

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016541.D
 Acq On : 01 Jun 2020 19:54
 Operator : JC/SP
 Sample : L2802-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Quant Time: Jun 02 01:50:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	270026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426428	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	390066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	194907	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	158131	47.16	ug/l	0.00
Spiked Amount			Recovery	=	94.32%	
35) Dibromofluoromethane	5.46	113	126200	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	8.70	98	479360	46.90	ug/l	0.00
Spiked Amount			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	11.12	95	185003	46.85	ug/l	0.00
Spiked Amount			Recovery	=	93.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	127218	47.874	ug/l	97
3) Chloromethane	1.31	50	142634	44.416	ug/l	98
4) Vinyl Chloride	1.39	62	168175	49.521	ug/l	99
5) Bromomethane	1.62	94	66715	40.403	ug/l	100
6) Chloroethane	1.70	64	98185	49.563	ug/l	99
7) Trichlorofluoromethane	1.91	101	213455	47.860	ug/l	99
8) Diethyl Ether	2.17	74	93066	50.043	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119053	48.501	ug/l	98
10) Methyl Iodide	2.49	142	85694	30.491	ug/l	98
11) Tert butyl alcohol	3.02	59	225681	262.448	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126957	48.863	ug/l	99
13) Acrolein	2.27	56	106784	291.924	ug/l	96
14) Allyl chloride	2.70	41	228901	47.904	ug/l	98
15) Acrylonitrile	3.12	53	448598	254.673	ug/l	99
16) Acetone	2.42	43	385598	262.456	ug/l	96
17) Carbon Disulfide	2.55	76	367265	47.599	ug/l	99
18) Methyl Acetate	2.75	43	208083	55.221	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	470290	50.407	ug/l	98
20) Methylene Chloride	2.83	84	147794	48.622	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	141623	49.278	ug/l	96
22) Diisopropyl ether	3.82	45	446431	48.635	ug/l	98
23) Vinyl Acetate	3.78	43	1987188	247.327	ug/l	99
24) 1,1-Dichloroethane	3.67	63	255238	49.265	ug/l	99
25) 2-Butanone	4.64	43	635253	255.175	ug/l	97
26) 2,2-Dichloropropane	4.55	77	187849	44.310	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	168936	50.811	ug/l	98
28) Bromochloromethane	4.98	49	111695	46.393	ug/l	94
29) Tetrahydrofuran	5.09	42	416971	259.258	ug/l	98
30) Chloroform	5.18	83	257397	49.307	ug/l	98
31) Cyclohexane	5.55	56	209830	45.019	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	228533	48.355	ug/l	99
36) 1,1-Dichloropropene	5.77	75	189735	46.994	ug/l	99
37) Ethyl Acetate	4.79	43	232767	48.020	ug/l	98
38) Carbon Tetrachloride	5.75	117	197285	46.497	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	213222	48.621	ug/l	99
40) Benzene	6.11	78	581621	48.374	ug/l	100
41) Methacrylonitrile	5.00	41	126670	47.574	ug/l	98
42) 1,2-Dichloroethane	6.17	62	204467	47.819	ug/l	99
43) Isopropyl Acetate	6.41	43	369069	48.813	ug/l	98
44) Trichloroethene	7.19	130	163860	42.954	ug/l	98
45) 1,2-Dichloropropane	7.49	63	152322	49.764	ug/l	98
46) Dibromomethane	7.64	93	101498	49.369	ug/l	99
47) Bromodichloromethane	7.88	83	207964	48.853	ug/l	99
48) Methyl methacrylate	7.74	41	179908	49.696	ug/l	98
49) 1,4-Dioxane	7.71	88	86222	1017.712	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1203199	255.570	ug/l	99
52) Toluene	8.77	92	371852	49.045	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238820	49.338	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	250783	48.947	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	151509	50.259	ug/l	98
56) Ethyl methacrylate	9.16	69	254629	51.864	ug/l	98
57) 1,3-Dichloropropane	9.35	76	259303	50.113	ug/l	99
59) 2-Hexanone	9.48	43	947764	258.872	ug/l	98
60) Dibromochloromethane	9.57	129	169221	49.882	ug/l	100
61) 1,2-Dibromoethane	9.65	107	163182	50.550	ug/l	98
64) Tetrachloroethene	9.32	164	169289	38.792	ug/l	99
65) Chlorobenzene	10.12	112	386985	48.663	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	149537	49.261	ug/l	99
67) Ethyl Benzene	10.24	91	679824	48.015	ug/l	100
68) m/p-Xylenes	10.34	106	514100	97.931	ug/l	99
69) o-Xylene	10.68	106	246923	48.569	ug/l	99
70) Styrene	10.70	104	435607	49.848	ug/l	100
71) Bromoform	10.84	173	131774	51.363	ug/l #	99
73) Isopropylbenzene	11.00	105	655091	48.508	ug/l	100
74) N-amyl acetate	10.88	43	312918	50.375	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	205330	60.667	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	286334	66.836	ug/l	84
77) Bromobenzene	11.24	156	171398	48.390	ug/l	98
78) n-propylbenzene	11.34	91	741783	49.165	ug/l	100
79) 2-Chlorotoluene	11.40	91	448016	48.647	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	552596	49.005	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	85166	48.900	ug/l	97
82) 4-Chlorotoluene	11.49	91	524836	48.259	ug/l	100
83) tert-Butylbenzene	11.76	119	505313	52.445	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	564316	49.485	ug/l	100
85) sec-Butylbenzene	11.93	105	603626	49.941	ug/l	100
86) p-Isopropyltoluene	12.05	119	574033	50.700	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	293727	47.865	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	300398	47.864	ug/l	99
89) n-Butylbenzene	12.37	91	484350	51.359	ug/l	99
90) Hexachloroethane	12.58	117	97450	49.830	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	285305	47.988	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54979	50.150	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	186325	47.189	ug/l	98

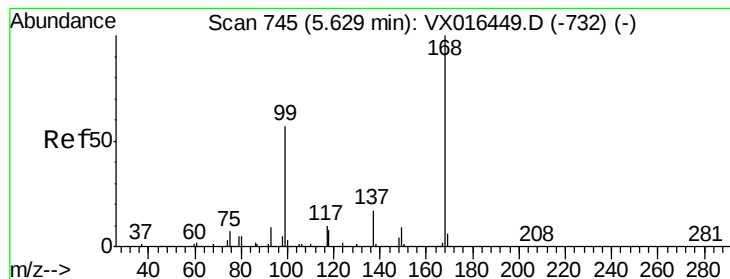
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
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Acq On : 01 Jun 2020 19:54
Operator : JC/SP
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	75146	48.473	ug/l	97
95) Naphthalene	13.82	128	612094	45.220	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	176700	45.678	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

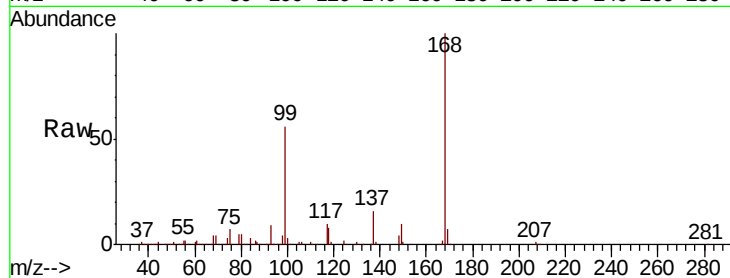
SS050MW113-200527MS

Tot Ion:168 Resp: 270026

Ion Ratio Lower Upper

168 100

99 55.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

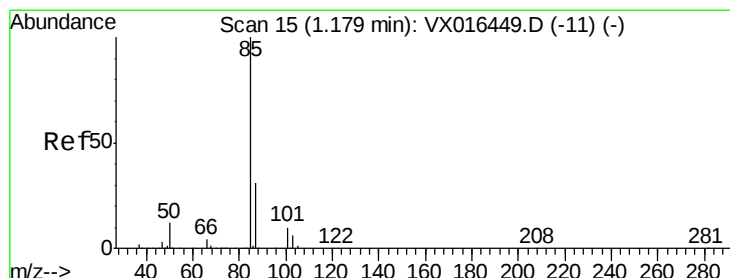
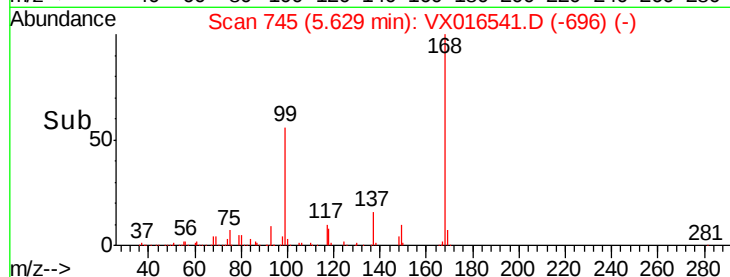
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.874 ug/l

RT: 1.18 min Scan# 15

Delta R.T. 0.00 min

Lab File: VX016541.D

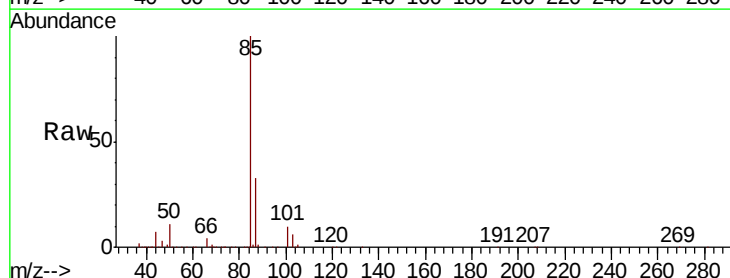
Acq: 01 Jun 2020 19:54

Tgt Ion: 85 Resp: 127218

Ion Ratio Lower Upper

85 100

87 32.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

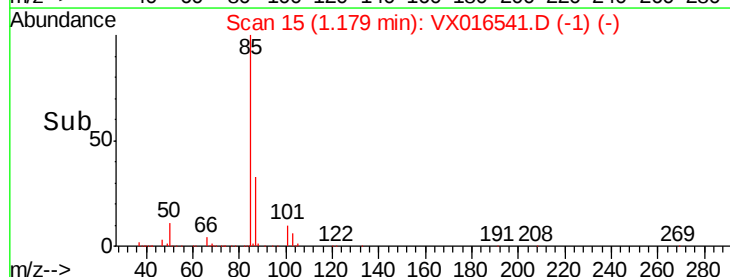
1.18

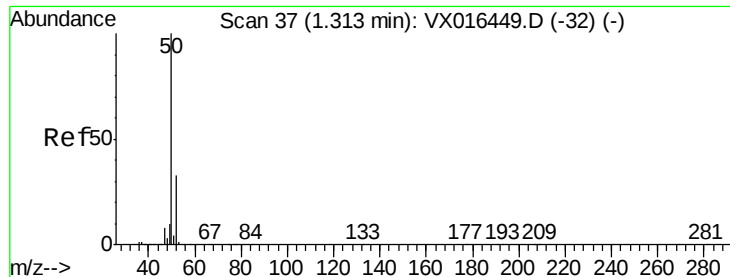
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.416 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

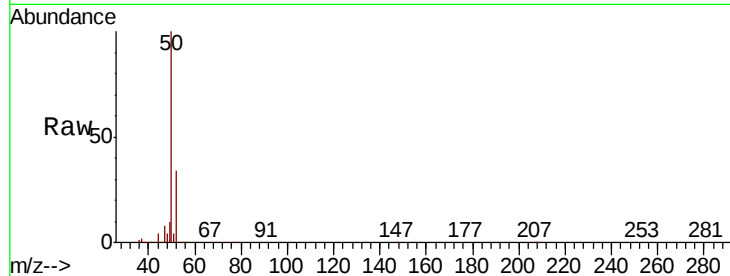
SS050MW113-200527MS

Tot Ion: 50 Resp: 142634

Ion Ratio Lower Upper

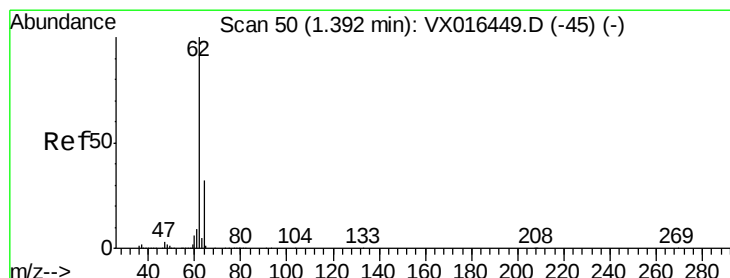
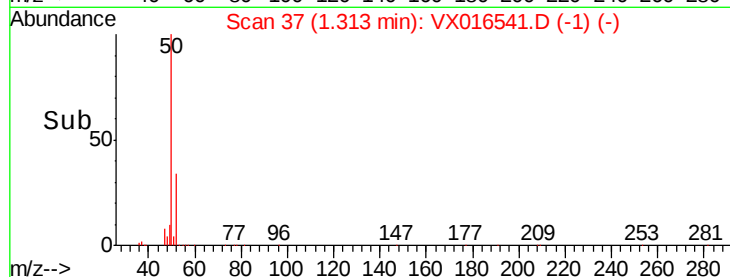
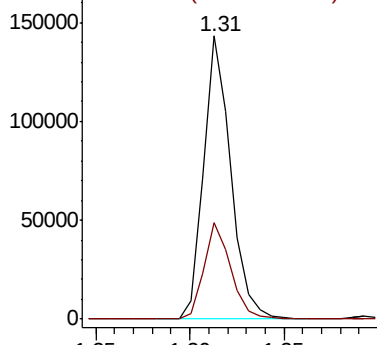
50 100

52 33.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.521 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016541.D

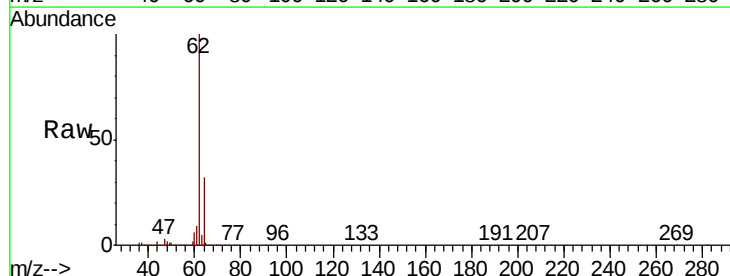
Acq: 01 Jun 2020 19:54

Tgt Ion: 62 Resp: 168175

Ion Ratio Lower Upper

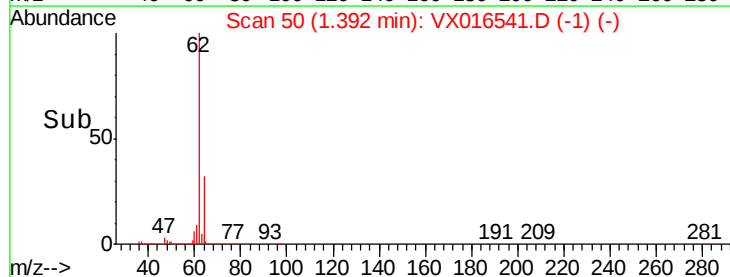
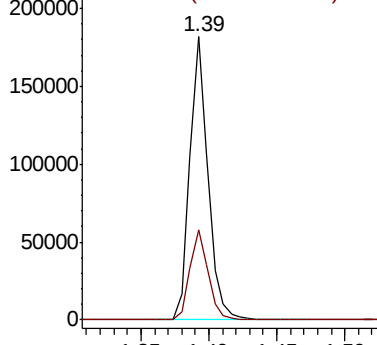
62 100

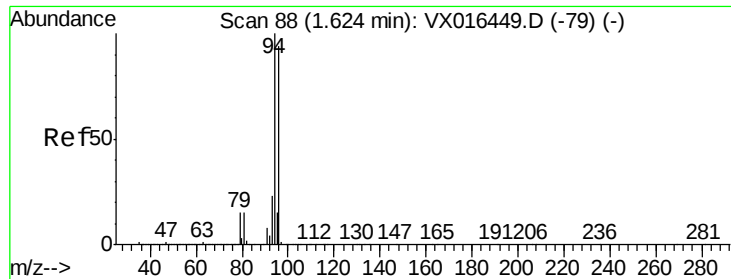
64 32.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 40.403 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

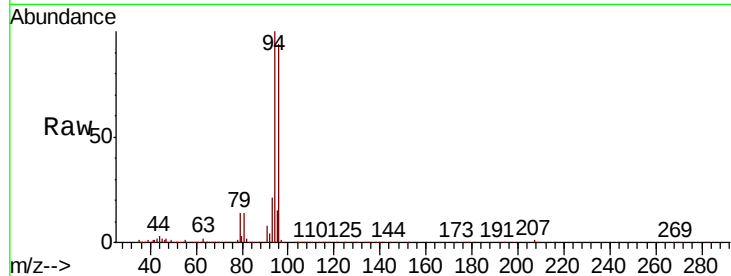
SS050MW113-200527MS

Tot Ion: 94 Resp: 66715

Ion Ratio Lower Upper

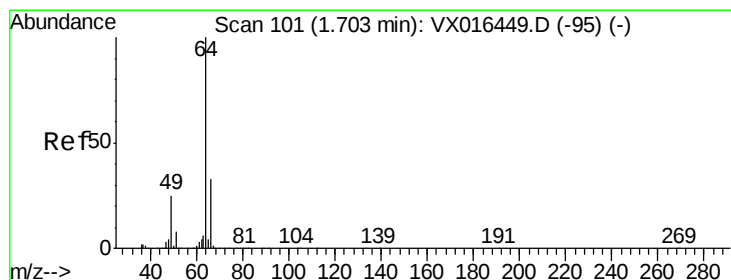
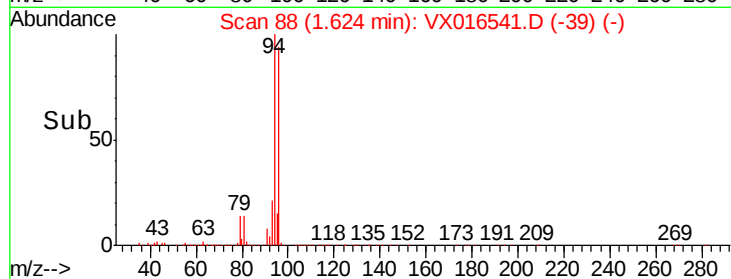
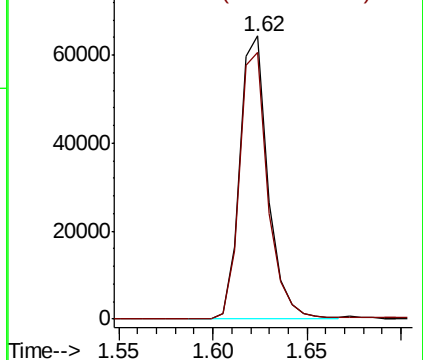
94 100

96 94.1 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.563 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016541.D

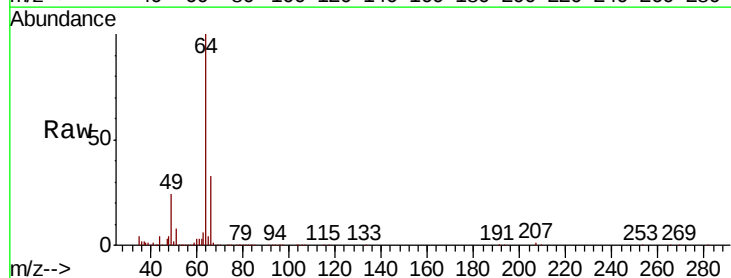
Acq: 01 Jun 2020 19:54

Tgt Ion: 64 Resp: 98185

Ion Ratio Lower Upper

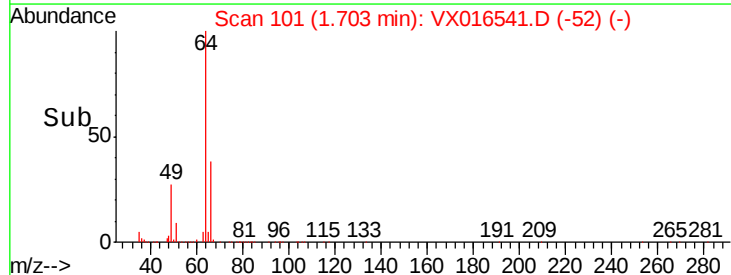
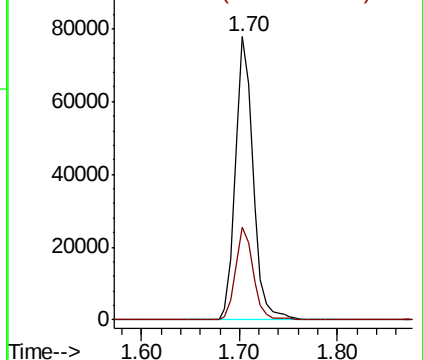
64 100

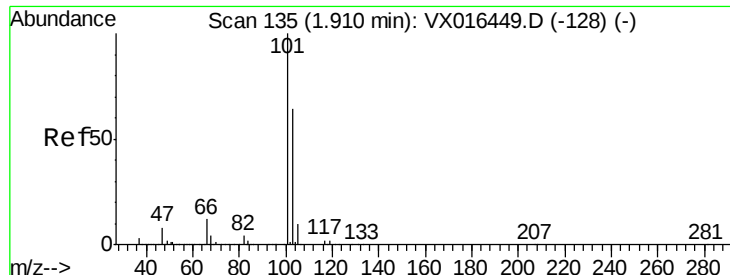
66 32.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



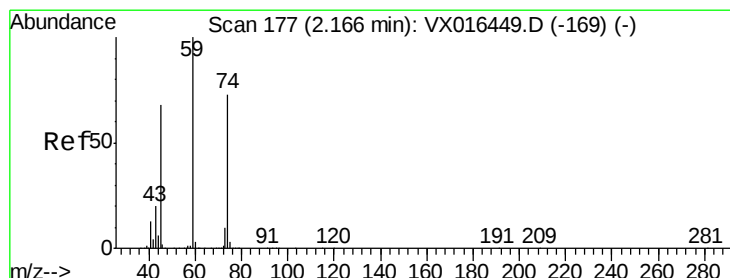
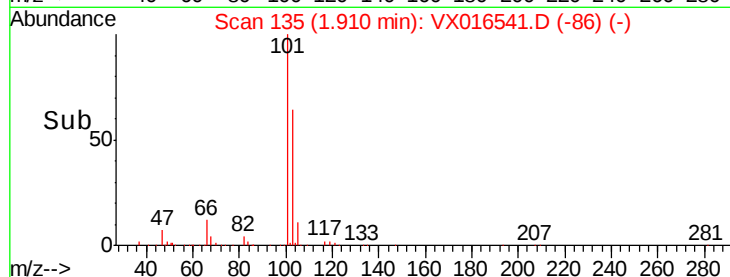
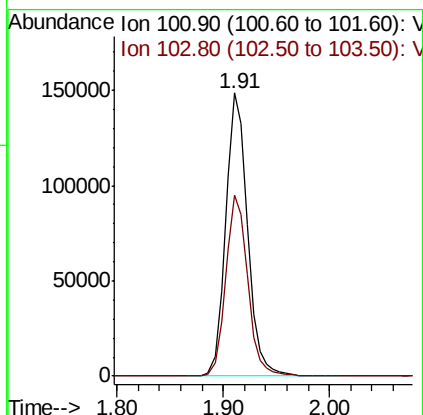
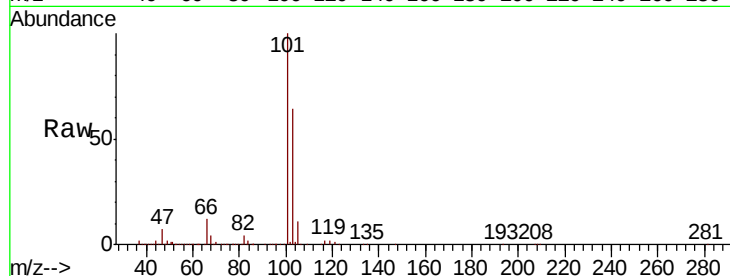


#7

Trichlorofluoromethane
 Concen: 47.860 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
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 SS050MW113-200527MS

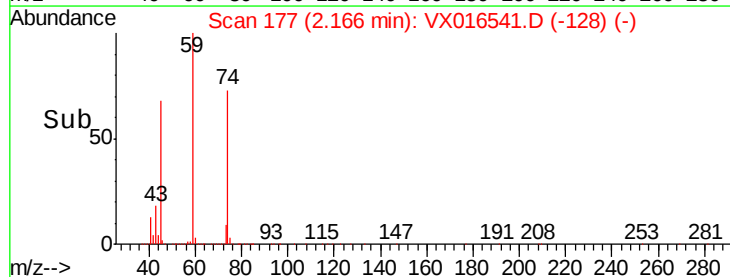
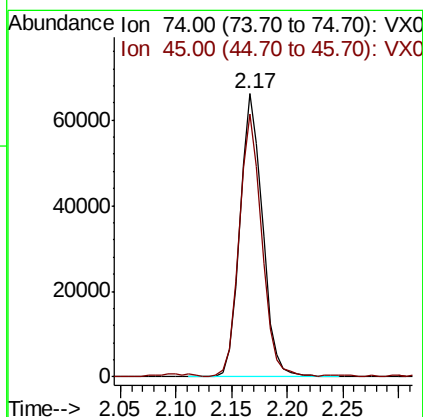
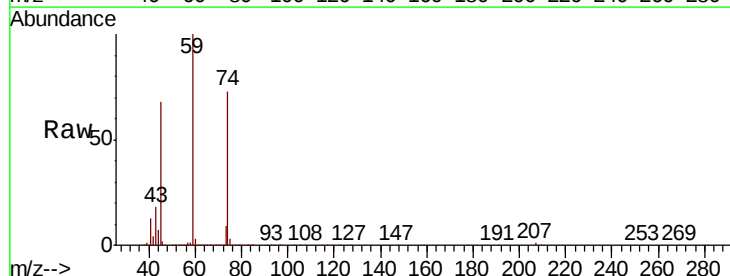
Tot Ion:101 Resp: 213455
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.9 76.3

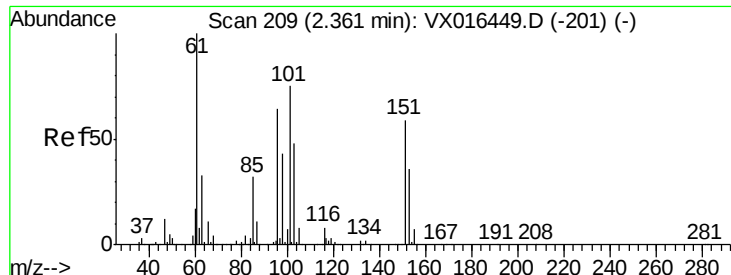


#8

Diethyl Ether
 Concen: 50.043 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion: 74 Resp: 93066
 Ion Ratio Lower Upper
 74 100
 45 91.6 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.501 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

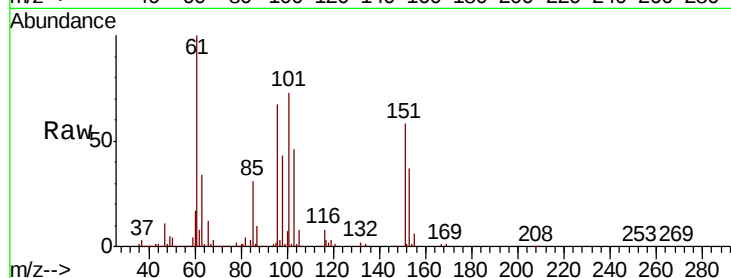
Tot Ion:101 Resp: 119053

Ion Ratio Lower Upper

101 100

85 43.1 34.4 51.6

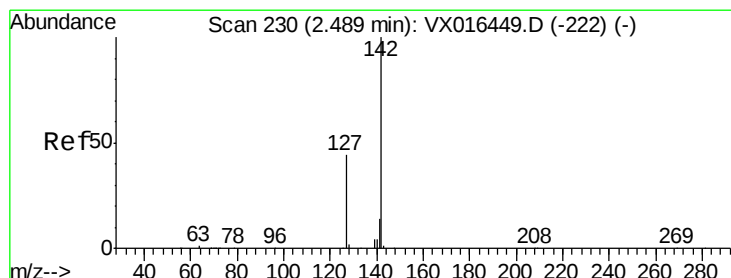
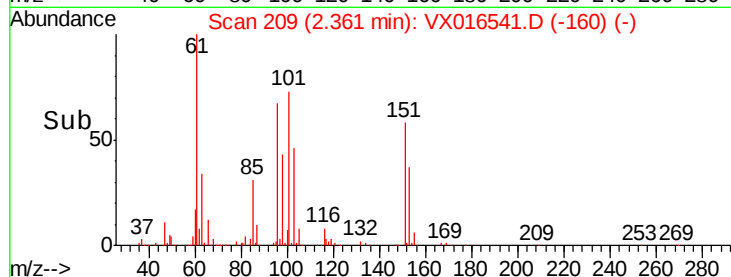
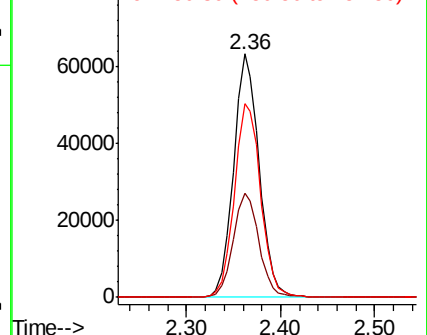
151 81.9 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 30.491 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

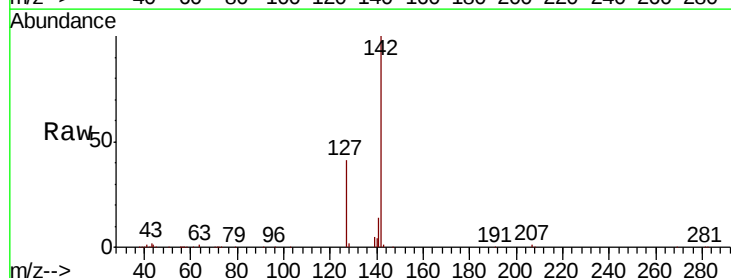
Tgt Ion:142 Resp: 85694

Ion Ratio Lower Upper

142 100

127 42.8 35.3 52.9

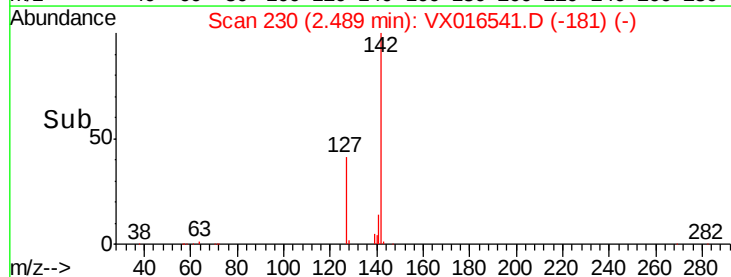
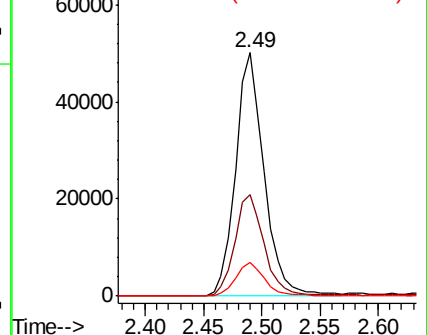
141 14.2 11.4 17.2

