

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016198.D
 Acq On : 13 May 2020 23:23
 Operator : JC/SP
 Sample : VX0513WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

Quant Time: May 14 07:31:27 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	5.64	168	275354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	451311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212408	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	168938	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	5.47	113	131853	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
50) Toluene-d8	8.70	98	517118	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	
62) 4-Bromofluorobenzene	11.12	95	195491	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	53645	18.406	ug/l	100
3) Chloromethane	1.31	50	60057	17.743	ug/l	99
4) Vinyl Chloride	1.39	62	63700	17.640	ug/l	98
5) Bromomethane	1.63	94	38858	21.344	ug/l	98
6) Chloroethane	1.71	64	39351	17.909	ug/l	98
7) Trichlorofluoromethane	1.92	101	83344	17.580	ug/l	100
8) Diethyl Ether	2.17	74	34885	17.464	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47805	17.477	ug/l	98
10) Methyl Iodide	2.49	142	45791	12.463	ug/l	99
11) Tert butyl alcohol	3.01	59	78572	85.753	ug/l	100
12) 1,1-Dichloroethene	2.36	96	50607	17.680	ug/l	99
13) Acrolein	2.27	56	37971	66.225	ug/l	97
14) Allyl chloride	2.71	41	89183	16.993	ug/l	97
15) Acrylonitrile	3.12	53	168507	88.651	ug/l	99
16) Acetone	2.42	43	137057	84.775	ug/l	97
17) Carbon Disulfide	2.55	76	144315	16.651	ug/l	98
18) Methyl Acetate	2.75	43	74199	18.666	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	185389	18.788	ug/l	99
20) Methylene Chloride	2.84	84	59168	17.753	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	55921	17.532	ug/l	99
22) Diisopropyl ether	3.82	45	180979	18.279	ug/l	99
23) Vinyl Acetate	3.79	43	781670	89.735	ug/l	100
24) 1,1-Dichloroethane	3.67	63	105116	18.979	ug/l	100
25) 2-Butanone	4.64	43	232136	89.105	ug/l	100
26) 2,2-Dichloropropane	4.55	77	76808	15.185	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	64094	18.380	ug/l	97
28) Bromochloromethane	4.98	49	50327	19.927	ug/l	96
29) Tetrahydrofuran	5.09	42	153493	88.920	ug/l	99
30) Chloroform	5.18	83	102201	18.533	ug/l	100
31) Cyclohexane	5.55	56	88716	17.625	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	92849	18.523	ug/l	99
36) 1,1-Dichloropropene	5.77	75	77657	17.480	ug/l	99
37) Ethyl Acetate	4.79	43	89914	17.462	ug/l	99
38) Carbon Tetrachloride	5.76	117	80673	17.866	ug/l	97

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 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)
39) Methylcyclohexane	7.45	83	87685	16.390	ug/l	96
40) Benzene	6.12	78	233797	17.986	ug/l	100
41) Methacrylonitrile	5.01	41	47609	17.121	ug/l	98
42) 1,2-Dichloroethane	6.16	62	83027	17.731	ug/l	99
43) Isopropyl Acetate	6.42	43	143340	17.448	ug/l	99
44) Trichloroethene	7.19	130	79534	17.223	ug/l	95
45) 1,2-Dichloropropane	7.49	63	61747	18.773	ug/l	98
46) Dibromomethane	7.64	93	40310	18.034	ug/l	99
47) Bromodichloromethane	7.88	83	83111	18.257	ug/l	98
48) Methyl methacrylate	7.74	41	67355	17.302	ug/l	97
49) 1,4-Dioxane	7.71	88	32263	345.562	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	450591	89.628	ug/l	99
52) Toluene	8.77	92	149436	18.444	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	94368	17.386	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	99394	17.532	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	58829	18.455	ug/l	99
56) Ethyl methacrylate	9.16	69	95301	18.315	ug/l	95
57) 1,3-Dichloropropane	9.35	76	103945	18.688	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	251181	90.675	ug/l	100
59) 2-Hexanone	9.47	43	344324	87.212	ug/l	98
60) Dibromochloromethane	9.57	129	64747	18.442	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63611	18.423	ug/l	99
64) Tetrachloroethene	9.32	164	90420	17.548	ug/l	98
65) Chlorobenzene	10.12	112	158272	18.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59557	18.334	ug/l	99
67) Ethyl Benzene	10.24	91	282488	18.014	ug/l	100
68) m/p-Xylenes	10.34	106	211799	36.049	ug/l	99
69) o-Xylene	10.68	106	102558	18.160	ug/l	97
70) Styrene	10.70	104	172064	17.959	ug/l	100
71) Bromoform	10.84	173	48545	18.343	ug/l #	100
73) Isopropylbenzene	11.00	105	275022	17.802	ug/l	99
74) N-amyl acetate	10.88	43	118730	16.476	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	57623	21.312	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	84381m	17.506	ug/l	
77) Bromobenzene	11.24	156	68963	17.294	ug/l	98
78) n-propylbenzene	11.34	91	309952	17.245	ug/l	100
79) 2-Chlorotoluene	11.40	91	186561	17.585	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	227819	17.465	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31859	15.751	ug/l	98
82) 4-Chlorotoluene	11.49	91	219379	17.511	ug/l	100
83) tert-Butylbenzene	11.76	119	194550	17.306	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	229707	17.418	ug/l	100
85) sec-Butylbenzene	11.93	105	252655	16.646	ug/l	100
86) p-Isopropyltoluene	12.05	119	233830	16.593	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	122832	17.155	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	126435	17.398	ug/l	98
89) n-Butylbenzene	12.37	91	201054	15.617	ug/l	99
90) Hexachloroethane	12.58	117	40594	16.773	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	120352	17.456	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20777	16.355	ug/l	99

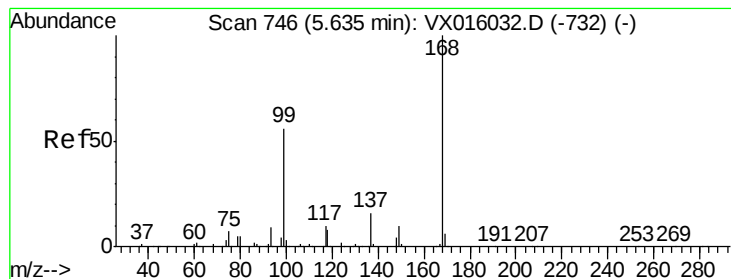
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83572	16.373	ug/l	98
94) Hexachlorobutadiene	13.77	225	34055	15.855	ug/l	98
95) Naphthalene	13.82	128	283965	17.181	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	82488	16.535	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

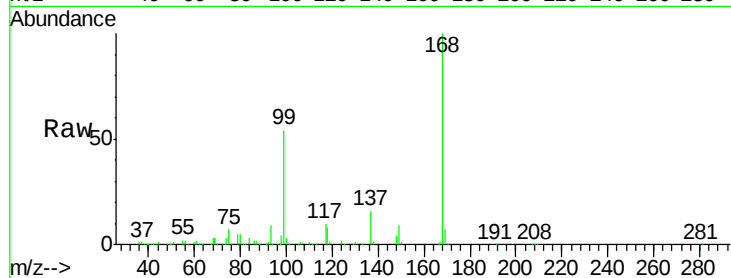
VX0513WBSD02

Tot Ion:168 Resp: 275354

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

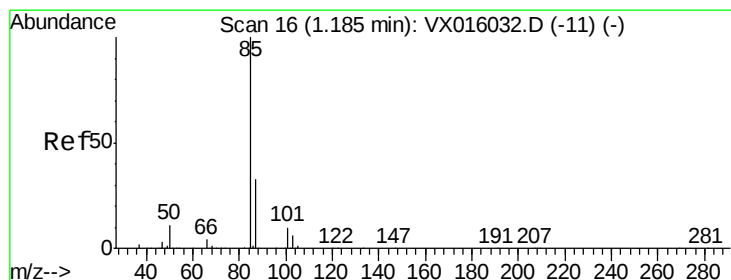
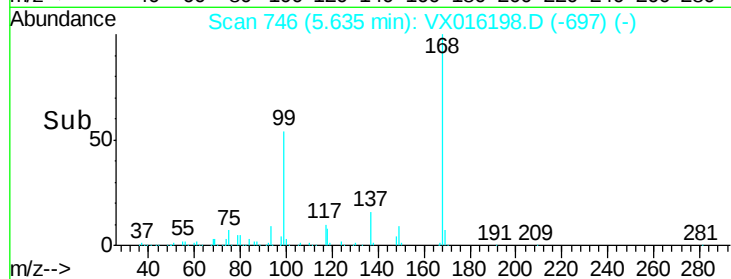
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.406 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016198.D

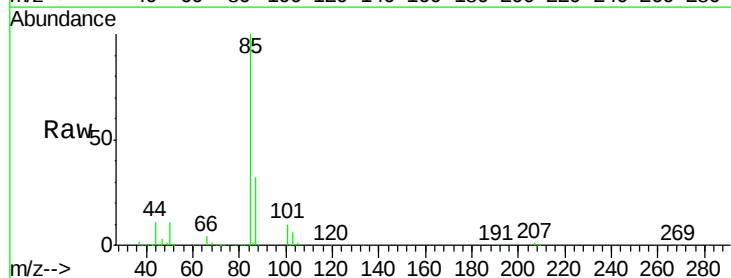
Acq: 13 May 2020 23:23

Tgt Ion: 85 Resp: 53645

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

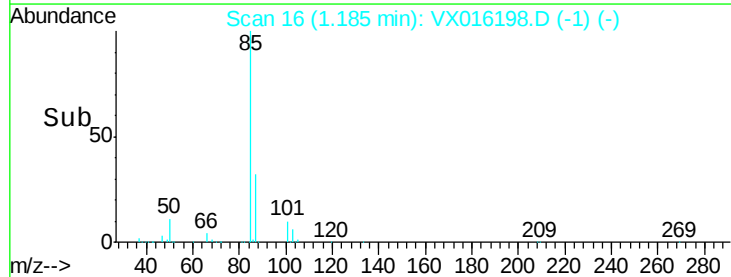
60000

40000

20000

0

Time-->





#3

Chloromethane

Concen: 17.743 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

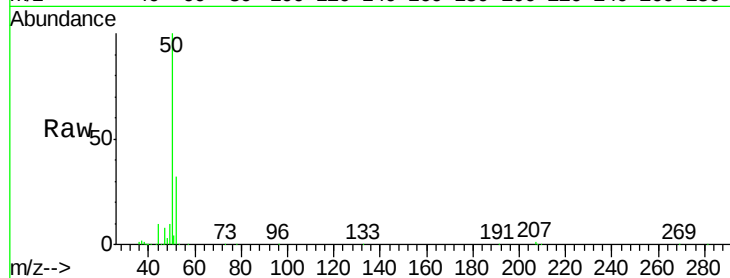
VX0513WBSD02

Tot Ion: 50 Resp: 60057

Ion Ratio Lower Upper

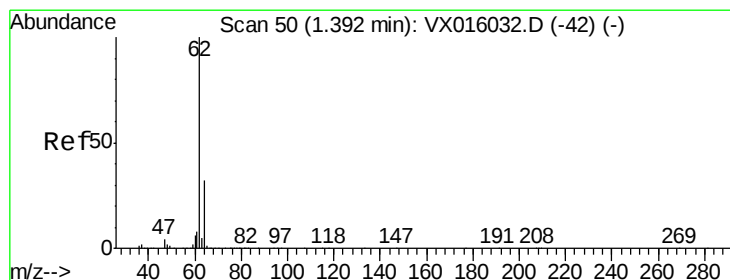
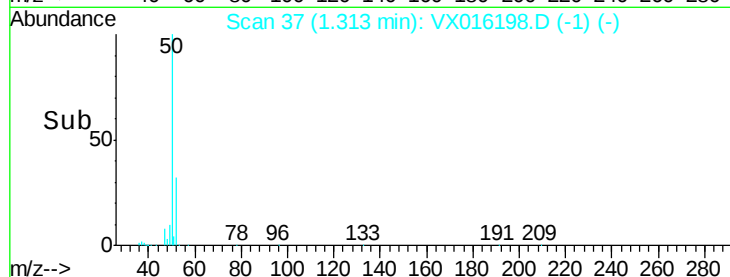
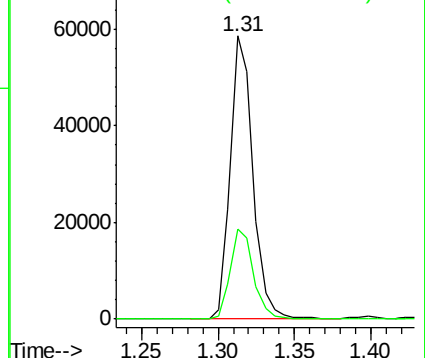
50 100

52 32.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.640 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016198.D

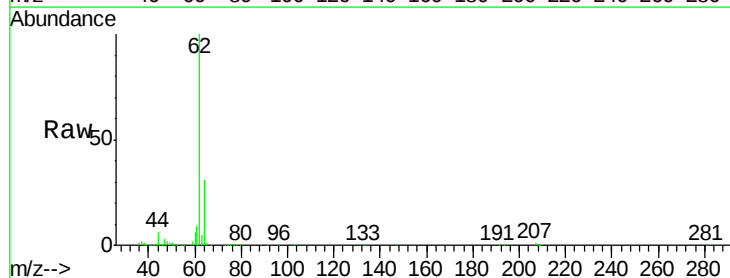
Acq: 13 May 2020 23:23

Tgt Ion: 62 Resp: 63700

Ion Ratio Lower Upper

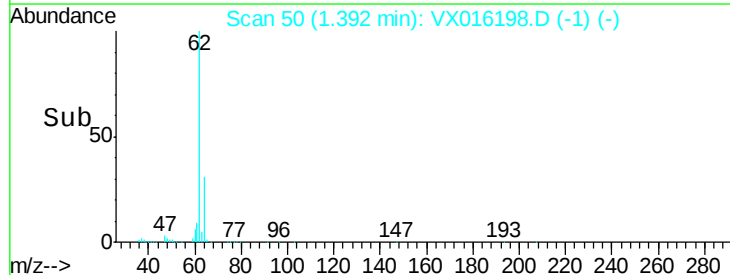
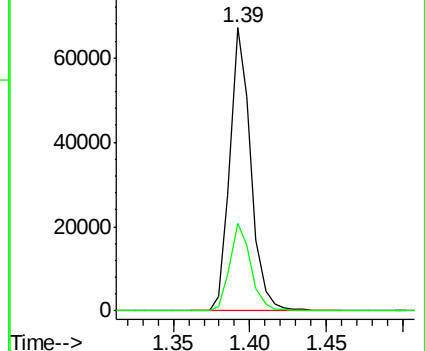
62 100

64 31.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.344 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

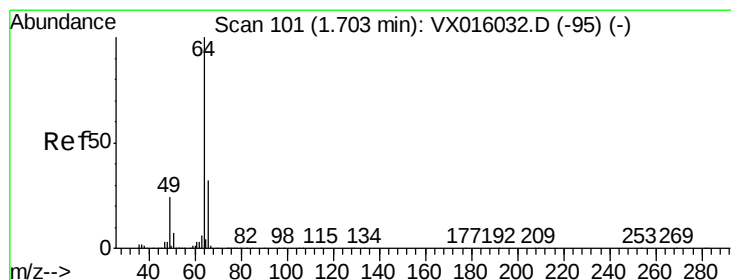
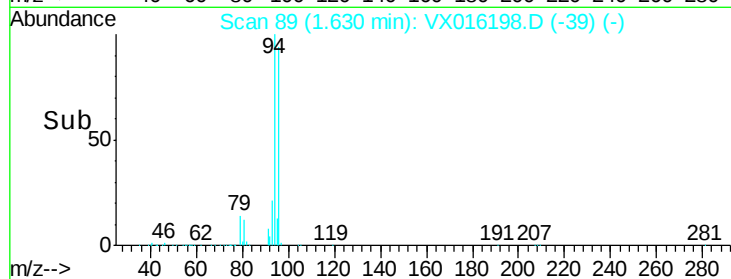
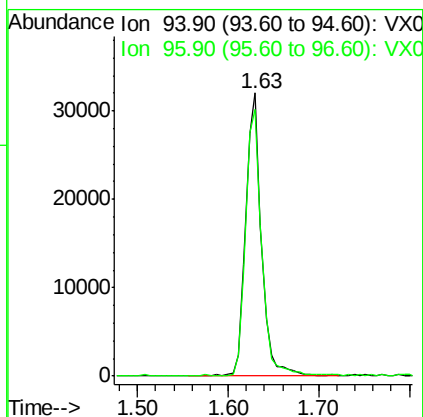
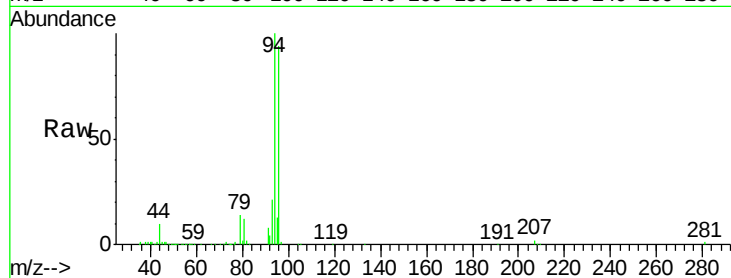
VX0513WBSD02

Tot Ion: 94 Resp: 38858

Ion Ratio Lower Upper

94 100

96 93.9 76.9 115.3



#6

Chloroethane

Concen: 17.909 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016198.D

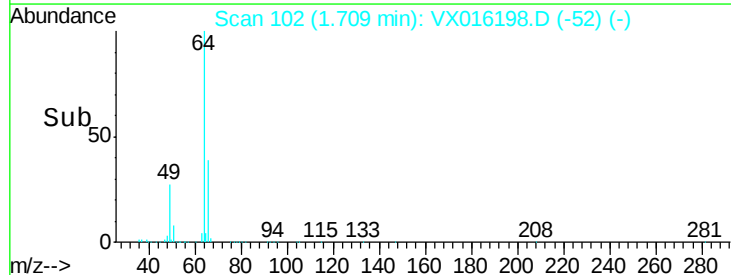
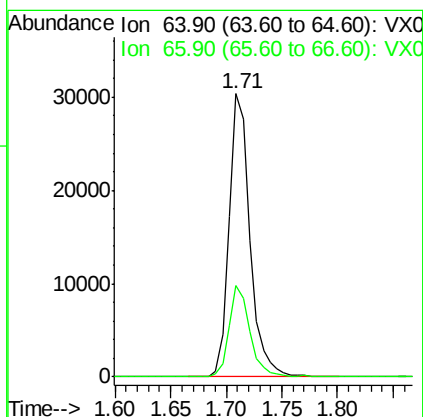
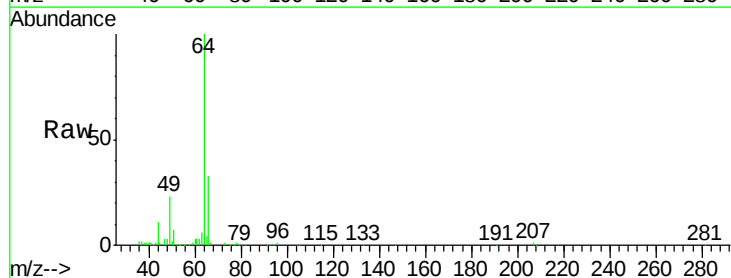
Acq: 13 May 2020 23:23

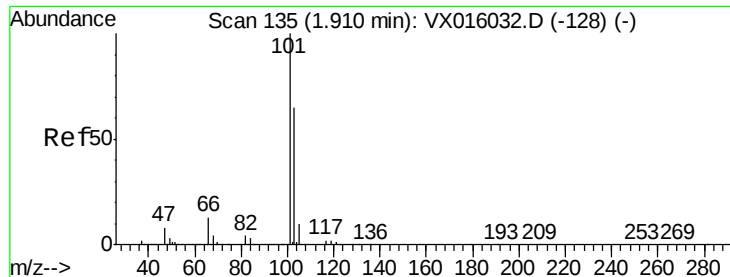
Tgt Ion: 64 Resp: 39351

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8



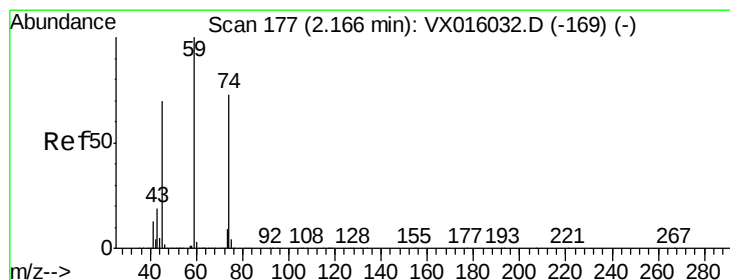
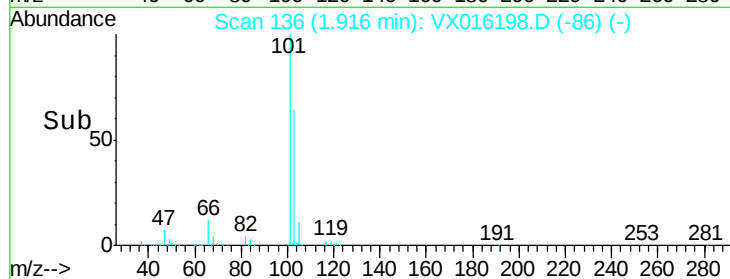
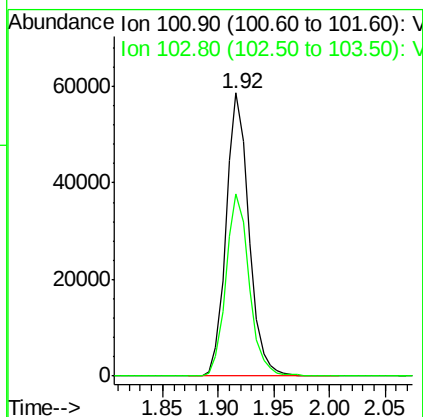
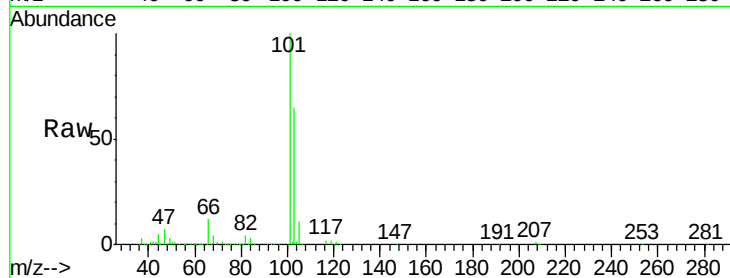


#7

Trichlorofluoromethane
Concen: 17.580 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Instrument :
MSVOA_X
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VX0513WBSD02

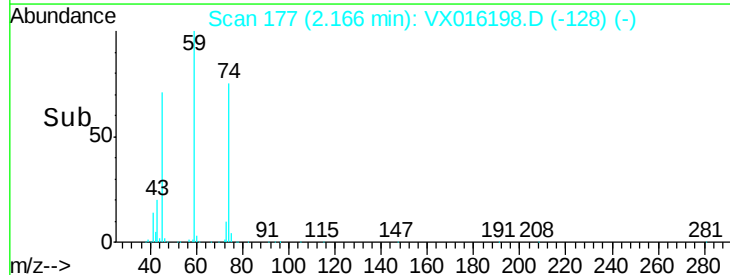
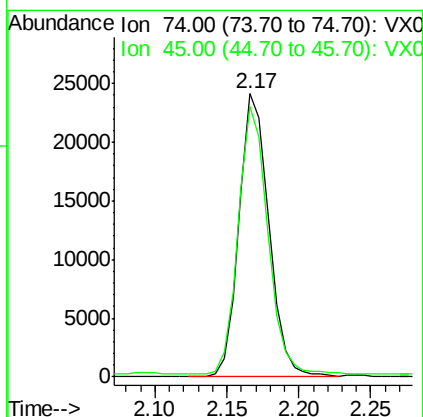
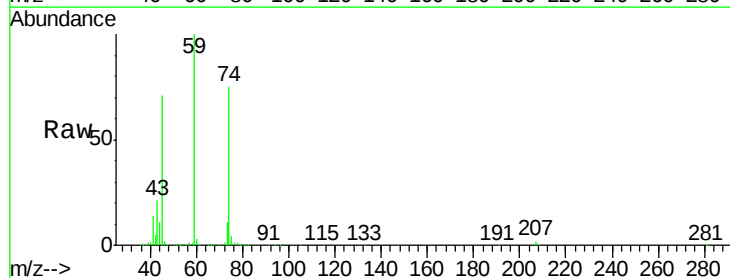
Tot Ion:101 Resp: 83344
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

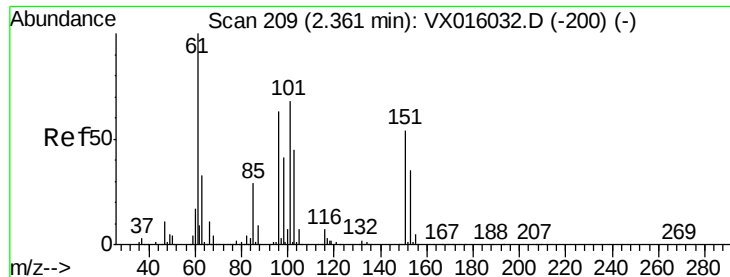


#8

Diethyl Ether
Concen: 17.464 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 74 Resp: 34885
Ion Ratio Lower Upper
74 100
45 93.8 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.477 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

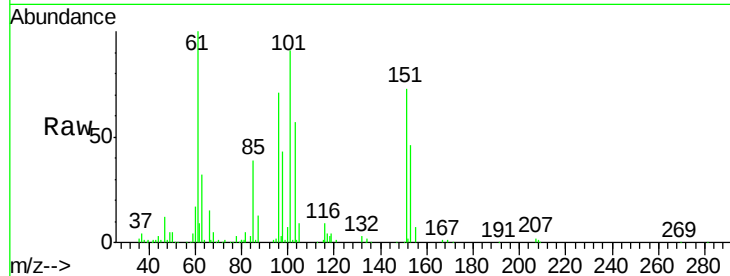
Tot Ion:101 Resp: 47805

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

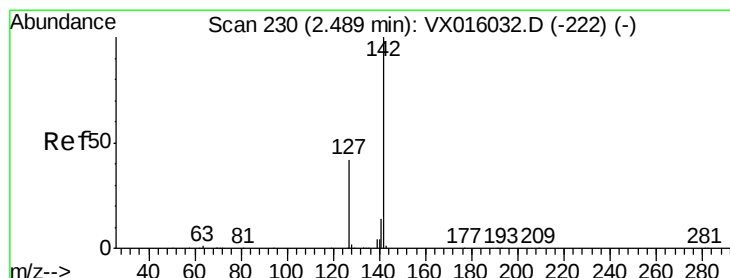
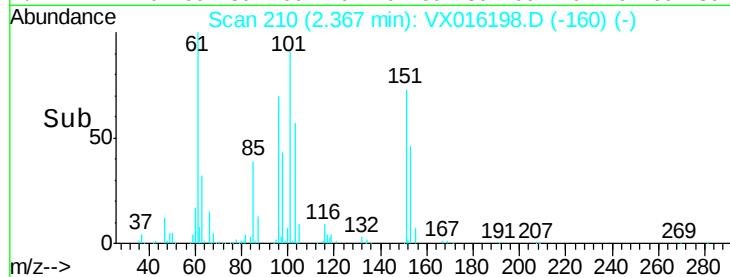
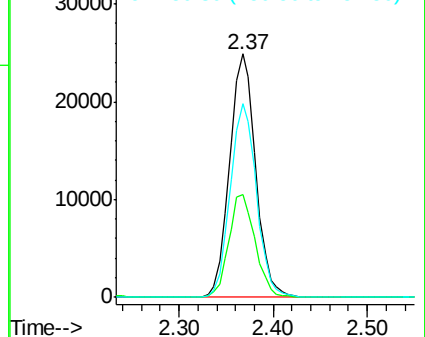
151 80.1 62.1 93.1



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: 12.463 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

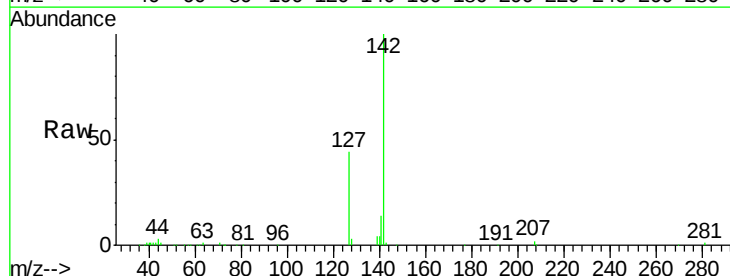
Tgt Ion:142 Resp: 45791

Ion Ratio Lower Upper

142 100

127 44.2 34.6 52.0

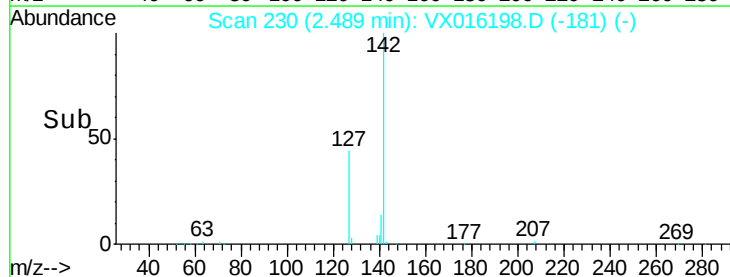
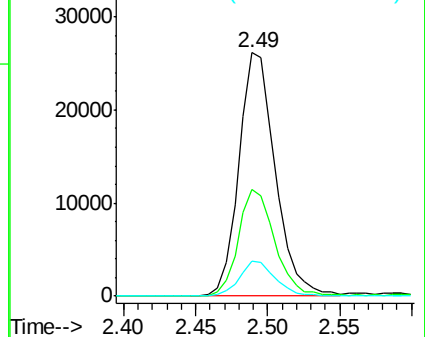
141 14.3 11.3 16.9



