

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062420\
 Data File : VX016944.D
 Acq On : 24 Jun 2020 12:24
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 24 13:06:02 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	5.63	168	203470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	355664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	330365	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	161248	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	320077	123.52	ug/l	0.00
Spiked Amount			Recovery	=	247.04%	
35) Dibromofluoromethane	5.47	113	238608	104.23	ug/l	0.00
Spiked Amount			Recovery	=	208.46%	
50) Toluene-d8	8.70	98	891397	98.41	ug/l	0.00
Spiked Amount			Recovery	=	196.82%	
62) 4-Bromofluorobenzene	11.12	95	358174	101.52	ug/l	0.00
Spiked Amount			Recovery	=	203.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	203044	87.774	ug/l	99
3) Chloromethane	1.31	50	206891	82.777	ug/l	97
4) Vinyl Chloride	1.39	62	210227	77.171	ug/l	100
5) Bromomethane	1.62	94	111791	67.944	ug/l	99
6) Chloroethane	1.70	64	147082	84.952	ug/l	100
7) Trichlorofluoromethane	1.91	101	368841	92.824	ug/l	98
8) Diethyl Ether	2.17	74	134733	87.212	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202055	94.905	ug/l	100
10) Methyl Iodide	2.49	142	294015	136.469	ug/l	98
11) Tert butyl alcohol	3.03	59	309762	691.312	ug/l	99
12) 1,1-Dichloroethene	2.35	96	203757	94.143	ug/l	99
13) Acrolein	2.28	56	214781	741.876	ug/l	98
14) Allyl chloride	2.70	41	430248	139.004	ug/l	98
15) Acrylonitrile	3.12	53	701219	693.613	ug/l	100
16) Acetone	2.42	43	570679	599.505	ug/l	99
17) Carbon Disulfide	2.54	76	648080	110.935	ug/l	100
18) Methyl Acetate	2.75	43	296737	126.415	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	815765	126.522	ug/l	99
20) Methylene Chloride	2.84	84	254105	115.101	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	247915	117.321	ug/l	97
22) Diisopropyl ether	3.83	45	827153	138.413	ug/l	99
23) Vinyl Acetate	3.79	43	3794133	759.668	ug/l	100
24) 1,1-Dichloroethane	3.67	63	464770	128.747	ug/l	99
25) 2-Butanone	4.64	43	986043	743.084	ug/l	99
26) 2,2-Dichloropropane	4.56	77	398765	119.579	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	276302	116.220	ug/l	100
28) Bromochloromethane	4.98	49	211880	139.608	ug/l	98
29) Tetrahydrofuran	5.09	42	654050	774.166	ug/l	100
30) Chloroform	5.18	83	465824	122.809	ug/l	98
31) Cyclohexane	5.55	56	407456	127.335	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	423454	118.780	ug/l	99
36) 1,1-Dichloropropene	5.77	75	349870	104.633	ug/l	99
37) Ethyl Acetate	4.80	43	393866	128.740	ug/l	99
38) Carbon Tetrachloride	5.76	117	382259	103.037	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	407570	107.038	ug/l	99
40) Benzene	6.11	78	1000191	100.282	ug/l	99
41) Methacrylonitrile	5.01	41	226534	135.945	ug/l	98
42) 1,2-Dichloroethane	6.17	62	390423	108.138	ug/l	99
43) Isopropyl Acetate	6.42	43	652270	123.988	ug/l	99
44) Trichloroethene	7.19	130	276244	95.514	ug/l	99
45) 1,2-Dichloropropane	7.49	63	264065	104.539	ug/l	100
46) Dibromomethane	7.64	93	178446	104.321	ug/l	97
47) Bromodichloromethane	7.88	83	391488	107.366	ug/l	98
48) Methyl methacrylate	7.74	41	323312	128.543	ug/l	98
49) 1,4-Dioxane	7.71	88	129722	2363.284	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1973911	619.555	ug/l	99
52) Toluene	8.77	92	612893	93.200	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	447111	111.683	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	463129	108.424	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	256730	104.421	ug/l	100
56) Ethyl methacrylate	9.16	69	418613	117.277	ug/l	99
57) 1,3-Dichloropropane	9.35	76	457105	108.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1119313	647.128	ug/l	99
59) 2-Hexanone	9.48	43	1525595	658.560	ug/l	100
60) Dibromochloromethane	9.57	129	311587	106.290	ug/l	100
61) 1,2-Dibromoethane	9.65	107	290061	107.817	ug/l	98
64) Tetrachloroethene	9.32	164	242532	81.628	ug/l	97
65) Chlorobenzene	10.12	112	667304	98.909	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	271093	103.361	ug/l	99
67) Ethyl Benzene	10.24	91	1278141	110.444	ug/l	99
68) m/p-Xylenes	10.34	106	937411	209.556	ug/l	98
69) o-Xylene	10.68	106	461473	111.115	ug/l	99
70) Styrene	10.70	104	813922	115.036	ug/l	99
71) Bromoform	10.84	173	219796	100.698	ug/l	98
73) Isopropylbenzene	11.00	105	1272894	120.644	ug/l	100
74) N-amyl acetate	10.88	43	608396	153.835	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	371323	120.668	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	370379m	120.916	ug/l	
77) Bromobenzene	11.24	156	296073	104.755	ug/l	96
78) n-propylbenzene	11.35	91	1431127	120.397	ug/l	99
79) 2-Chlorotoluene	11.40	91	843876	116.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1035363	114.266	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	156732	124.516	ug/l	97
82) 4-Chlorotoluene	11.49	91	1013892	116.671	ug/l	99
83) tert-Butylbenzene	11.76	119	1014890	112.819	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1025217	109.618	ug/l	98
85) sec-Butylbenzene	11.93	105	1211288	115.567	ug/l	99
86) p-Isopropyltoluene	12.05	119	1084138	114.087	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	534883	104.074	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	498279	95.232	ug/l	99
89) n-Butylbenzene	12.37	91	992382	119.541	ug/l	100
90) Hexachloroethane	12.58	117	209529	120.765	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	496478	99.097	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94381	131.059	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 12:24:11 2020
Response via : Initial Calibration

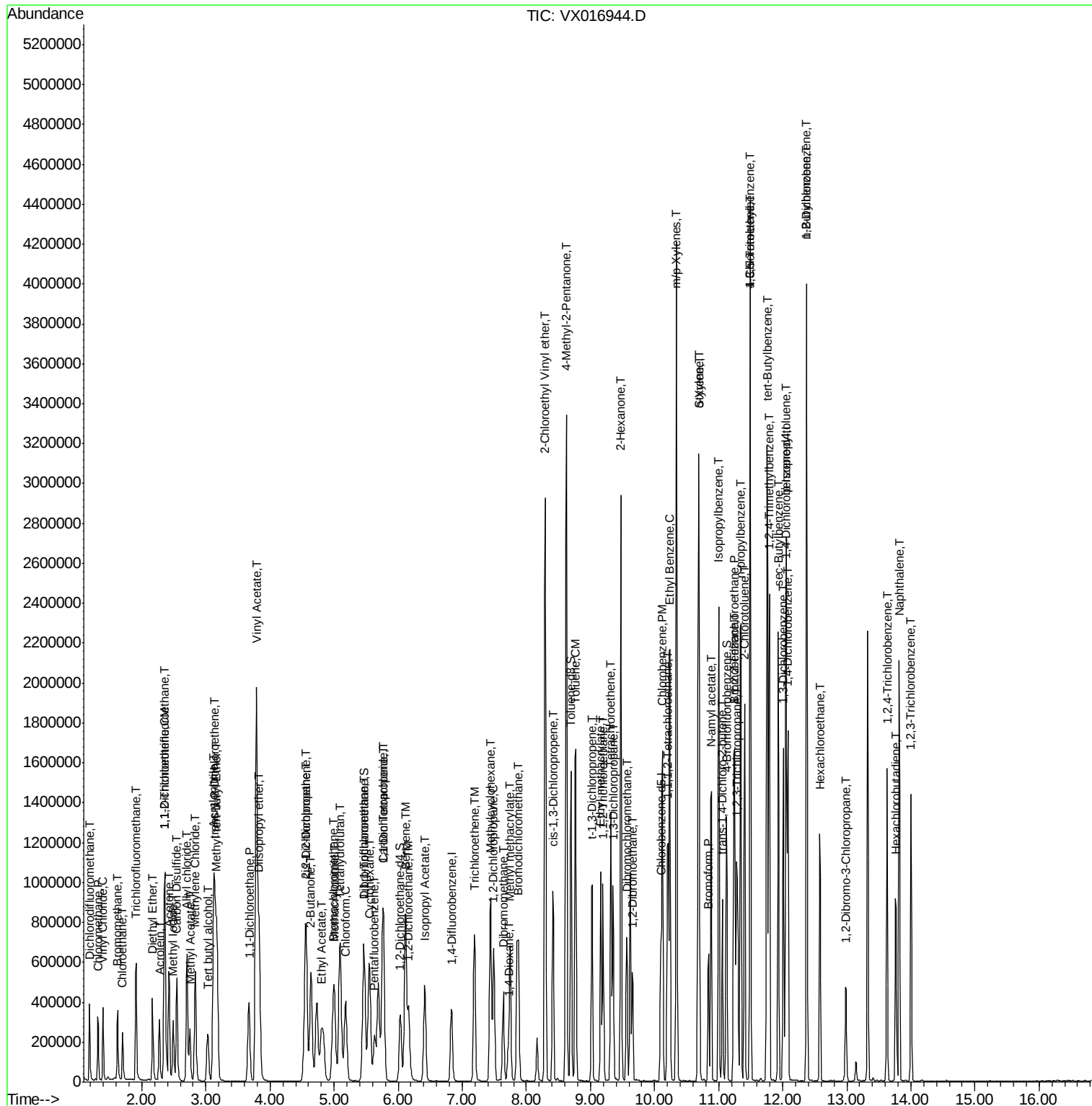
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	331055	101.927	ug/l	99
94) Hexachlorobutadiene	13.77	225	116825	81.118	ug/l	94
95) Naphthalene	13.82	128	1167619	118.263	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	323068	100.863	ug/l	100

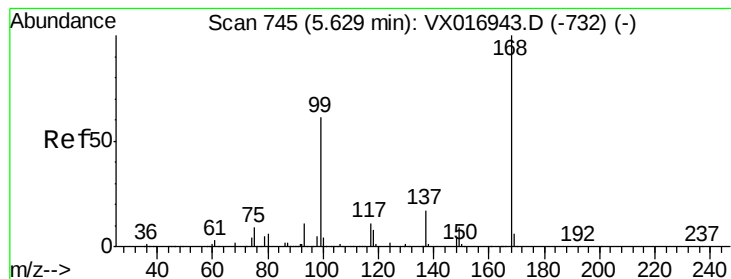
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

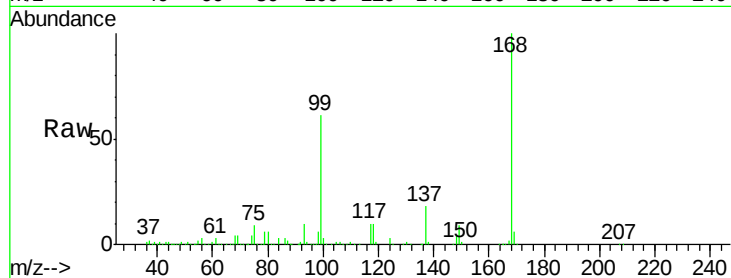
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:168 Resp: 203470

Ion Ratio Lower Upper

168 100

99 60.8 48.5 72.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

40000

20000

0

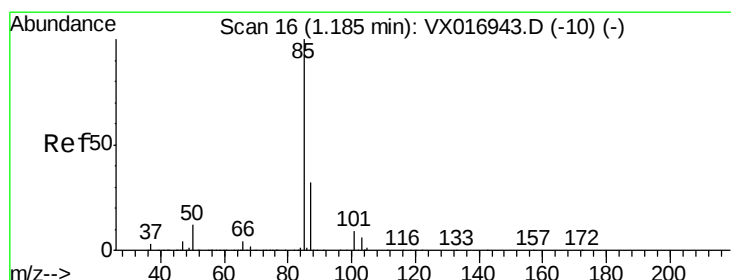
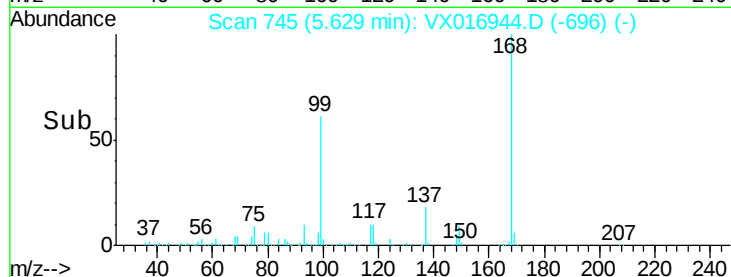
5.50

5.63

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 87.774 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016944.D

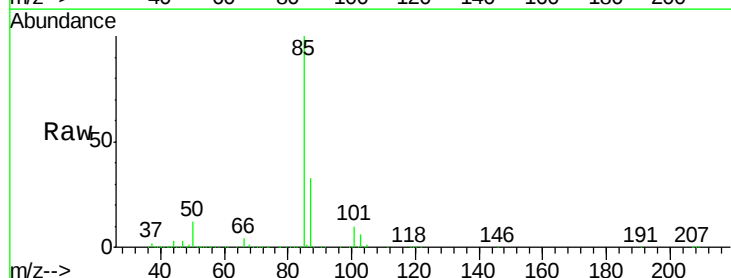
Acq: 24 Jun 2020 12:24

Tgt Ion: 85 Resp: 203044

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

100000

50000

0

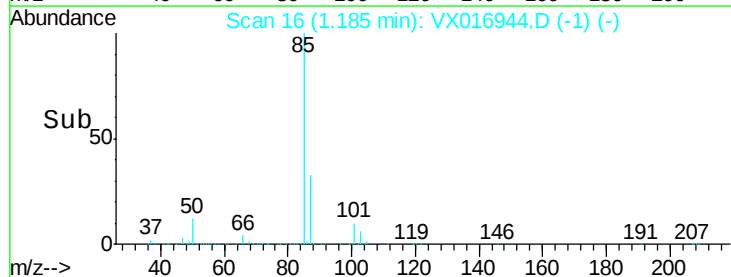
1.15

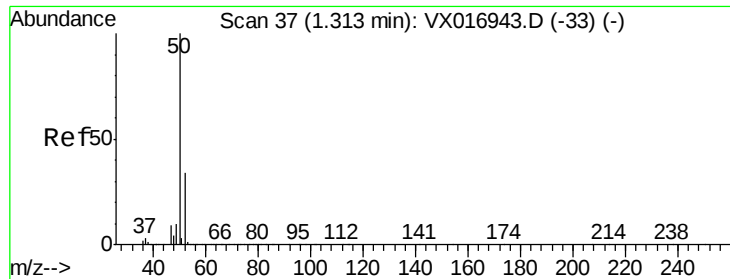
1.18

1.20

1.25

Time-->





#3

Chloromethane

Concen: 82.777 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

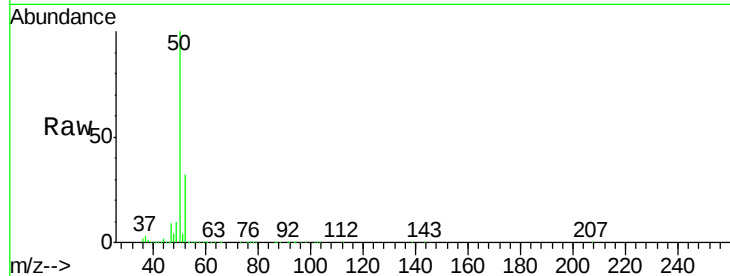
VSTDIC100

Tot Ion: 50 Resp: 206891

Ion Ratio Lower Upper

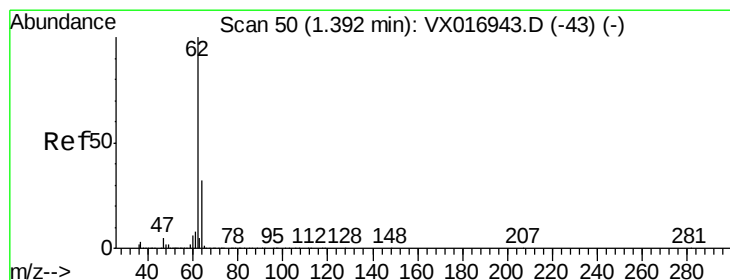
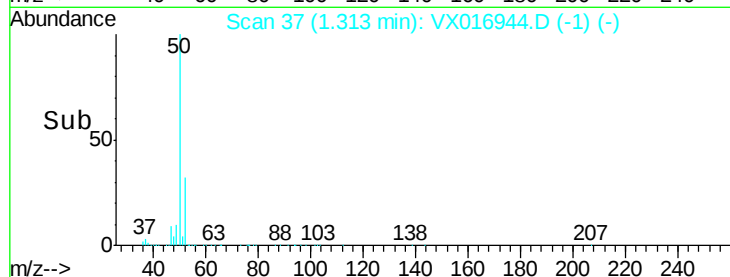
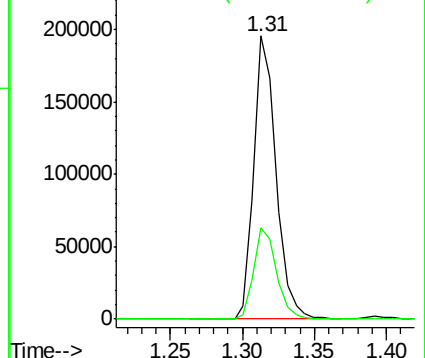
50 100

52 32.5 27.2 40.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 77.171 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016944.D

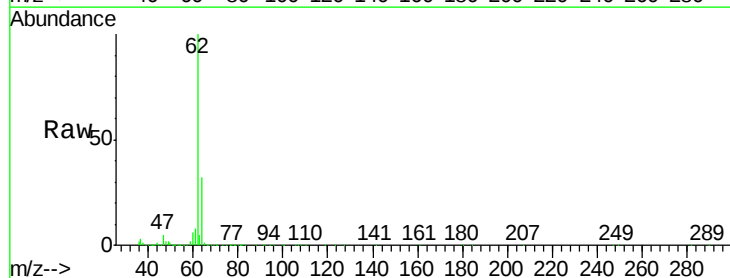
Acq: 24 Jun 2020 12:24

Tgt Ion: 62 Resp: 210227

Ion Ratio Lower Upper

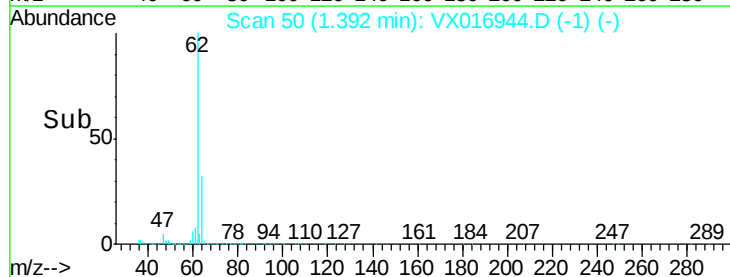
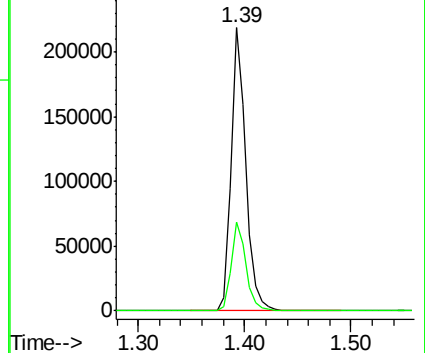
62 100

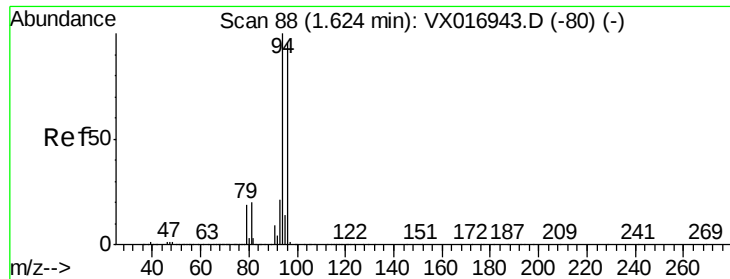
64 31.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 67.944 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

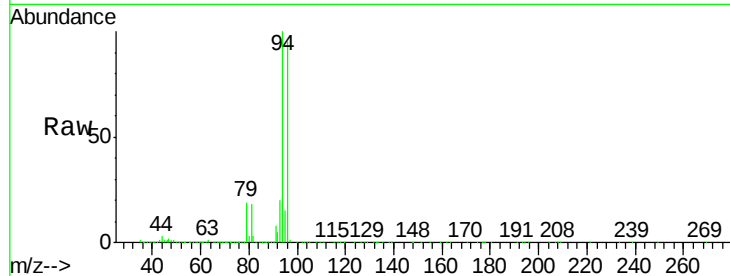
VSTDIC100

Tot Ion: 94 Resp: 111791

Ion Ratio Lower Upper

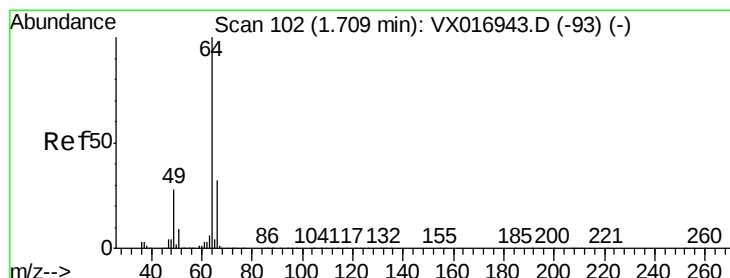
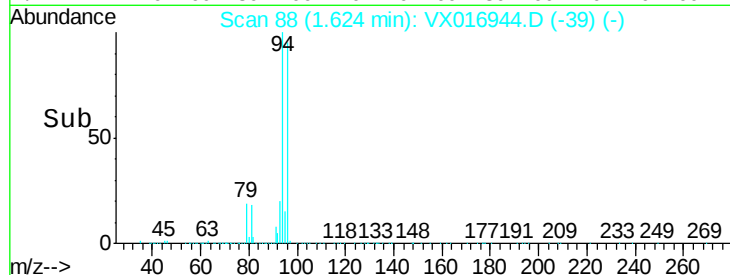
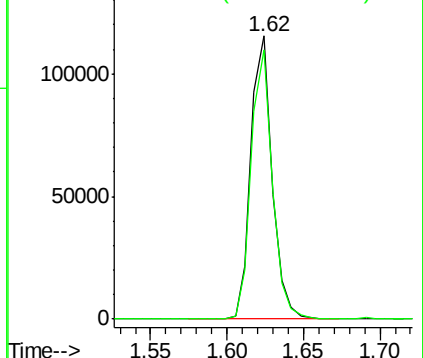
94 100

96 95.0 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: 84.952 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016944.D

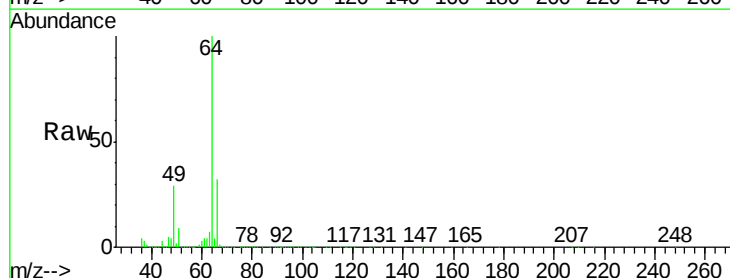
Acq: 24 Jun 2020 12:24

Tgt Ion: 64 Resp: 147082

Ion Ratio Lower Upper

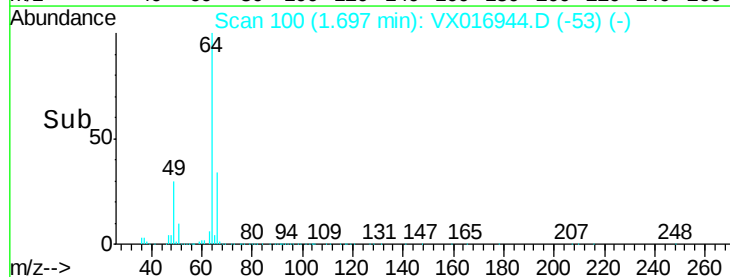
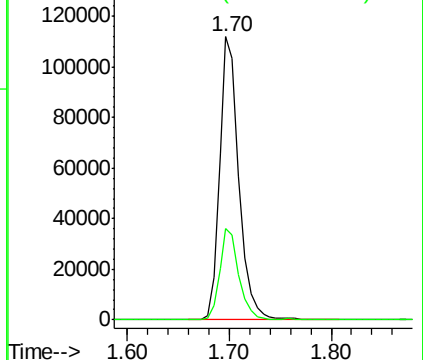
64 100

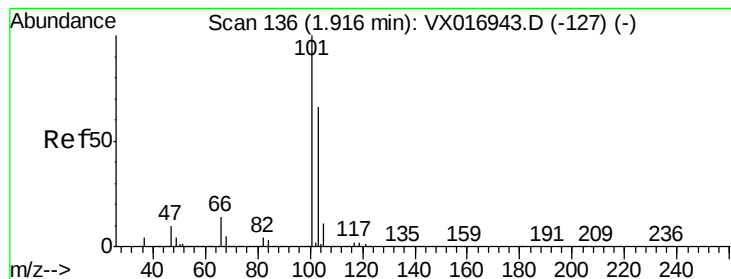
66 32.2 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



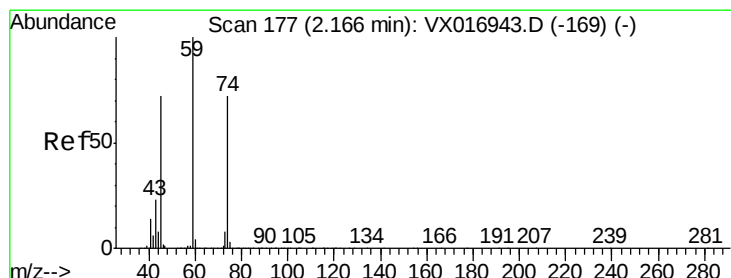
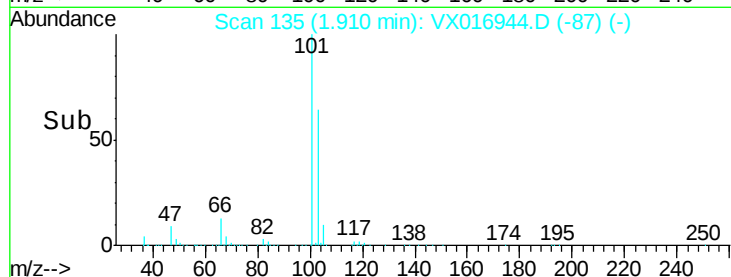
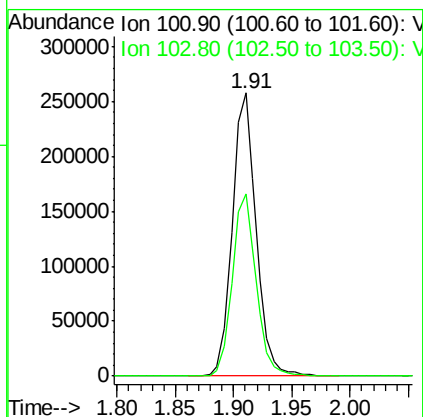
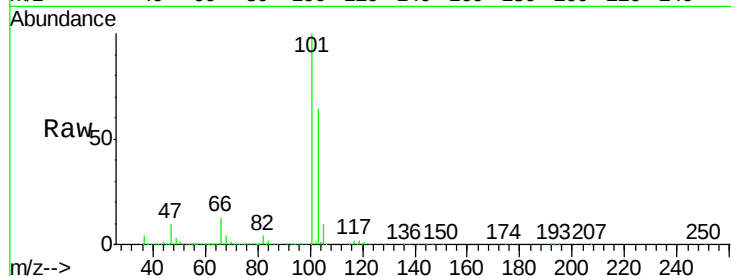


#7

Trichlorofluoromethane
Concen: 92.824 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
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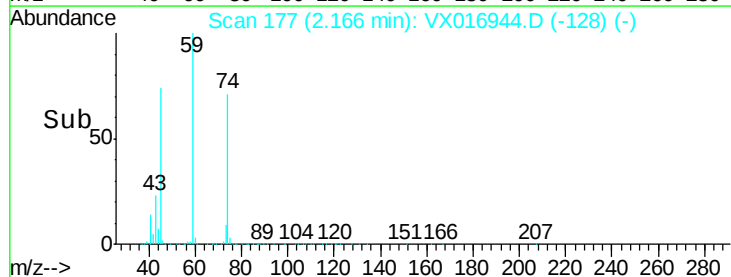
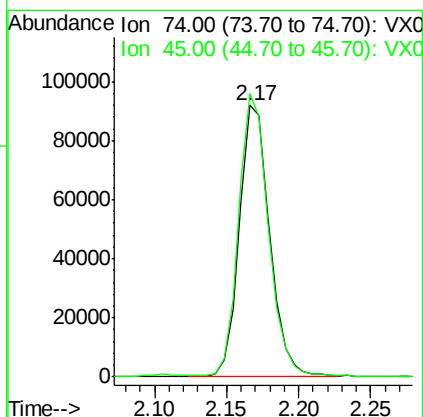
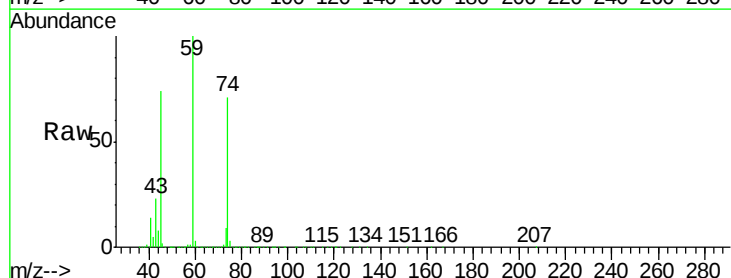
Tot Ion:101 Resp: 368841
Ion Ratio Lower Upper
101 100
103 64.4 53.0 79.4

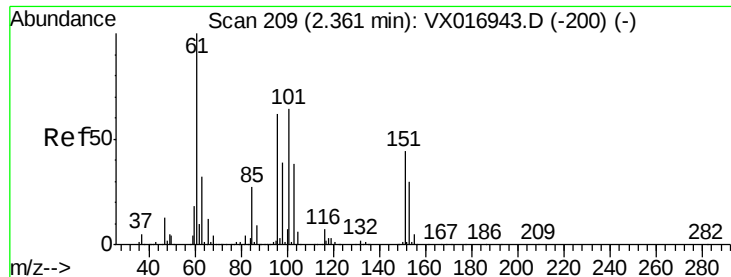


#8

Diethyl Ether
Concen: 87.212 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 74 Resp: 134733
Ion Ratio Lower Upper
74 100
45 102.1 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.905 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

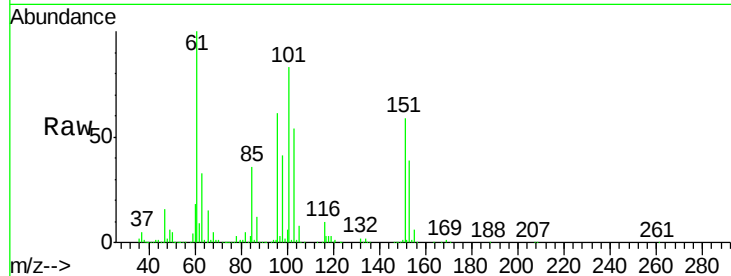
Tot Ion:101 Resp: 202055

Ion Ratio Lower Upper

101 100

85 46.0 36.7 55.1

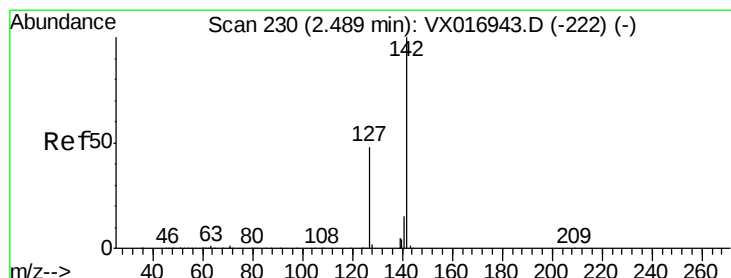
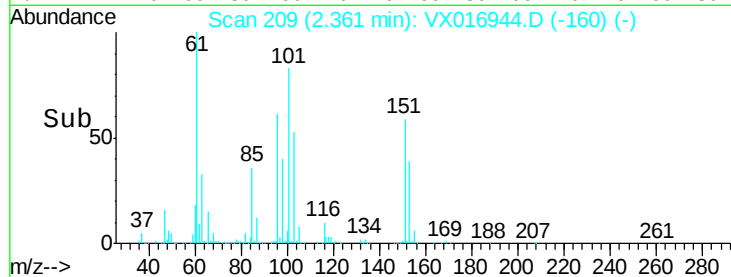
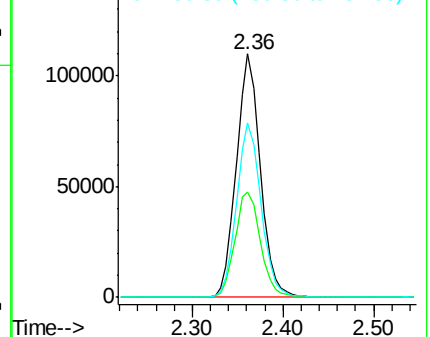
151 73.1 58.2 87.4



