

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016379.D
 Acq On : 21 May 2020 13:33
 Operator : JC/SP
 Sample : VX0521WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 07:38:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	249495	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	397316	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	362495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	178998	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	147103	44.81	ug/l	0.00
Spiked Amount			Recovery	=	89.62%	
35) Dibromofluoromethane	5.46	113	122345	48.60	ug/l	0.00
Spiked Amount			Recovery	=	97.20%	
50) Toluene-d8	8.70	98	471990	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.12	95	178421	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	45194	17.114	ug/l	100
3) Chloromethane	1.31	50	46280	15.090	ug/l	95
4) Vinyl Chloride	1.39	62	54784	16.743	ug/l	98
5) Bromomethane	1.63	94	32244	19.547	ug/l	92
6) Chloroethane	1.71	64	33355	16.754	ug/l	96
7) Trichlorofluoromethane	1.92	101	73519	17.114	ug/l	99
8) Diethyl Ether	2.17	74	31509	17.409	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	43173	17.420	ug/l	98
10) Methyl Iodide	2.49	142	35521	10.670	ug/l	99
11) Tert butyl alcohol	3.00	59	64179	77.304	ug/l	100
12) 1,1-Dichloroethene	2.36	96	43288	16.691	ug/l	95
13) Acrolein	2.27	56	42522	81.849	ug/l	100
14) Allyl chloride	2.71	41	73585	15.474	ug/l	94
15) Acrylonitrile	3.11	53	141842	82.357	ug/l	99
16) Acetone	2.42	43	109269	74.592	ug/l	93
17) Carbon Disulfide	2.55	76	123769	15.750	ug/l	100
18) Methyl Acetate	2.75	43	61002	16.936	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161862	18.104	ug/l	99
20) Methylene Chloride	2.84	84	51146	16.937	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	50329	17.414	ug/l	94
22) Diisopropyl ether	3.82	45	149260	16.638	ug/l	90
23) Vinyl Acetate	3.78	43	648280	82.136	ug/l	97
24) 1,1-Dichloroethane	3.67	63	87763	17.488	ug/l	99
25) 2-Butanone	4.63	43	188407	79.816	ug/l	97
26) 2,2-Dichloropropane	4.55	77	77996	17.018	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	57624	18.238	ug/l	96
28) Bromochloromethane	4.98	49	36580	15.985	ug/l	88
29) Tetrahydrofuran	5.09	42	124312	79.479	ug/l	94
30) Chloroform	5.17	83	90984	18.209	ug/l	98
31) Cyclohexane	5.55	56	75852	16.631	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	80853	17.801	ug/l	98
36) 1,1-Dichloropropene	5.77	75	67567	17.276	ug/l	100
37) Ethyl Acetate	4.79	43	73555	16.227	ug/l	97
38) Carbon Tetrachloride	5.76	117	70594	17.758	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	73889	15.688	ug/l	97
40) Benzene	6.11	78	207729	18.153	ug/l	99
41) Methacrylonitrile	5.00	41	38855	15.872	ug/l	94
42) 1,2-Dichloroethane	6.16	62	69902	16.957	ug/l	97
43) Isopropyl Acetate	6.41	43	117212	16.206	ug/l	95
44) Trichloroethene	7.19	130	66750	16.419	ug/l	98
45) 1,2-Dichloropropane	7.49	63	52686	18.195	ug/l	100
46) Dibromomethane	7.63	93	35531	18.057	ug/l	97
47) Bromodichloromethane	7.87	83	71697	17.890	ug/l	97
48) Methyl methacrylate	7.74	41	55263	16.125	ug/l	91
49) 1,4-Dioxane	7.71	88	25542	310.754	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	369129	83.402	ug/l	96
52) Toluene	8.76	92	135024	18.930	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84250	17.632	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	91433	18.320	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	53672	19.125	ug/l	98
56) Ethyl methacrylate	9.16	69	83691	18.270	ug/l	92
57) 1,3-Dichloropropane	9.35	76	91427	18.671	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	201914	82.795	ug/l	98
59) 2-Hexanone	9.47	43	279351	80.371	ug/l	94
60) Dibromochloromethane	9.57	129	57662	18.656	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56961	18.739	ug/l	99
64) Tetrachloroethene	9.32	164	76662	17.227	ug/l	99
65) Chlorobenzene	10.12	112	141318	18.618	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	52783	18.815	ug/l	100
67) Ethyl Benzene	10.23	91	250774	18.517	ug/l	98
68) m/p-Xylenes	10.34	106	190206	37.486	ug/l	100
69) o-Xylene	10.68	106	91528	18.766	ug/l	97
70) Styrene	10.70	104	154264	18.643	ug/l	99
71) Bromoform	10.84	173	43873	19.195	ug/l #	100
73) Isopropylbenzene	11.00	105	240487	18.472	ug/l	98
74) N-amyl acetate	10.88	43	98857	16.279	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	58478	25.074	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	96898	23.855	ug/l	83
77) Bromobenzene	11.24	156	61174	18.204	ug/l	97
78) n-propylbenzene	11.34	91	267178	17.640	ug/l	100
79) 2-Chlorotoluene	11.40	91	162353	18.160	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	197646	17.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	29517	17.317	ug/l	94
82) 4-Chlorotoluene	11.49	91	190515	18.046	ug/l	98
83) tert-Butylbenzene	11.76	119	169899	17.934	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	201680	18.147	ug/l	100
85) sec-Butylbenzene	11.93	105	205854	16.094	ug/l	99
86) p-Isopropyltoluene	12.05	119	197097	16.597	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	109170	18.093	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	112006	18.289	ug/l	99
89) n-Butylbenzene	12.37	91	158673	14.626	ug/l	99
90) Hexachloroethane	12.58	117	32679	16.023	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	104430	17.974	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17448	16.298	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

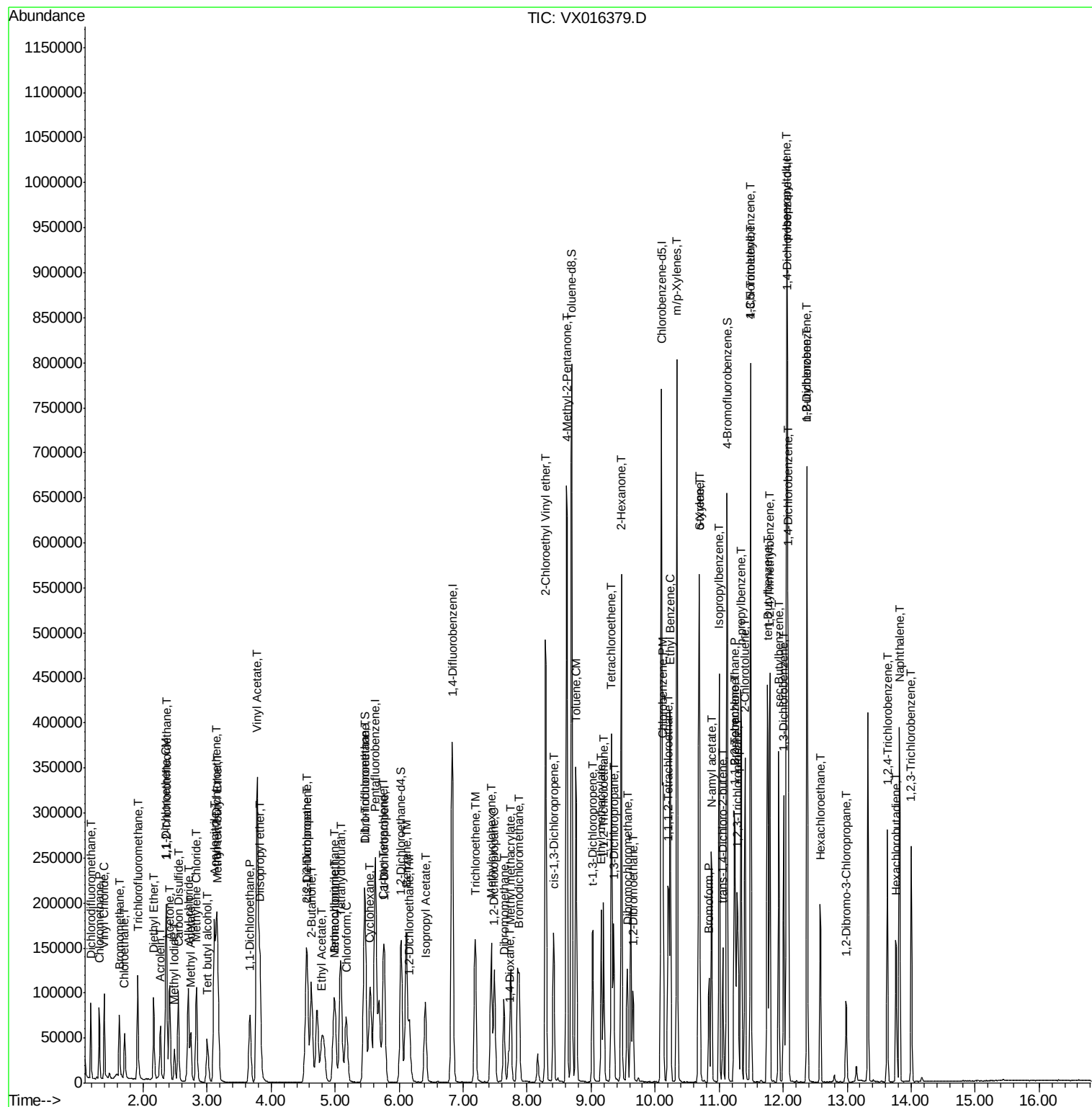
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	68174	15.849	ug/l	99
94) Hexachlorobutadiene	13.77	225	25530	14.163	ug/l	96
95) Naphthalene	13.82	128	241851	17.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	66490	15.816	ug/l	98

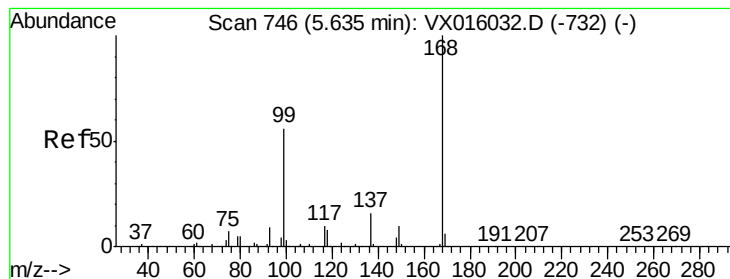
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VX016379.D
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Instrument :
 MSVOA_X
 ClientSampled :

Quant Time: May 22 07:38:55 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

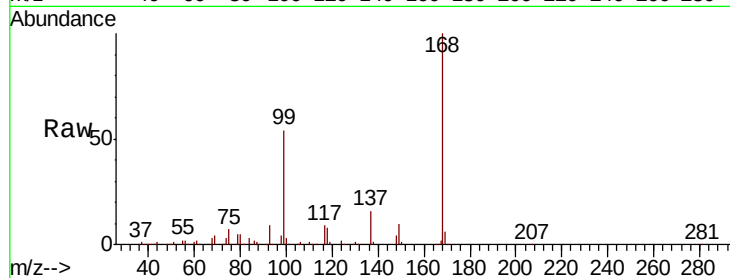
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 249495

Ion Ratio Lower Upper

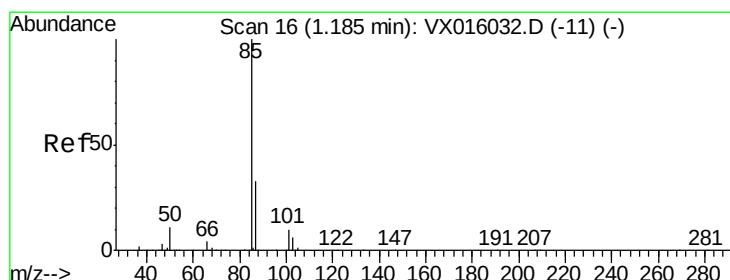
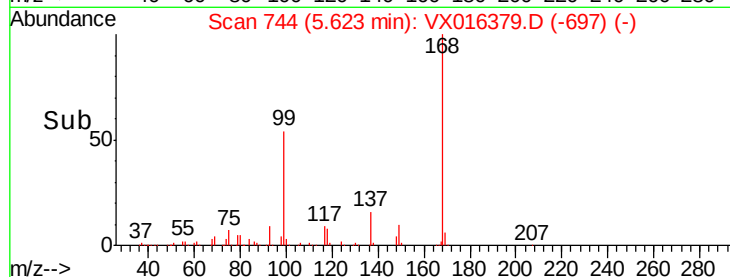
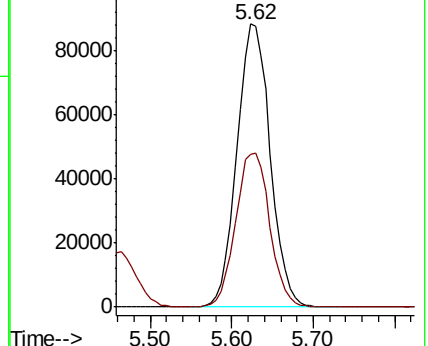
168 100

99 54.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.114 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016379.D

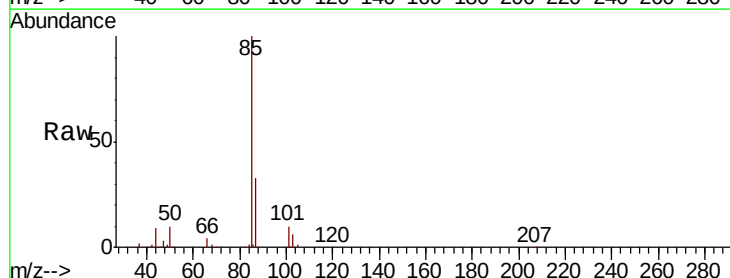
Acq: 21 May 2020 13:33

Tgt Ion: 85 Resp: 45194

Ion Ratio Lower Upper

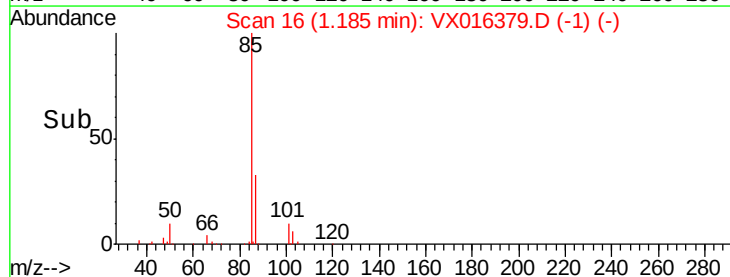
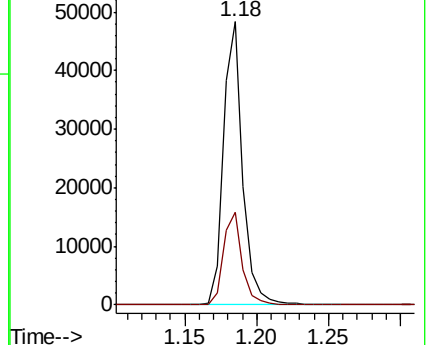
85 100

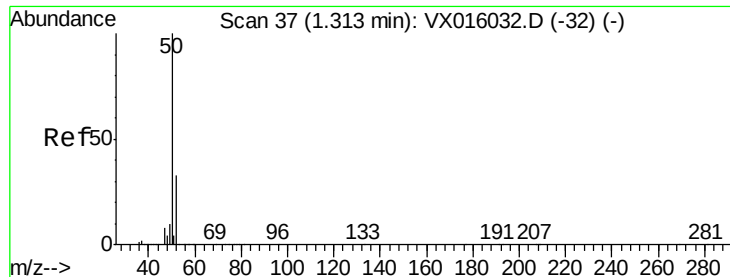
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.090 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

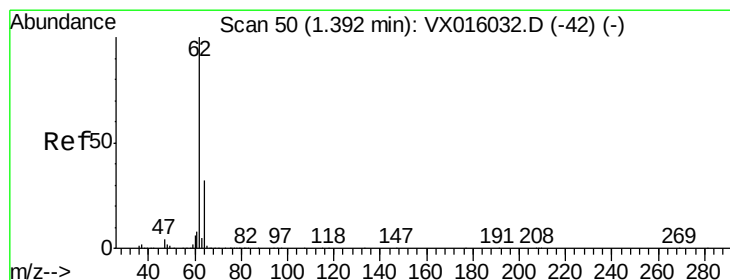
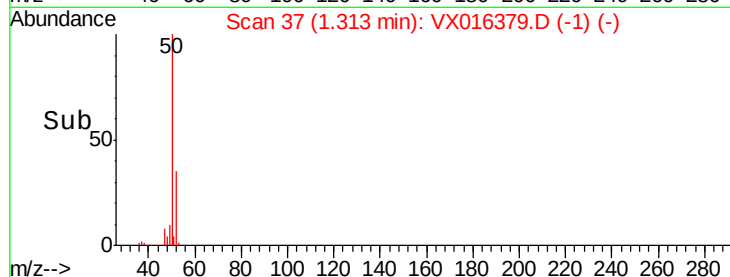
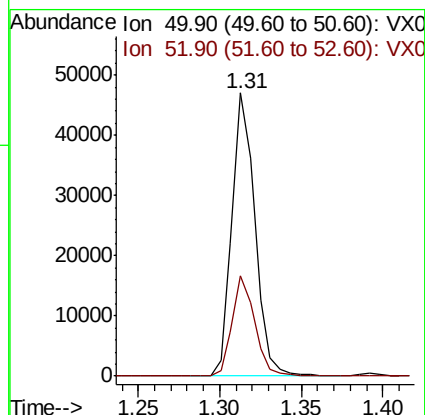
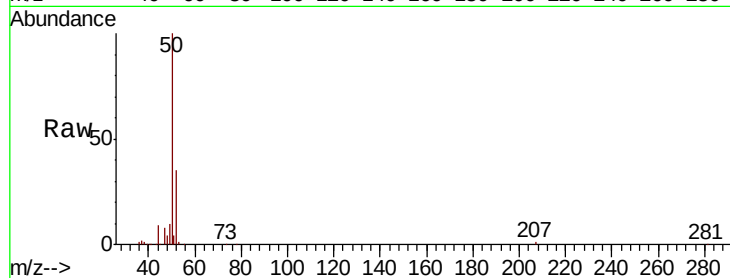
ClientSampleId :

Tot Ion: 50 Resp: 46280

Ion Ratio Lower Upper

50 100

52 35.2 26.1 39.1



#4

Vinyl Chloride

Concen: 16.743 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016379.D

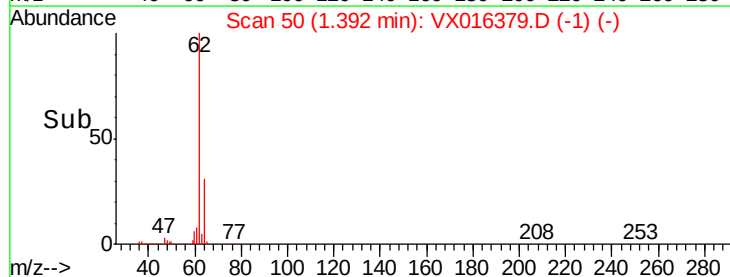
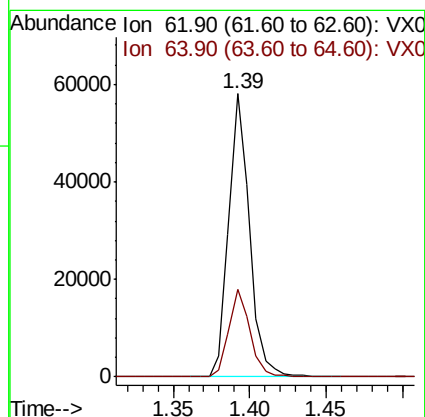
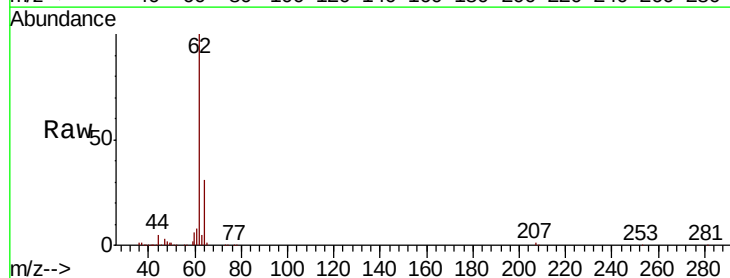
Acq: 21 May 2020 13:33

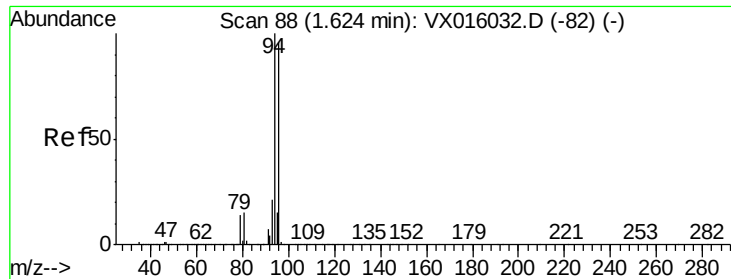
Tgt Ion: 62 Resp: 54784

Ion Ratio Lower Upper

62 100

64 30.7 25.7 38.5





#5

Bromomethane

Concen: 19.547 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

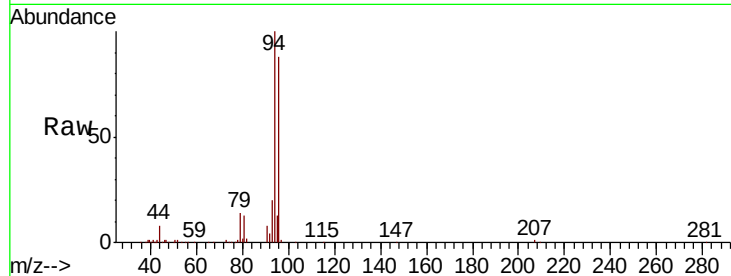
ClientSampleId :

Tot Ion: 94 Resp: 32244

Ion Ratio Lower Upper

94 100

96 87.9 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

10000

5000

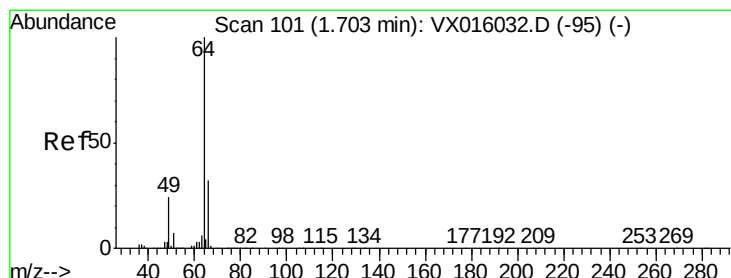
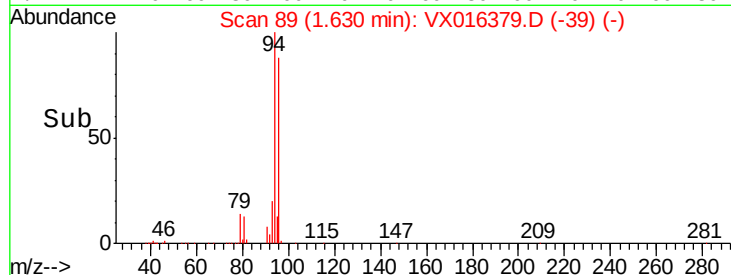
0

Time-->

1.50

1.60

1.70



#6

Chloroethane

Concen: 16.754 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016379.D

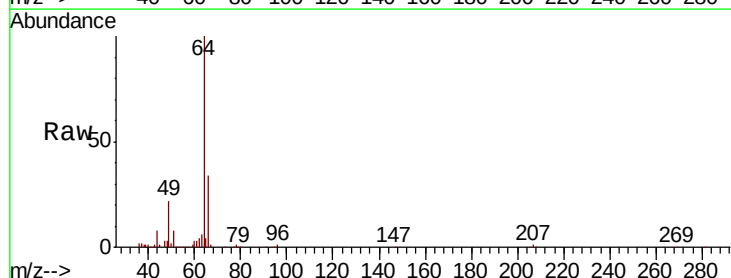
Acq: 21 May 2020 13:33

Tgt Ion: 64 Resp: 33355

Ion Ratio Lower Upper

64 100

66 34.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

30000

25000

20000

15000

10000

5000

0

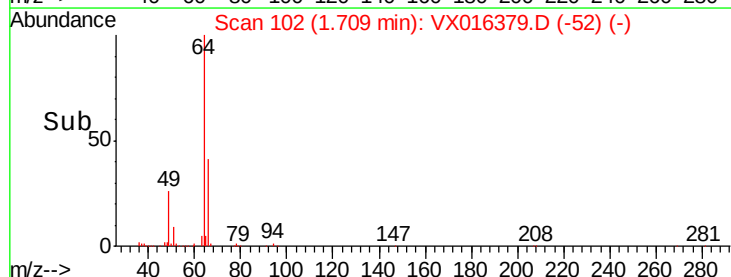
Time-->

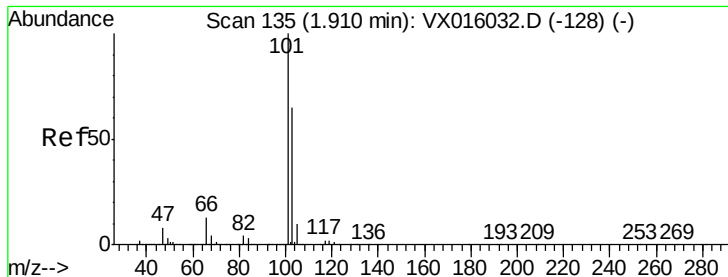
1.65

1.70

1.75

1.80



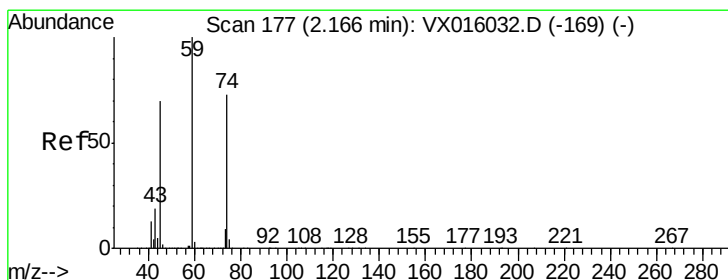
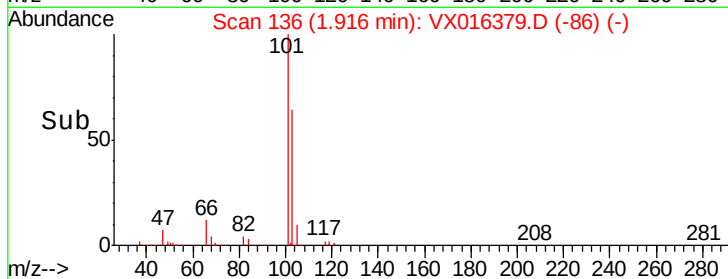
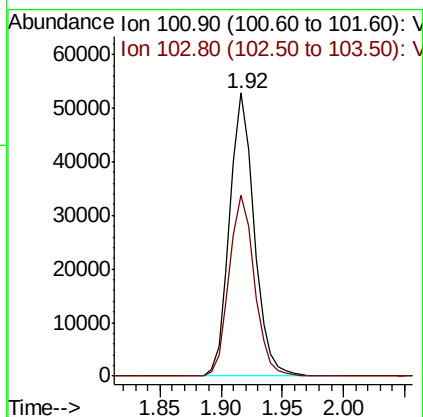
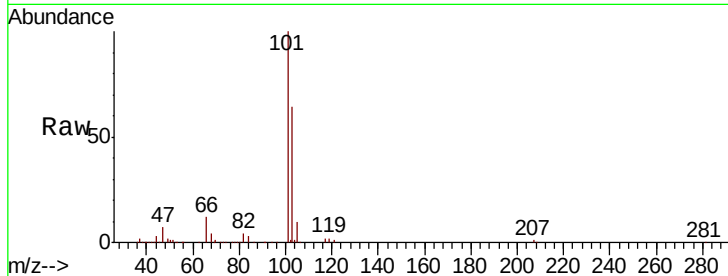


#7

Trichlorofluoromethane
Concen: 17.114 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :

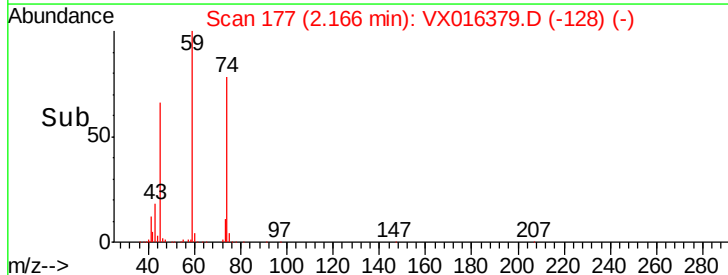
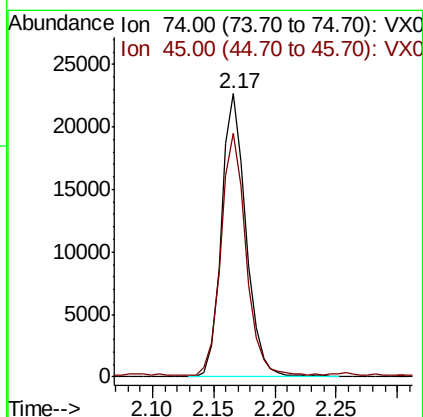
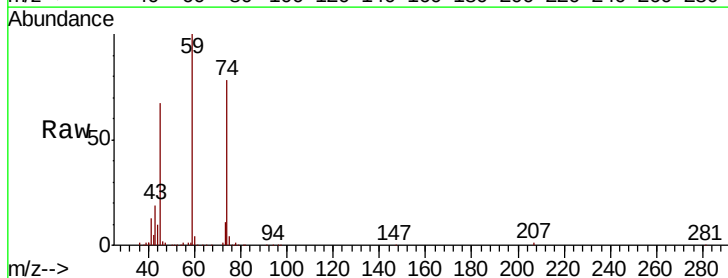
Tot Ion:101 Resp: 73519
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.6

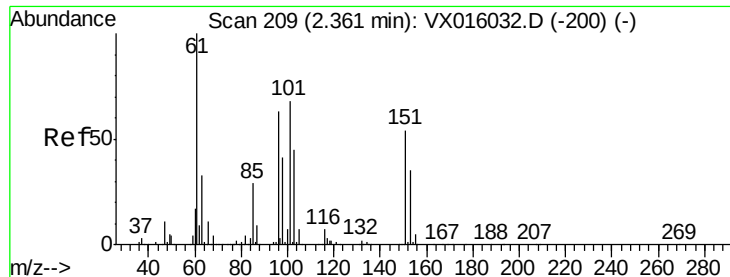


#8

Diethyl Ether
Concen: 17.409 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 74 Resp: 31509
Ion Ratio Lower Upper
74 100
45 87.0 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.420 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

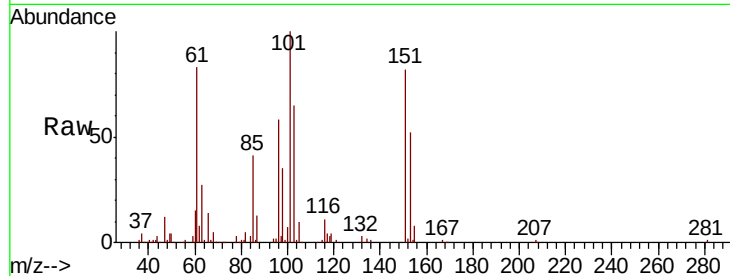
Tot Ion:101 Resp: 43173

Ion Ratio Lower Upper

101 100

85 41.0 34.2 51.4

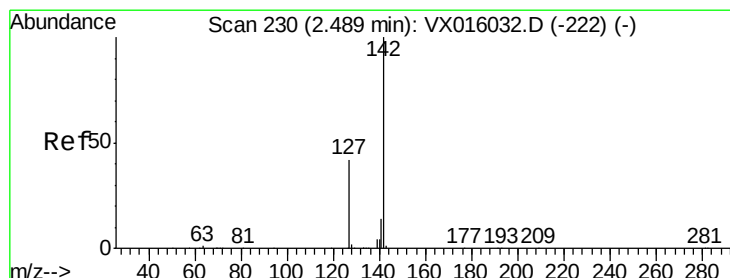
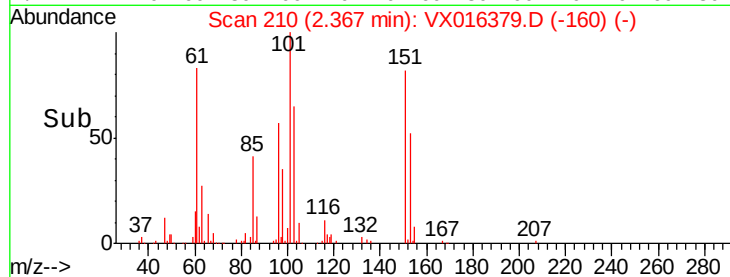
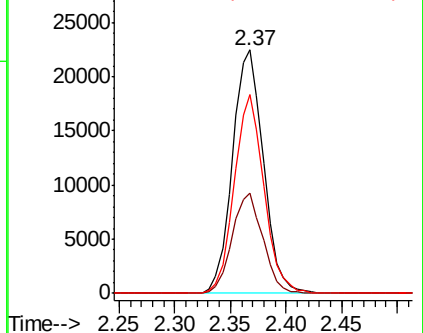
151 78.5 62.1 93.1



