

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060220\
 Data File : VX016545.D
 Acq On : 02 Jun 2020 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 03 04:04:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	356713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	553817	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504770	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	243002	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	208821	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	5.46	113	169676	49.76	ug/l	0.00
Spiked Amount			Recovery	=	99.52%	
50) Toluene-d8	8.70	98	660037	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	248797	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	172432	49.120	ug/l	96
3) Chloromethane	1.31	50	197530	46.563	ug/l	100
4) Vinyl Chloride	1.39	62	221330	49.335	ug/l	98
5) Bromomethane	1.62	94	94005	43.095	ug/l	98
6) Chloroethane	1.70	64	133894	51.163	ug/l	98
7) Trichlorofluoromethane	1.91	101	287020	48.715	ug/l	99
8) Diethyl Ether	2.17	74	120859	49.195	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	165646	51.084	ug/l	99
10) Methyl Iodide	2.49	142	154296	40.449	ug/l	97
11) Tert butyl alcohol	3.01	59	247557	217.926	ug/l	100
12) 1,1-Dichloroethene	2.36	96	169100	49.267	ug/l	98
13) Acrolein	2.27	56	144581	299.199	ug/l	98
14) Allyl chloride	2.70	41	317896	50.362	ug/l	98
15) Acrylonitrile	3.11	53	568610	244.358	ug/l	99
16) Acetone	2.42	43	488305	251.594	ug/l	99
17) Carbon Disulfide	2.55	76	492928	48.360	ug/l	100
18) Methyl Acetate	2.75	43	248512	49.923	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	609403	49.444	ug/l	99
20) Methylene Chloride	2.83	84	193761	48.253	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	185618	48.891	ug/l	95
22) Diisopropyl ether	3.82	45	596419	49.185	ug/l	92
23) Vinyl Acetate	3.78	43	2645518	249.247	ug/l	99
24) 1,1-Dichloroethane	3.67	63	337542	49.318	ug/l	100
25) 2-Butanone	4.63	43	774903	235.627	ug/l	99
26) 2,2-Dichloropropane	4.55	77	300507	53.658	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	208727	47.523	ug/l	97
28) Bromochloromethane	4.98	49	151555	47.651	ug/l	98
29) Tetrahydrofuran	5.09	42	507753	238.982	ug/l	99
30) Chloroform	5.17	83	329874	47.834	ug/l	99
31) Cyclohexane	5.54	56	293706	47.701	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	297748	47.690	ug/l	99
36) 1,1-Dichloropropene	5.76	75	254685	48.571	ug/l	98
37) Ethyl Acetate	4.79	43	294763	46.822	ug/l	99
38) Carbon Tetrachloride	5.75	117	262973	47.722	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	290643	51.031	ug/l	98
40) Benzene	6.11	78	767899	49.177	ug/l	98
41) Methacrylonitrile	5.00	41	160638	46.455	ug/l	99
42) 1,2-Dichloroethane	6.16	62	259158	46.669	ug/l	99
43) Isopropyl Acetate	6.41	43	470630	47.927	ug/l	99
44) Trichloroethene	7.18	130	236451	47.726	ug/l	97
45) 1,2-Dichloropropane	7.49	63	197789	49.755	ug/l	99
46) Dibromomethane	7.63	93	130119	48.732	ug/l	100
47) Bromodichloromethane	7.87	83	269171	48.687	ug/l	97
48) Methyl methacrylate	7.74	41	227387	48.363	ug/l	97
49) 1,4-Dioxane	7.71	88	93081	845.955	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1476104	241.417	ug/l	99
52) Toluene	8.76	92	486096	49.366	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	319389	50.805	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	335942	50.486	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	191635	48.948	ug/l	99
56) Ethyl methacrylate	9.16	69	322623	50.598	ug/l	99
57) 1,3-Dichloropropane	9.35	76	331059	49.264	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	833704	250.501	ug/l	99
59) 2-Hexanone	9.47	43	1139365	239.622	ug/l	99
60) Dibromochloromethane	9.57	129	214789	48.750	ug/l	99
61) 1,2-Dibromoethane	9.65	107	205993	49.134	ug/l	100
64) Tetrachloroethene	9.32	164	261411	46.290	ug/l	98
65) Chlorobenzene	10.12	112	514690	50.014	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	194724	49.570	ug/l	100
67) Ethyl Benzene	10.23	91	920239	50.226	ug/l	98
68) m/p-Xylenes	10.34	106	693583	102.098	ug/l	99
69) o-Xylene	10.68	106	334262	50.807	ug/l	96
70) Styrene	10.70	104	578758	51.179	ug/l	99
71) Bromoform	10.84	173	164592	49.577	ug/l #	100
73) Isopropylbenzene	11.00	105	875548	52.001	ug/l	100
74) N-amyl acetate	10.88	43	401581	51.853	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	227270	53.859	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	359032	67.218	ug/l	84
77) Bromobenzene	11.24	156	223713	50.659	ug/l	98
78) n-propylbenzene	11.34	91	985373	52.384	ug/l	100
79) 2-Chlorotoluene	11.40	91	589110	51.307	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	725484	51.604	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	112383	51.756	ug/l	96
82) 4-Chlorotoluene	11.49	91	698264	51.498	ug/l	100
83) tert-Butylbenzene	11.76	119	629164	52.375	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	734785	51.680	ug/l	100
85) sec-Butylbenzene	11.93	105	790048	52.427	ug/l	100
86) p-Isopropyltoluene	12.05	119	749134	53.070	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	391273	51.142	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	397700	50.826	ug/l	99
89) n-Butylbenzene	12.37	91	642085	54.610	ug/l	99
90) Hexachloroethane	12.58	117	125697	51.552	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	380089	51.278	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	64199	46.970	ug/l	98

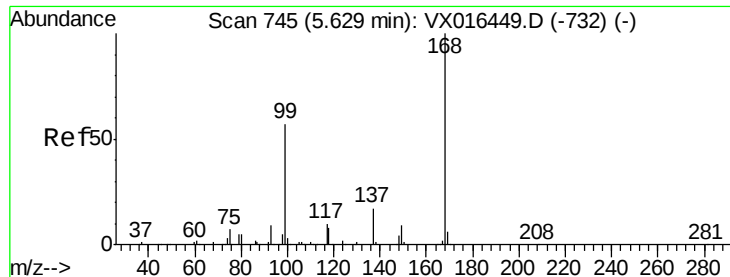
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	259635	52.741	ug/l	100
94) Hexachlorobutadiene	13.77	225	98280	50.848	ug/l	99
95) Naphthalene	13.82	128	821572	48.682	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	251329	52.112	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

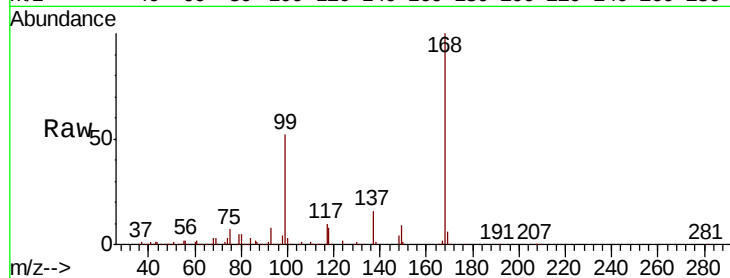
VSTDCCC050

Tot Ion:168 Resp: 356713

Ion Ratio Lower Upper

168 100

99 52.4 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

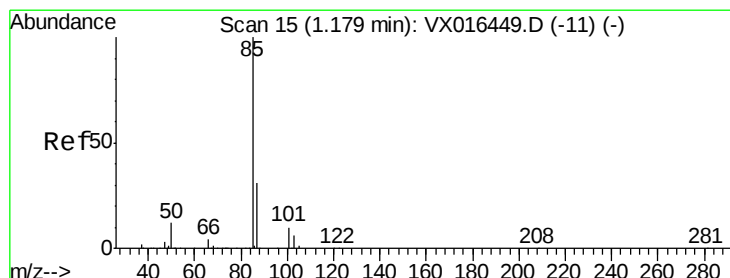
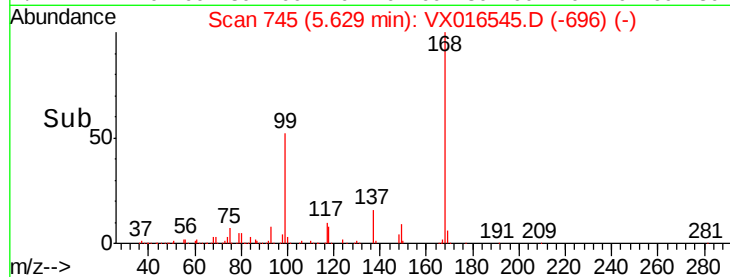
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.120 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016545.D

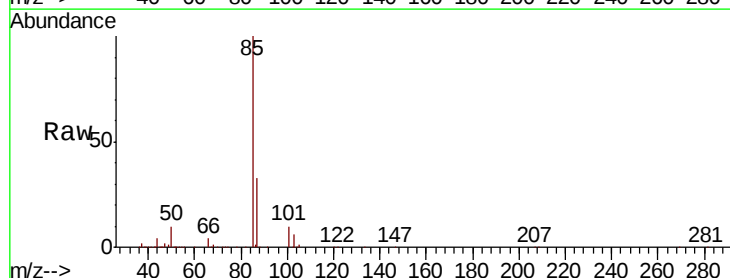
Acq: 02 Jun 2020 10:19

Tgt Ion: 85 Resp: 172432

Ion Ratio Lower Upper

85 100

87 33.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

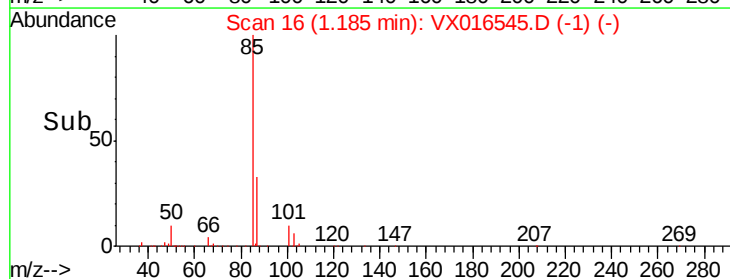
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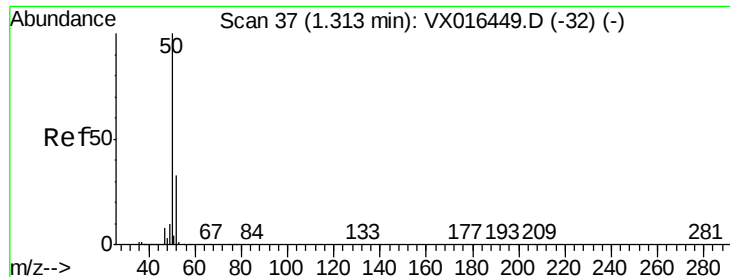
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.563 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

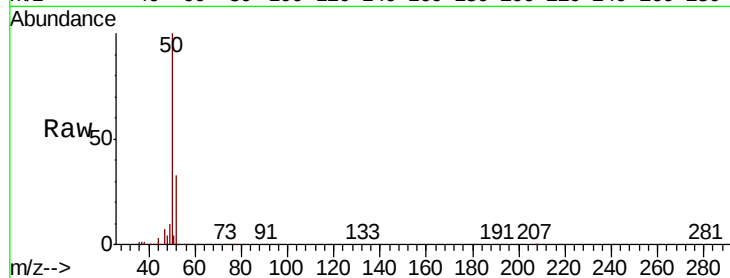
VSTDCCC050

Tot Ion: 50 Resp: 197530

Ion Ratio Lower Upper

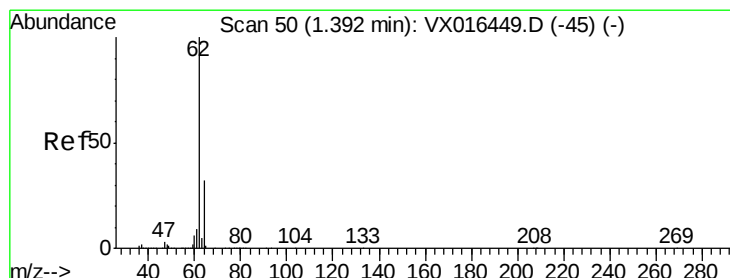
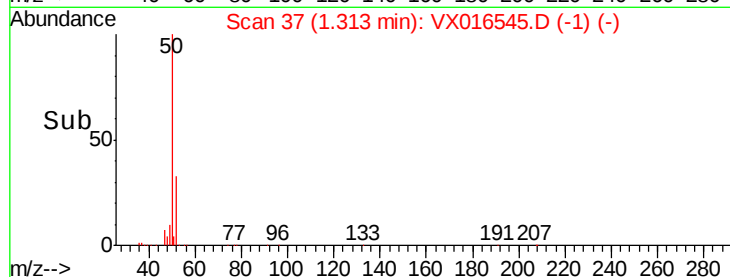
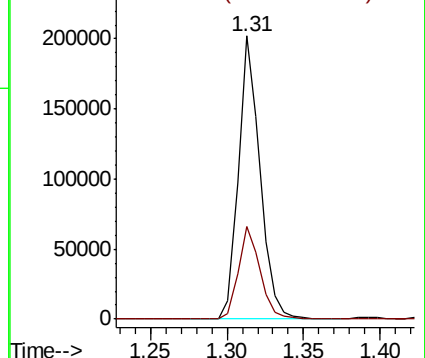
50 100

52 32.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.335 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016545.D

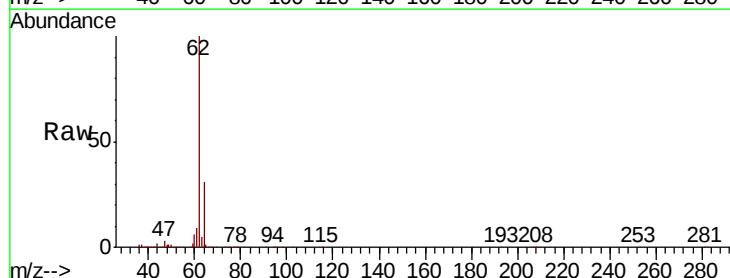
Acq: 02 Jun 2020 10:19

Tgt Ion: 62 Resp: 221330

Ion Ratio Lower Upper

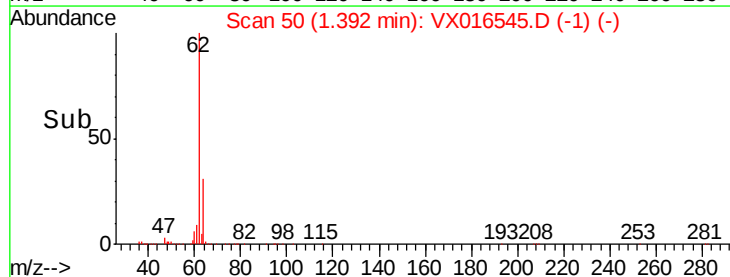
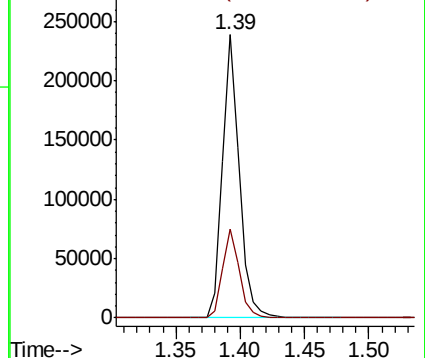
62 100

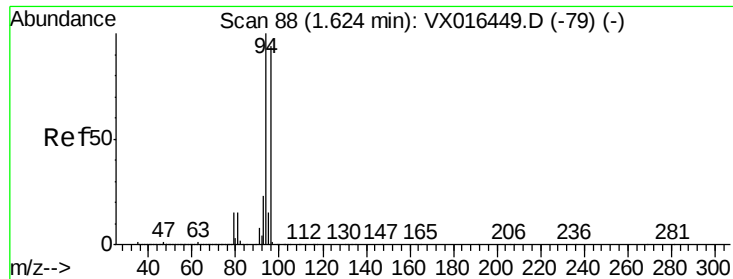
64 31.2 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 43.095 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

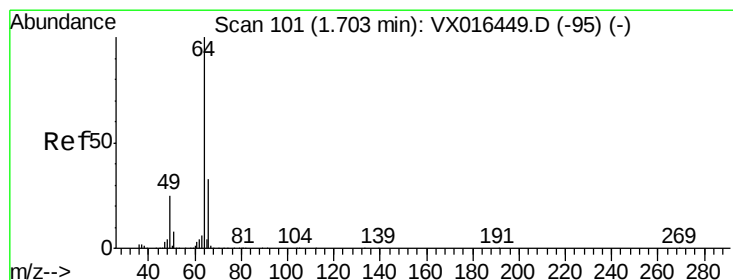
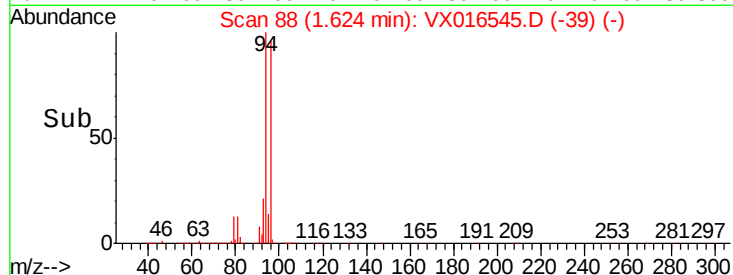
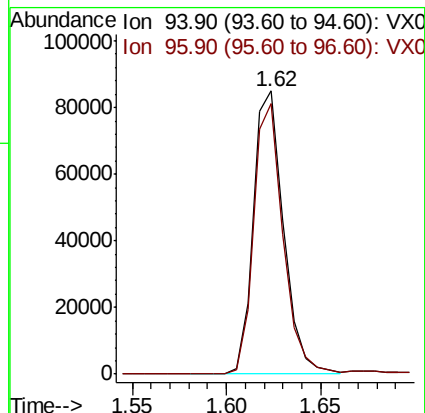
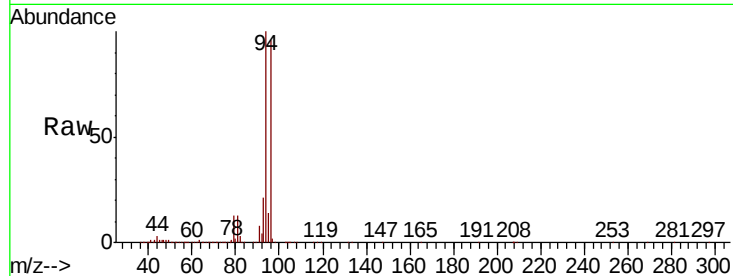
VSTDCCC050

Tot Ion: 94 Resp: 94005

Ion Ratio Lower Upper

94 100

96 95.7 75.1 112.7



#6

Chloroethane

Concen: 51.163 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016545.D

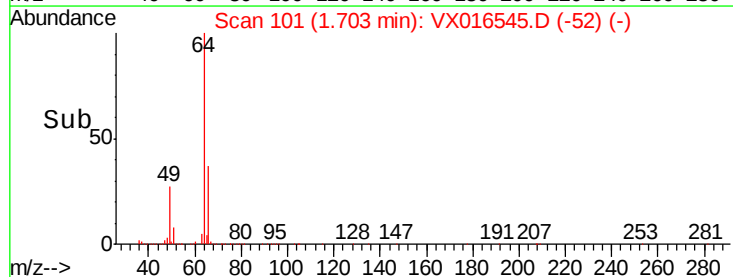
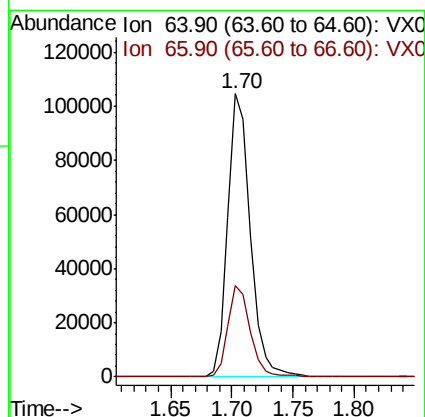
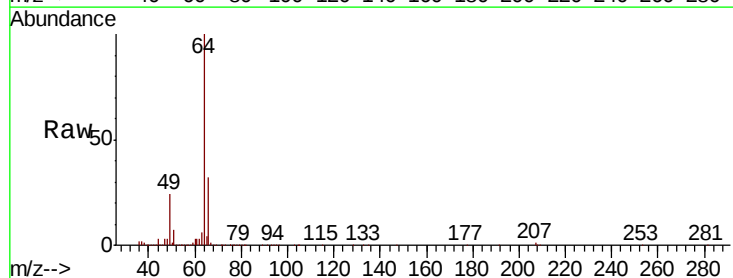
Acq: 02 Jun 2020 10:19

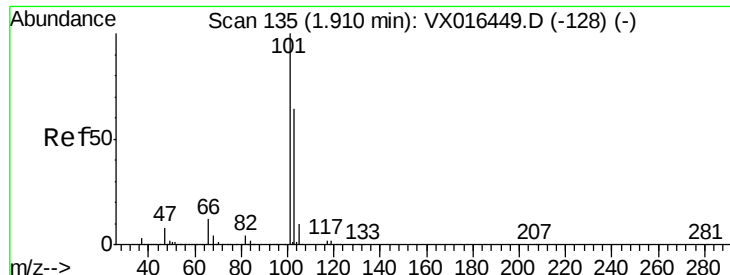
Tgt Ion: 64 Resp: 133894

Ion Ratio Lower Upper

64 100

66 32.2 26.7 40.1



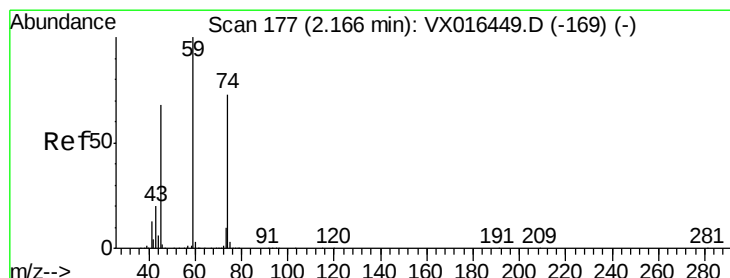
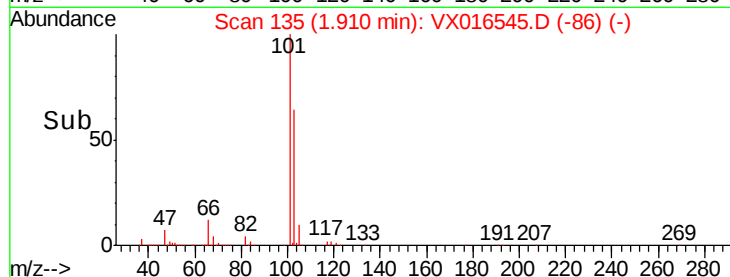
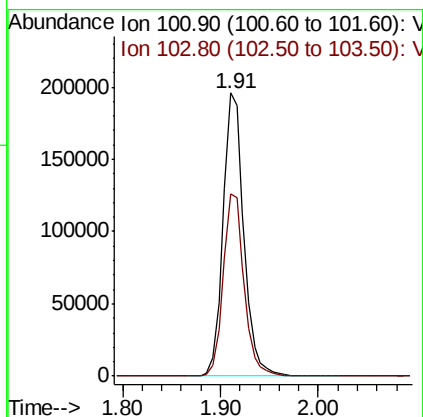
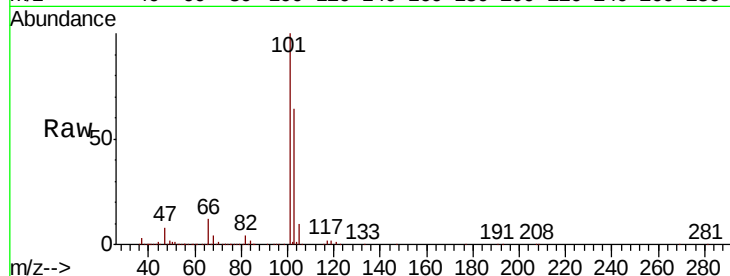


#7

Trichlorofluoromethane
Concen: 48.715 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

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VSTDCCC050

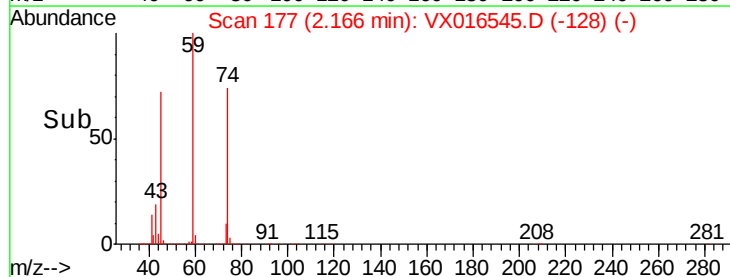
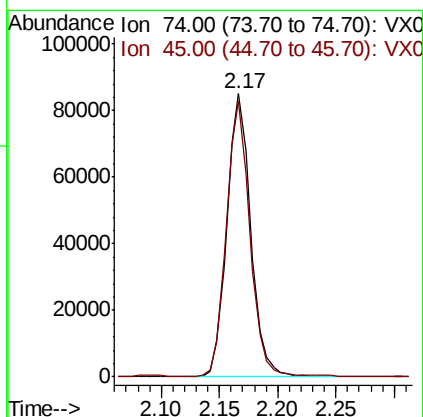
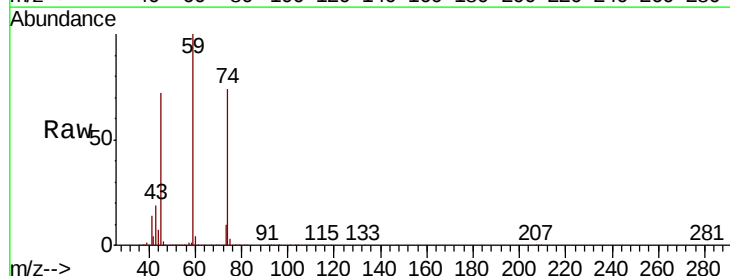
Tot Ion:101 Resp: 287020
Ion Ratio Lower Upper
101 100
103 64.2 50.9 76.3

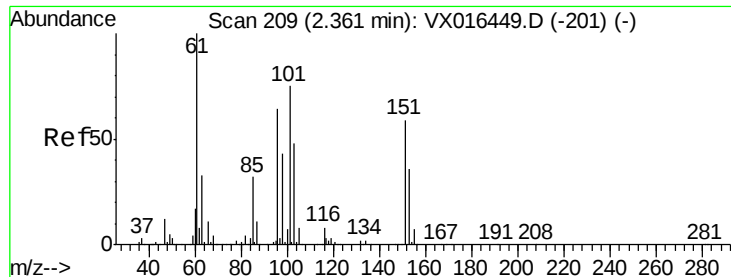


#8

Diethyl Ether
Concen: 49.195 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 74 Resp: 120859
Ion Ratio Lower Upper
74 100
45 95.5 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.084 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

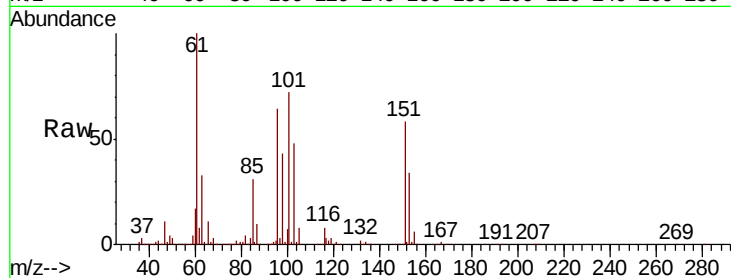
Tot Ion:101 Resp: 165646

Ion Ratio Lower Upper

101 100

85 42.3 34.4 51.6

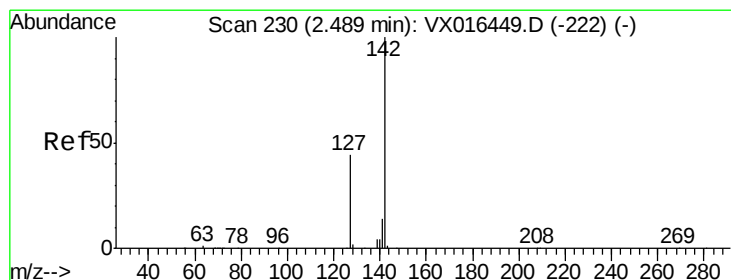
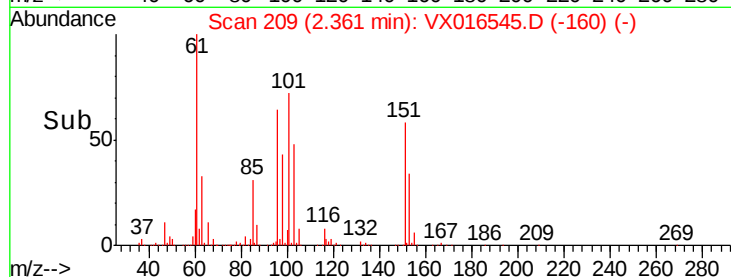
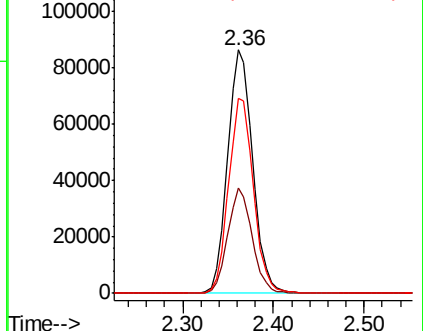
151 79.3 63.8 95.6



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: 40.449 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

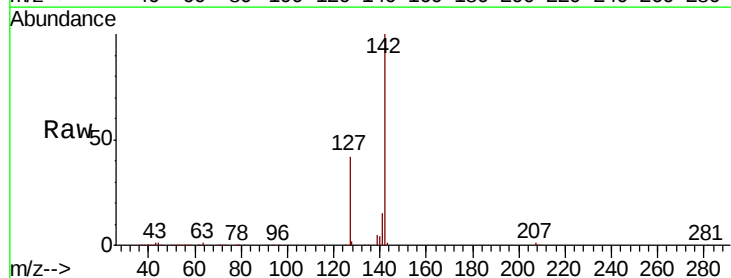
Tgt Ion:142 Resp: 154296

Ion Ratio Lower Upper

142 100

127 42.0 35.3 52.9

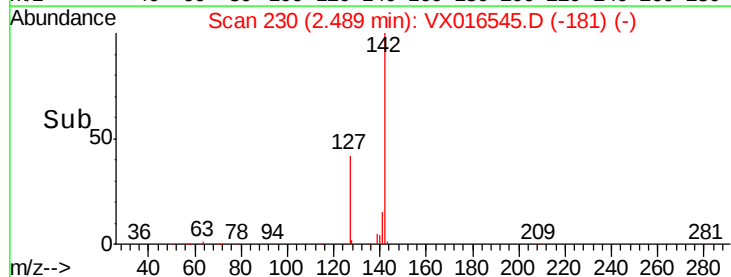
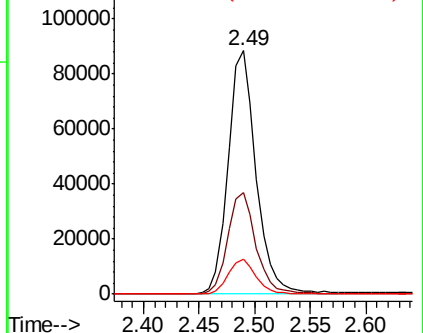
141 14.5 11.4 17.2