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: 136.469 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

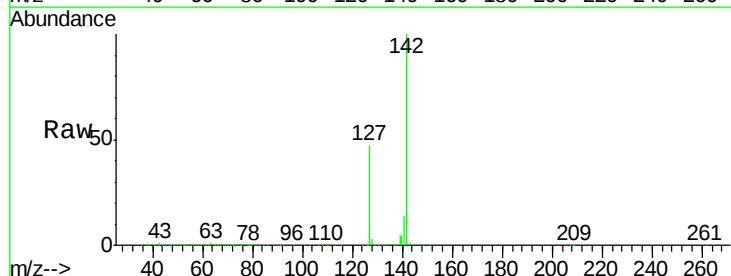
Tgt Ion:142 Resp: 294015

Ion Ratio Lower Upper

142 100

127 46.7 38.5 57.7

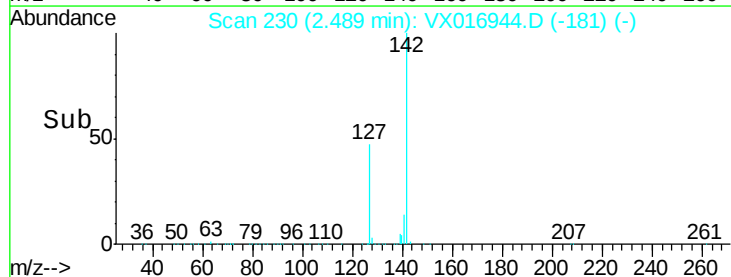
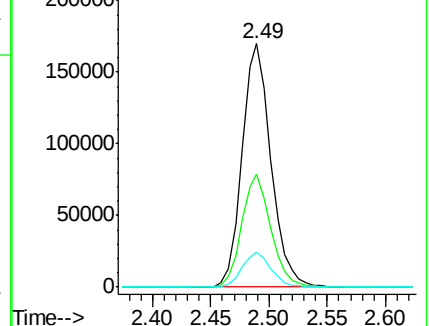
141 14.5 12.0 18.0

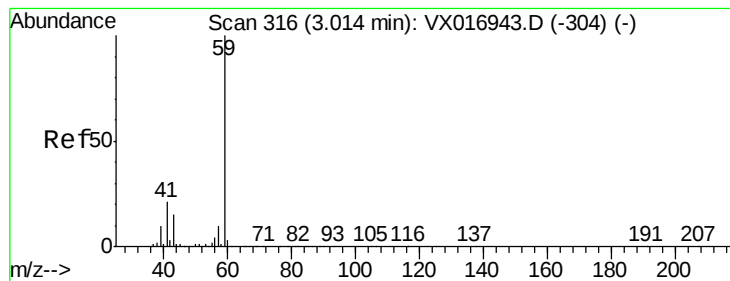


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



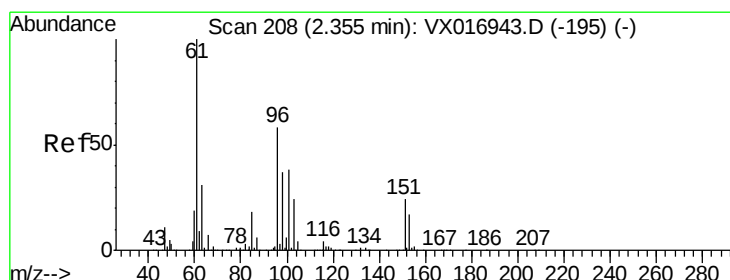
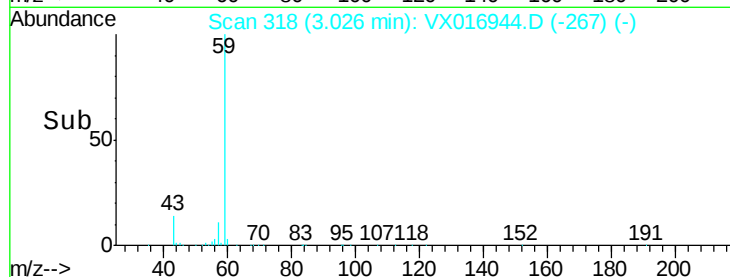
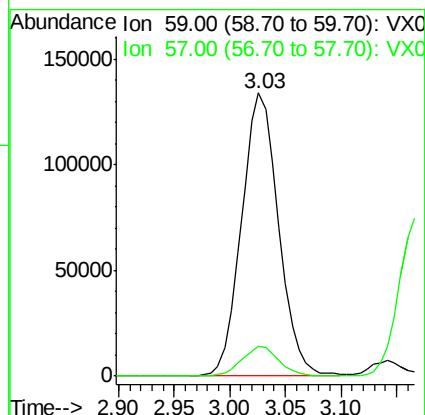
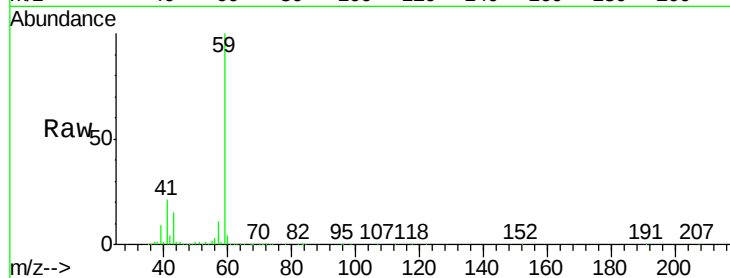


#11

Tert butyl alcohol
Concen: 691.312 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

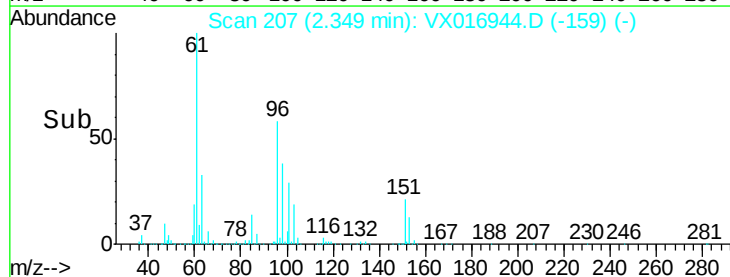
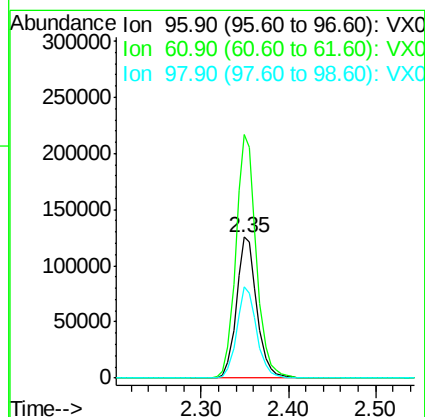
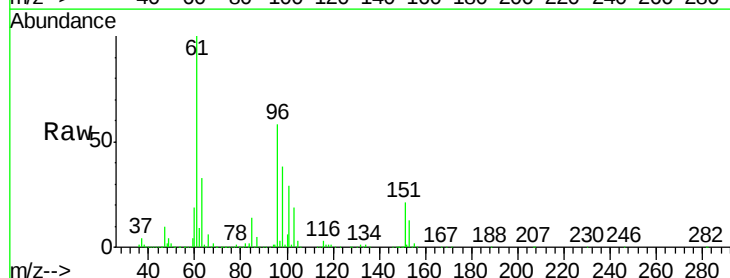
Tot Ion: 59 Resp: 309762
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2

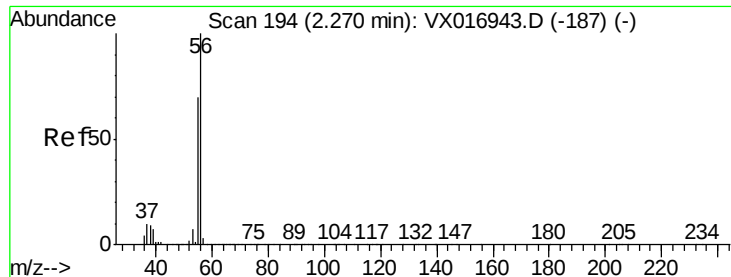


#12

1,1-Dichloroethene
Concen: 94.143 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 96 Resp: 203757
Ion Ratio Lower Upper
96 100
61 172.6 138.6 208.0
98 65.0 51.1 76.7





#13

Acrolein

Concen: 741.876 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

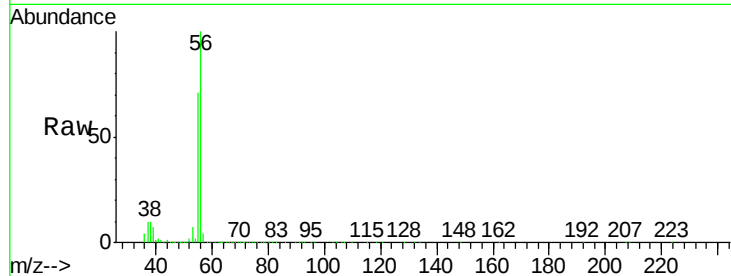
VSTDIC100

Tot Ion: 56 Resp: 214781

Ion Ratio Lower Upper

56 100

55 71.3 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

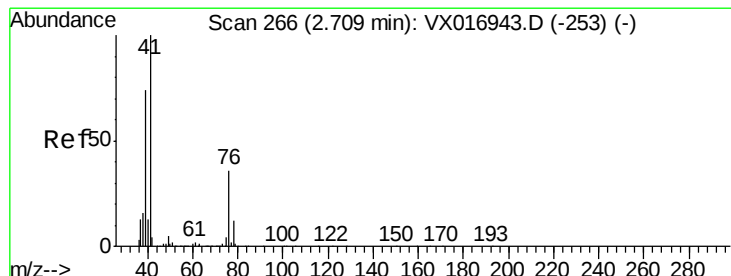
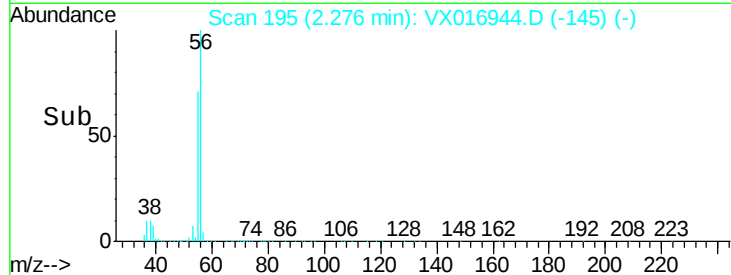
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 139.004 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

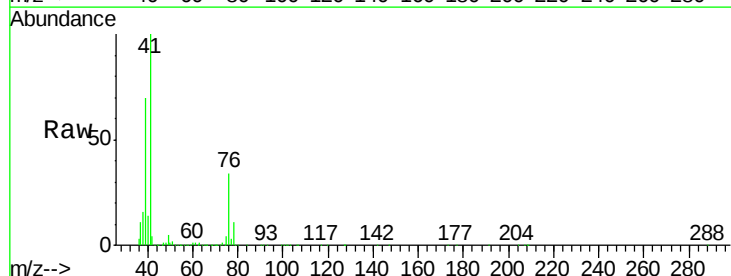
Tgt Ion: 41 Resp: 430248

Ion Ratio Lower Upper

41 100

39 66.3 54.5 81.7

76 31.9 26.1 39.1



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

500000

400000

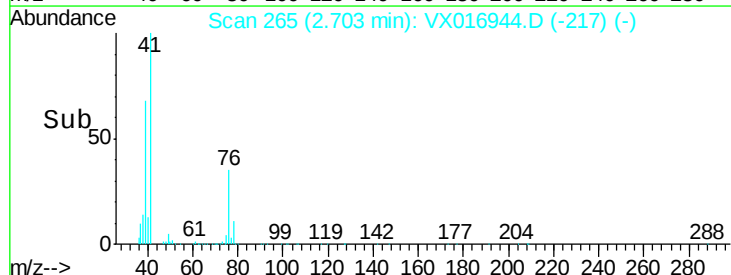
300000

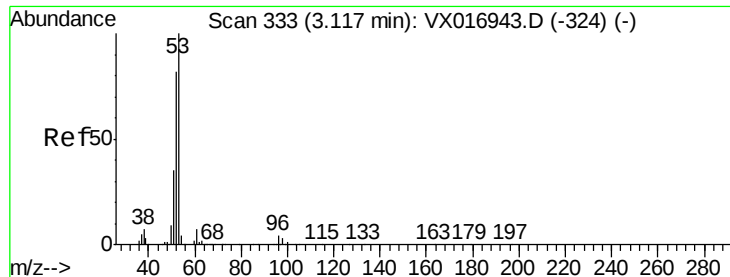
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 693.613 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

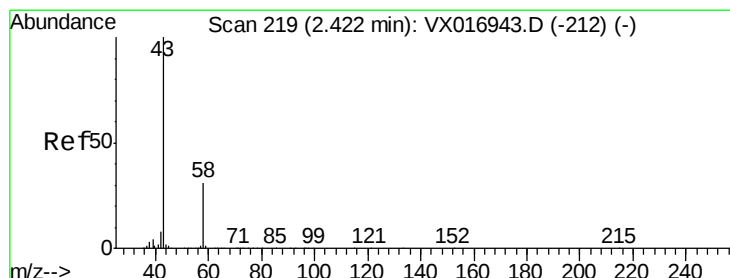
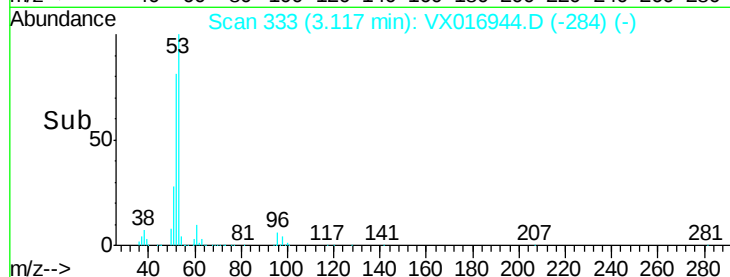
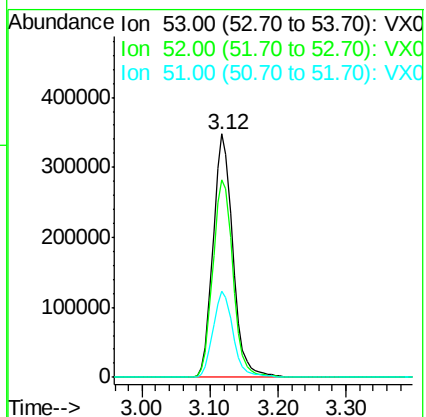
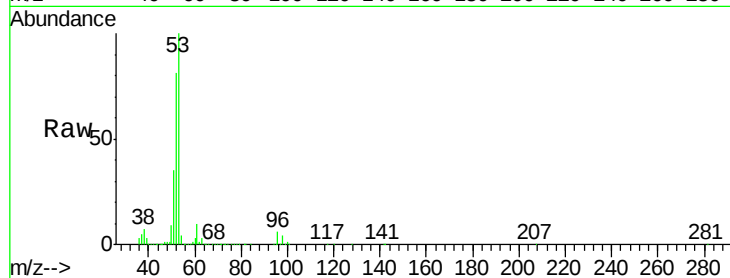
Tot Ion: 53 Resp: 701219

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

51 36.1 29.0 43.6



#16

Acetone

Concen: 599.505 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016944.D

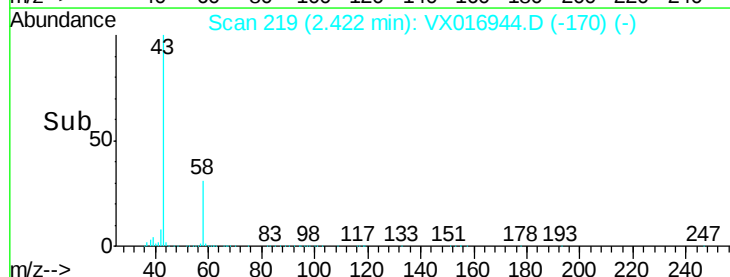
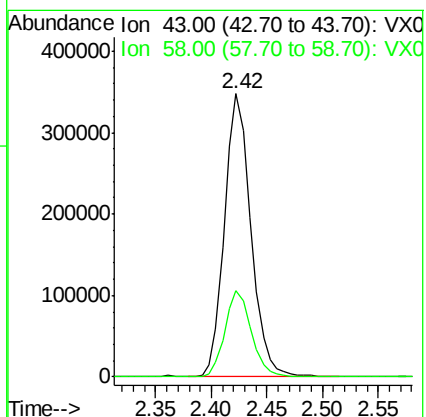
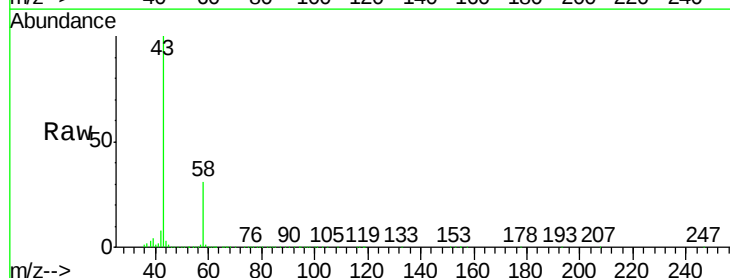
Acq: 24 Jun 2020 12:24

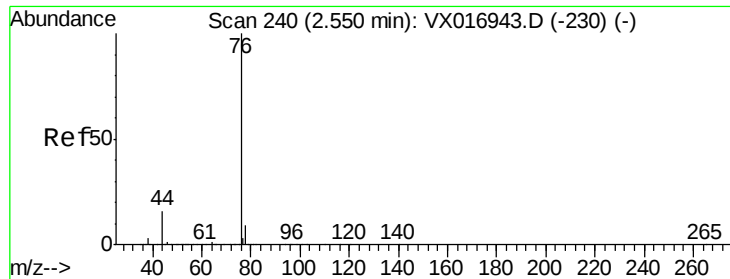
Tgt Ion: 43 Resp: 570679

Ion Ratio Lower Upper

43 100

58 30.5 25.0 37.4





#17

Carbon Disulfide

Concen: 110.935 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

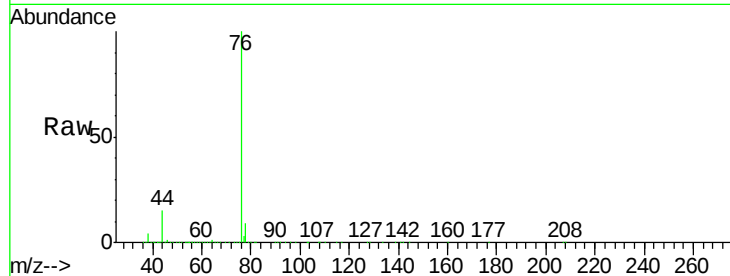
VSTDIC100

Tot Ion: 76 Resp: 648080

Ion Ratio Lower Upper

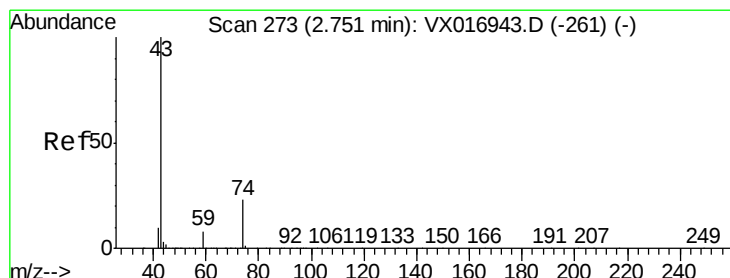
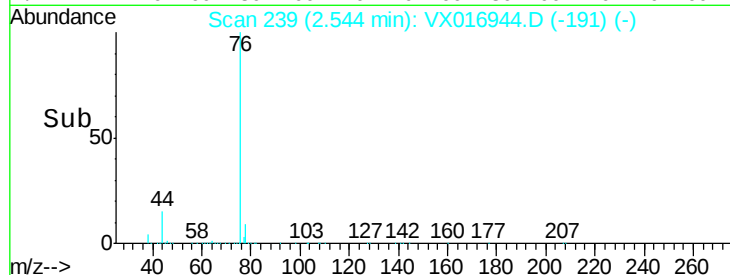
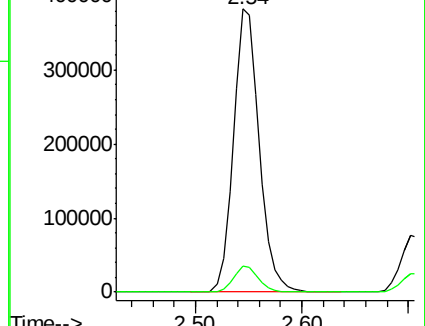
76 100

78 9.1 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: 126.415 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016944.D

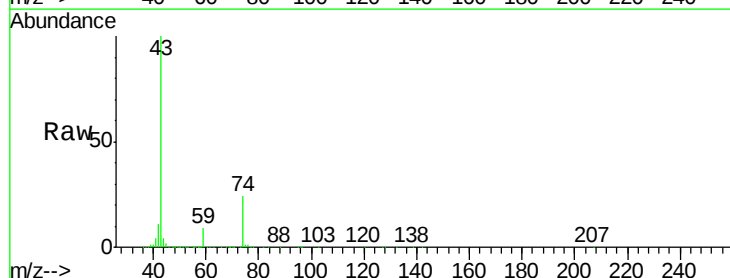
Acq: 24 Jun 2020 12:24

Tgt Ion: 43 Resp: 296737

Ion Ratio Lower Upper

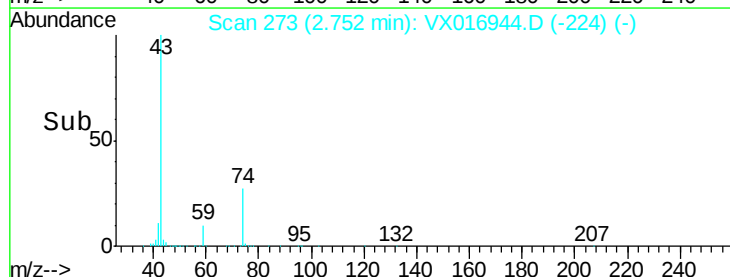
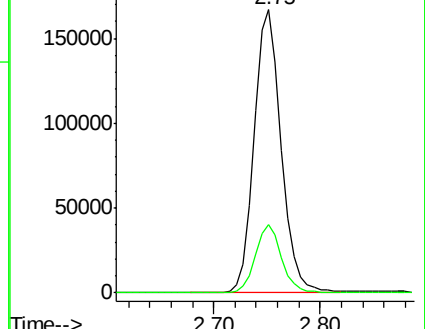
43 100

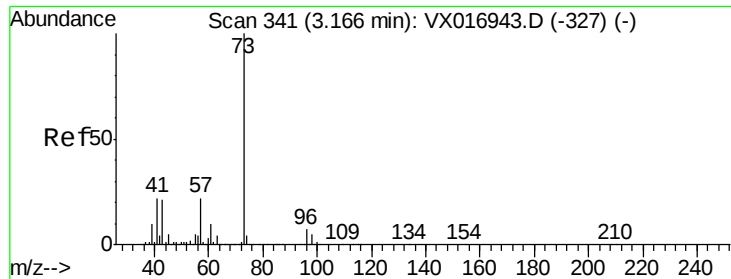
74 23.8 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

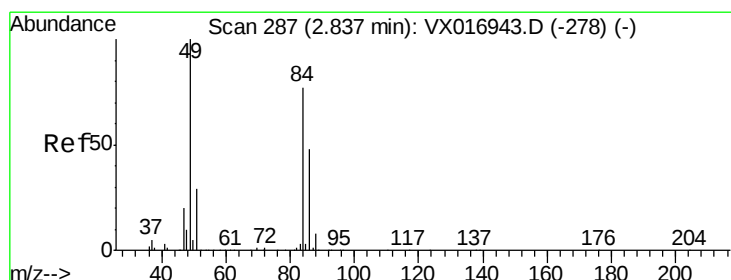
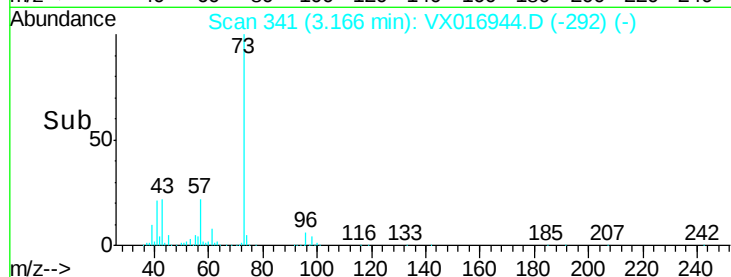
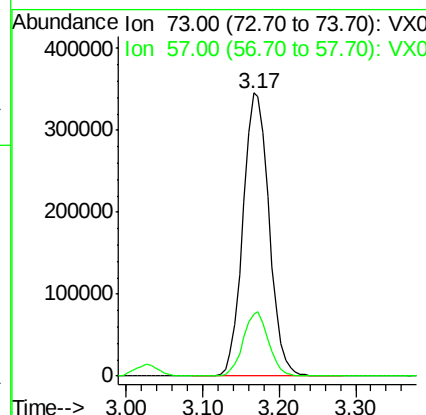
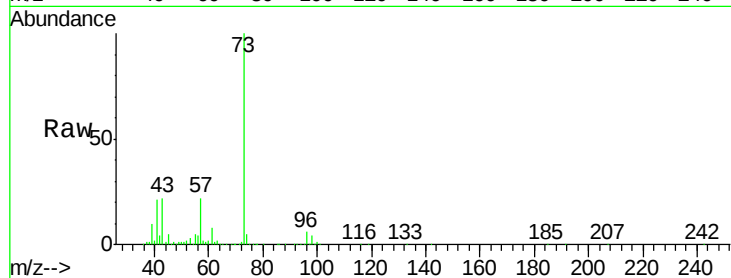




#19
Methyl tert-butyl Ether
Concen: 126.522 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

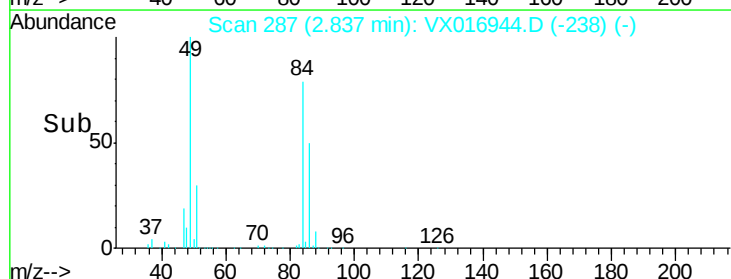
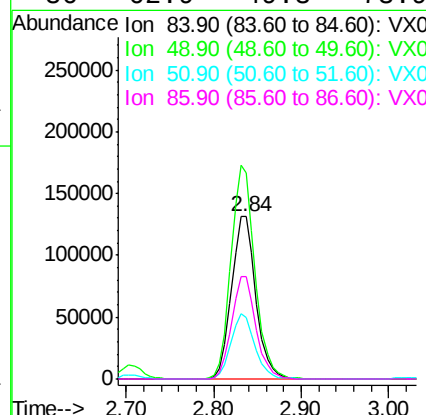
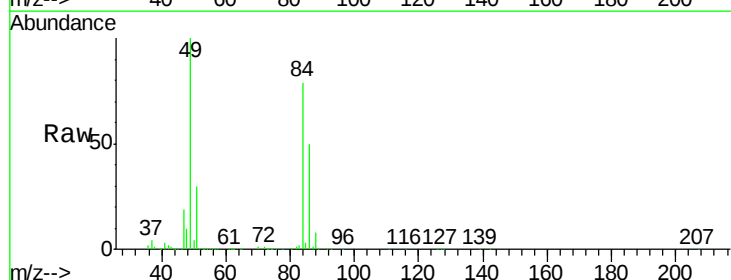
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

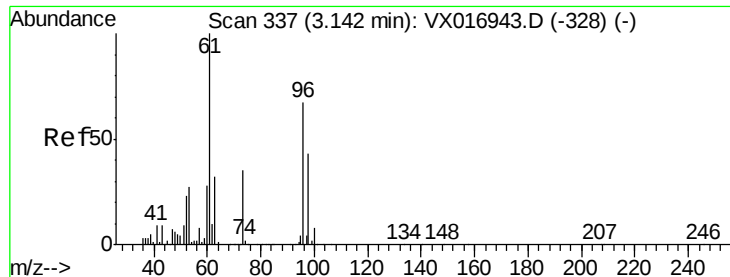
Tot Ion: 73 Resp: 815765
Ion Ratio Lower Upper
73 100
57 21.7 17.6 26.4



#20
Methylene Chloride
Concen: 115.101 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 84 Resp: 254105
Ion Ratio Lower Upper
84 100
49 126.7 103.7 155.5
51 37.9 29.9 44.9
86 62.9 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 117.321 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

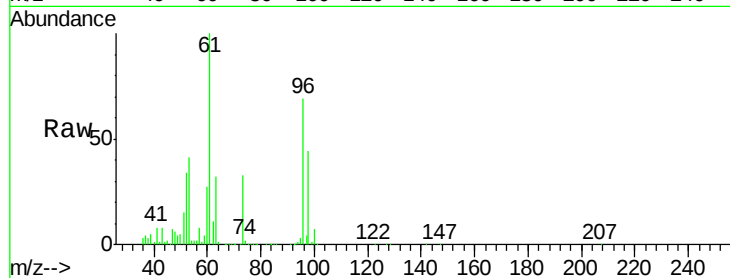
Tot Ion: 96 Resp: 247915

Ion Ratio Lower Upper

96 100

61 145.7 120.1 180.1

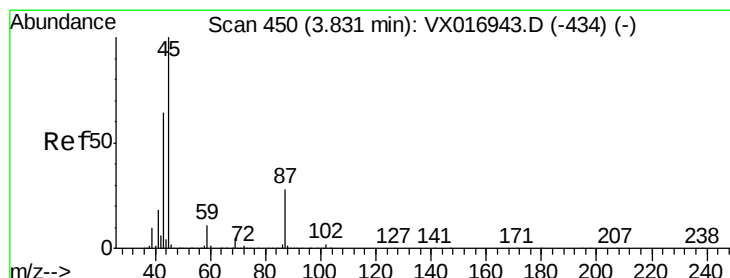
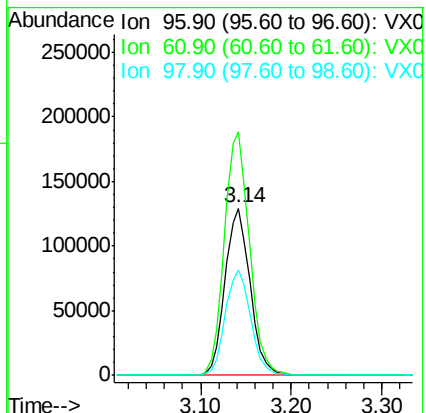
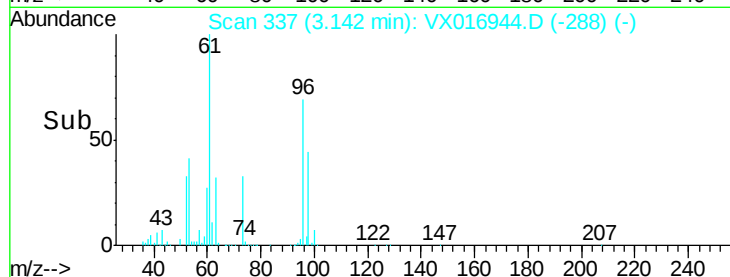
98 63.4 52.1 78.1



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: 138.413 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Tgt Ion: 45 Resp: 827153

