

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019066.D
 Acq On : 23 Oct 2020 06:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 08:43:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	361264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191759	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	133219	49.37	ug/l	0.00
Spiked Amount			Recovery	=	98.74%	
35) Dibromofluoromethane	5.46	113	117951	48.71	ug/l	0.00
Spiked Amount			Recovery	=	97.42%	
50) Toluene-d8	8.70	98	452879	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.12	95	165246	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	119891	53.431	ug/l	99
3) Chloromethane	1.31	50	103644	46.456	ug/l	100
4) Vinyl Chloride	1.39	62	133172	50.588	ug/l	98
5) Bromomethane	1.63	94	70429	26.804	ug/l	97
6) Chloroethane	1.71	64	86690	46.723	ug/l	100
7) Trichlorofluoromethane	1.92	101	223590	50.260	ug/l	100
8) Diethyl Ether	2.17	74	85041	48.820	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105213	49.923	ug/l	99
10) Methyl Iodide	2.49	142	82504	29.883	ug/l	97
11) Tert butyl alcohol	3.01	59	129916	237.721	ug/l	99
12) 1,1-Dichloroethene	2.35	96	110205	50.262	ug/l	99
13) Acrolein	2.28	56	33329	166.539	ug/l	98
14) Allyl chloride	2.71	41	132543	46.728	ug/l	100
15) Acrylonitrile	3.11	53	255599	241.860	ug/l	100
16) Acetone	2.42	43	217604	236.760	ug/l	100
17) Carbon Disulfide	2.55	76	288585	45.637	ug/l	99
18) Methyl Acetate	2.75	43	121240	53.159	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	351602	50.624	ug/l	99
20) Methylene Chloride	2.84	84	126733	49.530	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	125716	49.137	ug/l	98
22) Diisopropyl ether	3.82	45	280447	50.140	ug/l	97
23) Vinyl Acetate	3.78	43	1301716	245.095	ug/l	99
24) 1,1-Dichloroethane	3.67	63	204078	50.101	ug/l	99
25) 2-Butanone	4.64	43	350458	241.322	ug/l	100
26) 2,2-Dichloropropane	4.55	77	136884	36.396	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	146483	50.449	ug/l	95
28) Bromochloromethane	4.98	49	86719	50.137	ug/l	98
29) Tetrahydrofuran	5.09	42	203171	234.067	ug/l	99
30) Chloroform	5.18	83	227740	51.498	ug/l	97
31) Cyclohexane	5.55	56	156168	49.422	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	204942	51.097	ug/l	99
36) 1,1-Dichloropropene	5.77	75	165106	48.113	ug/l	100
37) Ethyl Acetate	4.79	43	140357	47.921	ug/l	100
38) Carbon Tetrachloride	5.76	117	176586	49.026	ug/l	97

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Quant Time: Oct 23 08:43:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180869	47.045	ug/l	98
40) Benzene	6.12	78	502788	49.749	ug/l	99
41) Methacrylonitrile	5.00	41	73738	46.868	ug/l	98
42) 1,2-Dichloroethane	6.16	62	174121	50.484	ug/l	99
43) Isopropyl Acetate	6.41	43	240114	48.406	ug/l	99
44) Trichloroethene	7.19	130	144832	49.140	ug/l	94
45) 1,2-Dichloropropane	7.49	63	120619	49.755	ug/l	100
46) Dibromomethane	7.63	93	92587	50.144	ug/l	99
47) Bromodichloromethane	7.88	83	185096	51.128	ug/l	100
48) Methyl methacrylate	7.74	41	114021	46.651	ug/l	99
49) 1,4-Dioxane	7.73	88	51193	927.006	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	716322	245.066	ug/l	100
52) Toluene	8.76	92	337821	50.608	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	191922	46.945	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	204135	47.285	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134211	49.320	ug/l	99
56) Ethyl methacrylate	9.16	69	198697	50.753	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218416	50.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	504612	245.363	ug/l	99
59) 2-Hexanone	9.47	43	535286	245.742	ug/l	100
60) Dibromochloromethane	9.57	129	151859	51.201	ug/l	98
61) 1,2-Dibromoethane	9.65	107	147524	50.669	ug/l	99
64) Tetrachloroethene	9.32	164	133398	48.499	ug/l	92
65) Chlorobenzene	10.12	112	367465	48.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	136675	50.730	ug/l	100
67) Ethyl Benzene	10.24	91	649621	49.733	ug/l	98
68) m/p-Xylenes	10.34	106	504319	100.790	ug/l	99
69) o-Xylene	10.68	106	237330	49.559	ug/l	99
70) Styrene	10.69	104	403767	49.661	ug/l	99
71) Bromoform	10.84	173	107471	49.414	ug/l #	97
73) Isopropylbenzene	11.00	105	640353	46.420	ug/l	99
74) N-amyl acetate	10.88	43	210181	47.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	195936	47.148	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	221562	57.808	ug/l	85
77) Bromobenzene	11.24	156	164856	47.320	ug/l	98
78) n-propylbenzene	11.34	91	722456	46.219	ug/l	100
79) 2-Chlorotoluene	11.40	91	419671	46.022	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	536933	47.134	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59221	39.367	ug/l	99
82) 4-Chlorotoluene	11.49	91	504282	46.476	ug/l	100
83) tert-Butylbenzene	11.76	119	514162	45.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	544225	47.711	ug/l	100
85) sec-Butylbenzene	11.93	105	624550	45.992	ug/l	100
86) p-Isopropyltoluene	12.05	119	577697	46.559	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293465	45.920	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304658	46.453	ug/l	98
89) n-Butylbenzene	12.37	91	510306	44.931	ug/l	100
90) Hexachloroethane	12.58	117	92690	48.796	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	289181	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43477	45.945	ug/l	99

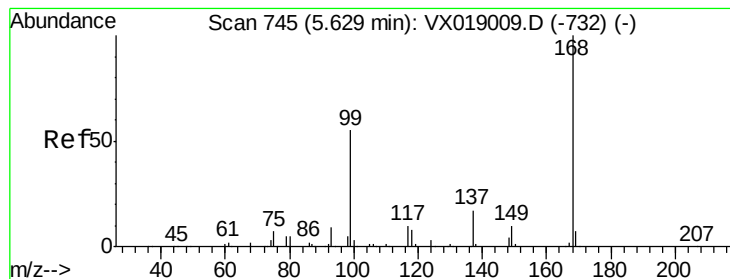
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102220\
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Quant Time: Oct 23 08:43:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198704	45.581	ug/l	97
94) Hexachlorobutadiene	13.76	225	78564	38.873	ug/l	96
95) Naphthalene	13.82	128	663851	48.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	191424	45.112	ug/l	99

(#) = 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: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

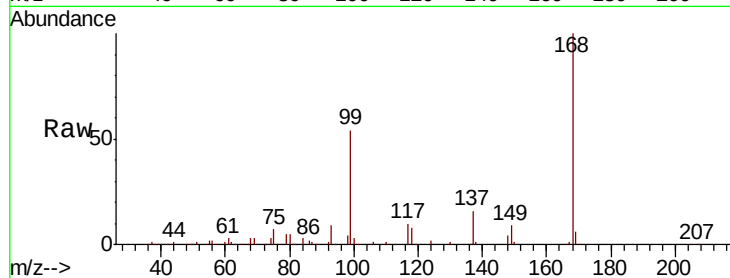
VSTDCCC050EC

Tot Ion:168 Resp: 225269

Ion Ratio Lower Upper

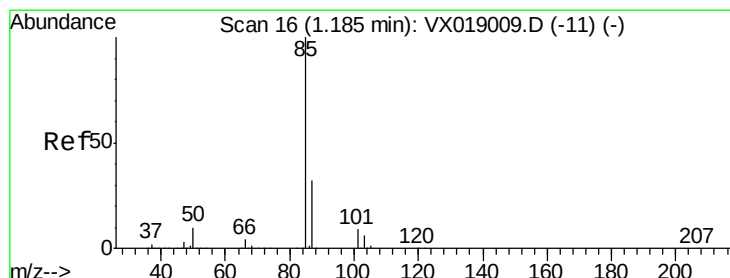
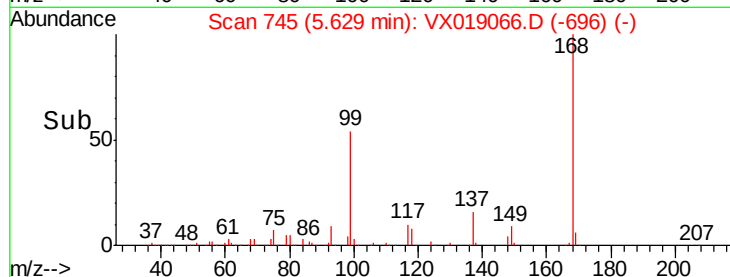
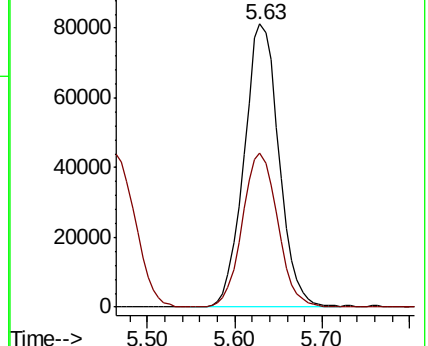
168 100

99 54.2 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.431 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019066.D

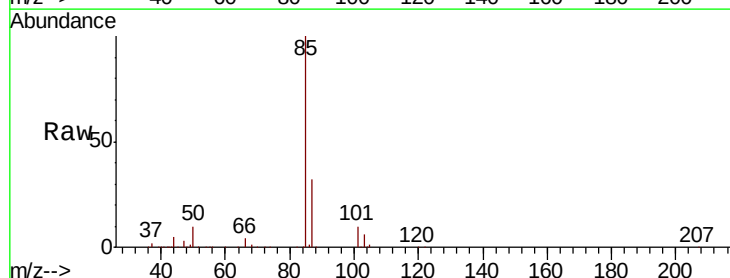
Acq: 23 Oct 2020 06:55

Tgt Ion: 85 Resp: 119891

Ion Ratio Lower Upper

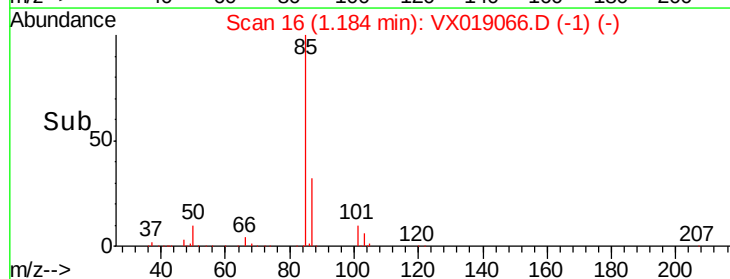
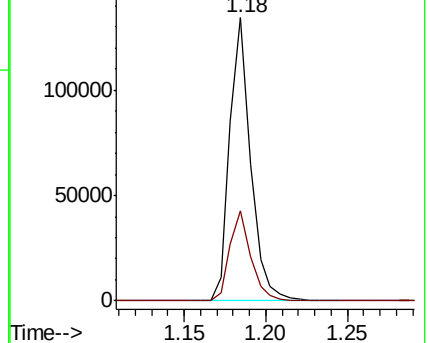
85 100

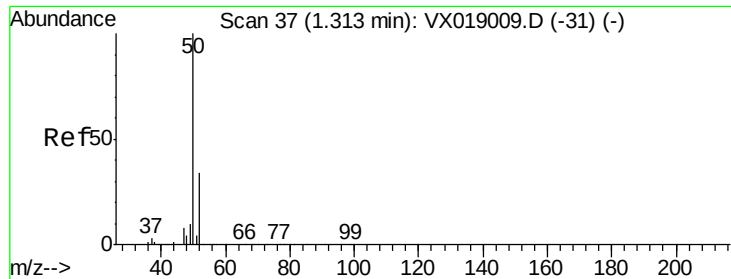
87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.456 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

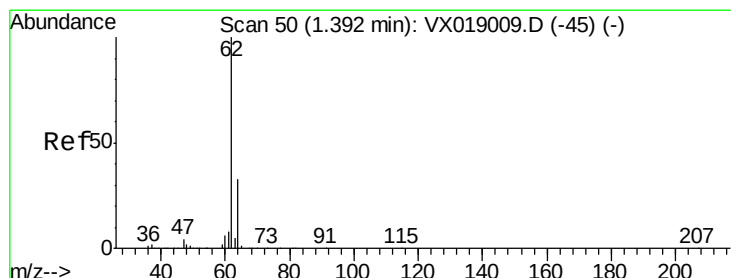
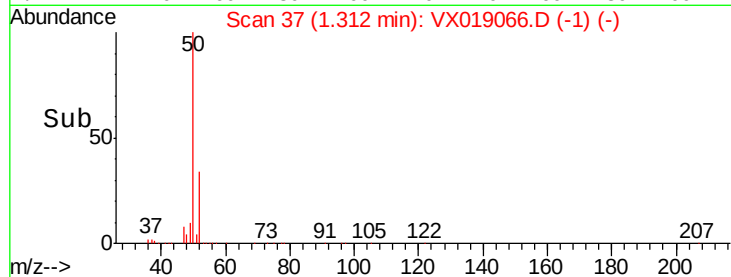
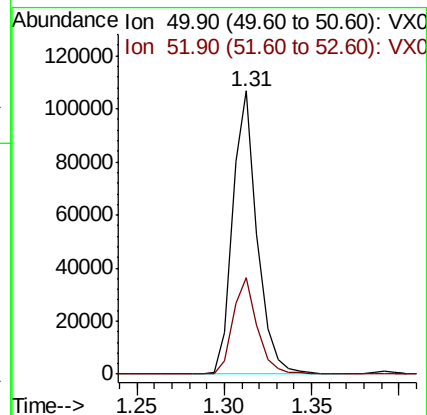
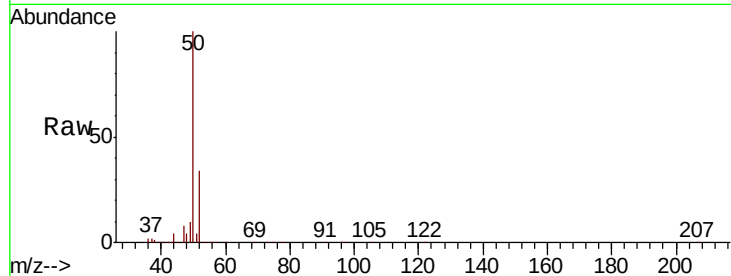
VSTDCCC050EC

Tot Ion: 50 Resp: 103644

Ion Ratio Lower Upper

50 100

52 33.9 27.0 40.6



#4

Vinyl Chloride

Concen: 50.588 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019066.D

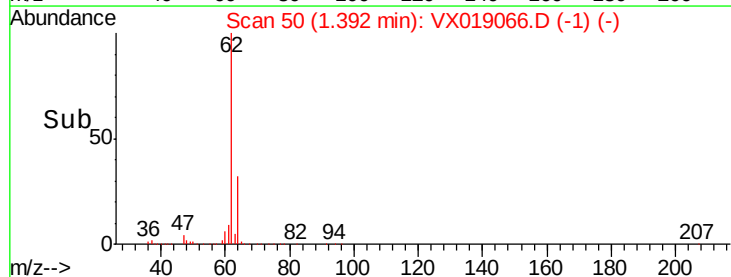
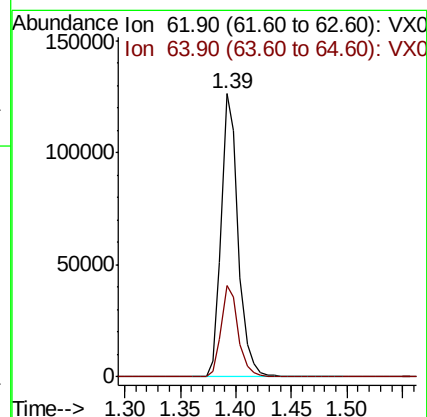
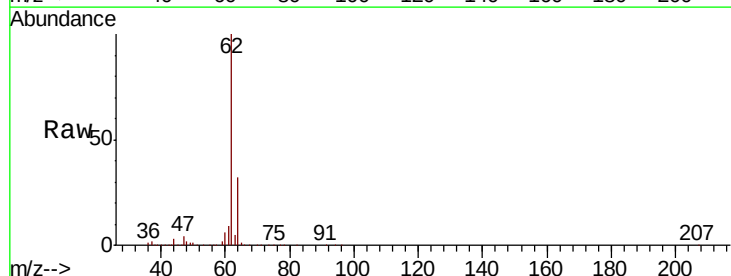
Acq: 23 Oct 2020 06:55

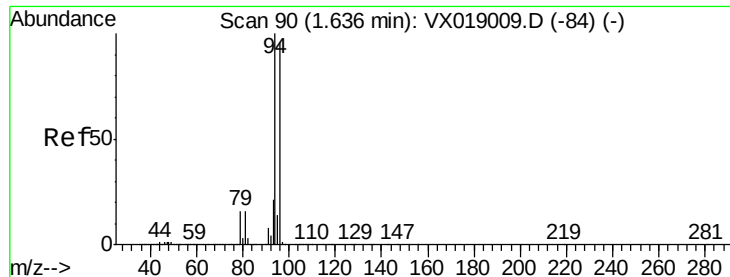
Tgt Ion: 62 Resp: 133172

Ion Ratio Lower Upper

62 100

64 32.2 26.5 39.7





#5

Bromomethane

Concen: 26.804 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

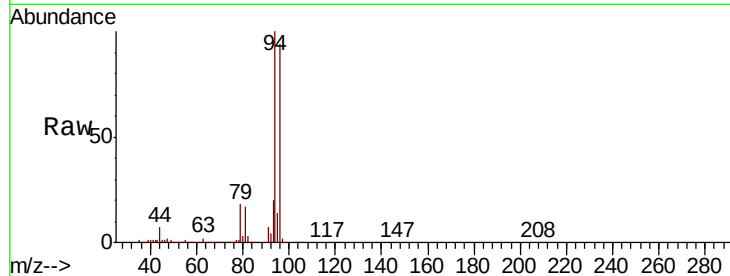
VSTDCCC050EC

Tot Ion: 94 Resp: 70429

Ion Ratio Lower Upper

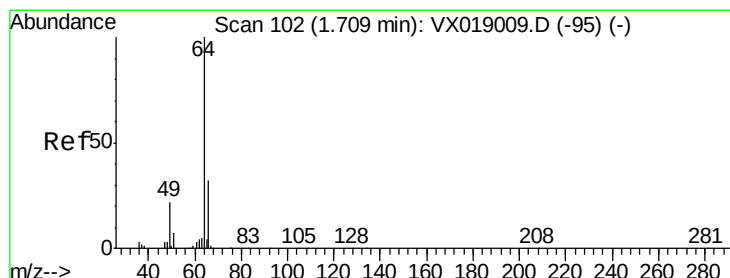
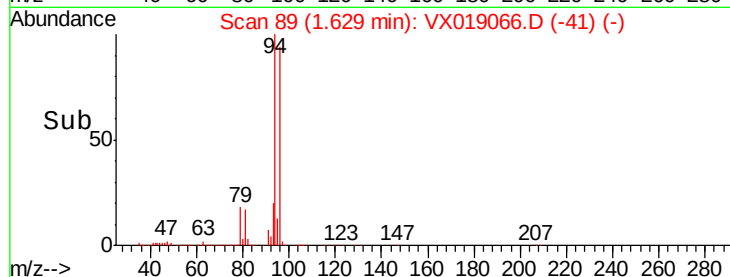
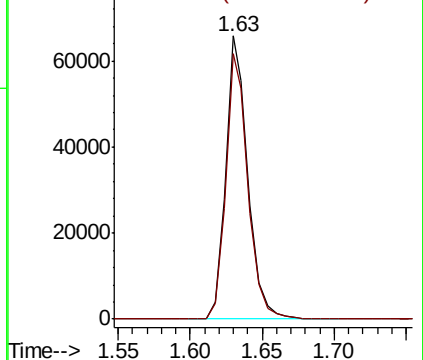
94 100

96 93.9 77.1 115.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.723 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019066.D

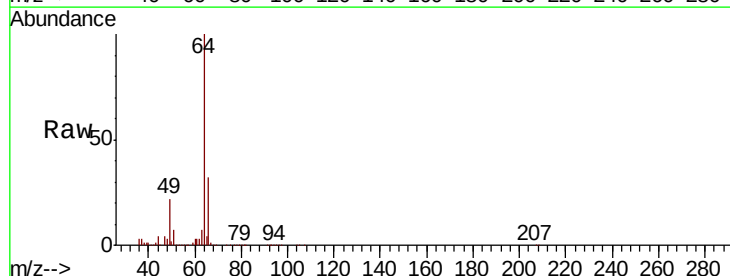
Acq: 23 Oct 2020 06:55

Tgt Ion: 64 Resp: 86690

Ion Ratio Lower Upper

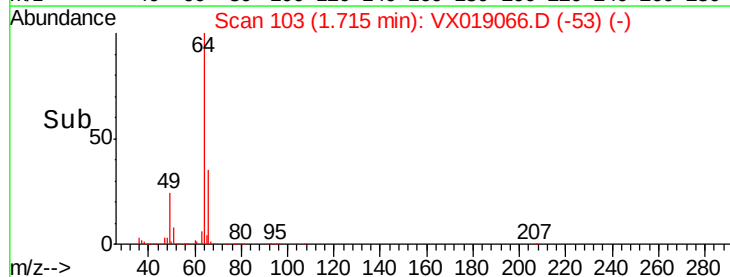
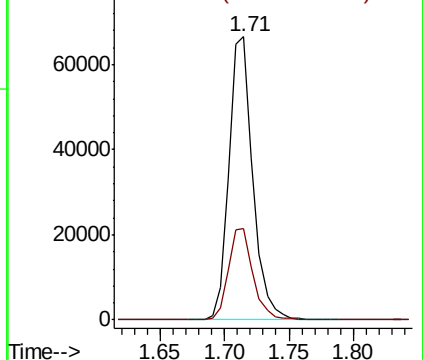
64 100

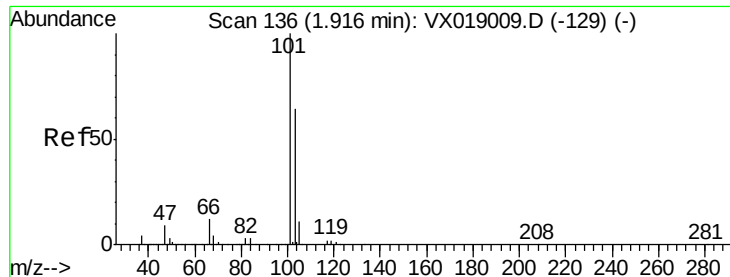
66 32.2 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



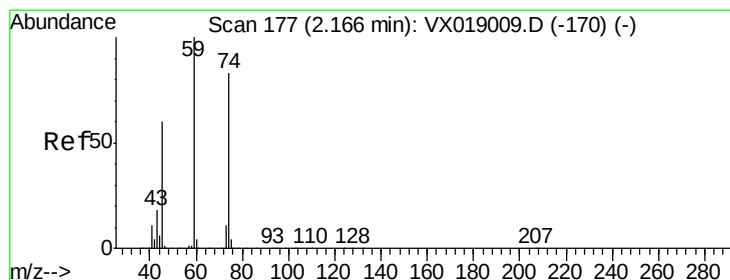
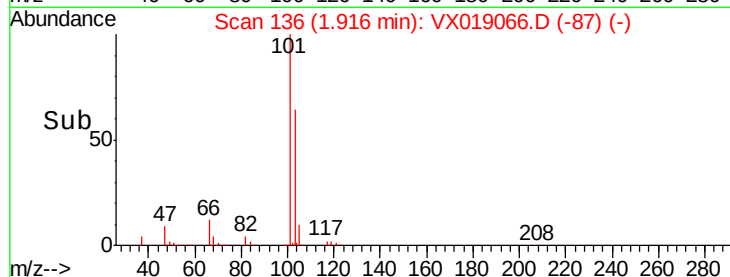
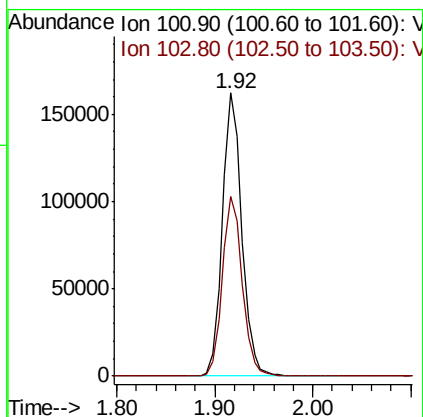
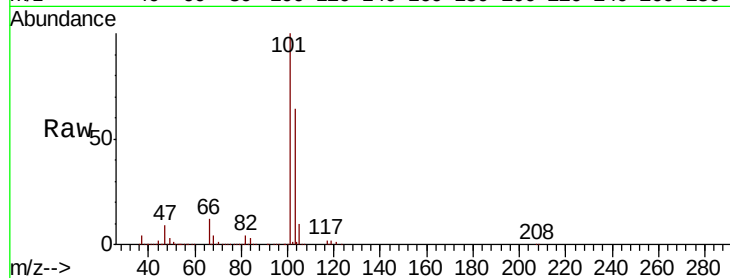


#7

Trichlorofluoromethane
Concen: 50.260 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
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VSTDCCC050EC

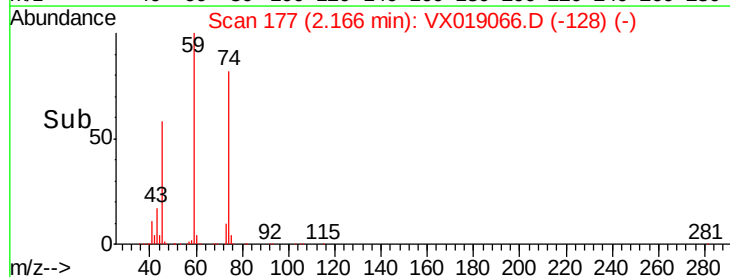
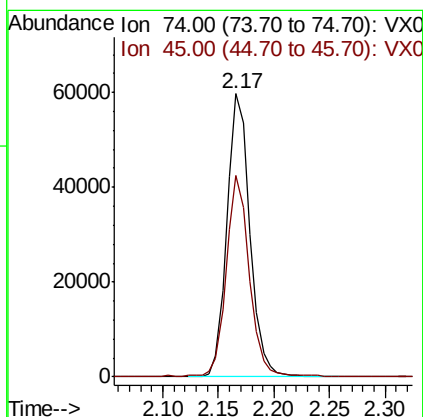
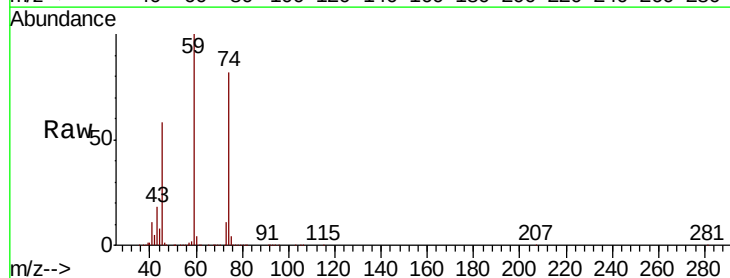
Tot Ion:101 Resp: 223590
Ion Ratio Lower Upper
101 100
103 63.6 51.2 76.8

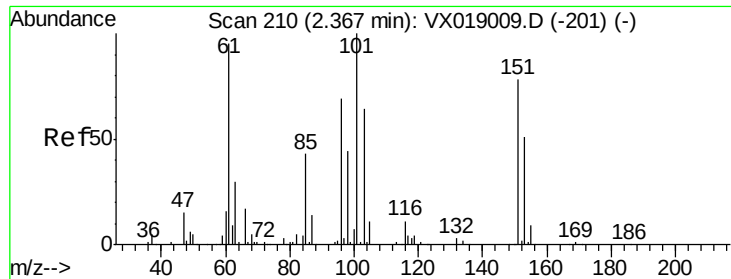


#8

Diethyl Ether
Concen: 48.820 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 74 Resp: 85041
Ion Ratio Lower Upper
74 100
45 70.9 36.8 110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.923 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

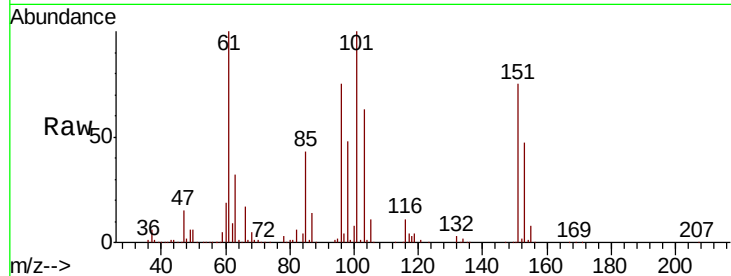
Tot Ion:101 Resp: 105213

Ion Ratio Lower Upper

101 100

85 43.5 35.2 52.8

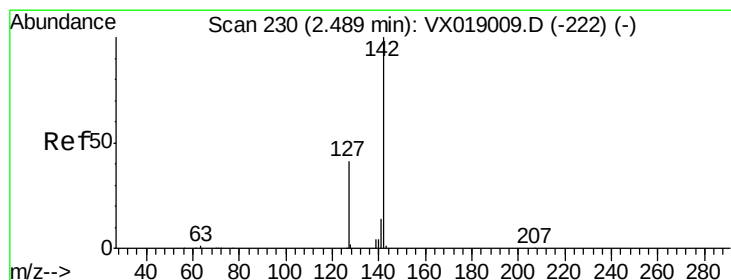
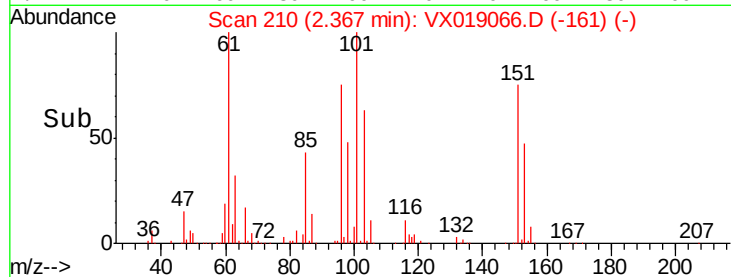
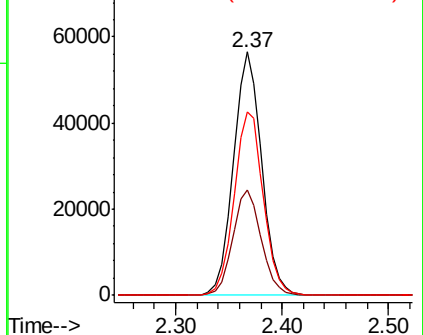
151 77.7 62.4 93.6



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: 29.883 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

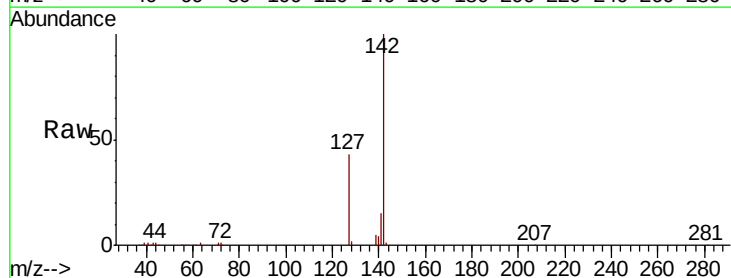
Tgt Ion:142 Resp: 82504

Ion Ratio Lower Upper

142 100

127 44.1 33.6 50.4

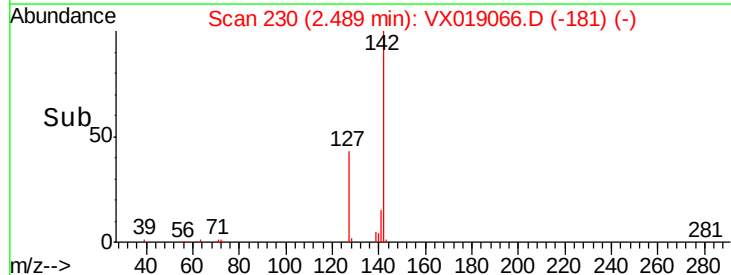
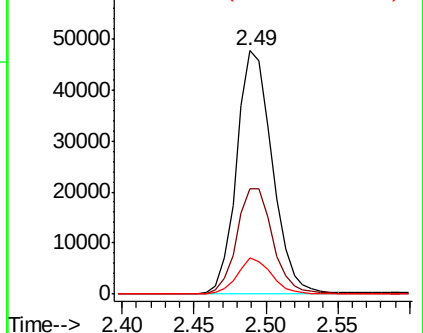
141 14.3 11.2 16.8