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: 10.670 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

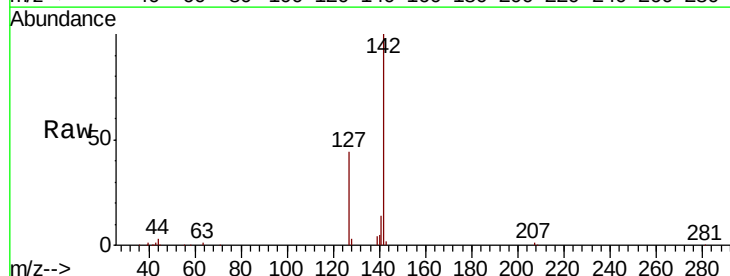
Tgt Ion:142 Resp: 35521

Ion Ratio Lower Upper

142 100

127 43.7 34.6 52.0

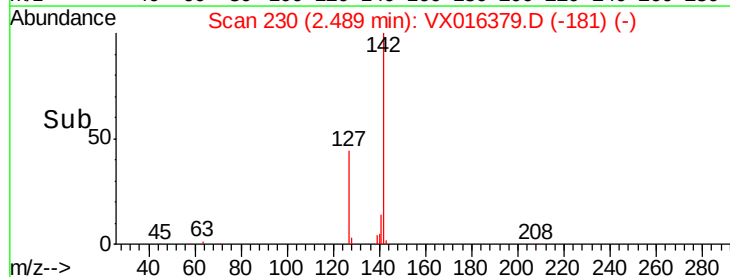
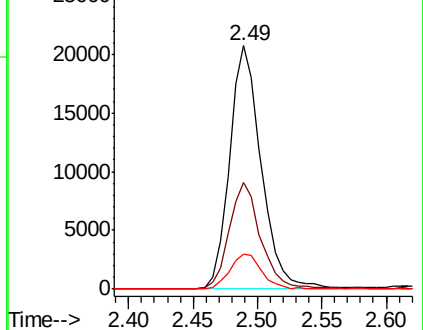
141 14.5 11.3 16.9

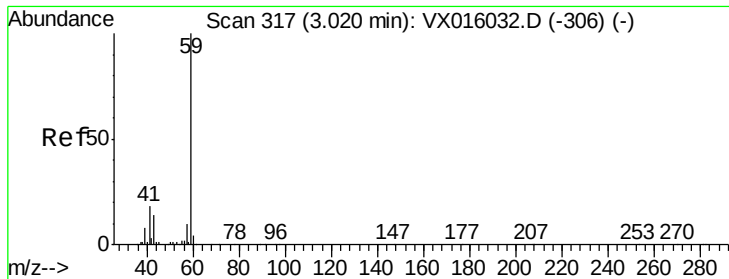


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



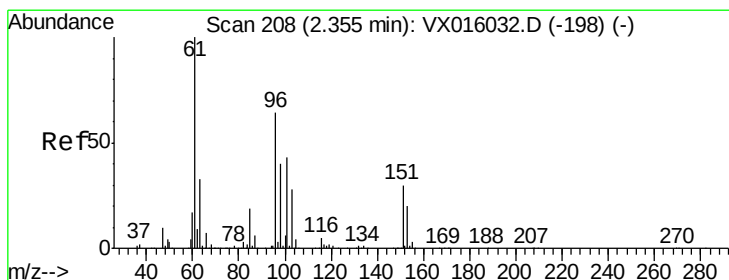
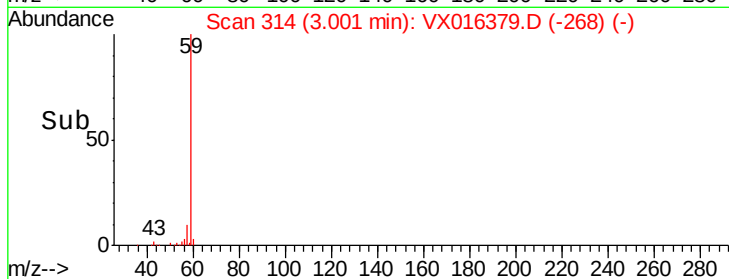
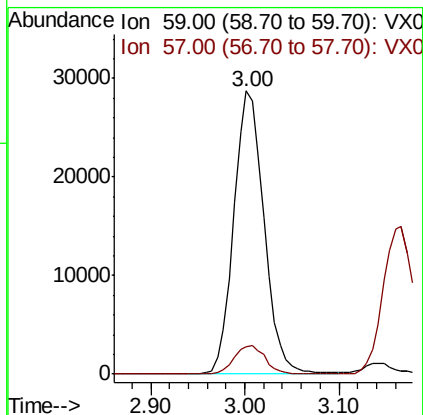
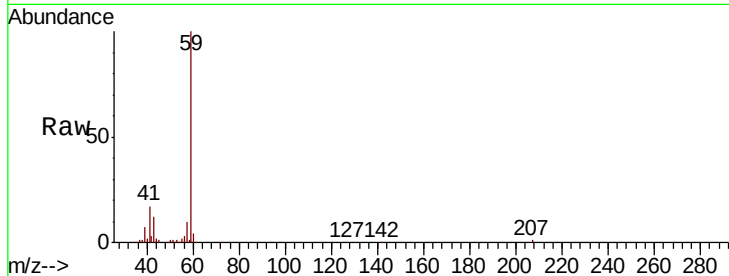


#11

Tert butyl alcohol
 Concen: 77.304 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.02 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :

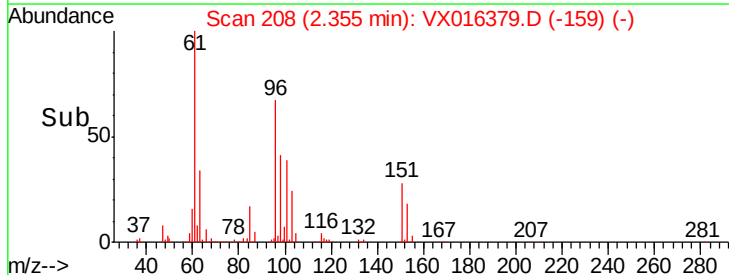
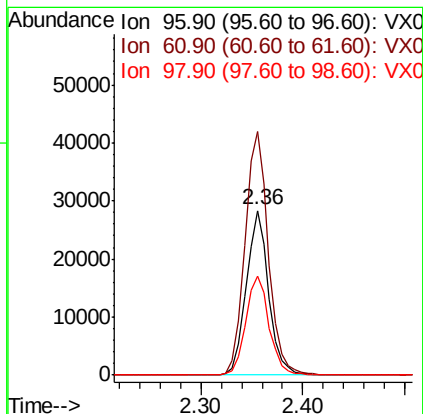
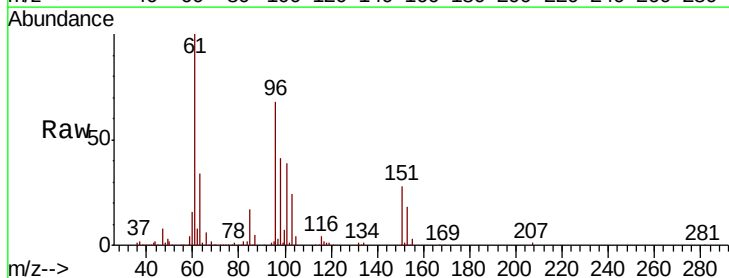
Tot Ion: 59 Resp: 64179
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

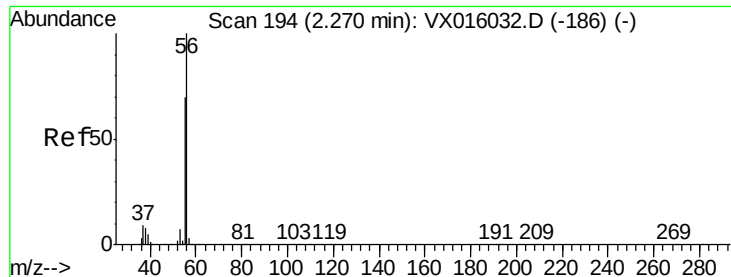


#12

1,1-Dichloroethene
 Concen: 16.691 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion: 96 Resp: 43288
 Ion Ratio Lower Upper
 96 100
 61 147.9 124.8 187.2
 98 59.9 49.7 74.5





#13

Acrolein

Concen: 81.849 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

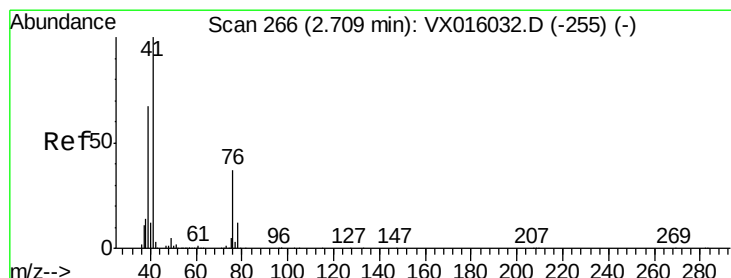
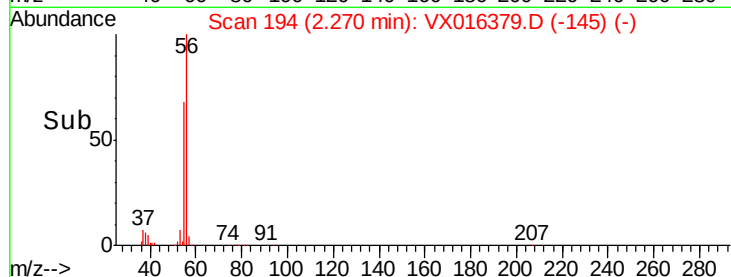
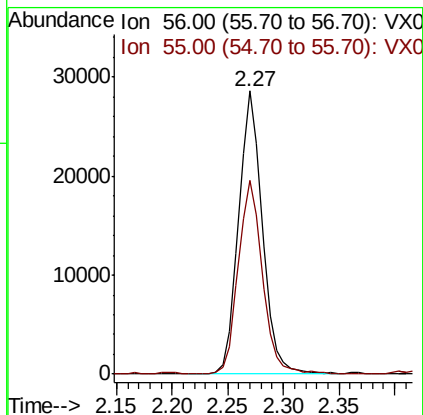
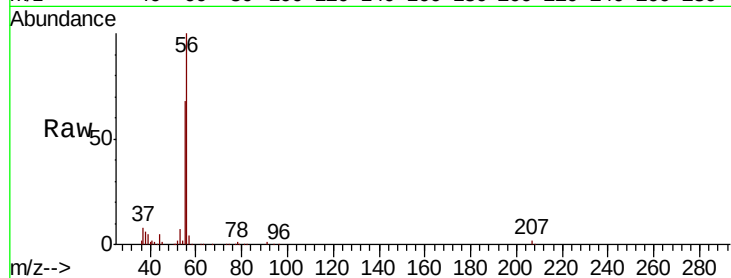
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 42522

Ion Ratio Lower Upper

56 100

55 70.2 56.5 84.7



#14

Allyl chloride

Concen: 15.474 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

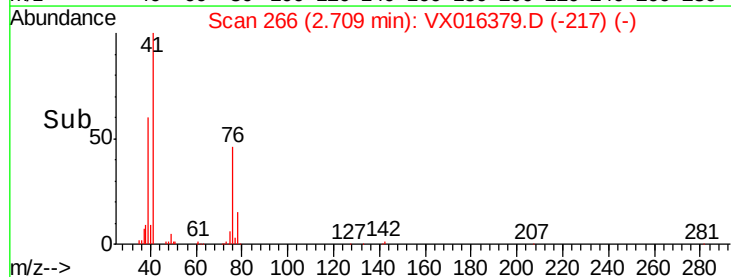
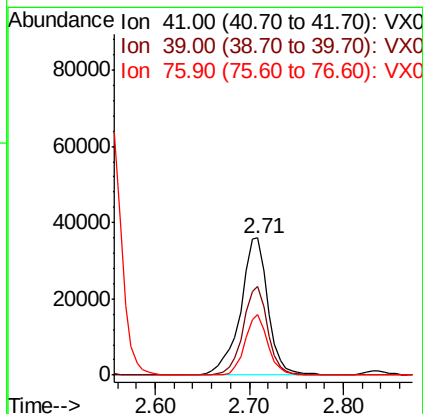
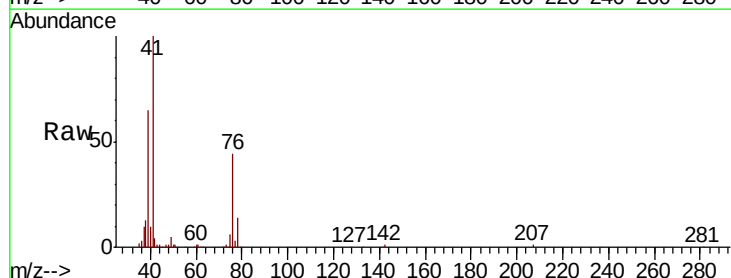
Tgt Ion: 41 Resp: 73585

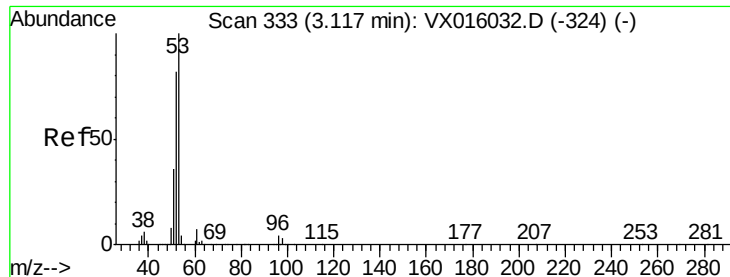
Ion Ratio Lower Upper

41 100

39 58.2 50.5 75.7

76 36.9 26.6 40.0





#15

Acrylonitrile

Concen: 82.357 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

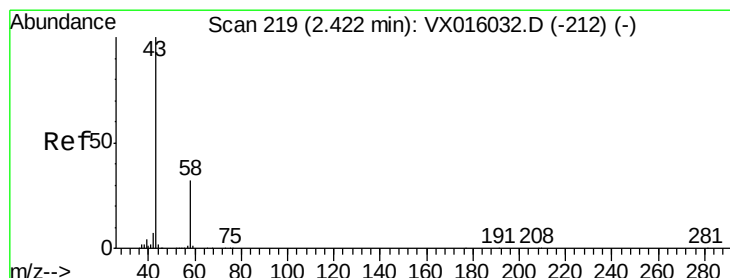
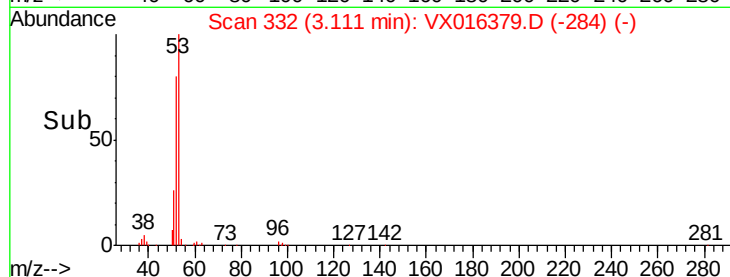
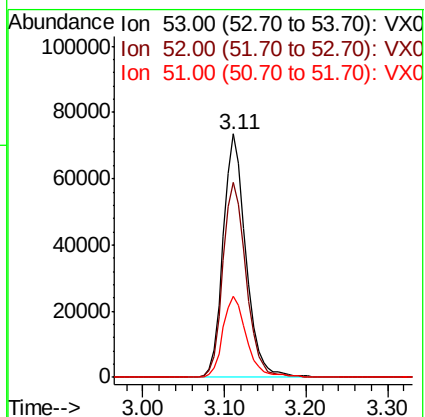
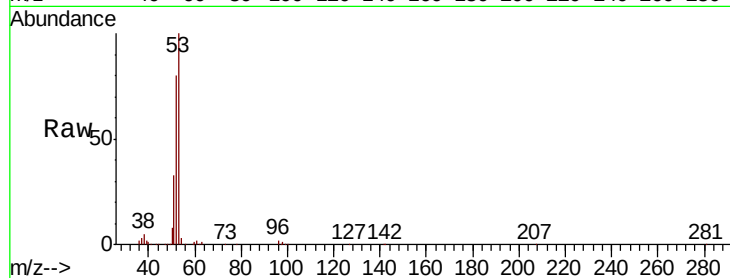
Tot Ion: 53 Resp: 141842

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 34.8 28.8 43.2



#16

Acetone

Concen: 74.592 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016379.D

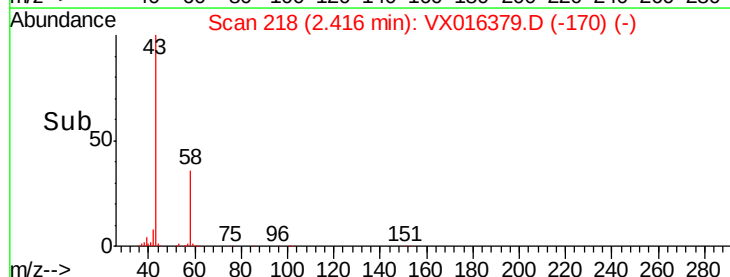
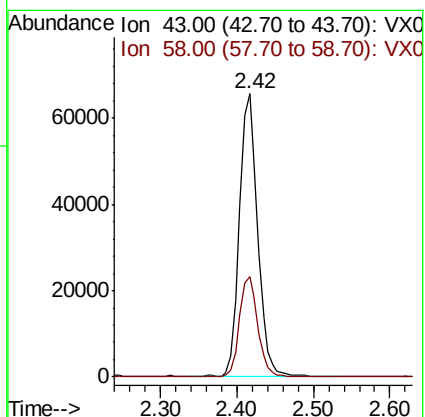
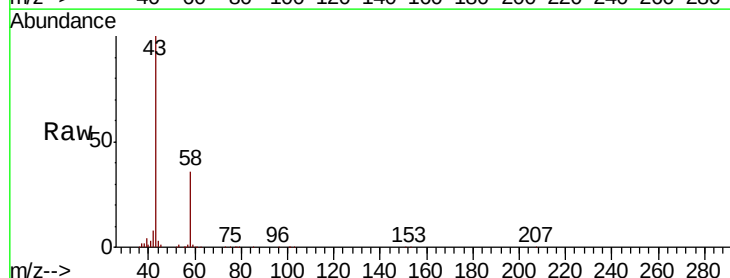
Acq: 21 May 2020 13:33

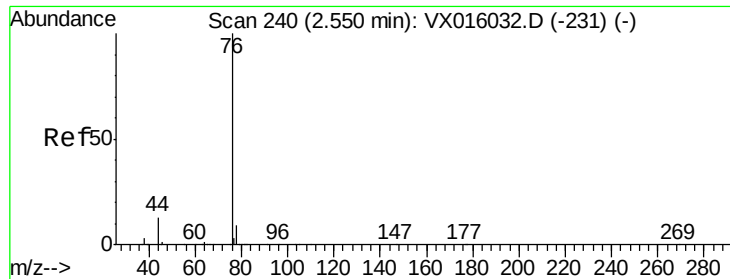
Tgt Ion: 43 Resp: 109269

Ion Ratio Lower Upper

43 100

58 35.6 25.4 38.0





#17

Carbon Disulfide

Concen: 15.750 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

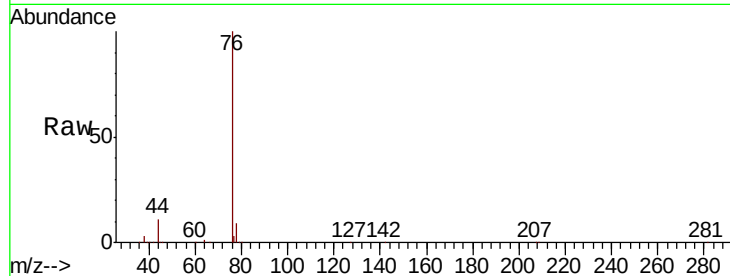
ClientSampleId :

Tot Ion: 76 Resp: 123769

Ion Ratio Lower Upper

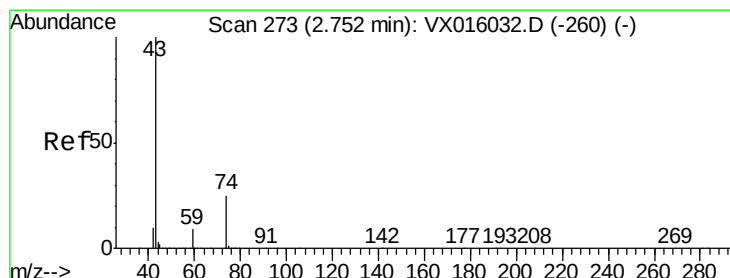
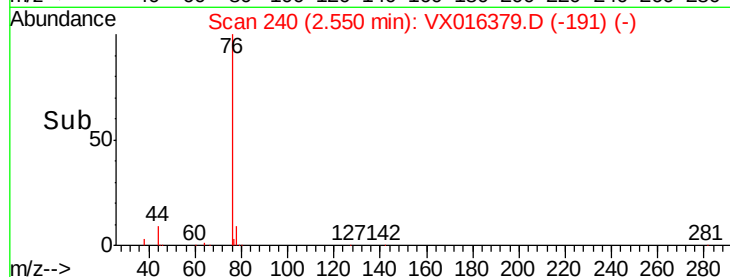
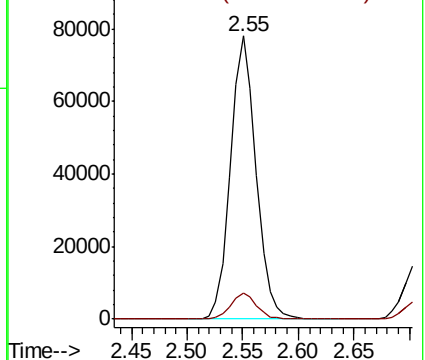
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 16.936 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016379.D

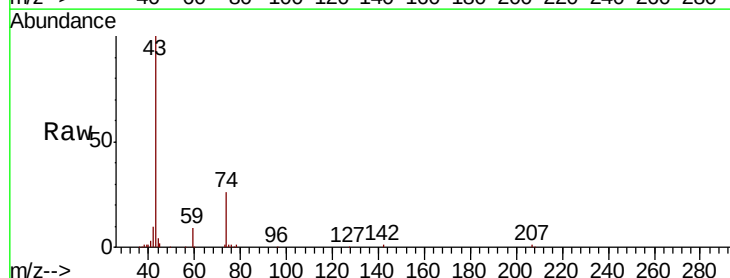
Acq: 21 May 2020 13:33

Tgt Ion: 43 Resp: 61002

Ion Ratio Lower Upper

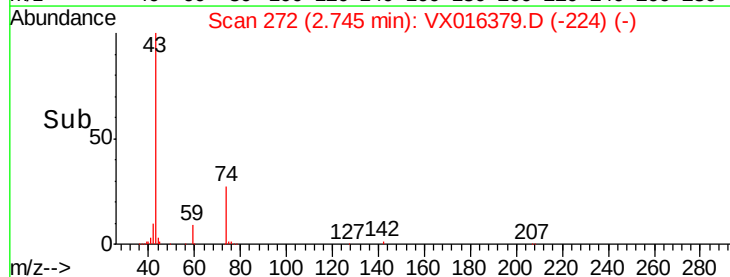
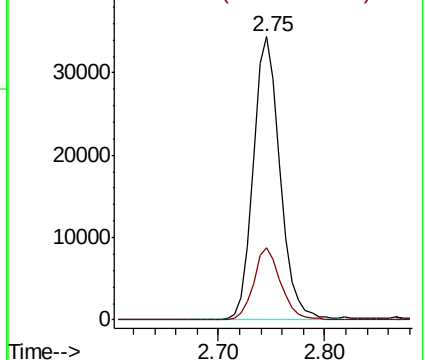
43 100

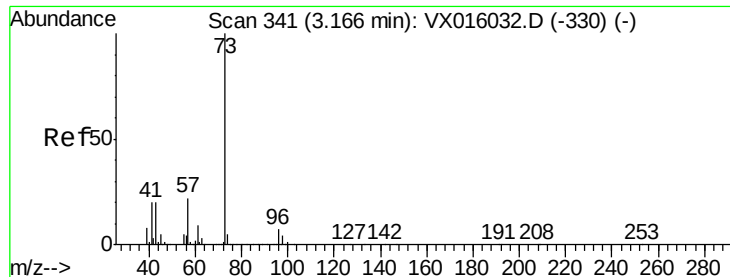
74 26.1 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



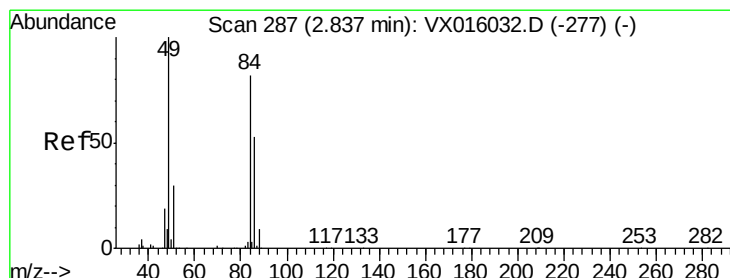
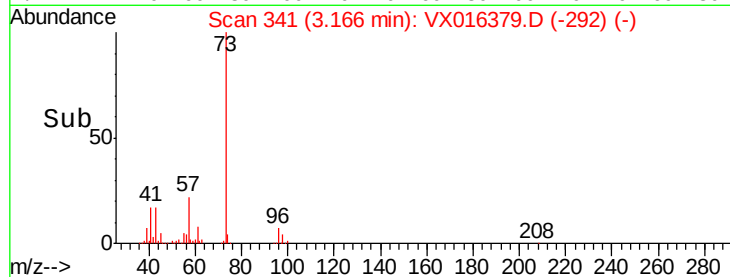
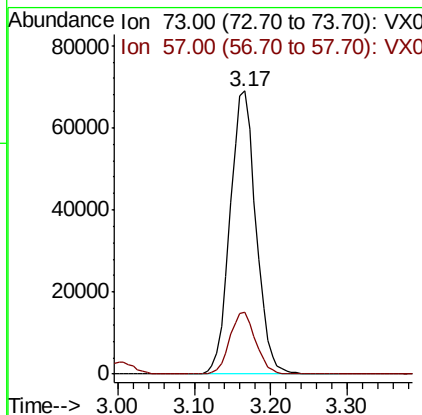
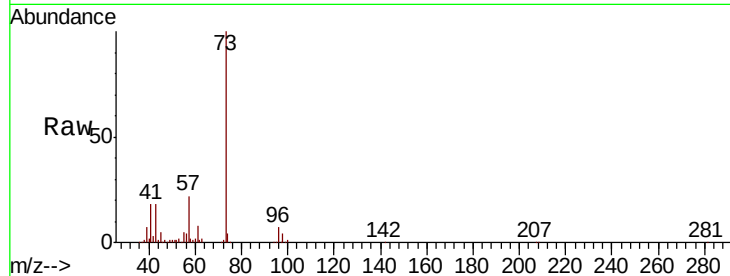


#19

Methyl tert-butyl Ether
 Concen: 18.104 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :

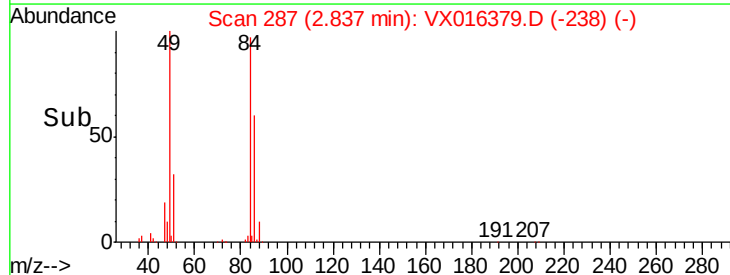
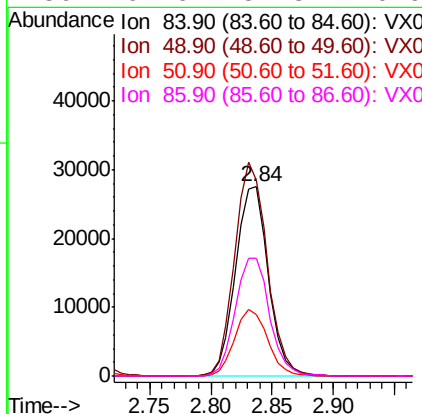
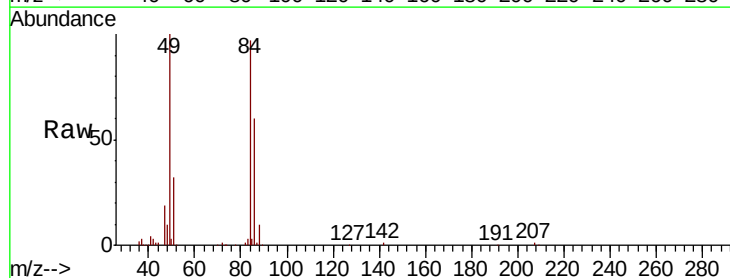
Tot Ion: 73 Resp: 161862
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.6

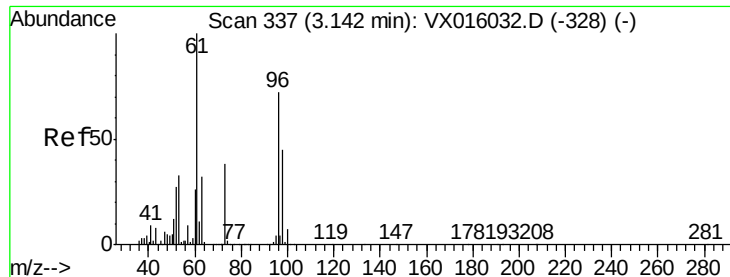


#20

Methylene Chloride
 Concen: 16.937 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion: 84 Resp: 51146
 Ion Ratio Lower Upper
 84 100
 49 103.5 97.3 145.9
 51 32.7 29.3 43.9
 86 62.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.414 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

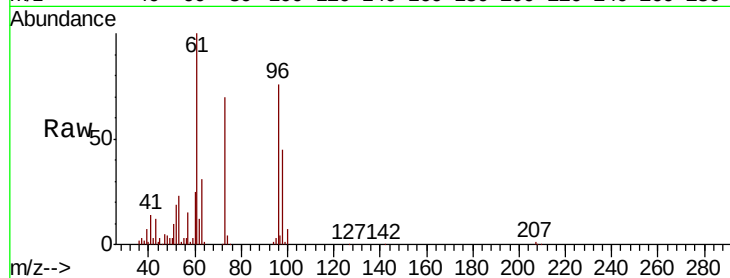
Tot Ion: 96 Resp: 50329

Ion Ratio Lower Upper

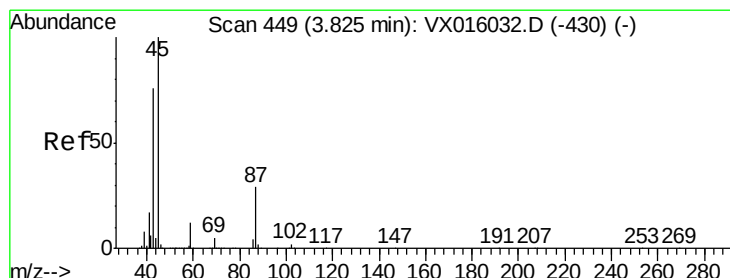
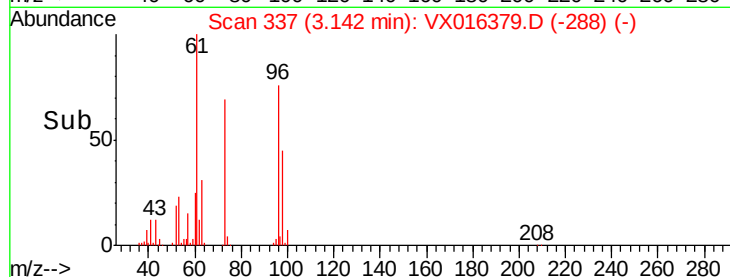
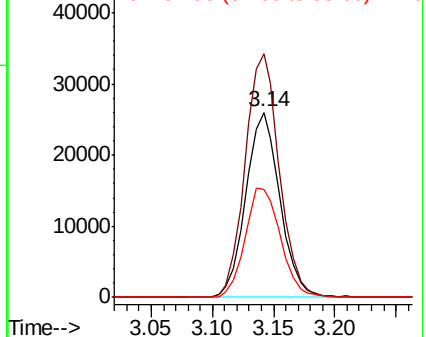
96 100

61 131.8 111.2 166.8

98 58.7 50.2 75.4



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: 16.638 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion: 45 Resp: 149260