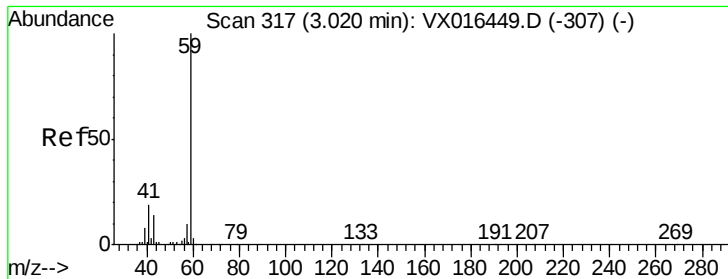


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



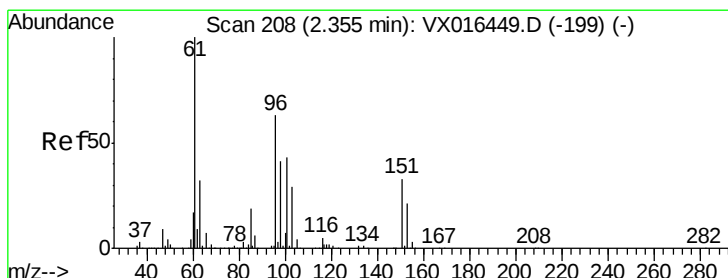
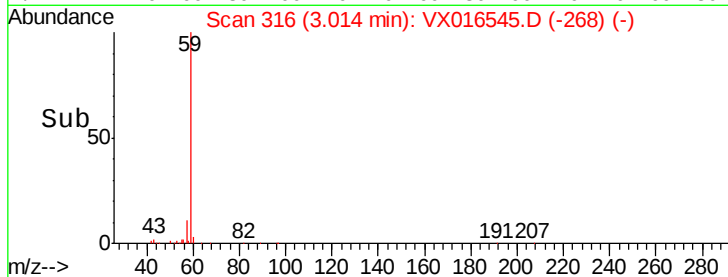
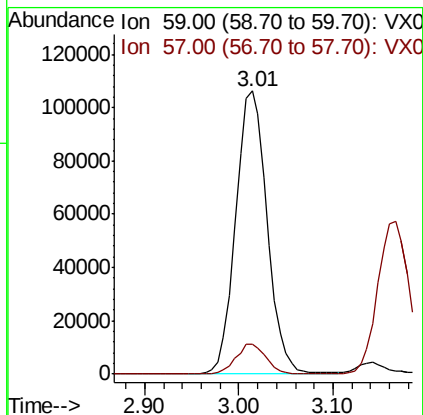
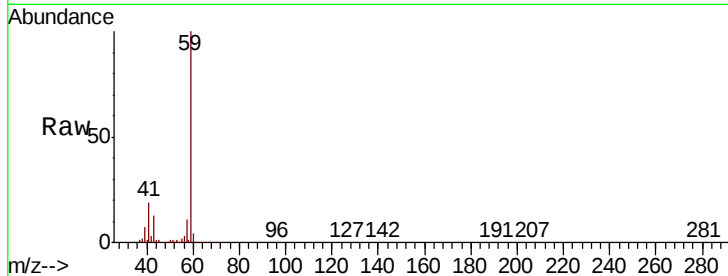


#11

Tert butyl alcohol
 Concen: 217.926 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

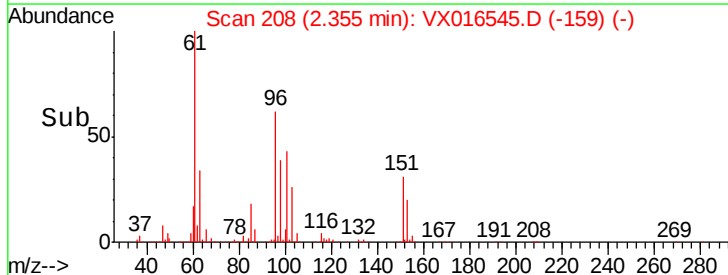
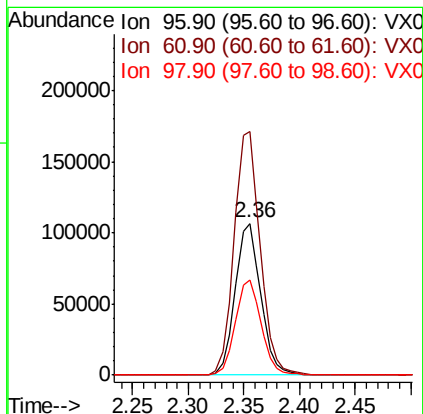
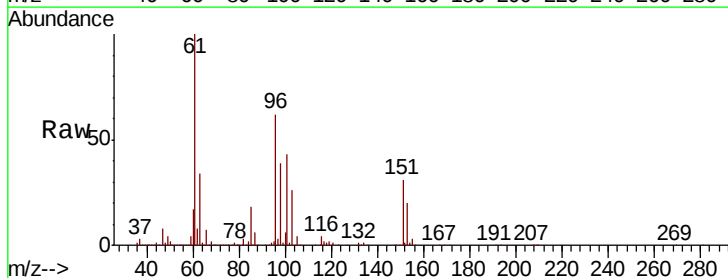
Tot Ion: 59 Resp: 247557
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

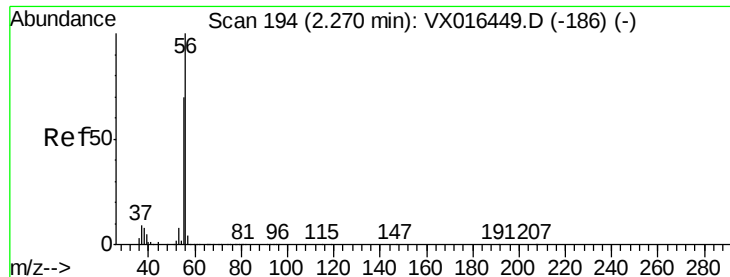


#12

1,1-Dichloroethene
 Concen: 49.267 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion: 96 Resp: 169100
 Ion Ratio Lower Upper
 96 100
 61 160.4 126.6 189.8
 98 62.8 51.3 76.9





#13

Acrolein

Concen: 299.199 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

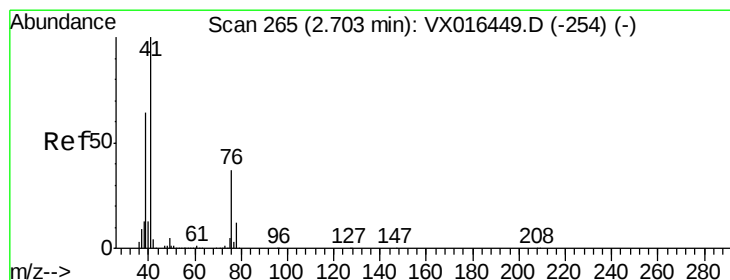
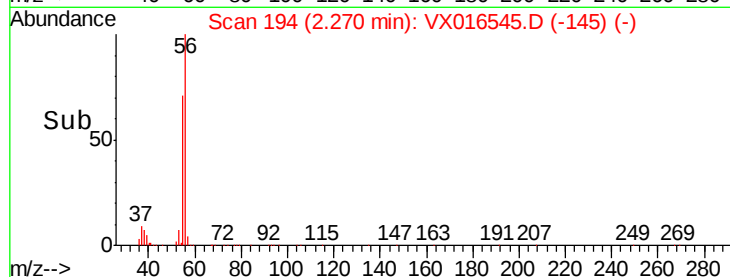
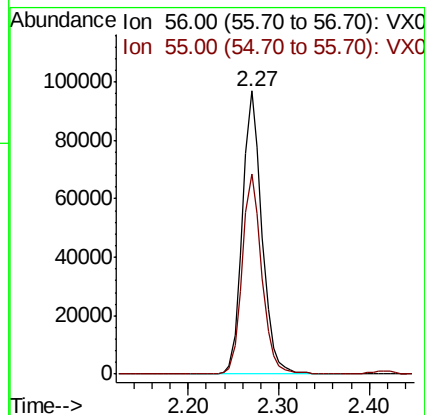
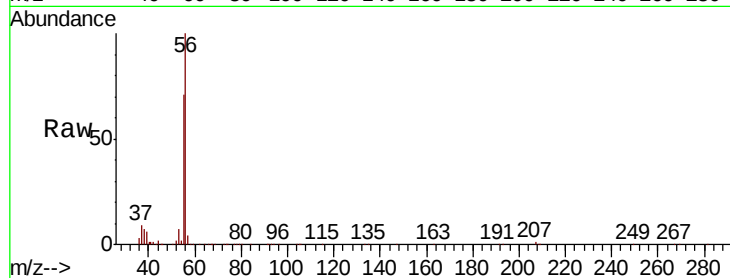
VSTDCCC050

Tot Ion: 56 Resp: 144581

Ion Ratio Lower Upper

56 100

55 71.0 58.3 87.5



#14

Allyl chloride

Concen: 50.362 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

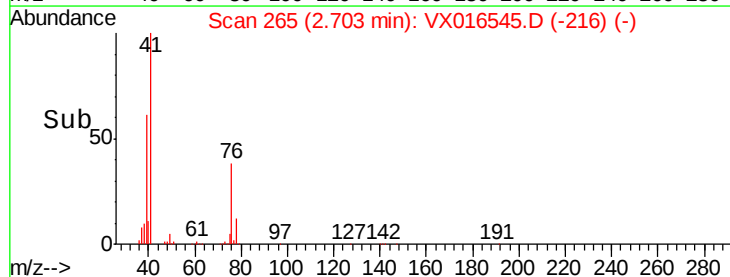
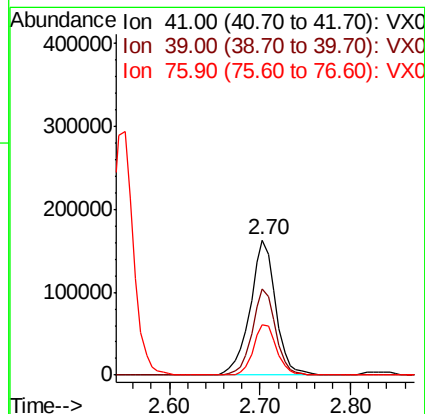
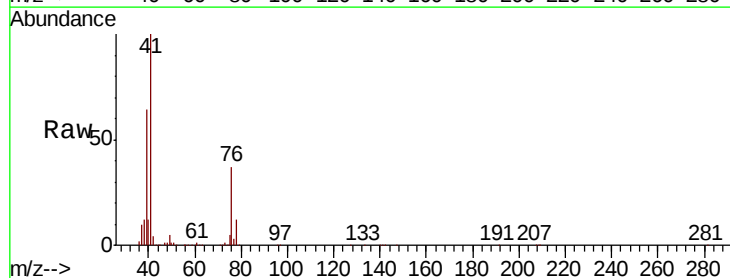
Tgt Ion: 41 Resp: 317896

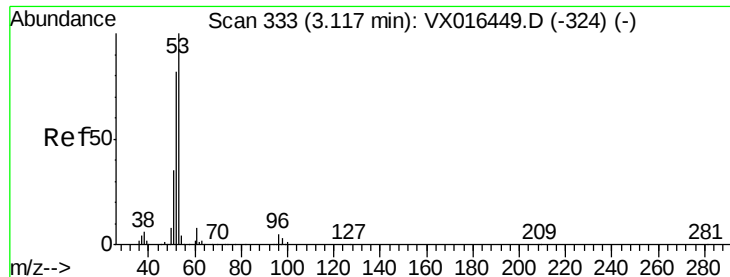
Ion Ratio Lower Upper

41 100

39 58.1 47.7 71.5

76 34.1 26.6 40.0





#15

Acrylonitrile

Concen: 244.358 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

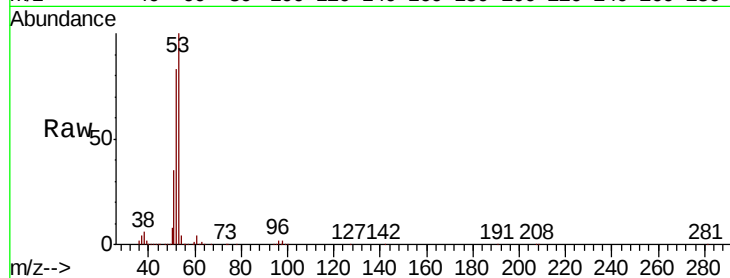
Tot Ion: 53 Resp: 568610

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

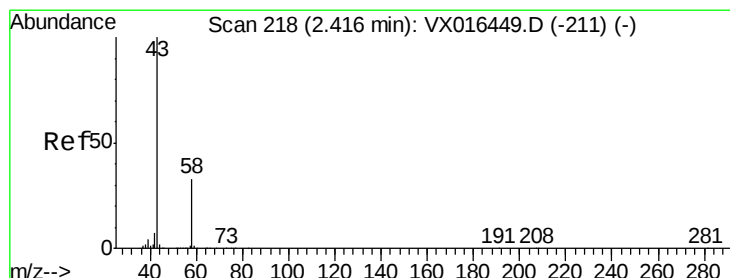
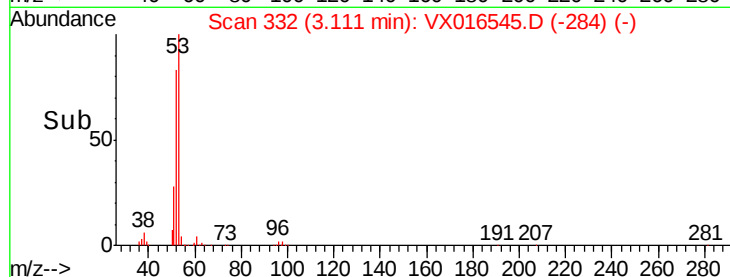
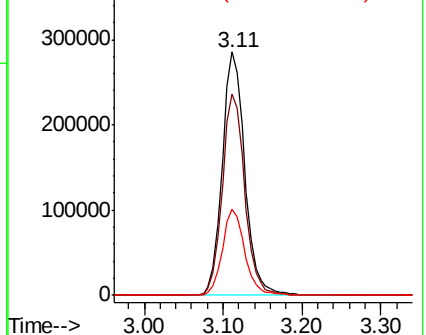
51 35.3 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 251.594 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016545.D

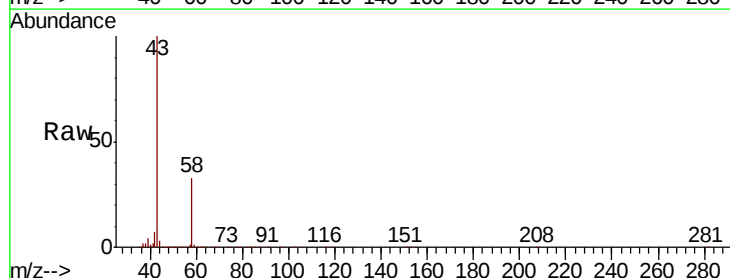
Acq: 02 Jun 2020 10:19

Tgt Ion: 43 Resp: 488305

Ion Ratio Lower Upper

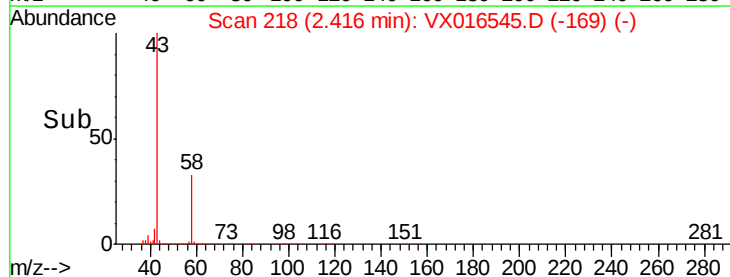
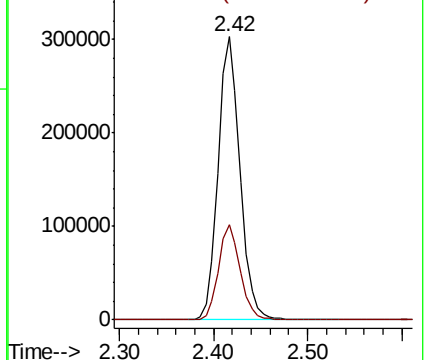
43 100

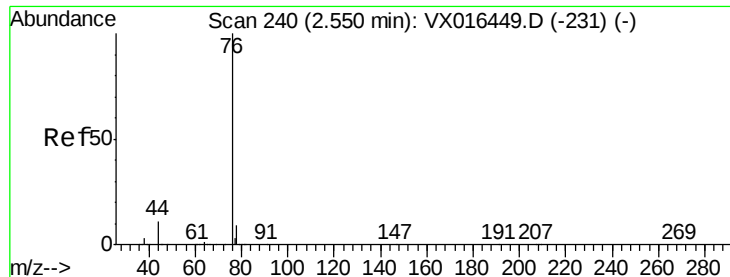
58 33.4 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

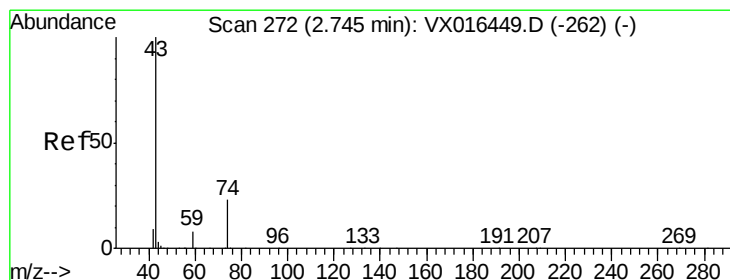
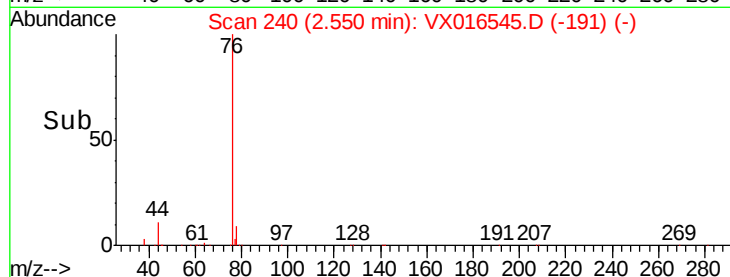
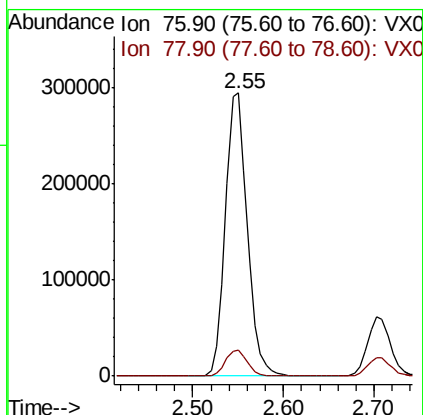
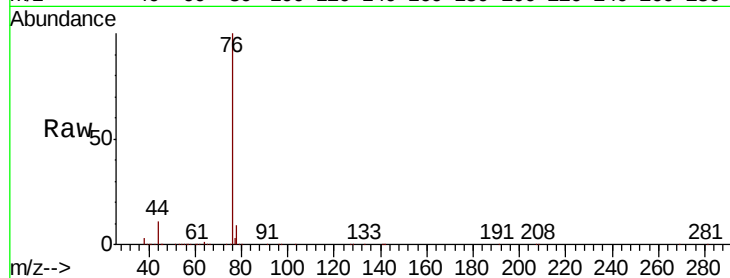




#17
Carbon Disulfide
Concen: 48.360 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

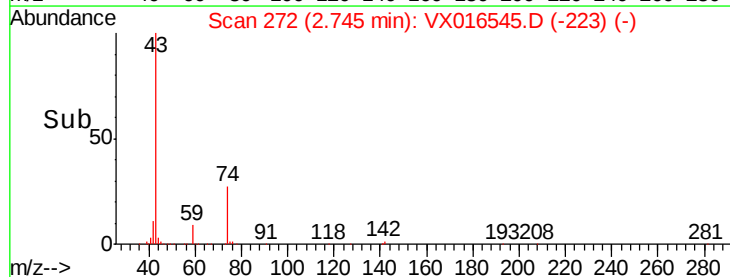
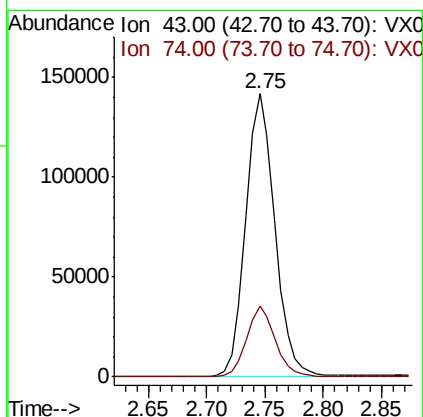
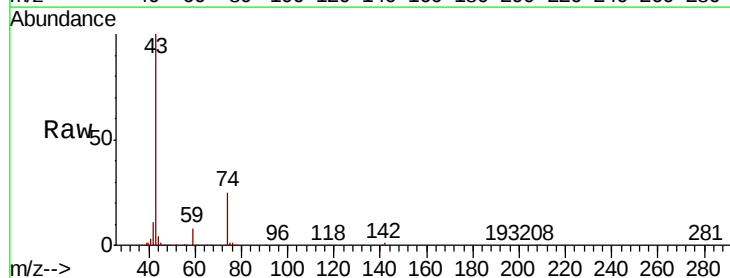
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

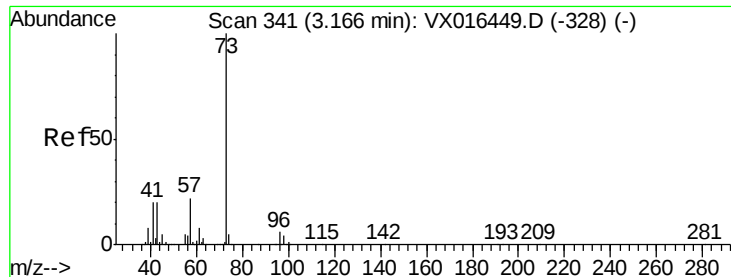
Tot Ion: 76 Resp: 492928
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 49.923 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 43 Resp: 248512
Ion Ratio Lower Upper
43 100
74 25.0 19.7 29.5

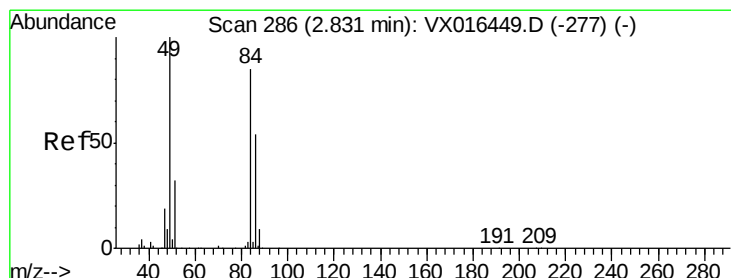
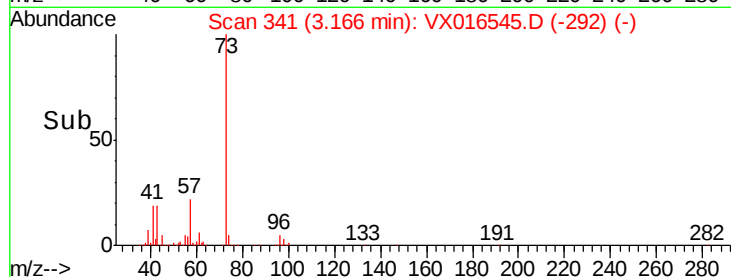
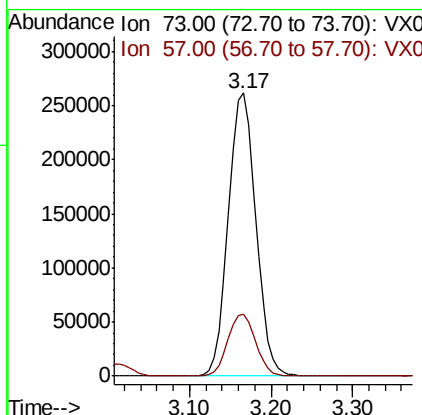
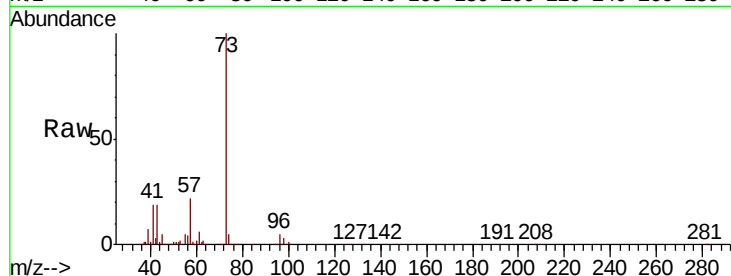




#19
Methyl tert-butyl Ether
Concen: 49.444 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

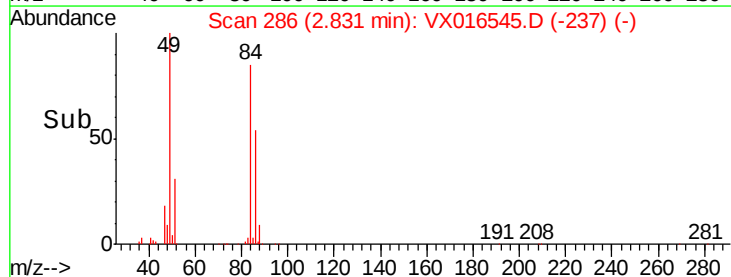
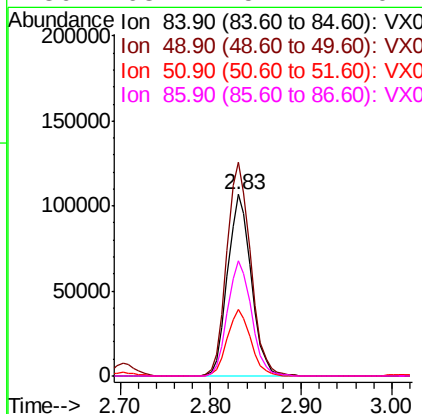
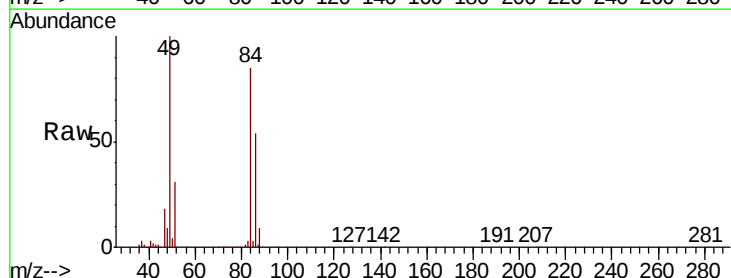
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

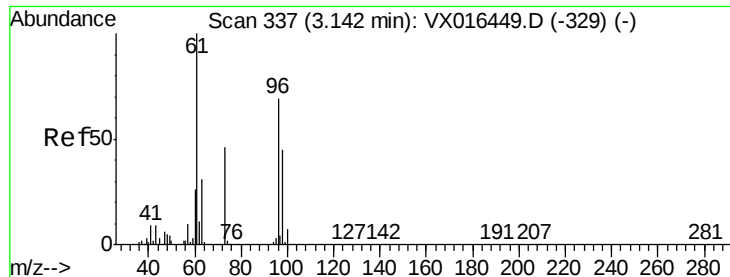
Tot Ion: 73 Resp: 609403
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6



#20
Methylene Chloride
Concen: 48.253 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 84 Resp: 193761
Ion Ratio Lower Upper
84 100
49 117.9 94.5 141.7
51 36.5 30.2 45.4
86 63.4 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.891 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

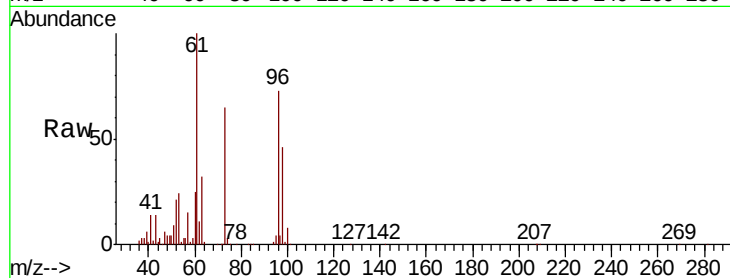
Tot Ion: 96 Resp: 185618

Ion Ratio Lower Upper

96 100

61 136.6 115.3 172.9

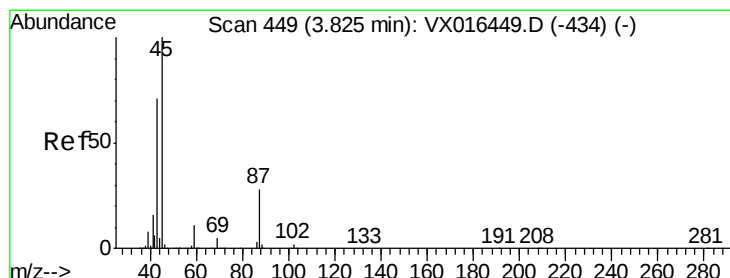
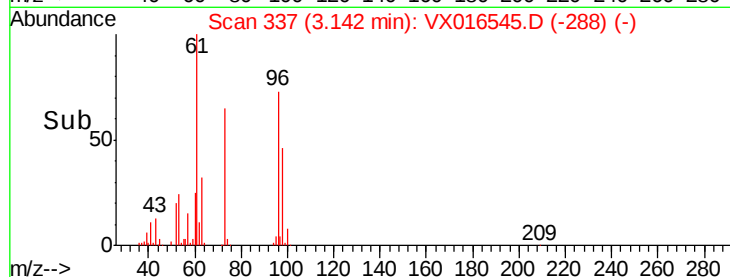
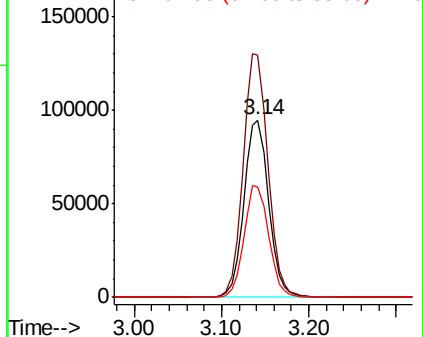
98 62.4 51.9 77.9



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: 49.185 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion: 45 Resp: 596419

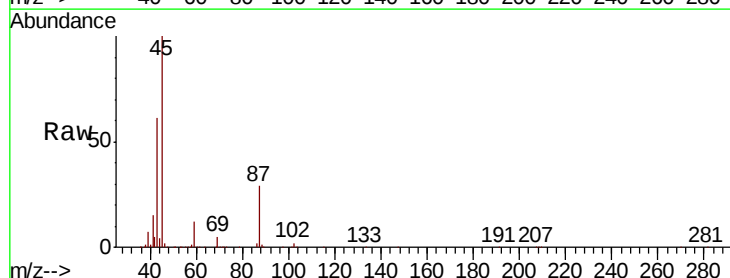
Ion Ratio Lower Upper

45 100

43 61.2 57.0 85.6

87 28.9 22.5 33.7

59 11.8 9.1 13.7

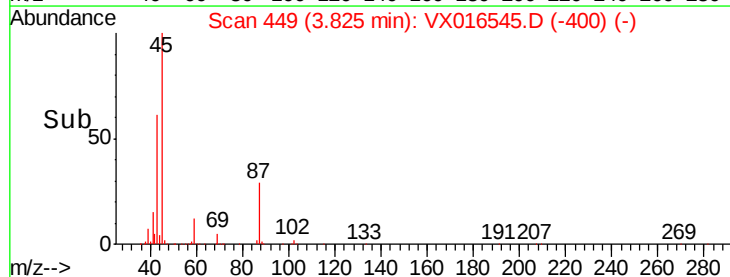
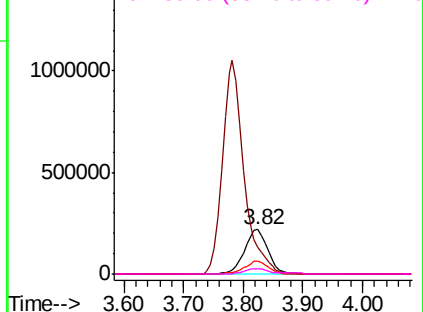