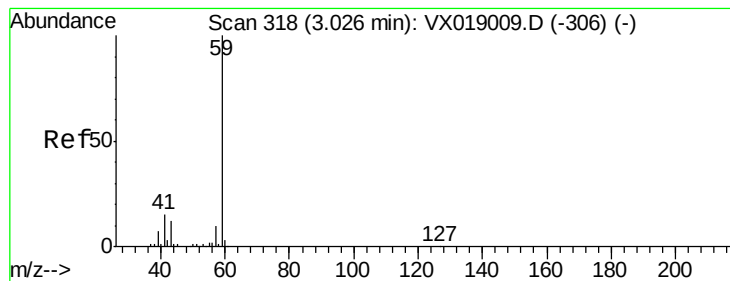


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



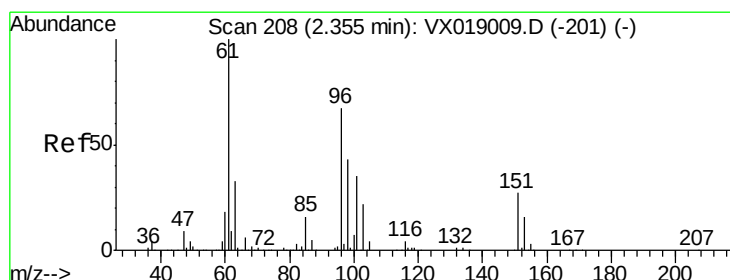
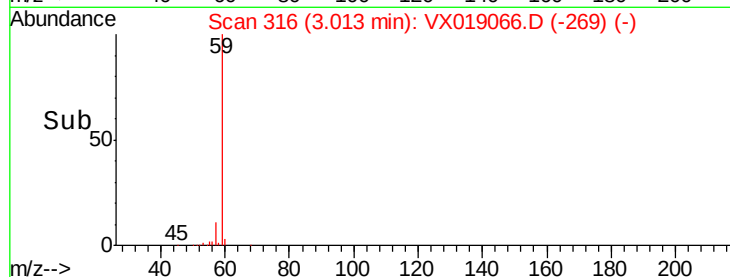
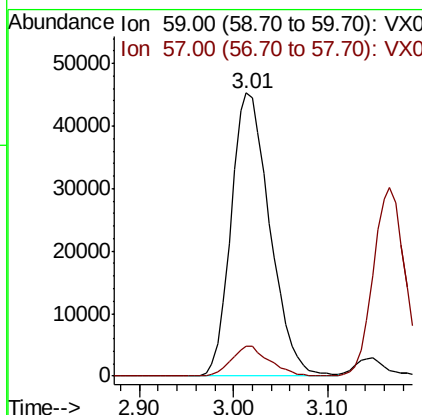
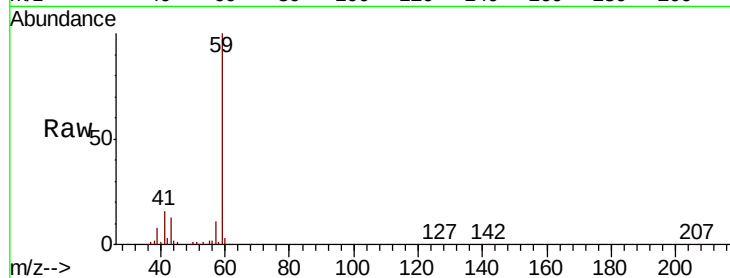


#11

Tert butyl alcohol
 Concen: 237.721 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

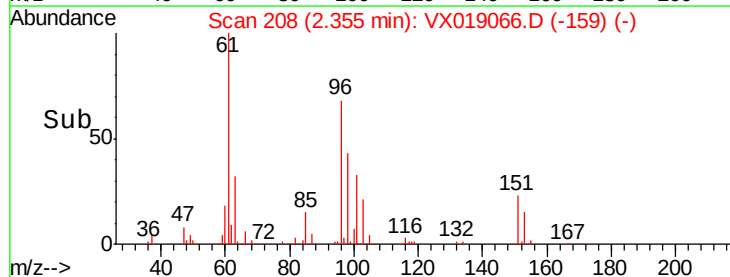
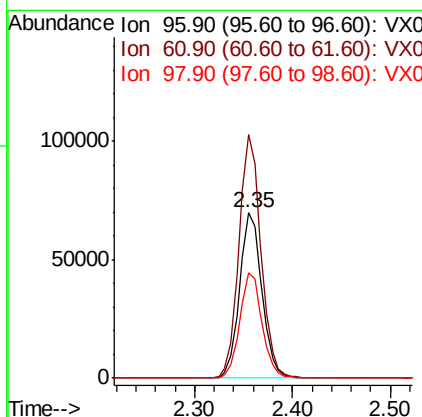
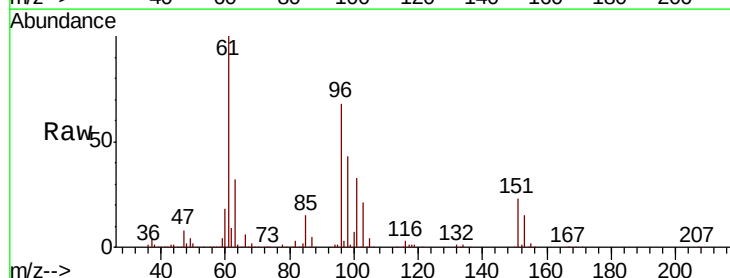
Tot Ion: 59 Resp: 129916
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.2

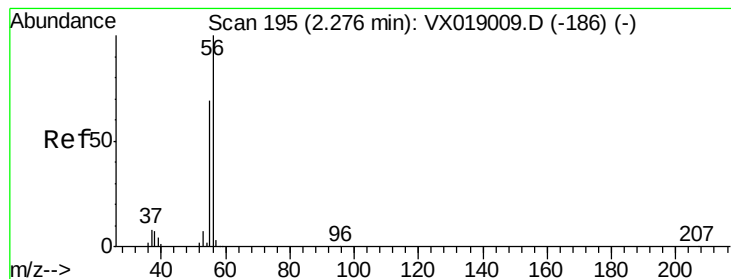


#12

1,1-Dichloroethene
 Concen: 50.262 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 96 Resp: 110205
 Ion Ratio Lower Upper
 96 100
 61 147.5 119.0 178.6
 98 63.9 51.0 76.4





#13

Acrolein

Concen: 166.539 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

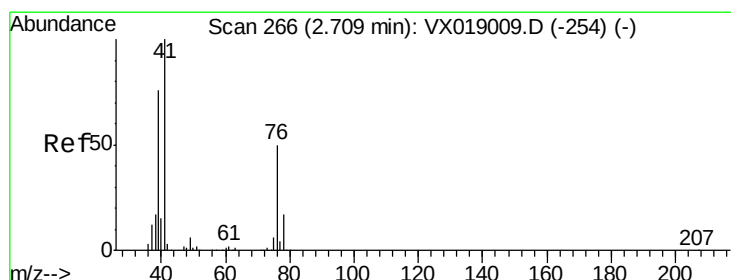
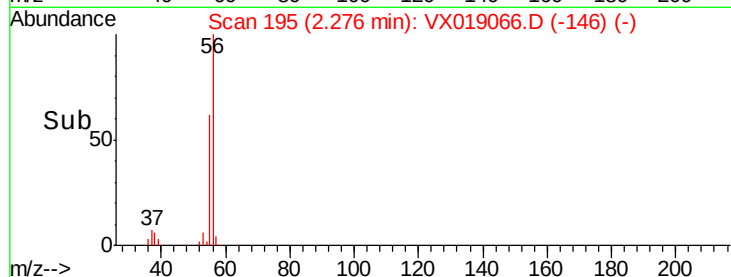
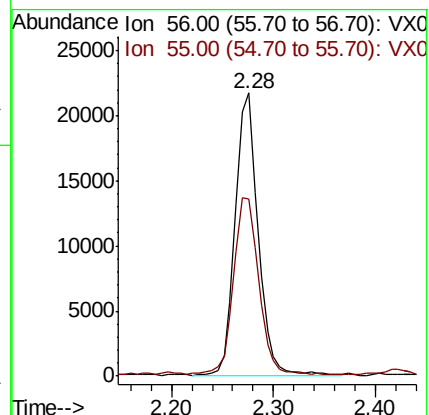
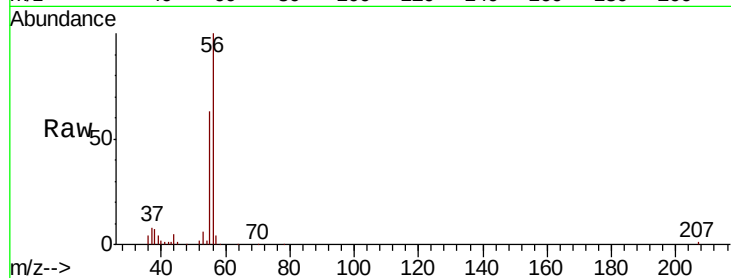
VSTDCCC050EC

Tot Ion: 56 Resp: 33329

Ion Ratio Lower Upper

56 100

55 69.1 54.2 81.4



#14

Allyl chloride

Concen: 46.728 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

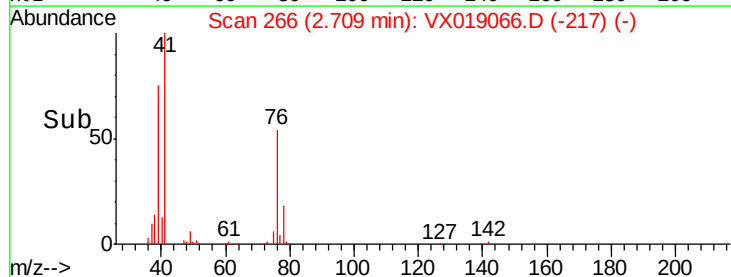
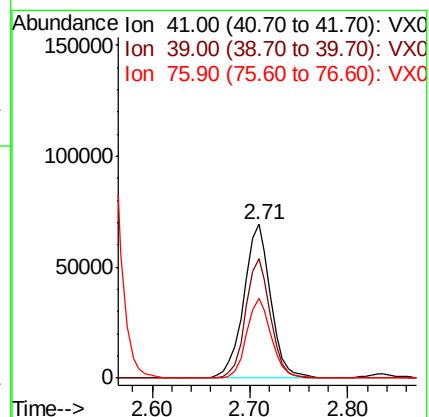
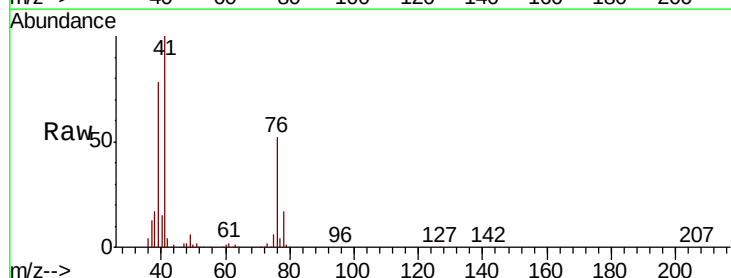
Tgt Ion: 41 Resp: 132543

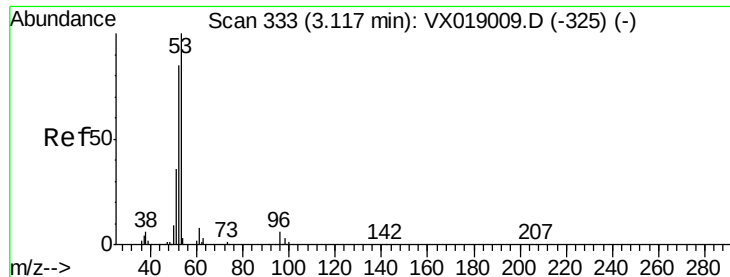
Ion Ratio Lower Upper

41 100

39 71.7 57.4 86.0

76 47.0 37.7 56.5





#15

Acrylonitrile

Concen: 241.860 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

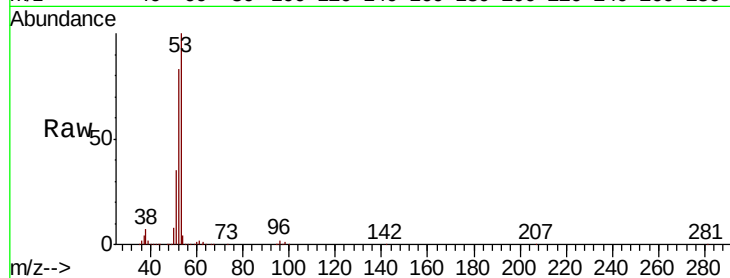
Tot Ion: 53 Resp: 255599

Ion Ratio Lower Upper

53 100

52 82.9 65.9 98.9

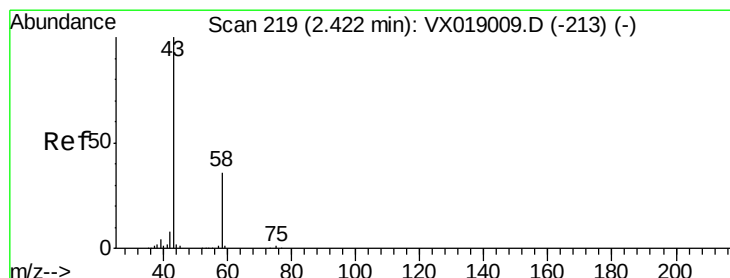
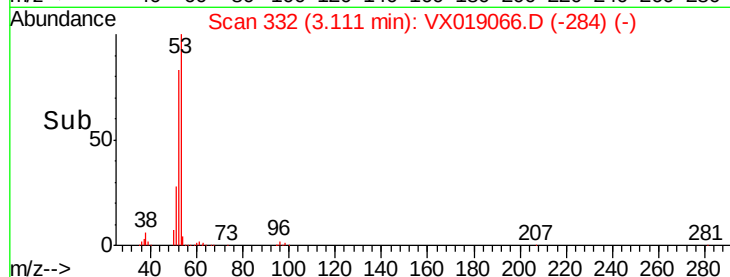
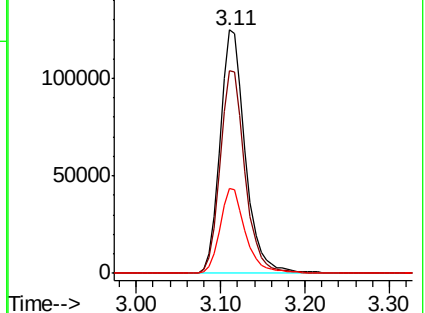
51 35.2 28.3 42.5



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: 236.760 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019066.D

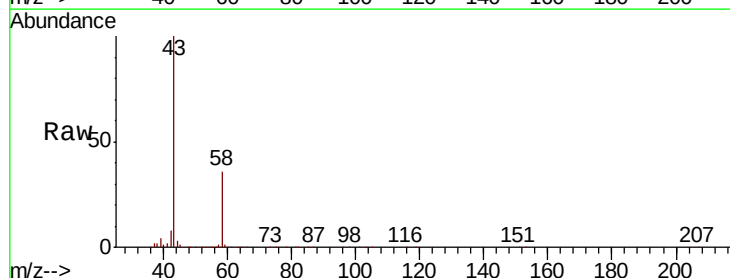
Acq: 23 Oct 2020 06:55

Tgt Ion: 43 Resp: 217604

Ion Ratio Lower Upper

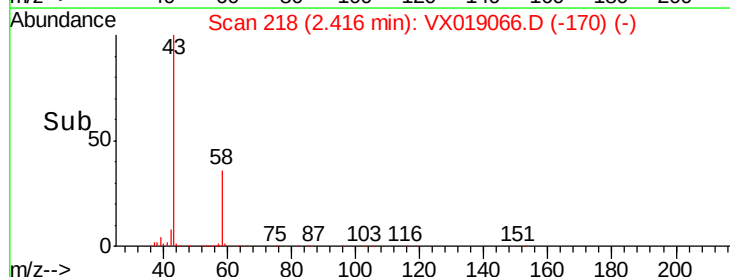
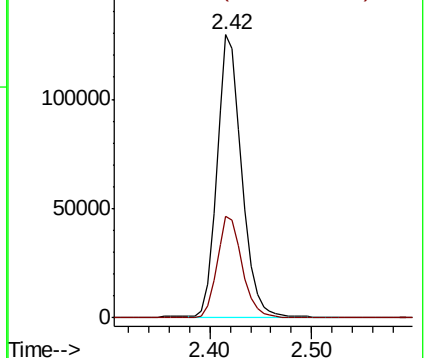
43 100

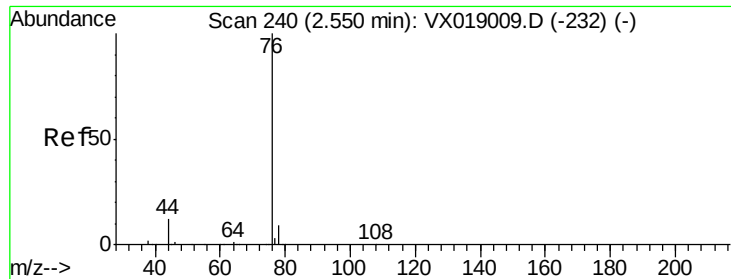
58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.637 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

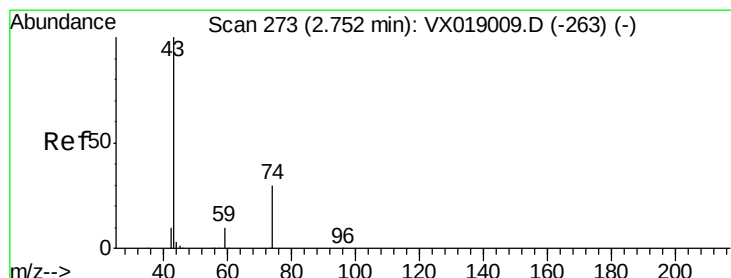
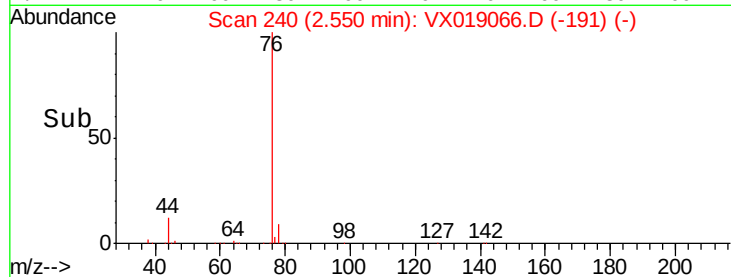
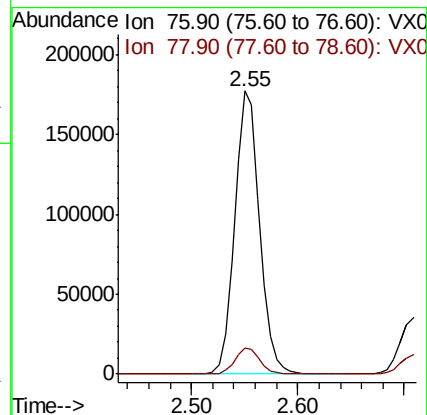
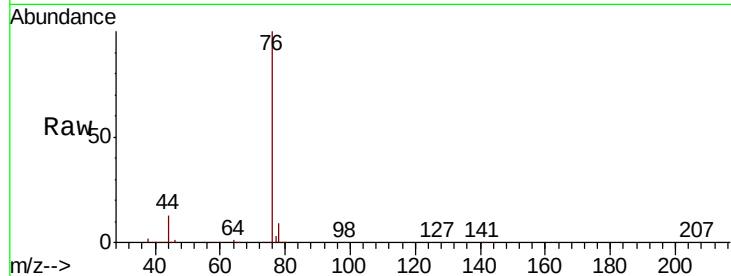
VSTDCCC050EC

Tot Ion: 76 Resp: 288585

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7



#18

Methyl Acetate

Concen: 53.159 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX019066.D

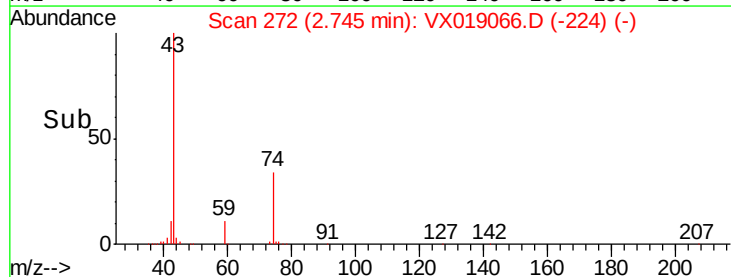
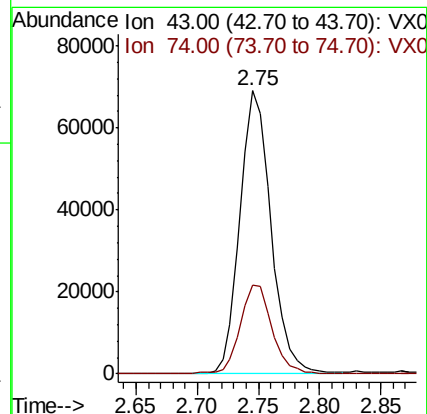
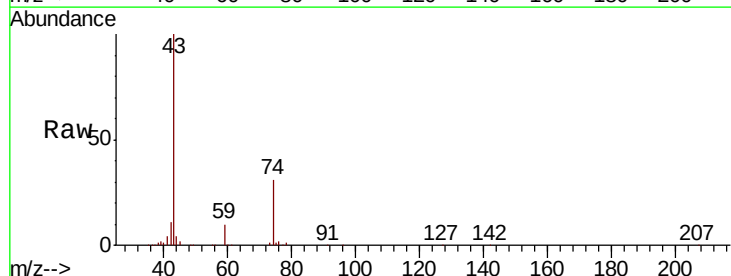
Acq: 23 Oct 2020 06:55

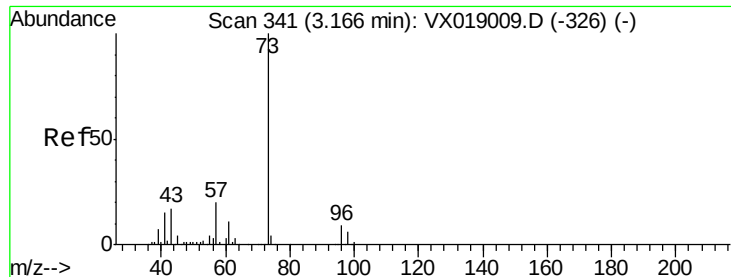
Tgt Ion: 43 Resp: 121240

Ion Ratio Lower Upper

43 100

74 32.4 24.9 37.3



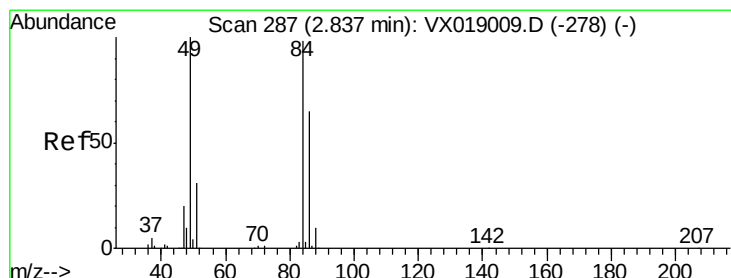
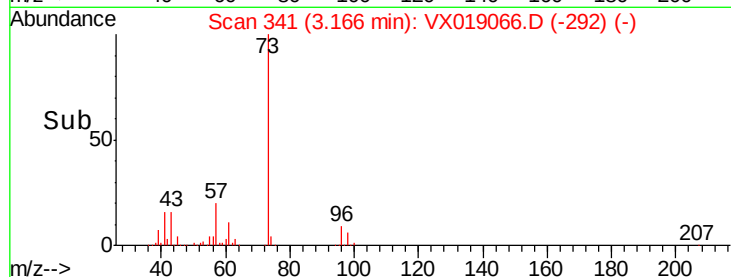
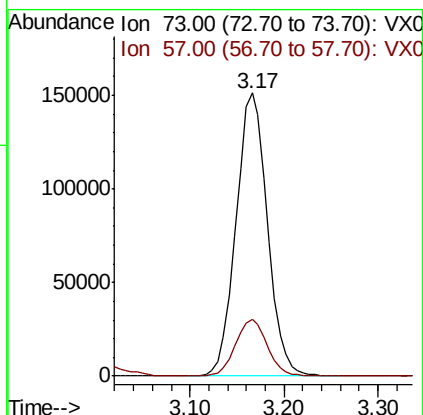
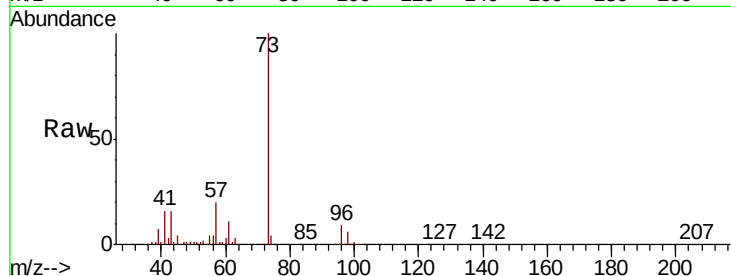


#19

Methyl tert-butyl Ether
 Concen: 50.624 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

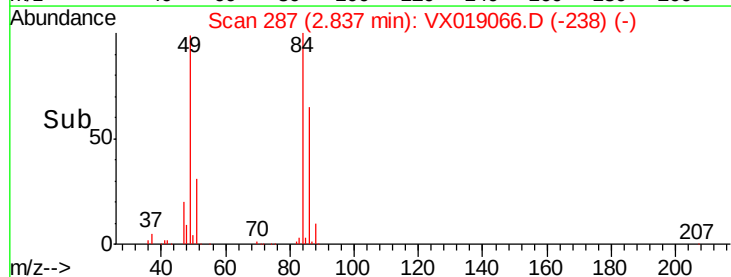
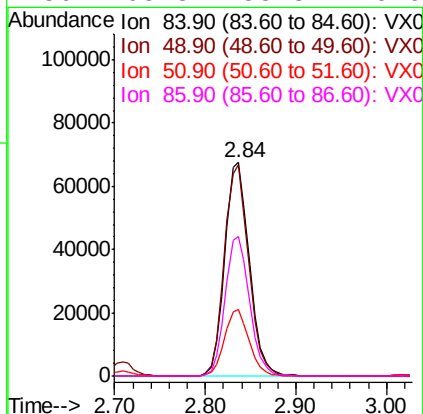
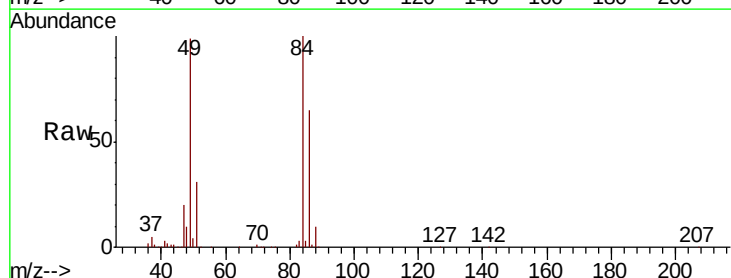
Tot Ion: 73 Resp: 351602
 Ion Ratio Lower Upper
 73 100
 57 19.9 16.2 24.2

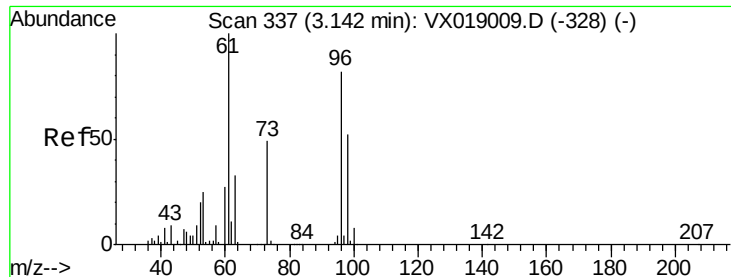


#20

Methylene Chloride
 Concen: 49.530 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 84 Resp: 126733
 Ion Ratio Lower Upper
 84 100
 49 99.0 81.6 122.4
 51 31.4 25.6 38.4
 86 65.3 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 49.137 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

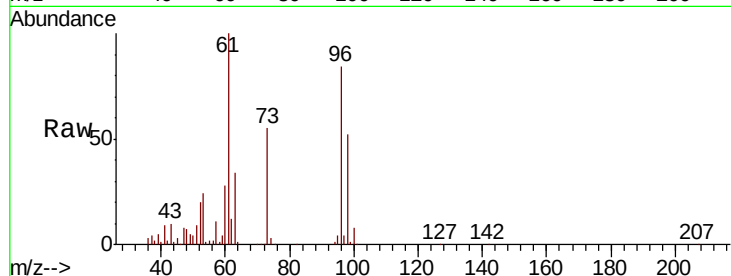
Tot Ion: 96 Resp: 125716

Ion Ratio Lower Upper

96 100

61 119.5 97.8 146.6

98 61.5 50.7 76.1

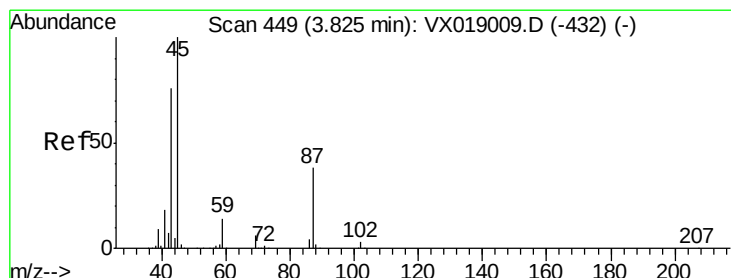
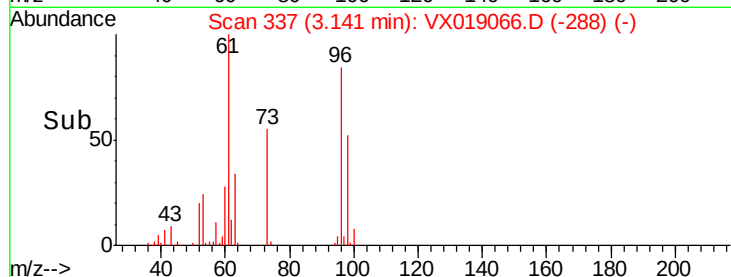
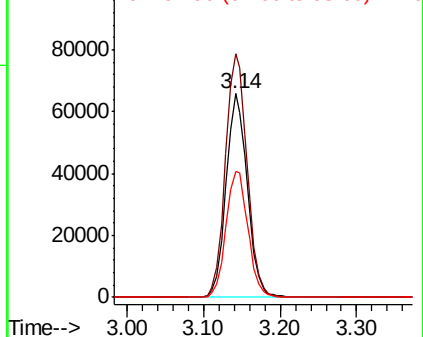


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.140 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion: 45 Resp: 280447

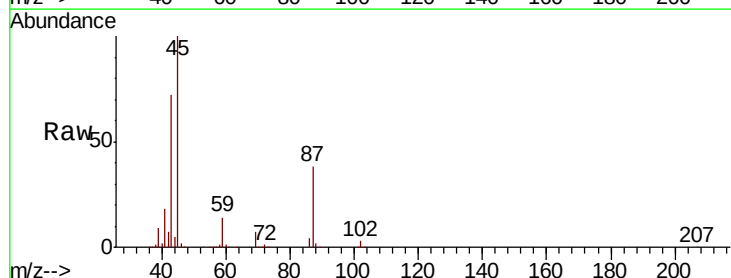
Ion Ratio Lower Upper

45 100

43 72.0 60.4 90.6

87 38.1 30.4 45.6

59 13.7 11.2 16.8



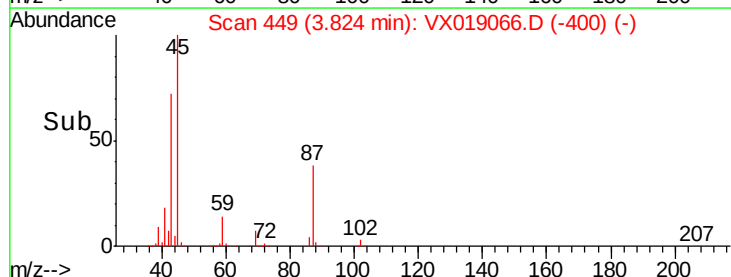
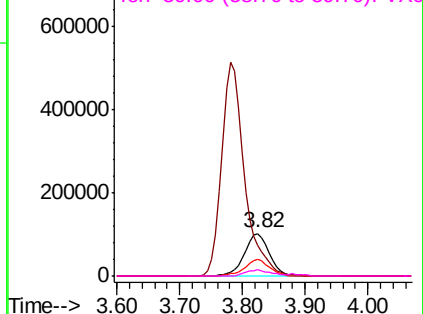
Abundance