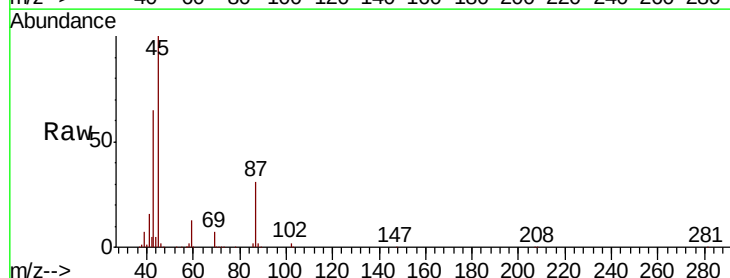
Ion Ratio Lower Upper

45 100

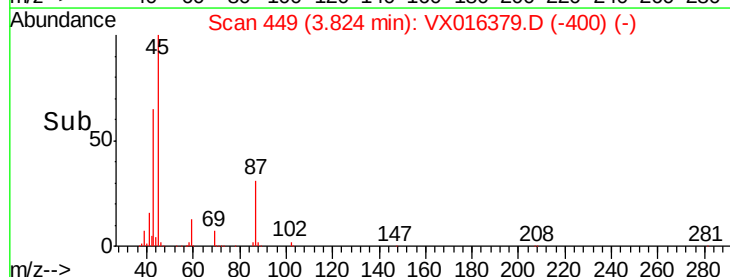
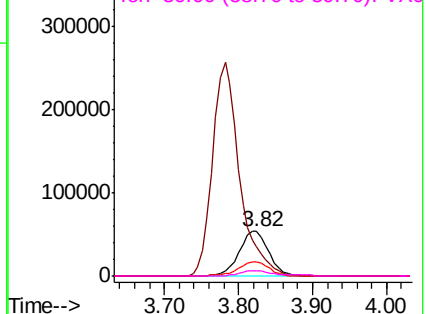
43 64.7 61.1 91.7

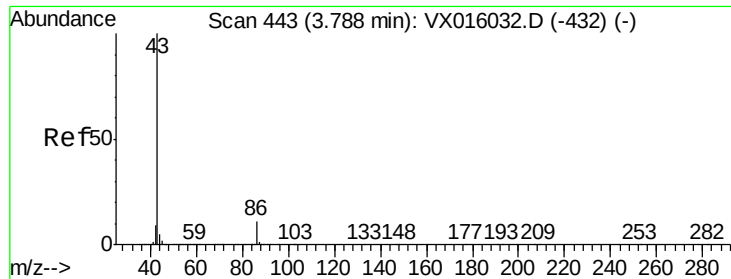
87 31.4 23.0 34.6

59 12.6 9.8 14.6



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 82.136 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

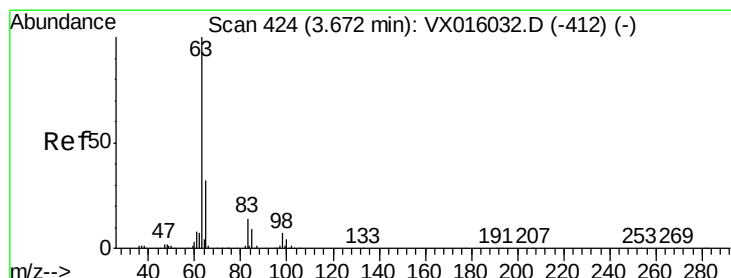
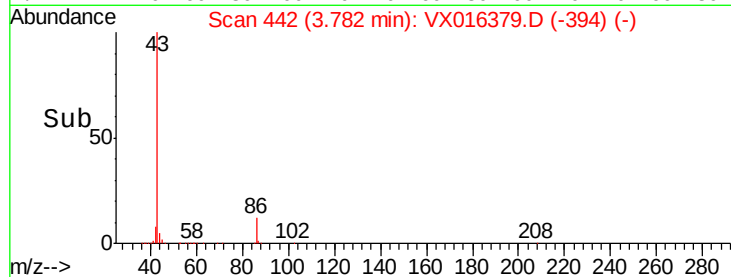
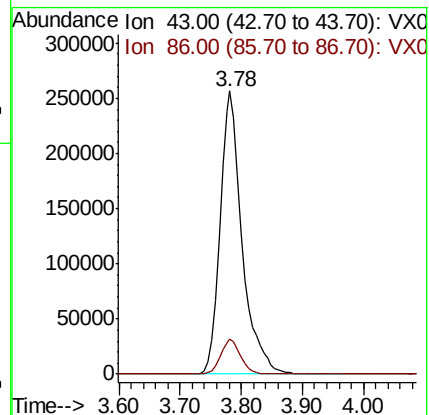
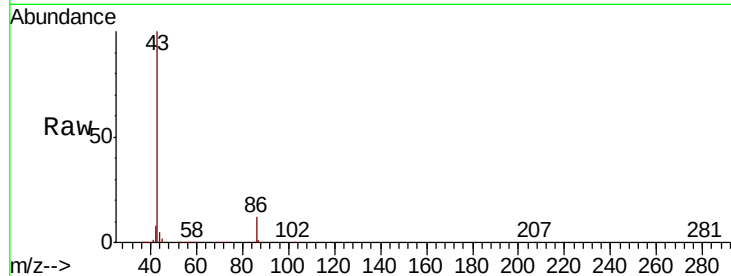
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 648280

Ion Ratio Lower Upper

43 100

86 12.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.488 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

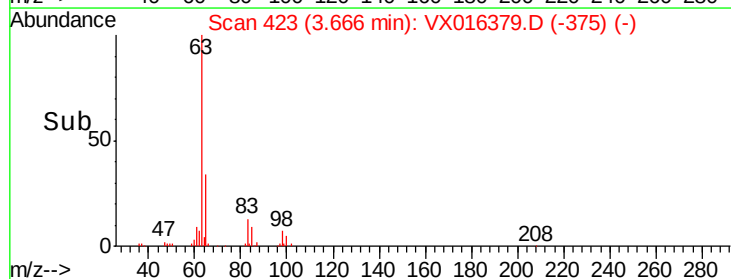
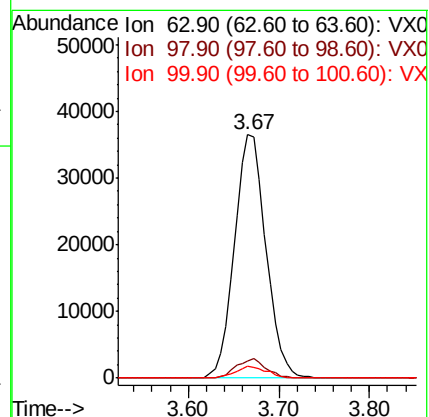
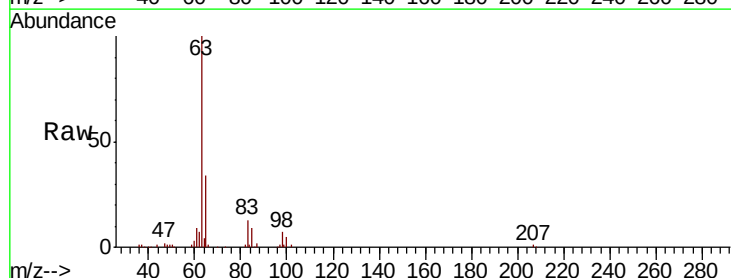
Tgt Ion: 63 Resp: 87763

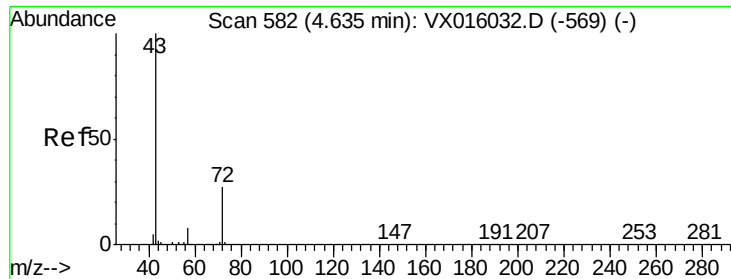
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 79.816 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

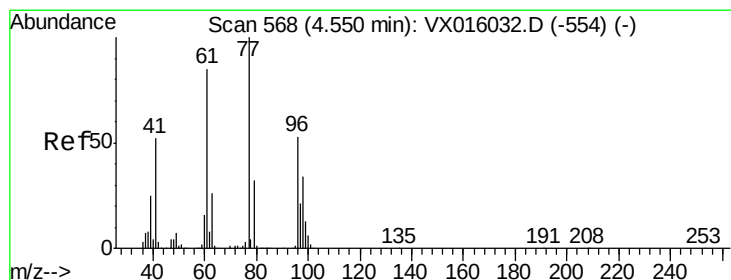
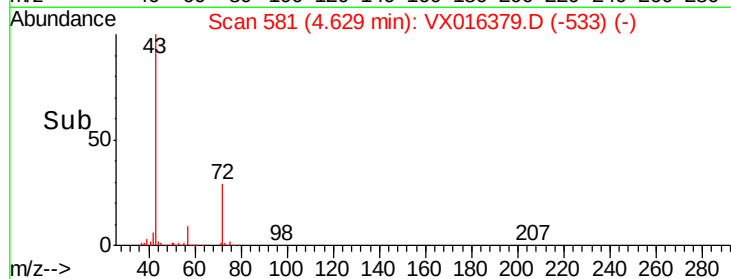
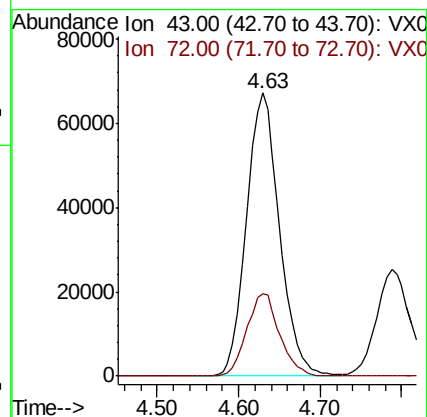
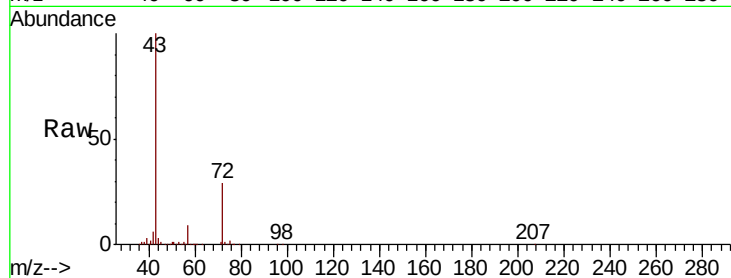
ClientSampleId :

Tot Ion: 43 Resp: 188407

Ion Ratio Lower Upper

43 100

72 28.8 21.8 32.8



#26

2,2-Dichloropropane

Concen: 17.018 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016379.D

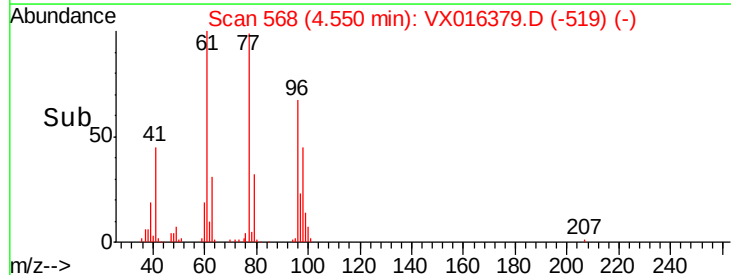
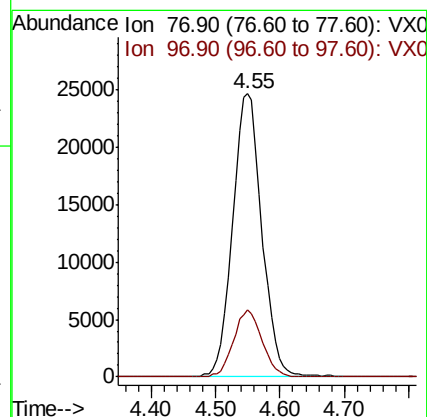
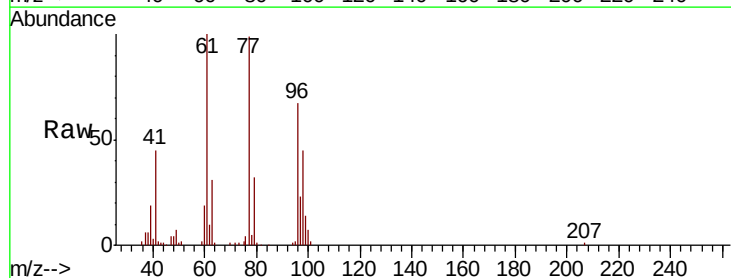
Acq: 21 May 2020 13:33

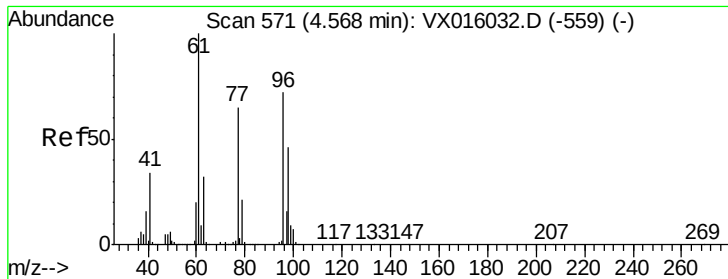
Tgt Ion: 77 Resp: 77996

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



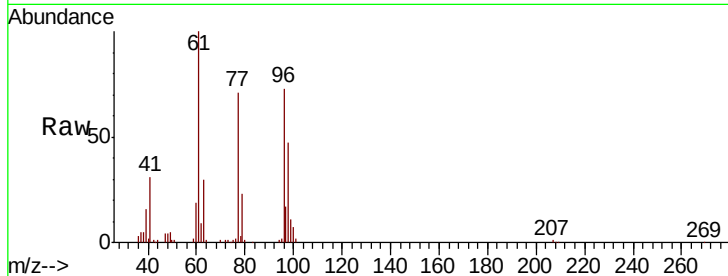


#27

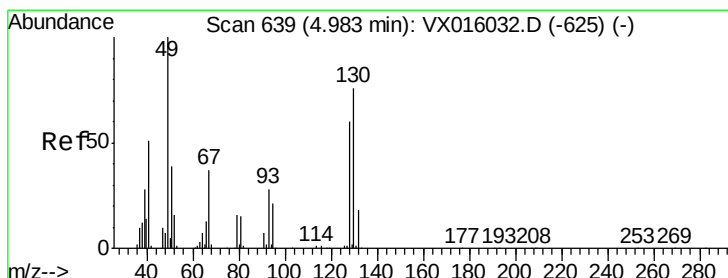
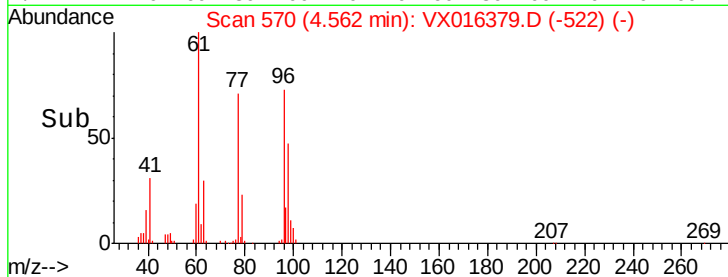
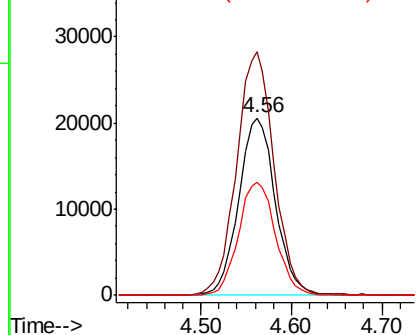
cis-1,2-Dichloroethene
Concen: 18.238 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	57624
Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	296.2
98	64.5	0.0	129.4



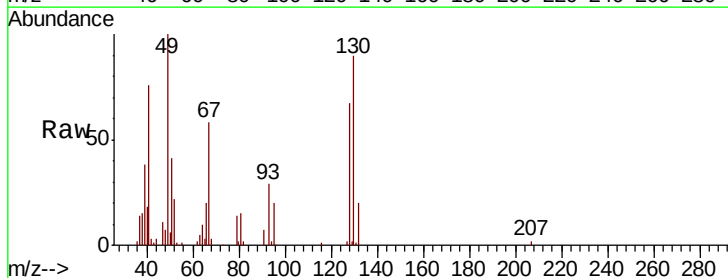
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



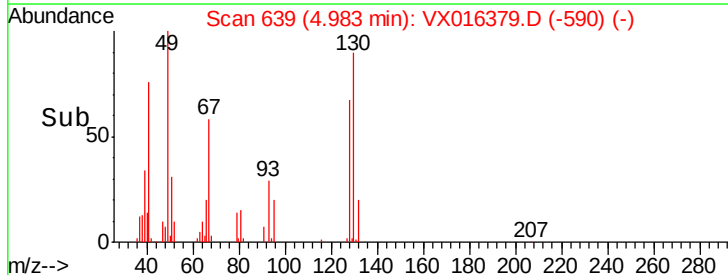
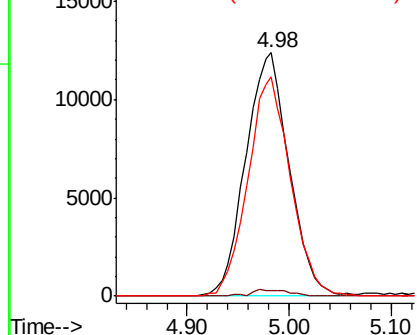
#28

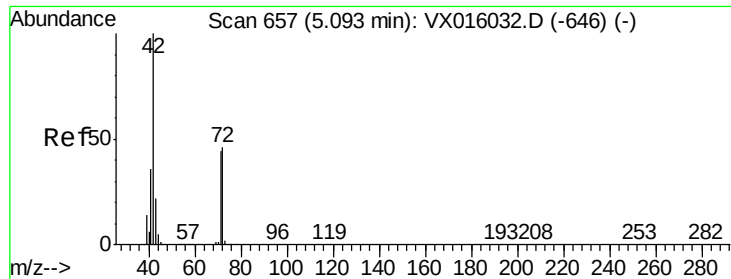
Bromochloromethane
Concen: 15.985 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	49	Resp	36580
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	88.4	62.4	93.6



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

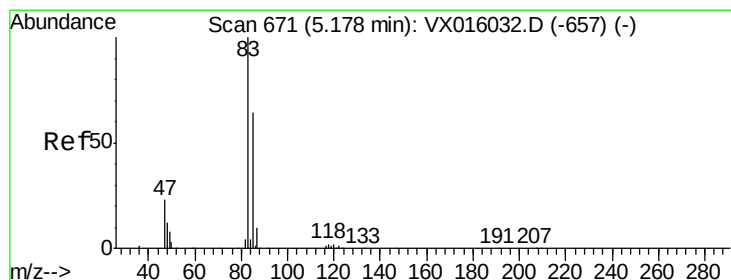
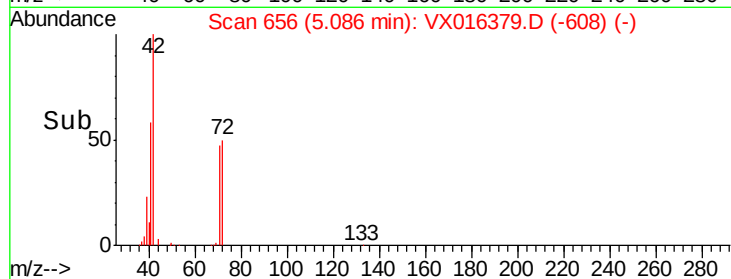
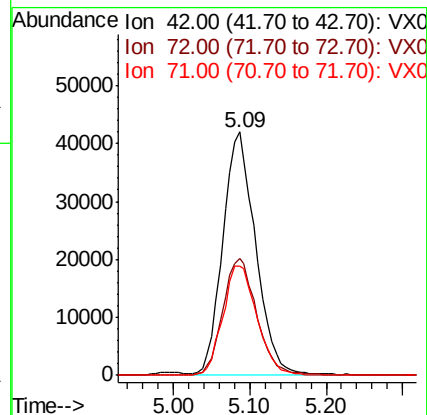
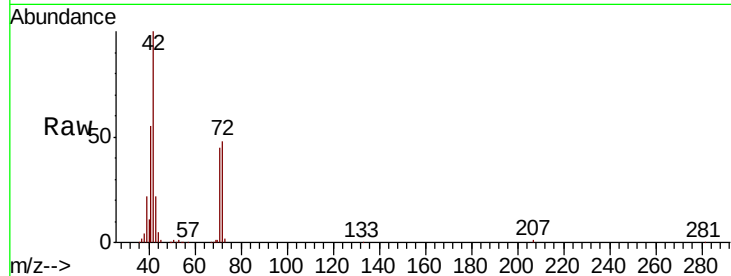




#29
Tetrahydrofuran
Concen: 79.479 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

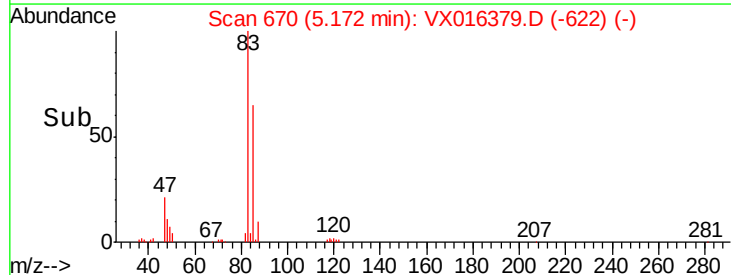
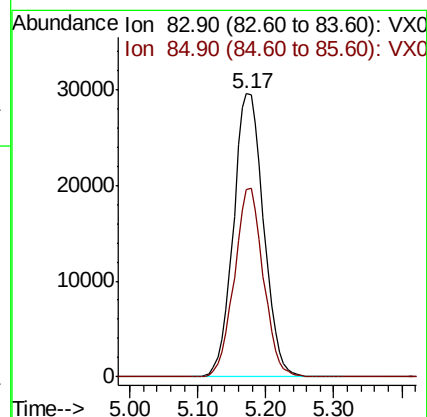
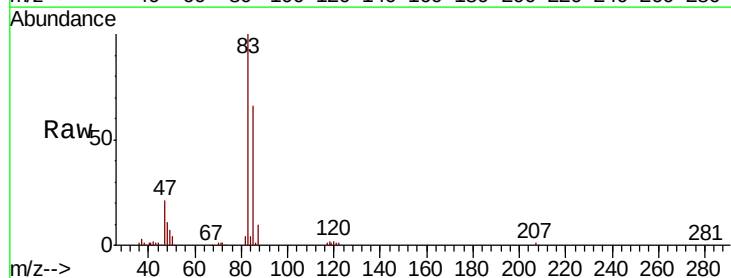
Instrument :
MSVOA_X
ClientSampleId :

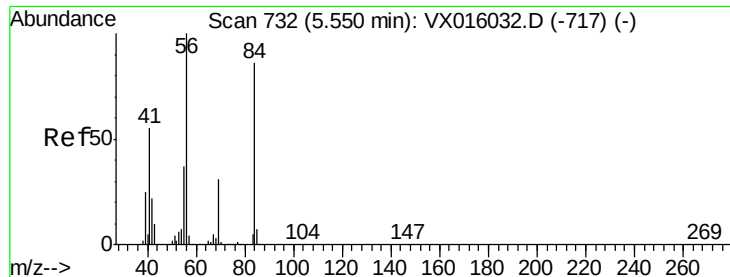
Tot Ion: 42 Resp: 124312
Ion Ratio Lower Upper
42 100
72 50.0 37.1 55.7
71 46.9 34.5 51.7



#30
Chloroform
Concen: 18.209 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 83 Resp: 90984
Ion Ratio Lower Upper
83 100
85 66.1 51.6 77.4

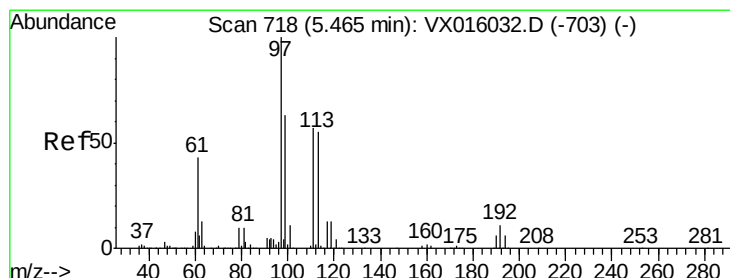
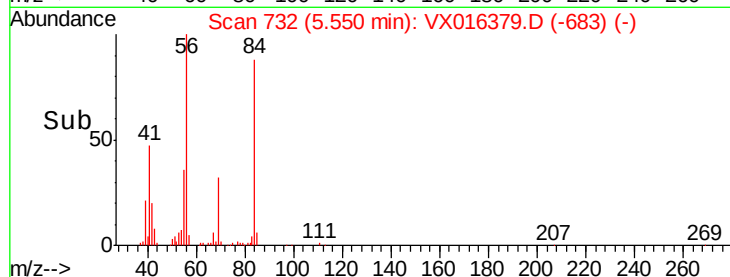
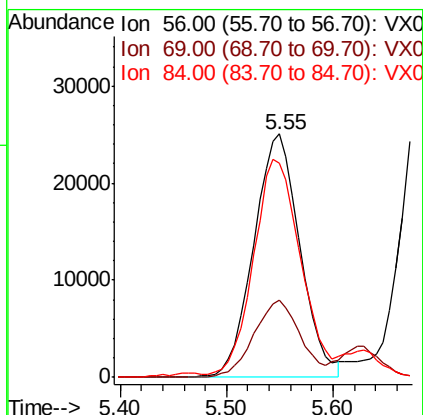
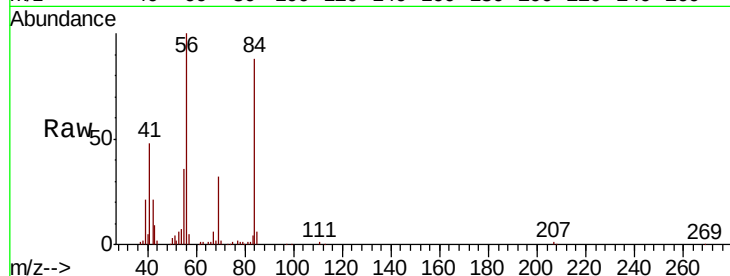




#31
Cyclohexane
Concen: 16.631 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

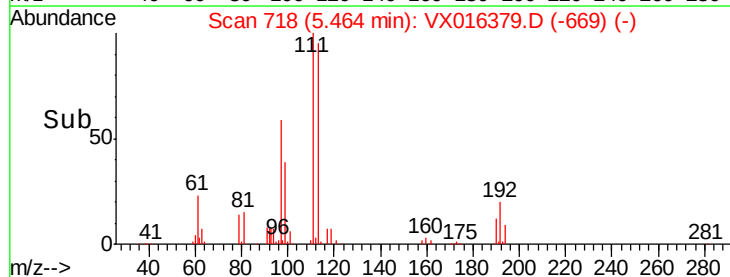
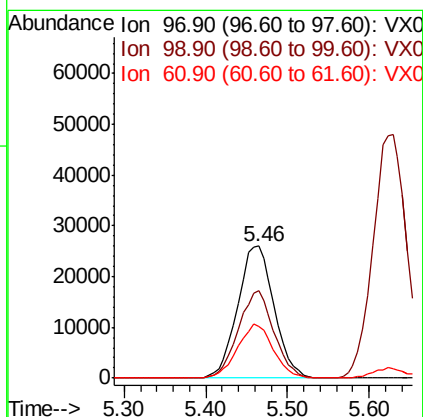
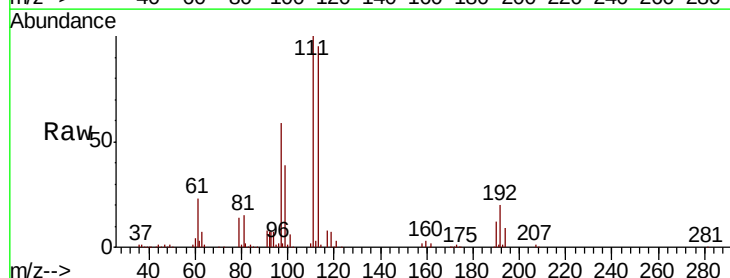
Instrument :
MSVOA_X
ClientSampleId :

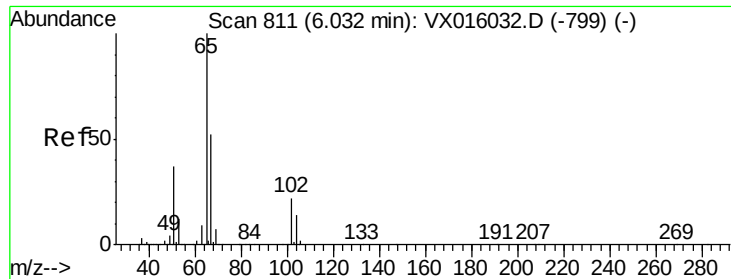
Tot Ion: 56 Resp: 75852
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.6
84 86.0 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.801 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 97 Resp: 80853
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 40.0 34.5 51.7

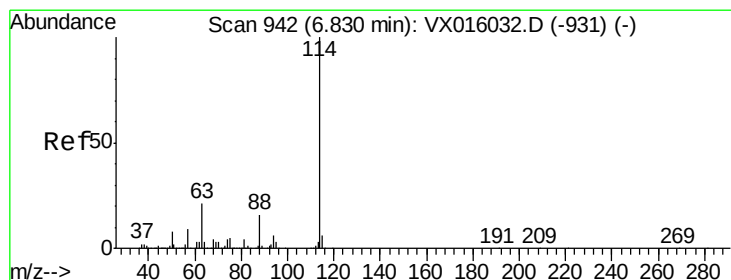
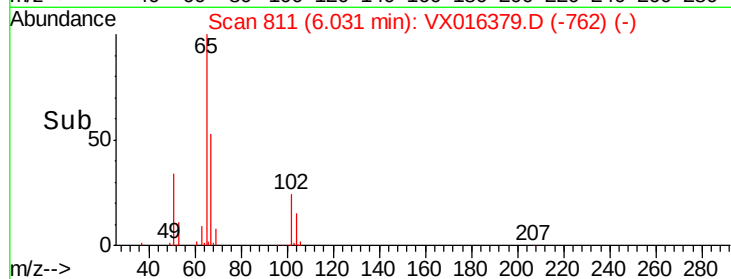
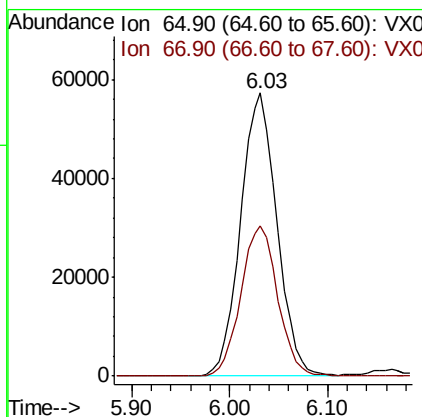
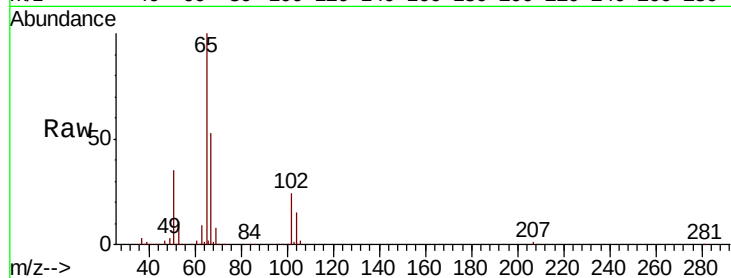




#33
 1,2-Dichloroethane-d4
 Concen: 44.806 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

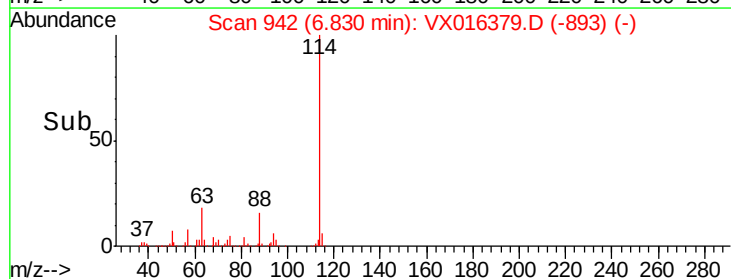
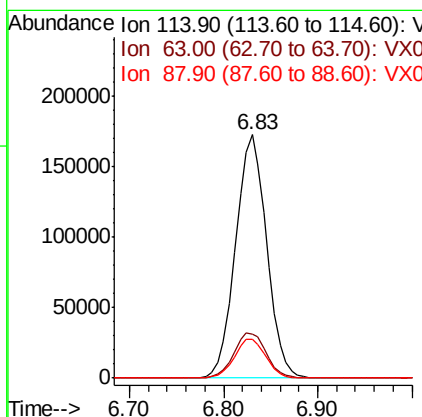
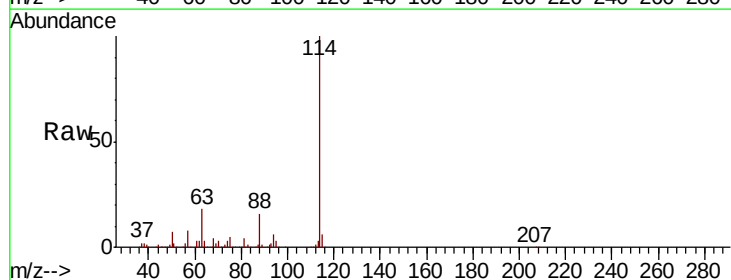
Instrument :
 MSVOA_X
 ClientSampleId :