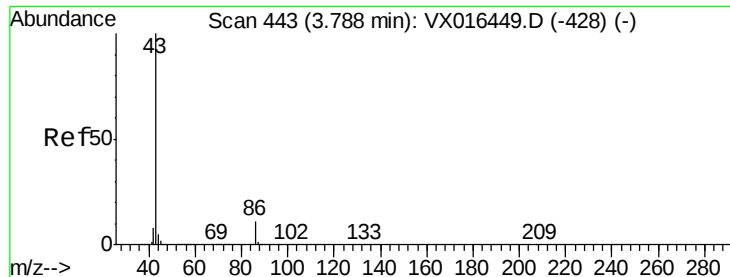
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 249.247 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

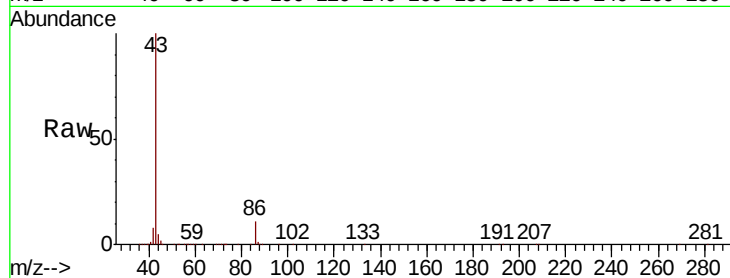
VSTDCCC050

Tot Ion: 43 Resp: 2645518

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

1200000

1000000

800000

600000

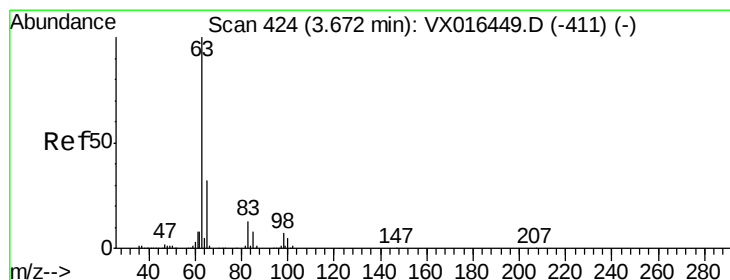
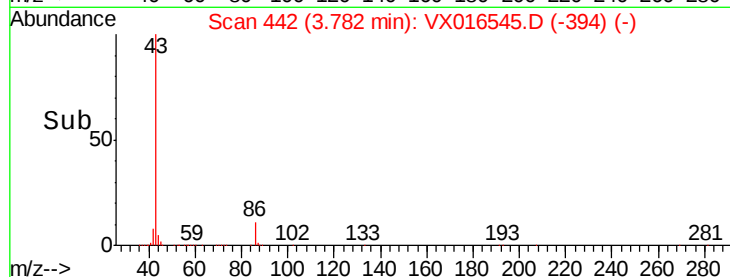
400000

200000

0

3.60 3.80 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 49.318 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

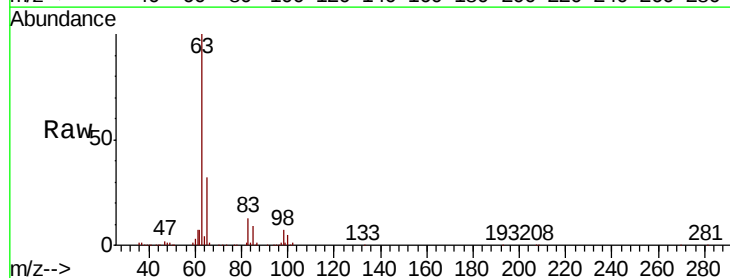
Tgt Ion: 63 Resp: 337542

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.6 2.4 7.1



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

200000

150000

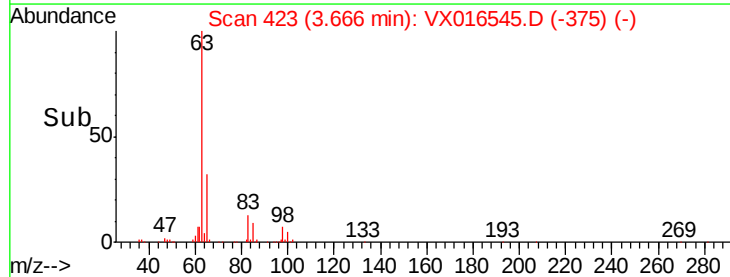
100000

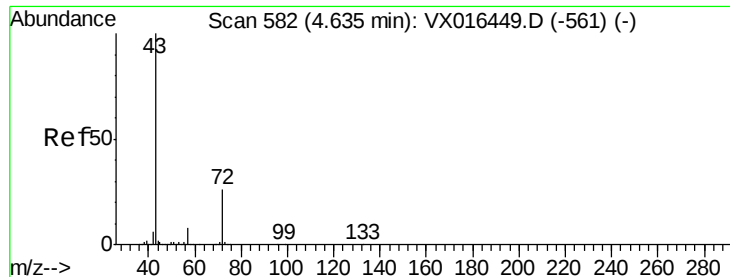
50000

0

3.50 3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 235.627 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

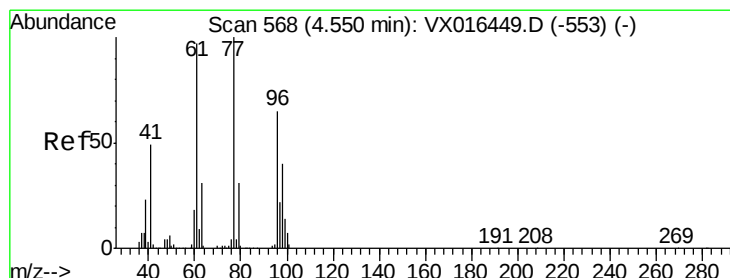
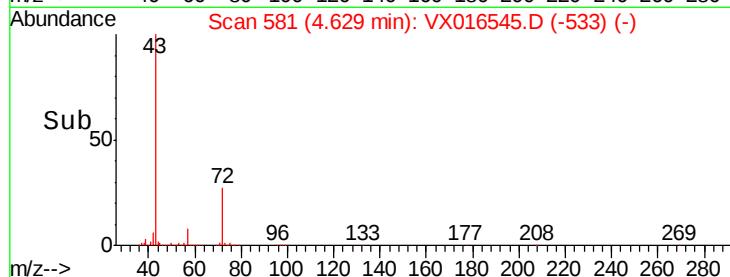
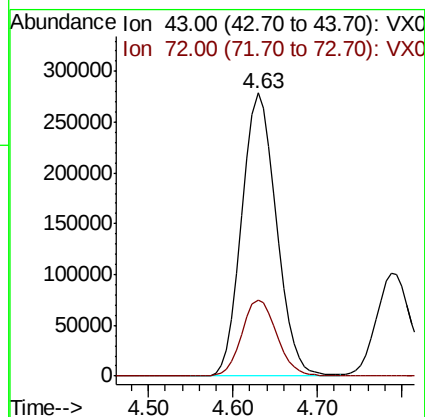
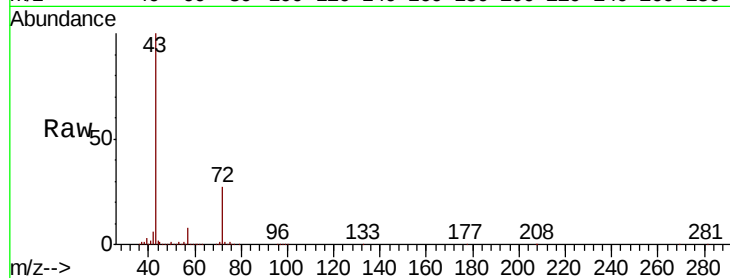
VSTDCCC050

Tot Ion: 43 Resp: 774903

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 53.658 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016545.D

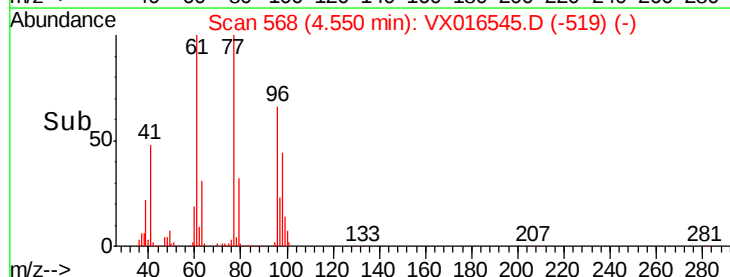
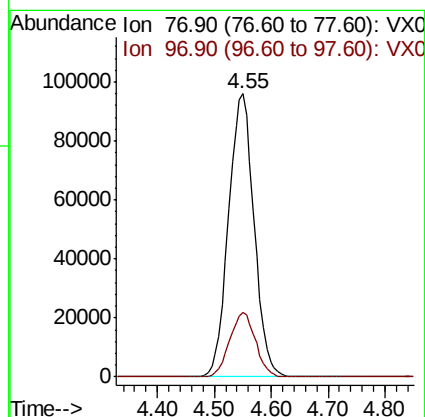
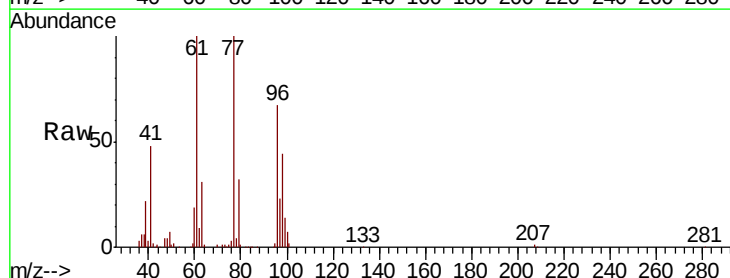
Acq: 02 Jun 2020 10:19

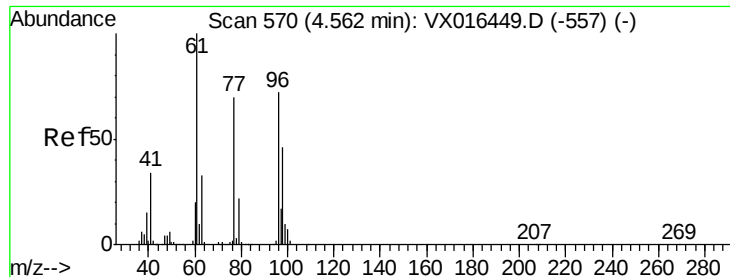
Tgt Ion: 77 Resp: 300507

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



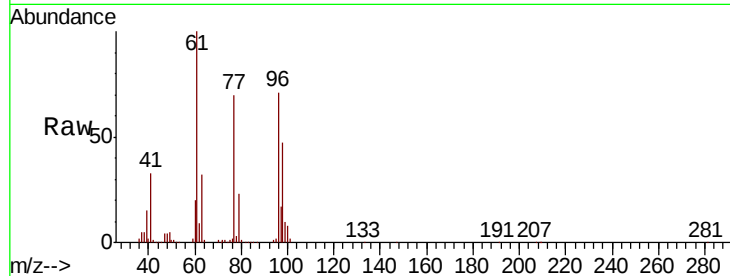


#27

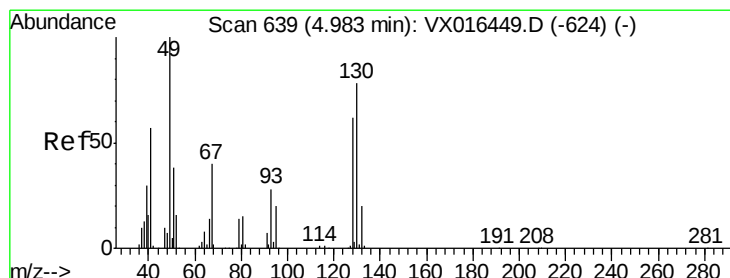
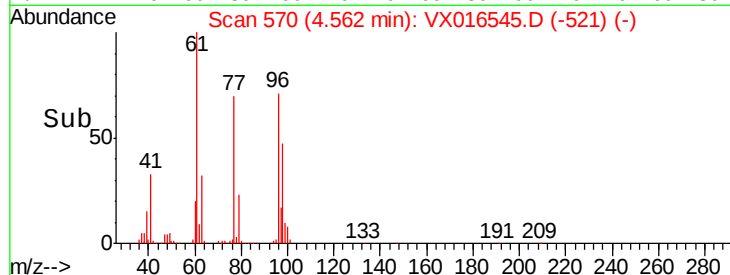
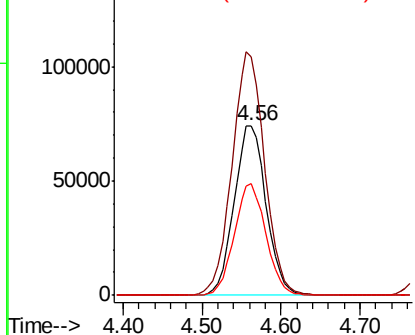
cis-1,2-Dichloroethene
Concen: 47.523 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	96	Resp	208727
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	284.6
98	65.6	0.0	127.2



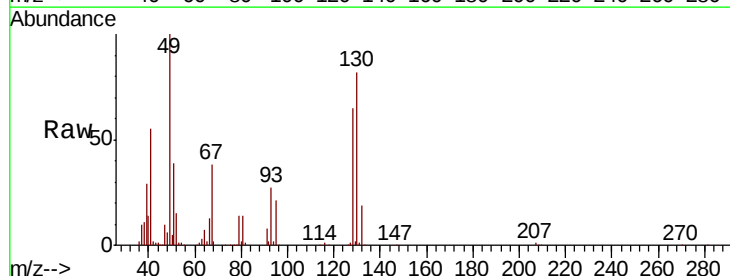
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



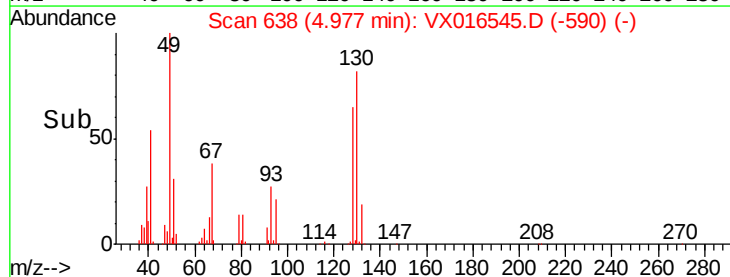
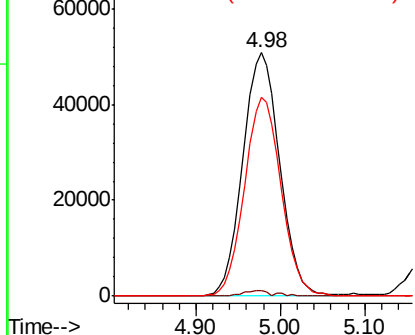
#28

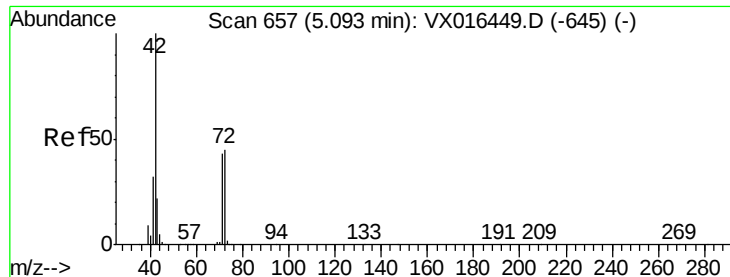
Bromochloromethane
Concen: 47.651 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion	49	Resp	151555
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.0
130	80.8	63.0	94.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 238.982 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

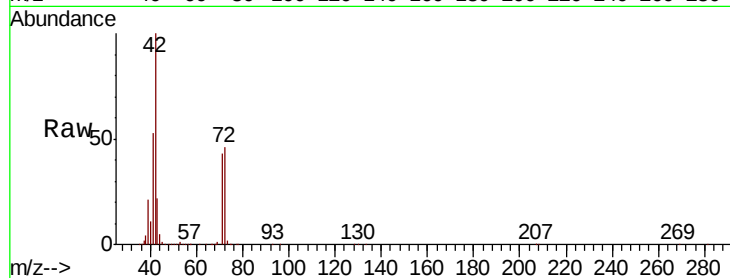
Tot Ion: 42 Resp: 507753

Ion Ratio Lower Upper

42 100

72 46.4 37.0 55.4

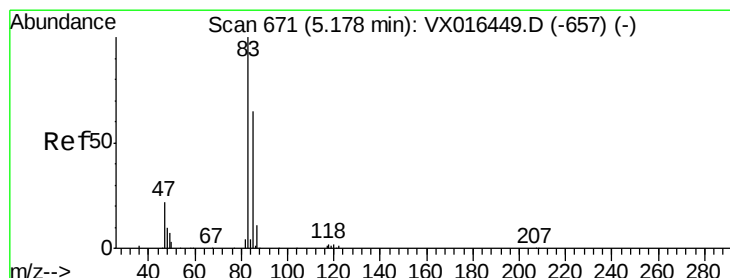
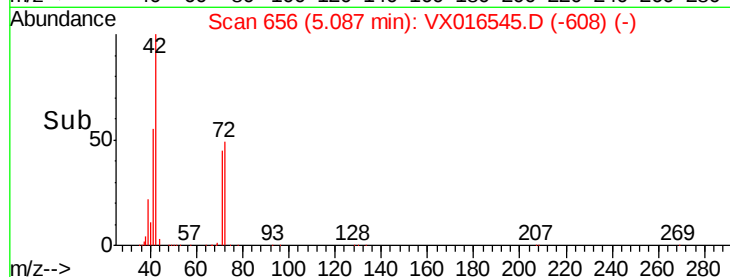
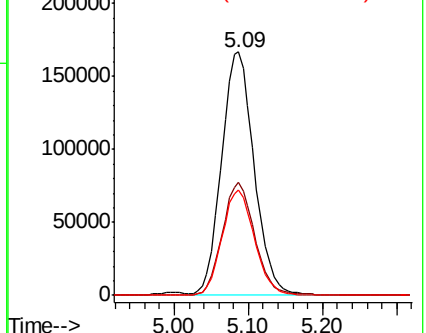
71 43.2 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 47.834 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016545.D

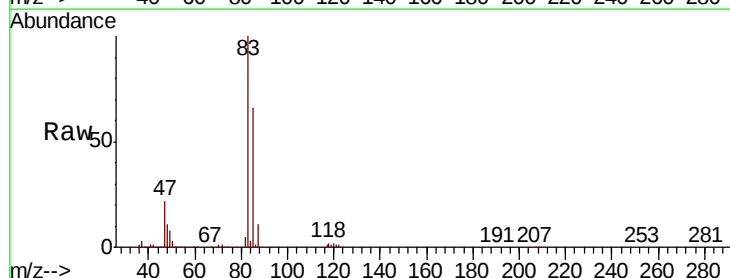
Acq: 02 Jun 2020 10:19

Tgt Ion: 83 Resp: 329874

Ion Ratio Lower Upper

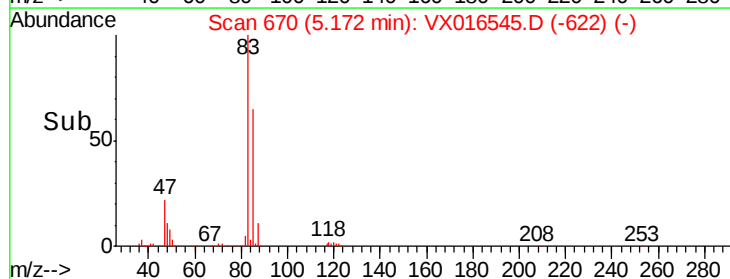
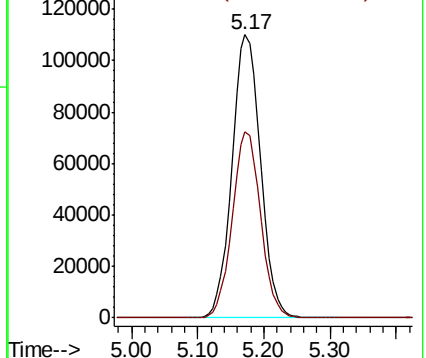
83 100

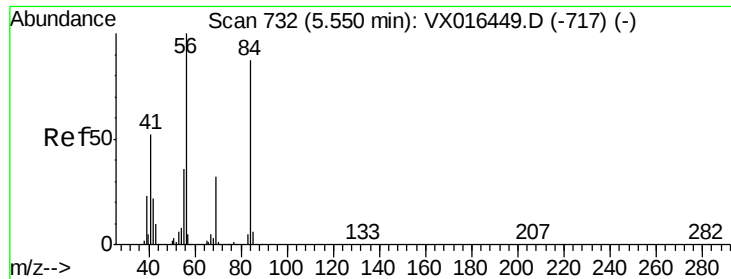
85 65.8 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

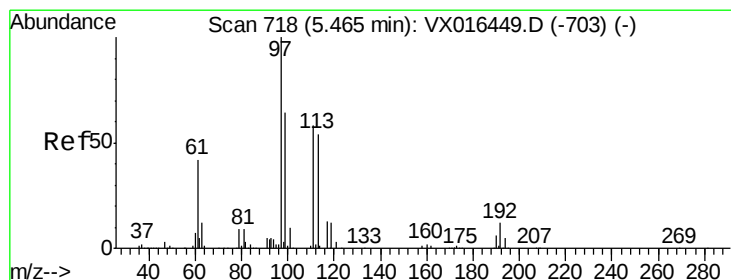
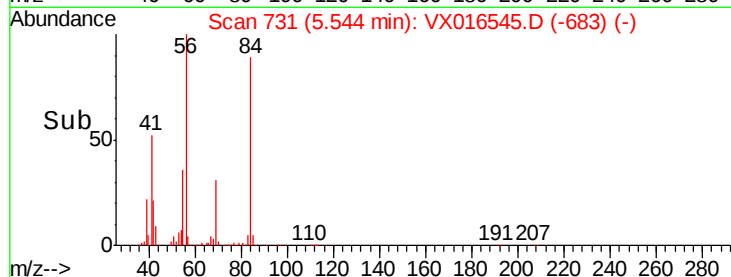
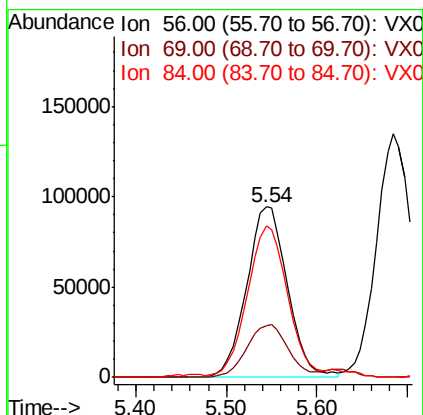
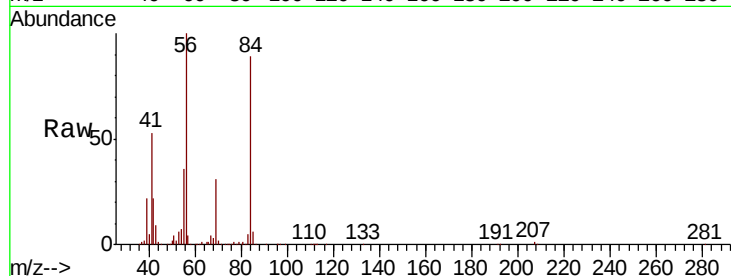




#31
Cyclohexane
Concen: 47.701 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

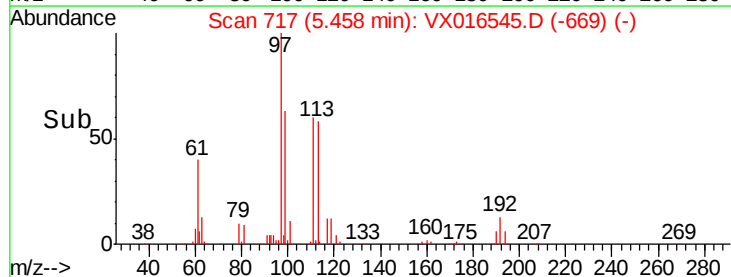
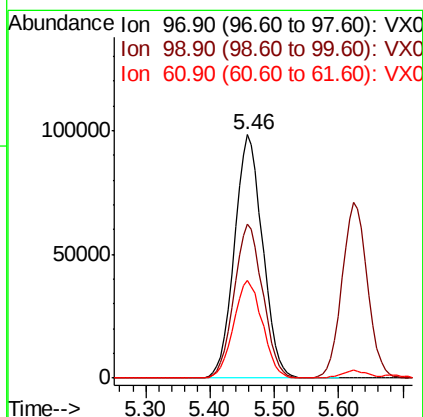
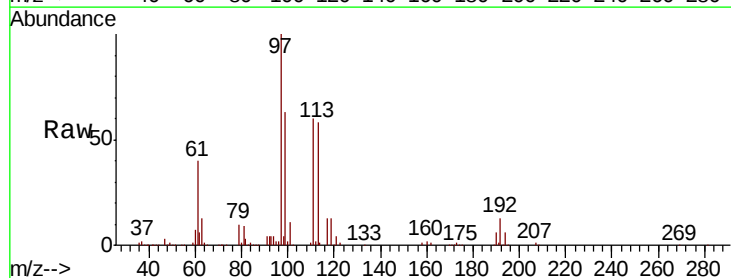
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

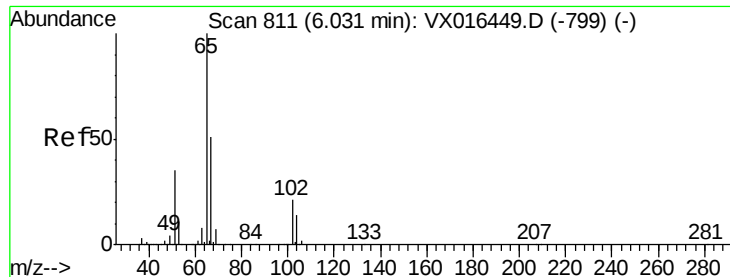
Tot Ion: 56 Resp: 293706
Ion Ratio Lower Upper
56 100
69 30.6 25.7 38.5
84 87.4 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 47.690 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 97 Resp: 297748
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.2
61 41.2 33.5 50.3





#33

1,2-Dichloroethane-d4

Concen: 47.139 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

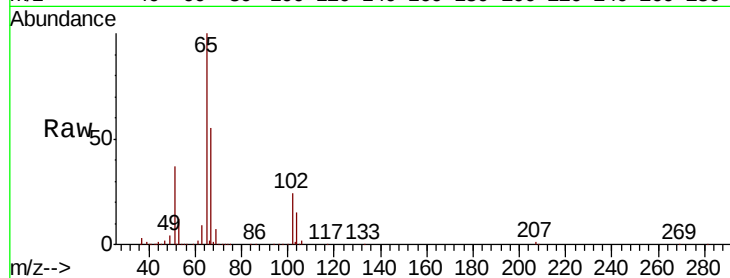
VSTDCCC050

Tot Ion: 65 Resp: 208821

Ion Ratio Lower Upper

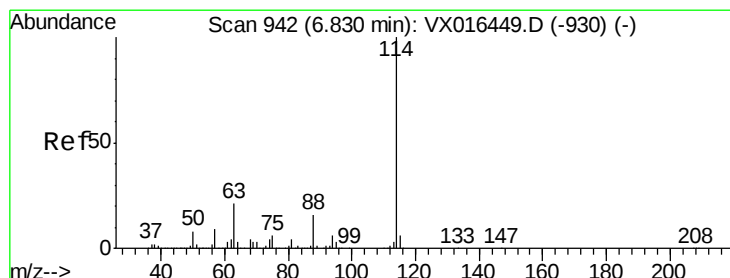
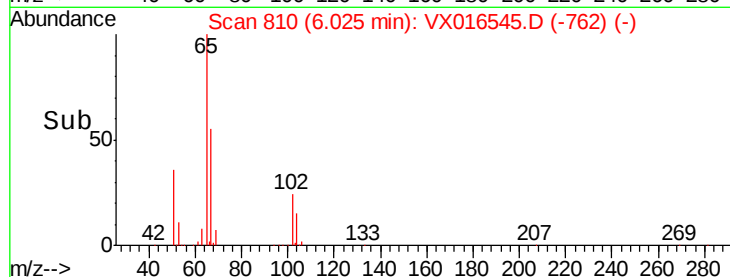
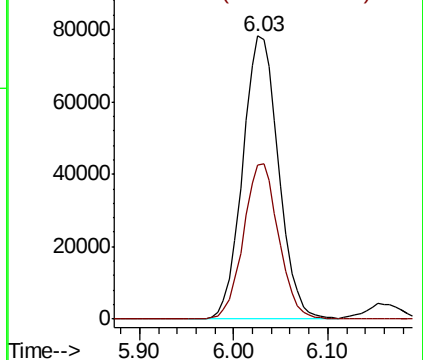
65 100

67 53.9 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

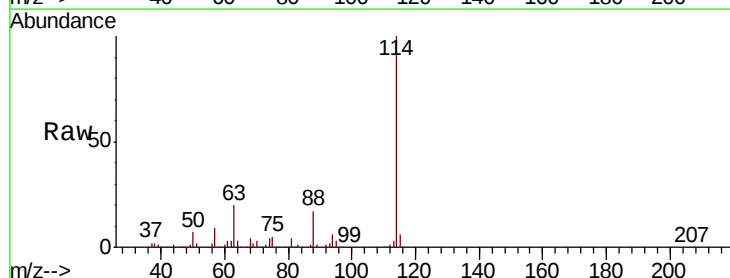
Tgt Ion: 114 Resp: 553817

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

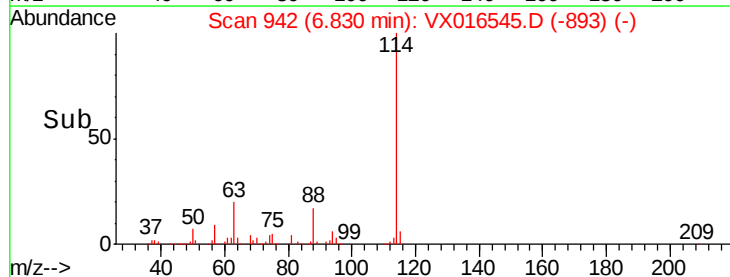
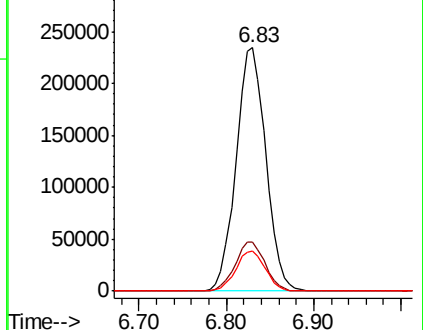
88 16.7 0.0 32.8

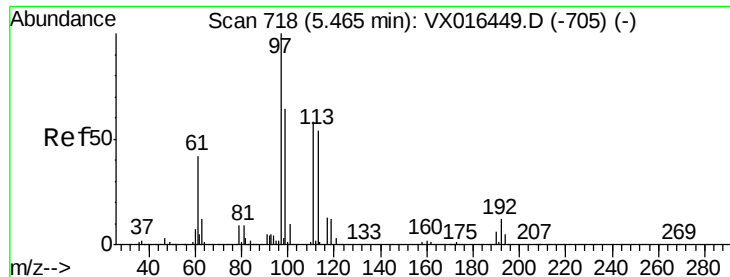


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.757 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

