

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016197.D
 Acq On : 13 May 2020 23:01
 Operator : JC/SP
 Sample : VX0513WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Quant Time: May 14 04:42:50 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	277208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	450546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	424535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	209730	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	165290	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
35) Dibromofluoromethane	5.47	113	130747	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	
50) Toluene-d8	8.70	98	512575	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
62) 4-Bromofluorobenzene	11.12	95	194656	46.53	ug/l	0.00
Spiked Amount			Recovery	=	93.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	49222	16.775	ug/l	97
3) Chloromethane	1.31	50	56265	16.512	ug/l	99
4) Vinyl Chloride	1.39	62	59719	16.427	ug/l	99
5) Bromomethane	1.63	94	35425	19.328	ug/l	100
6) Chloroethane	1.71	64	36630	16.560	ug/l	98
7) Trichlorofluoromethane	1.92	101	77705	16.281	ug/l	94
8) Diethyl Ether	2.17	74	32819	16.320	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	44642	16.212	ug/l	100
10) Methyl Iodide	2.49	142	41212	11.142	ug/l	100
11) Tert butyl alcohol	3.01	59	78000	84.559	ug/l	100
12) 1,1-Dichloroethene	2.36	96	45964	15.951	ug/l	98
13) Acrolein	2.27	56	39089	67.719	ug/l	97
14) Allyl chloride	2.71	41	85021	16.092	ug/l	96
15) Acrylonitrile	3.12	53	163351	85.364	ug/l	100
16) Acetone	2.42	43	133524	82.037	ug/l	97
17) Carbon Disulfide	2.55	76	135369	15.500	ug/l	99
18) Methyl Acetate	2.75	43	71489	17.864	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	173639	17.480	ug/l	99
20) Methylene Chloride	2.84	84	56329	16.788	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	52750	16.427	ug/l	100
22) Diisopropyl ether	3.82	45	172717	17.328	ug/l	97
23) Vinyl Acetate	3.79	43	740313	84.419	ug/l	99
24) 1,1-Dichloroethane	3.67	63	96237	17.259	ug/l	99
25) 2-Butanone	4.64	43	227326	86.675	ug/l	100
26) 2,2-Dichloropropane	4.56	77	72419	14.221	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61637	17.557	ug/l	96
28) Bromochloromethane	4.99	49	48295	18.995	ug/l	97
29) Tetrahydrofuran	5.09	42	148647	85.536	ug/l	99
30) Chloroform	5.18	83	95680	17.234	ug/l	97
31) Cyclohexane	5.55	56	82536	16.287	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	86156	17.073	ug/l	98
36) 1,1-Dichloropropene	5.78	75	71452	16.111	ug/l	100
37) Ethyl Acetate	4.79	43	86079	16.746	ug/l	98
38) Carbon Tetrachloride	5.76	117	76201	16.904	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	80729	15.115	ug/l	97
40) Benzene	6.12	78	221778	17.091	ug/l	99
41) Methacrylonitrile	5.01	41	47067	16.955	ug/l	99
42) 1,2-Dichloroethane	6.17	62	78664	16.828	ug/l	99
43) Isopropyl Acetate	6.42	43	135373	16.506	ug/l	99
44) Trichloroethene	7.19	130	75448	16.366	ug/l	97
45) 1,2-Dichloropropane	7.49	63	57989	17.661	ug/l	97
46) Dibromomethane	7.64	93	38085	17.068	ug/l	100
47) Bromodichloromethane	7.88	83	77758	17.110	ug/l	98
48) Methyl methacrylate	7.74	41	63794	16.415	ug/l	97
49) 1,4-Dioxane	7.71	88	31473	337.673	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	430389	85.755	ug/l	99
52) Toluene	8.77	92	141683	17.517	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	87824	16.208	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	93699	16.556	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	56602	17.786	ug/l	98
56) Ethyl methacrylate	9.16	69	88389	17.016	ug/l	97
57) 1,3-Dichloropropane	9.35	76	98029	17.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	248077	89.706	ug/l	100
59) 2-Hexanone	9.48	43	332957	84.477	ug/l	98
60) Dibromochloromethane	9.57	129	61815	17.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59573	17.282	ug/l	99
64) Tetrachloroethene	9.32	164	86634	16.623	ug/l	97
65) Chlorobenzene	10.12	112	149335	16.799	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55663	16.942	ug/l	99
67) Ethyl Benzene	10.24	91	260545	16.427	ug/l	99
68) m/p-Xylenes	10.34	106	198393	33.386	ug/l	100
69) o-Xylene	10.68	106	96199	16.841	ug/l	98
70) Styrene	10.70	104	161471	16.663	ug/l	100
71) Bromoform	10.84	173	45931	17.159	ug/l #	100
73) Isopropylbenzene	11.00	105	254837	16.706	ug/l	99
74) N-amyl acetate	10.88	43	113590	15.964	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	53761	20.288	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	104662	21.991	ug/l	84
77) Bromobenzene	11.24	156	65508	16.637	ug/l	100
78) n-propylbenzene	11.34	91	291760	16.441	ug/l	100
79) 2-Chlorotoluene	11.40	91	174117	16.622	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	212834	16.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	30536	15.290	ug/l	99
82) 4-Chlorotoluene	11.49	91	207181	16.749	ug/l	100
83) tert-Butylbenzene	11.76	119	182849	16.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	216289	16.610	ug/l	99
85) sec-Butylbenzene	11.93	105	239016	15.948	ug/l	100
86) p-Isopropyltoluene	12.05	119	219456	15.772	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	118165	16.714	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	119517	16.656	ug/l	99
89) n-Butylbenzene	12.37	91	186373	14.662	ug/l	100
90) Hexachloroethane	12.58	117	37790	15.814	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	110266	16.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19896	15.862	ug/l	99

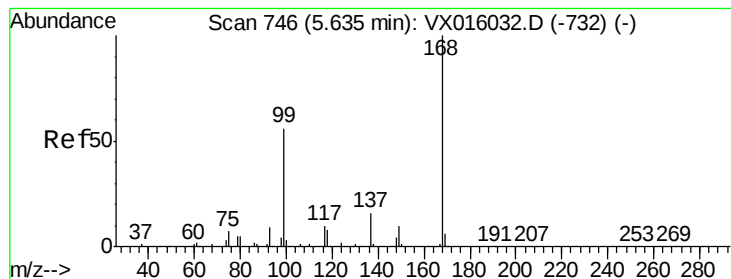
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QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	78284	15.532	ug/l	99
94) Hexachlorobutadiene	13.77	225	31605	14.934	ug/l	99
95) Naphthalene	13.82	128	264759	16.223	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	80228	16.288	ug/l	96

(#) = 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: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

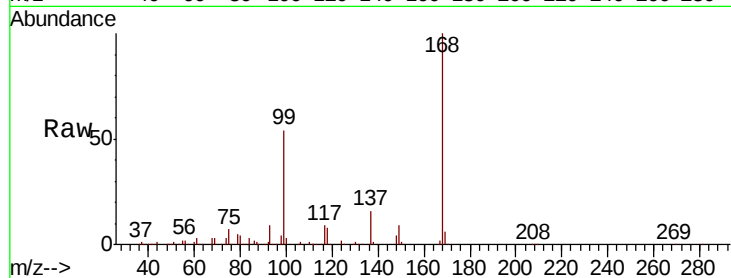
VX0513WBS02

Tot Ion:168 Resp: 277208

Ion Ratio Lower Upper

168 100

99 53.9 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

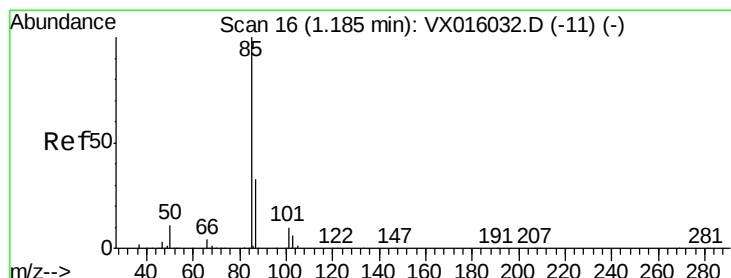
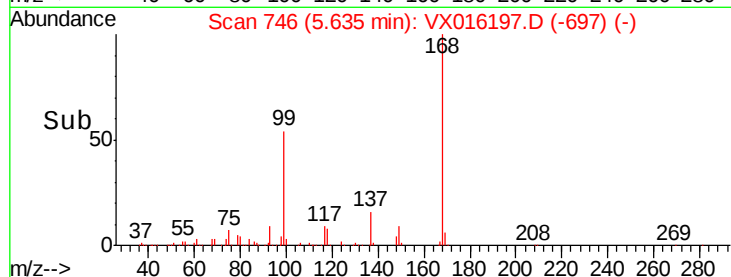
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.775 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016197.D

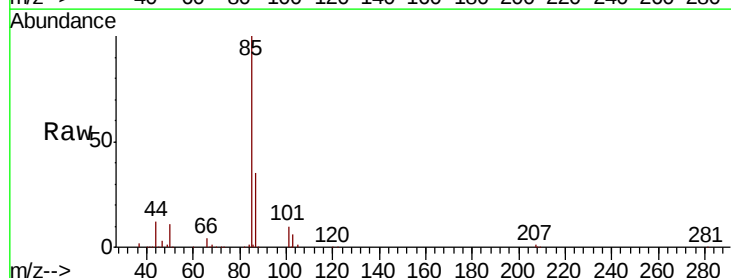
Acq: 13 May 2020 23:01

Tgt Ion: 85 Resp: 49222

Ion Ratio Lower Upper

85 100

87 34.5 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

50000

40000

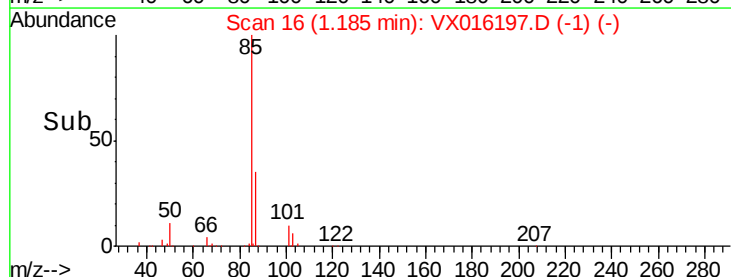
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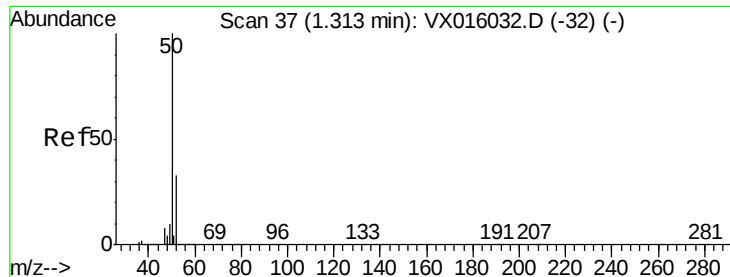
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.512 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

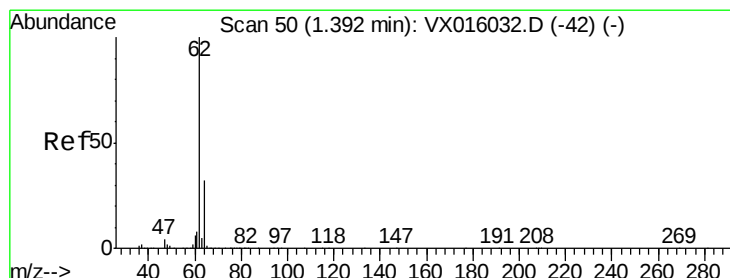
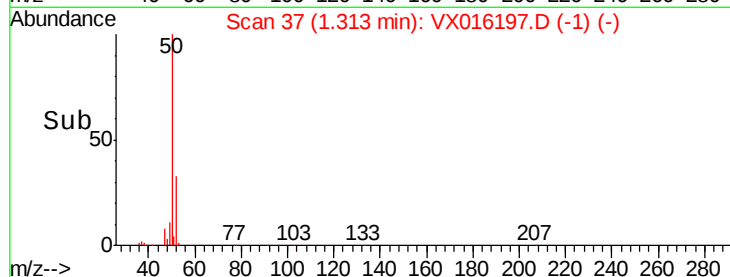
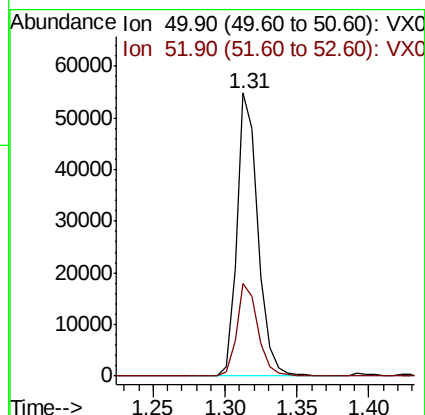
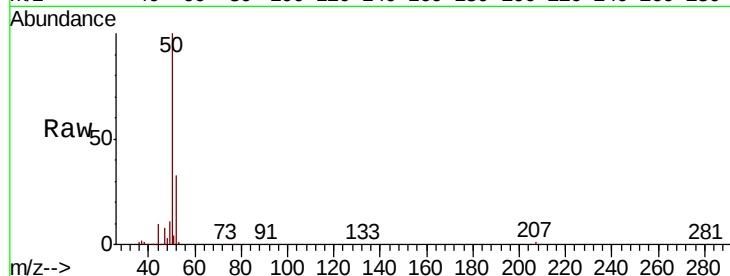
VX0513WBS02

Tot Ion: 50 Resp: 56265

Ion Ratio Lower Upper

50 100

52 32.9 26.1 39.1



#4

Vinyl Chloride

Concen: 16.427 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016197.D

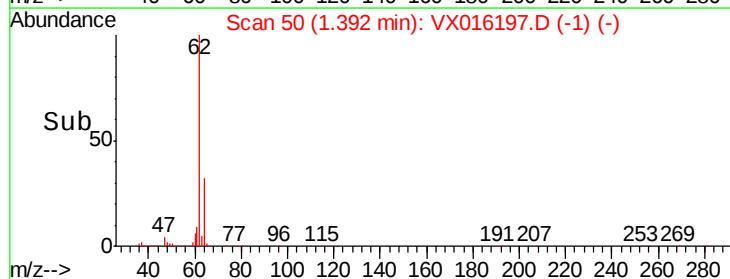
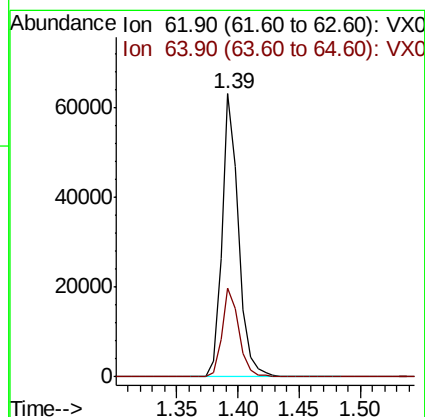
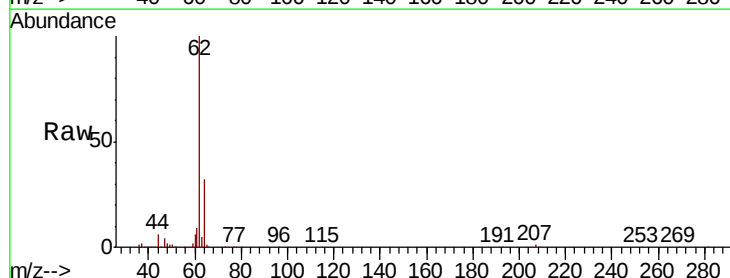
Acq: 13 May 2020 23:01

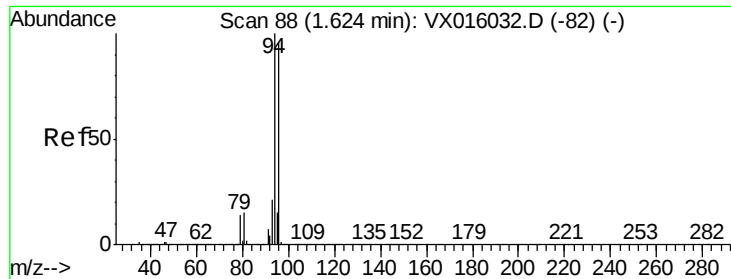
Tgt Ion: 62 Resp: 59719

Ion Ratio Lower Upper

62 100

64 31.5 25.7 38.5





#5

Bromomethane

Concen: 19.328 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

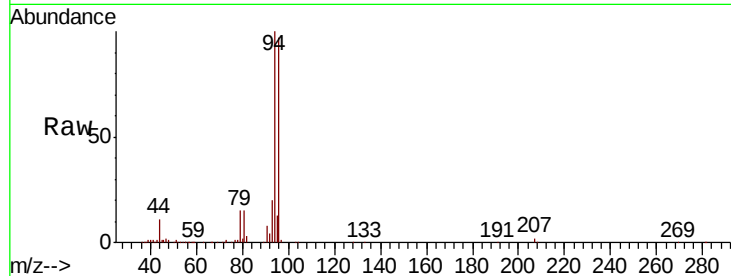
VX0513WBS02

Tot Ion: 94 Resp: 35425

Ion Ratio Lower Upper

94 100

96 96.4 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

25000

20000

15000

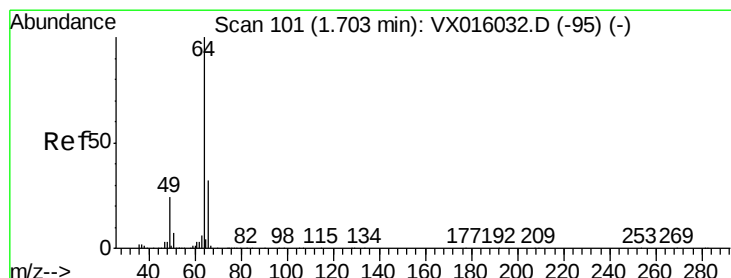
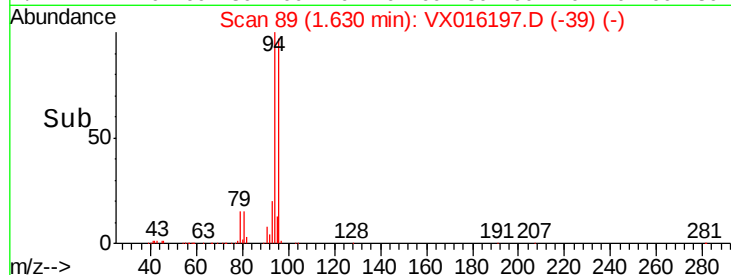
10000

5000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 16.560 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016197.D

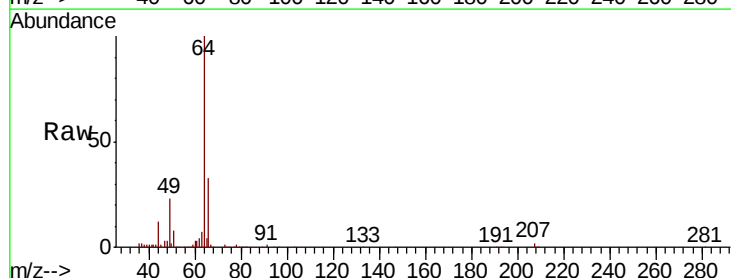
Acq: 13 May 2020 23:01

Tgt Ion: 64 Resp: 36630

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

15000

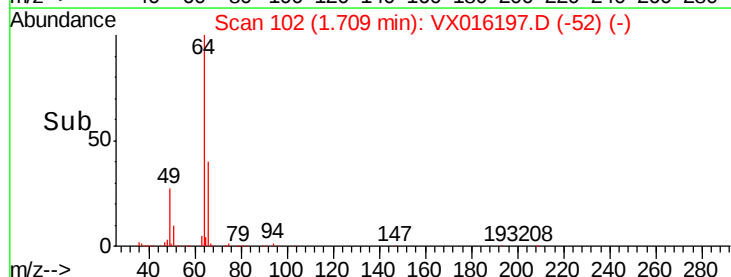
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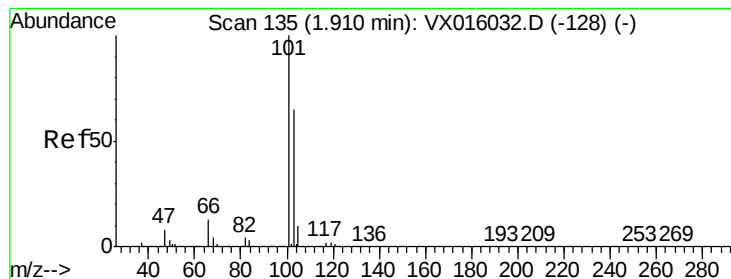
5000

0

Time-->

1.65 1.70 1.75 1.80



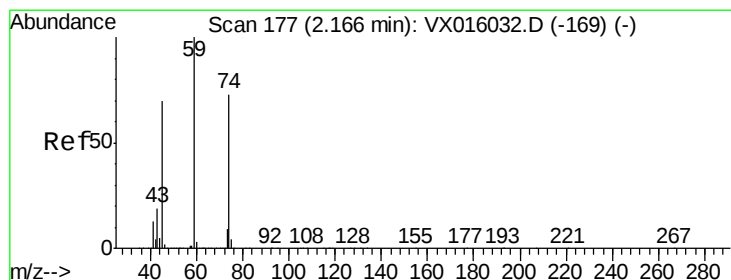
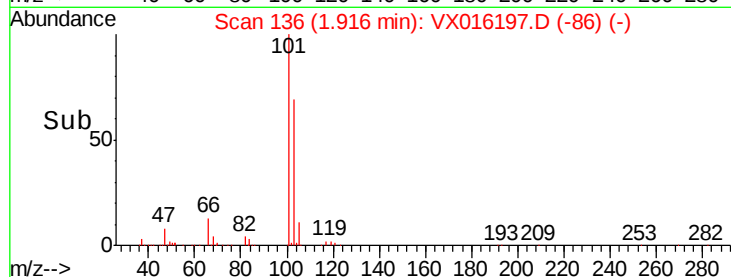
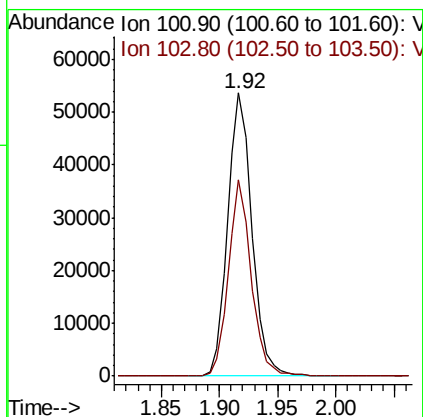
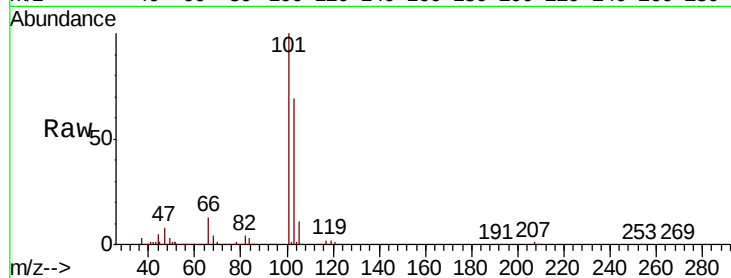


#7

Trichlorofluoromethane
Concen: 16.281 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

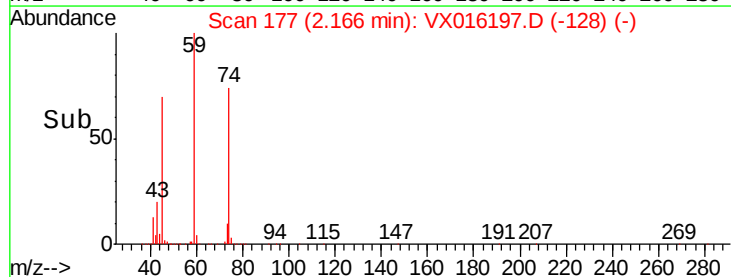
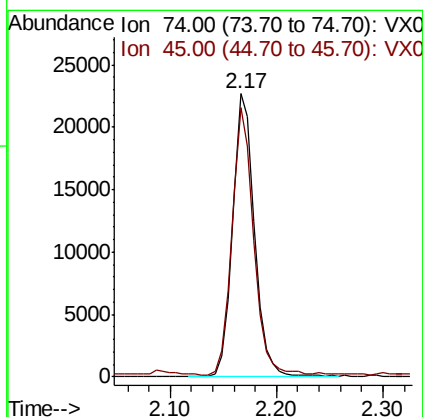
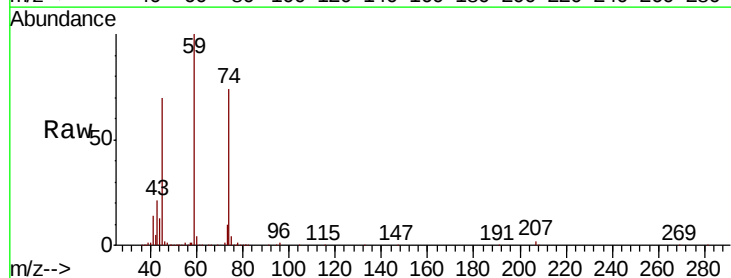
Tot Ion:101 Resp: 77705
Ion Ratio Lower Upper
101 100
103 69.2 51.8 77.6

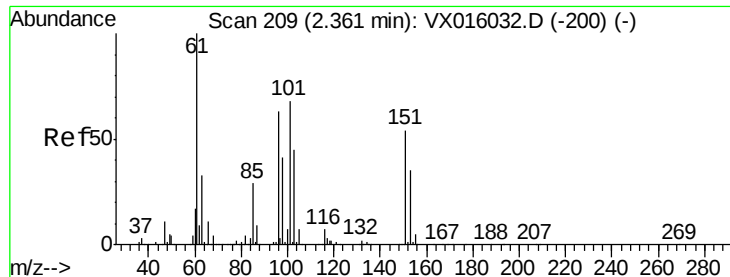


#8

Diethyl Ether
Concen: 16.320 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 74 Resp: 32819
Ion Ratio Lower Upper
74 100
45 92.8 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.212 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

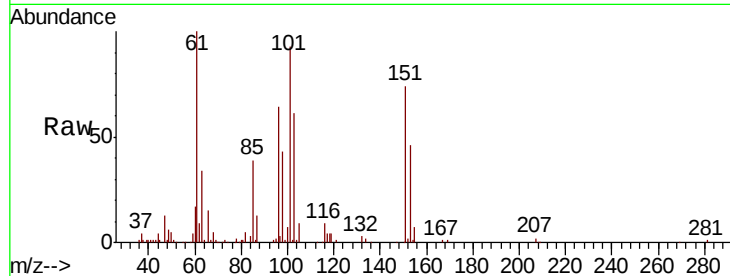
Tot Ion:101 Resp: 44642

Ion Ratio Lower Upper

101 100

85 42.9 34.2 51.4

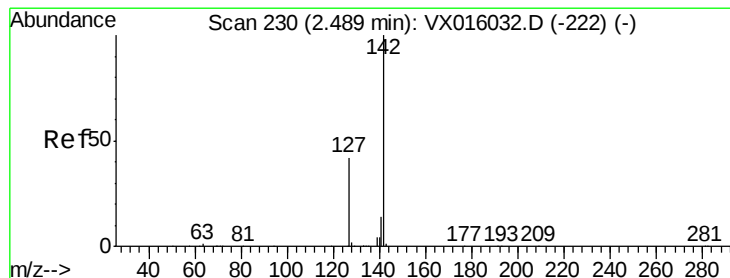
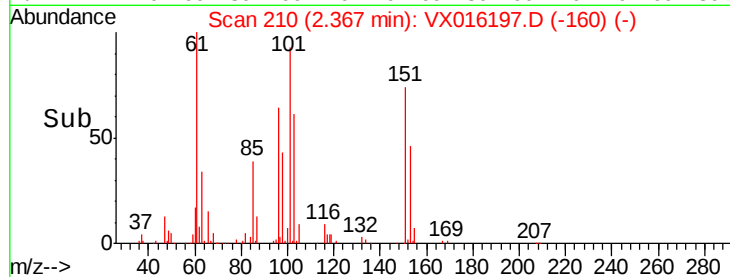
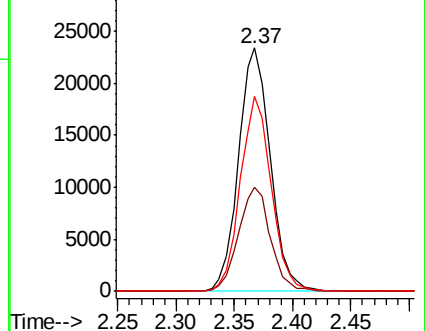
151 78.0 62.1 93.1



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: 11.142 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

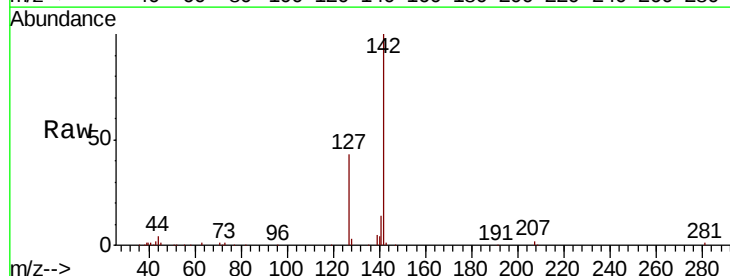
Tgt Ion:142 Resp: 41212

Ion Ratio Lower Upper

142 100

127 43.0 34.6 52.0

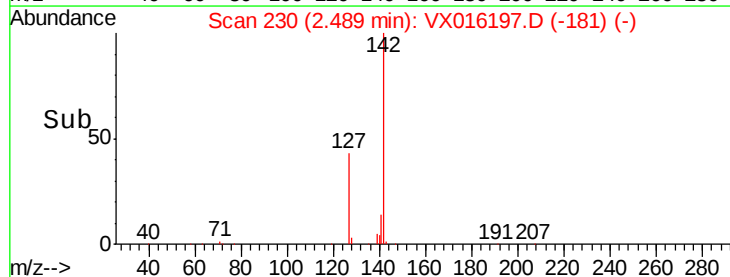
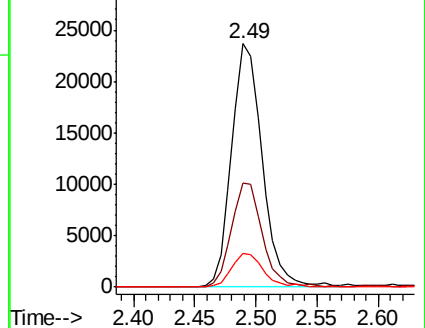
141 14.1 11.3 16.9