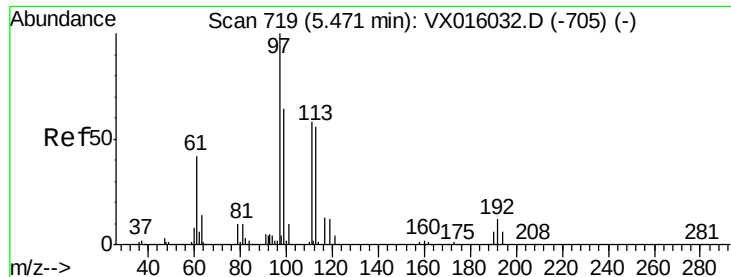
Tot Ion: 65 Resp: 147103
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion: 114 Resp: 397316
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.8
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.604 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

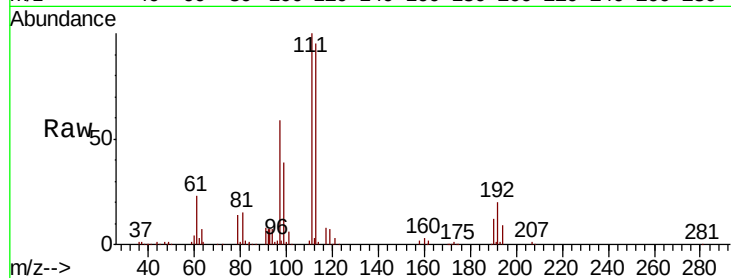
Tot Ion:113 Resp: 122345

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

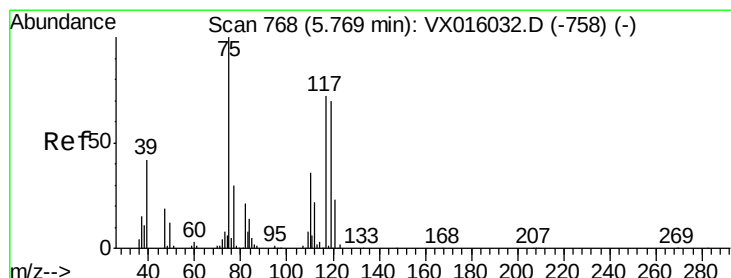
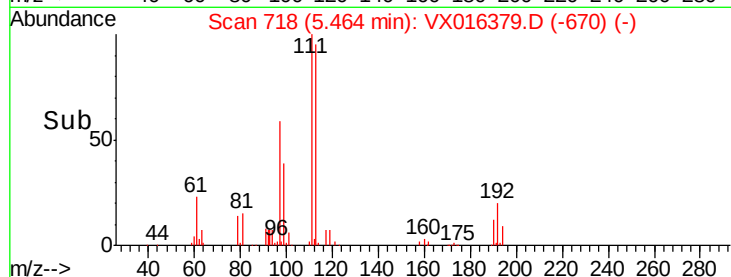
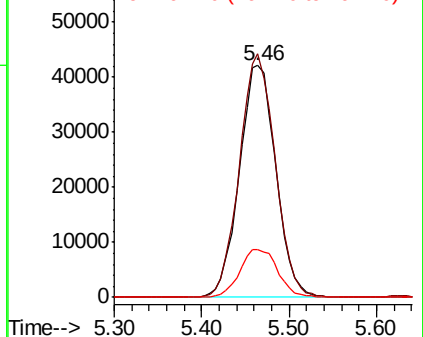
192 21.5 17.0 25.4



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: 17.276 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

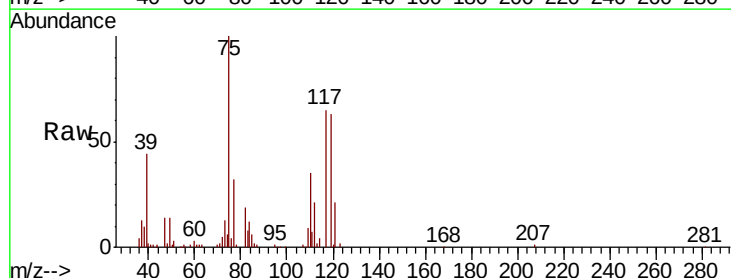
Tgt Ion: 75 Resp: 67567

Ion Ratio Lower Upper

75 100

110 36.3 18.1 54.1

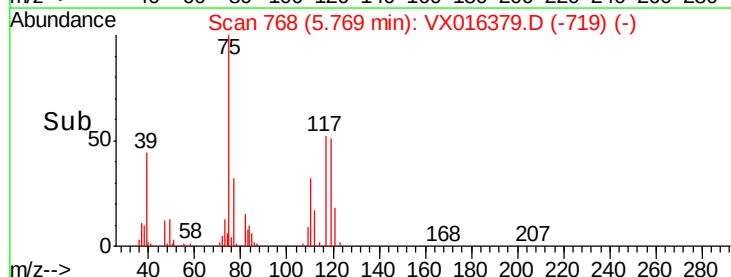
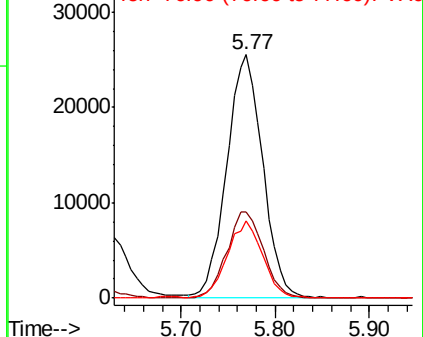
77 31.2 25.0 37.6

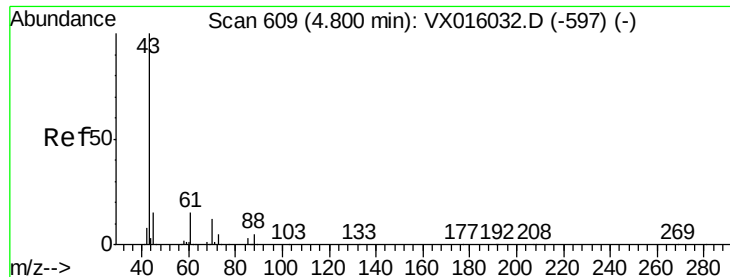


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

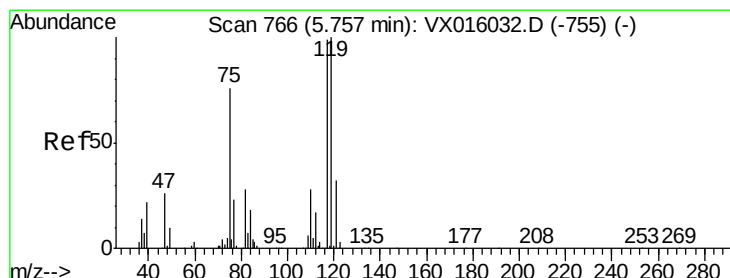
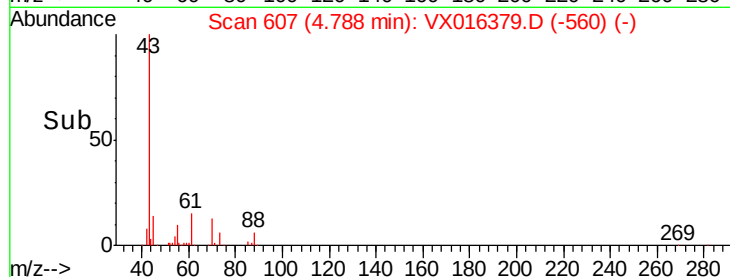
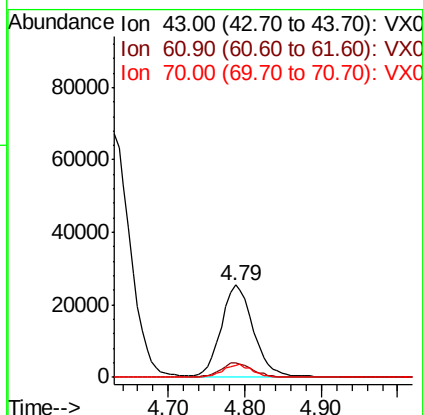
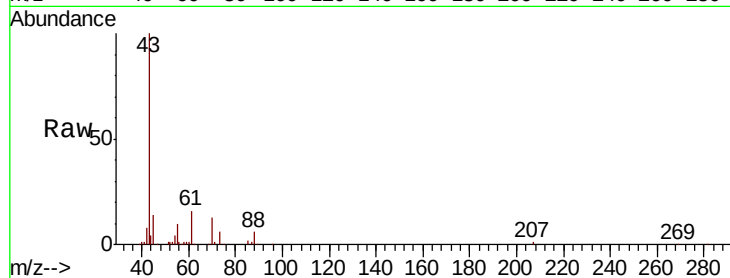




#37
Ethyl Acetate
Concen: 16.227 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

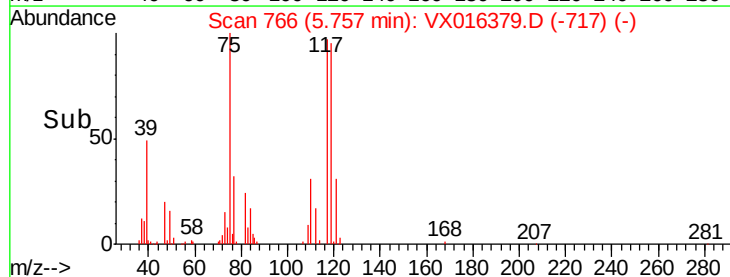
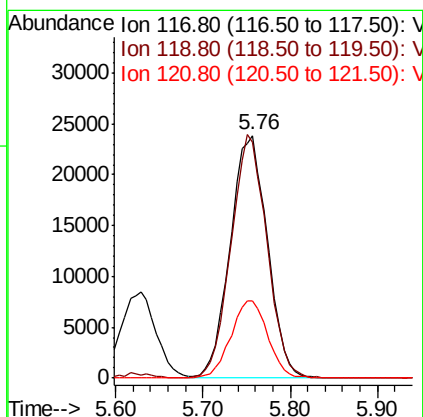
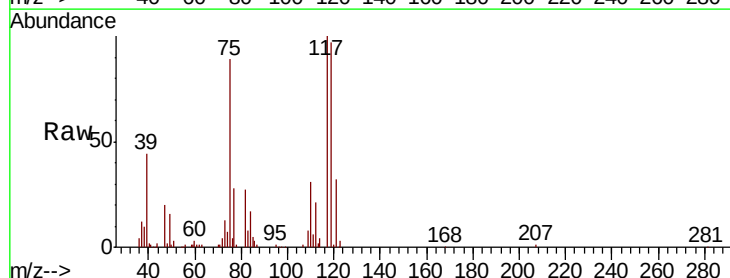
Instrument :
MSVOA_X
ClientSampleId :

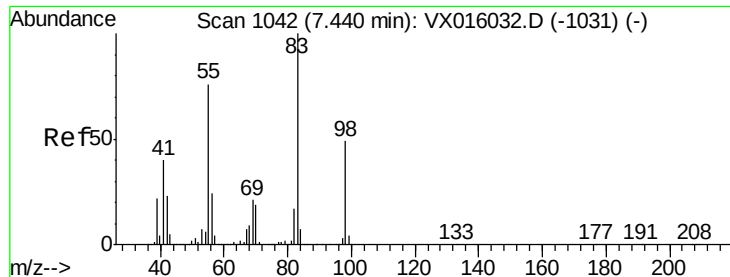
Tot Ion: 43 Resp: 73555
Ion Ratio Lower Upper
43 100
61 15.7 11.7 17.5
70 13.0 9.3 13.9



#38
Carbon Tetrachloride
Concen: 17.758 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 117 Resp: 70594
Ion Ratio Lower Upper
117 100
119 96.9 80.3 120.5
121 32.1 25.7 38.5

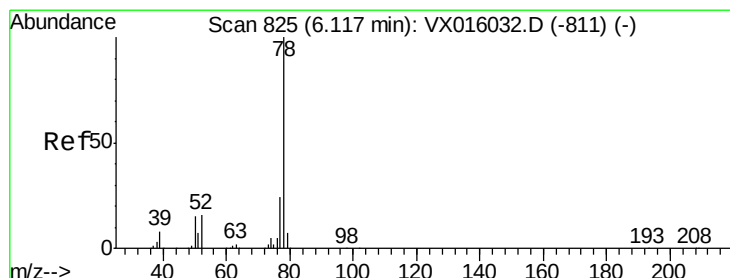
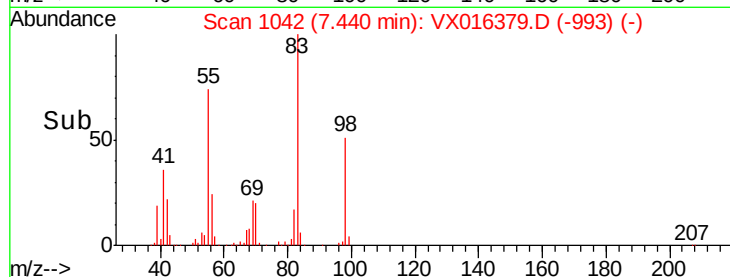
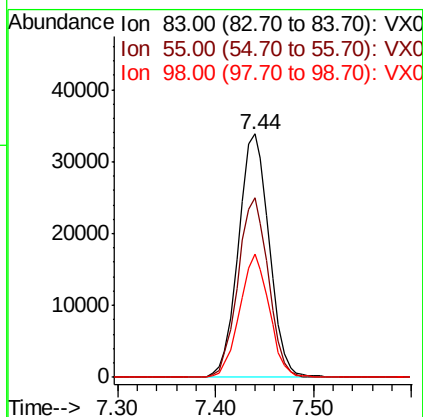
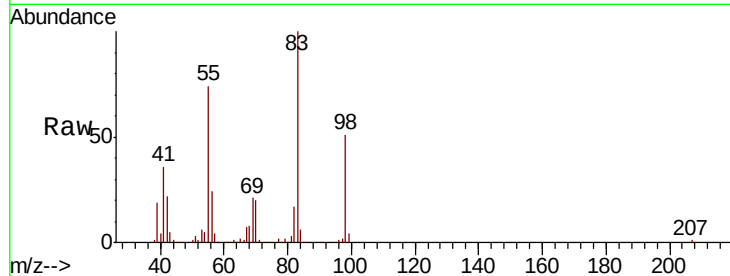




#39
Methylvlcyclohexane
Concen: 15.688 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

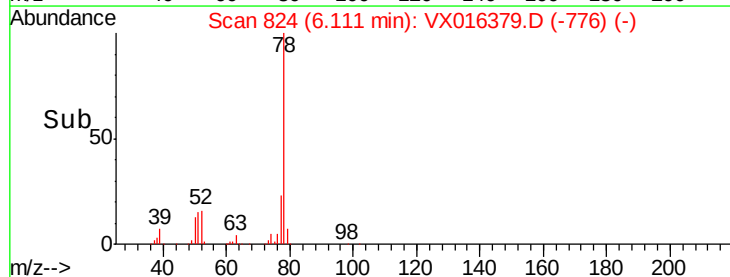
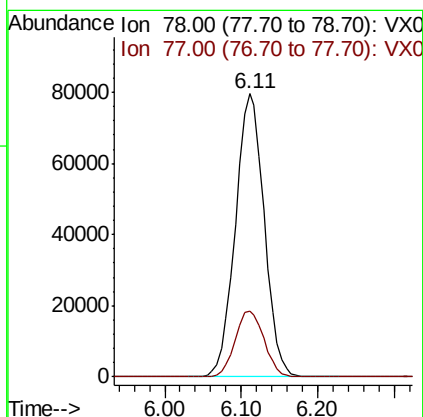
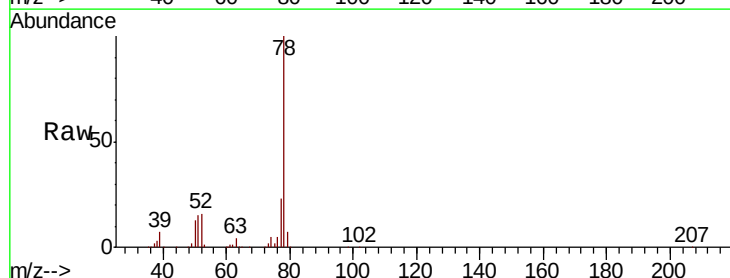
Instrument :
MSVOA_X
ClientSampleId :

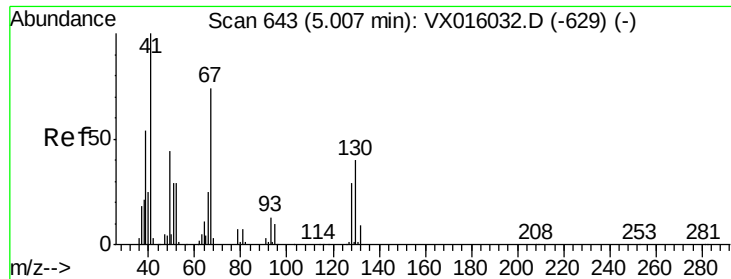
Tot Ion: 83 Resp: 73889
Ion Ratio Lower Upper
83 100
55 73.5 61.1 91.7
98 50.6 39.0 58.4



#40
Benzene
Concen: 18.153 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 78 Resp: 207729
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4

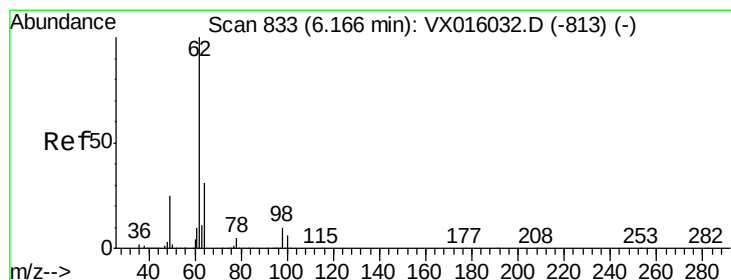
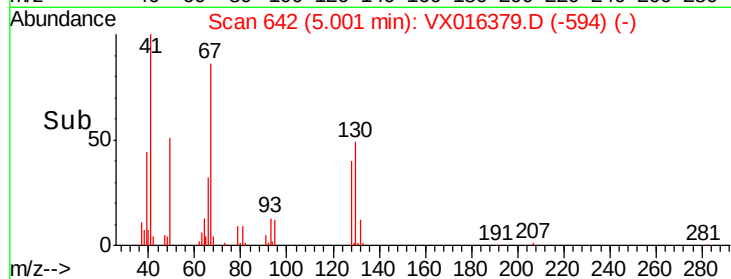
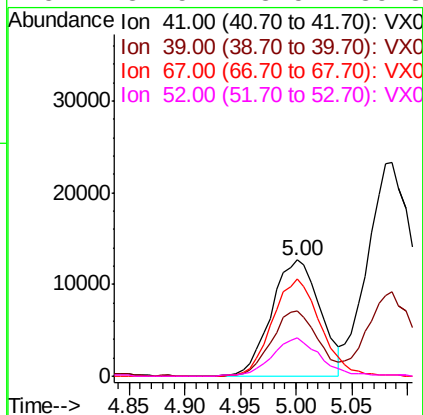
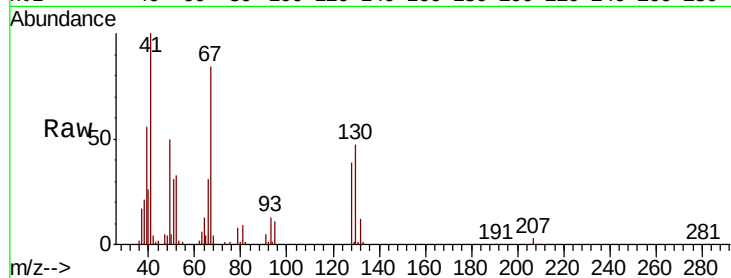




#41
Methacrylonitrile
Concen: 15.872 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

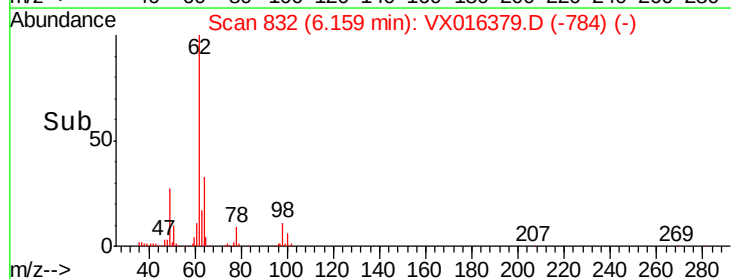
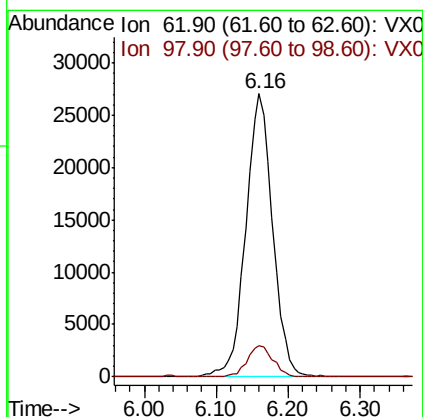
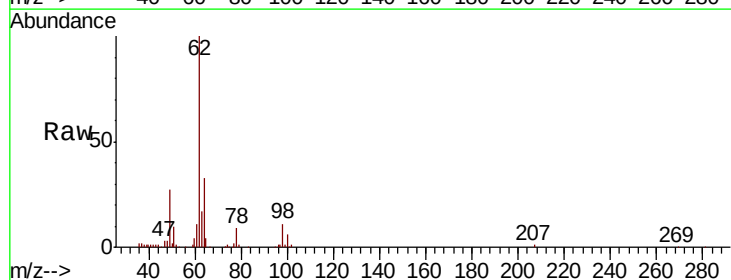
Instrument :
MSVOA_X
ClientSampleId :

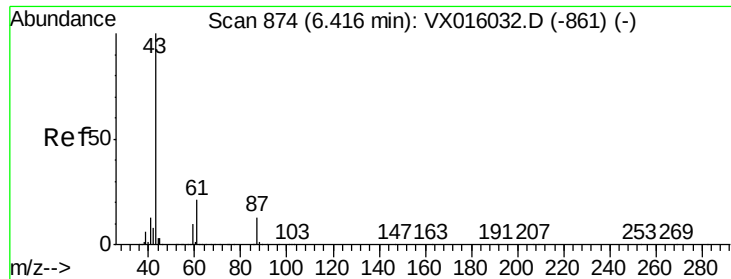
Tot Ion:	41	Resp:	38855
Ion	Ratio	Lower	Upper
41	100		
39	53.3	43.2	64.8
67	82.2	59.3	88.9
52	32.5	23.5	35.3



#42
1,2-Dichloroethane
Concen: 16.957 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion:	62	Resp:	69902
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.4





#43

Isopropyl Acetate

Concen: 16.206 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

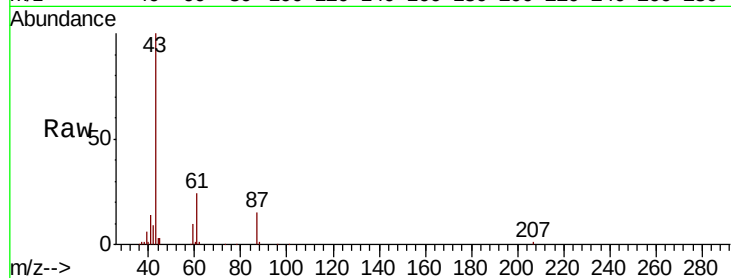
Tot Ion: 43 Resp: 117212

Ion Ratio Lower Upper

43 100

61 23.5 17.0 25.4

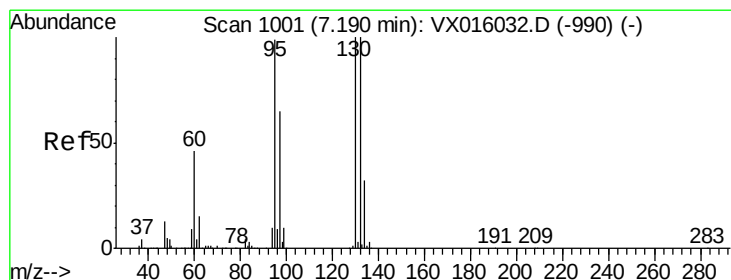
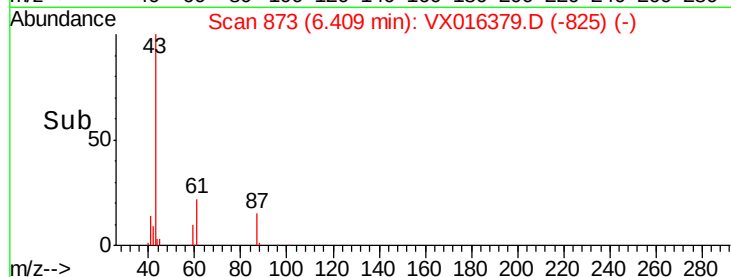
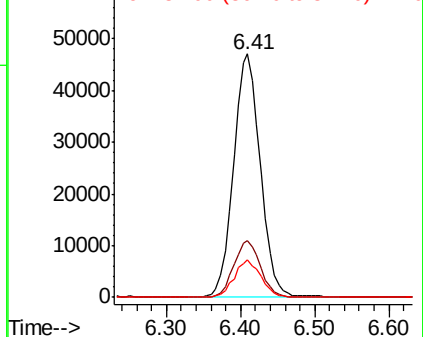
87 15.4 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 16.419 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016379.D

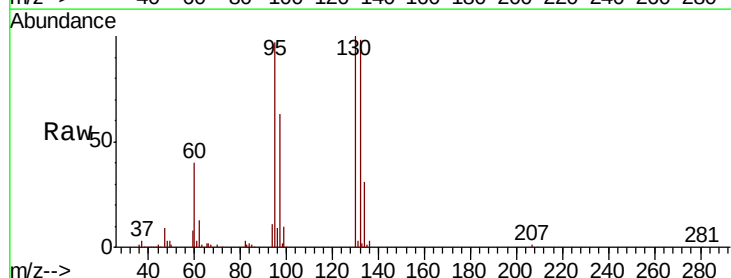
Acq: 21 May 2020 13:33

Tgt Ion: 130 Resp: 66750

Ion Ratio Lower Upper

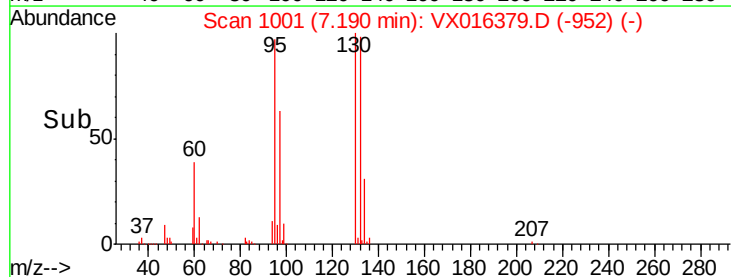
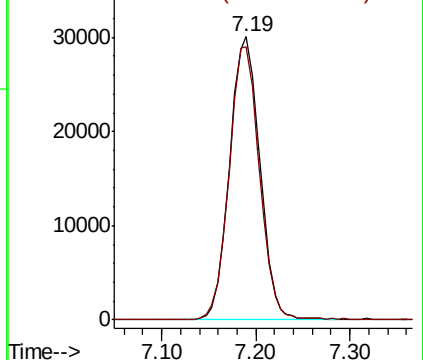
130 100

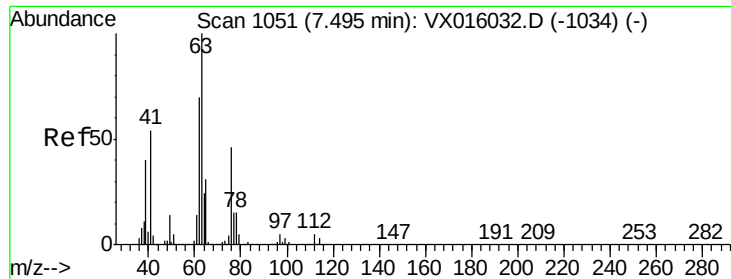
95 96.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

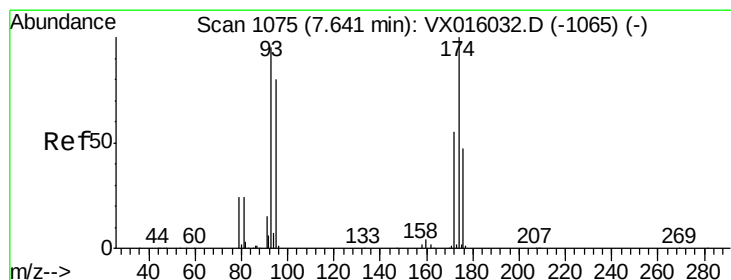
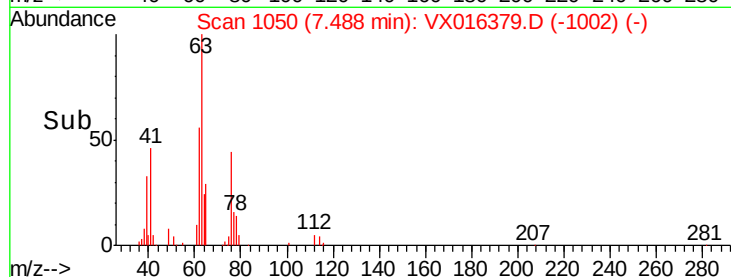
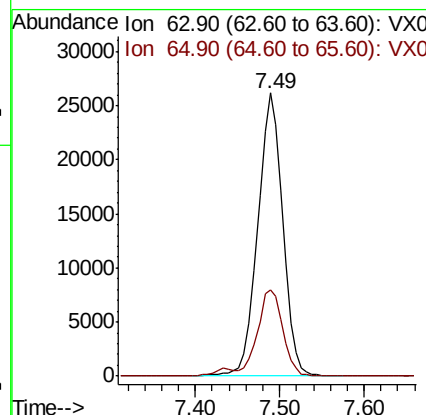
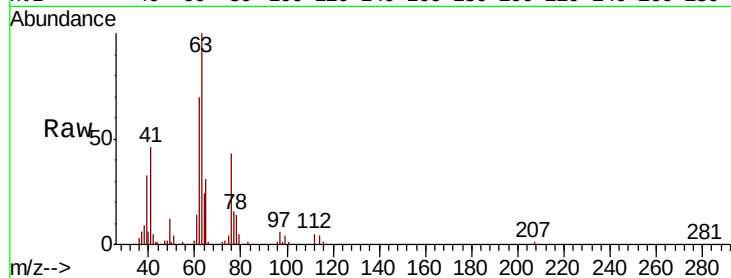




#45
 1,2-Dichloropropane
 Concen: 18.195 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

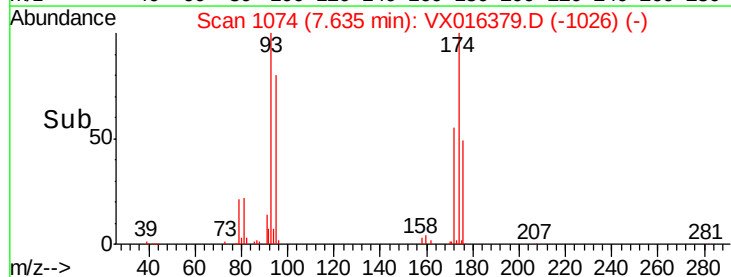
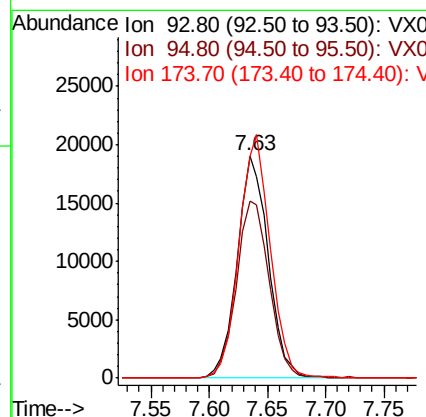
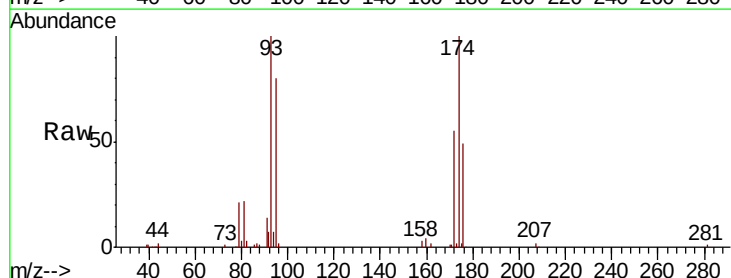
Instrument :
 MSVOA_X
 ClientSampleId :