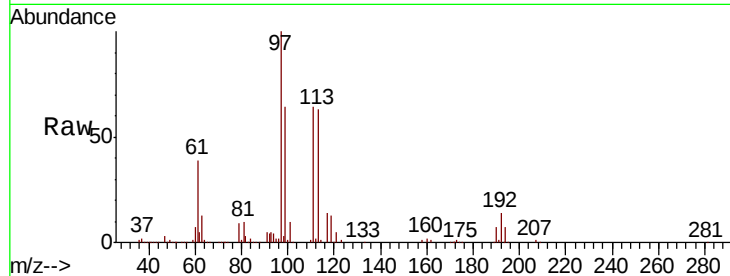
Tot Ion:113 Resp: 169676

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

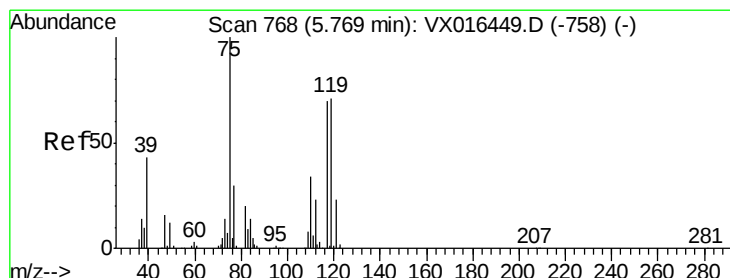
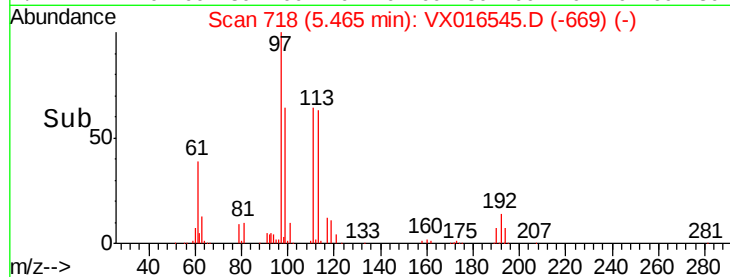
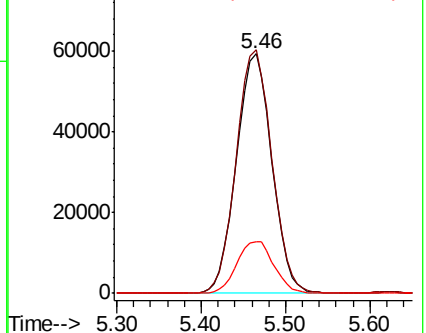
192 22.5 17.7 26.5



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: 48.571 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

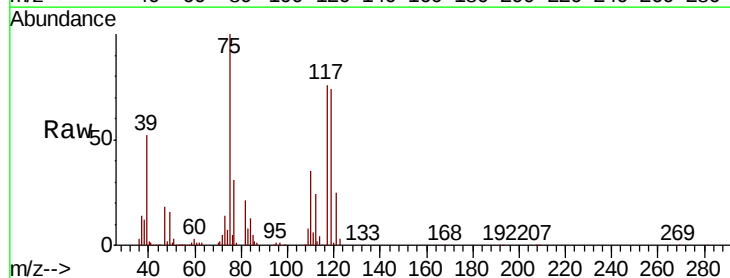
Tgt Ion: 75 Resp: 254685

Ion Ratio Lower Upper

75 100

110 35.9 17.4 52.3

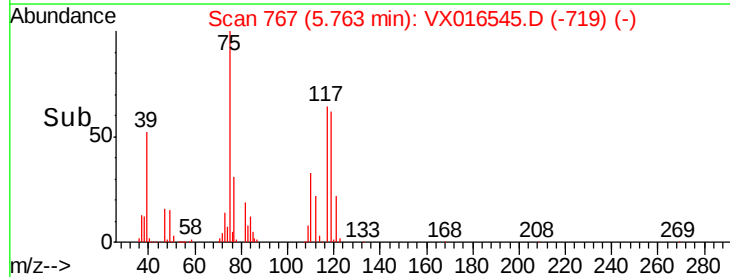
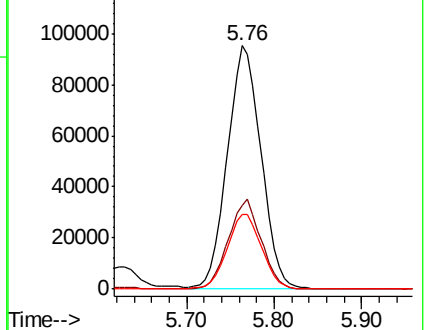
77 31.3 24.2 36.4

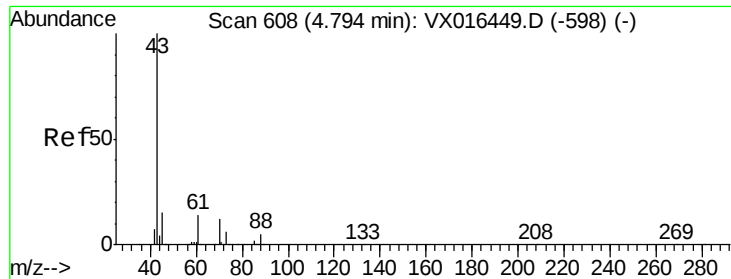


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

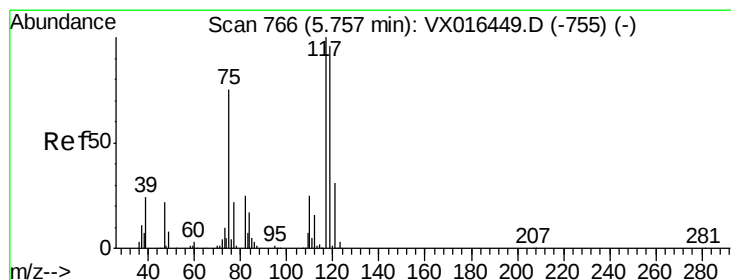
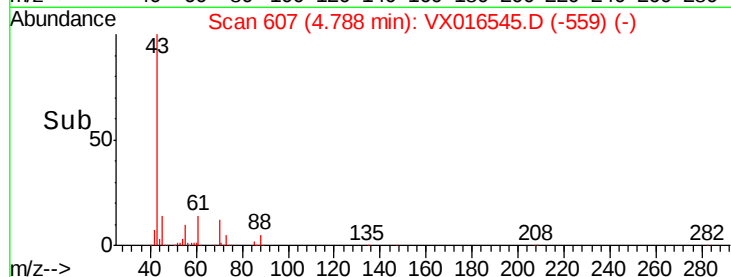
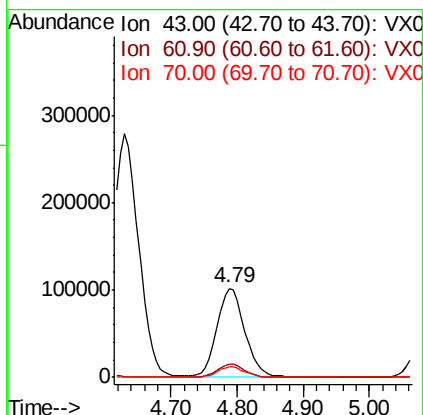
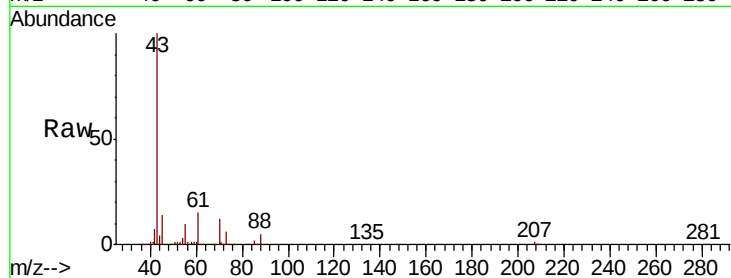




#37
Ethyl Acetate
Concen: 46.822 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

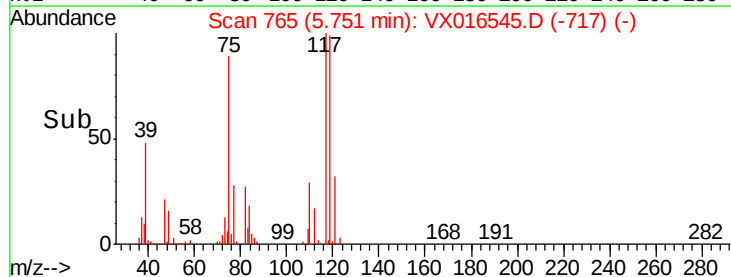
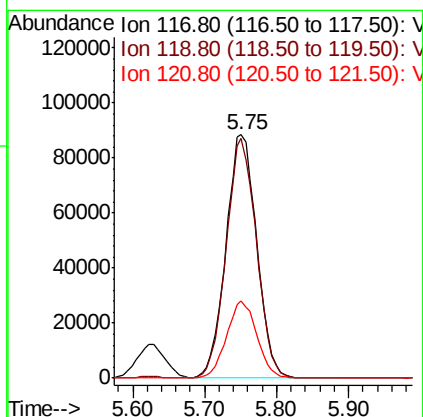
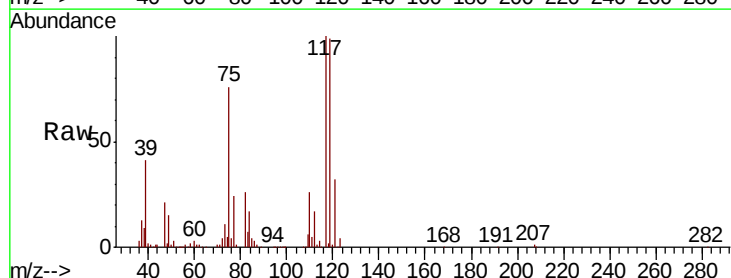
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

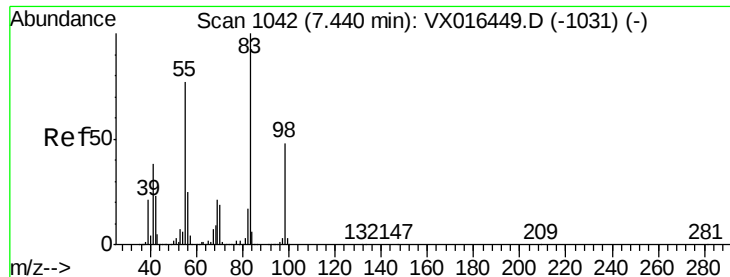
Tot Ion: 43 Resp: 294763
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 12.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 47.722 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 117 Resp: 262973
Ion Ratio Lower Upper
117 100
119 98.7 76.3 114.5
121 31.7 24.6 37.0

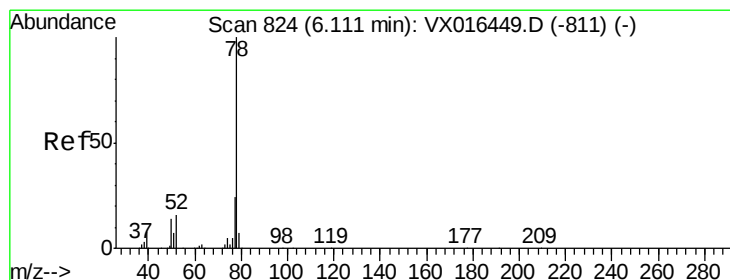
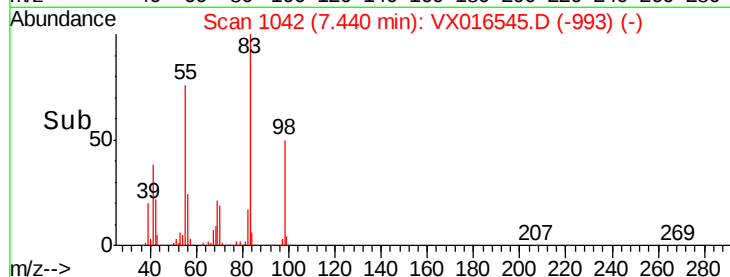
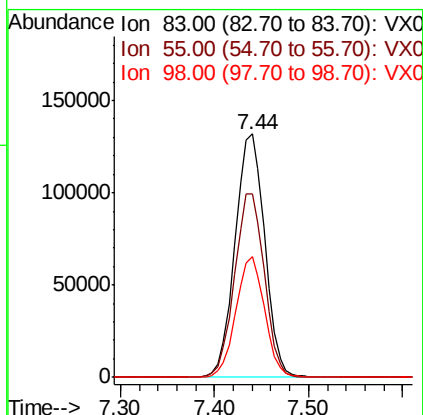
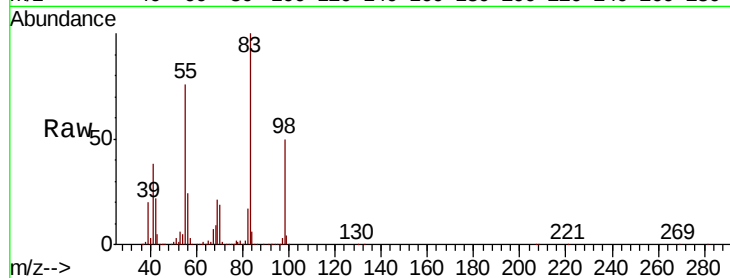




#39
Methvlcvclohexane
Concen: 51.031 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

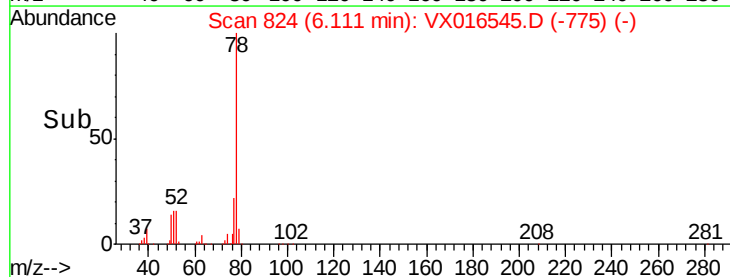
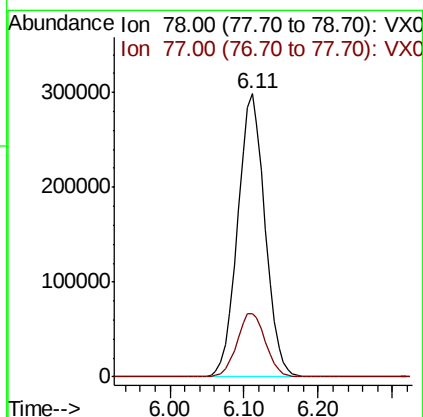
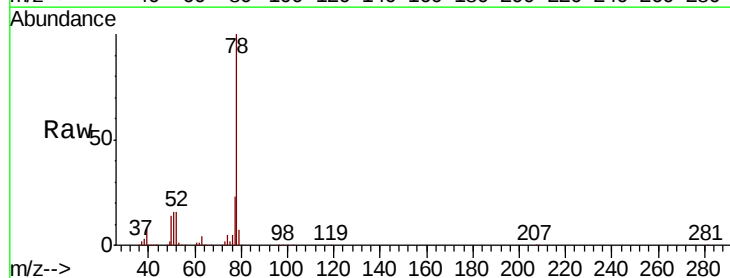
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

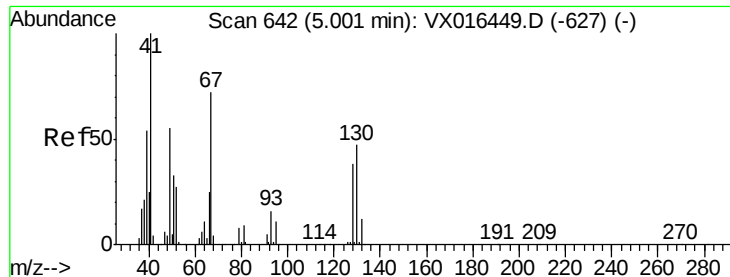
Tot Ion: 83 Resp: 290643
Ion Ratio Lower Upper
83 100
55 75.5 61.7 92.5
98 49.8 38.7 58.1



#40
Benzene
Concen: 49.177 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 78 Resp: 767899
Ion Ratio Lower Upper
78 100
77 22.5 18.9 28.3

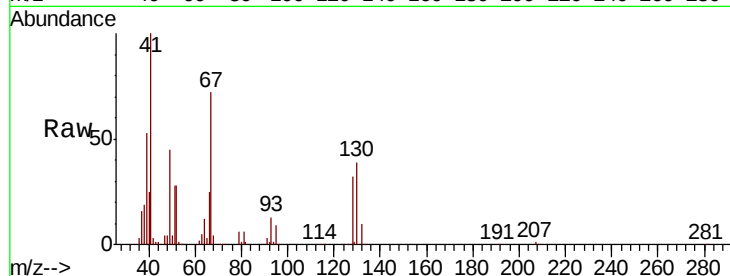




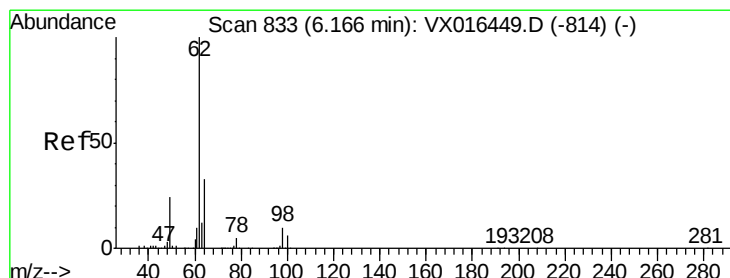
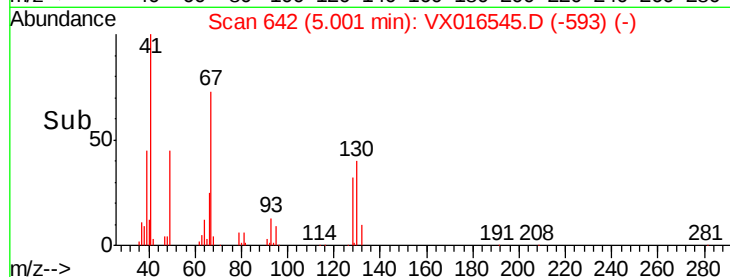
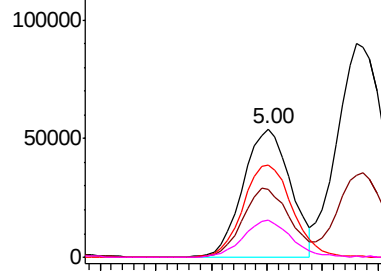
#41
Methacrylonitrile
Concen: 46.455 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	160638
Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.0	64.4
67	74.5	58.9	88.3
52	28.6	23.1	34.7

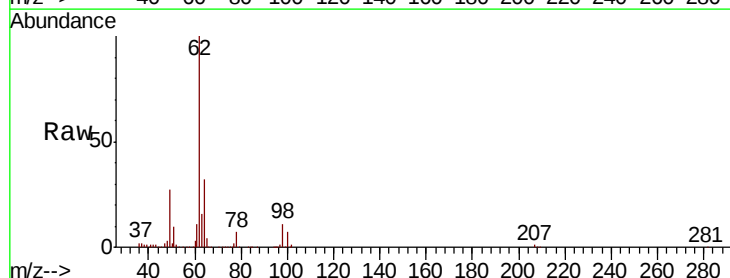


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

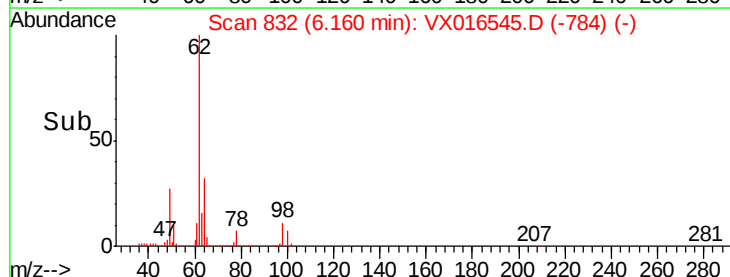
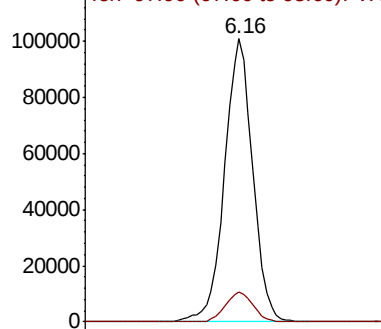


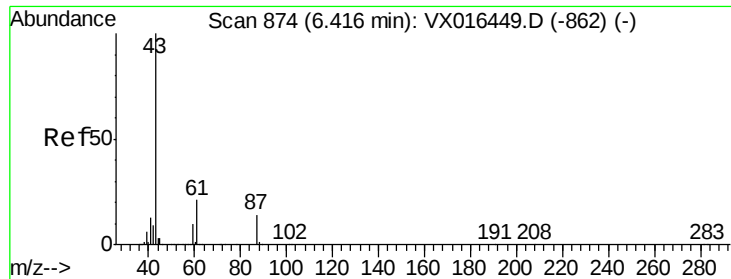
#42
1,2-Dichloroethane
Concen: 46.669 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:	62	Resp:	259158
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

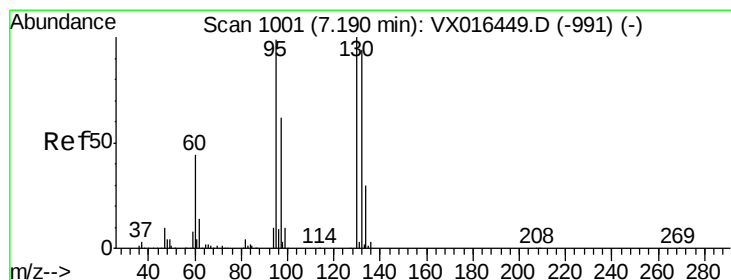
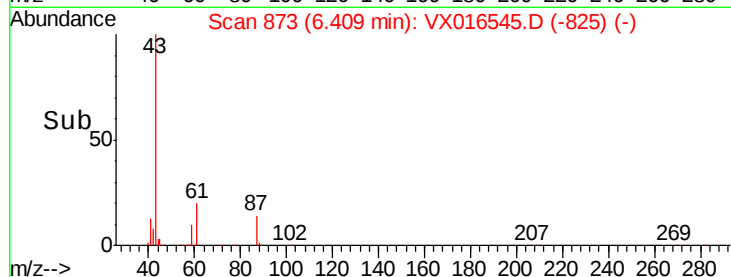
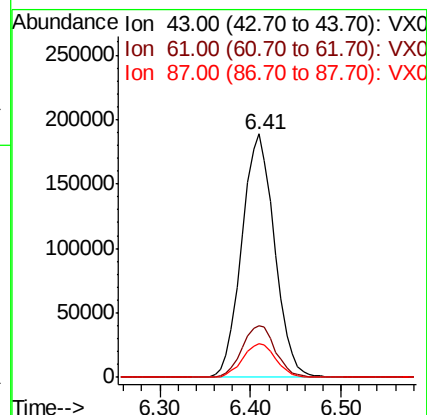
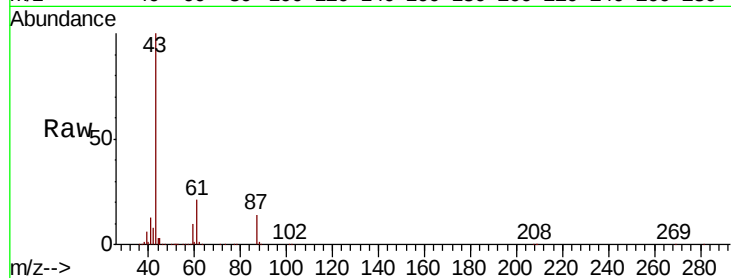




#43
Isopropyl Acetate
Concen: 47.927 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

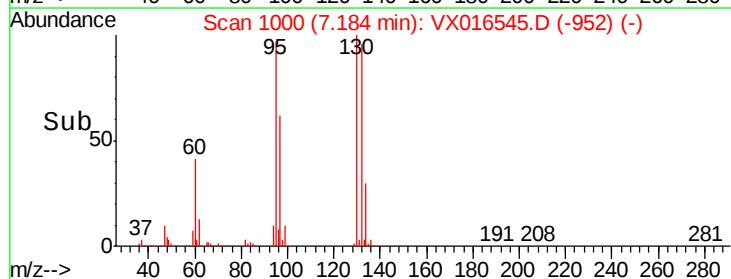
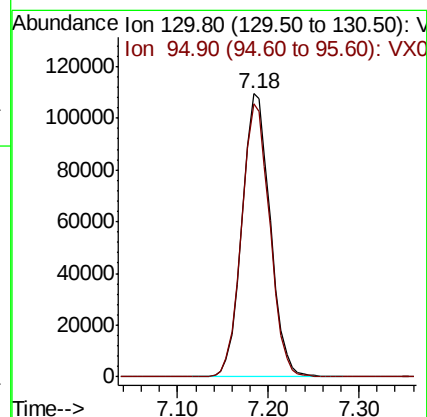
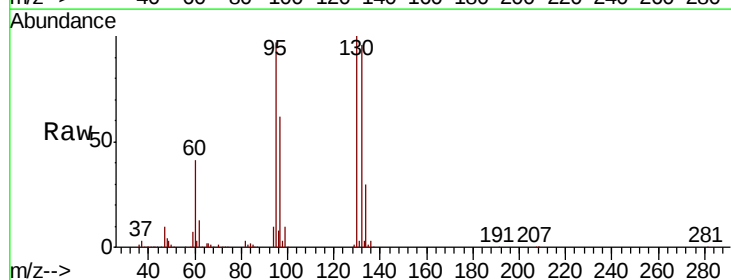
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

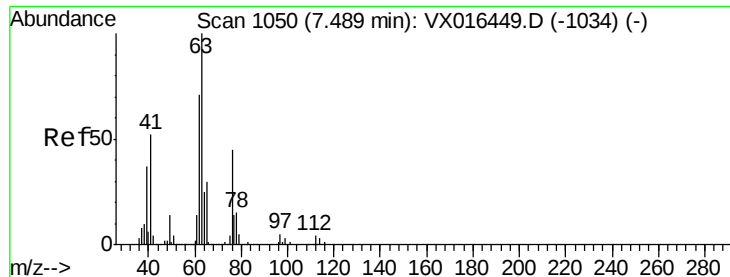
Tot Ion: 43 Resp: 470630
Ion Ratio Lower Upper
43 100
61 21.5 16.8 25.2
87 14.2 11.2 16.8



#44
Trichloroethene
Concen: 47.726 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:130 Resp: 236451
Ion Ratio Lower Upper
130 100
95 96.6 0.0 198.2

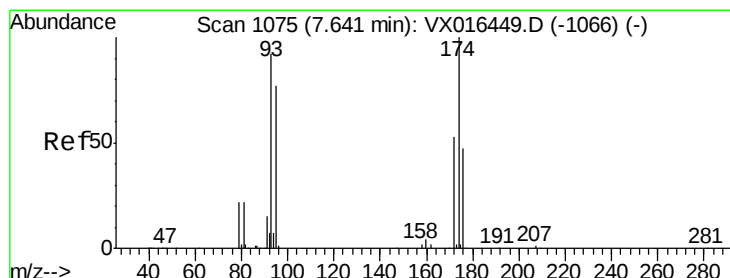
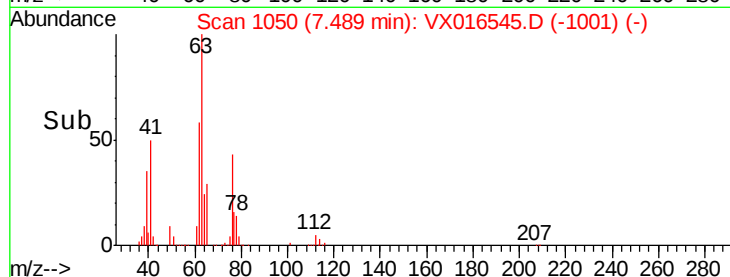
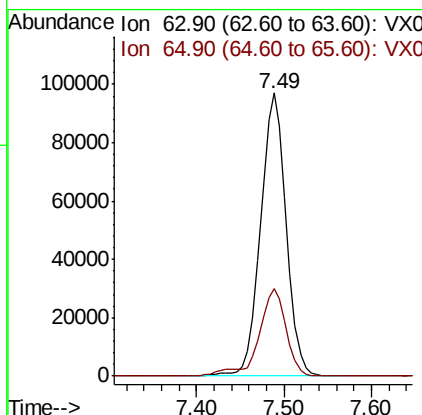
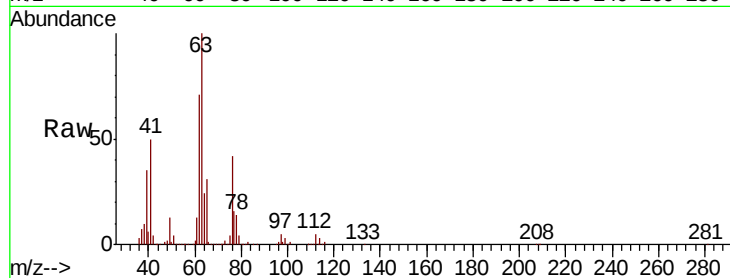




#45
 1,2-Dichloropropane
 Concen: 49.755 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

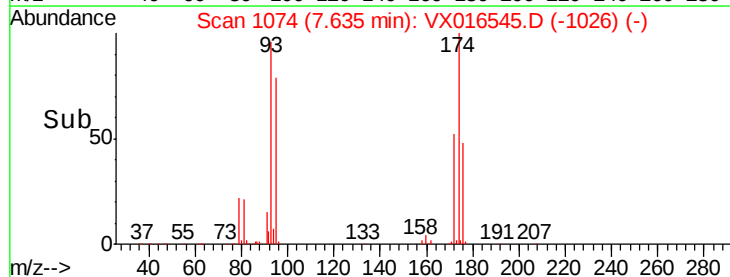
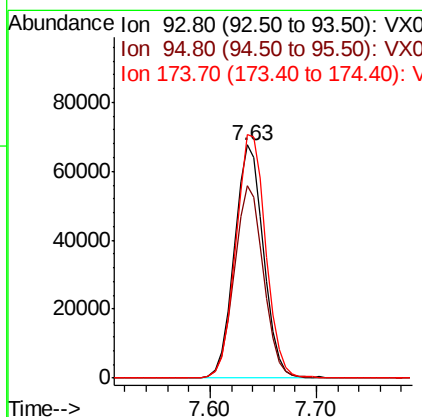
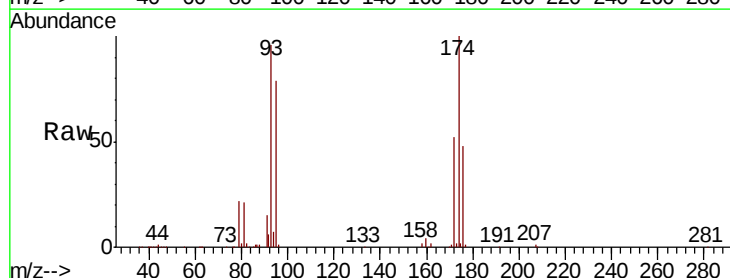
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

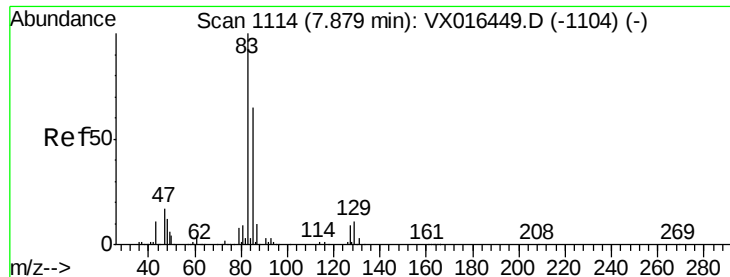
Tot Ion: 63 Resp: 197789
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.2 36.2



#46
 Dibromomethane
 Concen: 48.732 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion: 93 Resp: 130119
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.6 100.0
 174 107.7 86.2 129.4