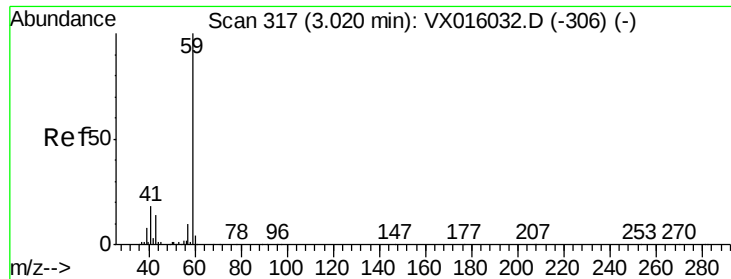


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



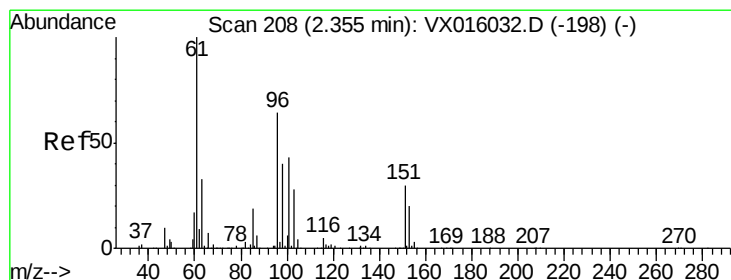
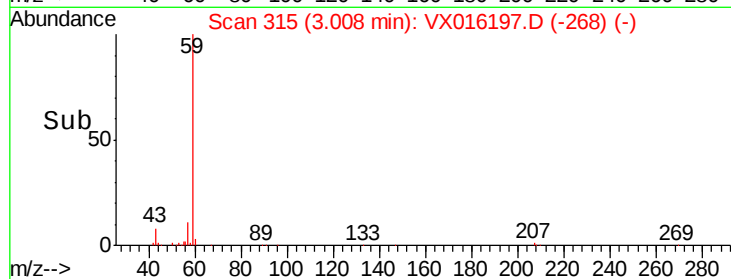
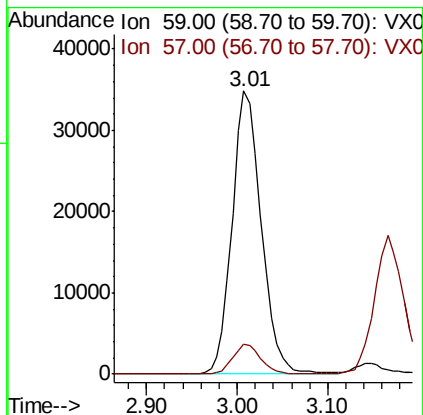
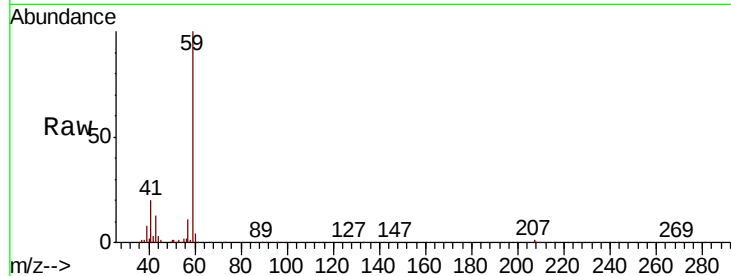


#11

Tert butyl alcohol
 Concen: 84.559 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

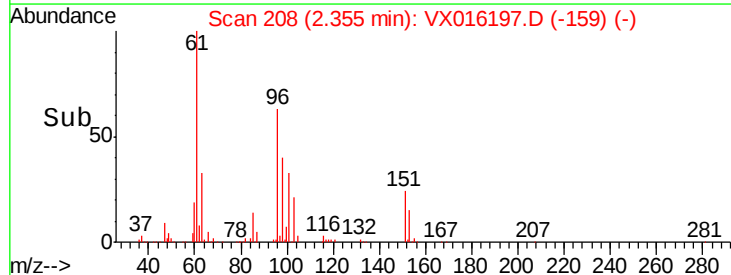
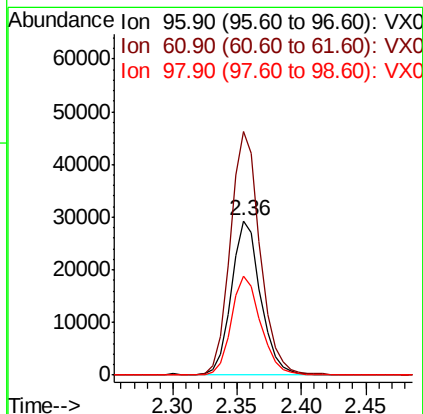
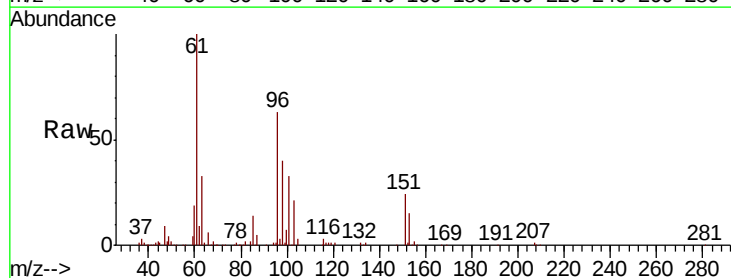
Tot Ion: 59 Resp: 78000
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

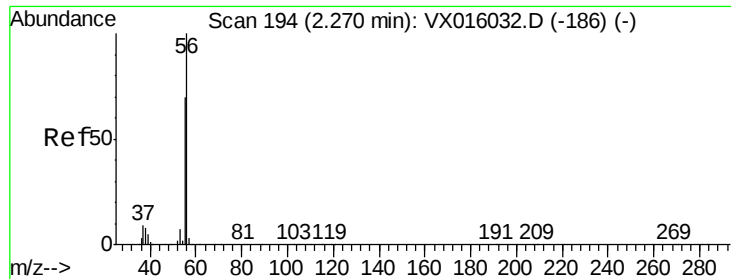


#12

1,1-Dichloroethene
 Concen: 15.951 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion: 96 Resp: 45964
 Ion Ratio Lower Upper
 96 100
 61 158.5 124.8 187.2
 98 64.1 49.7 74.5





#13

Acrolein

Concen: 67.719 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

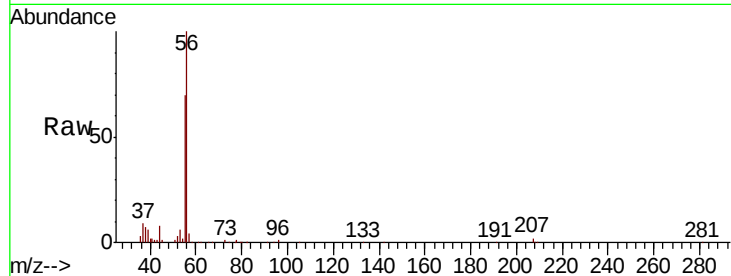
VX0513WBS02

Tot Ion: 56 Resp: 39089

Ion Ratio Lower Upper

56 100

55 68.2 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

25000

20000

15000

10000

5000

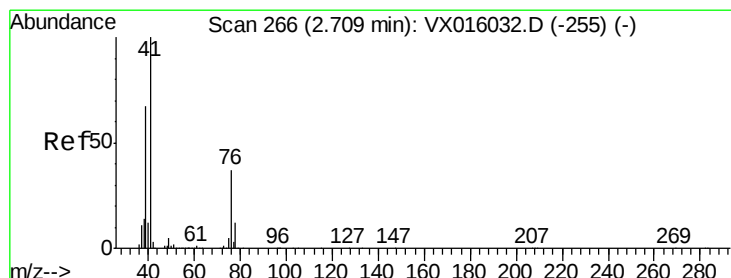
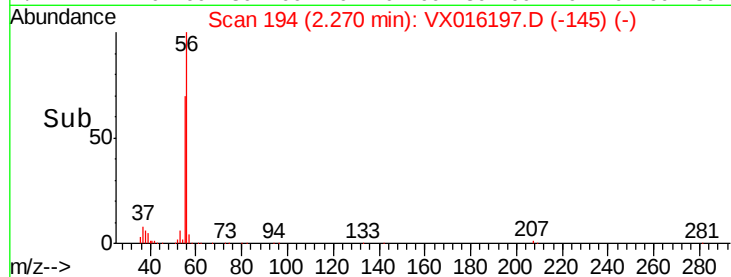
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 16.092 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

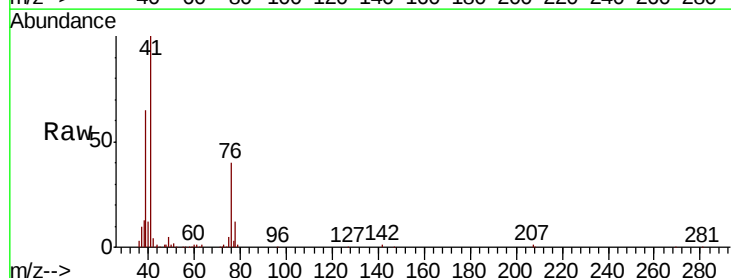
Tgt Ion: 41 Resp: 85021

Ion Ratio Lower Upper

41 100

39 59.4 50.5 75.7

76 35.0 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

60000

40000

20000

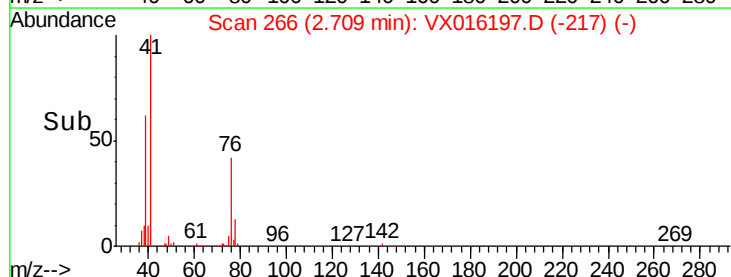
0

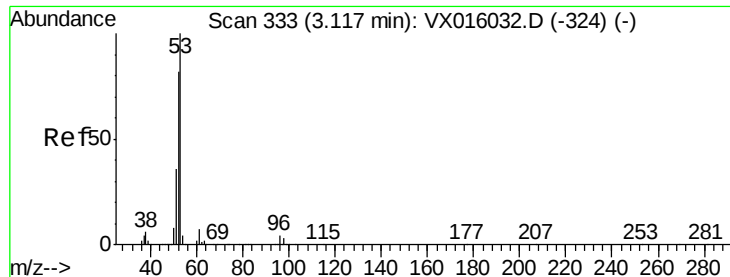
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 85.364 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

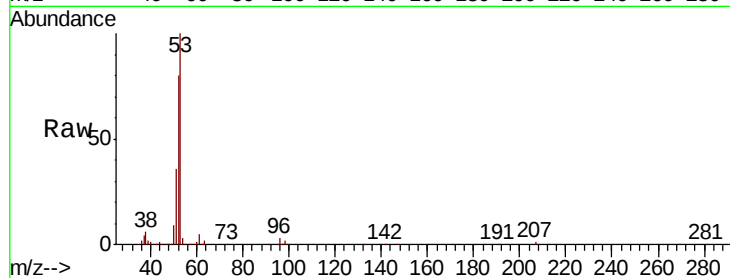
Tot Ion: 53 Resp: 163351

Ion Ratio Lower Upper

53 100

52 82.1 66.1 99.1

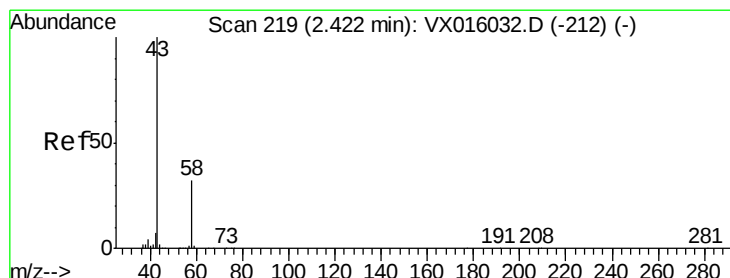
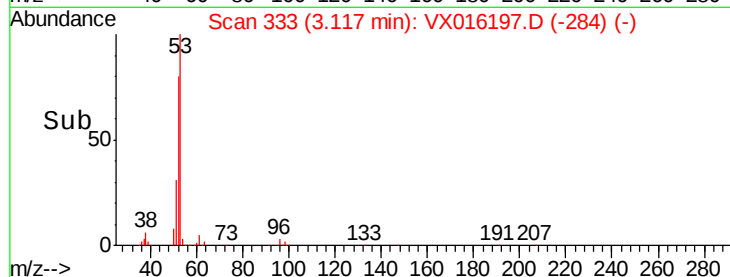
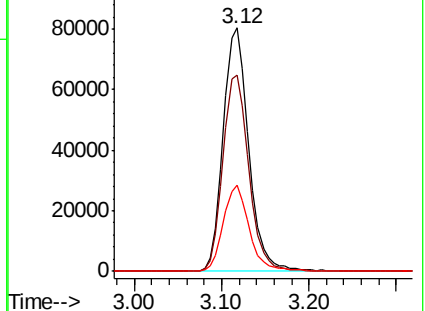
51 36.0 28.8 43.2



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: 82.037 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016197.D

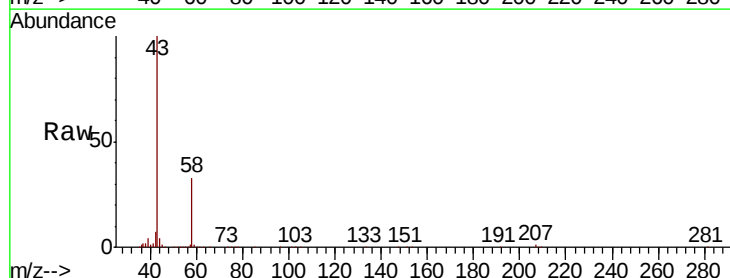
Acq: 13 May 2020 23:01

Tgt Ion: 43 Resp: 133524

Ion Ratio Lower Upper

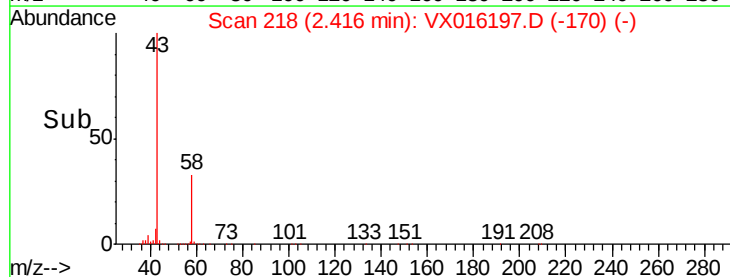
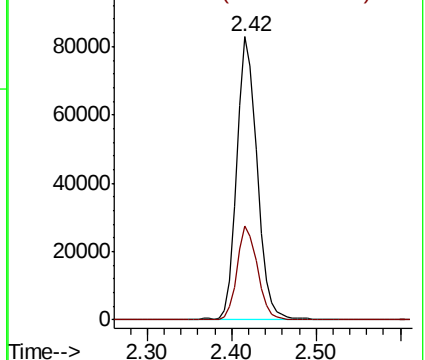
43 100

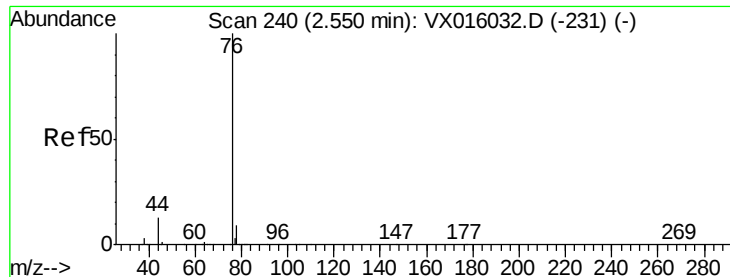
58 33.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

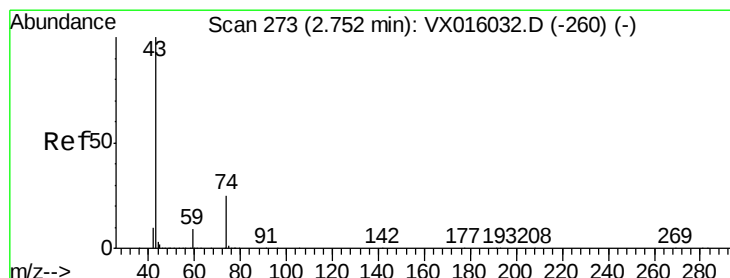
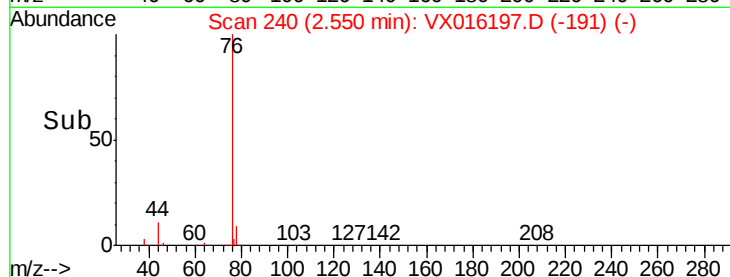
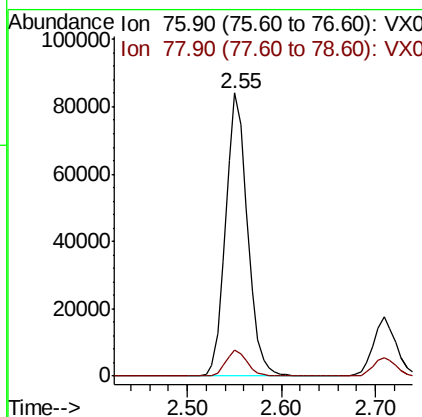
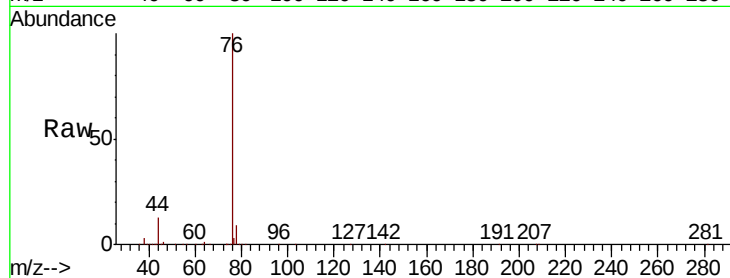




#17
Carbon Disulfide
Concen: 15.500 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

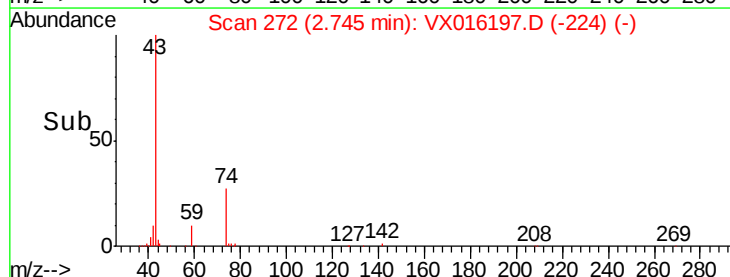
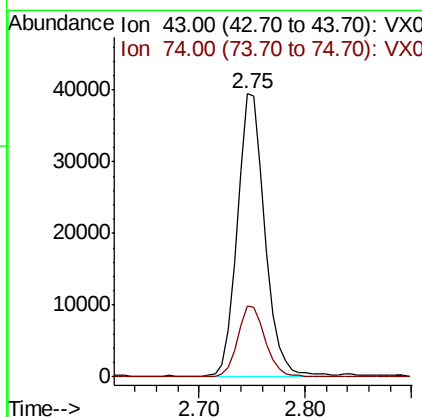
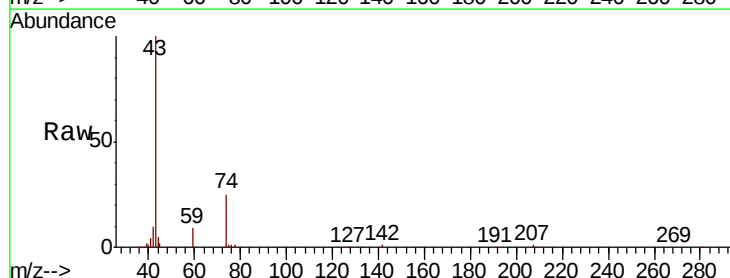
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

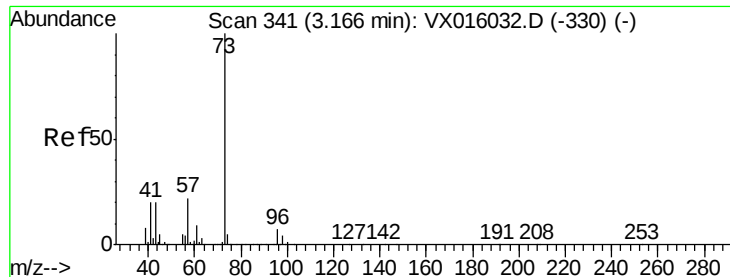
Tot Ion: 76 Resp: 135369
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 17.864 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 43 Resp: 71489
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2



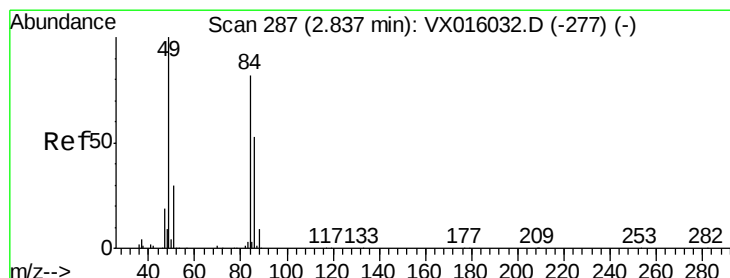
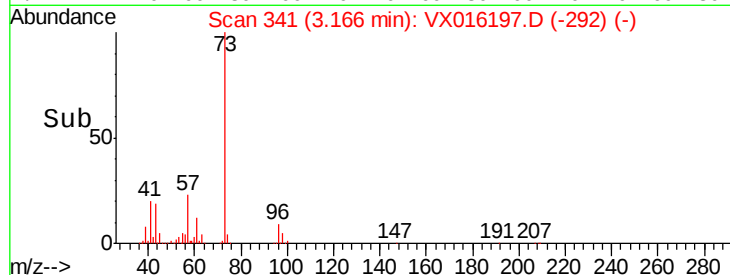
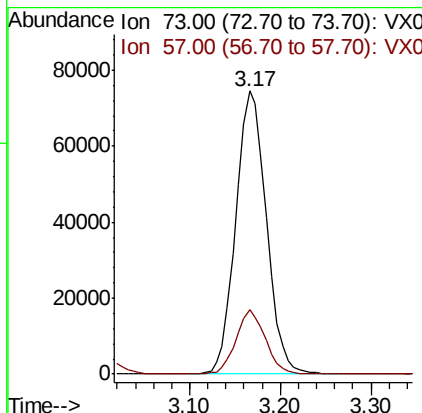
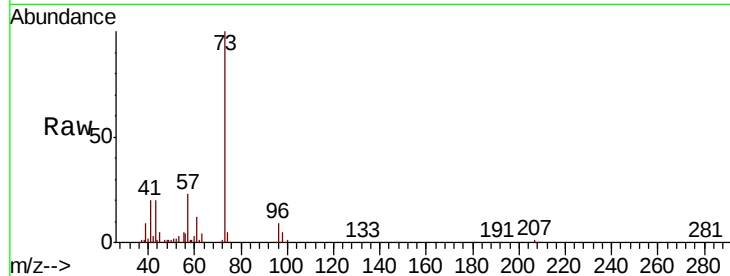


#19

Methyl tert-butyl Ether
 Concen: 17.480 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

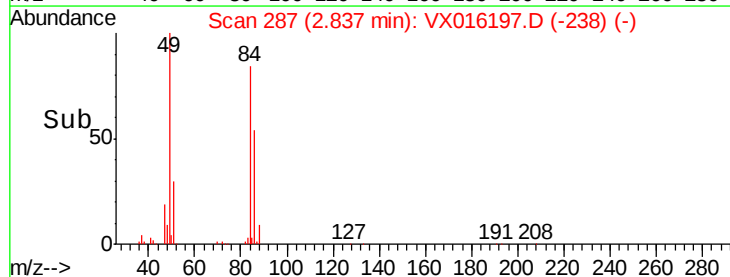
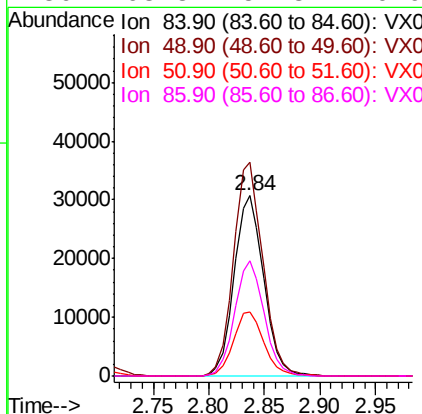
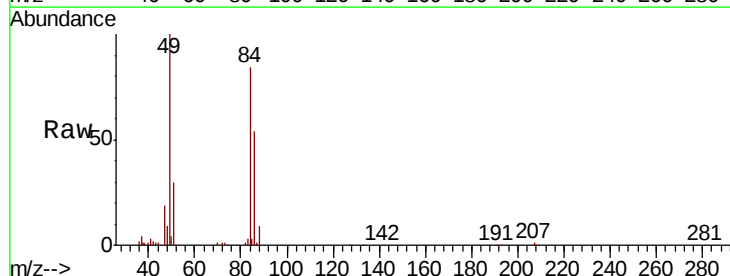
Tot Ion: 73 Resp: 173639
 Ion Ratio Lower Upper
 73 100
 57 22.9 17.8 26.6

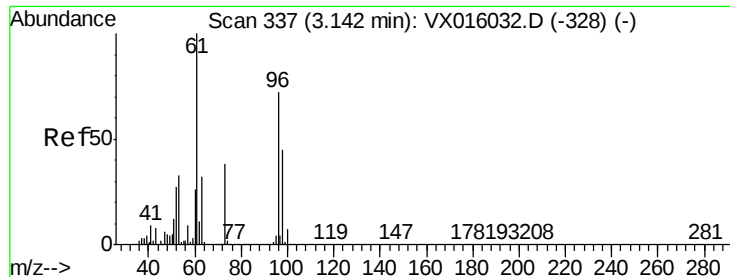


#20

Methylene Chloride
 Concen: 16.788 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion: 84 Resp: 56329
 Ion Ratio Lower Upper
 84 100
 49 118.7 97.3 145.9
 51 35.6 29.3 43.9
 86 63.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 16.427 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

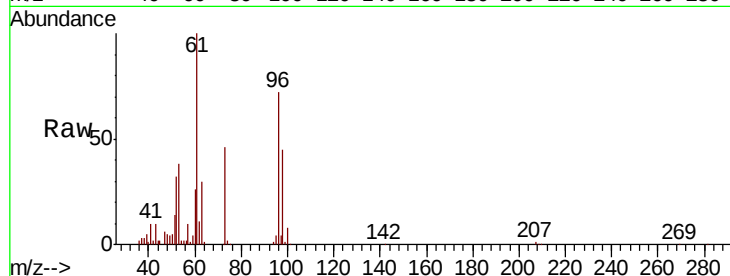
Tot Ion: 96 Resp: 52750

Ion Ratio Lower Upper

96 100

61 138.9 111.2 166.8

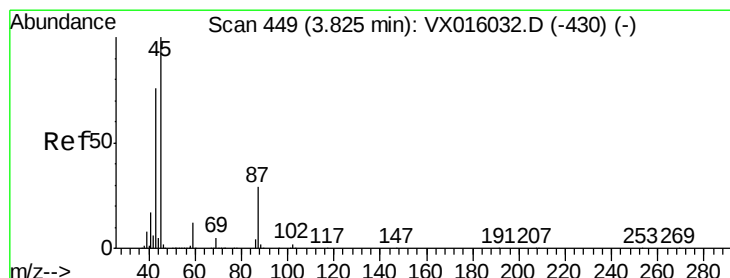
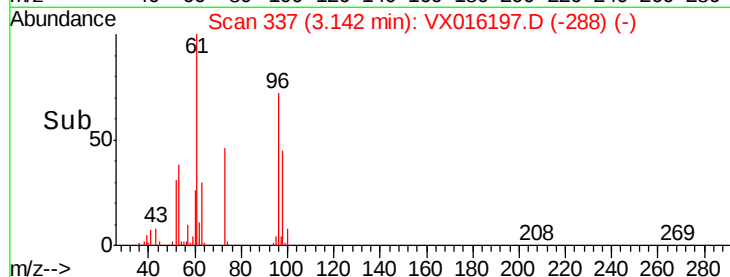
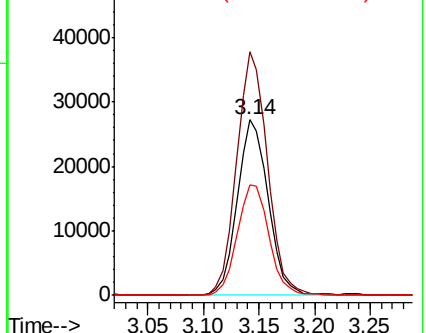
98 62.8 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 17.328 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion: 45 Resp: 172717

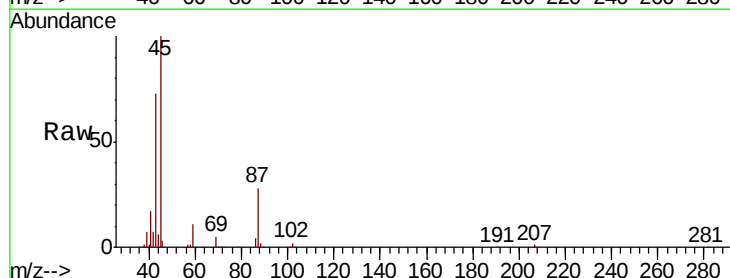
Ion Ratio Lower Upper

45 100

43 72.5 61.1 91.7

87 28.5 23.0 34.6

59 11.5 9.8 14.6

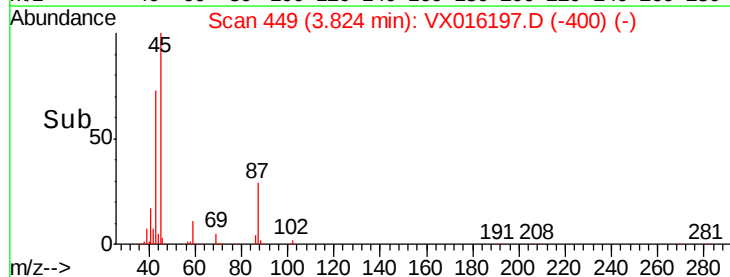
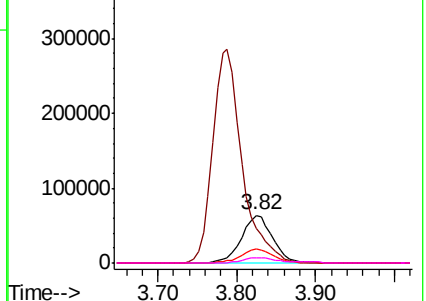


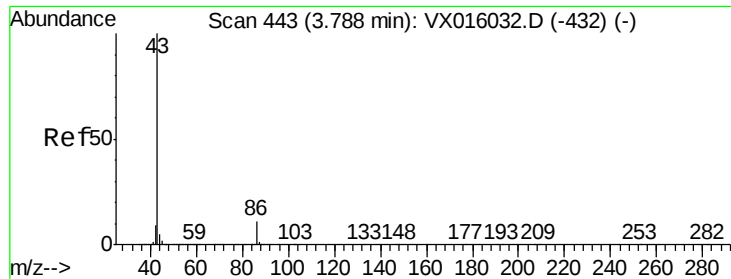
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 84.419 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

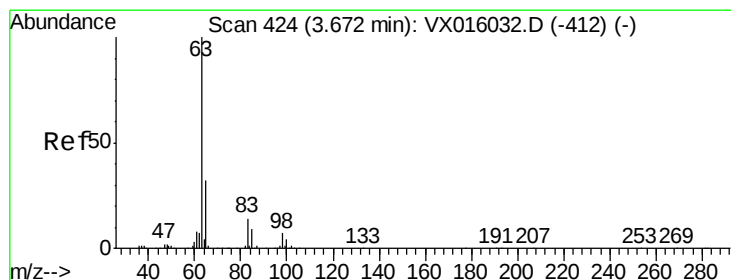
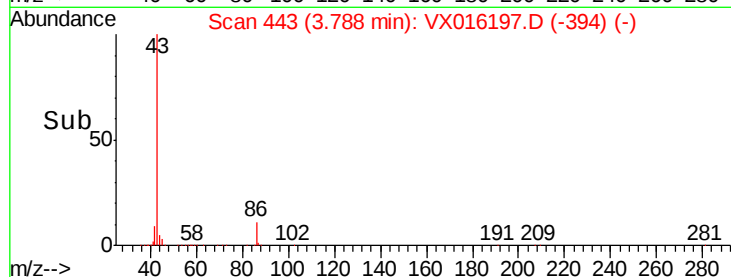
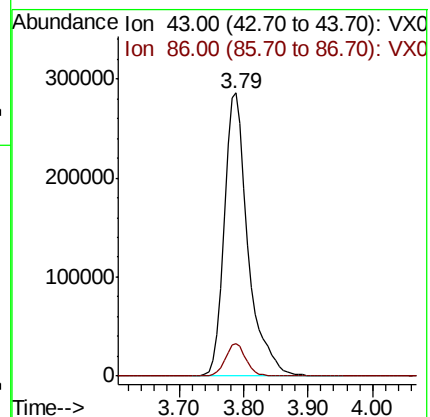
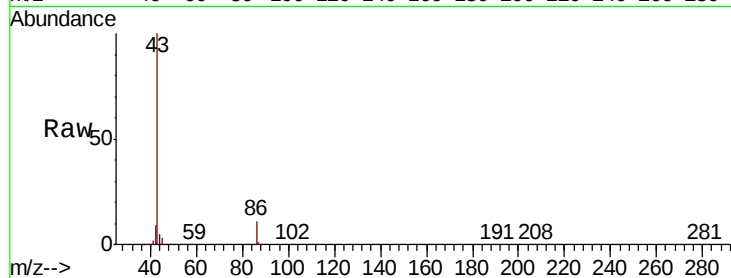
VX0513WBS02