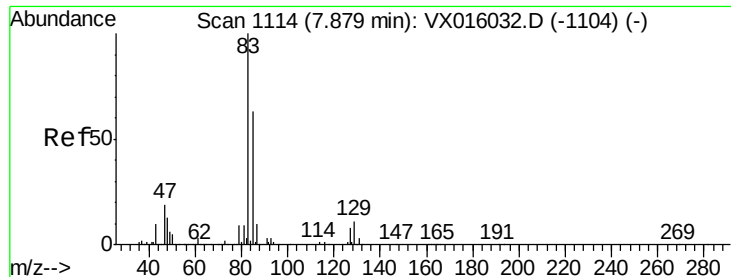
Tot Ion: 63 Resp: 52686
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.4 36.6



#46
 Dibromomethane
 Concen: 18.057 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion: 93 Resp: 35531
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 109.6 84.2 126.4





#47

Bromodichloromethane

Concen: 17.890 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

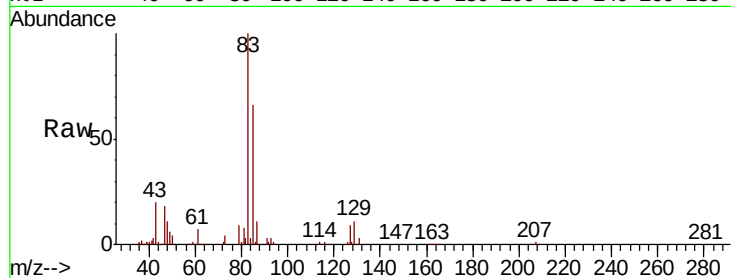
Tot Ion: 83 Resp: 71697

Ion Ratio Lower Upper

83 100

85 66.0 50.5 75.7

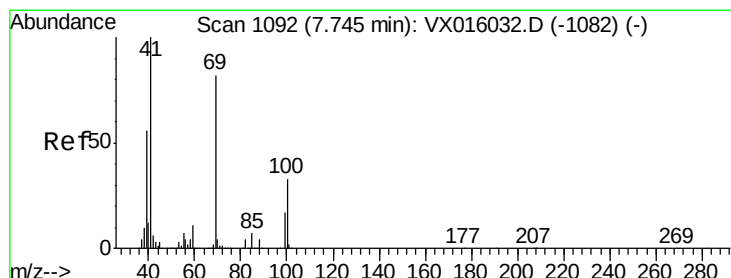
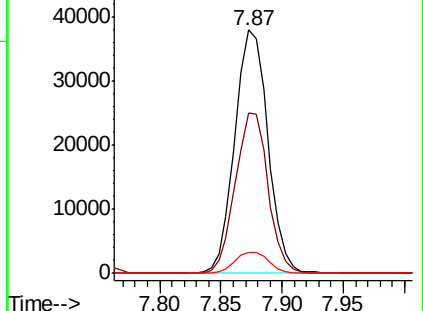
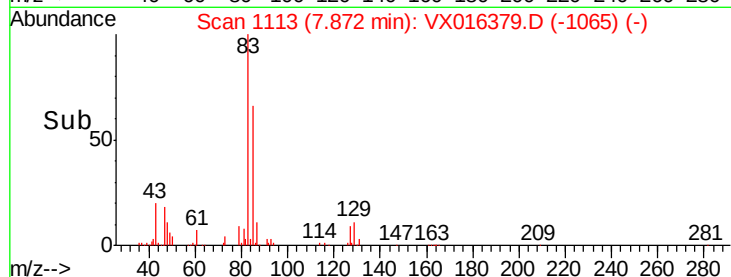
127 8.7 6.7 10.1



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: 16.125 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

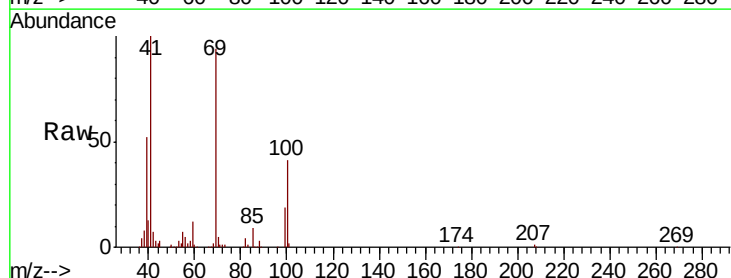
Tgt Ion: 41 Resp: 55263

Ion Ratio Lower Upper

41 100

69 94.3 67.8 101.6

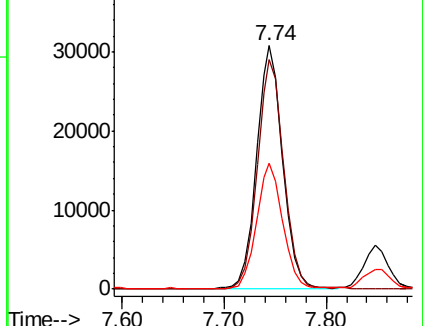
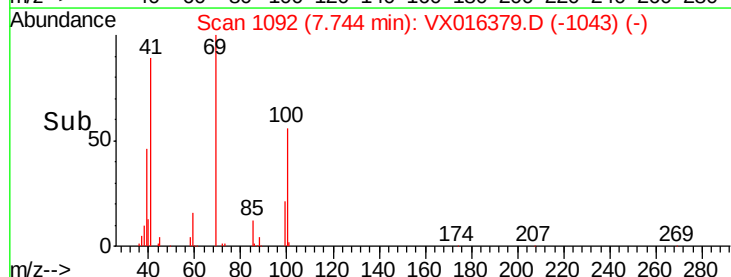
39 51.8 44.6 67.0

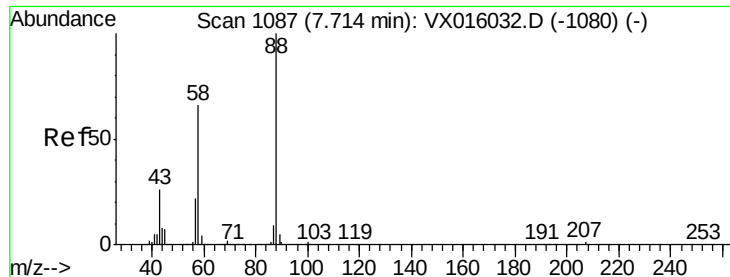


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

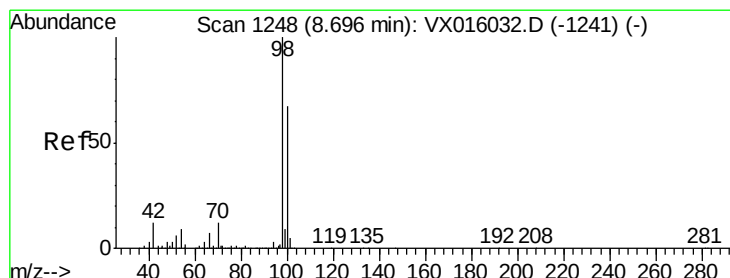
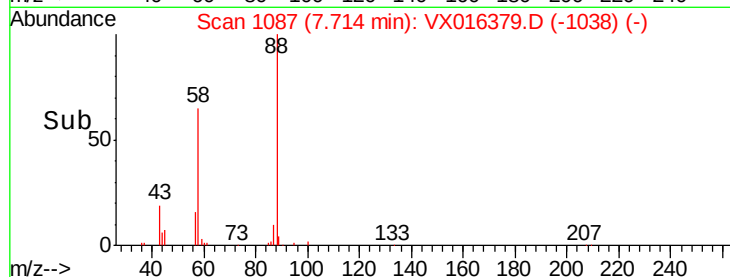
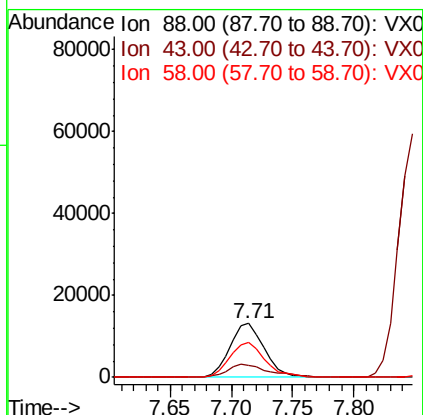
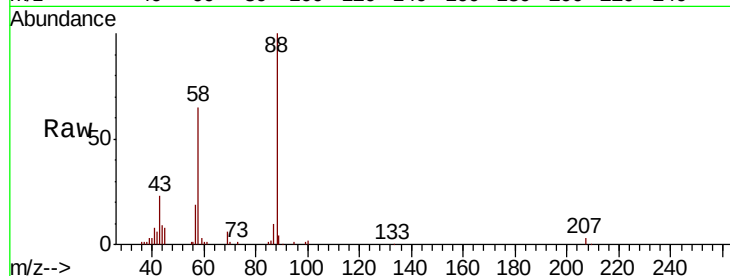




#49
1,4-Dioxane
Concen: 310.754 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

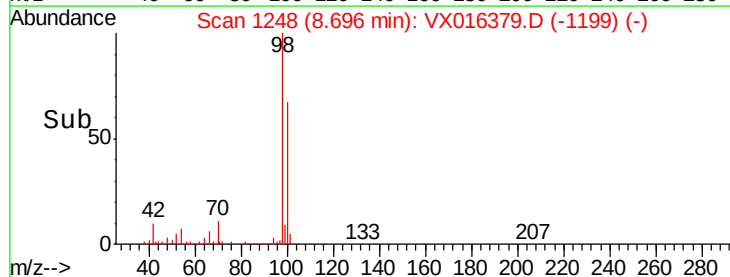
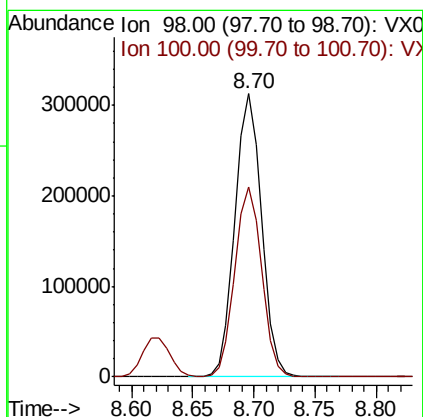
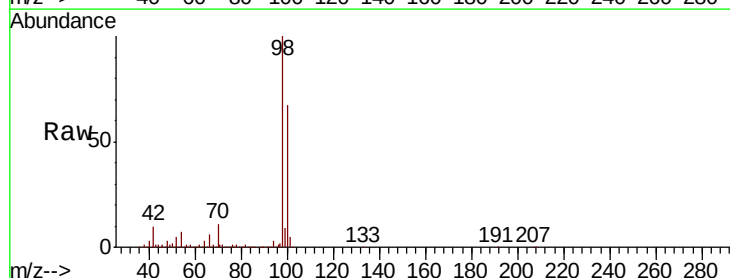
Instrument :
MSVOA_X
ClientSampleId :

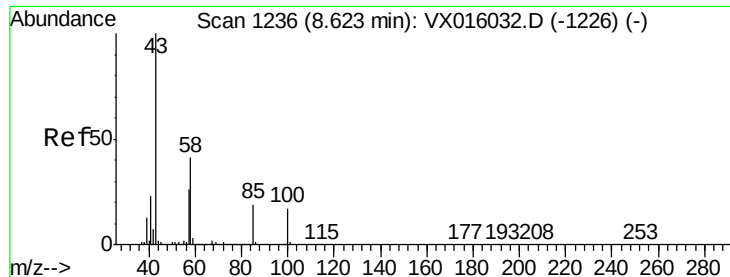
Tot Ion	88	Resp	25542
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	66.9	55.9	83.9



#50
Toluene-d8
Concen: 48.665 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion	98	Resp	471990
Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.7	80.5

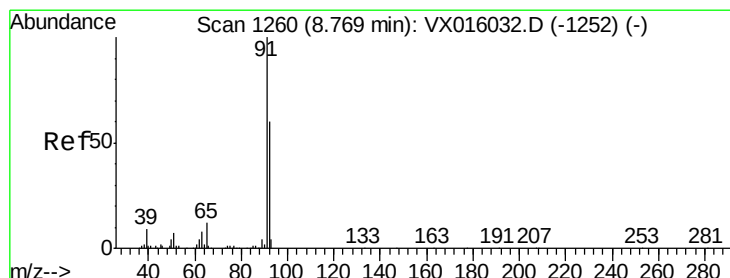
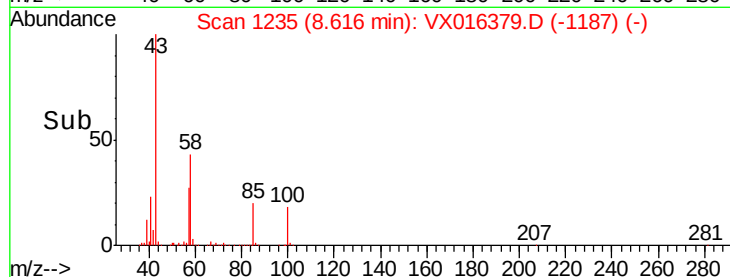
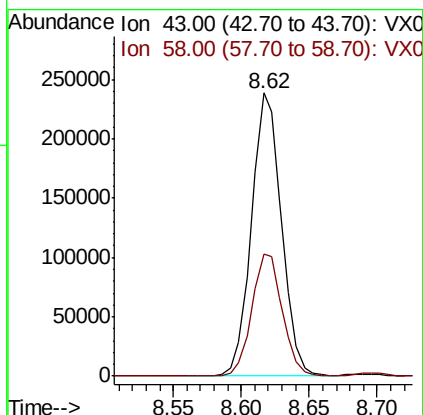
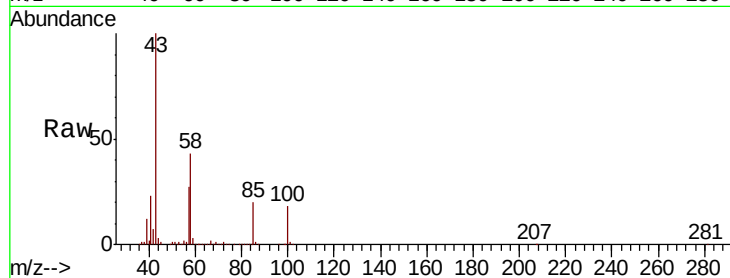




#51
4-Methyl-2-Pentanone
Concen: 83.402 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

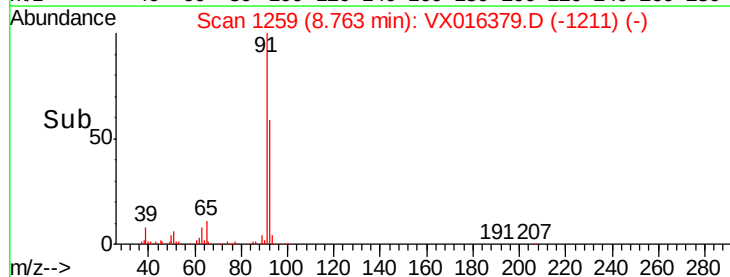
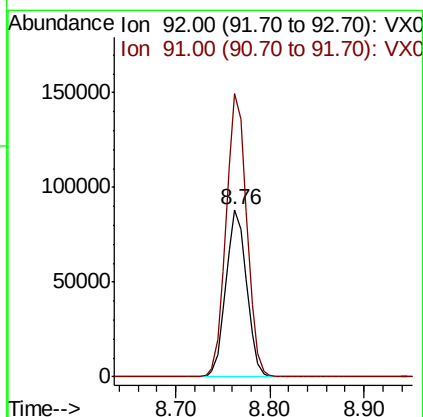
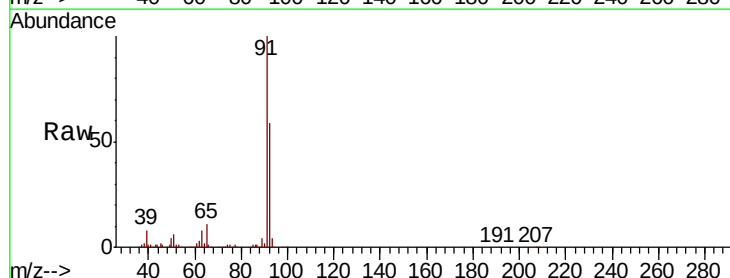
Instrument :
MSVOA_X
ClientSampleId :

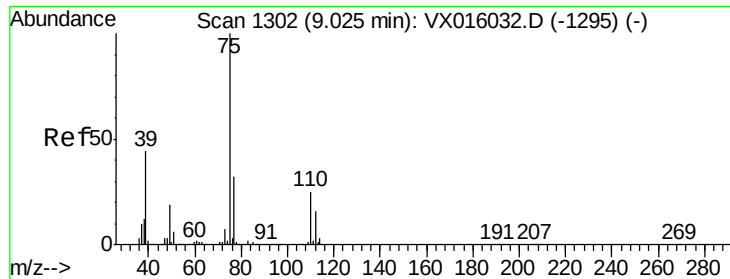
Tot Ion: 43 Resp: 369129
Ion Ratio Lower Upper
43 100
58 43.9 33.0 49.4



#52
Toluene
Concen: 18.930 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 92 Resp: 135024
Ion Ratio Lower Upper
92 100
91 168.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 17.632 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

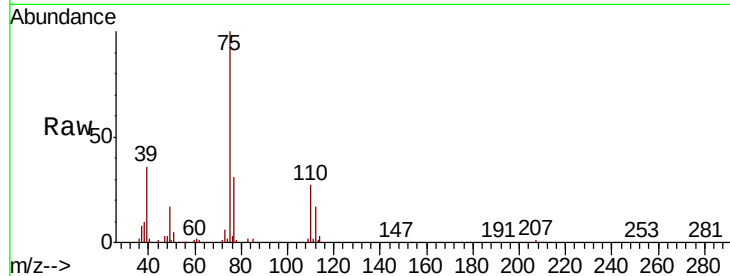
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 84250

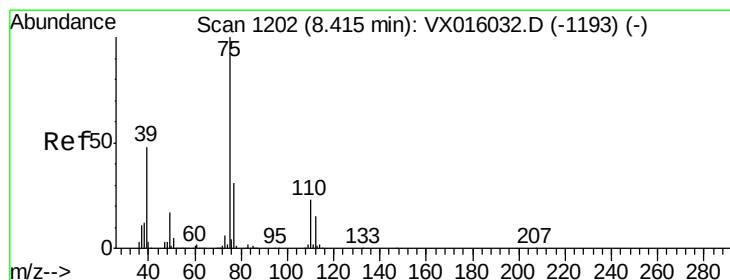
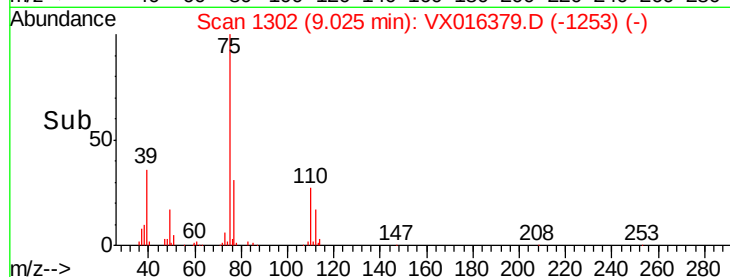
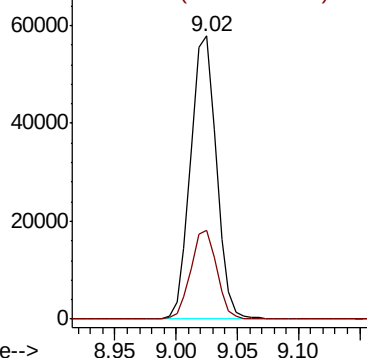
Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.320 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

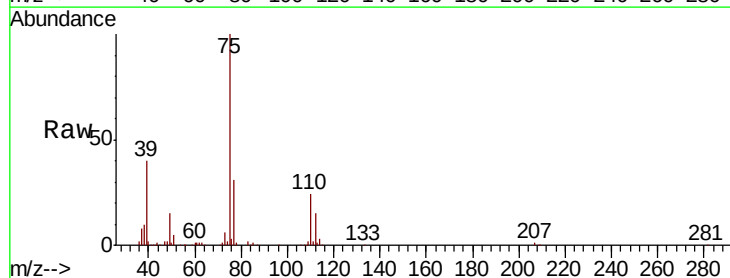
Tgt Ion: 75 Resp: 91433

Ion Ratio Lower Upper

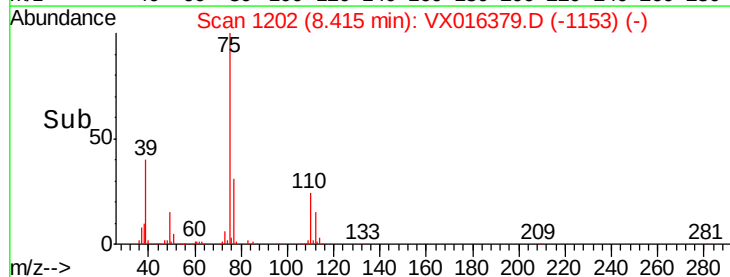
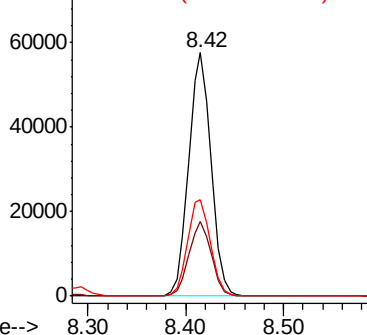
75 100

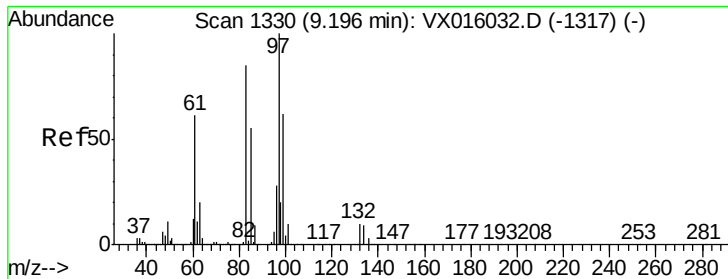
77 30.7 24.7 37.1

39 39.7 38.7 58.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.125 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 53672

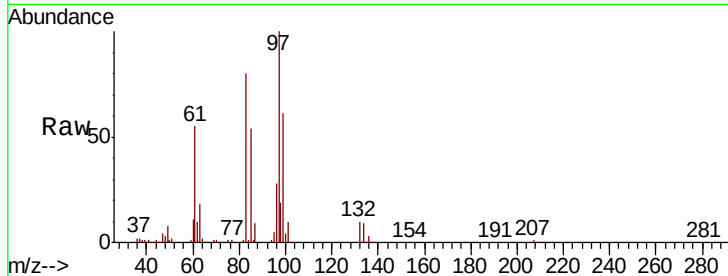
Ion Ratio Lower Upper

97 100

83 80.3 67.8 101.8

85 54.2 43.8 65.8

99 61.4 49.4 74.0



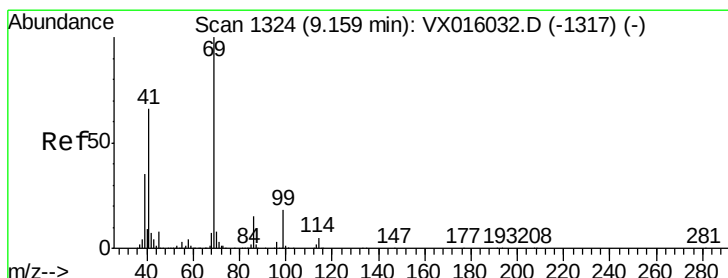
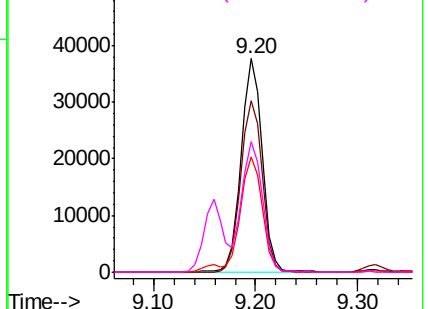
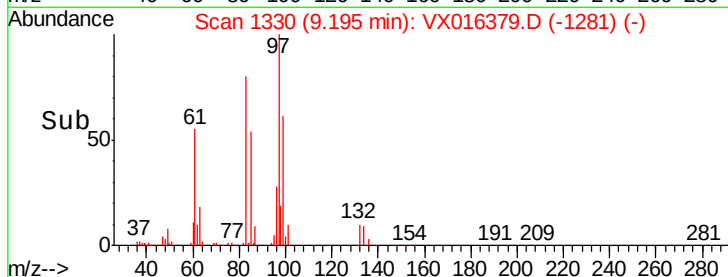
Abundance

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: 18.270 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

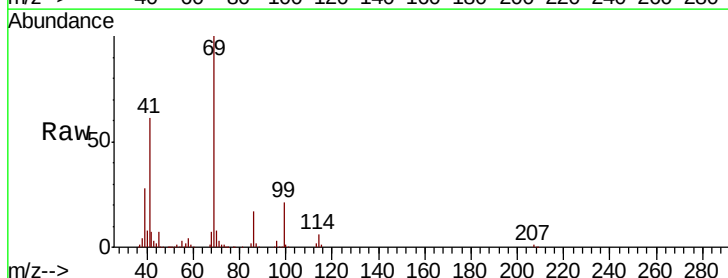
Tgt Ion: 69 Resp: 83691

Ion Ratio Lower Upper

69 100

41 59.4 52.2 78.4

39 29.6 28.2 42.4

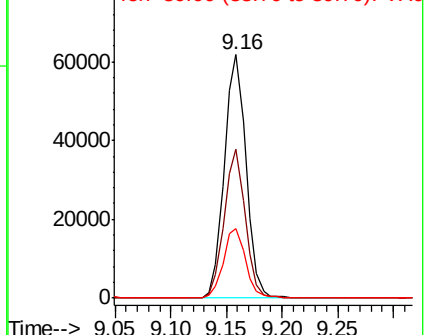
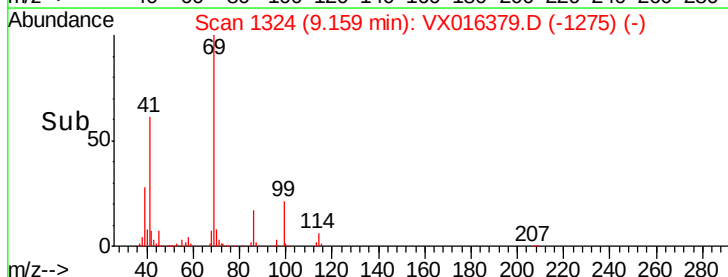


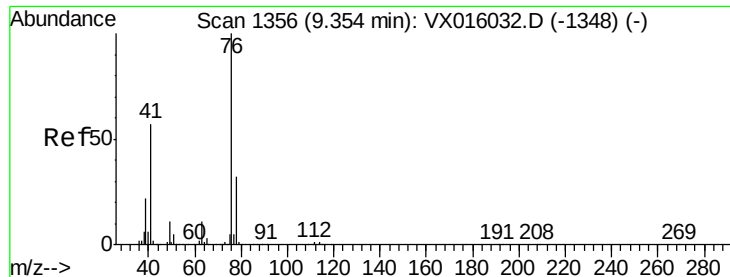
Abundance

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: 18.671 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

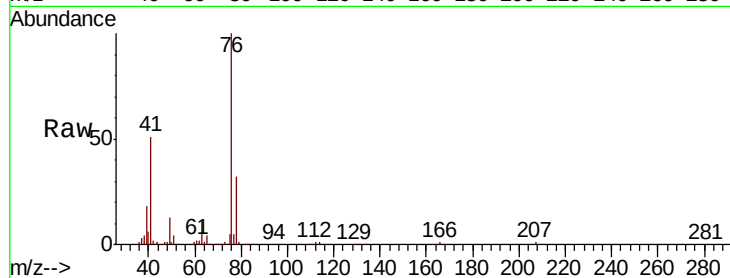
ClientSampleId :

Tot Ion: 76 Resp: 91427

Ion Ratio Lower Upper

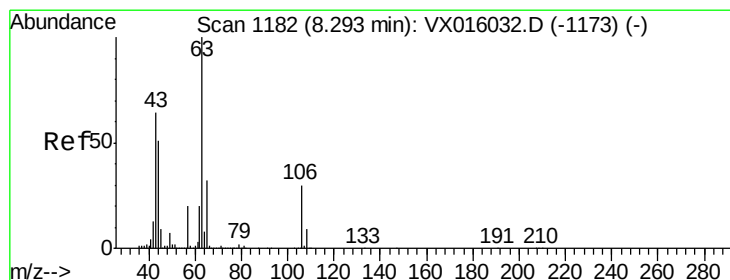
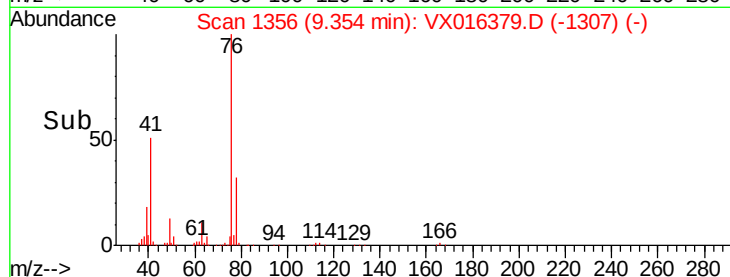
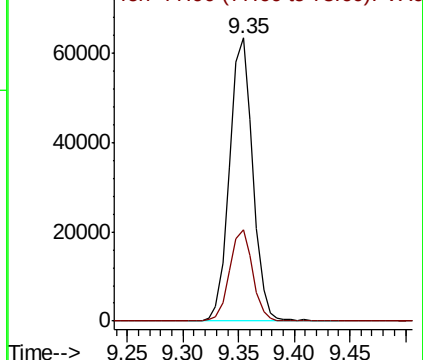
76 100

78 32.1 25.9 38.9



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: 82.795 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016379.D

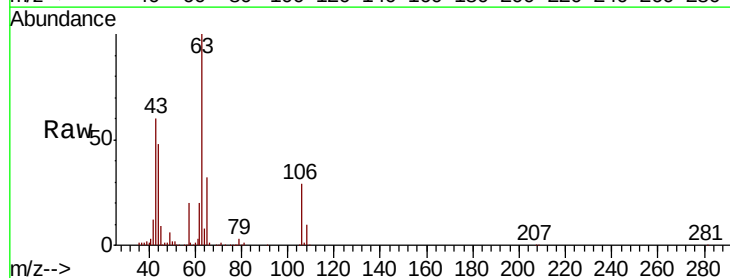
Acq: 21 May 2020 13:33

Tgt Ion: 63 Resp: 201914

Ion Ratio Lower Upper

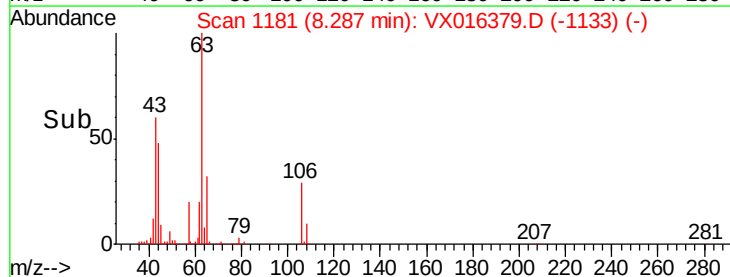
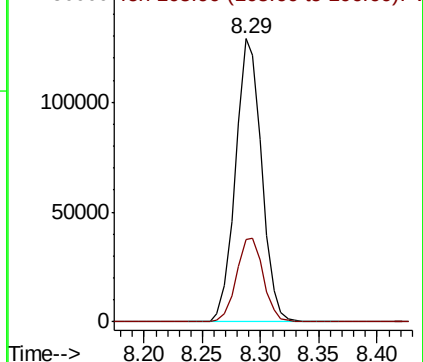
63 100

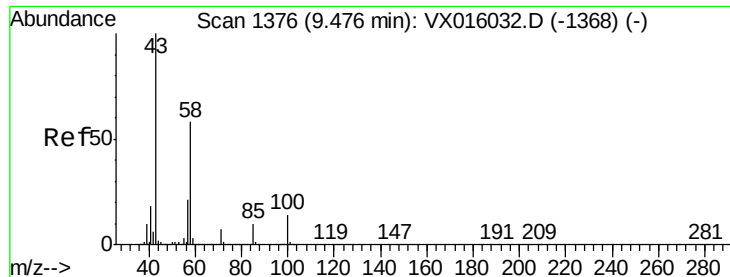
106 30.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