#47

Bromodichloromethane

Concen: 48.687 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

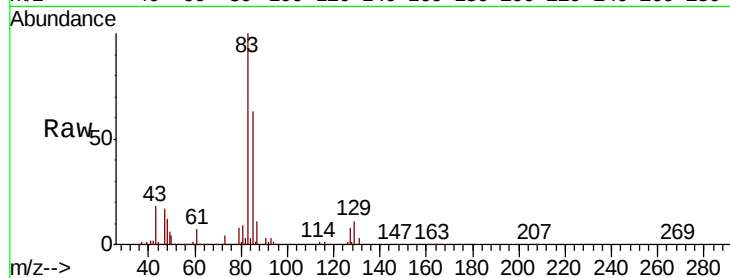
Tot Ion: 83 Resp: 269171

Ion Ratio Lower Upper

83 100

85 62.8 52.0 78.0

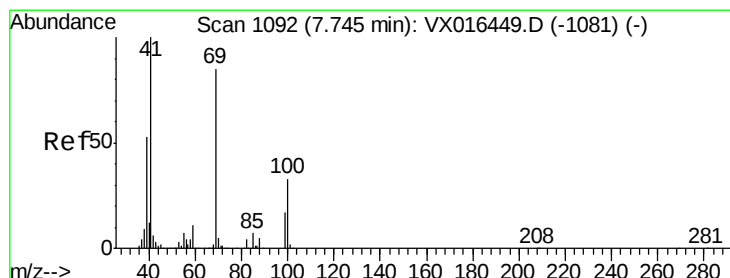
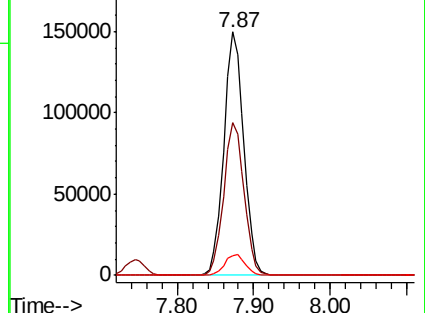
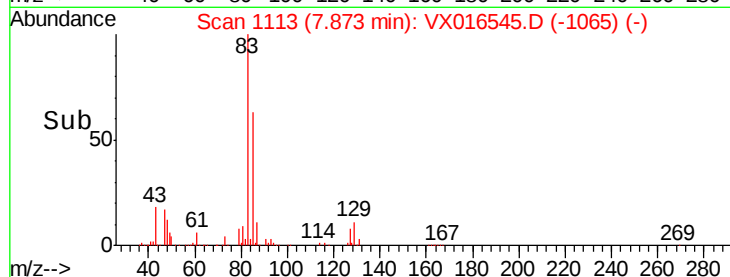
127 8.3 7.4 11.0



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: 48.363 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

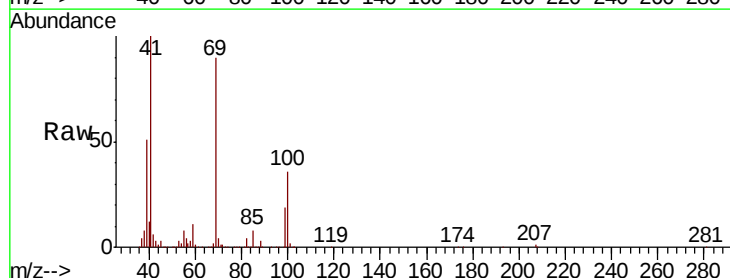
Tgt Ion: 41 Resp: 227387

Ion Ratio Lower Upper

41 100

69 87.5 68.6 102.8

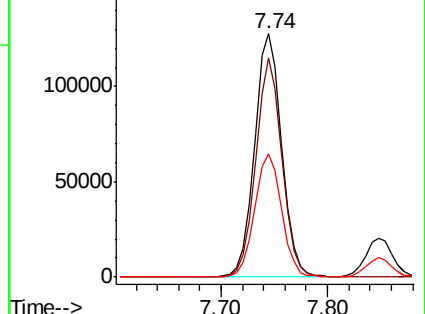
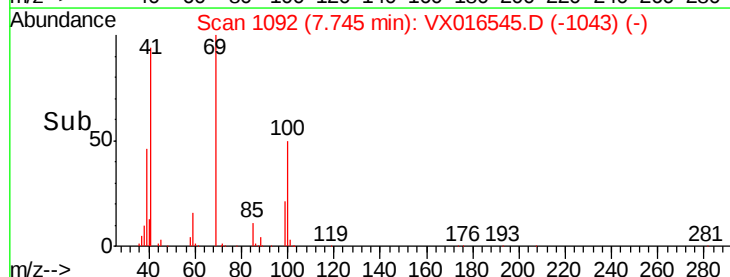
39 50.3 42.4 63.6

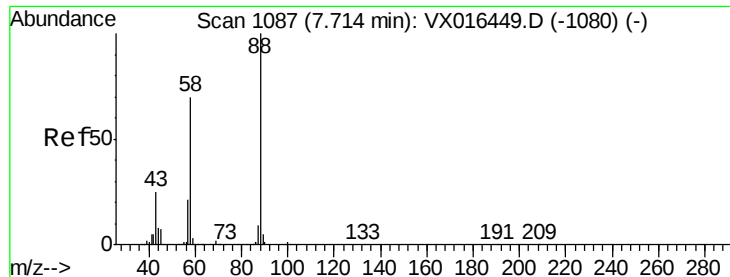


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 845.955 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

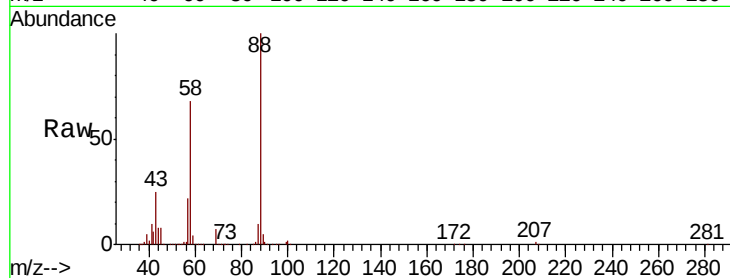
Tot Ion: 88 Resp: 93081

Ion Ratio Lower Upper

88 100

43 30.4 24.2 36.4

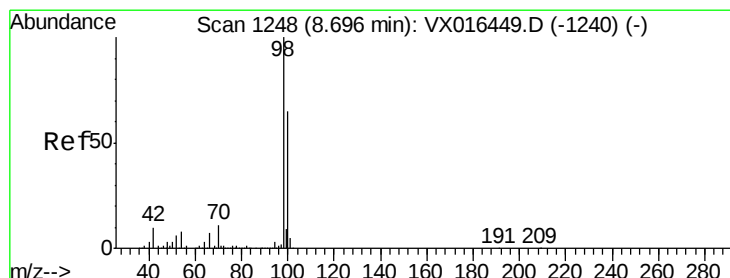
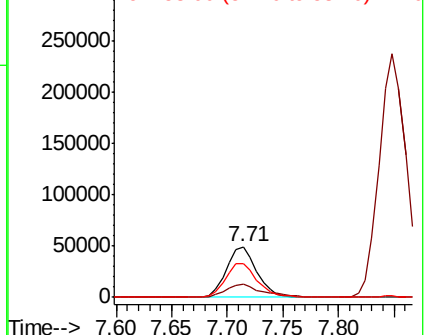
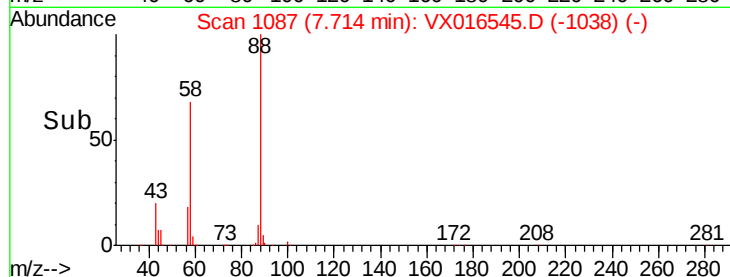
58 71.6 56.5 84.7



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: 49.728 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016545.D

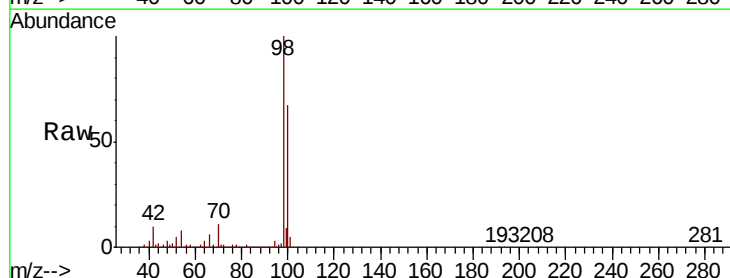
Acq: 02 Jun 2020 10:19

Tgt Ion: 98 Resp: 660037

Ion Ratio Lower Upper

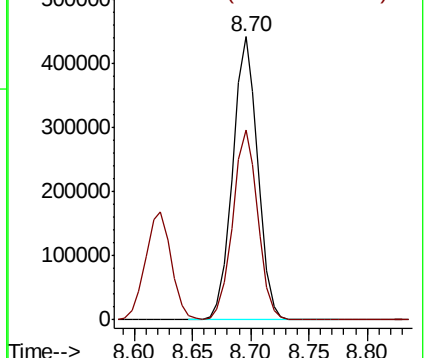
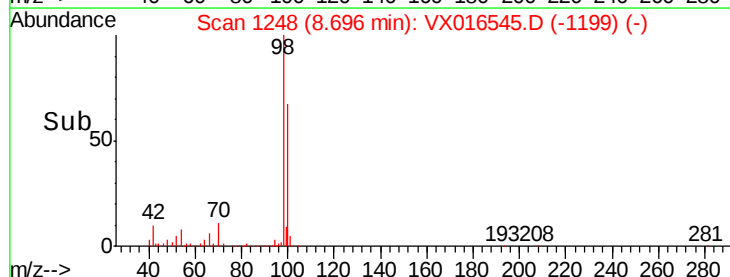
98 100

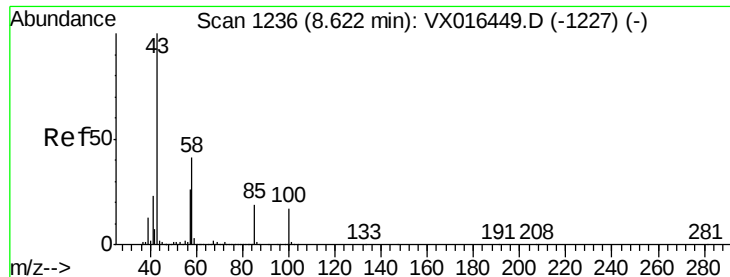
100 67.0 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

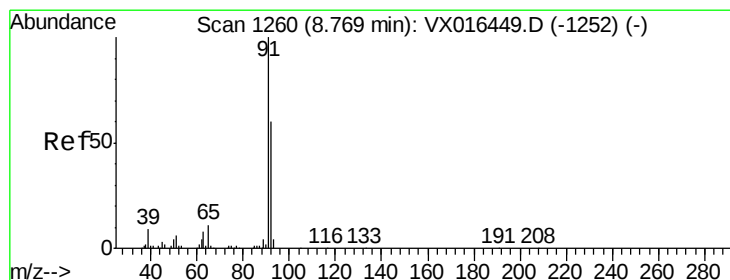
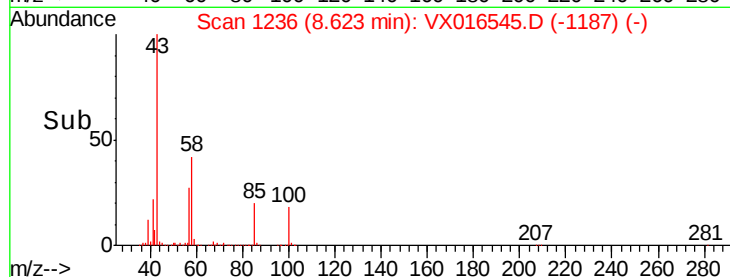
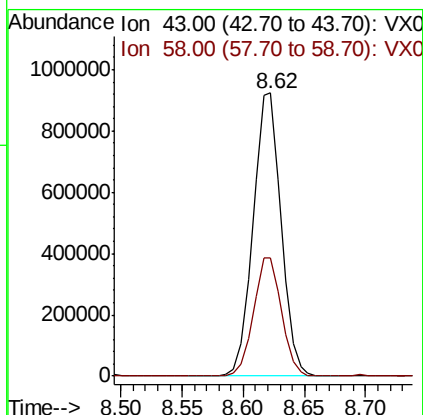
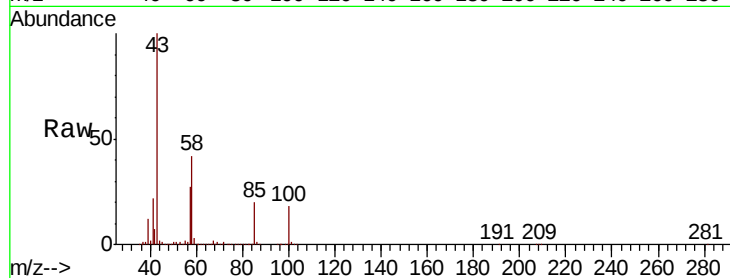




#51
 4-Methyl-2-Pentanone
 Concen: 241.417 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

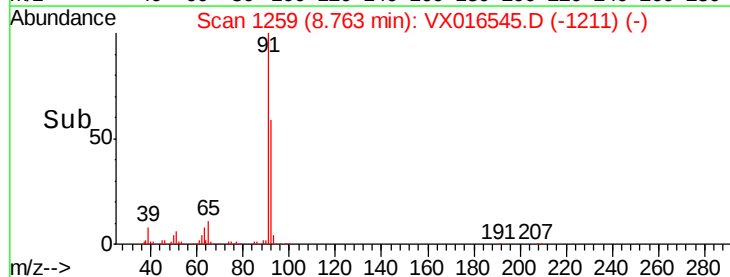
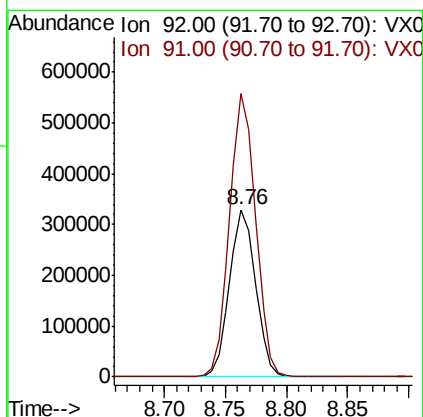
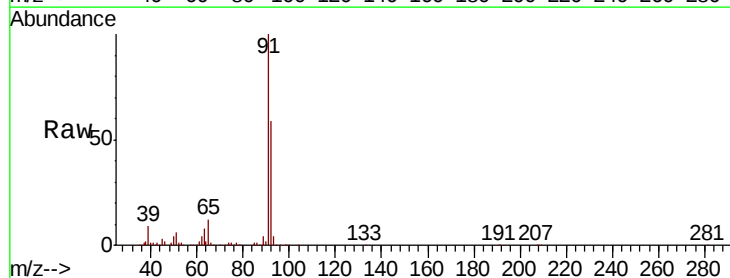
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

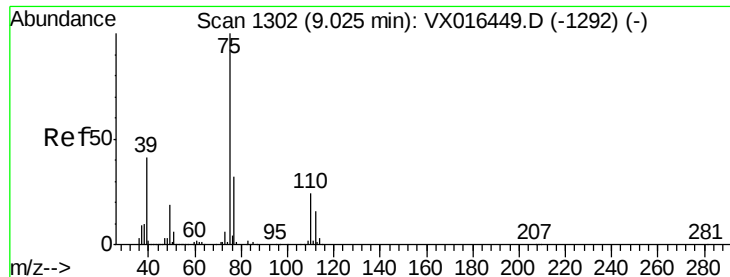
Tot Ion: 43 Resp: 1476104
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.0 49.6



#52
 Toluene
 Concen: 49.366 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion: 92 Resp: 486096
 Ion Ratio Lower Upper
 92 100
 91 169.1 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 50.805 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

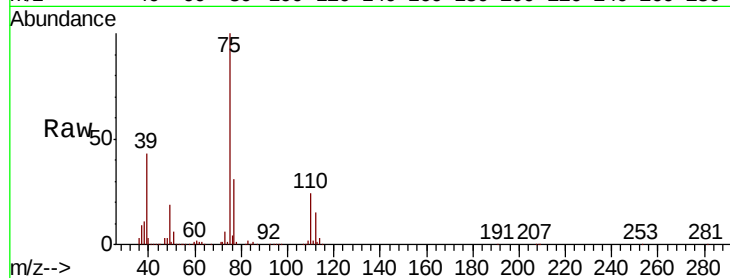
VSTDCCC050

Tot Ion: 75 Resp: 319389

Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

150000

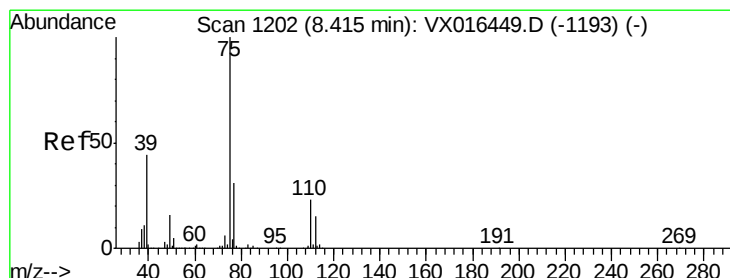
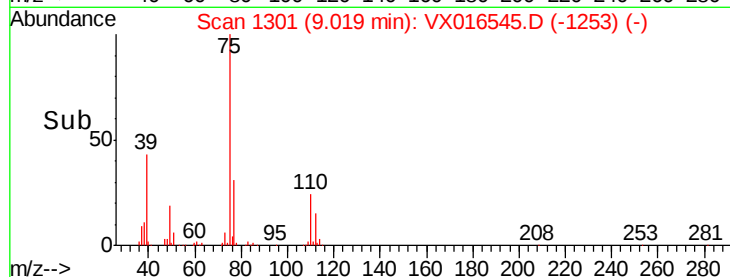
100000

50000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 50.486 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

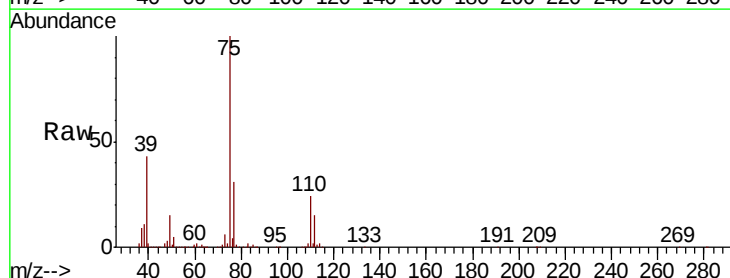
Tgt Ion: 75 Resp: 335942

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8

39 42.8 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

300000

250000

200000

150000

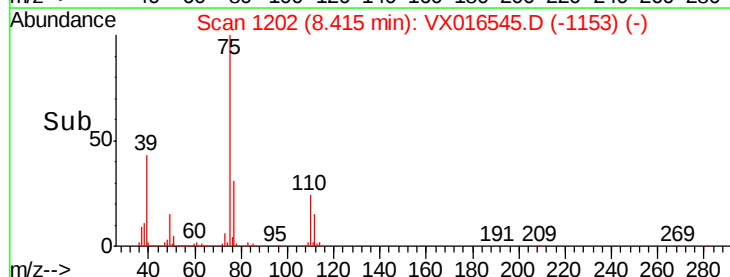
100000

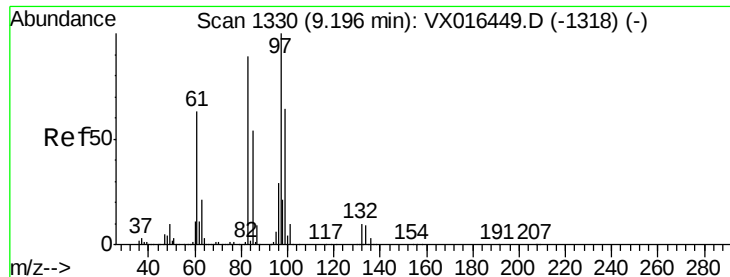
50000

0

Time-->

8.30 8.40 8.50

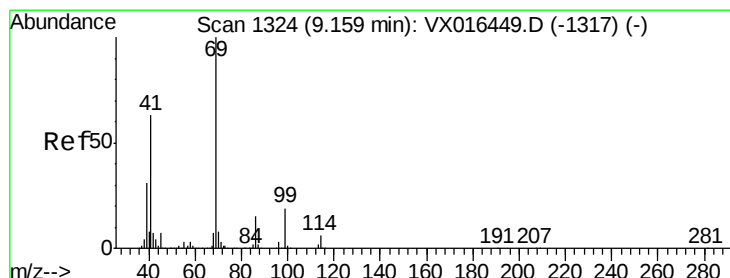
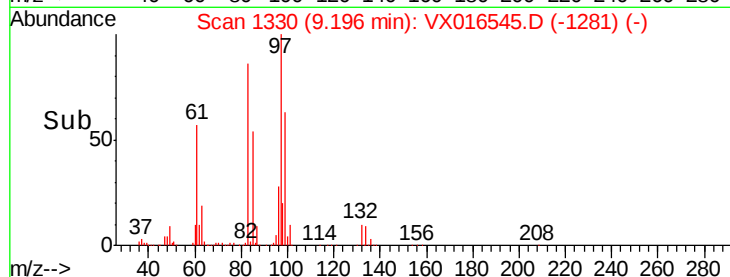
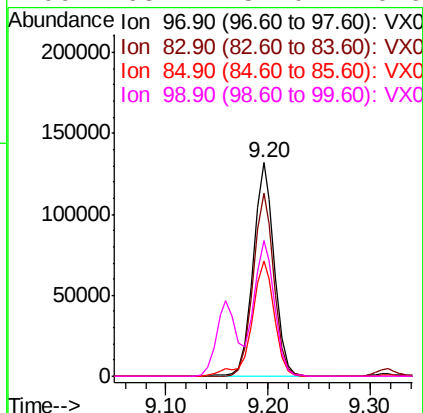
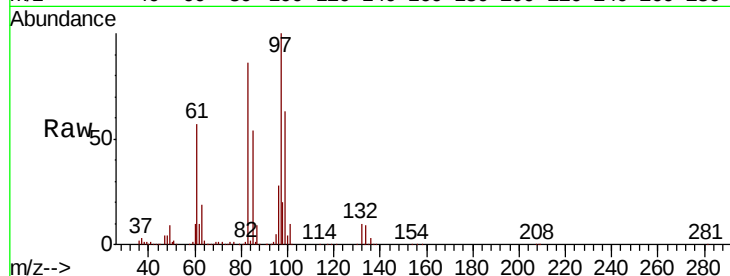




#55
 1,1,2-Trichloroethane
 Concen: 48.948 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

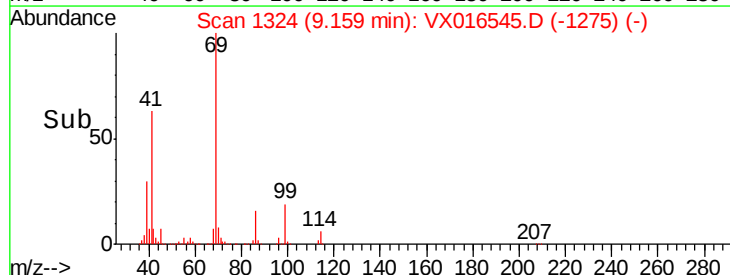
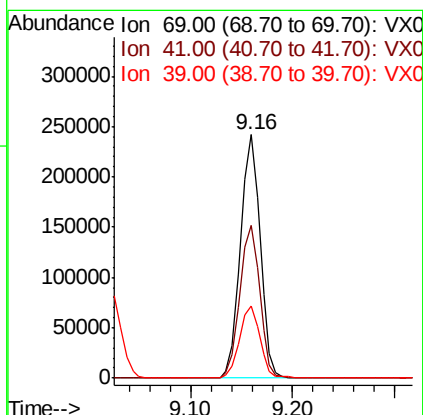
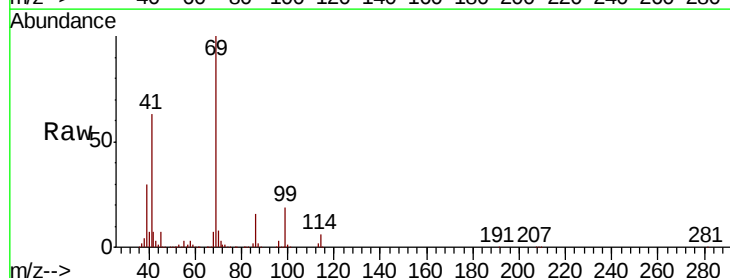
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

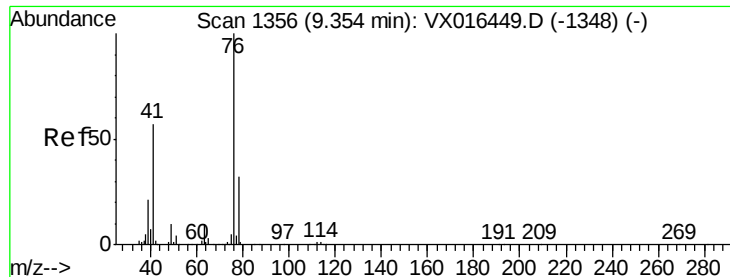
Tot Ion:	97	Resp:	191635
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.9	106.3
85	54.2	43.4	65.2
99	63.4	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 50.598 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion:	69	Resp:	322623
Ion	Ratio	Lower	Upper
69	100		
41	63.3	50.7	76.1
39	30.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 49.264 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

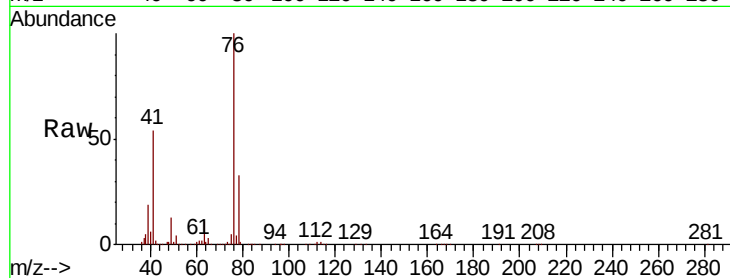
VSTDCCC050

Tot Ion: 76 Resp: 331059

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

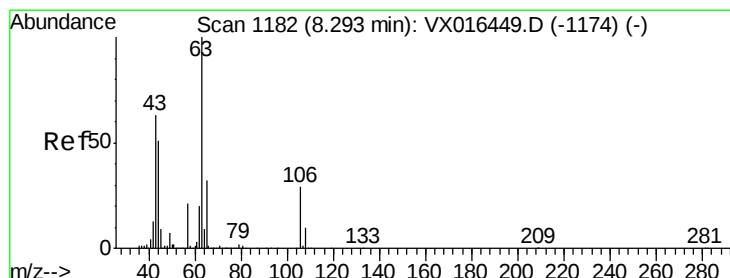
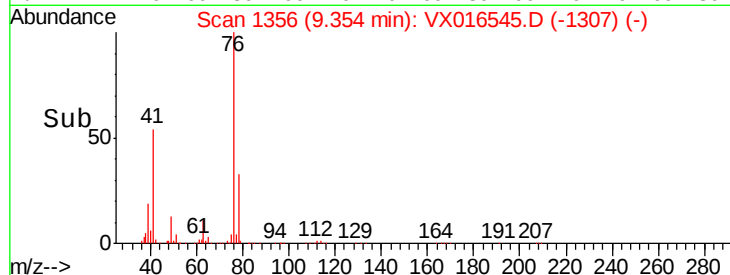
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 250.501 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016545.D

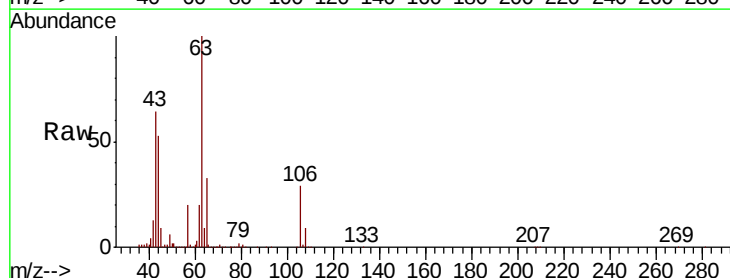
Acq: 02 Jun 2020 10:19

Tgt Ion: 63 Resp: 833704

Ion Ratio Lower Upper

63 100

106 29.8 23.2 34.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

600000

500000

400000

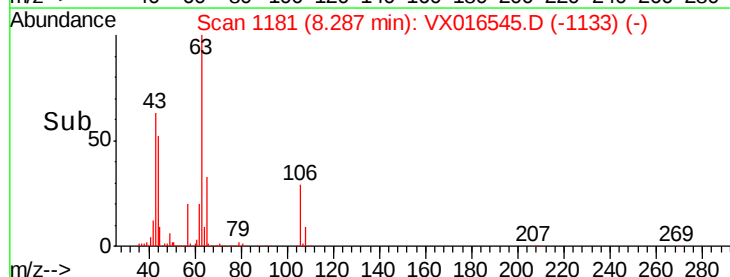
300000

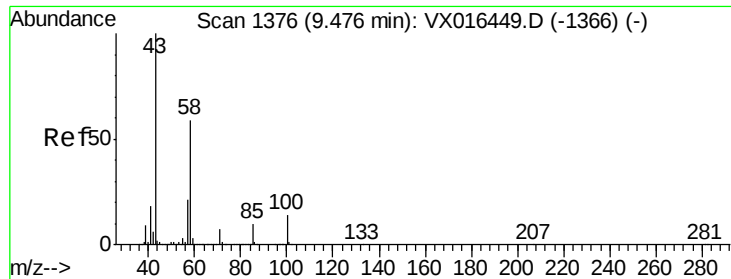
200000

100000

0

Time-->

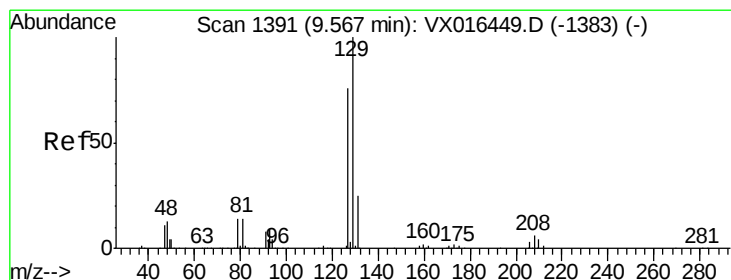
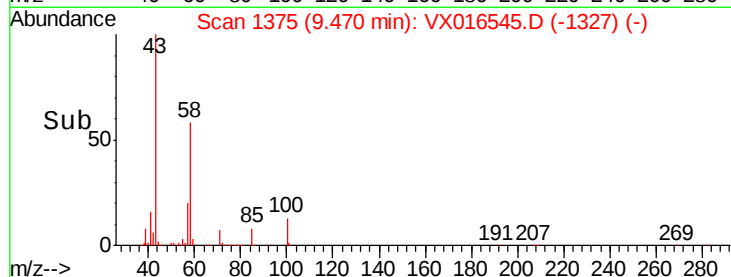
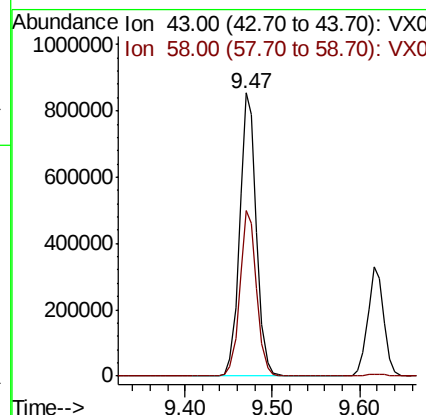
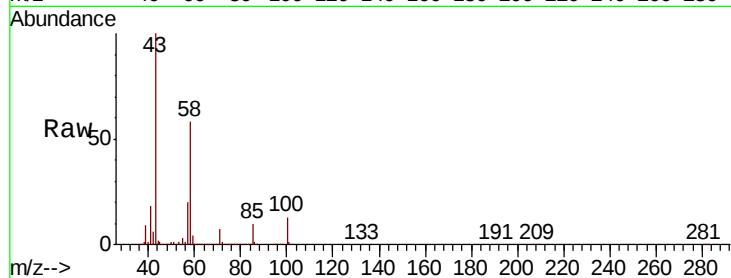