Tot Ion: 43 Resp: 740313

Ion Ratio Lower Upper

43 100

86 11.4 9.0 13.4



#24

1,1-Dichloroethane

Concen: 17.259 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

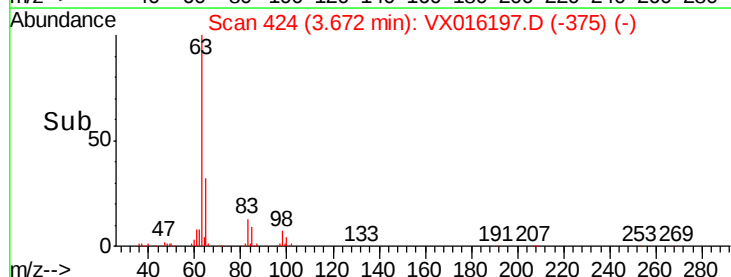
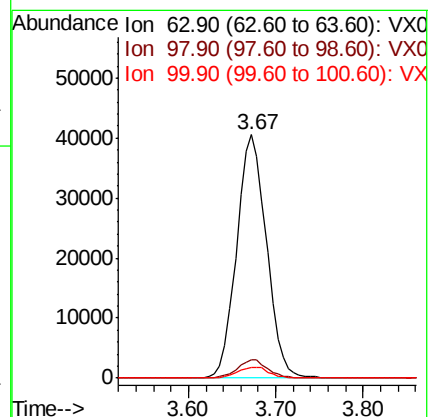
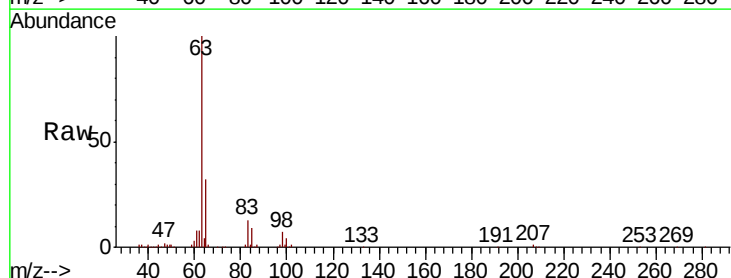
Tgt Ion: 63 Resp: 96237

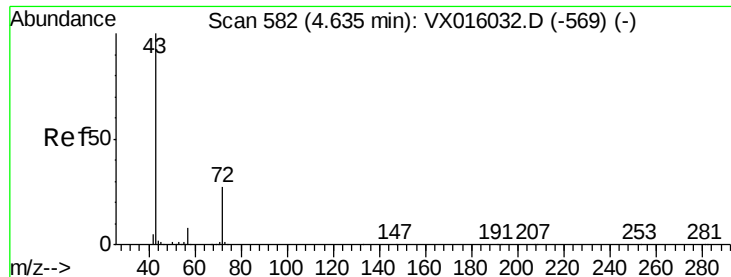
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

100 4.5 2.1 6.5

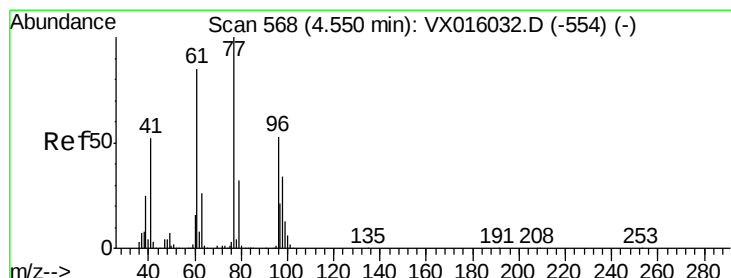
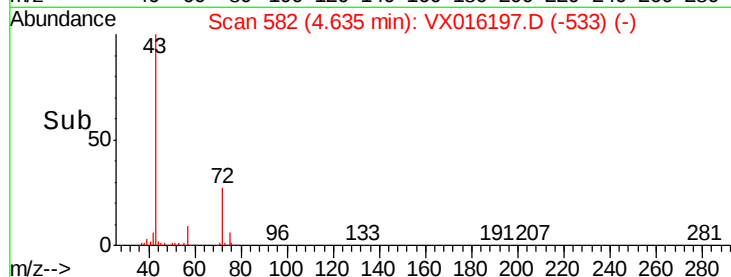
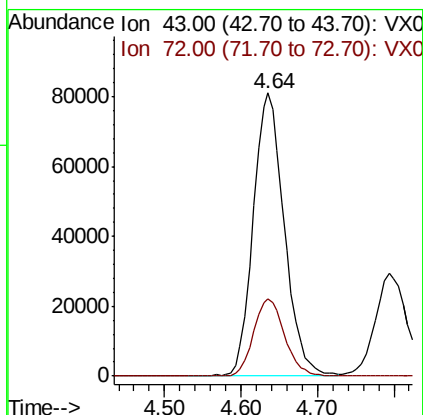
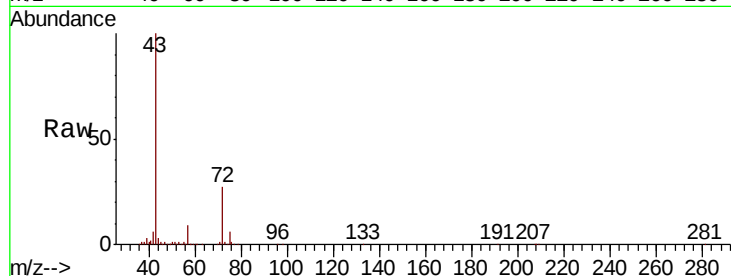




#25
2-Butanone
Concen: 86.675 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

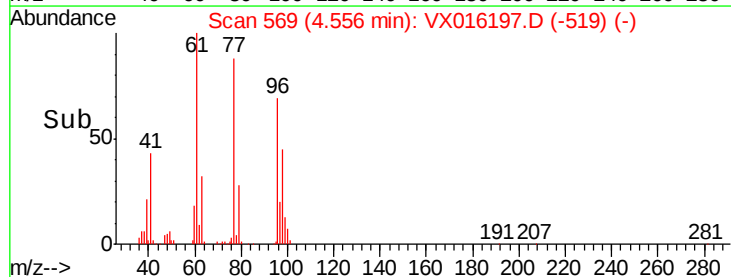
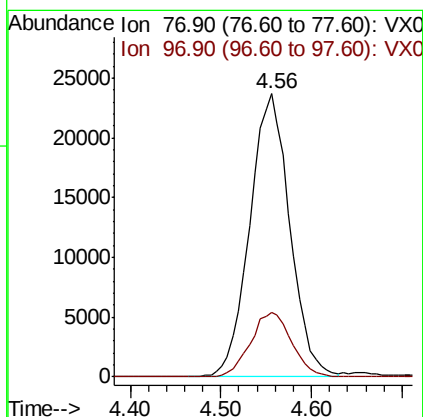
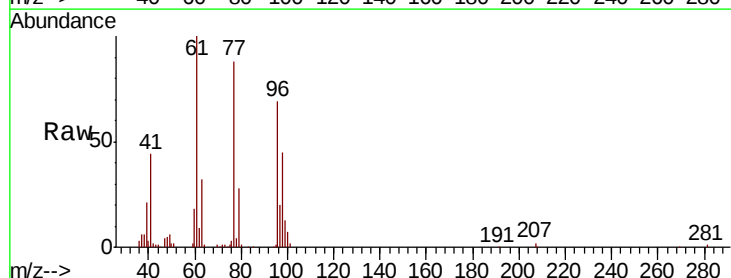
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

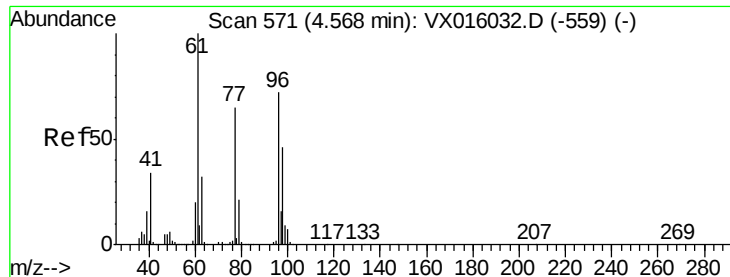
Tot Ion: 43 Resp: 227326
Ion Ratio Lower Upper
43 100
72 27.2 21.8 32.8



#26
2,2-Dichloropropane
Concen: 14.221 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 77 Resp: 72419
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6



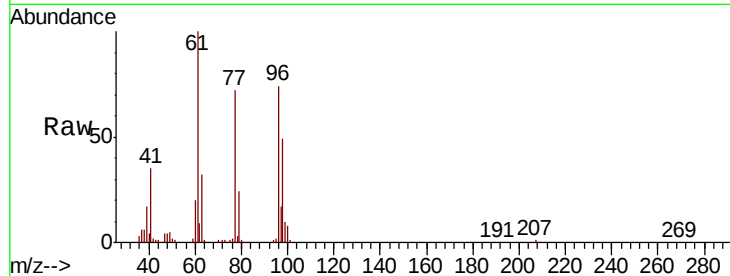


#27

cis-1,2-Dichloroethene
 Concen: 17.557 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.5	0.0	296.2
98	64.6	0.0	129.4

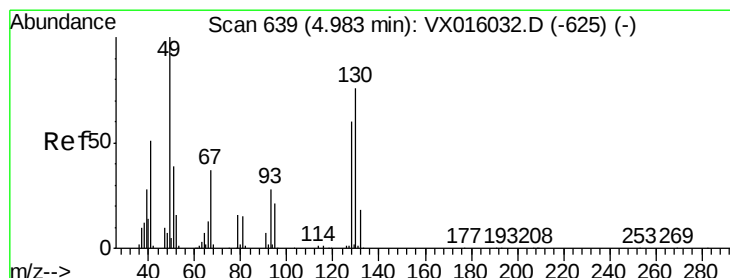
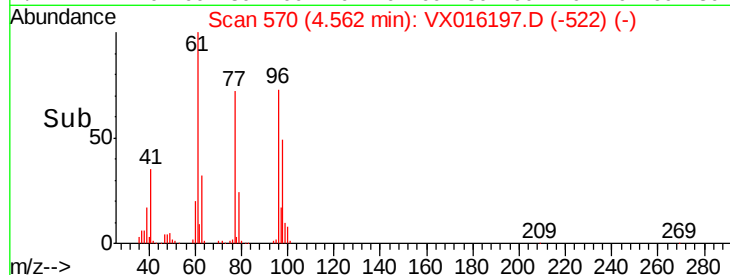
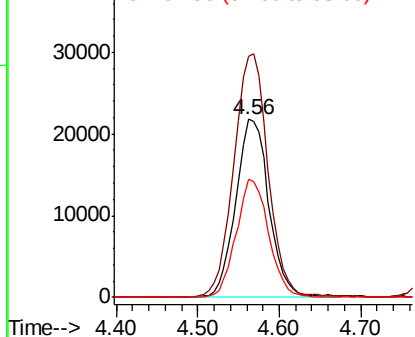


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

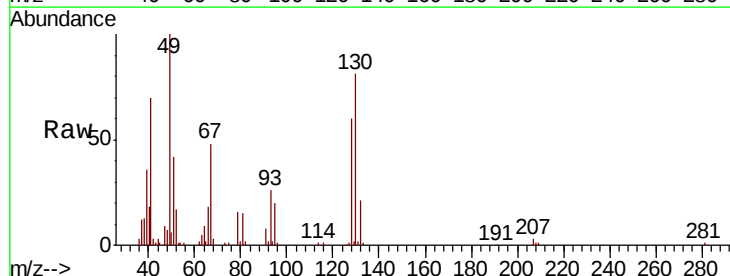
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 18.995 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	81.0	62.4	93.6

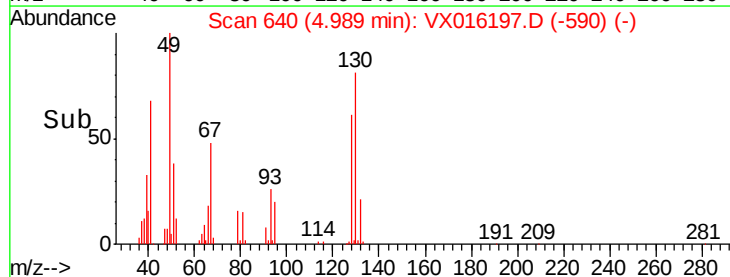
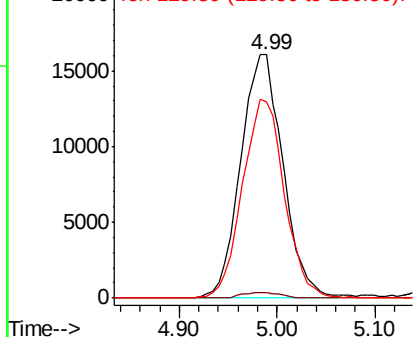


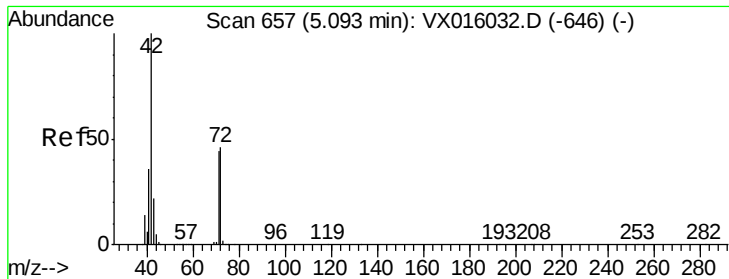
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 85.536 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

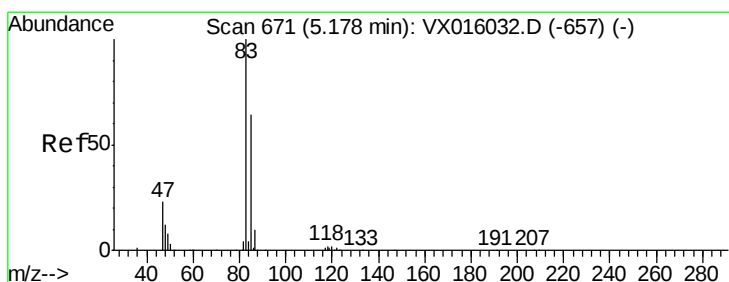
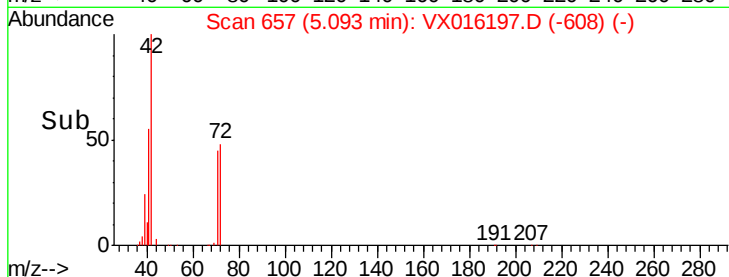
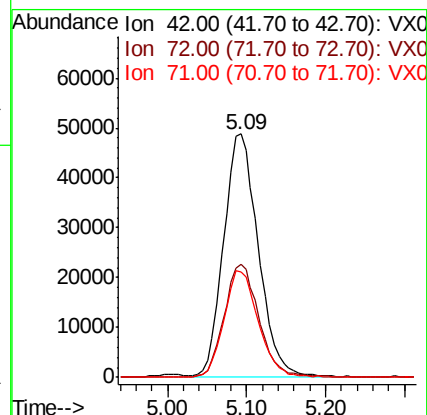
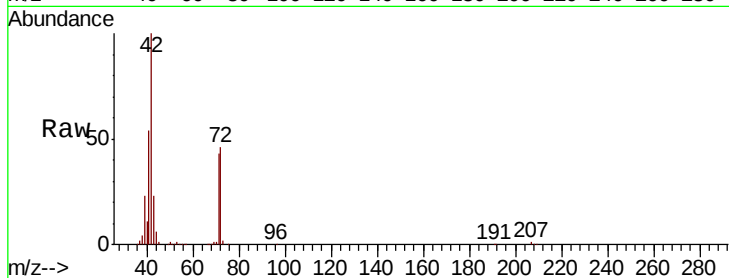
Tot Ion: 42 Resp: 148647

Ion Ratio Lower Upper

42 100

72 47.1 37.1 55.7

71 43.5 34.5 51.7



#30

Chloroform

Concen: 17.234 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX016197.D

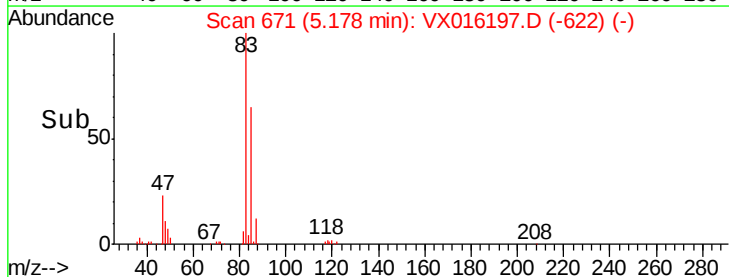
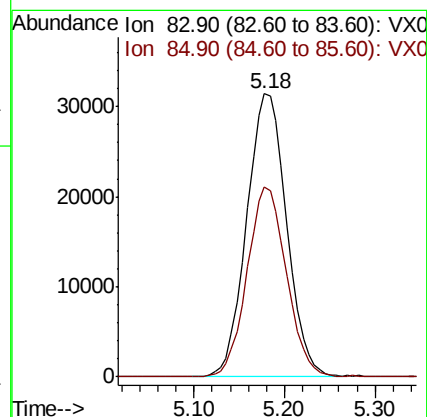
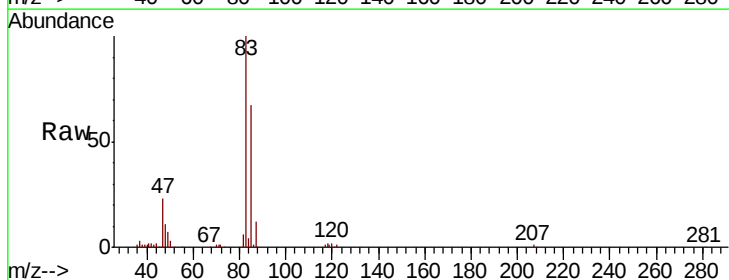
Acq: 13 May 2020 23:01

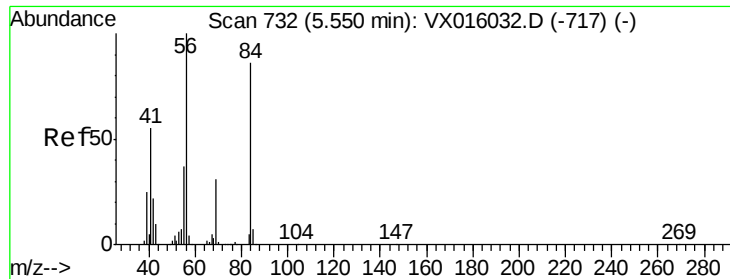
Tgt Ion: 83 Resp: 95680

Ion Ratio Lower Upper

83 100

85 67.1 51.6 77.4

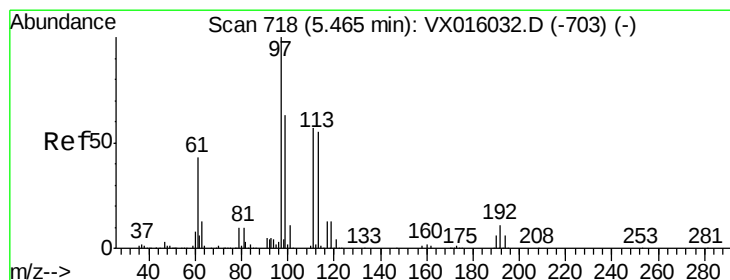
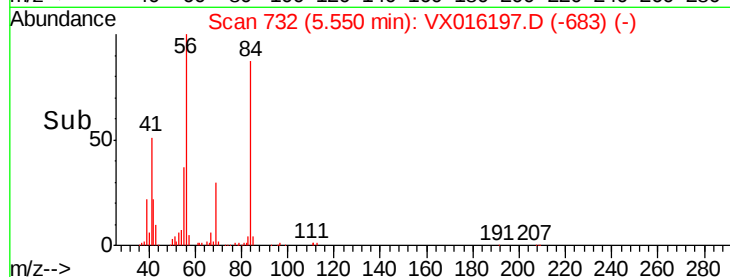
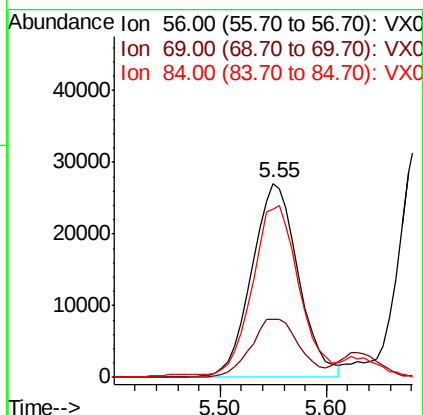
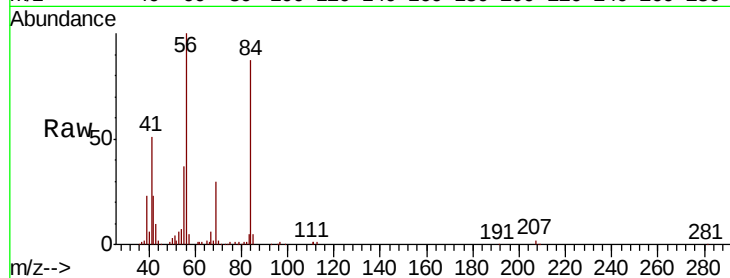




#31
Cyclohexane
Concen: 16.287 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

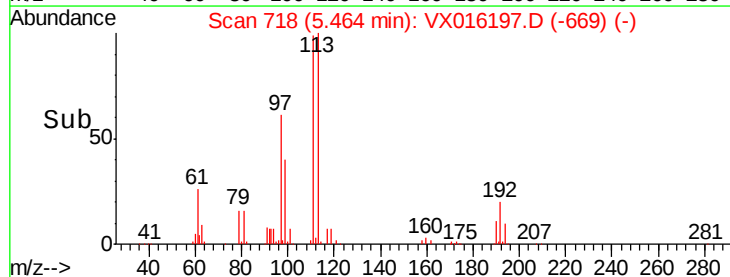
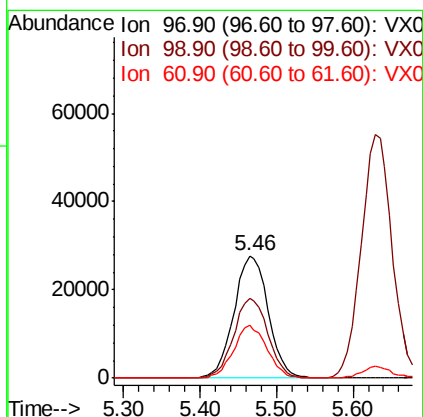
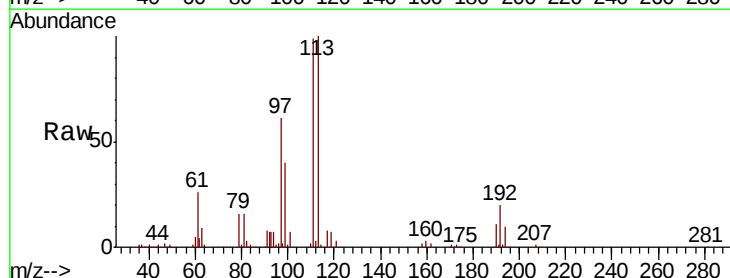
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

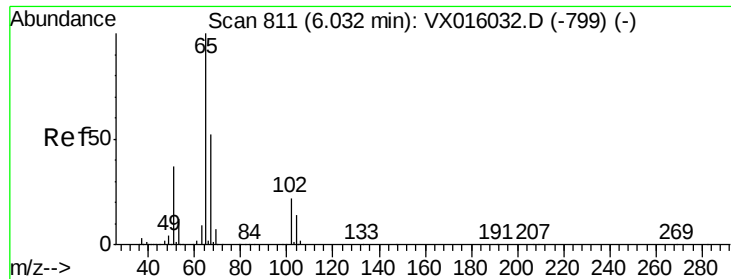
Tot Ion: 56 Resp: 82536
Ion Ratio Lower Upper
56 100
69 30.1 25.0 37.6
84 84.9 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 17.073 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 97 Resp: 86156
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 42.1 34.5 51.7

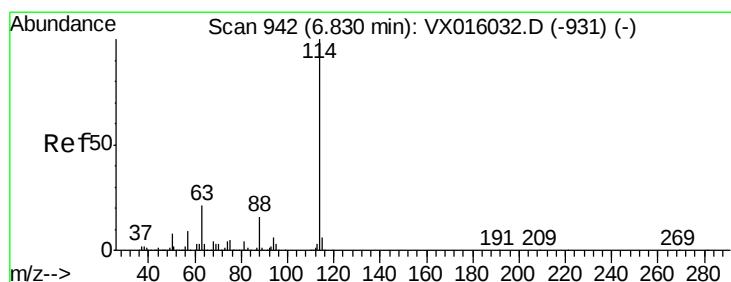
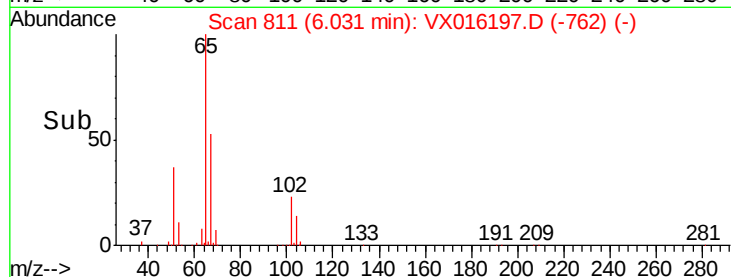
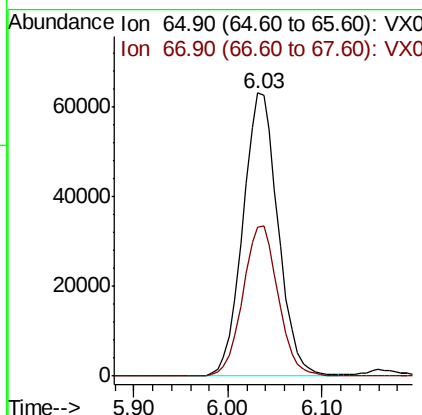
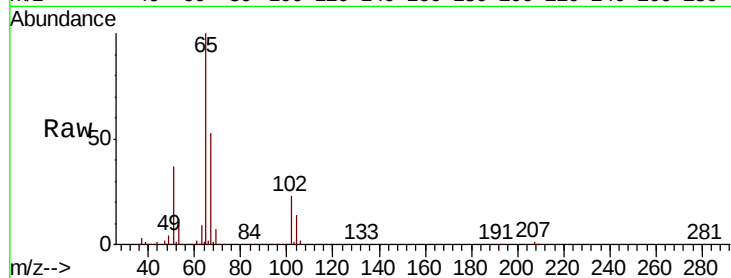




#33
 1,2-Dichloroethane-d4
 Concen: 45.313 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

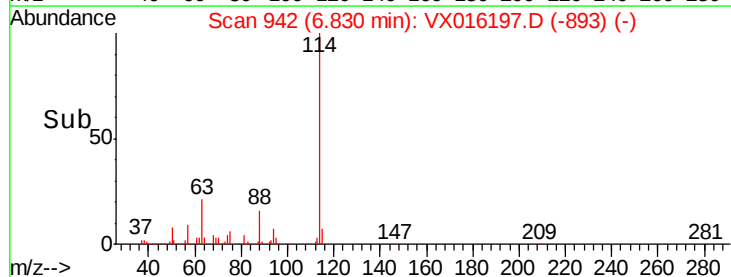
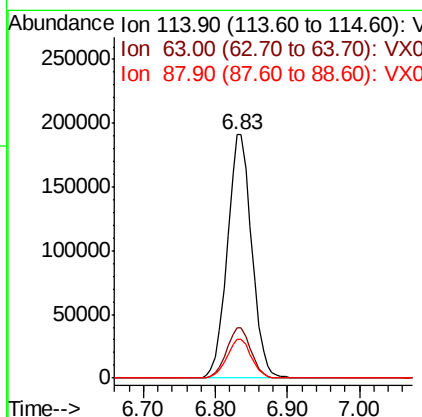
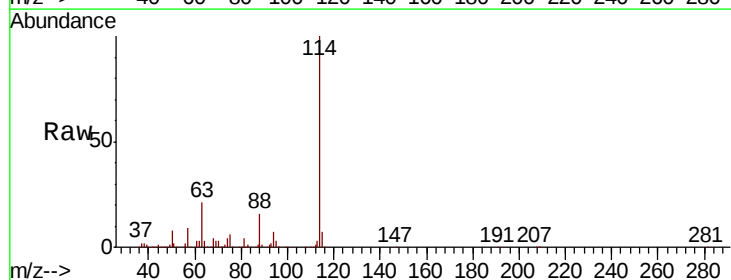
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

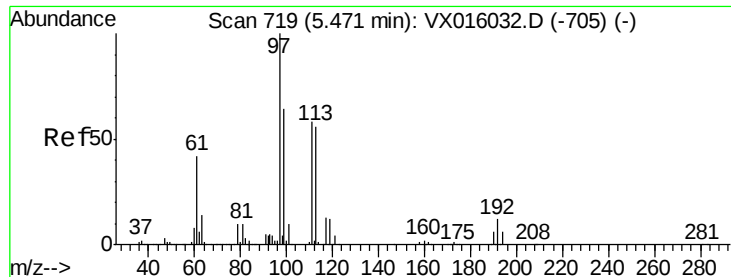
Tot Ion: 65 Resp: 165290
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion: 114 Resp: 450546
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.8
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.805 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