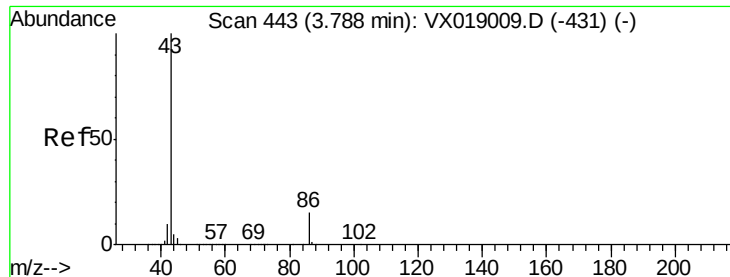
Ion 45.00 (44.70 to 45.70): VX0

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: 245.095 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

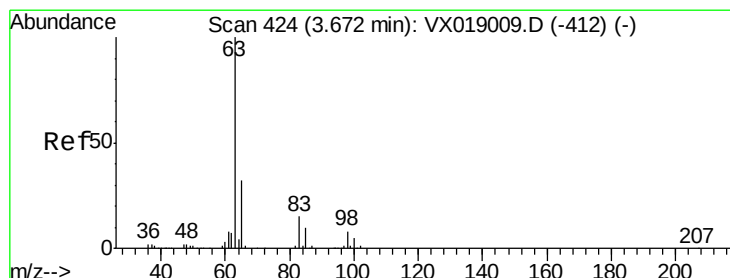
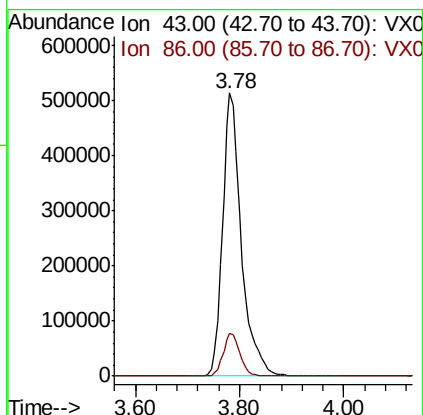
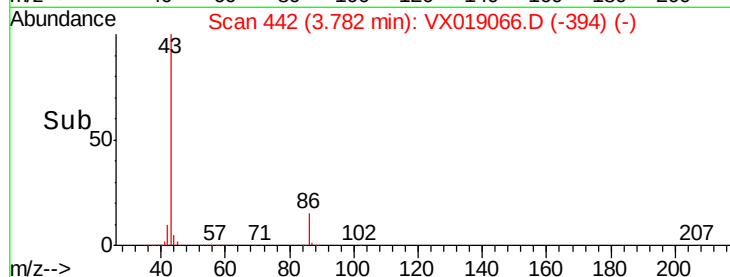
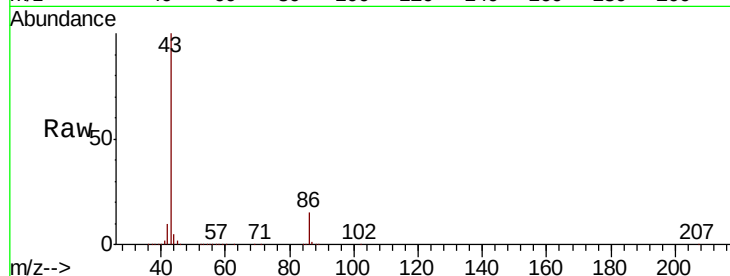
VSTDCCC050EC

Tot Ion: 43 Resp: 1301716

Ion Ratio Lower Upper

43 100

86 15.0 11.7 17.5



#24

1,1-Dichloroethane

Concen: 50.101 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

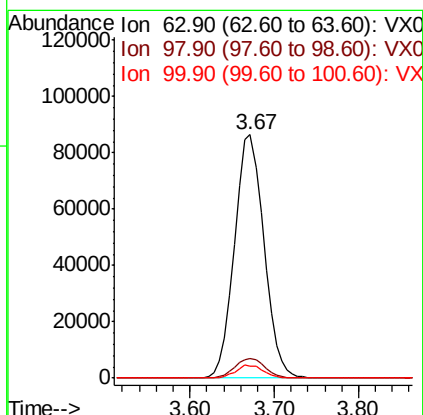
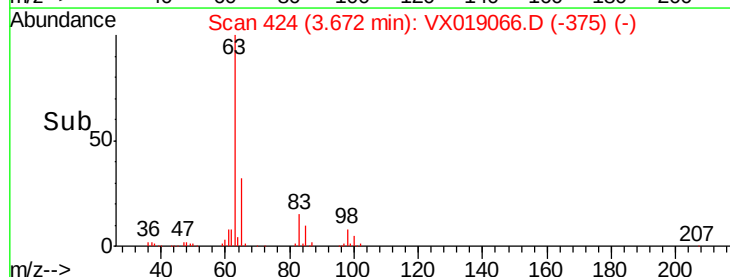
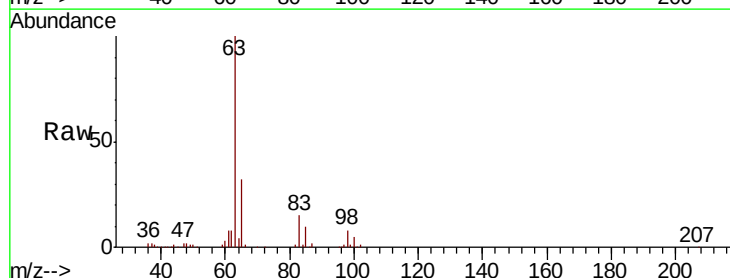
Tgt Ion: 63 Resp: 204078

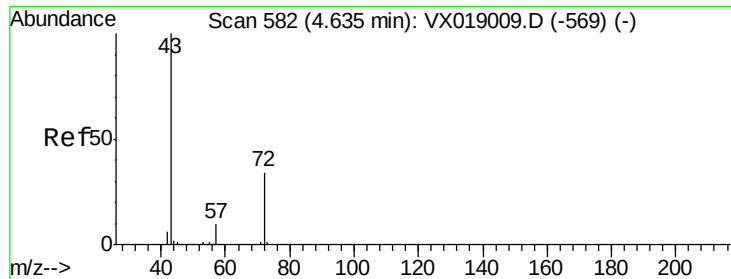
Ion Ratio Lower Upper

63 100

98 7.9 4.0 12.0

100 5.1 2.5 7.4

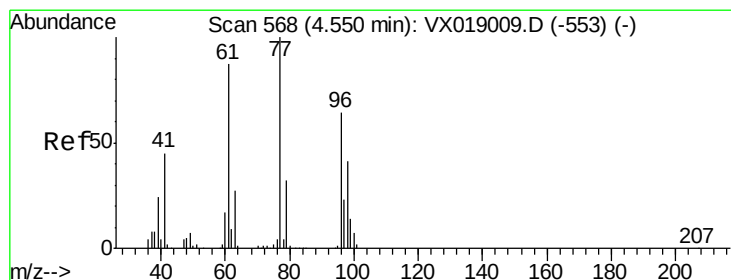
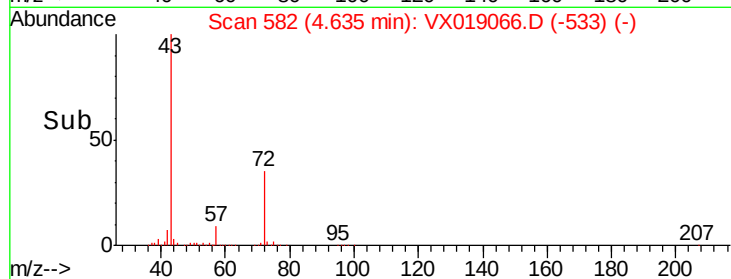
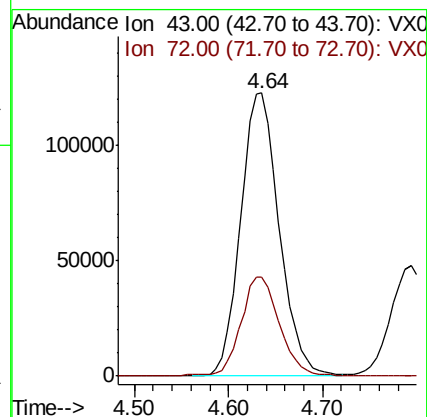
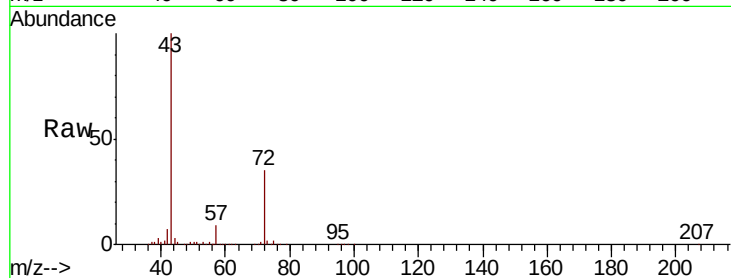




#25
 2-Butanone
 Concen: 241.322 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

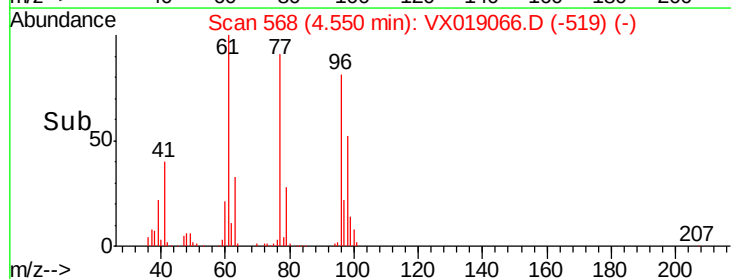
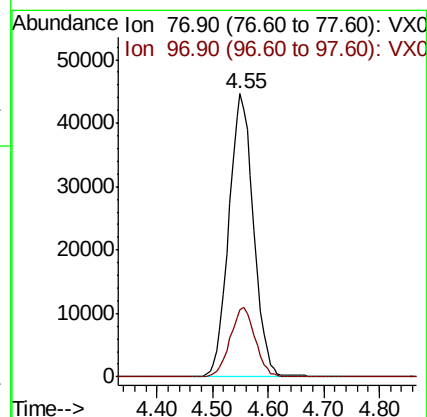
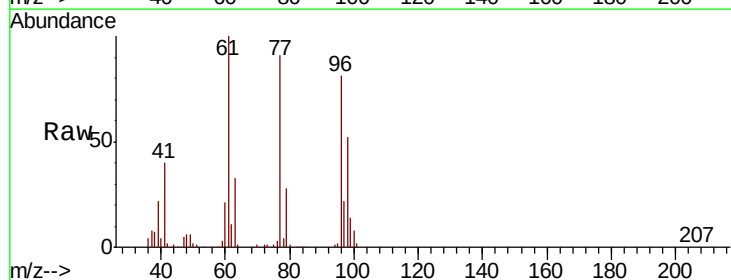
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

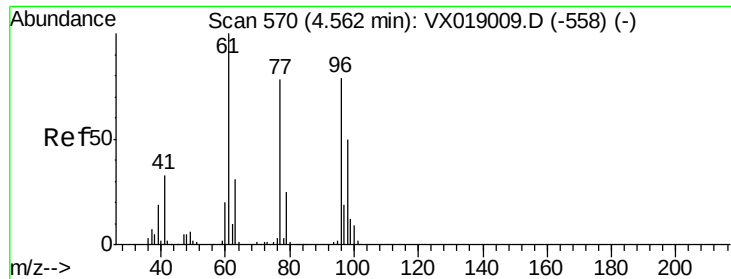
Tot Ion: 43 Resp: 350458
 Ion Ratio Lower Upper
 43 100
 72 34.7 27.8 41.6



#26
 2,2-Dichloropropane
 Concen: 36.396 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 77 Resp: 136884
 Ion Ratio Lower Upper
 77 100
 97 24.8 11.9 35.7



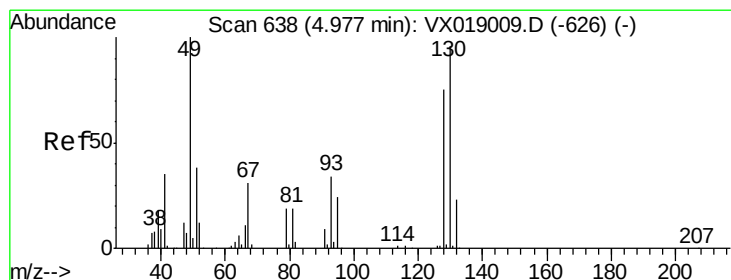
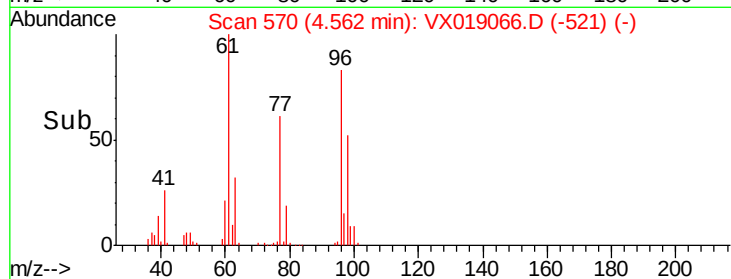
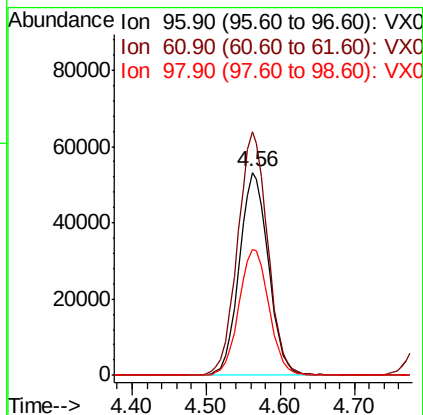
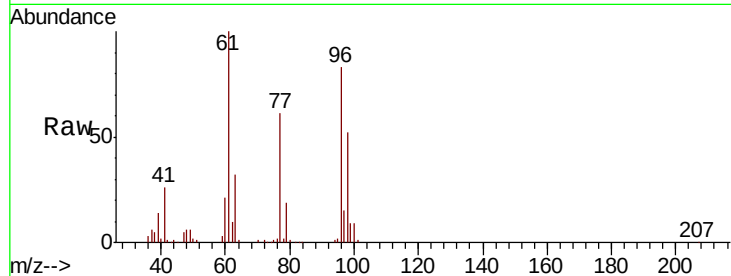


#27

cis-1,2-Dichloroethene
 Concen: 50.449 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

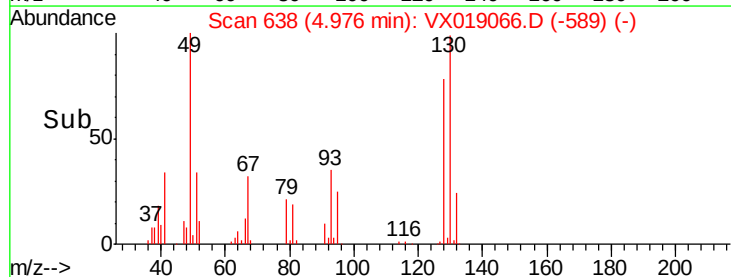
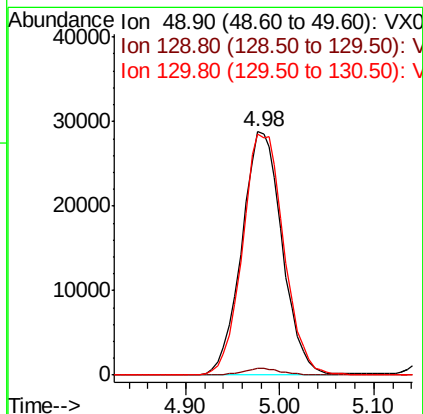
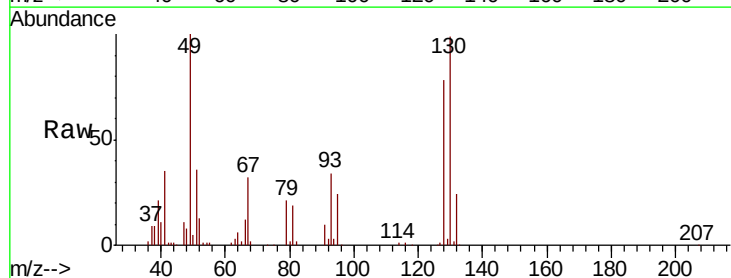
Tot Ion: 96 Resp: 146483
 Ion Ratio Lower Upper
 96 100
 61 123.3 0.0 260.0
 98 64.0 0.0 131.4

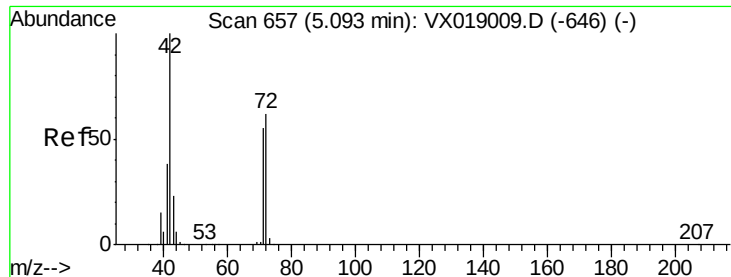


#28

Bromochloromethane
 Concen: 50.137 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 49 Resp: 86719
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.2
 130 101.1 79.0 118.6





#29

Tetrahydrofuran

Concen: 234.067 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

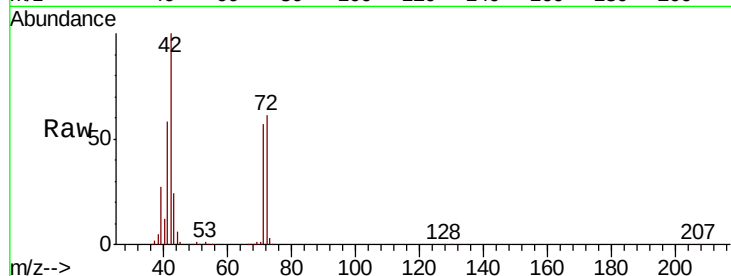
Tot Ion: 42 Resp: 203171

Ion Ratio Lower Upper

42 100

72 61.1 49.1 73.7

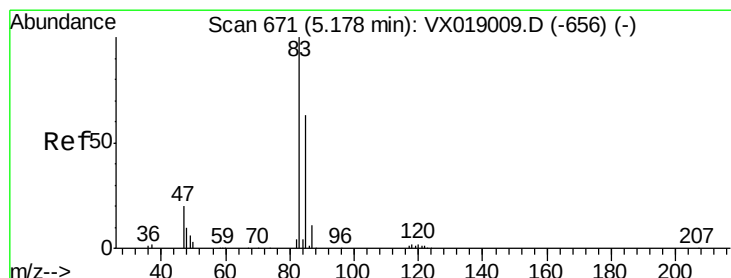
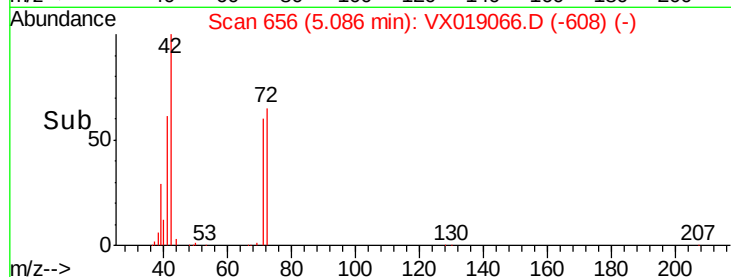
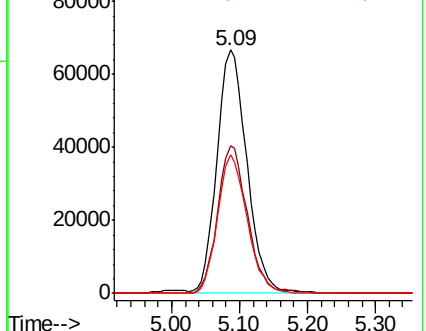
71 56.5 44.2 66.4



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: 51.498 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX019066.D

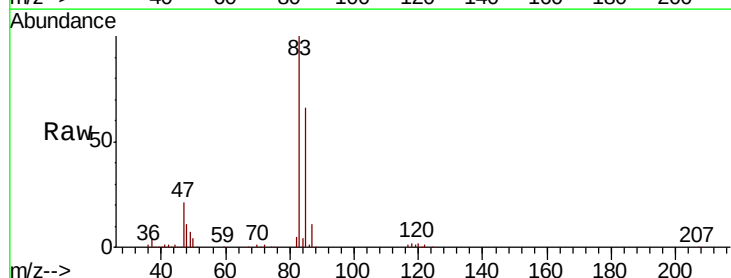
Acq: 23 Oct 2020 06:55

Tgt Ion: 83 Resp: 227740

Ion Ratio Lower Upper

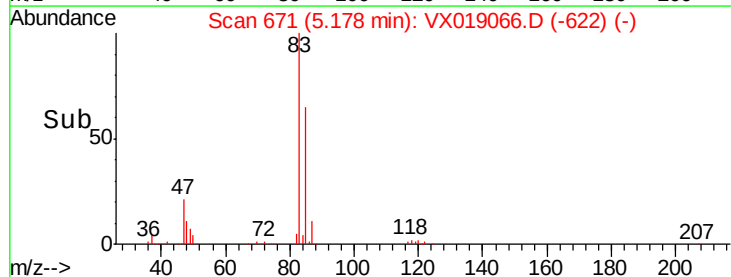
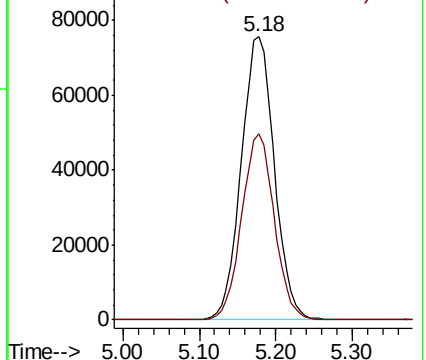
83 100

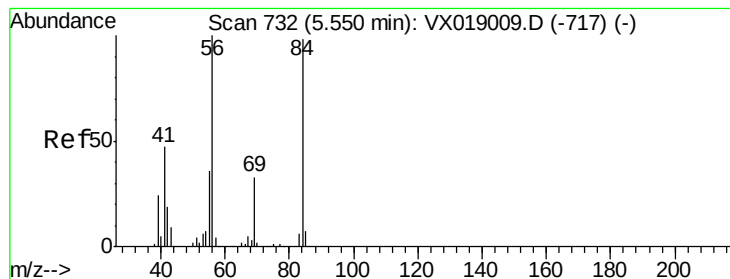
85 65.5 50.5 75.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.422 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

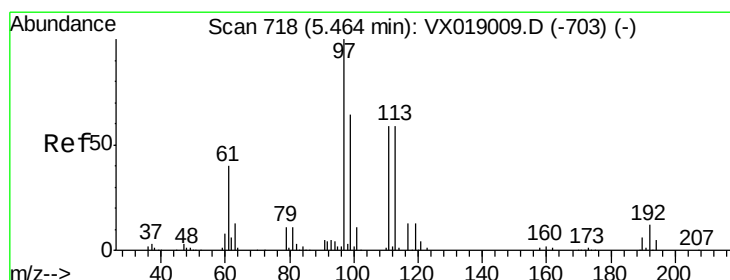
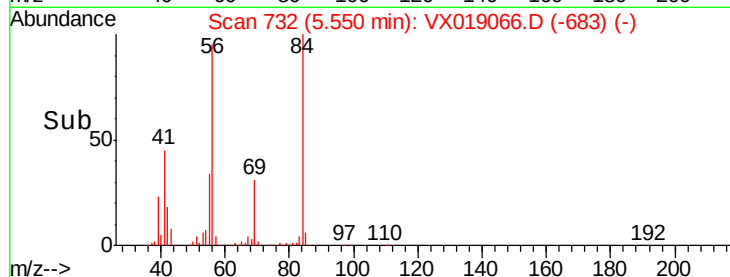
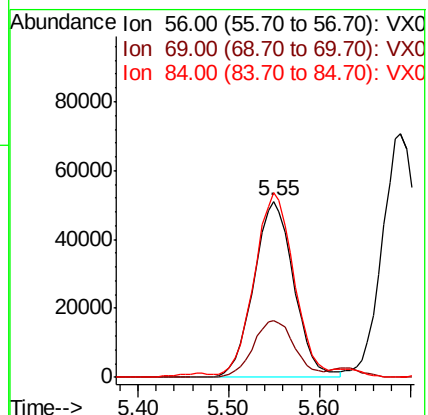
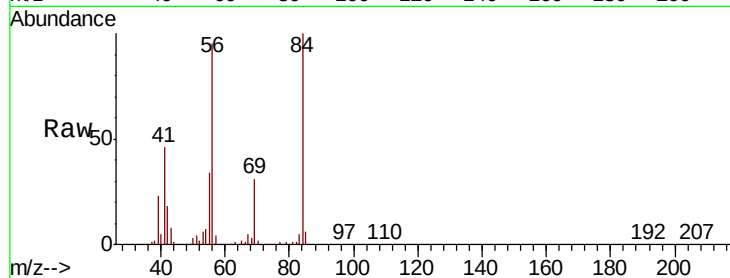
Tot Ion: 56 Resp: 156168

Ion Ratio Lower Upper

56 100

69 32.0 26.2 39.2

84 102.8 78.3 117.5



#32

1,1,1-Trichloroethane

Concen: 51.097 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

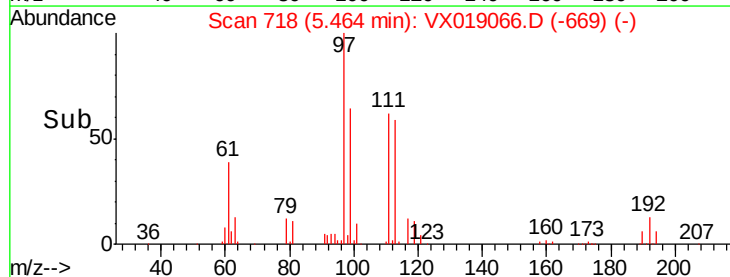
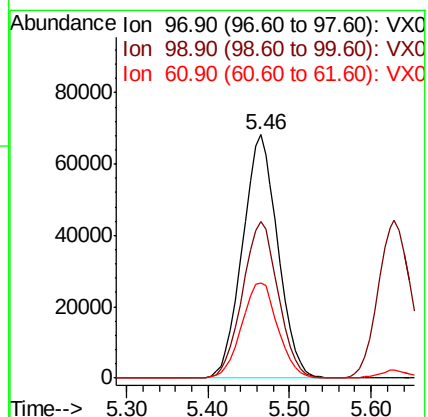
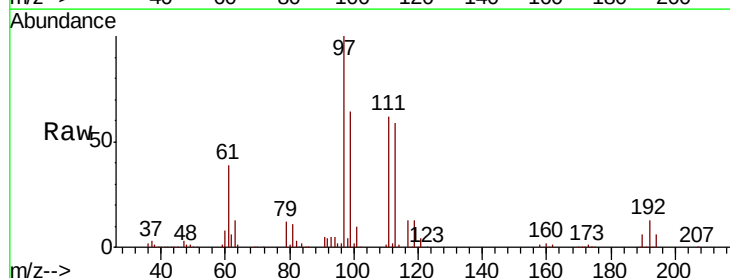
Tgt Ion: 97 Resp: 204942

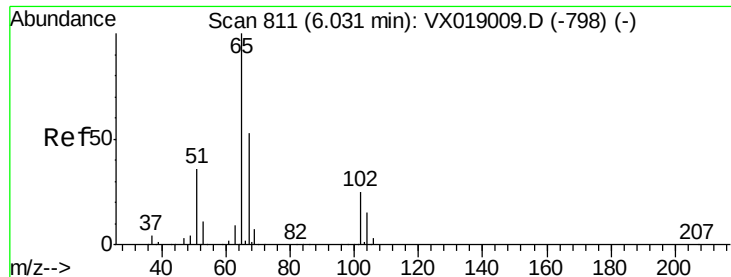
Ion Ratio Lower Upper

97 100

99 64.9 51.3 76.9

61 40.2 31.9 47.9

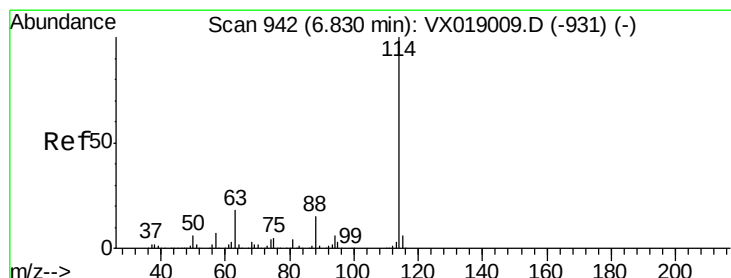
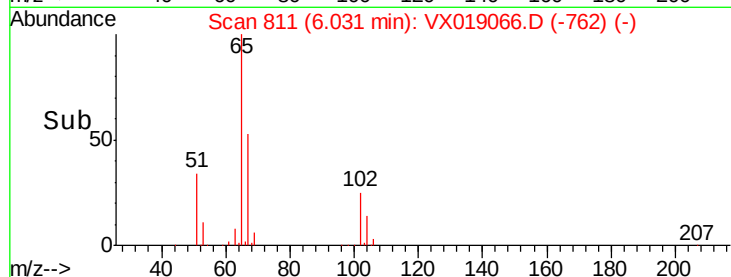
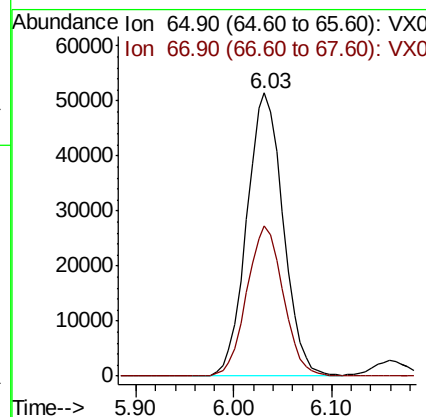
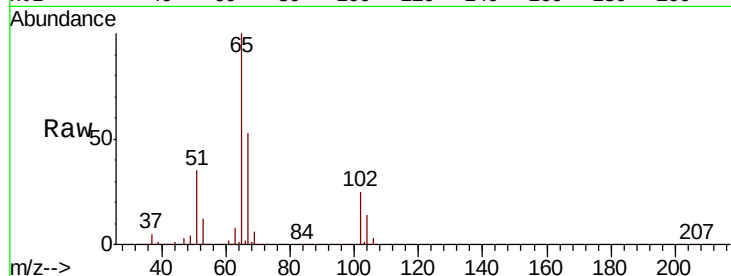




#33
 1,2-Dichloroethane-d4
 Concen: 49.370 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

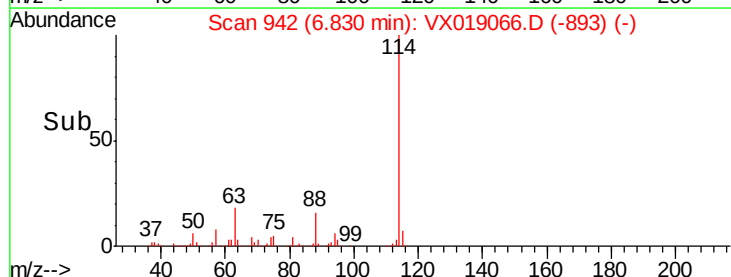
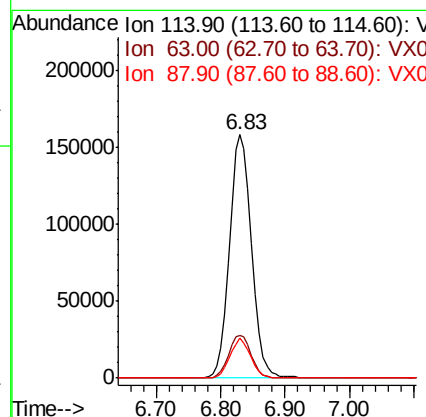
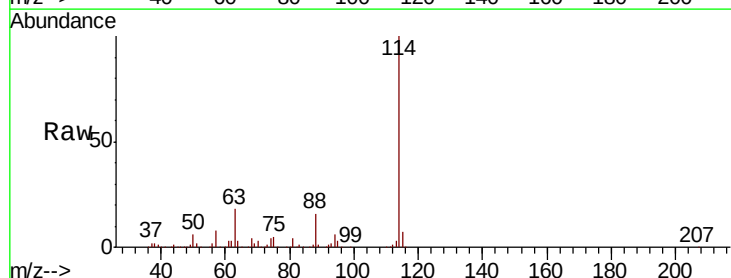
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

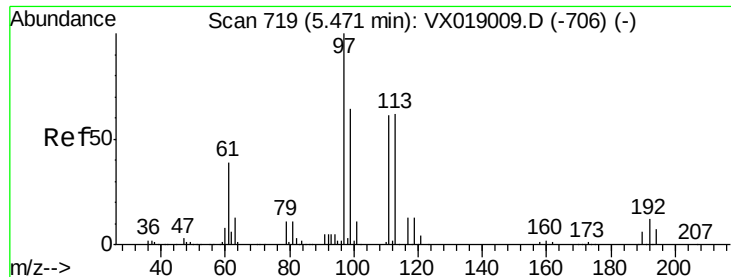
Tot Ion: 65 Resp: 133219
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 114 Resp: 382438
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 36.8
 88 16.3 0.0 30.2