#59
2-Hexanone
Concen: 239.622 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

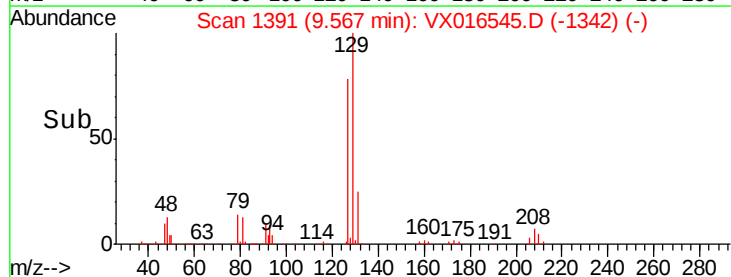
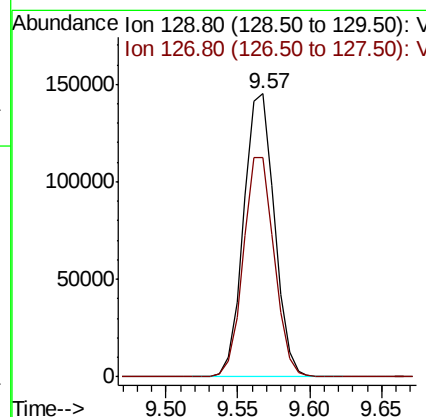
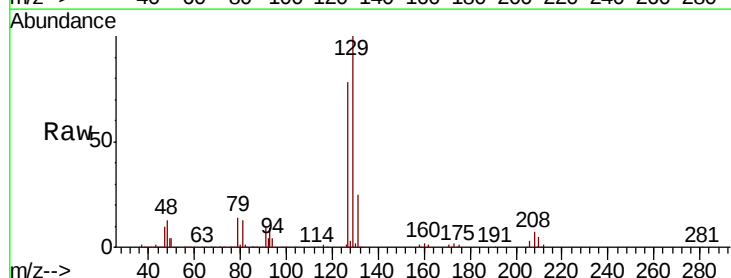
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

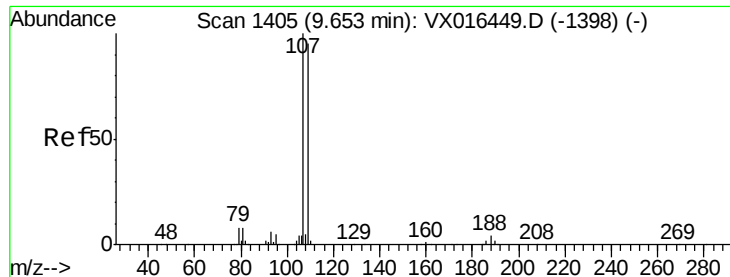
Tot Ion: 43 Resp: 1139365
Ion Ratio Lower Upper
43 100
58 58.4 28.8 86.4



#60
Dibromochloromethane
Concen: 48.750 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 129 Resp: 214789
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.134 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

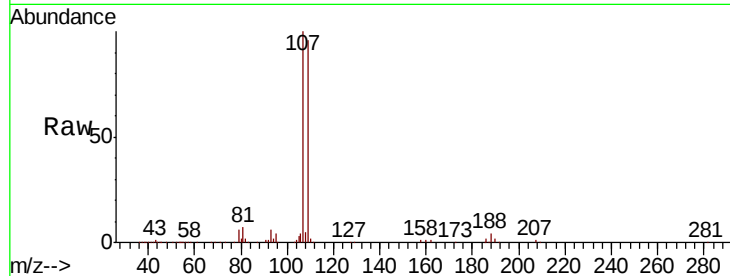
VSTDCCC050

Tot Ion: 107 Resp: 205993

Ion Ratio Lower Upper

107 100

109 94.4 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

150000

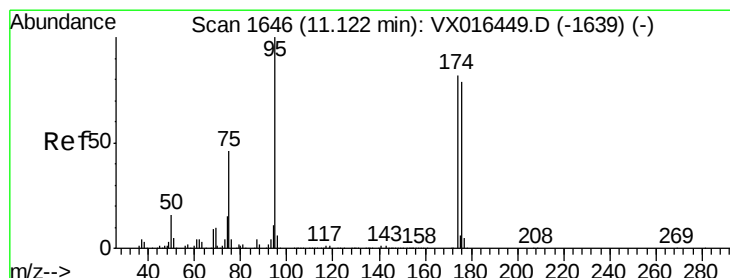
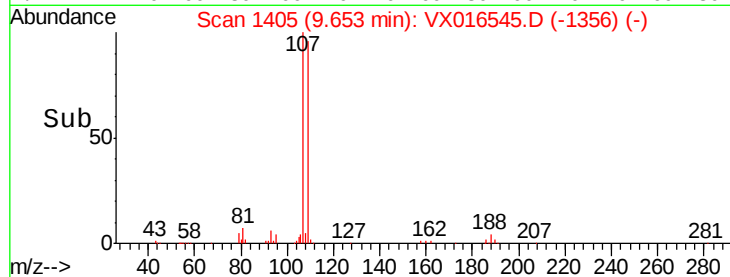
100000

50000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 48.512 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

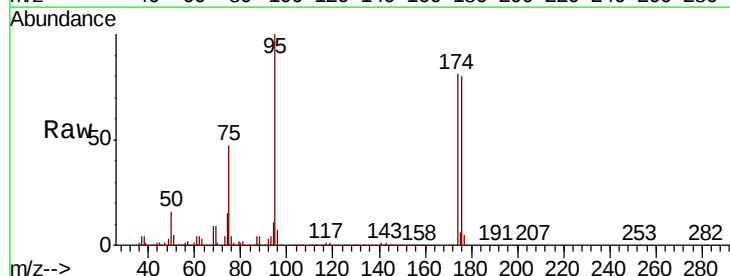
Tgt Ion: 95 Resp: 248797

Ion Ratio Lower Upper

95 100

174 80.4 0.0 163.0

176 78.9 0.0 156.8



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

250000

200000

150000

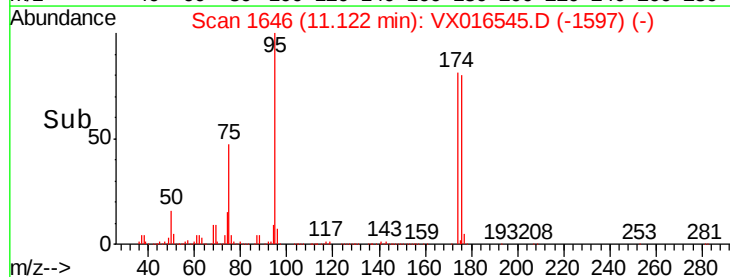
100000

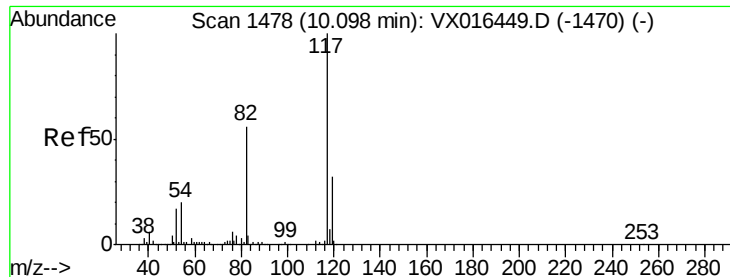
50000

0

11.10 11.12 11.20

Time-->

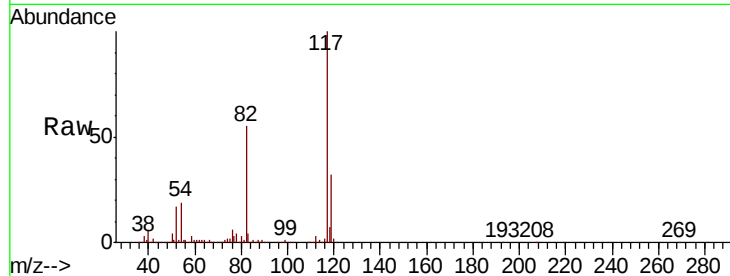




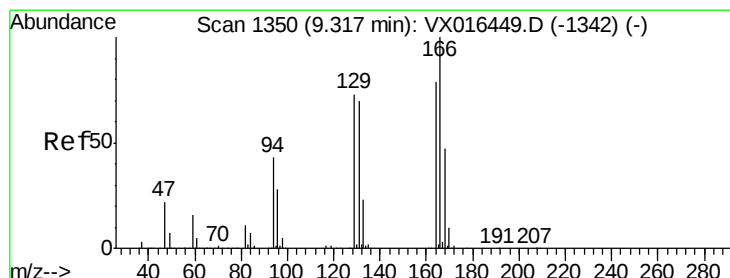
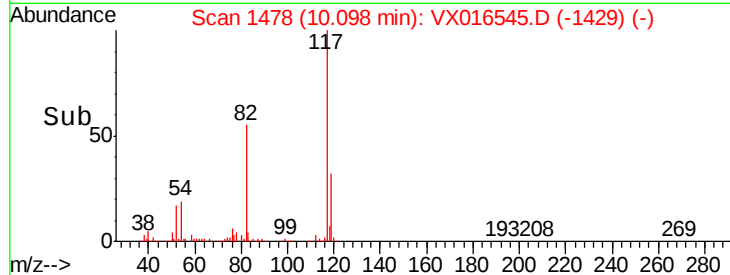
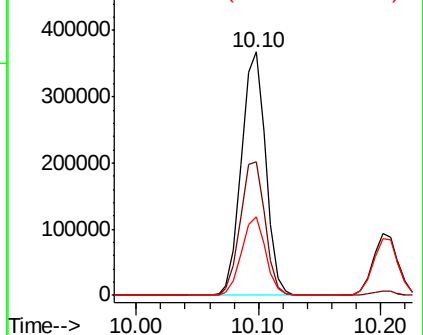
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 504770
Ion Ratio Lower Upper
117 100
82 54.9 45.0 67.6
119 32.3 25.8 38.8

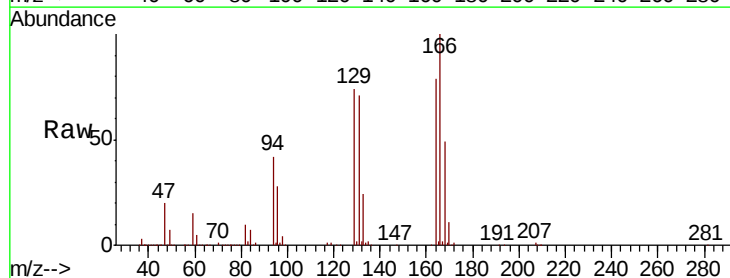


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

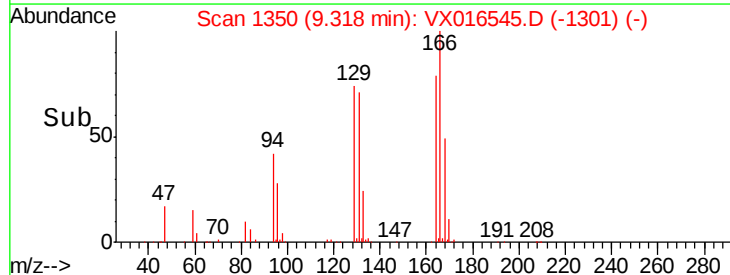
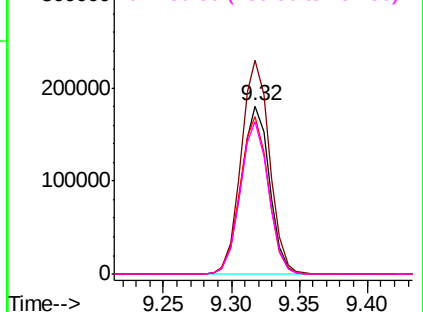


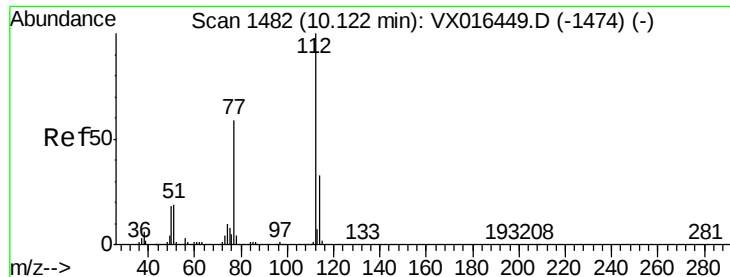
#64
Tetrachloroethene
Concen: 46.290 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:164 Resp: 261411
Ion Ratio Lower Upper
164 100
166 127.1 100.9 151.3
129 93.6 73.2 109.8
131 90.7 70.8 106.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.014 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

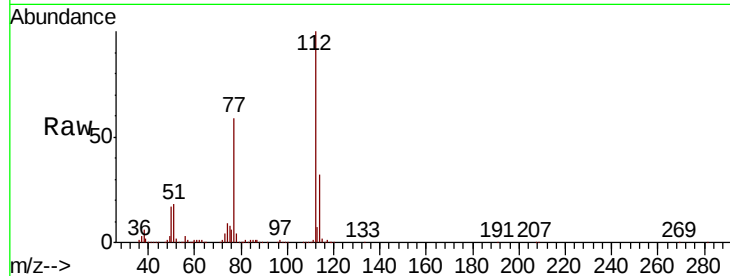
VSTDCCC050

Tot Ion:112 Resp: 514690

Ion Ratio Lower Upper

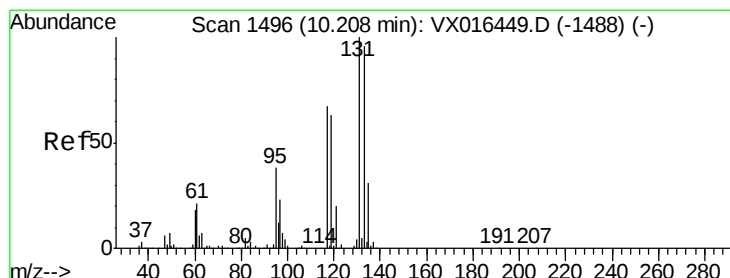
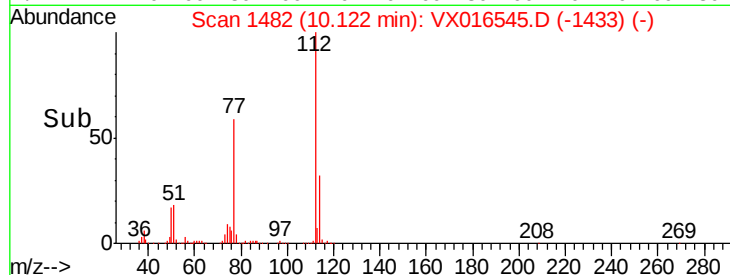
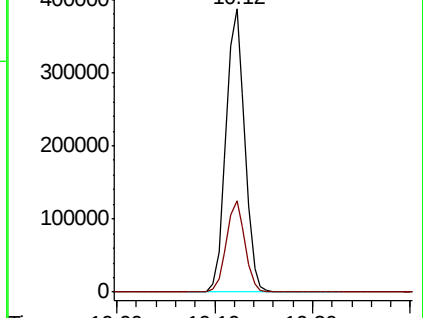
112 100

114 32.3 26.0 39.0



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: 49.570 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

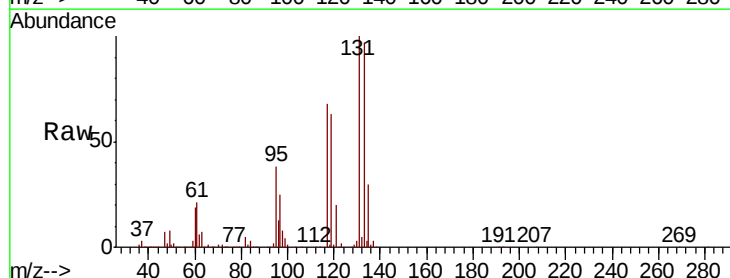
Tgt Ion:131 Resp: 194724

Ion Ratio Lower Upper

131 100

133 96.6 48.4 145.3

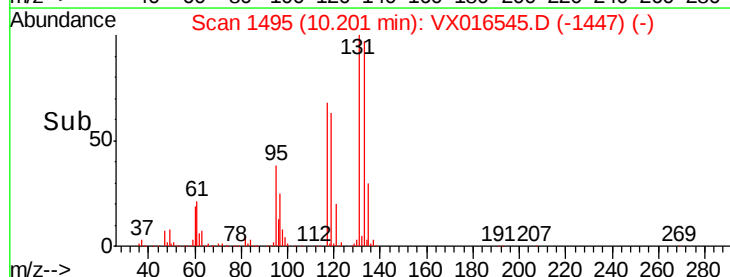
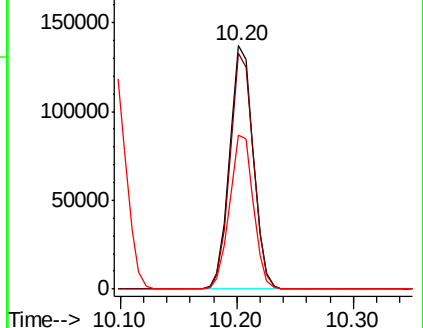
119 63.7 32.0 96.2

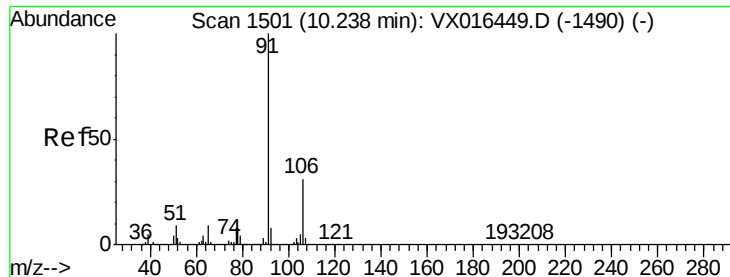


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

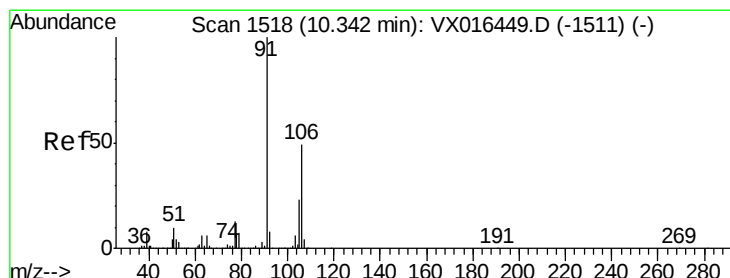
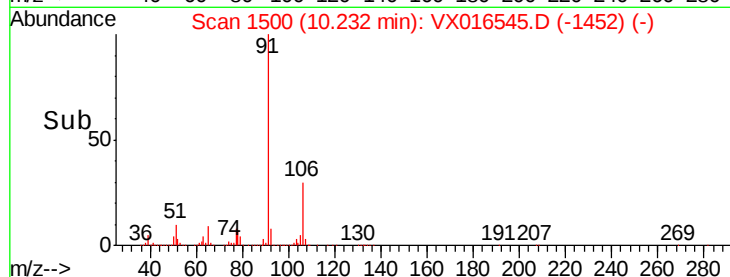
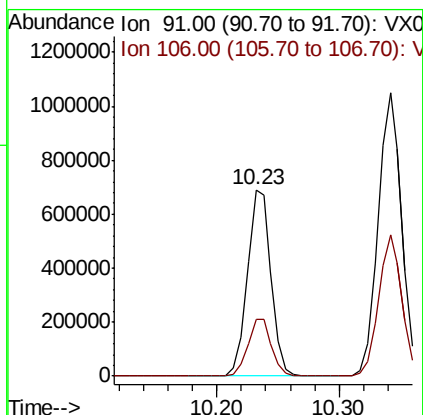
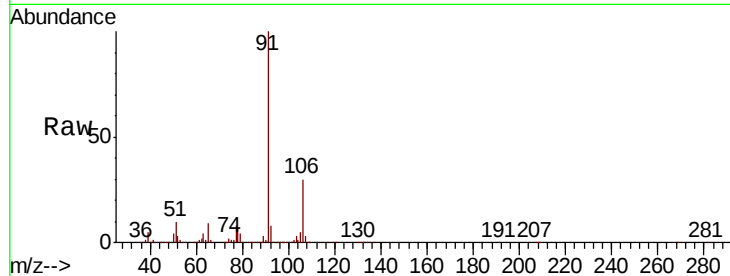




#67
Ethyl Benzene
Concen: 50.226 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

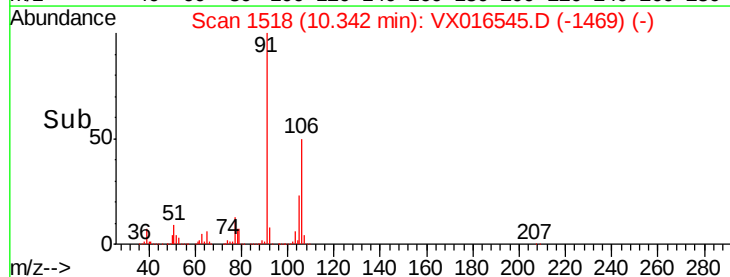
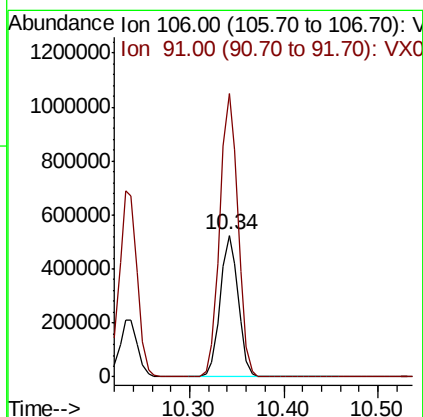
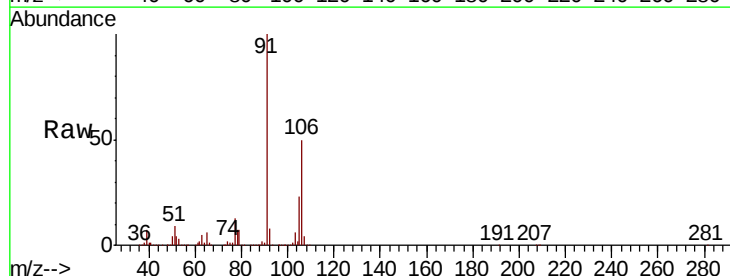
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

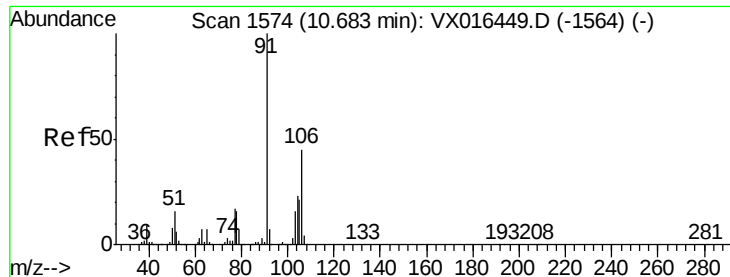
Tot Ion: 91 Resp: 920239
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4



#68
m/p-Xylenes
Concen: 102.098 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 106 Resp: 693583
Ion Ratio Lower Upper
106 100
91 202.7 163.8 245.8

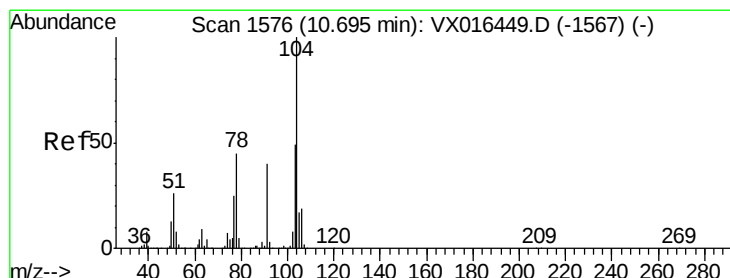
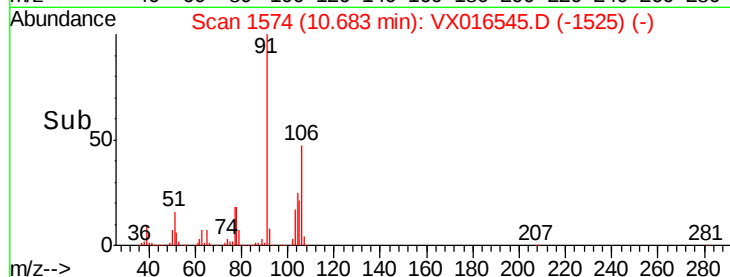
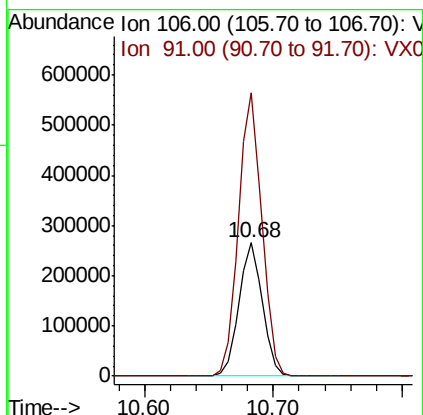
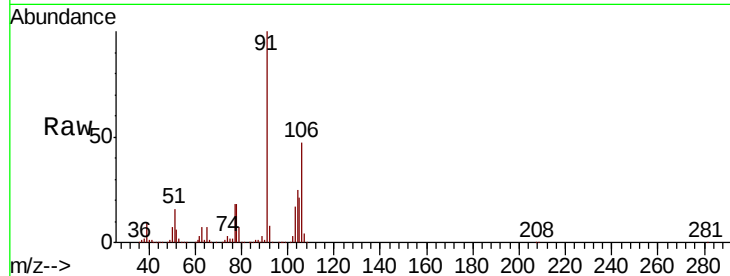




#69
o-Xylene
Concen: 50.807 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

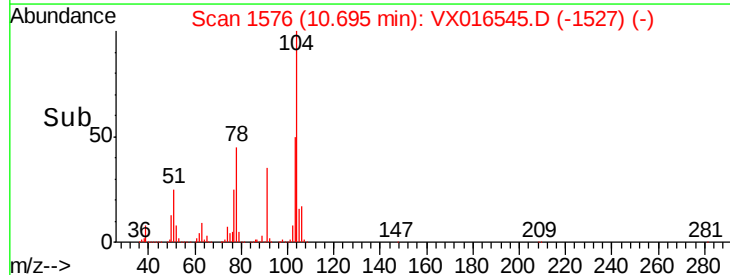
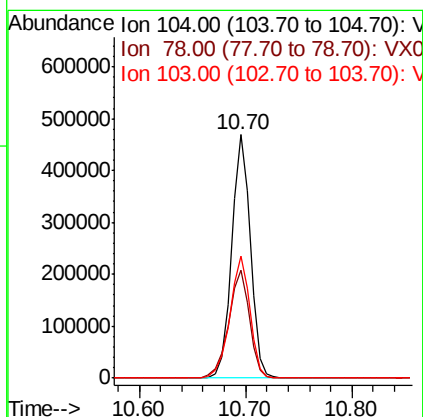
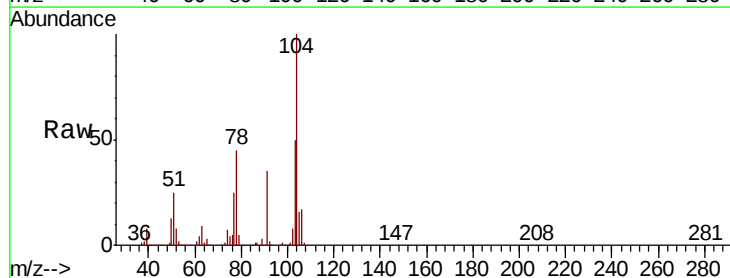
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

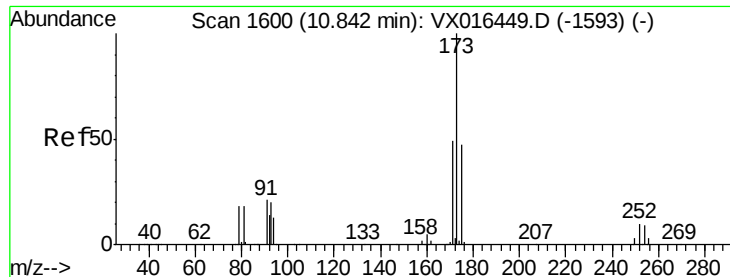
Tot Ion:106 Resp: 334262
Ion Ratio Lower Upper
106 100
91 213.0 109.6 328.8



#70
Styrene
Concen: 51.179 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:104 Resp: 578758
Ion Ratio Lower Upper
104 100
78 49.5 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 49.577 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

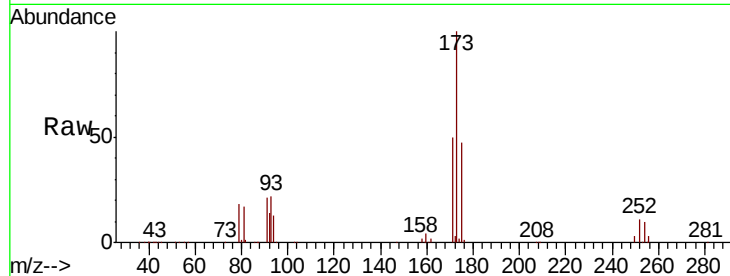
Tot Ion:173 Resp: 164592

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.7

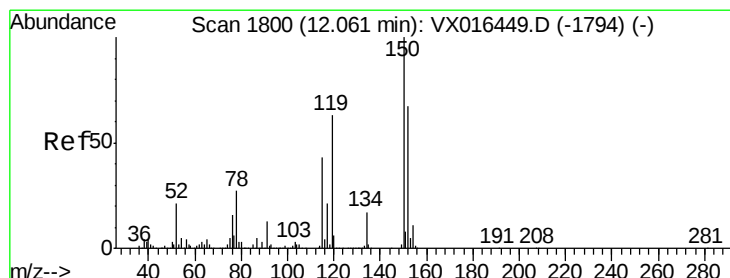
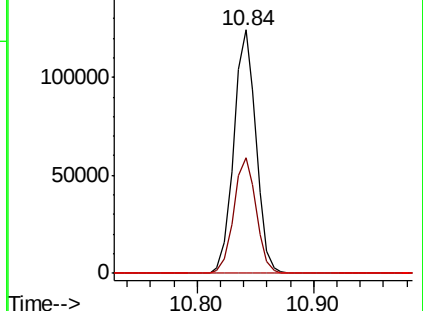
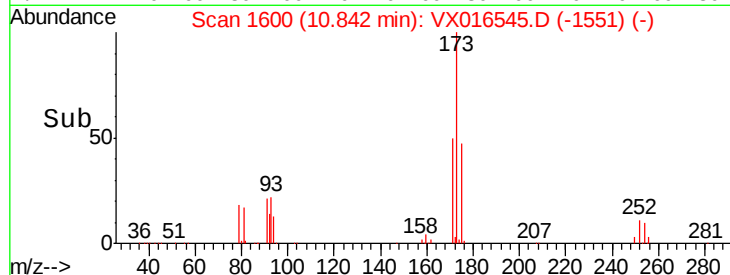
254 0.1 0.1 0.1#