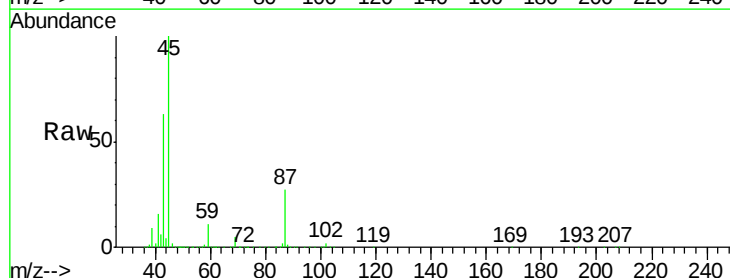
Ion Ratio Lower Upper

45 100

43 63.2 51.2 76.8

87 26.7 22.2 33.4

59 10.7 9.0 13.6

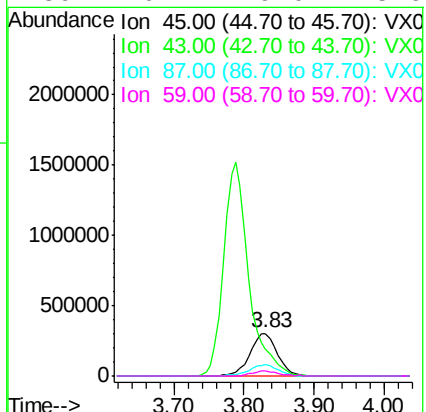
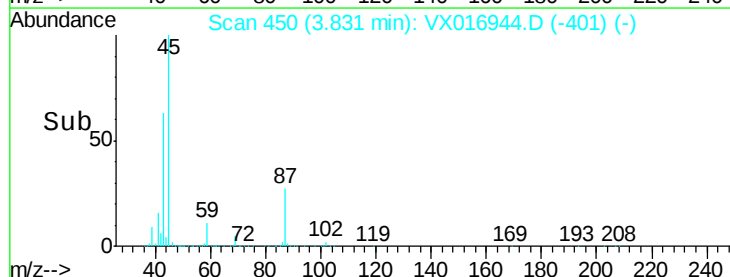


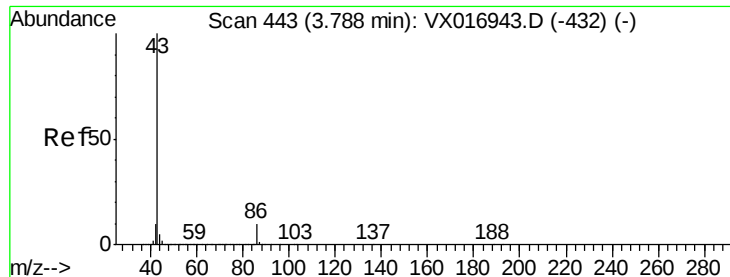
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 759.668 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

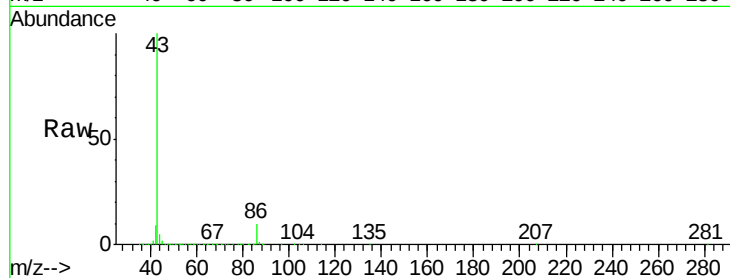
VSTDIC100

Tot Ion: 43 Resp: 3794133

Ion Ratio Lower Upper

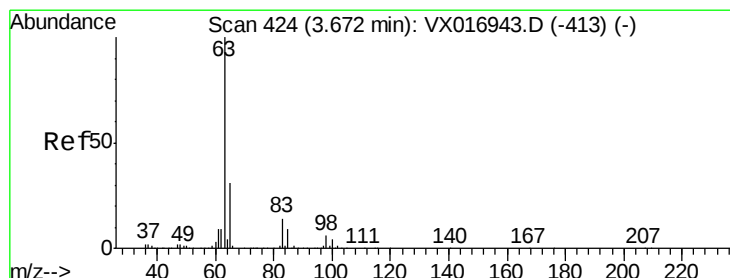
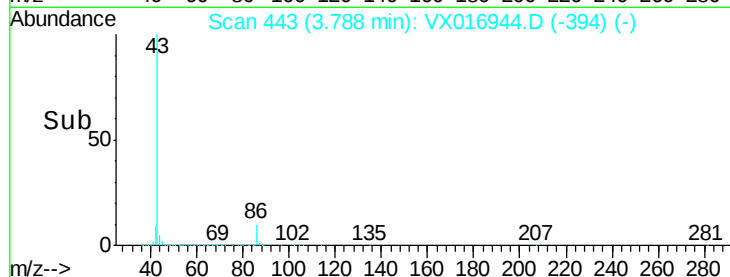
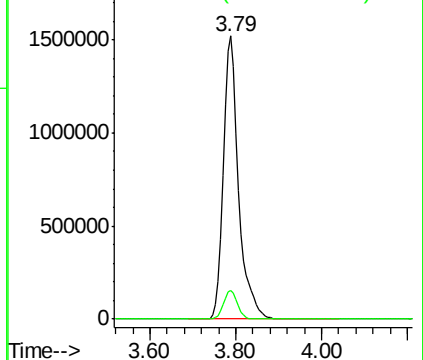
43 100

86 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 128.747 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

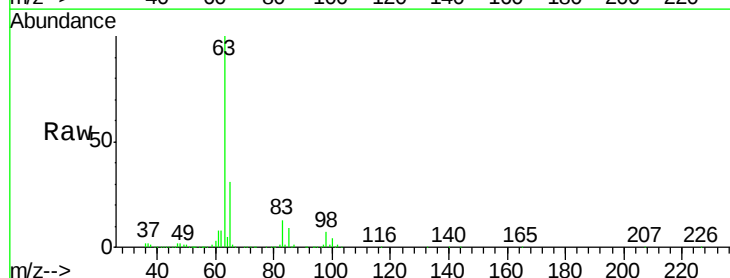
Tgt Ion: 63 Resp: 464770

Ion Ratio Lower Upper

63 100

98 6.7 3.2 9.6

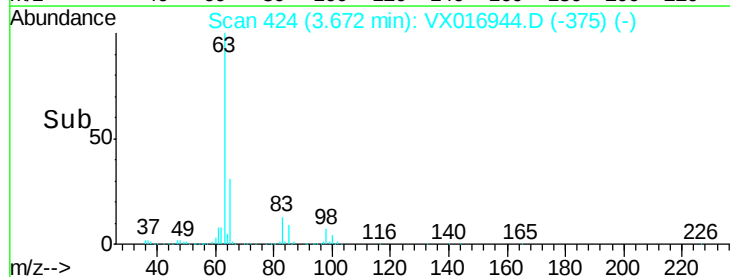
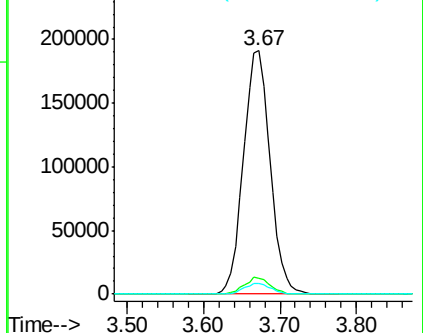
100 4.5 2.1 6.5

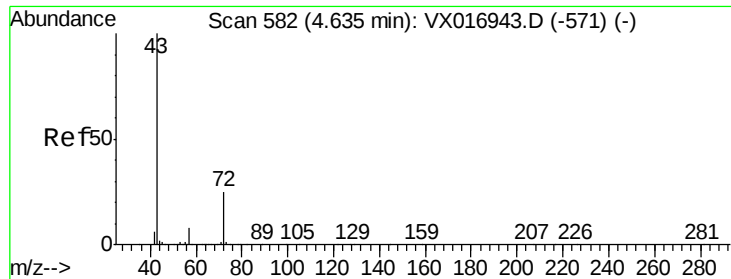


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 743.084 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

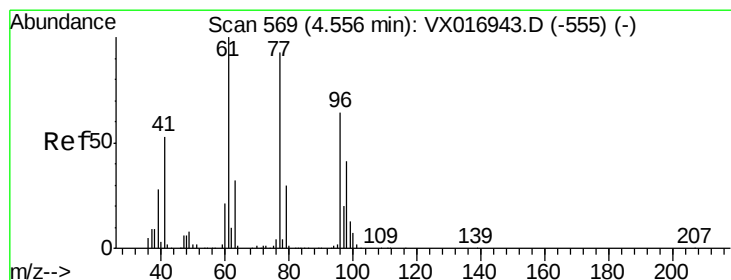
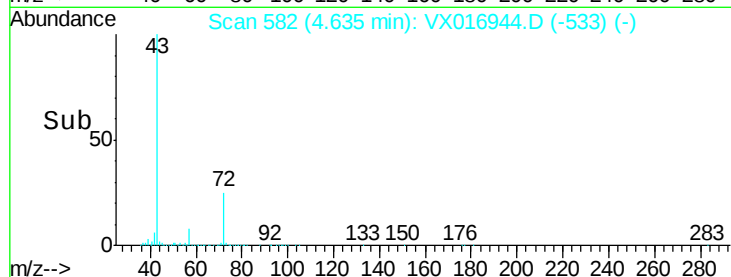
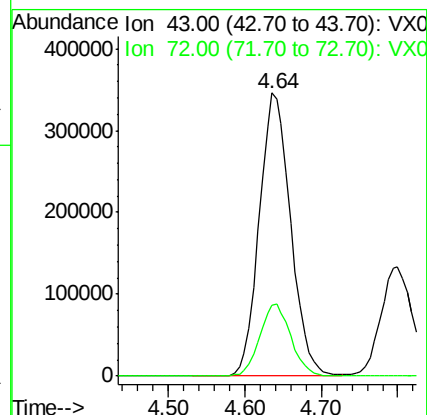
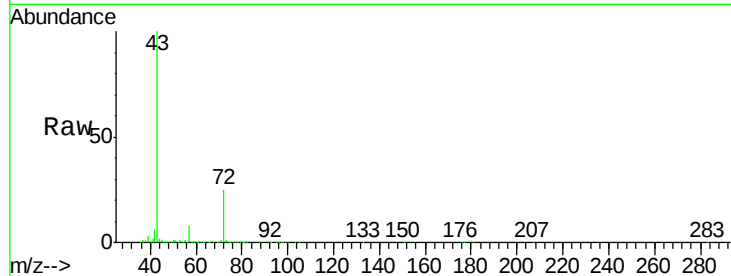
VSTDIC100

Tot Ion: 43 Resp: 986043

Ion Ratio Lower Upper

43 100

72 25.2 20.6 30.8



#26

2,2-Dichloropropane

Concen: 119.579 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.00 min

Lab File: VX016944.D

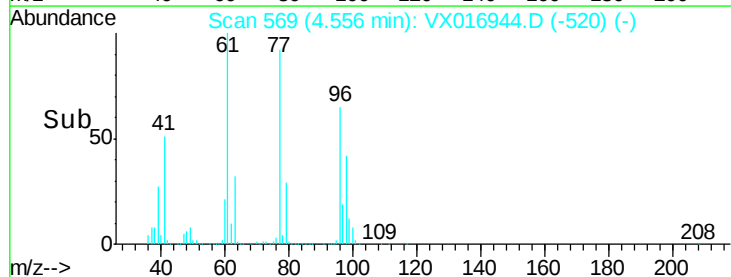
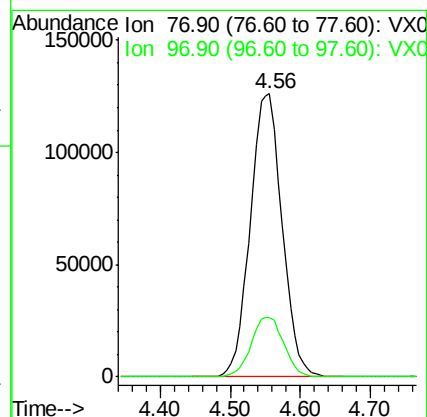
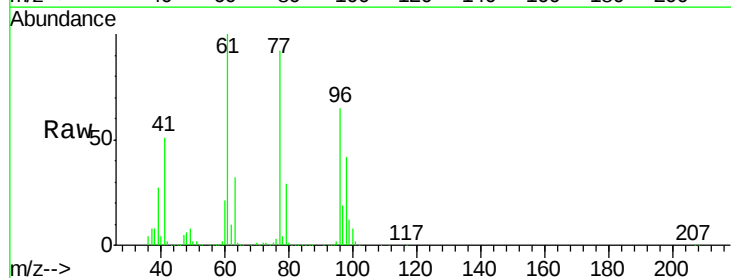
Acq: 24 Jun 2020 12:24

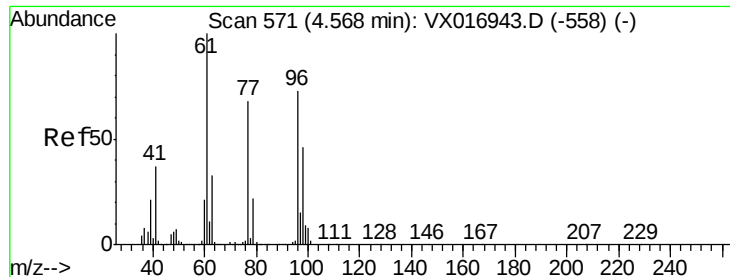
Tgt Ion: 77 Resp: 398765

Ion Ratio Lower Upper

77 100

97 21.8 10.7 32.1



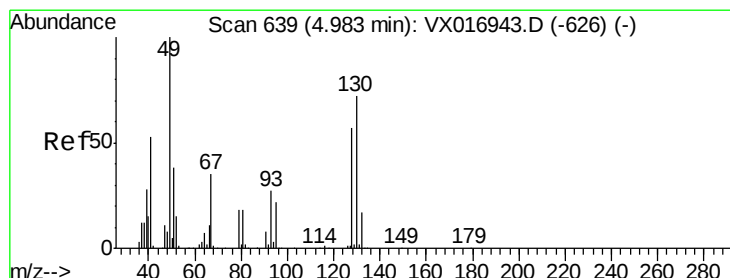
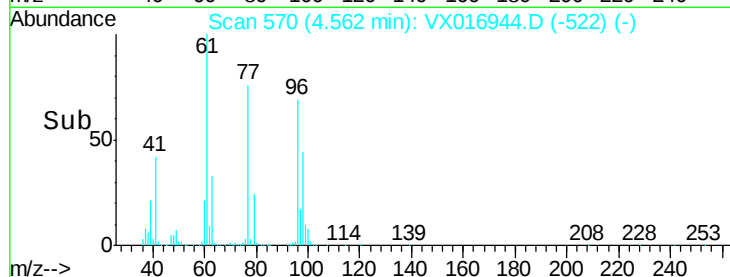
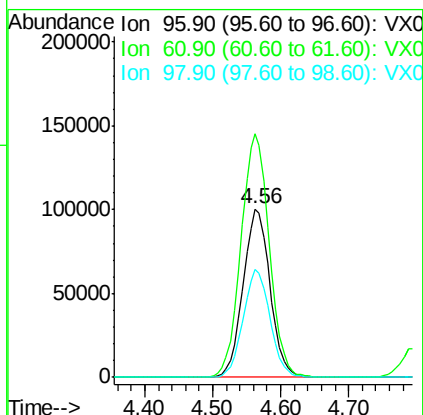
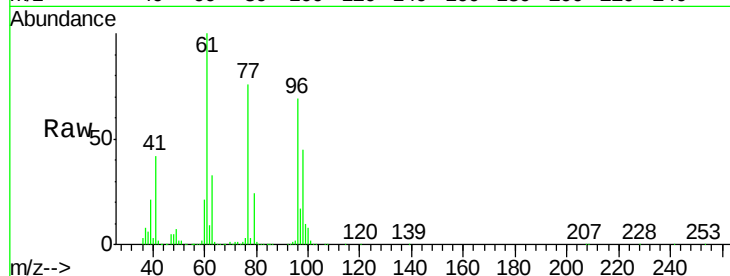


#27

cis-1,2-Dichloroethene
Concen: 116.220 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

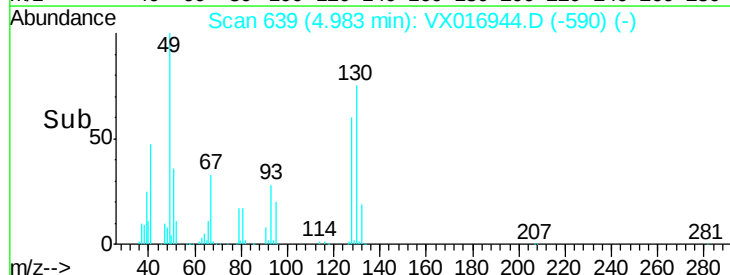
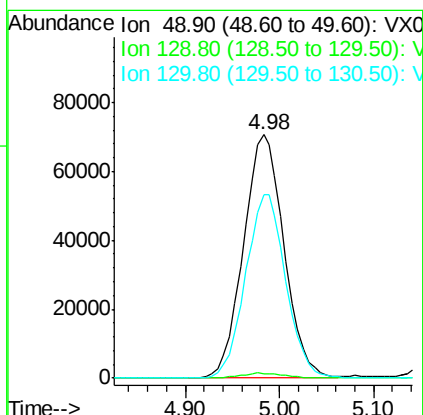
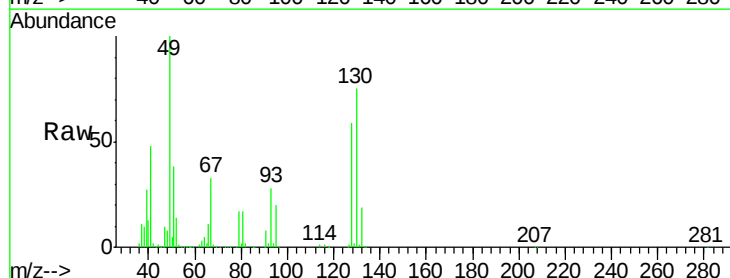
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.7	0.0	302.2
98	64.0	0.0	128.0

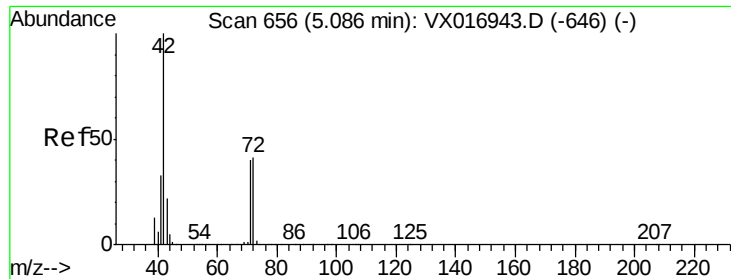


#28

Bromochloromethane
Concen: 139.608 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	75.2	59.1	88.7





#29

Tetrahydrofuran

Concen: 774.166 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

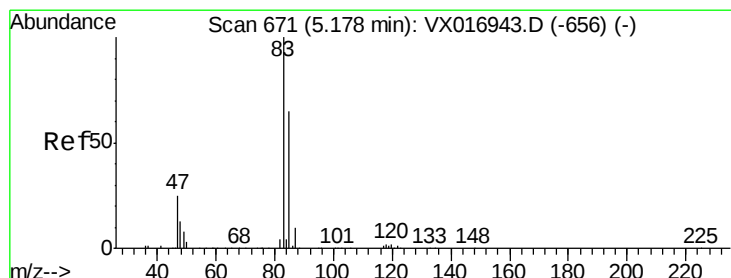
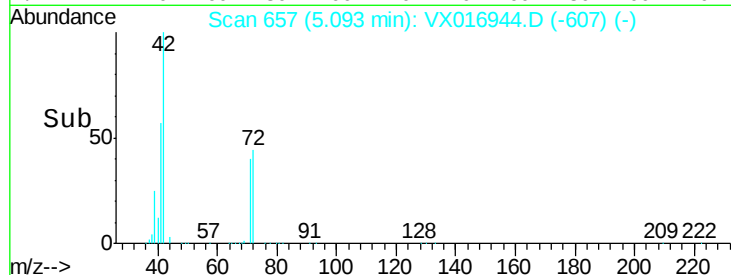
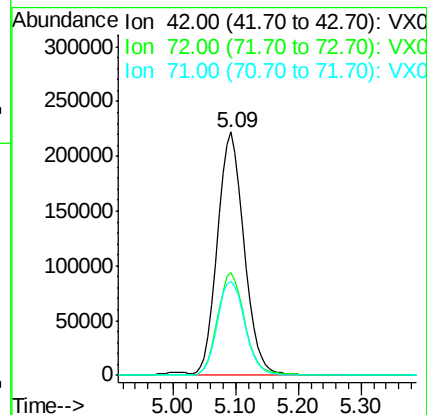
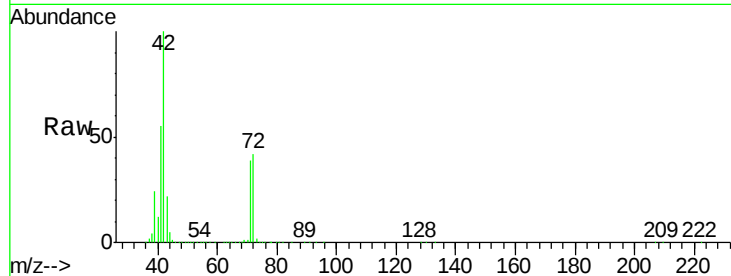
Tot Ion: 42 Resp: 654050

Ion Ratio Lower Upper

42 100

72 43.2 34.5 51.7

71 40.0 32.1 48.1



#30

Chloroform

Concen: 122.809 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016944.D

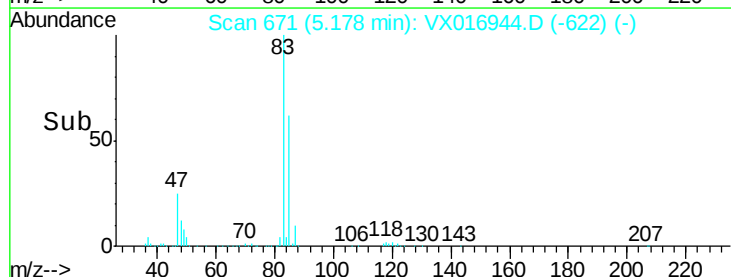
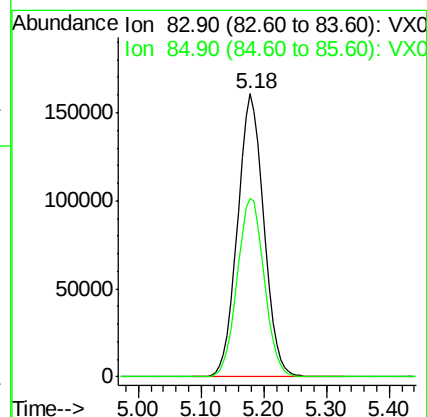
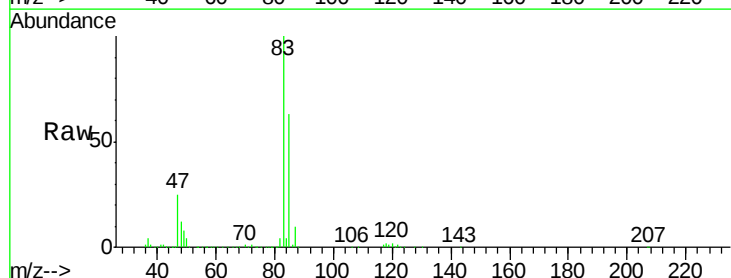
Acq: 24 Jun 2020 12:24

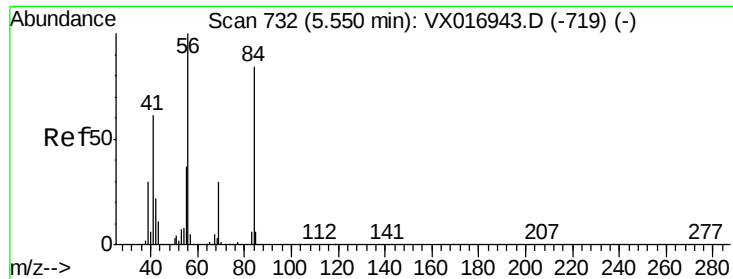
Tgt Ion: 83 Resp: 465824

Ion Ratio Lower Upper

83 100

85 63.0 51.8 77.6

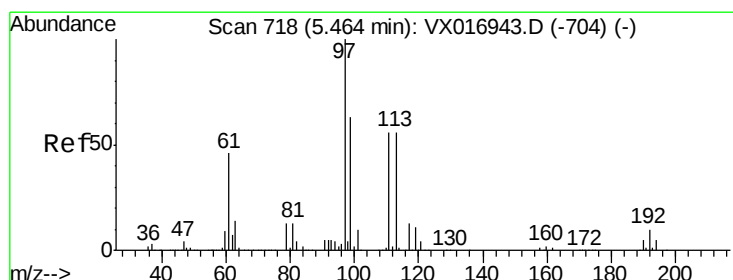
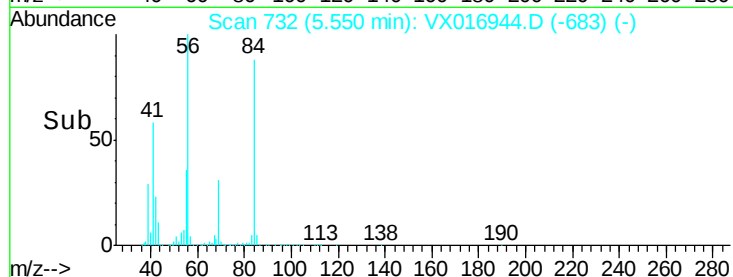
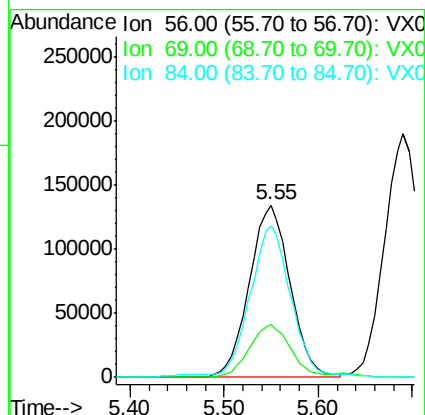
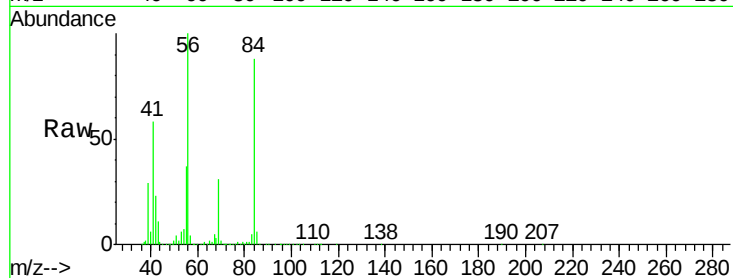




#31
Cyclohexane
Concen: 127.335 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

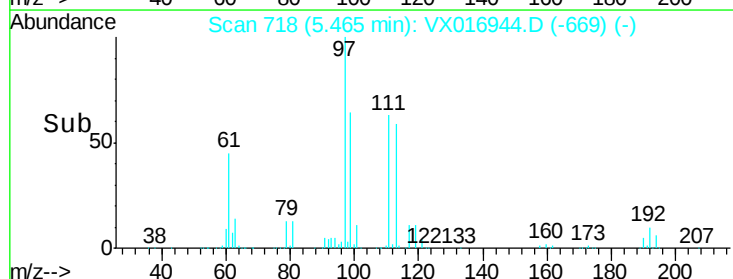
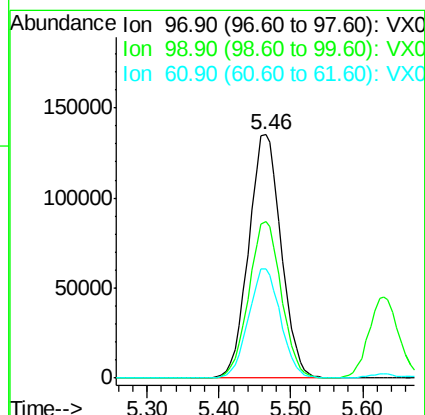
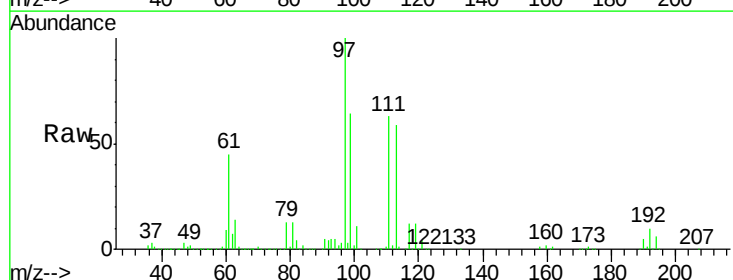
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

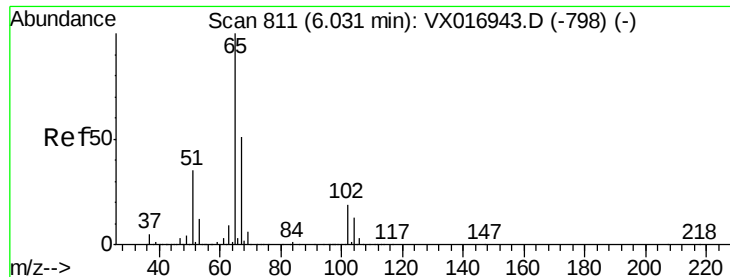
Tot Ion	56	Resp	407456
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.1	36.1
84	86.1	67.4	101.2



#32
1,1,1-Trichloroethane
Concen: 118.780 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion	97	Resp	423454
Ion	Ratio	Lower	Upper
97	100		
99	64.4	50.8	76.2
61	44.5	36.2	54.2

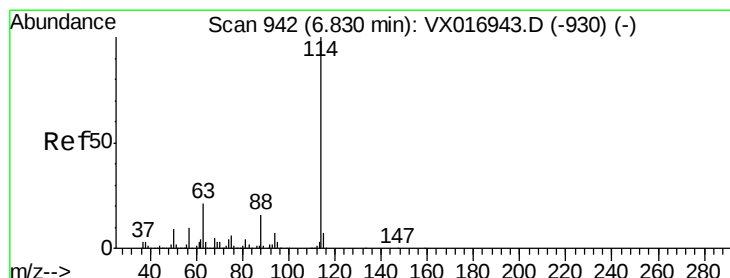
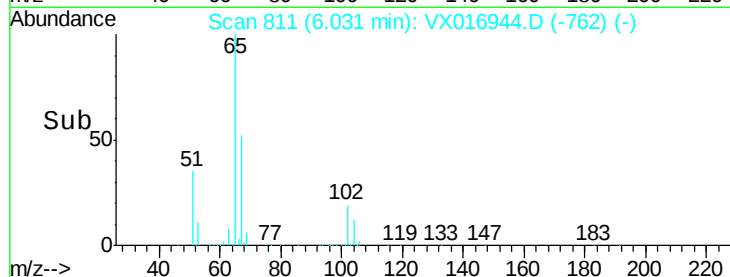
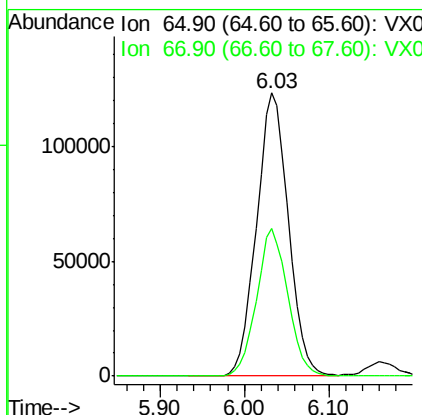
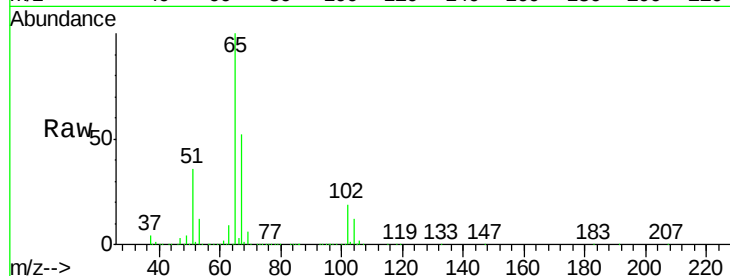




#33
 1,2-Dichloroethane-d4
 Concen: 123.524 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

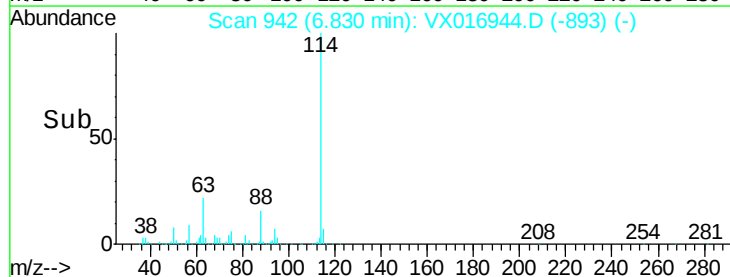
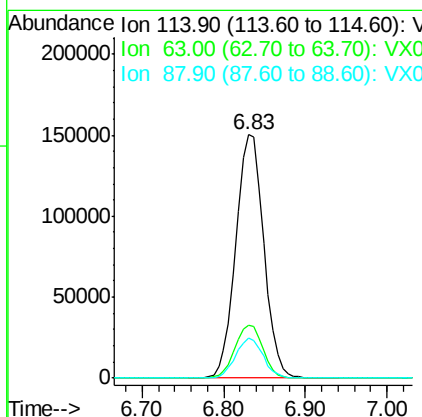
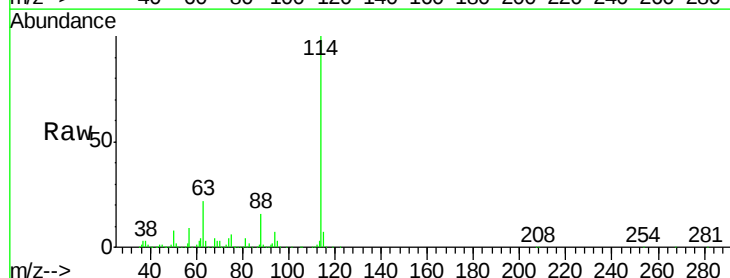
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