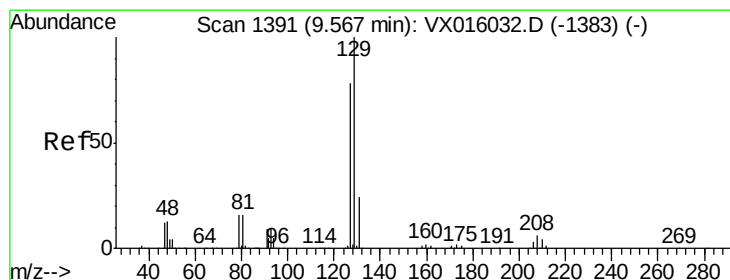
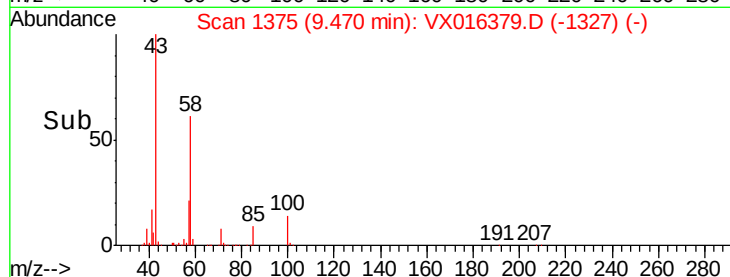
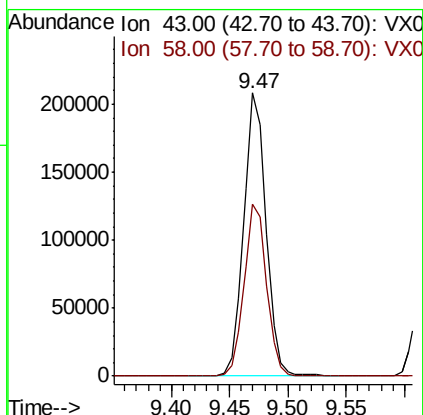
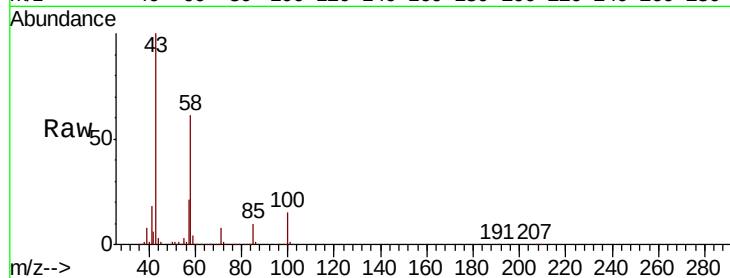




#59
2-Hexanone
Concen: 80.371 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

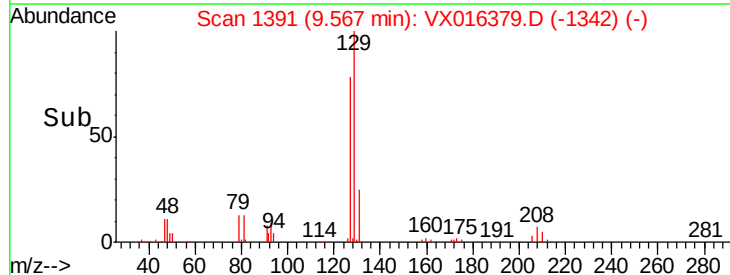
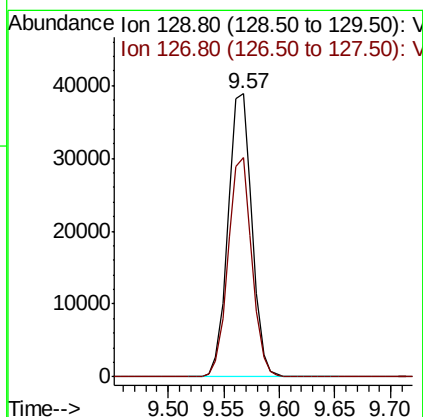
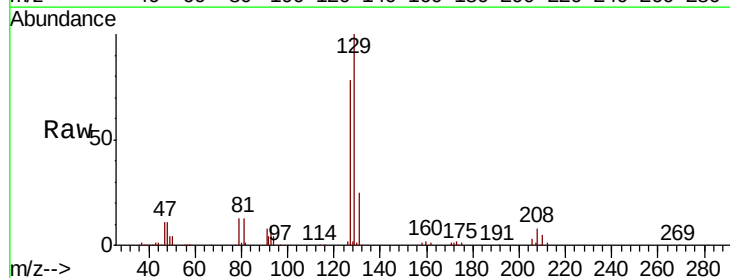
Instrument :
MSVOA_X
ClientSampleId :

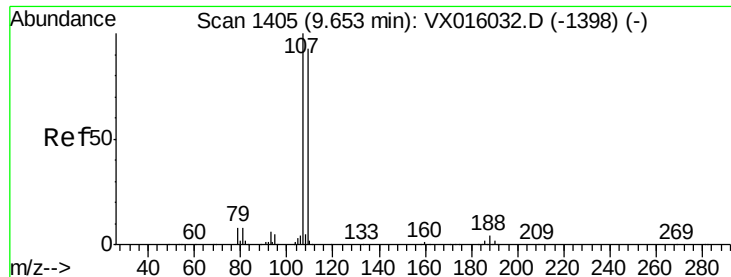
Tot Ion: 43 Resp: 279351
Ion Ratio Lower Upper
43 100
58 61.5 28.6 85.9



#60
Dibromochloromethane
Concen: 18.656 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion: 129 Resp: 57662
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.739 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

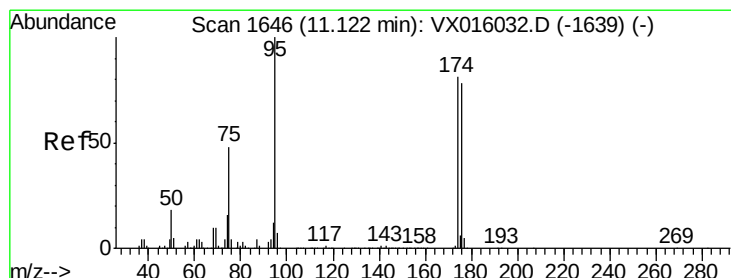
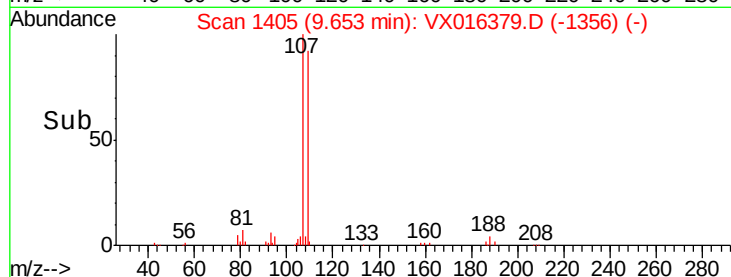
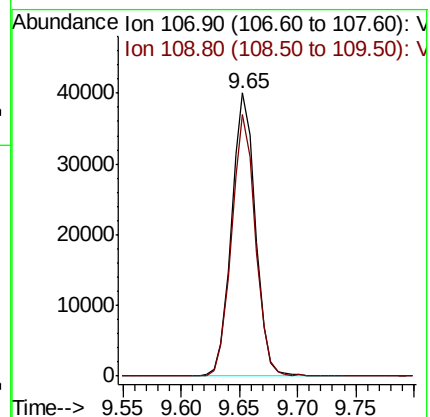
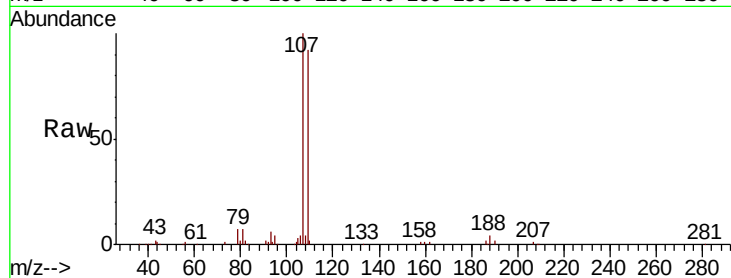
ClientSampleId :

Tot Ion:107 Resp: 56961

Ion Ratio Lower Upper

107 100

109 92.2 74.9 112.3



#62

4-Bromofluorobenzene

Concen: 48.366 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

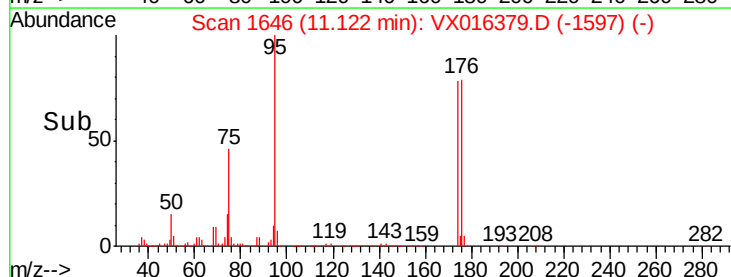
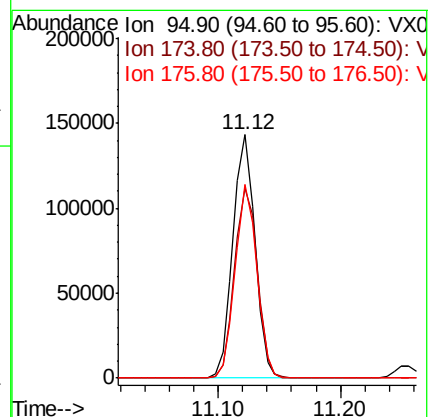
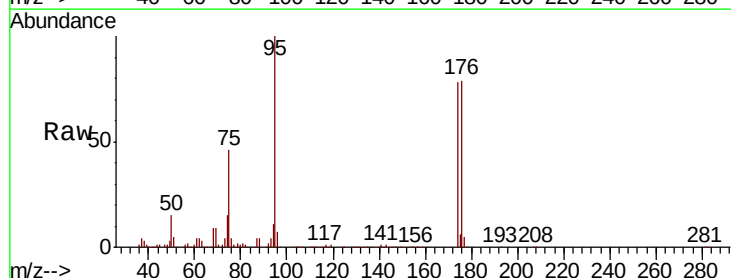
Tgt Ion: 95 Resp: 178421

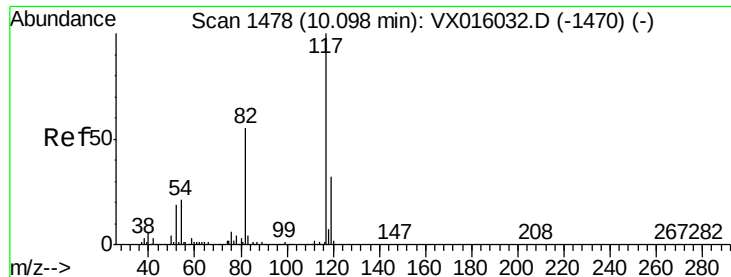
Ion Ratio Lower Upper

95 100

174 80.9 0.0 159.4

176 78.2 0.0 157.6

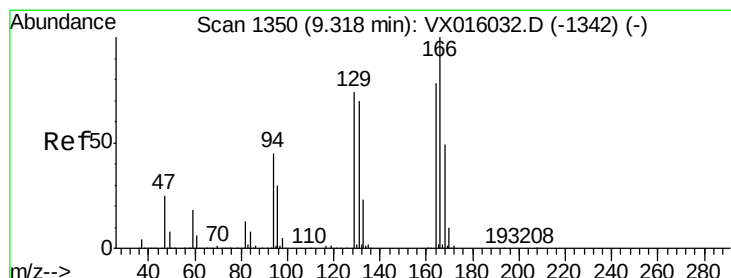
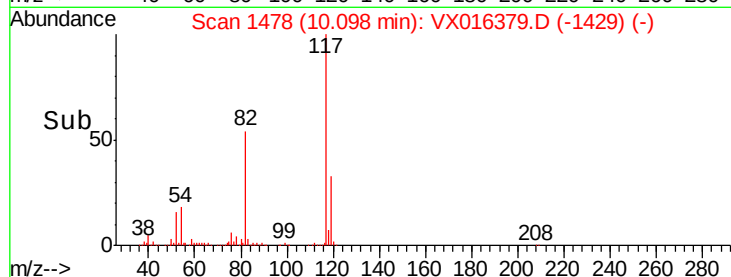
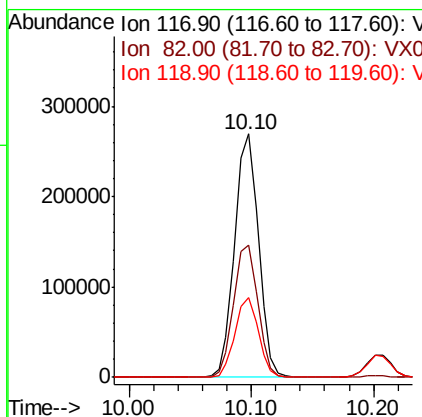
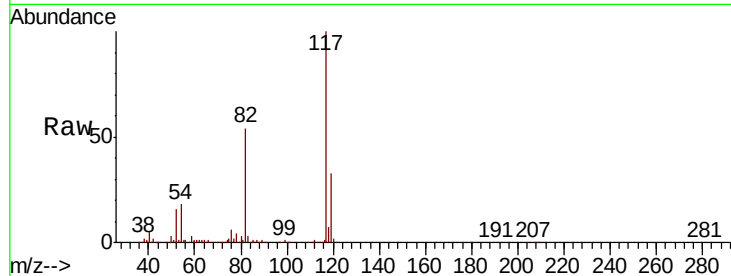




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

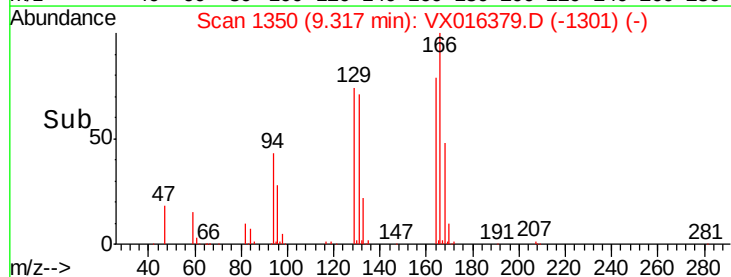
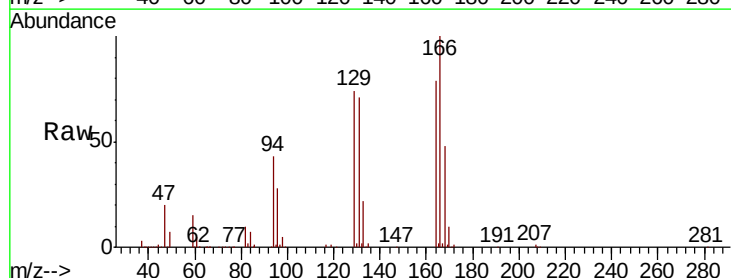
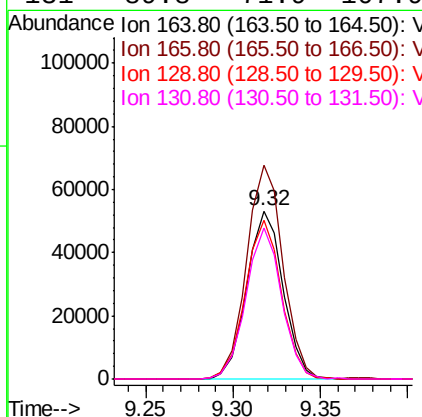
Instrument :
MSVOA_X
ClientSampleId :

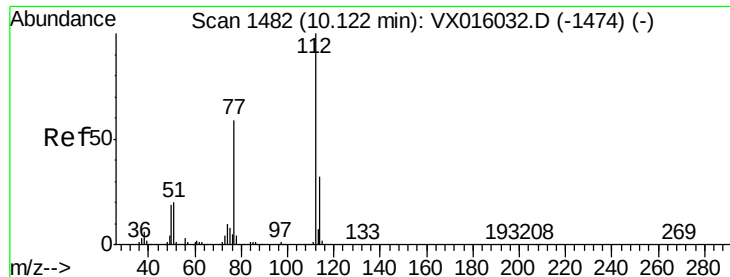
Tot Ion:117 Resp: 362495
Ion Ratio Lower Upper
117 100
82 54.1 44.4 66.6
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 17.227 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion:164 Resp: 76662
Ion Ratio Lower Upper
164 100
166 127.2 102.9 154.3
129 94.6 76.1 114.1
131 89.8 71.9 107.9

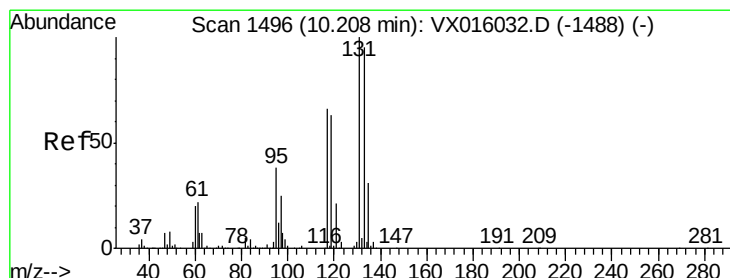
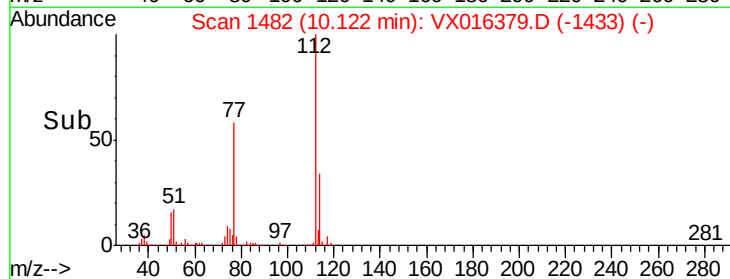
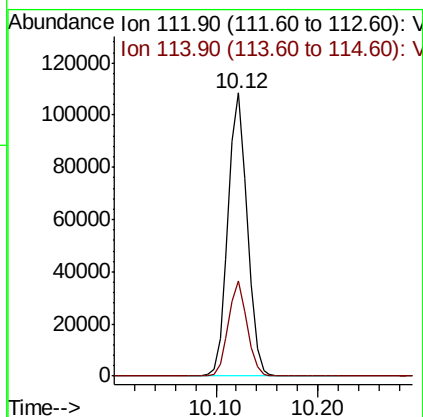
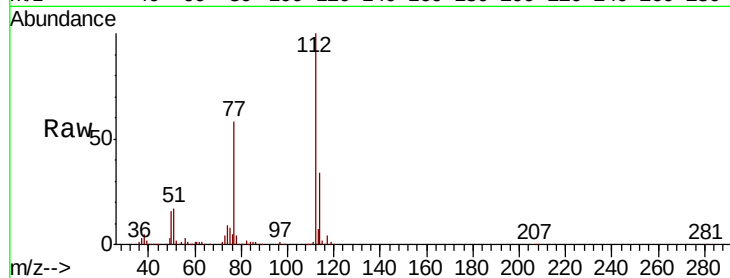




#65
Chlorobenzene
Concen: 18.618 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

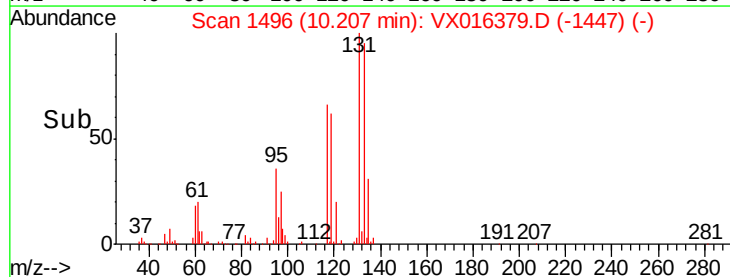
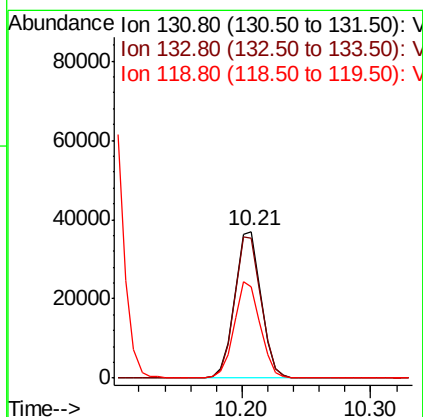
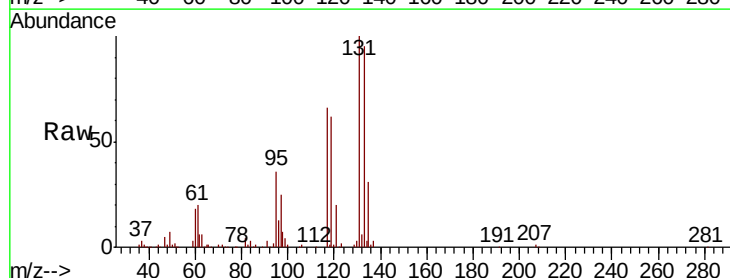
Instrument :
MSVOA_X
ClientSampleId :

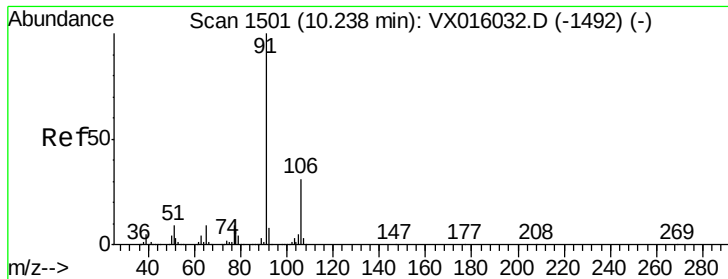
Tot Ion:112 Resp: 141318
Ion Ratio Lower Upper
112 100
114 33.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.815 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion:131 Resp: 52783
Ion Ratio Lower Upper
131 100
133 96.8 48.3 144.8
119 64.8 32.3 96.9





#67

Ethyl Benzene

Concen: 18.517 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

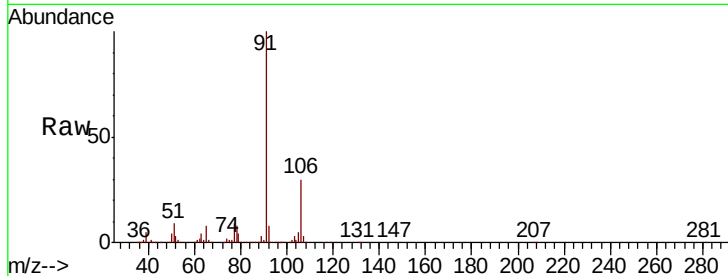
ClientSampleId :

Tot Ion: 91 Resp: 250774

Ion Ratio Lower Upper

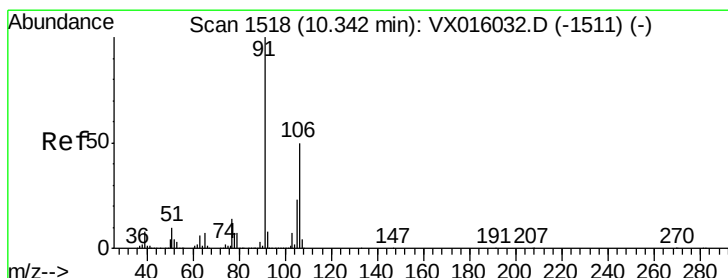
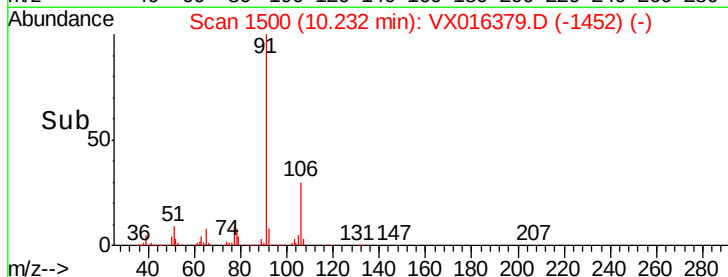
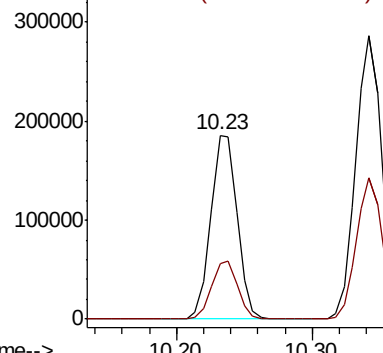
91 100

106 30.2 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.486 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016379.D

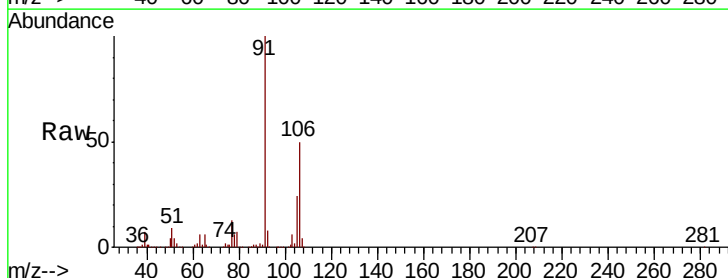
Acq: 21 May 2020 13:33

Tgt Ion:106 Resp: 190206

Ion Ratio Lower Upper

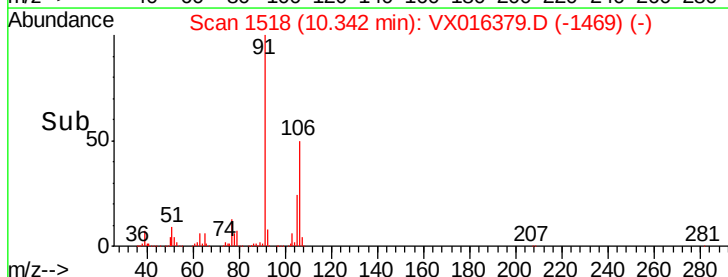
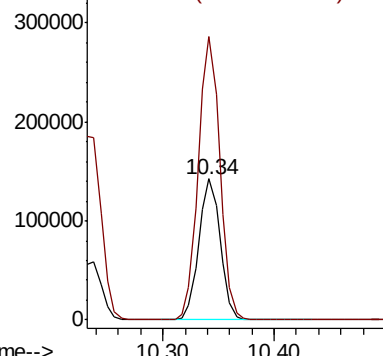
106 100

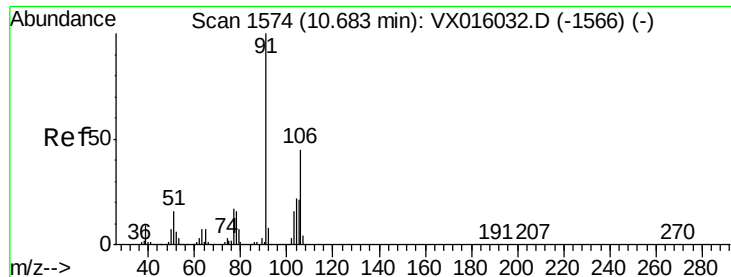
91 201.8 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

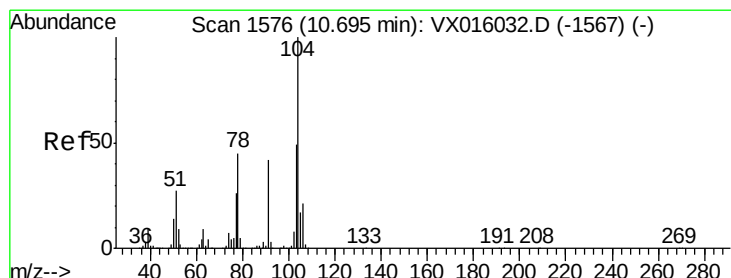
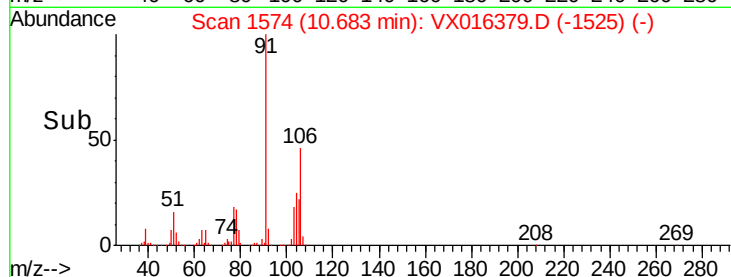
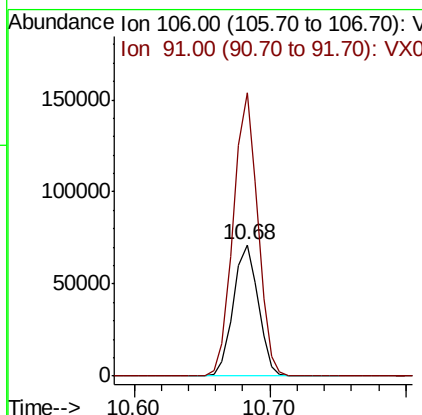
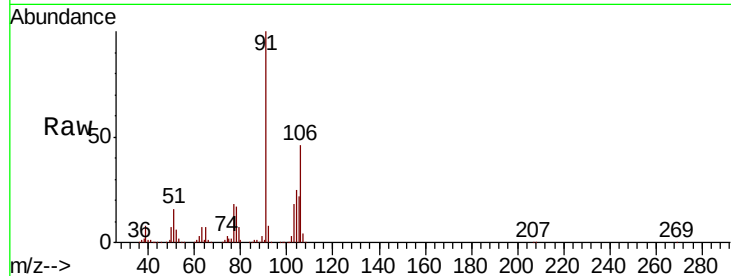




#69
o-Xylene
Concen: 18.766 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

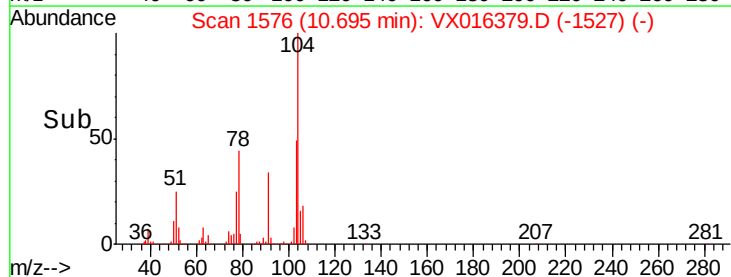
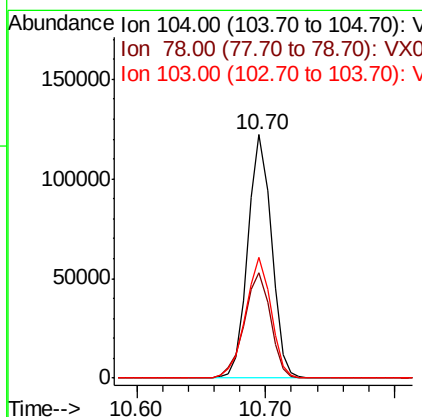
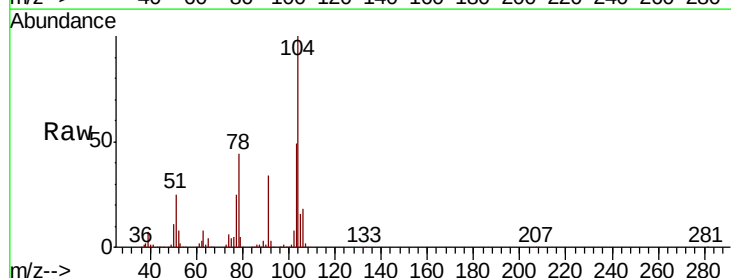
Instrument :
MSVOA_X
ClientSampleId :

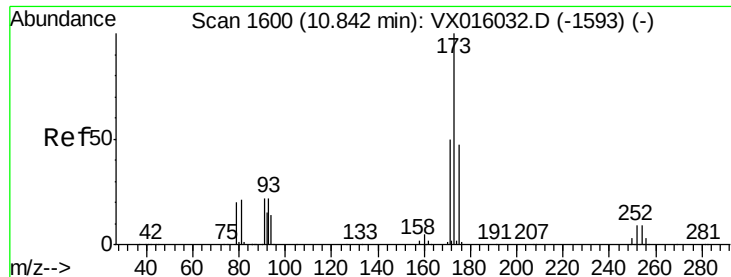
Tot Ion:106 Resp: 91528
Ion Ratio Lower Upper
106 100
91 211.0 107.5 322.6



#70
Styrene
Concen: 18.643 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016379.D
Acq: 21 May 2020 13:33

Tgt Ion:104 Resp: 154264
Ion Ratio Lower Upper
104 100
78 48.5 40.2 60.2
103 53.6 43.0 64.6