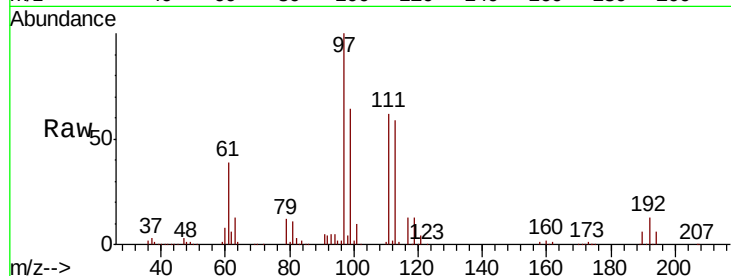




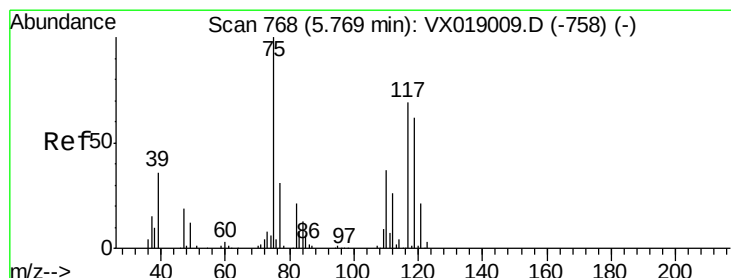
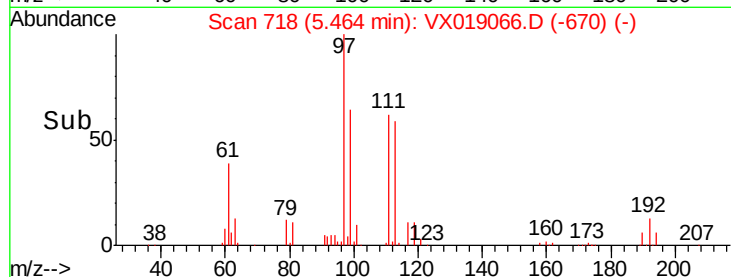
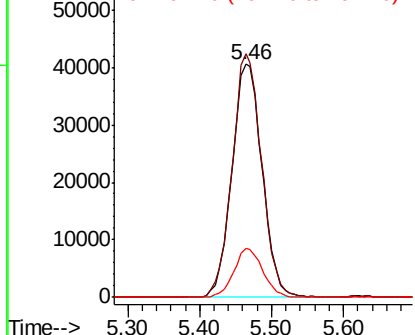
#35
 Dibromofluoromethane
 Concen: 48.713 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 117951
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.5 122.3
 192 20.3 16.3 24.5

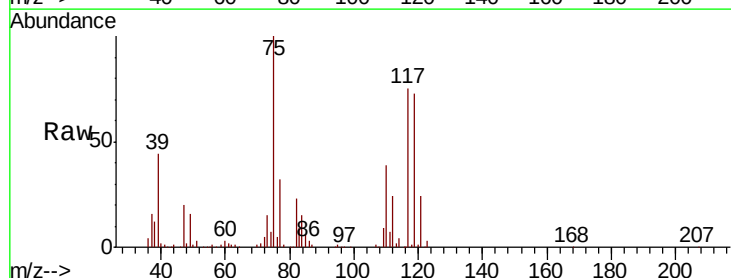


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

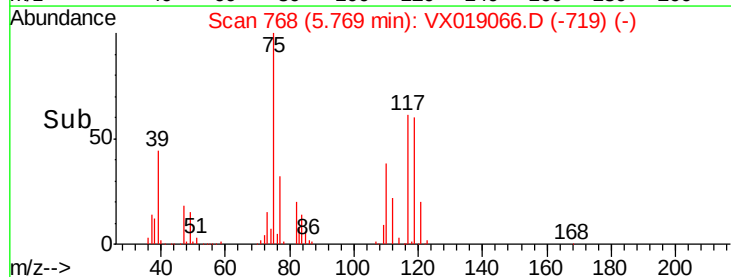
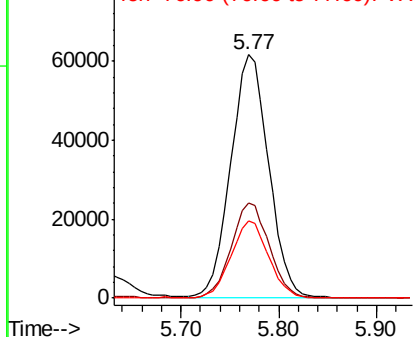


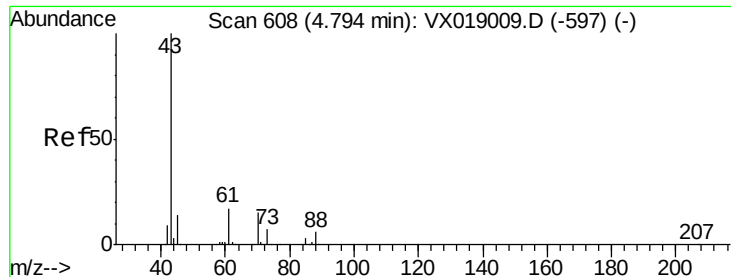
#36
 1,1-Dichloropropene
 Concen: 48.113 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 75 Resp: 165106
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.4 58.2
 77 31.6 25.2 37.8



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

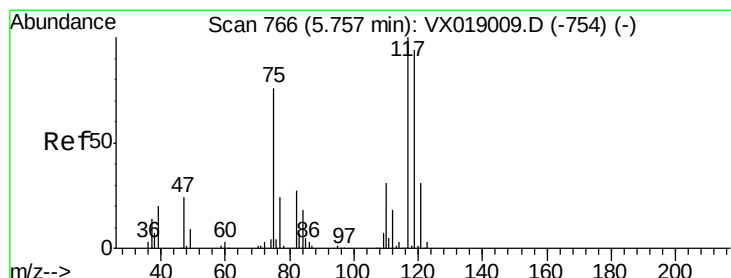
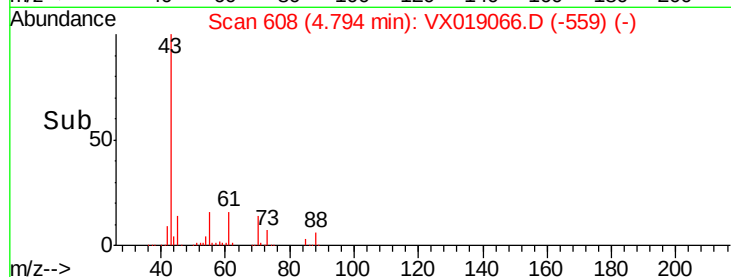
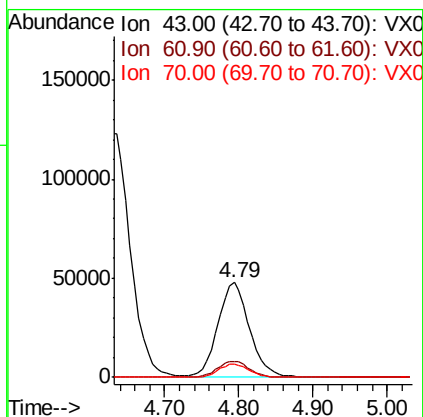
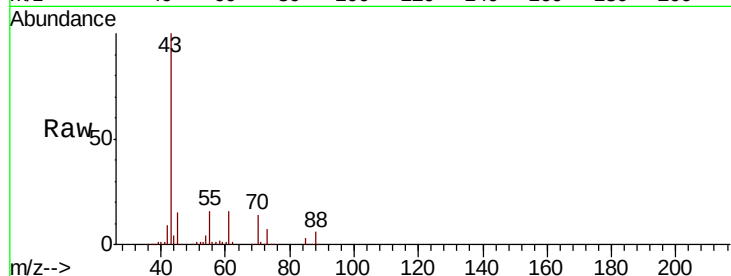




#37
Ethyl Acetate
Concen: 47.921 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

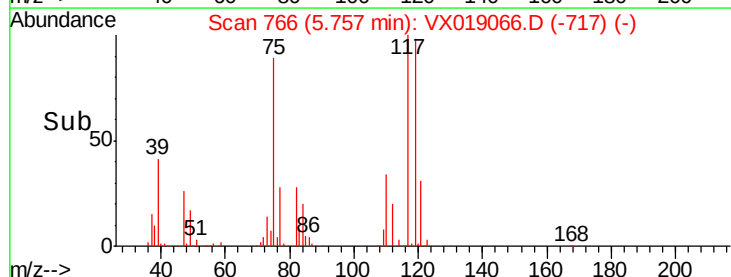
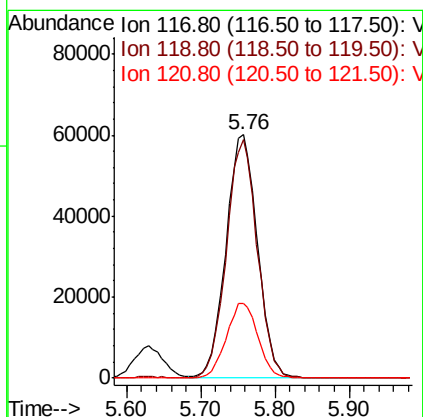
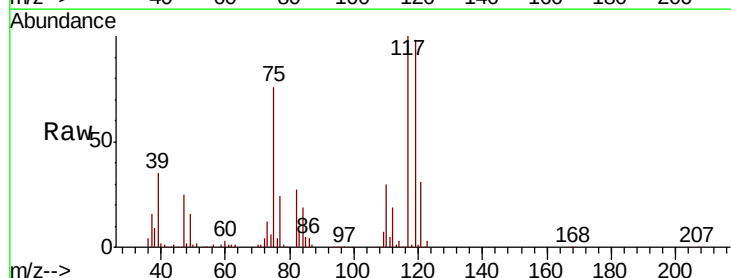
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

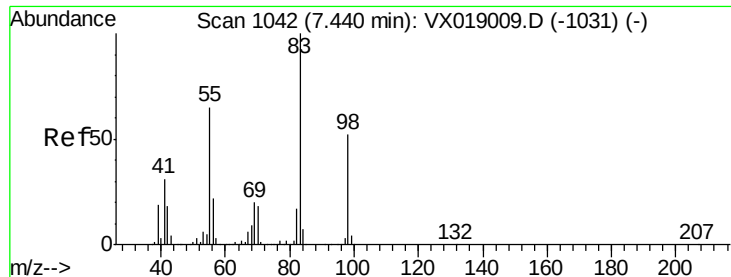
Tot Ion: 43 Resp: 140357
Ion Ratio Lower Upper
43 100
61 17.2 13.8 20.8
70 14.2 11.4 17.2



#38
Carbon Tetrachloride
Concen: 49.026 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 117 Resp: 176586
Ion Ratio Lower Upper
117 100
119 97.8 75.4 113.0
121 30.9 25.0 37.6

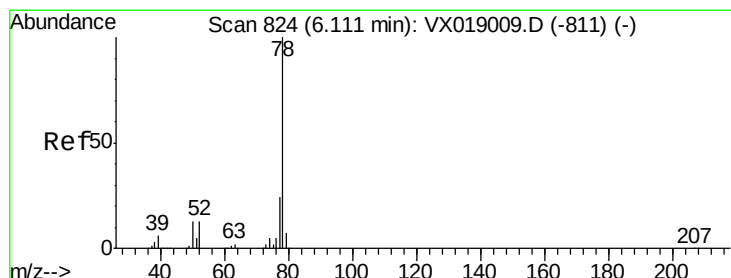
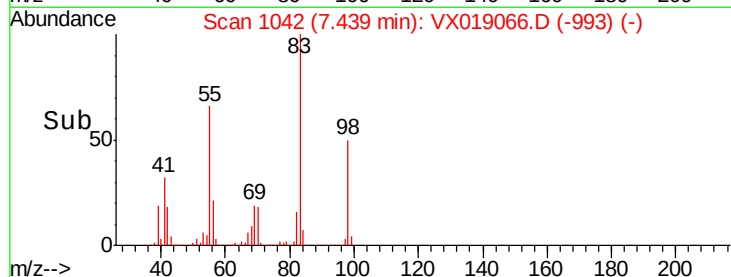
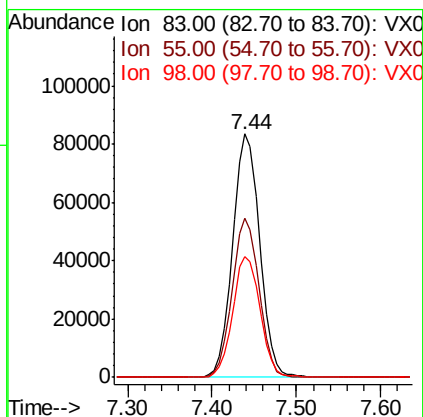
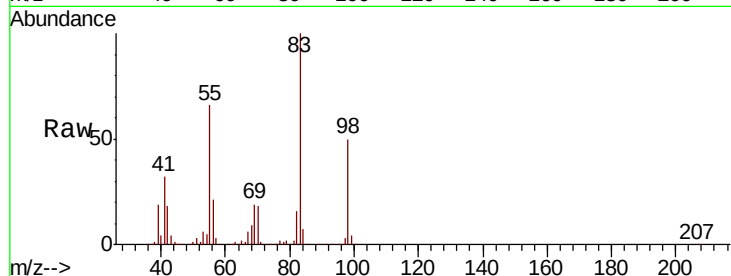




#39
Methylvlcyclohexane
Concen: 47.045 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

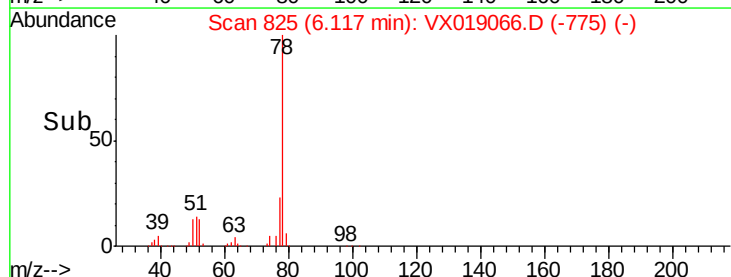
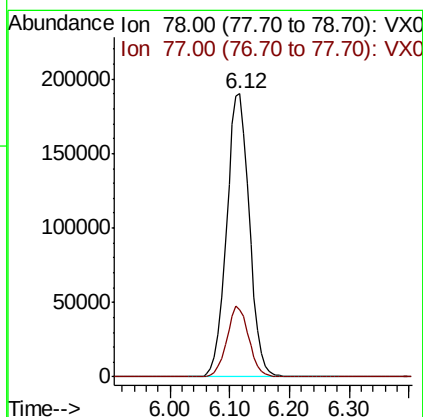
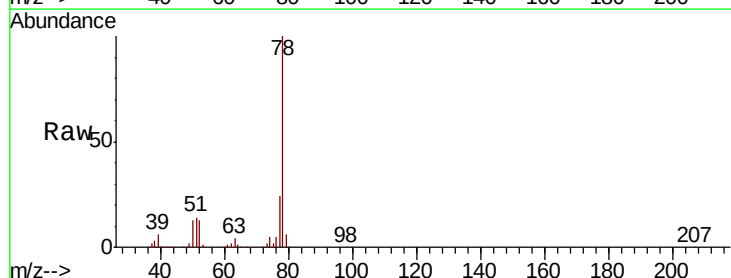
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

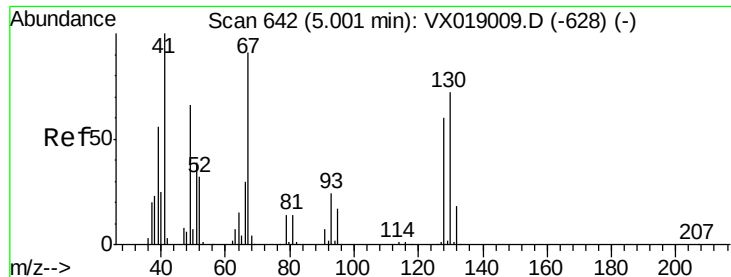
Tot Ion: 83 Resp: 180869
Ion Ratio Lower Upper
83 100
55 65.5 51.8 77.6
98 49.5 41.4 62.2



#40
Benzene
Concen: 49.749 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 78 Resp: 502788
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41

Methacrylonitrile

Concen: 46.868 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 73738

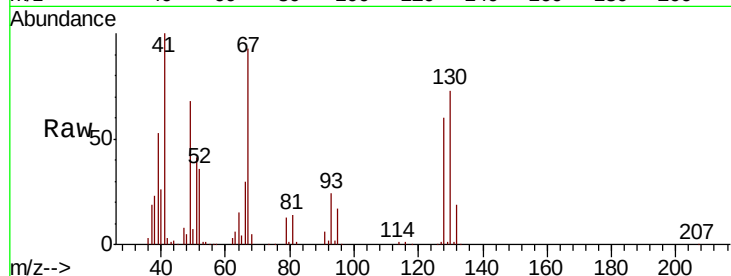
Ion Ratio Lower Upper

41 100

39 56.8 44.6 67.0

67 96.3 76.1 114.1

52 37.0 28.3 42.5

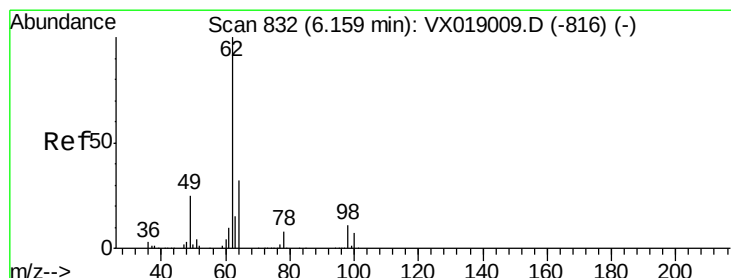
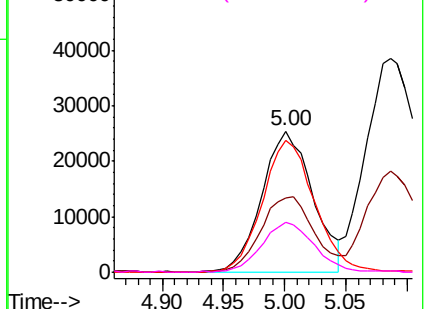
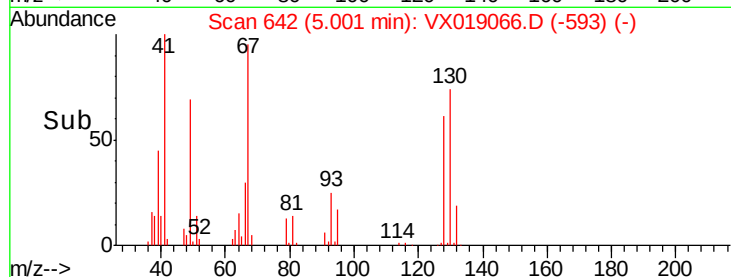


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 50.484 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019066.D

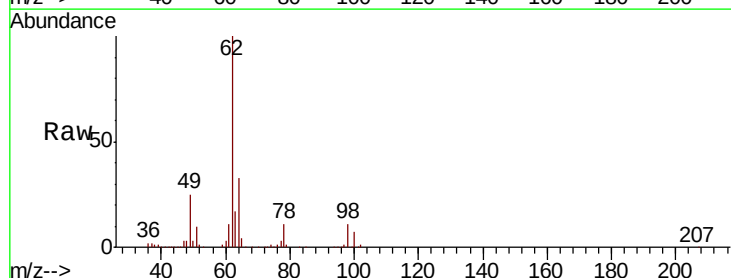
Acq: 23 Oct 2020 06:55

Tgt Ion: 62 Resp: 174121

Ion Ratio Lower Upper

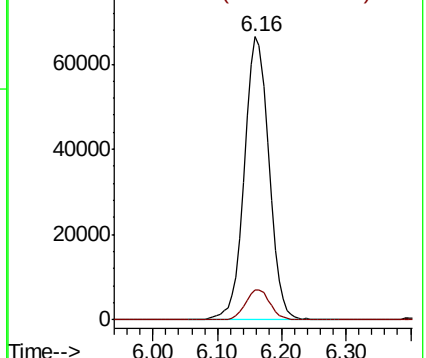
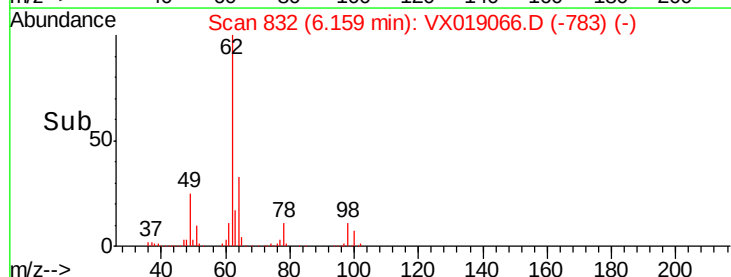
62 100

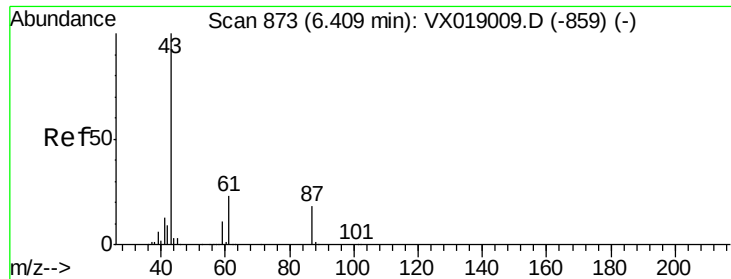
98 10.6 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.406 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

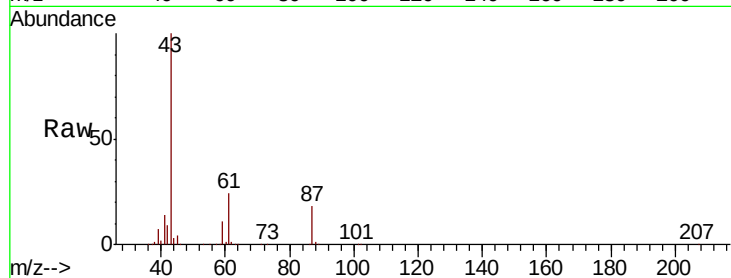
Tot Ion: 43 Resp: 240114

Ion Ratio Lower Upper

43 100

61 23.8 18.7 28.1

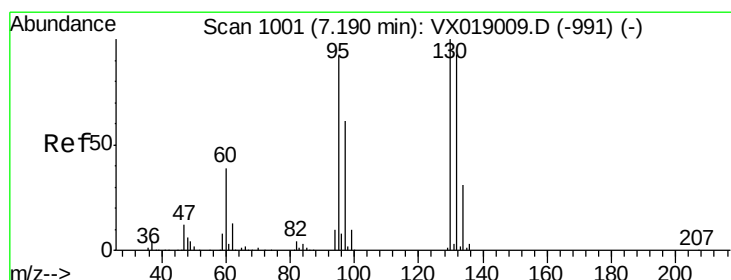
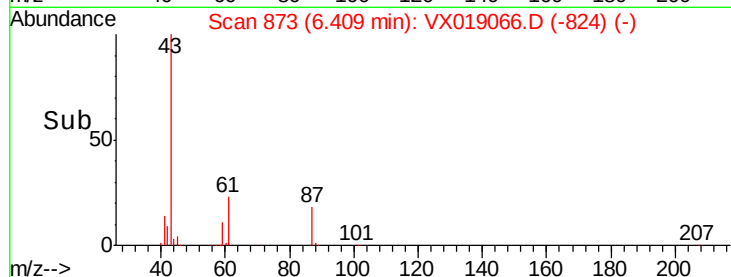
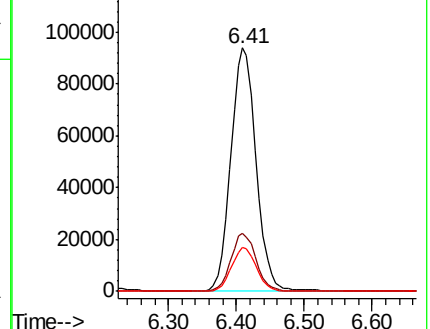
87 17.9 14.2 21.4



Abundance Ion 43.00 (42.70 to 43.70): VX019009.D

Ion 61.00 (60.70 to 61.70): VX019009.D

Ion 87.00 (86.70 to 87.70): VX019009.D



#44

Trichloroethene

Concen: 49.140 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019066.D

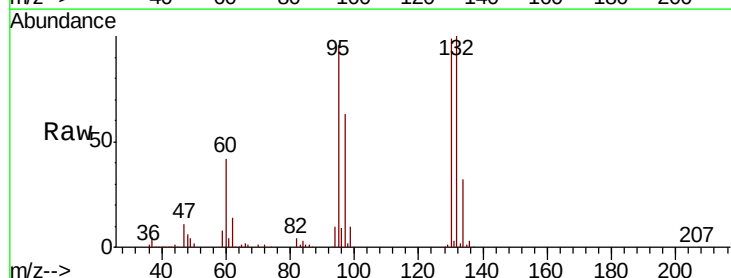
Acq: 23 Oct 2020 06:55

Tgt Ion: 130 Resp: 144832

Ion Ratio Lower Upper

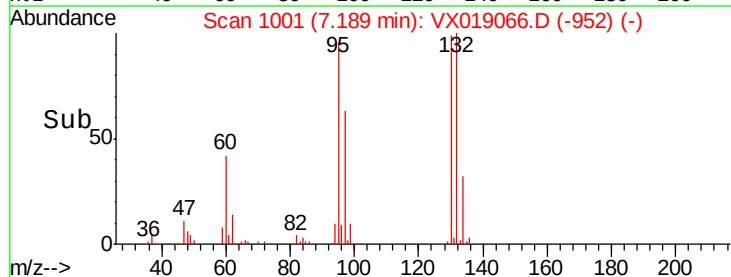
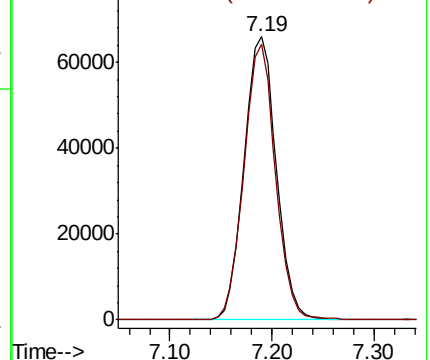
130 100

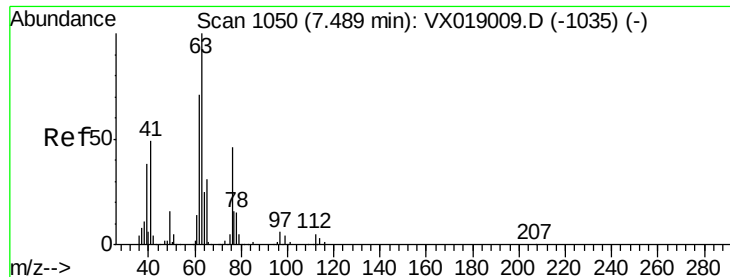
95 97.4 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): VX019009.D

Ion 94.90 (94.60 to 95.60): VX019009.D





#45

1,2-Dichloropropane

Concen: 49.755 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

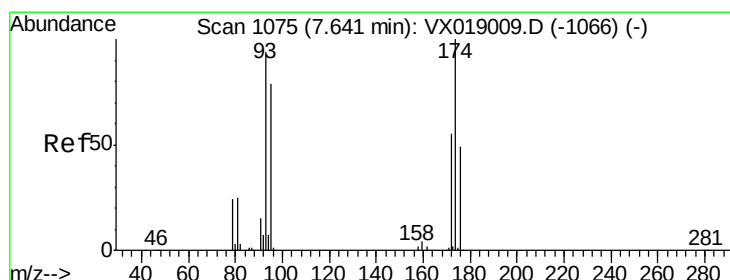
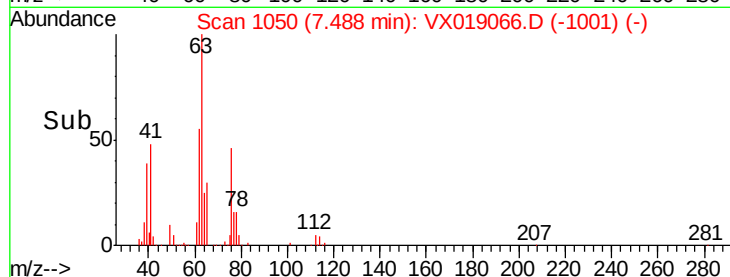
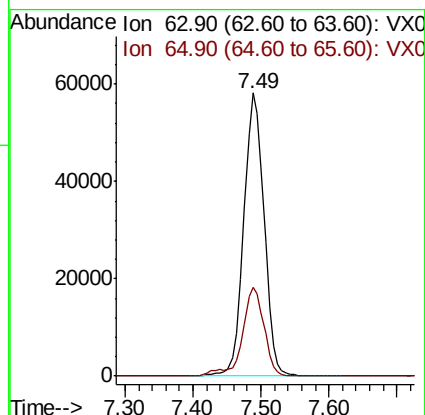
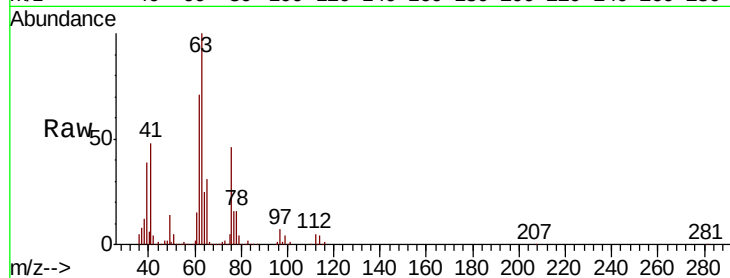
VSTDCCC050EC

Tot Ion: 63 Resp: 120619

Ion Ratio Lower Upper

63 100

65 31.2 24.9 37.3



#46

Dibromomethane

Concen: 50.144 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

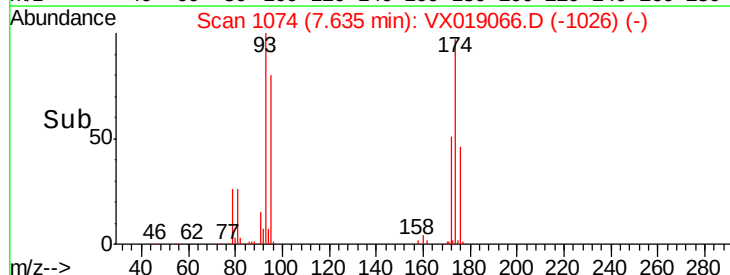
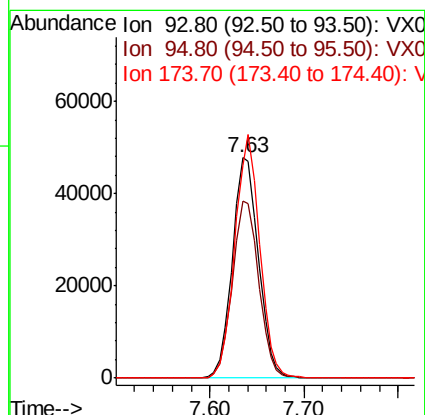
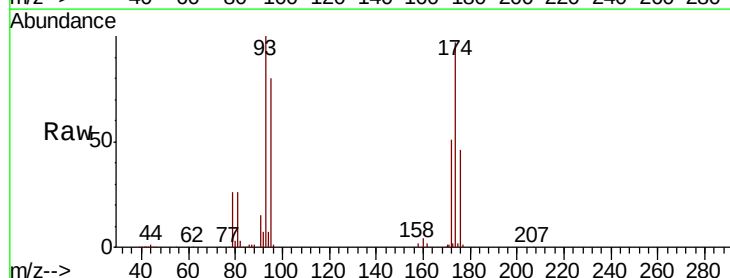
Tgt Ion: 93 Resp: 92587