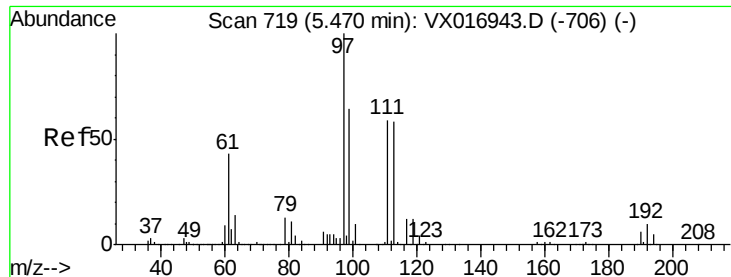
Tot Ion: 65 Resp: 320077
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

Tgt Ion: 114 Resp: 355664
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.6
 88 16.3 0.0 32.2





#35

Dibromofluoromethane

Concen: 104.234 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

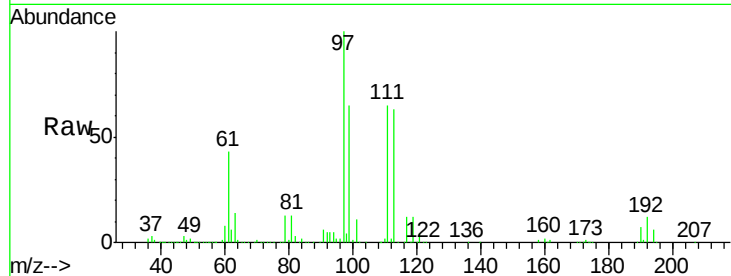
Tot Ion:113 Resp: 238608

Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

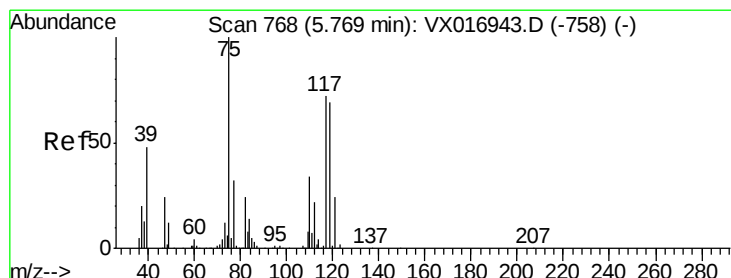
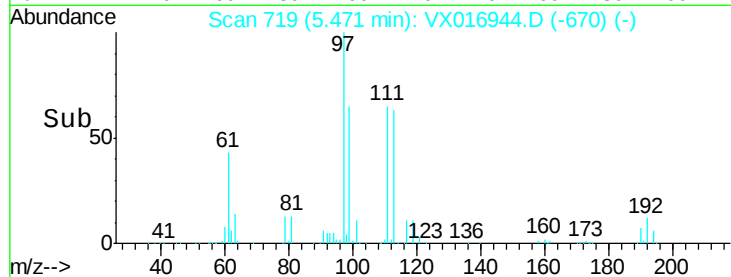
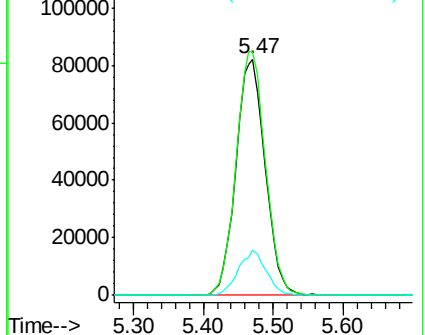
192 18.1 14.5 21.7



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: 104.633 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

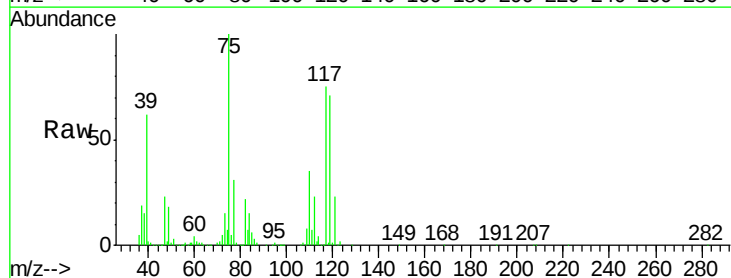
Tgt Ion: 75 Resp: 349870

Ion Ratio Lower Upper

75 100

110 34.7 16.9 50.7

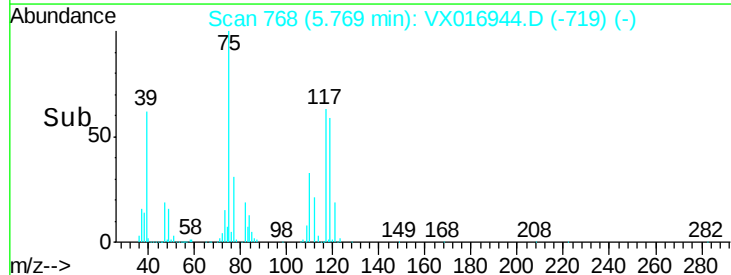
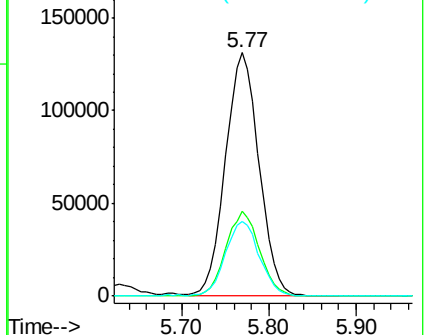
77 30.9 25.0 37.4

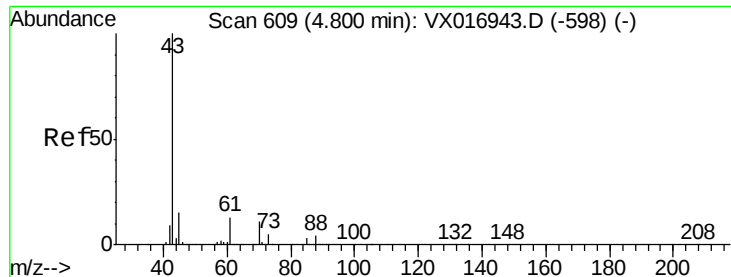


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

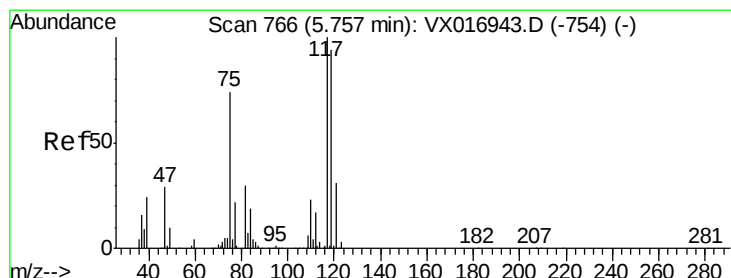
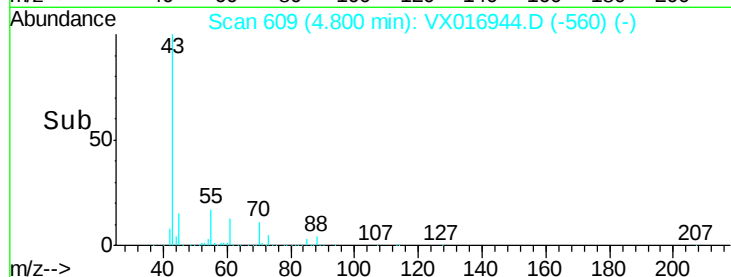
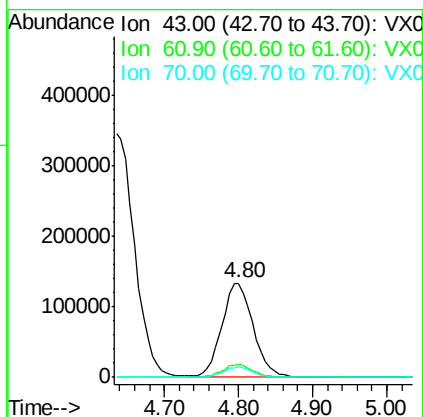
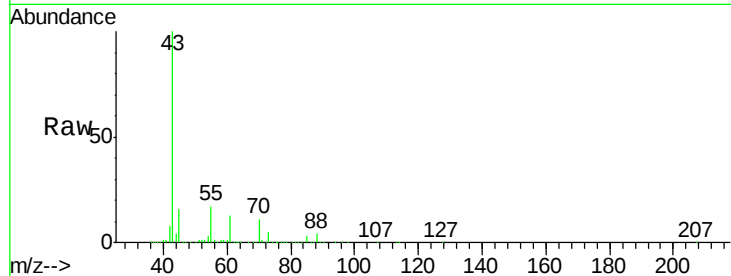




#37
Ethyl Acetate
Concen: 128.740 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

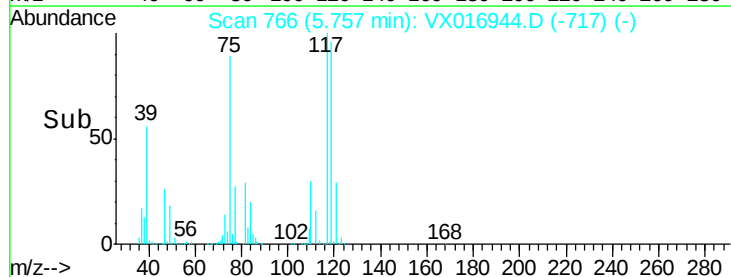
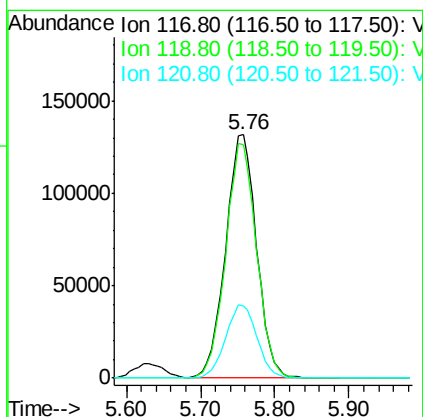
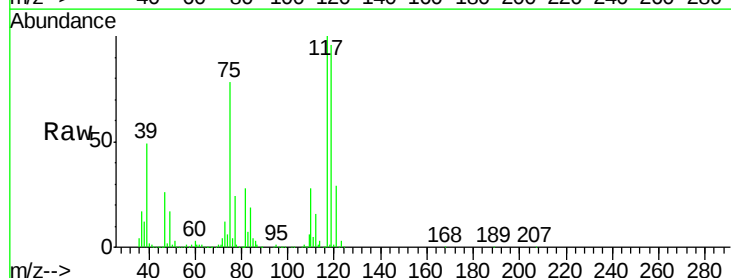
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

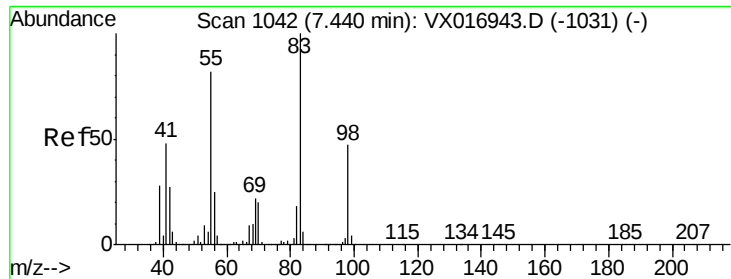
Tot Ion	43	Resp	393866
Ion Ratio	Lower	Upper	
43	100		
61	13.2	11.0	16.6
70	10.6	8.7	13.1



#38
Carbon Tetrachloride
Concen: 103.037 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion	117	Resp	382259
Ion Ratio	Lower	Upper	
117	100		
119	95.6	74.7	112.1
121	29.4	25.0	37.6

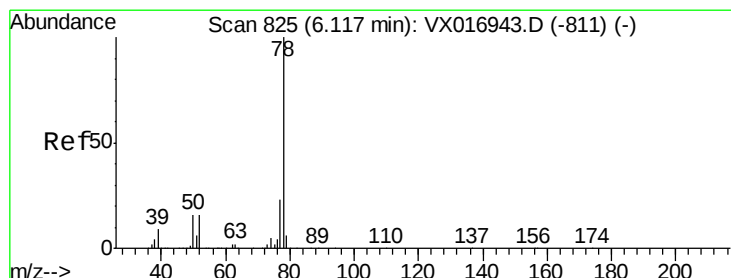
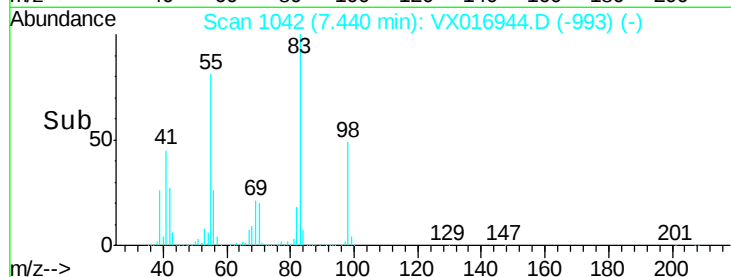
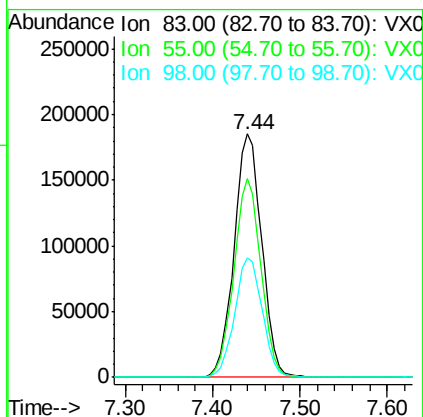
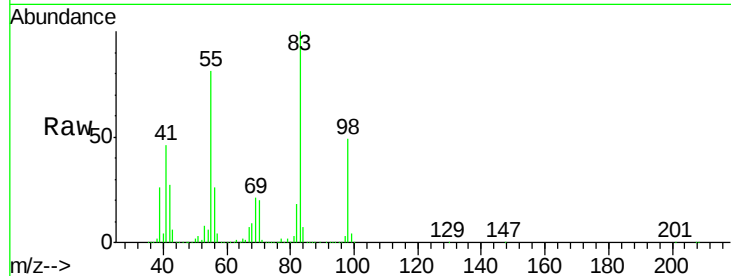




#39
Methvlcvclohexane
Concen: 107.038 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

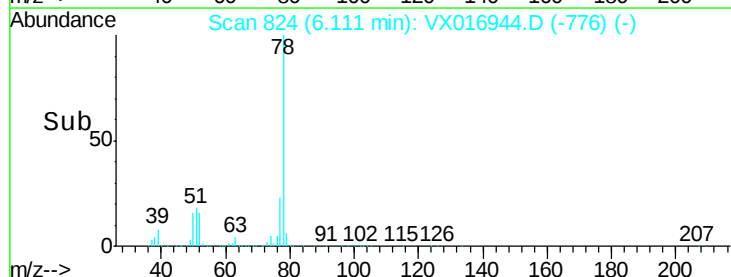
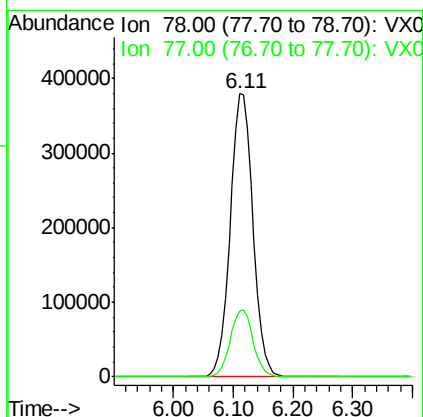
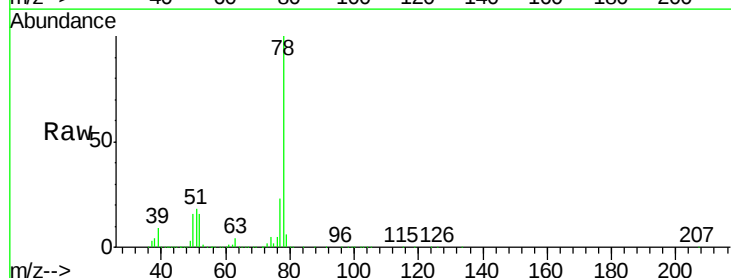
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

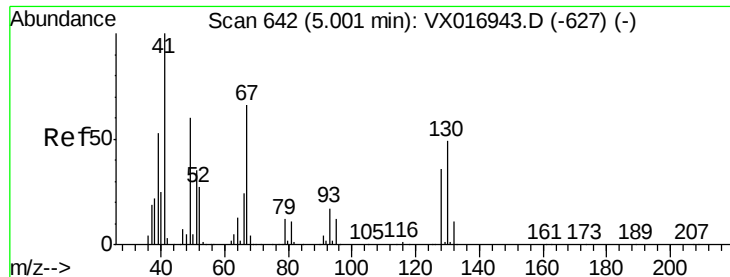
Tot Ion: 83 Resp: 407570
Ion Ratio Lower Upper
83 100
55 81.4 65.5 98.3
98 48.8 37.8 56.8



#40
Benzene
Concen: 100.282 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 78 Resp: 1000191
Ion Ratio Lower Upper
78 100
77 23.4 18.2 27.2





#41

Methacrylonitrile

Concen: 135.945 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 41 Resp: 226534

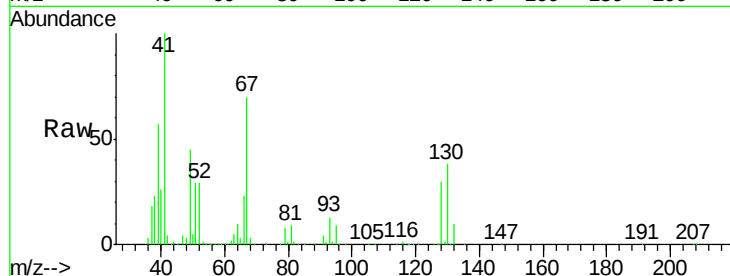
Ion Ratio Lower Upper

41 100

39 55.0 43.4 65.0

67 67.6 55.6 83.4

52 28.1 23.0 34.6

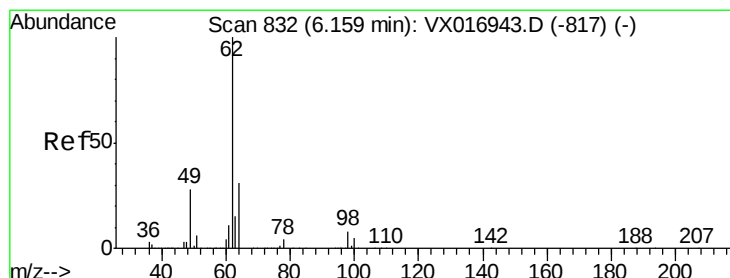
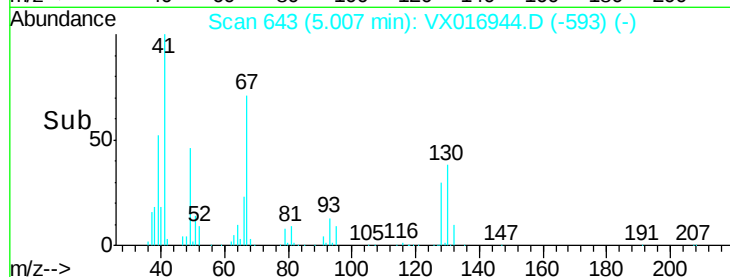
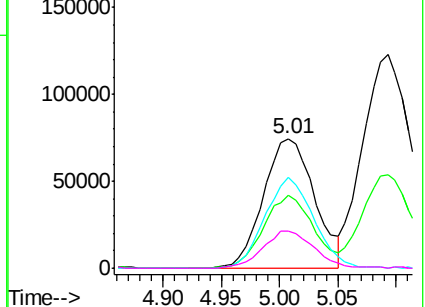


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 108.138 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX016944.D

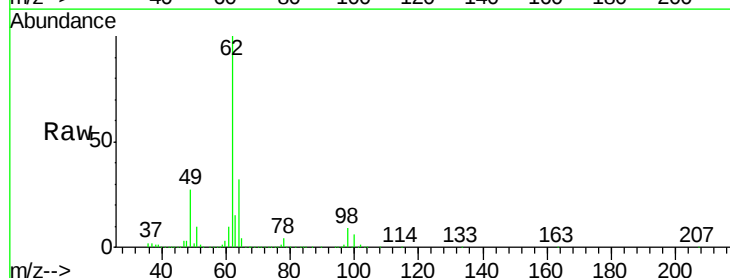
Acq: 24 Jun 2020 12:24

Tgt Ion: 62 Resp: 390423

Ion Ratio Lower Upper

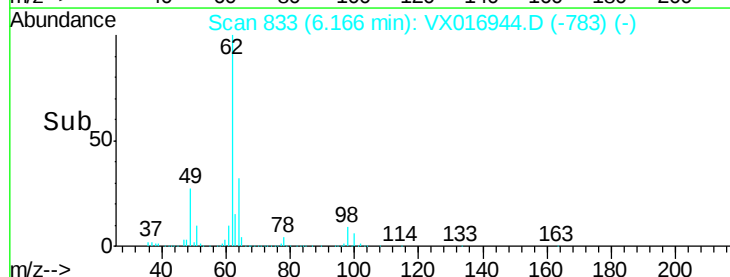
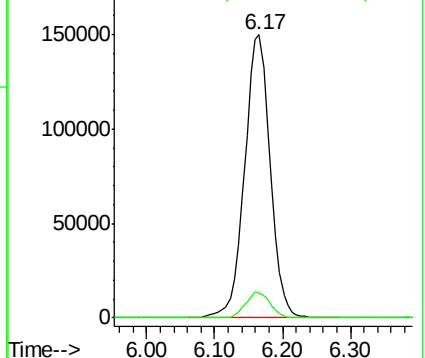
62 100

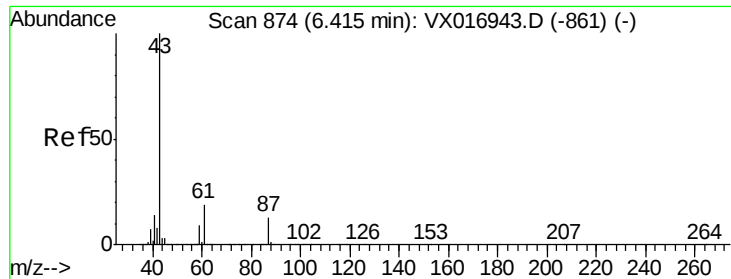
98 8.8 0.0 17.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



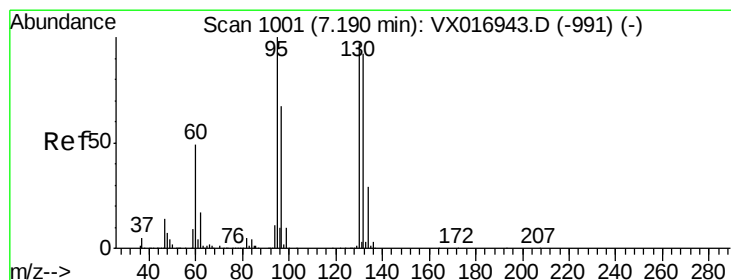
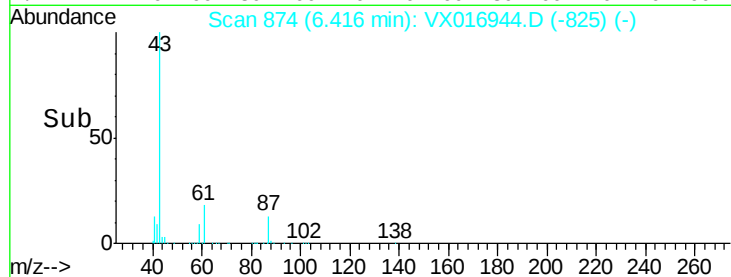
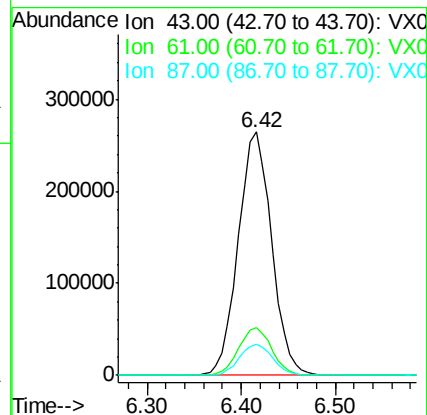
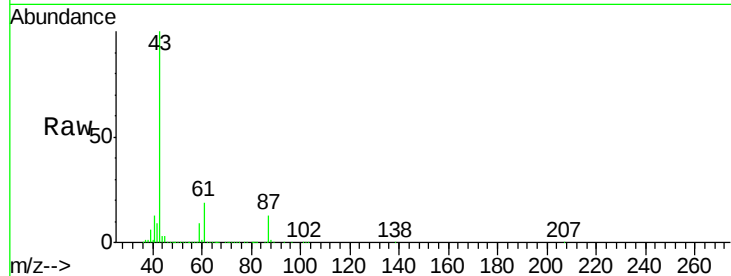


#43

Isopropyl Acetate
 Concen: 123.988 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

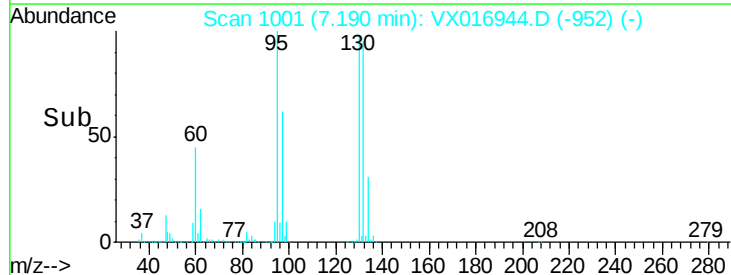
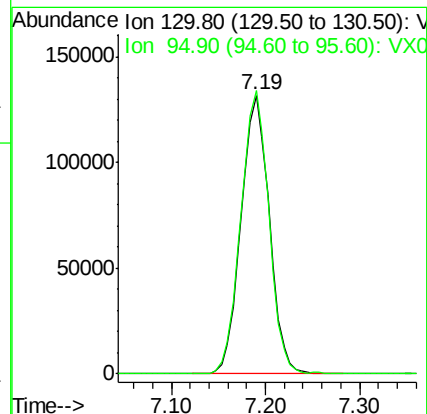
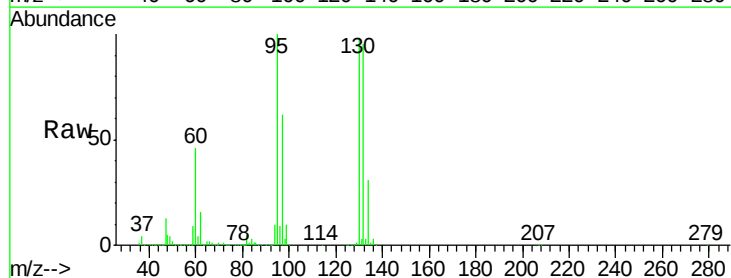
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.1	22.7
87	12.9	10.2	15.2

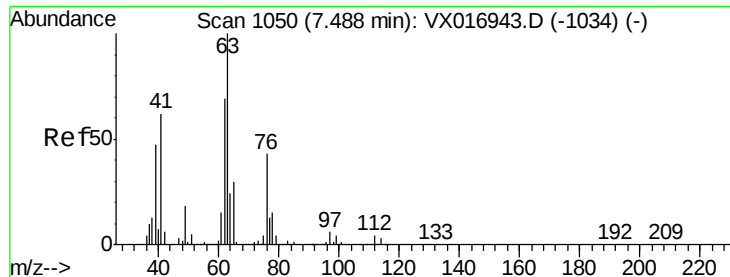


#44

Trichloroethene
 Concen: 95.514 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	206.2





#45

1,2-Dichloropropane

Concen: 104.539 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

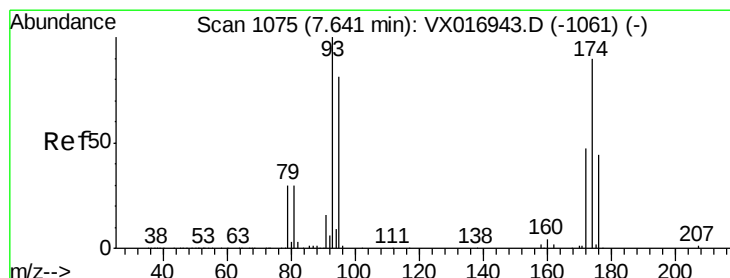
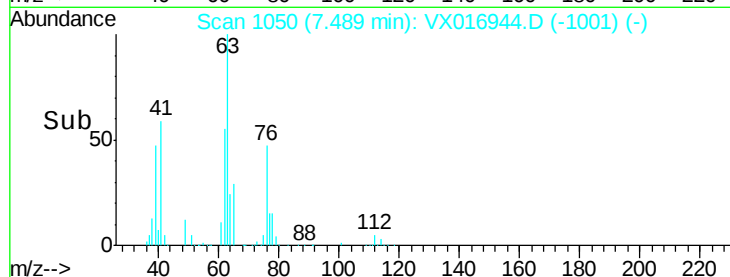
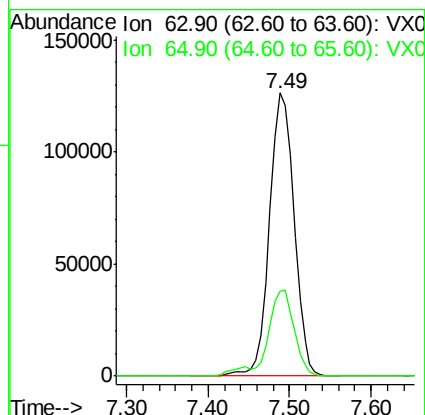
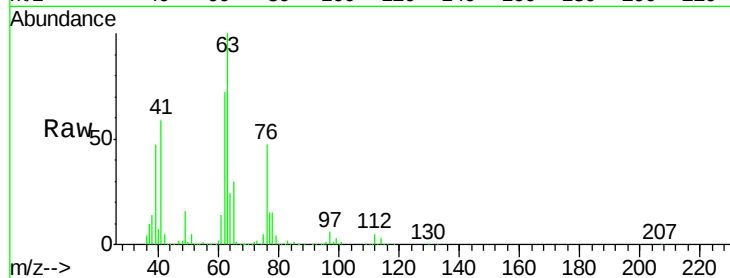
VSTDIC100

Tot Ion: 63 Resp: 264065

Ion Ratio Lower Upper

63 100

65 30.1 24.3 36.5



#46

Dibromomethane

Concen: 104.321 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

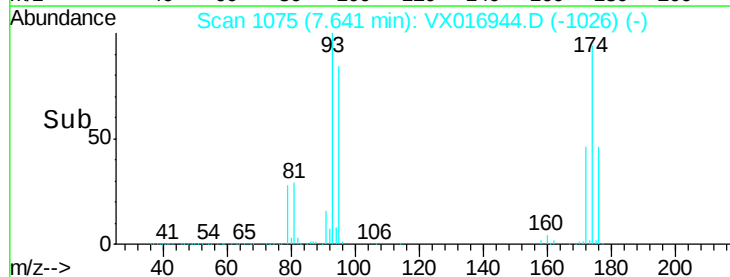
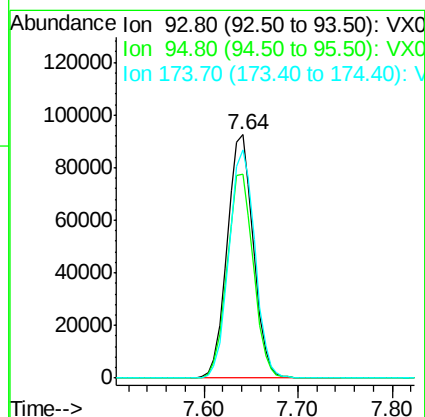
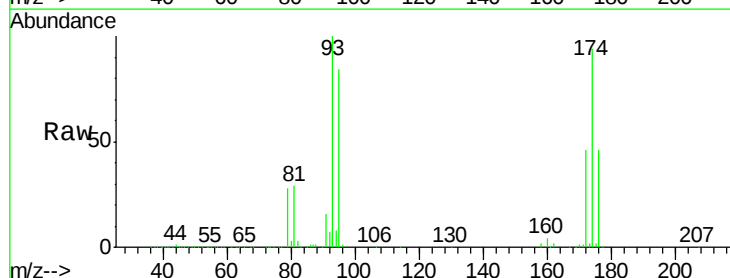
Tgt Ion: 93 Resp: 178446