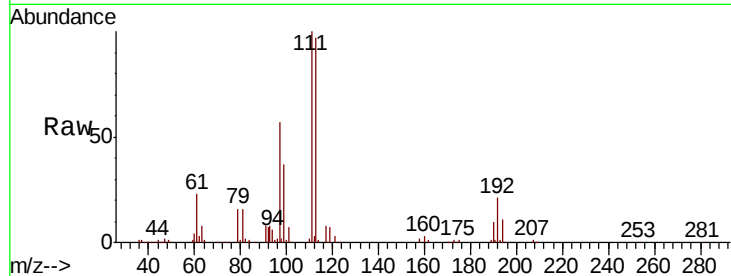
Tot Ion:113 Resp: 130747

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

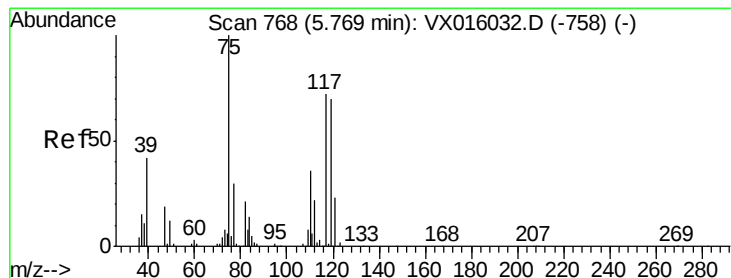
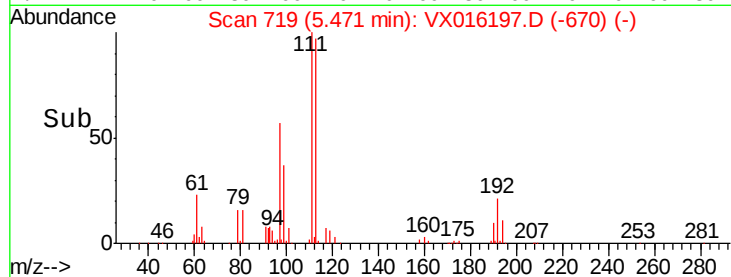
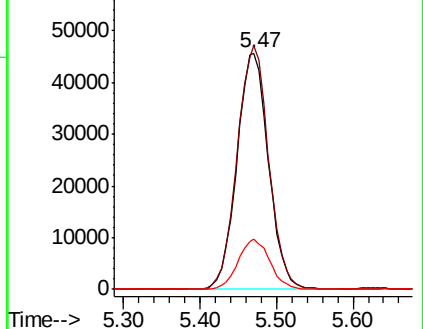
192 21.3 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.111 ug/l

RT: 5.78 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

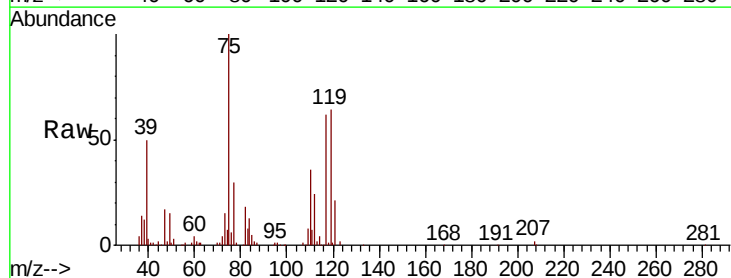
Tgt Ion: 75 Resp: 71452

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.1

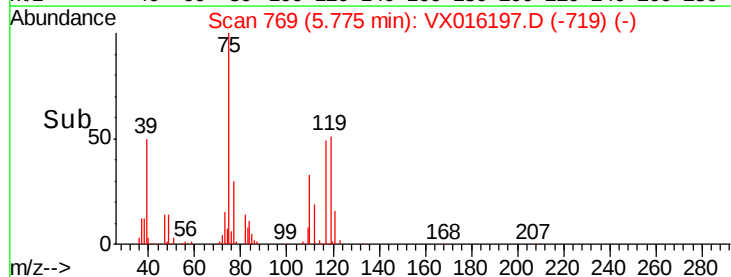
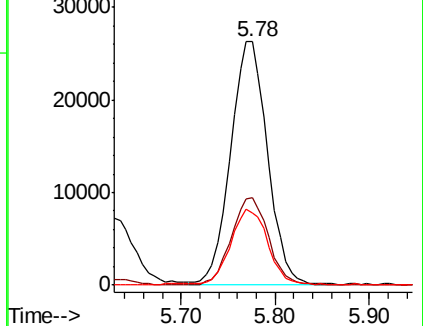
77 31.7 25.0 37.6

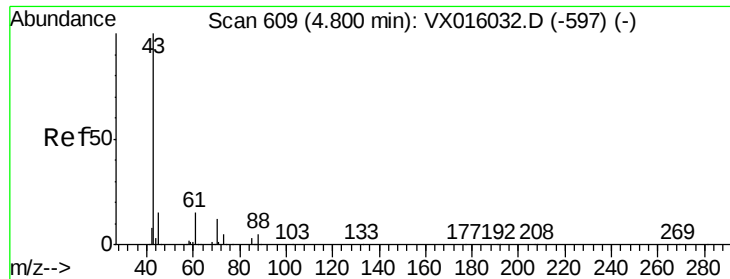


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

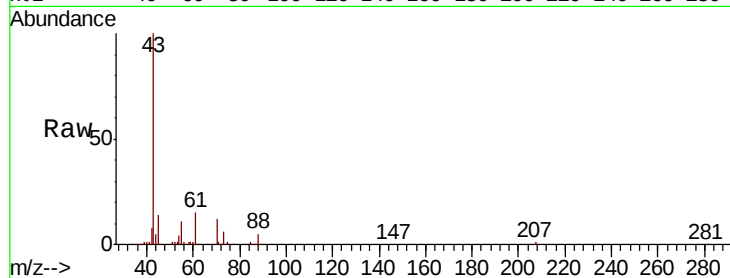




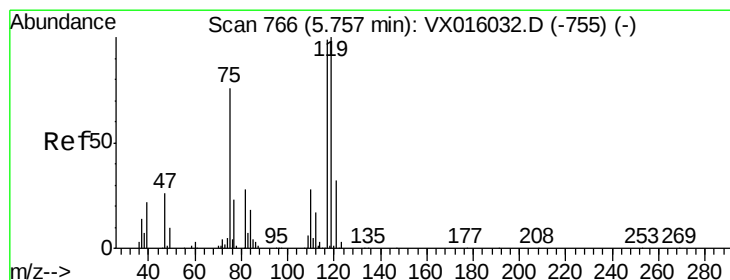
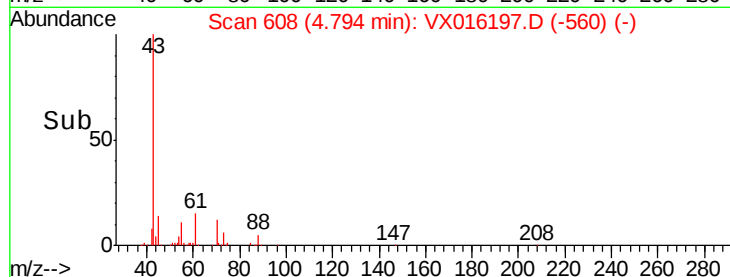
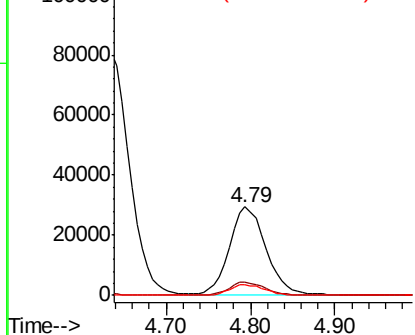
#37
Ethyl Acetate
Concen: 16.746 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleID :
VX0513WBS02

Tot Ion: 43 Resp: 86079
Ion Ratio Lower Upper
43 100
61 15.6 11.7 17.5
70 12.0 9.3 13.9

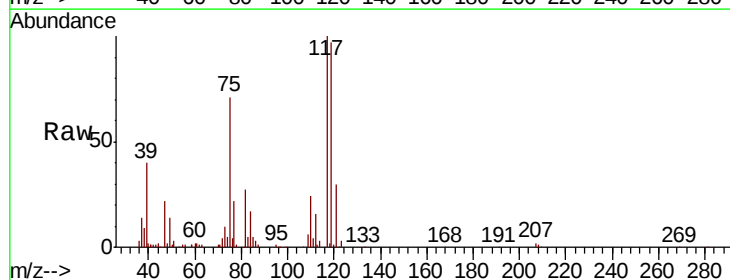


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

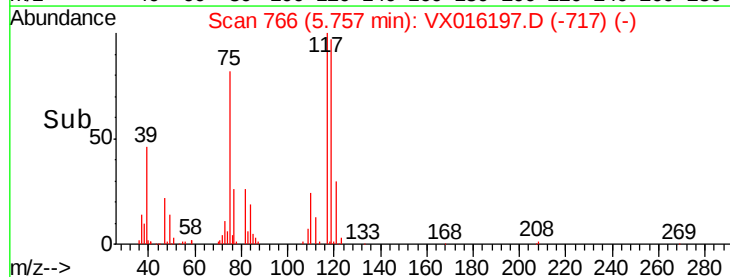
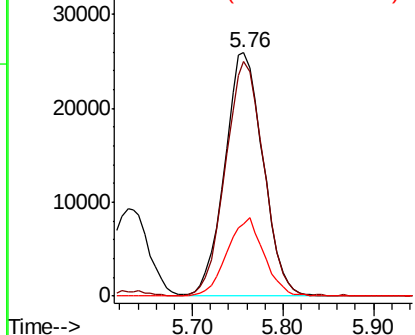


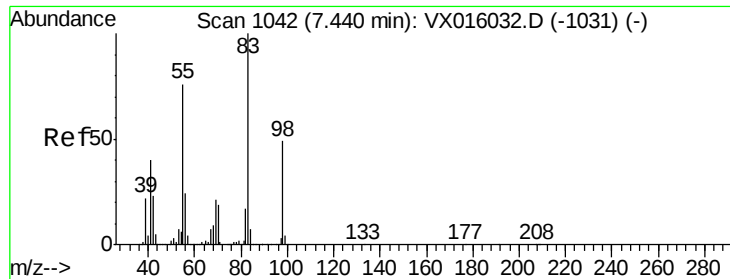
#38
Carbon Tetrachloride
Concen: 16.904 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 117 Resp: 76201
Ion Ratio Lower Upper
117 100
119 96.3 80.3 120.5
121 29.9 25.7 38.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

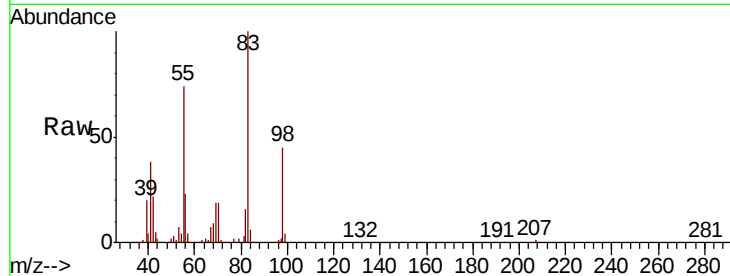




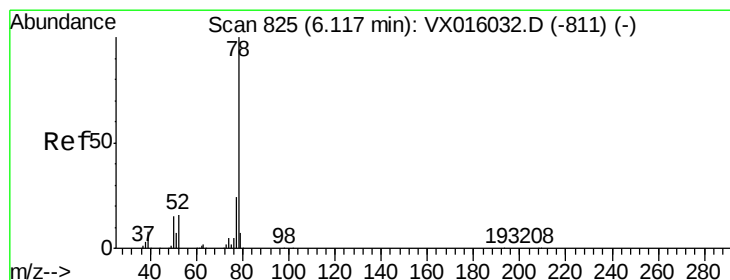
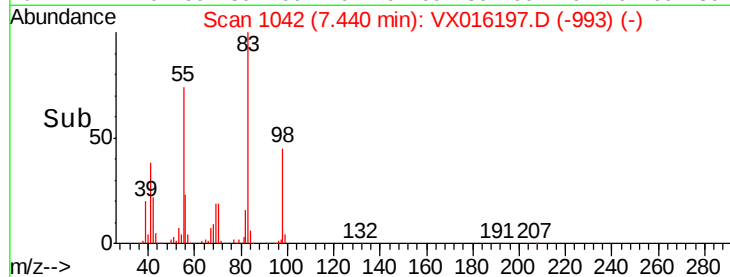
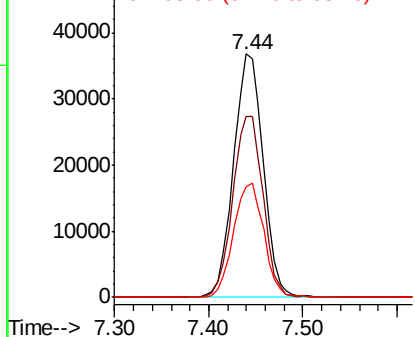
#39
Methvlcvclohexane
Concen: 15.115 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

Tot Ion: 83 Resp: 80729
Ion Ratio Lower Upper
83 100
55 74.5 61.1 91.7
98 45.5 39.0 58.4

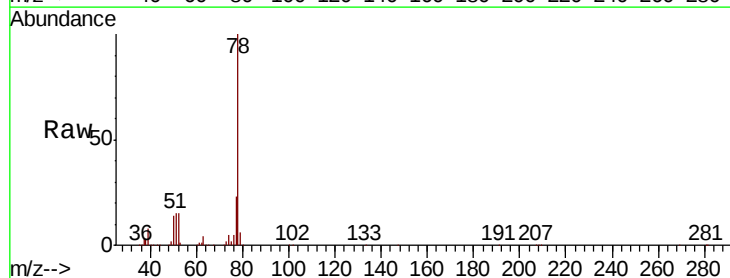


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

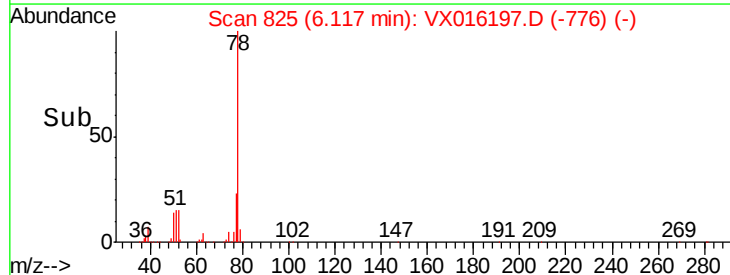
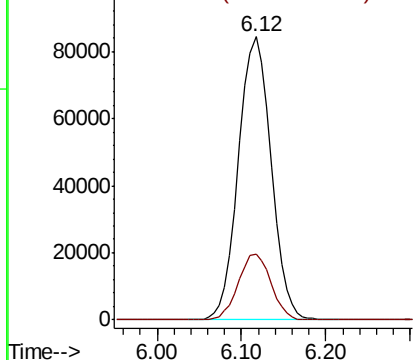


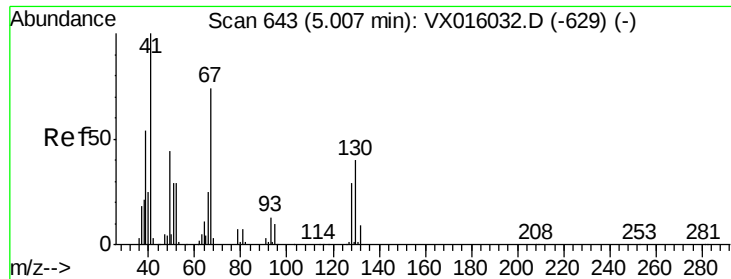
#40
Benzene
Concen: 17.091 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 78 Resp: 221778
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

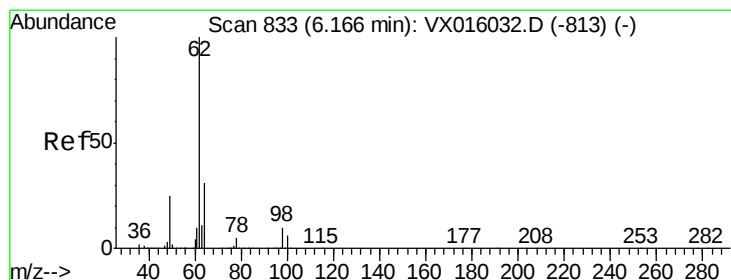
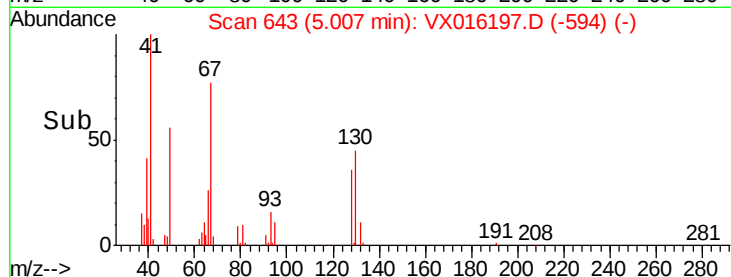
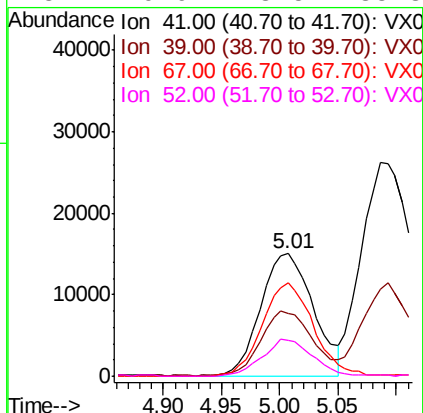
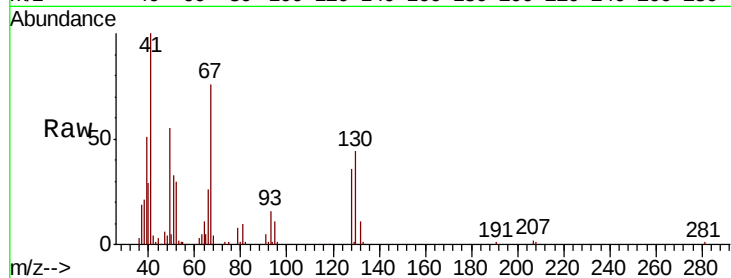




#41
Methacrylonitrile
Concen: 16.955 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

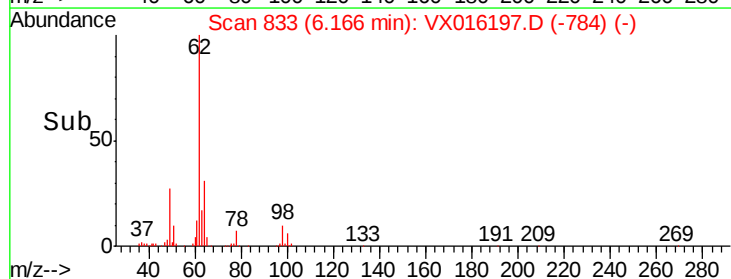
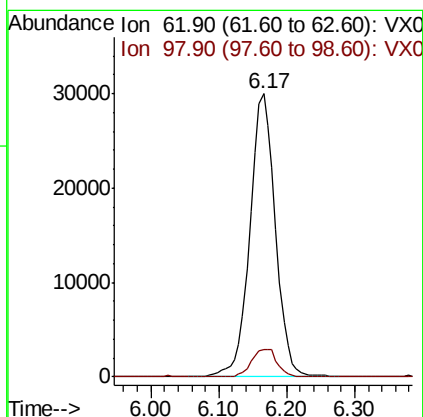
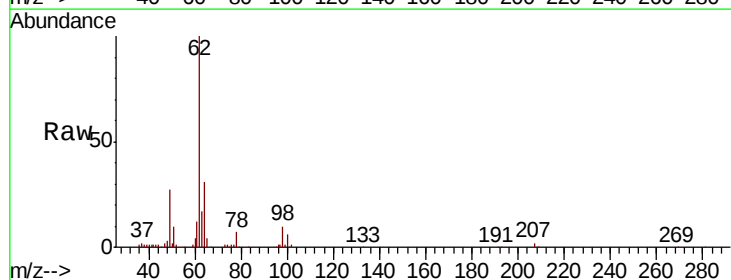
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

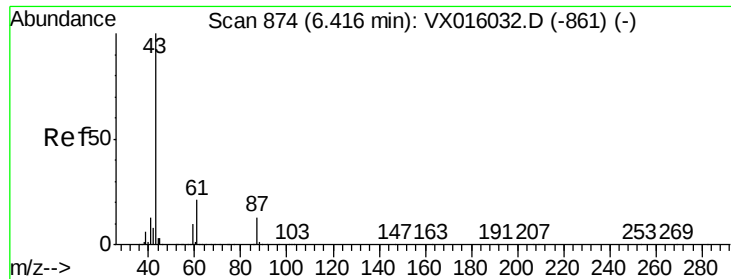
Tot Ion:	41	Resp:	47067
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.2	64.8
67	74.2	59.3	88.9
52	29.9	23.5	35.3



#42
1,2-Dichloroethane
Concen: 16.828 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion:	62	Resp:	78664
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



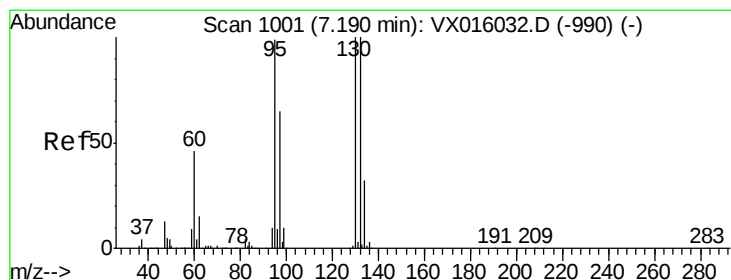
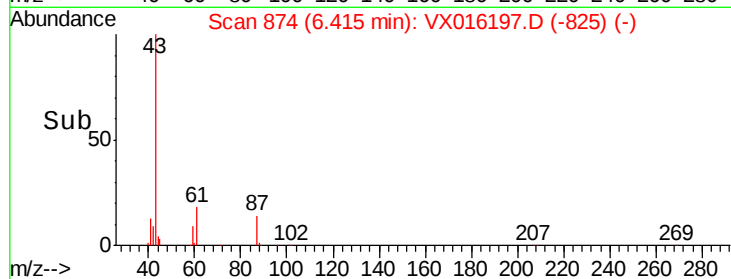
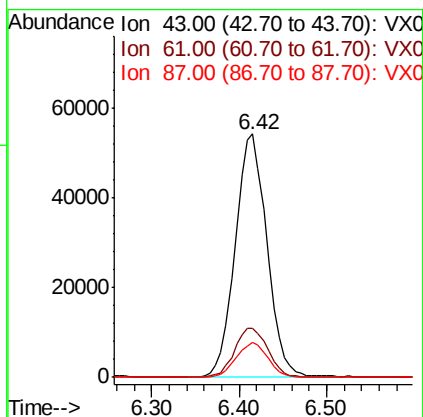
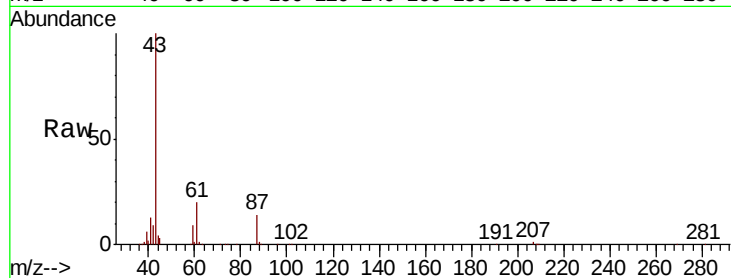


#43

Isopropyl Acetate
 Concen: 16.506 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

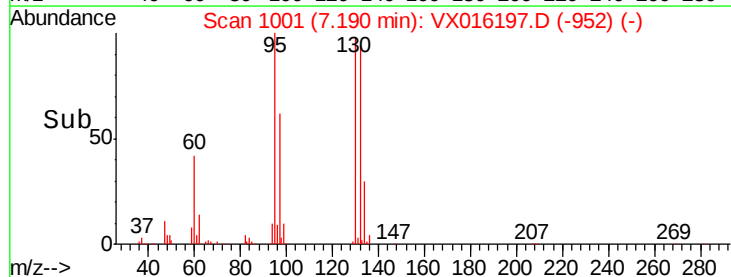
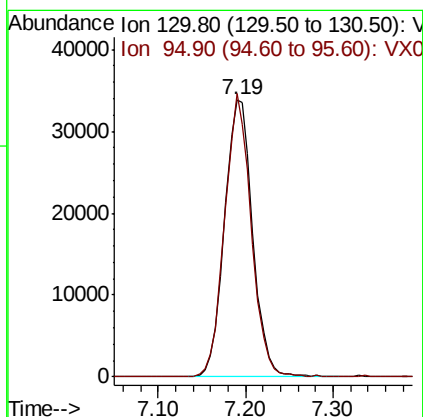
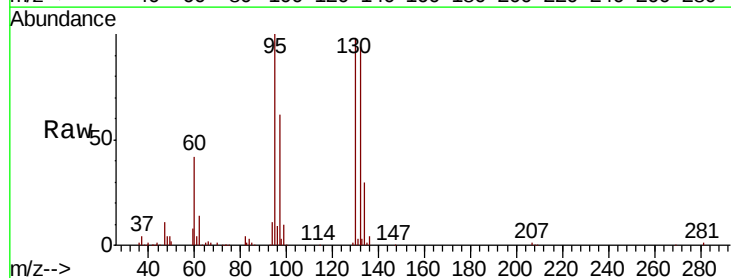
Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	17.0	25.4
87	14.4	11.0	16.6

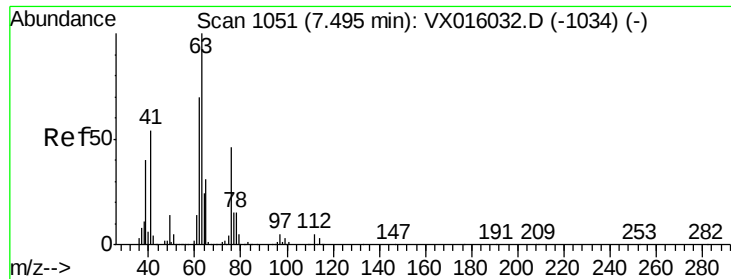


#44

Trichloroethene
 Concen: 16.366 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 17.661 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

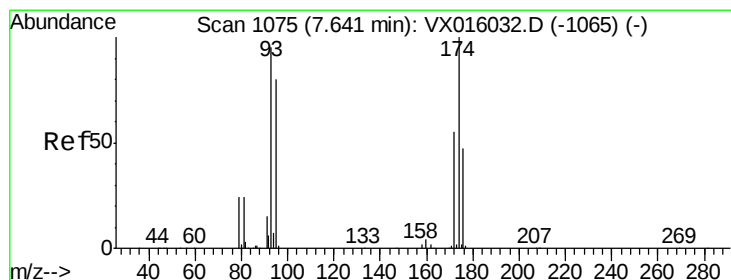
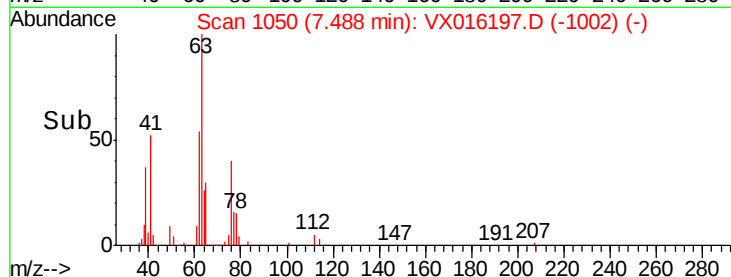
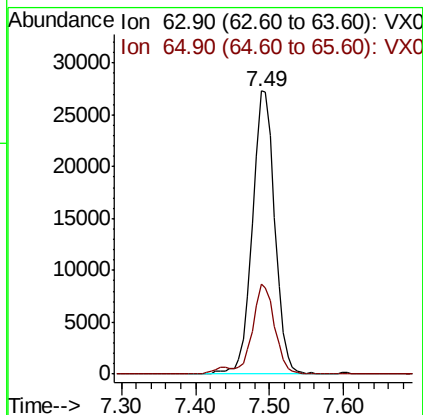
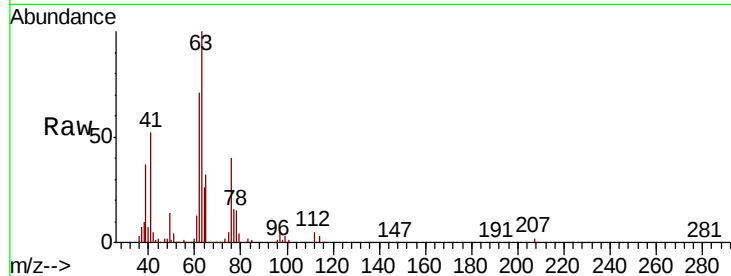
VX0513WBS02

Tot Ion: 63 Resp: 57989

Ion Ratio Lower Upper

63 100

65 32.0 24.4 36.6



#46

Dibromomethane

Concen: 17.068 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

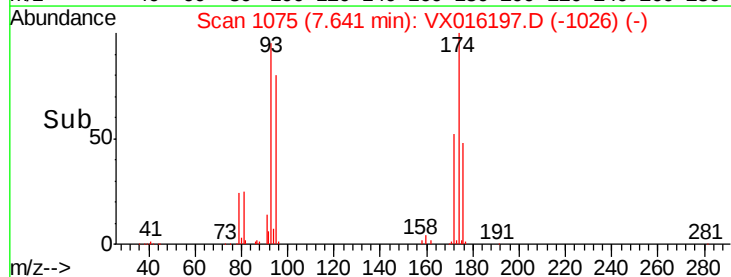
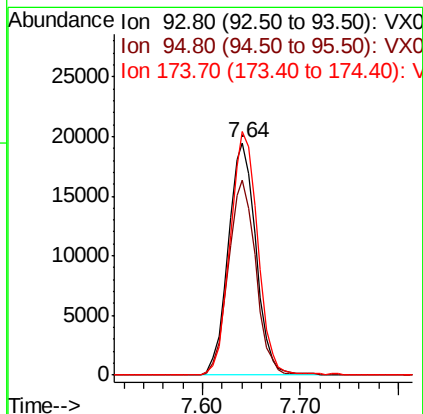
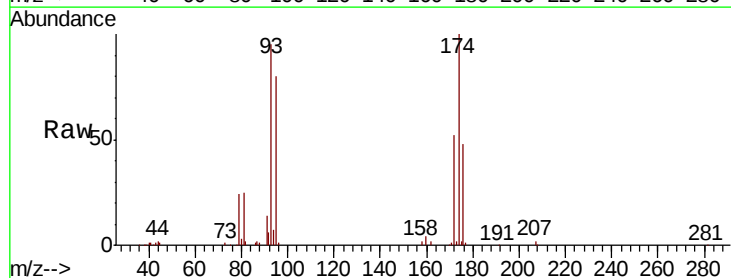
Tgt Ion: 93 Resp: 38085

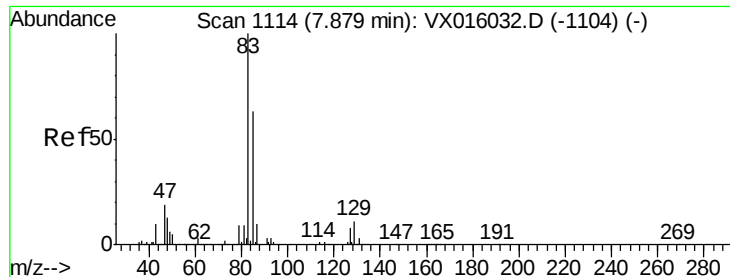
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 104.8 84.2 126.4





#47

Bromodichloromethane

Concen: 17.110 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

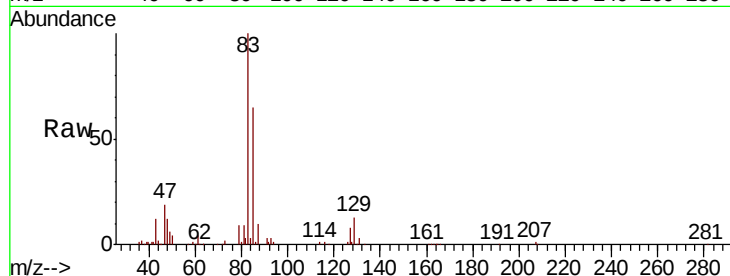
Tot Ion: 83 Resp: 77758

Ion Ratio Lower Upper

83 100

85 65.2 50.5 75.7

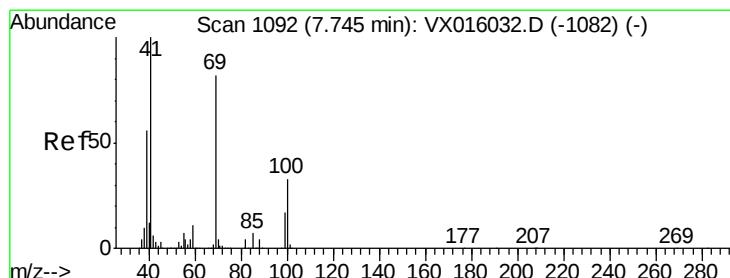
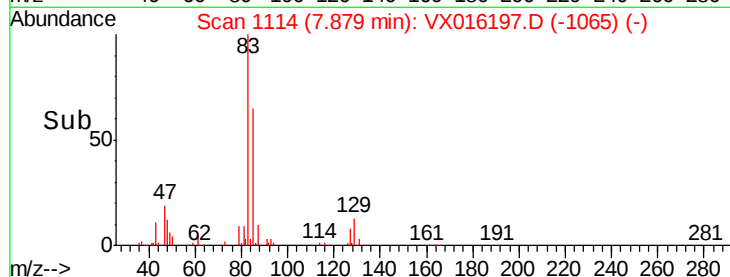
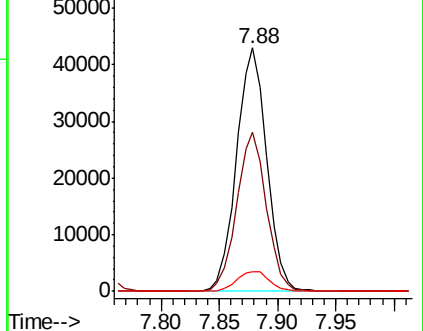
127 8.3 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 16.415 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