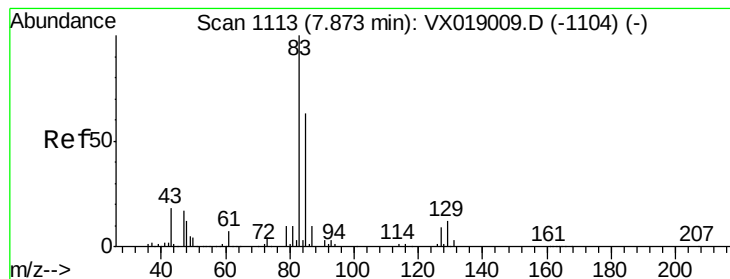
Ion Ratio Lower Upper

93 100

95 81.2 66.8 100.2

174 105.3 83.8 125.8





#47

Bromodichloromethane

Concen: 51.128 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

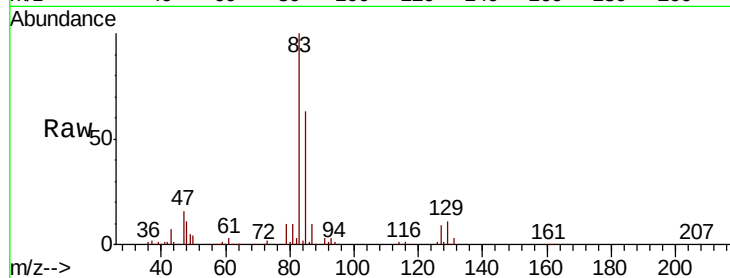
Tot Ion: 83 Resp: 185096

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1

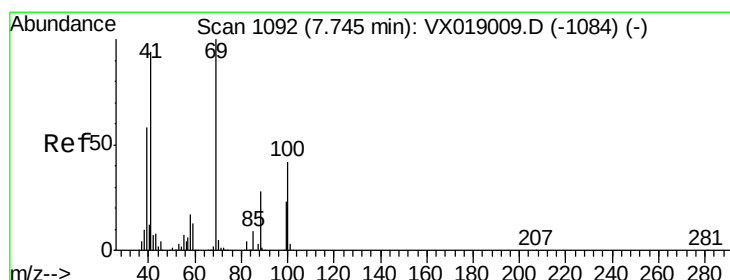
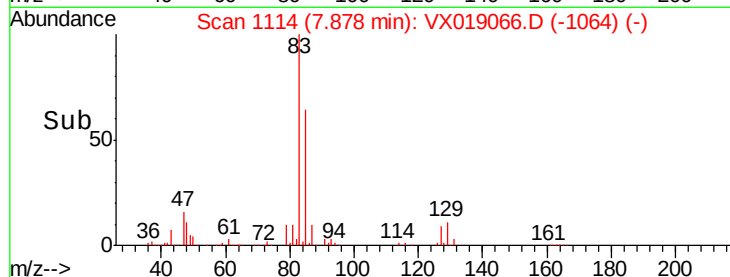
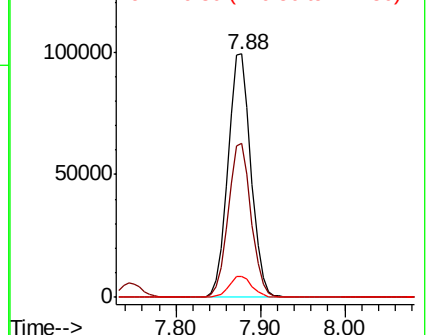
127 8.8 6.8 10.2



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: 46.651 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

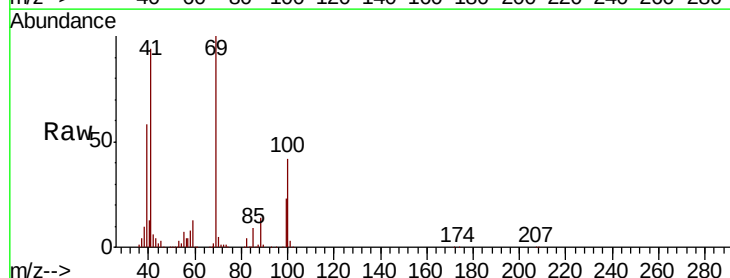
Tgt Ion: 41 Resp: 114021

Ion Ratio Lower Upper

41 100

69 107.8 85.5 128.3

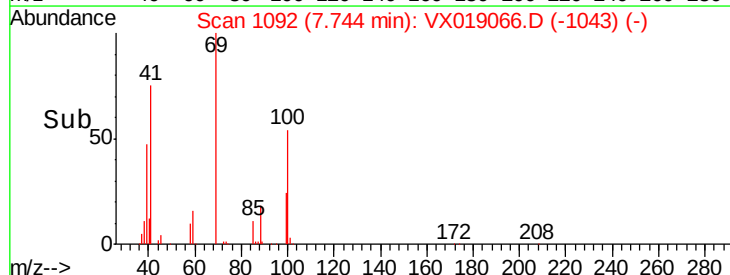
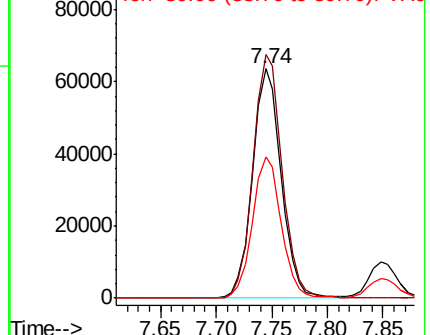
39 62.1 49.3 73.9

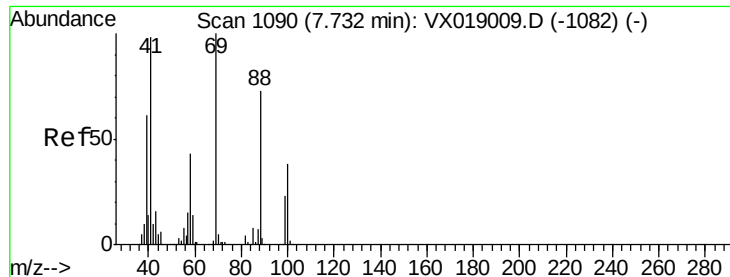


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

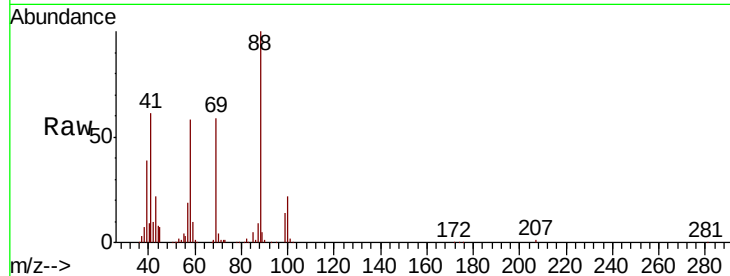




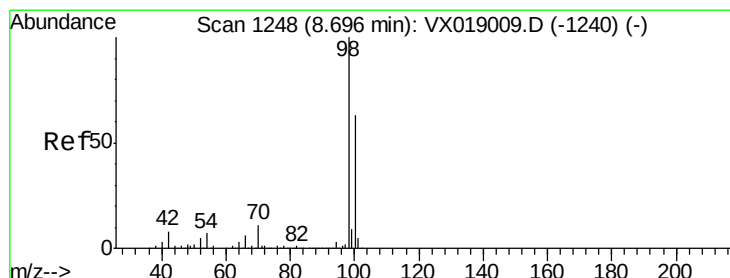
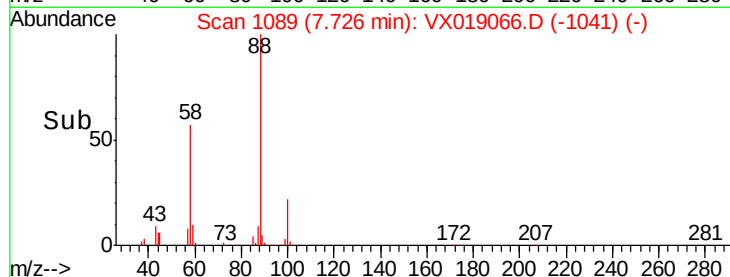
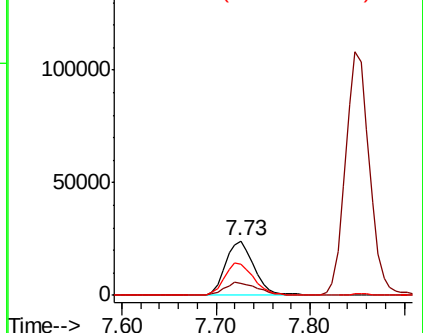
#49
1,4-Dioxane
Concen: 927.006 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 51193
Ion Ratio Lower Upper
88 100
43 25.6 20.3 30.5
58 60.7 48.4 72.6

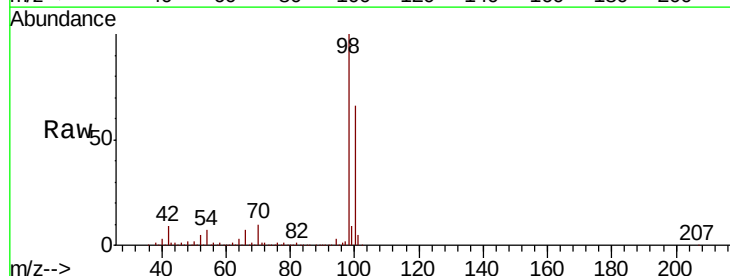


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

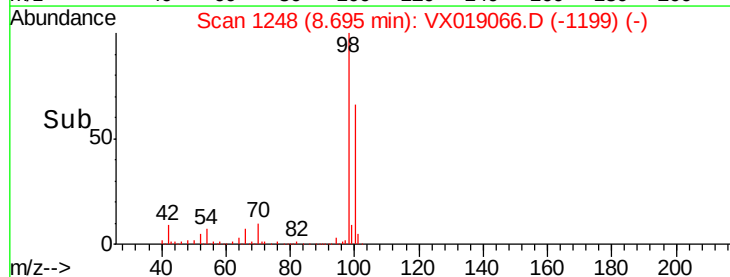
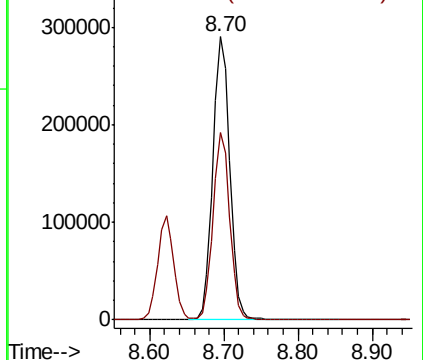


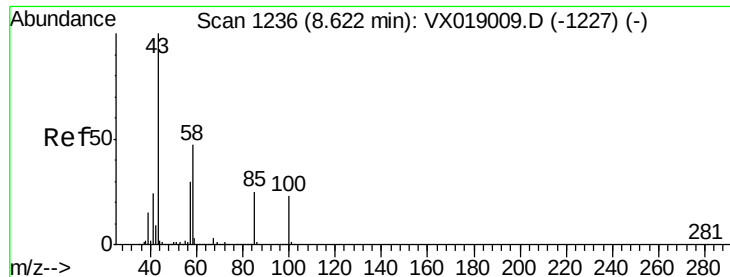
#50
Toluene-d8
Concen: 49.013 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 98 Resp: 452879
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



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: 245.066 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

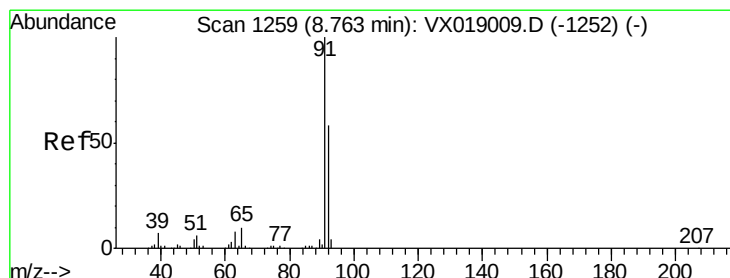
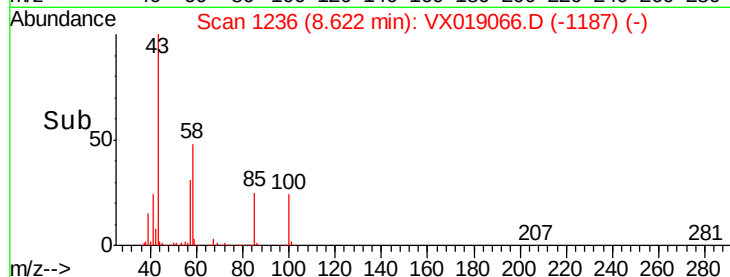
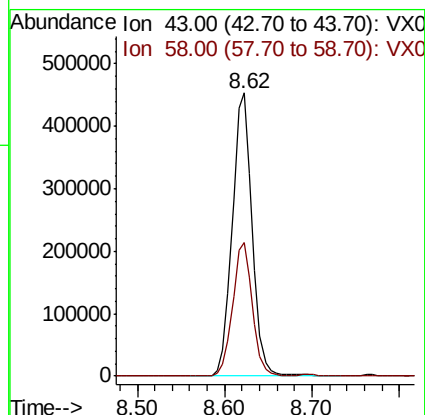
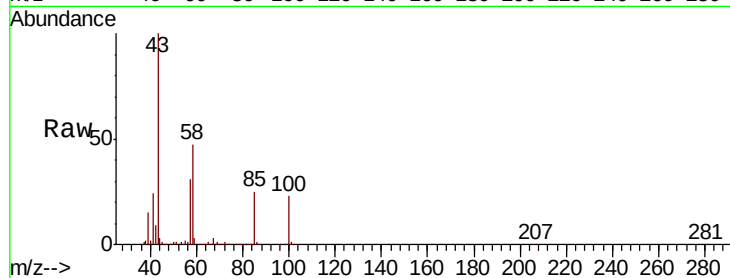
VSTDCCC050EC

Tot Ion: 43 Resp: 716322

Ion Ratio Lower Upper

43 100

58 46.8 37.4 56.0



#52

Toluene

Concen: 50.608 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019066.D

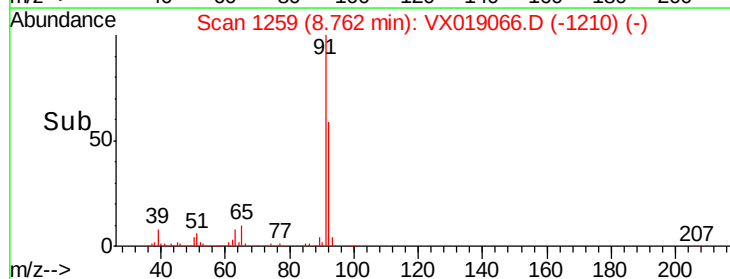
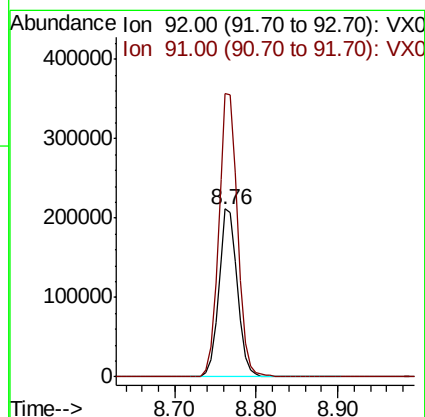
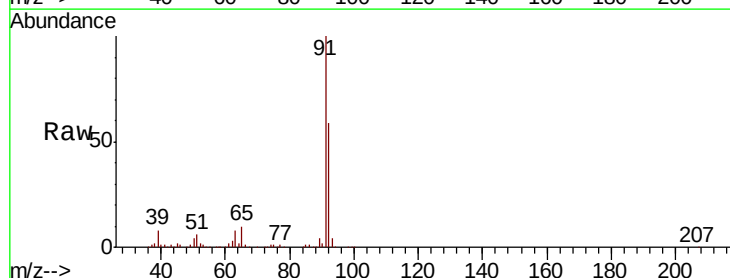
Acq: 23 Oct 2020 06:55

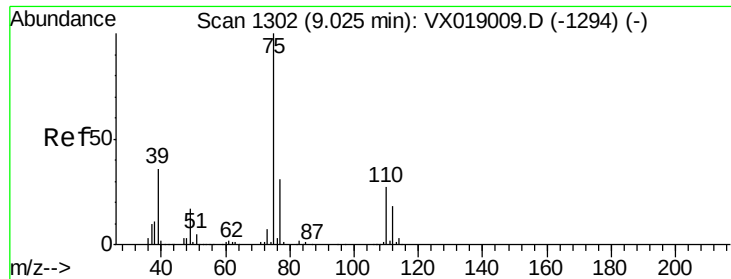
Tgt Ion: 92 Resp: 337821

Ion Ratio Lower Upper

92 100

91 170.9 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 46.945 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

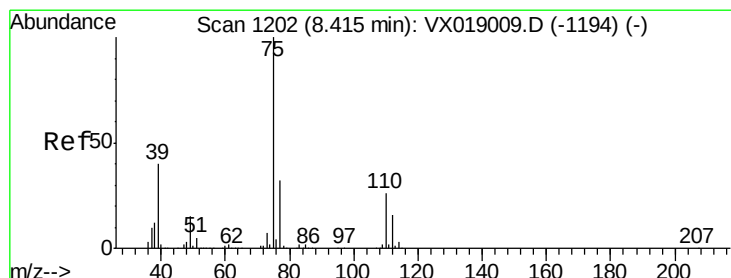
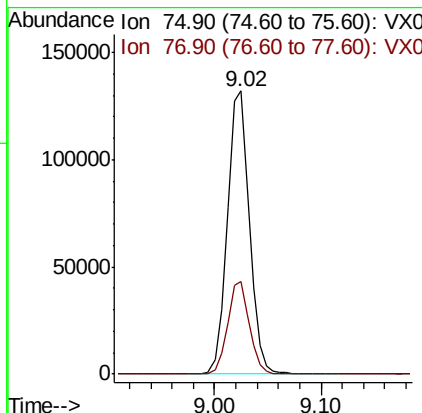
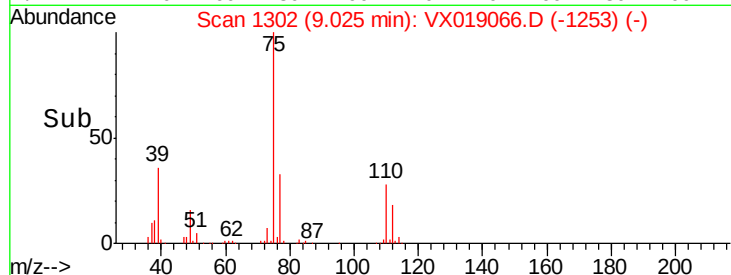
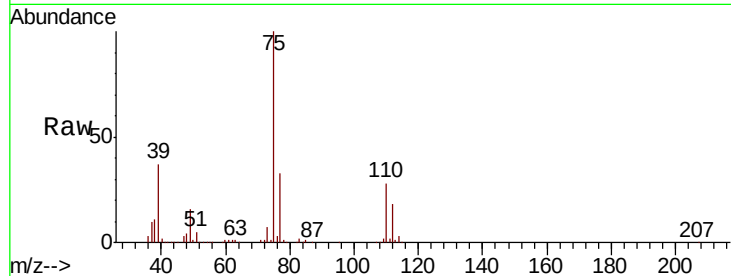
VSTDCCC050EC

Tot Ion: 75 Resp: 191922

Ion Ratio Lower Upper

75 100

77 32.9 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 47.285 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

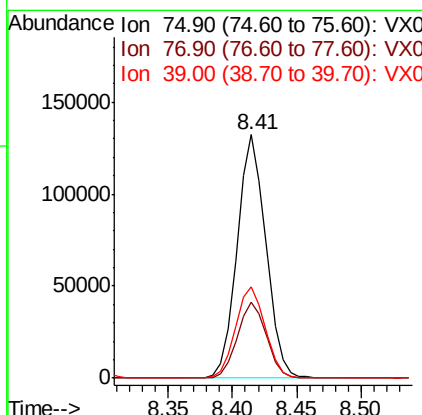
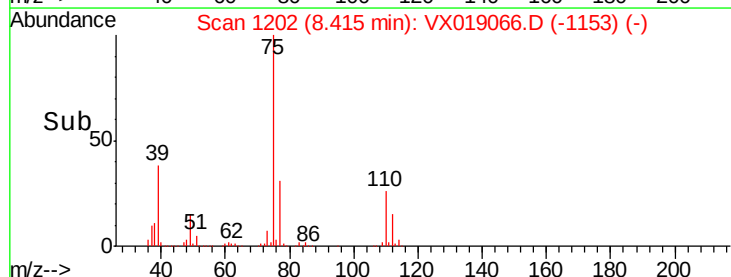
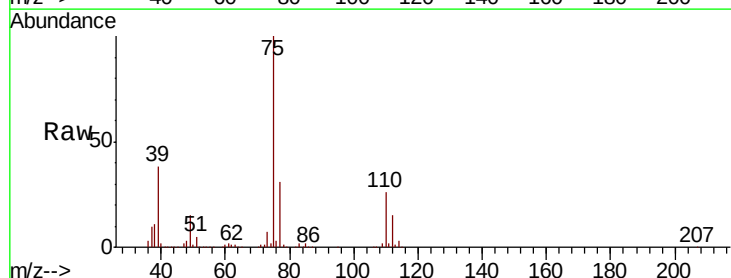
Tgt Ion: 75 Resp: 204135

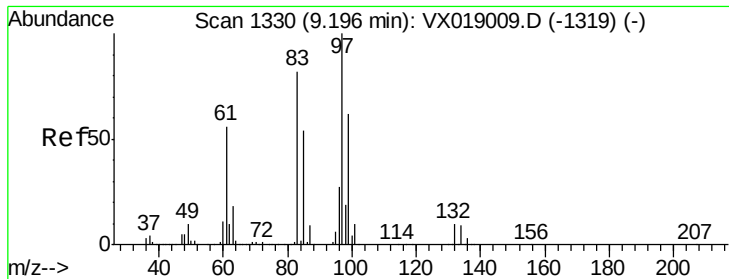
Ion Ratio Lower Upper

75 100

77 31.4 25.9 38.9

39 37.5 31.7 47.5

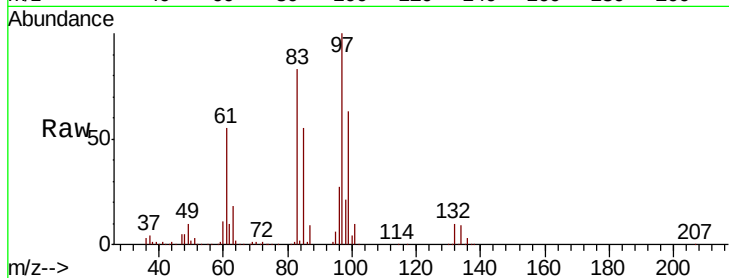




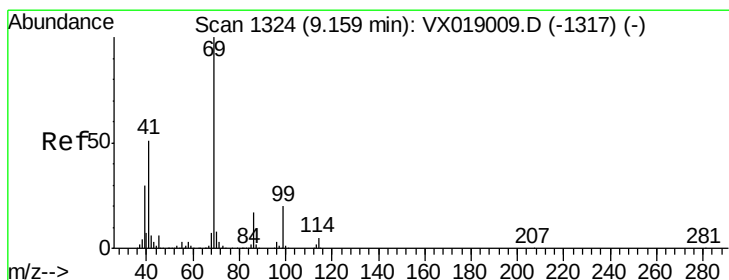
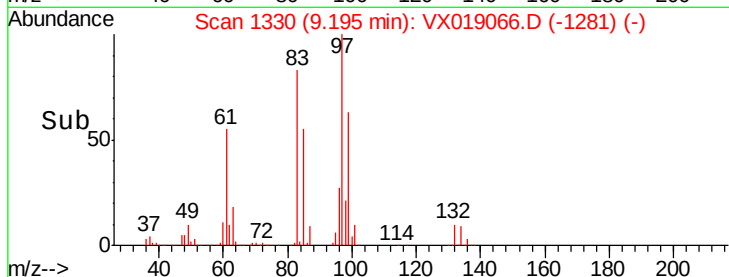
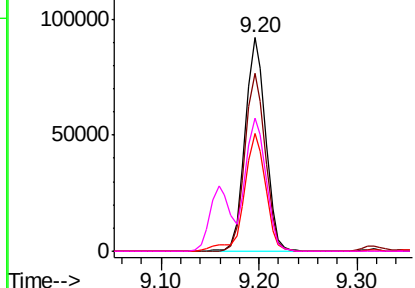
#55
 1,1,2-Trichloroethane
 Concen: 49.320 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	134211
Ion	Ratio	Lower	Upper
97	100		
83	83.5	65.4	98.2
85	55.1	43.3	64.9
99	62.5	50.0	75.0

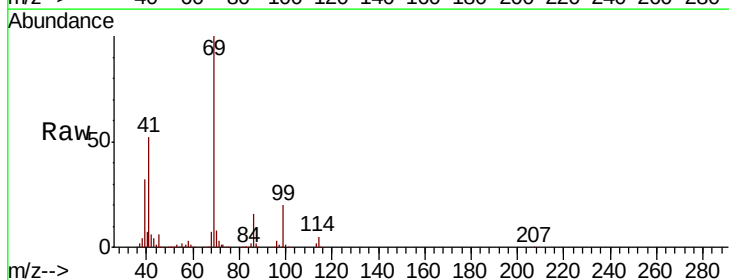


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

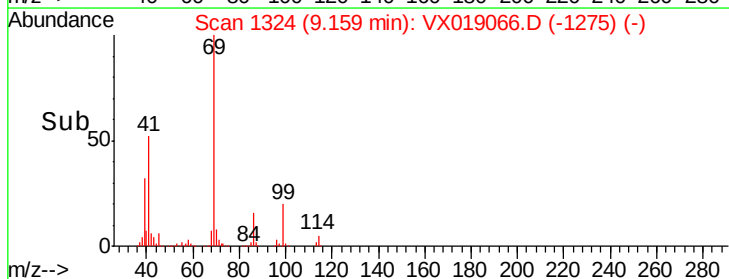
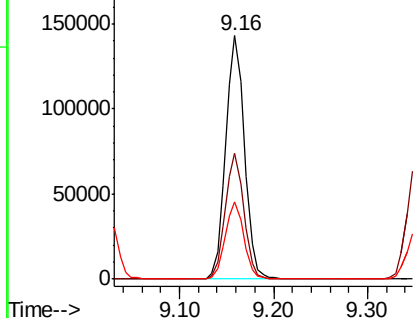


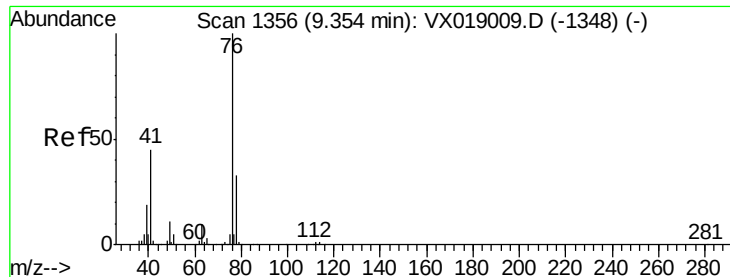
#56
 Ethyl methacrylate
 Concen: 50.753 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion:	69	Resp:	198697
Ion	Ratio	Lower	Upper
69	100		
41	51.1	41.1	61.7
39	31.3	24.6	37.0



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.568 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

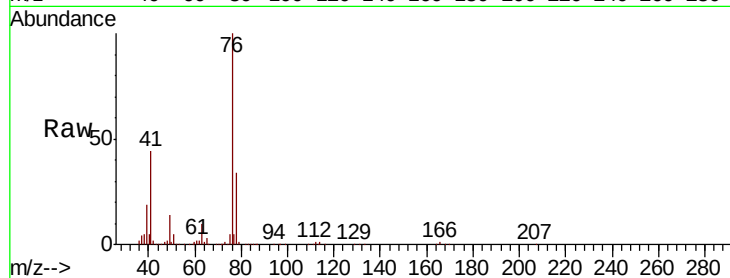
VSTDCCC050EC

Tot Ion: 76 Resp: 218416

Ion Ratio Lower Upper

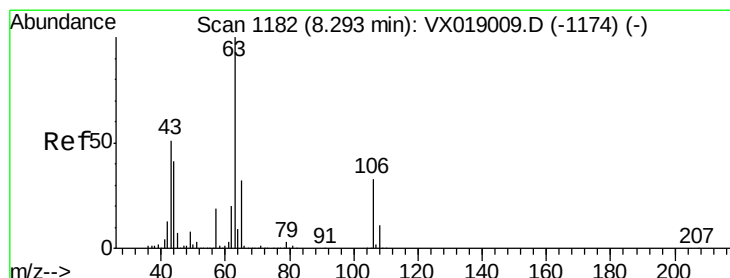
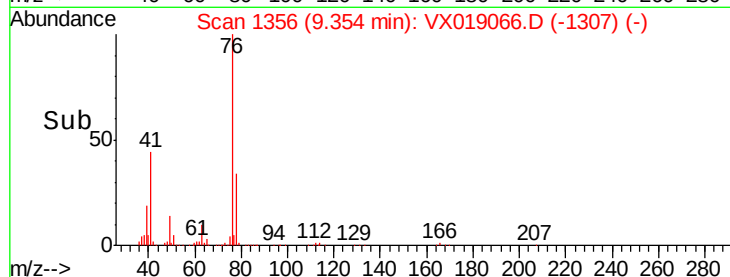
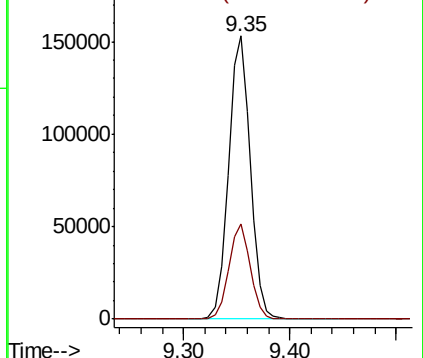
76 100

78 33.3 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 245.363 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX019066.D

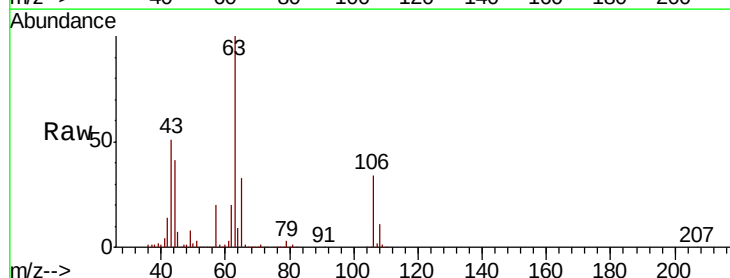
Acq: 23 Oct 2020 06:55

Tgt Ion: 63 Resp: 504612

Ion Ratio Lower Upper

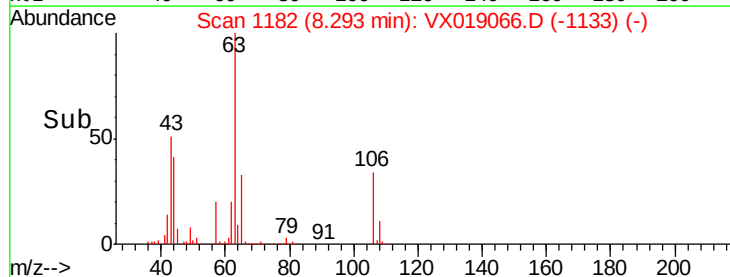
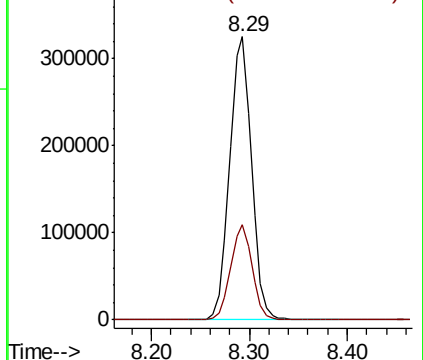
63 100

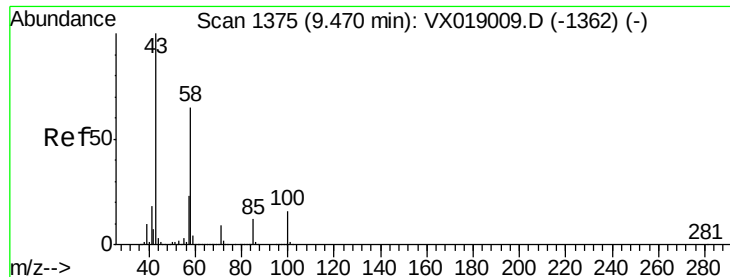
106 33.1 26.0 39.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