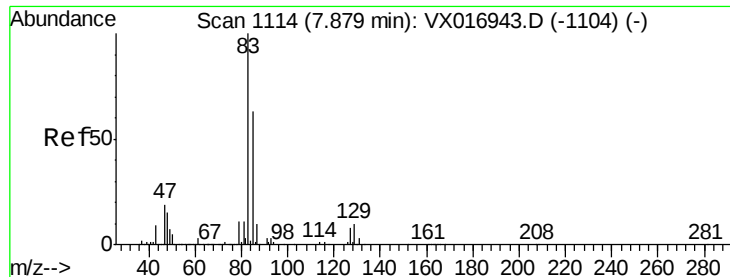
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 93.2 71.9 107.9





#47

Bromodichloromethane

Concen: 107.366 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

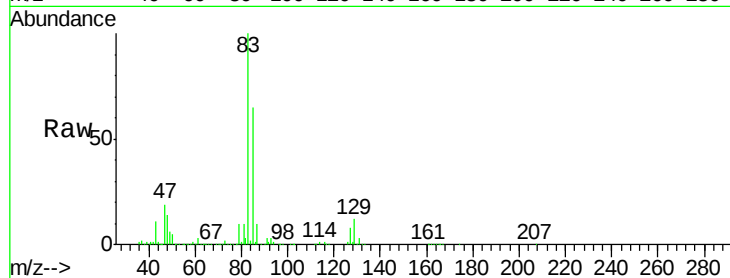
Tot Ion: 83 Resp: 391488

Ion Ratio Lower Upper

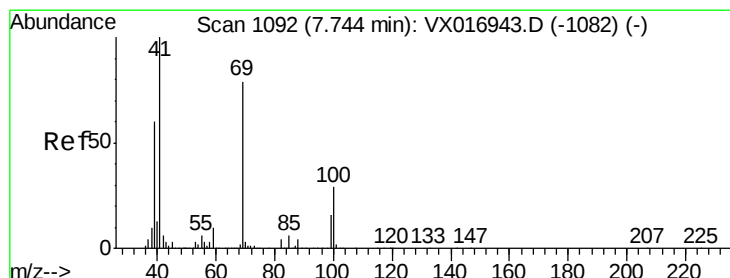
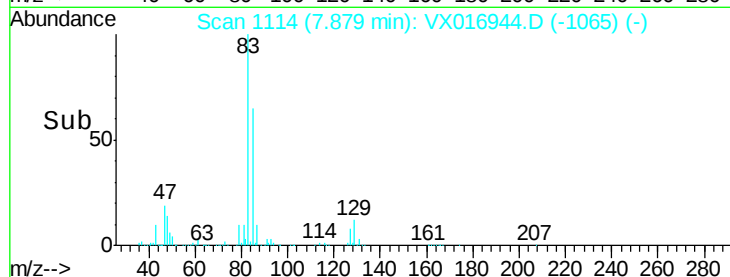
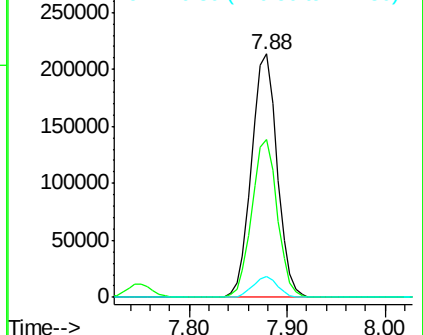
83 100

85 64.8 50.4 75.6

127 8.4 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: 128.543 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

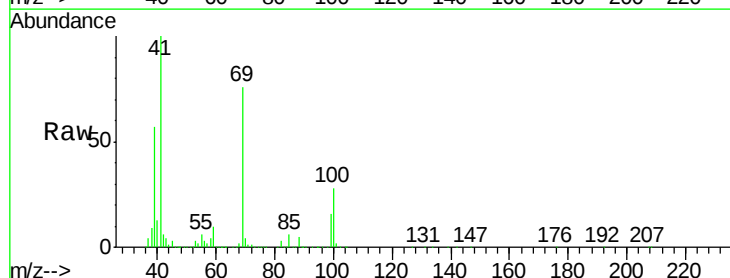
Tgt Ion: 41 Resp: 323312

Ion Ratio Lower Upper

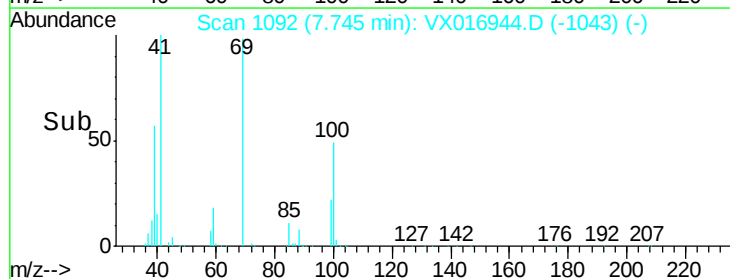
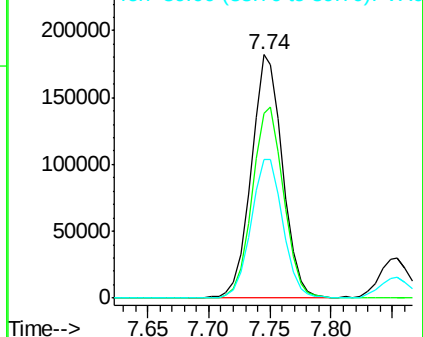
41 100

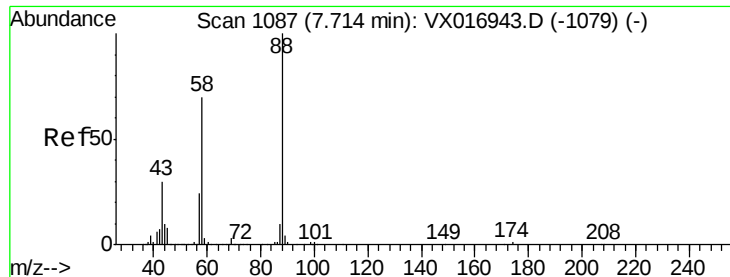
69 79.5 62.3 93.5

39 58.2 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: 2363.284 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

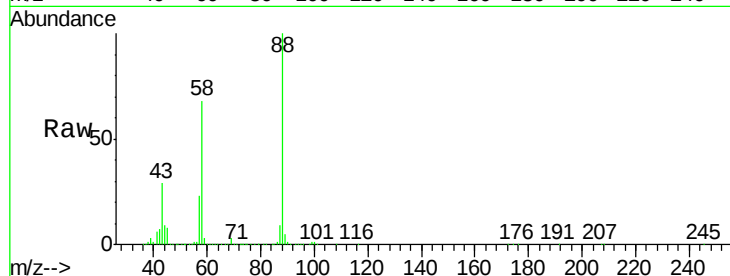
Tot Ion: 88 Resp: 129722

Ion Ratio Lower Upper

88 100

43 34.1 28.8 43.2

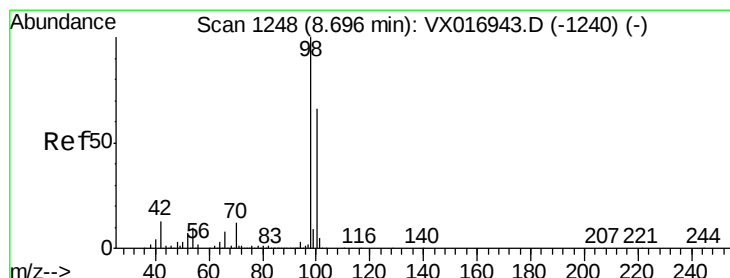
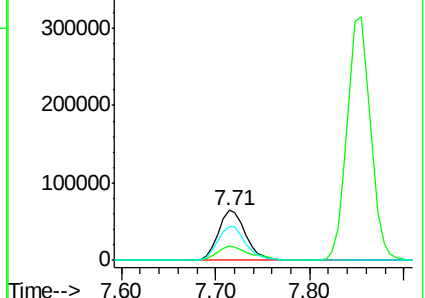
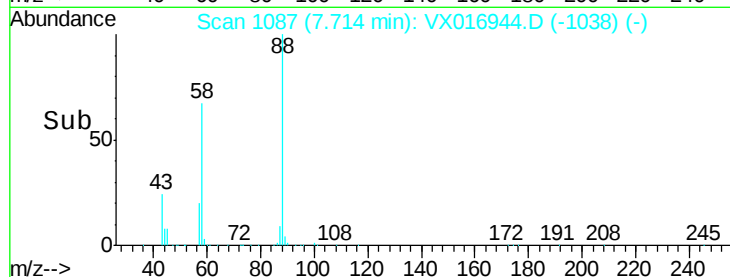
58 70.9 58.4 87.6



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: 98.405 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016944.D

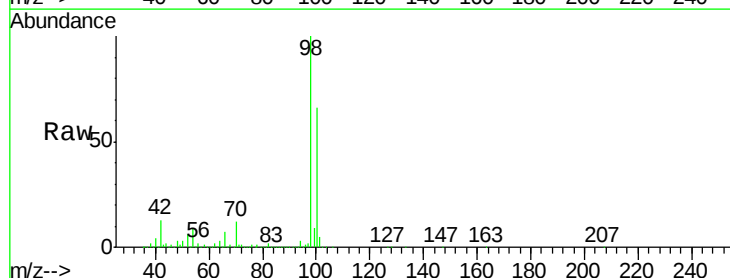
Acq: 24 Jun 2020 12:24

Tgt Ion: 98 Resp: 891397

Ion Ratio Lower Upper

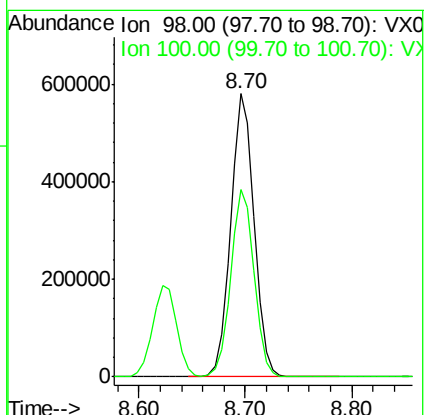
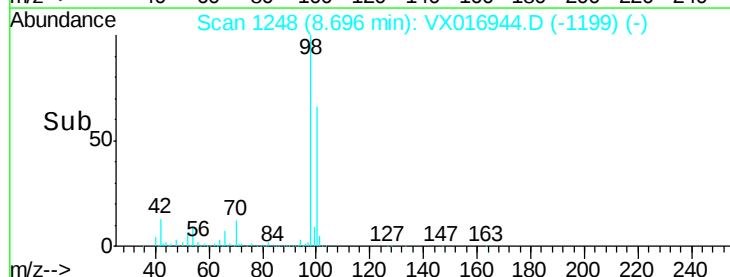
98 100

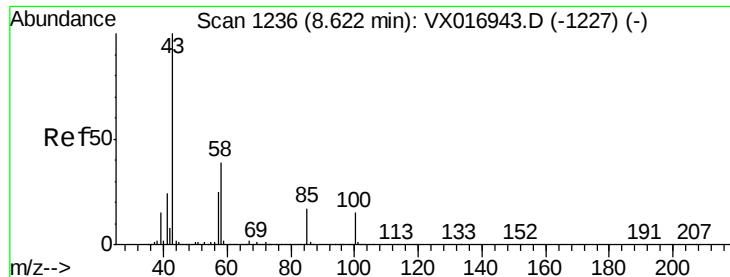
100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

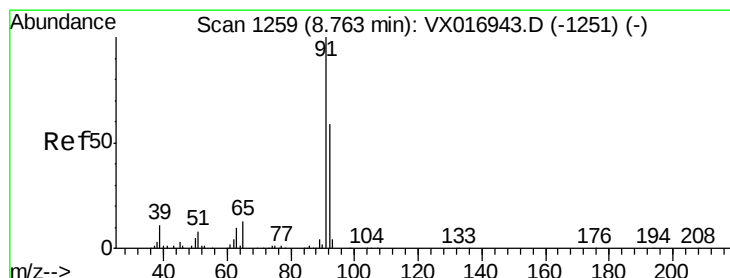
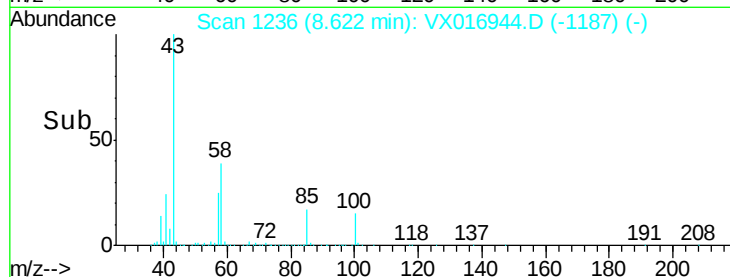
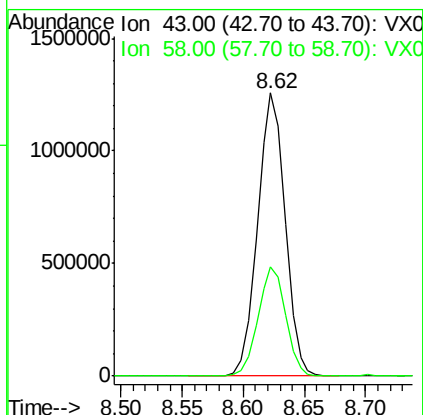
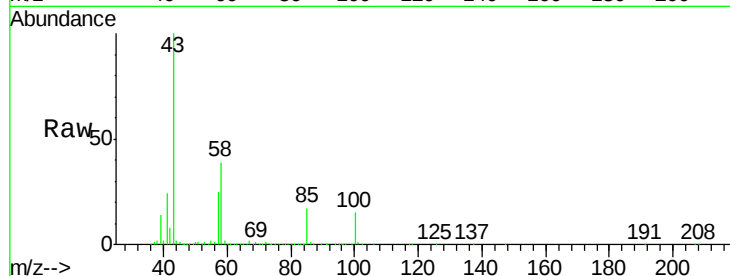




#51
4-Methyl-2-Pentanone
Concen: 619.555 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

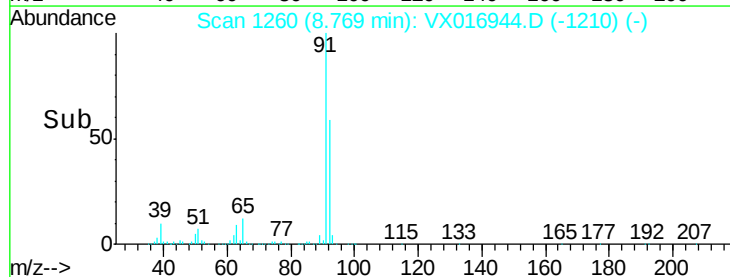
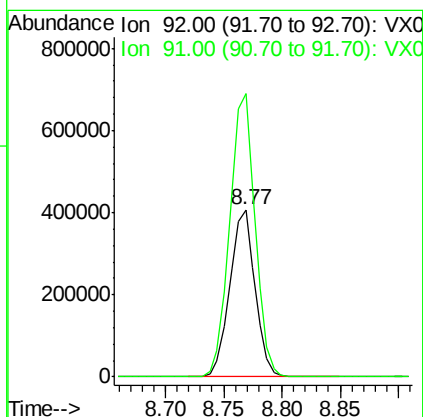
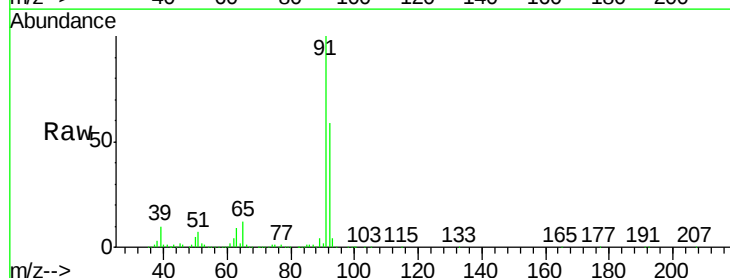
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

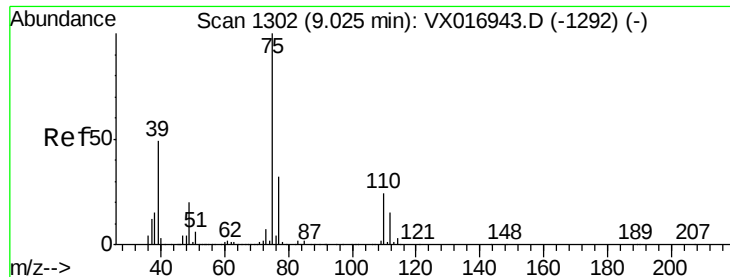
Tot Ion: 43 Resp: 1973911
Ion Ratio Lower Upper
43 100
58 38.7 30.7 46.1



#52
Toluene
Concen: 93.200 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 92 Resp: 612893
Ion Ratio Lower Upper
92 100
91 170.8 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 111.683 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

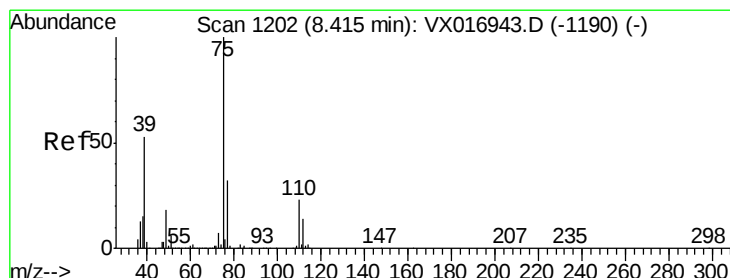
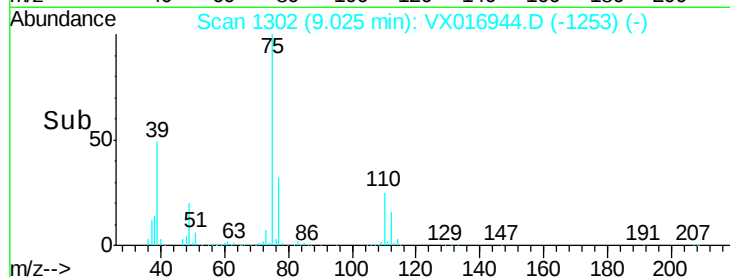
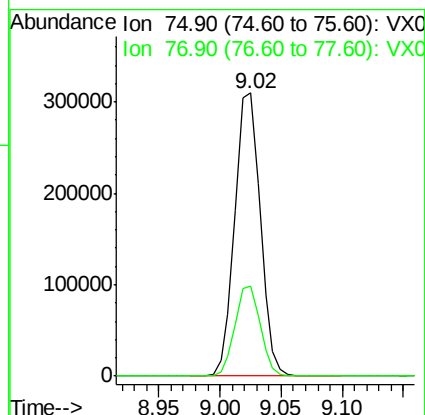
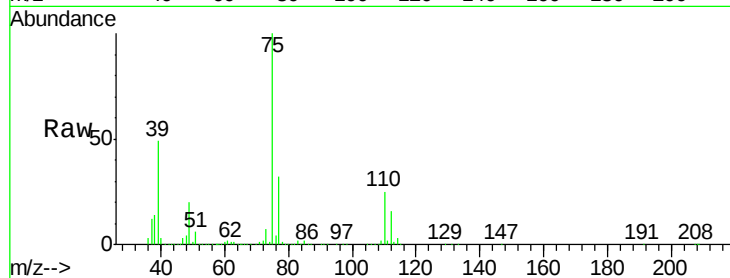
VSTDIC100

Tot Ion: 75 Resp: 447111

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 108.424 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

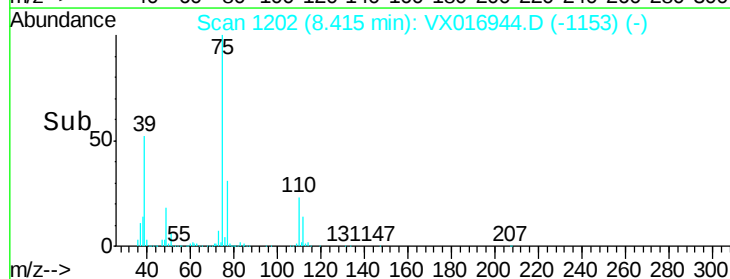
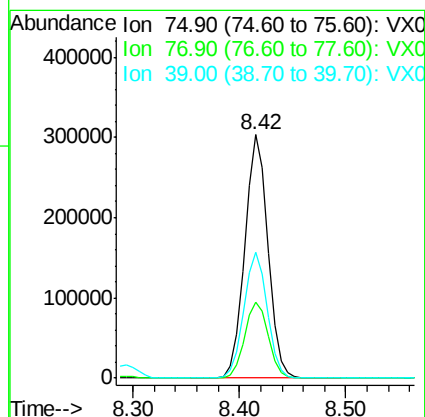
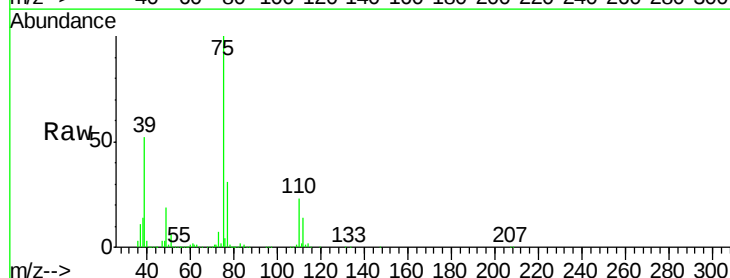
Tgt Ion: 75 Resp: 463129

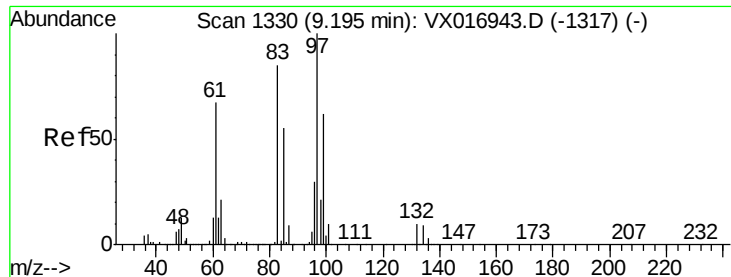
Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4

39 51.5 42.6 64.0

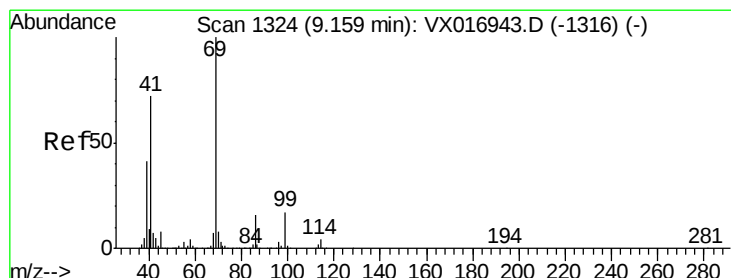
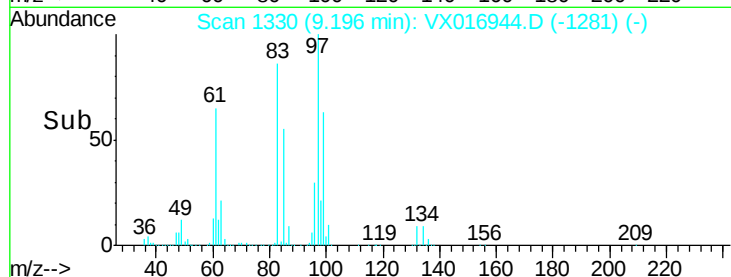
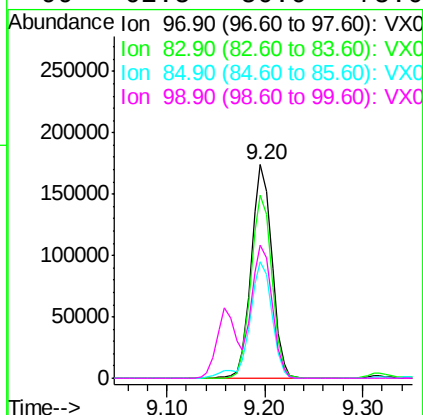
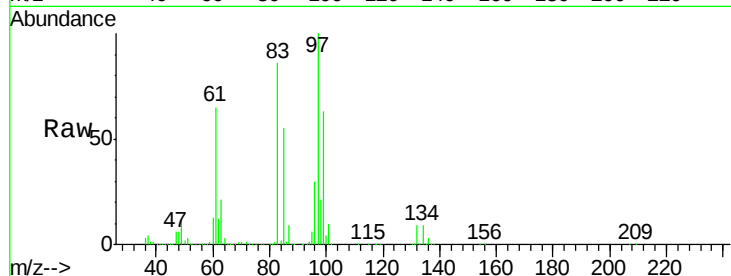




#55
1,1,2-Trichloroethane
Concen: 104.421 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

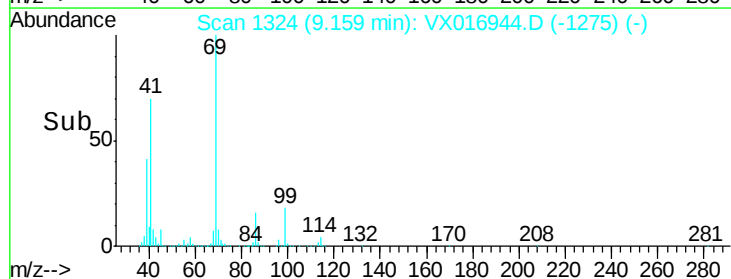
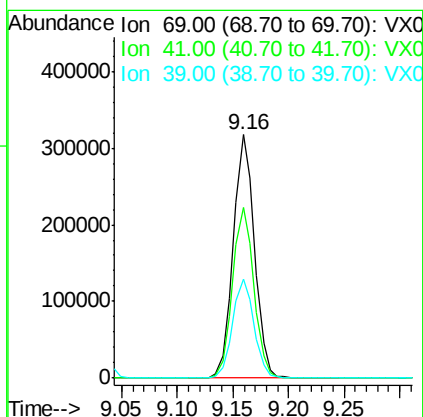
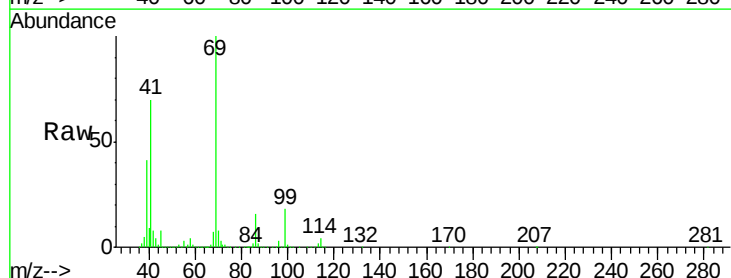
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

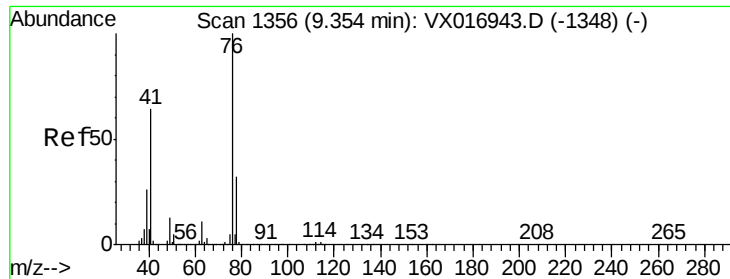
Tot Ion:	97	Resp:	256730
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.2	102.4
85	54.8	44.3	66.5
99	62.5	50.0	75.0



#56
Ethyl methacrylate
Concen: 117.277 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion:	69	Resp:	418613
Ion	Ratio	Lower	Upper
69	100		
41	70.2	57.0	85.4
39	40.9	33.1	49.7





#57

1,3-Dichloropropane

Concen: 108.681 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

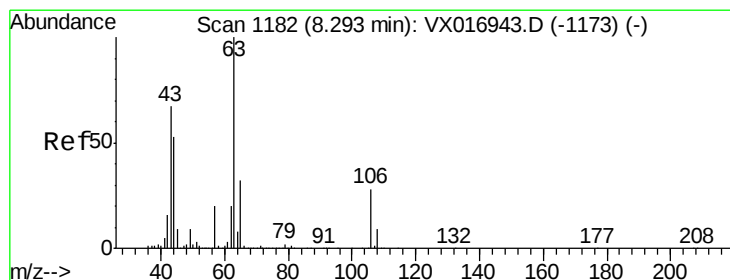
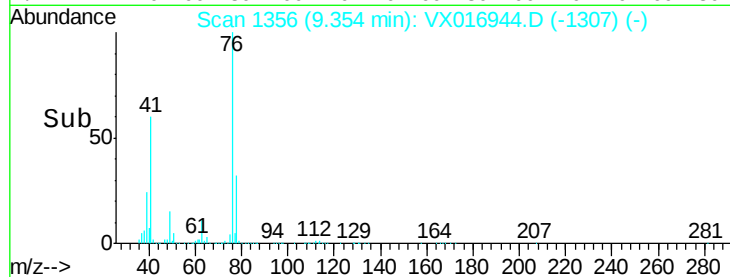
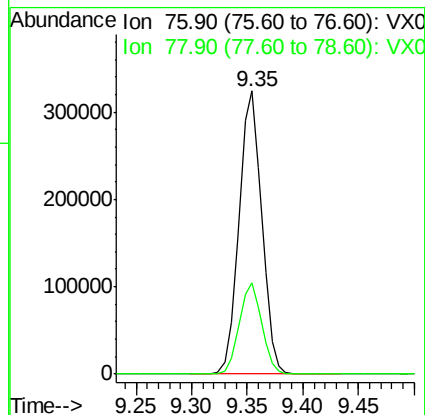
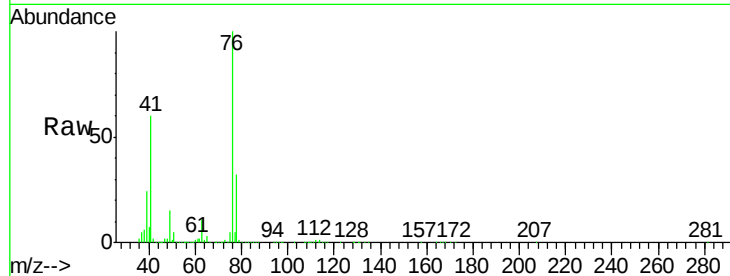
VSTDIC100

Tot Ion: 76 Resp: 457105

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 647.128 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016944.D

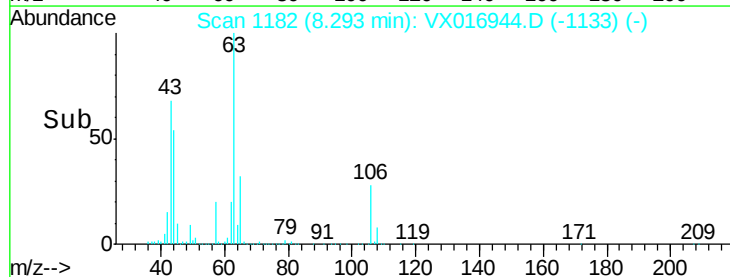
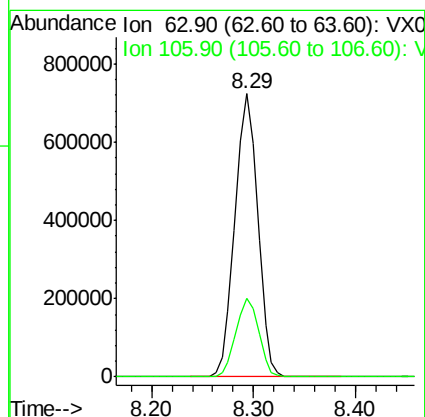
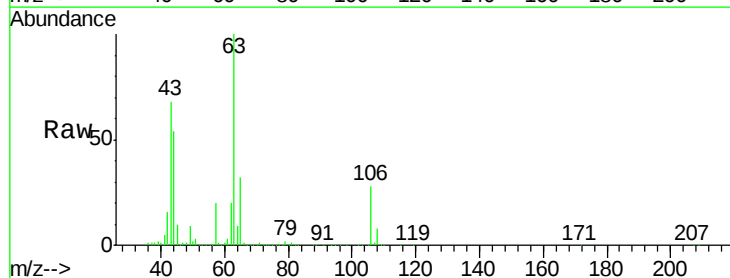
Acq: 24 Jun 2020 12:24