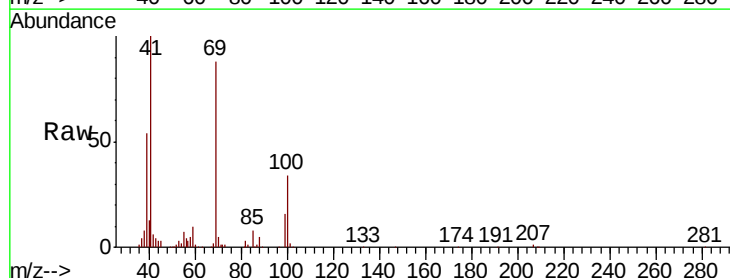
Tgt Ion: 41 Resp: 63794

Ion Ratio Lower Upper

41 100

69 87.2 67.8 101.6

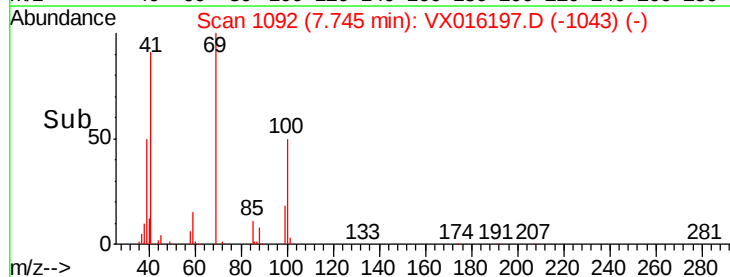
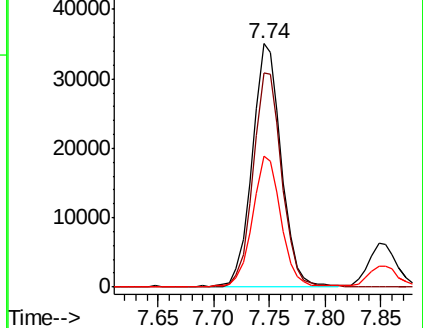
39 53.0 44.6 67.0

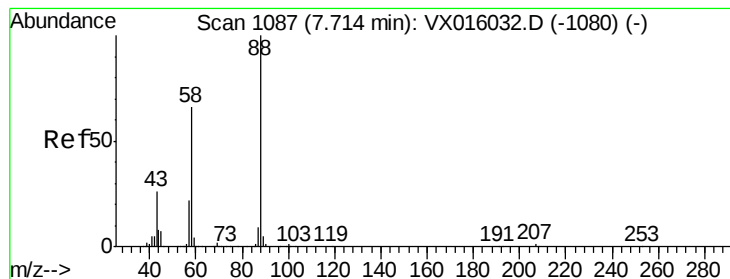


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 337.673 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

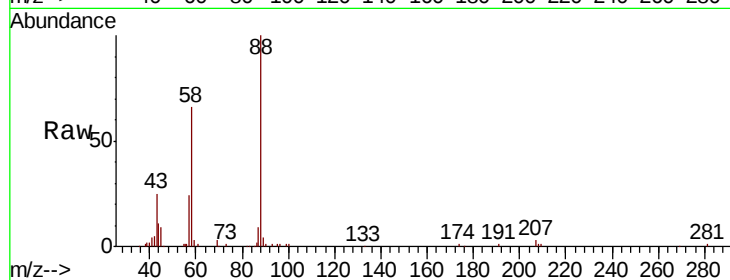
Tot Ion: 88 Resp: 31473

Ion Ratio Lower Upper

88 100

43 29.4 25.3 37.9

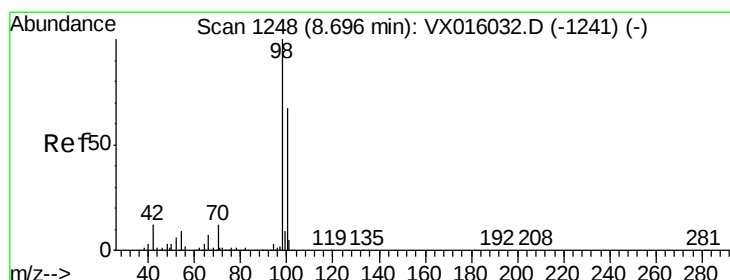
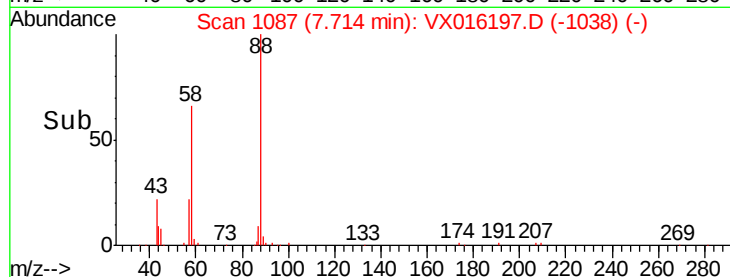
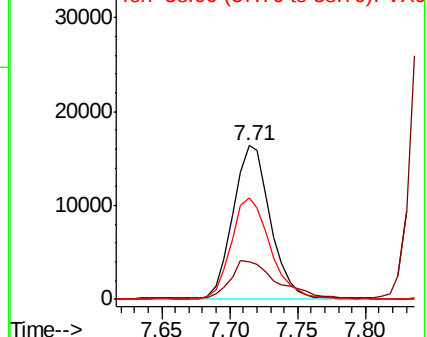
58 69.5 55.9 83.9



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: 46.605 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016197.D

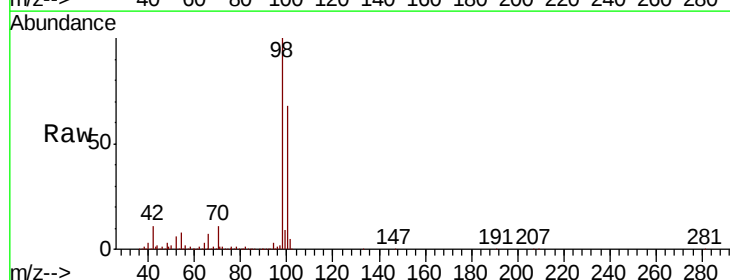
Acq: 13 May 2020 23:01

Tgt Ion: 98 Resp: 512575

Ion Ratio Lower Upper

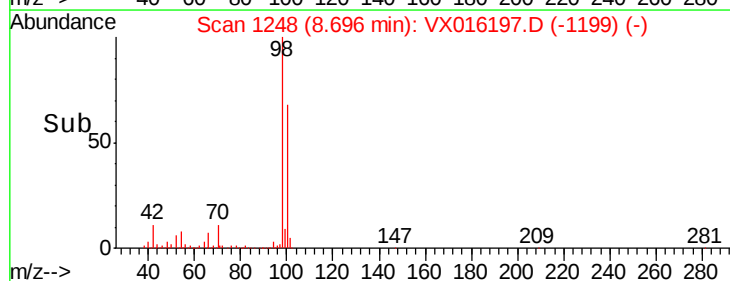
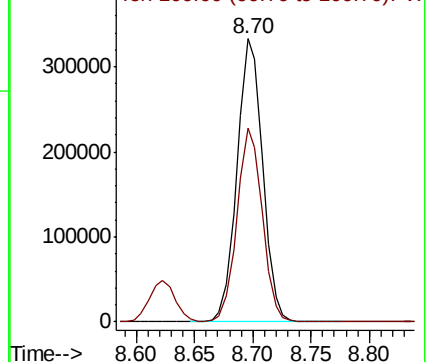
98 100

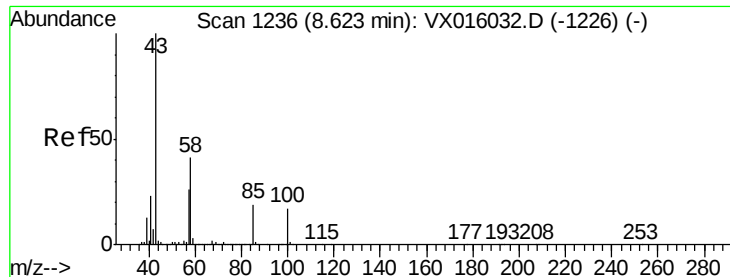
100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 85.755 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

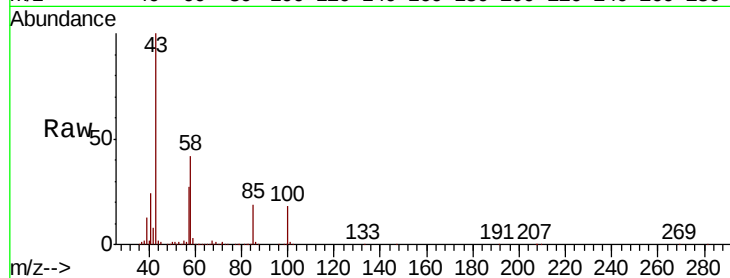
VX0513WBS02

Tot Ion: 43 Resp: 430389

Ion Ratio Lower Upper

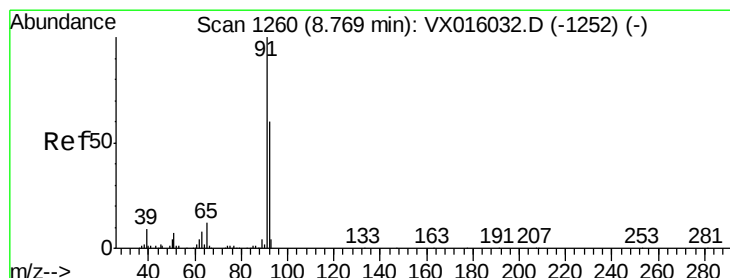
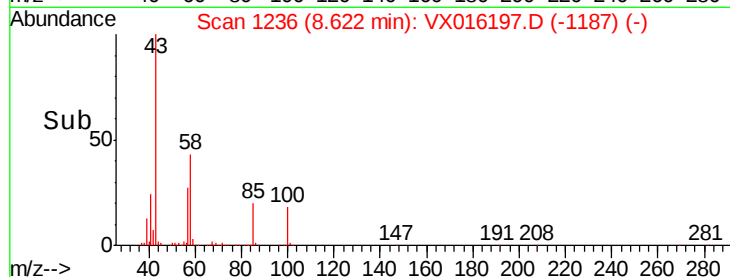
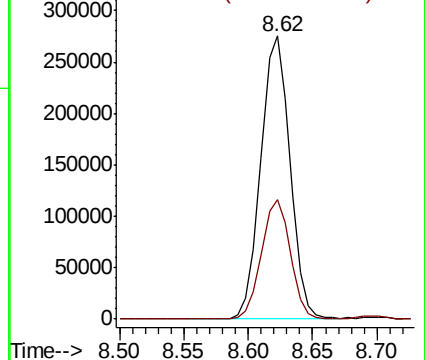
43 100

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: 17.517 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016197.D

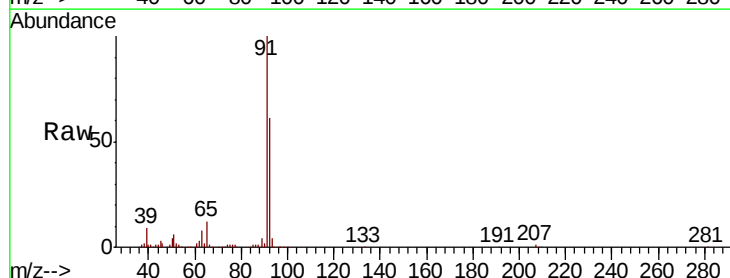
Acq: 13 May 2020 23:01

Tgt Ion: 92 Resp: 141683

Ion Ratio Lower Upper

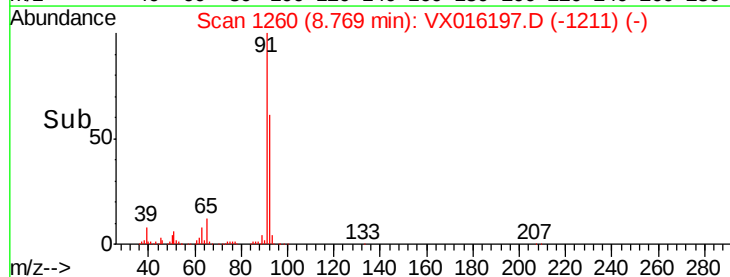
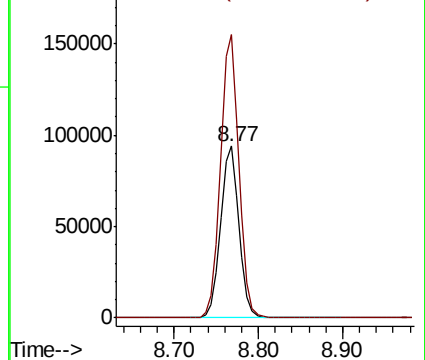
92 100

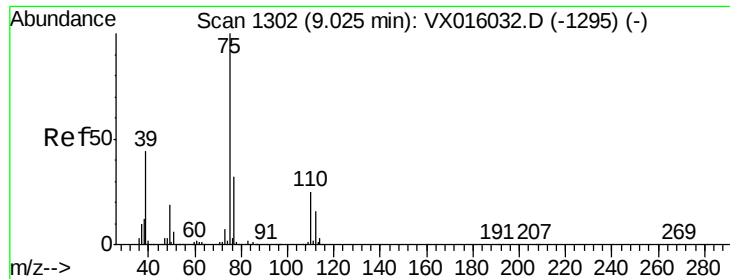
91 165.0 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

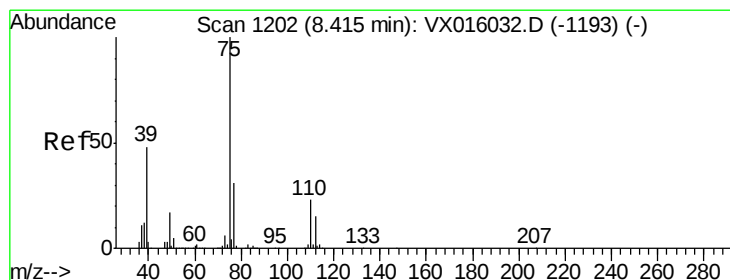
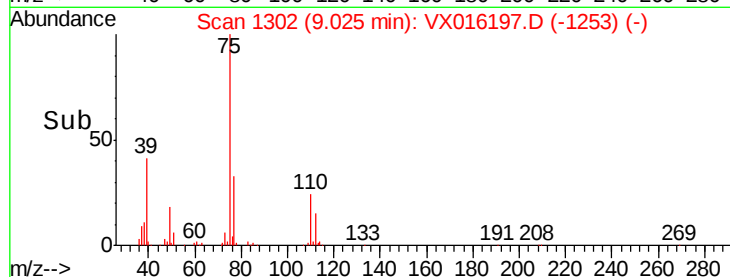
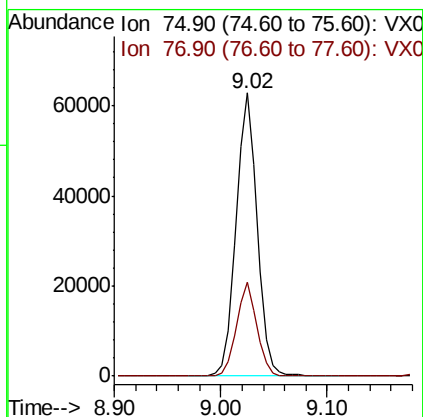
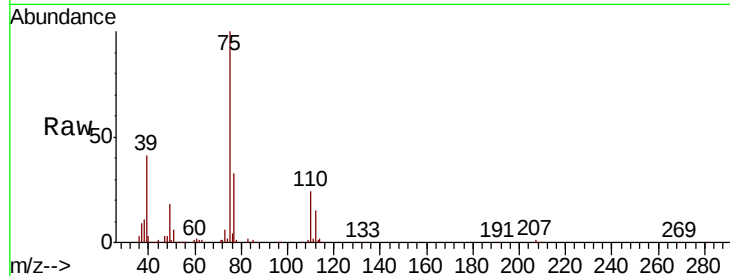




#53
t-1,3-Dichloropropene
Concen: 16.208 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

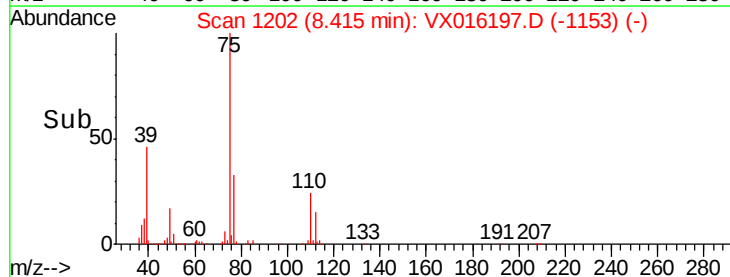
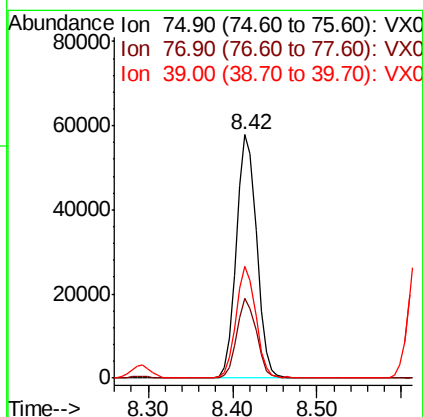
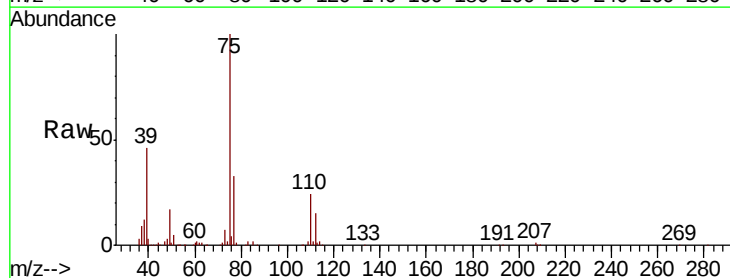
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

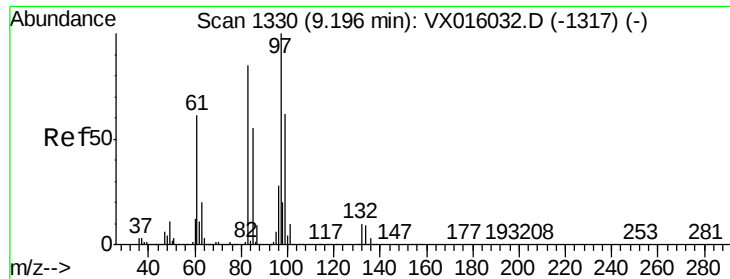
Tot Ion: 75 Resp: 87824
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 16.556 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 75 Resp: 93699
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1
39 45.6 38.7 58.1

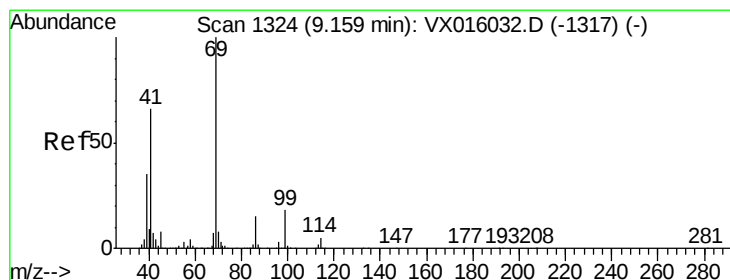
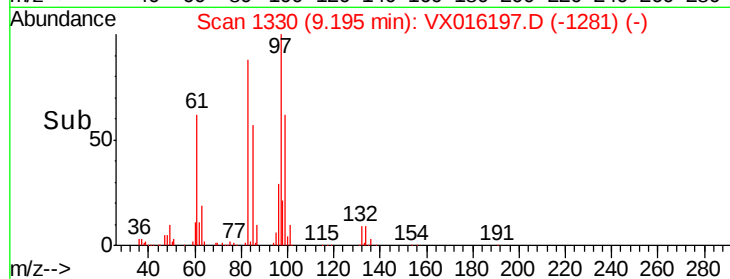
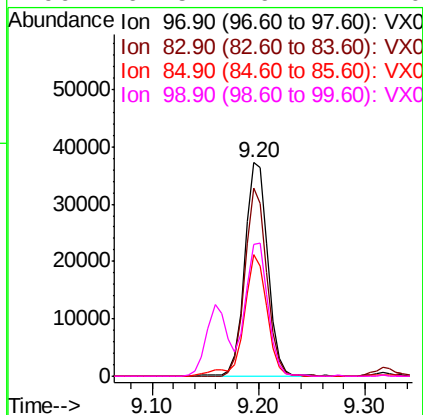
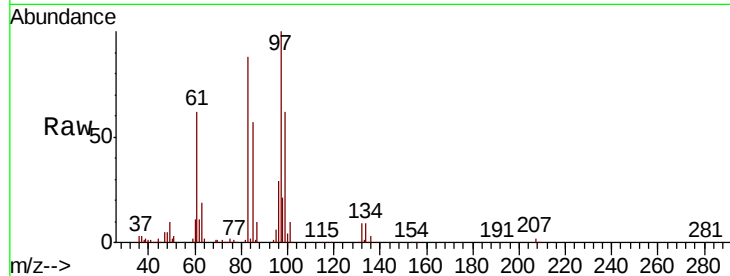




#55
 1,1,2-Trichloroethane
 Concen: 17.786 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

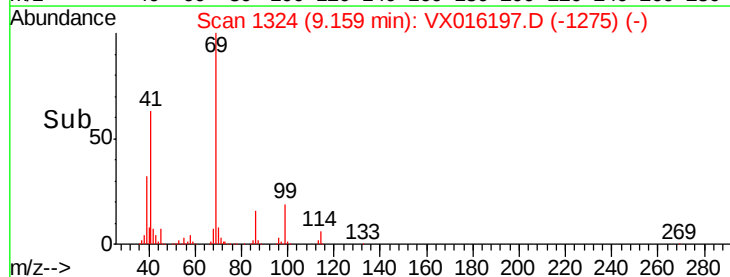
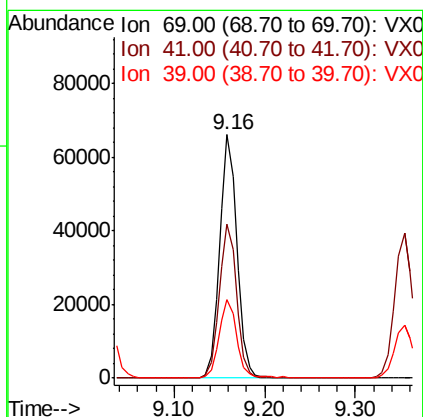
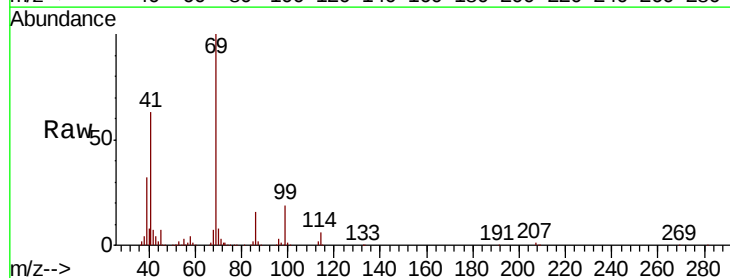
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

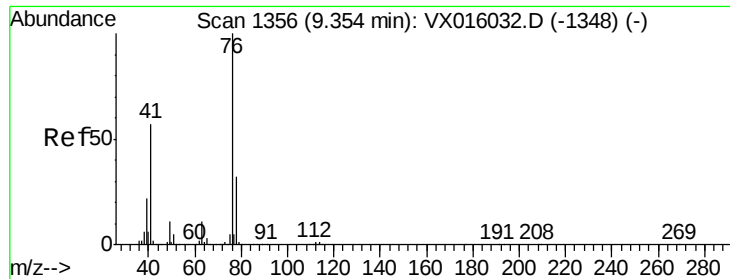
Tot Ion:	97	Resp:	56602
Ion	Ratio	Lower	Upper
97	100		
83	87.9	67.8	101.8
85	57.0	43.8	65.8
99	61.5	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 17.016 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion:	69	Resp:	88389
Ion	Ratio	Lower	Upper
69	100		
41	63.8	52.2	78.4
39	32.9	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.654 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

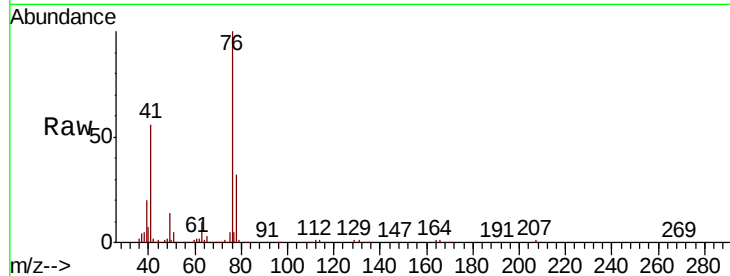
VX0513WBS02

Tot Ion: 76 Resp: 98029

Ion Ratio Lower Upper

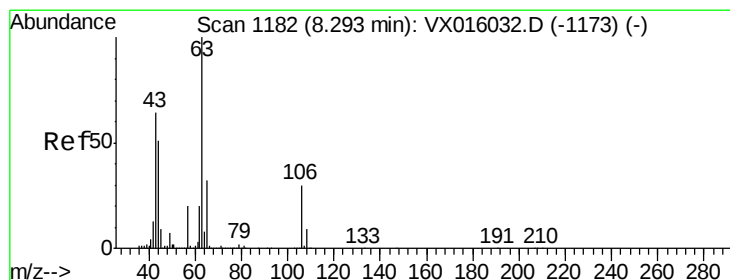
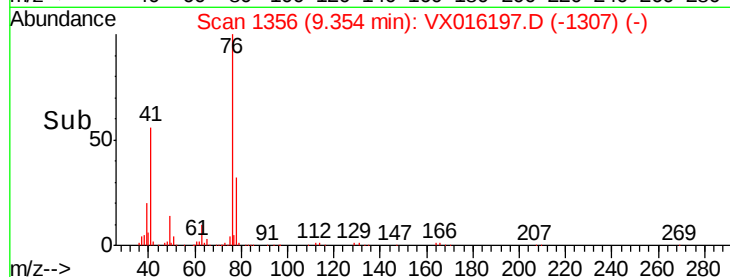
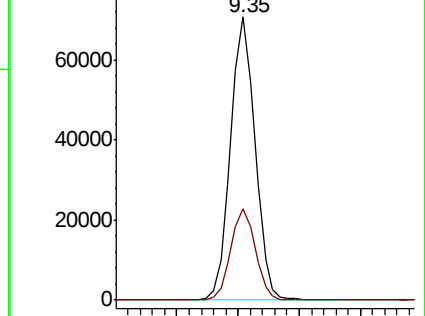
76 100

78 32.6 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.706 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016197.D

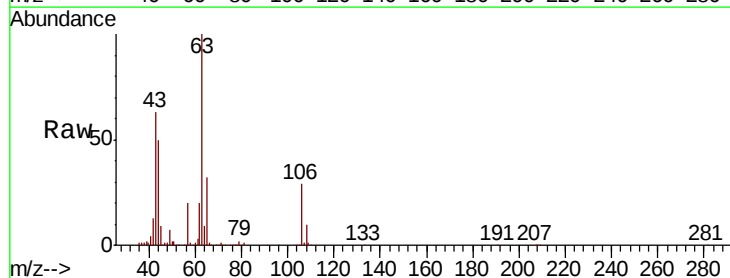
Acq: 13 May 2020 23:01

Tgt Ion: 63 Resp: 248077

Ion Ratio Lower Upper

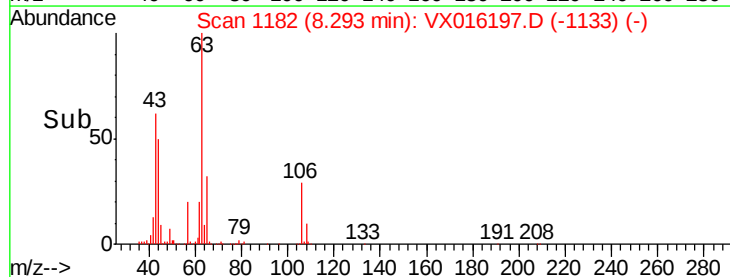
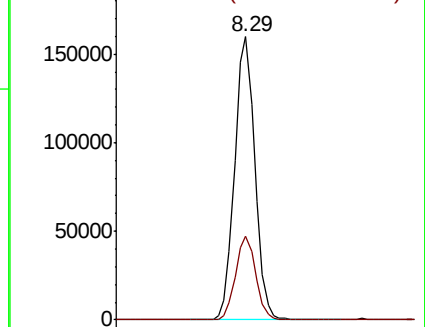
63 100

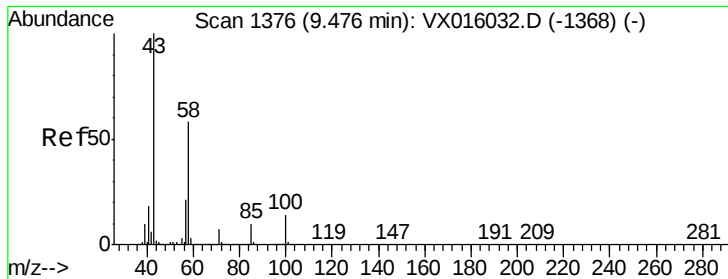
106 29.3 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

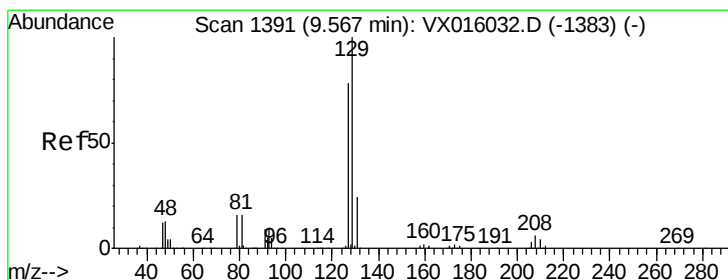
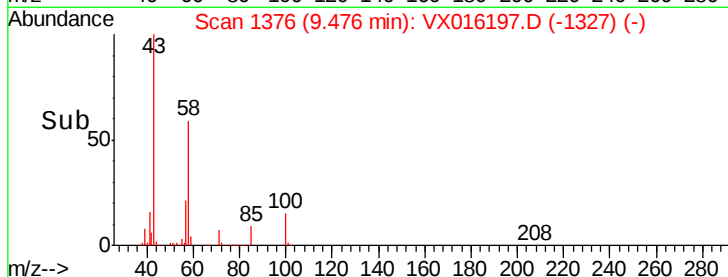
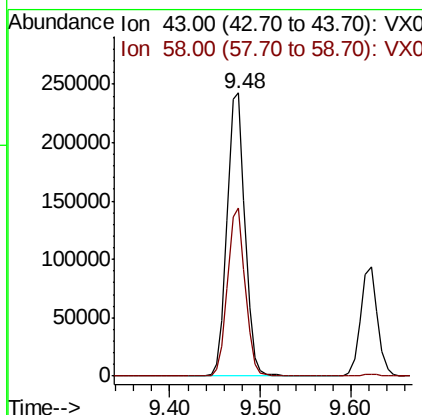
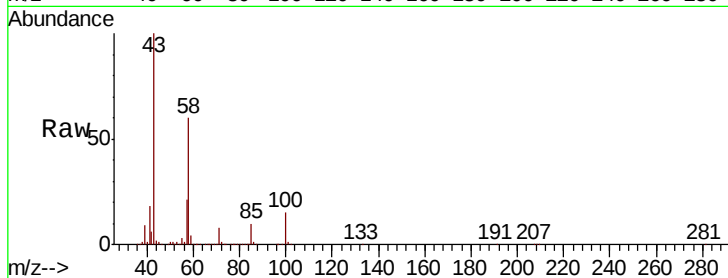