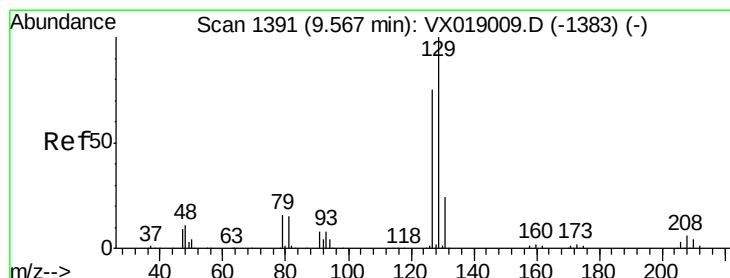
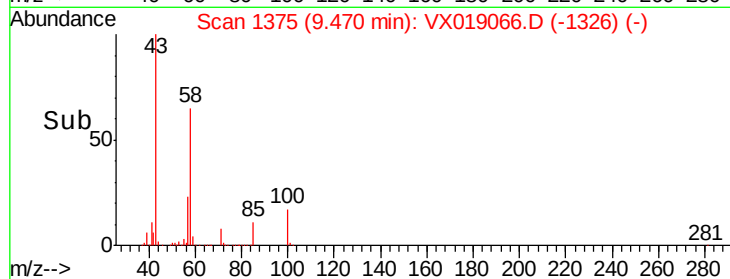
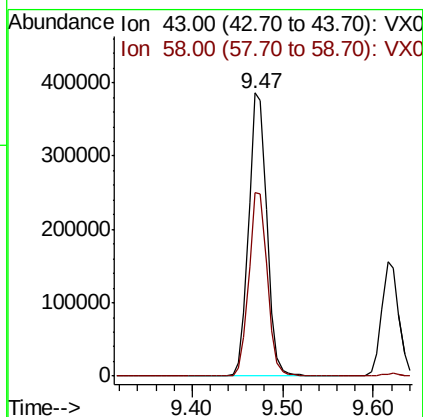
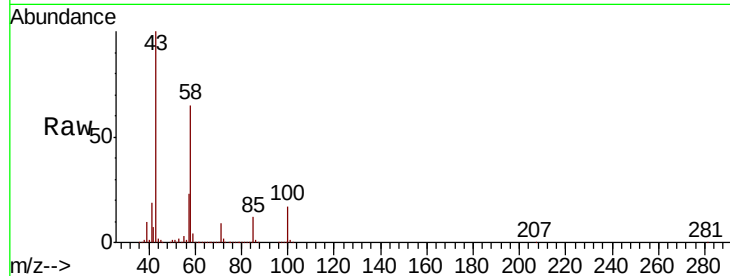




#59
2-Hexanone
Concen: 245.742 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

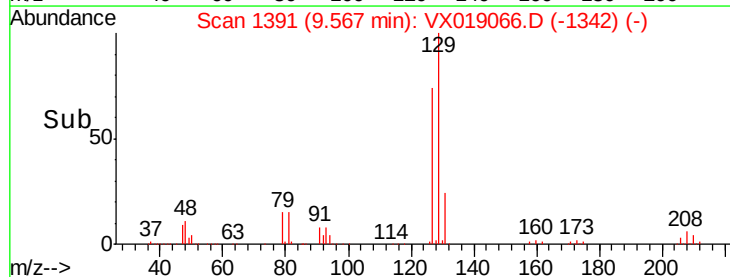
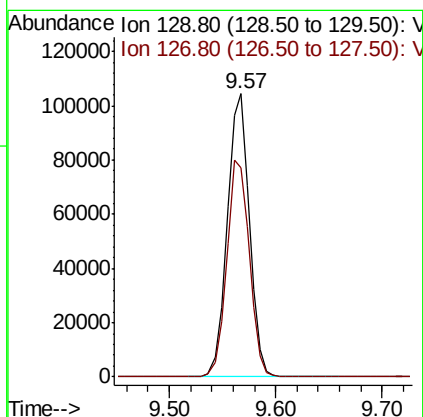
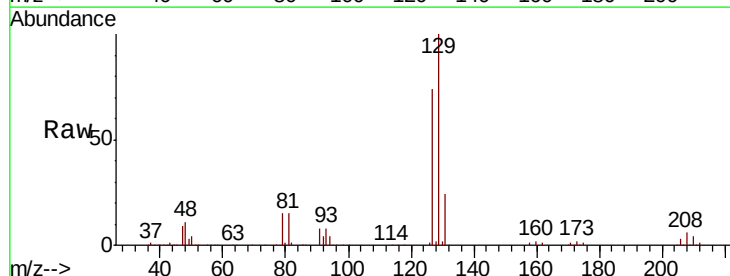
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

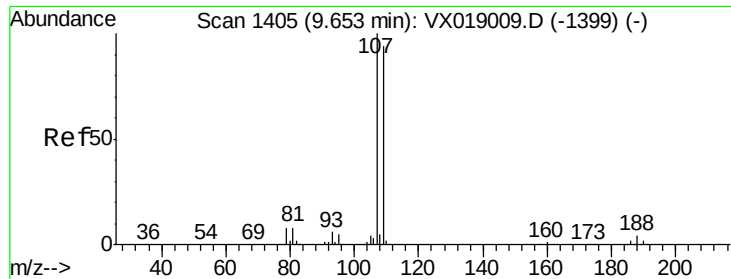
Tot Ion: 43 Resp: 535286
Ion Ratio Lower Upper
43 100
58 65.7 32.8 98.4



#60
Dibromochloromethane
Concen: 51.201 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 129 Resp: 151859
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.7





#61

1,2-Dibromoethane

Concen: 50.669 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

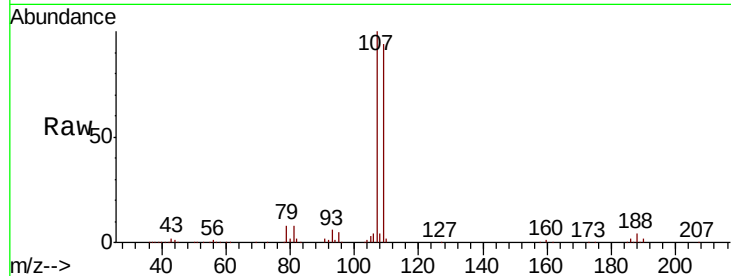
VSTDCCC050EC

Tot Ion:107 Resp: 147524

Ion Ratio Lower Upper

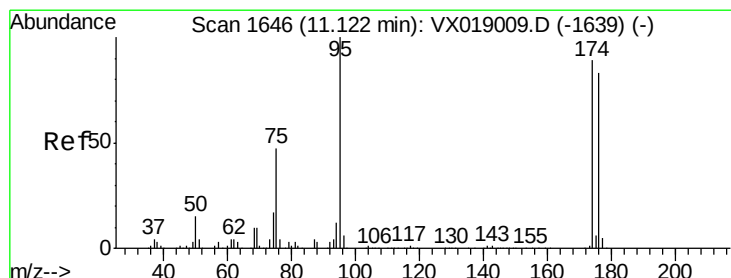
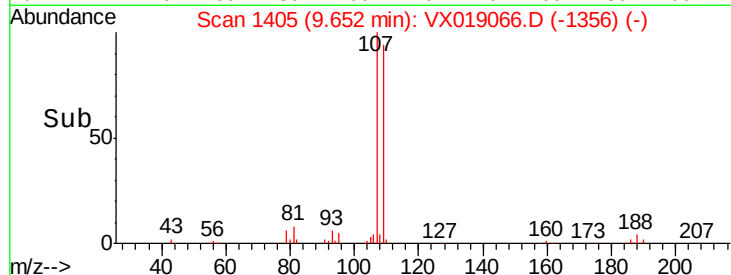
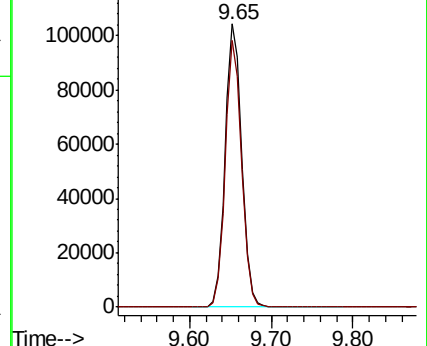
107 100

109 93.1 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.278 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

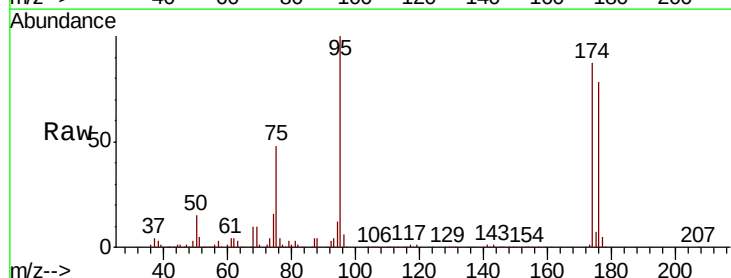
Tgt Ion: 95 Resp: 165246

Ion Ratio Lower Upper

95 100

174 85.7 0.0 167.6

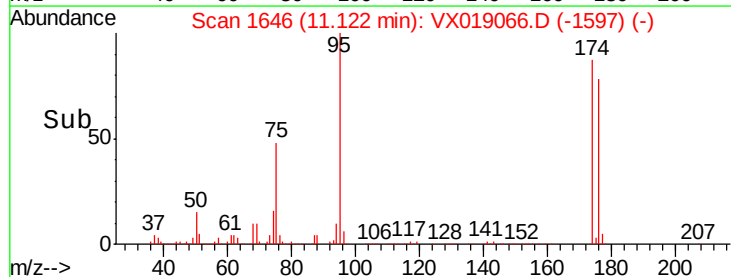
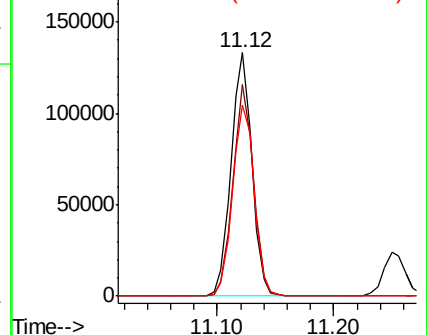
176 81.5 0.0 165.2

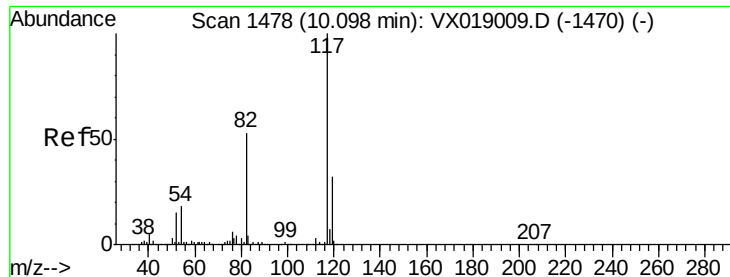


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

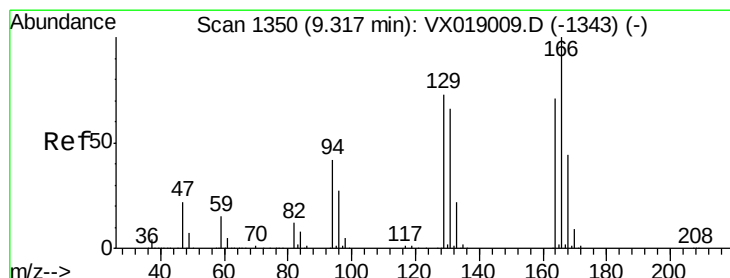
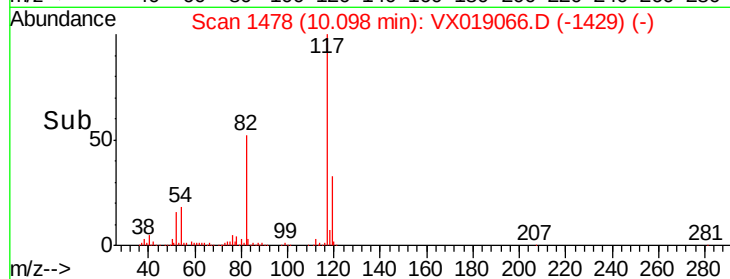
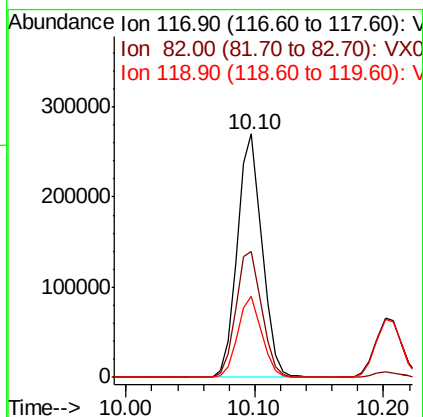
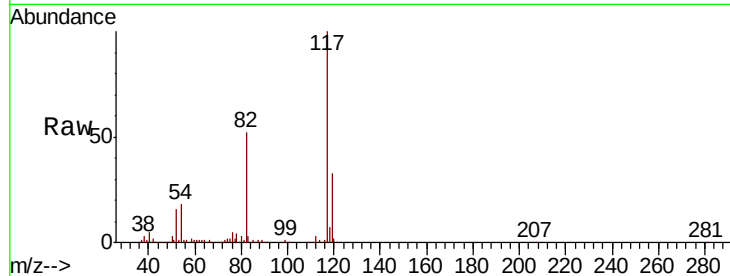




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

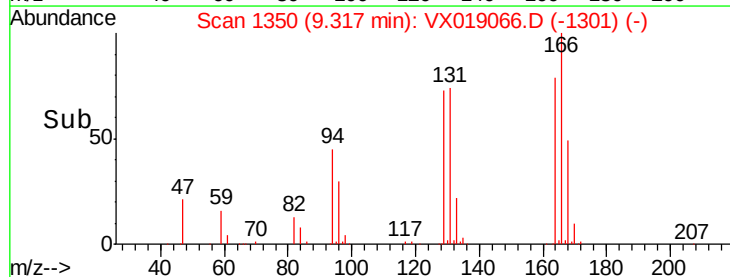
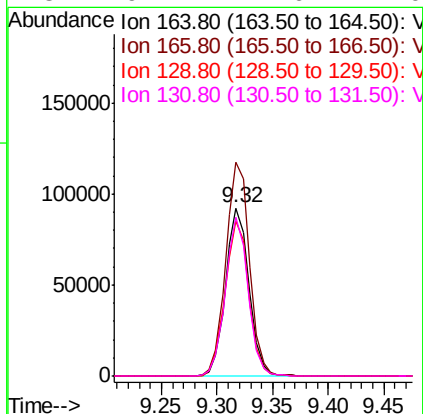
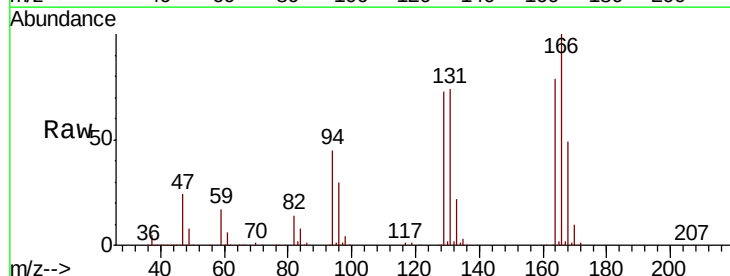
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

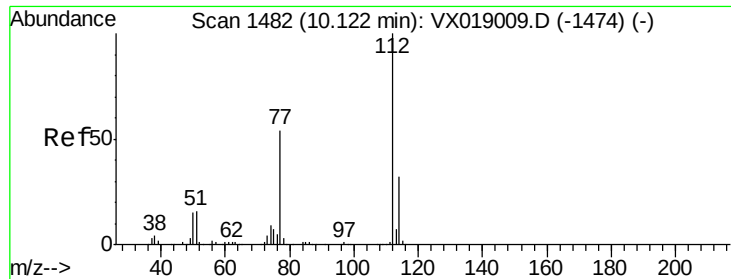
Tot Ion:117 Resp: 361264
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 33.3 25.6 38.4



#64
Tetrachloroethene
Concen: 48.499 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion:164 Resp: 133398
Ion Ratio Lower Upper
164 100
166 127.2 112.2 168.4
129 92.3 81.8 122.8
131 94.4 74.6 112.0

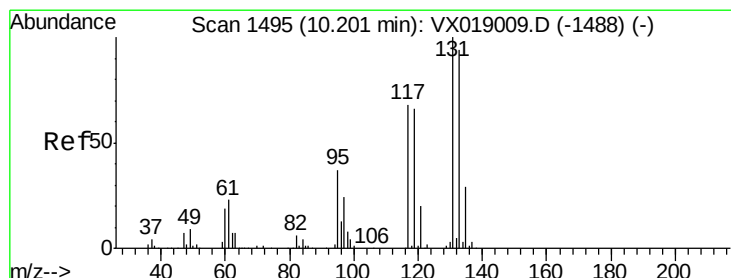
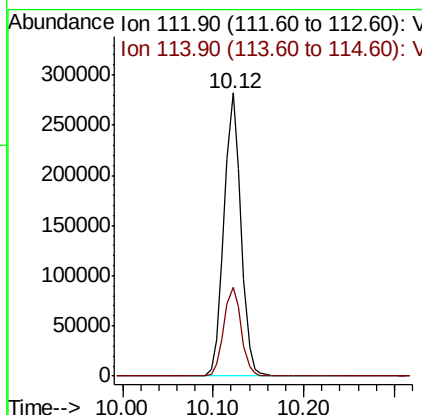
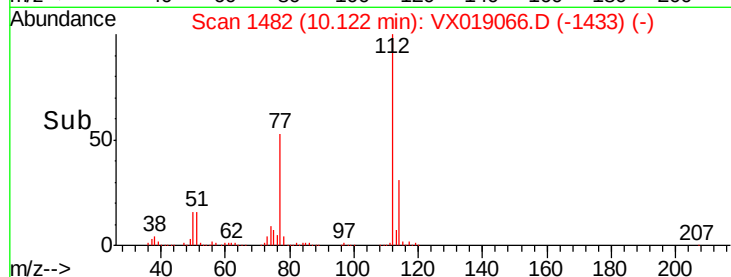
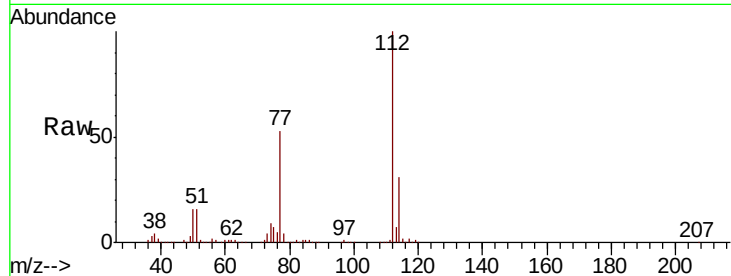




#65
Chlorobenzene
Concen: 48.492 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

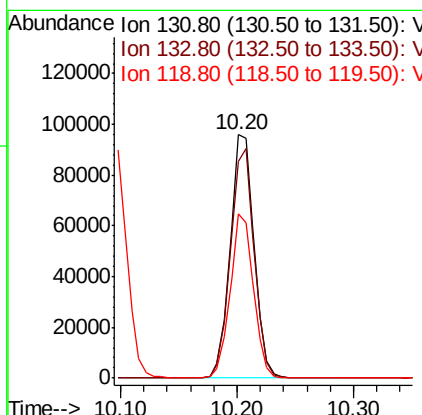
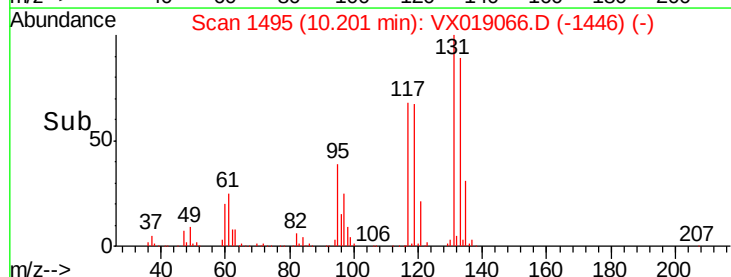
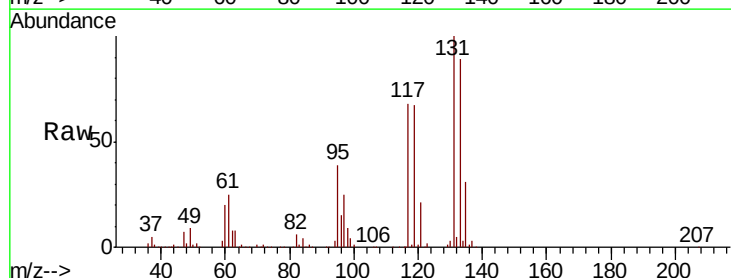
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

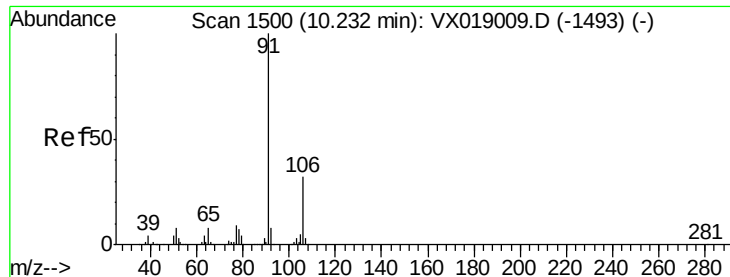
Tot Ion:112 Resp: 367465
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.730 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion:131 Resp: 136675
Ion Ratio Lower Upper
131 100
133 93.7 47.0 141.2
119 65.9 32.9 98.7

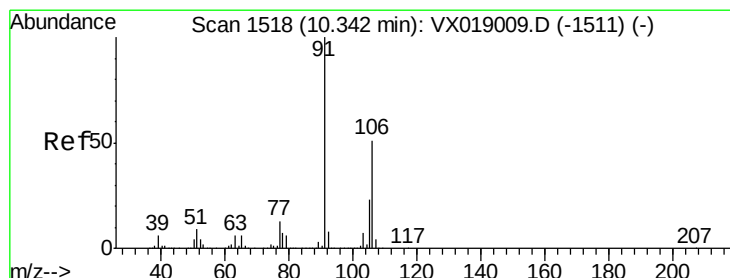
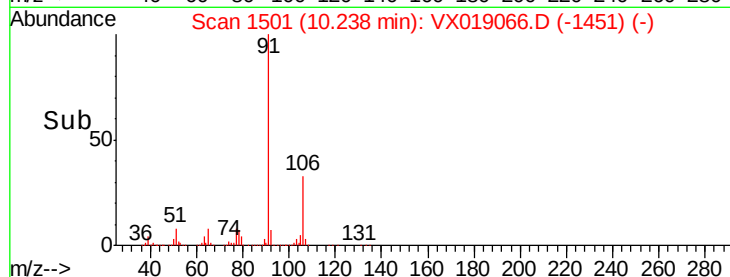
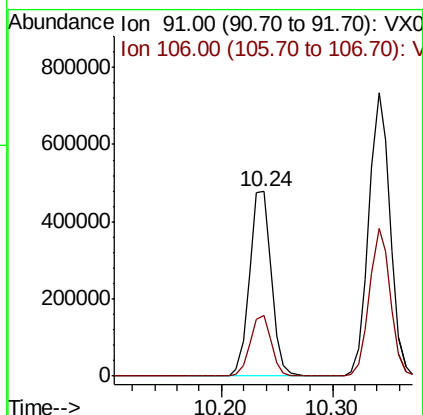
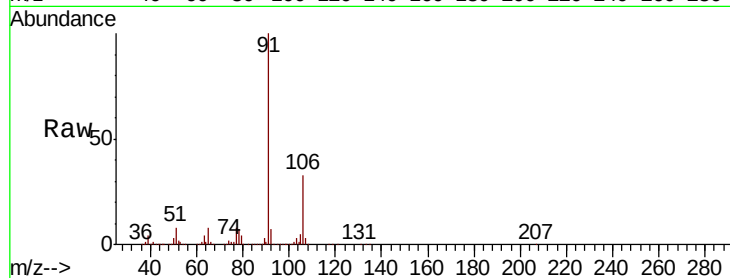




#67
Ethyl Benzene
Concen: 49.733 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

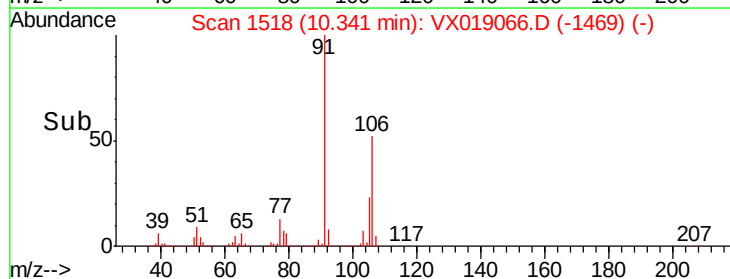
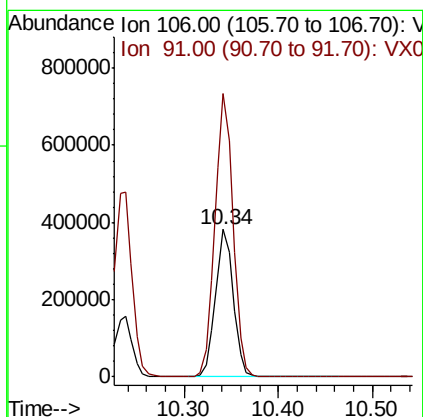
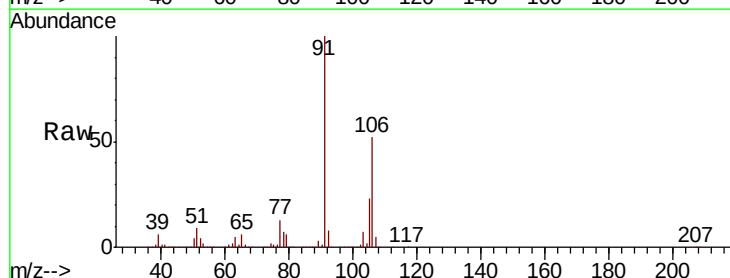
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

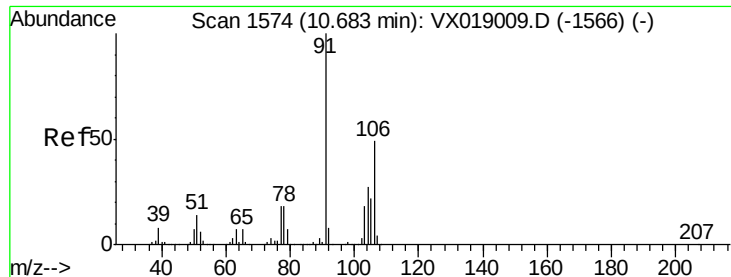
Tot Ion: 91 Resp: 649621
Ion Ratio Lower Upper
91 100
106 32.7 25.3 37.9



#68
m/p-Xylenes
Concen: 100.790 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 106 Resp: 504319
Ion Ratio Lower Upper
106 100
91 194.7 156.9 235.3

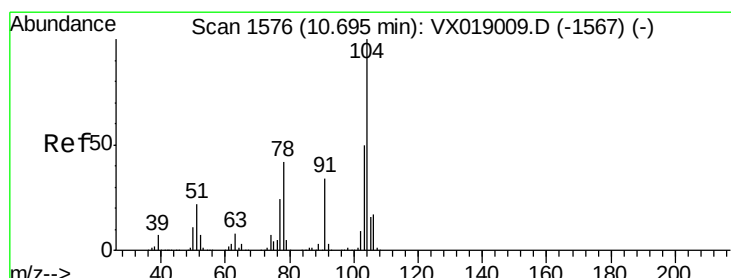
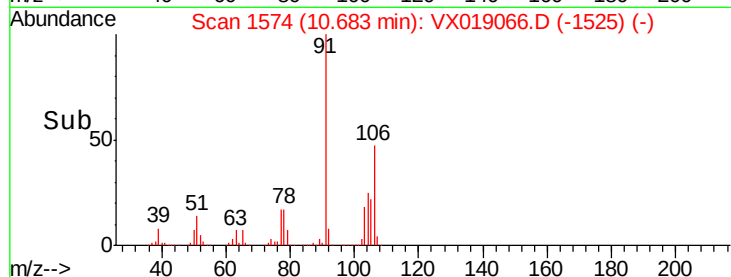
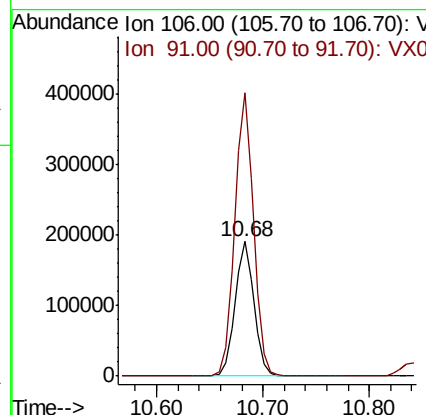
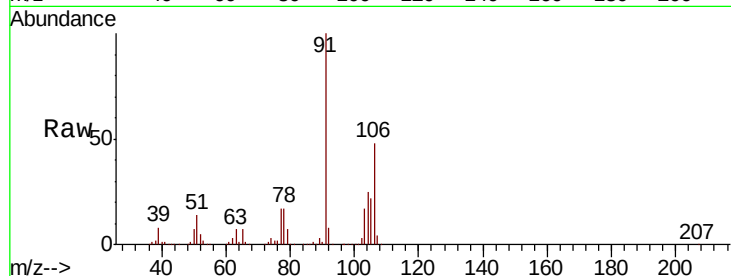




#69
o-Xylene
Concen: 49.559 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

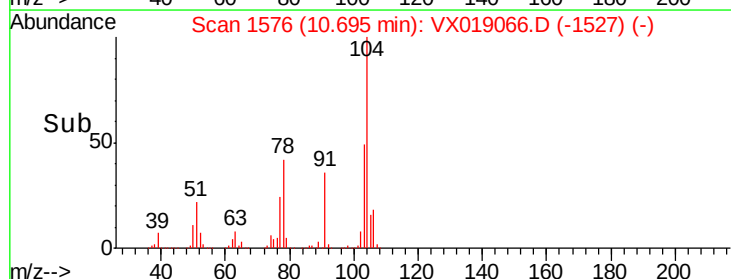
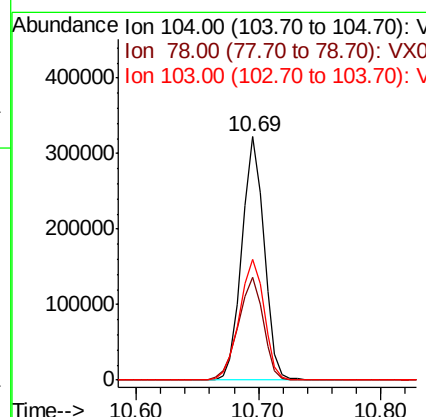
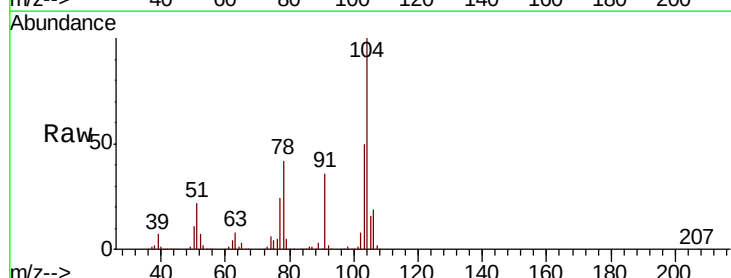
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

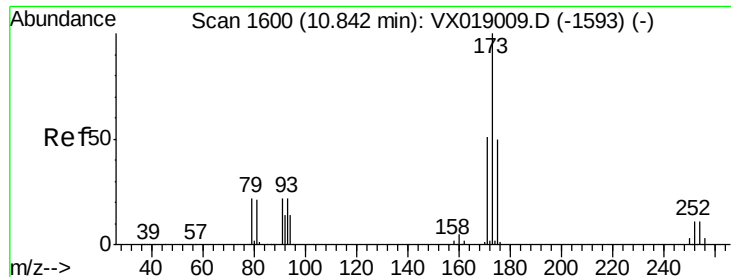
Tot Ion:106 Resp: 237330
Ion Ratio Lower Upper
106 100
91 209.0 104.0 312.0



#70
Styrene
Concen: 49.661 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion:104 Resp: 403767
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 55.6 43.5 65.3





#71

Bromoform

Concen: 49.414 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

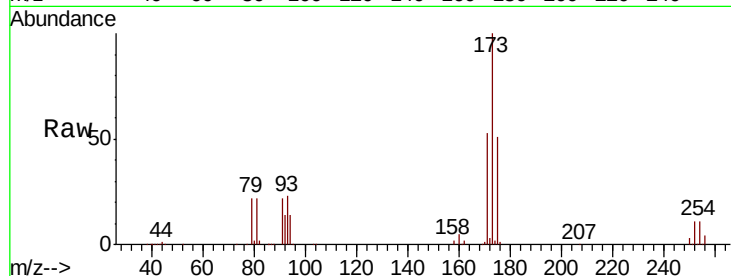
Tot Ion:173 Resp: 107471

Ion Ratio Lower Upper

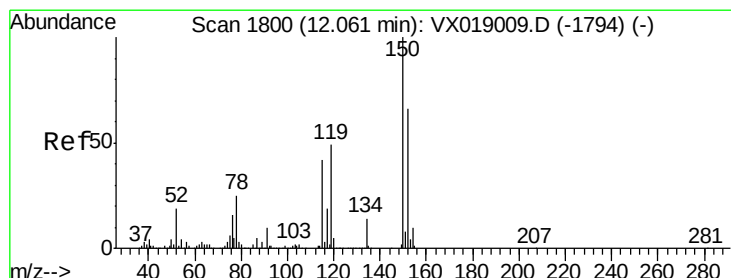
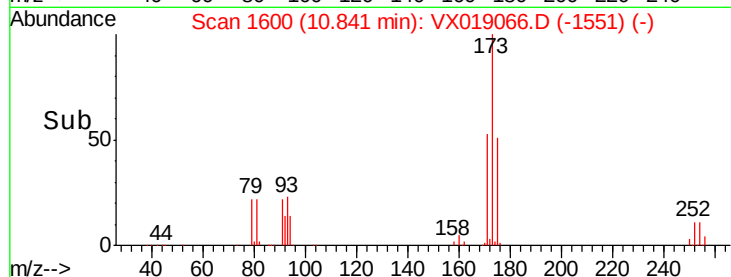
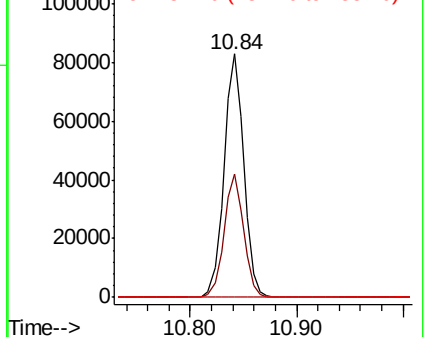
173 100