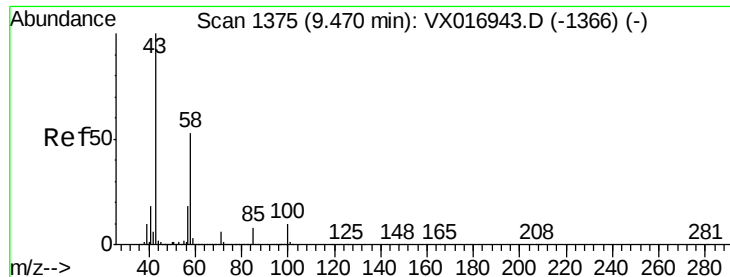
Tgt Ion: 63 Resp: 1119313

Ion Ratio Lower Upper

63 100

106 27.9 22.0 33.0

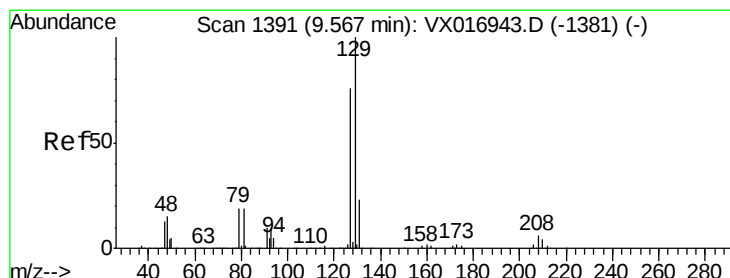
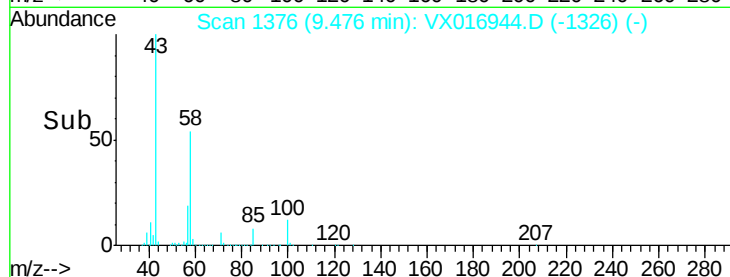
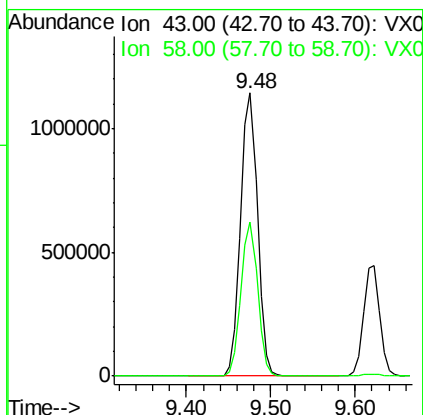
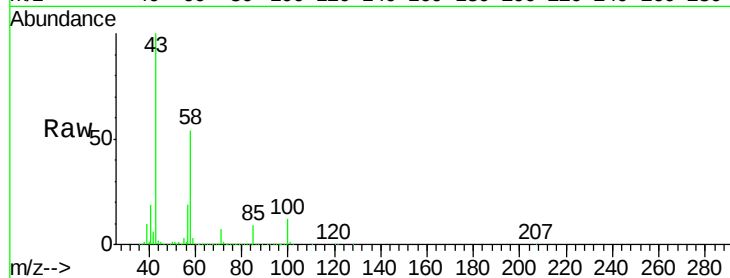




#59
2-Hexanone
Concen: 658.560 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

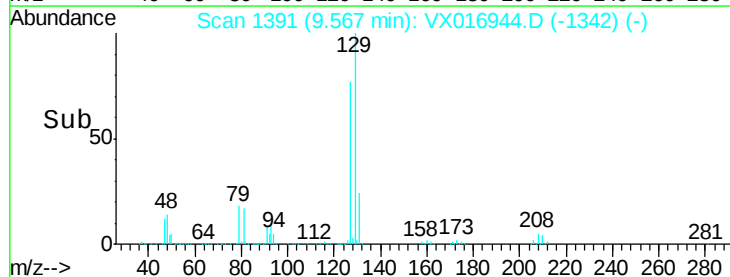
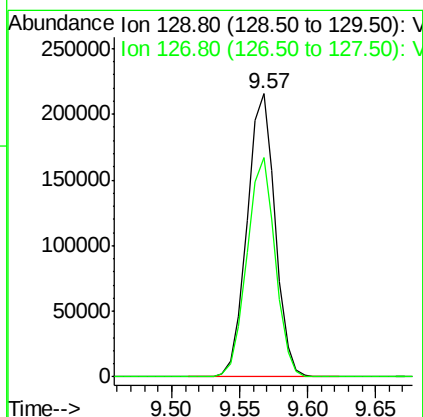
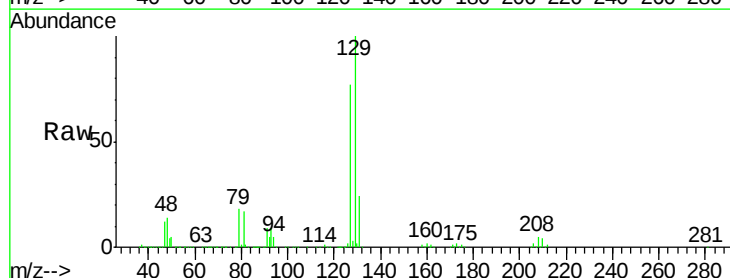
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

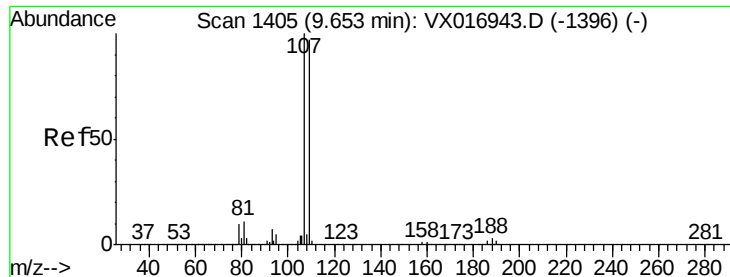
Tot Ion: 43 Resp: 1525595
Ion Ratio Lower Upper
43 100
58 53.6 26.8 80.4



#60
Dibromochloromethane
Concen: 106.290 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 129 Resp: 311587
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.5





#61

1,2-Dibromoethane

Concen: 107.817 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

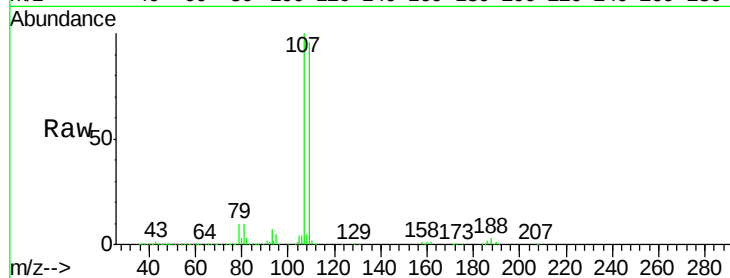
VSTDIC100

Tot Ion:107 Resp: 290061

Ion Ratio Lower Upper

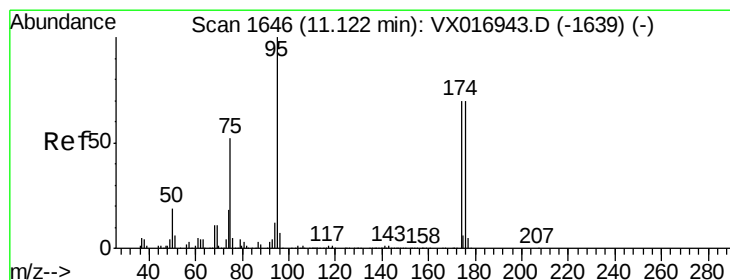
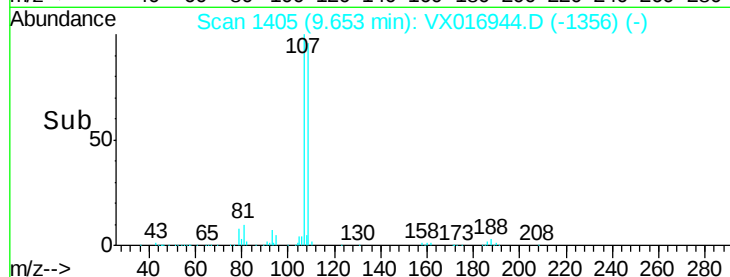
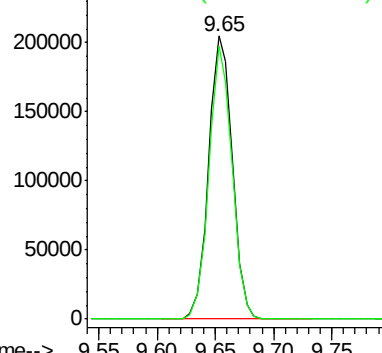
107 100

109 94.2 74.2 111.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 101.525 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

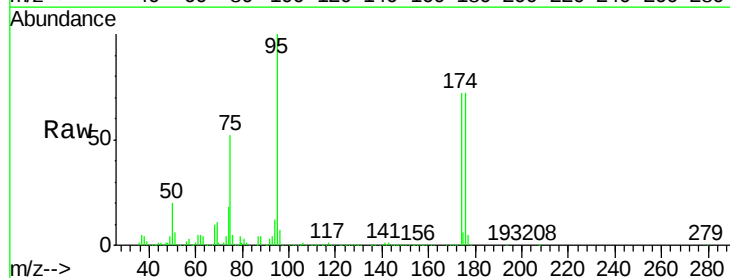
Tgt Ion: 95 Resp: 358174

Ion Ratio Lower Upper

95 100

174 72.2 0.0 142.0

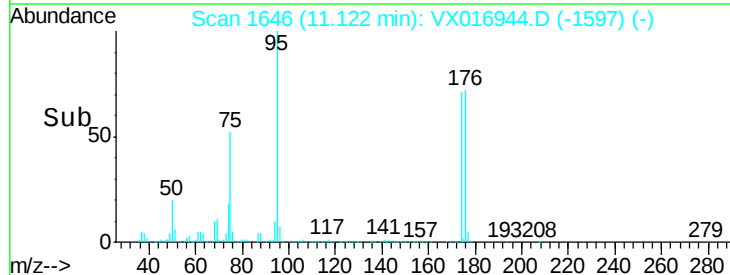
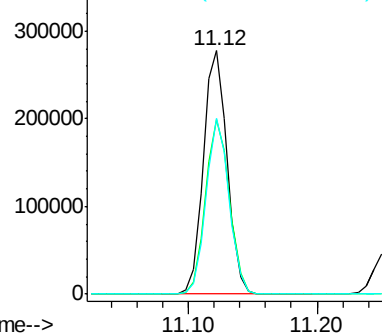
176 70.0 0.0 141.4

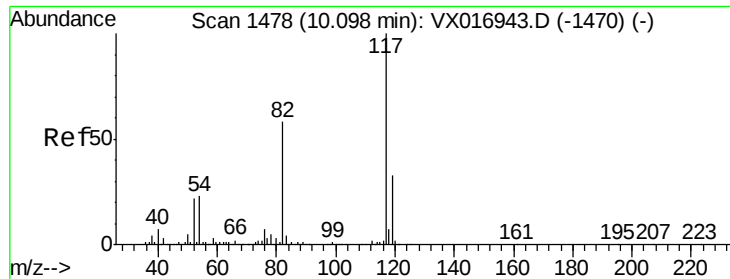


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

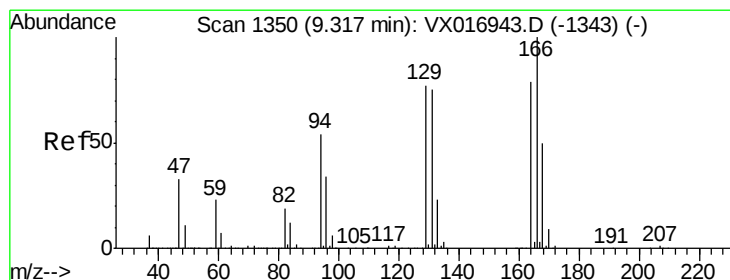
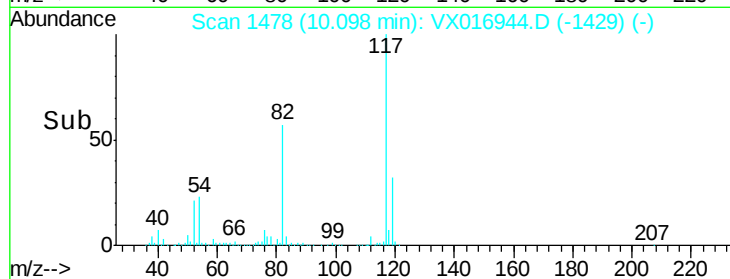
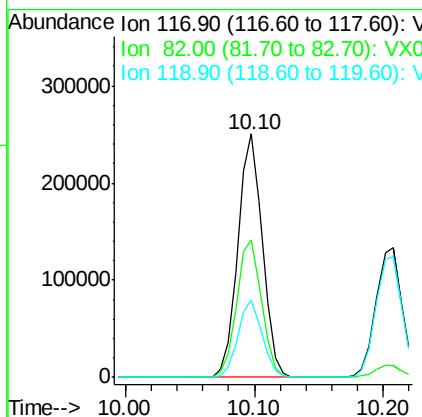
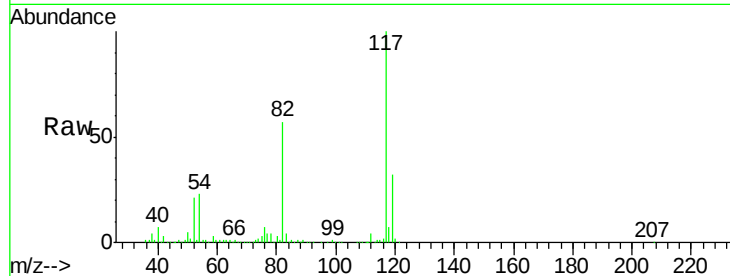




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

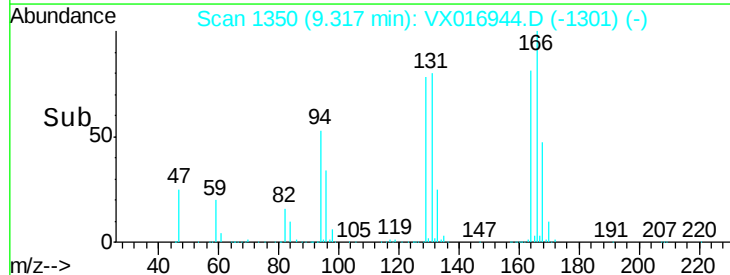
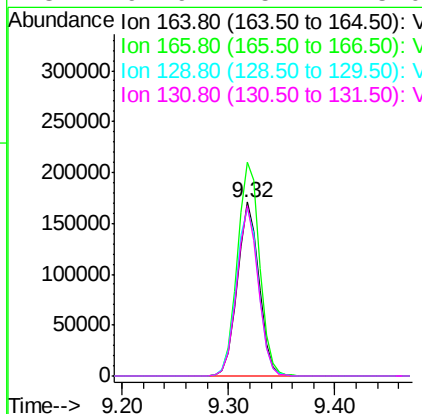
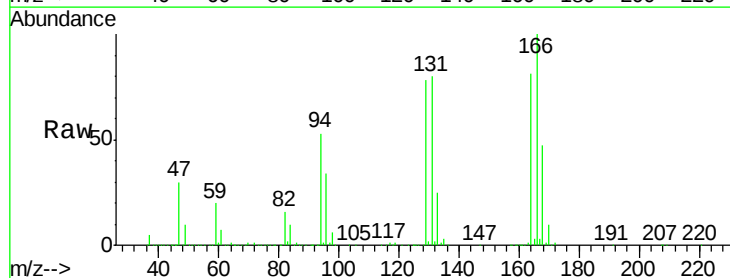
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

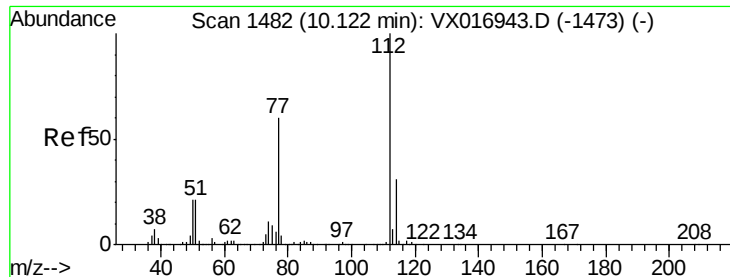
Tot Ion:117 Resp: 330365
Ion Ratio Lower Upper
117 100
82 56.6 46.7 70.1
119 31.7 26.4 39.6



#64
Tetrachloroethene
Concen: 81.628 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion:164 Resp: 242532
Ion Ratio Lower Upper
164 100
166 122.9 101.0 151.6
129 96.3 78.2 117.2
131 97.9 75.4 113.0





#65

Chlorobenzene

Concen: 98.909 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

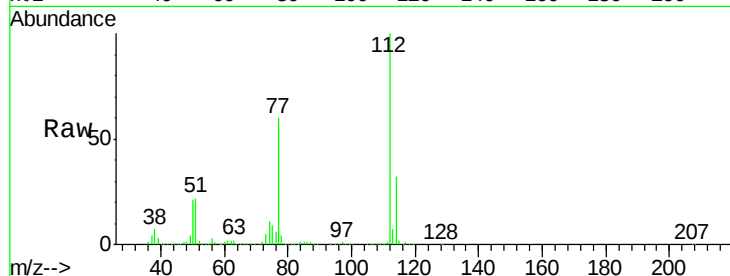
VSTDICC100

Tot Ion:112 Resp: 667304

Ion Ratio Lower Upper

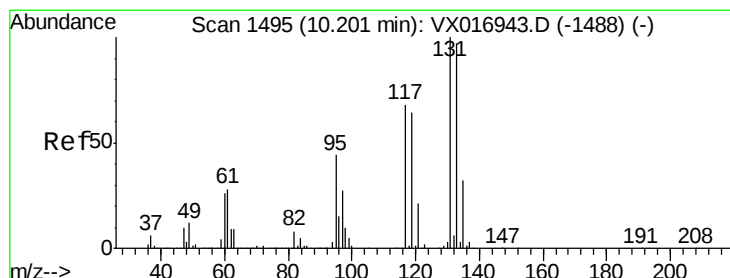
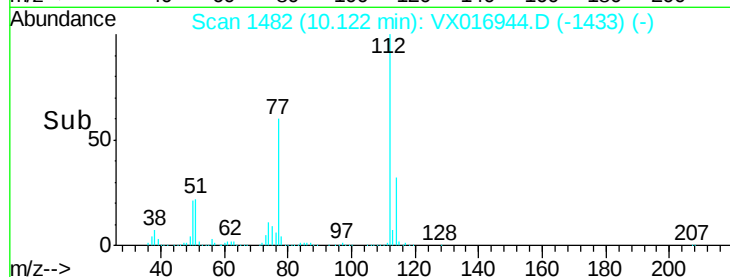
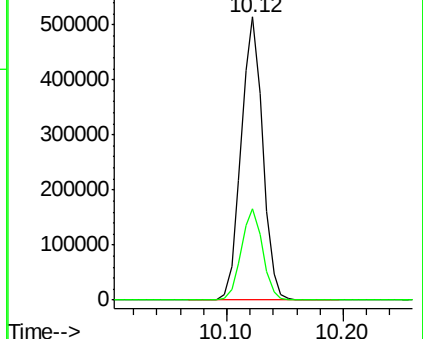
112 100

114 32.1 24.9 37.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 103.361 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

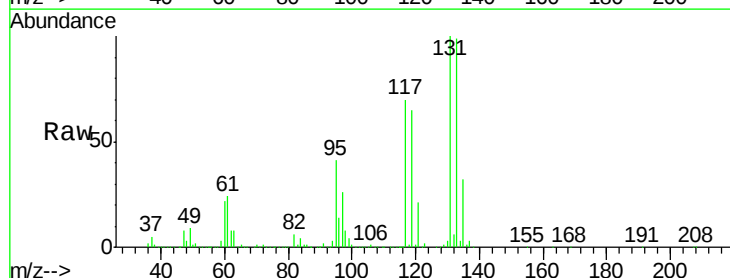
Tgt Ion:131 Resp: 271093

Ion Ratio Lower Upper

131 100

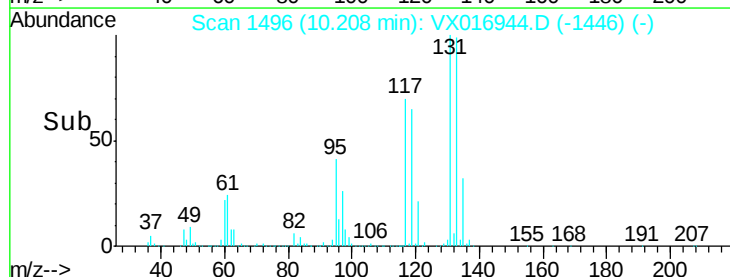
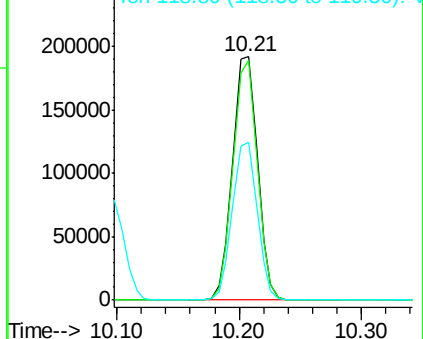
133 95.9 47.4 142.2

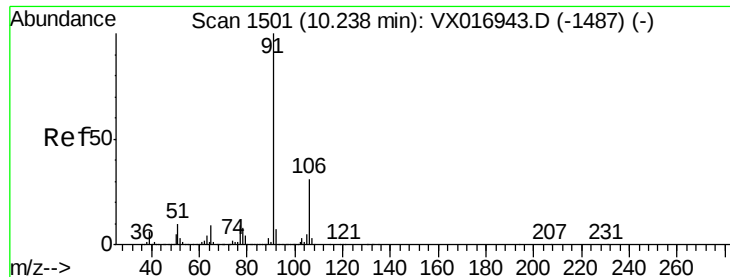
119 64.5 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V





#67

Ethyl Benzene

Concen: 110.444 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

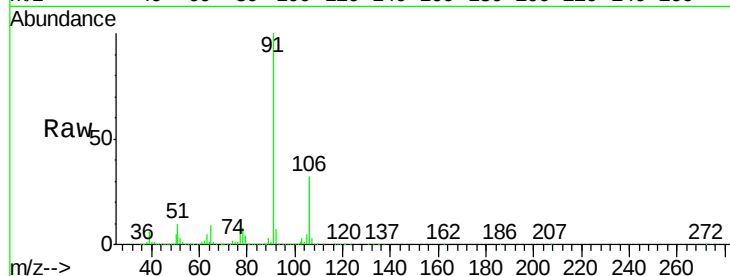
VSTDIC100

Tot Ion: 91 Resp: 1278141

Ion Ratio Lower Upper

91 100

106 31.5 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX016944.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX016944.D (-1452) (-)

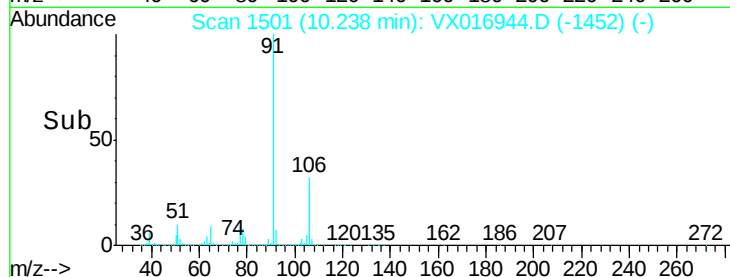
1500000

1000000

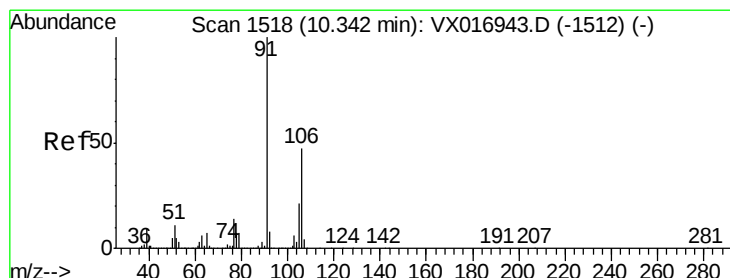
500000

0

Time-->



Time-->



#68

m/p-Xylenes

Concen: 209.556 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016944.D

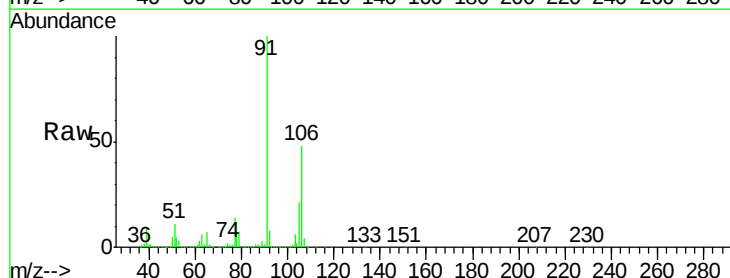
Acq: 24 Jun 2020 12:24

Tgt Ion: 106 Resp: 937411

Ion Ratio Lower Upper

106 100

91 205.5 167.2 250.8



Abundance Ion 106.00 (105.70 to 106.70): VX016944.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX016944.D (-1469) (-)

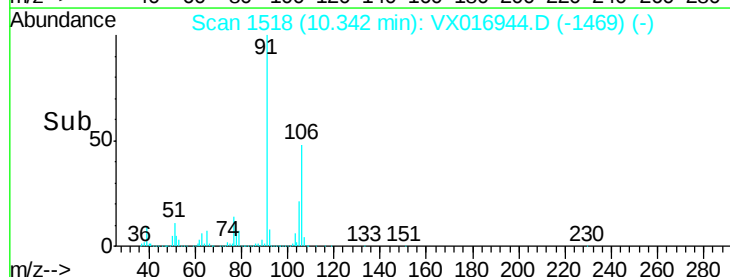
1500000

1000000

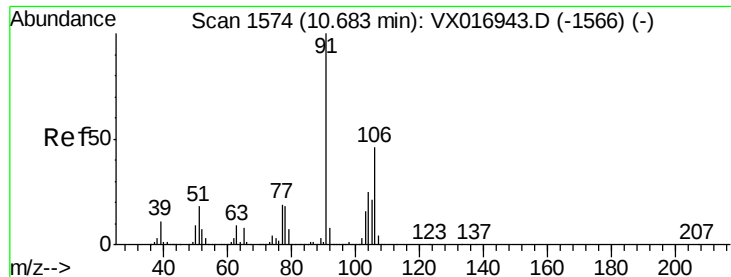
500000

0

Time-->



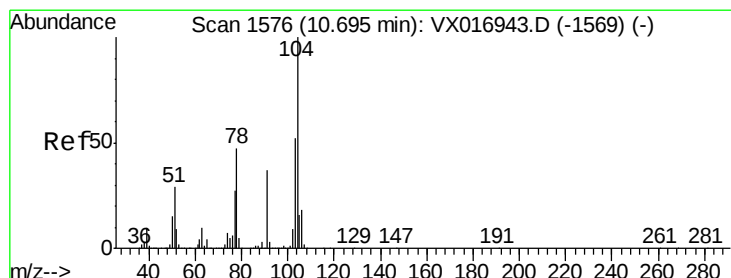
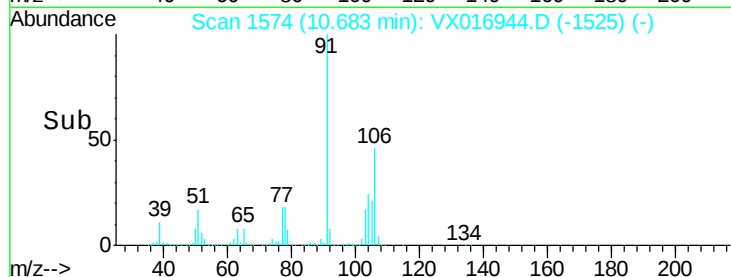
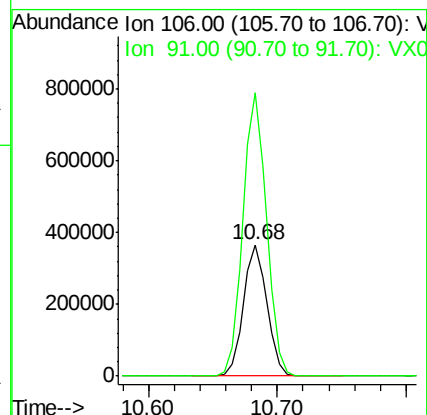
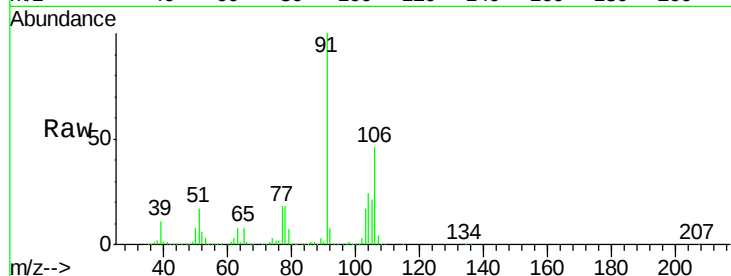
Time-->



#69
o-Xylene
Concen: 111.115 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

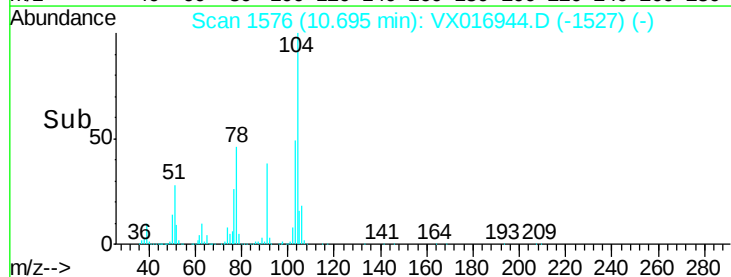
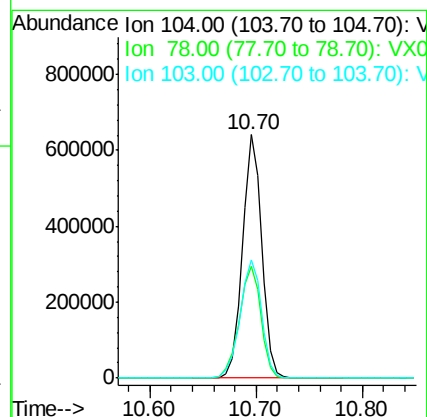
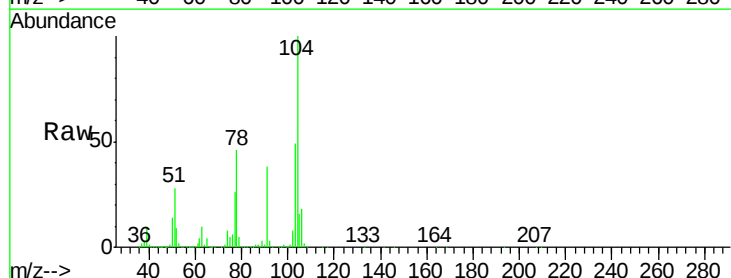
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

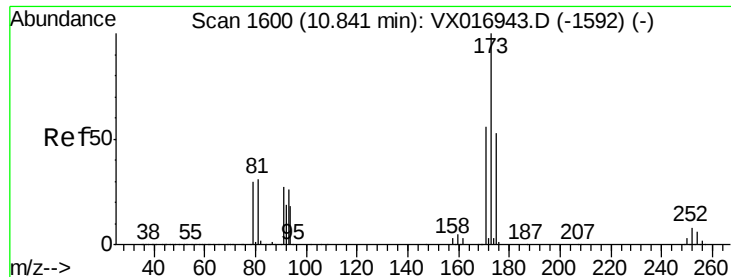
Tot Ion:106 Resp: 461473
Ion Ratio Lower Upper
106 100
91 216.9 109.6 328.6



#70
Styrene
Concen: 115.036 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion:104 Resp: 813922
Ion Ratio Lower Upper
104 100
78 51.5 42.3 63.5
103 54.1 43.8 65.6