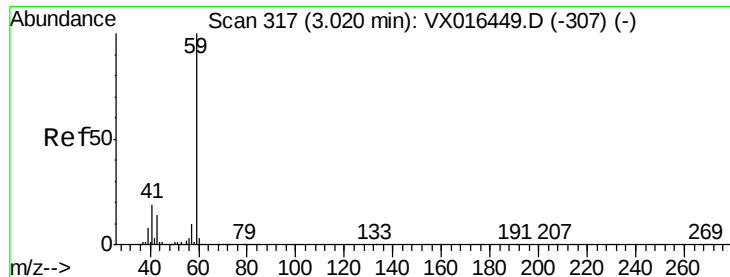


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



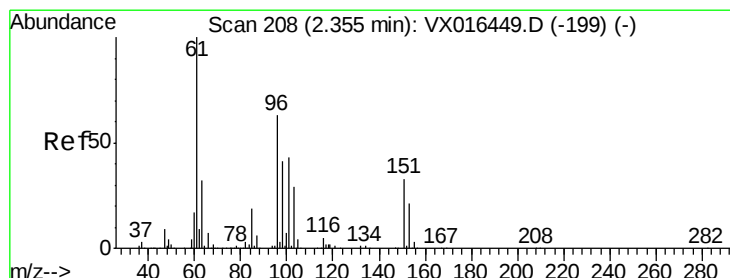
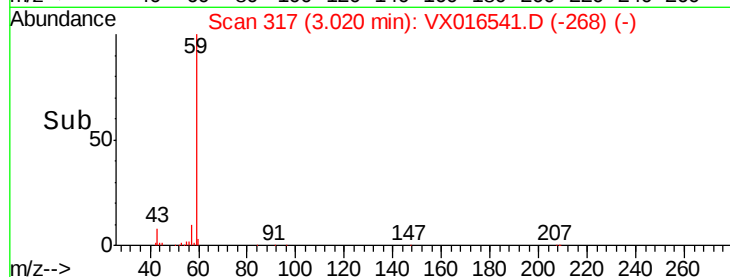
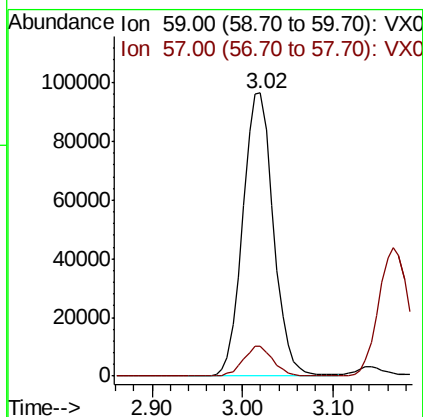
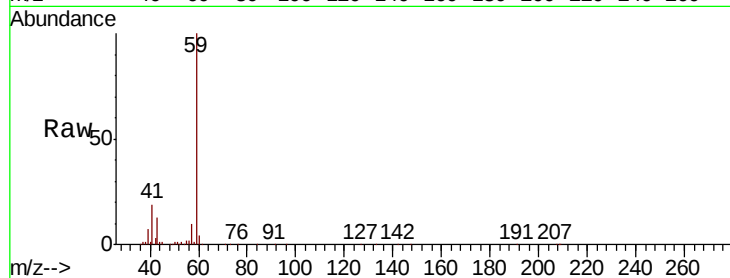


#11

Tert butyl alcohol
 Concen: 262.448 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

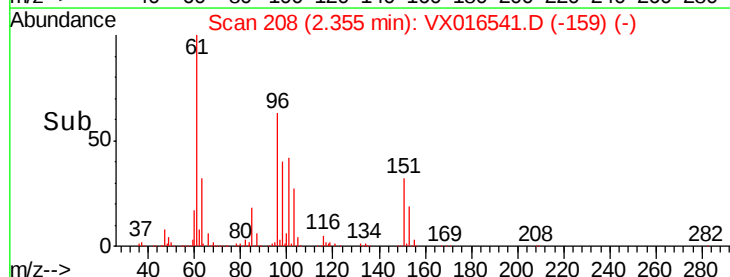
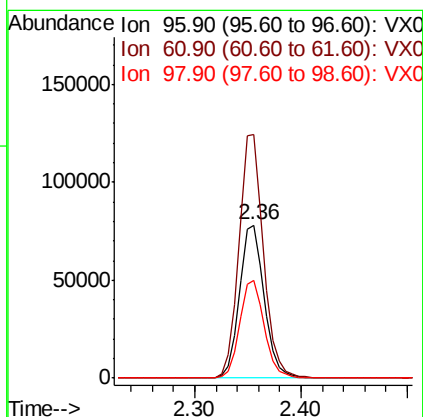
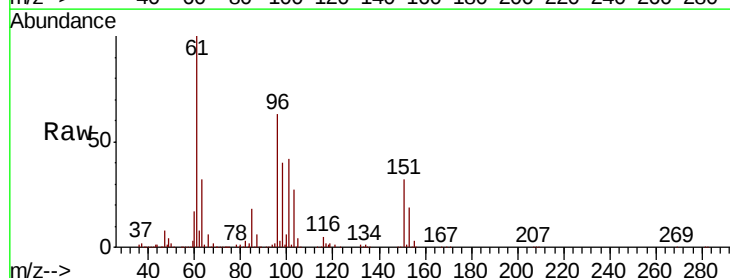
Tot Ion: 59 Resp: 225681
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

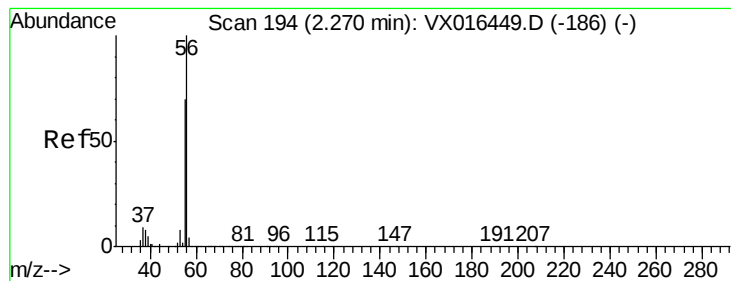


#12

1,1-Dichloroethene
 Concen: 48.863 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion: 96 Resp: 126957
 Ion Ratio Lower Upper
 96 100
 61 159.2 126.6 189.8
 98 63.6 51.3 76.9





#13

Acrolein

Concen: 291.924 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

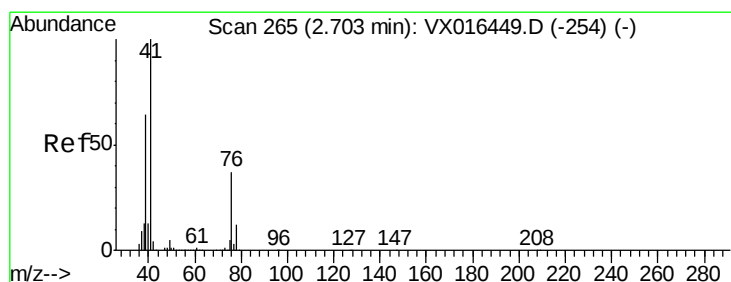
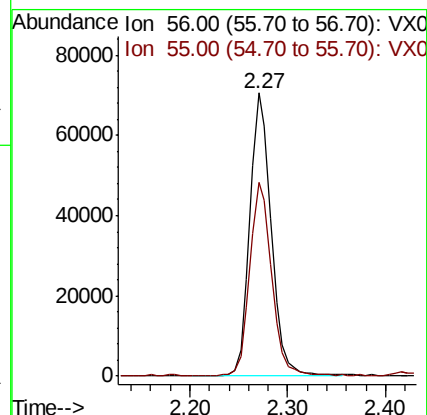
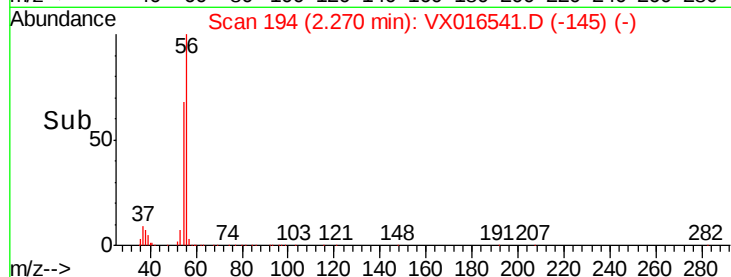
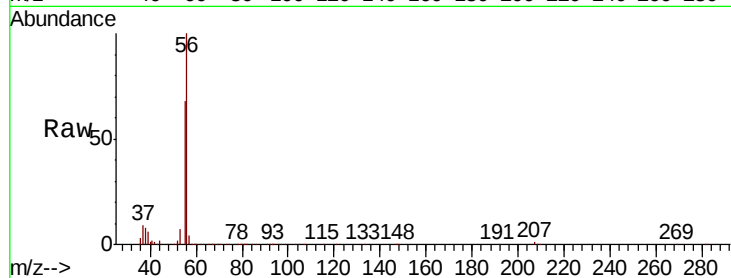
SS050MW113-200527MS

Tot Ion: 56 Resp: 106784

Ion Ratio Lower Upper

56 100

55 69.7 58.3 87.5



#14

Allyl chloride

Concen: 47.904 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

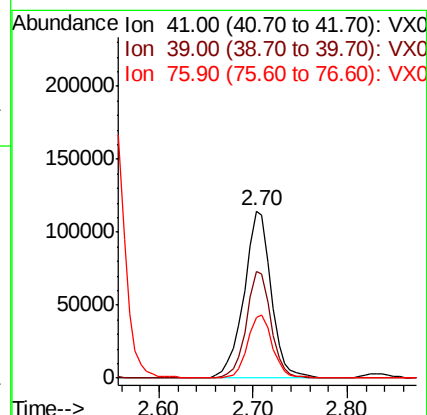
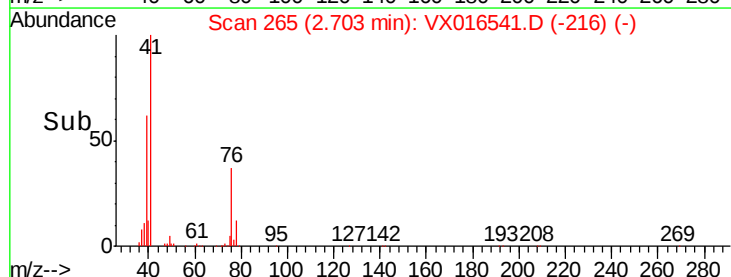
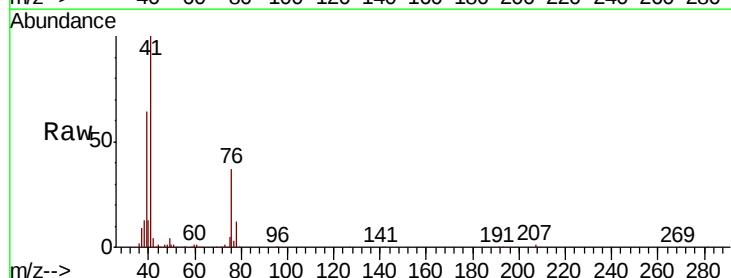
Tgt Ion: 41 Resp: 228901

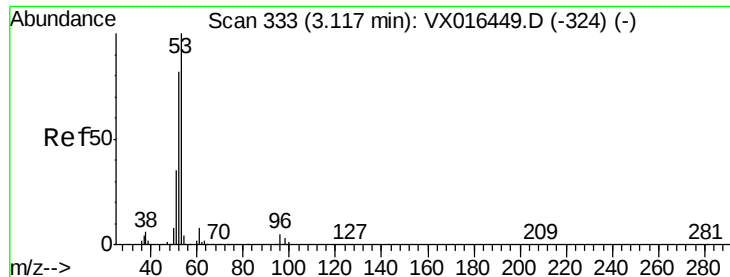
Ion Ratio Lower Upper

41 100

39 57.9 47.7 71.5

76 34.2 26.6 40.0

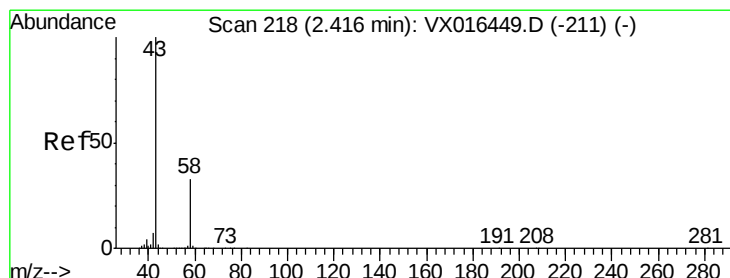
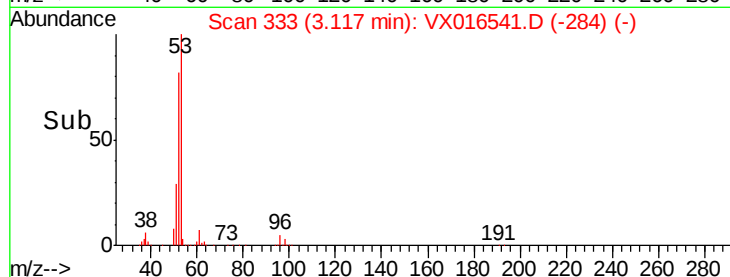
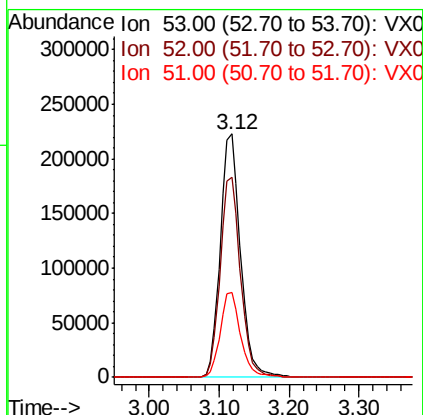
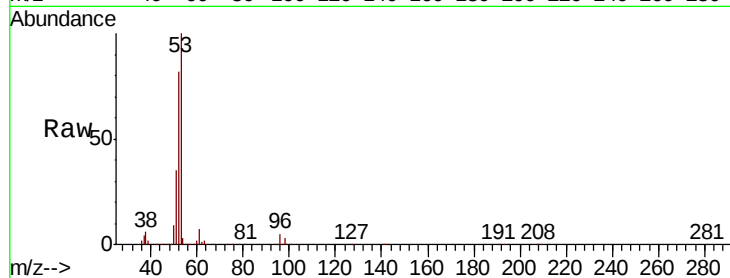




#15
 Acrylonitrile
 Concen: 254.673 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

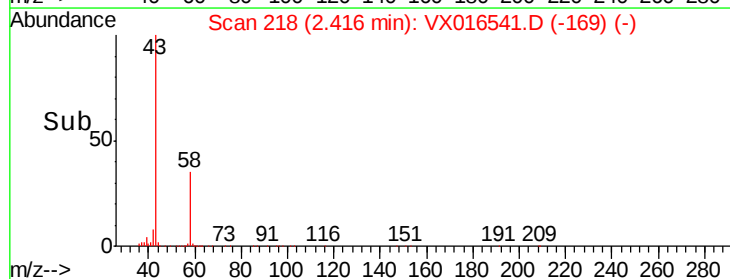
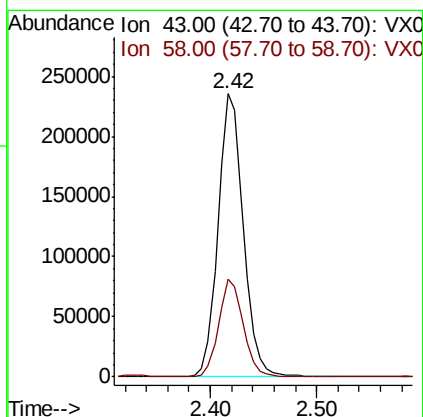
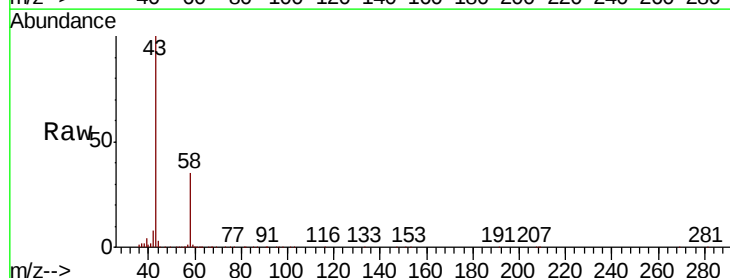
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

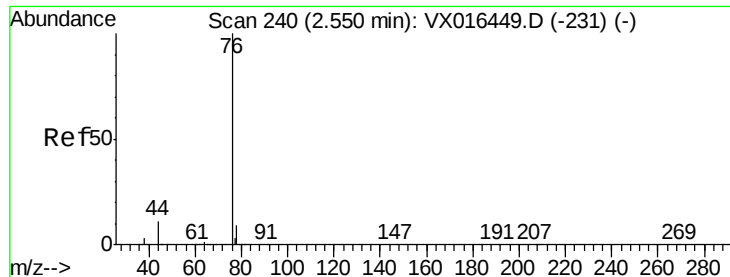
Tot Ion: 53 Resp: 448598
 Ion Ratio Lower Upper
 53 100
 52 82.1 66.7 100.1
 51 35.2 28.6 43.0



#16
 Acetone
 Concen: 262.456 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion: 43 Resp: 385598
 Ion Ratio Lower Upper
 43 100
 58 34.7 26.1 39.1





#17

Carbon Disulfide

Concen: 47.599 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

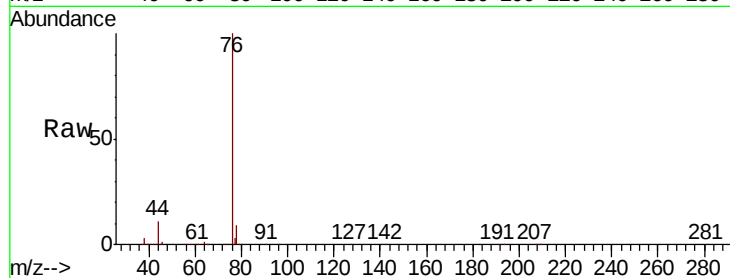
SS050MW113-200527MS

Tot Ion: 76 Resp: 367265

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

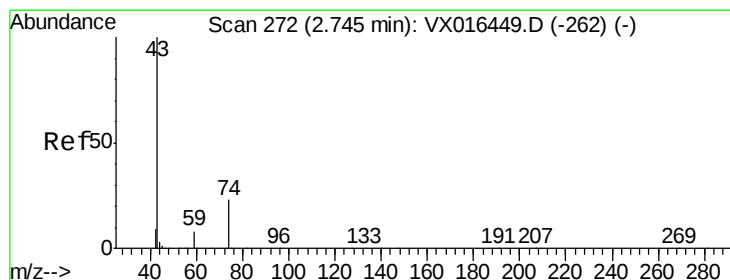
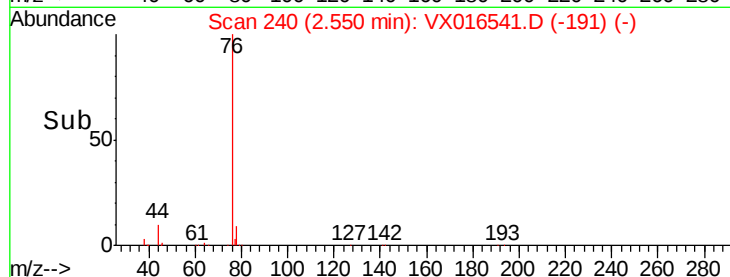
100000

50000

0

2.50 2.60

Time-->



#18

Methyl Acetate

Concen: 55.221 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016541.D

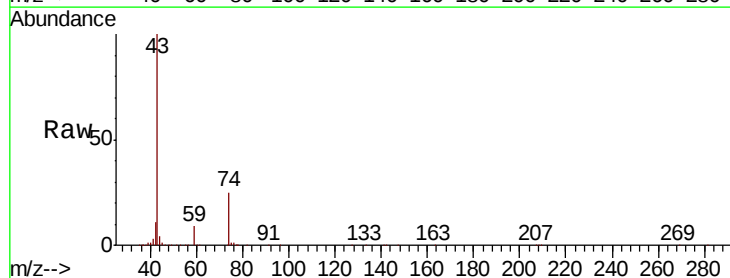
Acq: 01 Jun 2020 19:54

Tgt Ion: 43 Resp: 208083

Ion Ratio Lower Upper

43 100

74 25.2 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

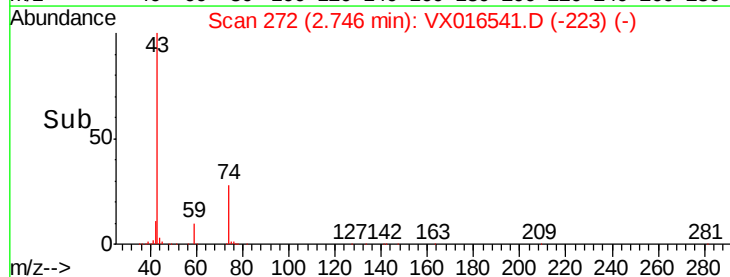
100000

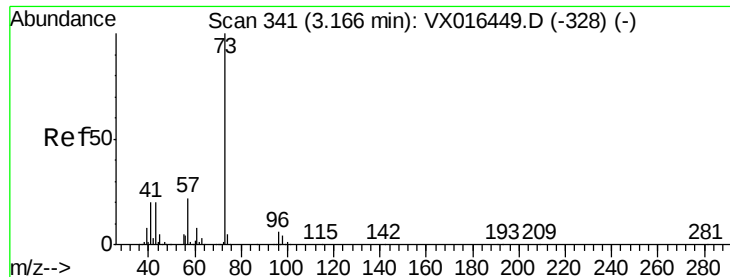
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->



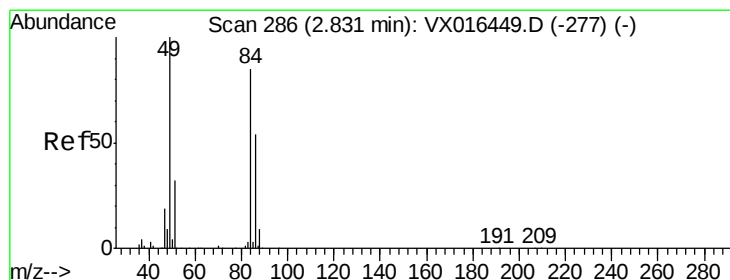
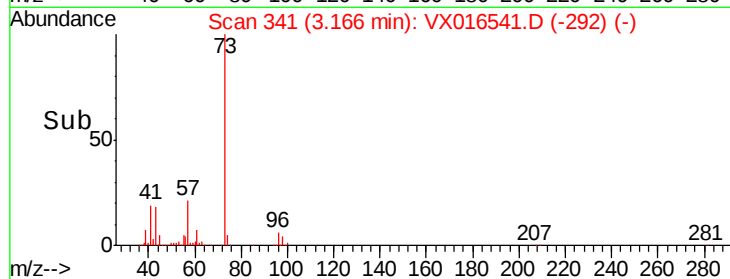
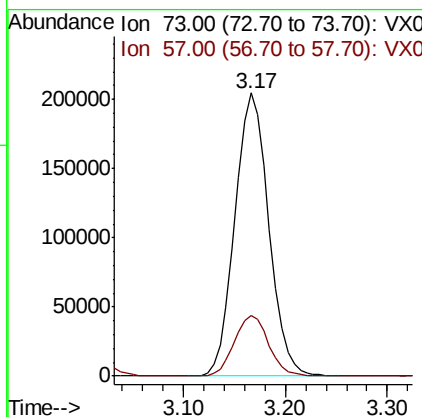
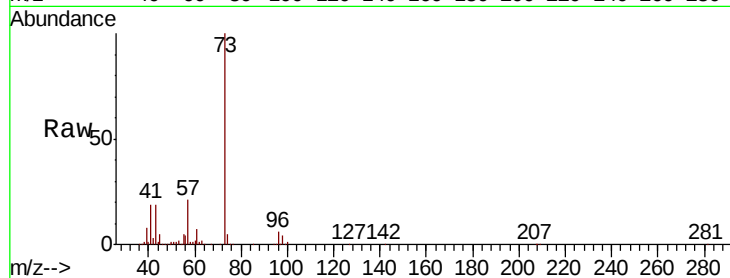


#19

Methyl tert-butyl Ether
 Concen: 50.407 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

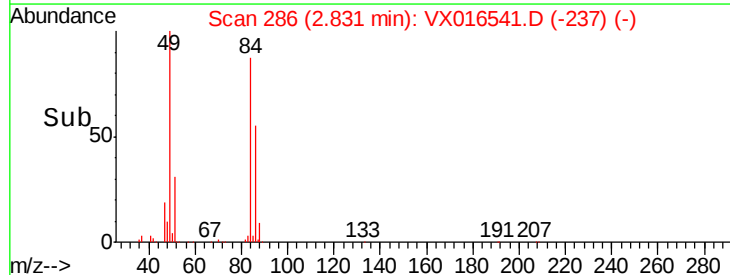
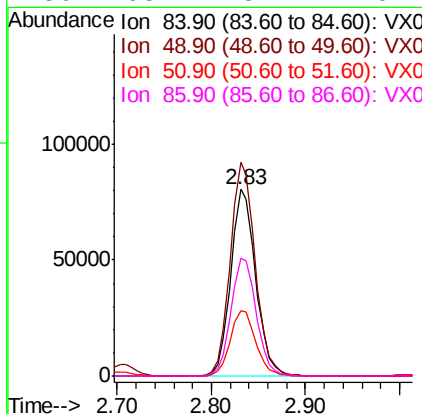
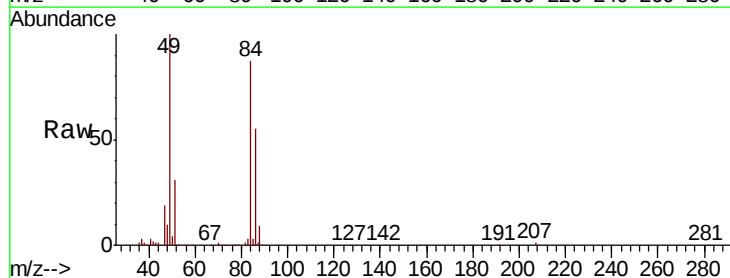
Tot Ion: 73 Resp: 470290
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.8 26.6

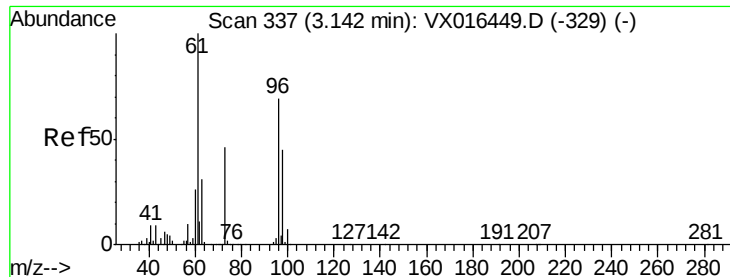


#20

Methylene Chloride
 Concen: 48.622 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion: 84 Resp: 147794
 Ion Ratio Lower Upper
 84 100
 49 114.6 94.5 141.7
 51 35.0 30.2 45.4
 86 63.1 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 49.278 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

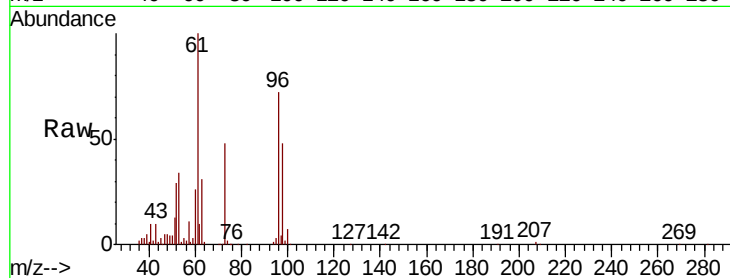
Tot Ion: 96 Resp: 141623

Ion Ratio Lower Upper

96 100

61 138.2 115.3 172.9

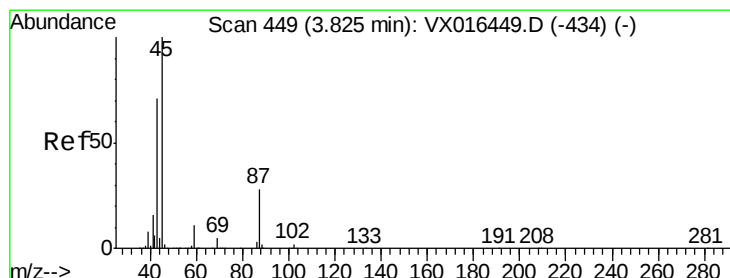
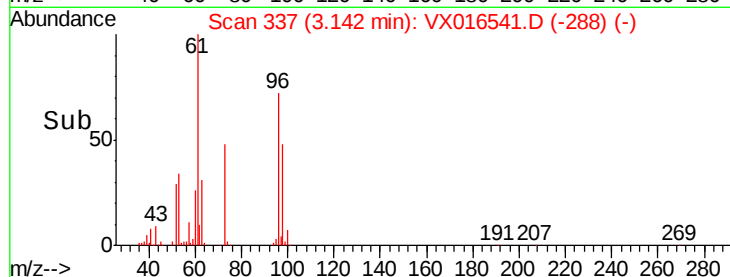
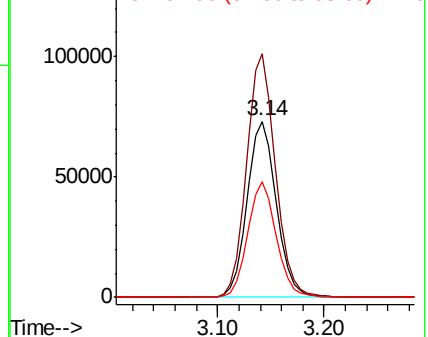
98 65.7 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 48.635 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion: 45 Resp: 446431

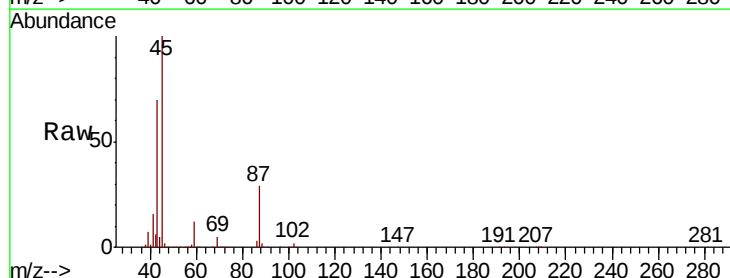
Ion Ratio Lower Upper

45 100

43 69.6 57.0 85.6

87 29.1 22.5 33.7

59 12.5 9.1 13.7

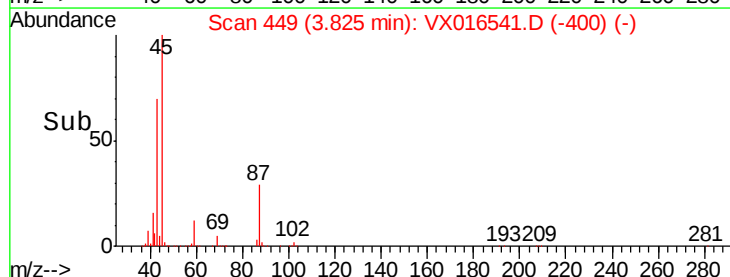
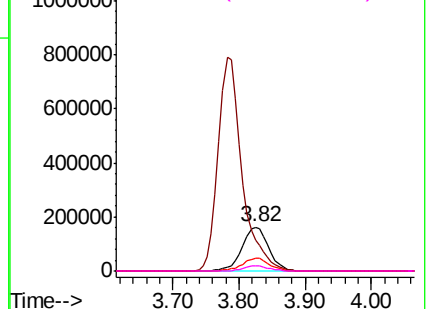


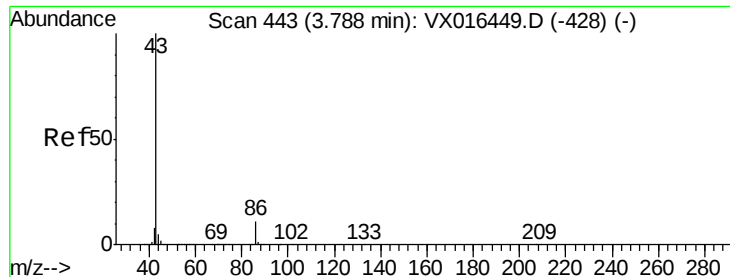
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 247.327 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