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: VX016545.D

Acq: 02 Jun 2020 10:19

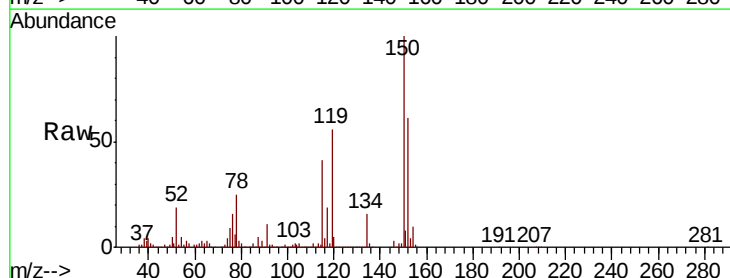
Tgt Ion:152 Resp: 243002

Ion Ratio Lower Upper

152 100

115 80.7 39.9 119.6

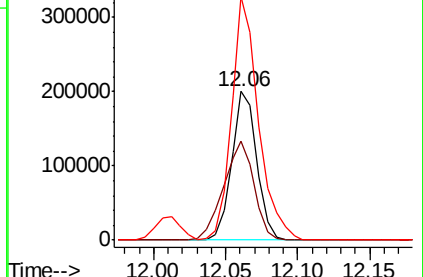
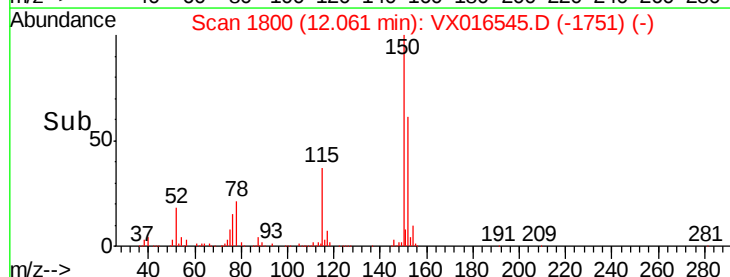
150 175.5 0.0 341.0

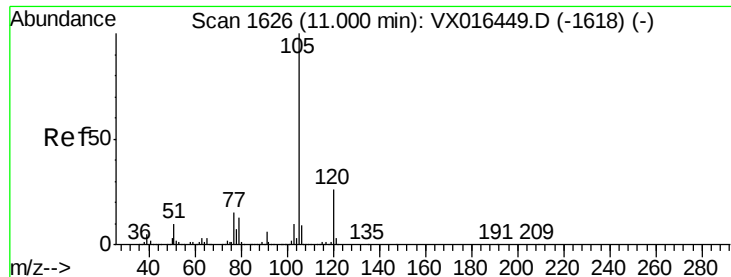


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.001 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

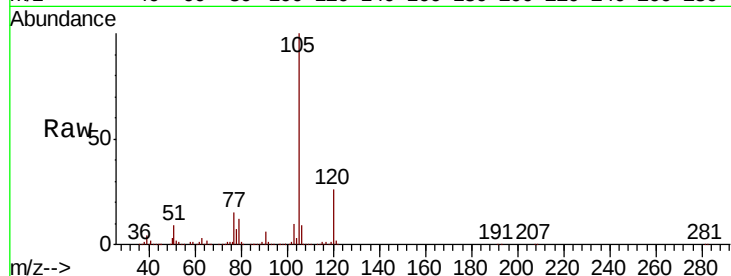
VSTDCCC050

Tot Ion:105 Resp: 875548

Ion Ratio Lower Upper

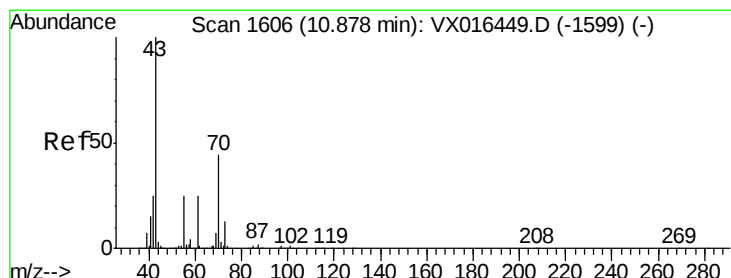
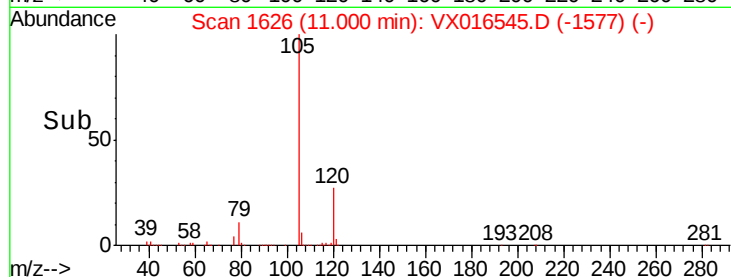
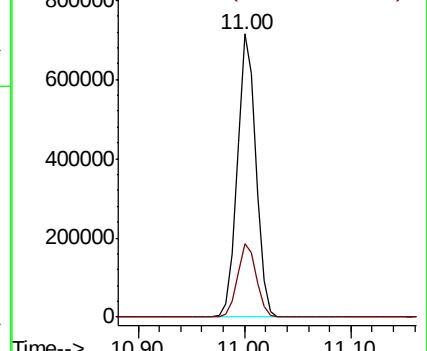
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.853 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Tgt Ion: 43 Resp: 401581

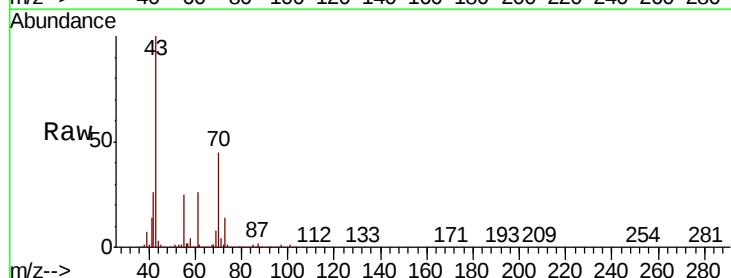
Ion Ratio Lower Upper

43 100

70 46.2 36.1 54.1

55 25.1 20.2 30.4

61 26.3 20.3 30.5

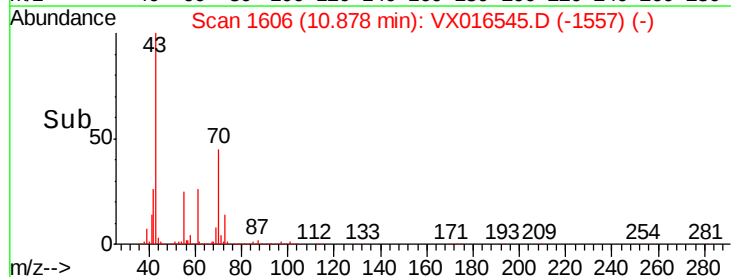
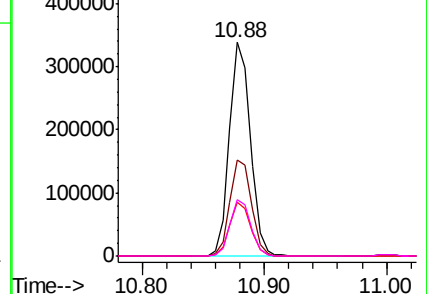


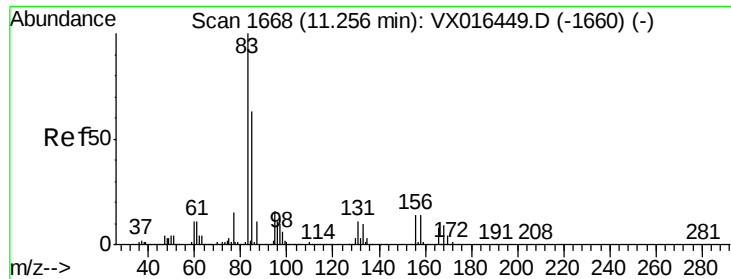
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.859 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

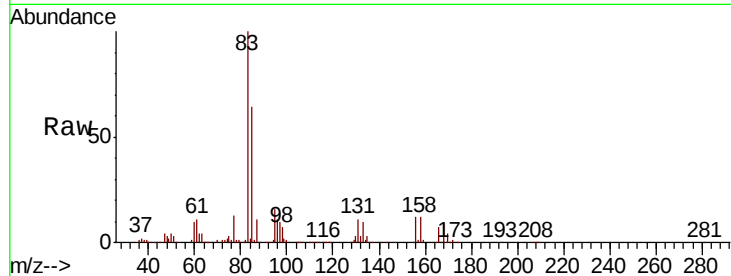
Tot Ion: 83 Resp: 227270

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

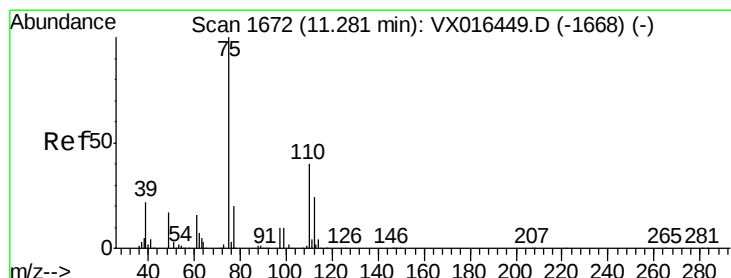
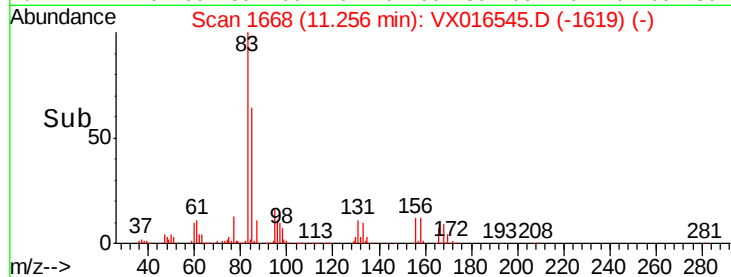
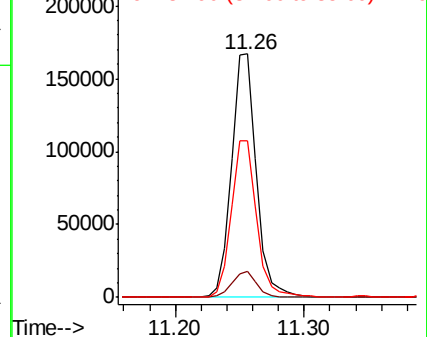
85 65.2 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.218 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016545.D

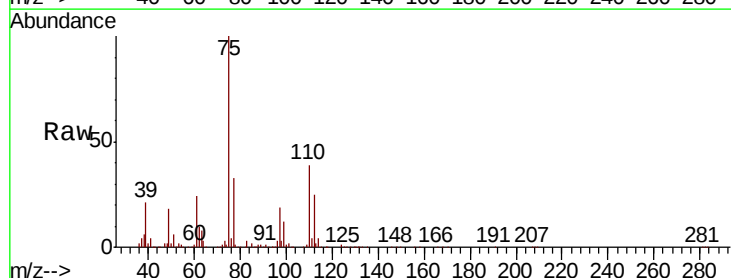
Acq: 02 Jun 2020 10:19

Tgt Ion: 75 Resp: 359032

Ion Ratio Lower Upper

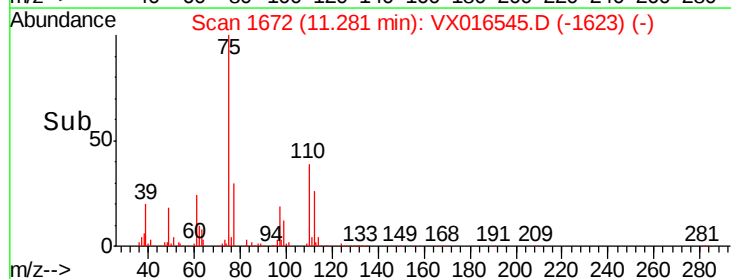
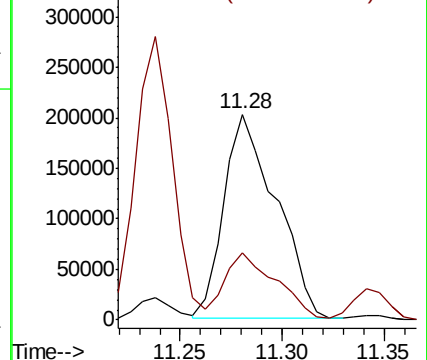
75 100

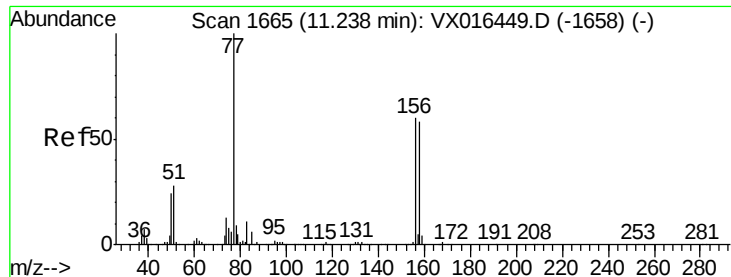
77 32.5 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.659 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

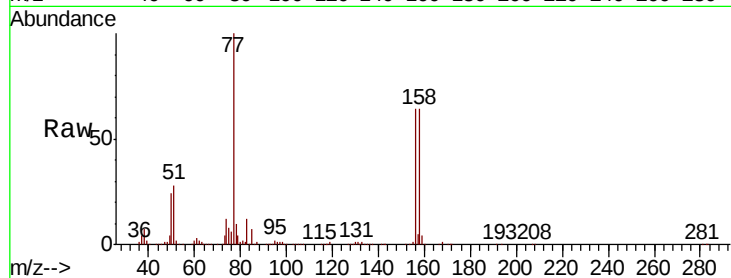
Tot Ion:156 Resp: 223713

Ion Ratio Lower Upper

156 100

77 158.0 79.6 238.8

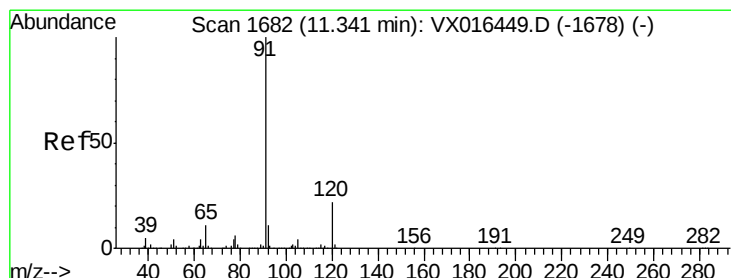
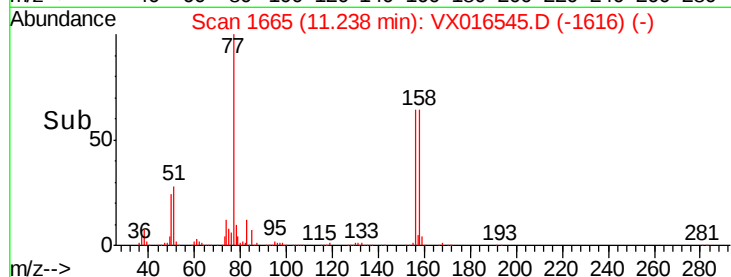
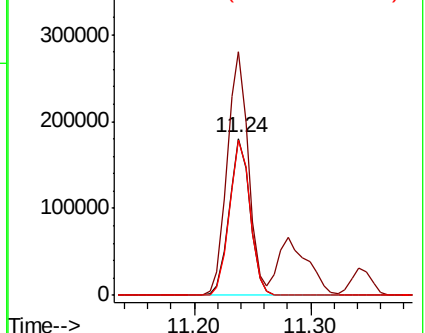
158 98.9 48.1 144.4



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: 52.384 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016545.D

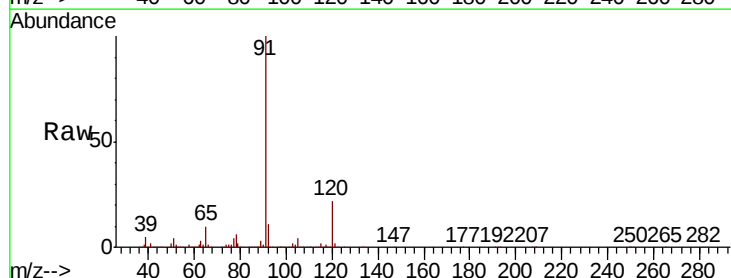
Acq: 02 Jun 2020 10:19

Tgt Ion: 91 Resp: 985373

Ion Ratio Lower Upper

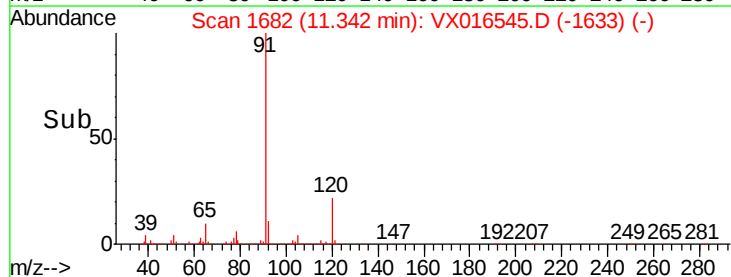
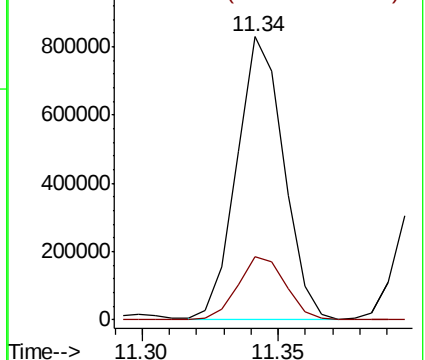
91 100

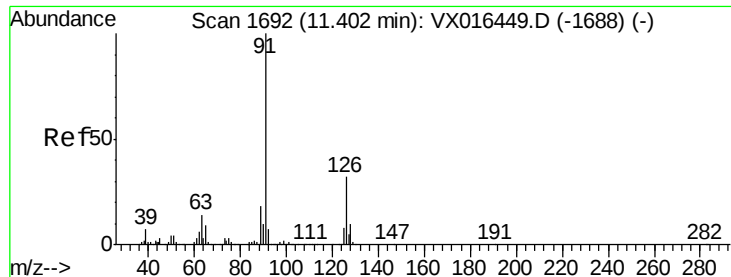
120 23.0 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.307 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

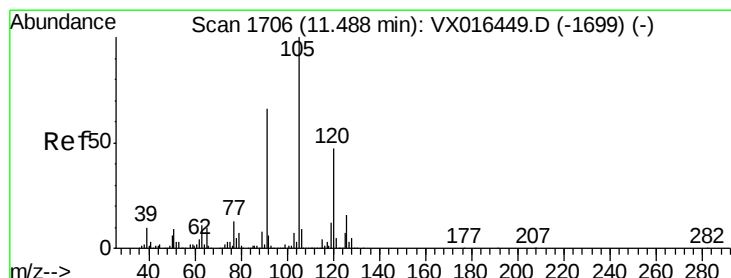
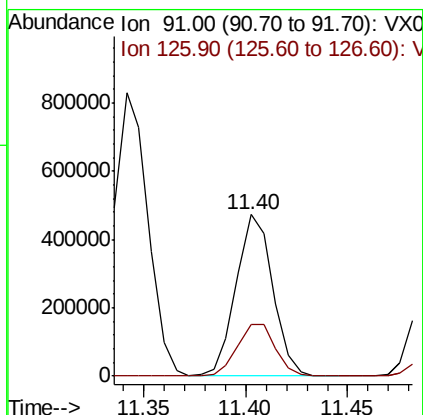
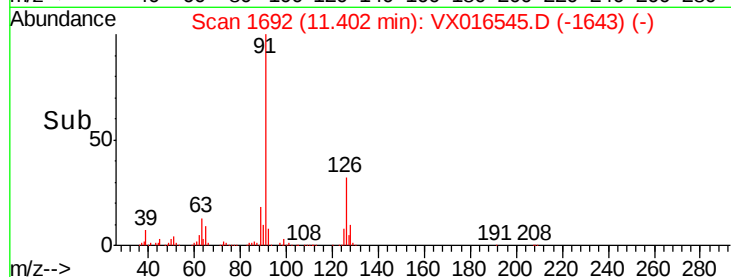
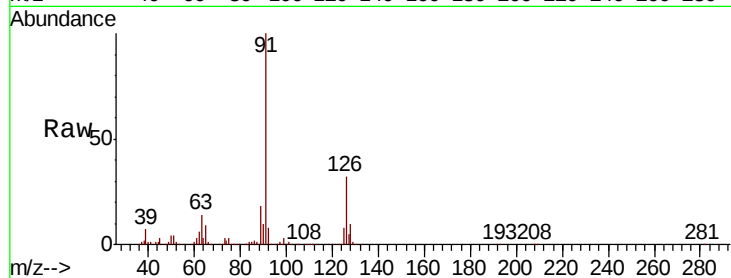
VSTDCCC050

Tot Ion: 91 Resp: 589110

Ion Ratio Lower Upper

91 100

126 33.8 16.8 50.3



#80

1,3,5-Trimethylbenzene

Concen: 51.604 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016545.D

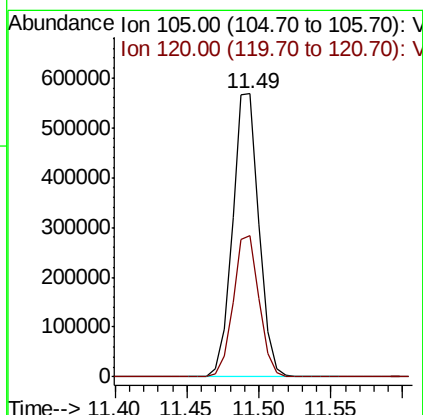
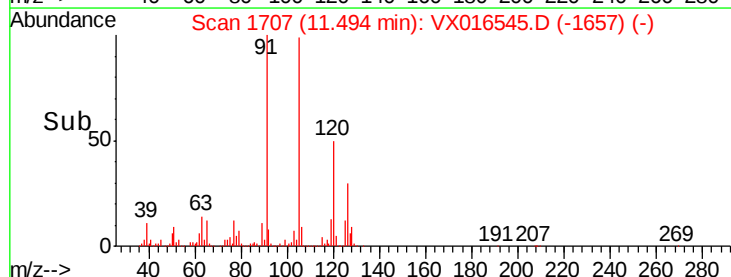
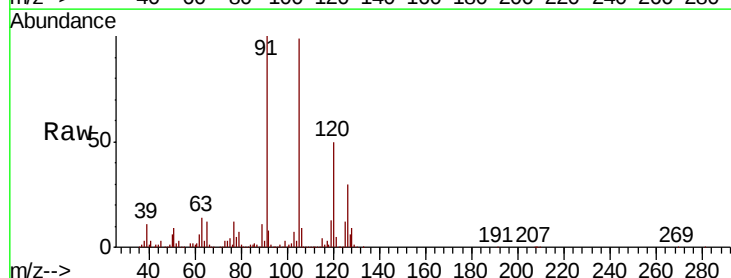
Acq: 02 Jun 2020 10:19

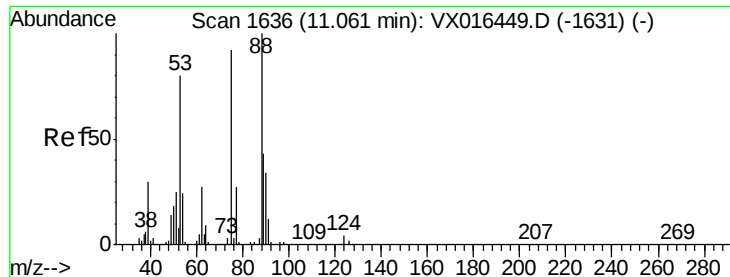
Tgt Ion: 105 Resp: 725484

Ion Ratio Lower Upper

105 100

120 49.3 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.756 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

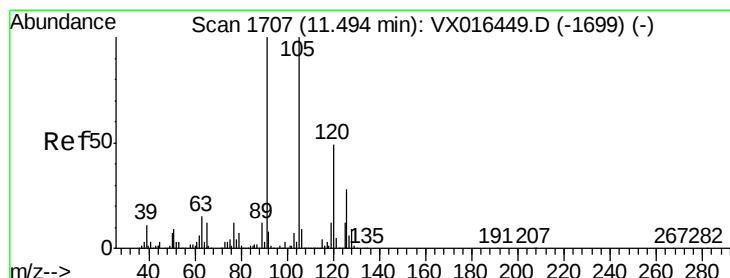
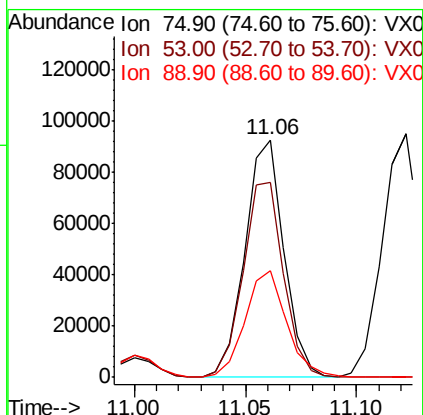
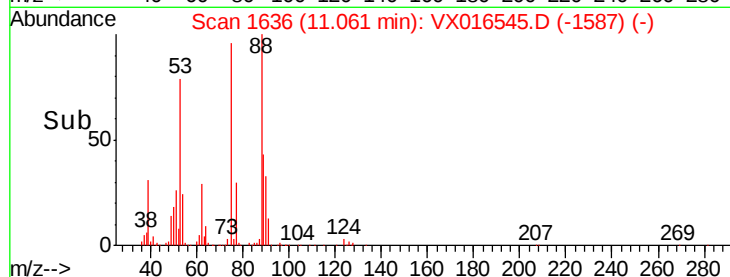
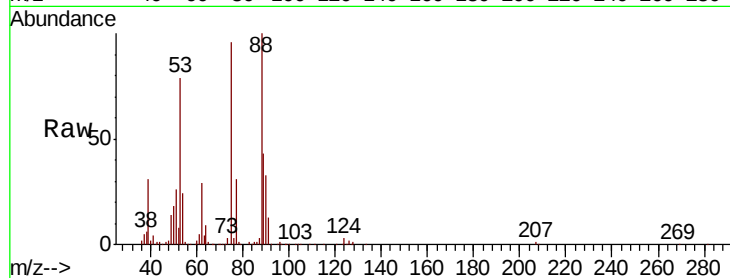
Tot Ion: 75 Resp: 112383

Ion Ratio Lower Upper

75 100

53 85.5 71.3 106.9

89 48.4 36.6 55.0



#82

4-Chlorotoluene

Concen: 51.498 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016545.D

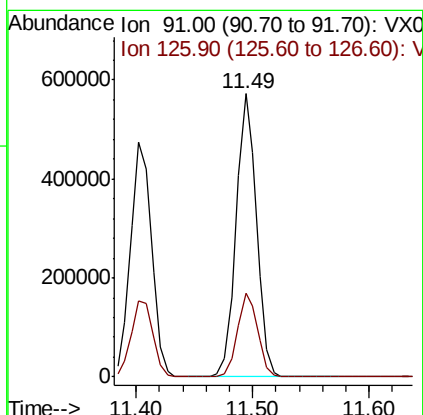
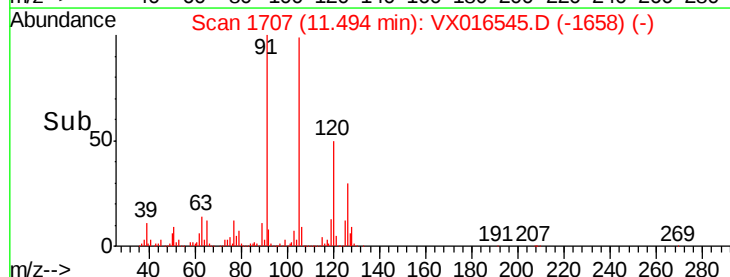
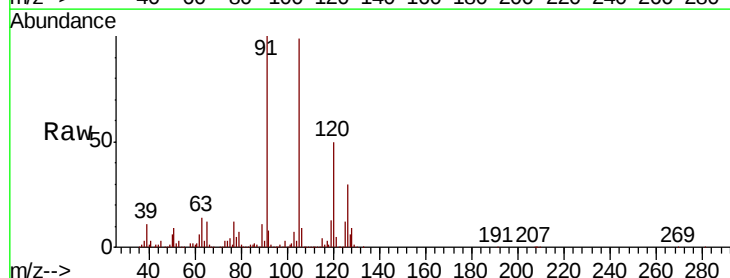
Acq: 02 Jun 2020 10:19

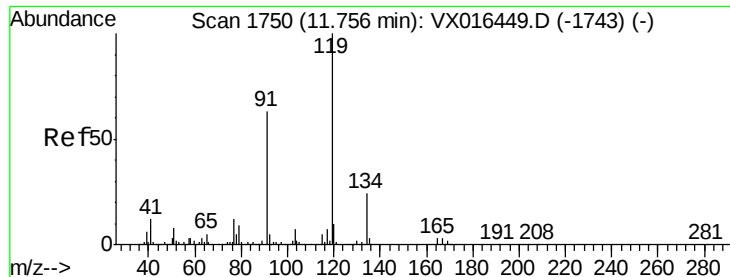
Tgt Ion: 91 Resp: 698264

Ion Ratio Lower Upper

91 100

126 29.5 14.7 44.1





#83

tert-Butylbenzene

Concen: 52.375 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

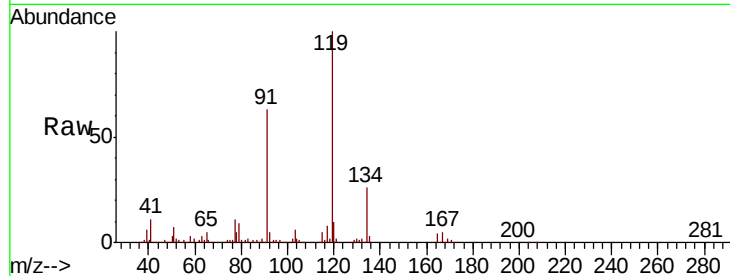
Tot Ion:119 Resp: 629164

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

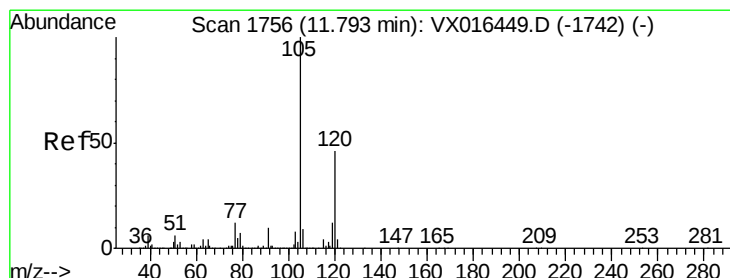
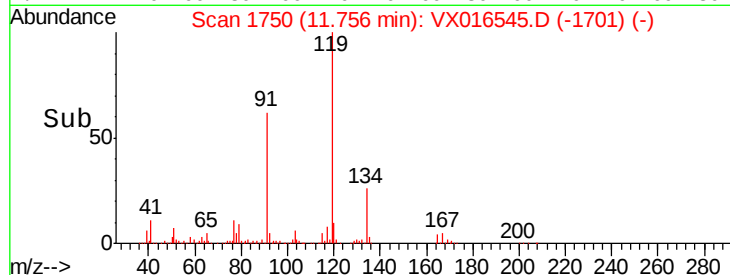
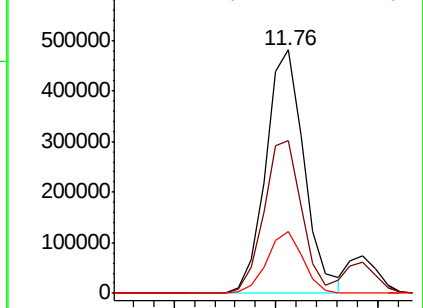
134 24.0 12.0 36.0



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: 51.680 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016545.D