175 50.1 24.1 72.4

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: VX019066.D

Acq: 23 Oct 2020 06:55

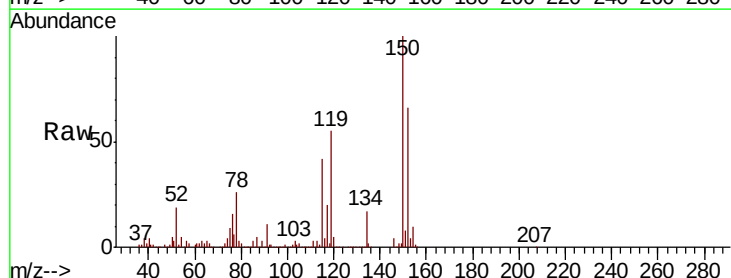
Tgt Ion:152 Resp: 191759

Ion Ratio Lower Upper

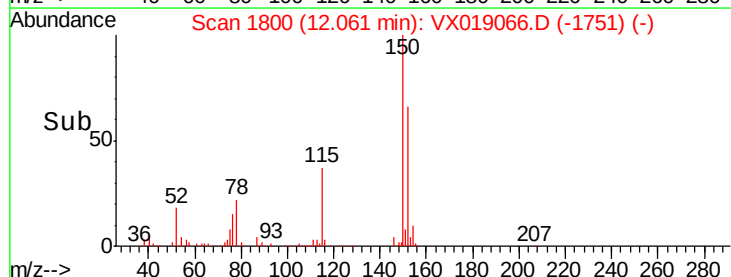
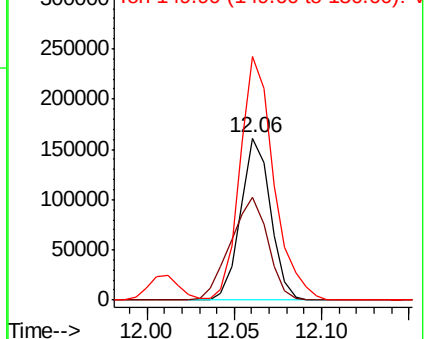
152 100

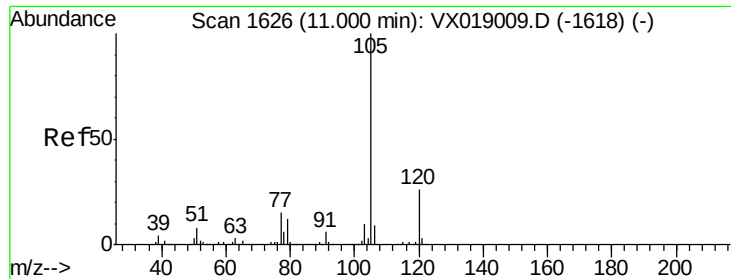
115 79.8 40.8 122.5

150 170.2 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.420 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

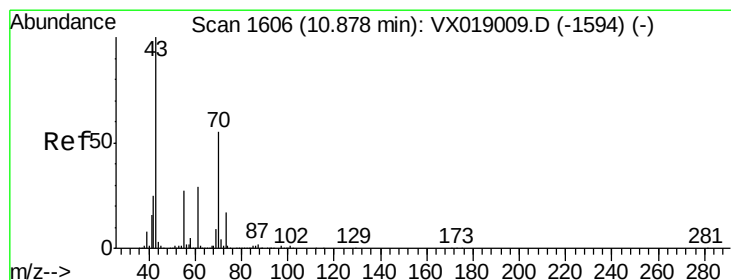
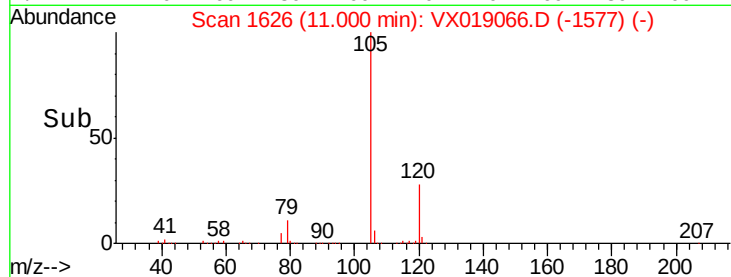
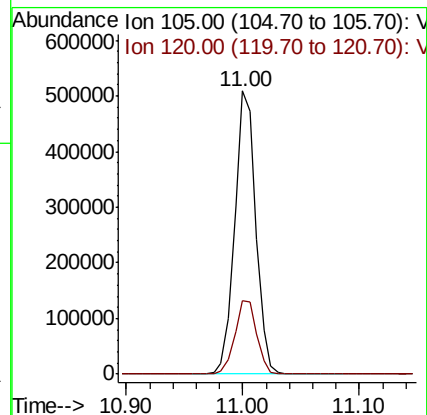
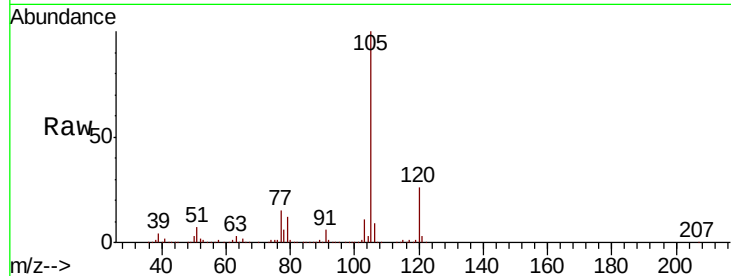
VSTDCCC050EC

Tot Ion:105 Resp: 640353

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.1



#74

N-amyl acetate

Concen: 47.555 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Tgt Ion: 43 Resp: 210181

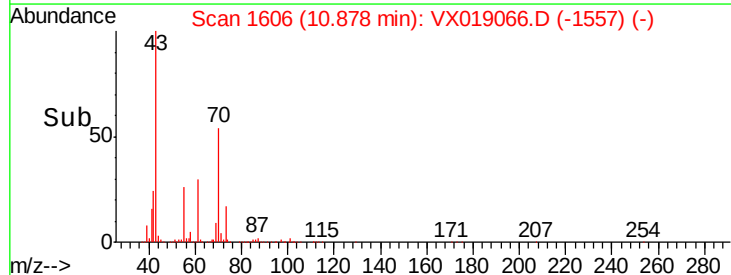
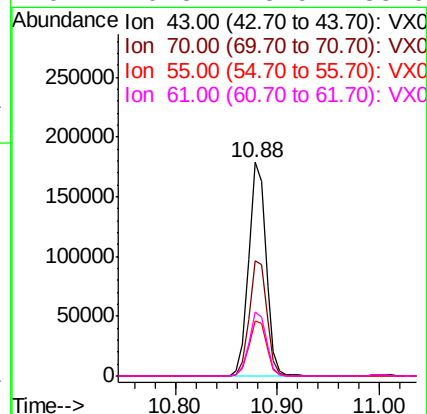
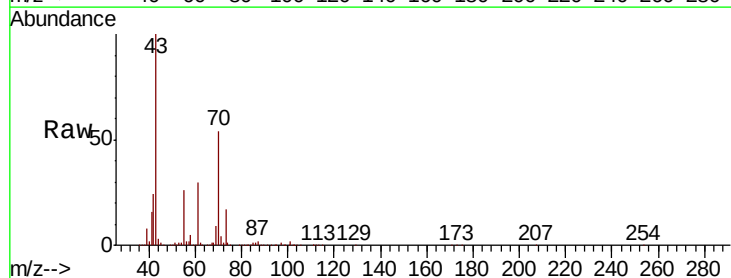
Ion Ratio Lower Upper

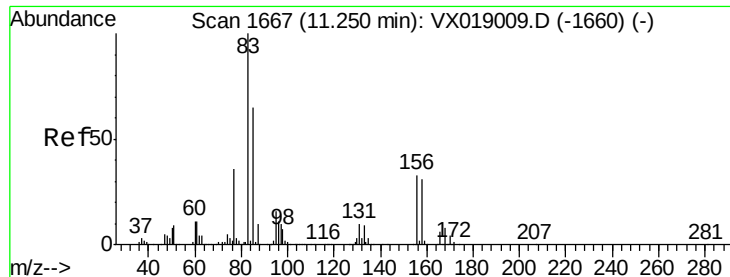
43 100

70 54.8 44.5 66.7

55 26.7 21.9 32.9

61 29.8 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 47.148 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

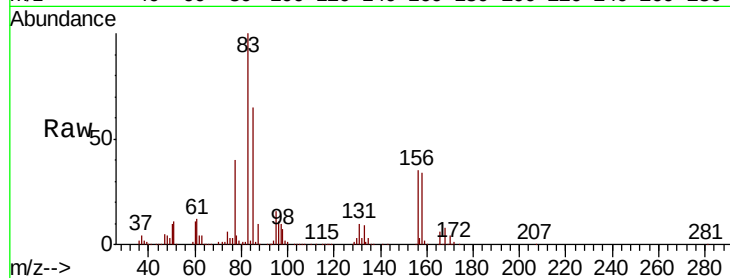
Tot Ion: 83 Resp: 195936

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.4

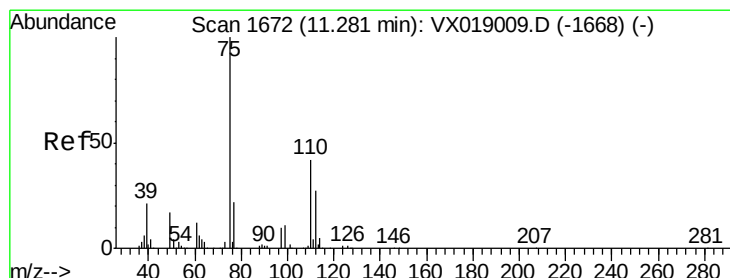
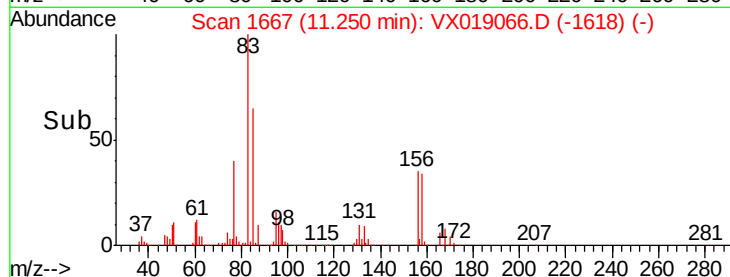
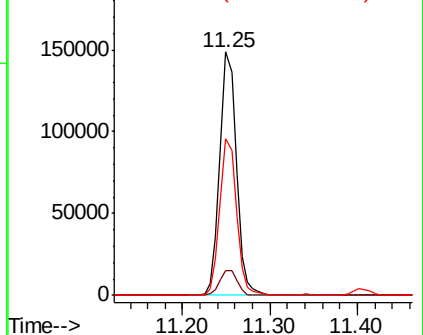
85 64.8 32.3 96.8



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: 57.808 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019066.D

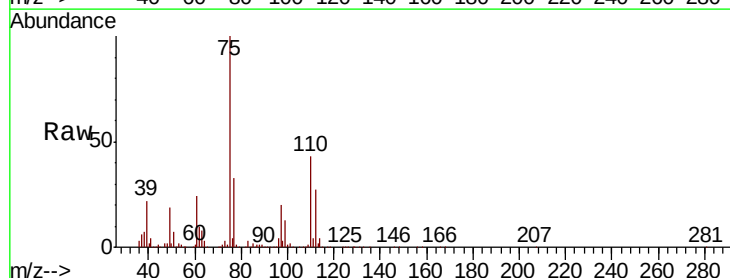
Acq: 23 Oct 2020 06:55

Tgt Ion: 75 Resp: 221562

Ion Ratio Lower Upper

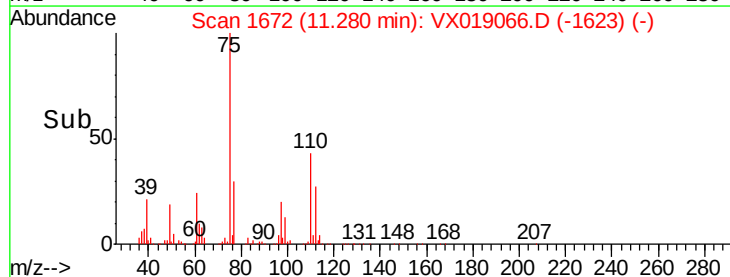
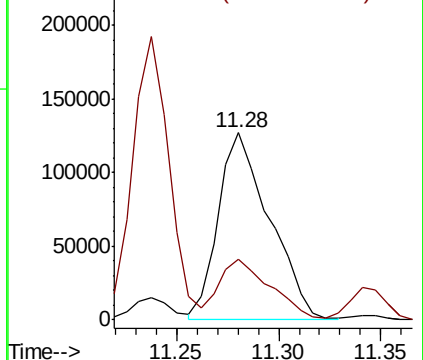
75 100

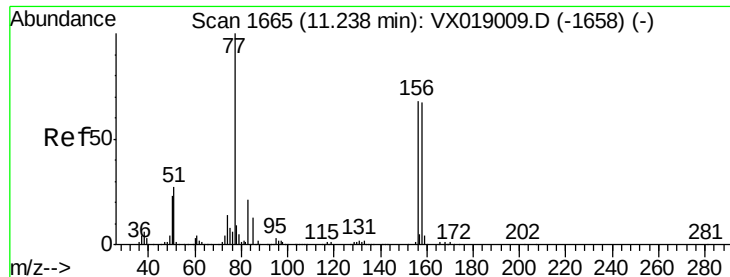
77 32.2 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.320 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

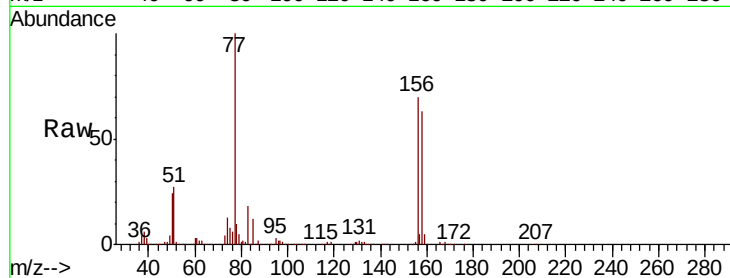
Tot Ion:156 Resp: 164856

Ion Ratio Lower Upper

156 100

77 145.6 74.4 223.1

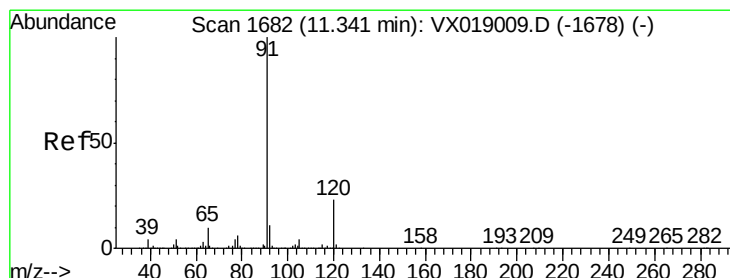
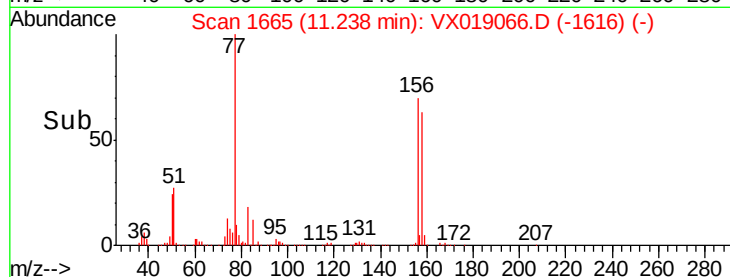
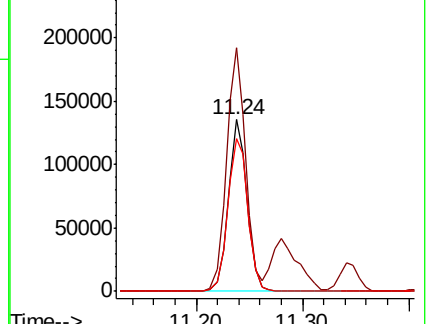
158 96.0 48.8 146.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.219 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019066.D

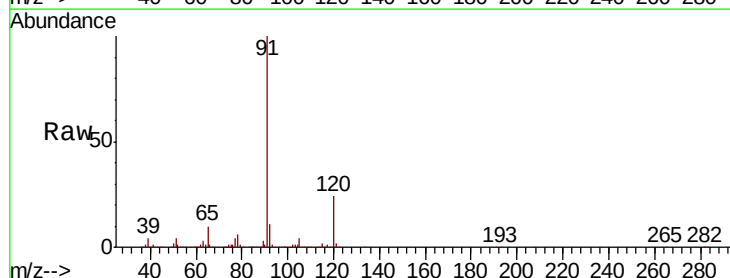
Acq: 23 Oct 2020 06:55

Tgt Ion: 91 Resp: 722456

Ion Ratio Lower Upper

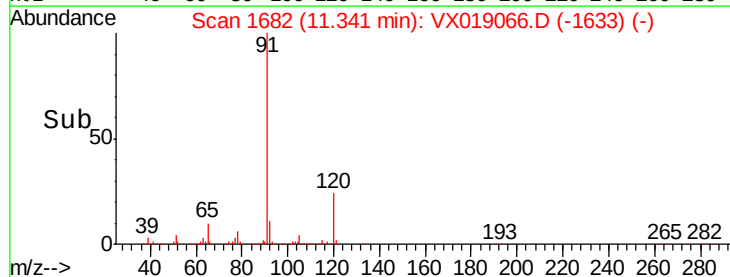
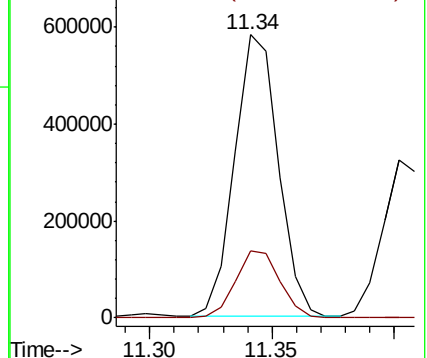
91 100

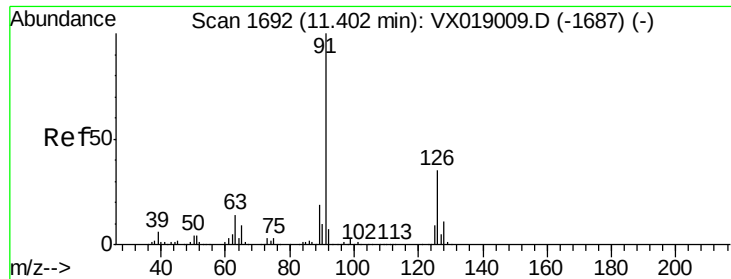
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

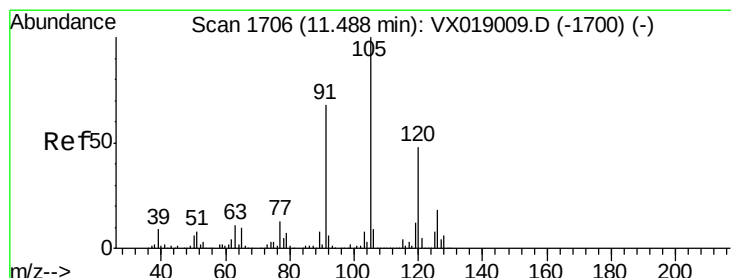
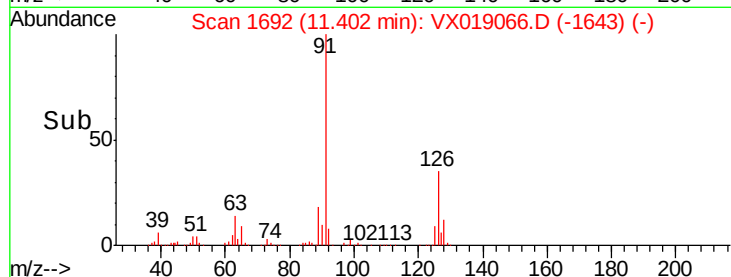
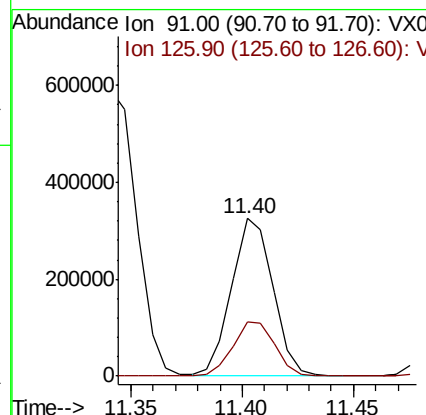
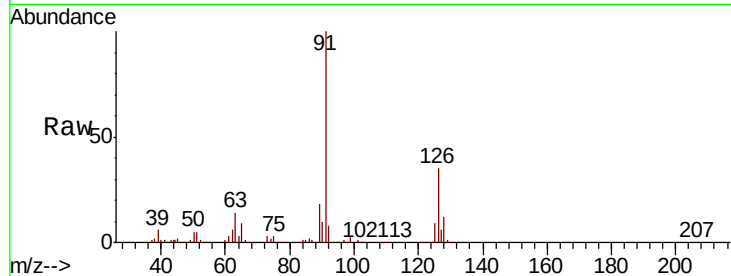




#79
2-Chlorotoluene
Concen: 46.022 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

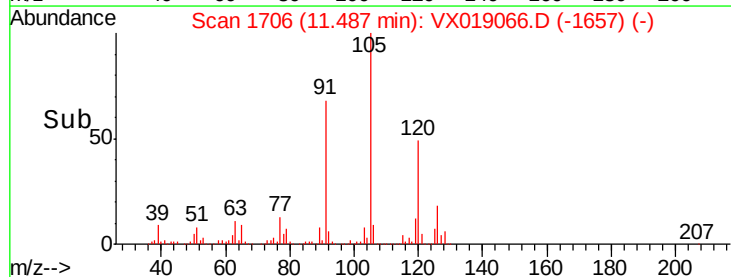
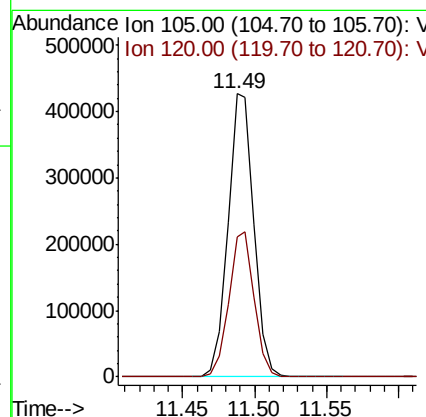
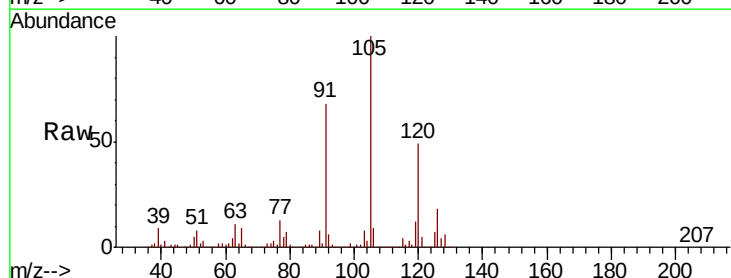
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

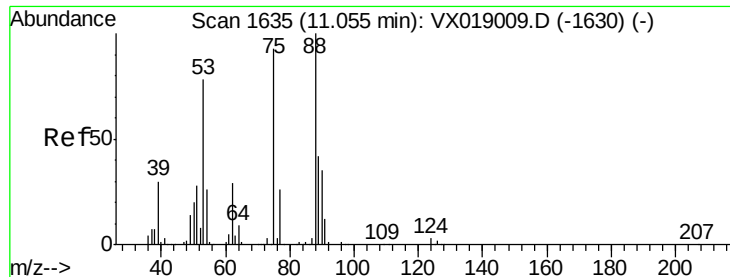
Tot Ion: 91 Resp: 419671
Ion Ratio Lower Upper
91 100
126 35.4 17.5 52.5



#80
1,3,5-Trimethylbenzene
Concen: 47.134 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 105 Resp: 536933
Ion Ratio Lower Upper
105 100
120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 39.367 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

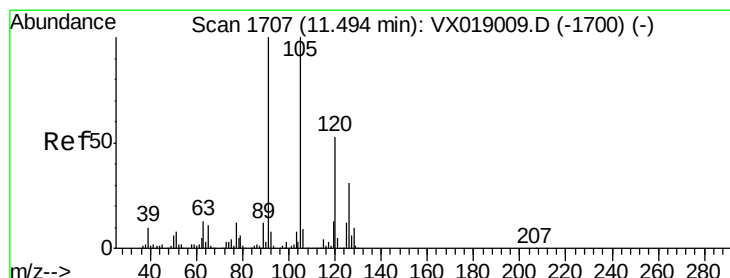
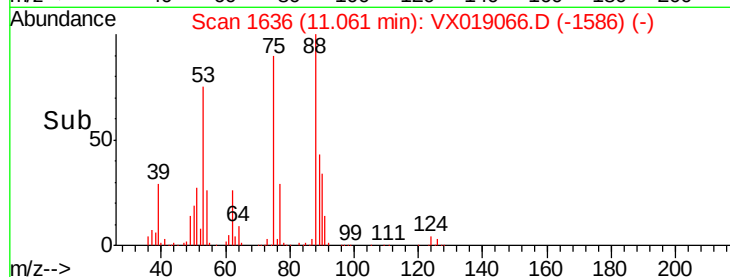
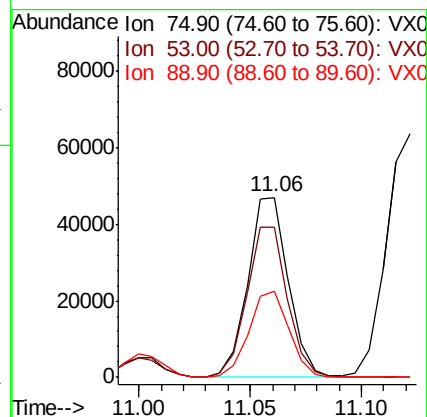
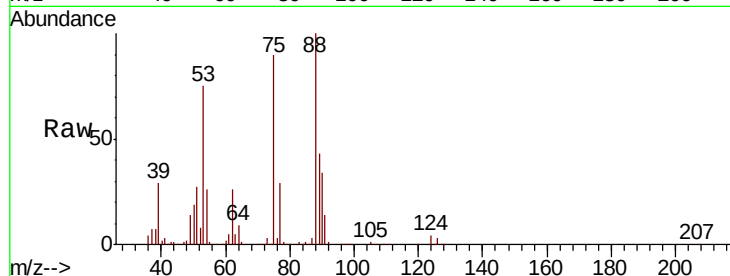
Tot Ion: 75 Resp: 59221

Ion Ratio Lower Upper

75 100

53 84.5 67.4 101.2

89 47.7 37.2 55.8



#82

4-Chlorotoluene

Concen: 46.476 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019066.D

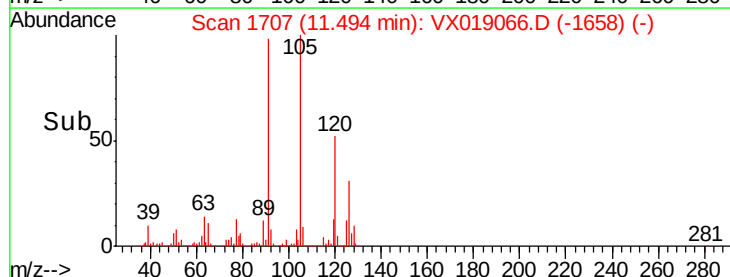
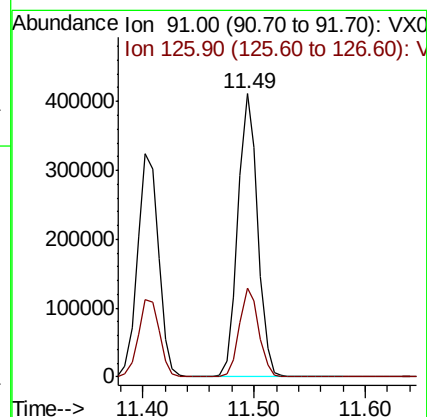
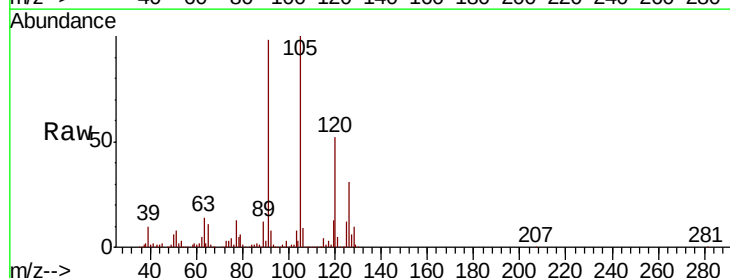
Acq: 23 Oct 2020 06:55

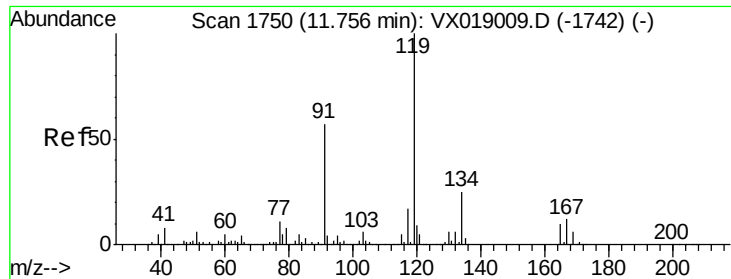
Tgt Ion: 91 Resp: 504282

Ion Ratio Lower Upper

91 100

126 30.9 15.6 46.7

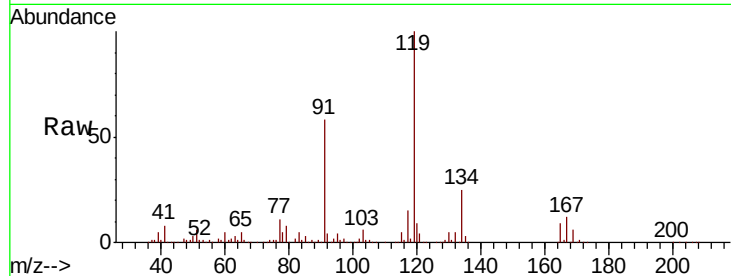




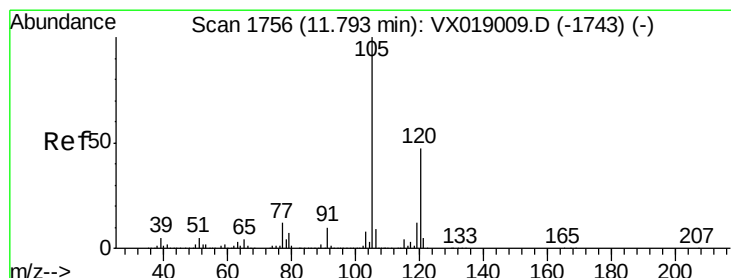
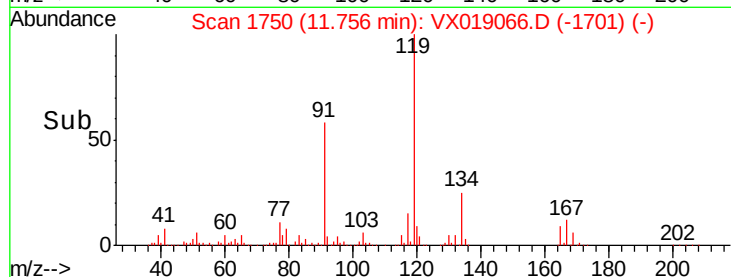
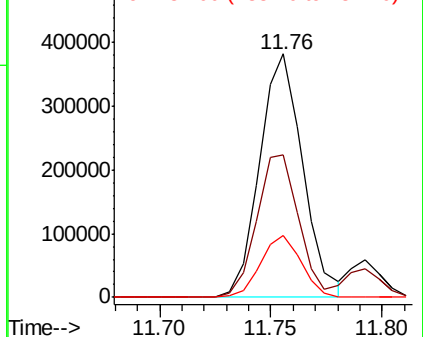
#83
 tert-Butylbenzene
 Concen: 45.818 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:119 Resp: 514162
 Ion Ratio Lower Upper
 119 100
 91 56.9 28.1 84.4
 134 24.1 11.8 35.3