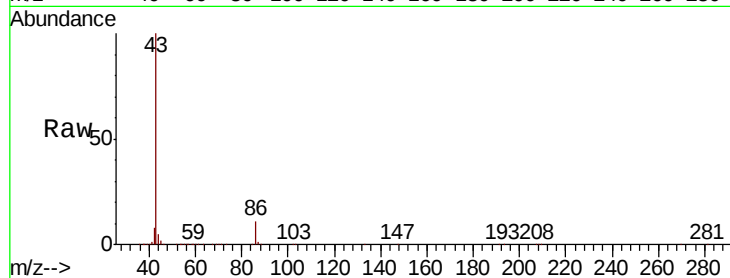
SS050MW113-200527MS

Tot Ion: 43 Resp: 1987188

Ion Ratio Lower Upper

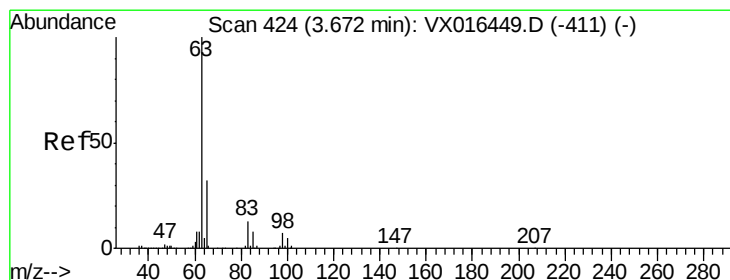
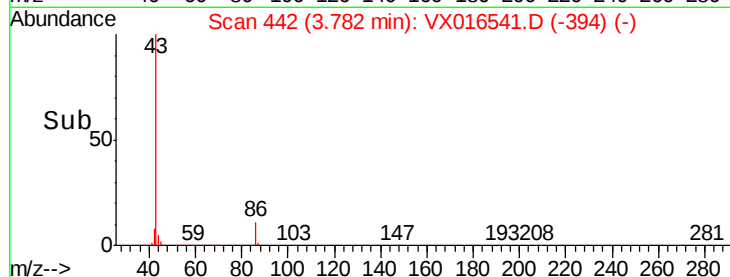
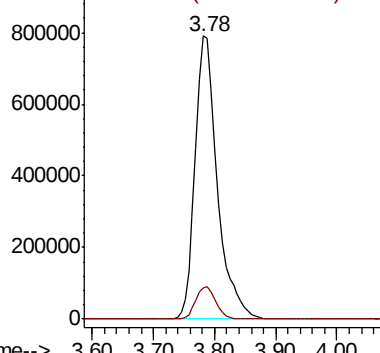
43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.265 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

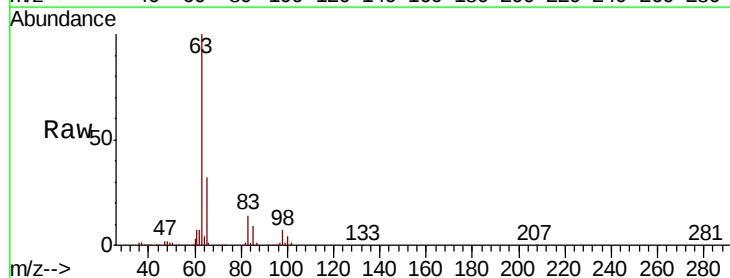
Tgt Ion: 63 Resp: 255238

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

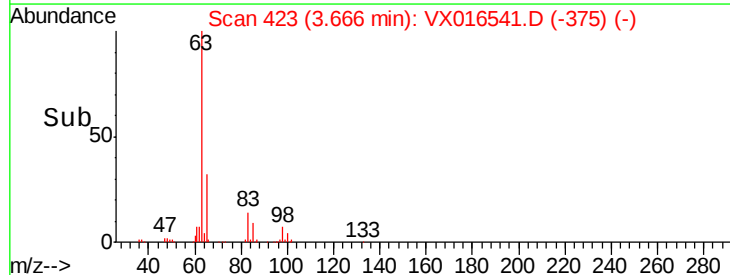
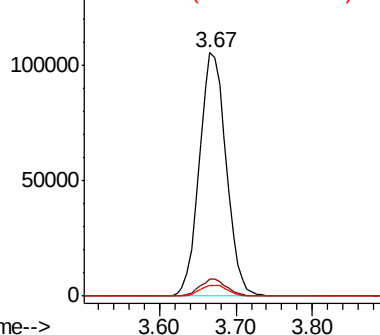
100 4.2 2.4 7.1

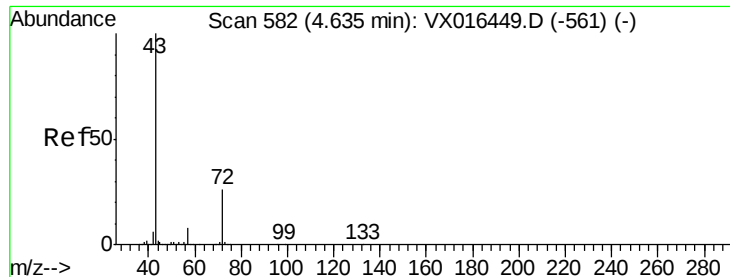


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 255.175 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

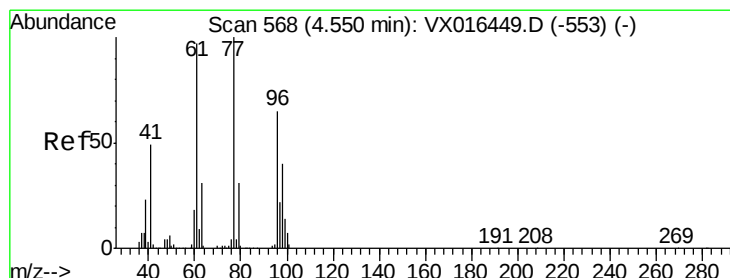
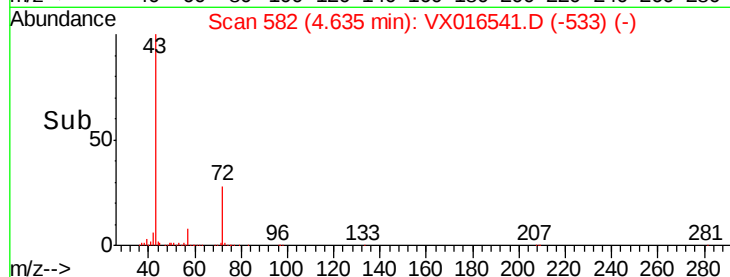
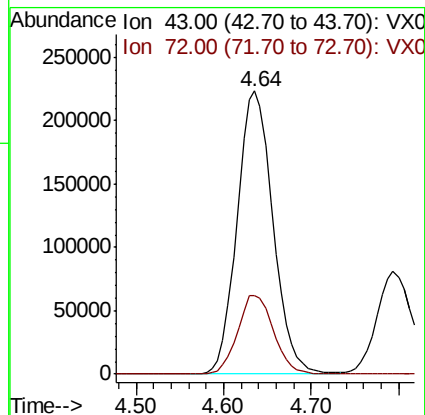
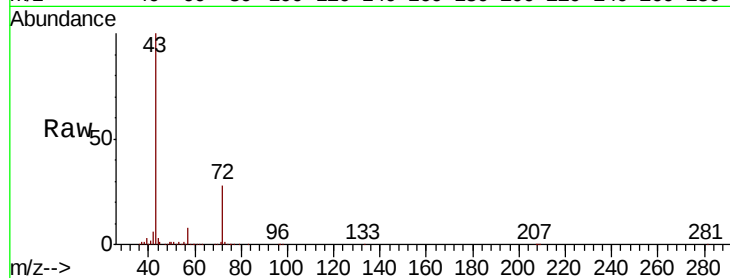
SS050MW113-200527MS

Tot Ion: 43 Resp: 635253

Ion Ratio Lower Upper

43 100

72 27.7 21.0 31.6



#26

2,2-Dichloropropane

Concen: 44.310 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016541.D

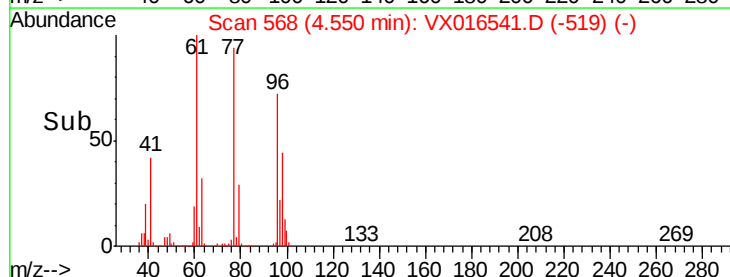
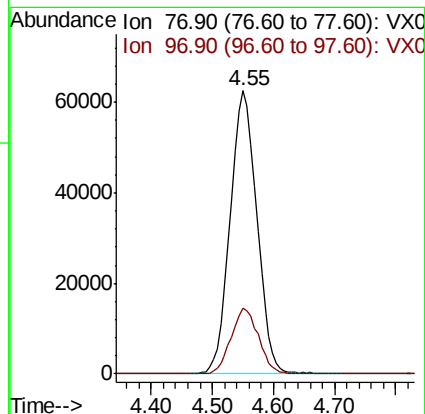
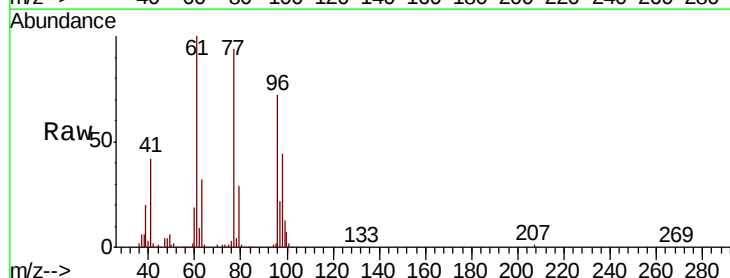
Acq: 01 Jun 2020 19:54

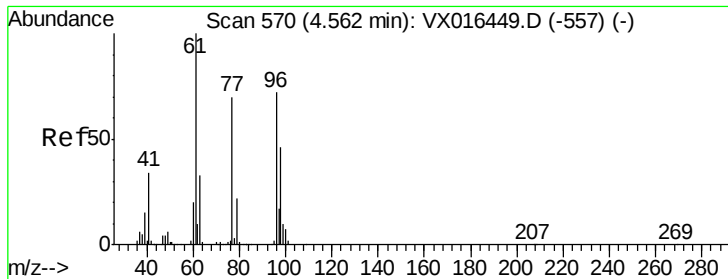
Tgt Ion: 77 Resp: 187849

Ion Ratio Lower Upper

77 100

97 23.7 11.5 34.4



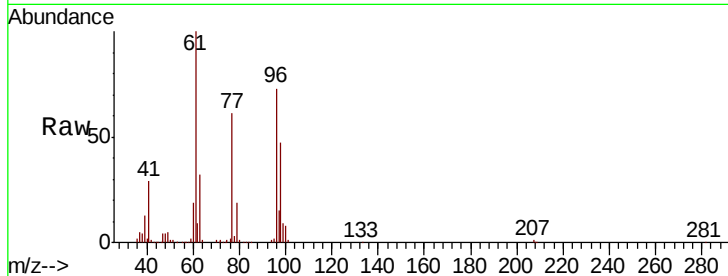


#27

cis-1,2-Dichloroethene
 Concen: 50.811 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	284.6
98	63.8	0.0	127.2

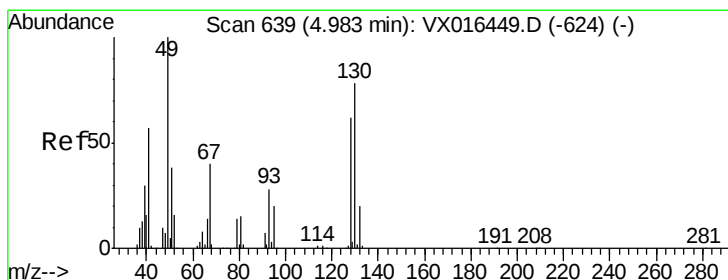
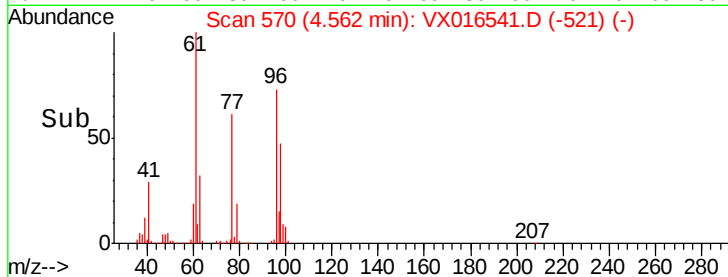
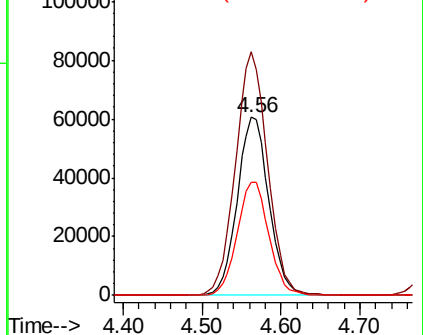


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

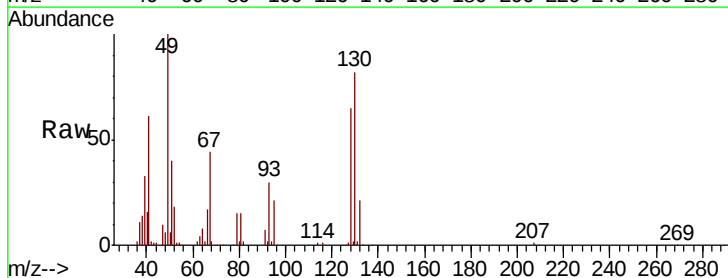
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 46.393 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.0
130	84.0	63.0	94.4

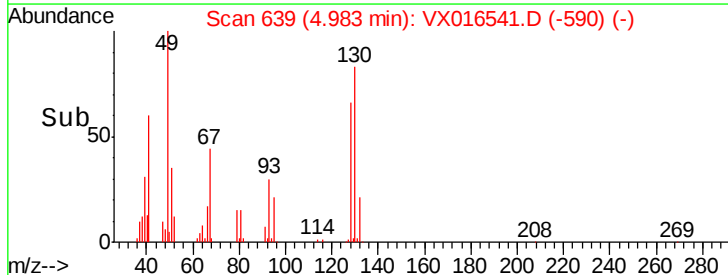
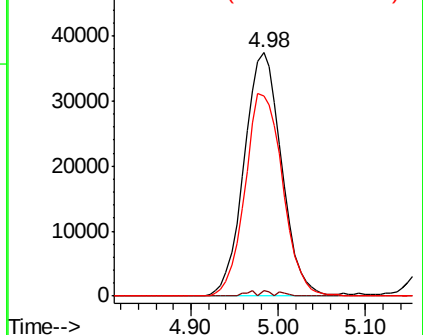


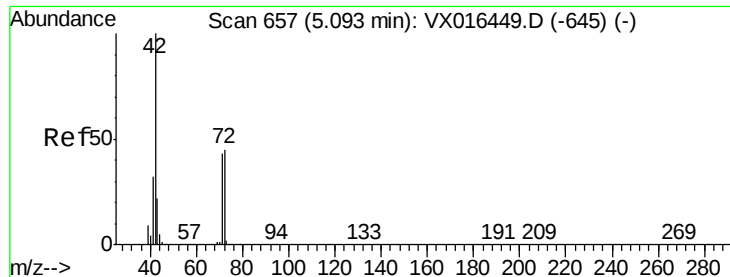
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 259.258 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

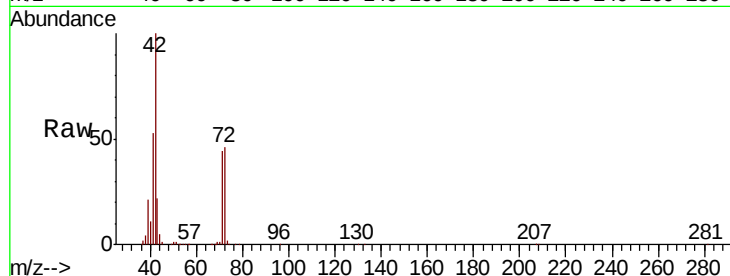
Tot Ion: 42 Resp: 416971

Ion Ratio Lower Upper

42 100

72 47.5 37.0 55.4

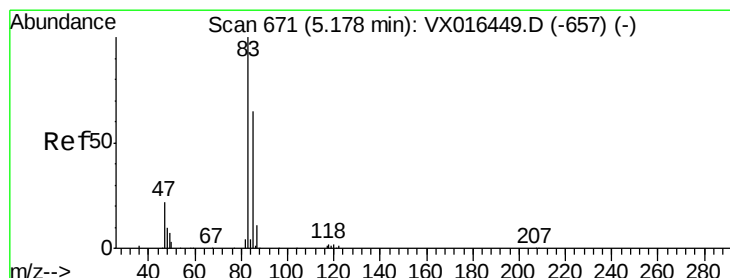
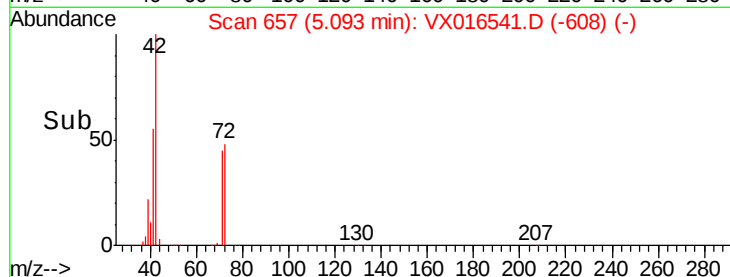
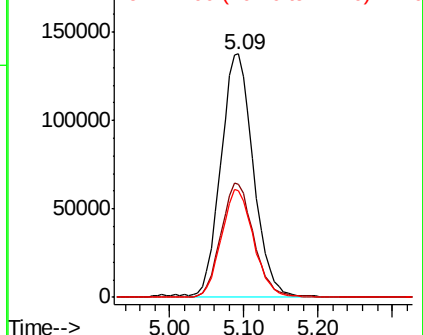
71 44.2 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.307 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016541.D

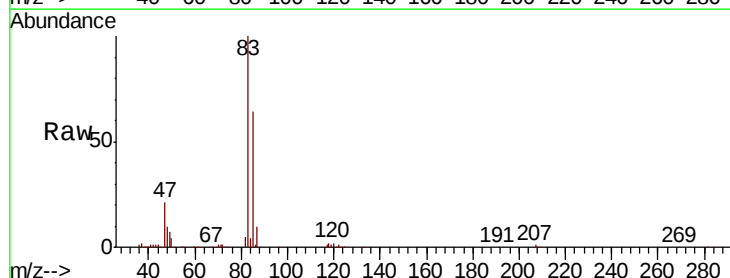
Acq: 01 Jun 2020 19:54

Tgt Ion: 83 Resp: 257397

Ion Ratio Lower Upper

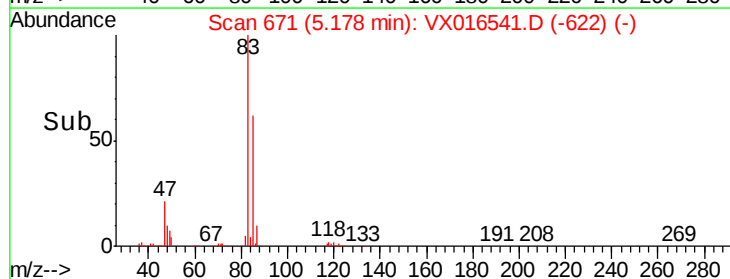
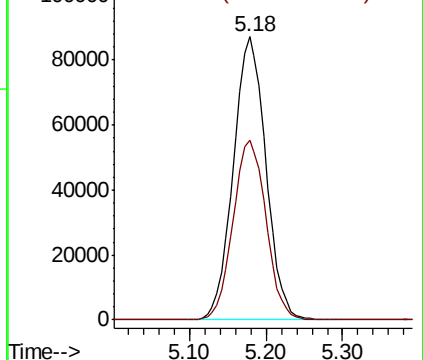
83 100

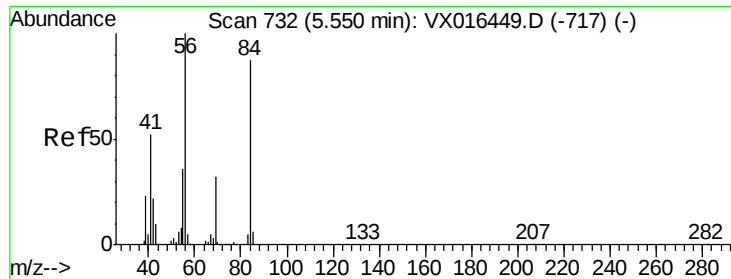
85 63.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

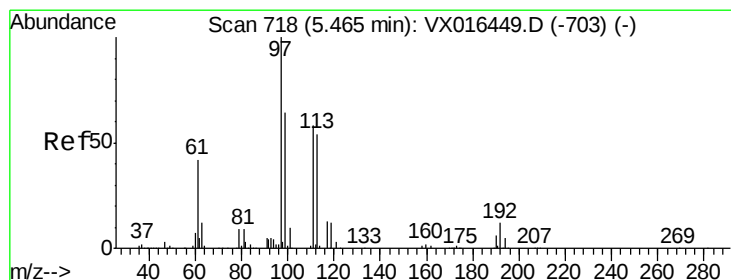
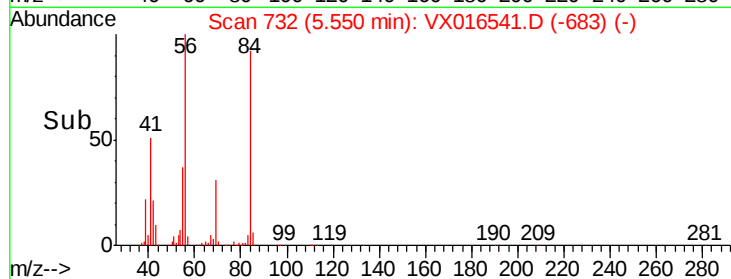
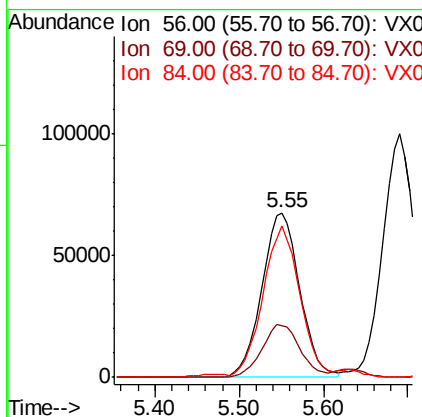
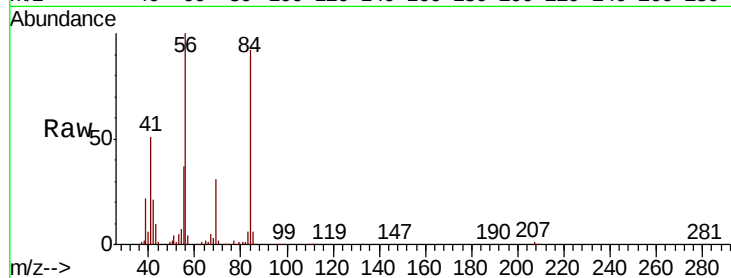




#31
Cyclohexane
Concen: 45.019 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

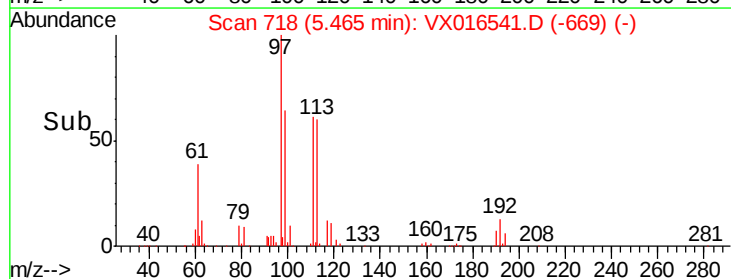
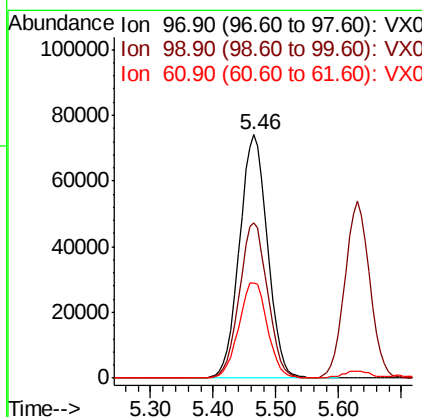
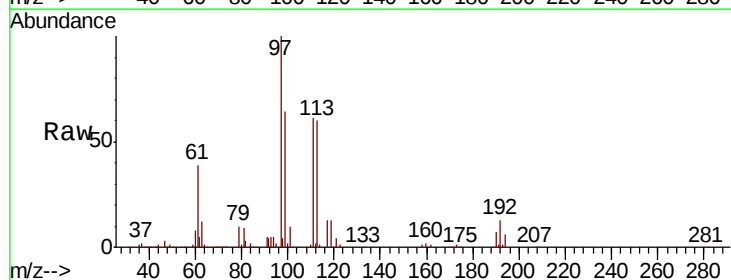
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

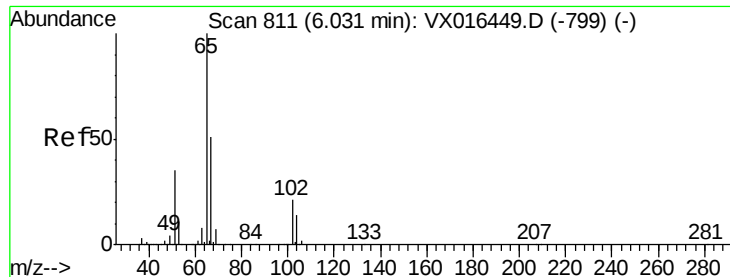
Tot Ion	56	Resp	209830
Ion Ratio	Lower	Upper	
56	100		
69	31.2	25.7	38.5
84	91.3	70.0	105.0



#32
1,1,1-Trichloroethane
Concen: 48.355 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	97	Resp	228533
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.2
61	40.2	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 47.156 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

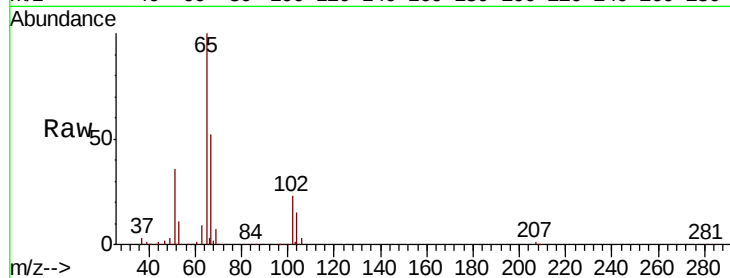
SS050MW113-200527MS

Tot Ion: 65 Resp: 158131

Ion Ratio Lower Upper

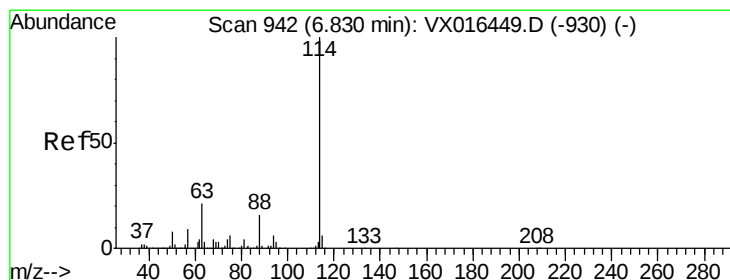
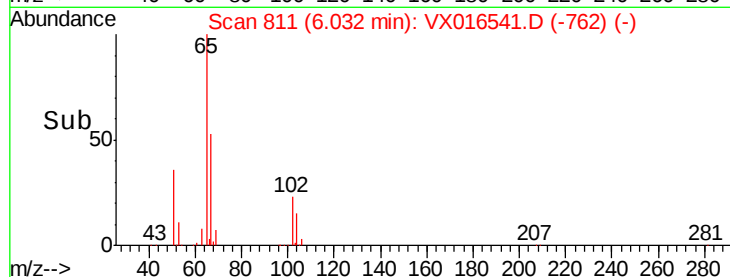
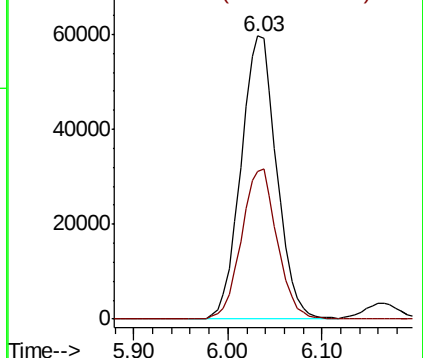
65 100

67 53.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

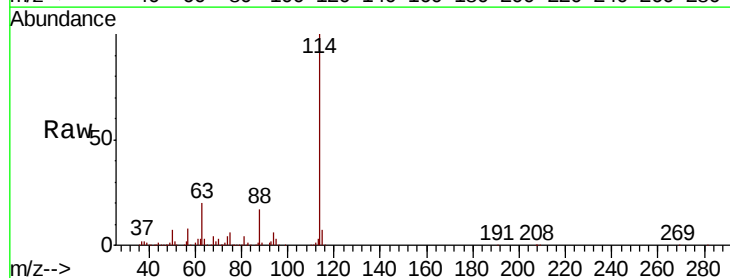
Tgt Ion: 114 Resp: 426428

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

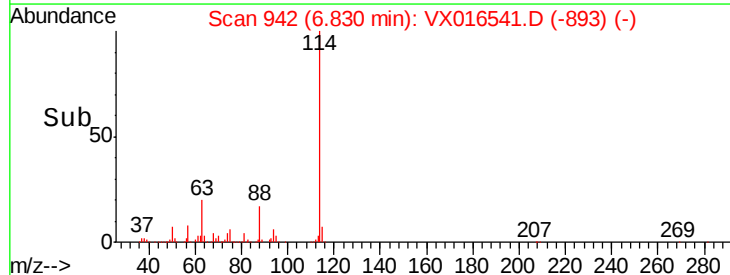
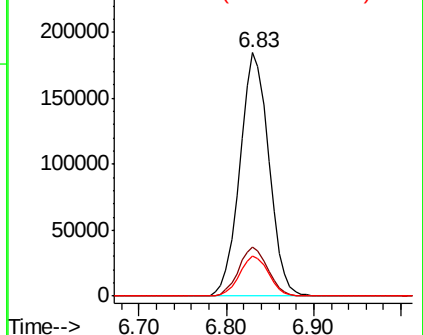
88 16.6 0.0 32.8