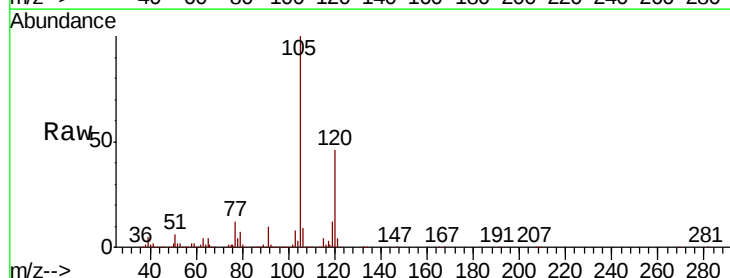
Acq: 02 Jun 2020 10:19

Tgt Ion:105 Resp: 734785

Ion Ratio Lower Upper

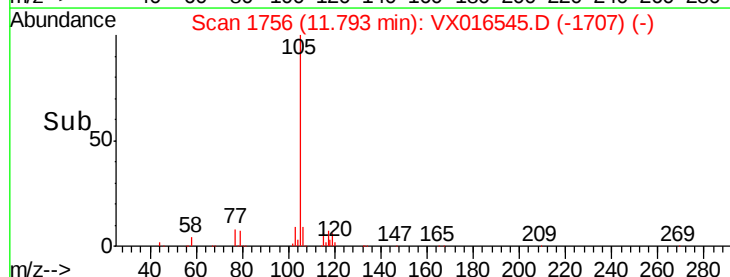
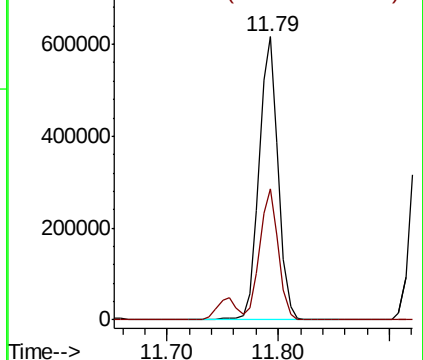
105 100

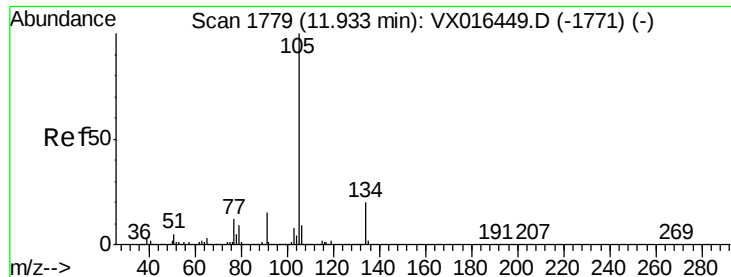
120 45.4 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

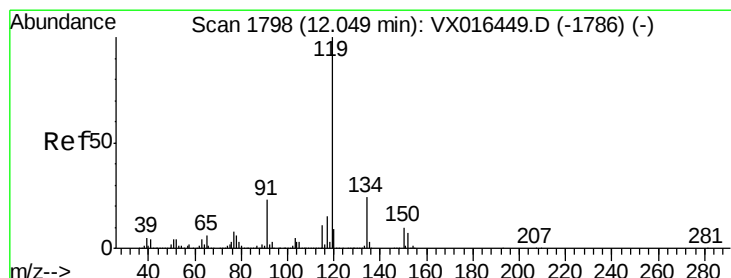
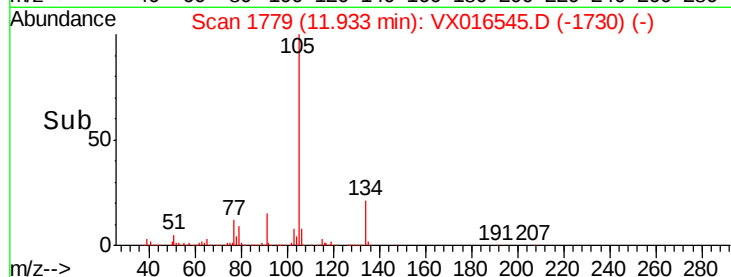
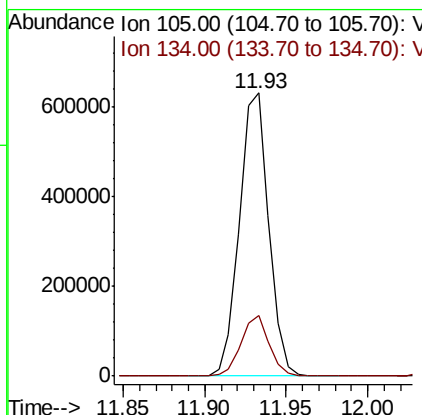
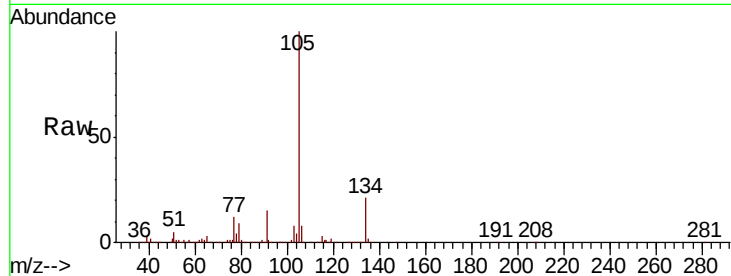




#85
 sec-Butylbenzene
 Concen: 52.427 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

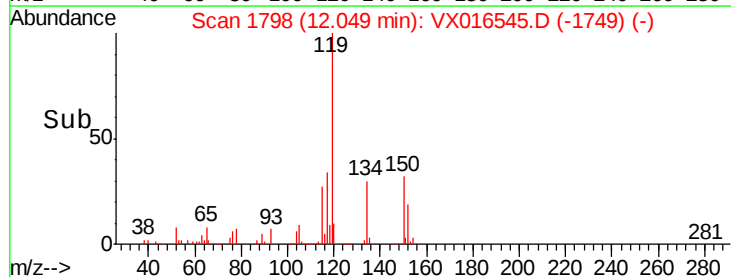
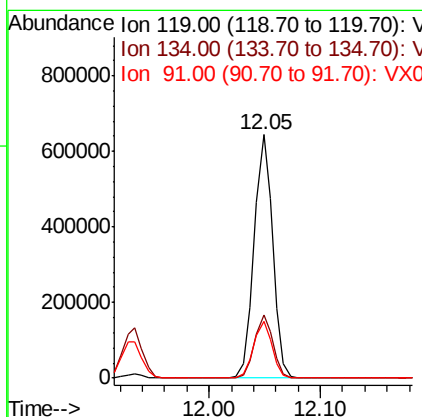
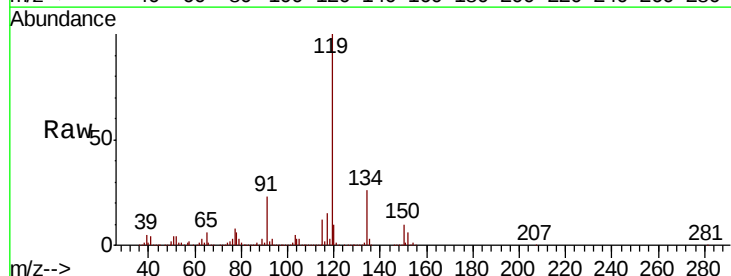
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

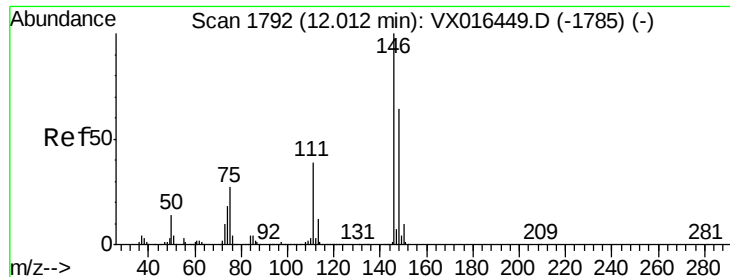
Tot Ion:105 Resp: 790048
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 53.070 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion:119 Resp: 749134
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.0
 91 23.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.142 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

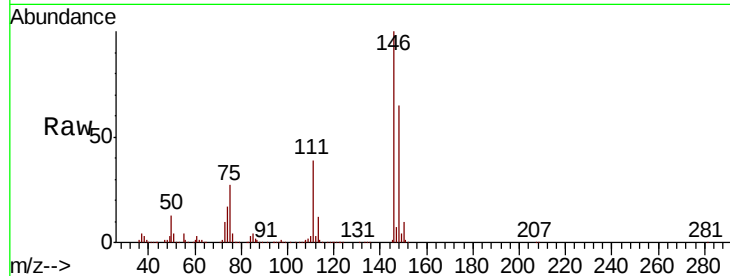
Tot Ion:146 Resp: 391273

Ion Ratio Lower Upper

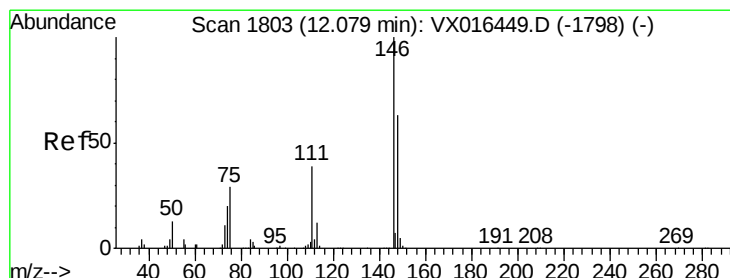
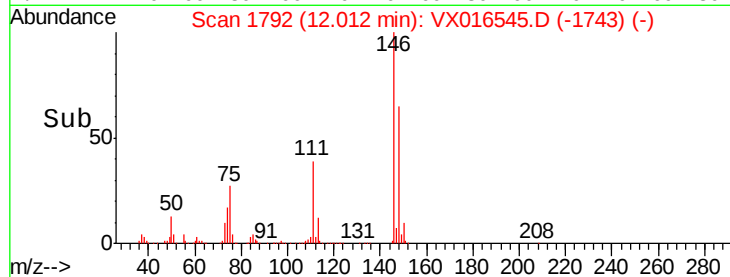
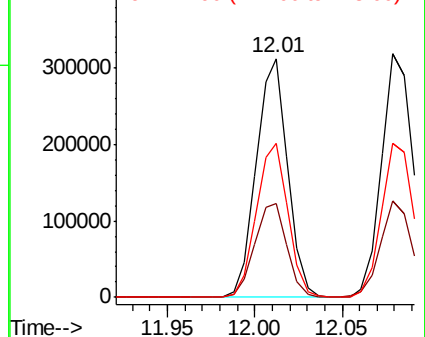
146 100

111 40.6 20.0 60.0

148 65.0 31.9 95.5



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: 50.826 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

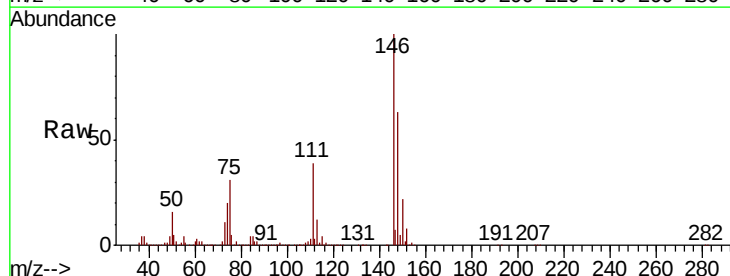
Tgt Ion:146 Resp: 397700

Ion Ratio Lower Upper

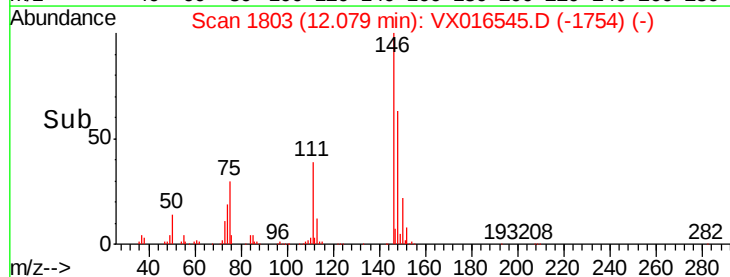
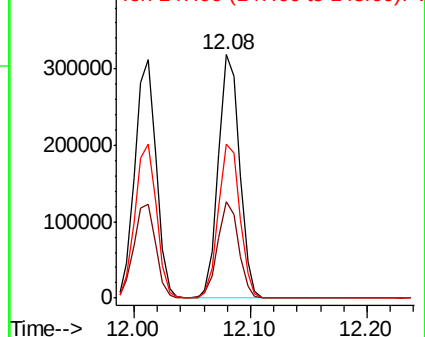
146 100

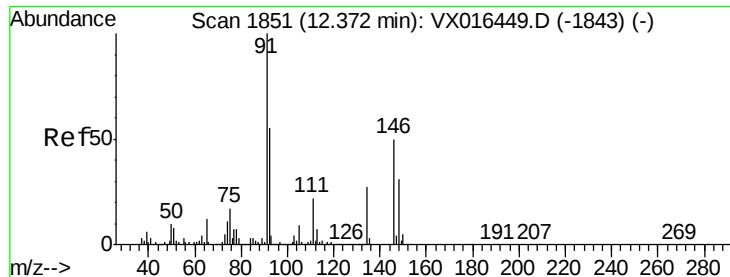
111 39.0 19.4 58.2

148 64.3 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

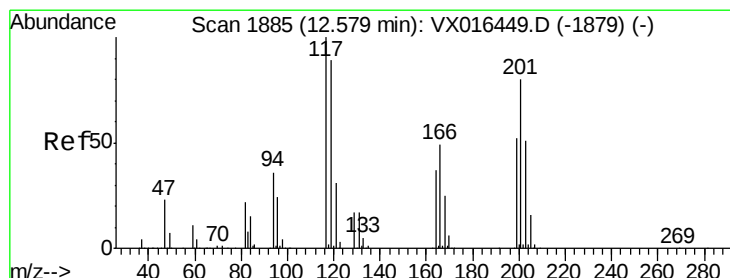
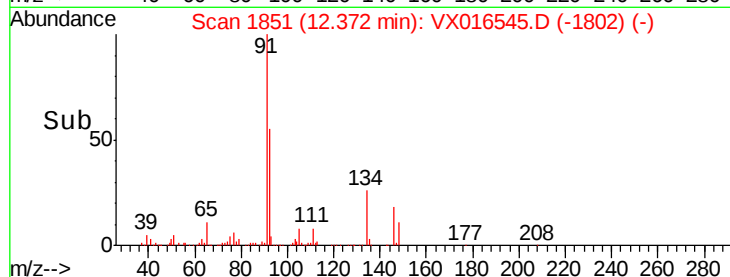
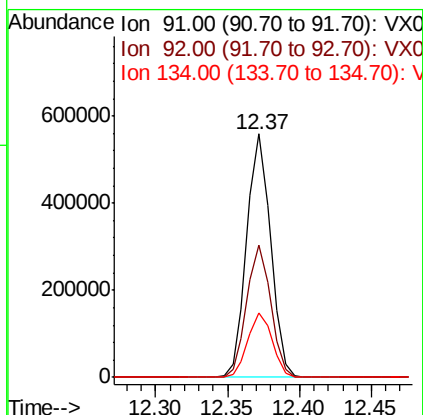
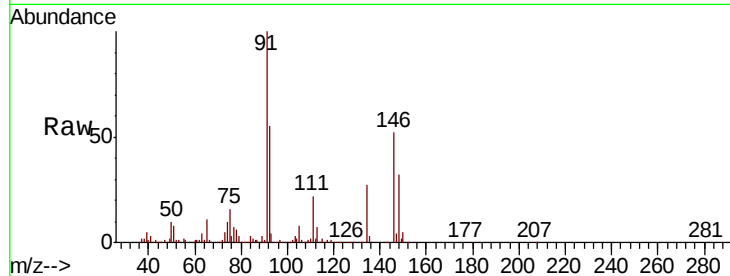




#89
n-Butylbenzene
Concen: 54.610 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

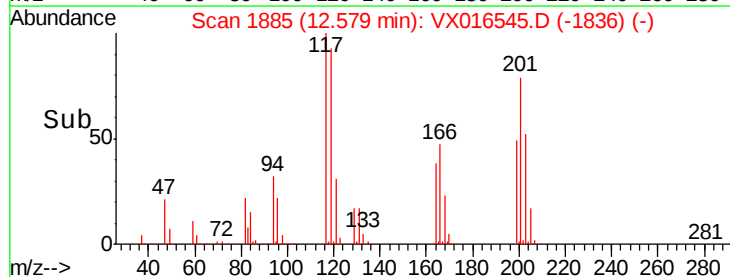
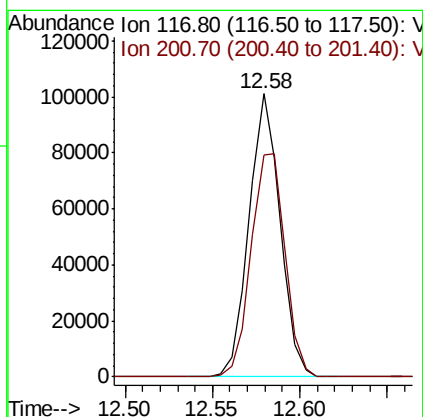
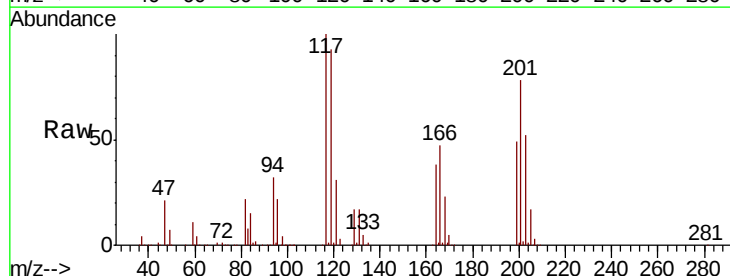
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

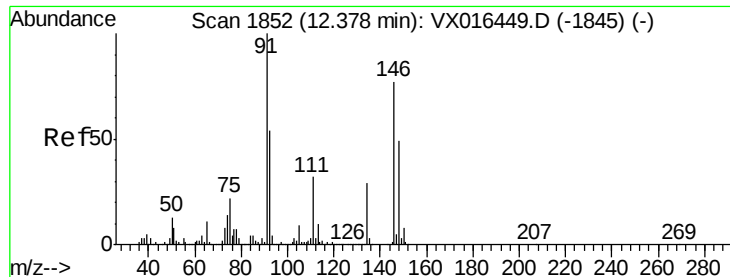
Tot Ion: 91 Resp: 642085
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 27.0 13.1 39.3



#90
Hexachloroethane
Concen: 51.552 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion: 117 Resp: 125697
Ion Ratio Lower Upper
117 100
201 86.3 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 51.278 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

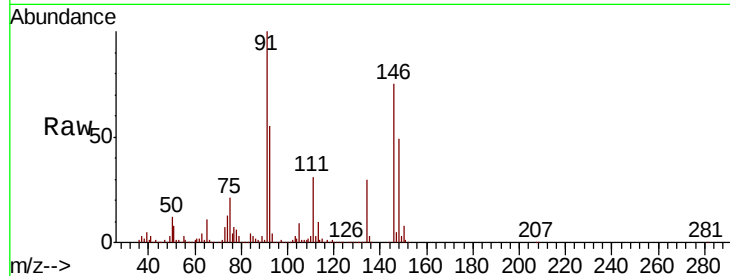
Tot Ion:146 Resp: 380089

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

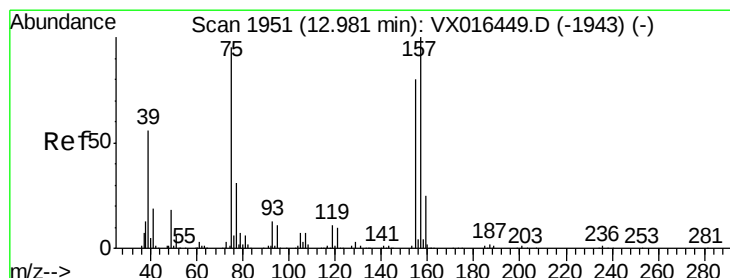
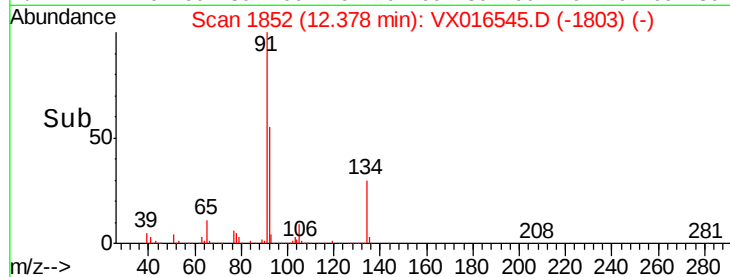
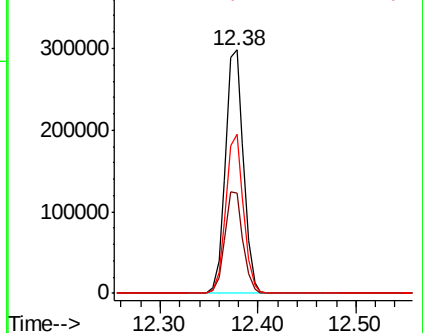
148 63.9 31.9 95.7



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: 46.970 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016545.D

Acq: 02 Jun 2020 10:19

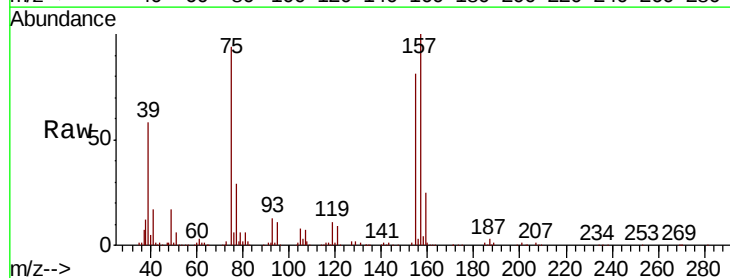
Tgt Ion: 75 Resp: 64199

Ion Ratio Lower Upper

75 100

155 90.9 44.1 132.4

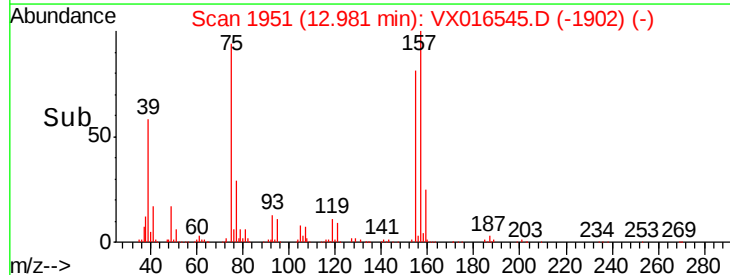
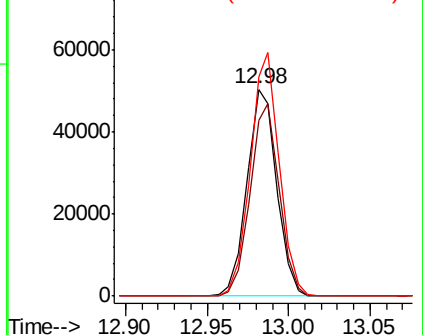
157 114.3 57.8 173.3

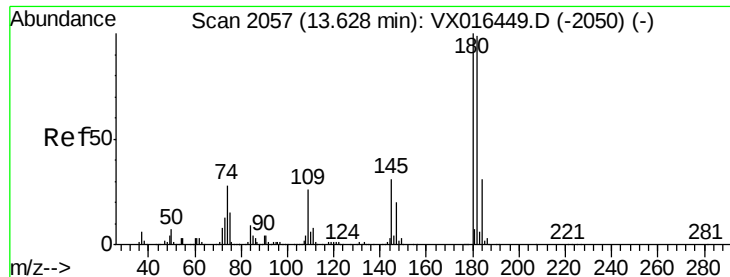


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

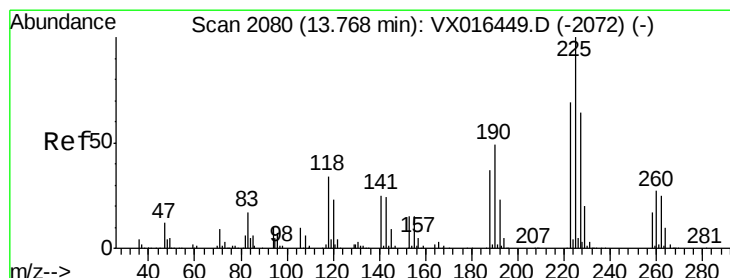
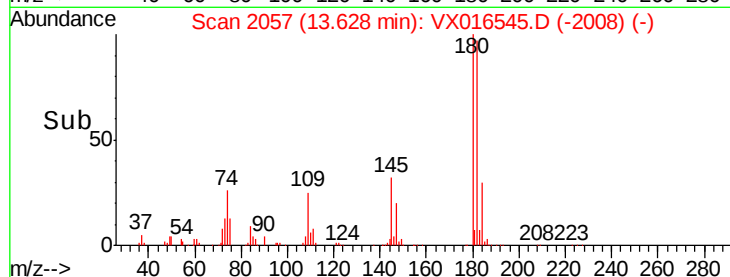
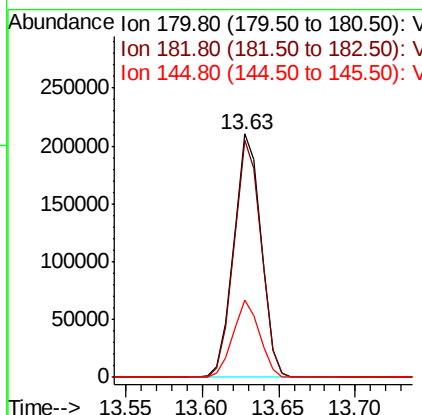
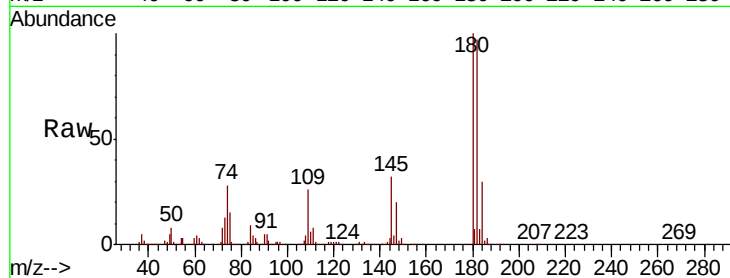




#93
 1,2,4-Trichlorobenzene
 Concen: 52.741 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

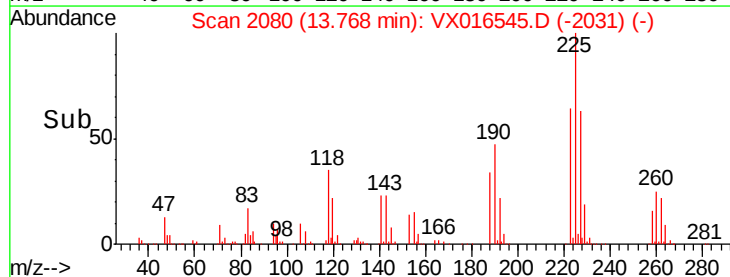
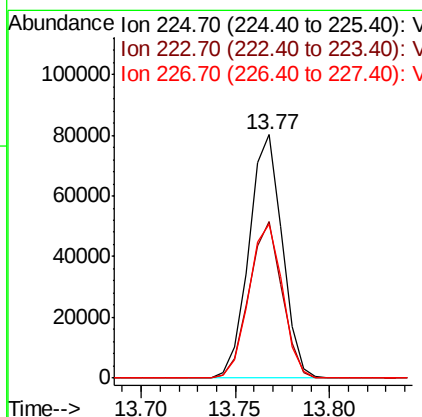
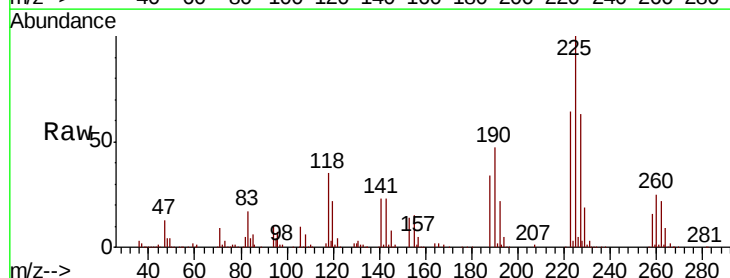
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

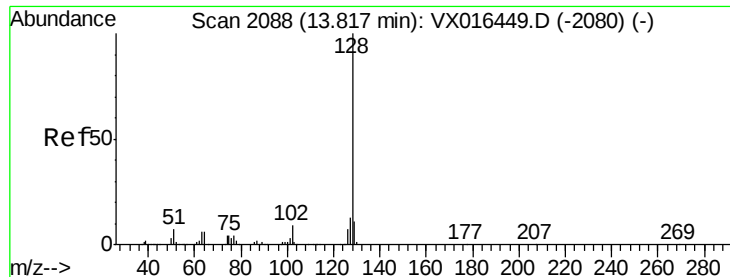
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	48.3	144.8
145	30.8	15.4	46.2



#94
 Hexachlorobutadiene
 Concen: 50.848 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016545.D
 Acq: 02 Jun 2020 10:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	32.3	96.8
227	63.9	31.6	94.7

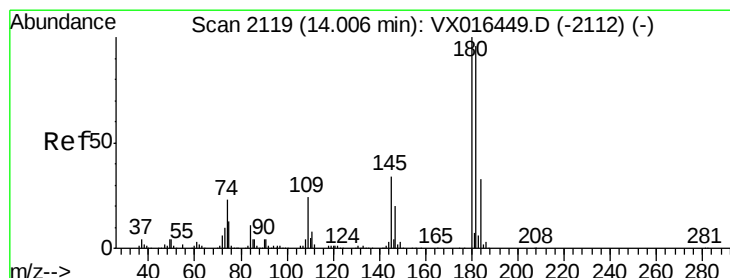
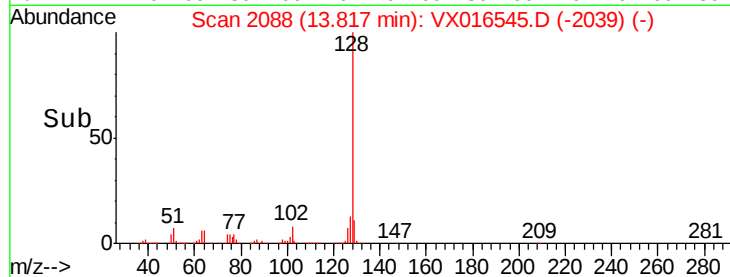
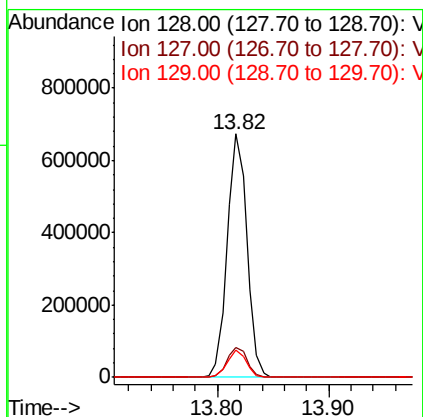
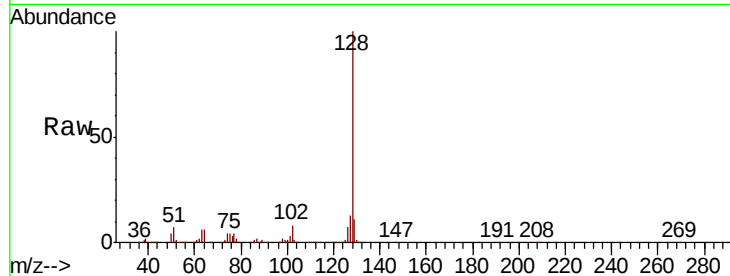




#95
Naphthalene
Concen: 48.682 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 821572
Ion Ratio Lower Upper
128 100
127 12.8 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 52.112 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016545.D
Acq: 02 Jun 2020 10:19

Tgt Ion:180 Resp: 251329
Ion Ratio Lower Upper
180 100
182 93.0 48.6 145.8
145 31.6 16.6 49.8

