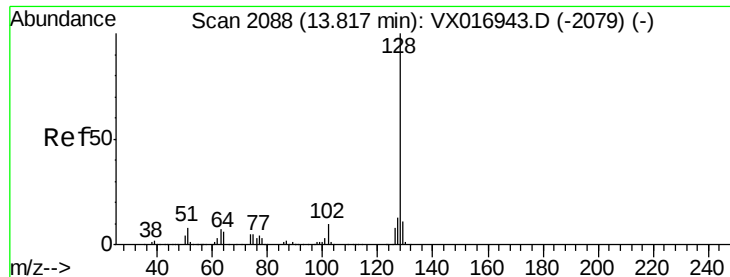


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 190.522 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

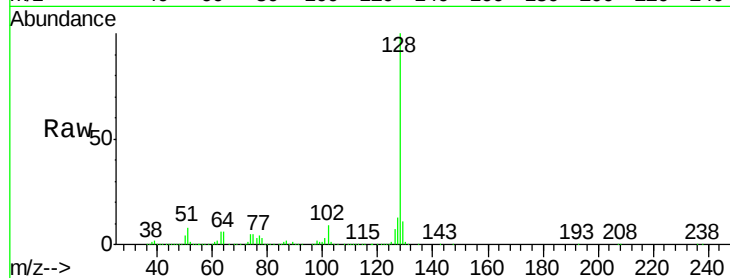
Tot Ion:128 Resp: 1899084

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

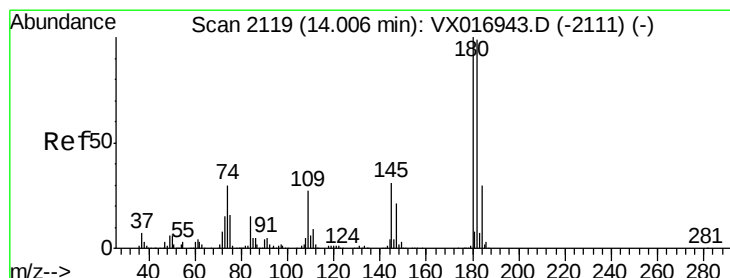
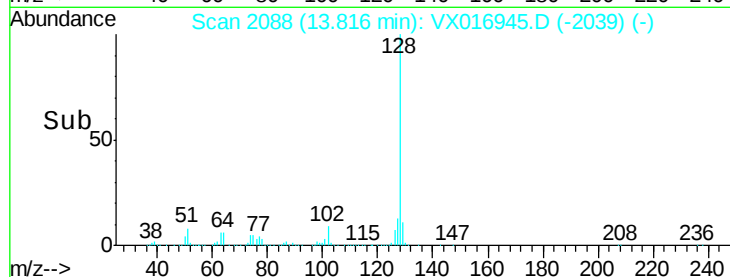
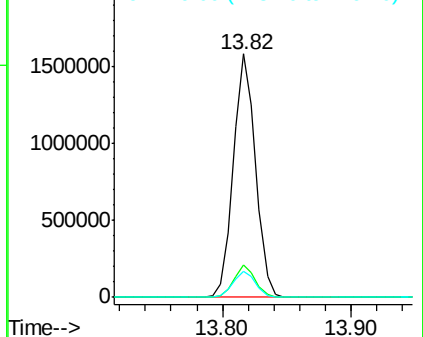
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 164.034 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016945.D

Acq: 24 Jun 2020 12:46

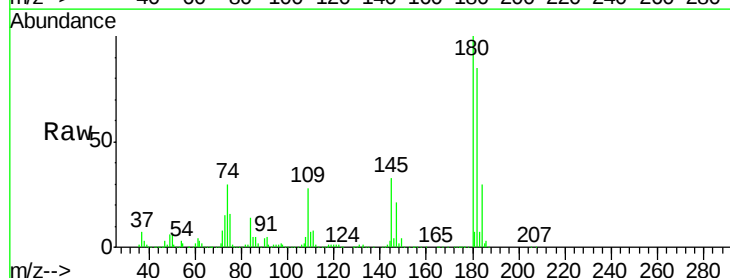
Tgt Ion:180 Resp: 530447

Ion Ratio Lower Upper

180 100

182 91.6 47.6 142.9

145 34.0 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