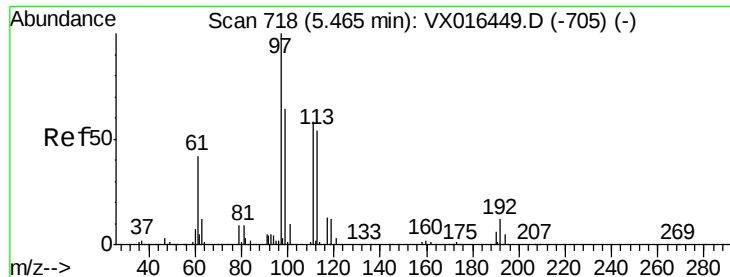


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

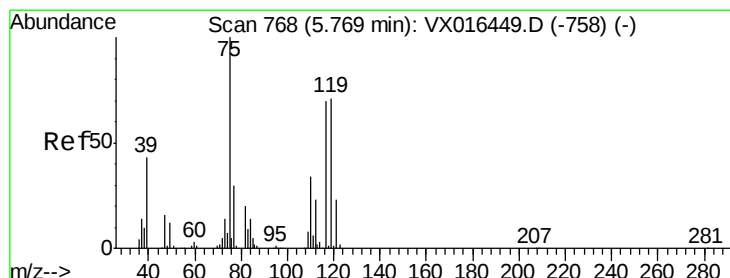
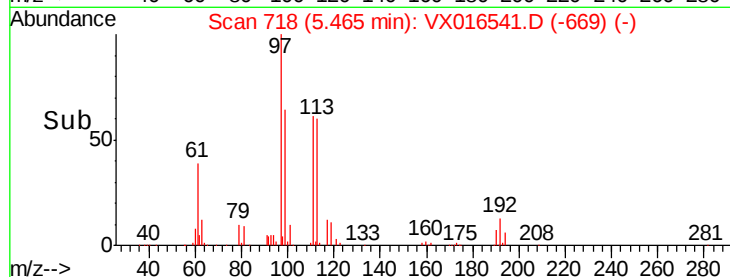
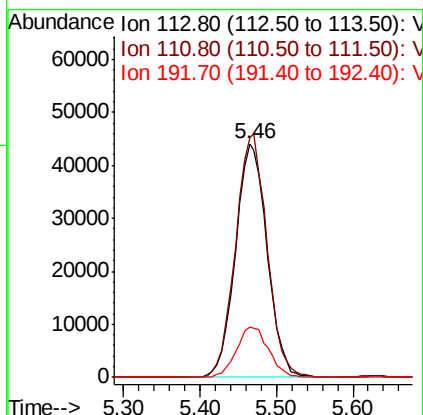
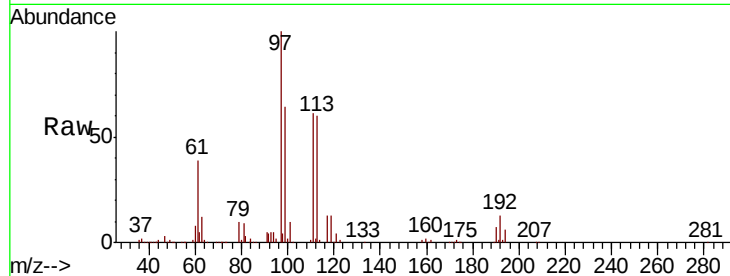




#35
 Dibromofluoromethane
 Concen: 48.063 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

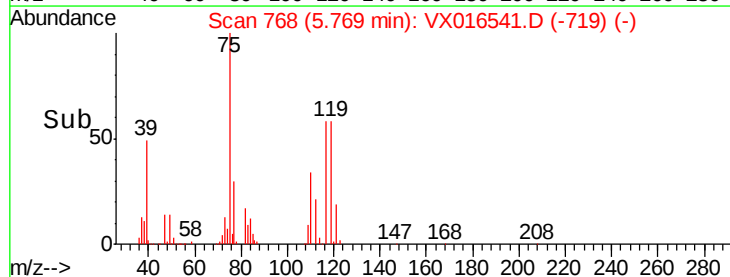
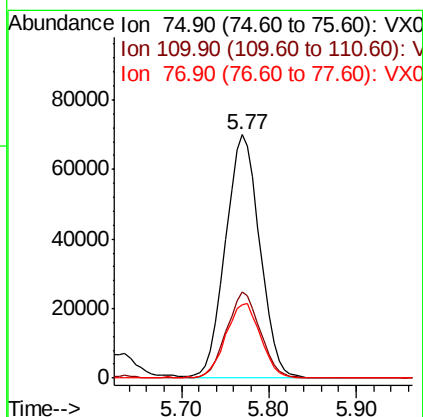
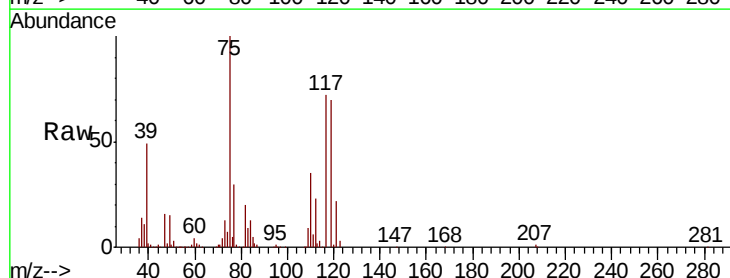
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

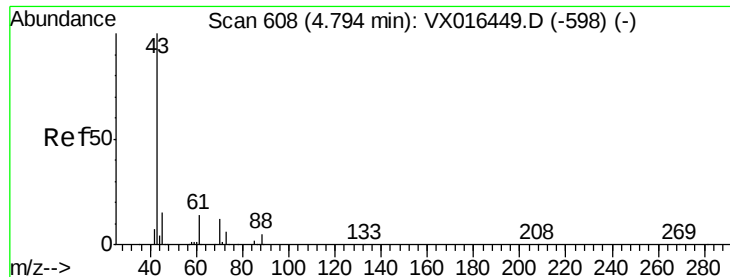
Tot Ion:113 Resp: 126200
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.0 124.6
 192 21.9 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 46.994 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion: 75 Resp: 189735
 Ion Ratio Lower Upper
 75 100
 110 35.0 17.4 52.3
 77 31.2 24.2 36.4

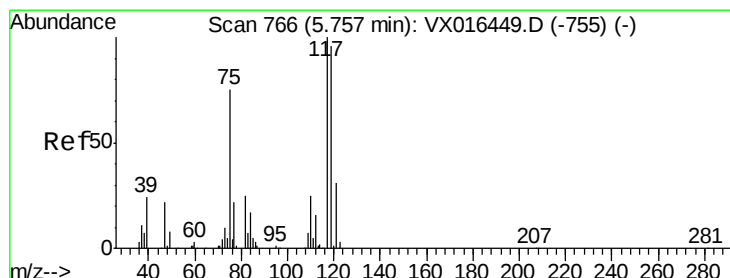
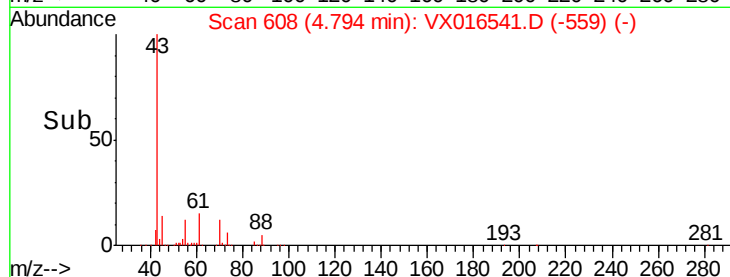
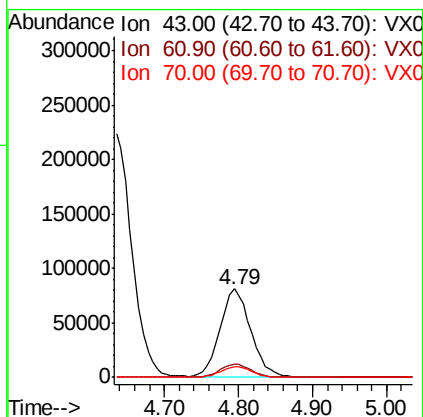
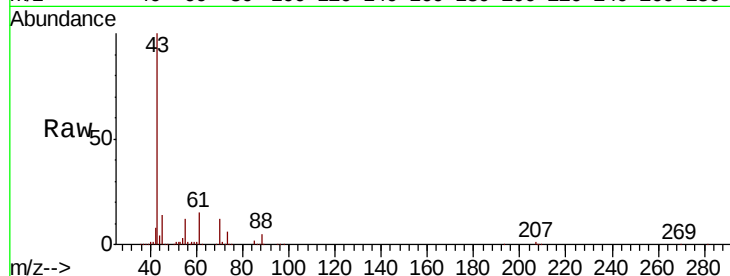




#37
Ethyl Acetate
Concen: 48.020 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

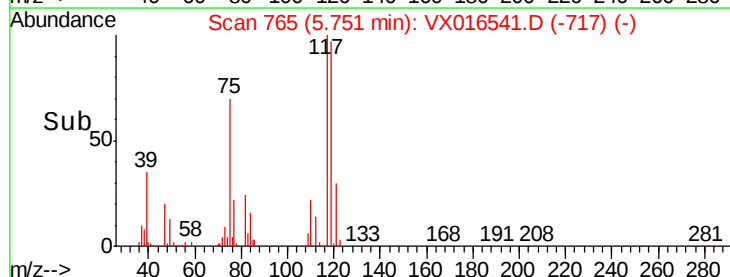
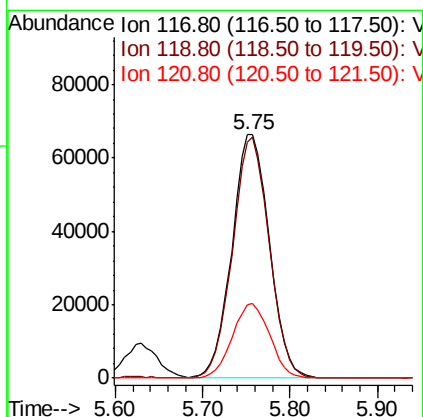
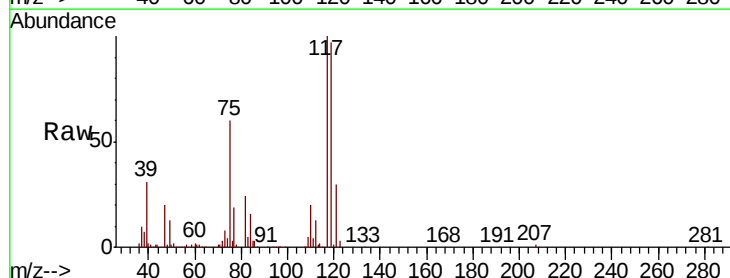
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

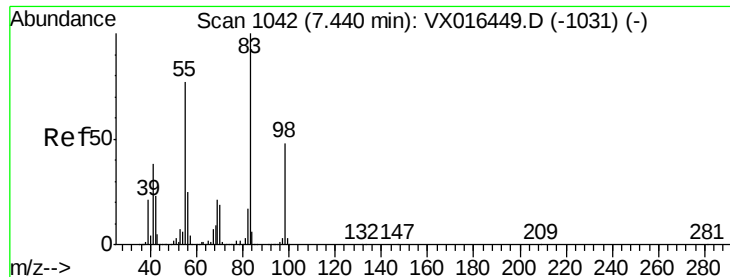
Tot Ion	43	Resp	232767
Ion Ratio	Lower	Upper	
43	100		
61	15.1	11.3	16.9
70	12.2	9.3	13.9



#38
Carbon Tetrachloride
Concen: 46.497 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	117	Resp	197285
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.3	114.5
121	30.4	24.6	37.0

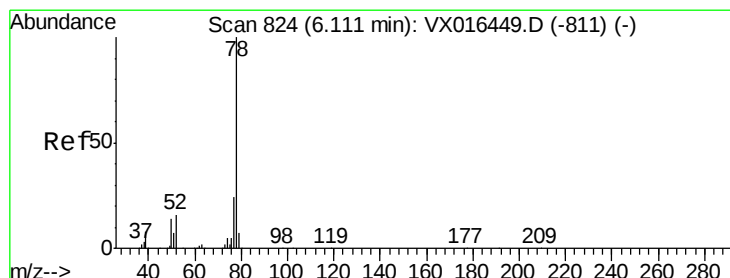
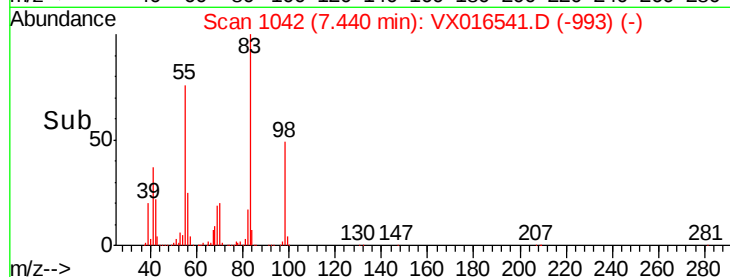
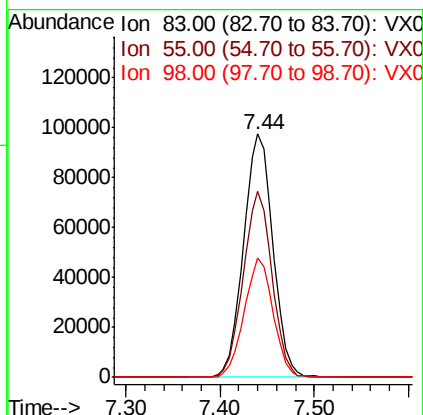
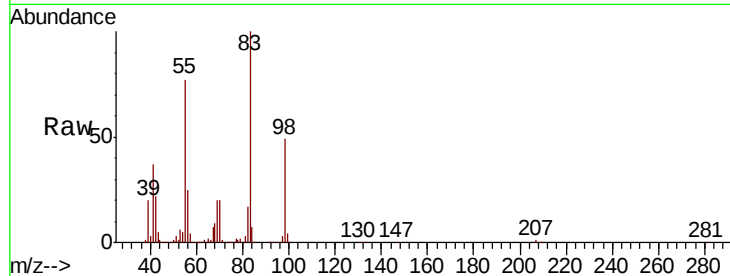




#39
Methvlcvclohexane
Concen: 48.621 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

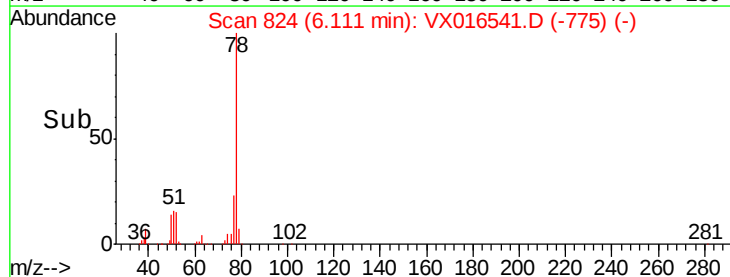
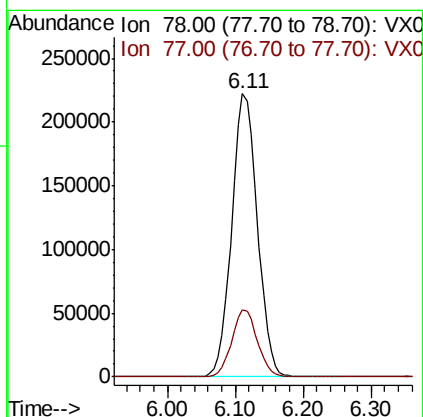
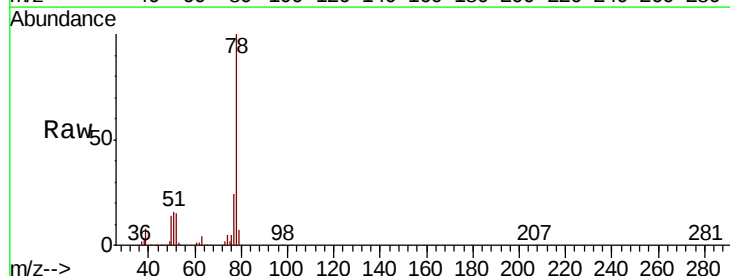
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

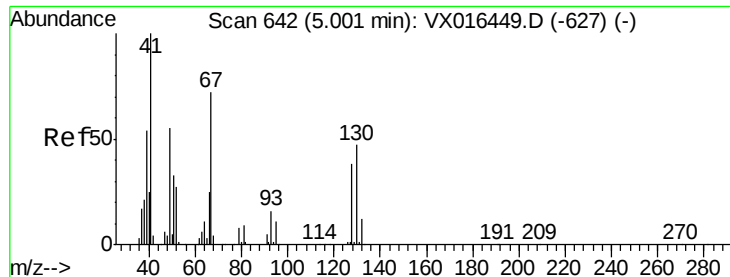
Tot Ion: 83 Resp: 213222
Ion Ratio Lower Upper
83 100
55 76.5 61.7 92.5
98 49.1 38.7 58.1



#40
Benzene
Concen: 48.374 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion: 78 Resp: 581621
Ion Ratio Lower Upper
78 100
77 23.8 18.9 28.3

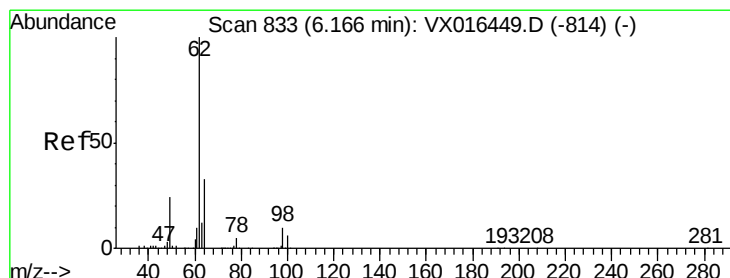
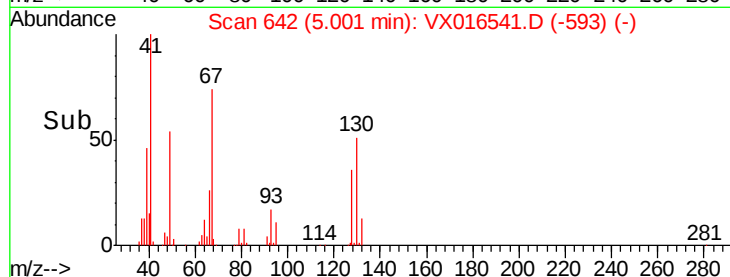
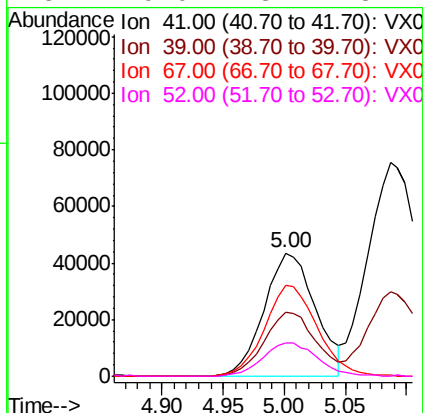
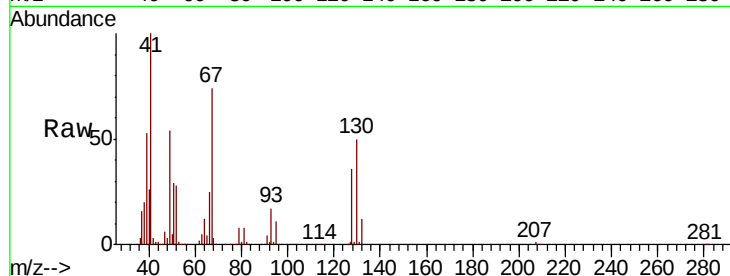




#41
Methacrylonitrile
Concen: 47.574 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

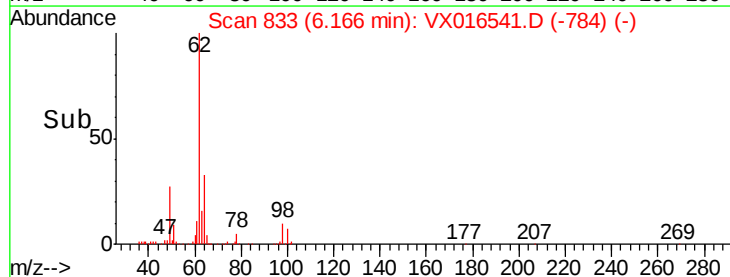
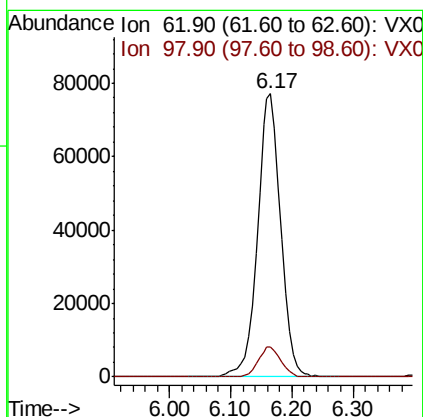
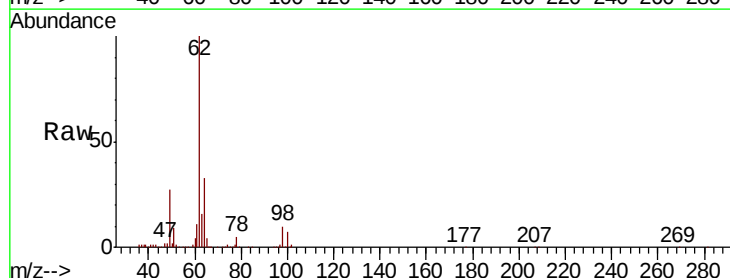
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

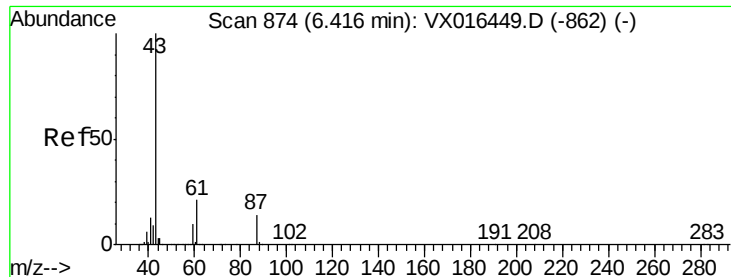
Tot Ion:	41	Resp:	126670
Ion	Ratio	Lower	Upper
41	100		
39	52.5	43.0	64.4
67	76.3	58.9	88.3
52	29.0	23.1	34.7



#42
1,2-Dichloroethane
Concen: 47.819 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion:	62	Resp:	204467
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.8



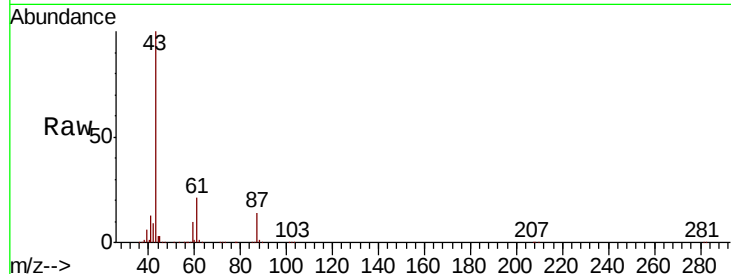


#43

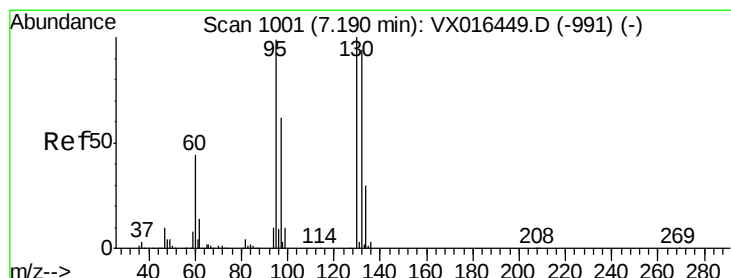
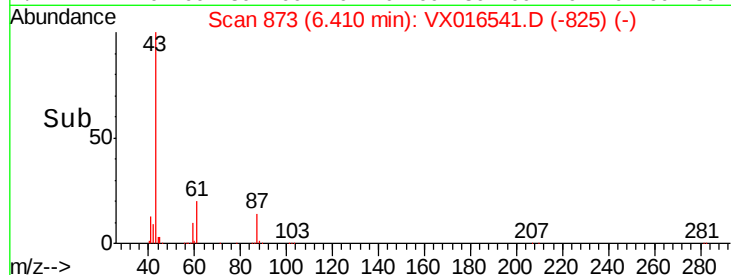
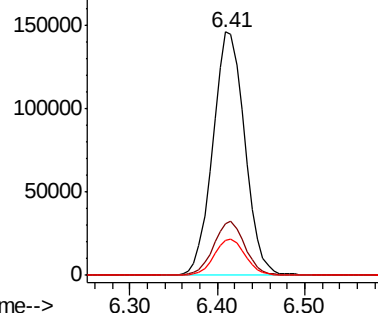
Isopropyl Acetate
 Concen: 48.813 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	43	Resp	369069
Ion Ratio	Lower	Upper	
43	100		
61	21.8	16.8	25.2
87	14.7	11.2	16.8



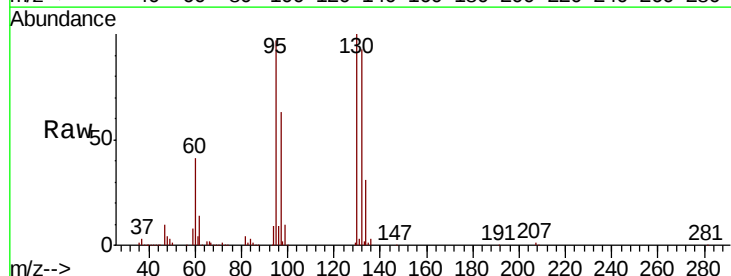
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



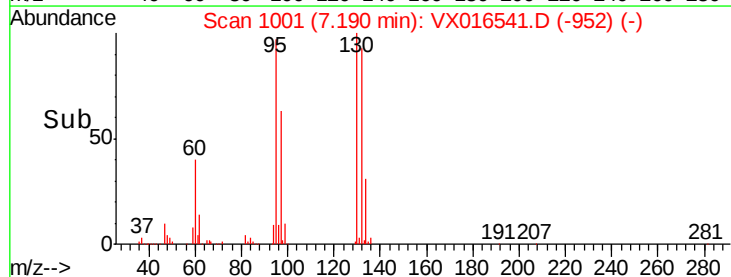
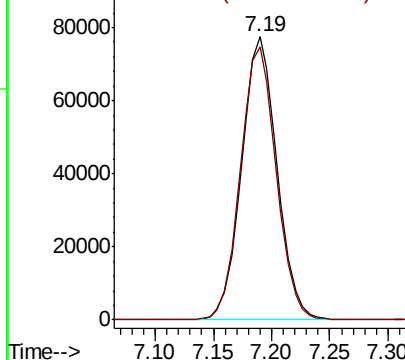
#44

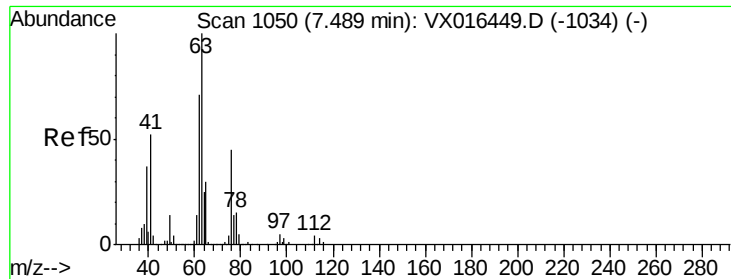
Trichloroethene
 Concen: 42.954 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	130	Resp	163860
Ion Ratio	Lower	Upper	
130	100		
95	96.6	0.0	198.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 49.764 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

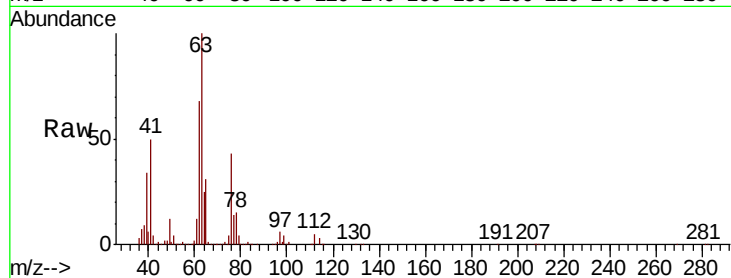
SS050MW113-200527MS

Tot Ion: 63 Resp: 152322

Ion Ratio Lower Upper

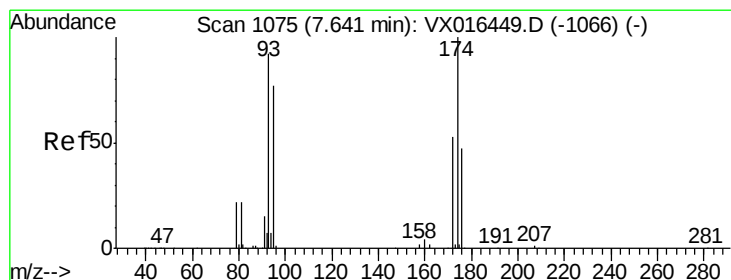
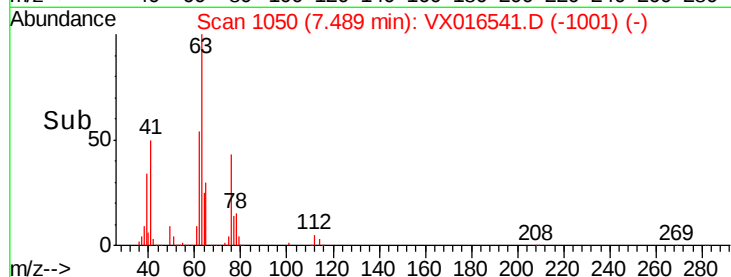
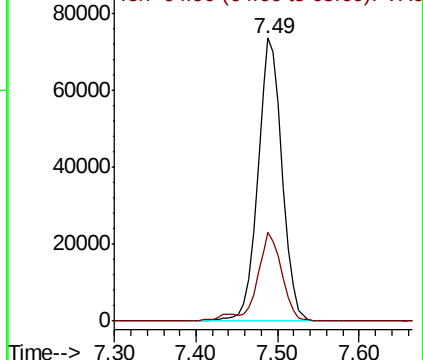
63 100

65 31.4 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.369 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

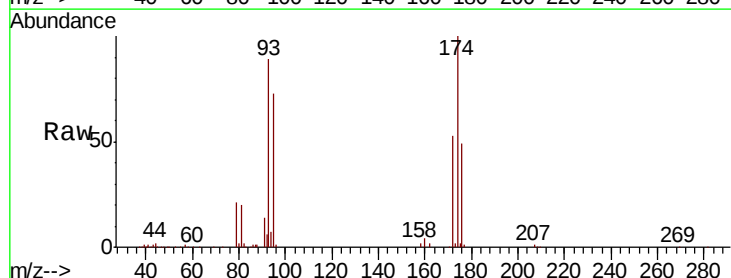
Tgt Ion: 93 Resp: 101498

Ion Ratio Lower Upper

93 100

95 82.1 66.6 100.0

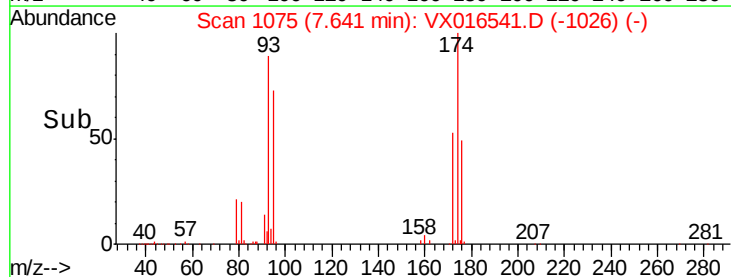
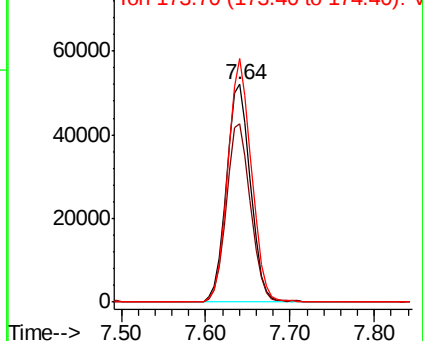
174 109.1 86.2 129.4

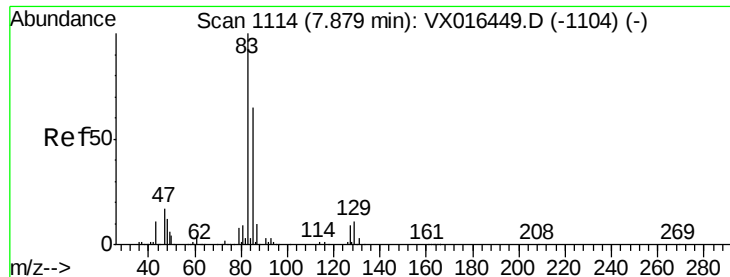


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.853 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