#71

Bromoform

Concen: 100.698 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

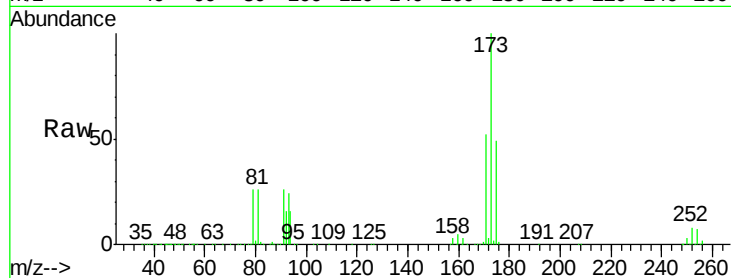
Tot Ion:173 Resp: 219796

Ion Ratio Lower Upper

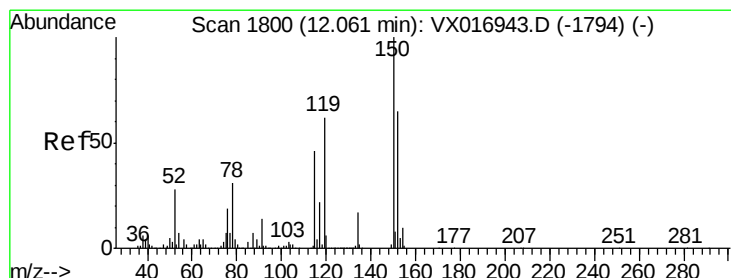
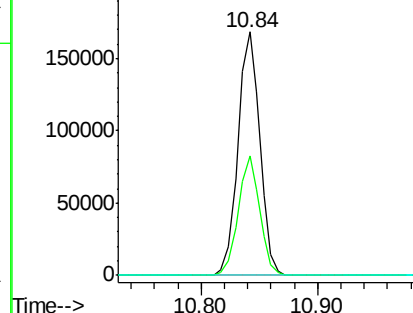
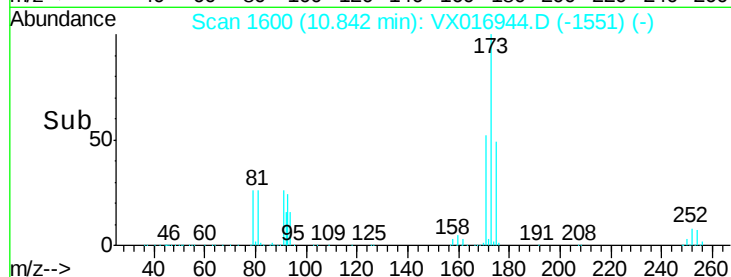
173 100

175 48.3 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: VX016944.D

Acq: 24 Jun 2020 12:24

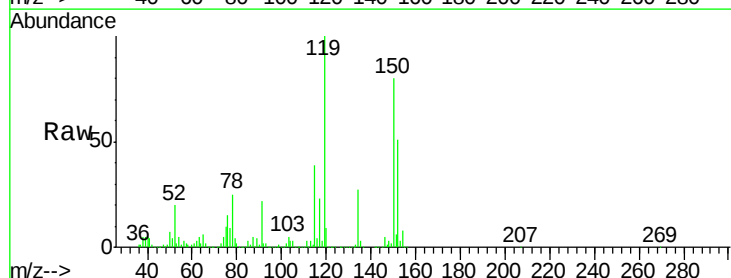
Tgt Ion:152 Resp: 161248

Ion Ratio Lower Upper

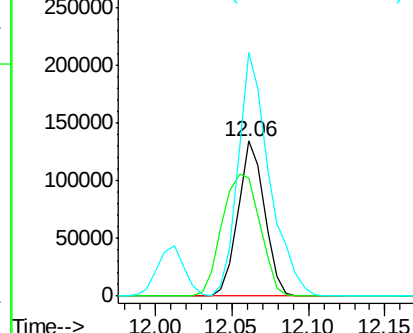
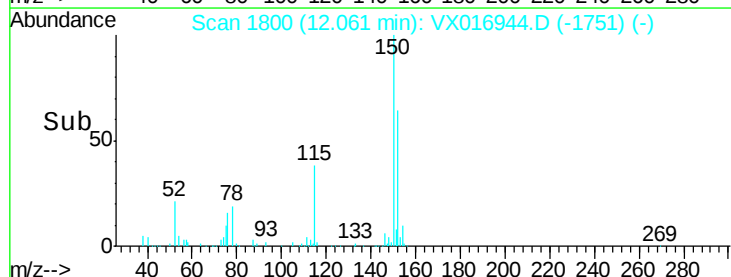
152 100

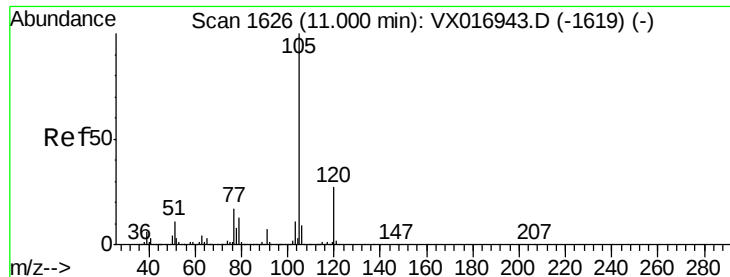
115 113.5 43.4 130.2

150 185.7 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: 120.644 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

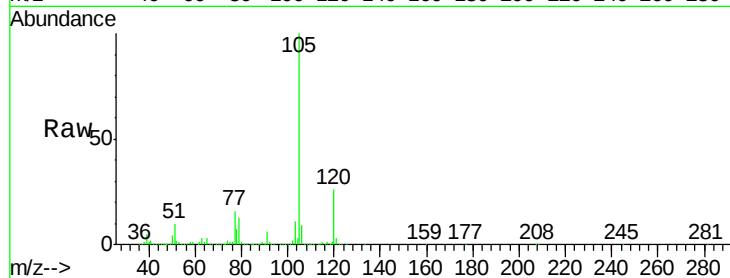
VSTDIC100

Tot Ion:105 Resp: 1272894

Ion Ratio Lower Upper

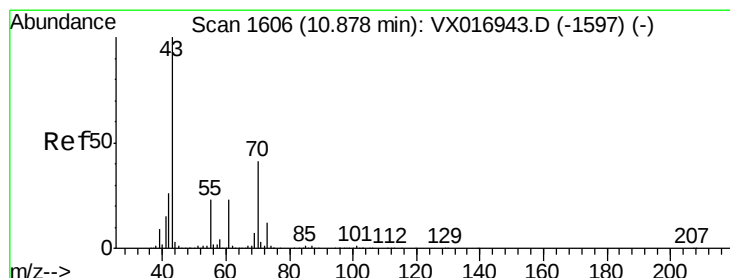
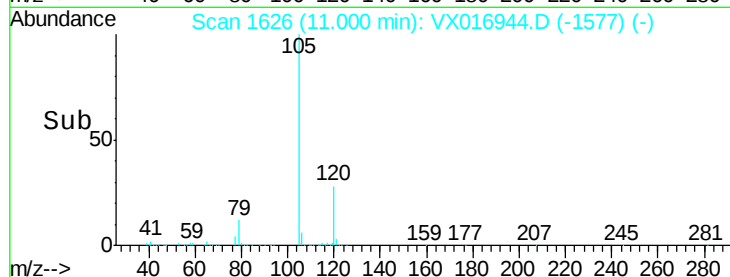
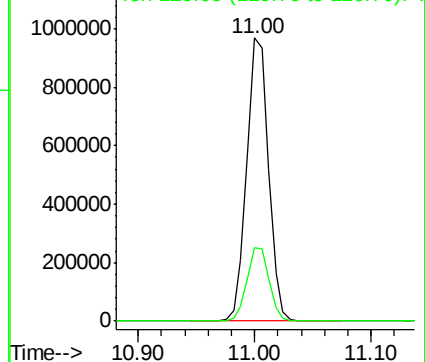
105 100

120 26.3 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: 153.835 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Tgt Ion: 43 Resp: 608396

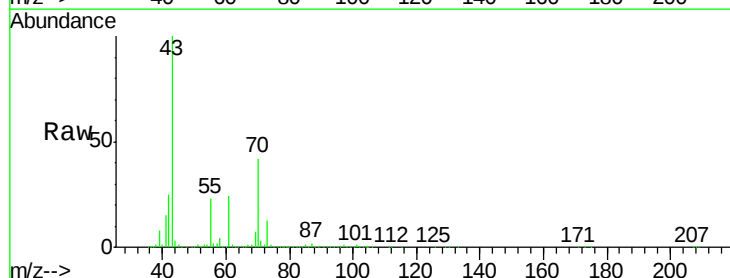
Ion Ratio Lower Upper

43 100

70 41.5 33.0 49.4

55 23.4 19.0 28.4

61 23.9 18.6 28.0

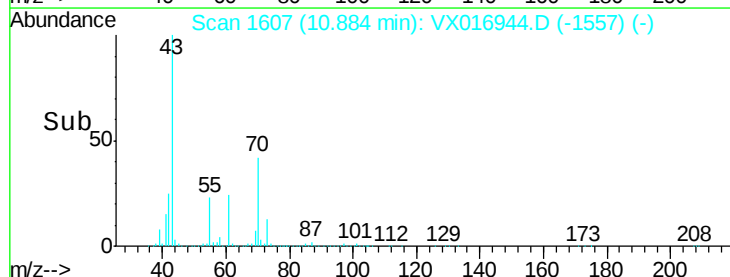
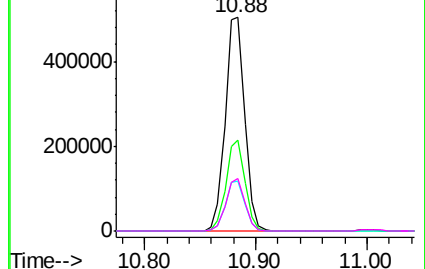


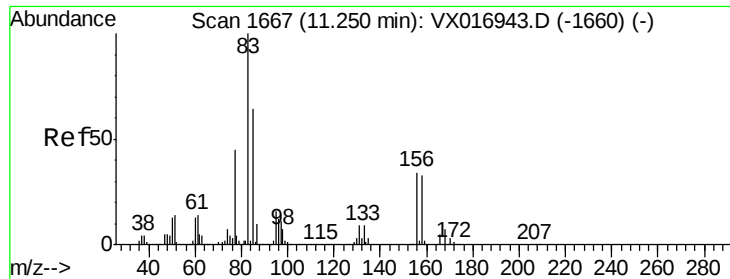
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 120.668 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

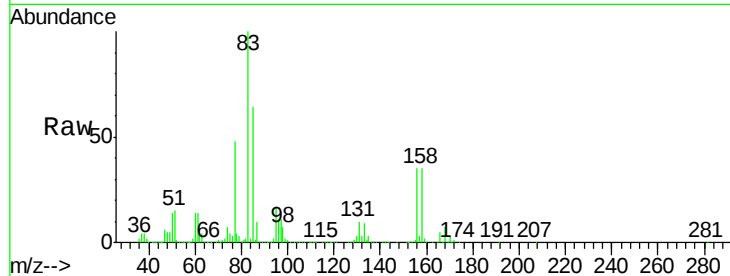
Tot Ion: 83 Resp: 371323

Ion Ratio Lower Upper

83 100

131 10.0 5.0 14.9

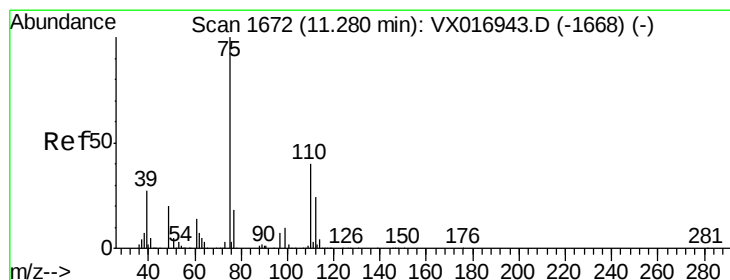
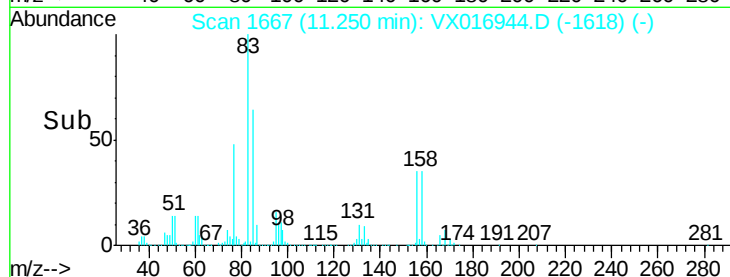
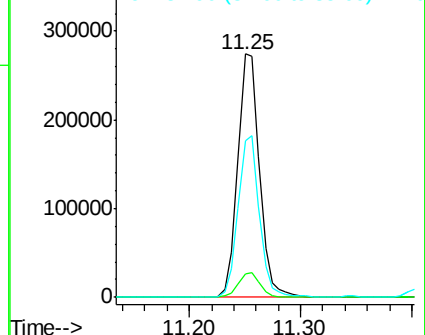
85 65.4 31.9 95.9



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: 120.916 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016944.D

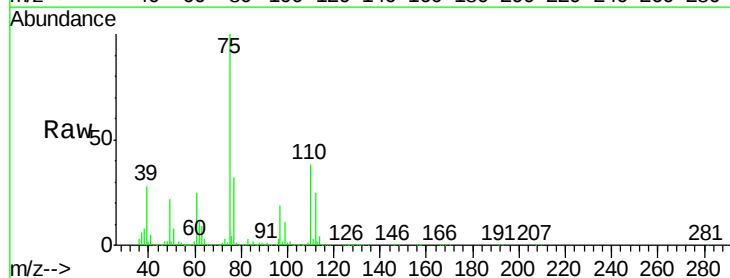
Acq: 24 Jun 2020 12:24

Tgt Ion: 75 Resp: 370379

Ion Ratio Lower Upper

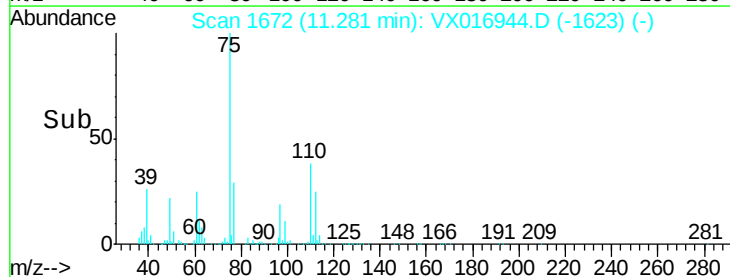
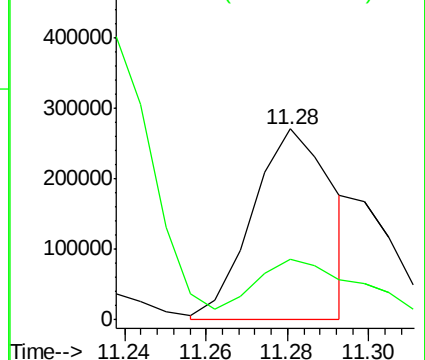
75 100

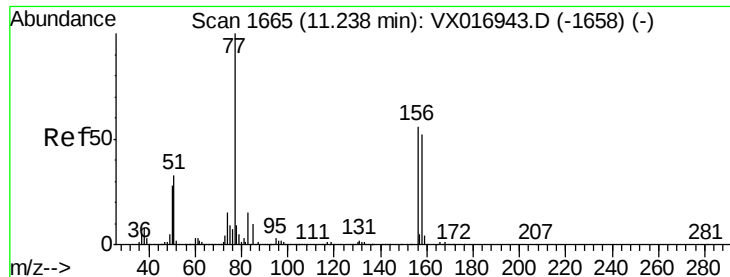
77 42.4 20.3 61.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 104.755 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

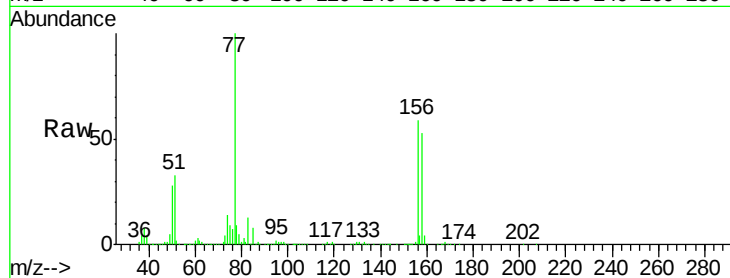
Tot Ion:156 Resp: 296073

Ion Ratio Lower Upper

156 100

77 171.8 88.6 265.9

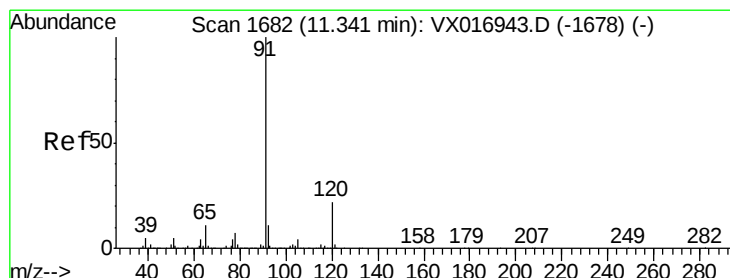
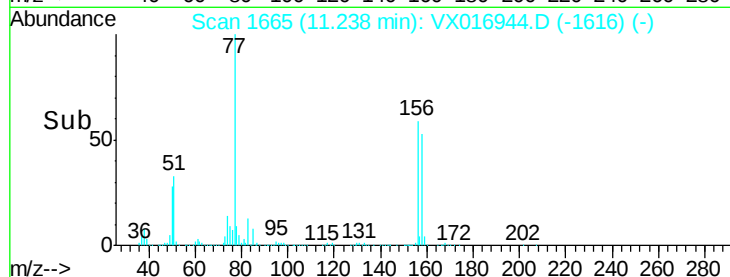
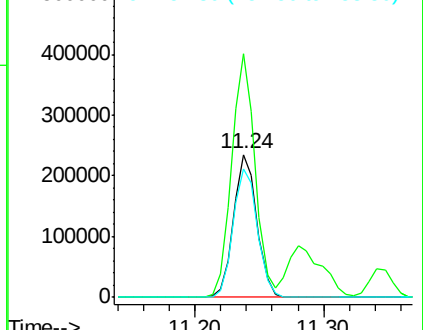
158 94.0 48.4 145.3



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: 120.397 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016944.D

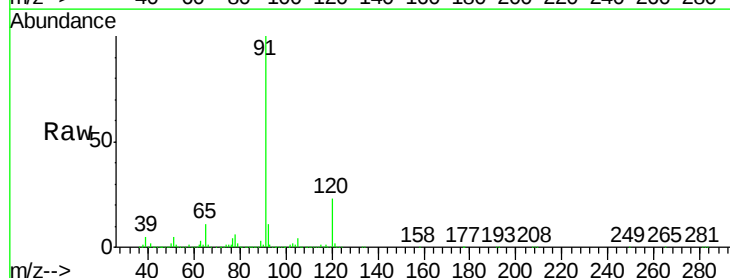
Acq: 24 Jun 2020 12:24

Tgt Ion: 91 Resp: 1431127

Ion Ratio Lower Upper

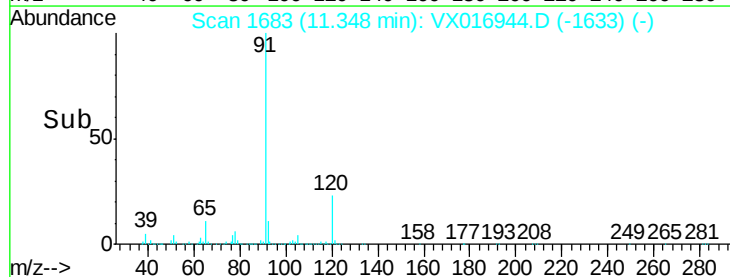
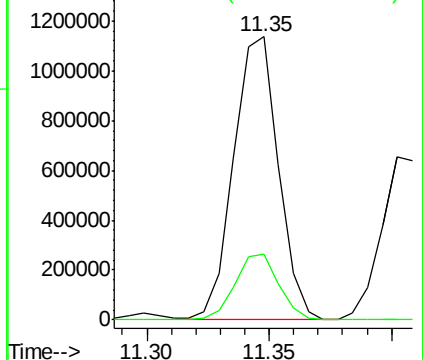
91 100

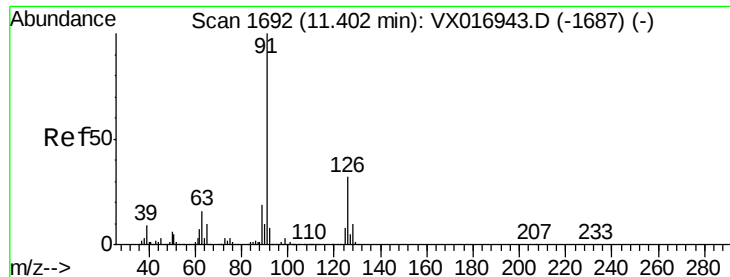
120 23.0 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 116.132 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

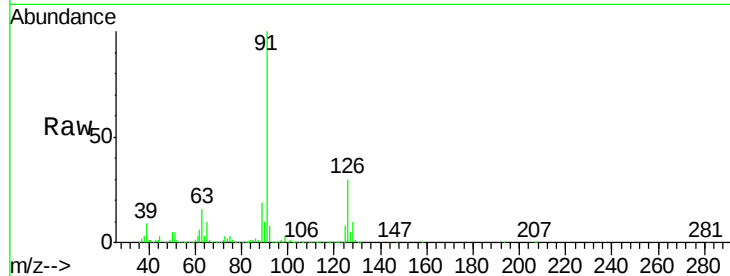
VSTDIC100

Tot Ion: 91 Resp: 843876

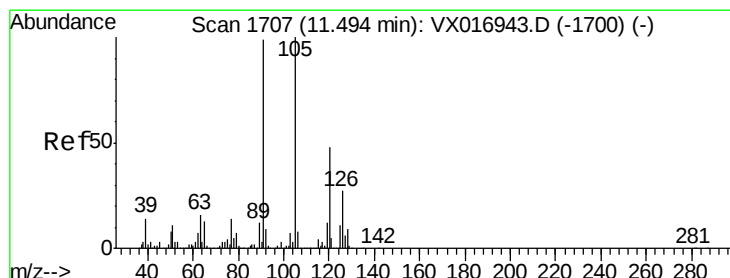
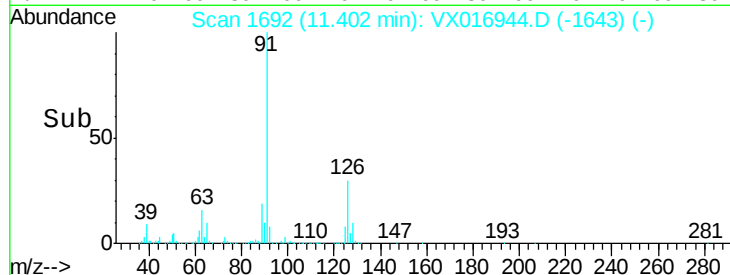
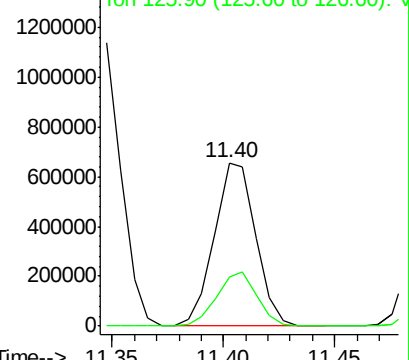
Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX016944.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 114.266 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016944.D

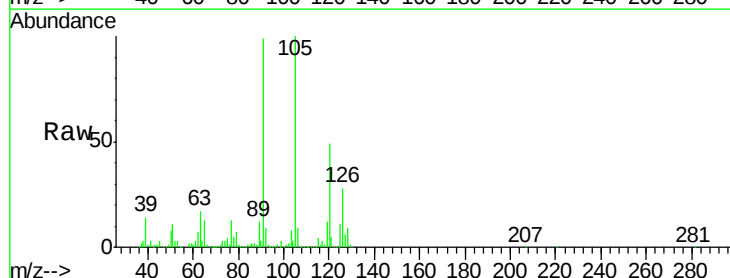
Acq: 24 Jun 2020 12:24

Tgt Ion: 105 Resp: 1035363

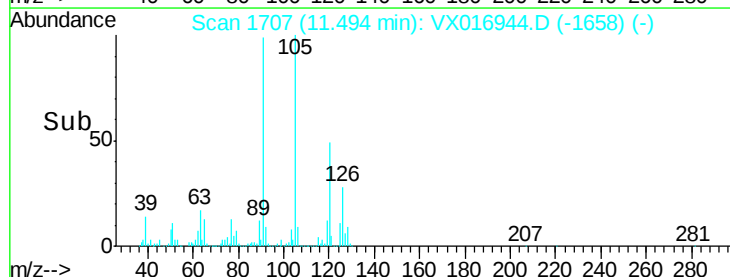
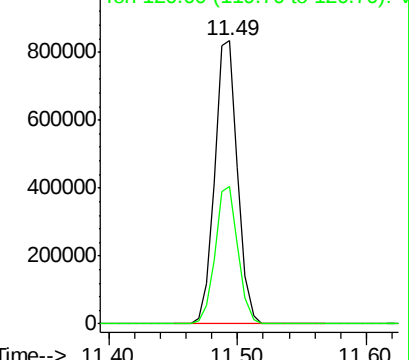
Ion Ratio Lower Upper

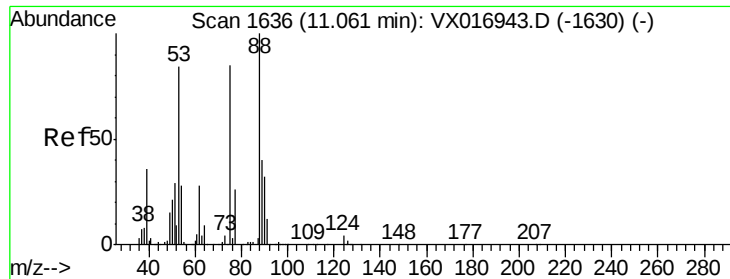
105 100

120 48.4 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): VX016944.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 124.516 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

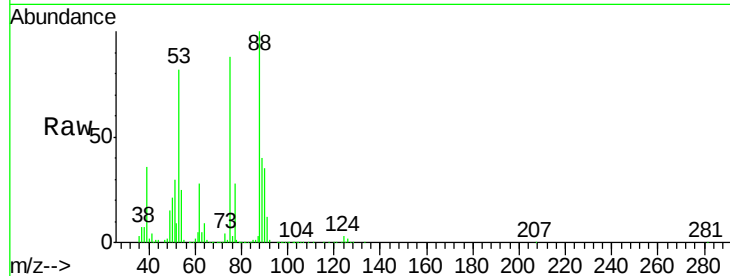
Tot Ion: 75 Resp: 156732

Ion Ratio Lower Upper

75 100

53 96.2 79.8 119.8

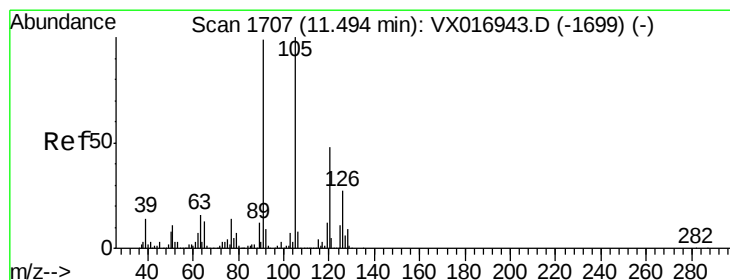
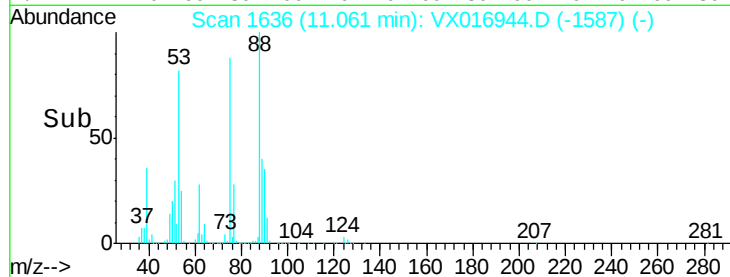
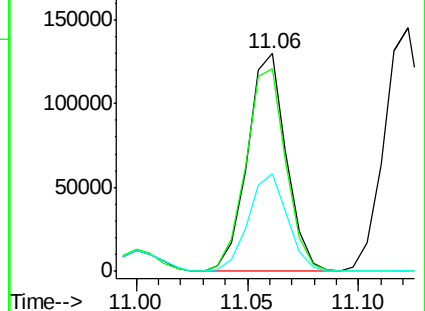
89 45.4 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 116.671 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016944.D

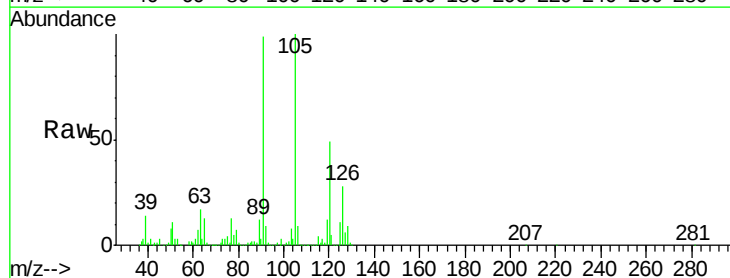
Acq: 24 Jun 2020 12:24

Tgt Ion: 91 Resp: 1013892

Ion Ratio Lower Upper

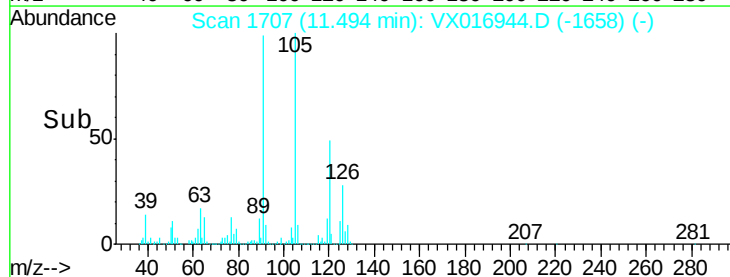
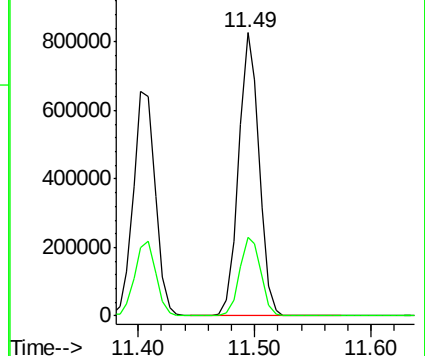
91 100

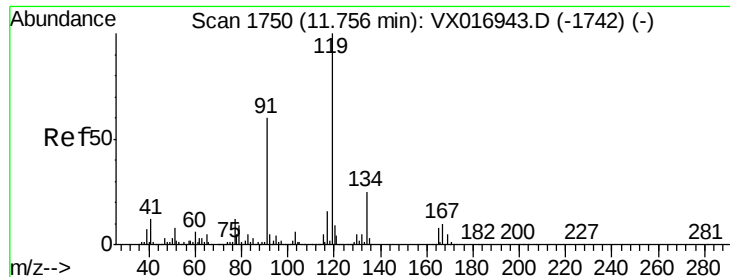
126 28.6 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 112.819 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

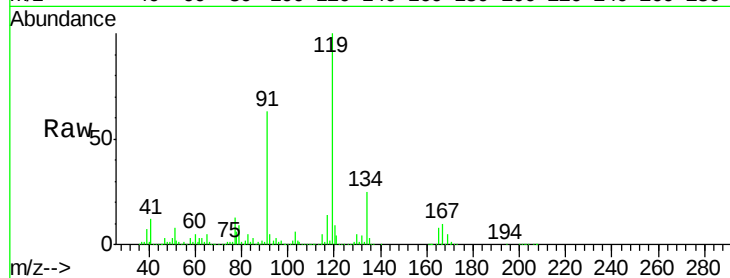
Tot Ion:119 Resp: 1014890

Ion Ratio Lower Upper

119 100

91 60.2 30.0 90.1

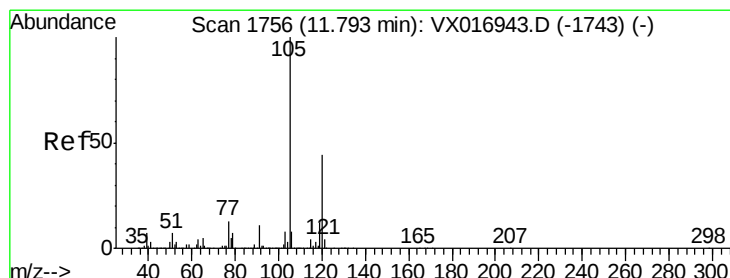
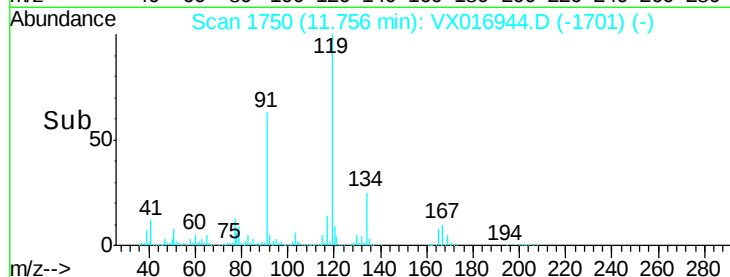
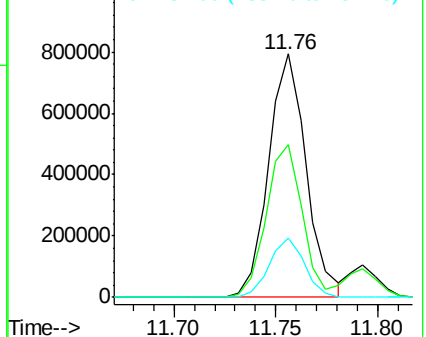
134 23.1 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 109.618 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016944.D