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



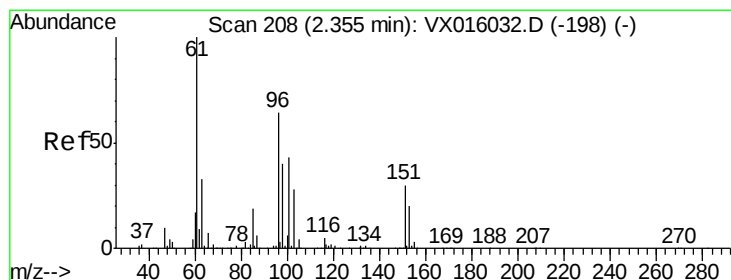
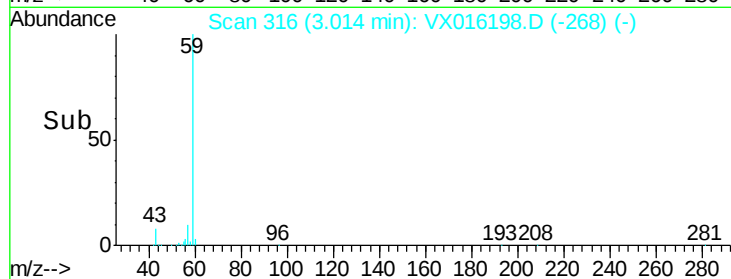
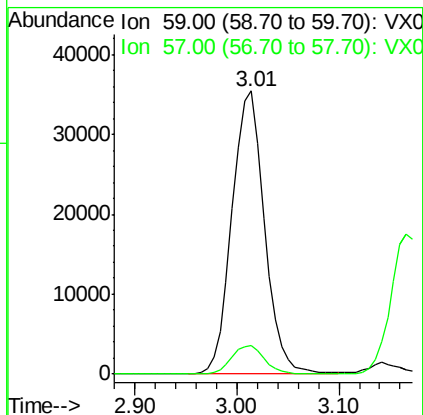
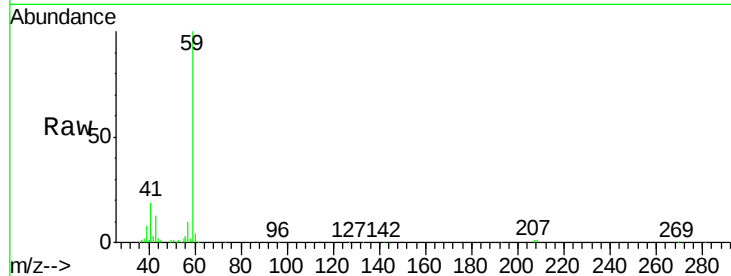


#11

Tert butyl alcohol
 Concen: 85.753 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

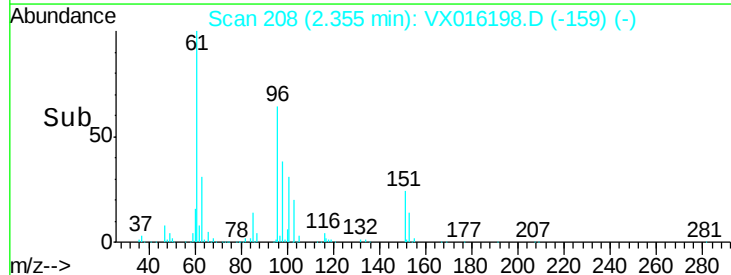
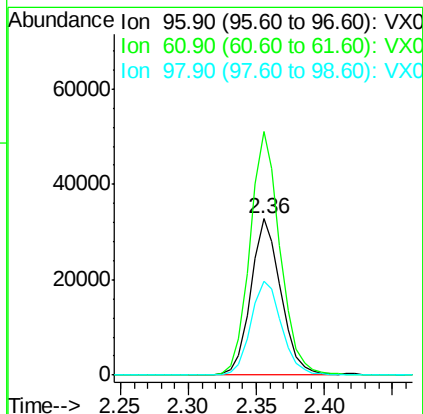
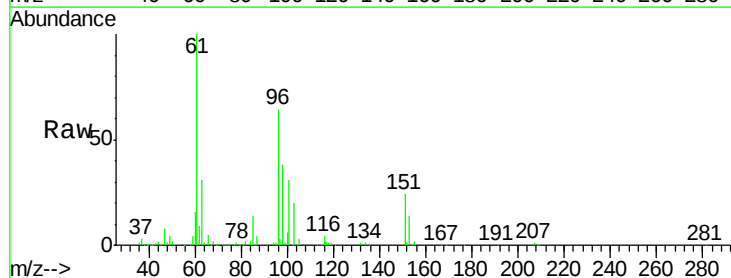
Tot Ion: 59 Resp: 78572
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4



#12

1,1-Dichloroethene
 Concen: 17.680 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion: 96 Resp: 50607
 Ion Ratio Lower Upper
 96 100
 61 156.3 124.8 187.2
 98 59.9 49.7 74.5





#13

Acrolein

Concen: 66.225 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

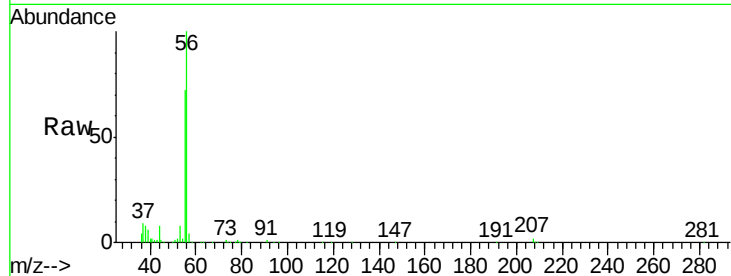
VX0513WBSD02

Tot Ion: 56 Resp: 37971

Ion Ratio Lower Upper

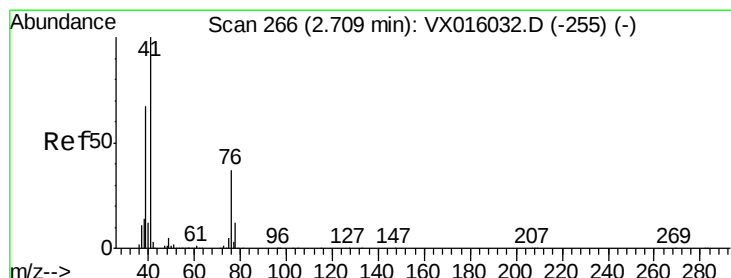
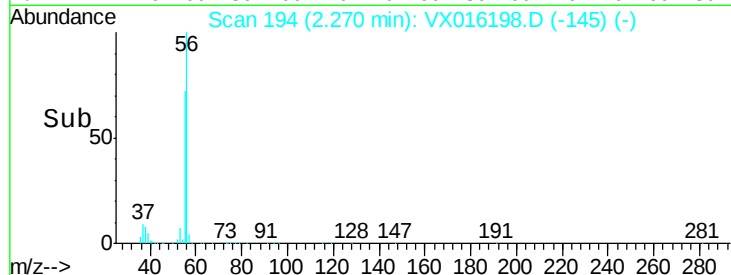
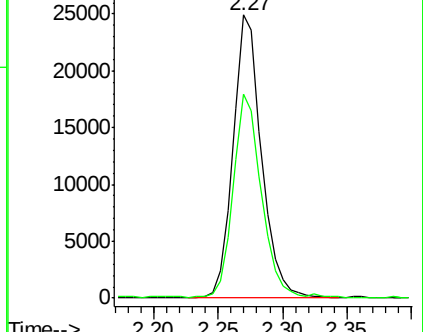
56 100

55 73.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 16.993 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

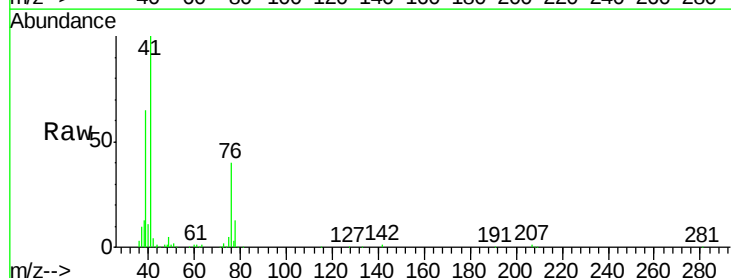
Tgt Ion: 41 Resp: 89183

Ion Ratio Lower Upper

41 100

39 60.7 50.5 75.7

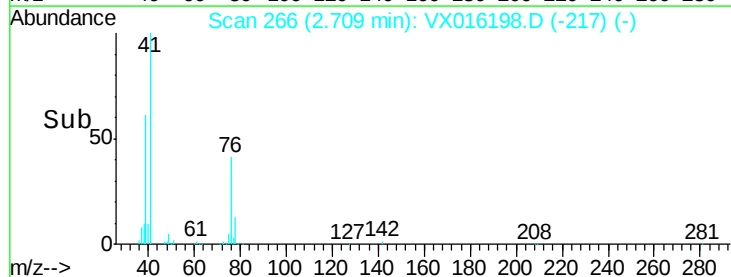
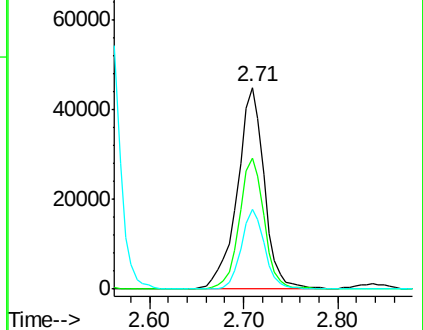
76 34.2 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 88.651 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

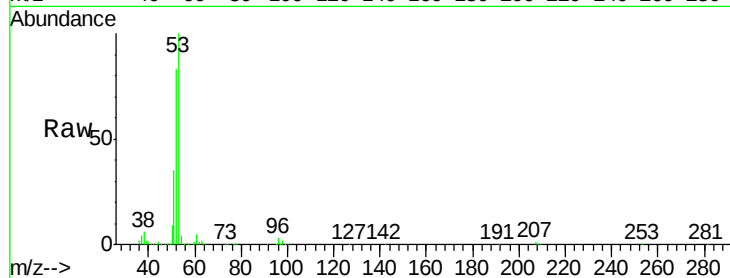
Tot Ion: 53 Resp: 168507

Ion Ratio Lower Upper

53 100

52 82.0 66.1 99.1

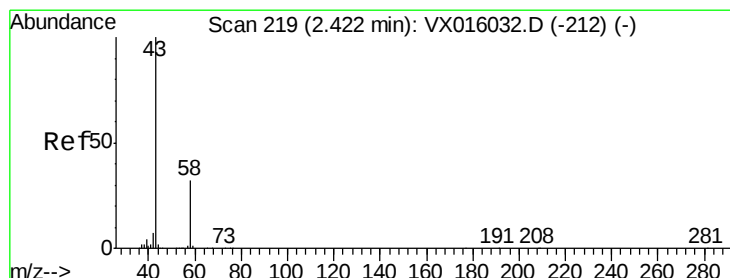
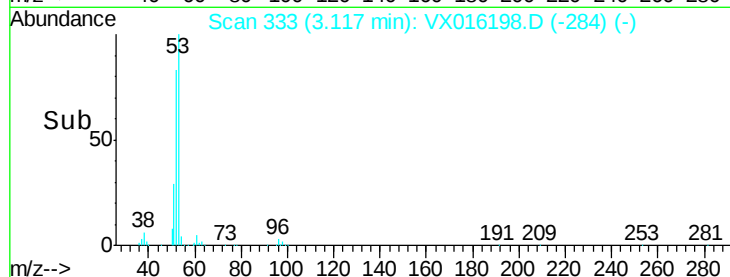
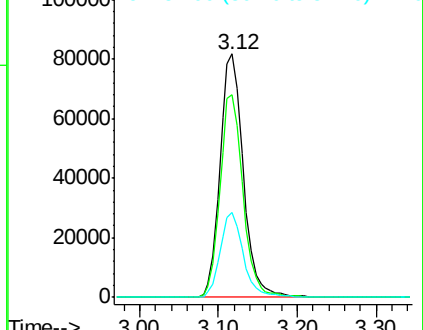
51 34.8 28.8 43.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 84.775 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016198.D

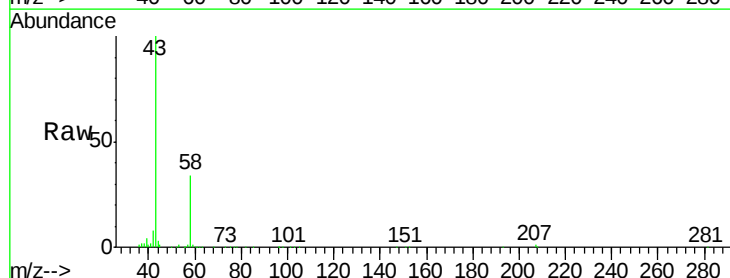
Acq: 13 May 2020 23:23

Tgt Ion: 43 Resp: 137057

Ion Ratio Lower Upper

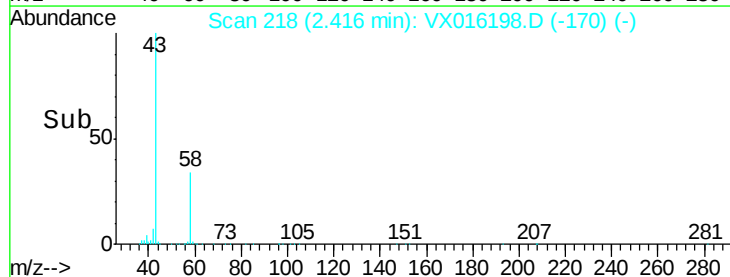
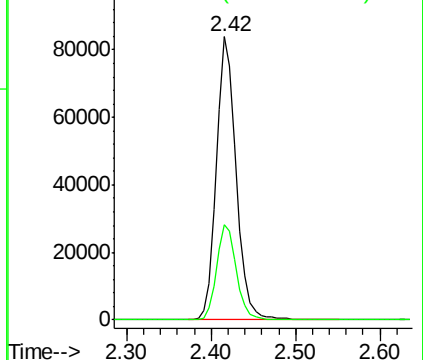
43 100

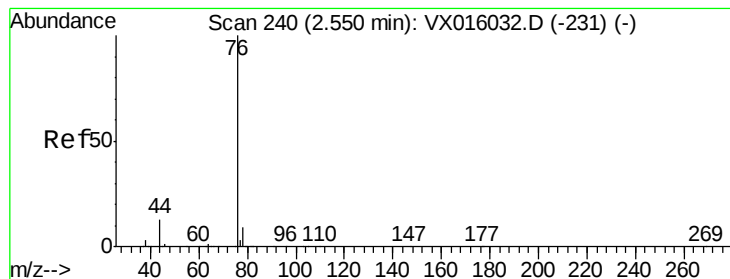
58 33.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.651 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

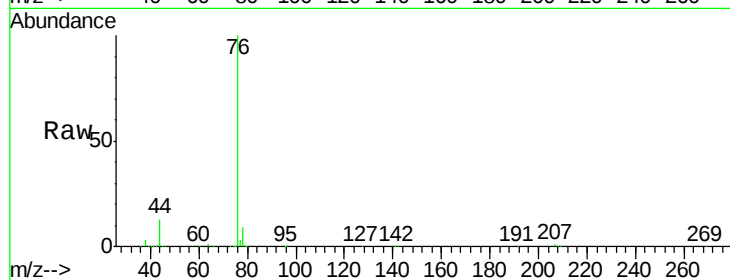
VX0513WBSD02

Tot Ion: 76 Resp: 144315

Ion Ratio Lower Upper

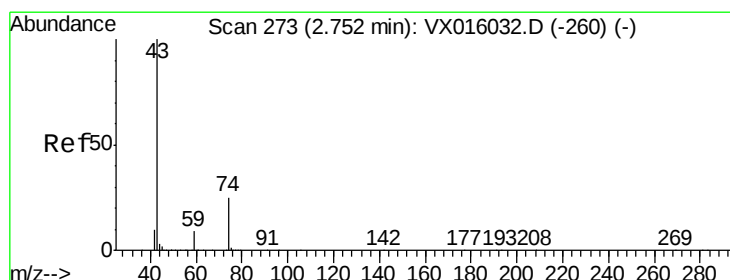
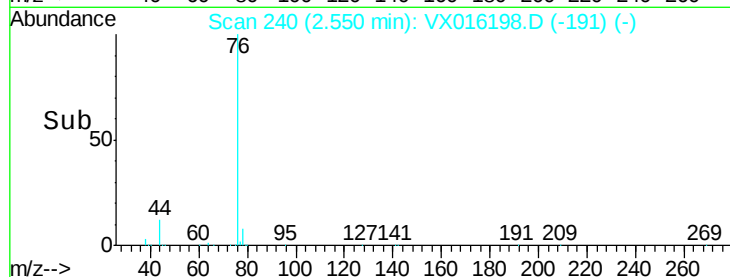
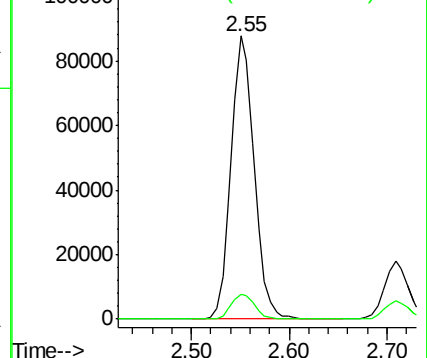
76 100

78 8.6 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: 18.666 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016198.D

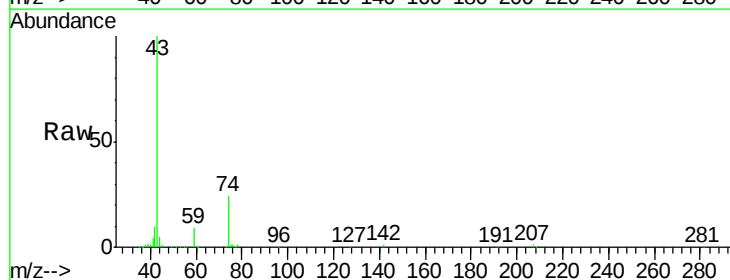
Acq: 13 May 2020 23:23

Tgt Ion: 43 Resp: 74199

Ion Ratio Lower Upper

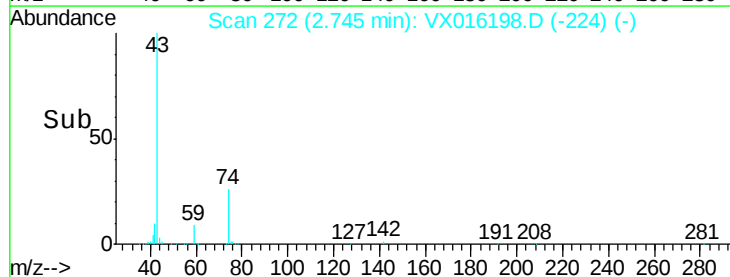
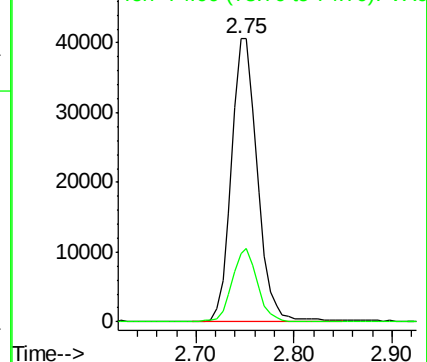
43 100

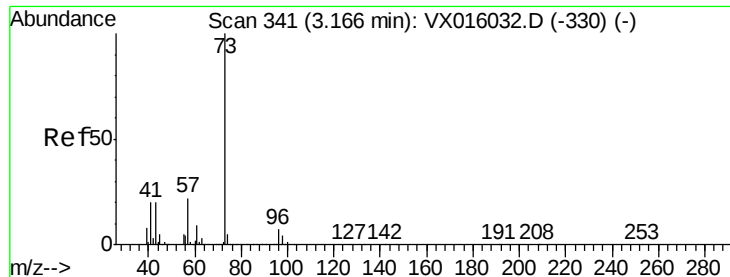
74 25.7 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



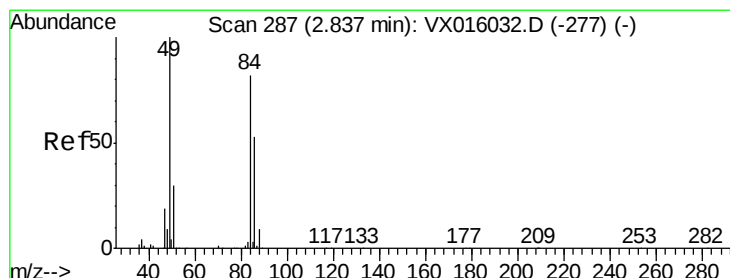
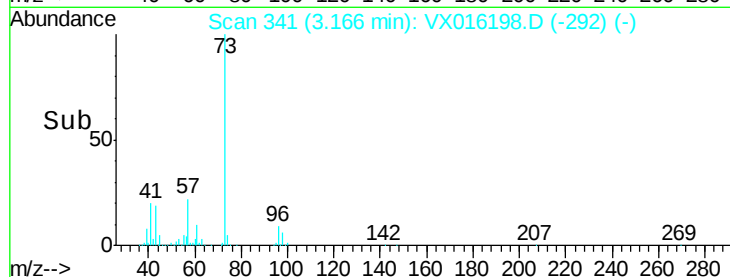
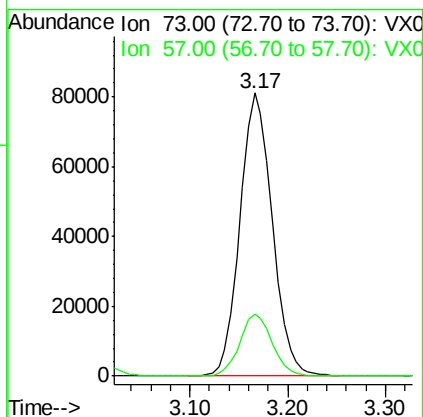
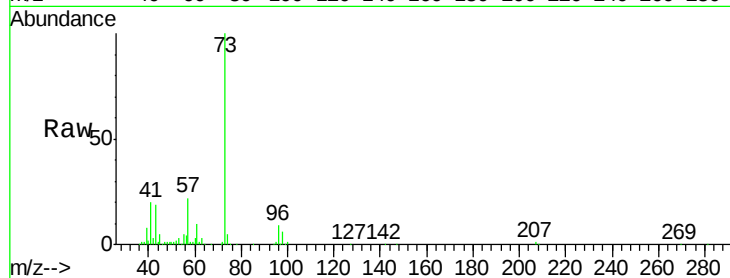


#19

Methyl tert-butyl Ether
 Concen: 18.788 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

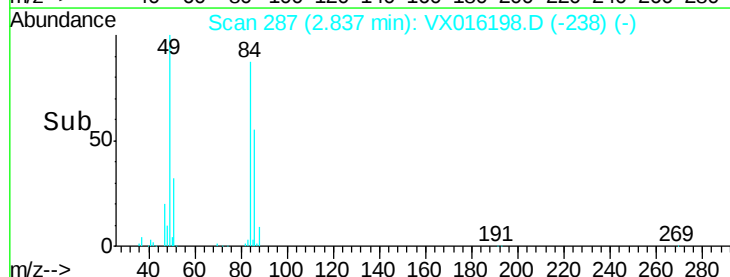
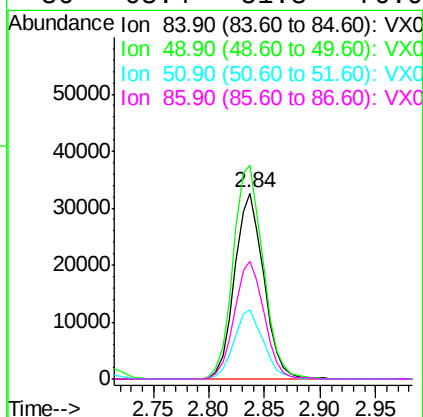
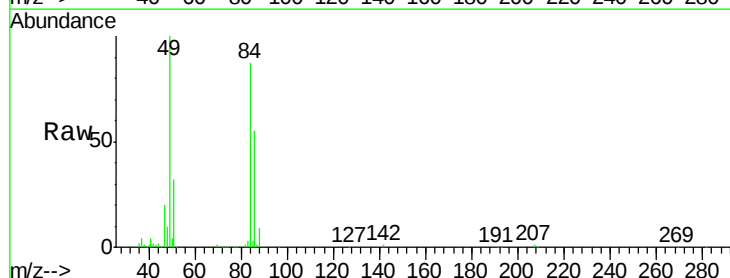
Tot Ion: 73 Resp: 185389
 Ion Ratio Lower Upper
 73 100
 57 21.7 17.8 26.6



#20

Methylene Chloride
 Concen: 17.753 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion: 84 Resp: 59168
 Ion Ratio Lower Upper
 84 100
 49 114.9 97.3 145.9
 51 36.9 29.3 43.9
 86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 17.532 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

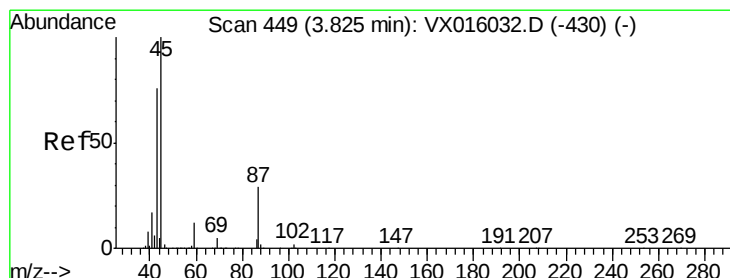
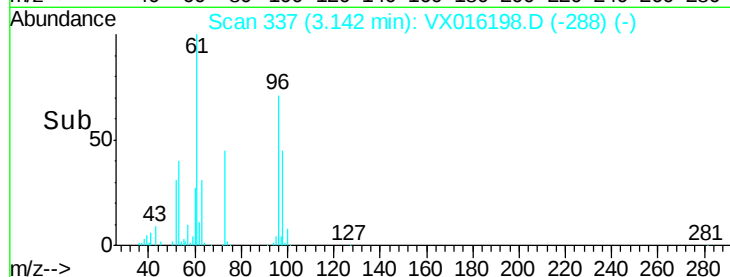
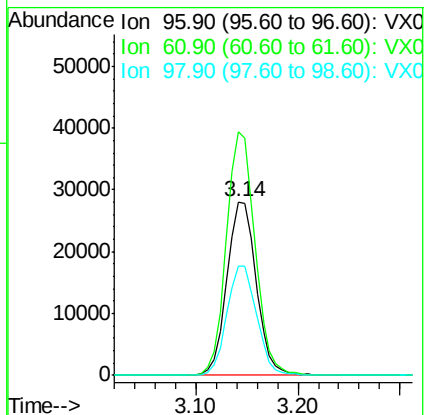
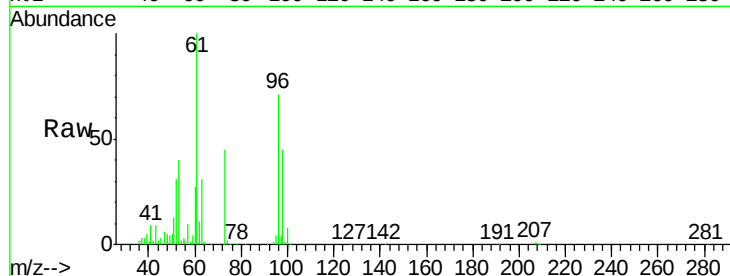
Tot Ion: 96 Resp: 55921

Ion Ratio Lower Upper

96 100

61 140.1 111.2 166.8

98 62.7 50.2 75.4



#22

Diisopropyl ether

Concen: 18.279 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Tgt Ion: 45 Resp: 180979

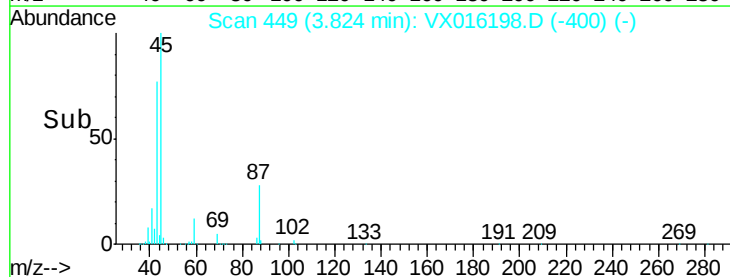
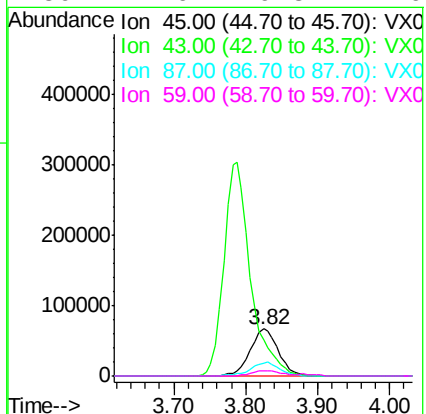
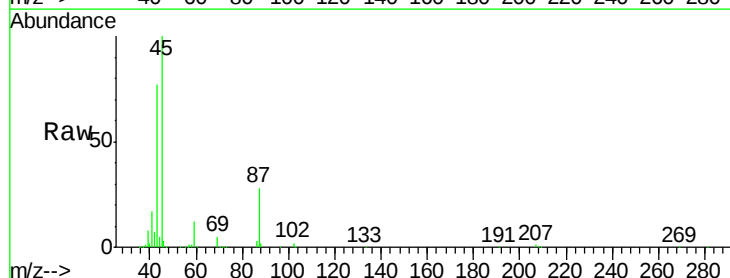
Ion Ratio Lower Upper

45 100

43 76.5 61.1 91.7

87 28.1 23.0 34.6

59 11.6 9.8 14.6





#23

Vinyl Acetate

Concen: 89.735 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

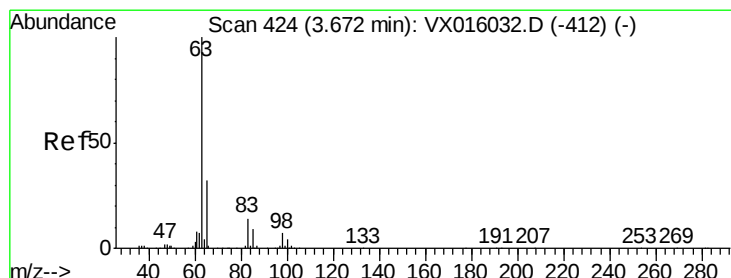
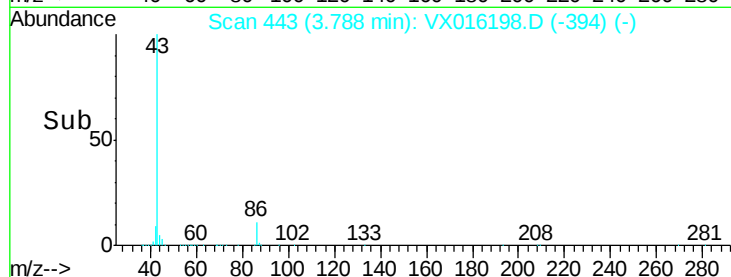
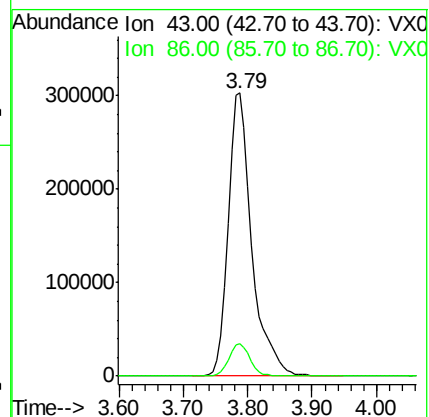
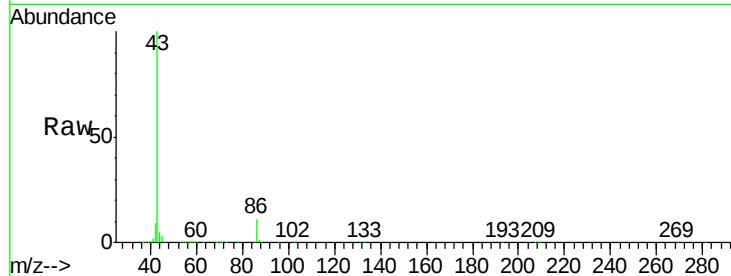
VX0513WBSD02