#59
2-Hexanone
Concen: 84.477 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

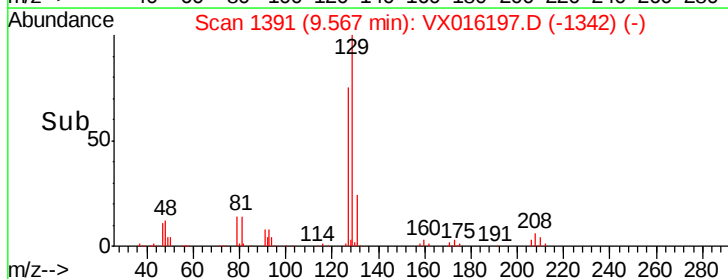
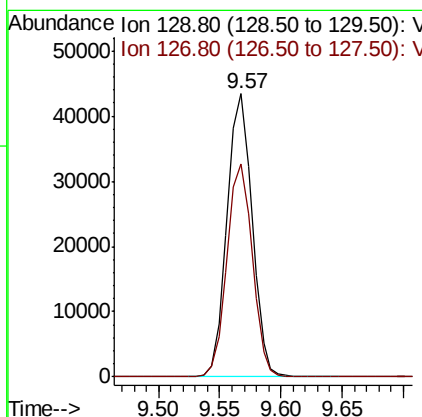
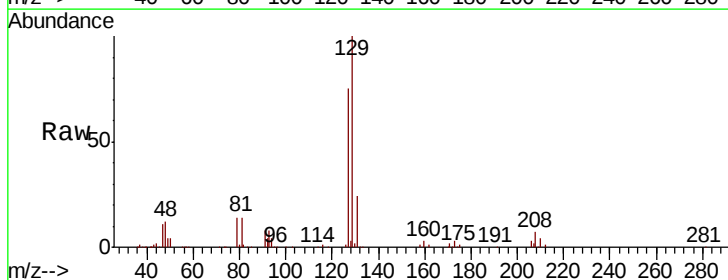
Instrument :
MSVOA_X
ClientSampled :
VX0513WBS02

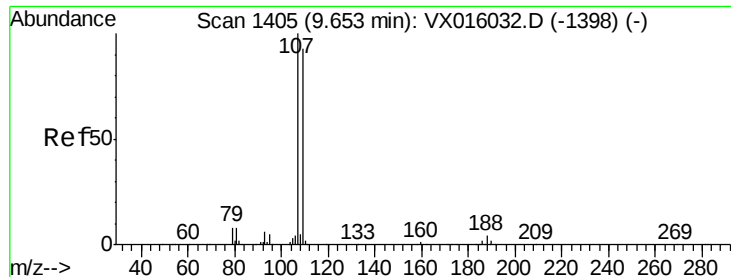
Tot Ion: 43 Resp: 332957
Ion Ratio Lower Upper
43 100
58 58.6 28.6 85.9



#60
Dibromochloromethane
Concen: 17.637 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 129 Resp: 61815
Ion Ratio Lower Upper
129 100
127 76.1 38.4 115.2





#61

1,2-Dibromoethane

Concen: 17.282 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

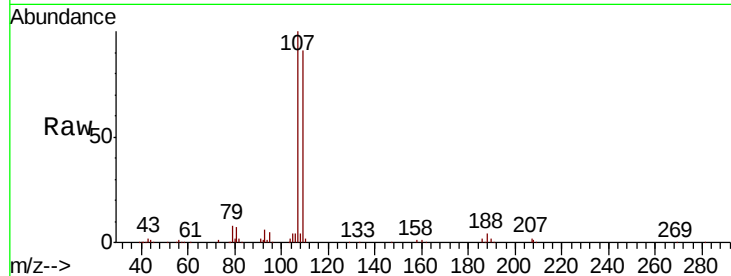
VX0513WBS02

Tot Ion:107 Resp: 59573

Ion Ratio Lower Upper

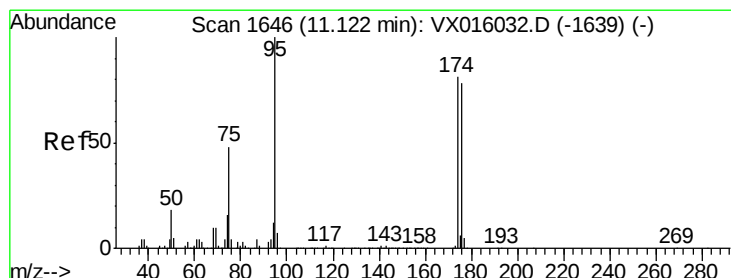
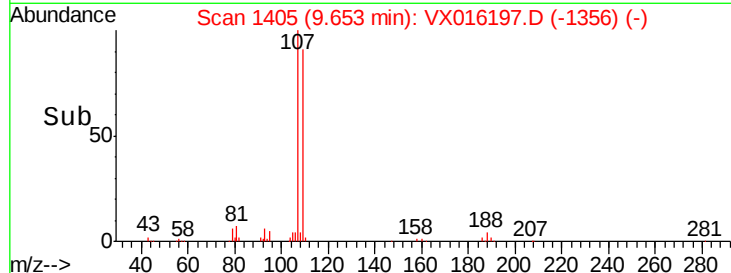
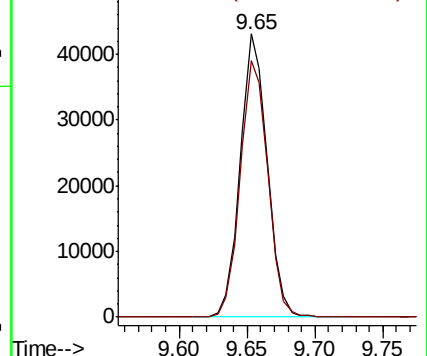
107 100

109 92.4 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: 46.533 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

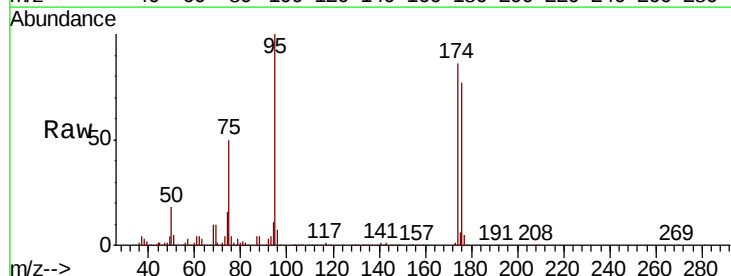
Tgt Ion: 95 Resp: 194656

Ion Ratio Lower Upper

95 100

174 83.3 0.0 159.4

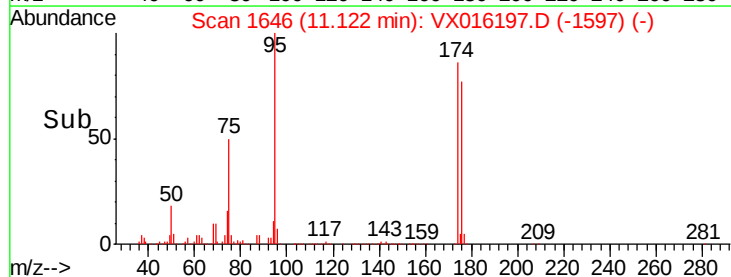
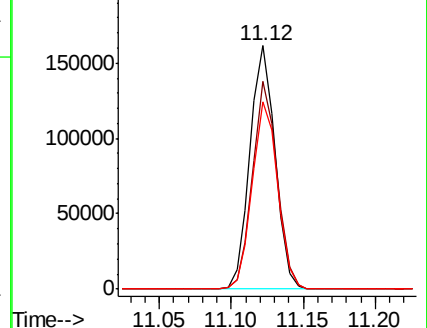
176 77.7 0.0 157.6

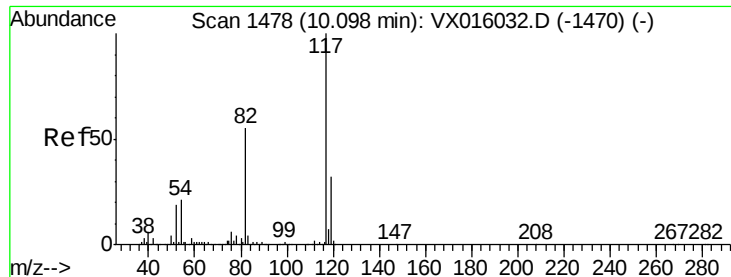


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

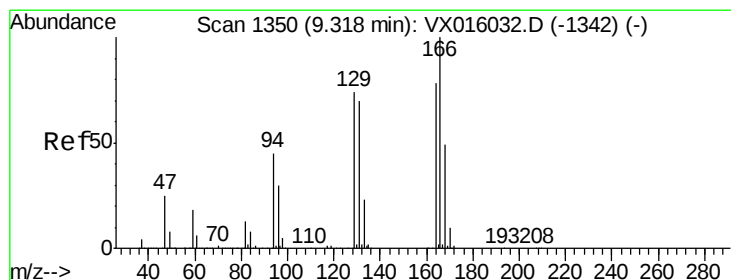
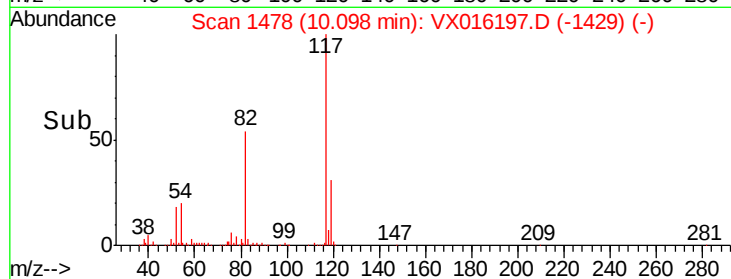
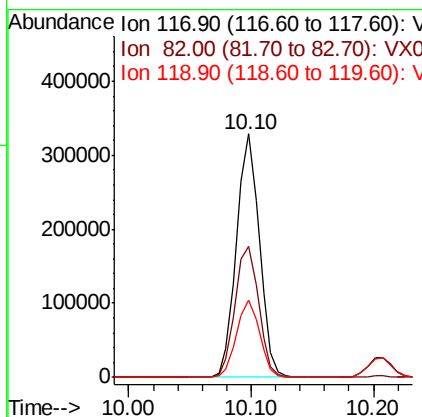
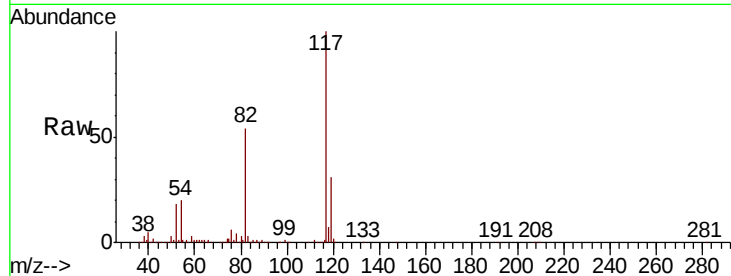




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

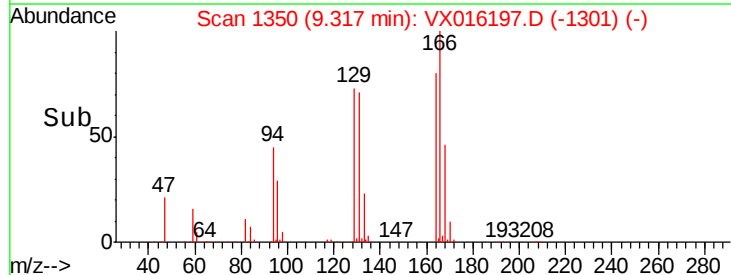
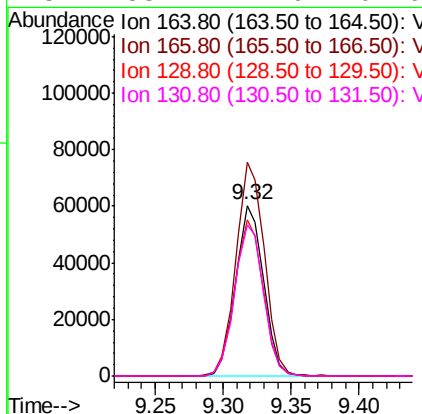
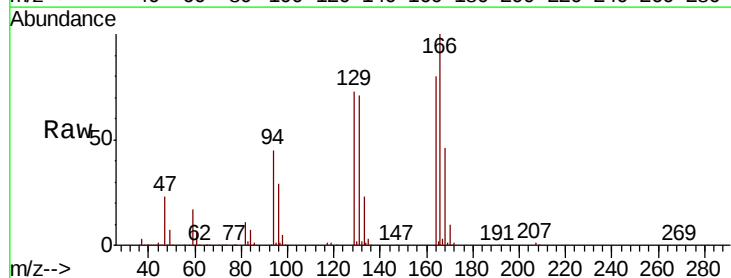
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

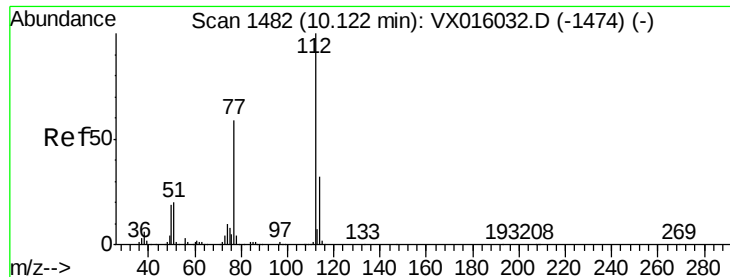
Tot Ion:117 Resp: 424535
Ion Ratio Lower Upper
117 100
82 54.0 44.4 66.6
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 16.623 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion:164 Resp: 86634
Ion Ratio Lower Upper
164 100
166 125.0 102.9 154.3
129 91.5 76.1 114.1
131 88.4 71.9 107.9

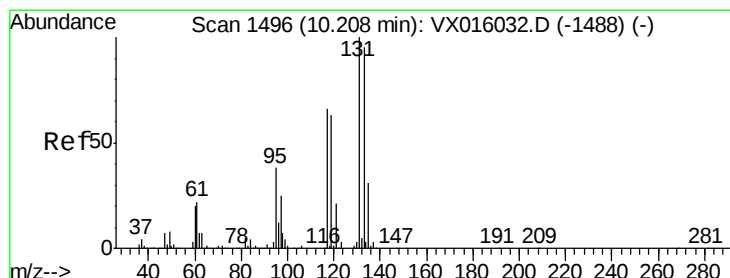
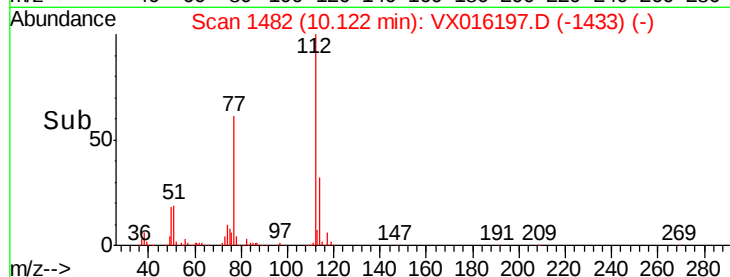
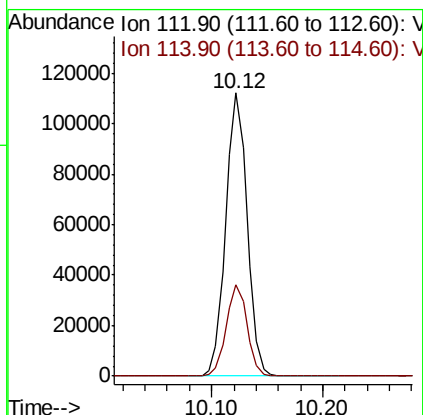
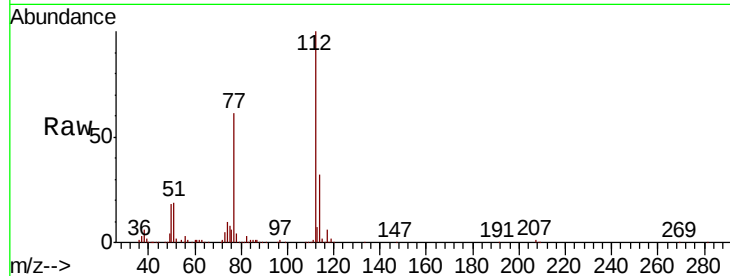




#65
Chlorobenzene
Concen: 16.799 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

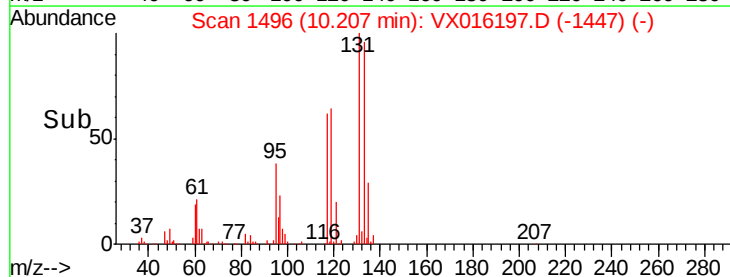
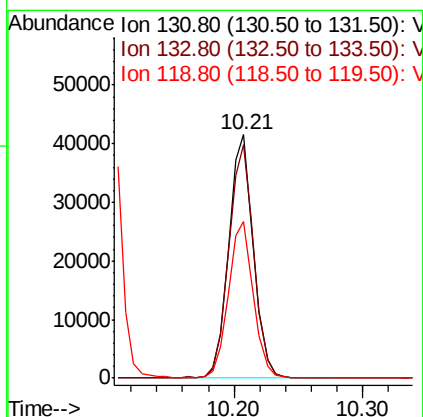
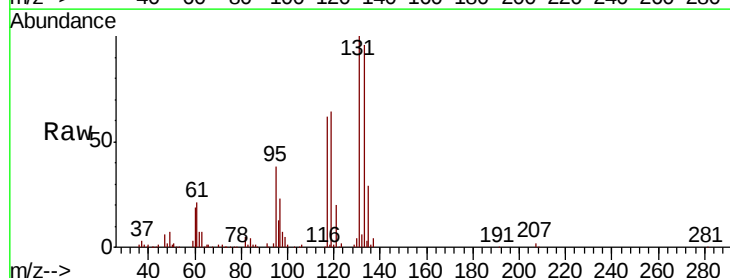
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

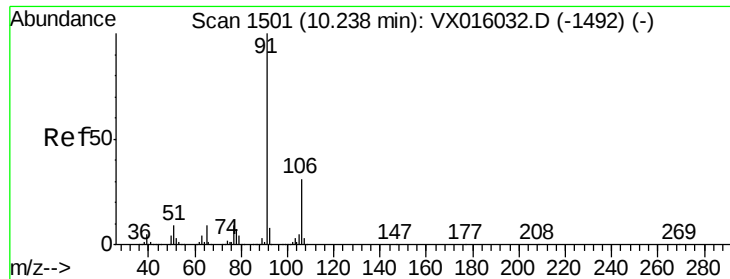
Tot Ion:112 Resp: 149335
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 16.942 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion:131 Resp: 55663
Ion Ratio Lower Upper
131 100
133 97.7 48.3 144.8
119 65.7 32.3 96.9





#67

Ethyl Benzene

Concen: 16.427 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

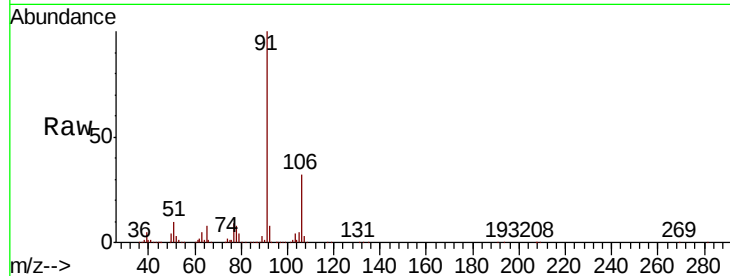
VX0513WBS02

Tot Ion: 91 Resp: 260545

Ion Ratio Lower Upper

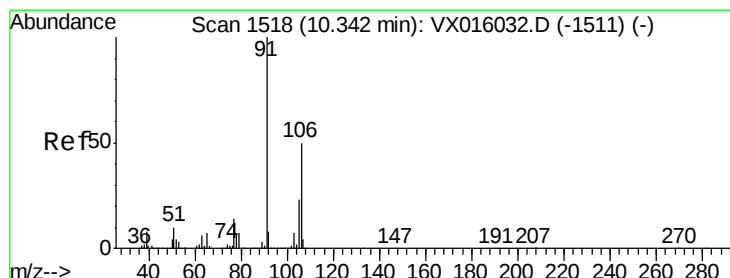
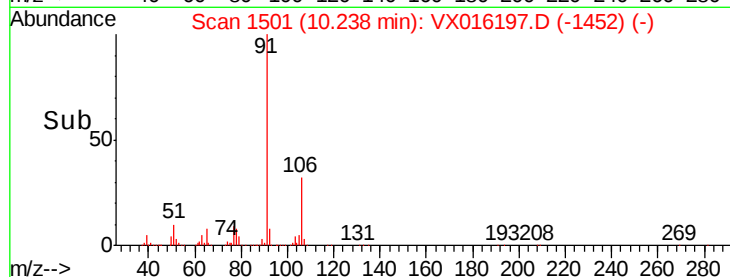
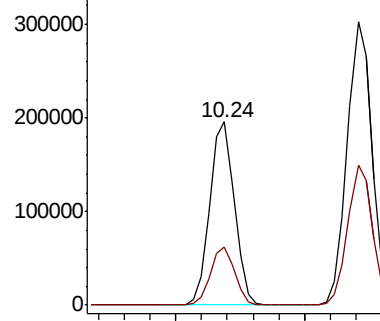
91 100

106 32.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 33.386 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016197.D

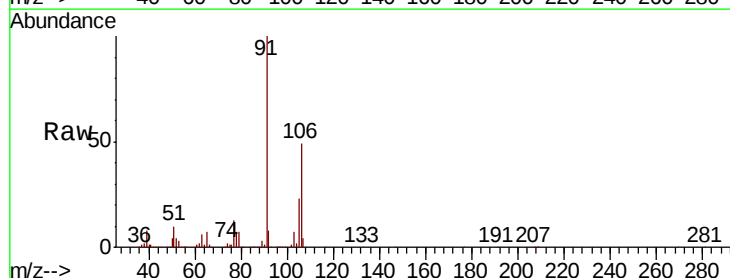
Acq: 13 May 2020 23:01

Tgt Ion:106 Resp: 198393

Ion Ratio Lower Upper

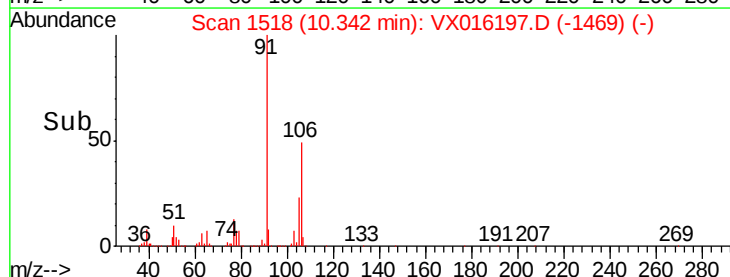
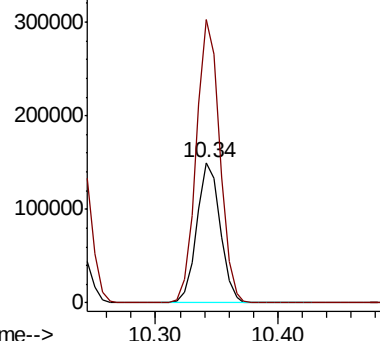
106 100

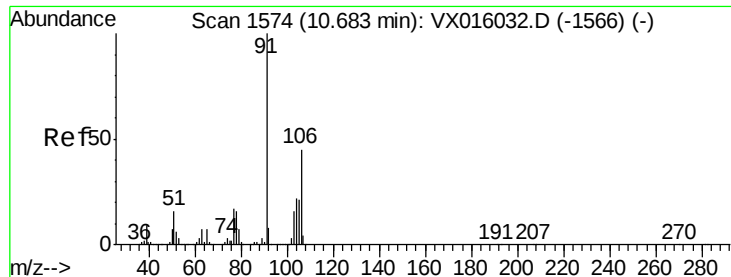
91 202.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

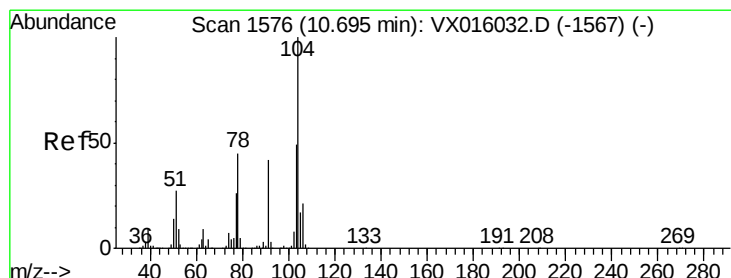
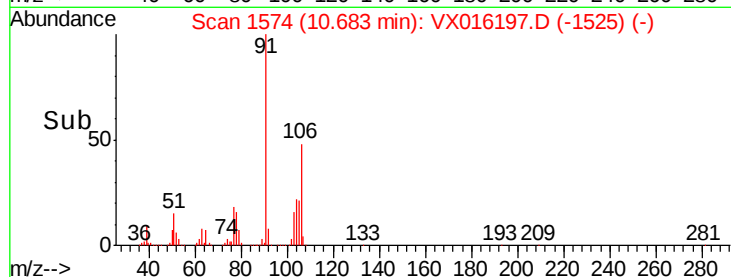
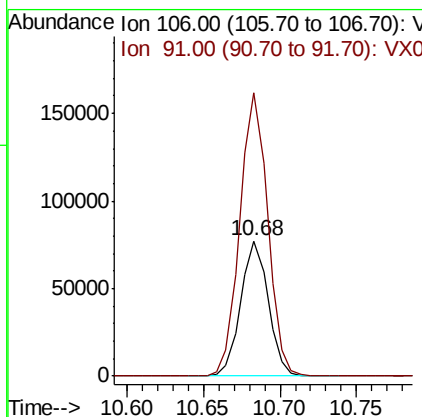
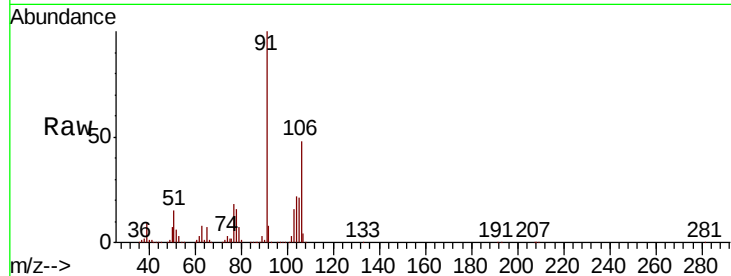




#69
o-Xylene
Concen: 16.841 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

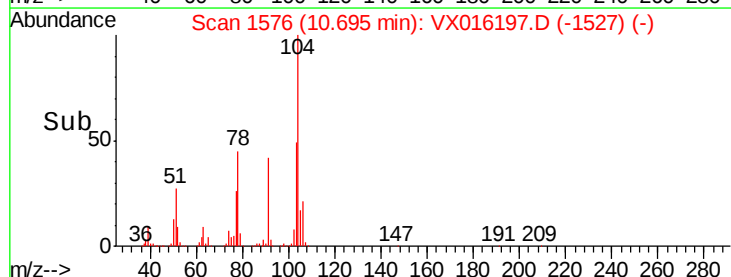
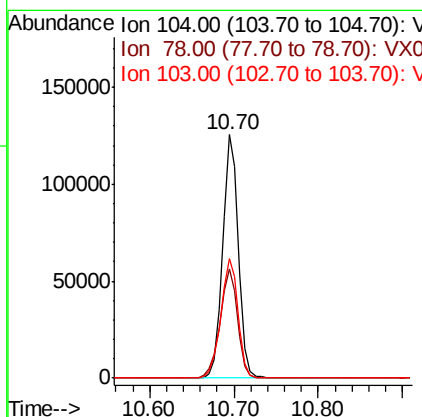
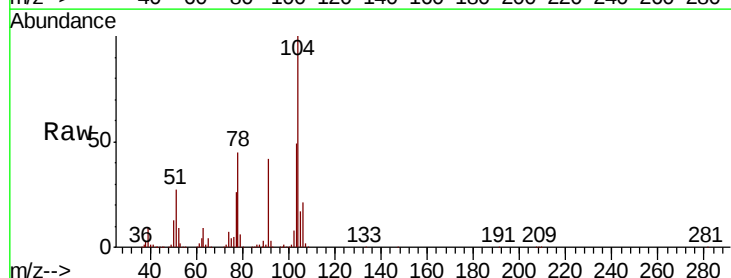
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

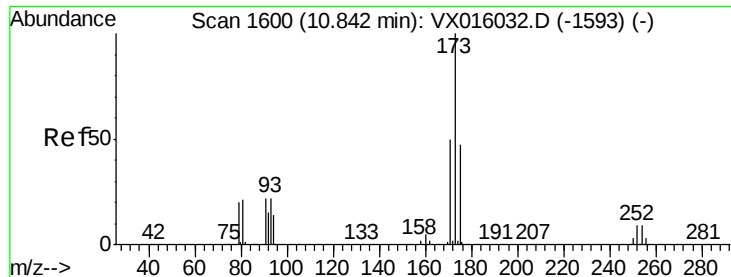
Tot Ion:106 Resp: 96199
Ion Ratio Lower Upper
106 100
91 212.3 107.5 322.6



#70
Styrene
Concen: 16.663 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion:104 Resp: 161471
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 53.9 43.0 64.6





#71

Bromoform

Concen: 17.159 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

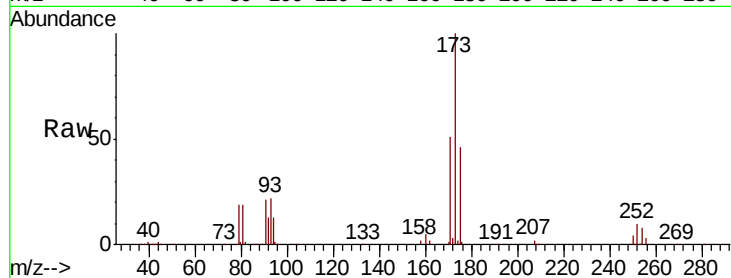
Tot Ion:173 Resp: 45931

Ion Ratio Lower Upper

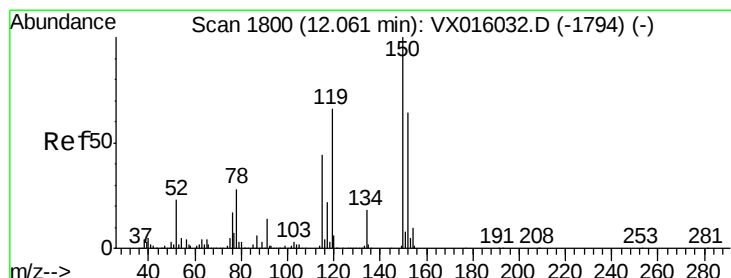
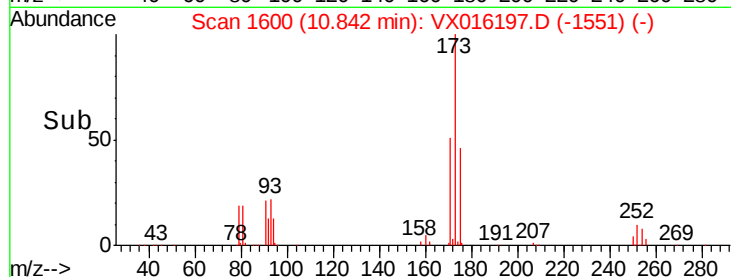
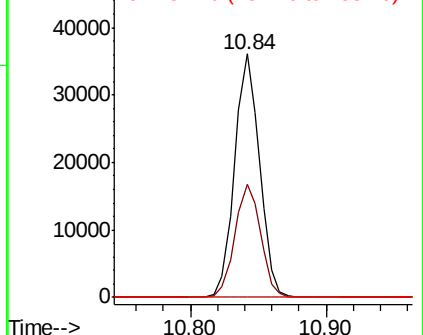
173 100