#71

Bromoform

Concen: 19.195 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

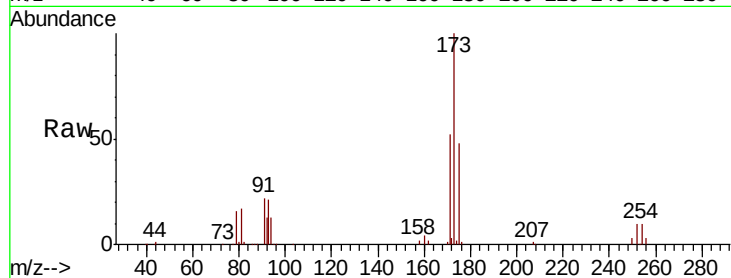
Tot Ion:173 Resp: 43873

Ion Ratio Lower Upper

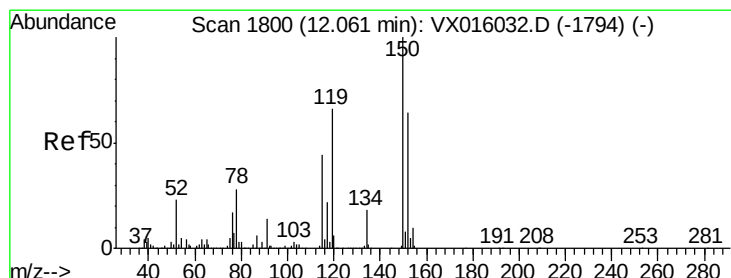
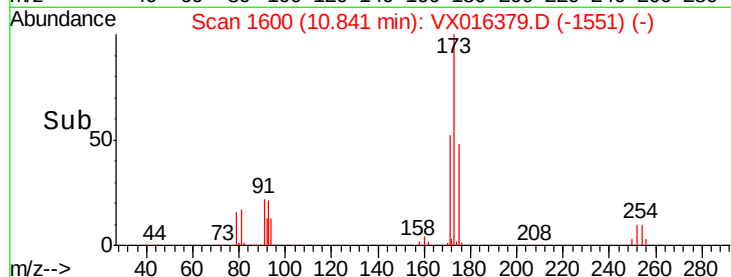
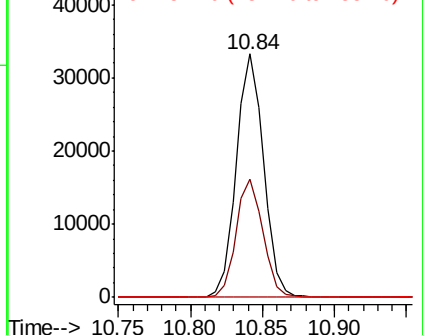
173 100

175 47.7 24.0 72.0

254 0.0 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: VX016379.D

Acq: 21 May 2020 13:33

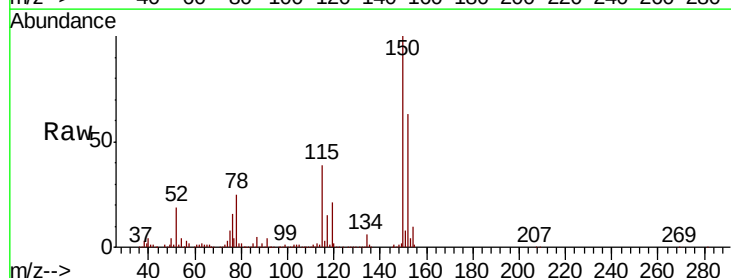
Tgt Ion:152 Resp: 178998

Ion Ratio Lower Upper

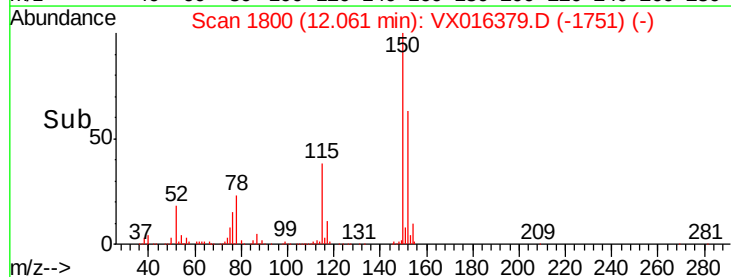
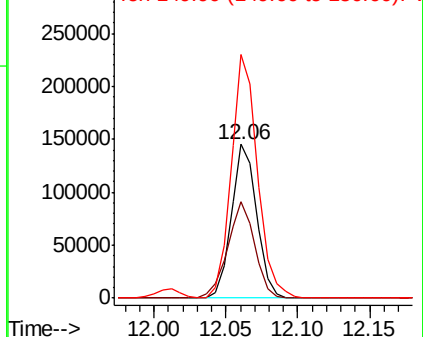
152 100

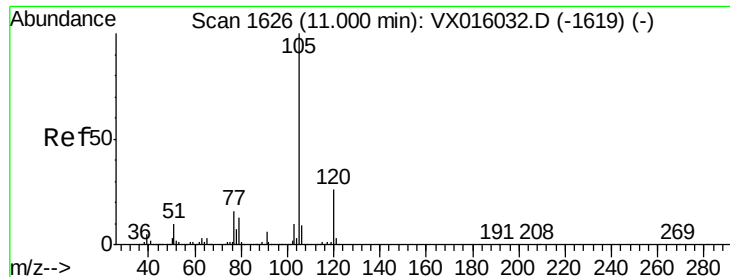
115 67.3 41.3 124.1

150 163.7 0.0 352.2



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: 18.472 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

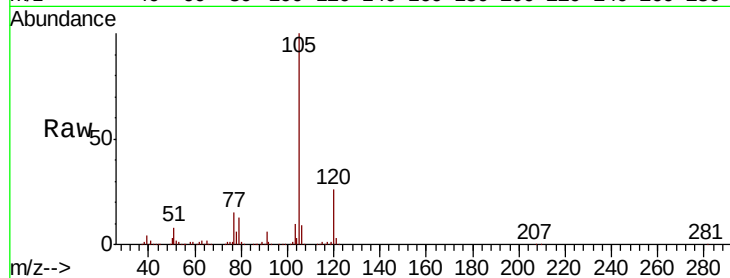
ClientSampleId :

Tot Ion: 105 Resp: 240487

Ion Ratio Lower Upper

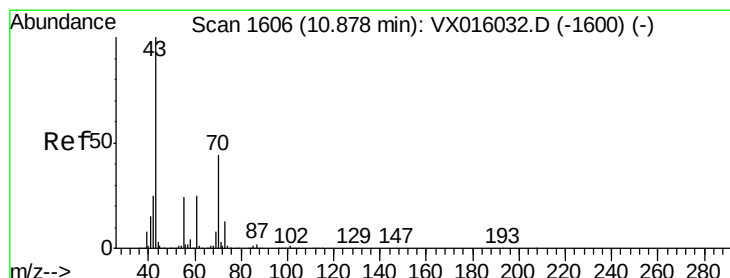
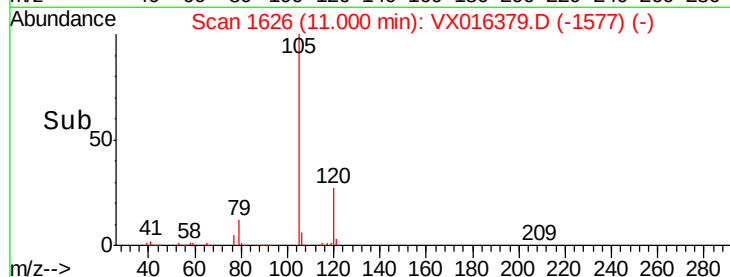
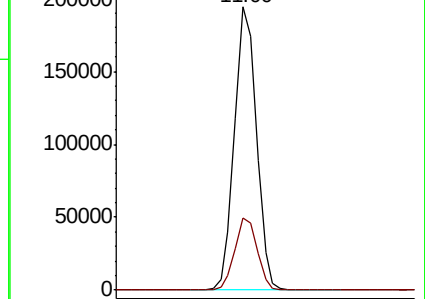
105 100

120 25.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.279 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Tgt Ion: 43 Resp: 98857

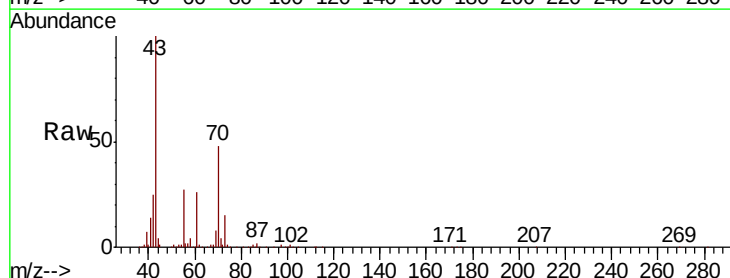
Ion Ratio Lower Upper

43 100

70 49.4 36.5 54.7

55 26.8 19.7 29.5

61 27.2 20.9 31.3

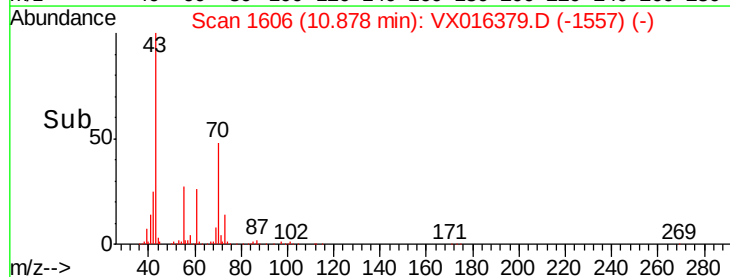
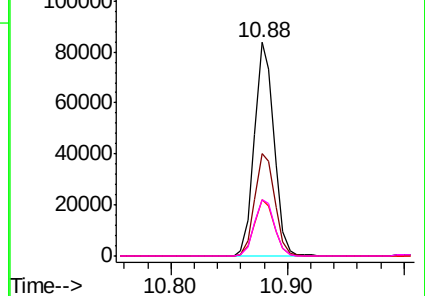


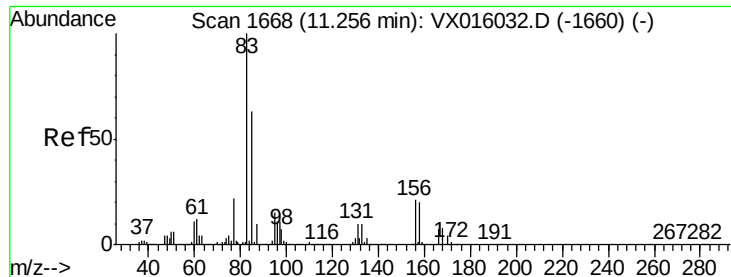
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 25.074 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampled :

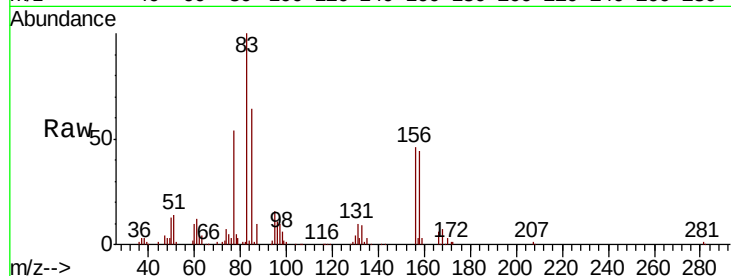
Tot Ion: 83 Resp: 58478

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.4

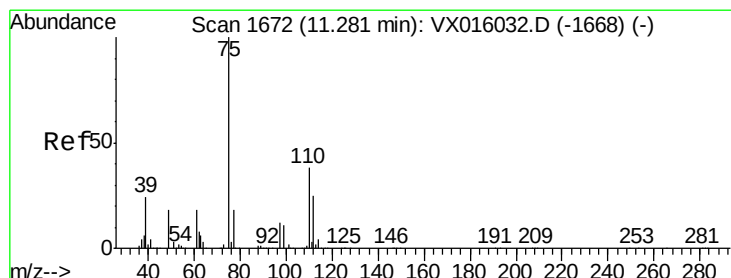
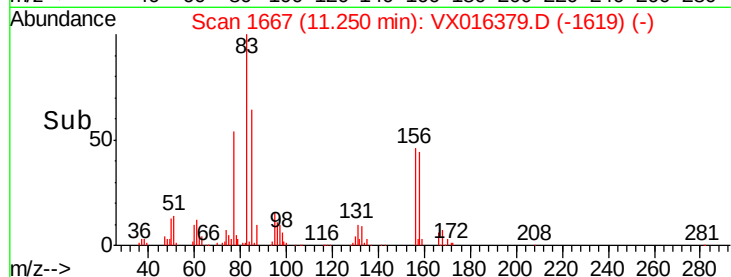
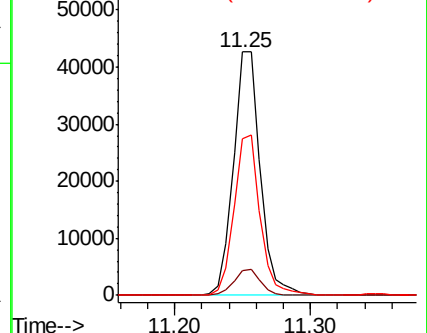
85 64.3 32.0 96.0



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: 23.855 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016379.D

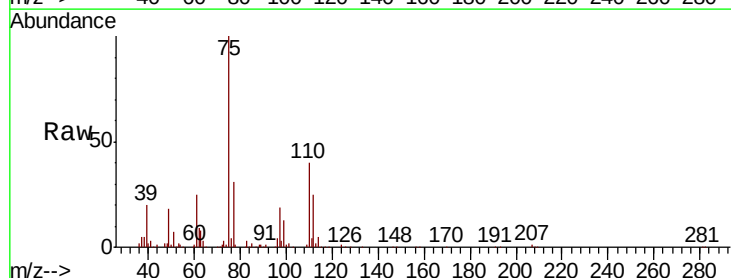
Acq: 21 May 2020 13:33

Tgt Ion: 75 Resp: 96898

Ion Ratio Lower Upper

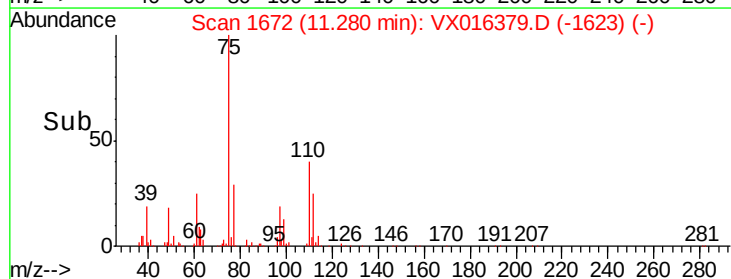
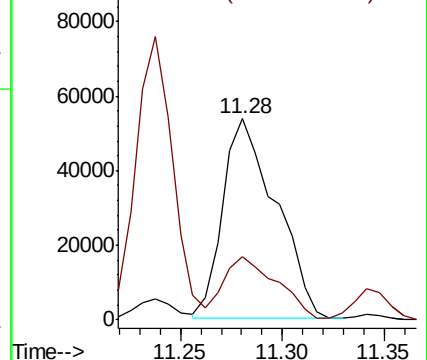
75 100

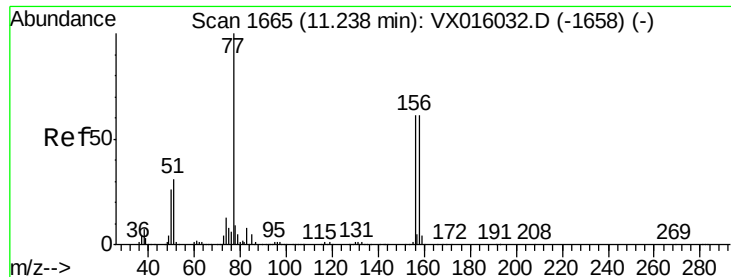
77 31.9 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.204 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

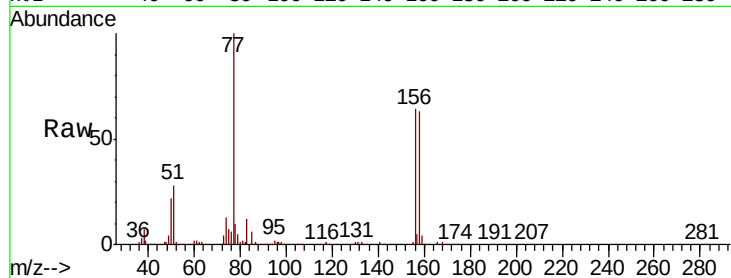
Tot Ion:156 Resp: 61174

Ion Ratio Lower Upper

156 100

77 157.2 80.1 240.3

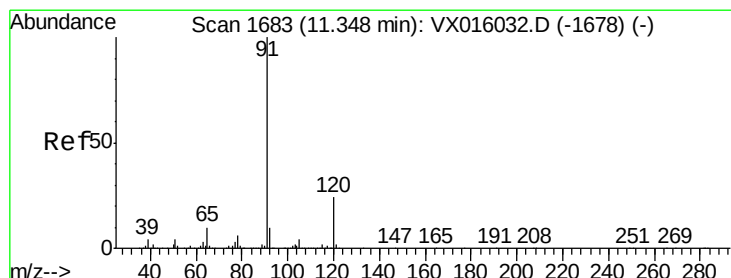
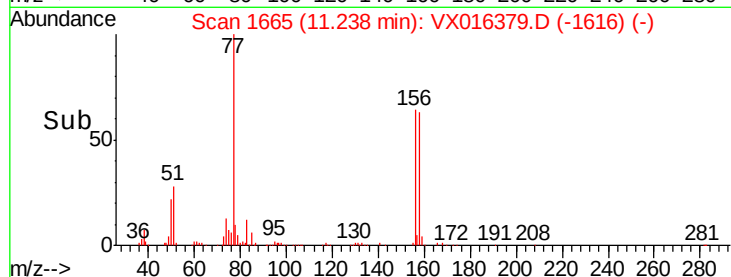
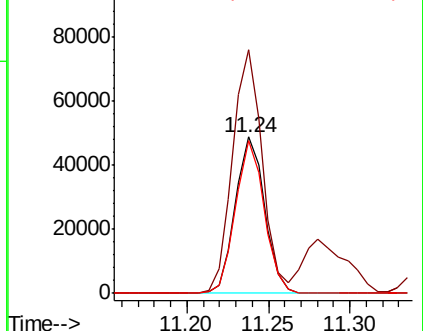
158 95.7 49.4 148.2



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: 17.640 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016379.D

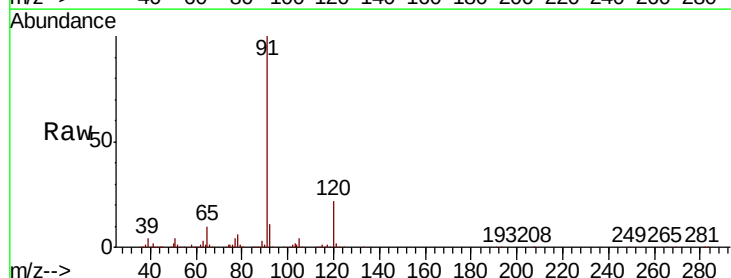
Acq: 21 May 2020 13:33

Tgt Ion: 91 Resp: 267178

Ion Ratio Lower Upper

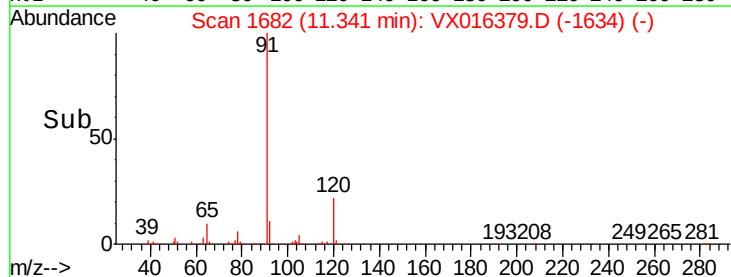
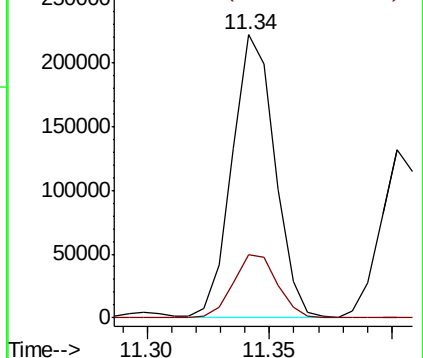
91 100

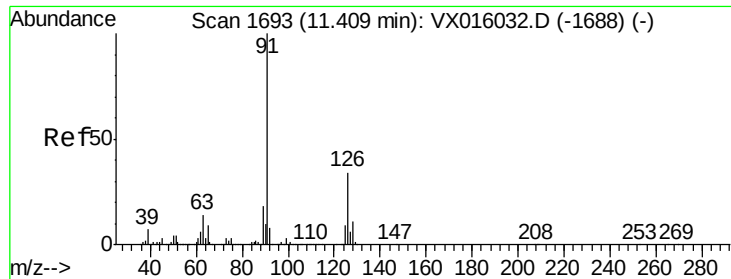
120 23.2 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.160 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

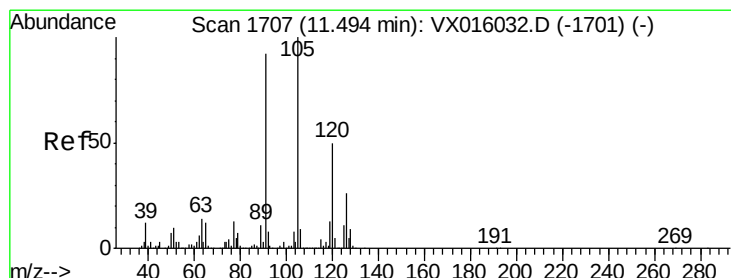
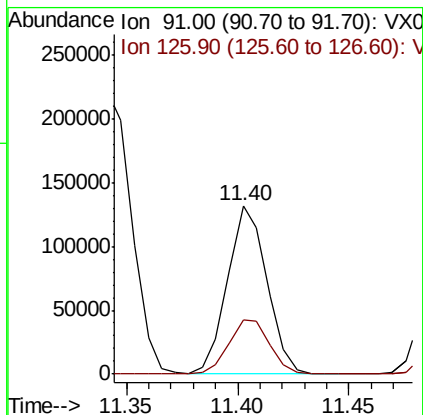
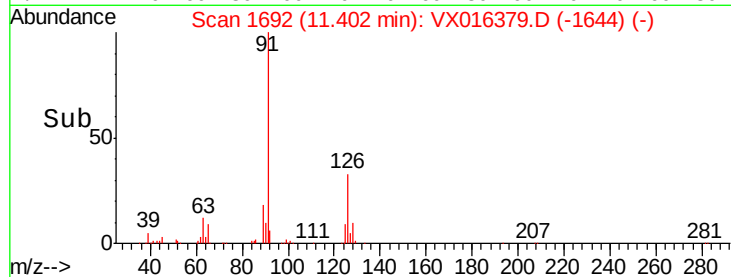
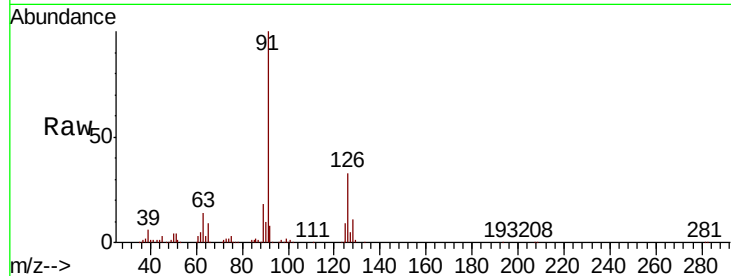
ClientSampleId :

Tot Ion: 91 Resp: 162353

Ion Ratio Lower Upper

91 100

126 33.8 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 17.980 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016379.D

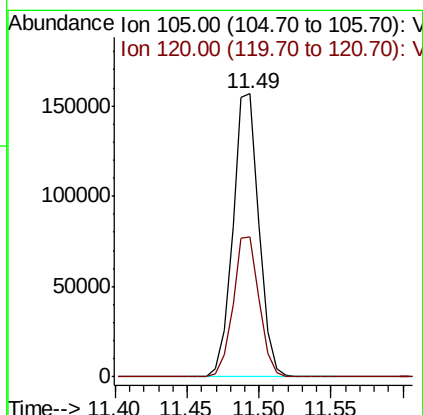
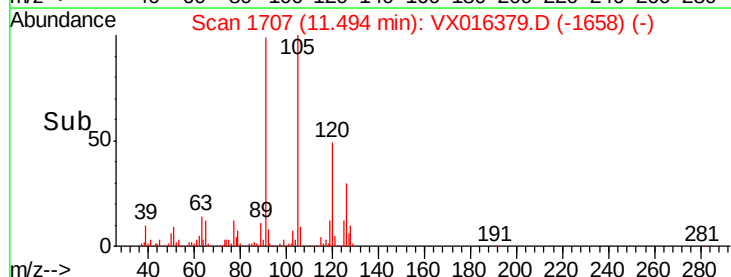
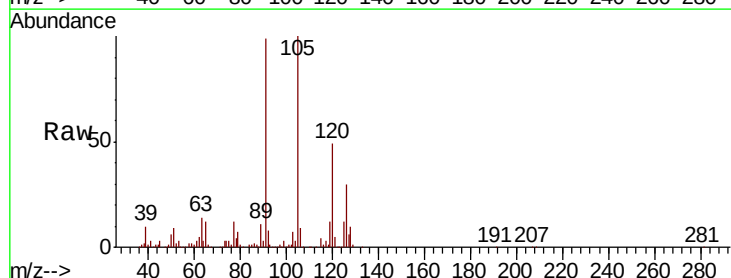
Acq: 21 May 2020 13:33

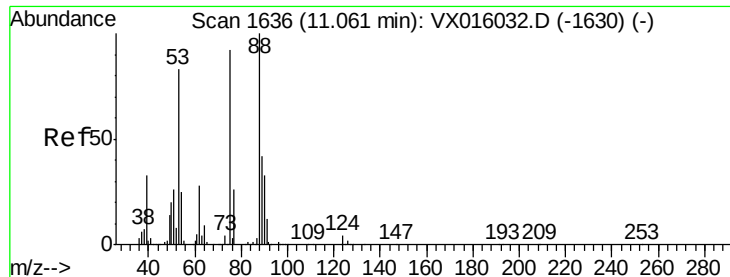
Tgt Ion: 105 Resp: 197646

Ion Ratio Lower Upper

105 100

120 49.6 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.317 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

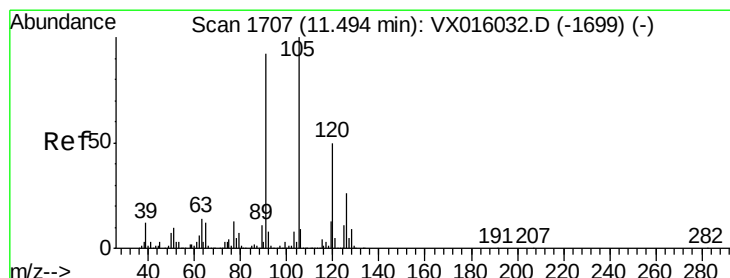
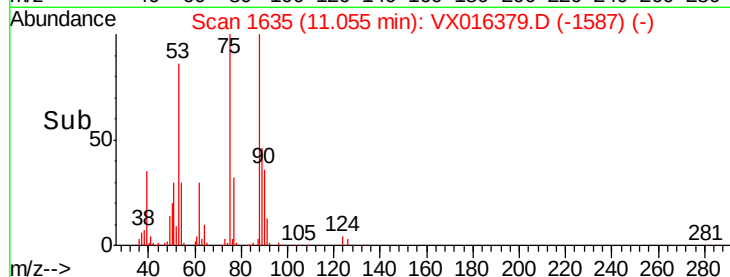
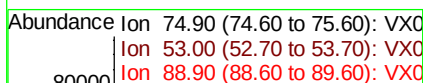
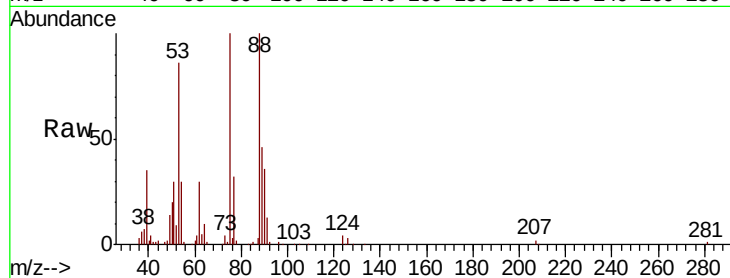
Tot Ion: 75 Resp: 29517

Ion Ratio Lower Upper

75 100

53 84.4 73.1 109.7

89 47.3 36.7 55.1



#82

4-Chlorotoluene

Concen: 18.046 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016379.D

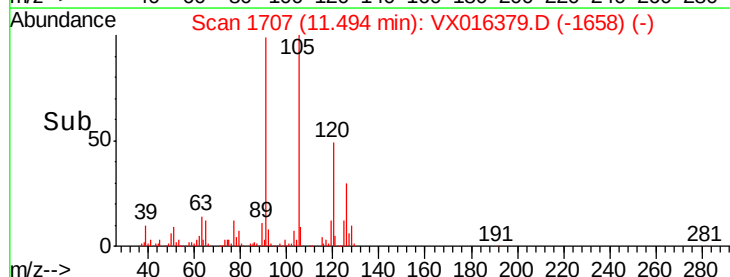
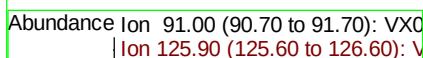
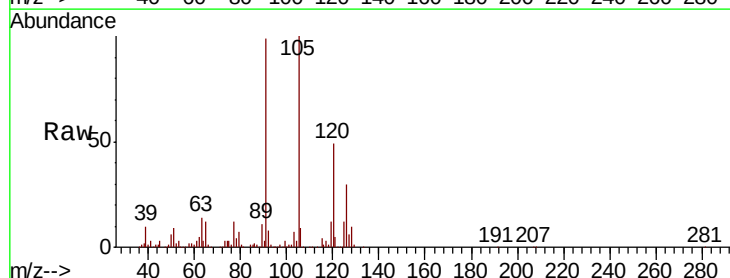
Acq: 21 May 2020 13:33

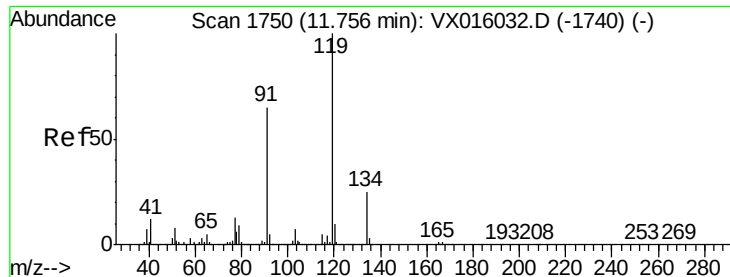
Tgt Ion: 91 Resp: 190515

Ion Ratio Lower Upper

91 100

126 30.5 14.8 44.3

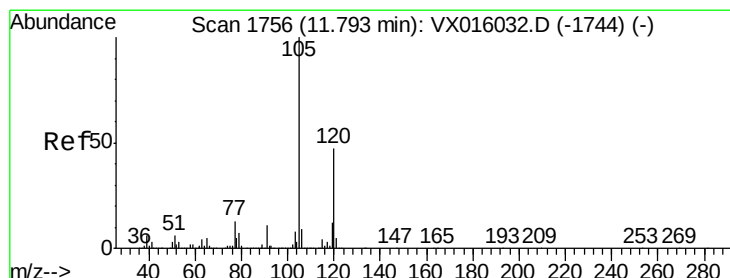
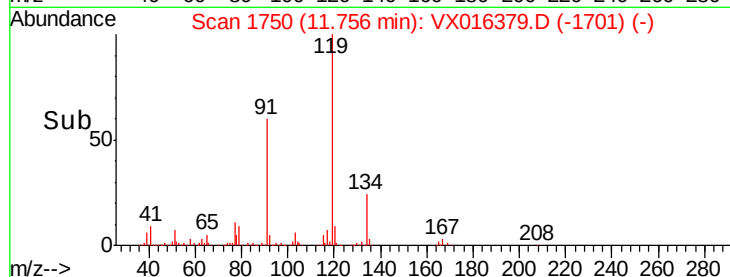
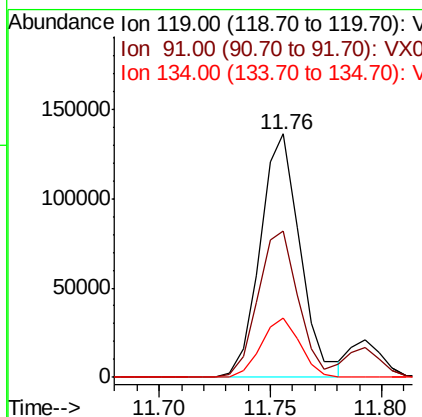
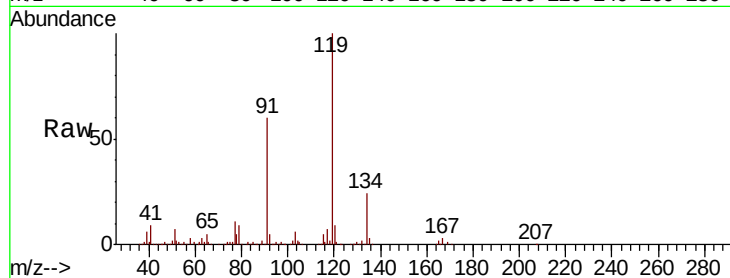