Tot Ion: 43 Resp: 781670

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 18.979 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

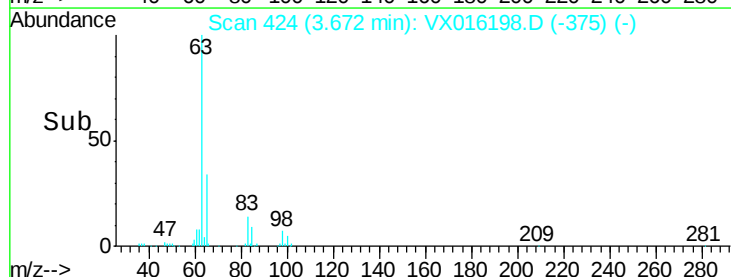
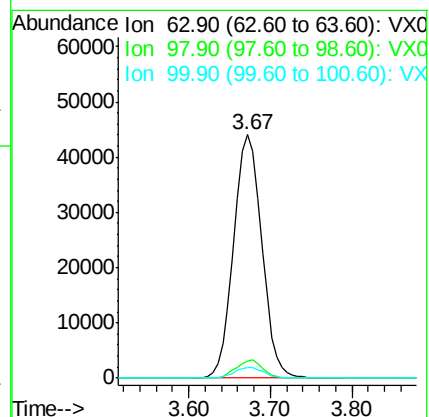
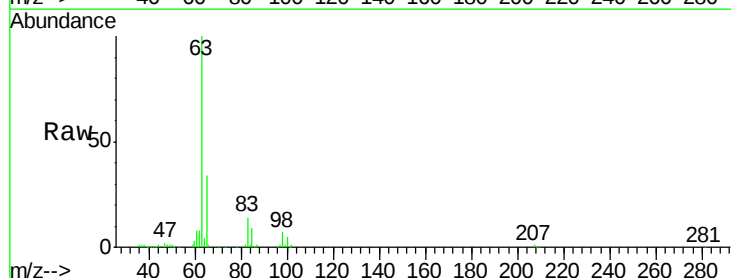
Tgt Ion: 63 Resp: 105116

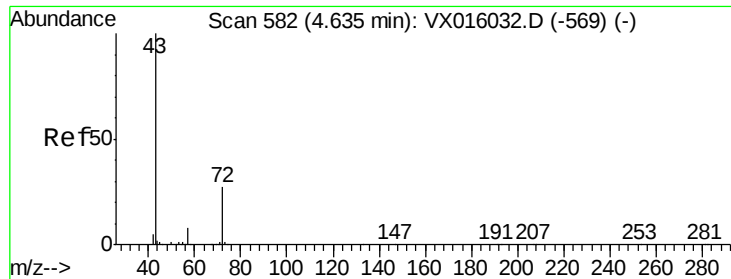
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 89.105 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

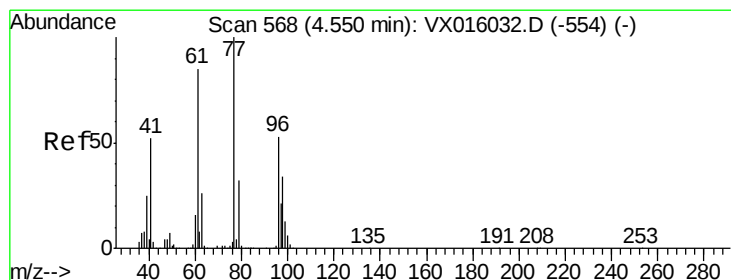
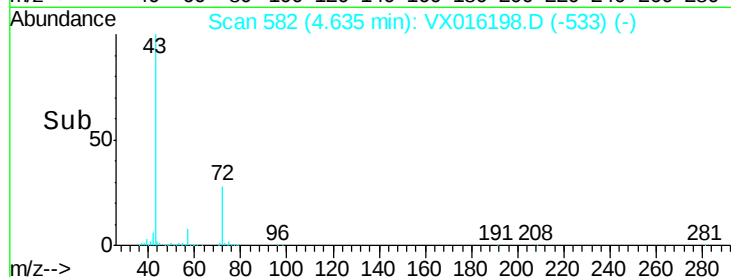
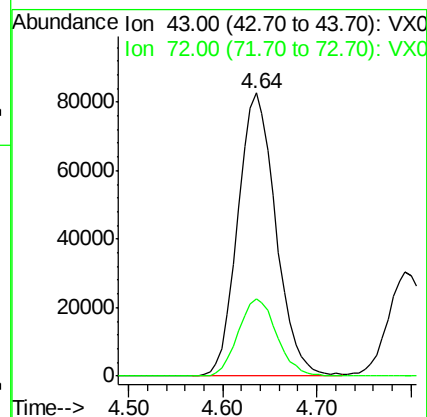
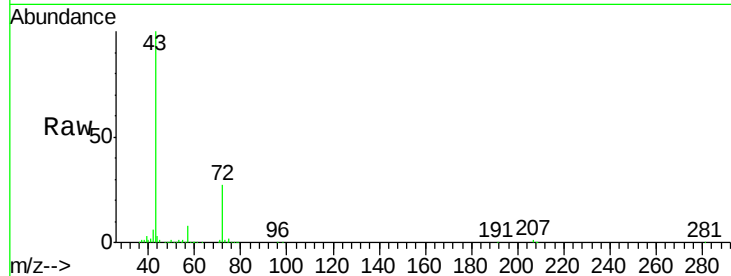
VX0513WBSD02

Tot Ion: 43 Resp: 232136

Ion Ratio Lower Upper

43 100

72 27.3 21.8 32.8



#26

2,2-Dichloropropane

Concen: 15.185 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016198.D

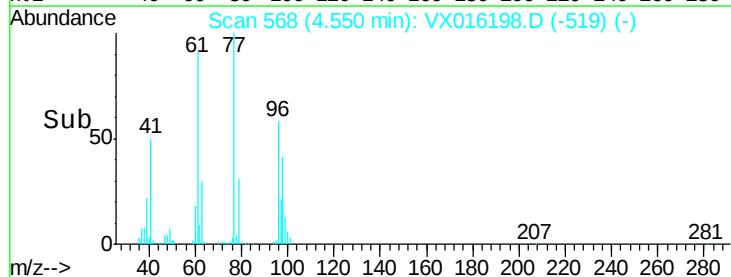
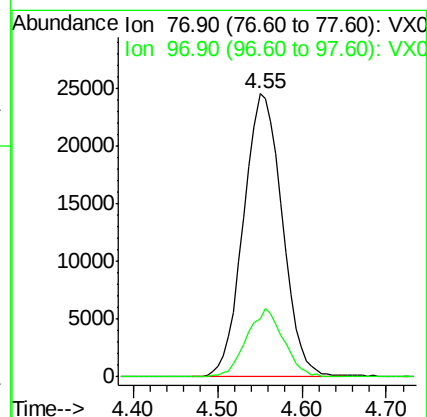
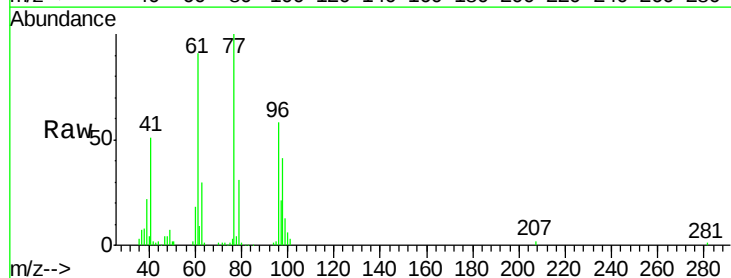
Acq: 13 May 2020 23:23

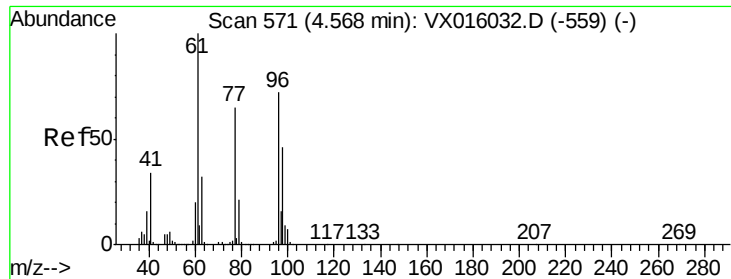
Tgt Ion: 77 Resp: 76808

Ion Ratio Lower Upper

77 100

97 23.0 11.2 33.6



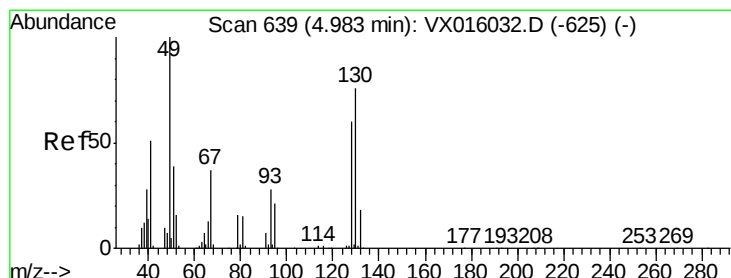
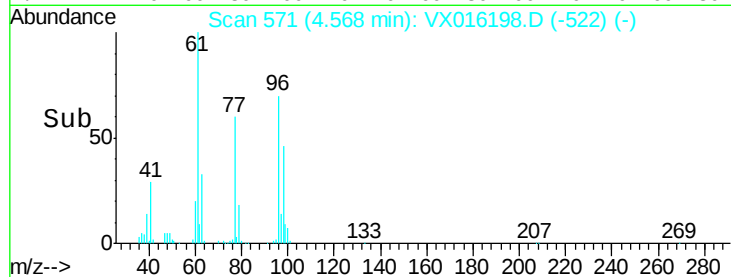
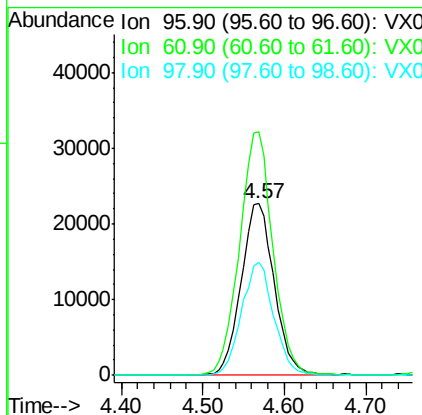
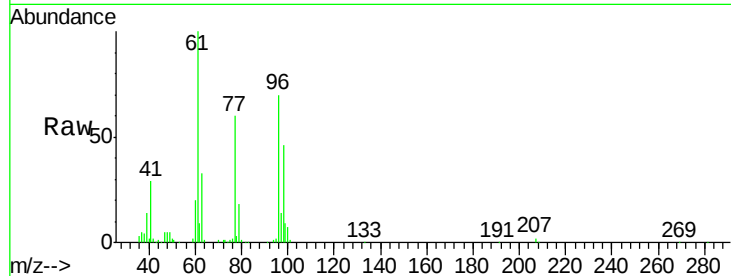


#27

cis-1,2-Dichloroethene
 Concen: 18.380 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

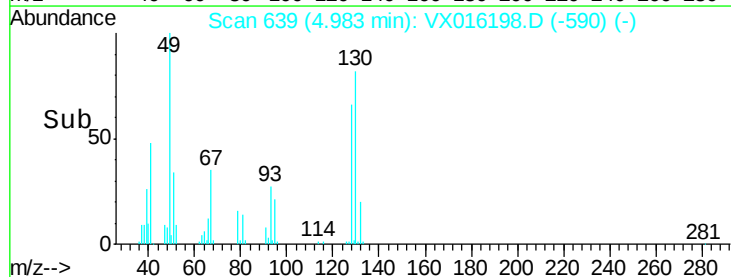
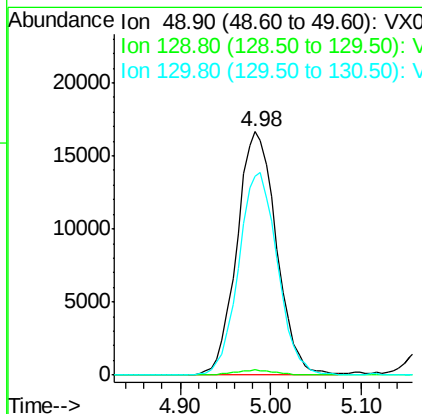
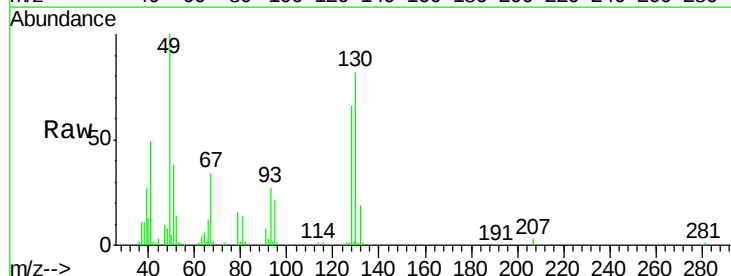
Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	296.2
98	63.9	0.0	129.4

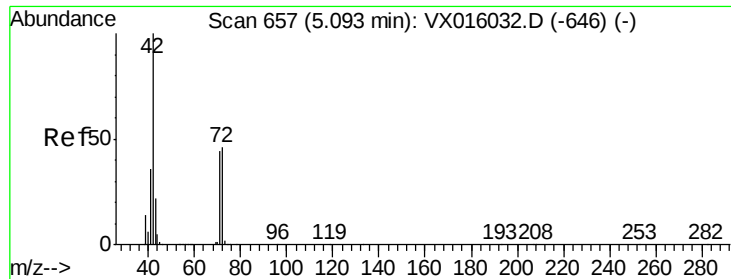


#28

Bromochloromethane
 Concen: 19.927 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.0
130	81.8	62.4	93.6

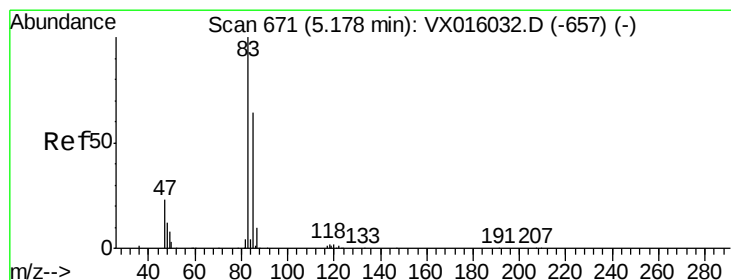
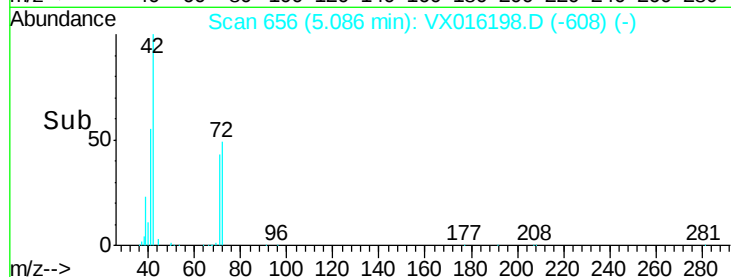
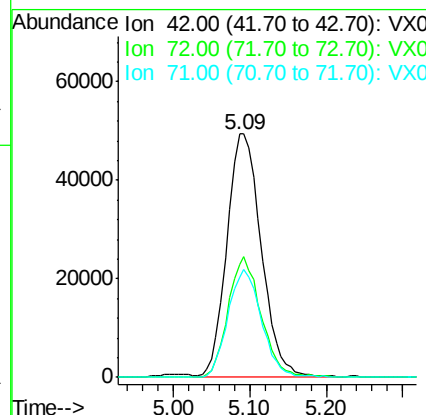
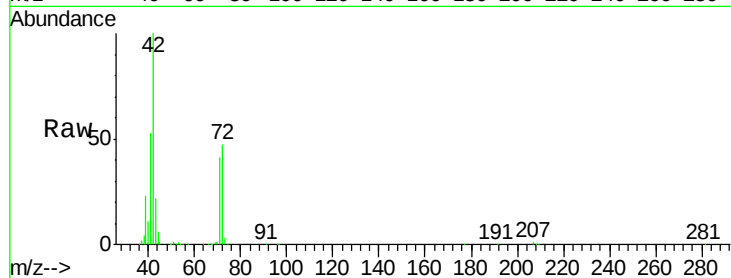




#29
Tetrahydrofuran
Concen: 88.920 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

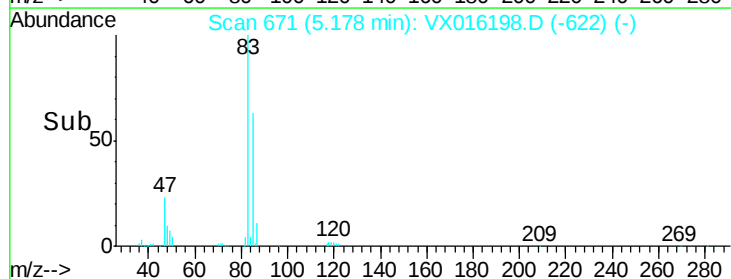
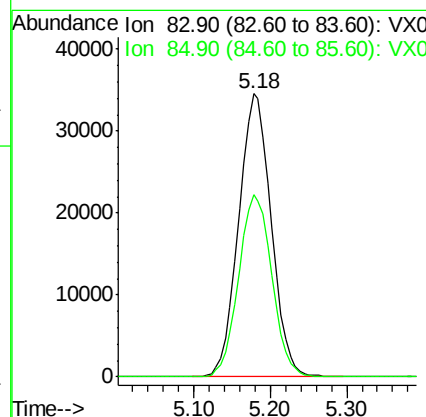
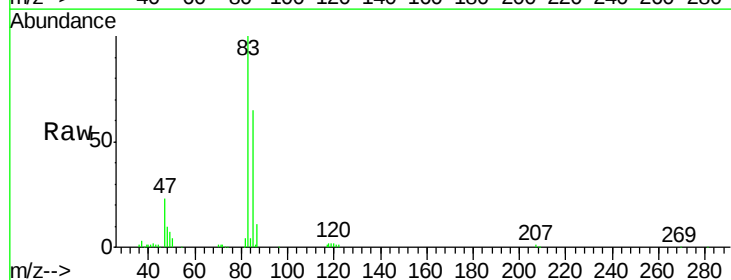
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

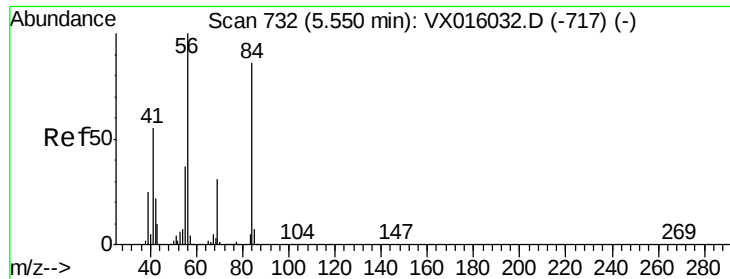
Tot Ion: 42 Resp: 153493
Ion Ratio Lower Upper
42 100
72 47.7 37.1 55.7
71 43.3 34.5 51.7



#30
Chloroform
Concen: 18.533 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 83 Resp: 102201
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4

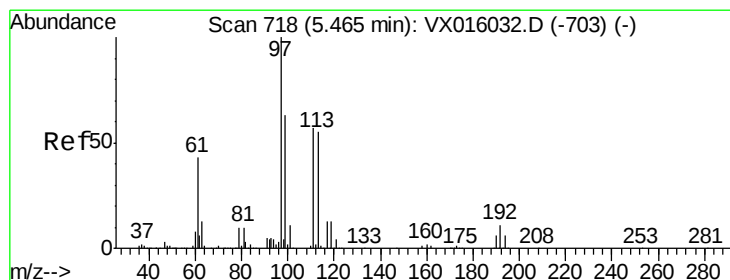
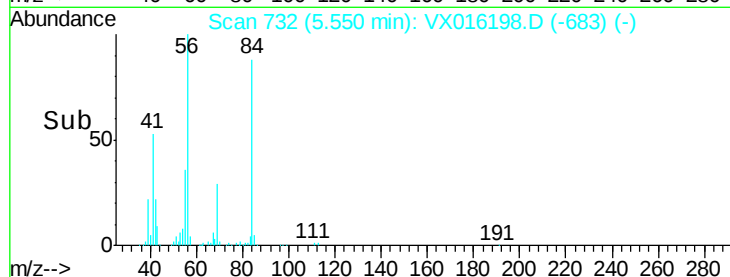
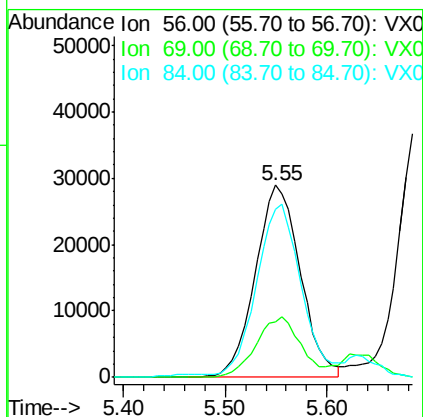
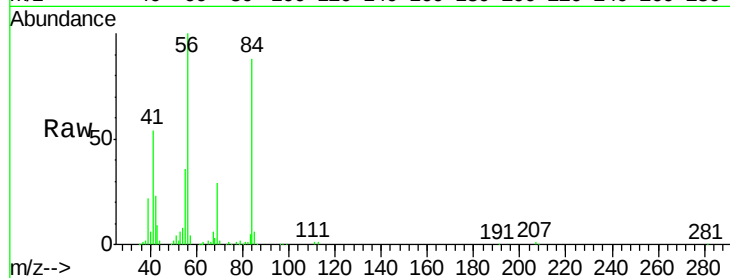




#31
Cyclohexane
Concen: 17.625 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

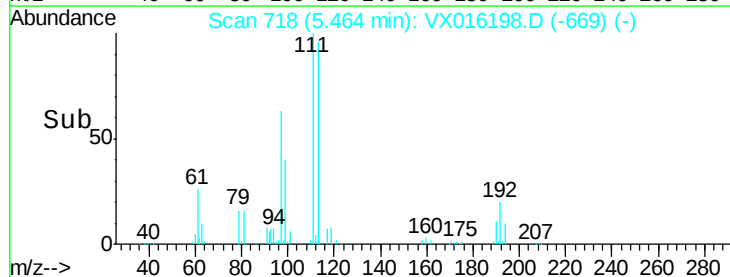
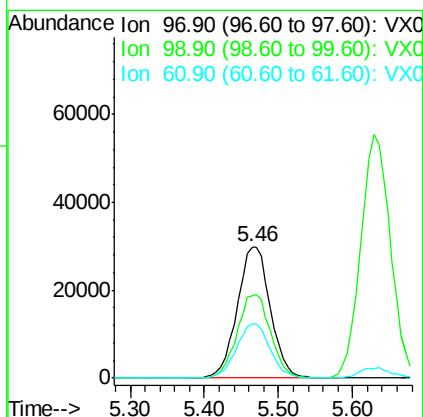
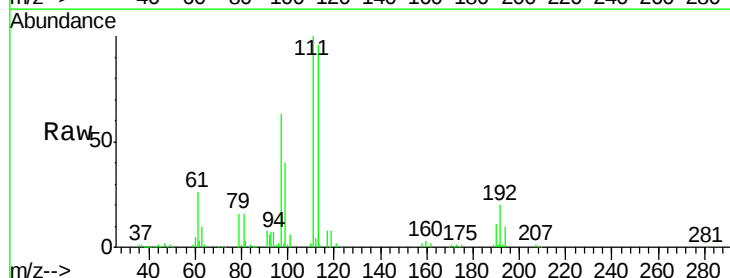
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

Tot Ion: 56 Resp: 88716
Ion Ratio Lower Upper
56 100
69 28.7 25.0 37.6
84 85.9 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 18.523 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 97 Resp: 92849
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 42.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.624 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

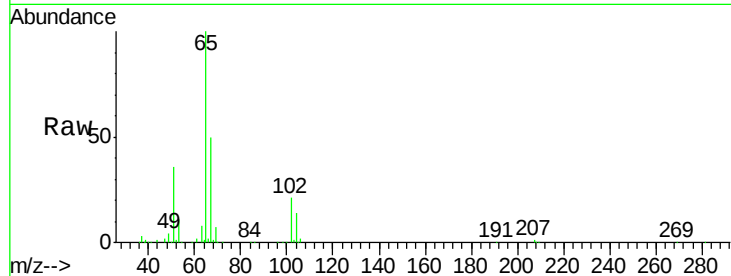
VX0513WBSD02

Tot Ion: 65 Resp: 168938

Ion Ratio Lower Upper

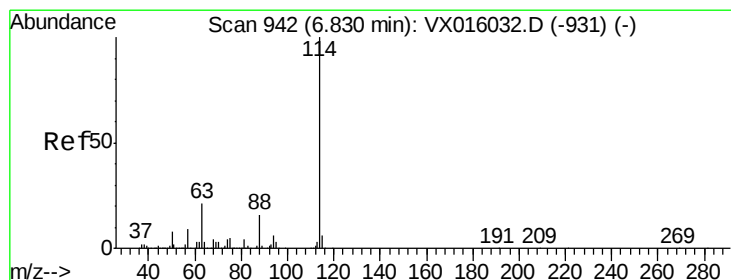
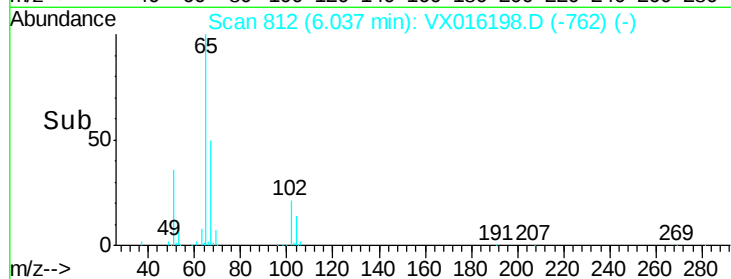
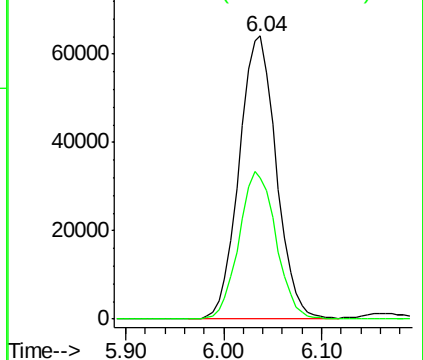
65 100

67 52.0 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

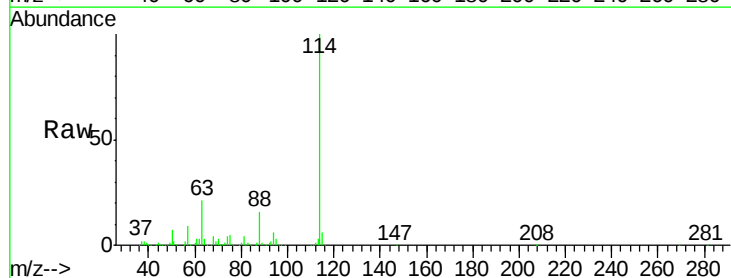
Tgt Ion: 114 Resp: 451311

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

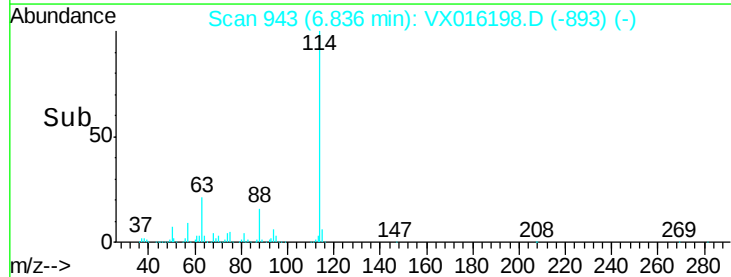
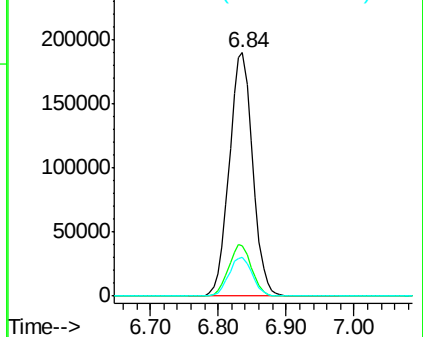
88 16.0 0.0 31.4

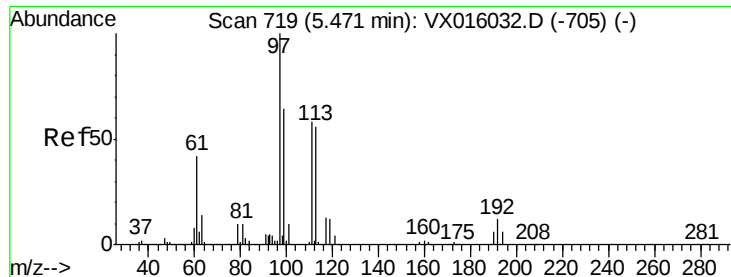


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

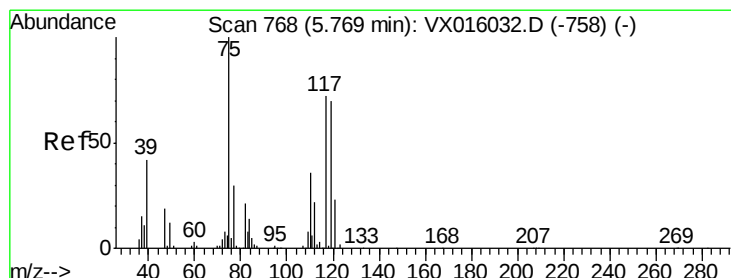
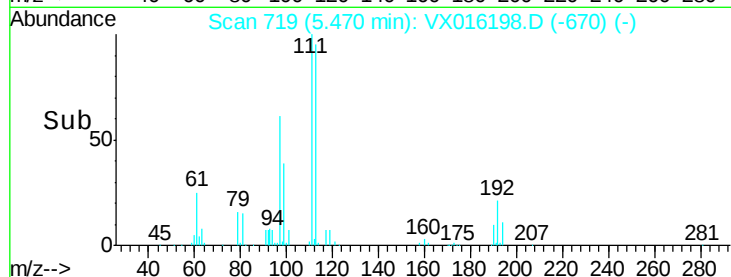
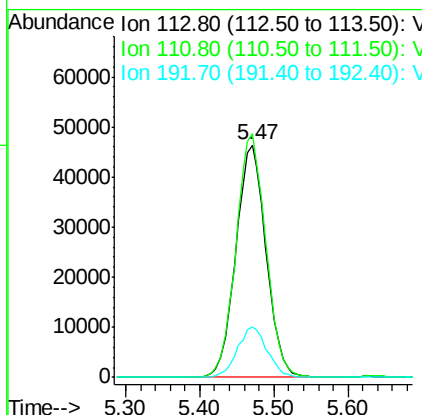
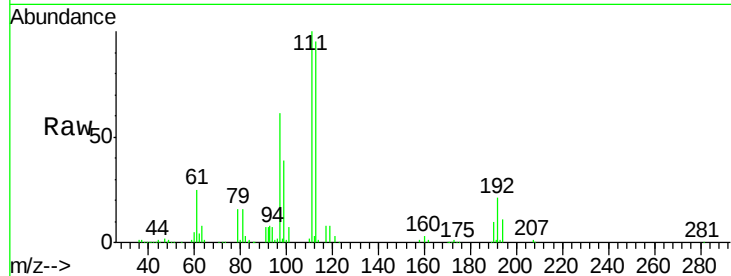