175 47.9 24.0 72.0

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

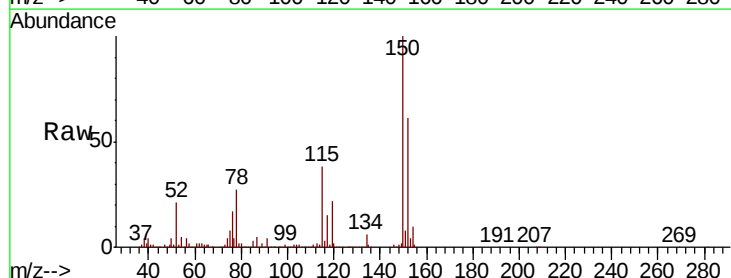
Tgt Ion:152 Resp: 209730

Ion Ratio Lower Upper

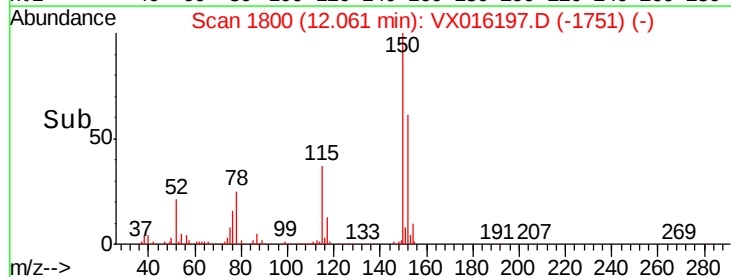
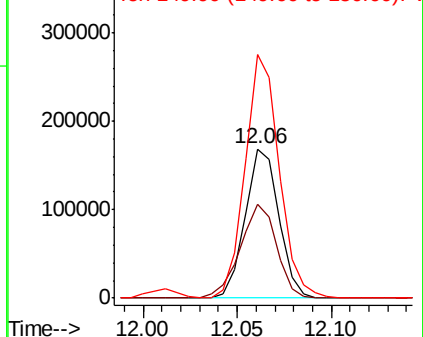
152 100

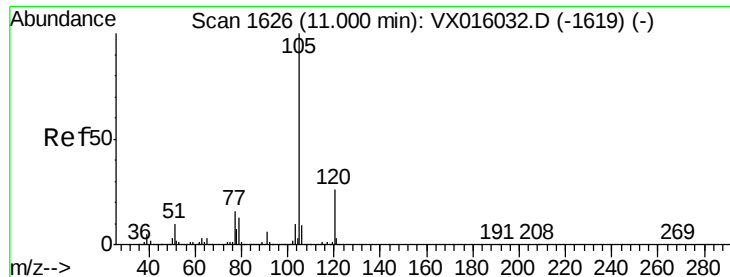
115 67.2 41.3 124.1

150 164.9 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: 16.706 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

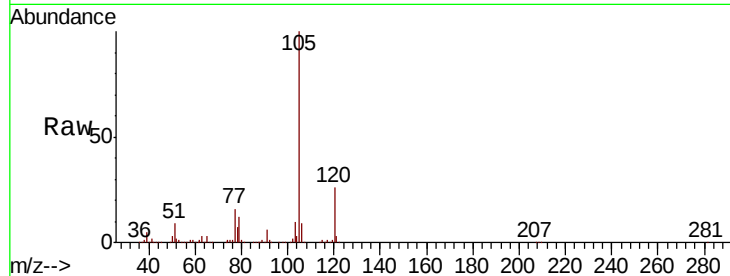
VX0513WBS02

Tot Ion:105 Resp: 254837

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

200000

150000

100000

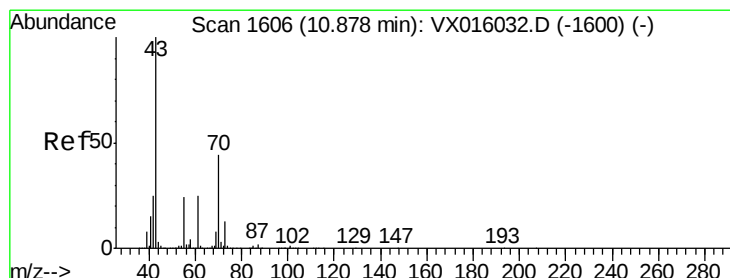
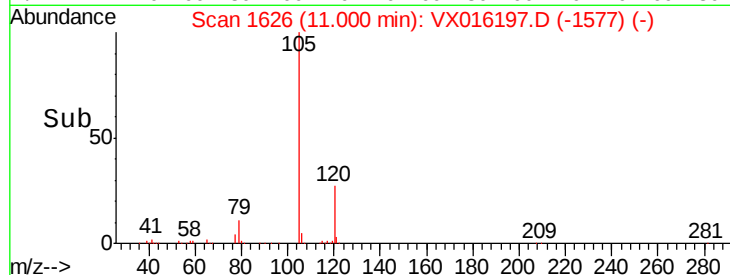
50000

0

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 15.964 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Tgt Ion: 43 Resp: 113590

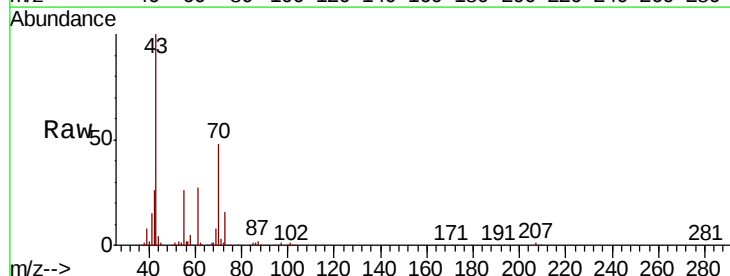
Ion Ratio Lower Upper

43 100

70 46.2 36.5 54.7

55 25.6 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

100000

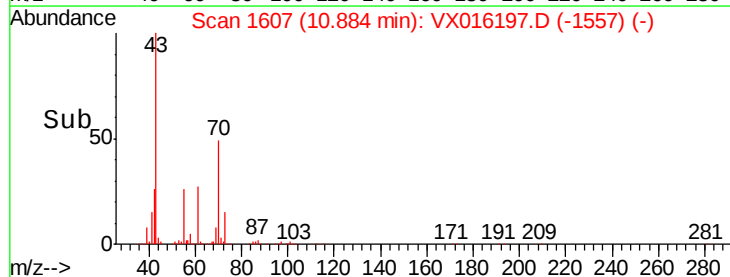
50000

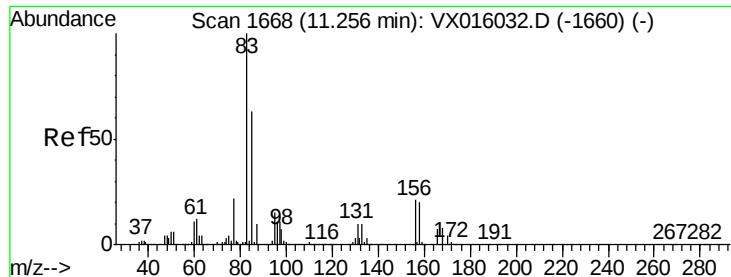
0

10.88

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.288 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

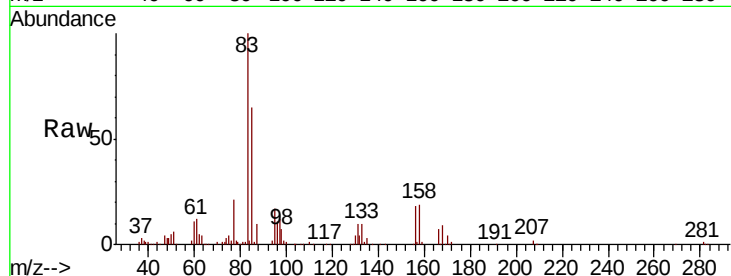
Tot Ion: 83 Resp: 53761

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

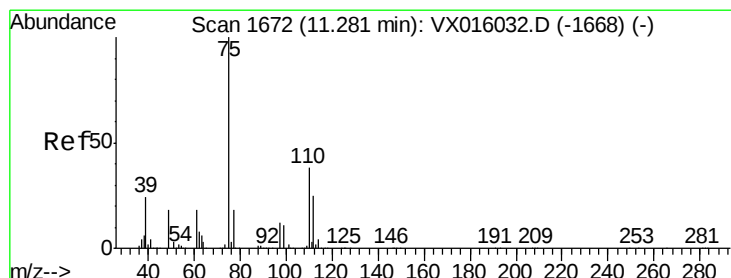
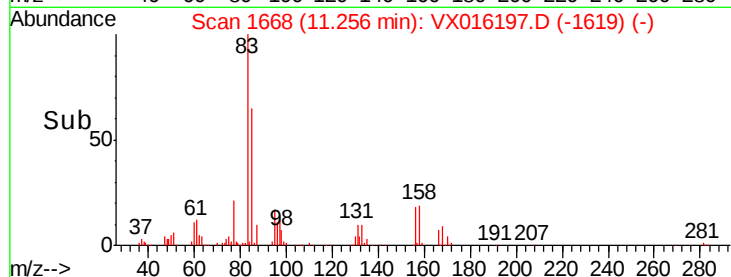
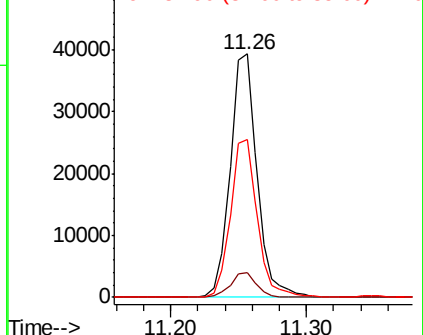
85 64.9 32.0 96.0



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: 21.991 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016197.D

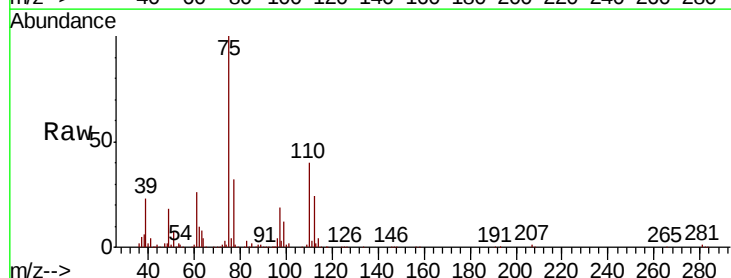
Acq: 13 May 2020 23:01

Tgt Ion: 75 Resp: 104662

Ion Ratio Lower Upper

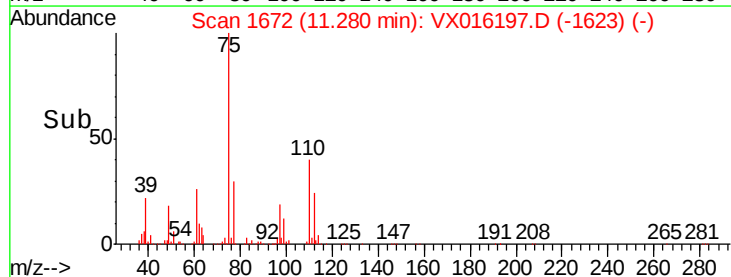
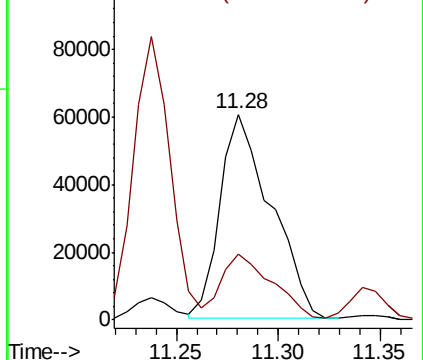
75 100

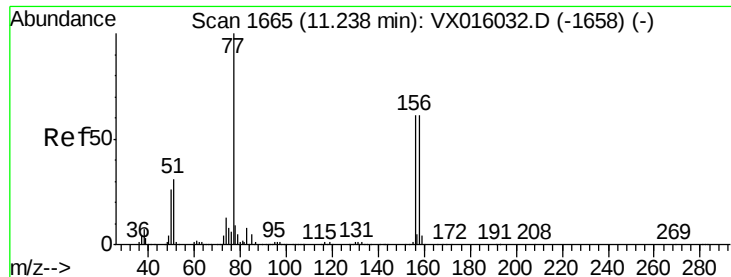
77 32.4 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.637 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

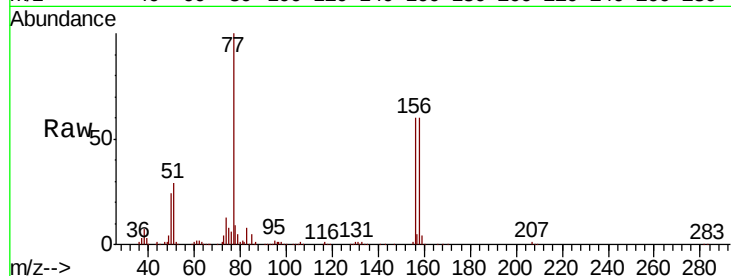
Tot Ion:156 Resp: 65508

Ion Ratio Lower Upper

156 100

77 160.5 80.1 240.3

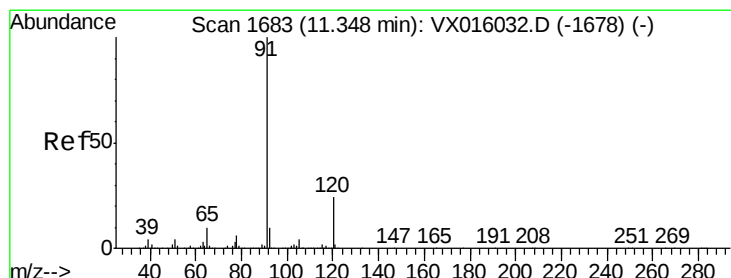
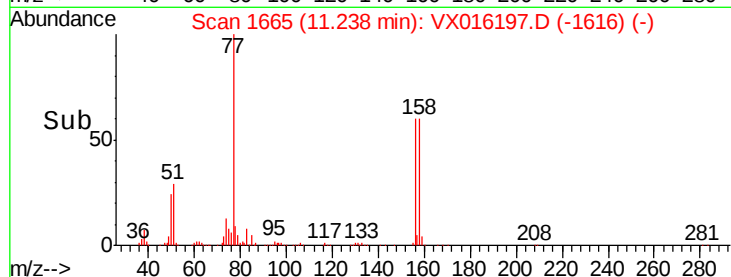
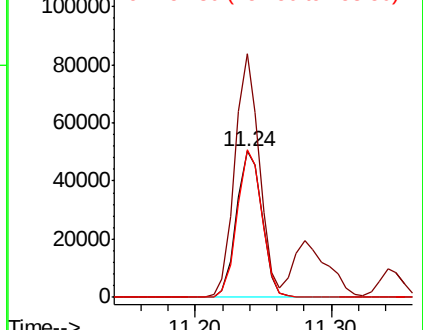
158 98.0 49.4 148.2



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: 16.441 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016197.D

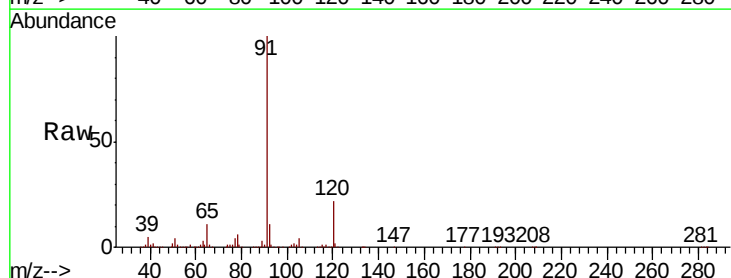
Acq: 13 May 2020 23:01

Tgt Ion: 91 Resp: 291760

Ion Ratio Lower Upper

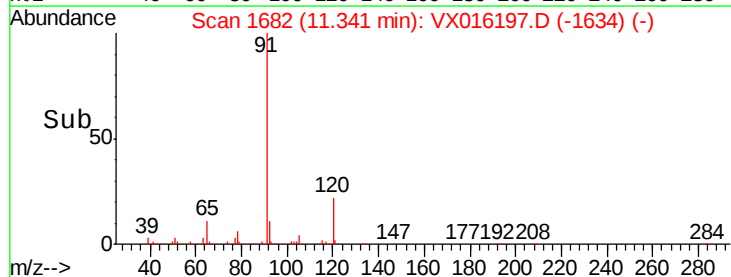
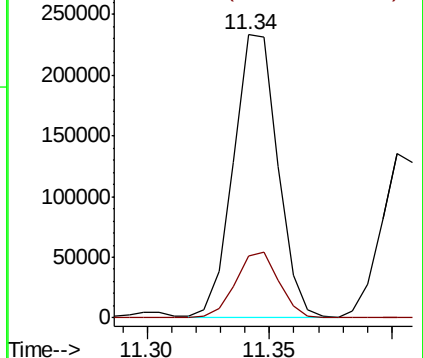
91 100

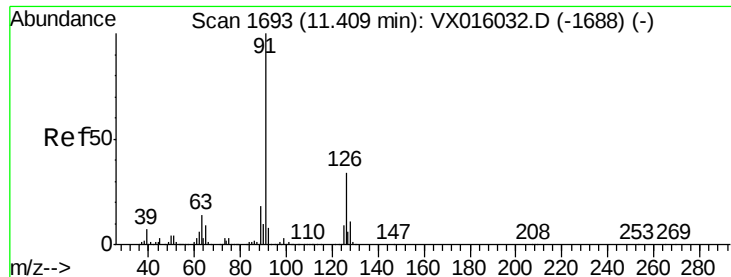
120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.622 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampled :

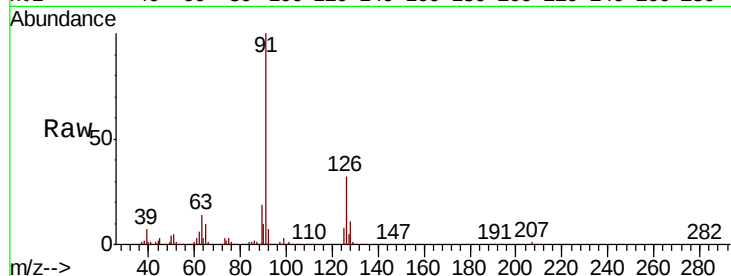
VX0513WBS02

Tot Ion: 91 Resp: 174117

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

250000

200000

150000

100000

50000

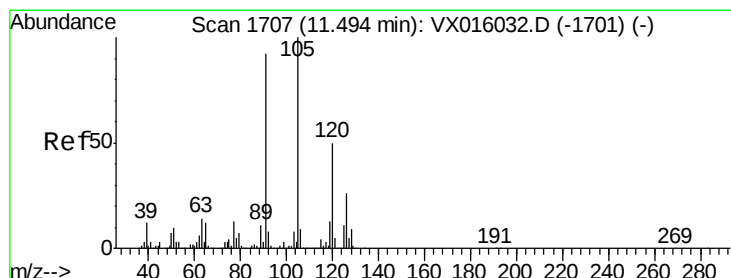
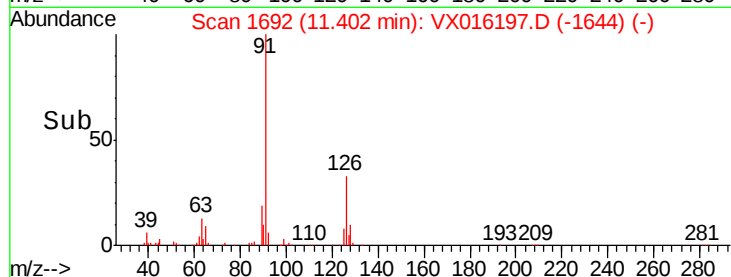
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 16.525 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016197.D

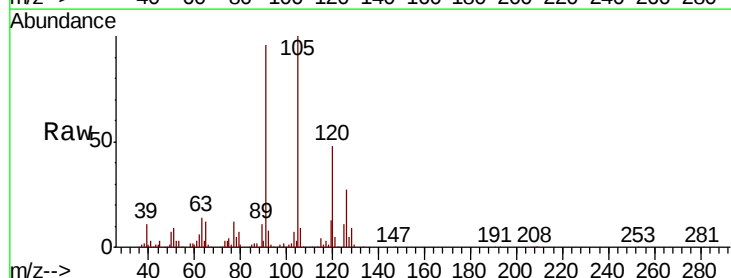
Acq: 13 May 2020 23:01

Tgt Ion:105 Resp: 212834

Ion Ratio Lower Upper

105 100

120 49.4 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

50000

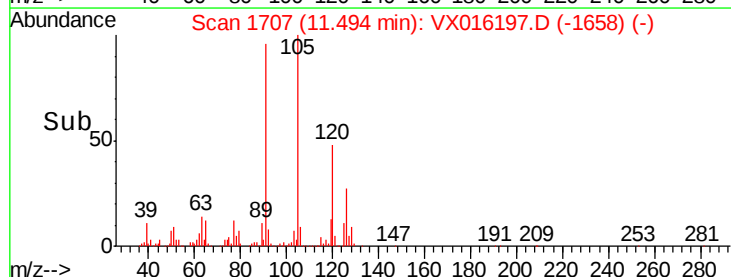
0

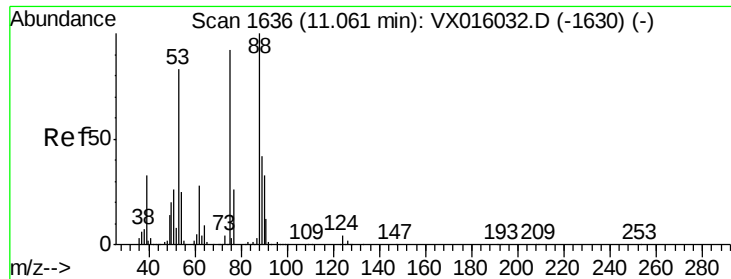
11.45

11.50

11.55

Time-->

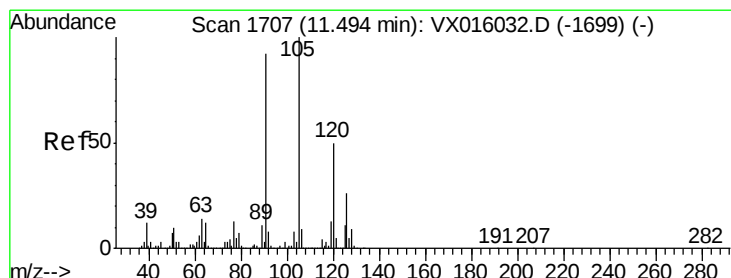
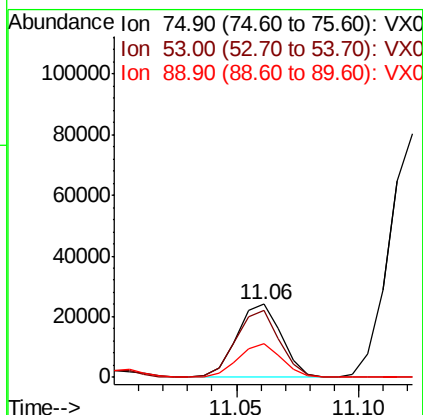
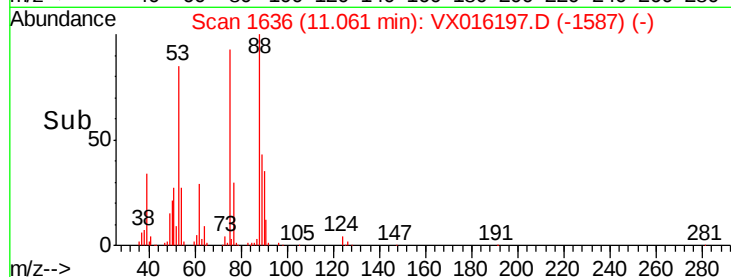
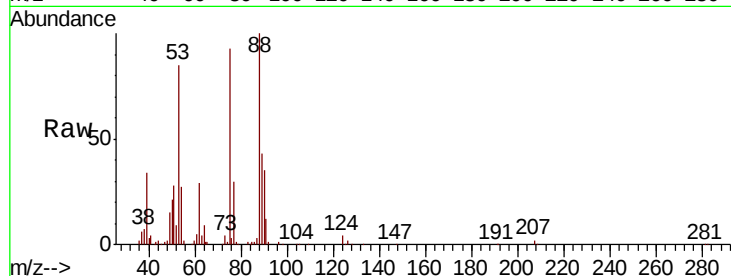




#81
trans-1,4-Dichloro-2-butene
Concen: 15.290 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

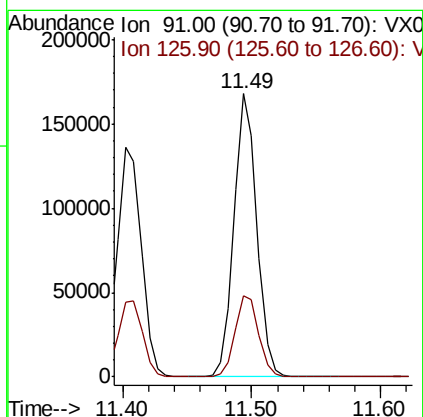
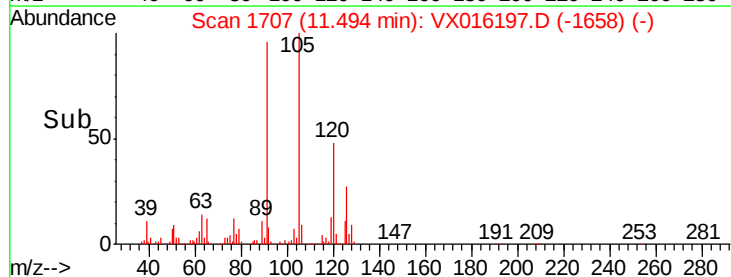
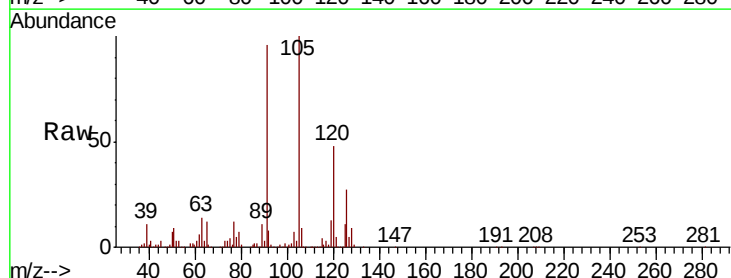
Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS02

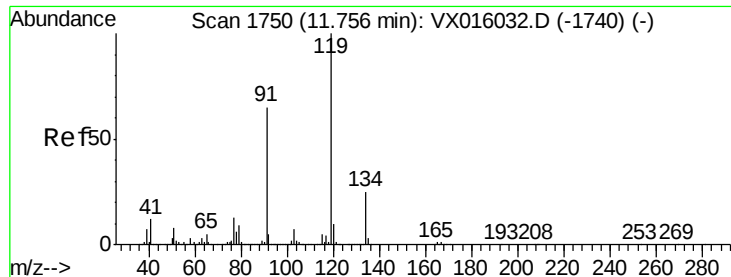
Tot Ion: 75 Resp: 30536
Ion Ratio Lower Upper
75 100
53 91.0 73.1 109.7
89 45.0 36.7 55.1



#82
4-Chlorotoluene
Concen: 16.749 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016197.D
Acq: 13 May 2020 23:01

Tgt Ion: 91 Resp: 207181
Ion Ratio Lower Upper
91 100
126 29.8 14.8 44.3





#83

tert-Butylbenzene

Concen: 16.473 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

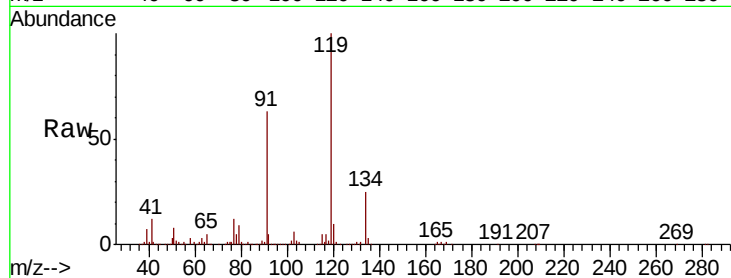
Tot Ion:119 Resp: 182849

Ion Ratio Lower Upper

119 100

91 64.2 32.8 98.4

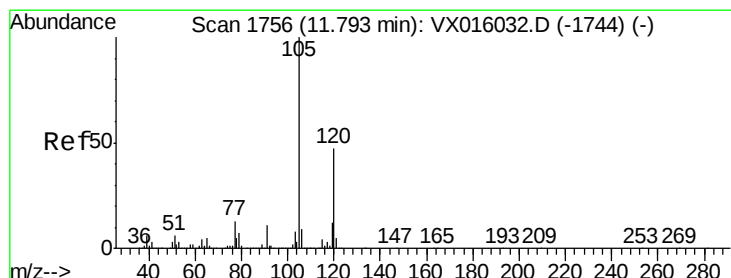
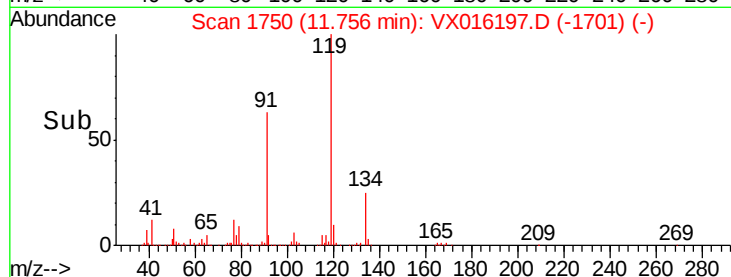
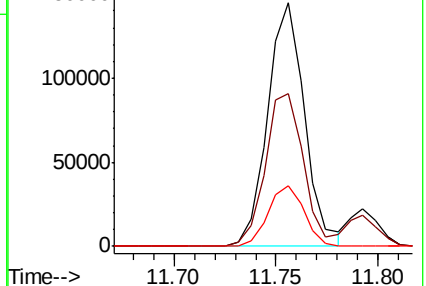
134 24.4 12.4 37.0



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: 16.610 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016197.D