#83
 tert-Butylbenzene
 Concen: 17.934 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

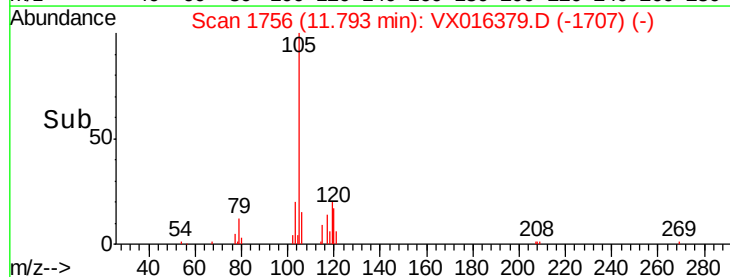
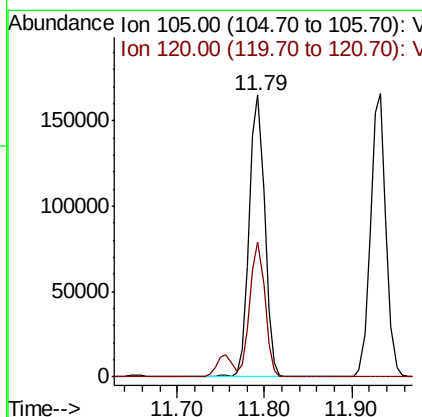
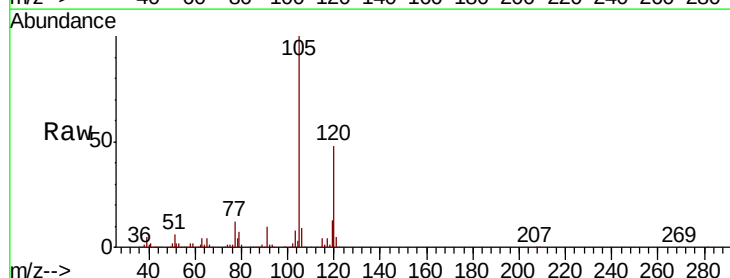
Instrument :
 MSVOA_X
 ClientSampleId :

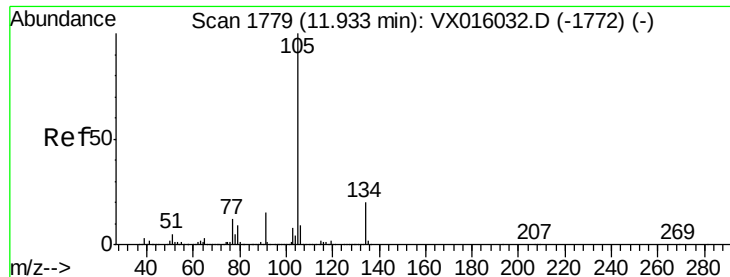
Tot Ion	Ratio	Lower	Upper
119	100		
91	60.5	32.8	98.4
134	23.7	12.4	37.0



#84
 1,2,4-Trimethylbenzene
 Concen: 18.147 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.0	69.0





#85

sec-Butylbenzene

Concen: 16.094 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

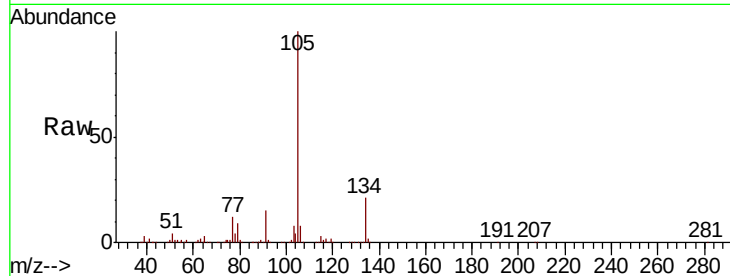
ClientSampleId :

Tot Ion:105 Resp: 205854

Ion Ratio Lower Upper

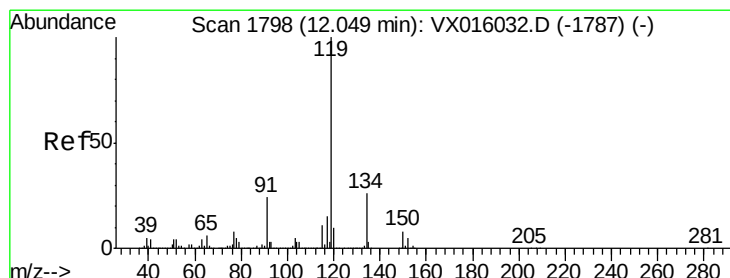
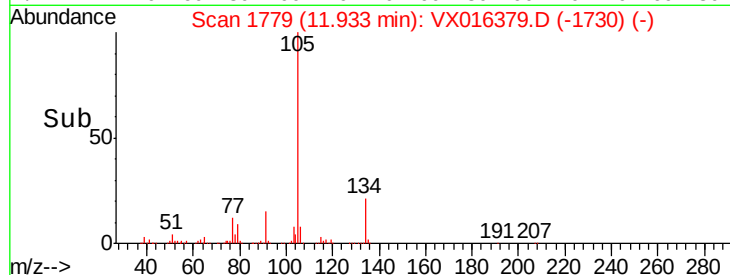
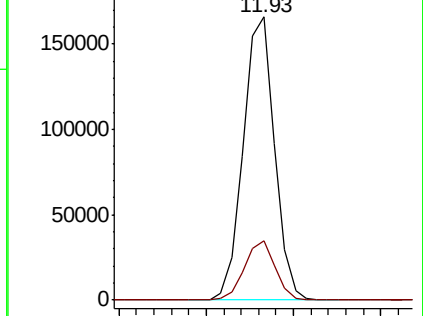
105 100

134 20.6 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 16.597 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

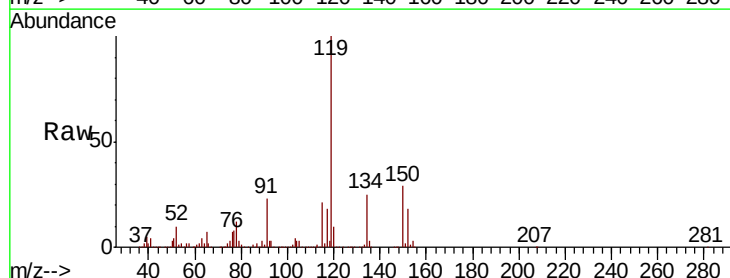
Tgt Ion:119 Resp: 197097

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

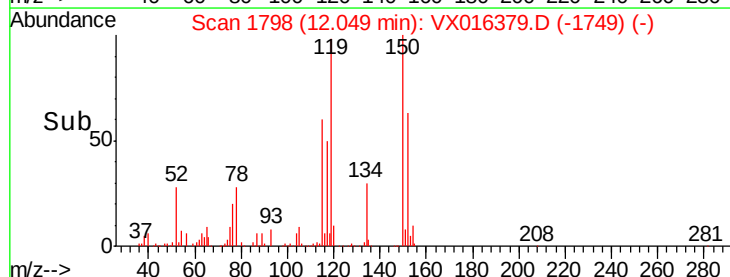
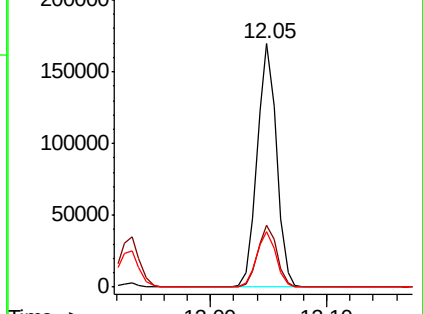
91 23.1 11.8 35.4

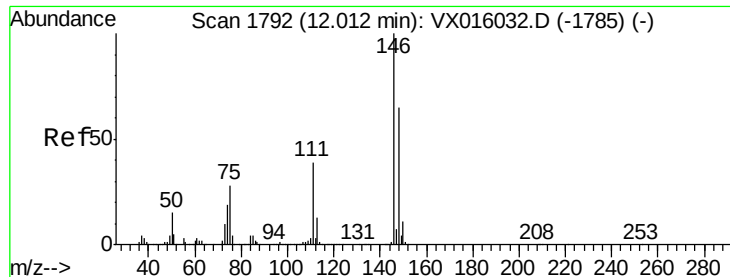


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

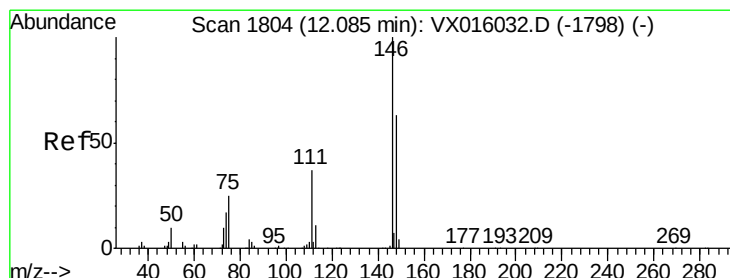
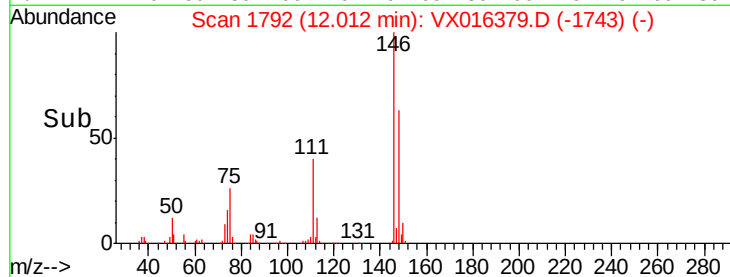
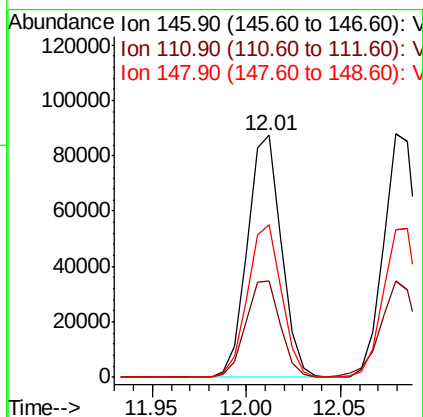
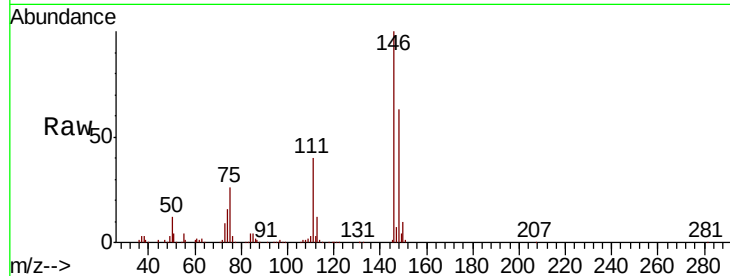




#87
 1,3-Dichlorobenzene
 Concen: 18.093 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

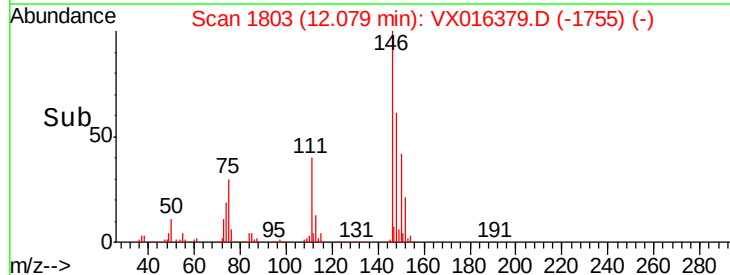
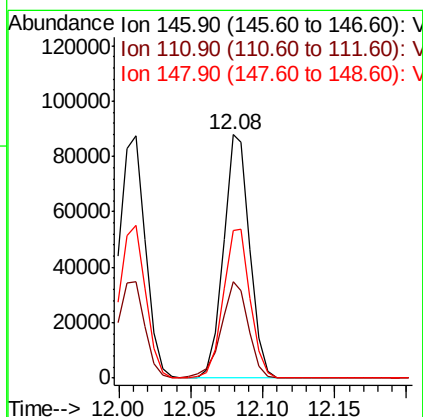
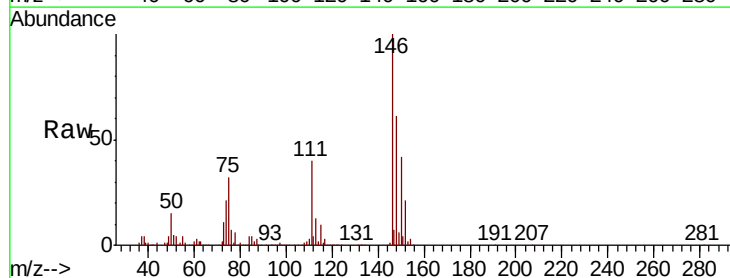
Instrument :
 MSVOA_X
 ClientSampled :

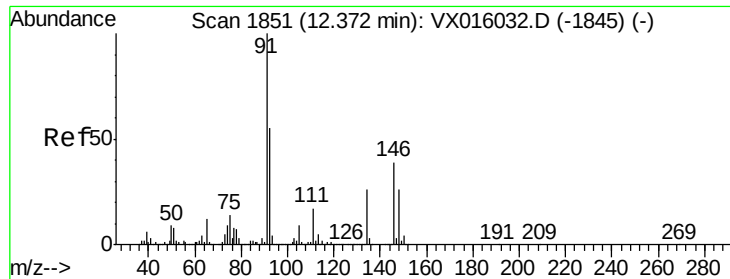
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.6
148	63.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 18.289 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.6	58.7
148	63.1	31.8	95.3





#89

n-Butylbenzene

Concen: 14.626 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

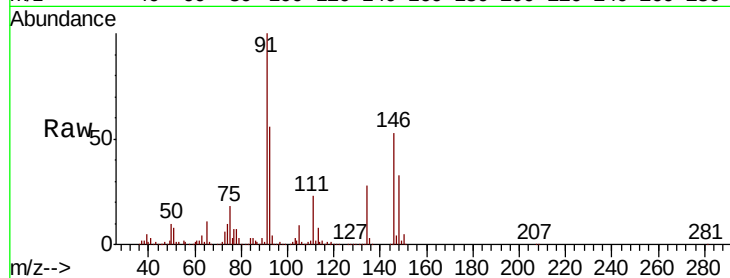
Tot Ion: 91 Resp: 158673

Ion Ratio Lower Upper

91 100

92 55.7 27.6 82.7

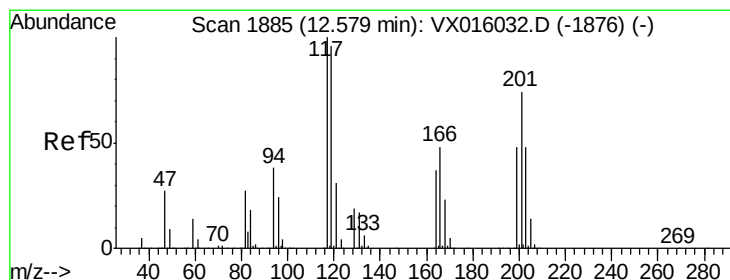
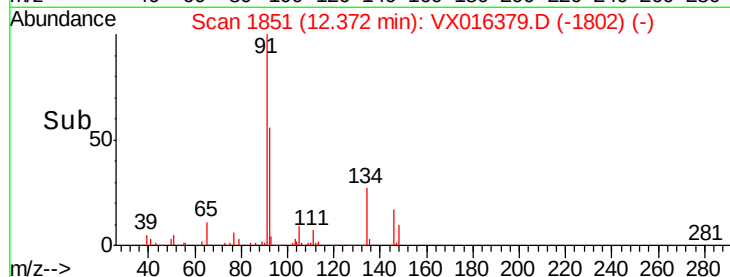
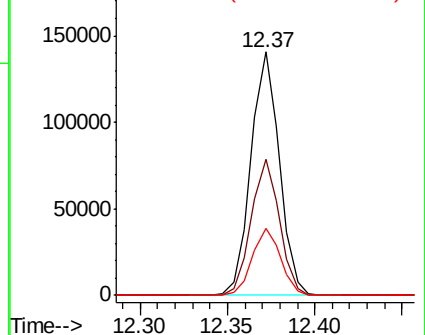
134 27.6 13.4 40.1



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: 16.023 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016379.D

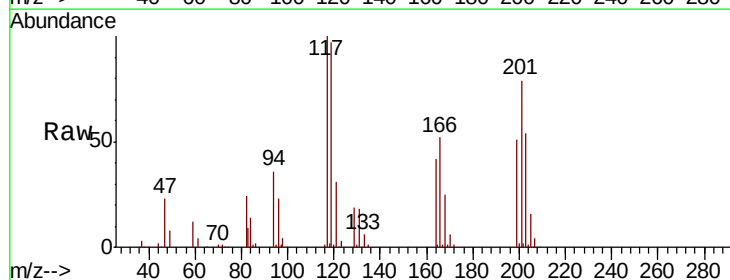
Acq: 21 May 2020 13:33

Tgt Ion: 117 Resp: 32679

Ion Ratio Lower Upper

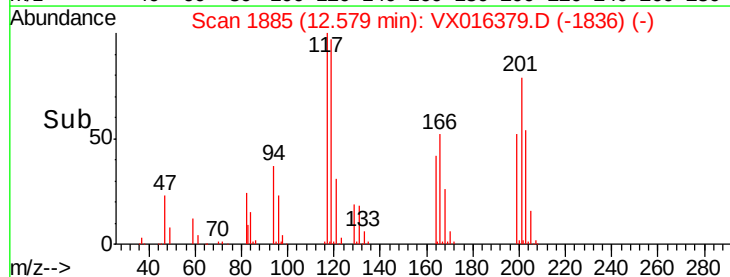
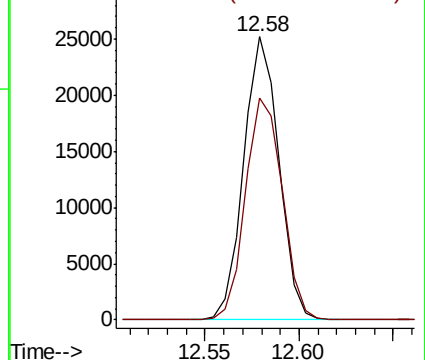
117 100

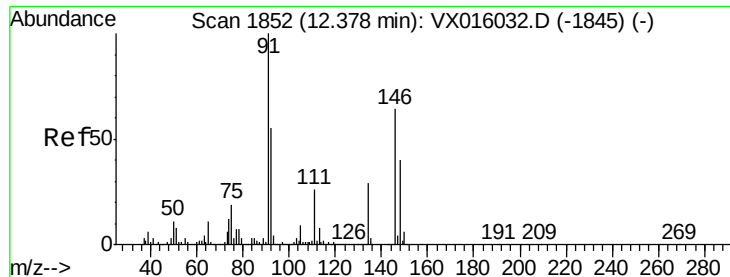
201 81.9 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

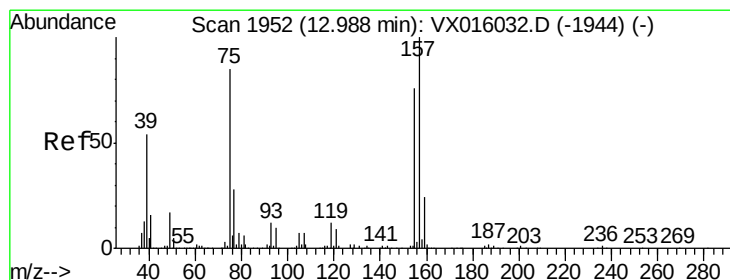
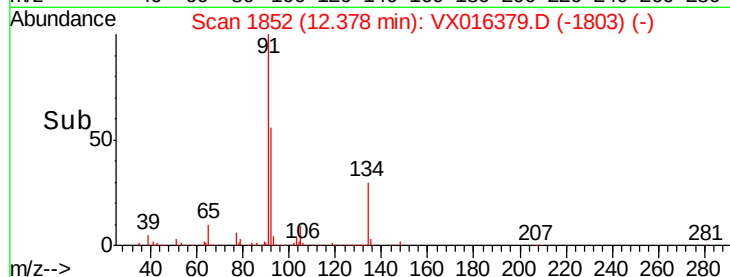
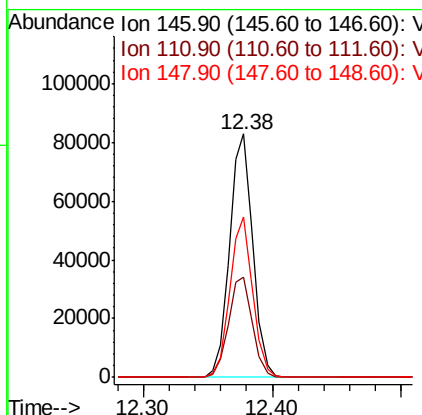
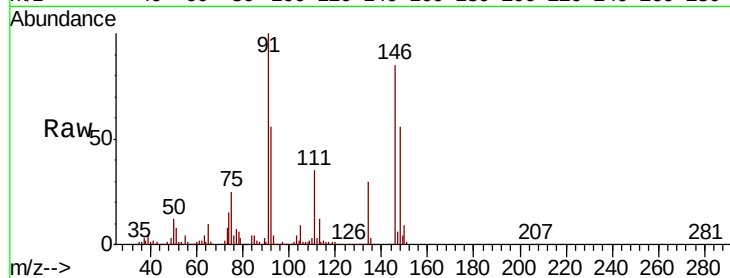




#91
 1,2-Dichlorobenzene
 Concen: 17.974 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

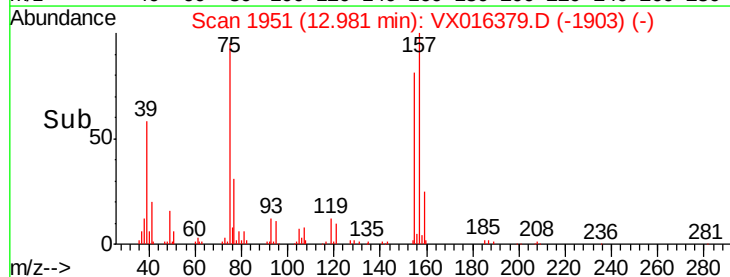
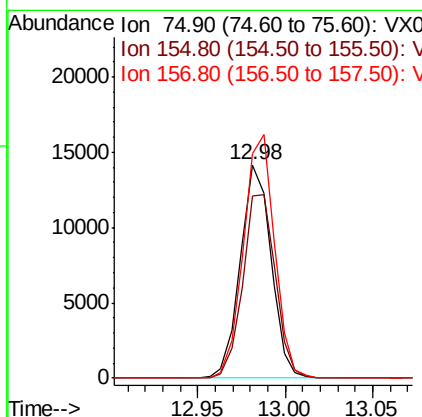
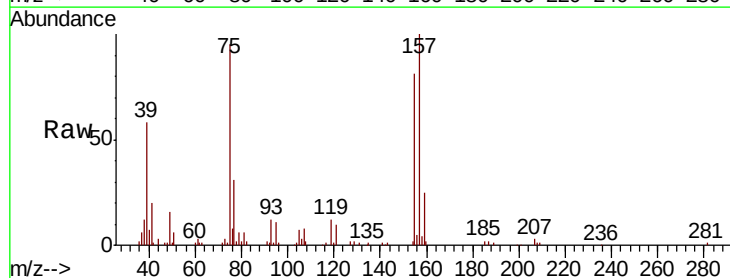
Instrument :
 MSVOA_X
 ClientSampleId :

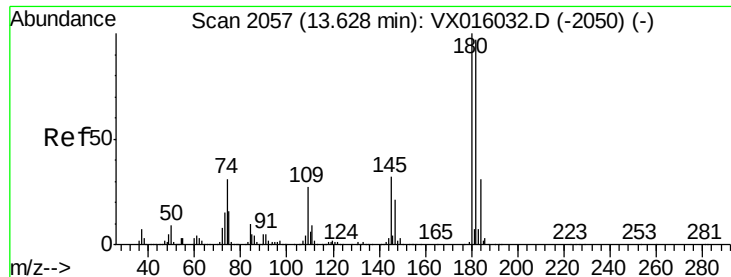
Tot Ion:146 Resp: 104430
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.1
 148 64.6 32.4 97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.298 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion: 75 Resp: 17448
 Ion Ratio Lower Upper
 75 100
 155 90.7 42.5 127.5
 157 114.6 55.3 165.8

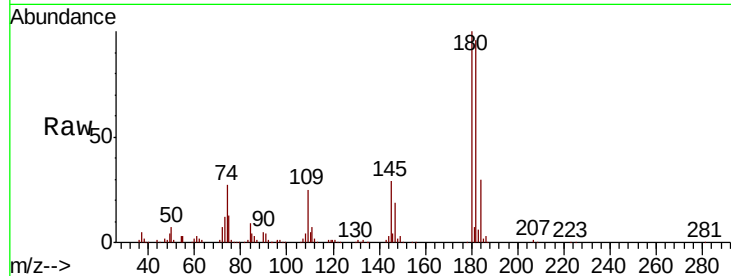




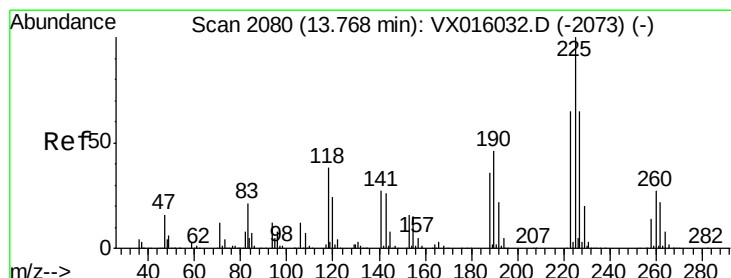
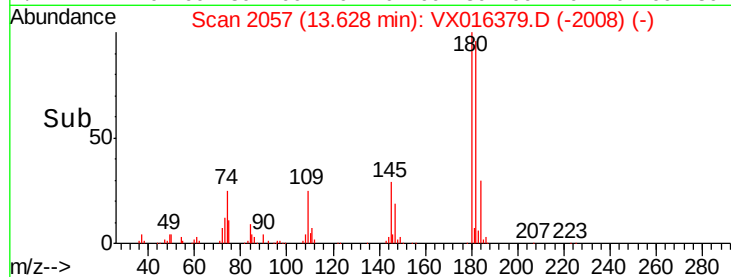
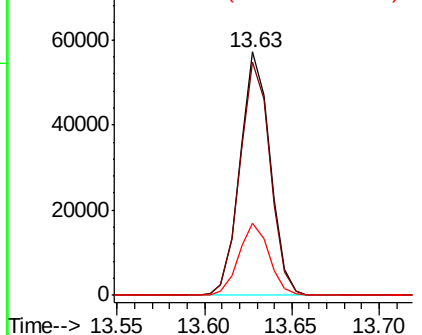
#93
 1,2,4-Trichlorobenzene
 Concen: 15.849 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 68174
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.7 146.1
 145 29.7 15.7 47.1

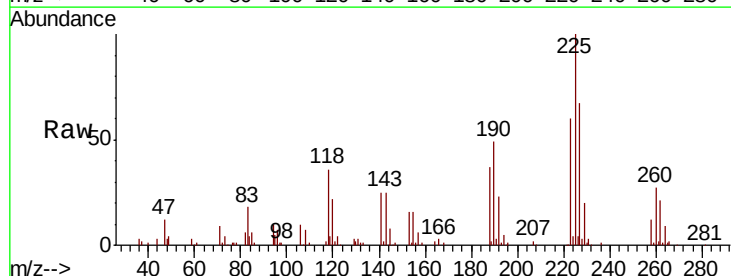


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

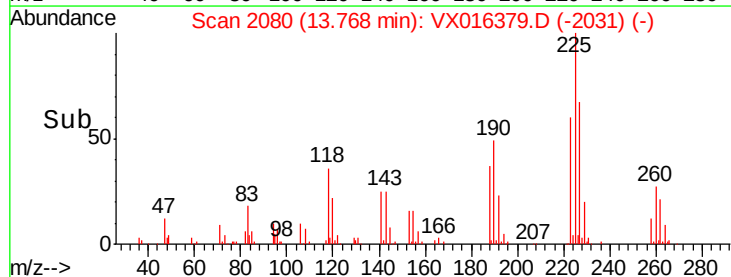
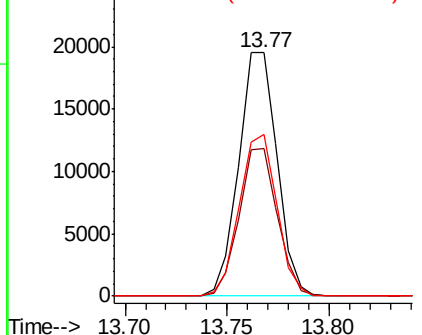


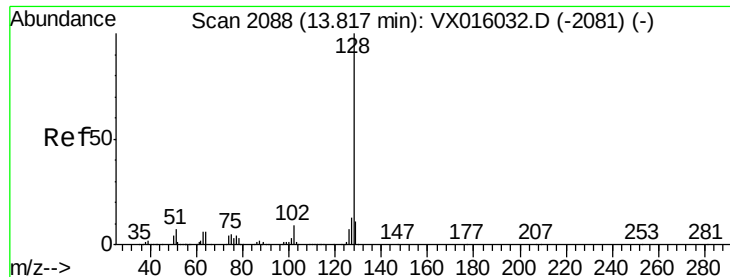
#94
 Hexachlorobutadiene
 Concen: 14.163 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016379.D
 Acq: 21 May 2020 13:33

Tgt Ion:225 Resp: 25530
 Ion Ratio Lower Upper
 225 100
 223 60.4 32.3 96.9
 227 64.9 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.364 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

Instrument :

MSVOA_X

ClientSampleId :

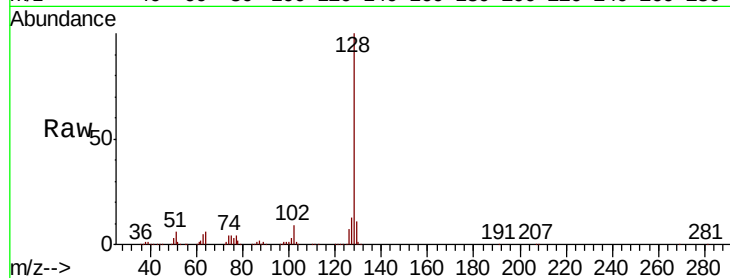
Tot Ion:128 Resp: 241851

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

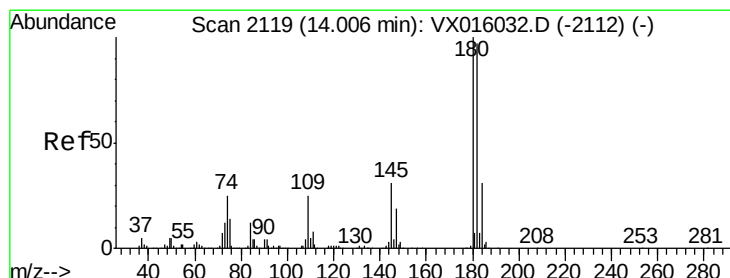
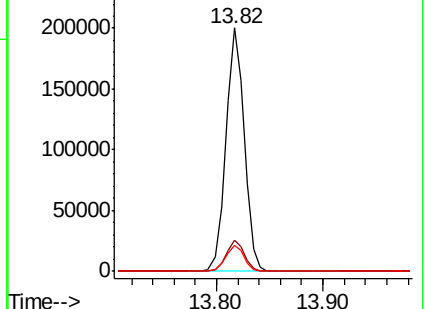
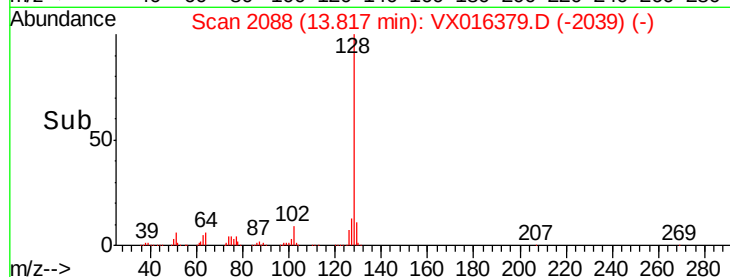
129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 15.816 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016379.D

Acq: 21 May 2020 13:33

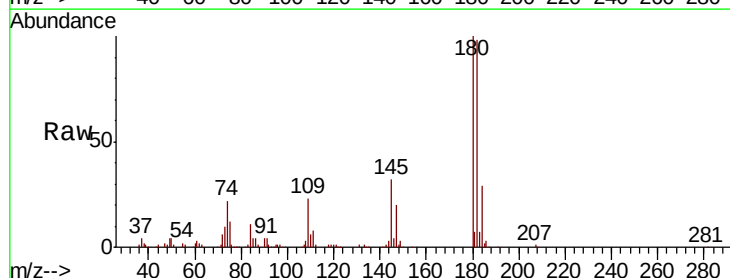
Tgt Ion:180 Resp: 66490

Ion Ratio Lower Upper

180 100

182 94.5 48.4 145.0

145 32.7 16.4 49.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