#35
Dibromofluoromethane
Concen: 46.115 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

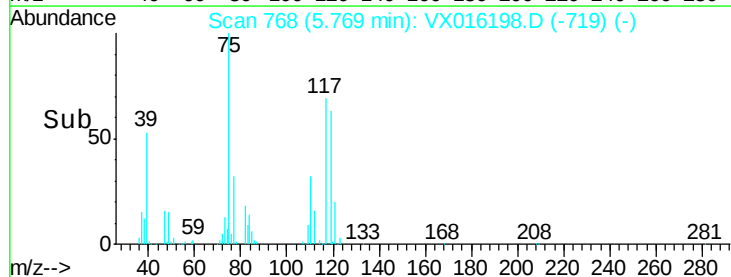
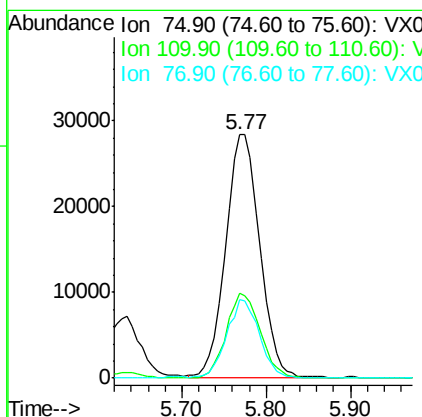
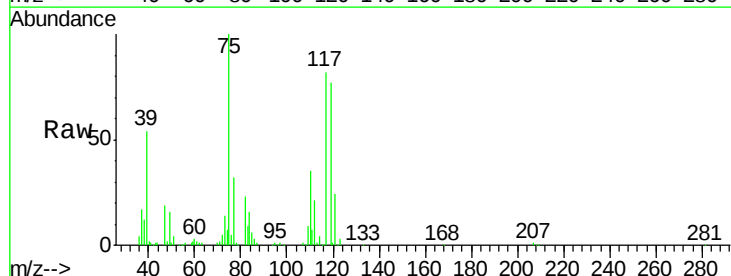
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

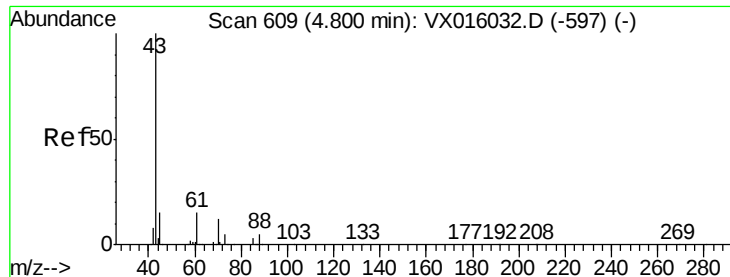
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.6	122.4
192	21.5	17.0	25.4



#36
1,1-Dichloropropene
Concen: 17.480 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	18.1	54.1
77	31.1	25.0	37.6

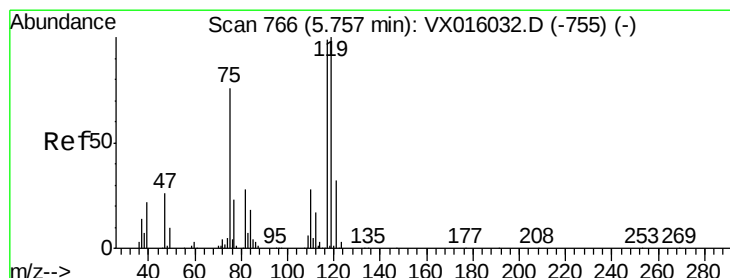
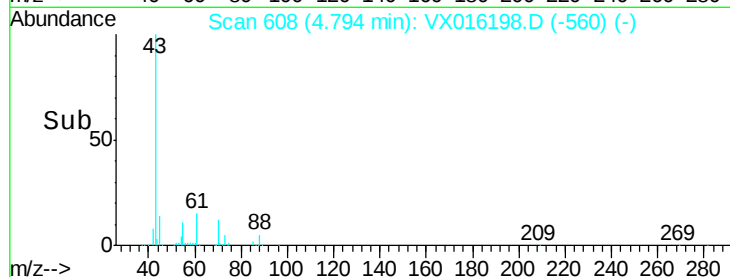
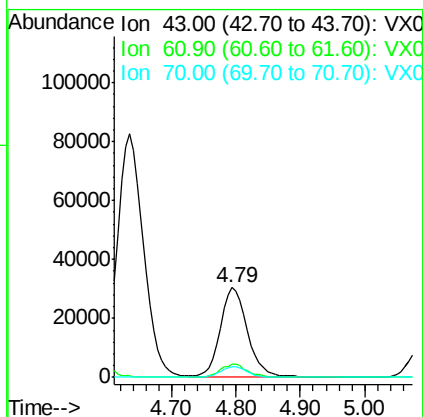
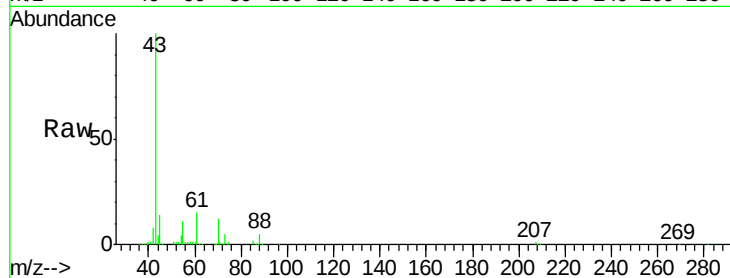




#37
Ethyl Acetate
Concen: 17.462 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

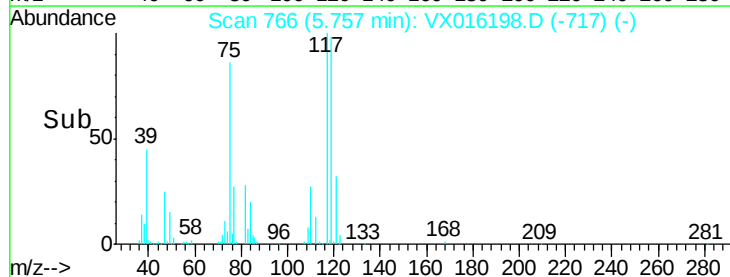
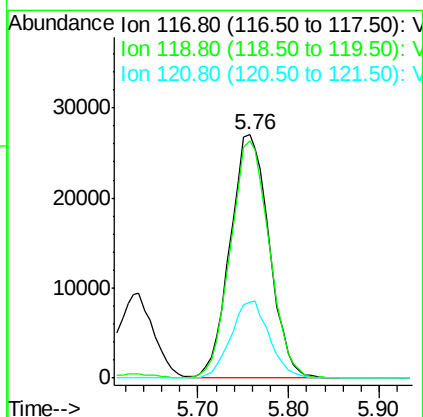
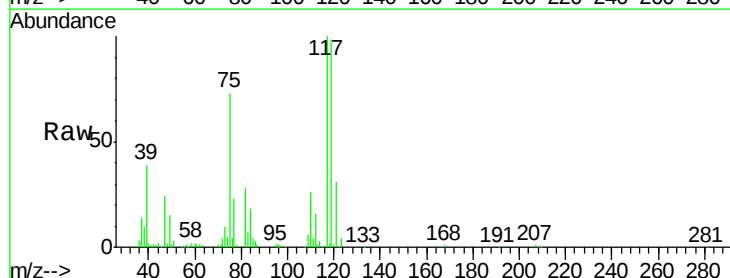
Instrument :
MSVOA_X
ClientSampleID :
VX0513WBSD02

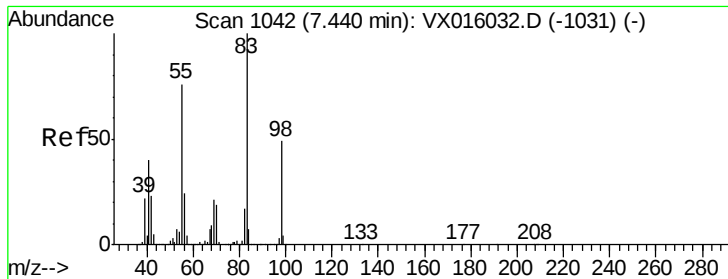
Tot Ion: 43 Resp: 89914
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 11.7 9.3 13.9



#38
Carbon Tetrachloride
Concen: 17.866 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 117 Resp: 80673
Ion Ratio Lower Upper
117 100
119 97.6 80.3 120.5
121 31.0 25.7 38.5

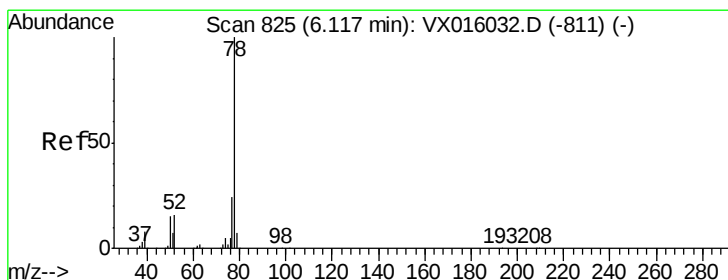
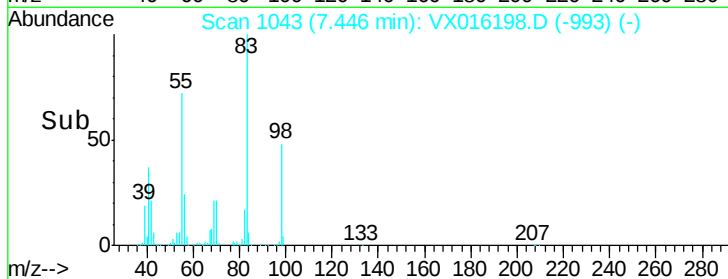
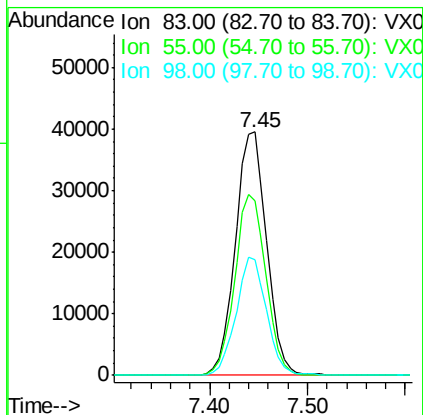
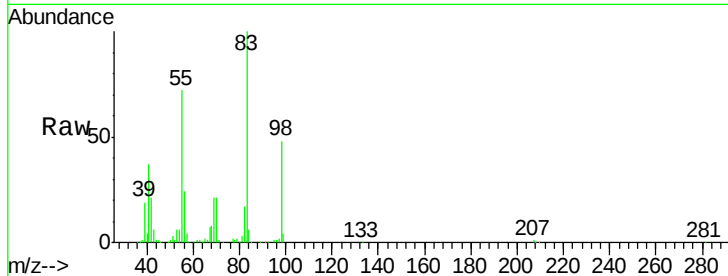




#39
Methvlcvclohexane
Concen: 16.390 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

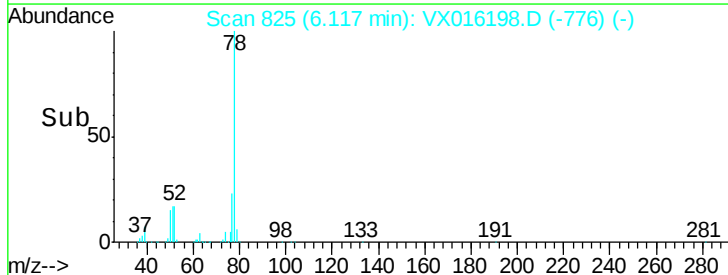
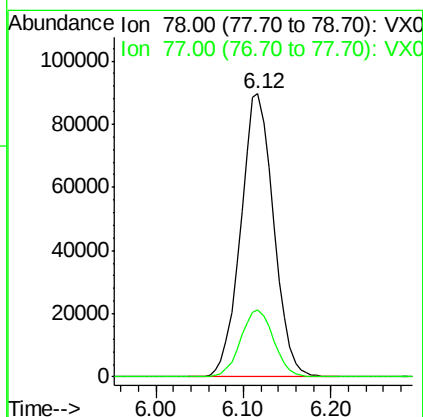
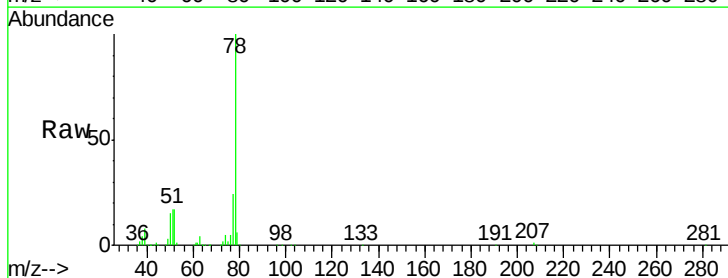
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

Tot Ion: 83 Resp: 87685
Ion Ratio Lower Upper
83 100
55 71.6 61.1 91.7
98 47.7 39.0 58.4



#40
Benzene
Concen: 17.986 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 78 Resp: 233797
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.4

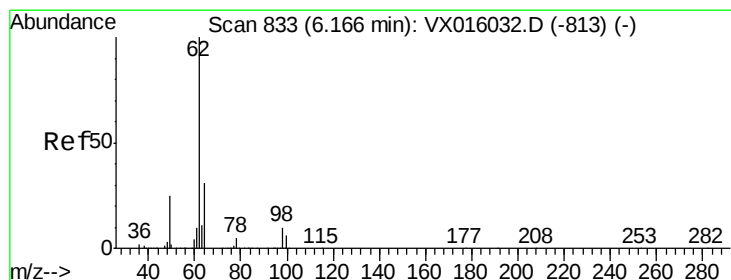
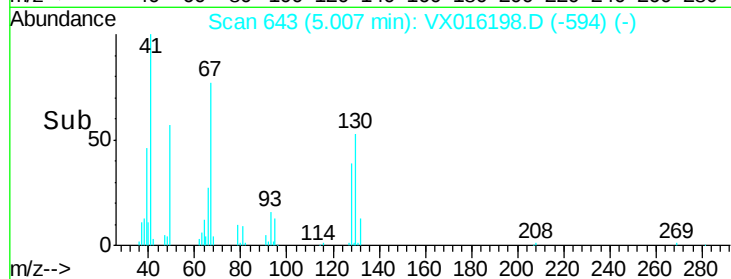
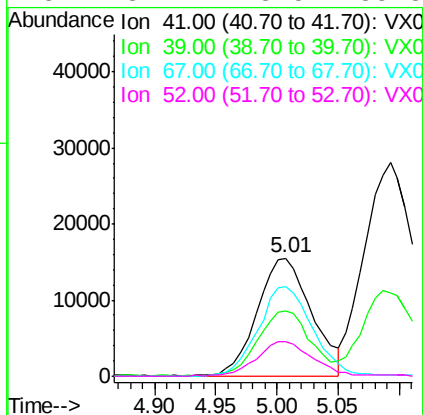
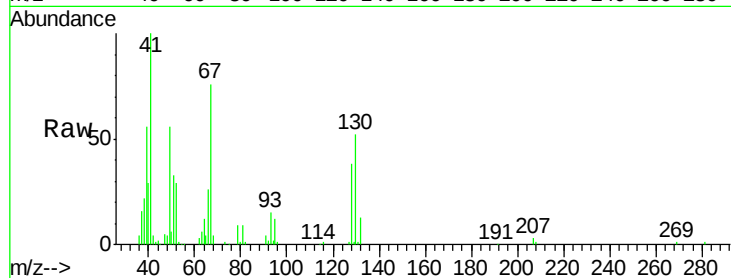




#41
Methacrylonitrile
Concen: 17.121 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

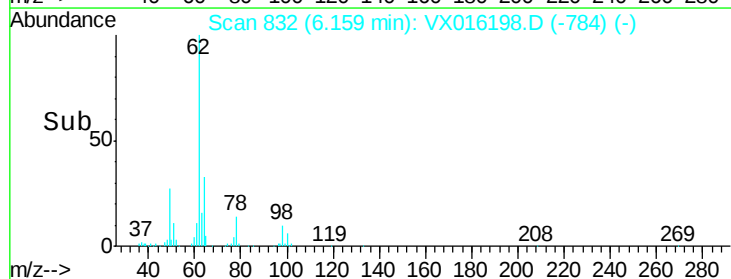
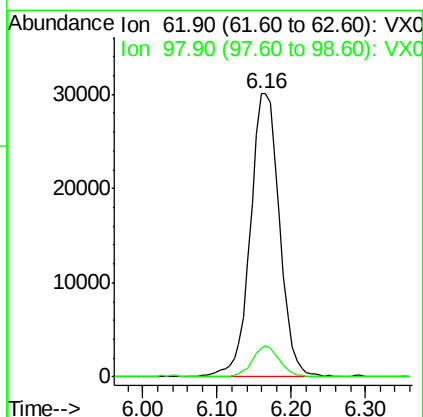
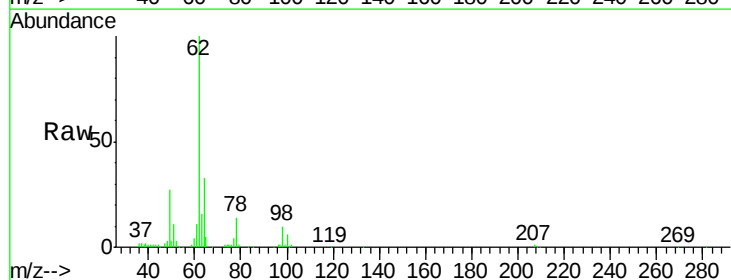
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

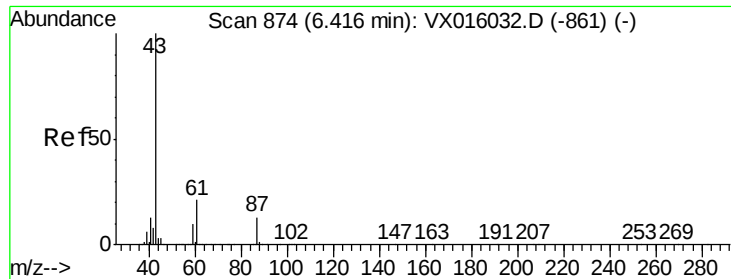
Tot Ion:	41	Resp:	47609
Ion	Ratio	Lower	Upper
41	100		
39	53.7	43.2	64.8
67	76.4	59.3	88.9
52	31.2	23.5	35.3



#42
1,2-Dichloroethane
Concen: 17.731 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion:	62	Resp:	83027
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4



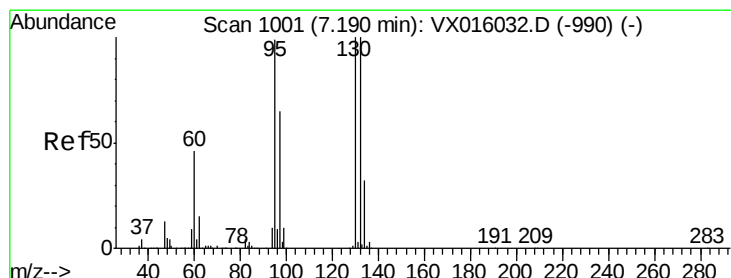
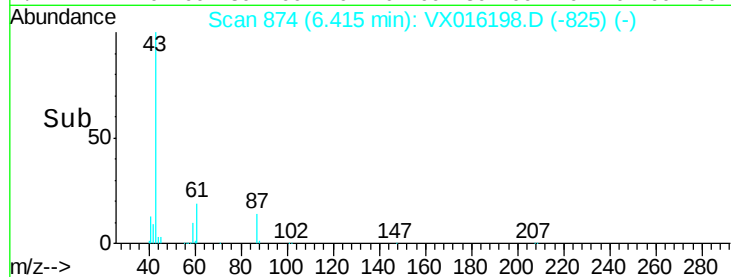
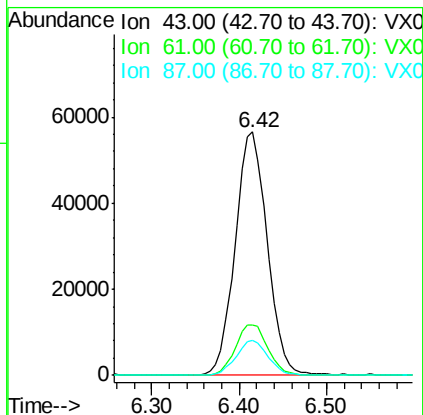
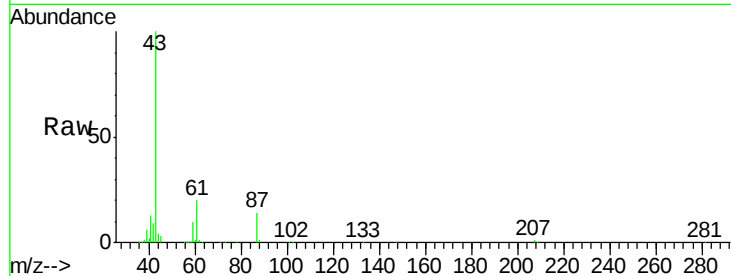


#43

Isopropyl Acetate
 Concen: 17.448 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

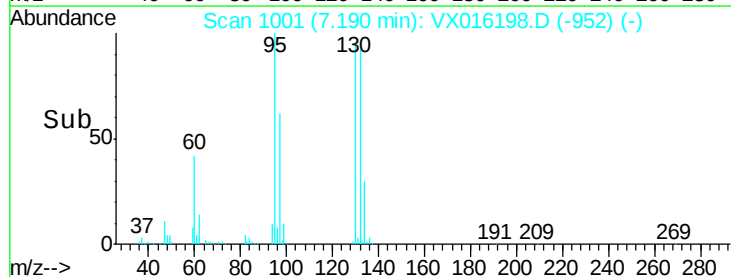
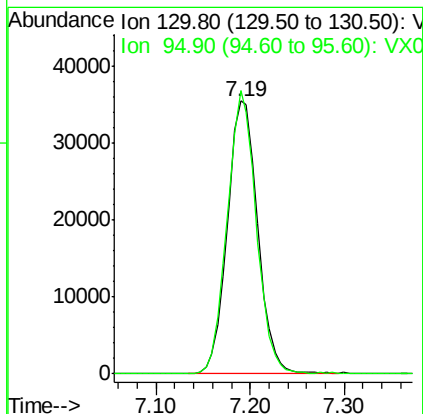
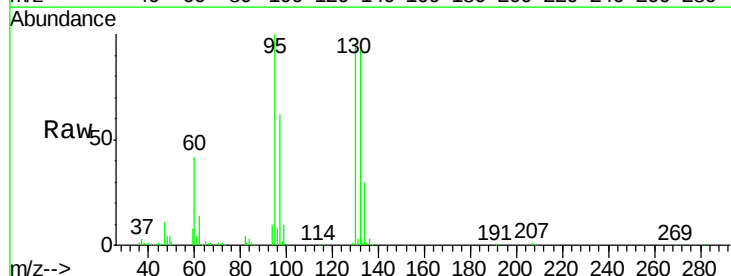
Tot Ion	43	Resp	143340
Ion Ratio	Lower	Upper	
43	100		
61	21.2	17.0	25.4
87	14.4	11.0	16.6

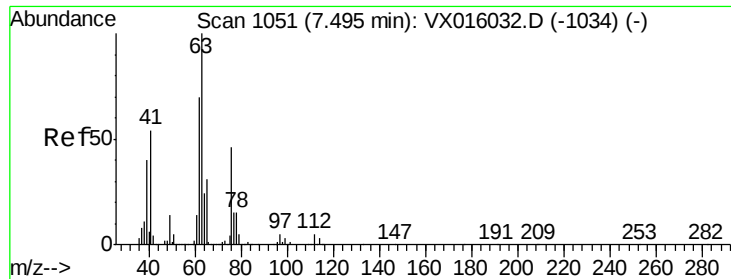


#44

Trichloroethene
 Concen: 17.223 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion	130	Resp	79534
Ion Ratio	Lower	Upper	
130	100		
95	103.7	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.773 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

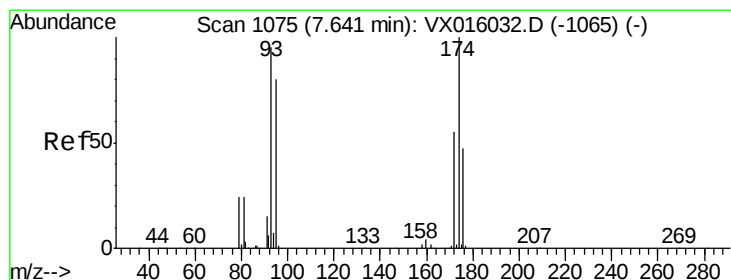
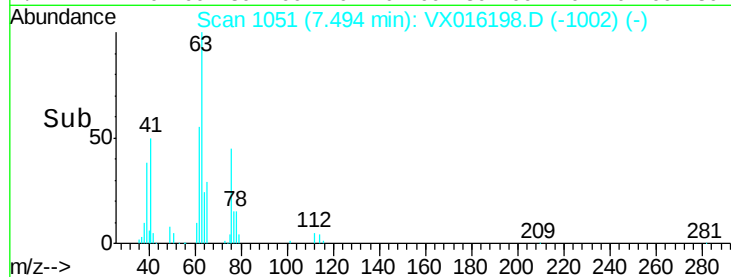
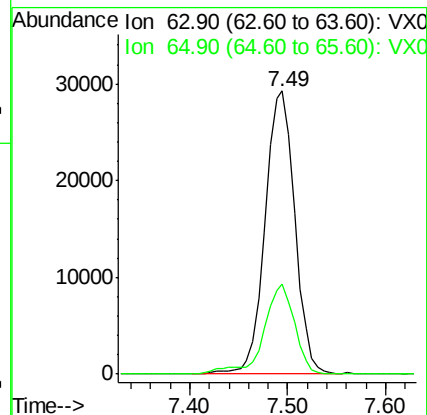
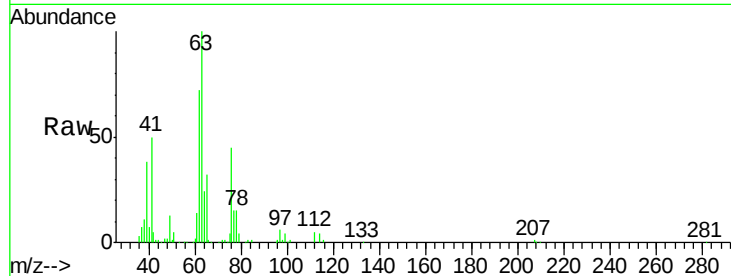
VX0513WBSD02

Tot Ion: 63 Resp: 61747

Ion Ratio Lower Upper

63 100

65 31.7 24.4 36.6



#46

Dibromomethane

Concen: 18.034 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

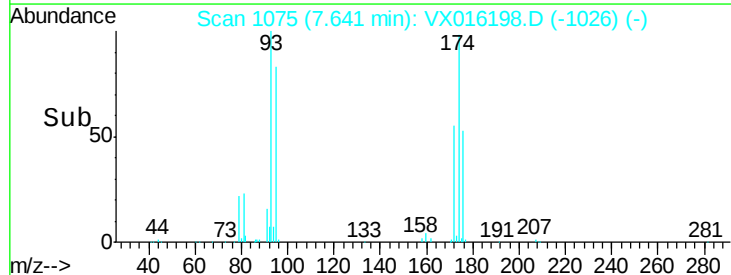
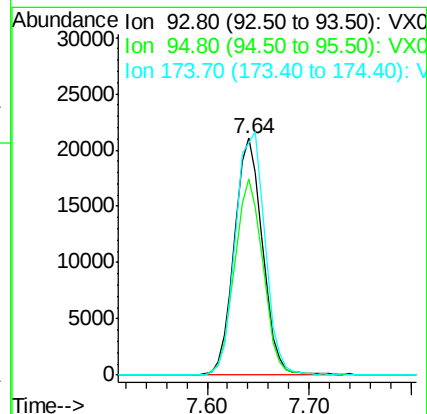
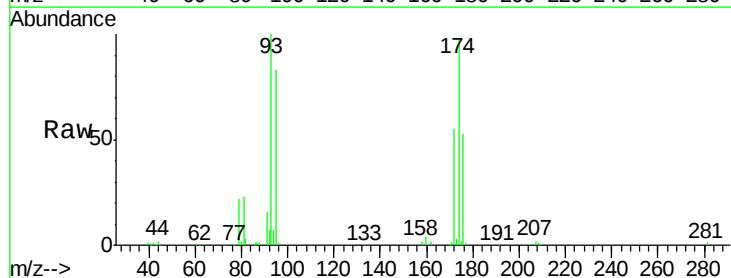
Tgt Ion: 93 Resp: 40310

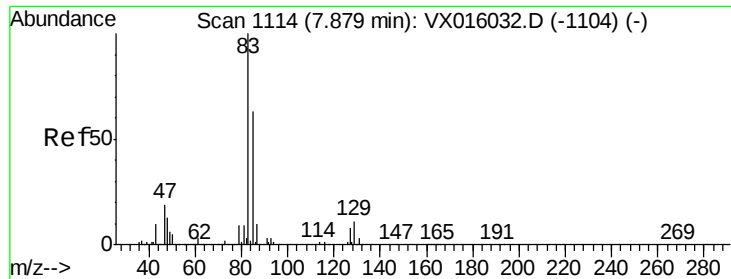
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 107.6 84.2 126.4