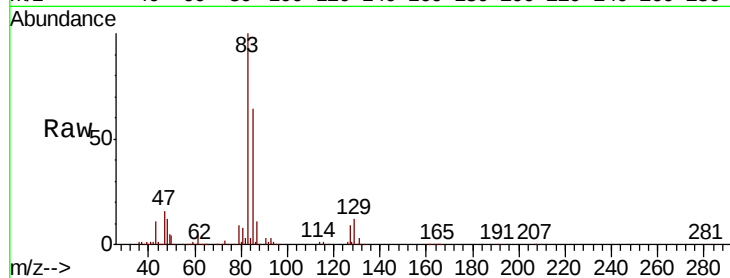
Tot Ion: 83 Resp: 207964

Ion Ratio Lower Upper

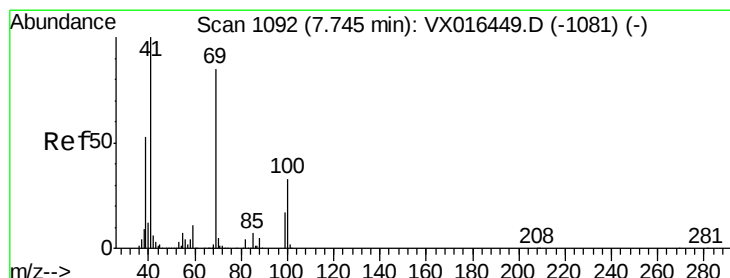
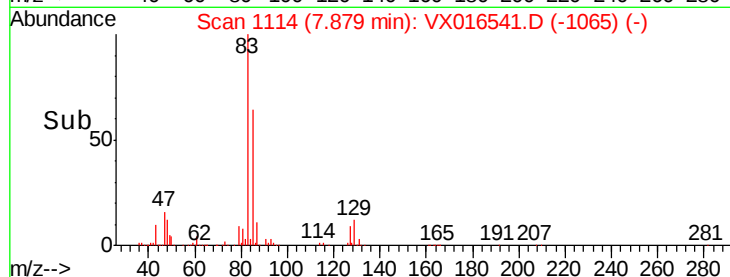
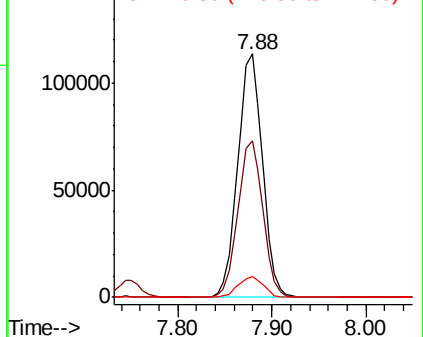
83 100

85 64.1 52.0 78.0

127 8.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.696 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

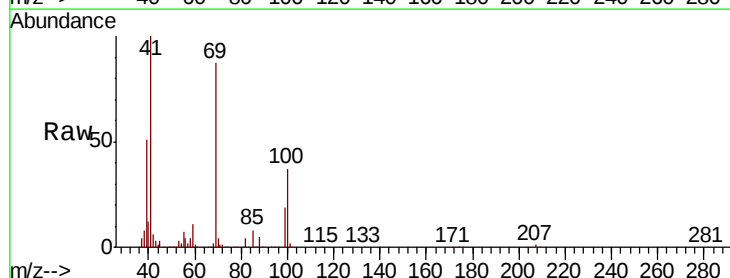
Tgt Ion: 41 Resp: 179908

Ion Ratio Lower Upper

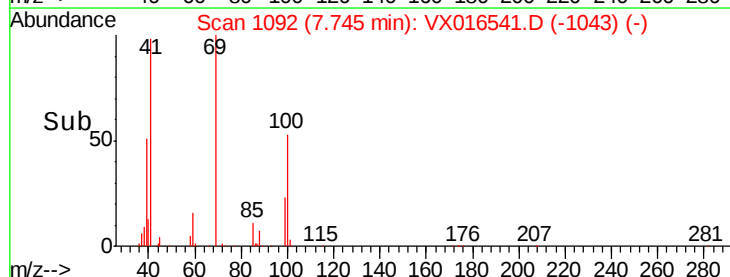
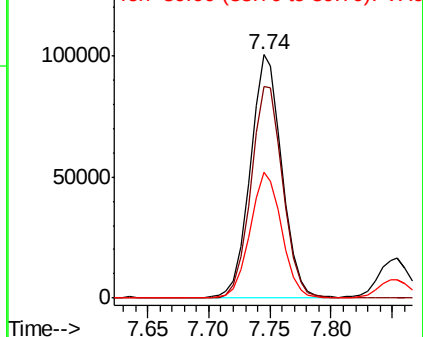
41 100

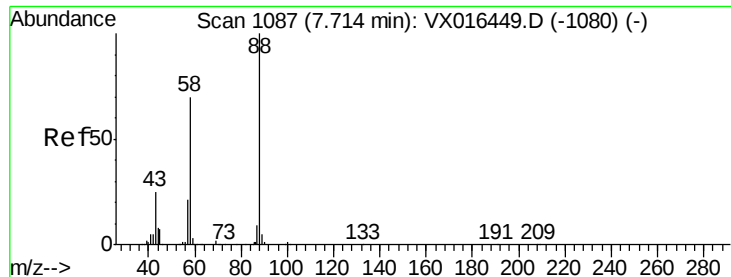
69 88.5 68.6 102.8

39 51.8 42.4 63.6



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

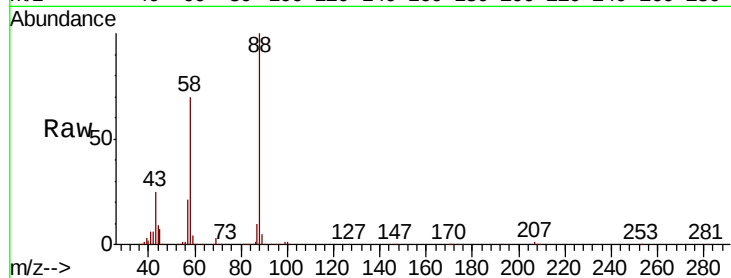




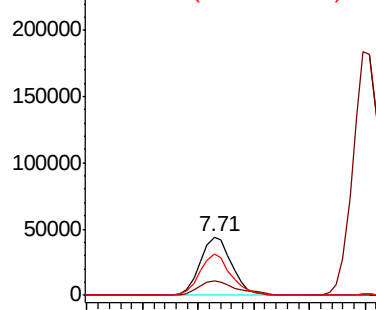
#49
 1,4-Dioxane
 Concen: 1017.712 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

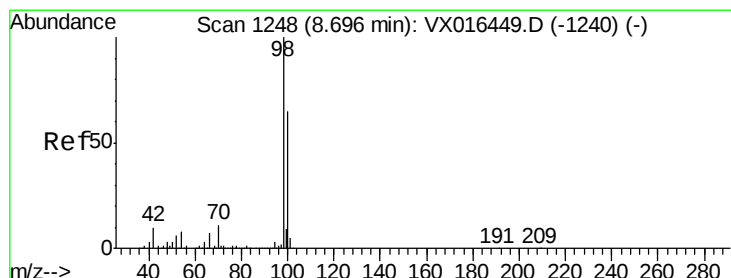
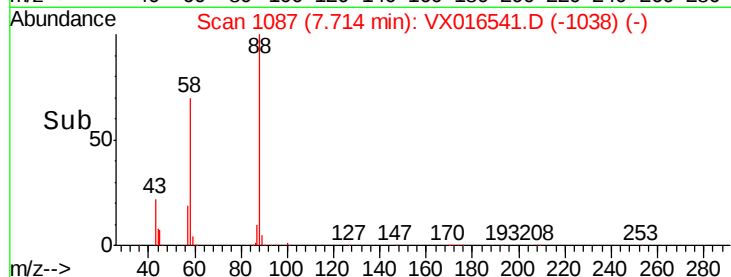
Tot Ion: 88 Resp: 86222
 Ion Ratio Lower Upper
 88 100
 43 29.8 24.2 36.4
 58 70.1 56.5 84.7



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

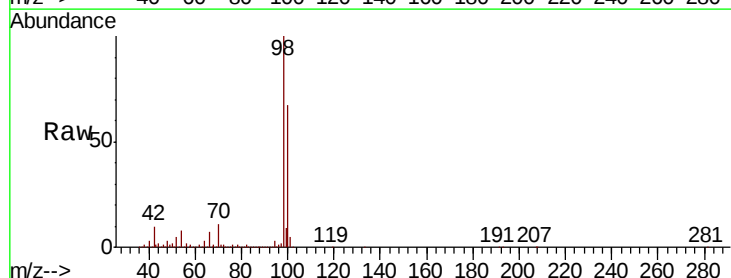


Time--> 7.60 7.65 7.70 7.75 7.80

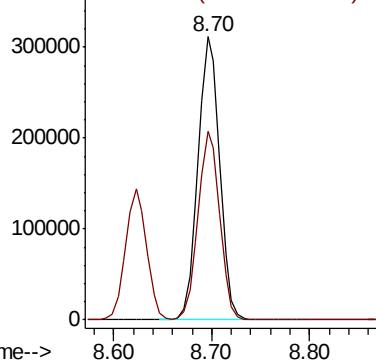


#50
 Toluene-d8
 Concen: 46.905 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

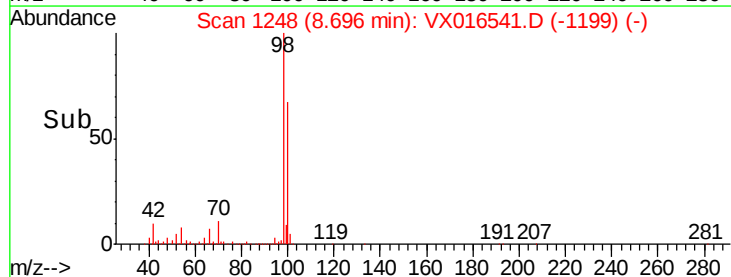
Tgt Ion: 98 Resp: 479360
 Ion Ratio Lower Upper
 98 100
 100 66.7 53.8 80.6

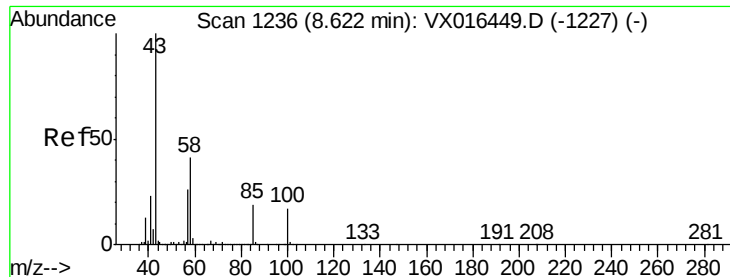


Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V



Time--> 8.60 8.70 8.80





#51

4-Methyl-2-Pentanone

Concen: 255.570 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

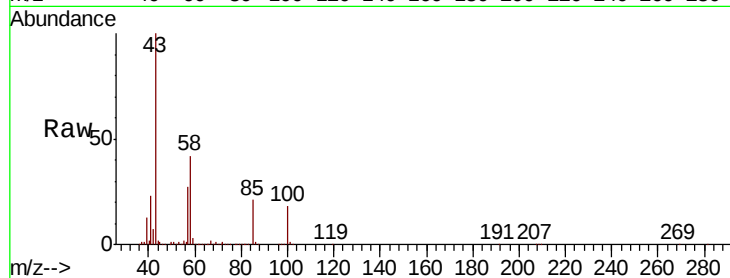
SS050MW113-200527MS

Tot Ion: 43 Resp: 1203199

Ion Ratio Lower Upper

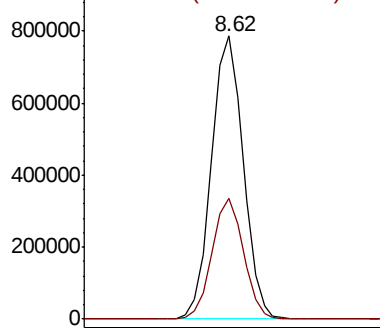
43 100

58 42.1 33.0 49.6

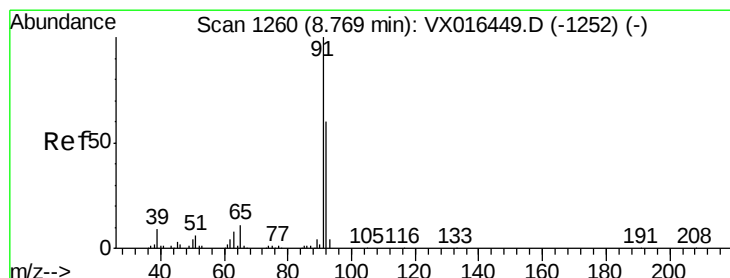
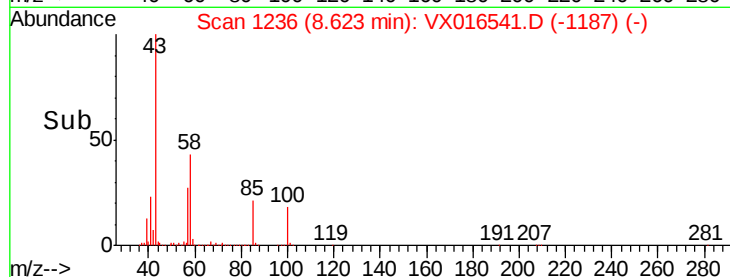


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 49.045 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016541.D

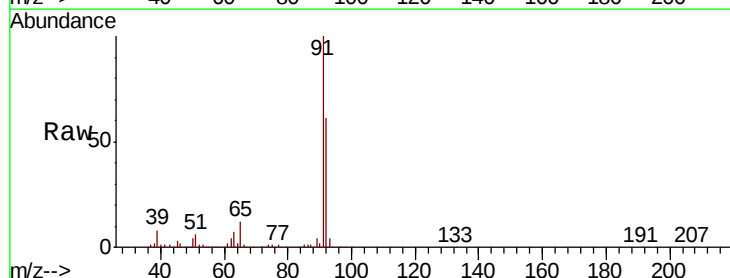
Acq: 01 Jun 2020 19:54

Tgt Ion: 92 Resp: 371852

Ion Ratio Lower Upper

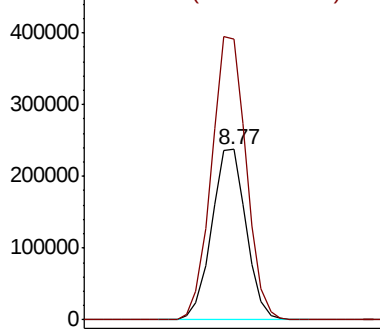
92 100

91 166.8 135.0 202.4

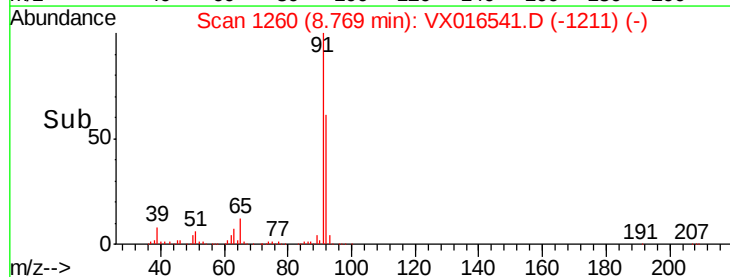


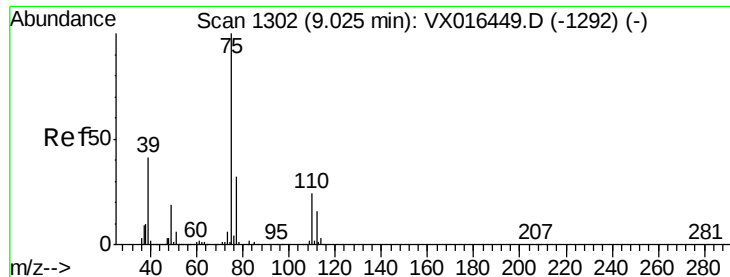
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 49.338 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

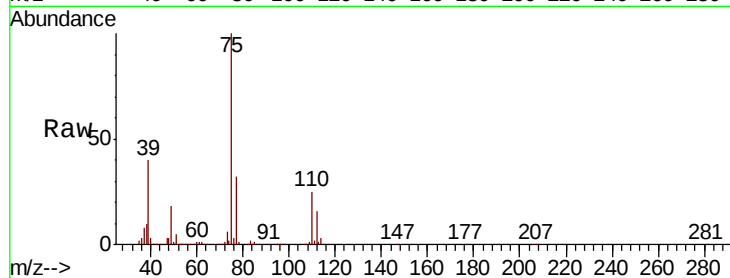
SS050MW113-200527MS

Tot Ion: 75 Resp: 238820

Ion Ratio Lower Upper

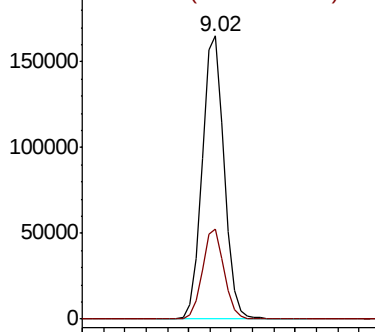
75 100

77 32.0 25.5 38.3

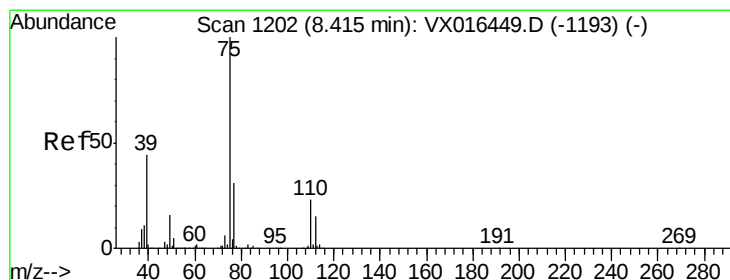
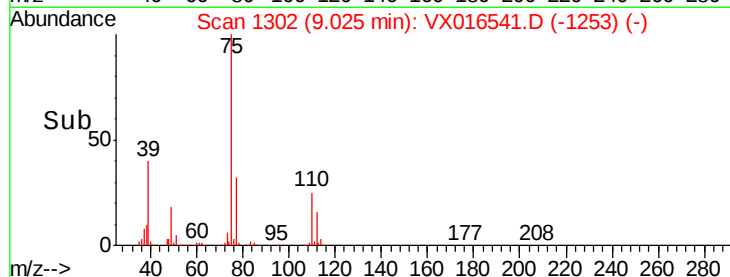


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time--> 8.90 9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 48.947 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

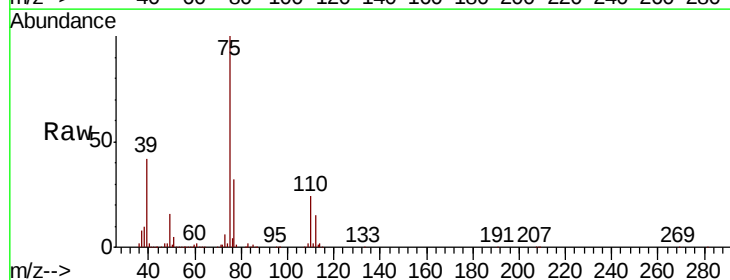
Tgt Ion: 75 Resp: 250783

Ion Ratio Lower Upper

75 100

77 31.8 24.6 36.8

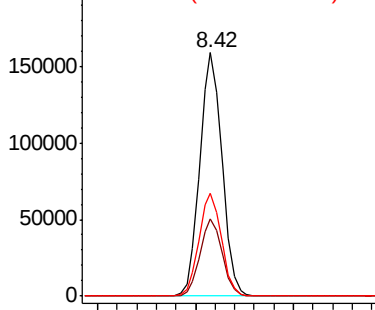
39 42.2 35.3 52.9



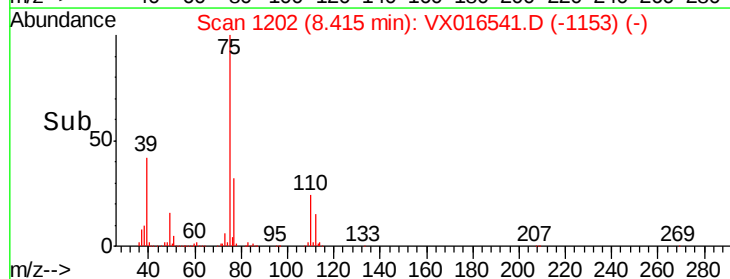
Abundance Ion 74.90 (74.60 to 75.60): VX0

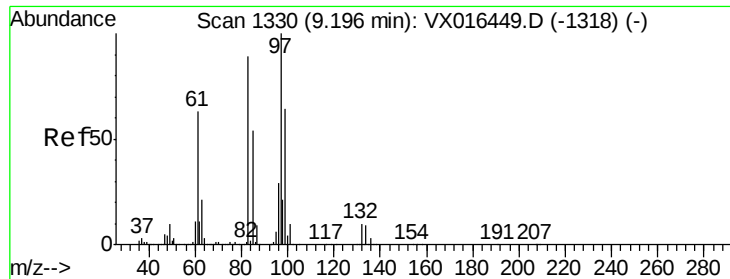
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time--> 8.30 8.40 8.50

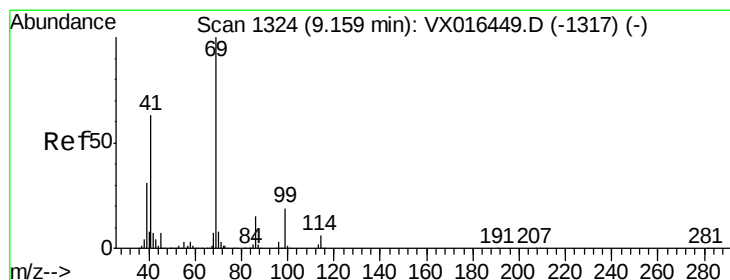
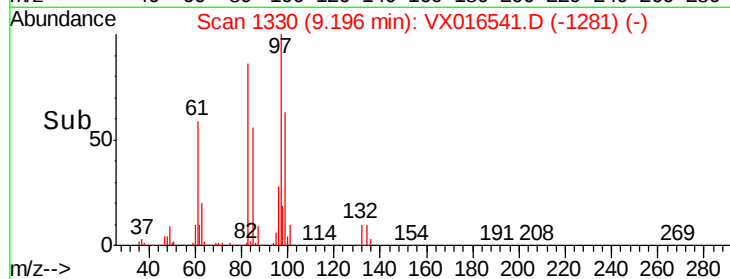
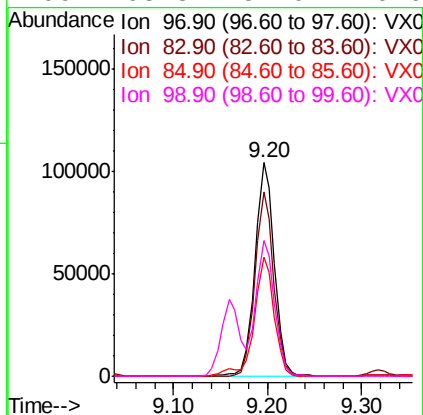
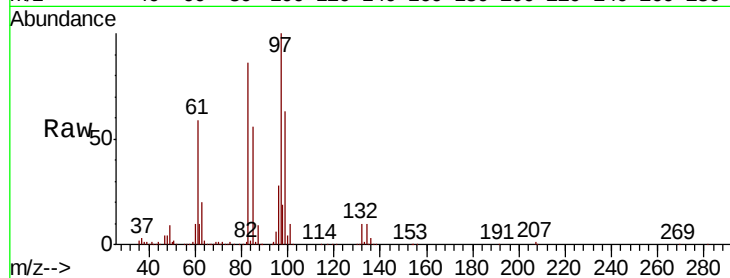




#55
 1,1,2-Trichloroethane
 Concen: 50.259 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

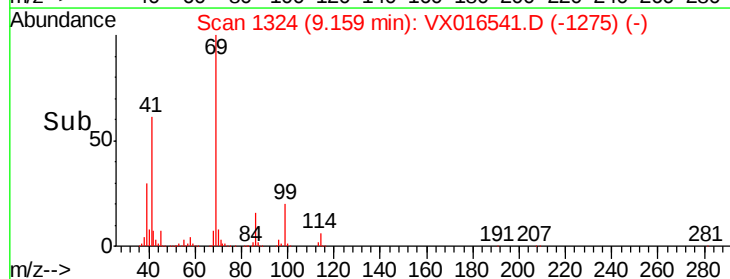
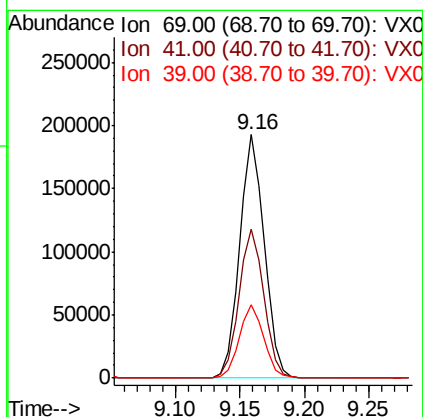
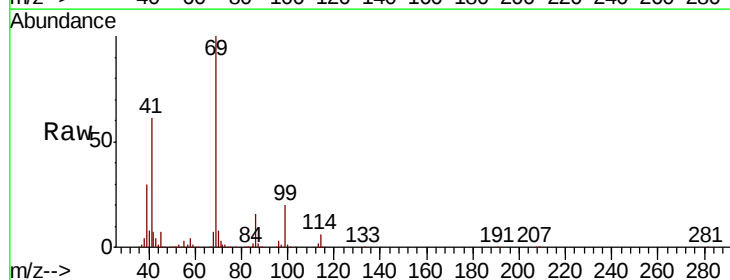
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

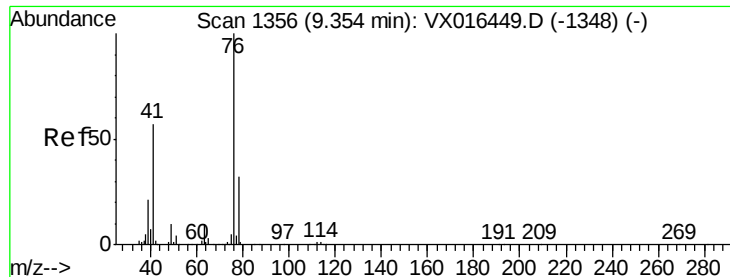
Tot Ion	Ratio	Lower	Upper
97	100		
83	86.1	70.9	106.3
85	55.7	43.4	65.2
99	63.3	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 51.864 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.7	50.7	76.1
39	30.4	25.8	38.6





#57

1,3-Dichloropropane

Concen: 50.113 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

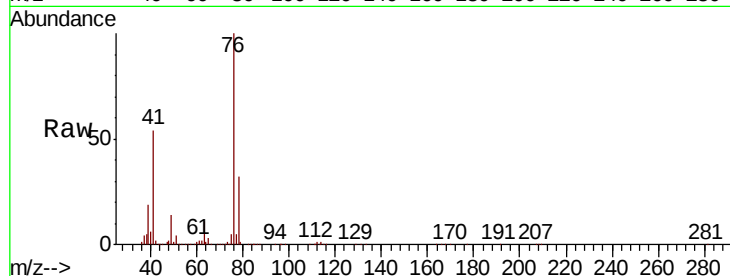
SS050MW113-200527MS

Tot Ion: 76 Resp: 259303

Ion Ratio Lower Upper

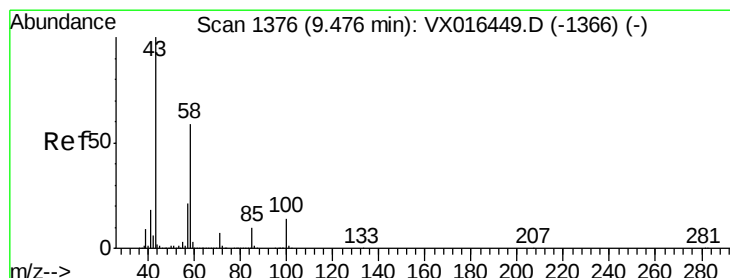
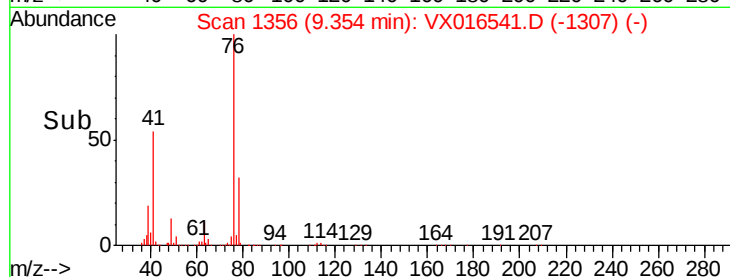
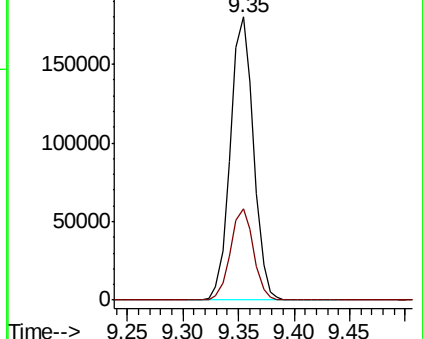
76 100

78 32.2 26.2 39.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 258.872 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.00 min

Lab File: VX016541.D

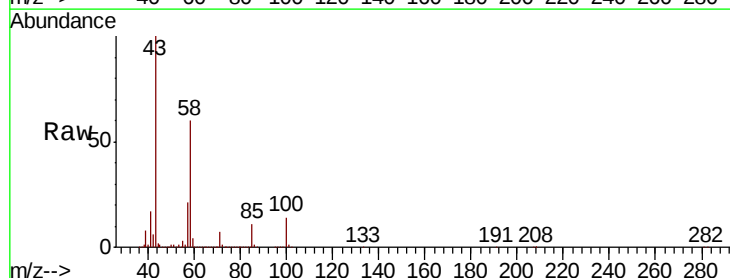
Acq: 01 Jun 2020 19:54

Tgt Ion: 43 Resp: 947764

Ion Ratio Lower Upper

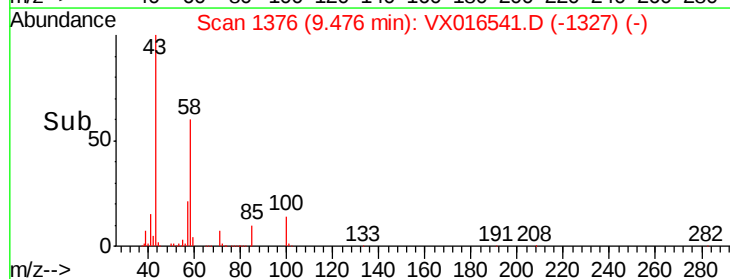
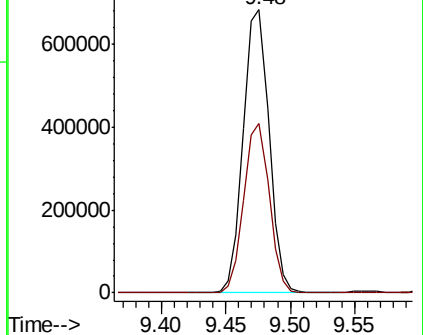
43 100

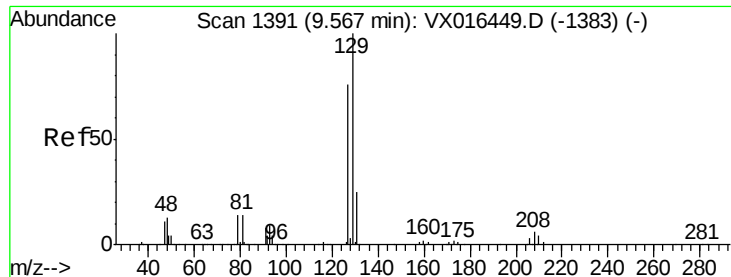
58 59.1 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 49.882 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