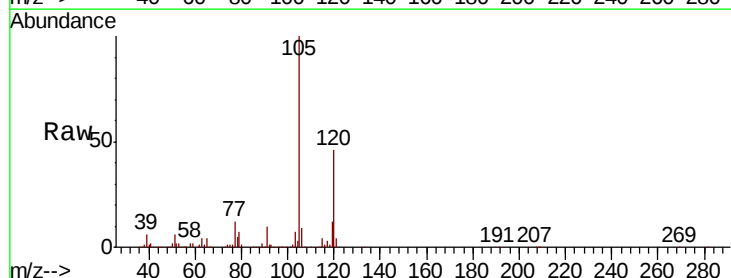
Acq: 13 May 2020 23:01

Tgt Ion:105 Resp: 216289

Ion Ratio Lower Upper

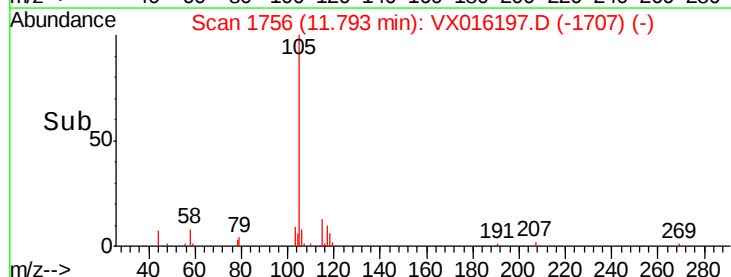
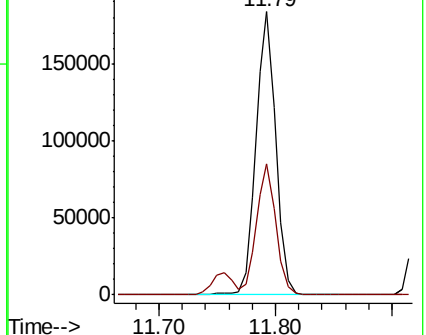
105 100

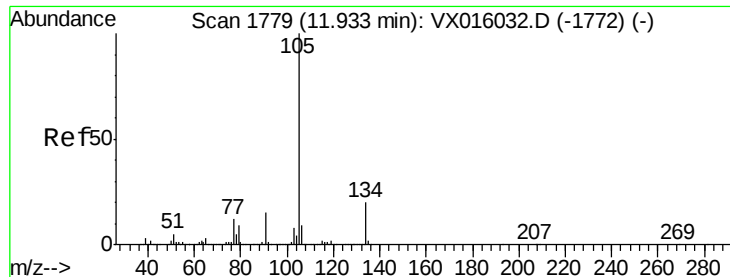
120 45.4 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 15.948 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

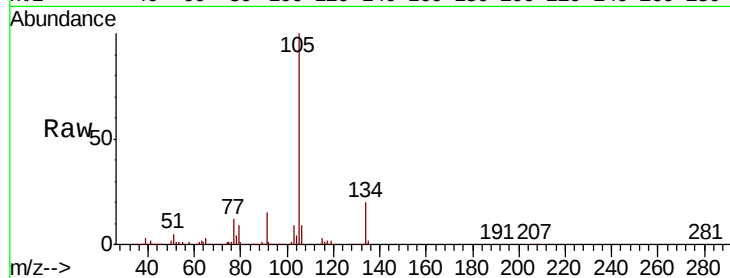
VX0513WBS02

Tot Ion:105 Resp: 239016

Ion Ratio Lower Upper

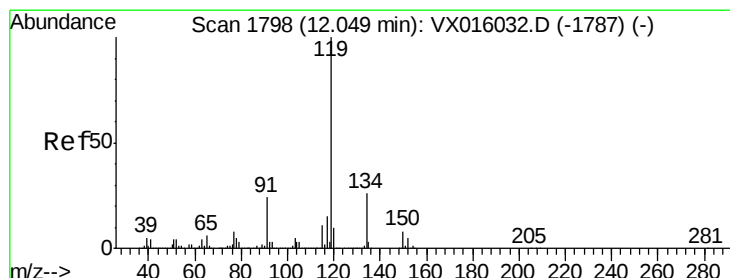
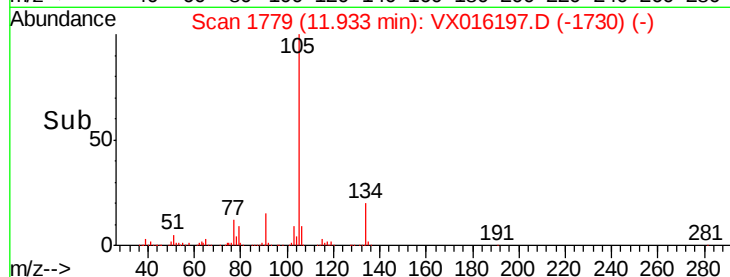
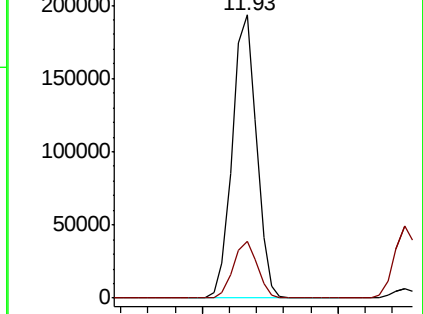
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 15.772 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

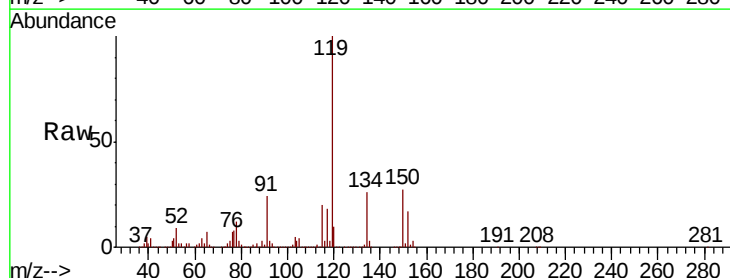
Tgt Ion:119 Resp: 219456

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

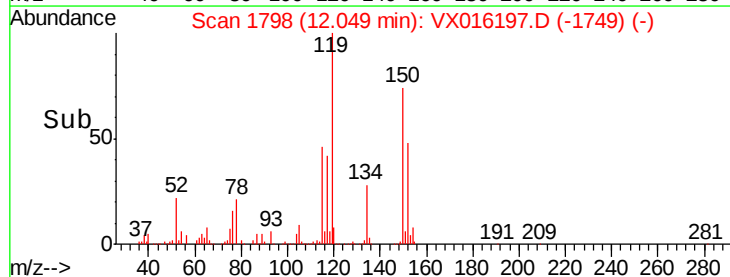
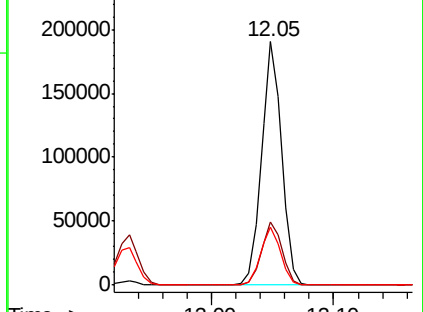
91 23.8 11.8 35.4

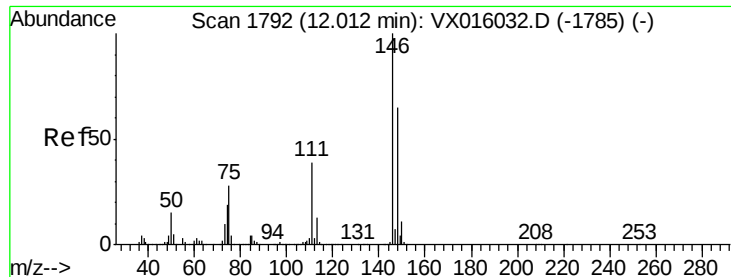


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

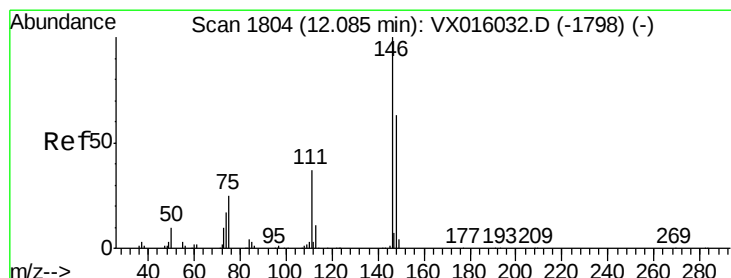
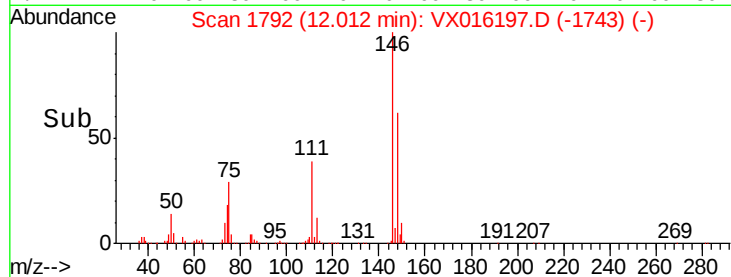
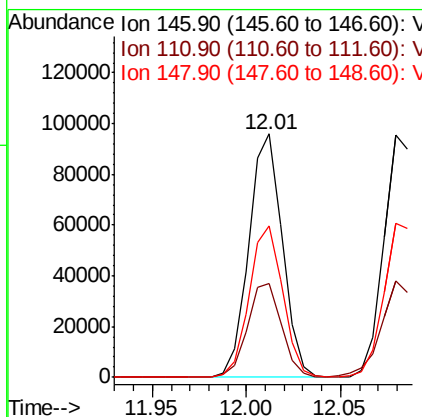
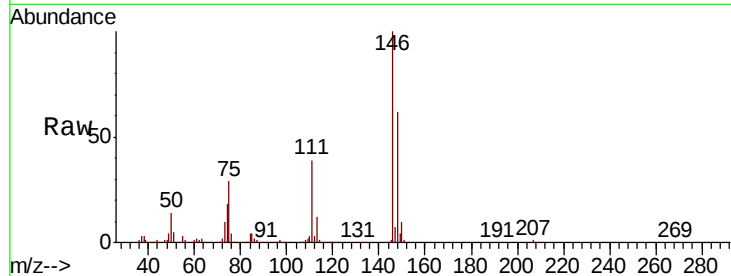




#87
 1,3-Dichlorobenzene
 Concen: 16.714 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

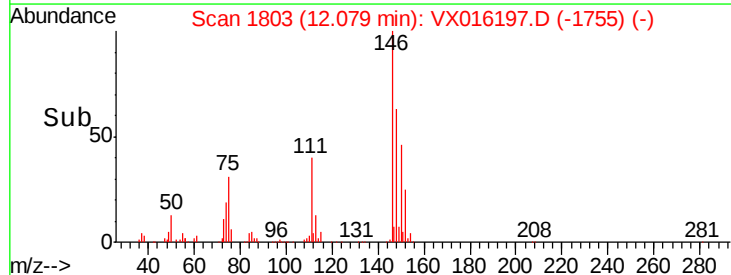
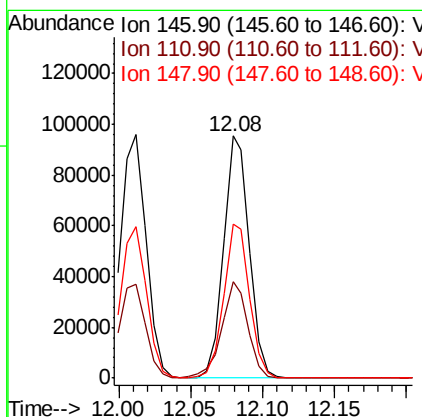
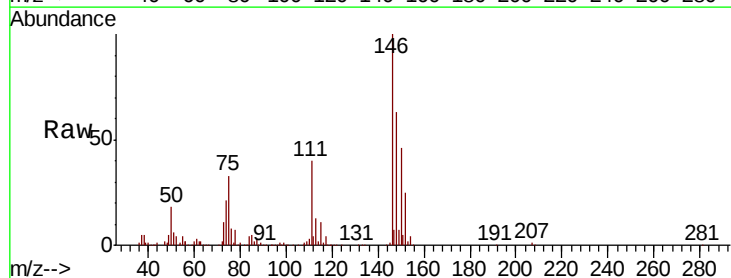
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

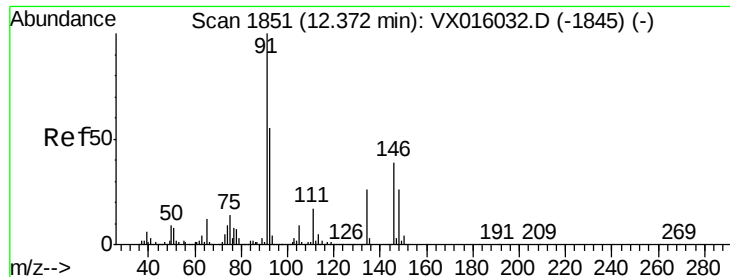
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.2	60.6
148	62.3	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 16.656 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.6	58.7
148	63.8	31.8	95.3





#89

n-Butylbenzene

Concen: 14.662 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

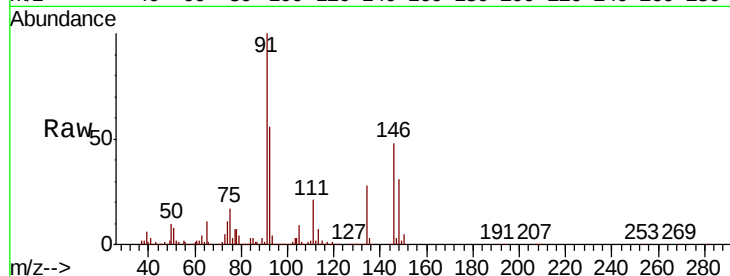
Tot Ion: 91 Resp: 186373

Ion Ratio Lower Upper

91 100

92 55.1 27.6 82.7

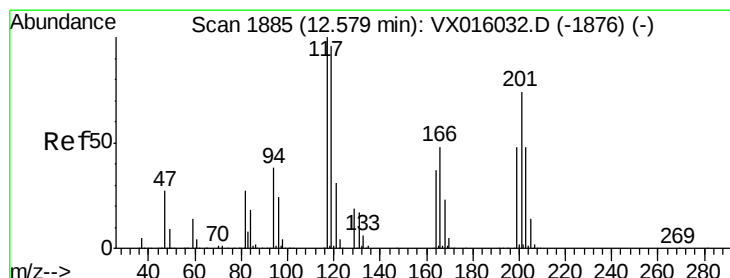
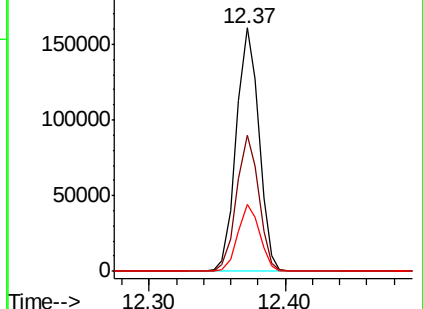
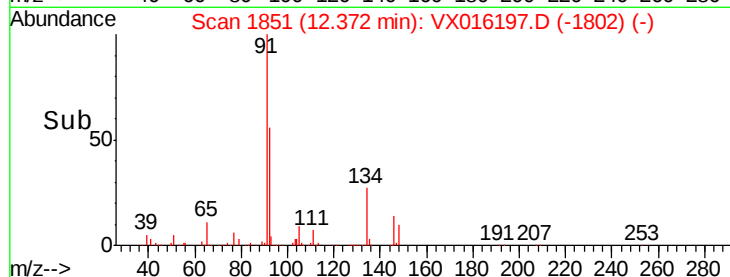
134 26.8 13.4 40.1



Abundance Ion 91.00 (90.70 to 91.70): VX016197.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016197.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016197.D (-1802) (-)



#90

Hexachloroethane

Concen: 15.814 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016197.D

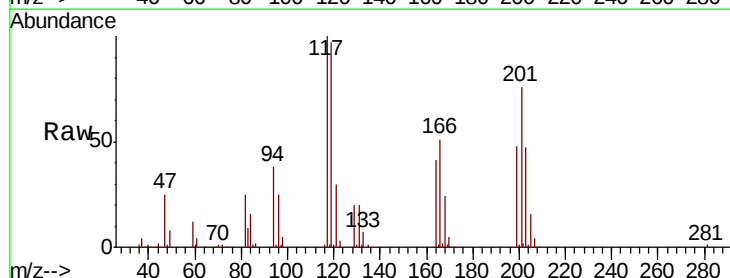
Acq: 13 May 2020 23:01

Tgt Ion: 117 Resp: 37790

Ion Ratio Lower Upper

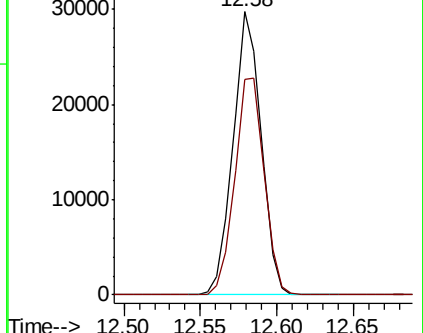
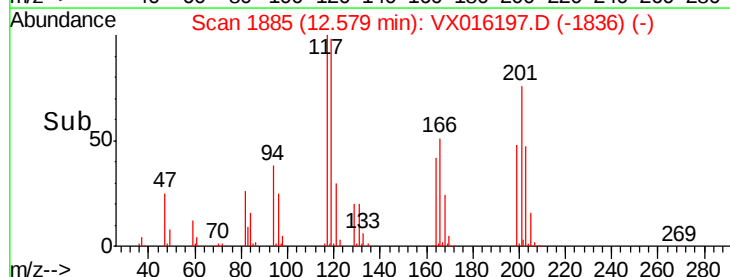
117 100

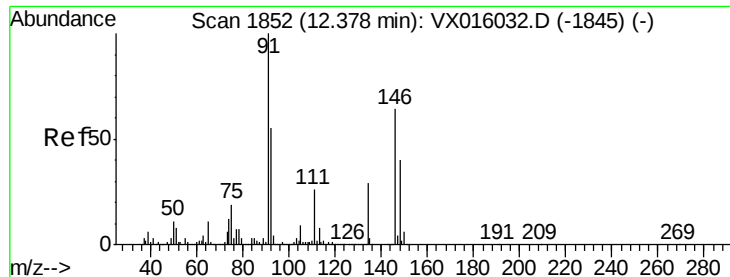
201 80.1 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VX016197.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016197.D (-1836) (-)





#91

1,2-Dichlorobenzene

Concen: 16.198 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

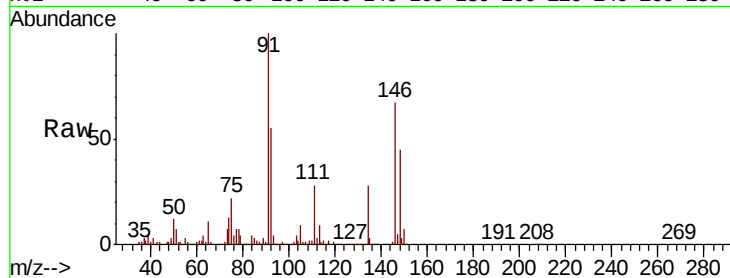
Tot Ion:146 Resp: 110266

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.1

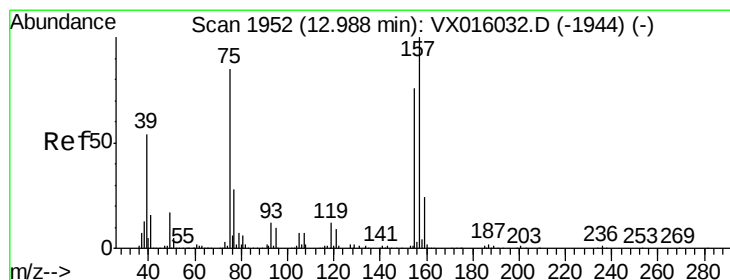
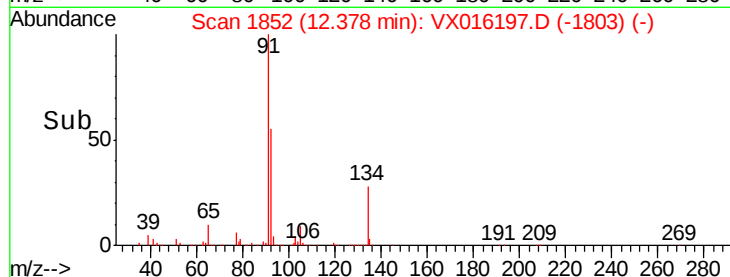
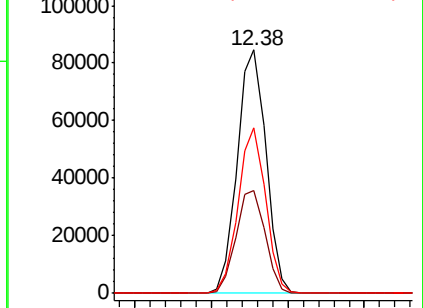
148 65.1 32.4 97.0



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: 15.862 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.01 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

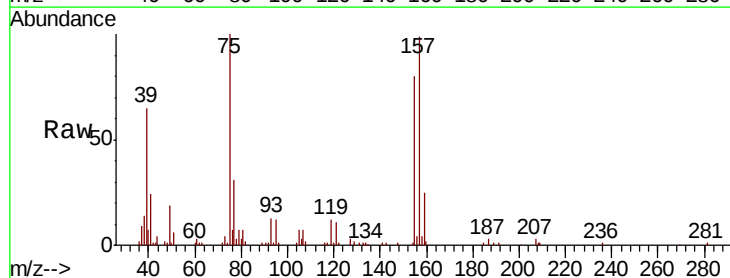
Tgt Ion: 75 Resp: 19896

Ion Ratio Lower Upper

75 100

155 84.6 42.5 127.5

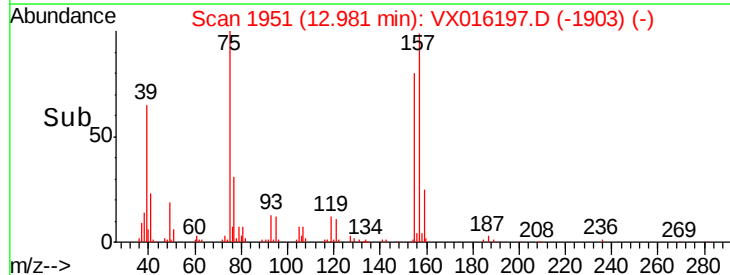
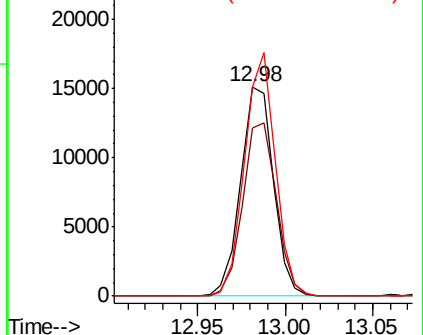
157 108.5 55.3 165.8

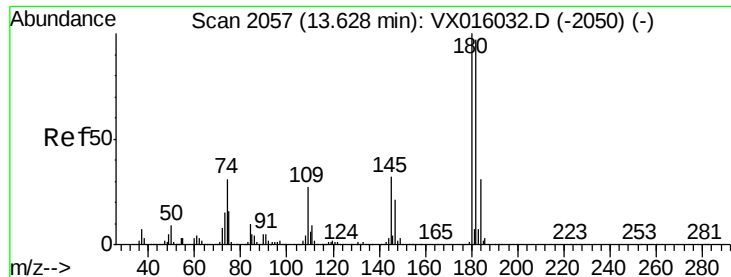


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

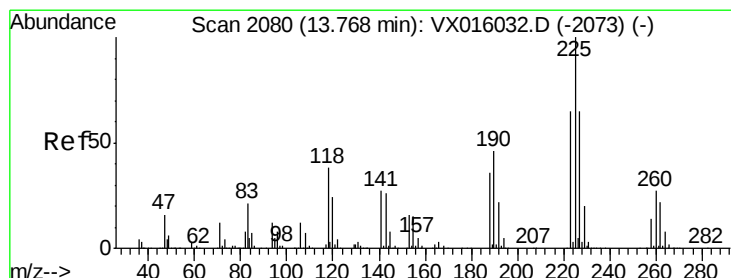
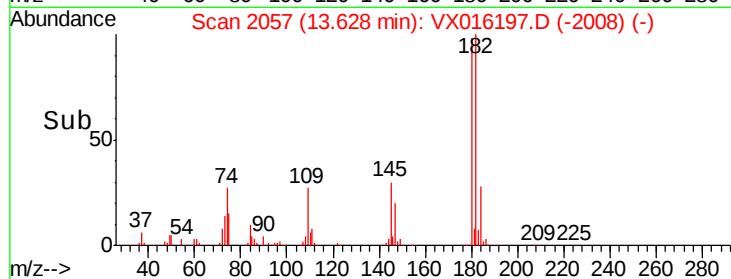
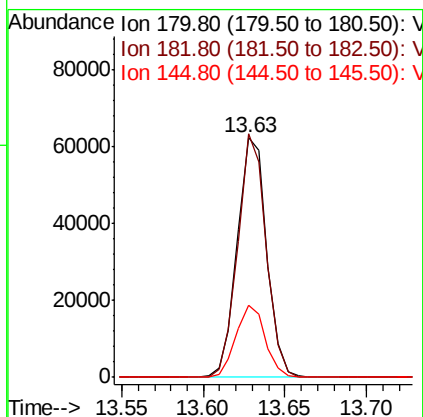
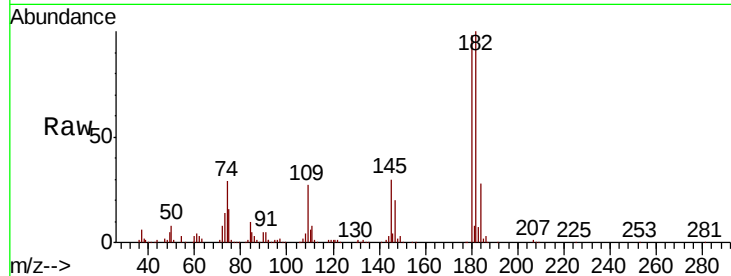




#93
 1,2,4-Trichlorobenzene
 Concen: 15.532 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

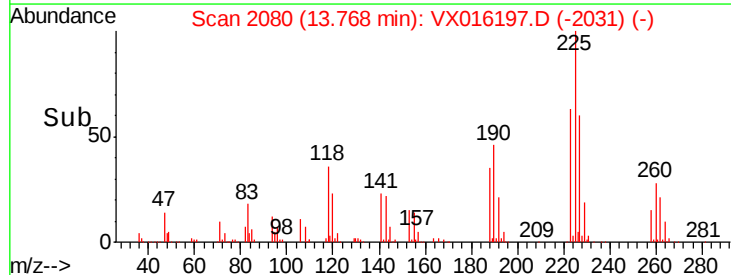
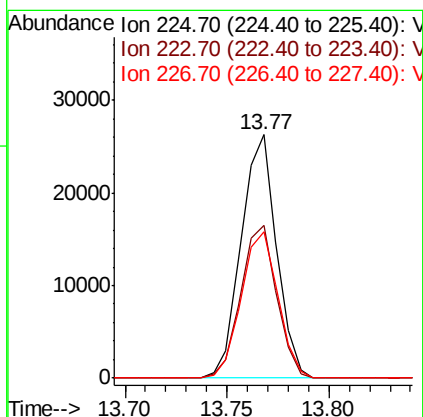
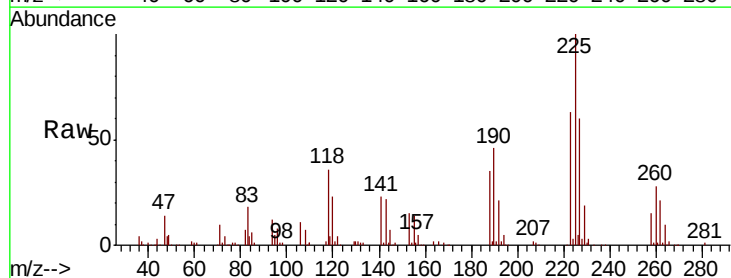
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS02

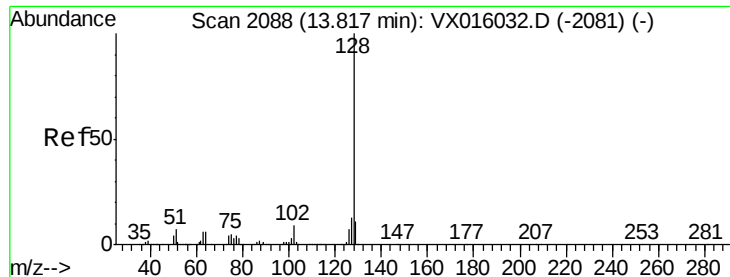
Tot Ion:180 Resp: 78284
 Ion Ratio Lower Upper
 180 100
 182 97.4 48.7 146.1
 145 29.8 15.7 47.1



#94
 Hexachlorobutadiene
 Concen: 14.934 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016197.D
 Acq: 13 May 2020 23:01

Tgt Ion:225 Resp: 31605
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.3 96.9
 227 62.5 31.8 95.4





#95

Naphthalene

Concen: 16.223 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

Instrument :

MSVOA_X

ClientSampleId :

VX0513WBS02

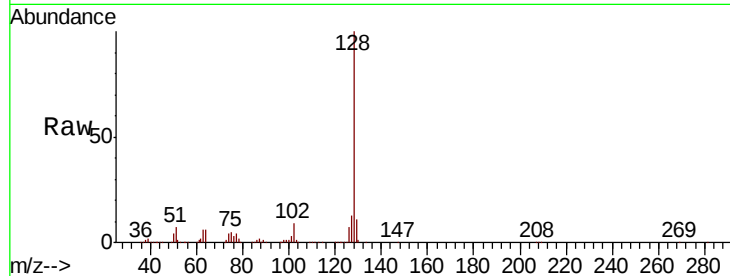
Tot Ion:128 Resp: 264759

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 11.2 8.7 13.1

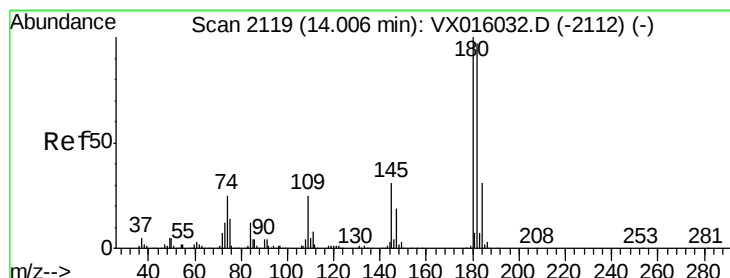
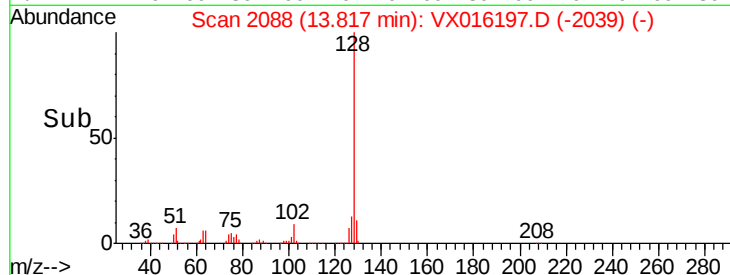
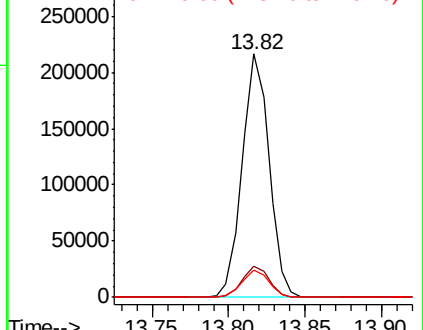


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 16.288 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016197.D

Acq: 13 May 2020 23:01

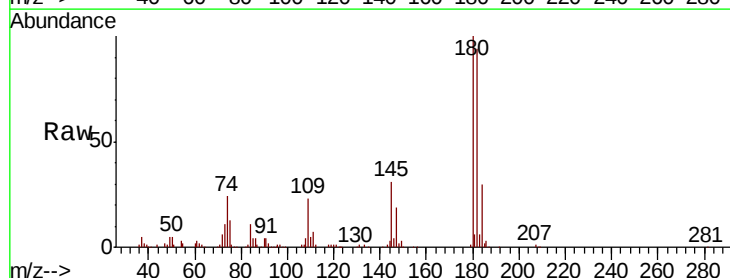
Tgt Ion:180 Resp: 80228

Ion Ratio Lower Upper

180 100

182 91.4 48.4 145.0

145 31.7 16.4 49.1



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