#47

Bromodichloromethane

Concen: 18.257 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

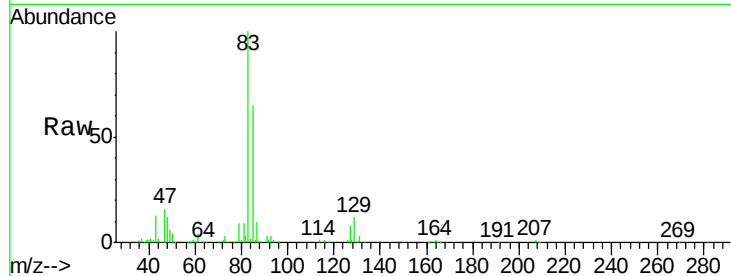
Tot Ion: 83 Resp: 83111

Ion Ratio Lower Upper

83 100

85 64.8 50.5 75.7

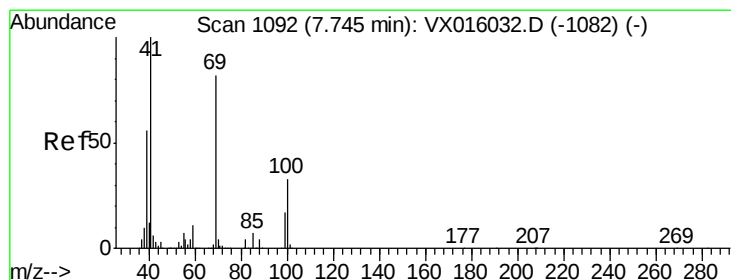
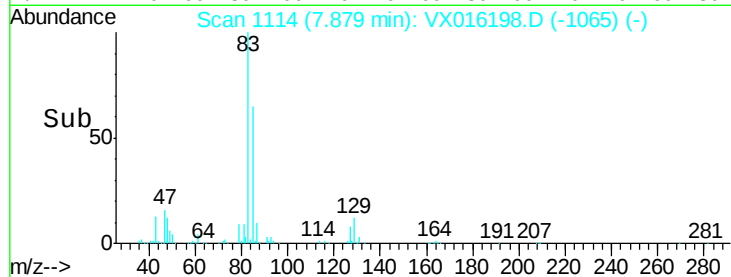
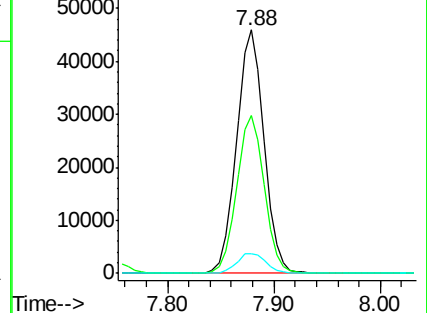
127 8.2 6.7 10.1



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: 17.302 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

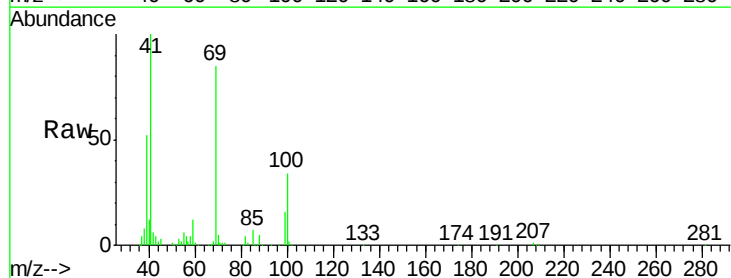
Tgt Ion: 41 Resp: 67355

Ion Ratio Lower Upper

41 100

69 87.5 67.8 101.6

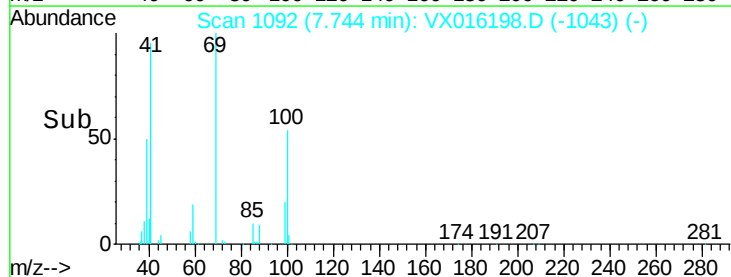
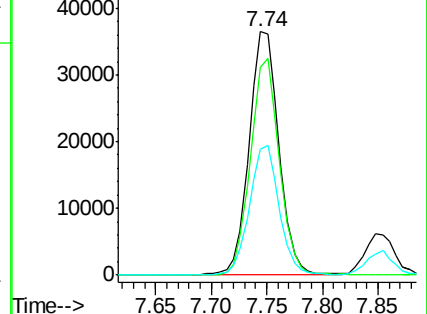
39 52.9 44.6 67.0

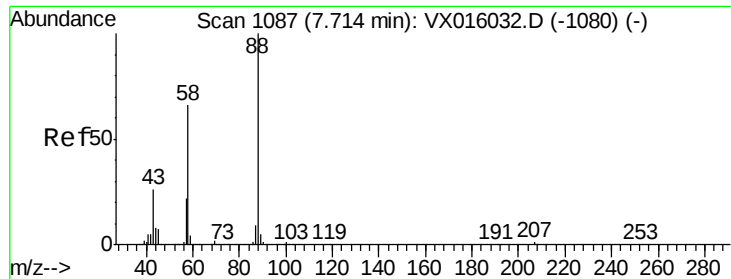


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 345.562 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

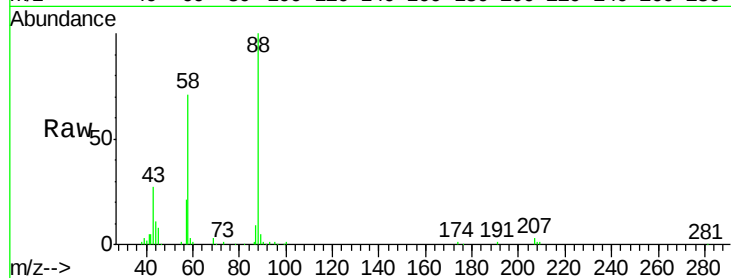
Tot Ion: 88 Resp: 32263

Ion Ratio Lower Upper

88 100

43 31.1 25.3 37.9

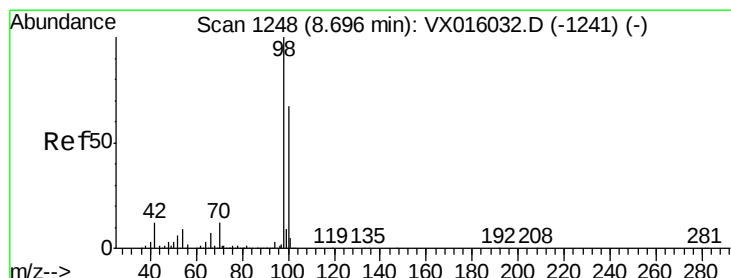
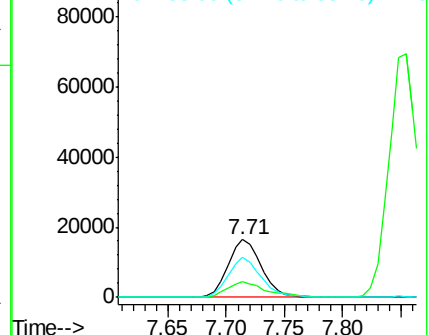
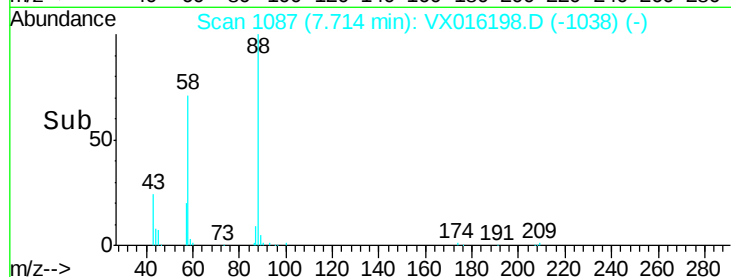
58 69.0 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 46.939 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016198.D

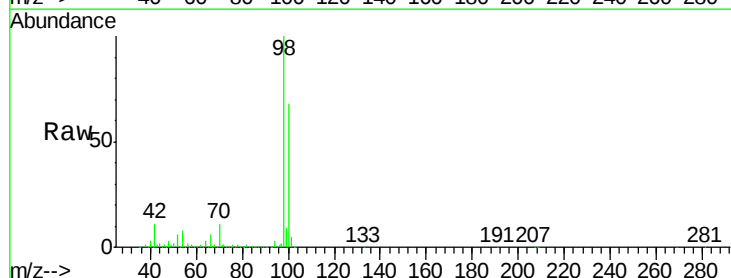
Acq: 13 May 2020 23:23

Tgt Ion: 98 Resp: 517118

Ion Ratio Lower Upper

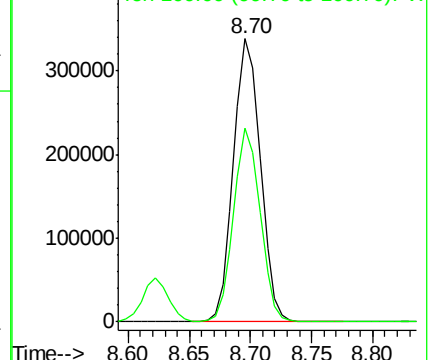
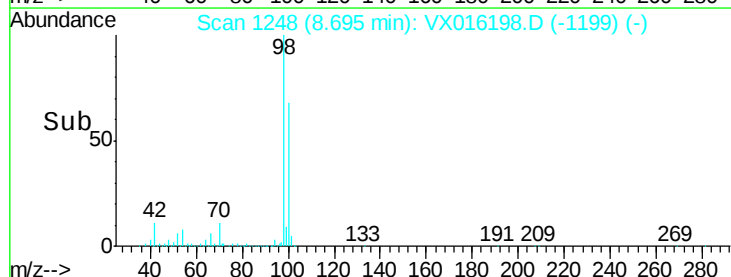
98 100

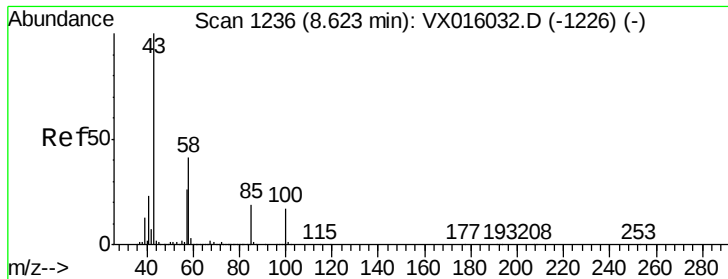
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 89.628 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

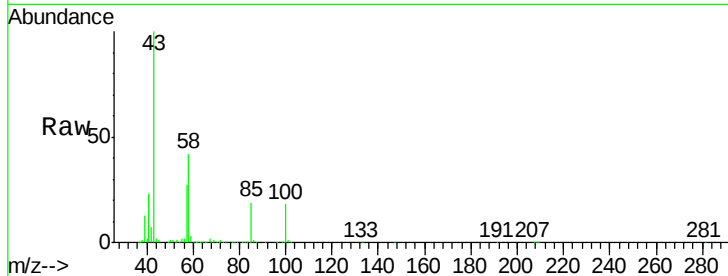
VX0513WBSD02

Tot Ion: 43 Resp: 450591

Ion Ratio Lower Upper

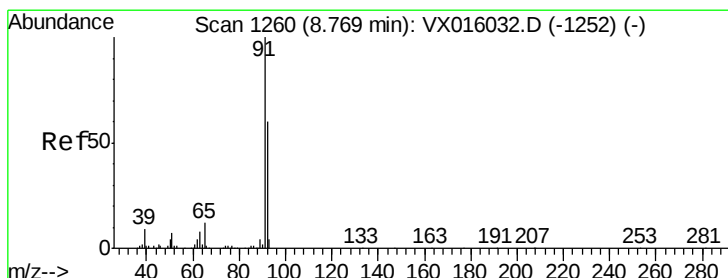
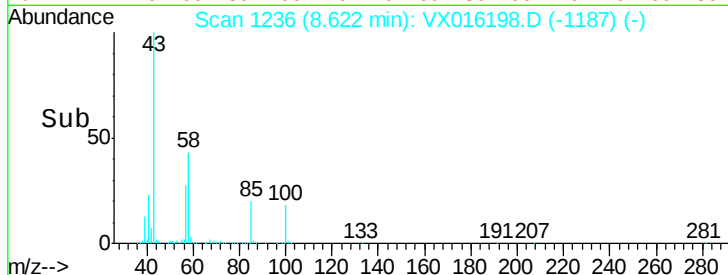
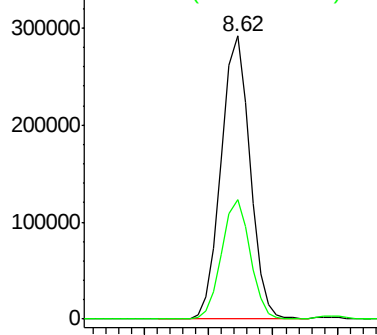
43 100

58 41.9 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.444 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016198.D

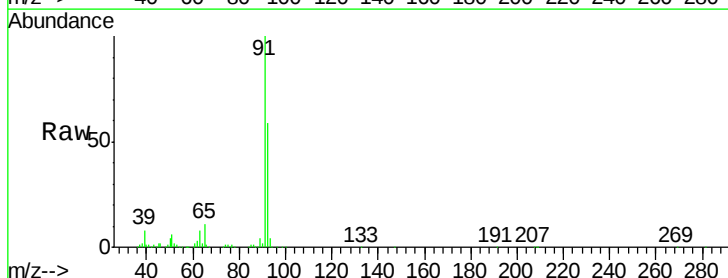
Acq: 13 May 2020 23:23

Tgt Ion: 92 Resp: 149436

Ion Ratio Lower Upper

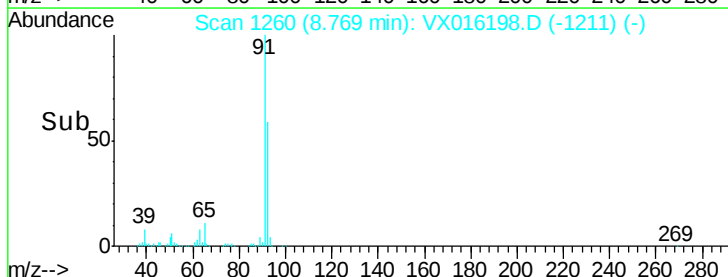
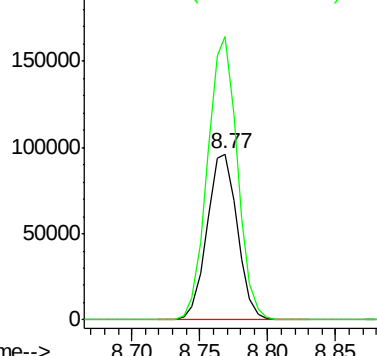
92 100

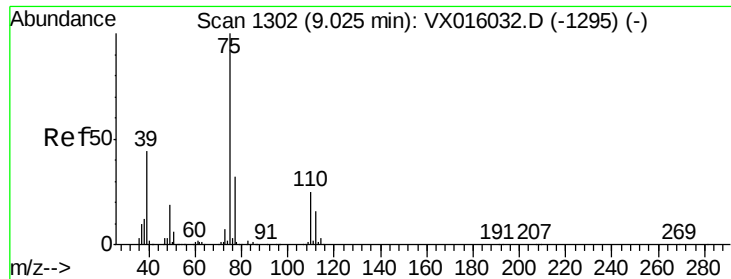
91 168.3 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.386 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

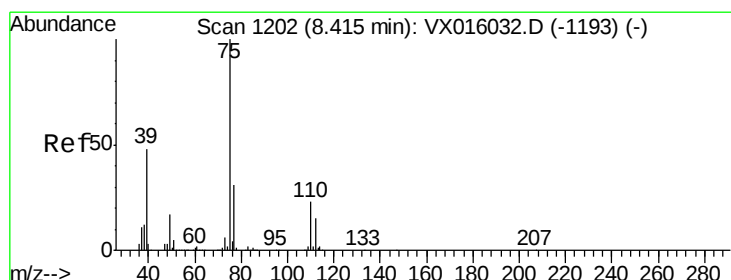
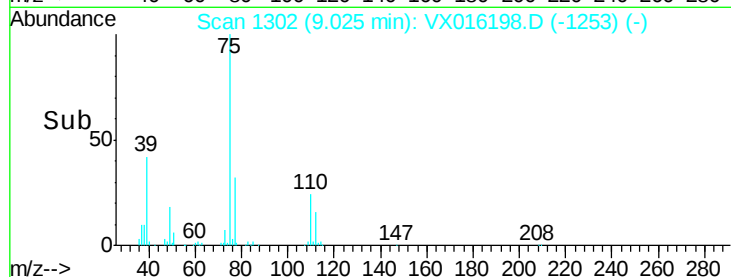
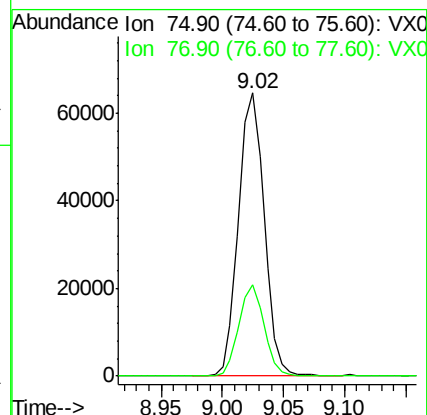
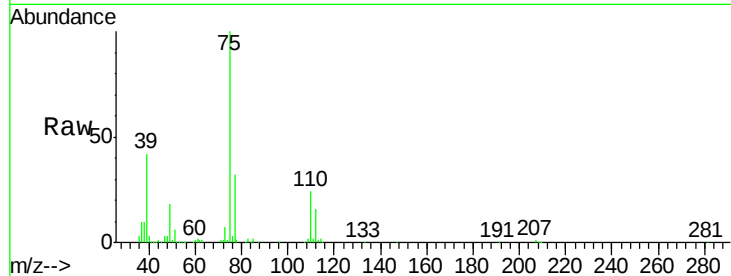
VX0513WBSD02

Tot Ion: 75 Resp: 94368

Ion Ratio Lower Upper

75 100

77 32.2 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 17.532 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

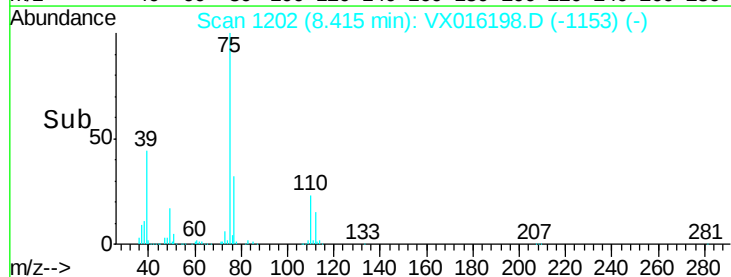
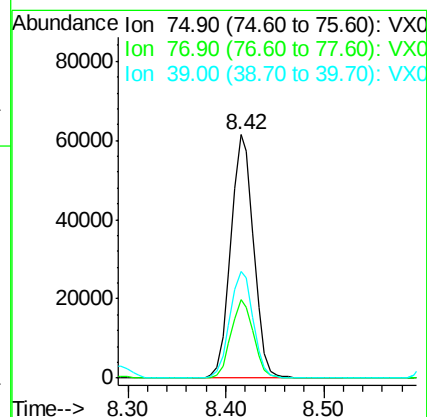
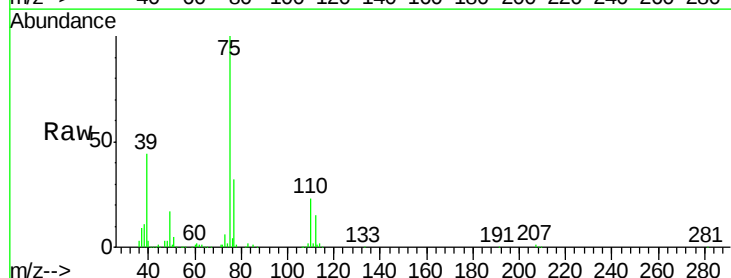
Tgt Ion: 75 Resp: 99394

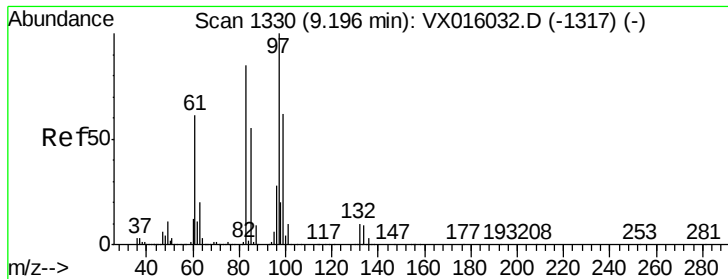
Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

39 43.8 38.7 58.1





#55

1,1,2-Trichloroethane

Concen: 18.455 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

Tot Ion: 97 Resp: 58829

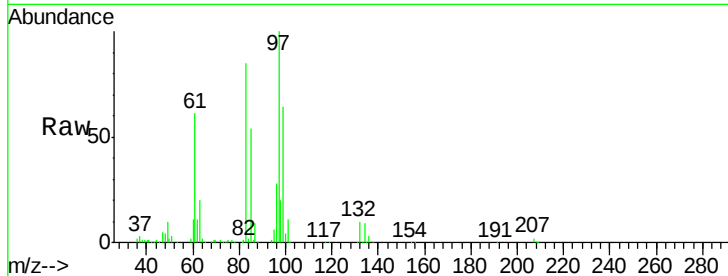
Ion Ratio Lower Upper

97 100

83 84.7 67.8 101.8

85 53.9 43.8 65.8

99 63.3 49.4 74.0

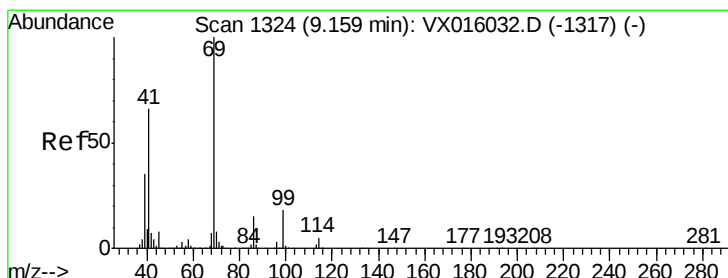
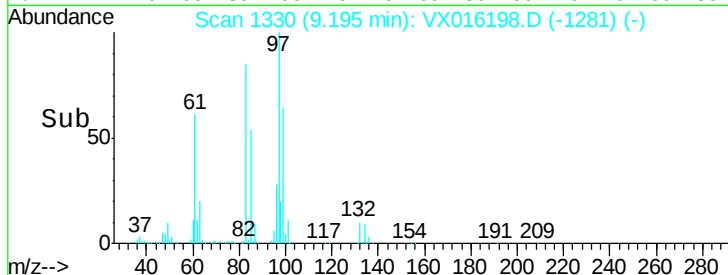
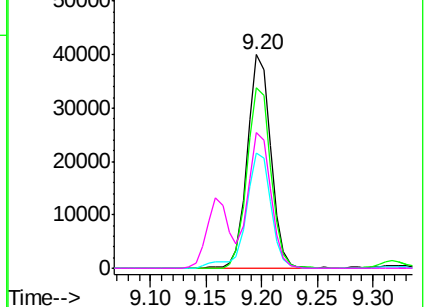


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 18.315 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

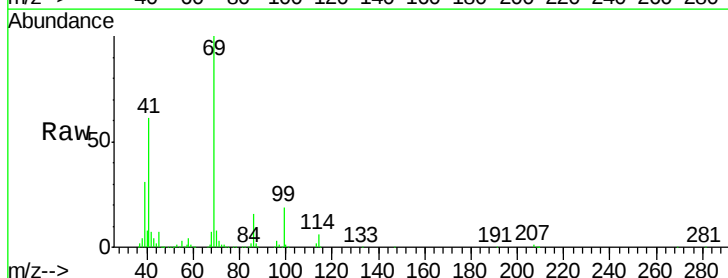
Tgt Ion: 69 Resp: 95301

Ion Ratio Lower Upper

69 100

41 62.0 52.2 78.4

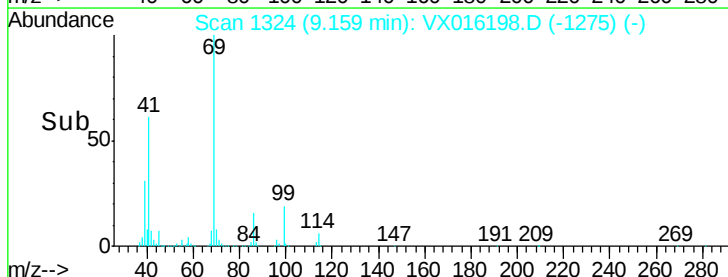
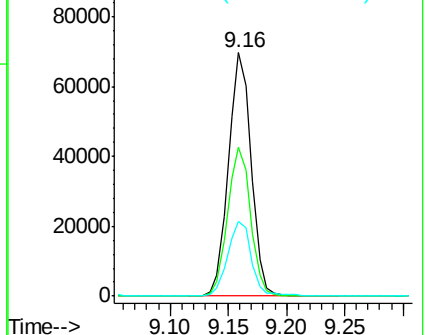
39 32.1 28.2 42.4

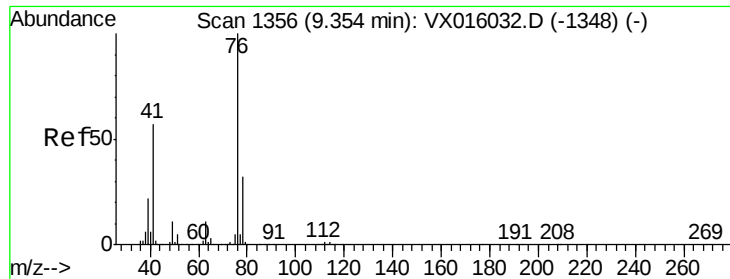


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.688 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

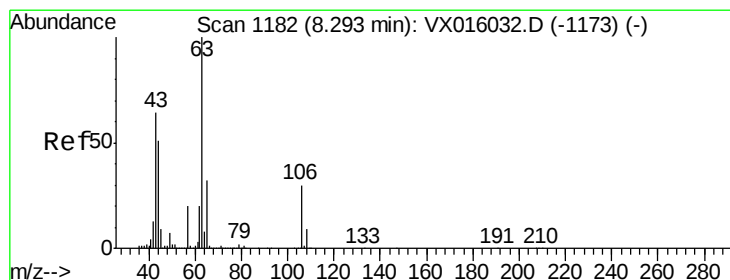
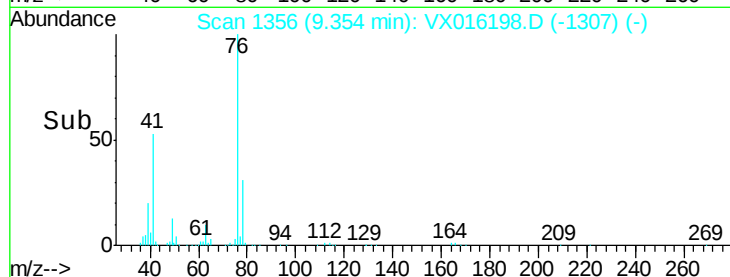
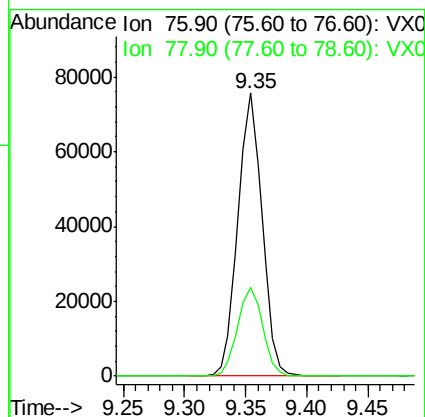
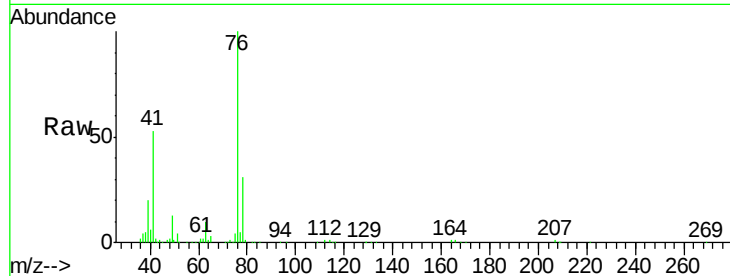
VX0513WBSD02

Tot Ion: 76 Resp: 103945

Ion Ratio Lower Upper

76 100

78 32.6 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 90.675 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016198.D

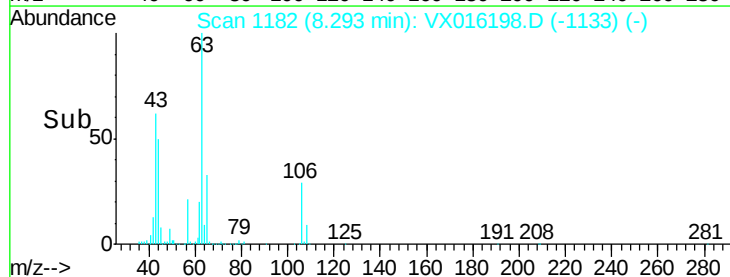
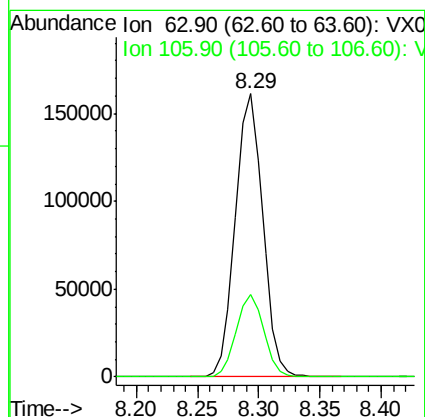
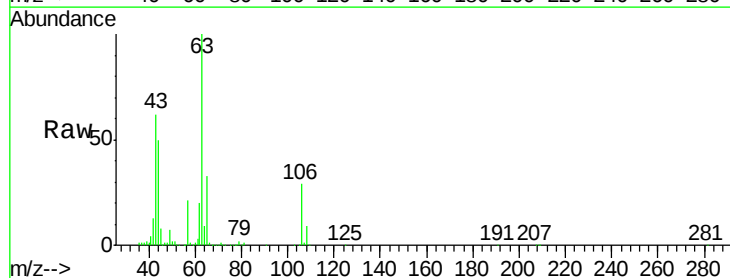
Acq: 13 May 2020 23:23