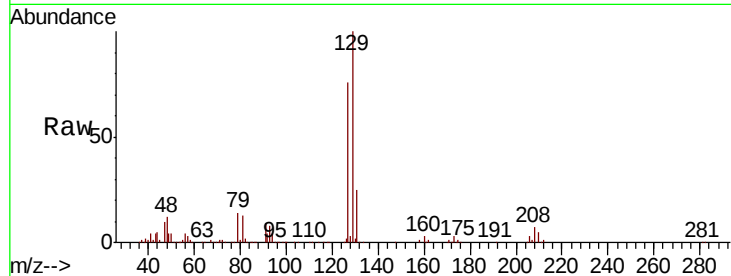
SS050MW113-200527MS

Tot Ion:129 Resp: 169221

Ion Ratio Lower Upper

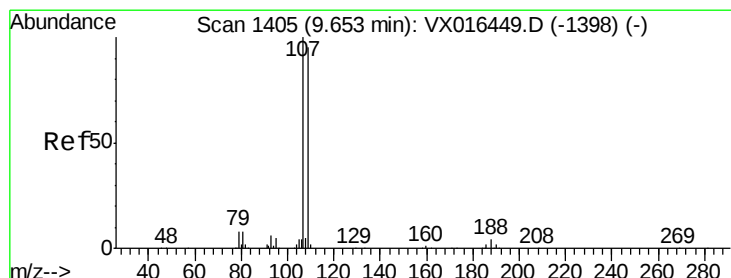
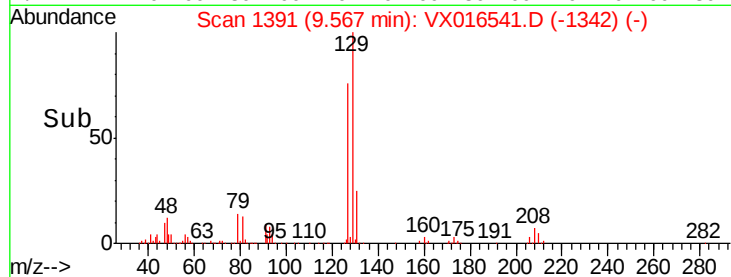
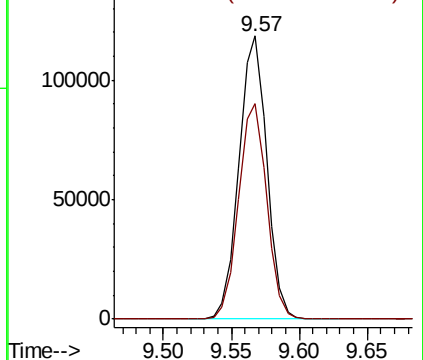
129 100

127 77.1 38.6 116.0



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 50.550 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016541.D

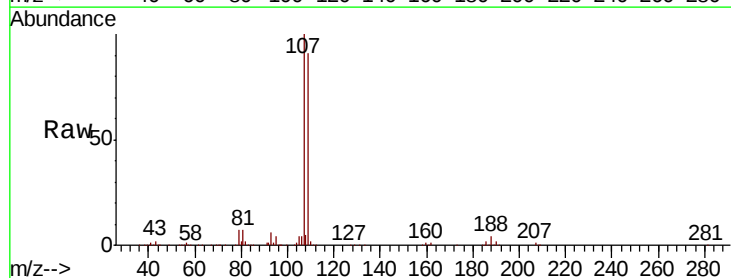
Acq: 01 Jun 2020 19:54

Tgt Ion:107 Resp: 163182

Ion Ratio Lower Upper

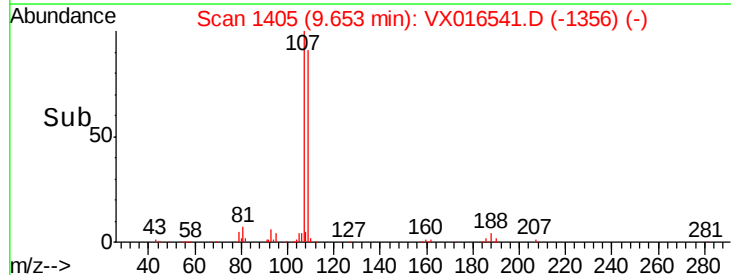
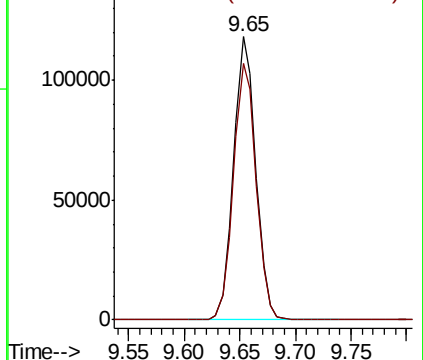
107 100

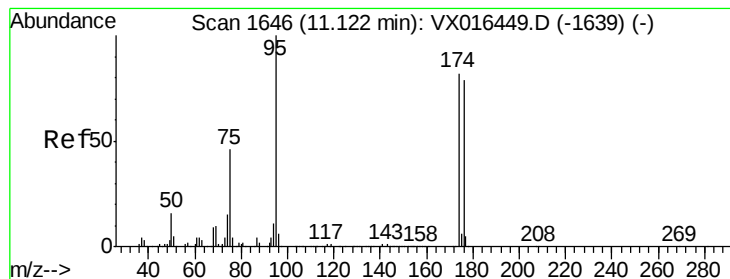
109 92.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 46.849 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

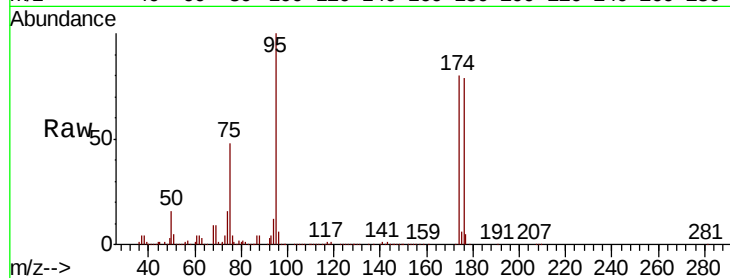
Tot Ion: 95 Resp: 185003

Ion Ratio Lower Upper

95 100

174 81.1 0.0 163.0

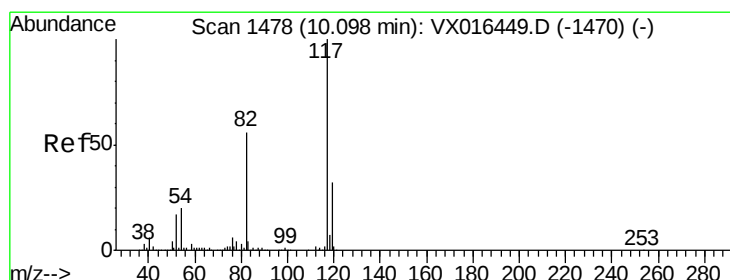
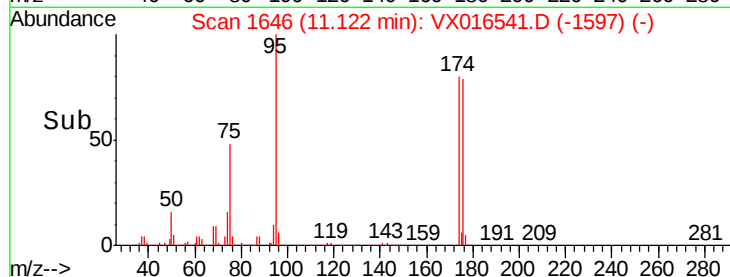
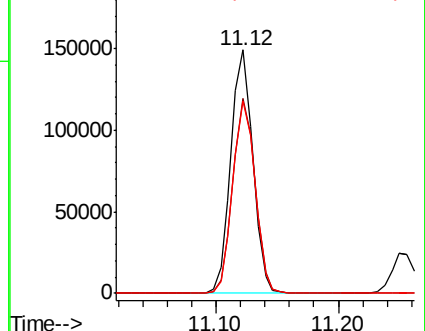
176 80.2 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

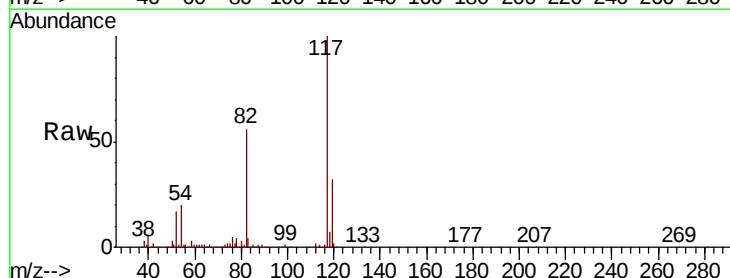
Tgt Ion: 117 Resp: 390066

Ion Ratio Lower Upper

117 100

82 56.0 45.0 67.6

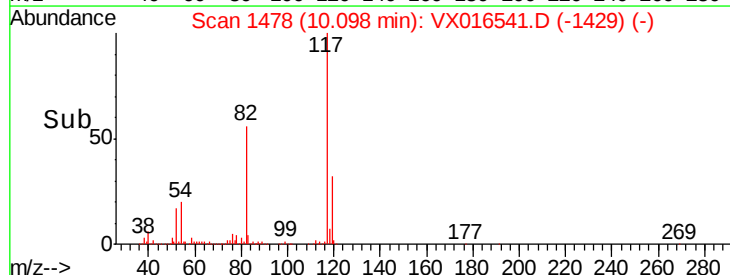
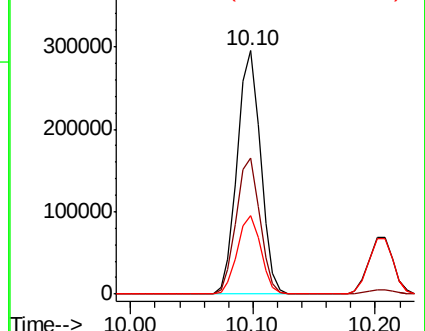
119 32.3 25.8 38.8

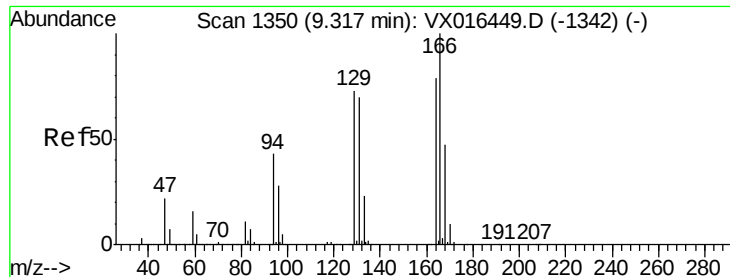


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 38.792 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion:164 Resp: 169289

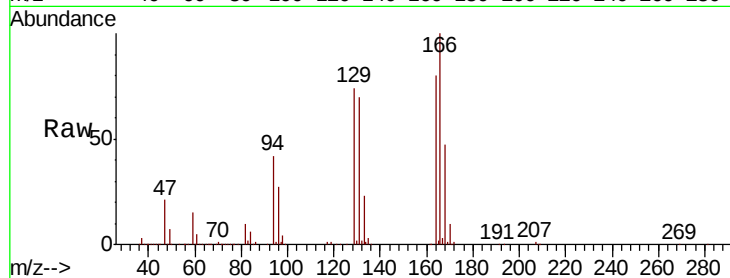
Ion Ratio Lower Upper

164 100

166 125.2 100.9 151.3

129 92.5 73.2 109.8

131 87.9 70.8 106.2

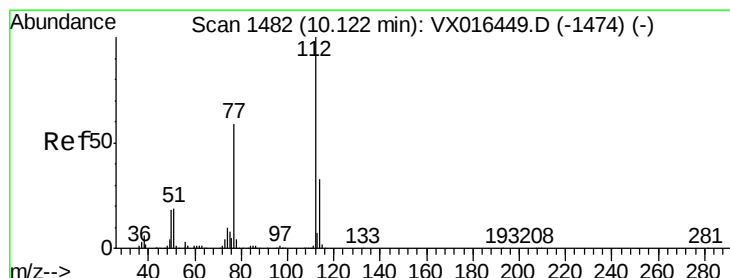
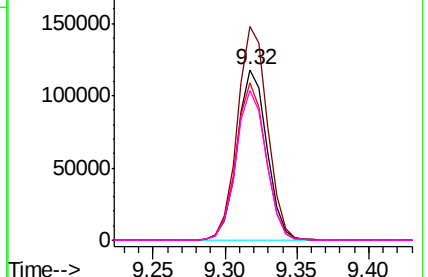
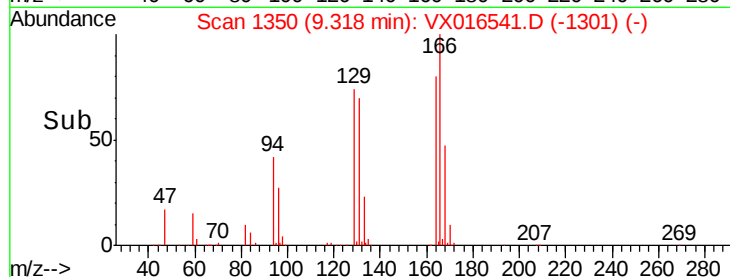


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.663 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016541.D

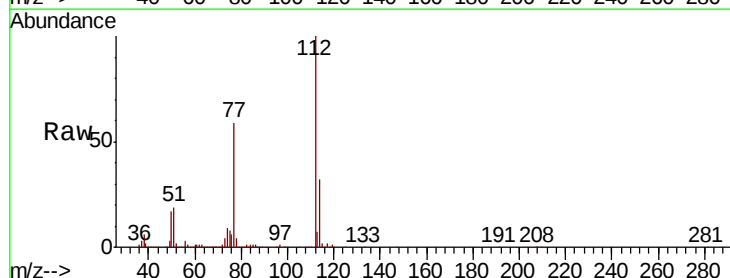
Acq: 01 Jun 2020 19:54

Tgt Ion:112 Resp: 386985

Ion Ratio Lower Upper

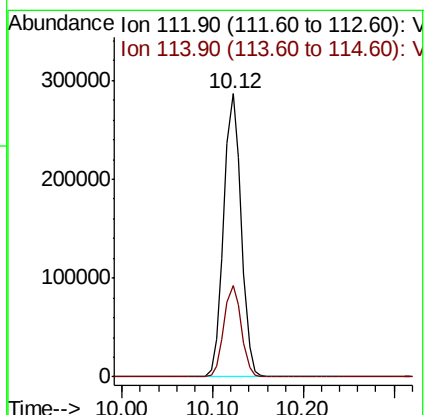
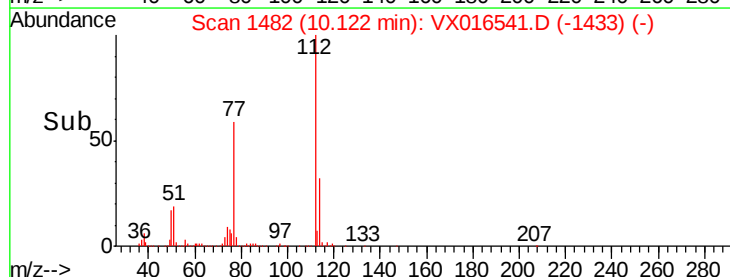
112 100

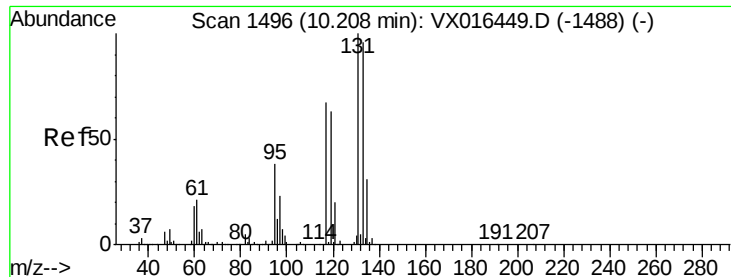
114 32.3 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.261 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

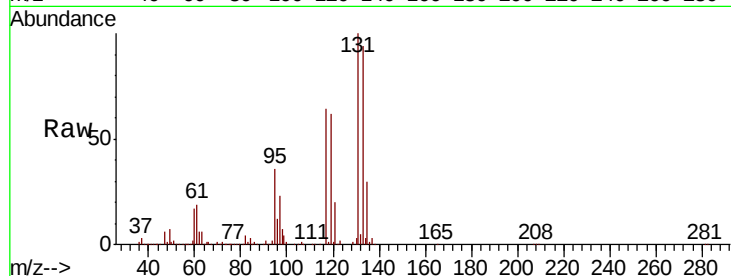
Tot Ion:131 Resp: 149537

Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.3

119 64.4 32.0 96.2

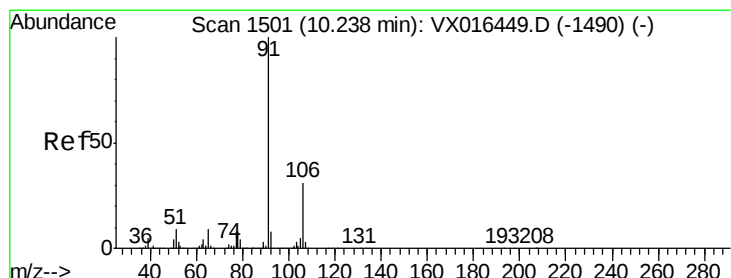
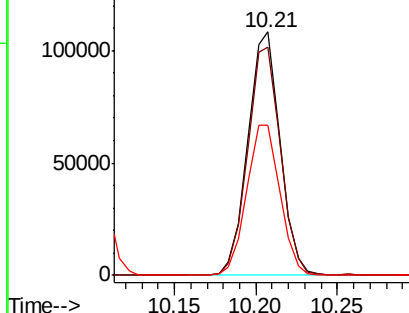
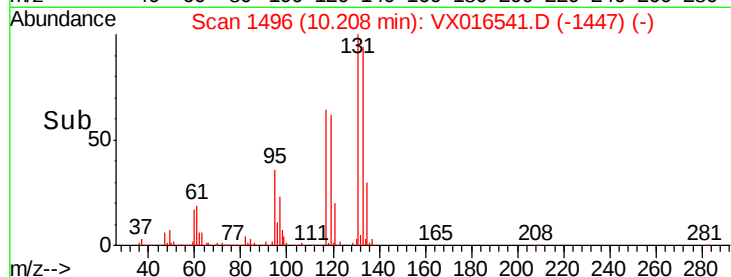


Abundance

Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 48.015 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016541.D

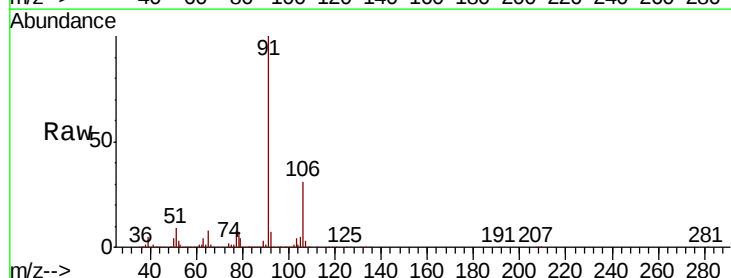
Acq: 01 Jun 2020 19:54

Tgt Ion: 91 Resp: 679824

Ion Ratio Lower Upper

91 100

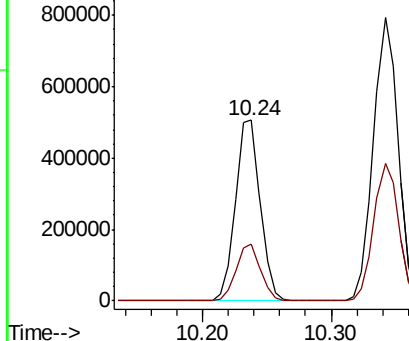
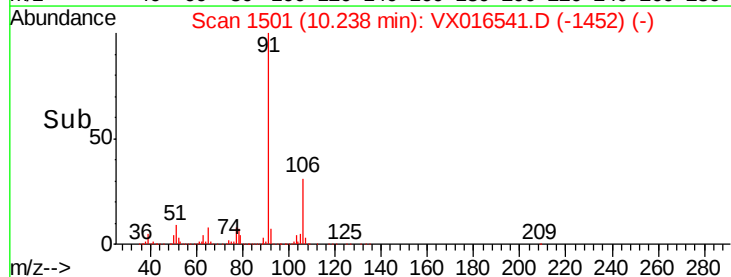
106 31.1 25.0 37.4

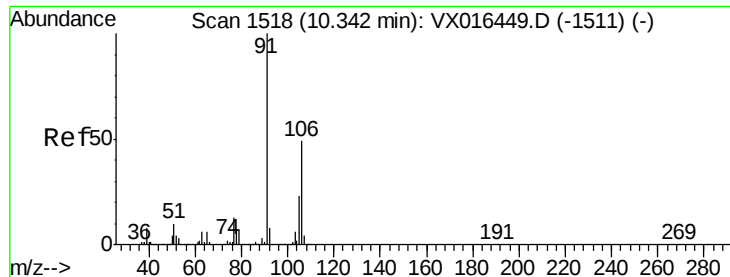


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

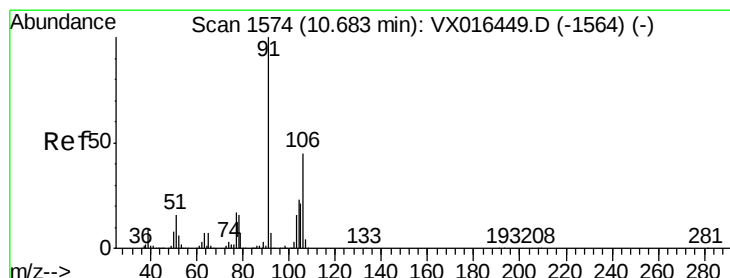
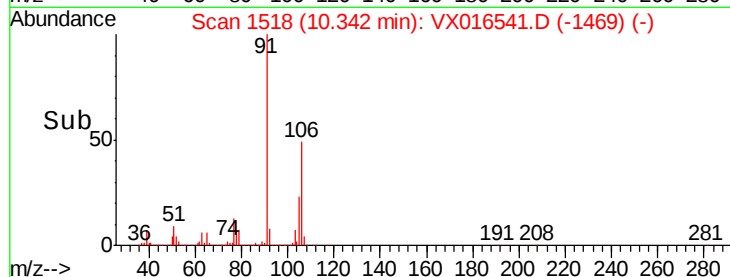
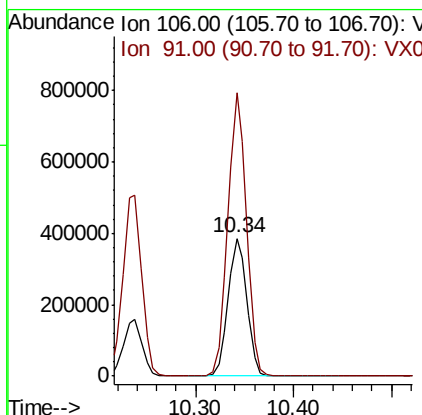
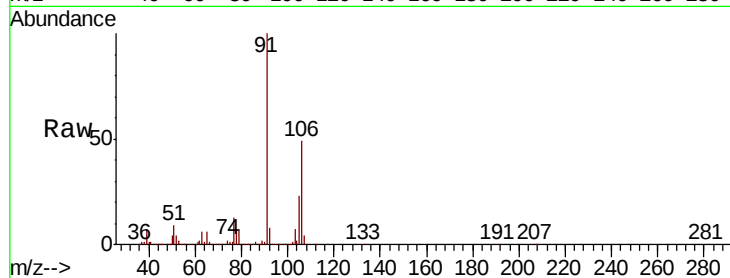




#68
m/p-Xylenes
Concen: 97.931 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

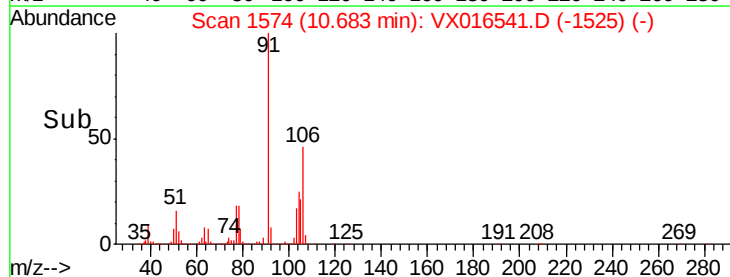
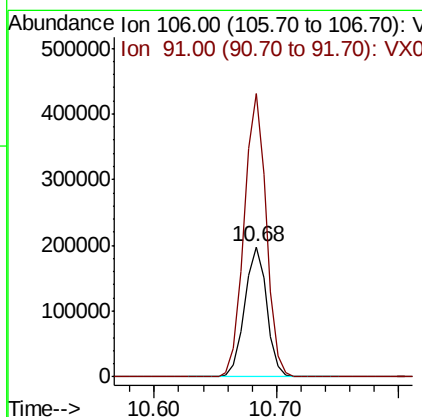
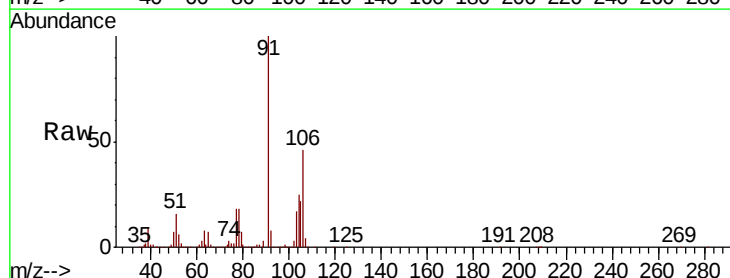
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

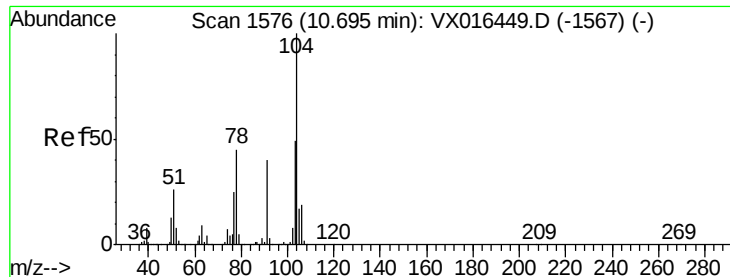
Tot Ion:106 Resp: 514100
Ion Ratio Lower Upper
106 100
91 203.8 163.8 245.8



#69
o-Xylene
Concen: 48.569 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion:106 Resp: 246923
Ion Ratio Lower Upper
106 100
91 217.6 109.6 328.8

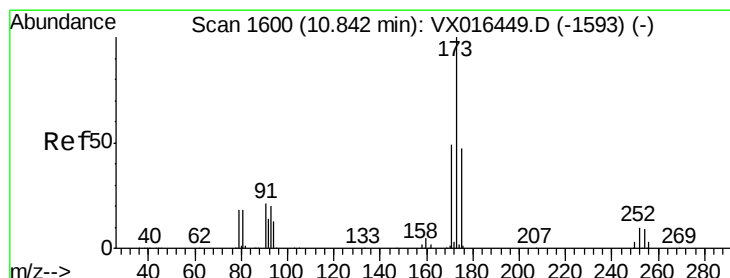
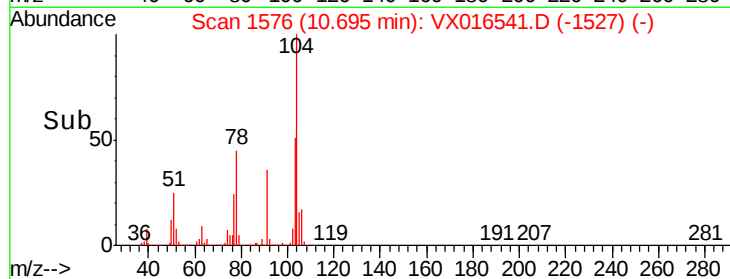
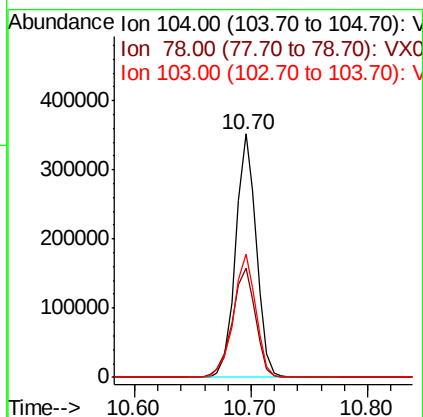
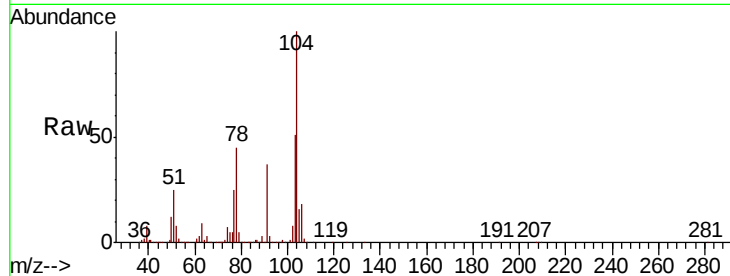




#70
Stvrene
Concen: 49.848 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

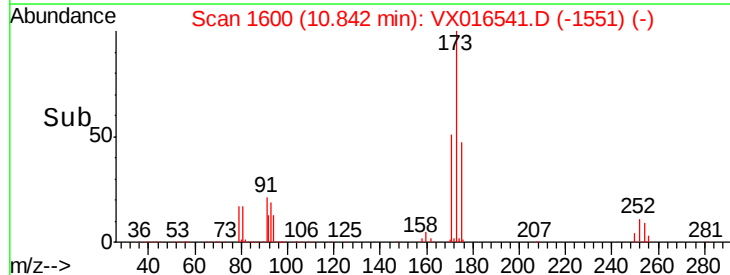
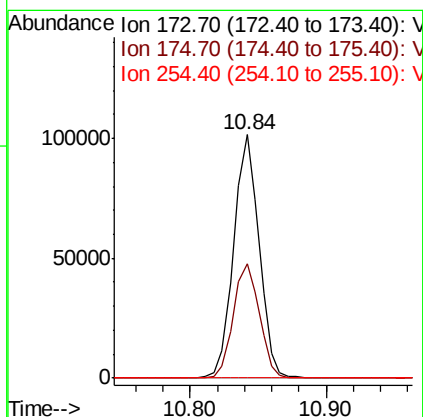
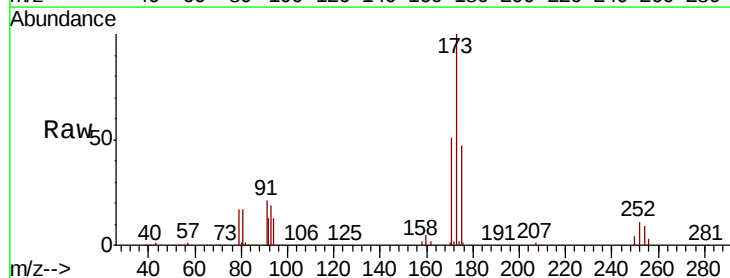
Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-200527MS

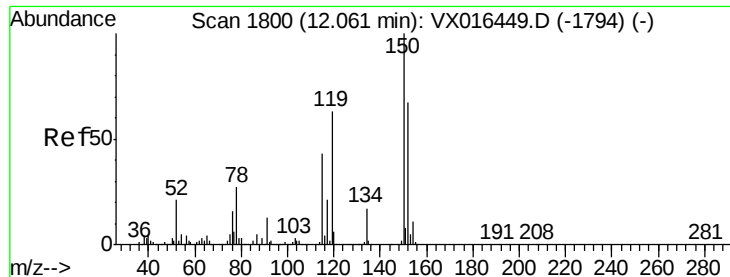
Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.2	60.2
103	54.4	43.1	64.7



#71
Bromoform
Concen: 51.363 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016541.D
Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.9	71.7
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