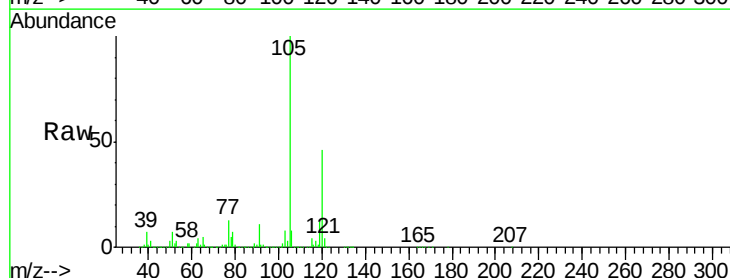
Acq: 24 Jun 2020 12:24

Tgt Ion:105 Resp: 1025217

Ion Ratio Lower Upper

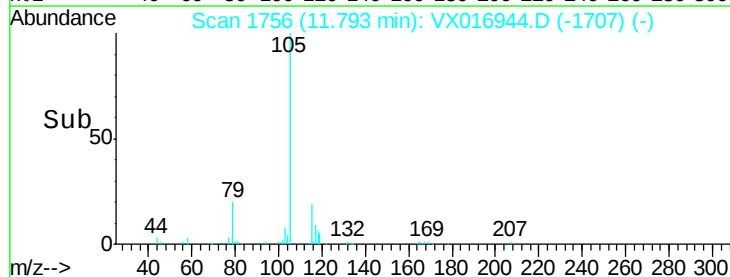
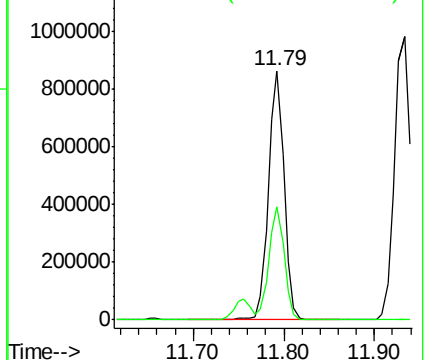
105 100

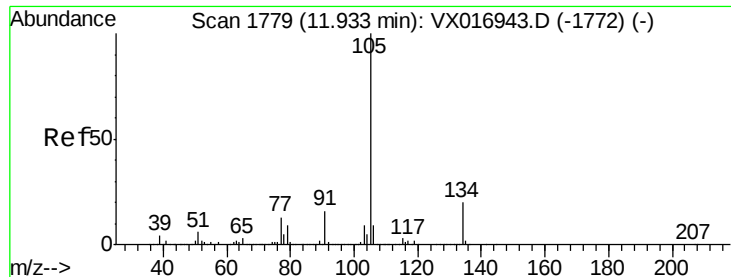
120 44.6 21.8 65.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

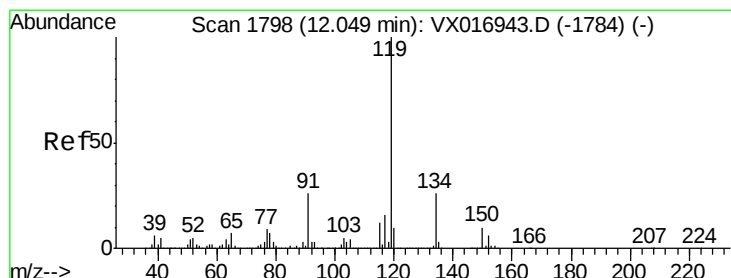
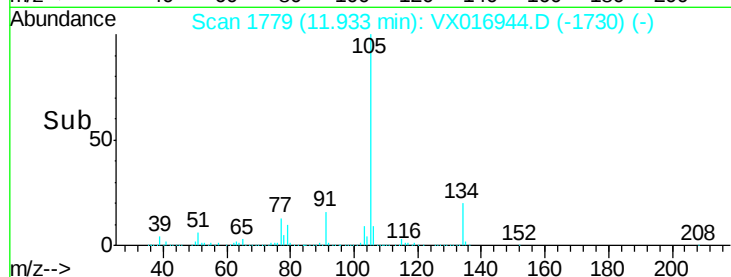
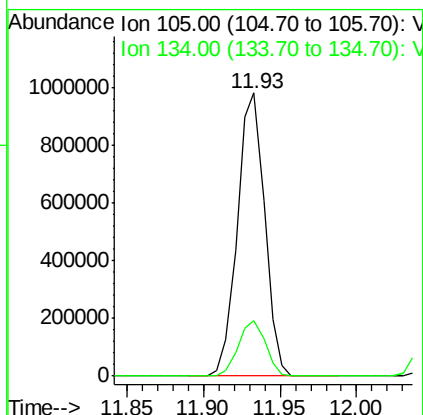
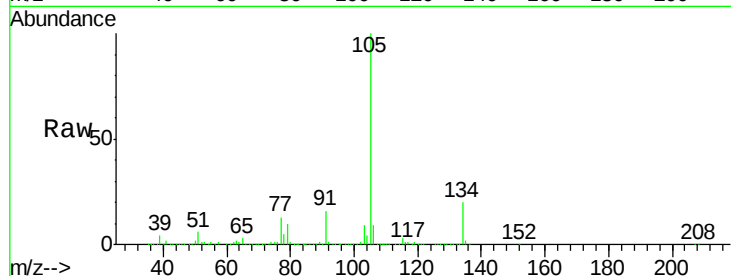




#85
 sec-Butylbenzene
 Concen: 115.567 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

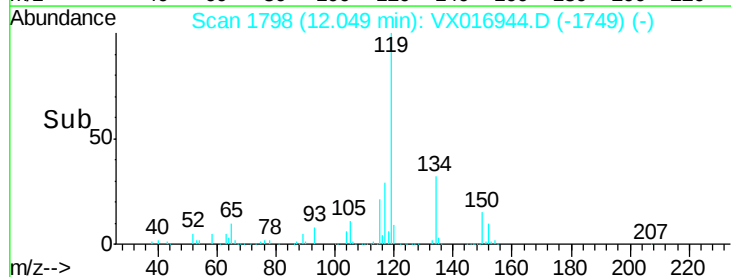
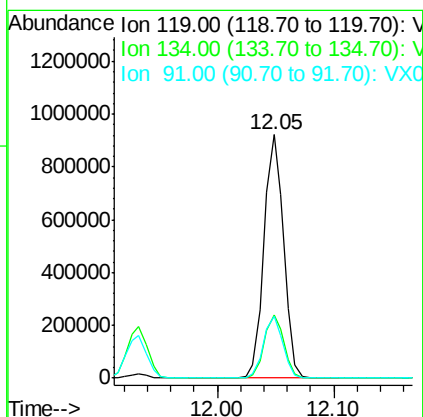
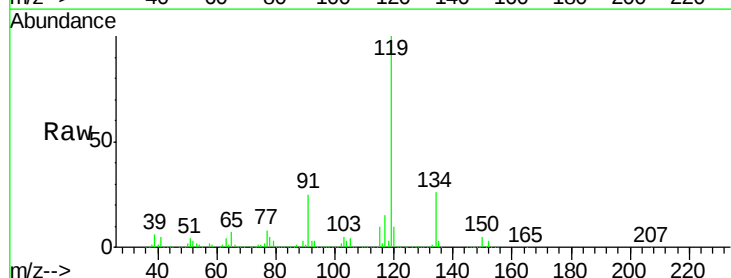
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

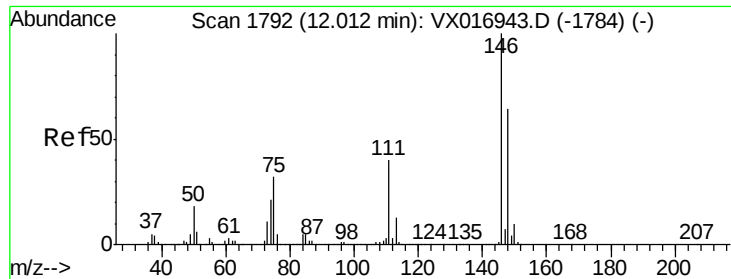
Tot Ion:105 Resp: 1211288
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 114.087 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

Tgt Ion:119 Resp: 1084138
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 25.0 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 104.074 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

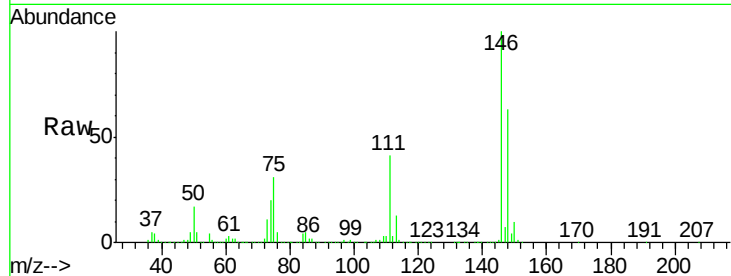
Tot Ion:146 Resp: 534883

Ion Ratio Lower Upper

146 100

111 41.8 21.4 64.3

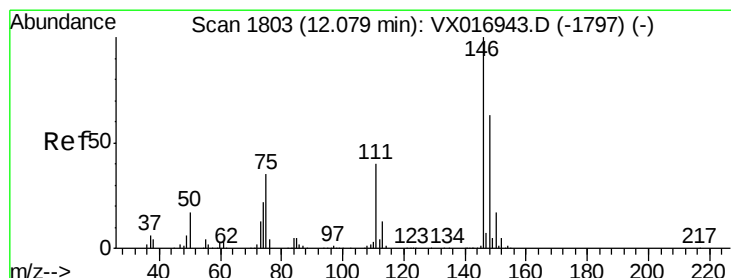
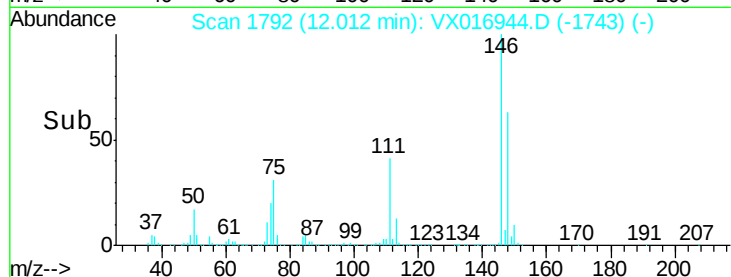
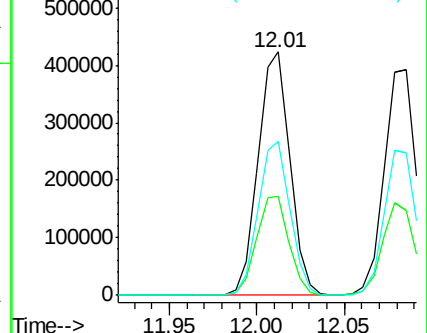
148 63.5 32.4 97.0



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: 95.232 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

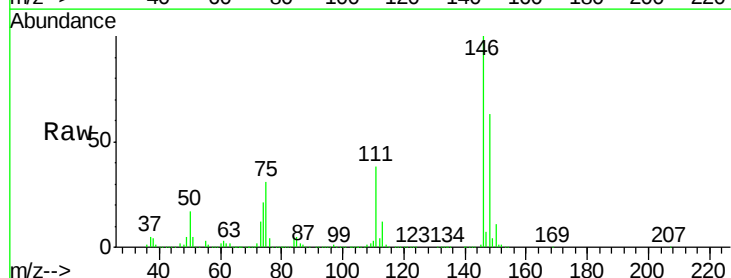
Tgt Ion:146 Resp: 498279

Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

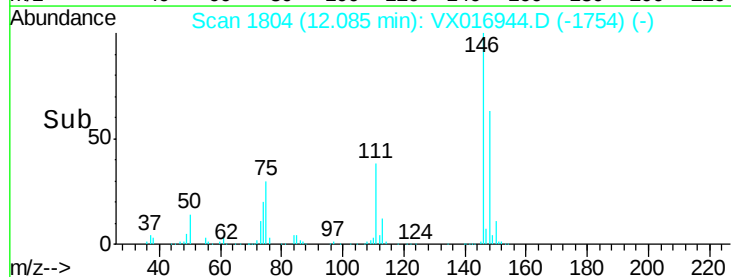
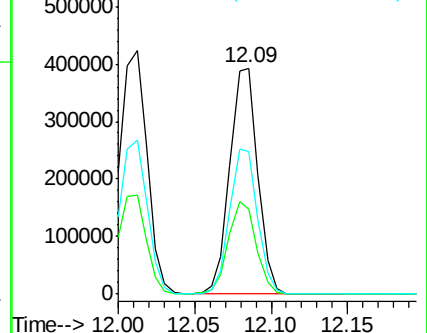
148 63.9 31.4 94.2

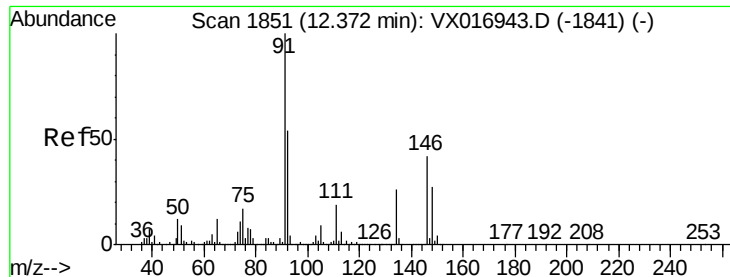


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

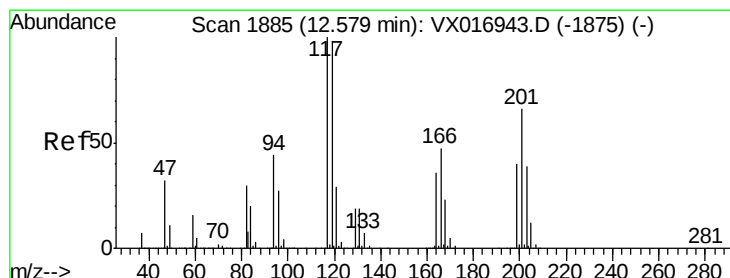
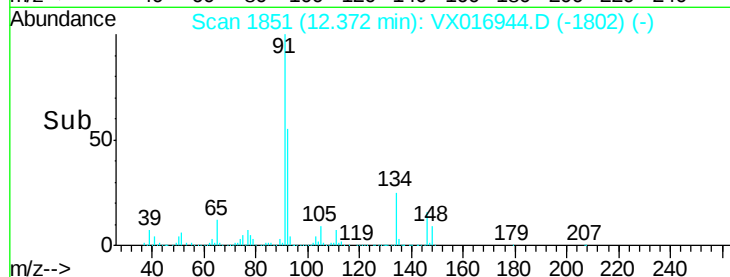
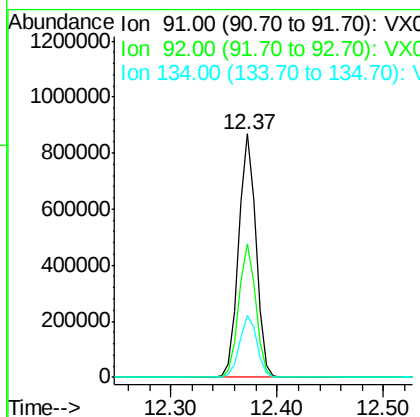
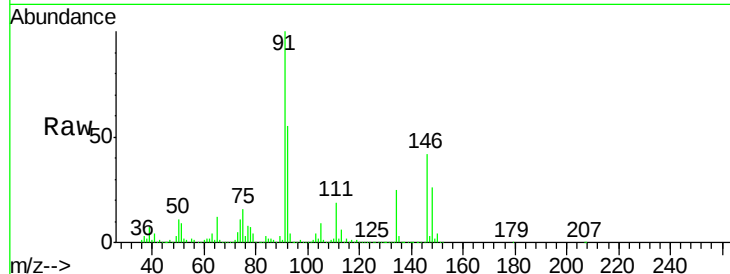




#89
n-Butylbenzene
Concen: 119.541 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

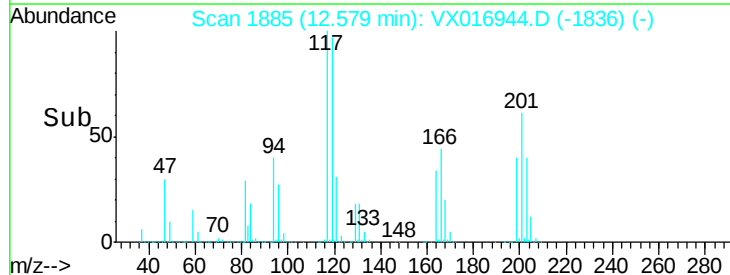
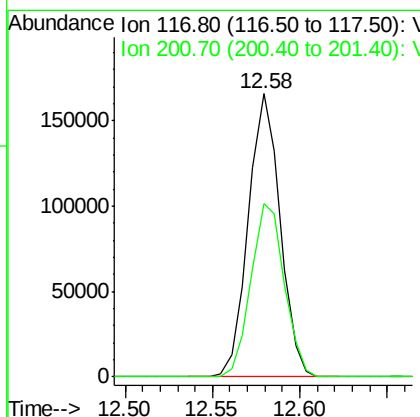
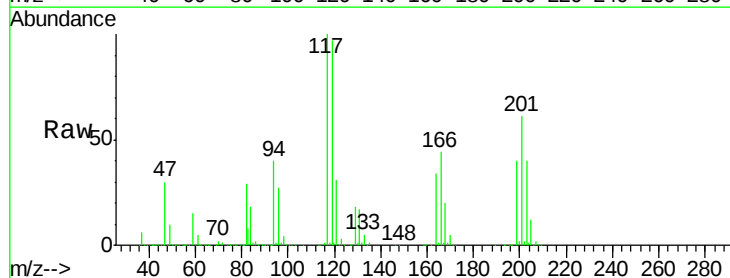
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

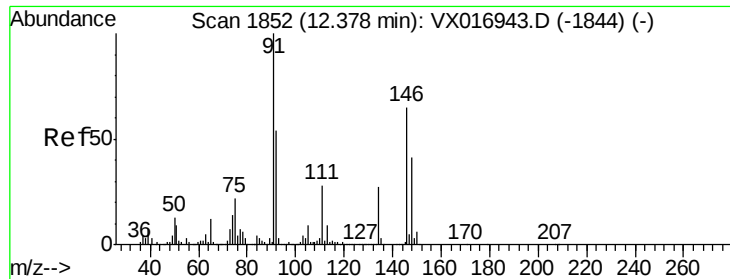
Tot Ion: 91 Resp: 992382
Ion Ratio Lower Upper
91 100
92 53.9 26.9 80.7
134 25.4 12.4 37.4



#90
Hexachloroethane
Concen: 120.765 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016944.D
Acq: 24 Jun 2020 12:24

Tgt Ion: 117 Resp: 209529
Ion Ratio Lower Upper
117 100
201 64.4 31.9 95.9





#91

1,2-Dichlorobenzene

Concen: 99.097 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

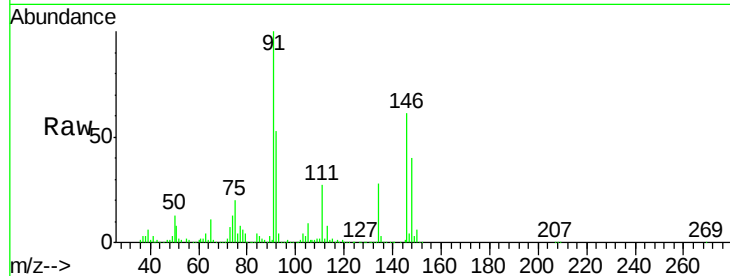
Tot Ion:146 Resp: 496478

Ion Ratio Lower Upper

146 100

111 44.4 21.5 64.5

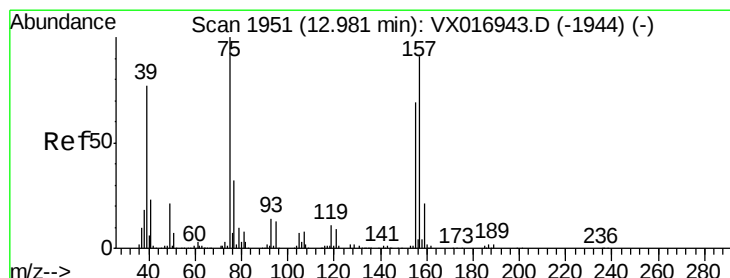
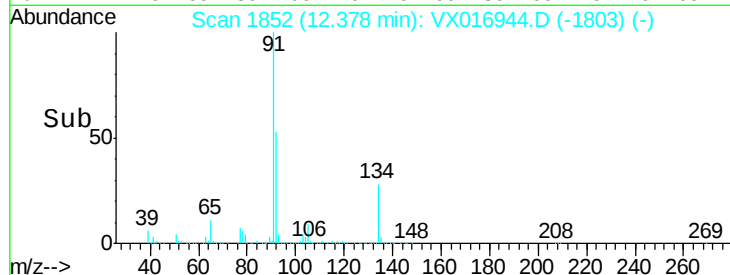
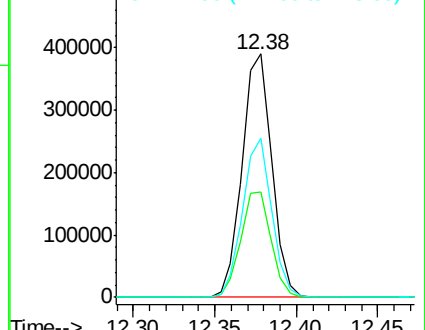
148 64.0 31.4 94.3



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: 131.059 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

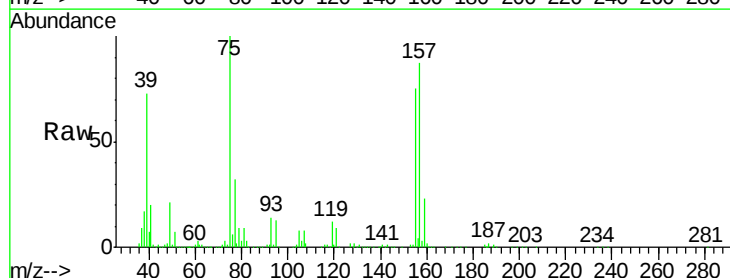
Tgt Ion: 75 Resp: 94381

Ion Ratio Lower Upper

75 100

155 79.9 38.6 115.8

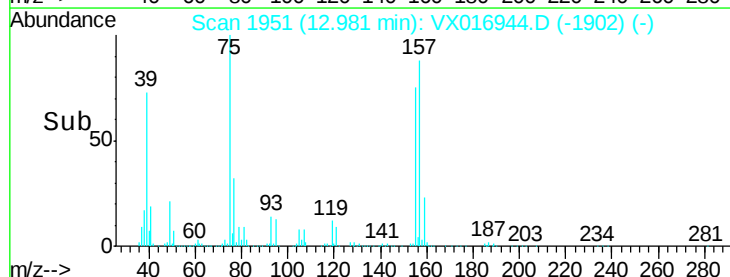
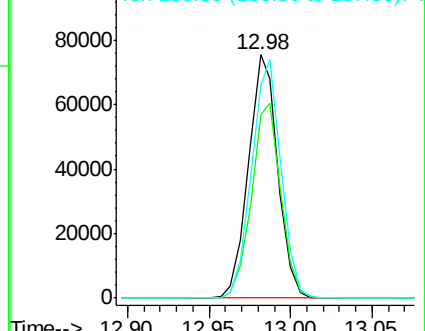
157 98.1 48.6 145.8

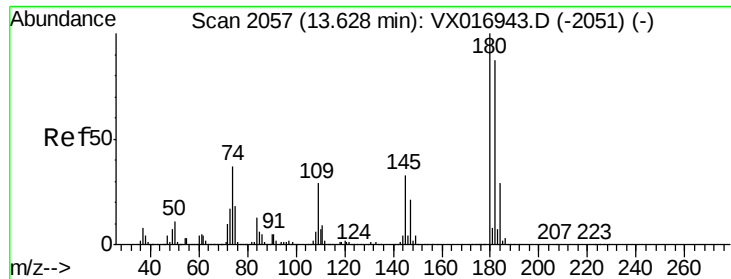


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

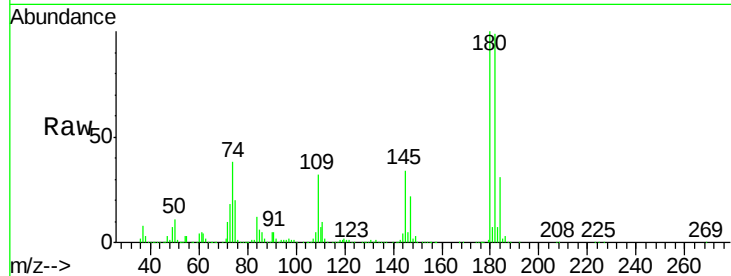




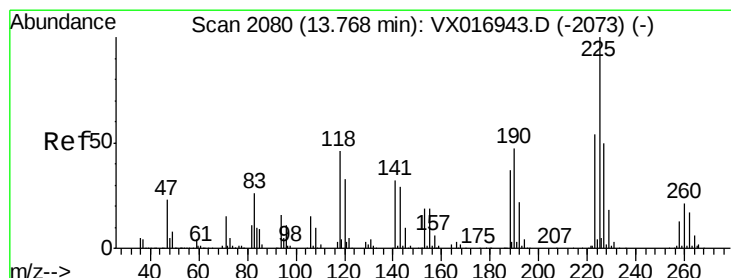
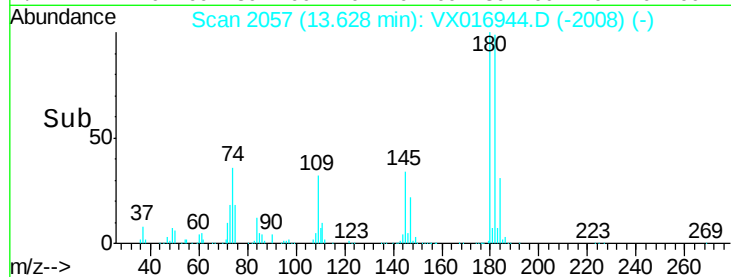
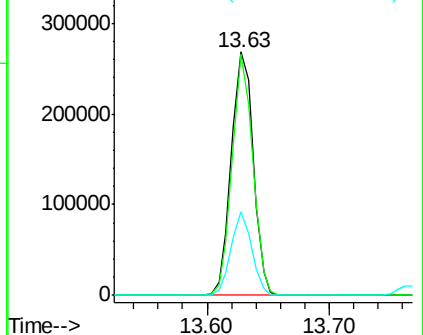
#93
 1,2,4-Trichlorobenzene
 Concen: 101.927 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.0	137.8
145	32.4	16.4	49.1

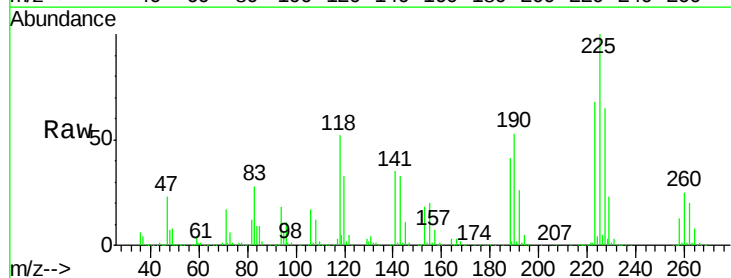


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

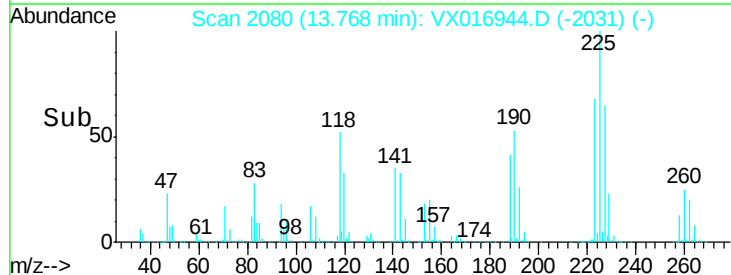
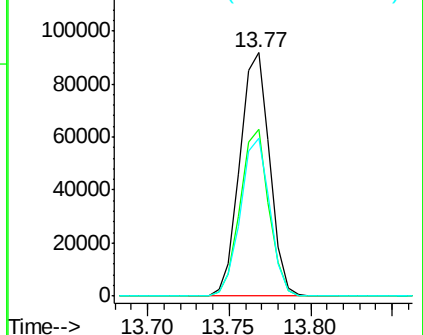


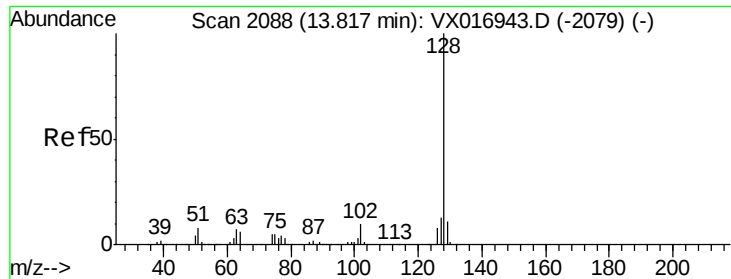
#94
 Hexachlorobutadiene
 Concen: 81.118 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016944.D
 Acq: 24 Jun 2020 12:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	30.4	91.2
227	63.8	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: 118.263 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

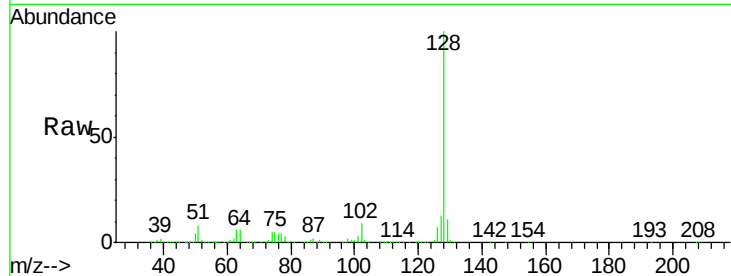
Tot Ion:128 Resp: 1167619

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

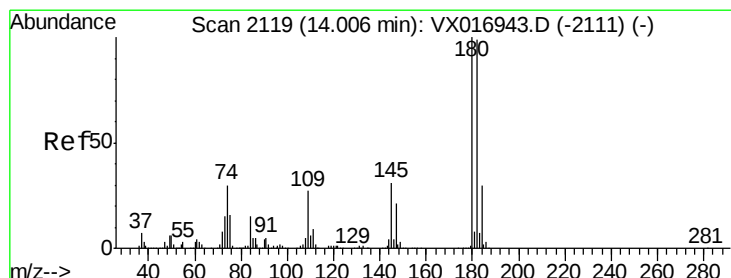
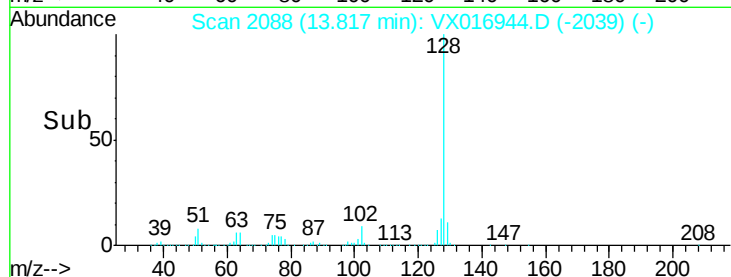
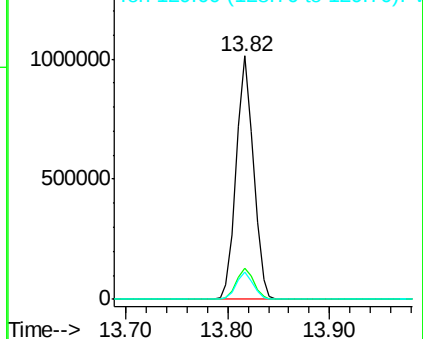
129 11.2 8.7 13.1



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: 100.863 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016944.D

Acq: 24 Jun 2020 12:24

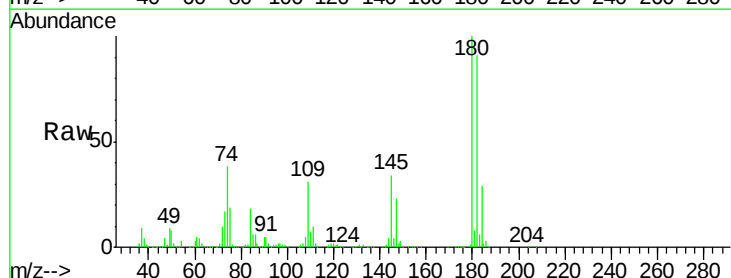
Tgt Ion:180 Resp: 323068

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 34.5 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