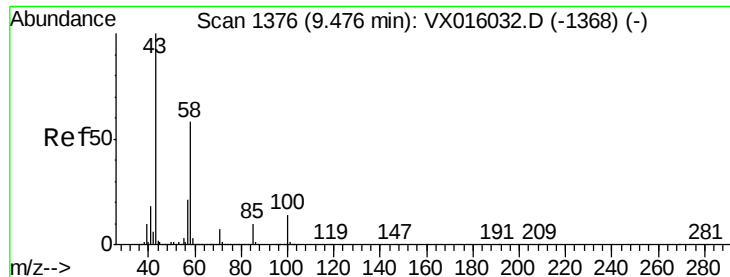
Tgt Ion: 63 Resp: 251181

Ion Ratio Lower Upper

63 100

106 29.5 23.4 35.2

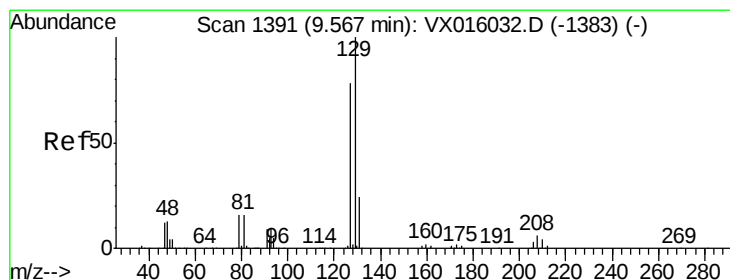
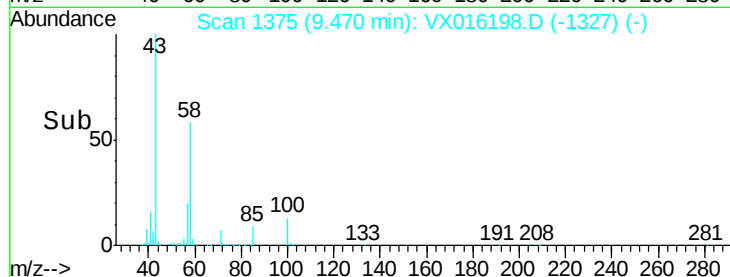
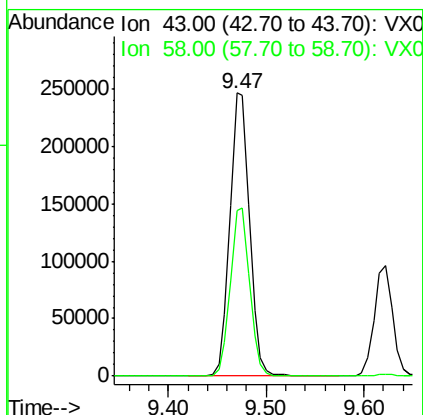
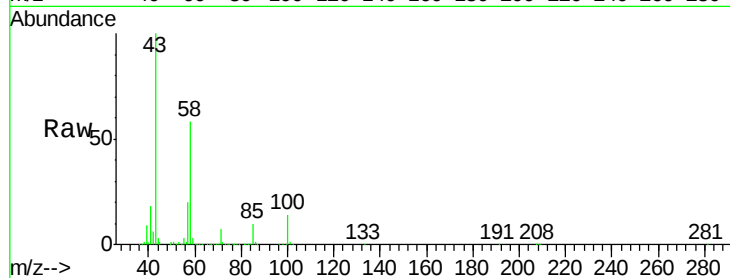




#59
2-Hexanone
Concen: 87.212 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

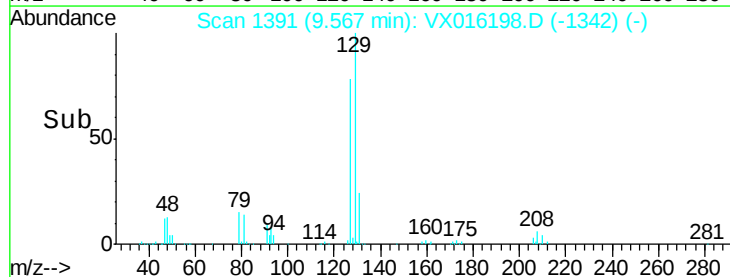
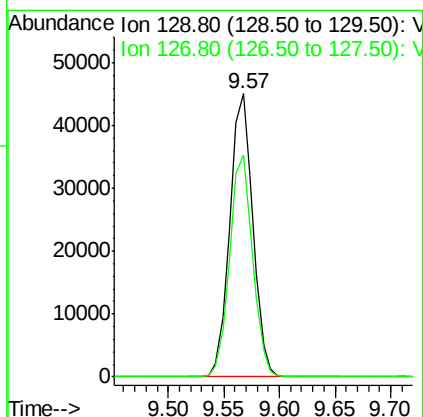
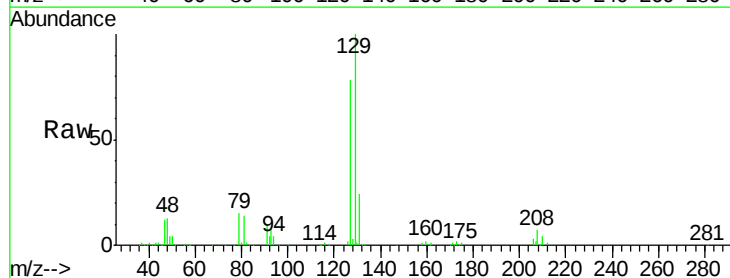
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

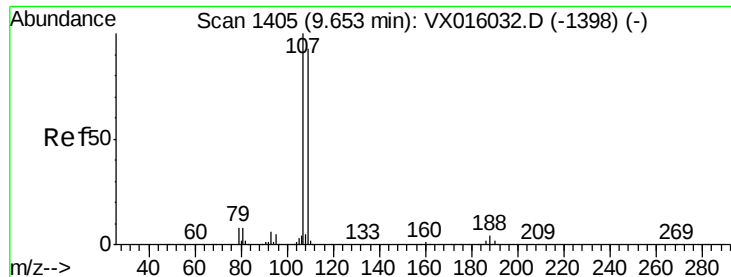
Tot Ion: 43 Resp: 344324
Ion Ratio Lower Upper
43 100
58 58.7 28.6 85.9



#60
Dibromochloromethane
Concen: 18.442 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 129 Resp: 64747
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.423 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

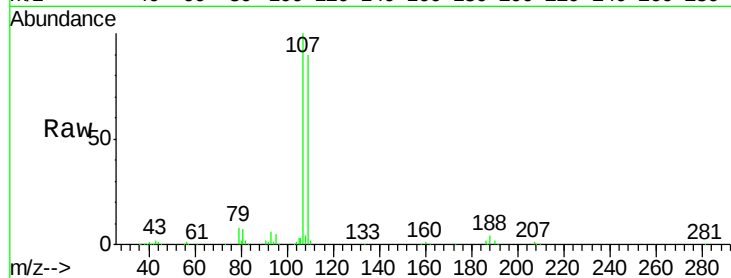
VX0513WBSD02

Tot Ion: 107 Resp: 63611

Ion Ratio Lower Upper

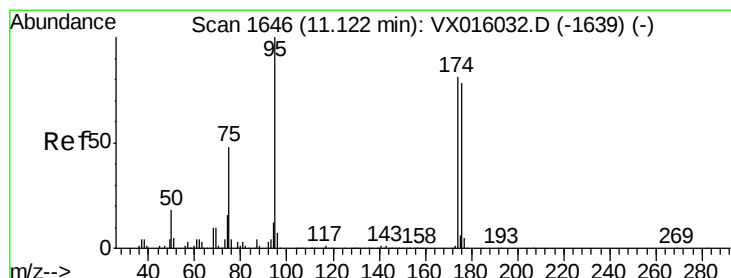
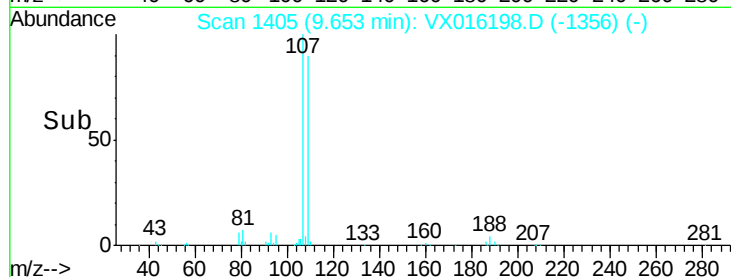
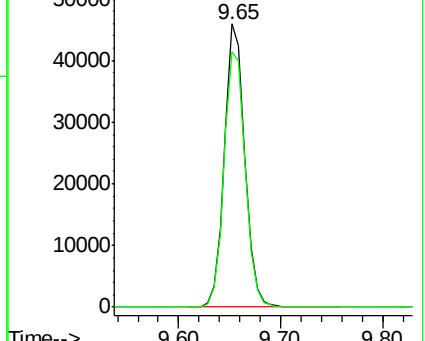
107 100

109 94.2 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.653 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

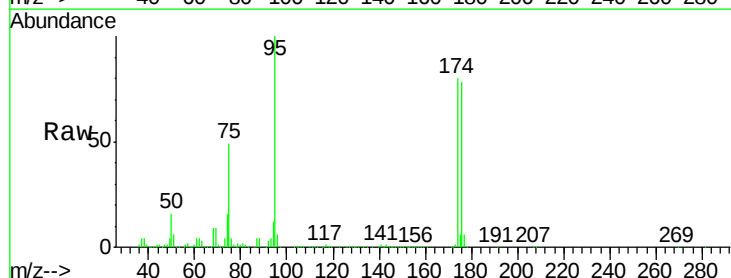
Tgt Ion: 95 Resp: 195491

Ion Ratio Lower Upper

95 100

174 80.6 0.0 159.4

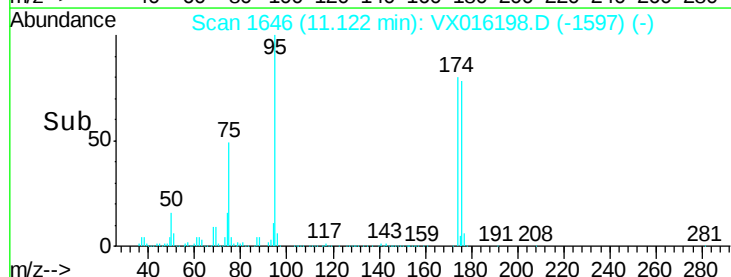
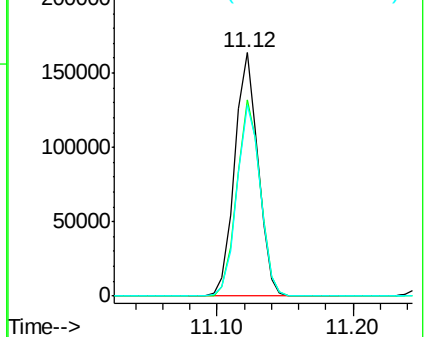
176 79.3 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

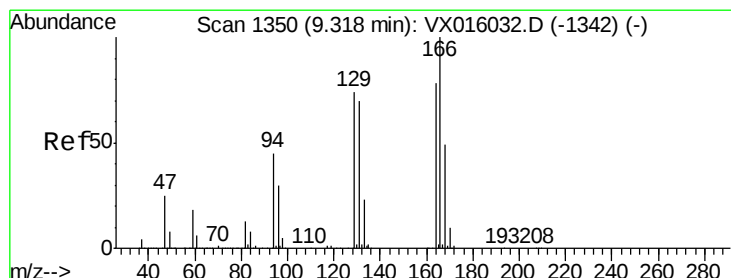
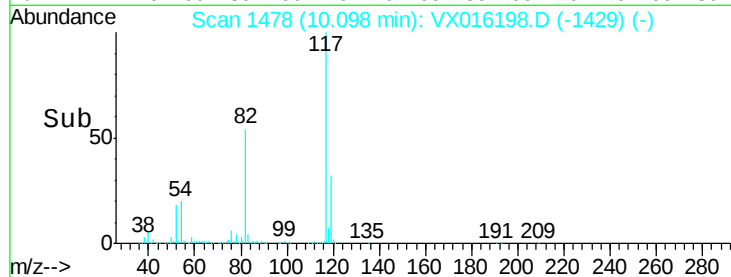
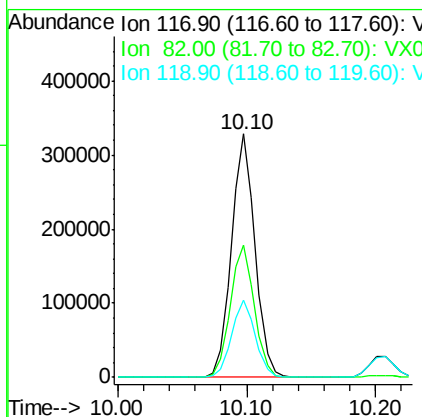
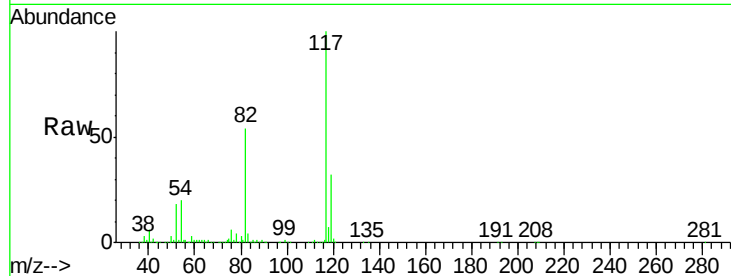




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

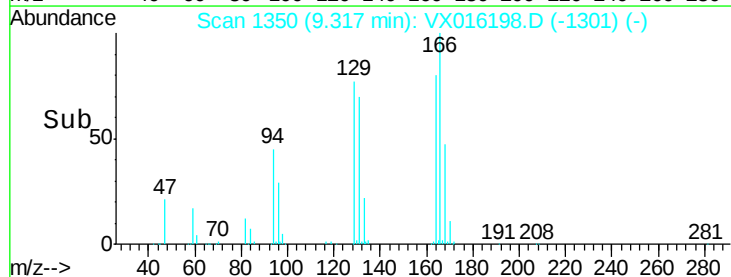
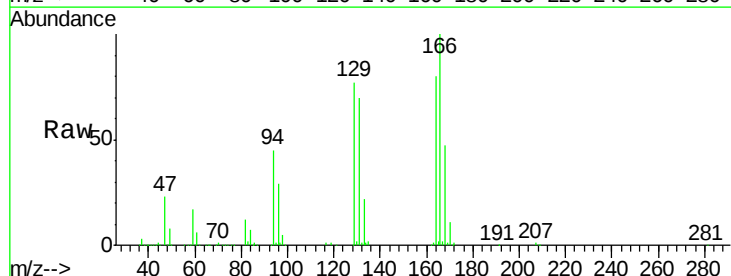
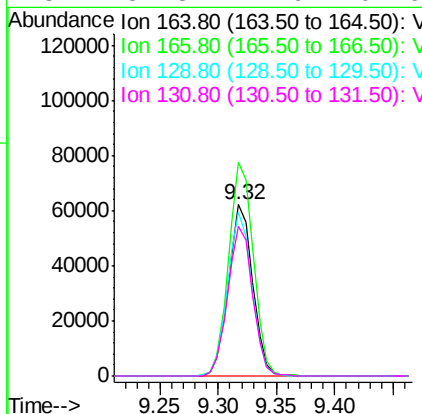
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

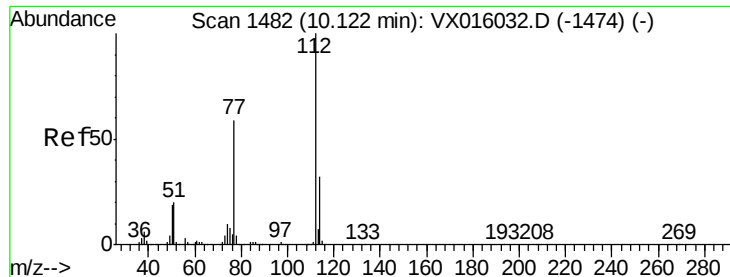
Tot Ion:117 Resp: 419736
Ion Ratio Lower Upper
117 100
82 54.3 44.4 66.6
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 17.548 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion:164 Resp: 90420
Ion Ratio Lower Upper
164 100
166 124.7 102.9 154.3
129 95.6 76.1 114.1
131 87.8 71.9 107.9





#65

Chlorobenzene

Concen: 18.008 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

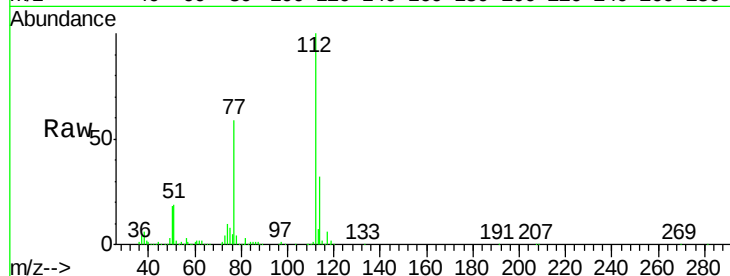
VX0513WBSD02

Tot Ion:112 Resp: 158272

Ion Ratio Lower Upper

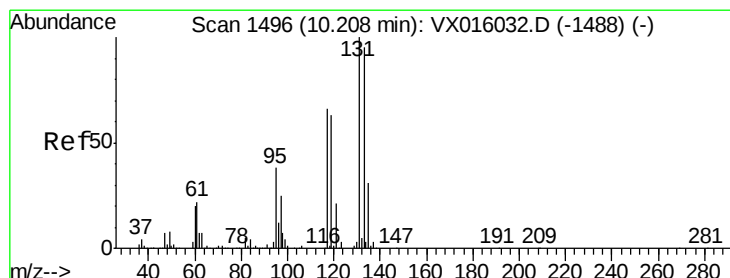
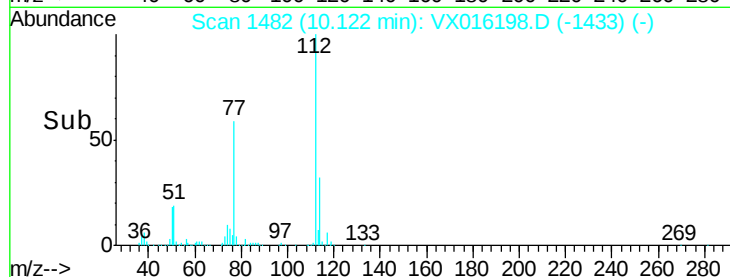
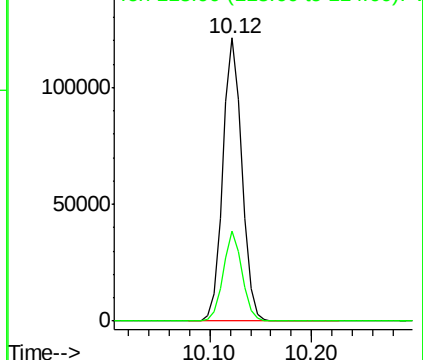
112 100

114 32.0 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.334 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

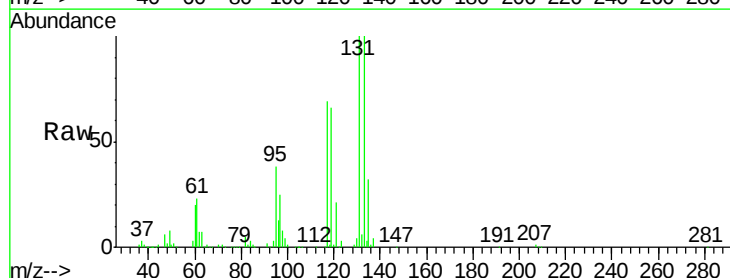
Tgt Ion:131 Resp: 59557

Ion Ratio Lower Upper

131 100

133 97.2 48.3 144.8

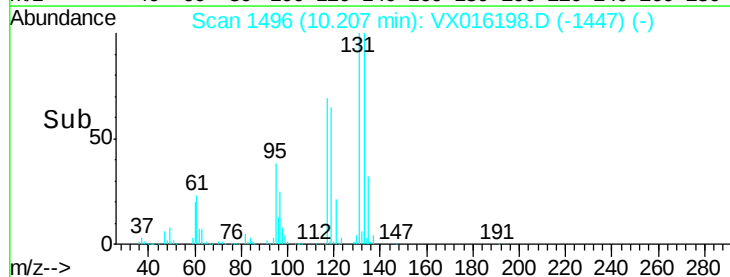
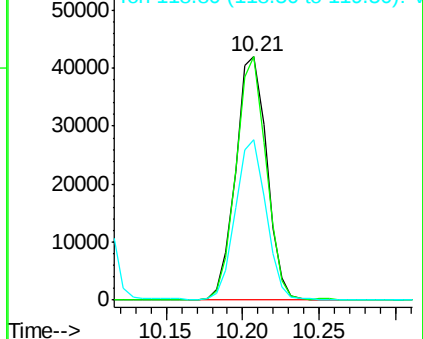
119 65.0 32.3 96.9

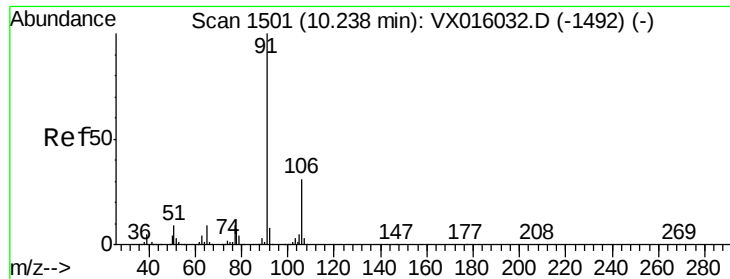


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

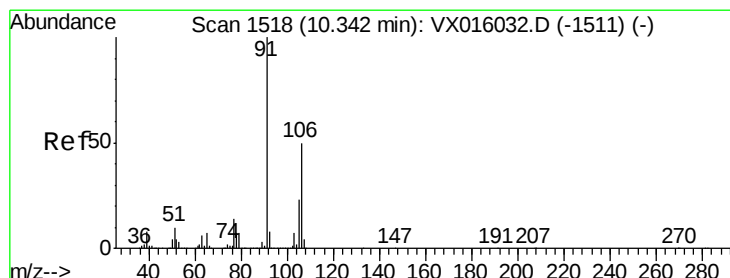
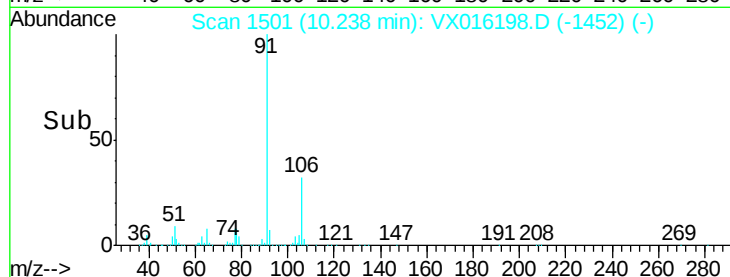
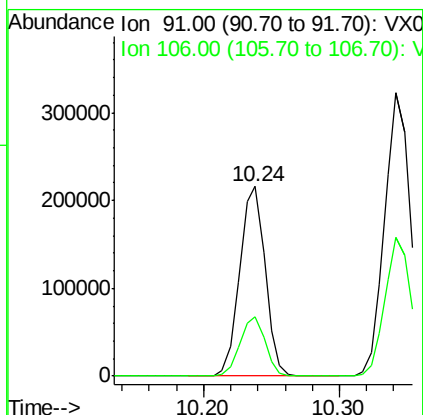
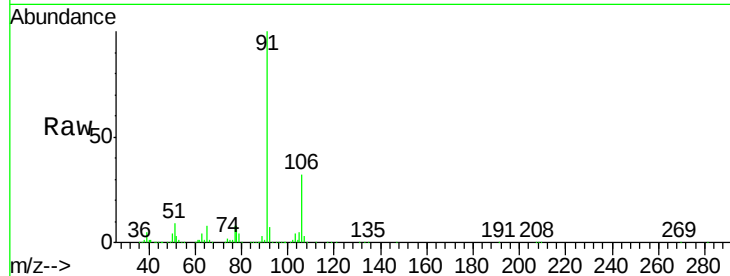




#67
Ethyl Benzene
Concen: 18.014 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

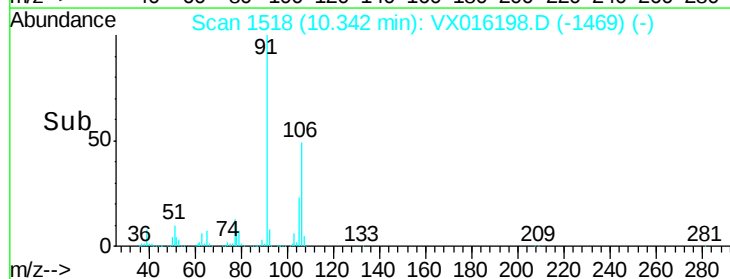
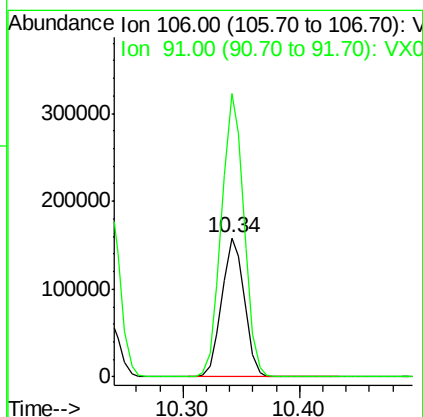
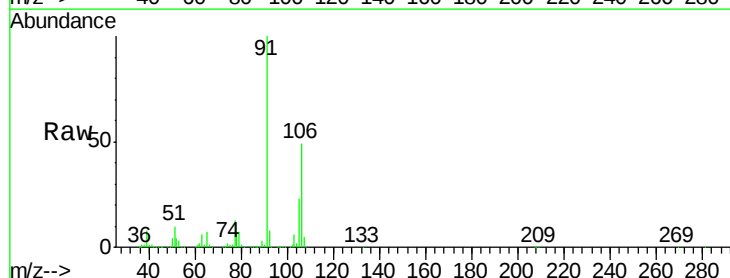
Instrument :
MSVOA_X
ClientSampled :
VX0513WBSD02

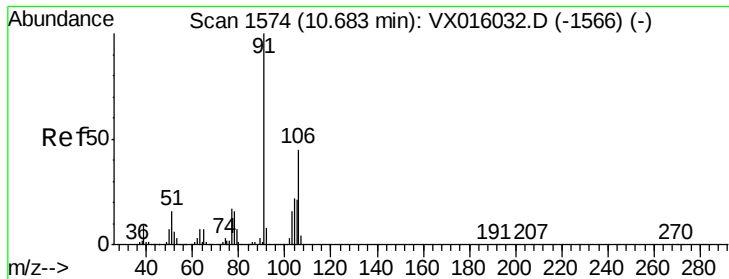
Tot Ion: 91 Resp: 282488
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 36.049 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion: 106 Resp: 211799
Ion Ratio Lower Upper
106 100
91 203.1 161.7 242.5

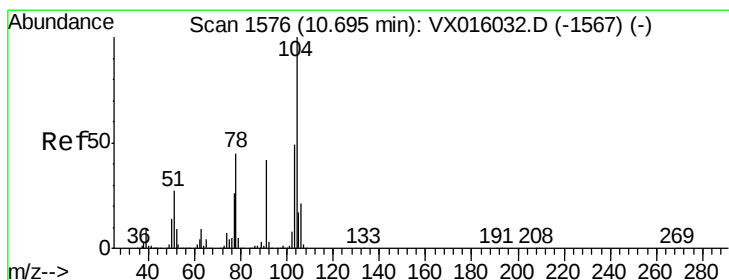
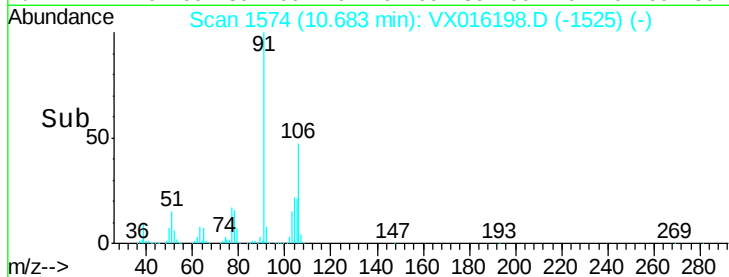
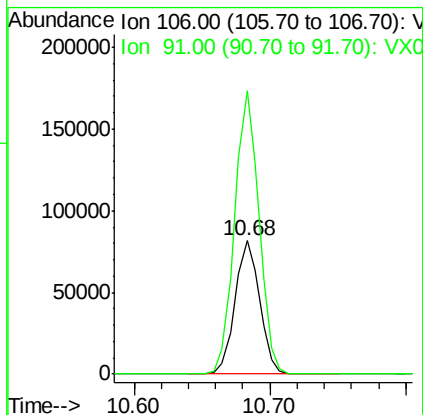
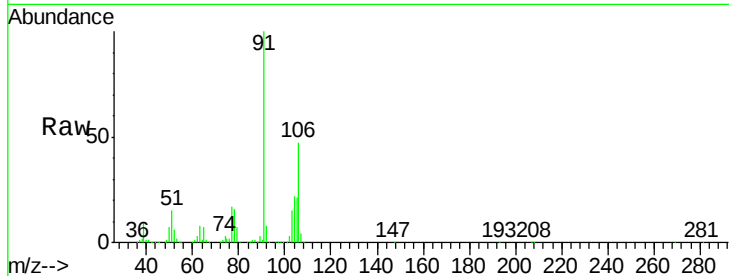




#69
o-Xylene
Concen: 18.160 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

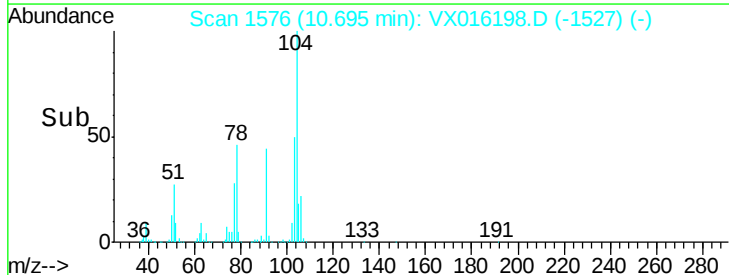
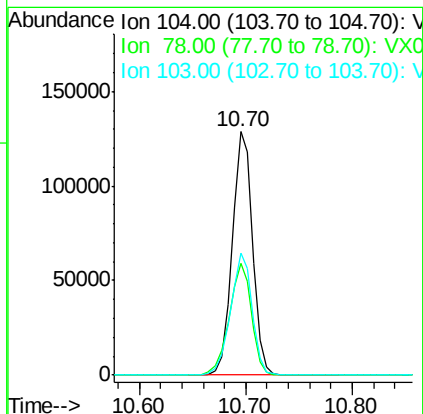
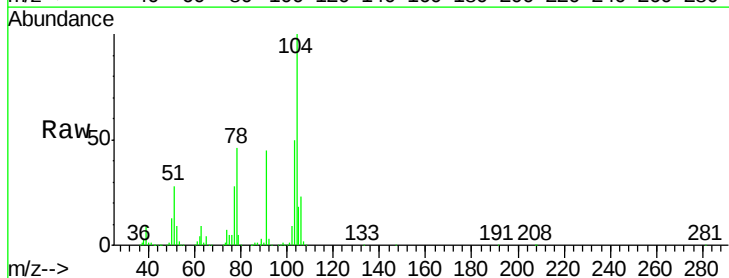
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD02

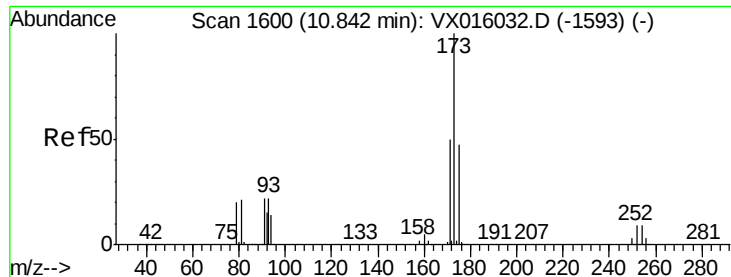
Tot Ion:106 Resp: 102558
Ion Ratio Lower Upper
106 100
91 210.5 107.5 322.6



#70
Styrene
Concen: 17.959 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016198.D
Acq: 13 May 2020 23:23

Tgt Ion:104 Resp: 172064
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 53.4 43.0 64.6