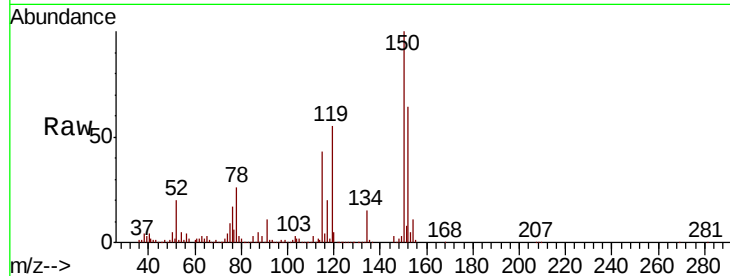
Tot Ion:152 Resp: 194907

Ion Ratio Lower Upper

152 100

115 80.3 39.9 119.6

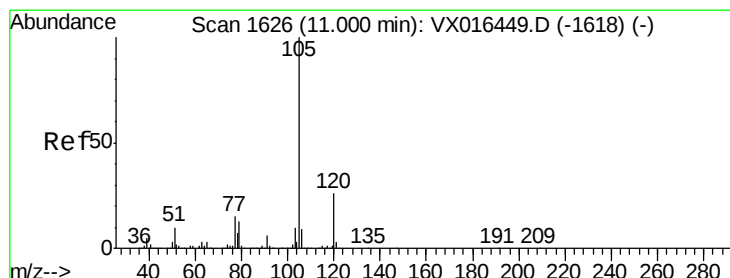
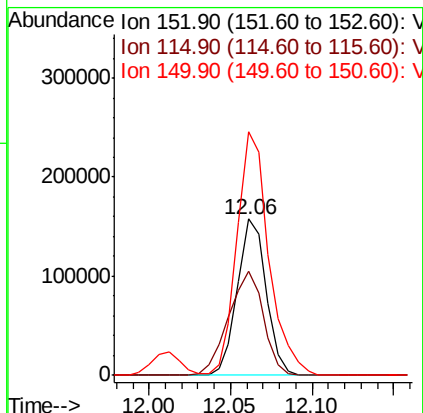
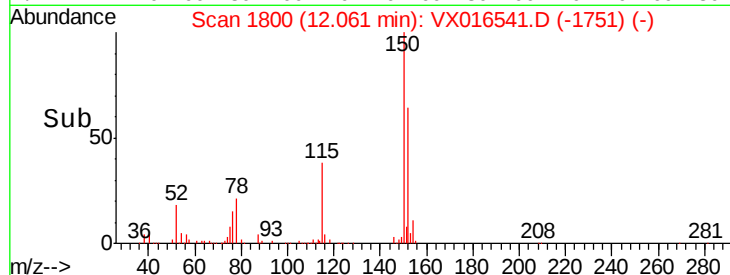
150 172.3 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.508 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016541.D

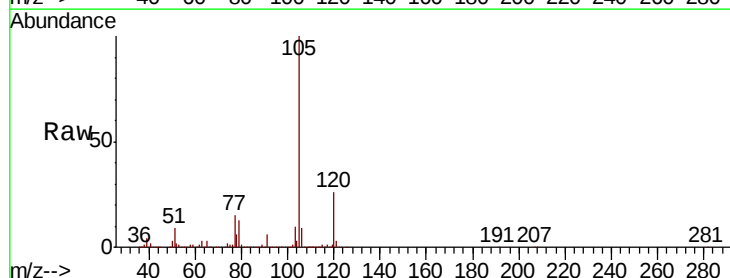
Acq: 01 Jun 2020 19:54

Tgt Ion:105 Resp: 655091

Ion Ratio Lower Upper

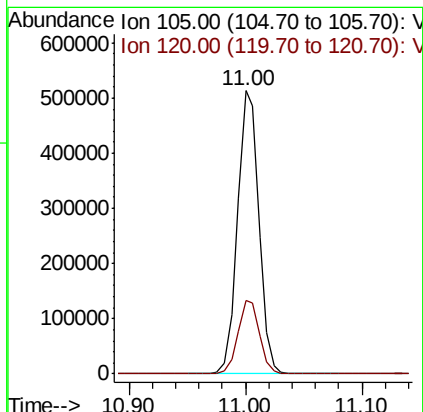
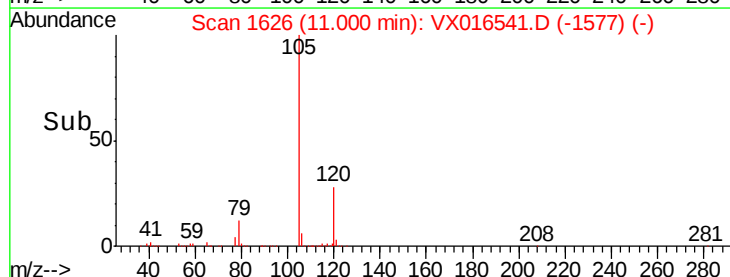
105 100

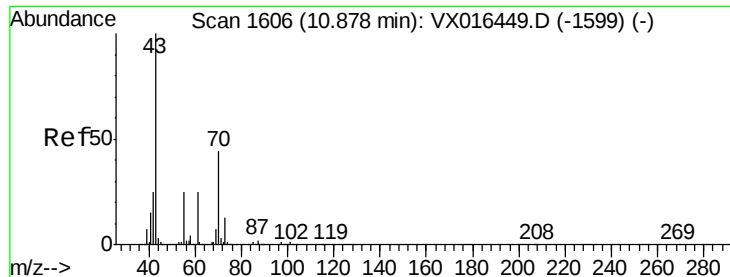
120 26.2 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 50.375 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 43 Resp: 312918

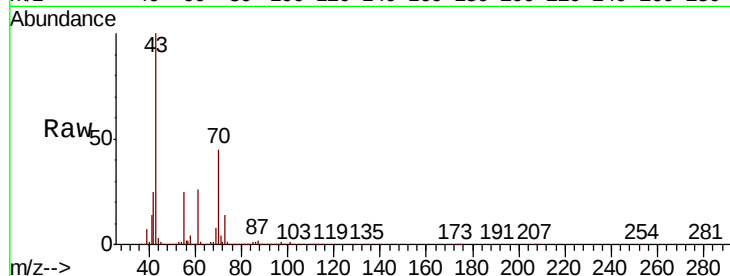
Ion Ratio Lower Upper

43 100

70 47.8 36.1 54.1

55 25.5 20.2 30.4

61 26.4 20.3 30.5

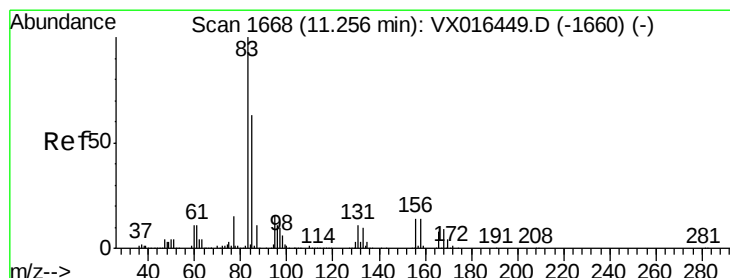
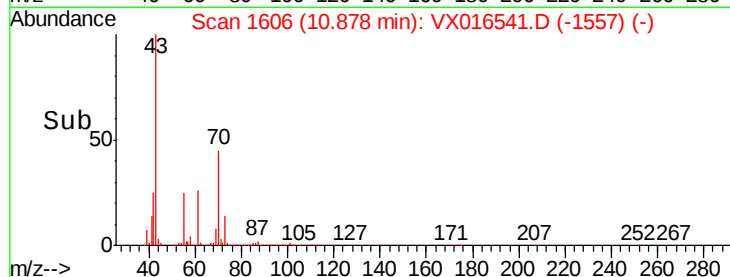
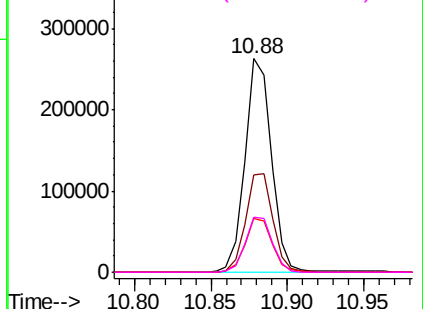


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 60.667 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

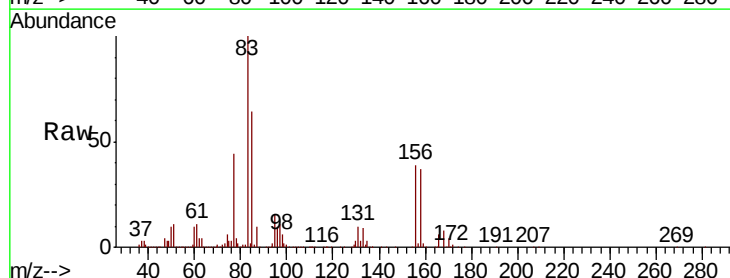
Tgt Ion: 83 Resp: 205330

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

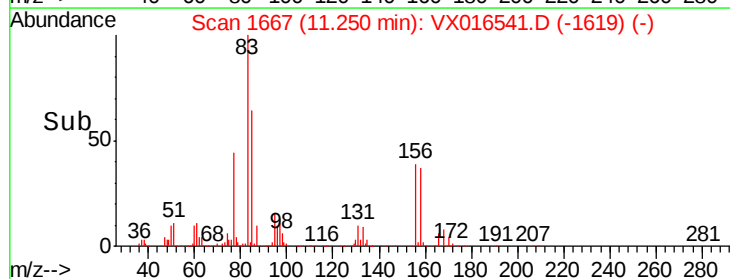
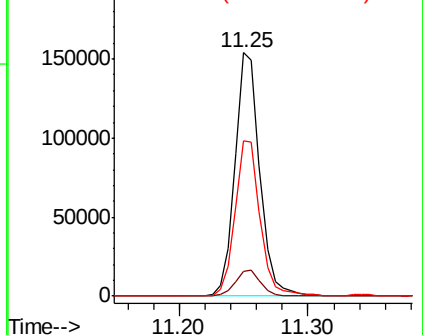
85 64.6 32.0 96.2

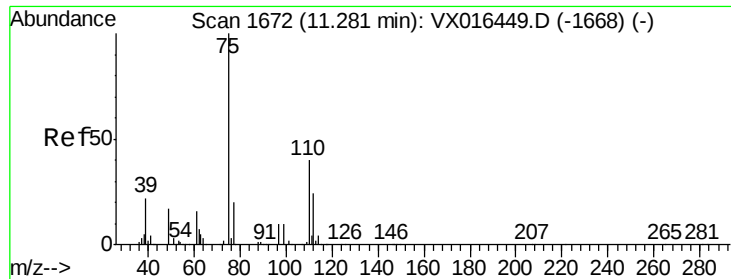


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 66.836 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

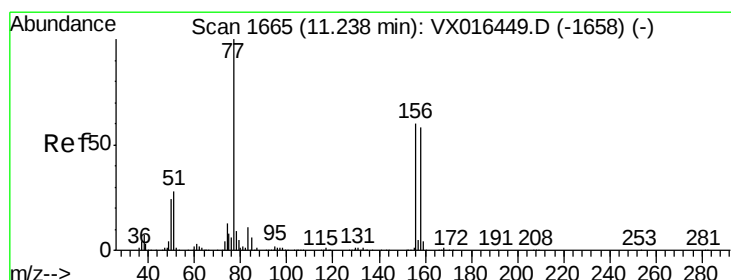
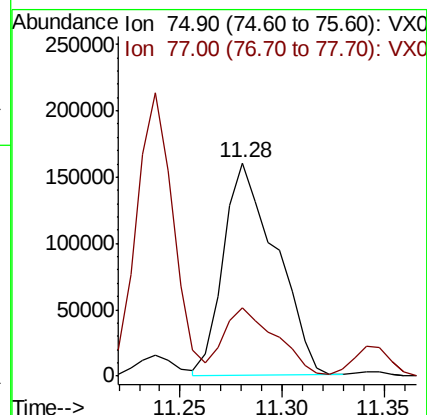
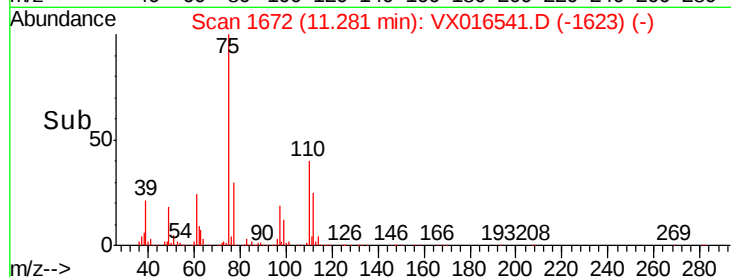
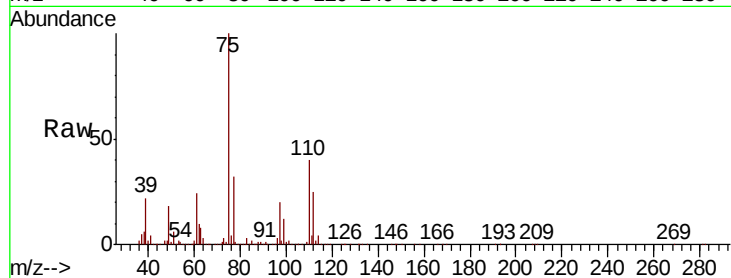
SS050MW113-200527MS

Tot Ion: 75 Resp: 286334

Ion Ratio Lower Upper

75 100

77 32.1 21.3 63.7



#77

Bromobenzene

Concen: 48.390 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

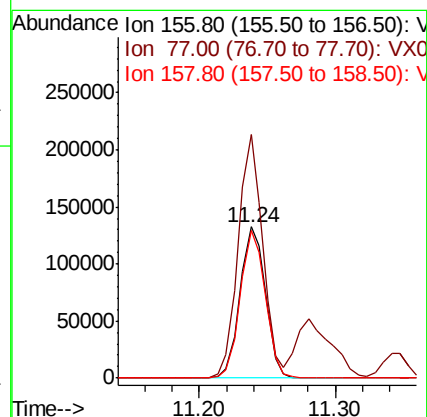
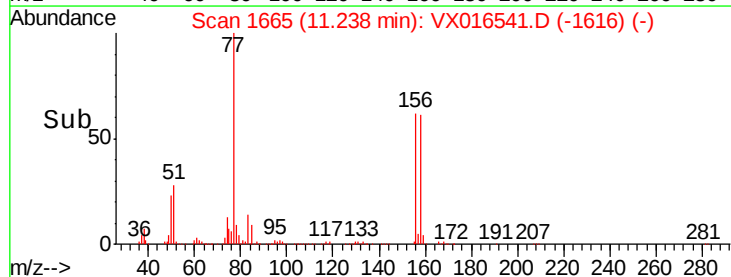
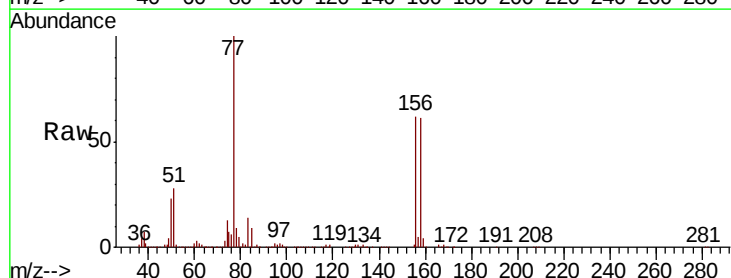
Tgt Ion: 156 Resp: 171398

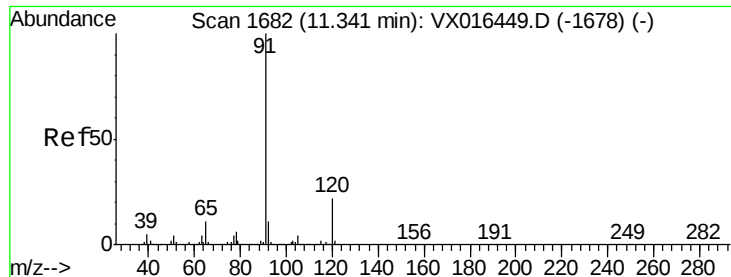
Ion Ratio Lower Upper

156 100

77 156.3 79.6 238.8

158 96.8 48.1 144.4





#78

n-propylbenzene

Concen: 49.165 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

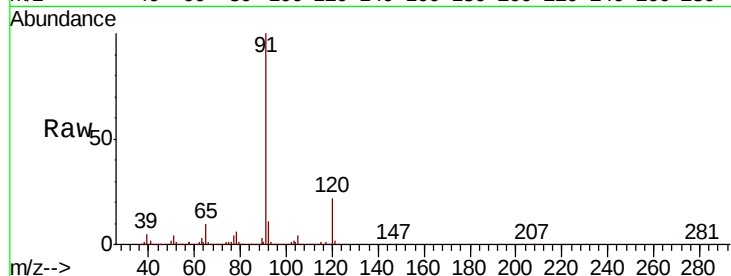
SS050MW113-200527MS

Tot Ion: 91 Resp: 741783

Ion Ratio Lower Upper

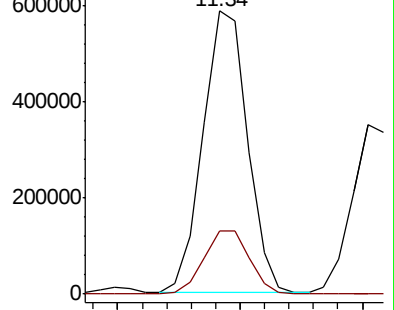
91 100

120 23.2 11.6 34.7

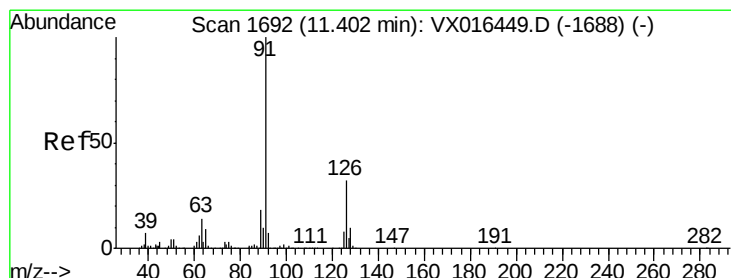
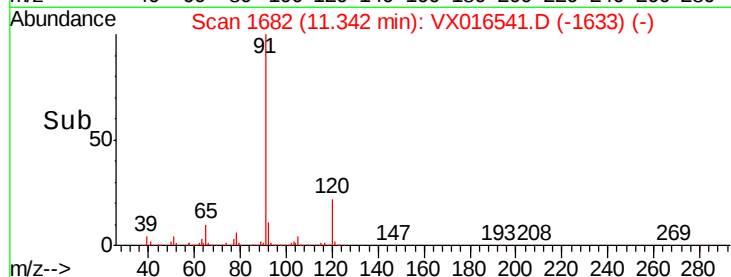


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



Time-->



#79

2-Chlorotoluene

Concen: 48.647 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016541.D

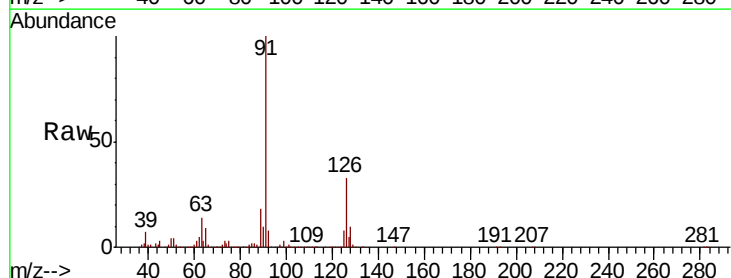
Acq: 01 Jun 2020 19:54

Tgt Ion: 91 Resp: 448016

Ion Ratio Lower Upper

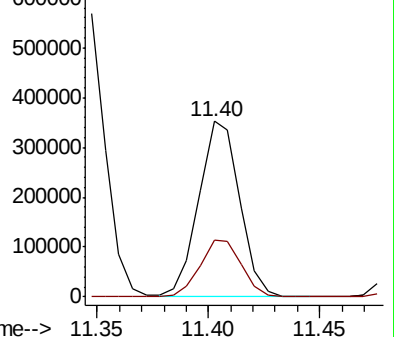
91 100

126 33.2 16.8 50.3

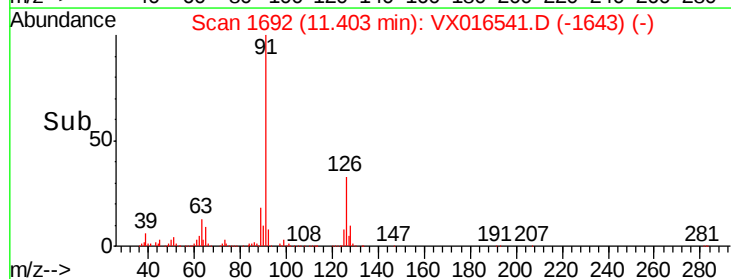


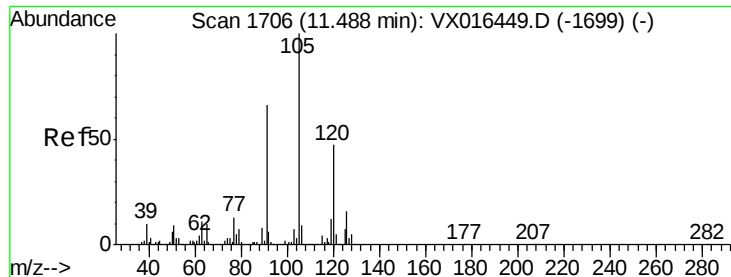
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->

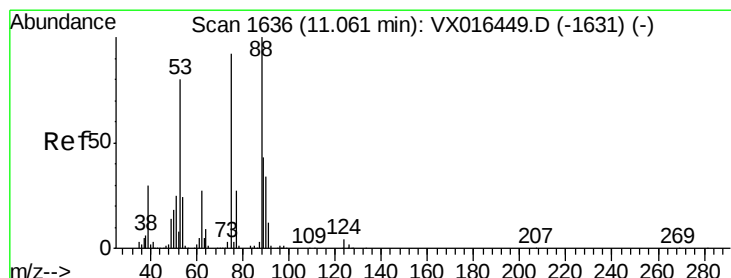
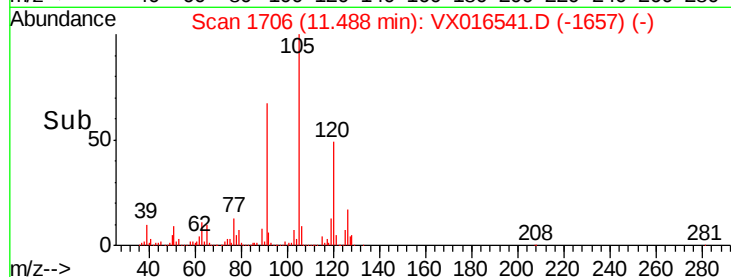
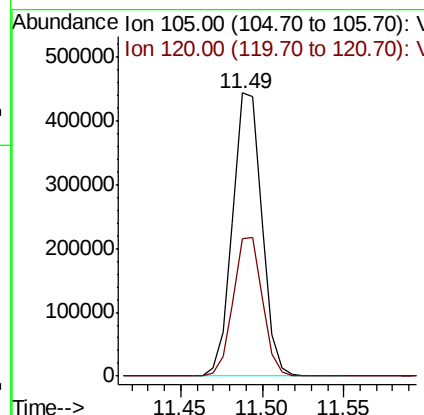
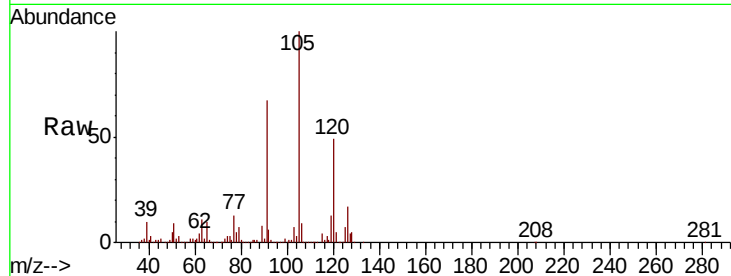




#80
 1,3,5-Trimethylbenzene
 Concen: 49.005 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

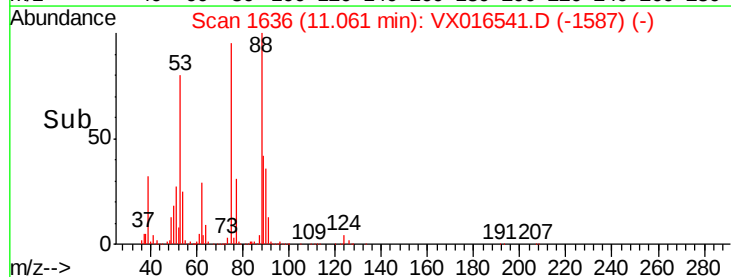
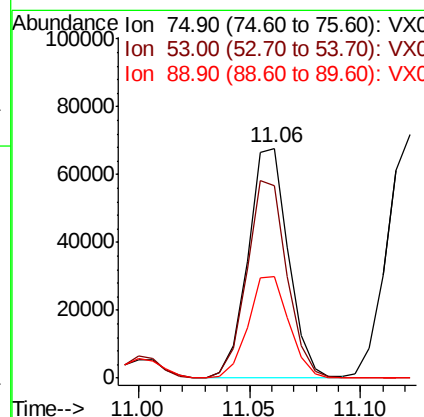
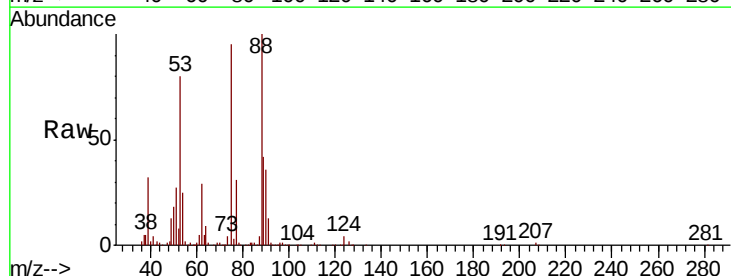
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

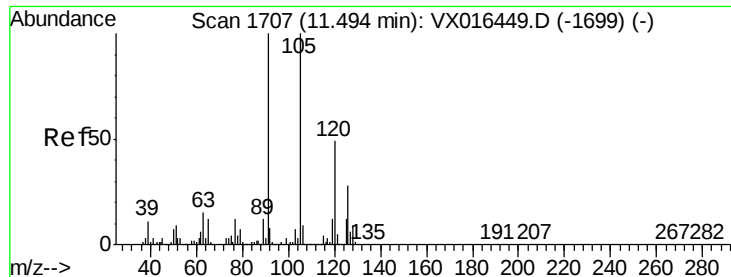
Tot Ion:105 Resp: 552596
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.900 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion: 75 Resp: 85166
 Ion Ratio Lower Upper
 75 100
 53 85.6 71.3 106.9
 89 45.1 36.6 55.0





#82

4-Chlorotoluene

Concen: 48.259 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

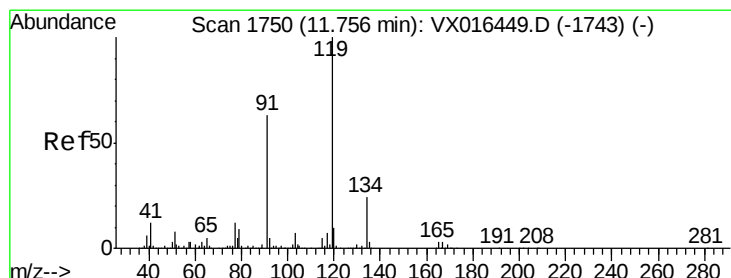
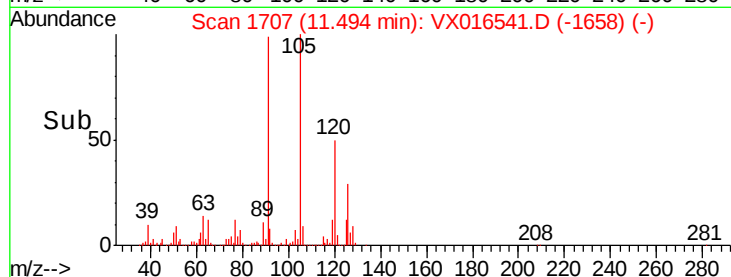
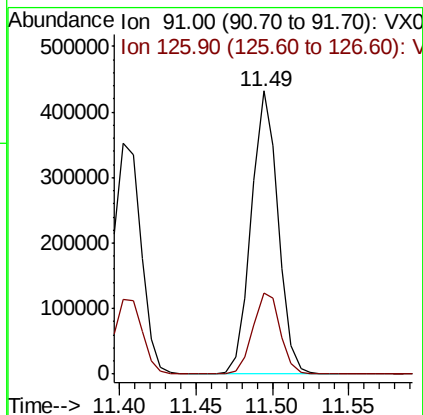
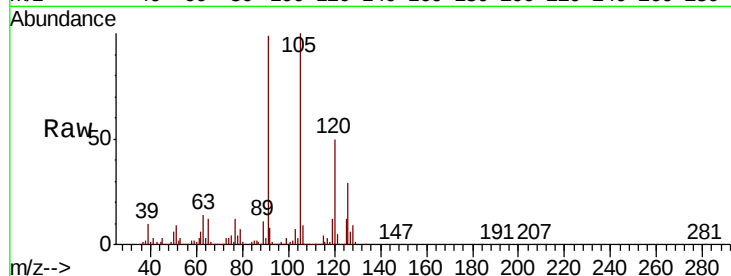
SS050MW113-200527MS

Tot Ion: 91 Resp: 524836

Ion Ratio Lower Upper

91 100

126 29.4 14.7 44.1



#83

tert-Butylbenzene

Concen: 52.445 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

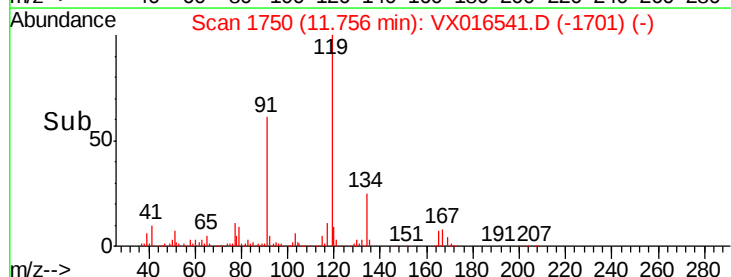
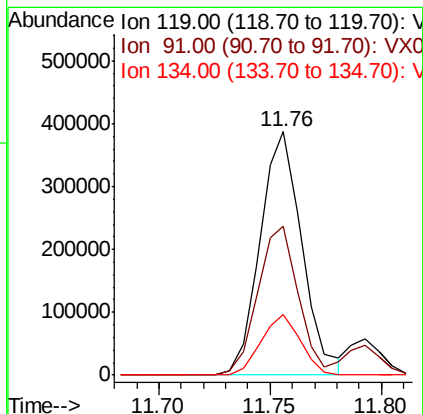
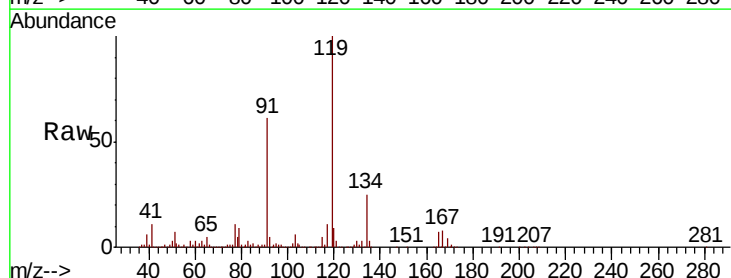
Tgt Ion: 119 Resp: 505313