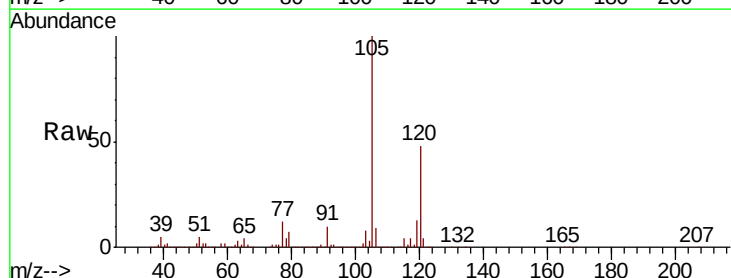


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

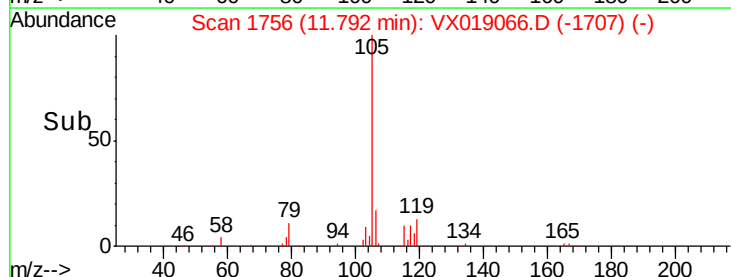
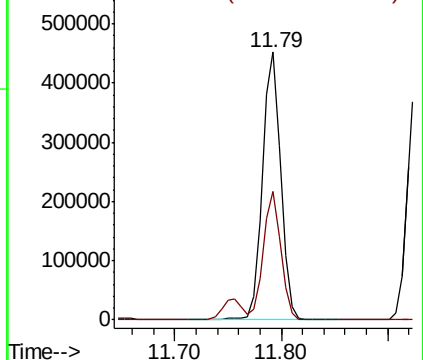


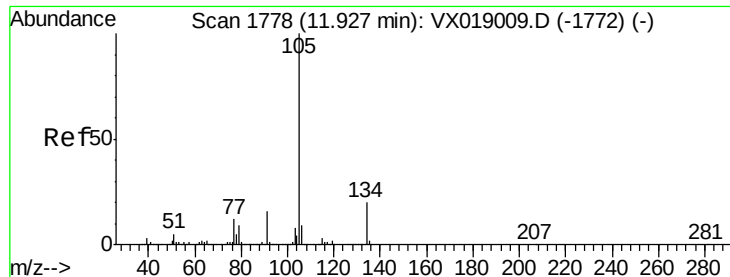
#84
 1,2,4-Trimethylbenzene
 Concen: 47.711 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion:105 Resp: 544225
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 45.992 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

Instrument :

MSVOA_X

ClientSampleId :

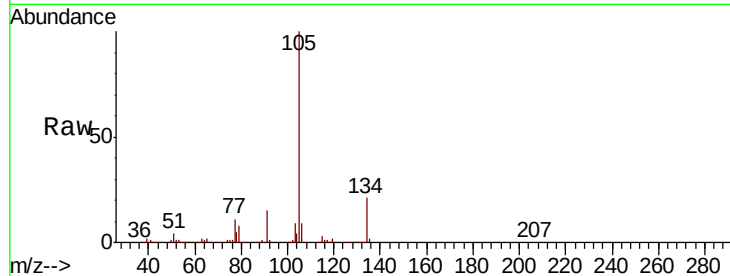
VSTDCCC050EC

Tot Ion:105 Resp: 624550

Ion Ratio Lower Upper

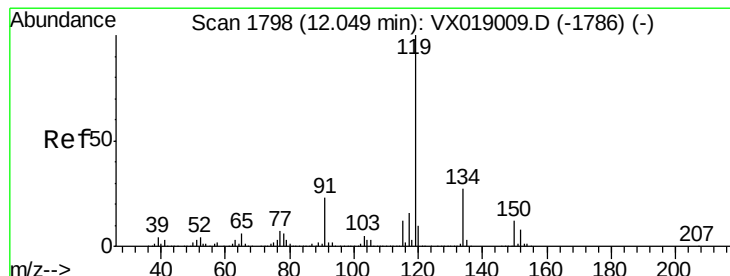
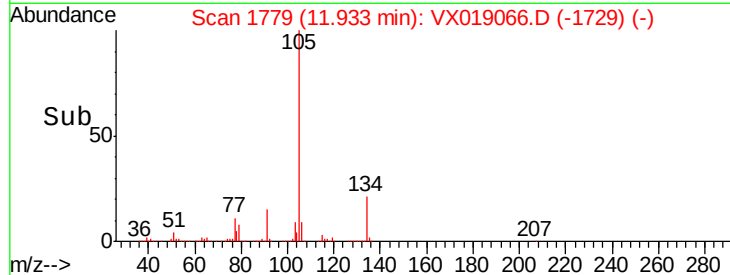
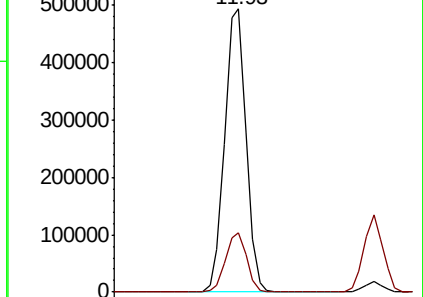
105 100

134 20.7 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.559 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019066.D

Acq: 23 Oct 2020 06:55

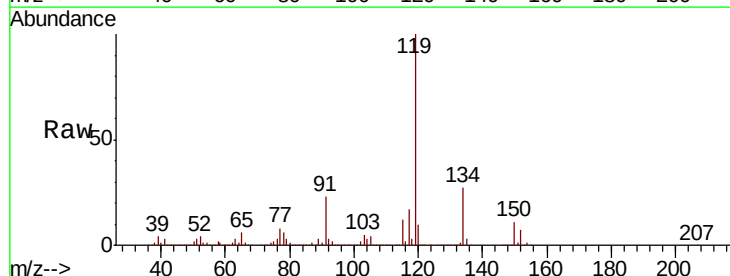
Tgt Ion:119 Resp: 577697

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

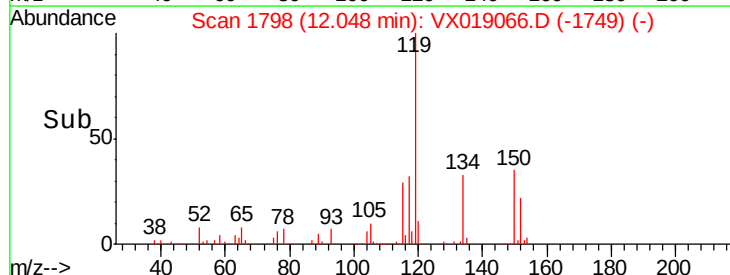
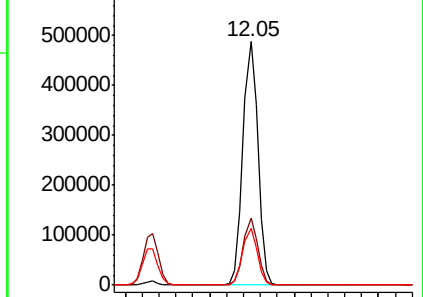
91 22.7 11.4 34.2

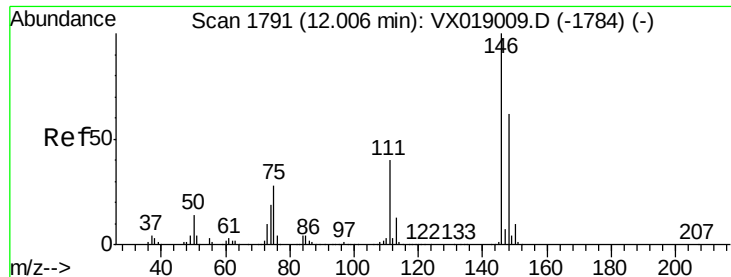


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

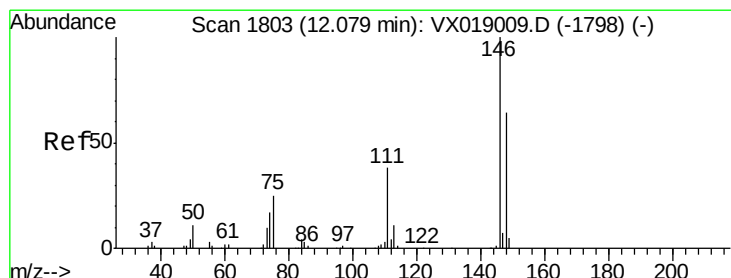
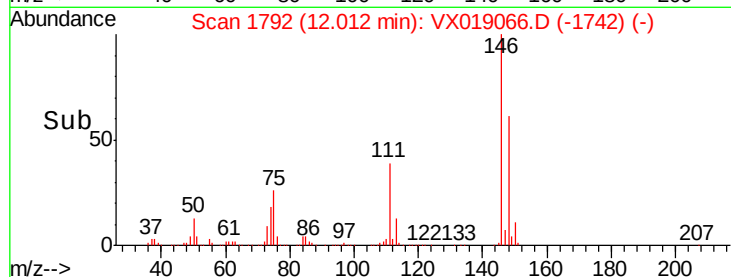
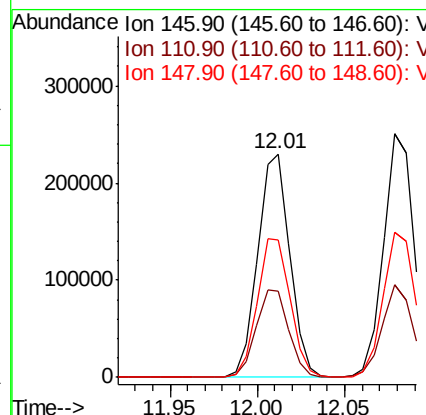
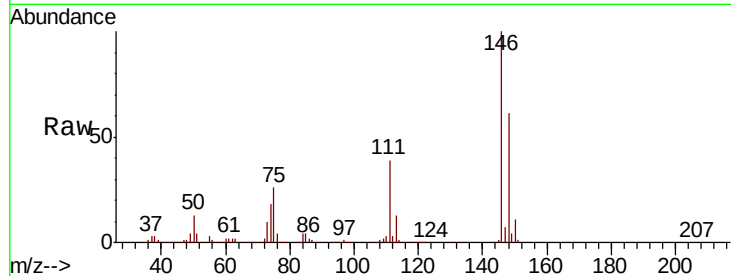




#87
 1,3-Dichlorobenzene
 Concen: 45.920 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

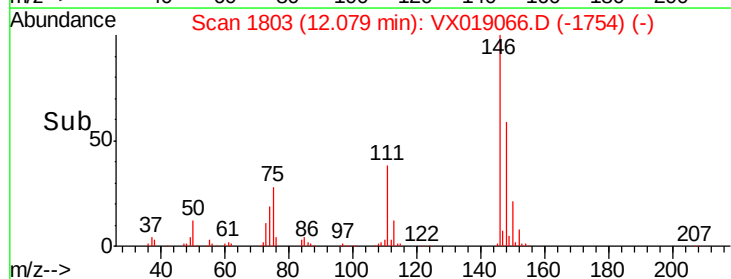
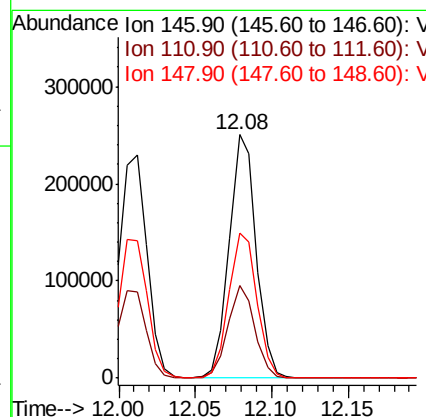
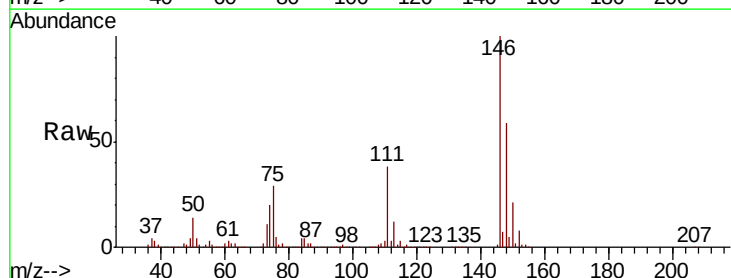
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

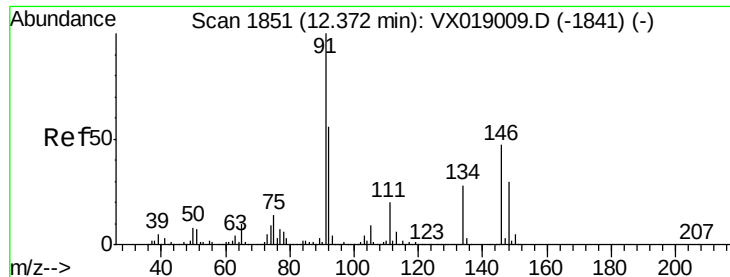
Tot Ion:146 Resp: 293465
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.7 59.1
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 46.453 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion:146 Resp: 304658
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.2
 148 62.1 32.2 96.6

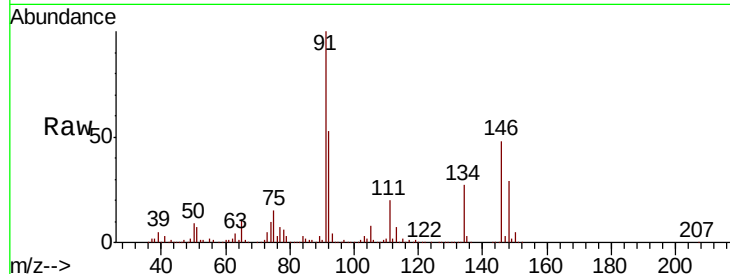




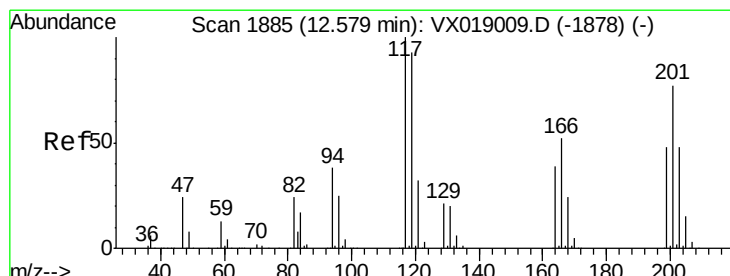
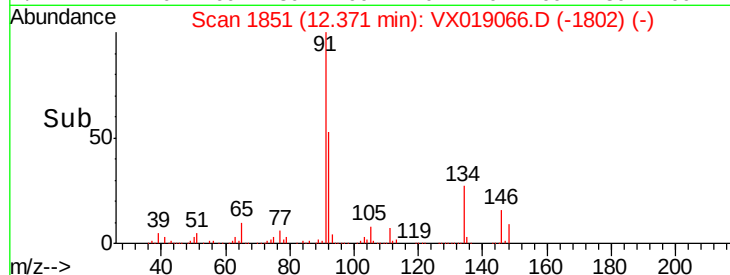
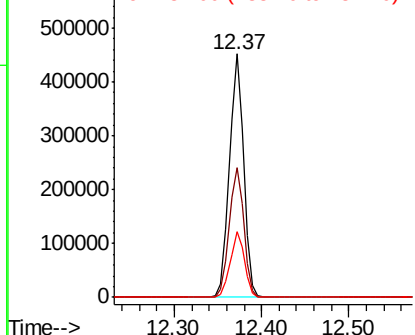
#89
n-Butylbenzene
Concen: 44.931 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 510306
Ion Ratio Lower Upper
91 100
92 54.7 27.3 81.9
134 27.2 13.6 40.7

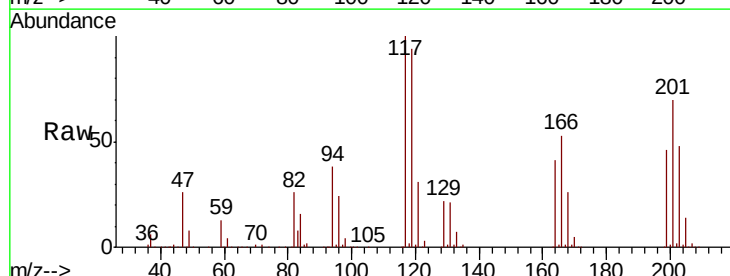


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

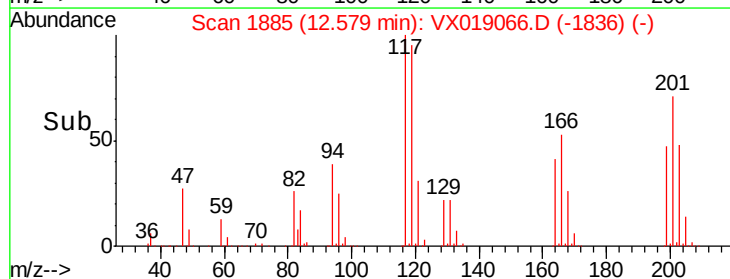
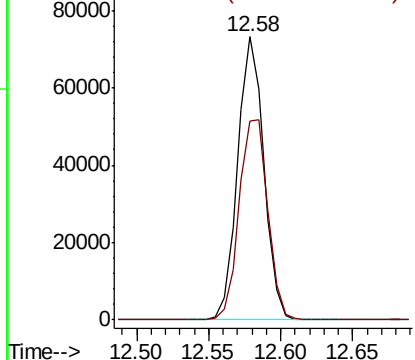


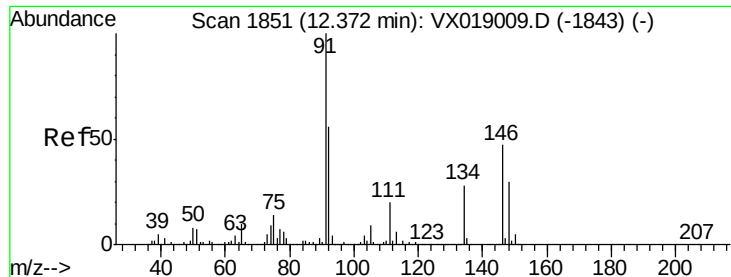
#90
Hexachloroethane
Concen: 48.796 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion: 117 Resp: 92690
Ion Ratio Lower Upper
117 100
201 77.1 37.1 111.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

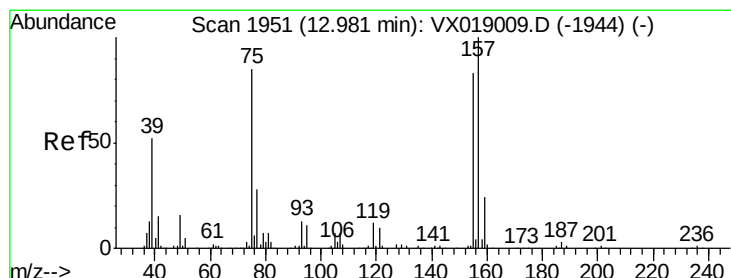
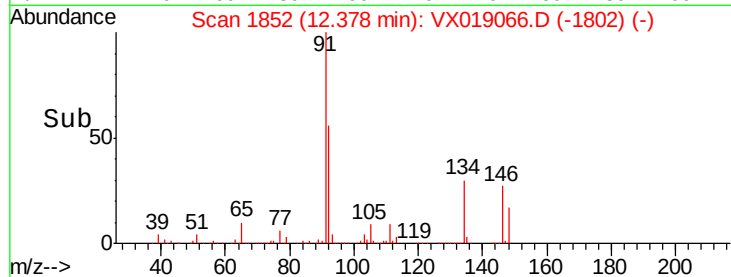
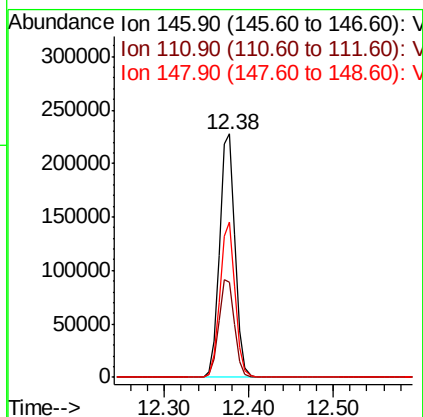
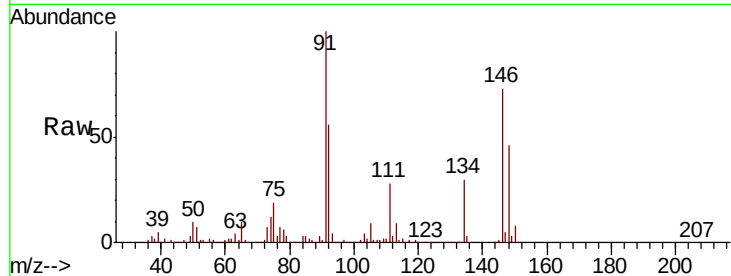




#91
 1,2-Dichlorobenzene
 Concen: 48.532 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

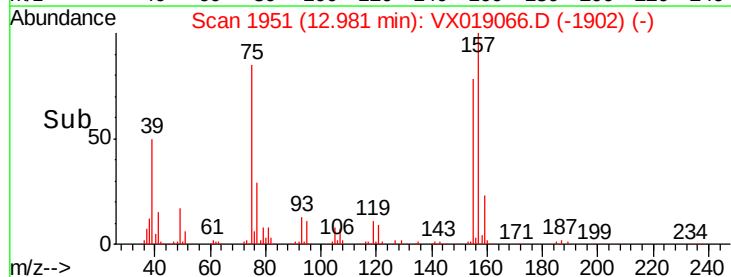
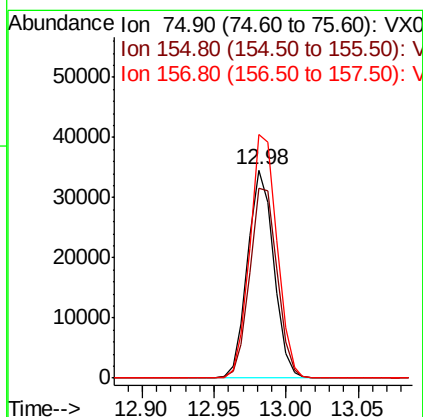
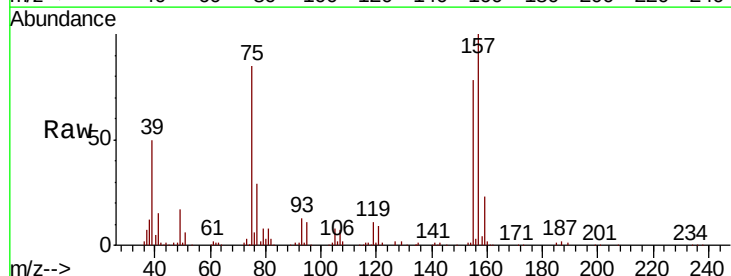
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

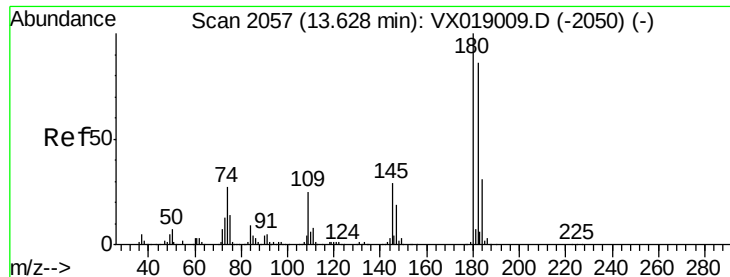
Tot Ion:146 Resp: 289181
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.9 59.7
 148 62.3 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.945 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion: 75 Resp: 43477
 Ion Ratio Lower Upper
 75 100
 155 95.2 47.3 142.0
 157 121.0 59.7 179.0

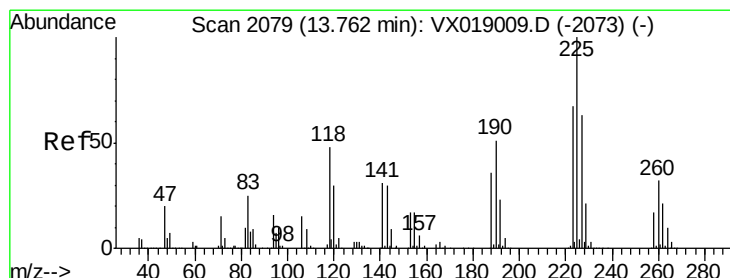
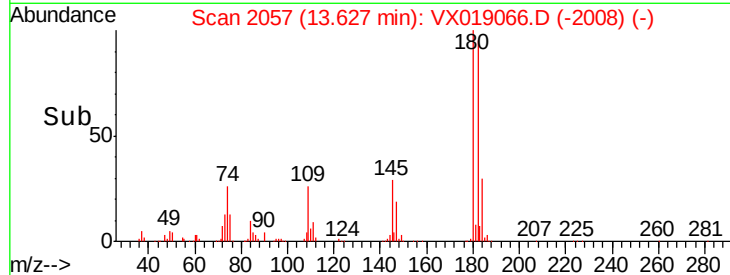
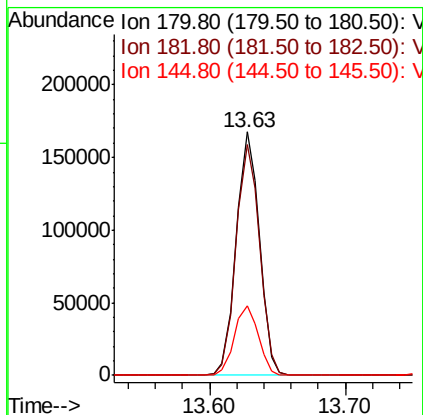
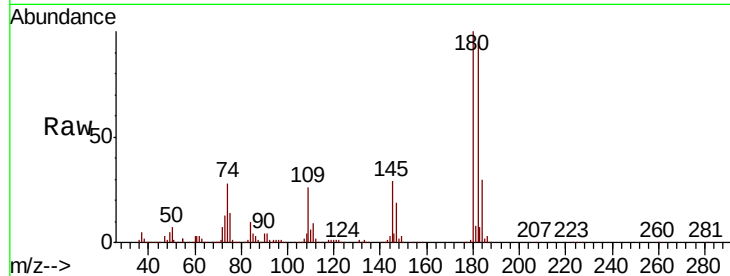




#93
 1,2,4-Trichlorobenzene
 Concen: 45.581 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

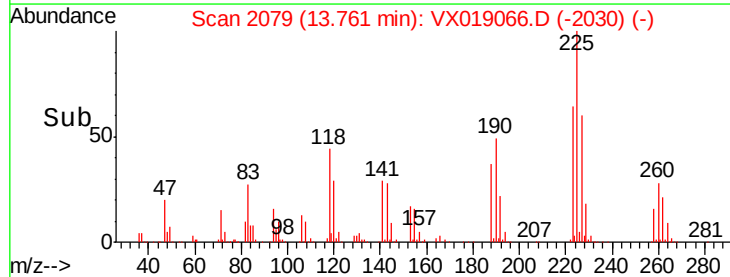
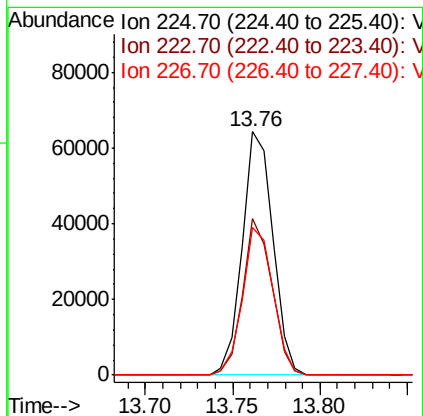
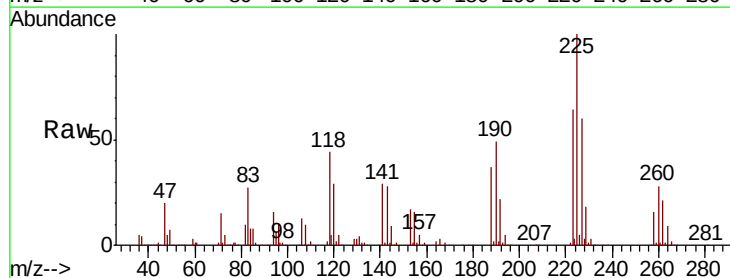
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

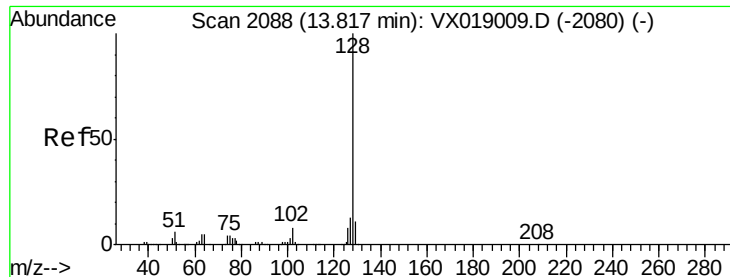
Tot Ion:180 Resp: 198704
 Ion Ratio Lower Upper
 180 100
 182 96.6 46.4 139.2
 145 29.6 15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 38.873 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019066.D
 Acq: 23 Oct 2020 06:55

Tgt Ion:225 Resp: 78564
 Ion Ratio Lower Upper
 225 100
 223 61.2 32.5 97.4
 227 60.9 31.9 95.7

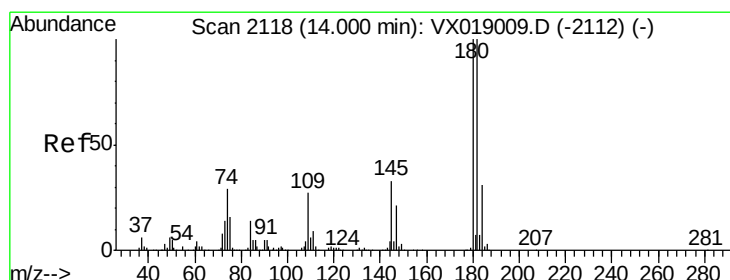
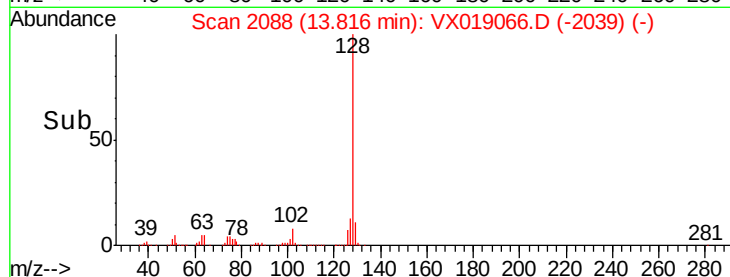
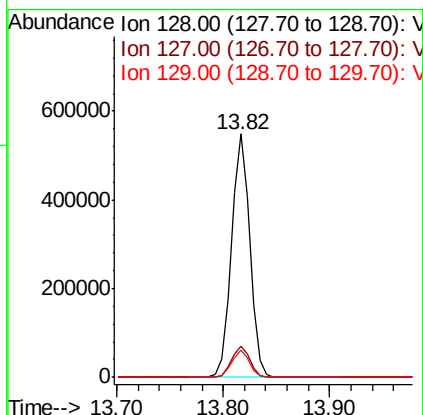
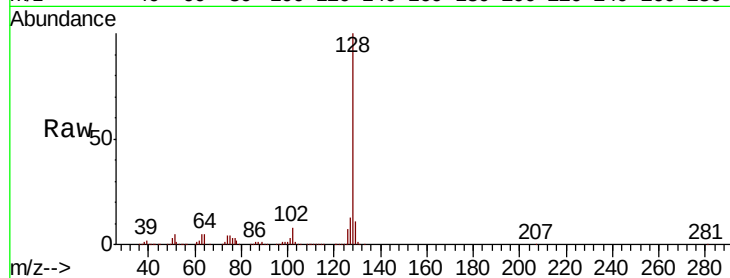




#95
Naphthalene
Concen: 48.399 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 663851
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.112 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019066.D
Acq: 23 Oct 2020 06:55

Tgt Ion:180 Resp: 191424
Ion Ratio Lower Upper
180 100
182 95.9 47.3 142.0
145 32.0 15.9 47.6