#71

Bromoform

Concen: 18.343 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

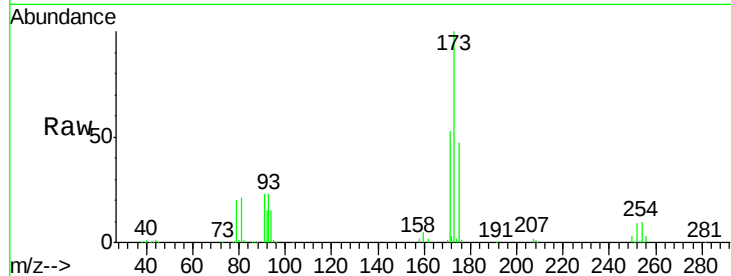
Tot Ion:173 Resp: 48545

Ion Ratio Lower Upper

173 100

175 47.8 24.0 72.0

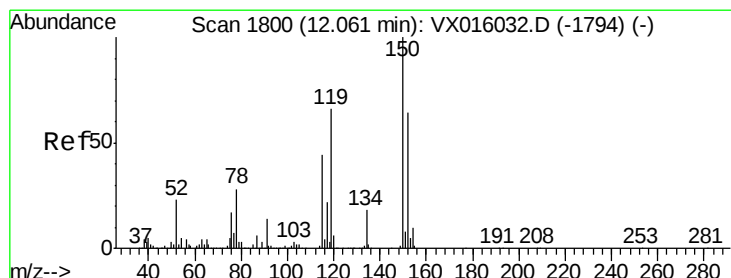
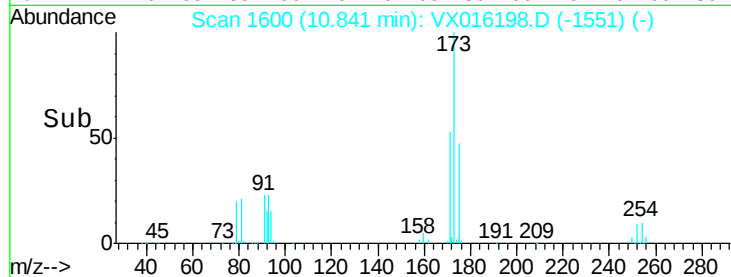
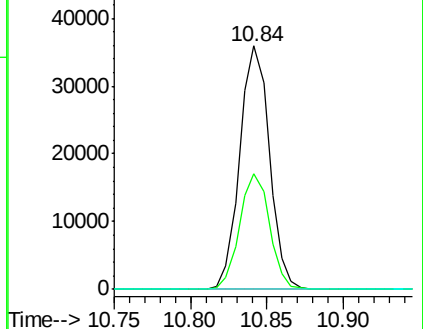
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

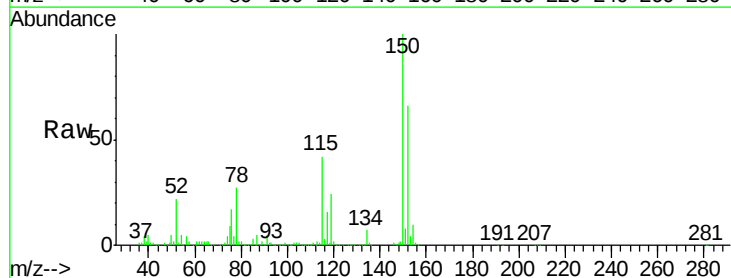
Tgt Ion:152 Resp: 212408

Ion Ratio Lower Upper

152 100

115 66.6 41.3 124.1

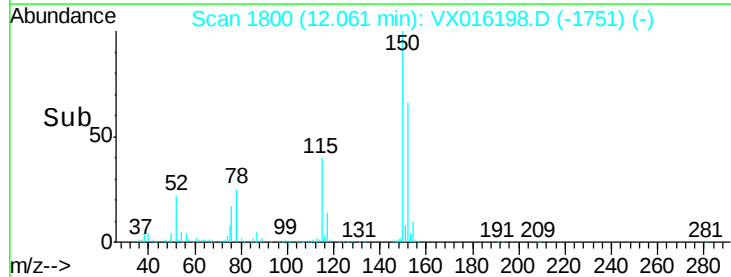
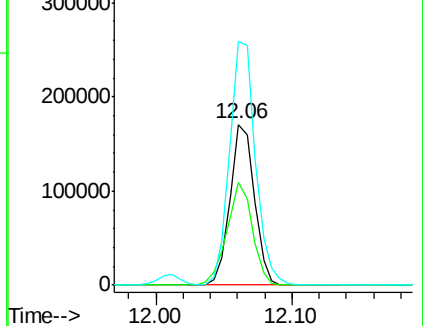
150 161.1 0.0 352.2



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: 17.802 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

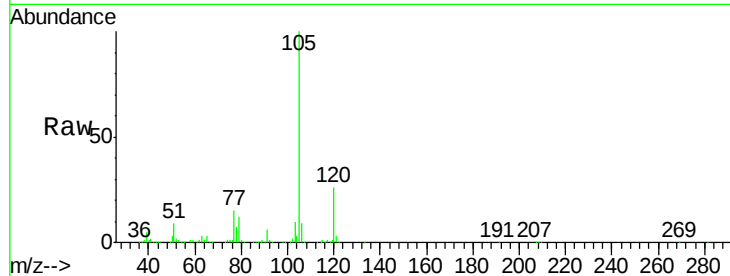
VX0513WBSD02

Tot Ion:105 Resp: 275022

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

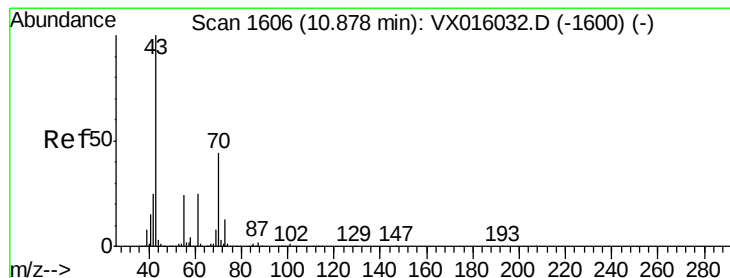
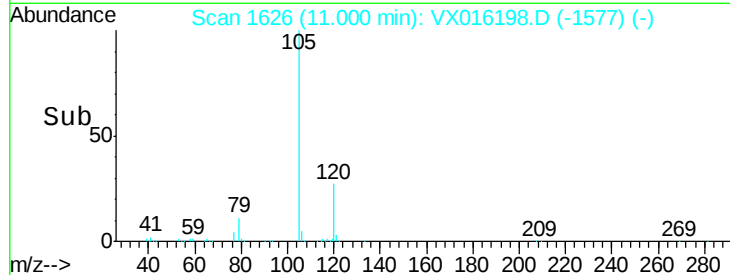
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 16.476 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Tgt Ion: 43 Resp: 118730

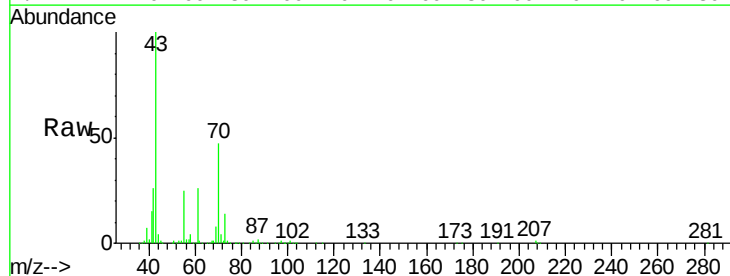
Ion Ratio Lower Upper

43 100

70 47.1 36.5 54.7

55 26.1 19.7 29.5

61 26.2 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

150000

100000

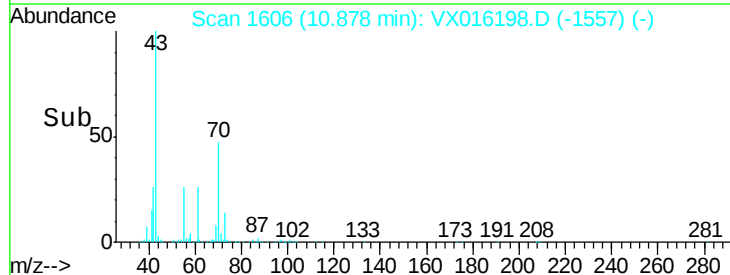
50000

0

10.88

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.312 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

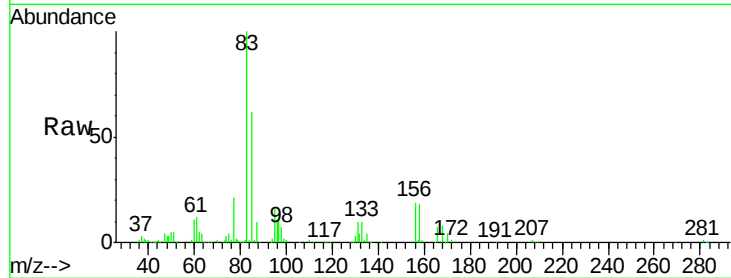
Tot Ion: 83 Resp: 57623

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

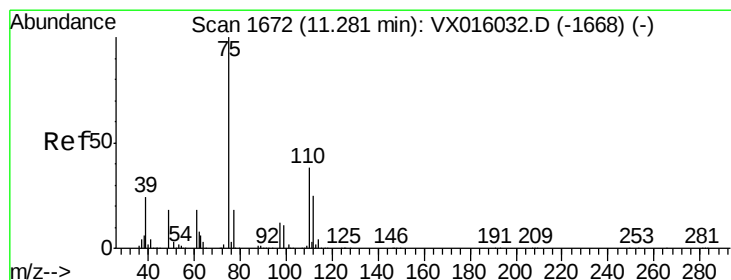
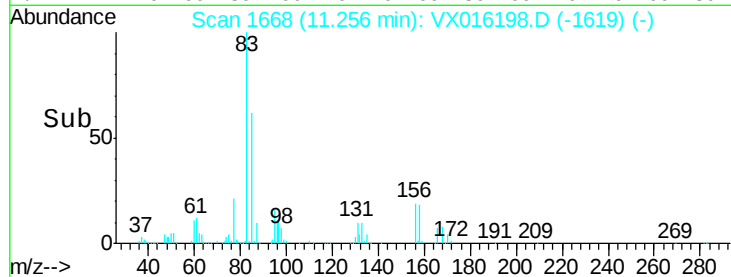
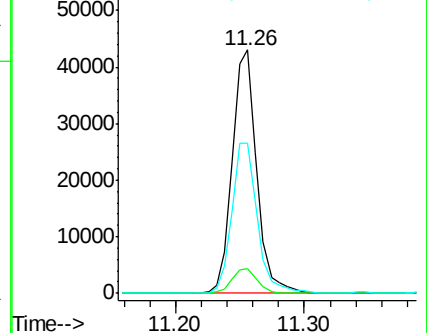
85 64.6 32.0 96.0



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: 17.506 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016198.D

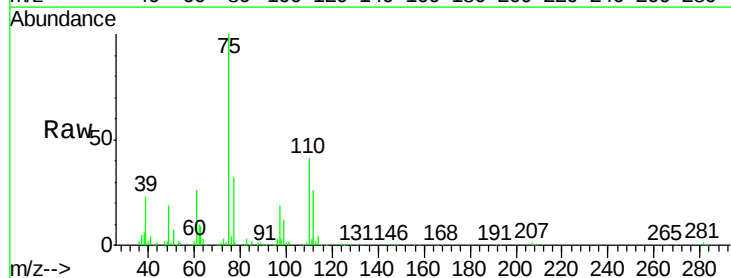
Acq: 13 May 2020 23:23

Tgt Ion: 75 Resp: 84381

Ion Ratio Lower Upper

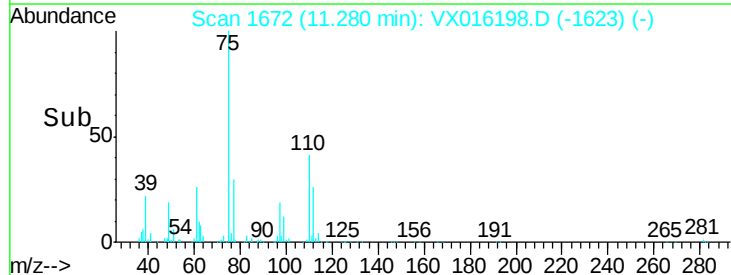
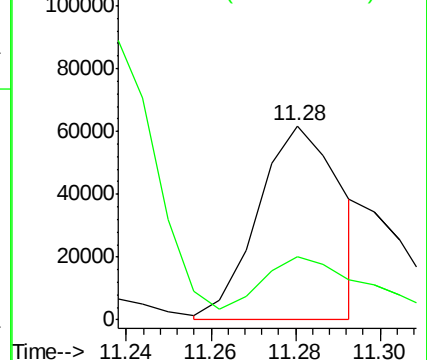
75 100

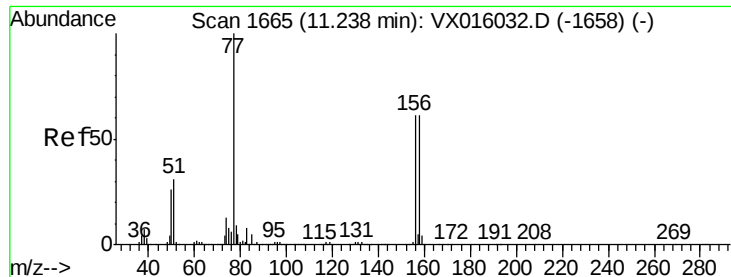
77 42.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.294 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

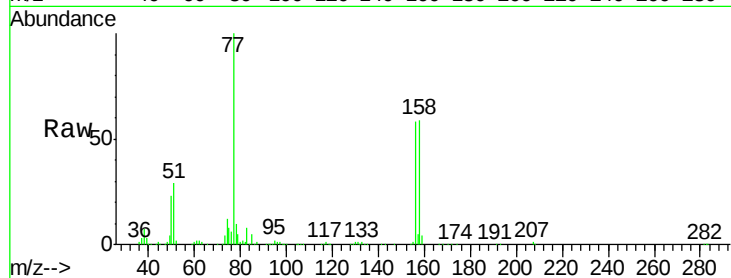
Tot Ion:156 Resp: 68963

Ion Ratio Lower Upper

156 100

77 164.1 80.1 240.3

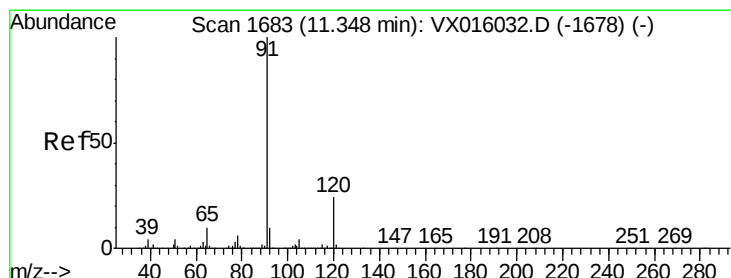
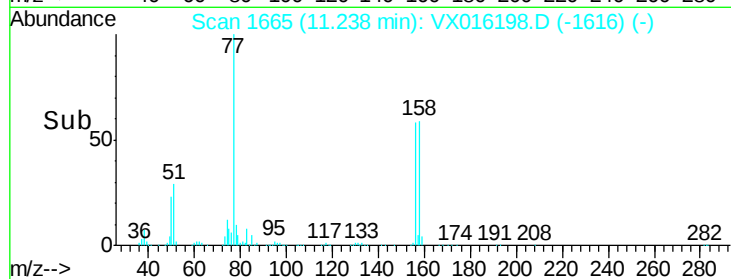
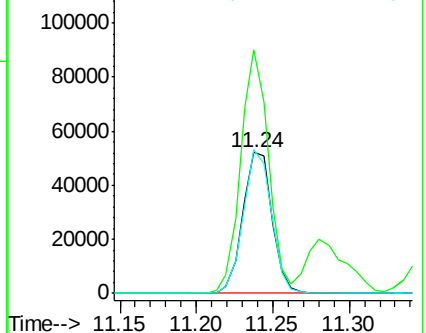
158 98.3 49.4 148.2



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: 17.245 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016198.D

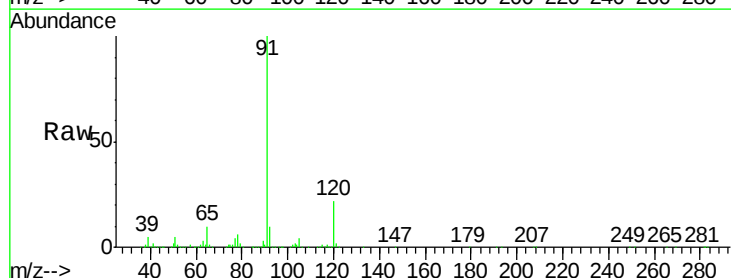
Acq: 13 May 2020 23:23

Tgt Ion: 91 Resp: 309952

Ion Ratio Lower Upper

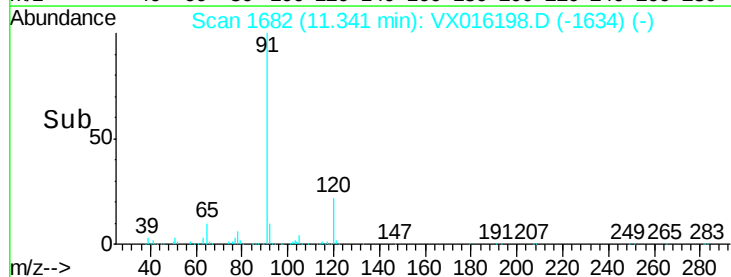
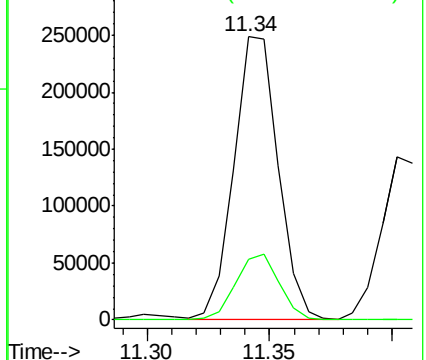
91 100

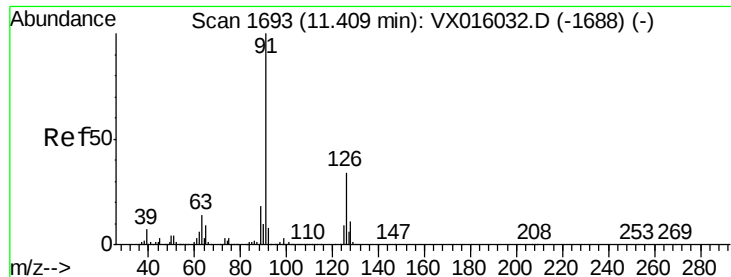
120 23.1 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.585 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

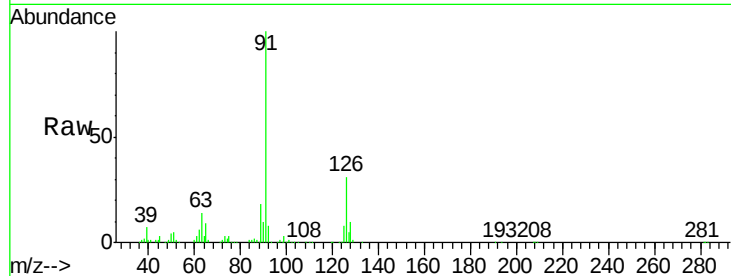
VX0513WBSD02

Tot Ion: 91 Resp: 186561

Ion Ratio Lower Upper

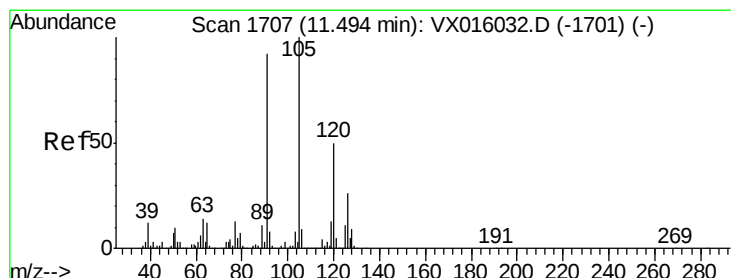
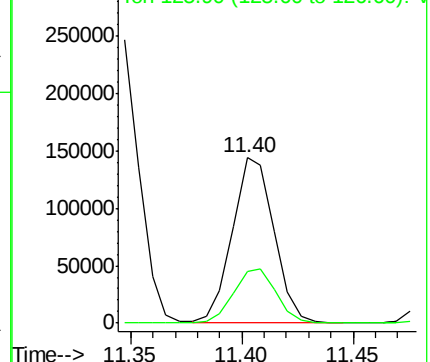
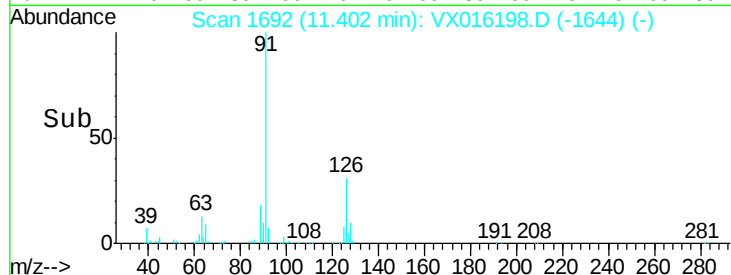
91 100

126 33.4 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.465 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016198.D

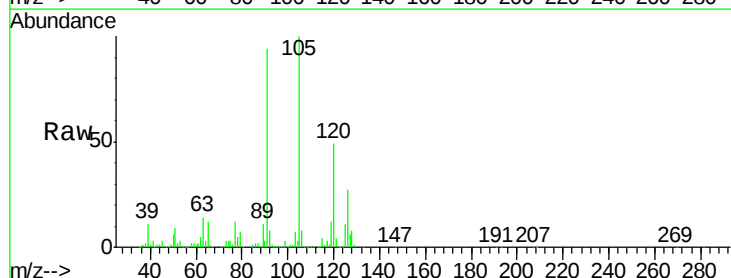
Acq: 13 May 2020 23:23

Tgt Ion: 105 Resp: 227819

Ion Ratio Lower Upper

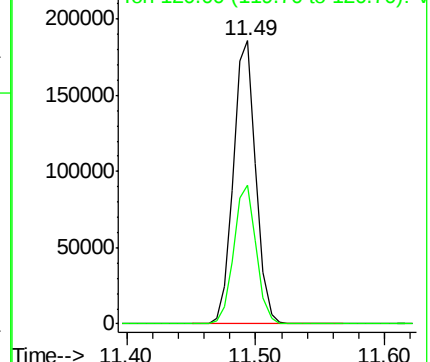
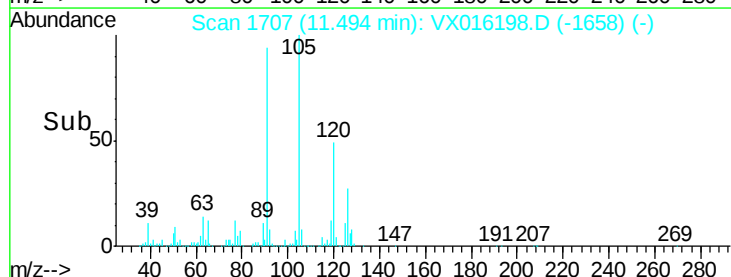
105 100

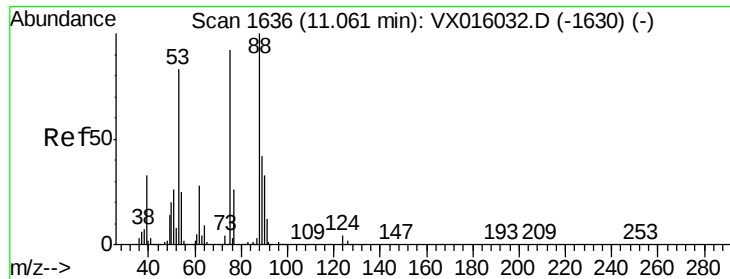
120 49.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.751 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

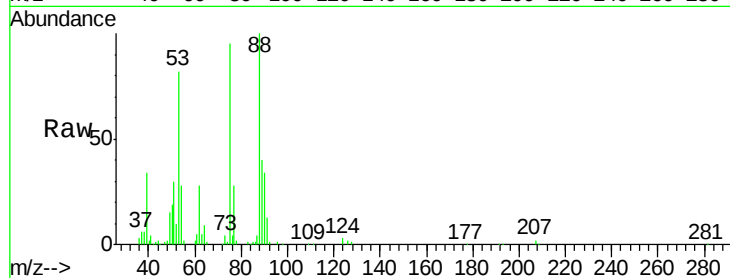
Tot Ion: 75 Resp: 31859

Ion Ratio Lower Upper

75 100

53 89.2 73.1 109.7

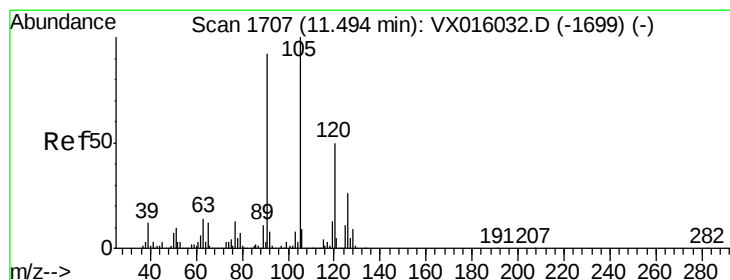
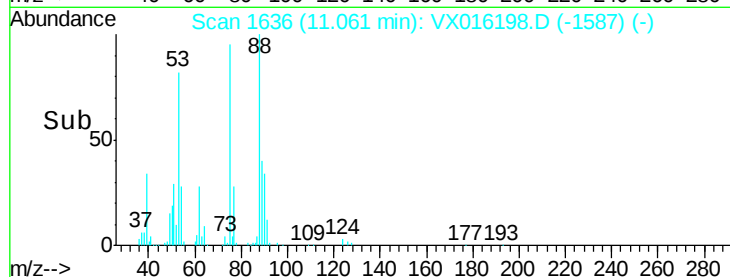
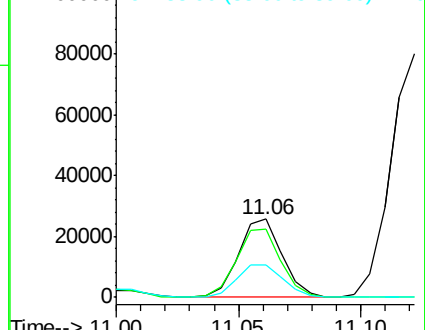
89 44.6 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.511 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016198.D

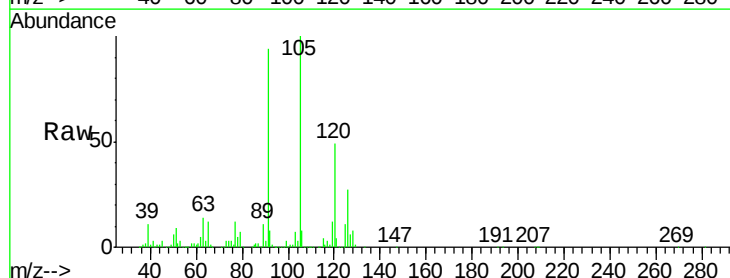
Acq: 13 May 2020 23:23

Tgt Ion: 91 Resp: 219379

Ion Ratio Lower Upper

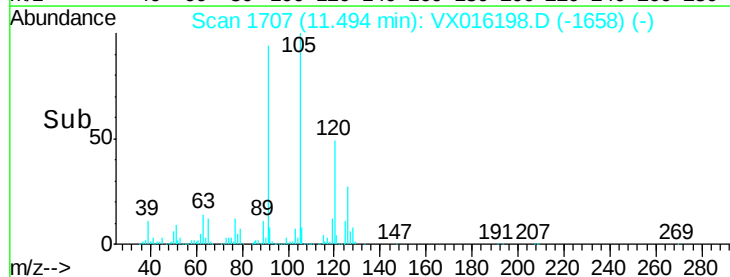
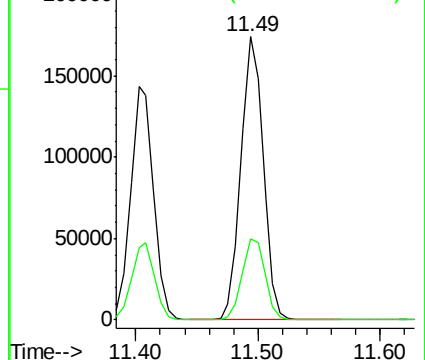
91 100

126 29.4 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 17.306 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

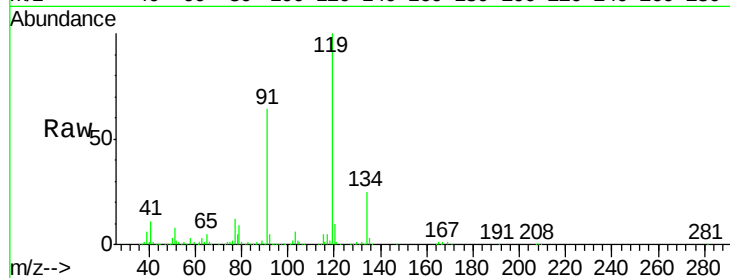
Tot Ion:119 Resp: 194550

Ion Ratio Lower Upper

119 100

91 63.9 32.8 98.4

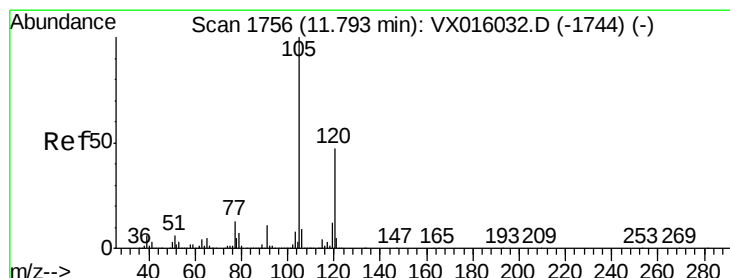
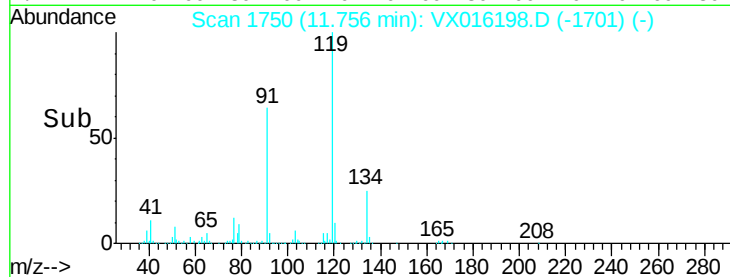
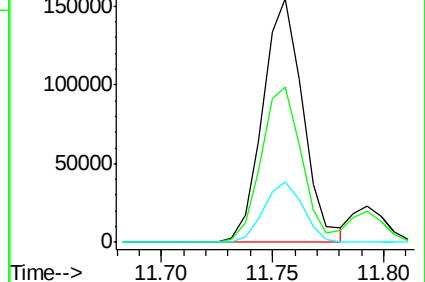
134 24.4 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.418 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016198.D