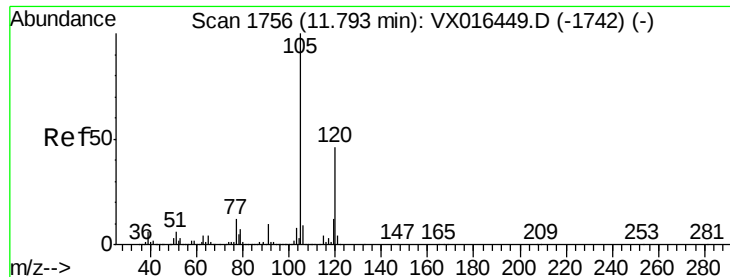
Ion Ratio Lower Upper

119 100

91 59.0 31.3 93.8

134 23.5 12.0 36.0

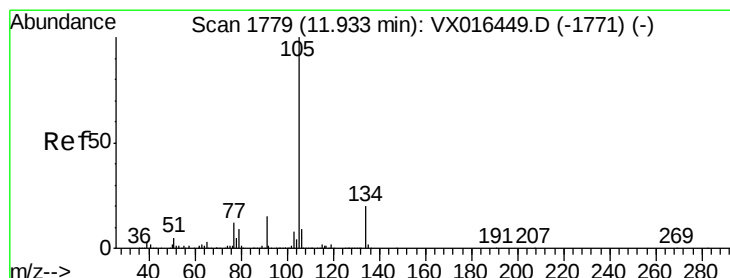
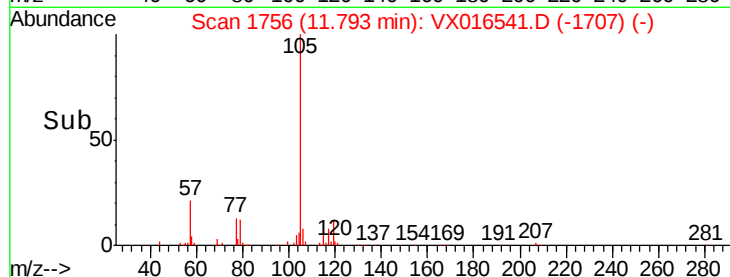
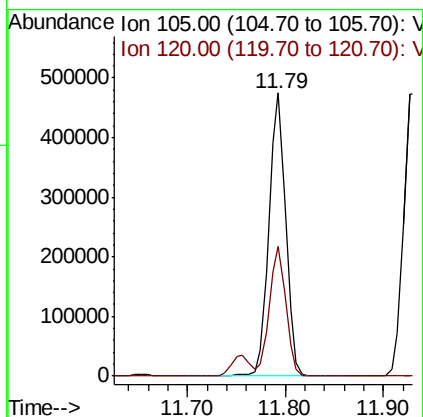
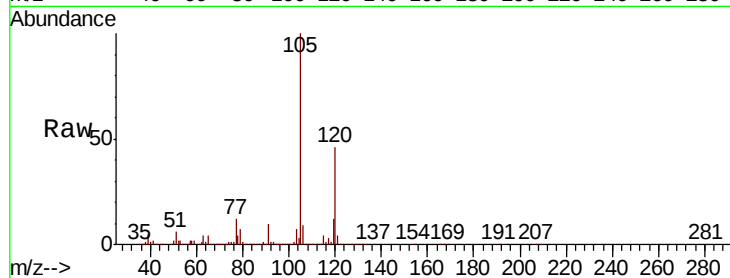




#84
 1,2,4-Trimethylbenzene
 Concen: 49.485 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

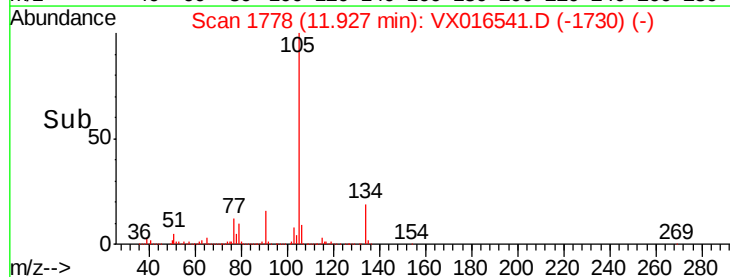
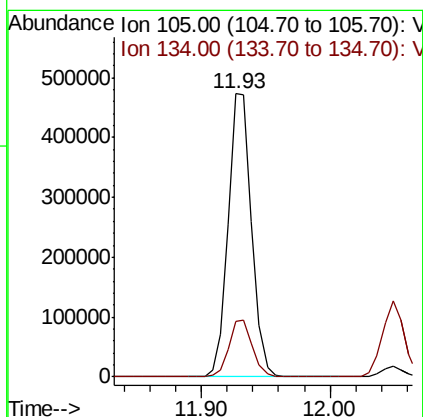
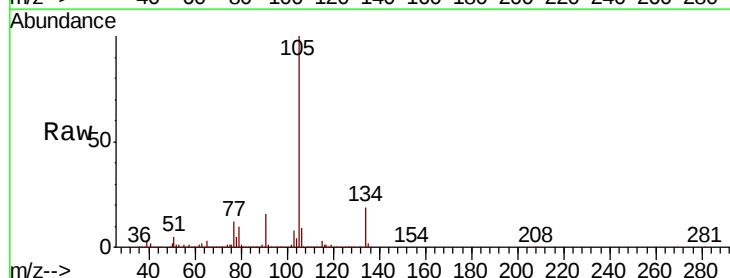
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

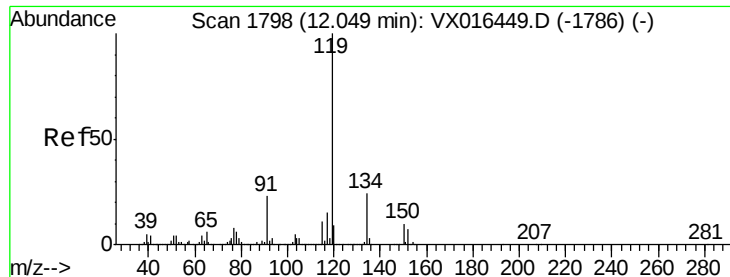
Tot Ion:105 Resp: 564316
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7



#85
 sec-Butylbenzene
 Concen: 49.941 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion:105 Resp: 603626
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3

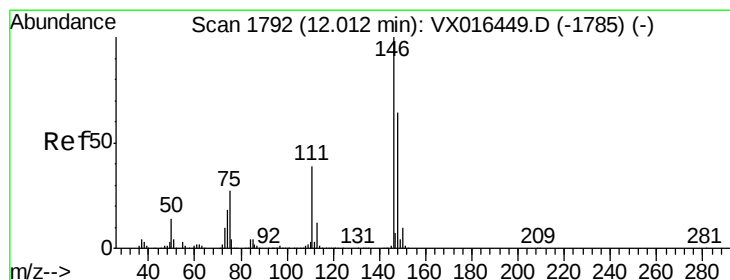
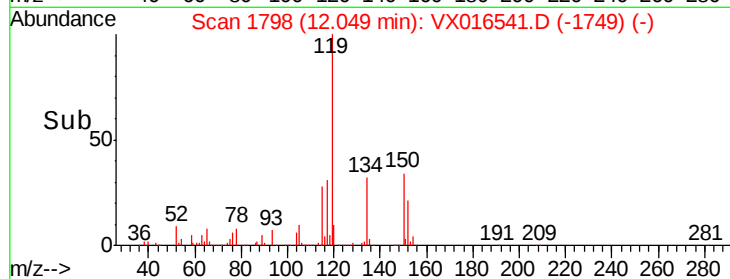
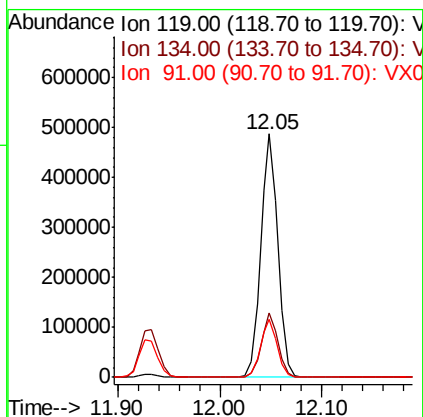
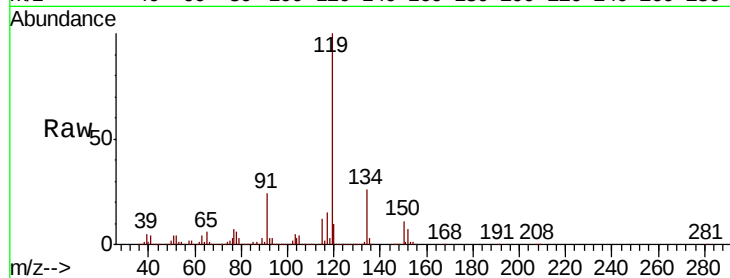




#86
 p-Isopropyltoluene
 Concen: 50.700 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

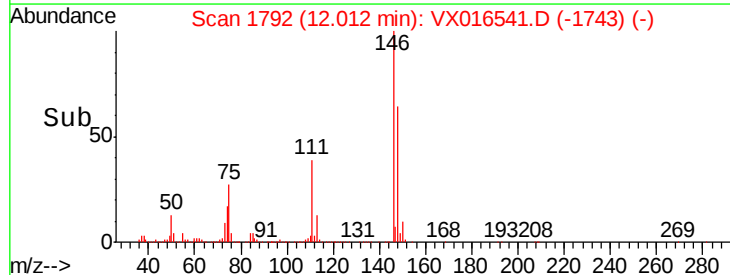
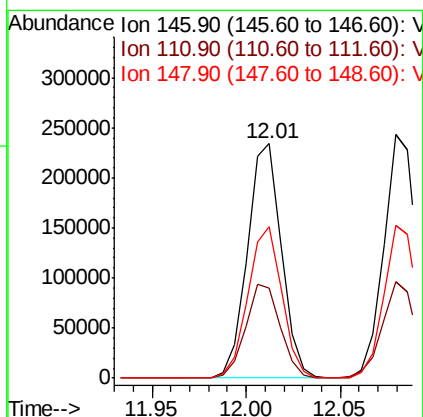
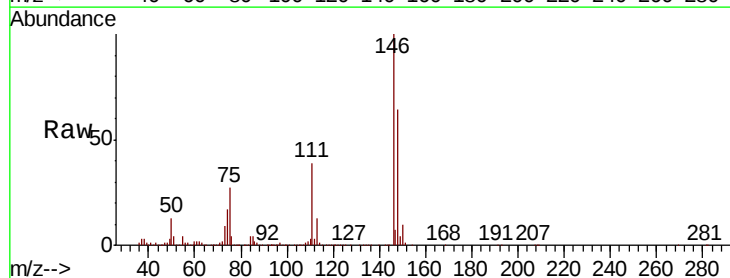
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

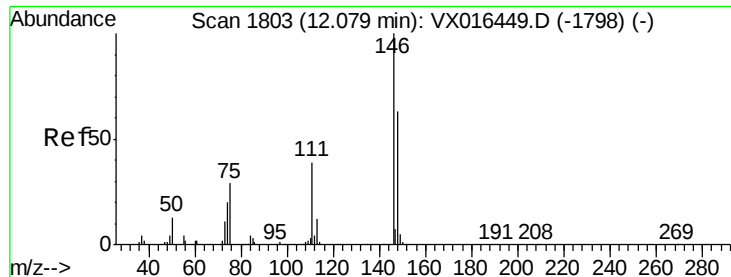
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	12.7	38.0
91	23.2	11.7	35.0



#87
 1,3-Dichlorobenzene
 Concen: 47.865 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.2	31.9	95.5

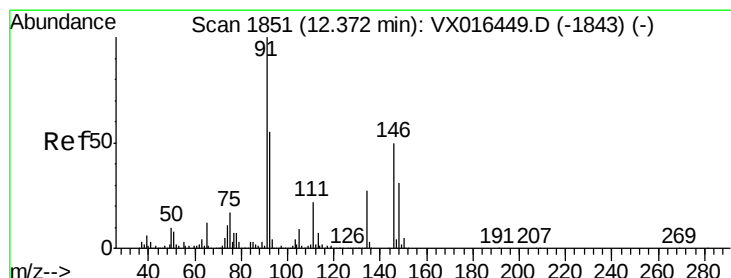
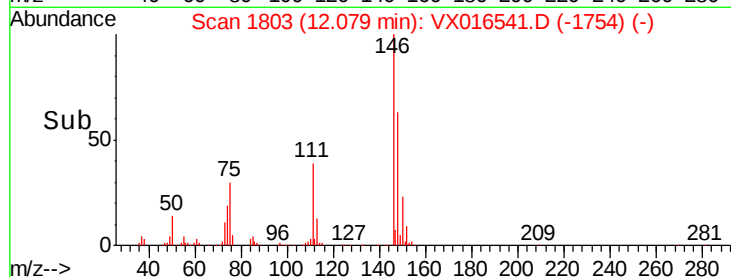
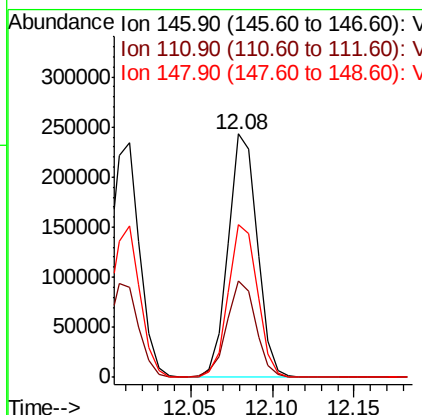
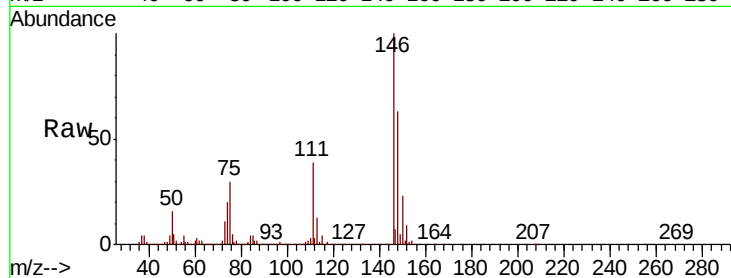




#88
 1,4-Dichlorobenzene
 Concen: 47.864 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

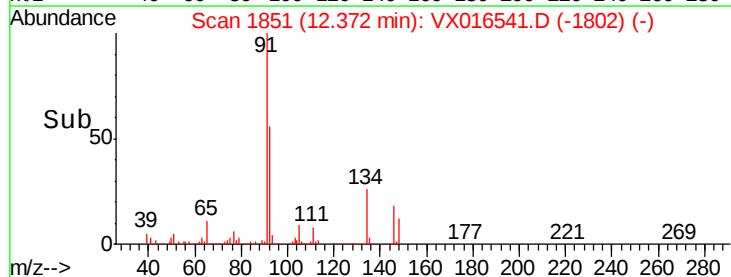
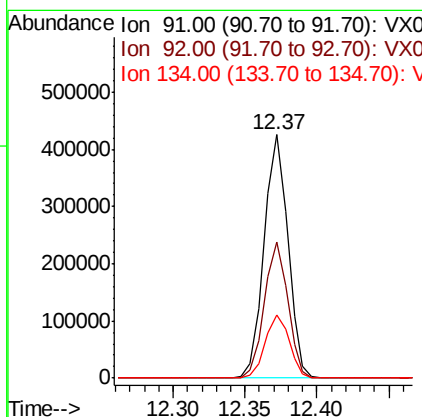
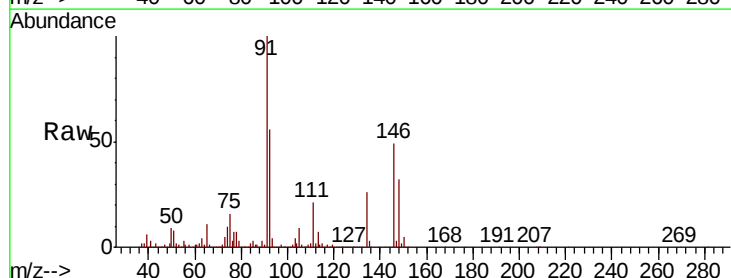
Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

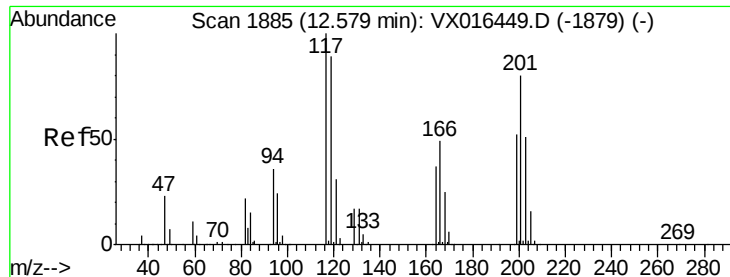
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.4	58.2
148	63.2	31.4	94.3



#89
 n-Butylbenzene
 Concen: 51.359 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.2	81.5
134	26.5	13.1	39.3





#90

Hexachloroethane

Concen: 49.830 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

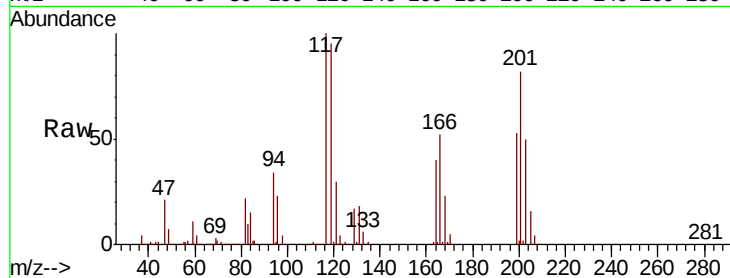
SS050MW113-200527MS

Tot Ion:117 Resp: 97450

Ion Ratio Lower Upper

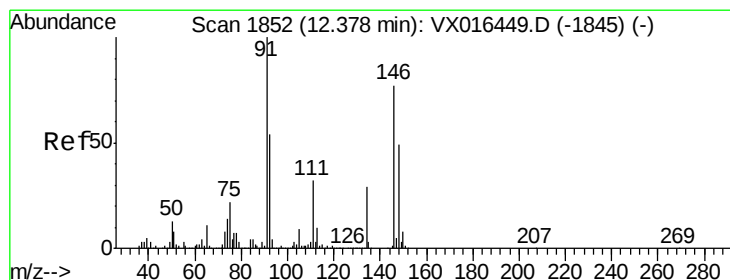
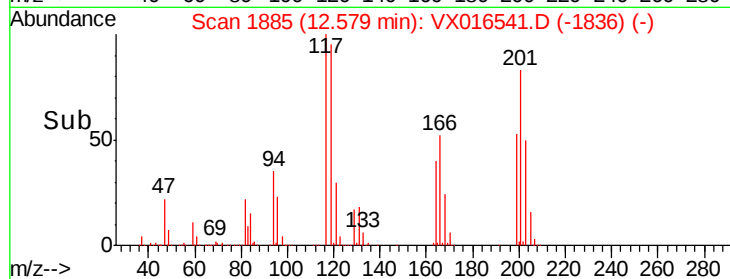
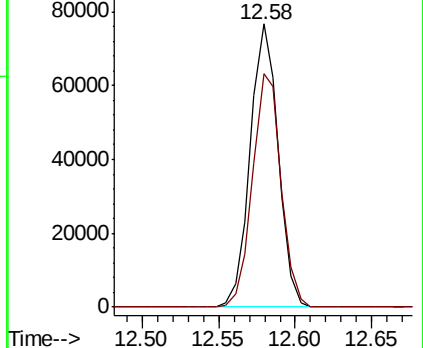
117 100

201 84.3 43.1 129.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.988 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

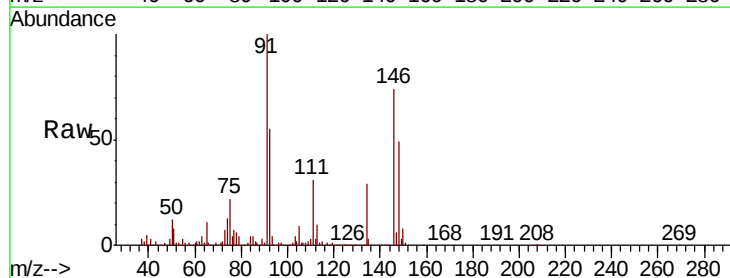
Tgt Ion:146 Resp: 285305

Ion Ratio Lower Upper

146 100

111 42.4 21.4 64.3

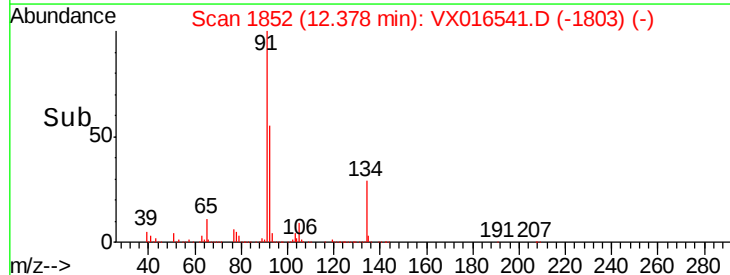
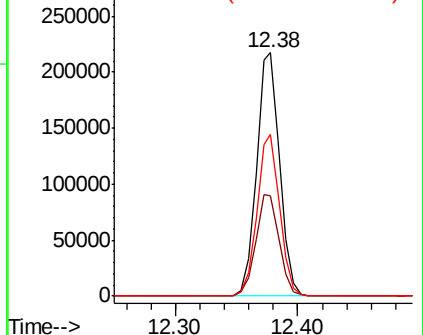
148 65.2 31.9 95.7

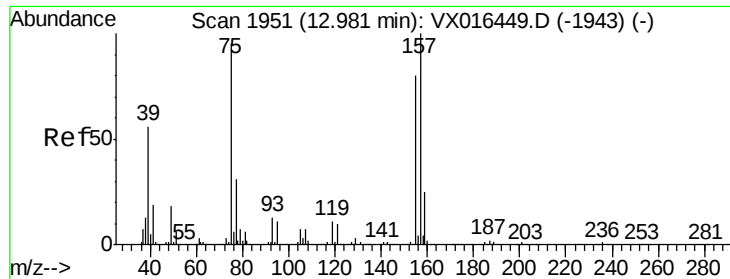


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.150 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

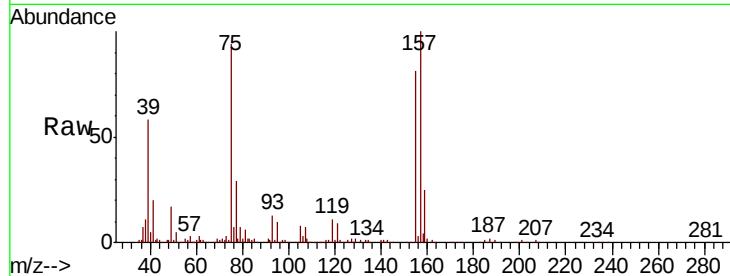
MSVOA_X

ClientSampleId :

SS050MW113-200527MS

Tot Ion: 75 Resp: 54979

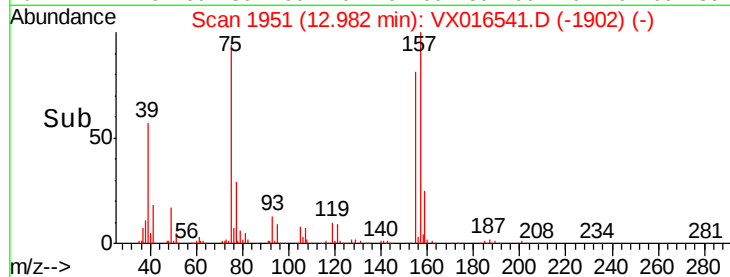
Ion	Ratio	Lower	Upper
75	100		
155	92.3	44.1	132.4
157	116.5	57.8	173.3



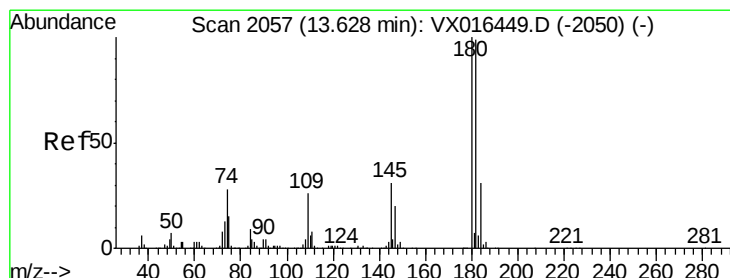
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



Time-->



#93

1,2,4-Trichlorobenzene

Concen: 47.189 ug/l

RT: 13.63 min Scan# 2057

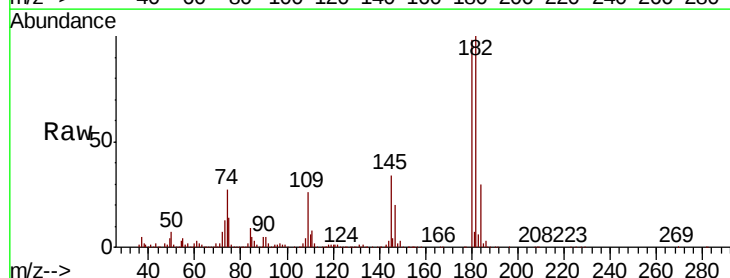
Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Tgt Ion:180 Resp: 186325

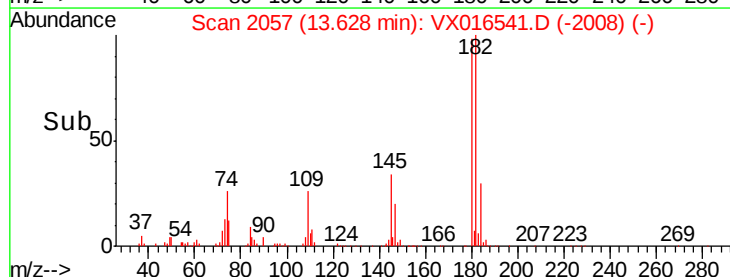
Ion	Ratio	Lower	Upper
180	100		
182	97.7	48.3	144.8
145	32.2	15.4	46.2



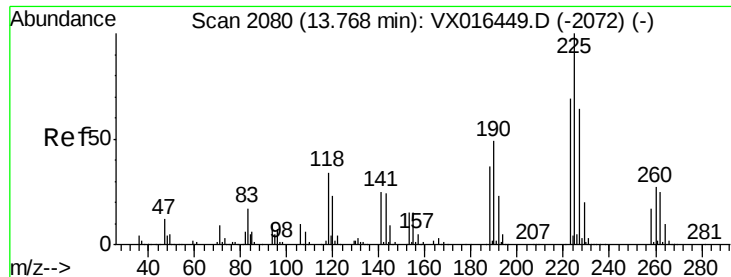
Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



Time-->



#94

Hexachlorobutadiene

Concen: 48.473 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-200527MS

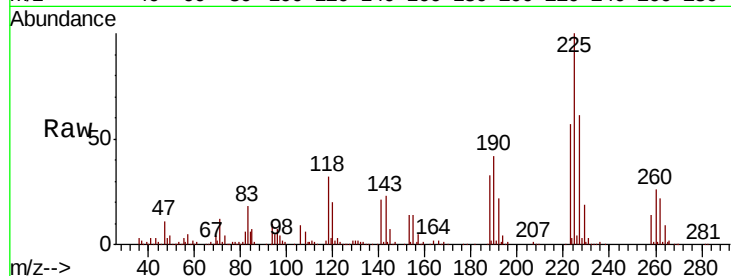
Tot Ion:225 Resp: 75146

Ion Ratio Lower Upper

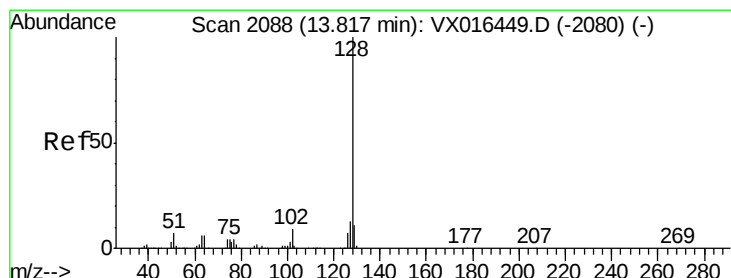
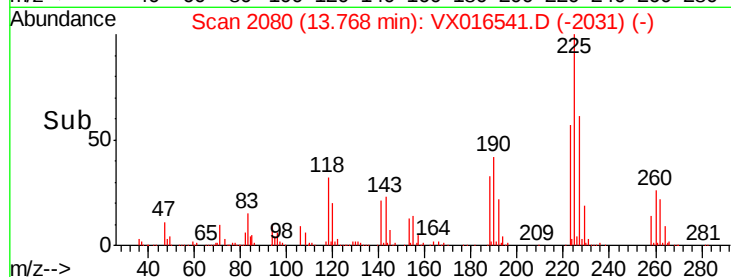
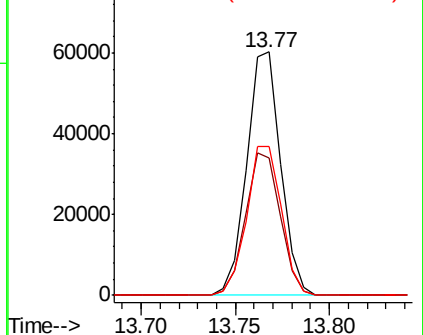
225 100

223 60.4 32.3 96.8

227 62.9 31.6 94.7



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



#95

Naphthalene

Concen: 45.220 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016541.D

Acq: 01 Jun 2020 19:54

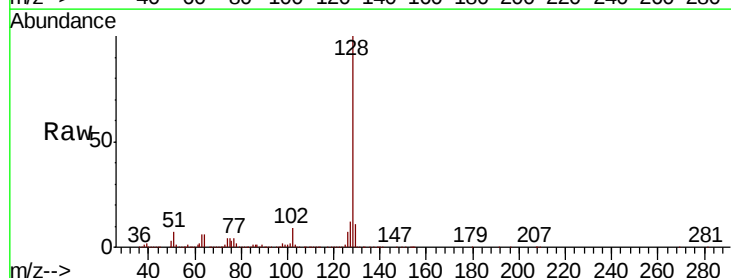
Tgt Ion:128 Resp: 612094

Ion Ratio Lower Upper

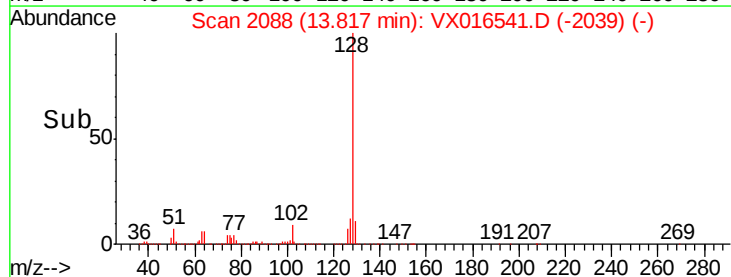
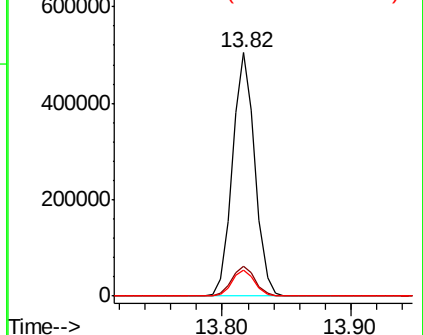
128 100

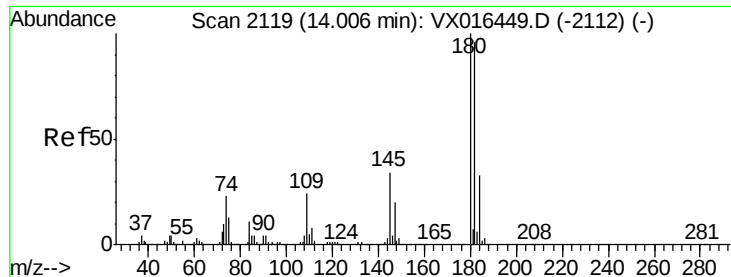
127 12.8 10.6 15.8

129 10.9 8.6 13.0



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: 45.678 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VX016541.D
 Acq: 01 Jun 2020 19:54

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-200527MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	48.6	145.8
145	32.7	16.6	49.8