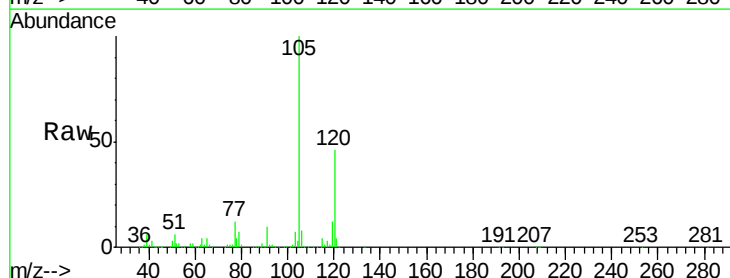
Acq: 13 May 2020 23:23

Tgt Ion:105 Resp: 229707

Ion Ratio Lower Upper

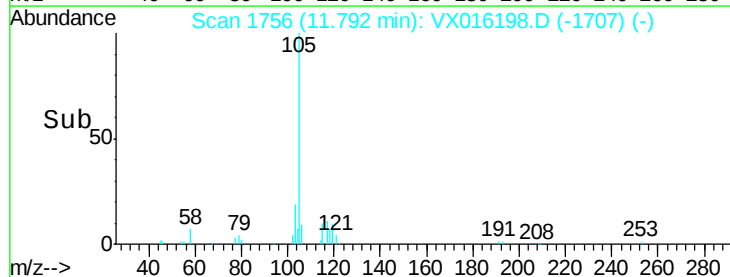
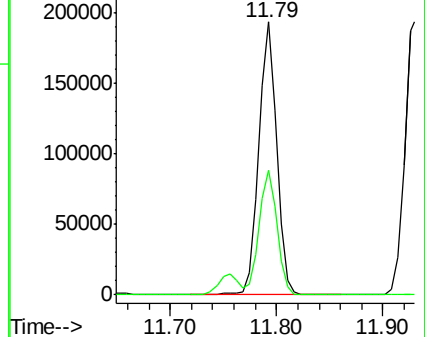
105 100

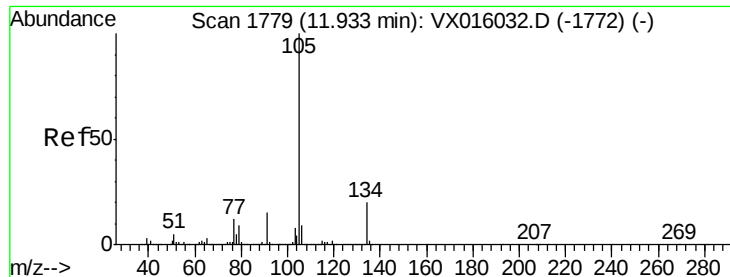
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

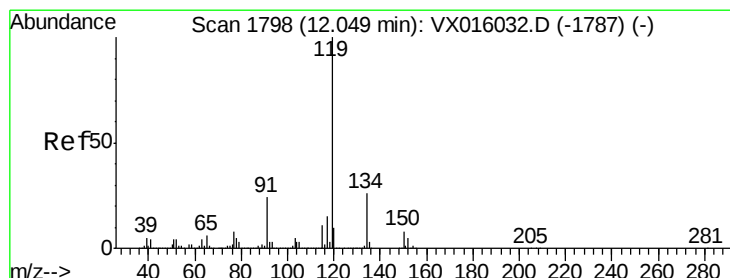
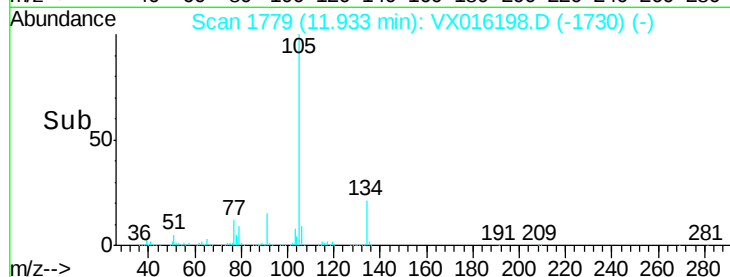
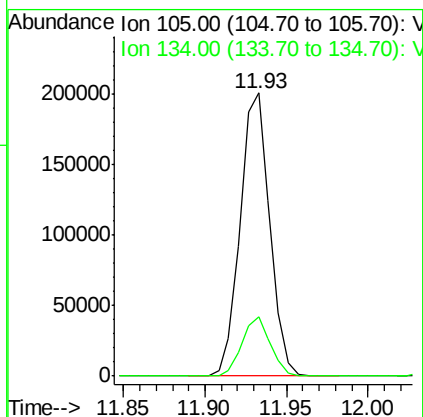
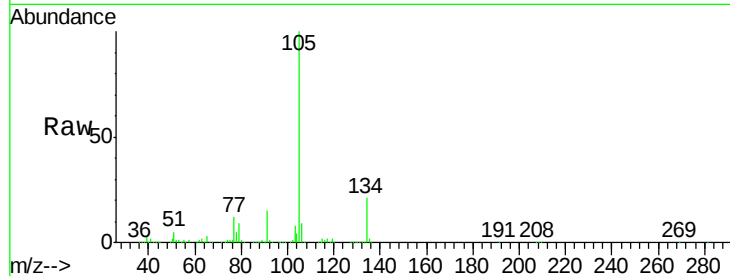




#85
 sec-Butylbenzene
 Concen: 16.646 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

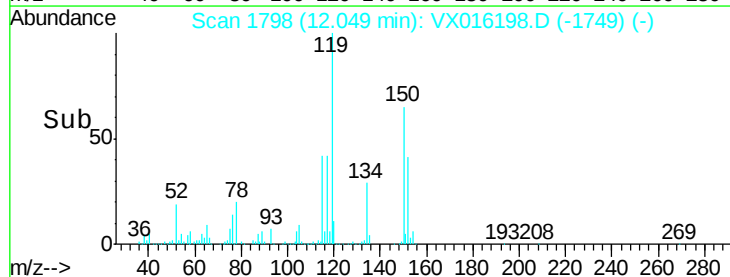
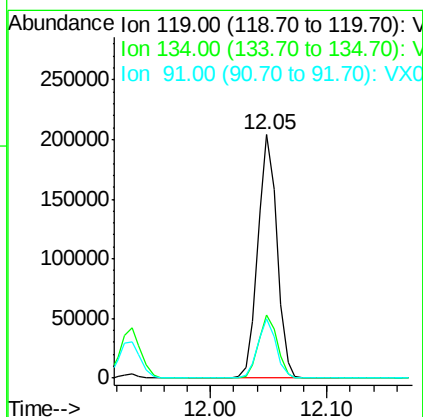
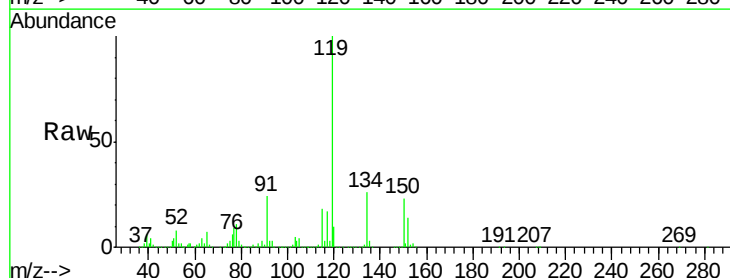
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

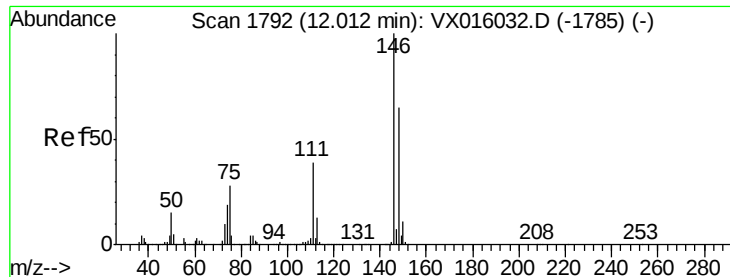
Tot Ion:105 Resp: 252655
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 16.593 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion:119 Resp: 233830
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.8 11.8 35.4

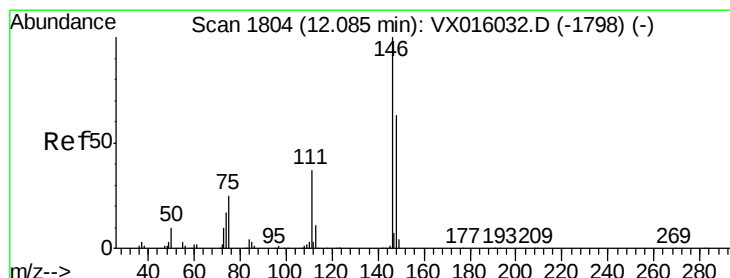
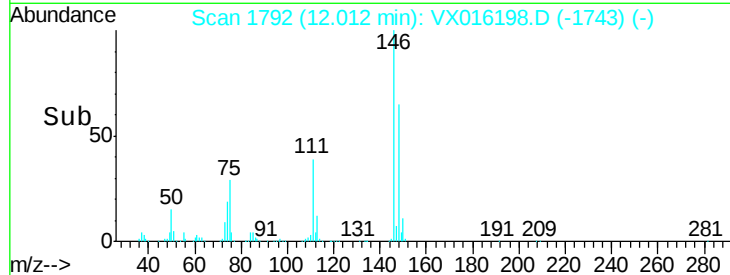
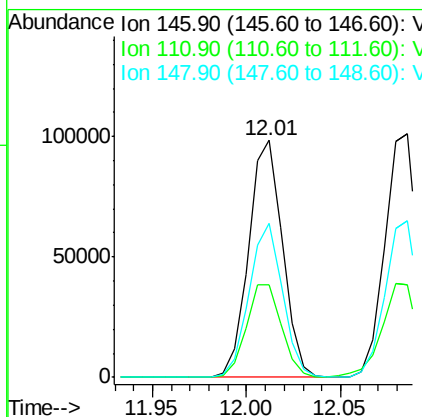
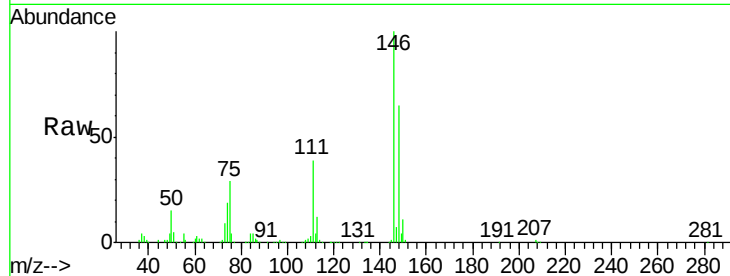




#87
 1,3-Dichlorobenzene
 Concen: 17.155 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

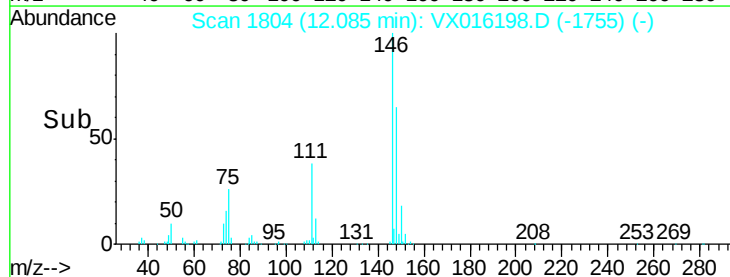
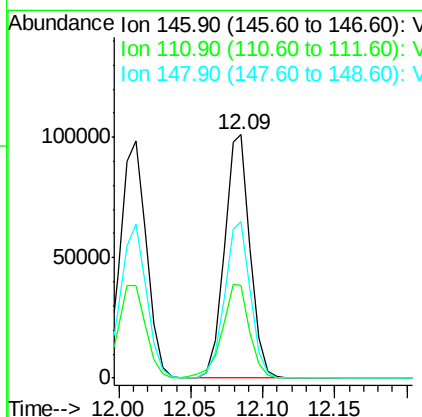
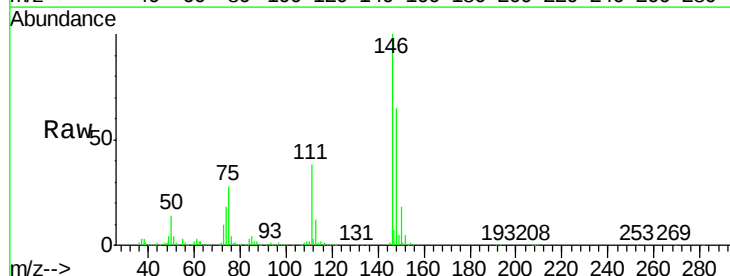
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

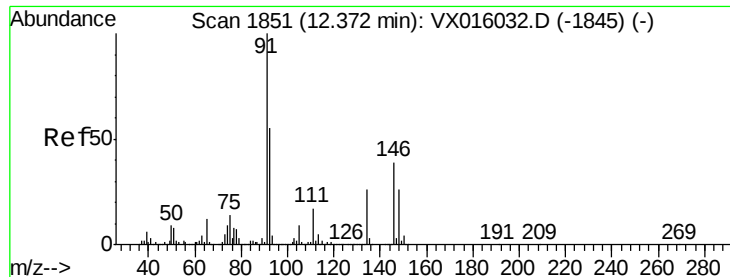
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.2	60.6
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 17.398 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.6	58.7
148	64.8	31.8	95.3





#89

n-Butylbenzene

Concen: 15.617 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

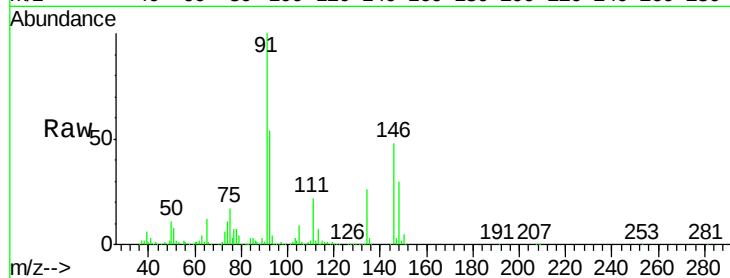
Tot Ion: 91 Resp: 201054

Ion Ratio Lower Upper

91 100

92 53.9 27.6 82.7

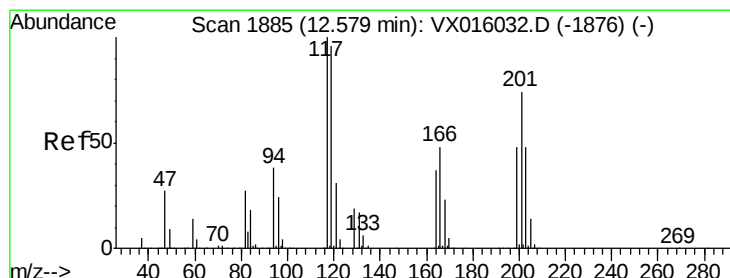
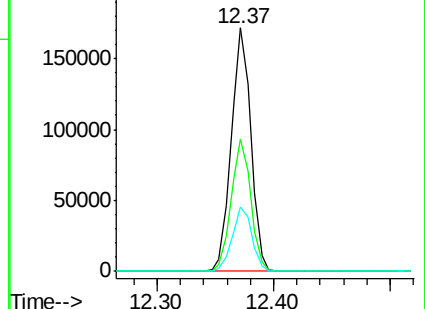
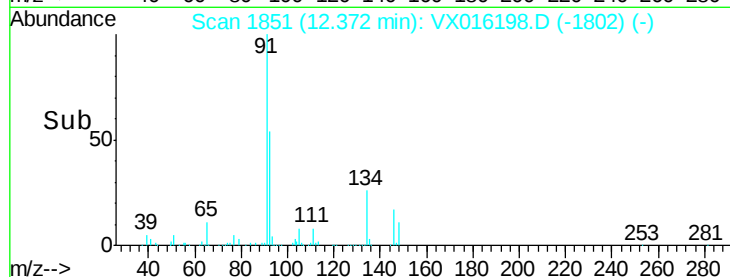
134 26.2 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016198.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016198.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016198.D (-1802) (-)



#90

Hexachloroethane

Concen: 16.773 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016198.D

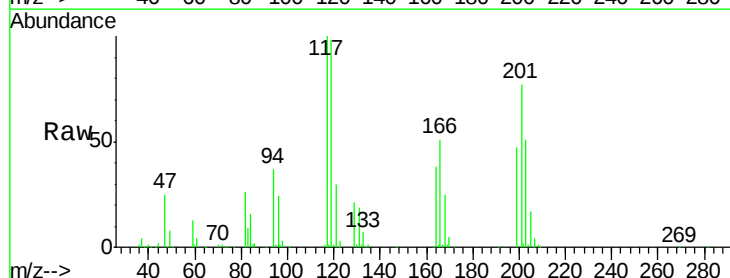
Acq: 13 May 2020 23:23

Tgt Ion: 117 Resp: 40594

Ion Ratio Lower Upper

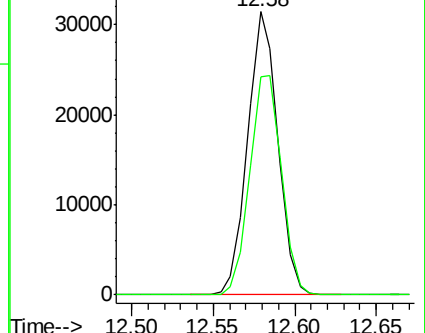
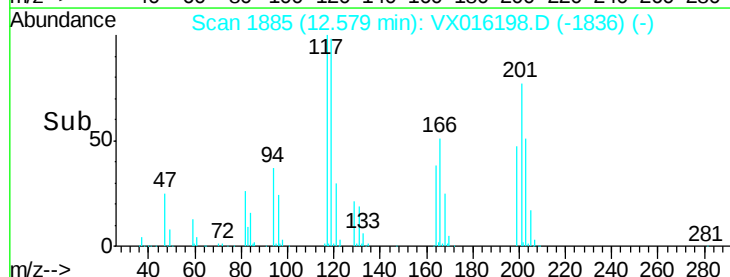
117 100

201 81.7 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016198.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016198.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 17.456 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampled :

VX0513WBSD02

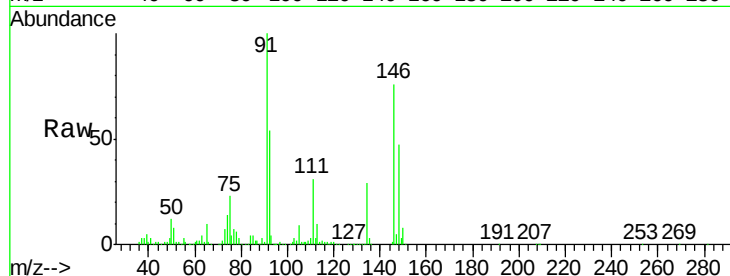
Tot Ion:146 Resp: 120352

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.1

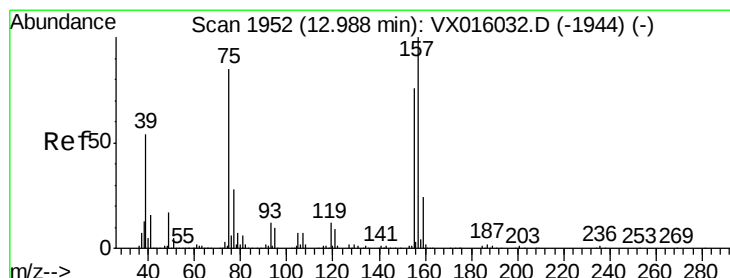
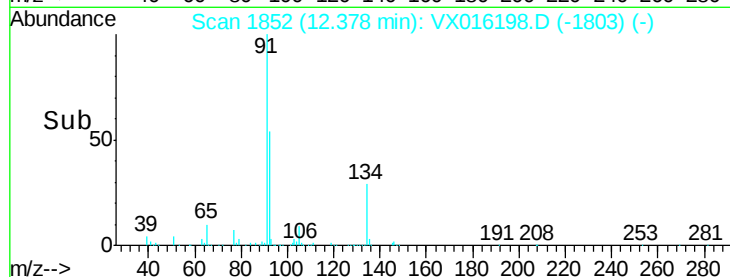
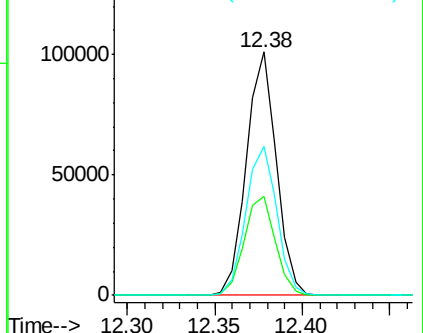
148 63.3 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 16.355 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

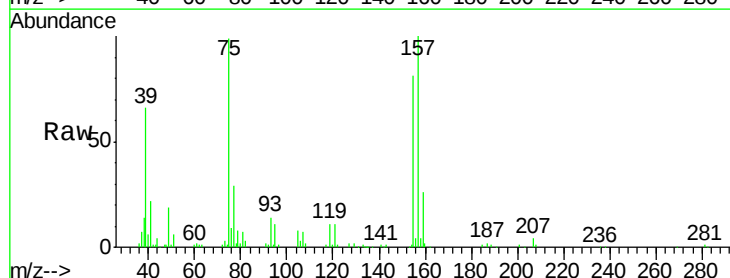
Tgt Ion: 75 Resp: 20777

Ion Ratio Lower Upper

75 100

155 86.6 42.5 127.5

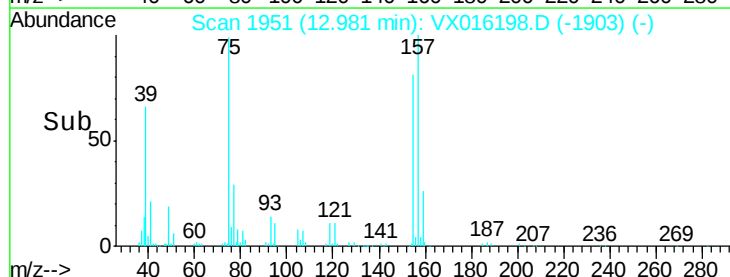
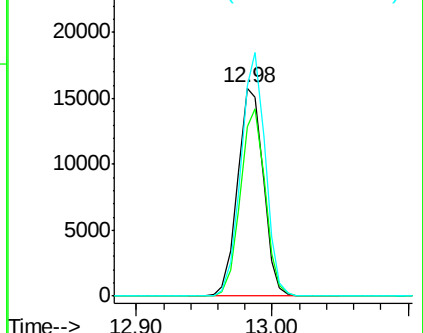
157 110.8 55.3 165.8

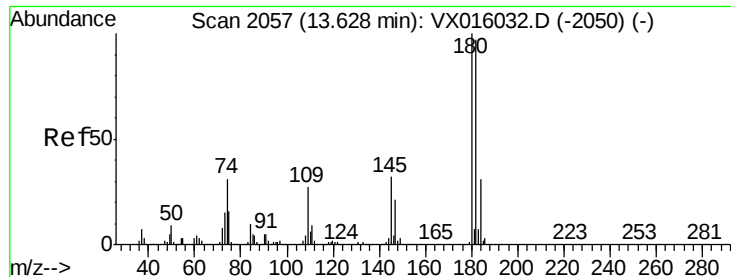


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

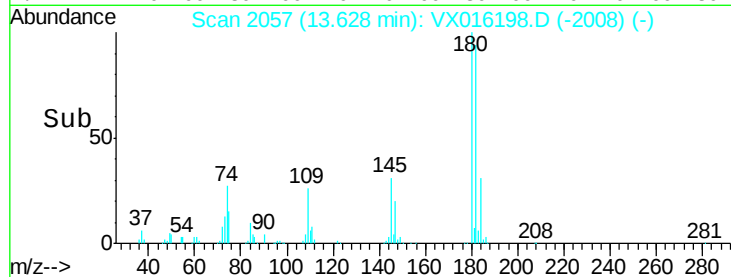
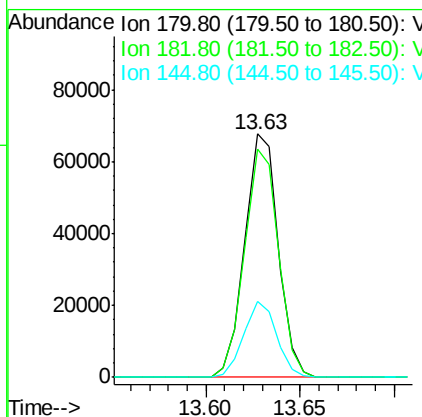
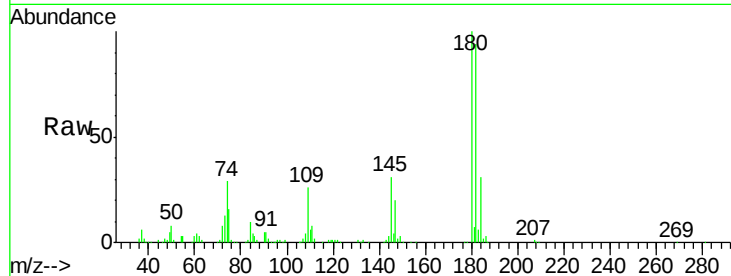




#93
 1,2,4-Trichlorobenzene
 Concen: 16.373 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

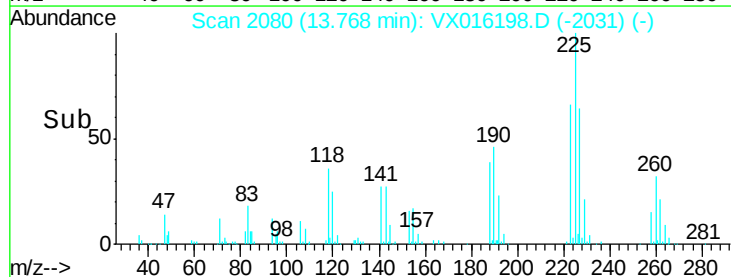
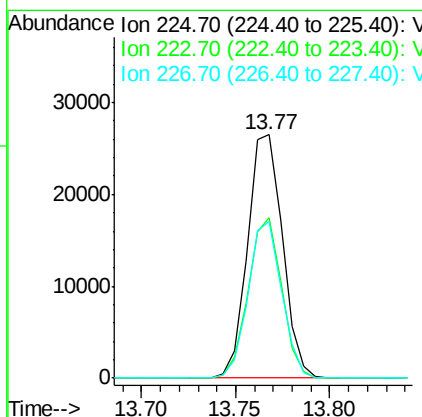
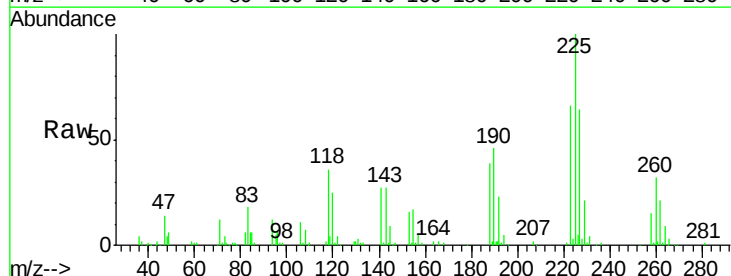
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBSD02

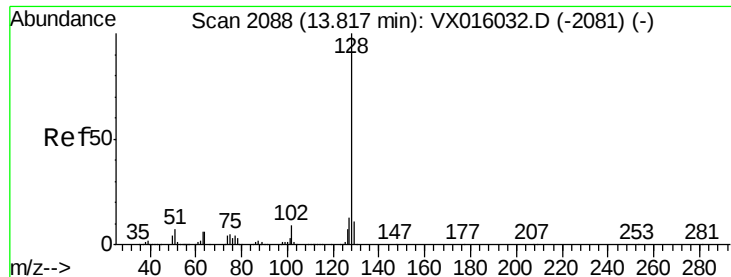
Tot Ion:180 Resp: 83572
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.7 146.1
 145 30.9 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 15.855 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016198.D
 Acq: 13 May 2020 23:23

Tgt Ion:225 Resp: 34055
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.3 96.9
 227 61.8 31.8 95.4





#95

Naphthalene

Concen: 17.181 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBSD02

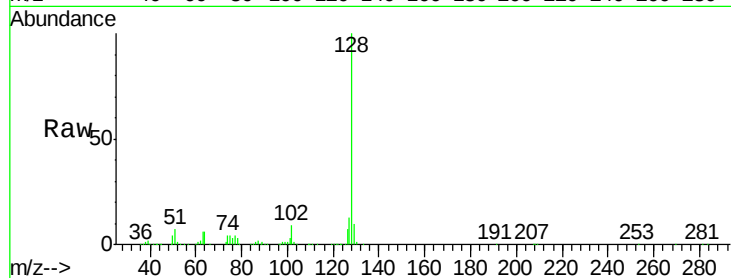
Tot Ion:128 Resp: 283965

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

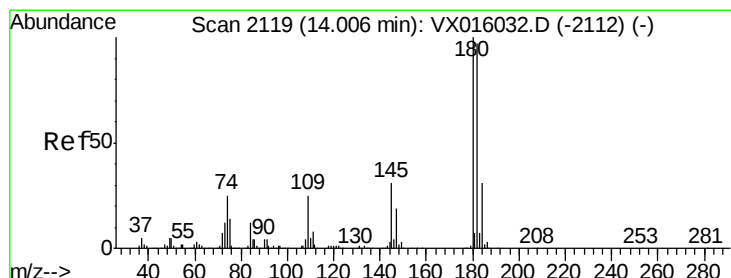
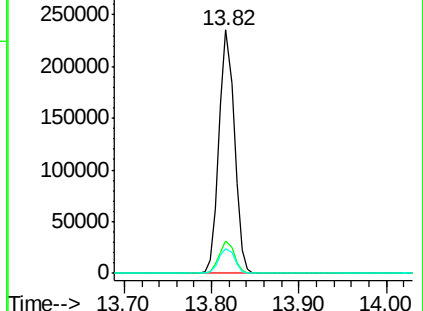
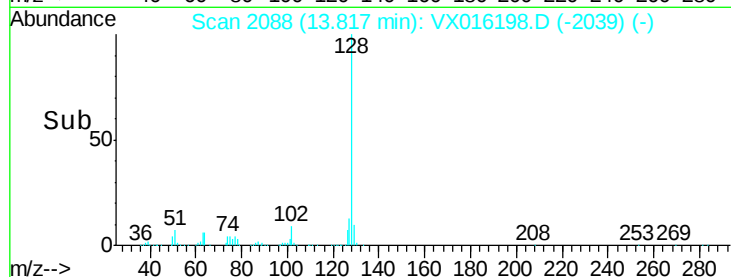
129 10.7 8.7 13.1



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: 16.535 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016198.D

Acq: 13 May 2020 23:23

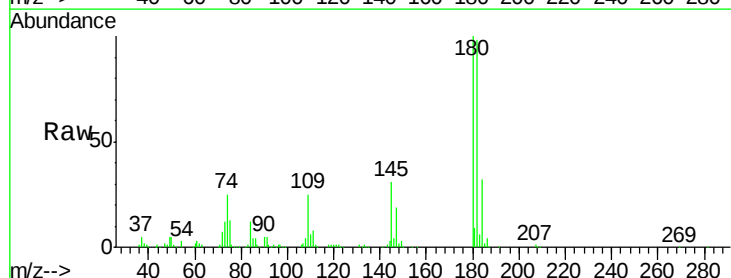
Tgt Ion:180 Resp: 82488

Ion Ratio Lower Upper

180 100

182 96.9 48.4 145.0

145 32.2 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

