

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016191.D
 Acq On : 13 May 2020 19:37
 Operator : JC/SP
 Sample : L2597-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

Quant Time: May 14 04:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	258302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426546	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206321	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163344	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	5.47	113	128514	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.70	98	499795	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	11.12	95	195509	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	134139	49.062	ug/l	99
3) Chloromethane	1.31	50	146785	46.229	ug/l	99
4) Vinyl Chloride	1.39	62	161460	47.663	ug/l	100
5) Bromomethane	1.62	94	65986	38.637	ug/l	99
6) Chloroethane	1.70	64	98413	47.746	ug/l	99
7) Trichlorofluoromethane	1.91	101	209457	47.097	ug/l	99
8) Diethyl Ether	2.17	74	88652	47.310	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	119026	46.388	ug/l	100
10) Methyl Iodide	2.49	142	100014	29.019	ug/l	100
11) Tert butyl alcohol	3.02	59	202118	235.153	ug/l	100
12) 1,1-Dichloroethene	2.36	96	126441	47.090	ug/l	98
13) Acrolein	2.27	56	105373	195.913	ug/l	100
14) Allyl chloride	2.71	41	231590	47.040	ug/l	96
15) Acrylonitrile	3.12	53	442202	248.000	ug/l	99
16) Acetone	2.42	43	353847	233.316	ug/l	99
17) Carbon Disulfide	2.55	76	365105	45.260	ug/l	99
18) Methyl Acetate	2.75	43	176723	47.392	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	473137	51.116	ug/l	99
20) Methylene Chloride	2.83	84	151336	48.405	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	142386	47.586	ug/l	99
22) Diisopropyl ether	3.82	45	462174	49.761	ug/l	95
23) Vinyl Acetate	3.79	43	1857597	227.329	ug/l	98
24) 1,1-Dichloroethane	3.67	63	263181	50.654	ug/l	99
25) 2-Butanone	4.64	43	605563	247.790	ug/l	100
26) 2,2-Dichloropropane	4.55	77	197363	41.595	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	180484	55.174	ug/l	95
28) Bromochloromethane	4.98	49	122232	51.593	ug/l	98
29) Tetrahydrofuran	5.09	42	397098	245.228	ug/l	99
30) Chloroform	5.18	83	265750	51.371	ug/l	98
31) Cyclohexane	5.55	56	221574	46.925	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	236353	50.263	ug/l	99
36) 1,1-Dichloropropene	5.77	75	197068	46.935	ug/l	99
37) Ethyl Acetate	4.79	43	213441	43.860	ug/l	99
38) Carbon Tetrachloride	5.76	117	209367	49.058	ug/l	95

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	208733	41.281	ug/l	100
40) Benzene	6.12	78	603621	49.134	ug/l	100
41) Methacrylonitrile	5.00	41	125506	47.755	ug/l	99
42) 1,2-Dichloroethane	6.17	62	210755	47.622	ug/l	99
43) Isopropyl Acetate	6.42	43	354486	45.654	ug/l	99
44) Trichloroethene	7.19	130	206978	47.423	ug/l	100
45) 1,2-Dichloropropane	7.49	63	155423	49.998	ug/l	98
46) Dibromomethane	7.64	93	103912	49.189	ug/l	99
47) Bromodichloromethane	7.88	83	216176	50.245	ug/l	99
48) Methyl methacrylate	7.74	41	175711	47.757	ug/l	96
49) 1,4-Dioxane	7.71	88	83006	940.679	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1170316	246.305	ug/l	98
52) Toluene	8.77	92	380989	49.753	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	245337	47.825	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	255753	47.731	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	155183	51.508	ug/l	99
56) Ethyl methacrylate	9.16	69	247607	50.349	ug/l	96
57) 1,3-Dichloropropane	9.35	76	265989	50.597	ug/l	99
59) 2-Hexanone	9.48	43	906169	242.846	ug/l	98
60) Dibromochloromethane	9.57	129	174272	52.521	ug/l	99
61) 1,2-Dibromoethane	9.66	107	163719	50.168	ug/l	99
64) Tetrachloroethene	9.32	164	228576	45.961	ug/l	97
65) Chlorobenzene	10.12	112	406682	47.944	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	157816	50.336	ug/l	99
67) Ethyl Benzene	10.24	91	721723	47.686	ug/l	99
68) m/p-Xylenes	10.34	106	543842	95.907	ug/l	100
69) o-Xylene	10.68	106	265788	48.762	ug/l	98
70) Styrene	10.70	104	452155	48.897	ug/l	99
71) Bromoform	10.84	173	130068	50.920	ug/l #	97
73) Isopropylbenzene	11.01	105	704533	46.948	ug/l	99
74) N-amyl acetate	10.88	43	295699	42.244	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170985	56.990	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	294161	62.829	ug/l	84
77) Bromobenzene	11.24	156	180531	46.607	ug/l	100
78) n-propylbenzene	11.35	91	801577	45.915	ug/l	100
79) 2-Chlorotoluene	11.41	91	480887	46.666	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	591787	46.706	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88403	44.997	ug/l	97
82) 4-Chlorotoluene	11.49	91	570391	46.873	ug/l	100
83) tert-Butylbenzene	11.76	119	509203	46.633	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	598595	46.729	ug/l	100
85) sec-Butylbenzene	11.93	105	657326	44.585	ug/l	100
86) p-Isopropyltoluene	12.05	119	607080	44.350	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	314831	45.267	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	325484	46.109	ug/l	100
89) n-Butylbenzene	12.37	91	515379	41.214	ug/l	99
90) Hexachloroethane	12.58	117	110278	46.910	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	311930	46.578	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	56076	45.444	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	214817	43.326	ug/l	98

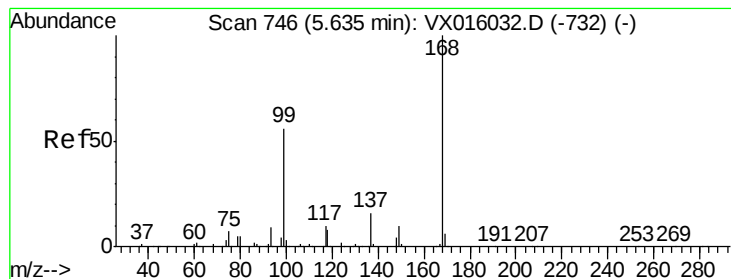
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	76362	35.916	ug/l	96
95) Naphthalene	13.82	128	747399	46.554	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	217410	44.867	ug/l	98

(#) = 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. -0.01 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

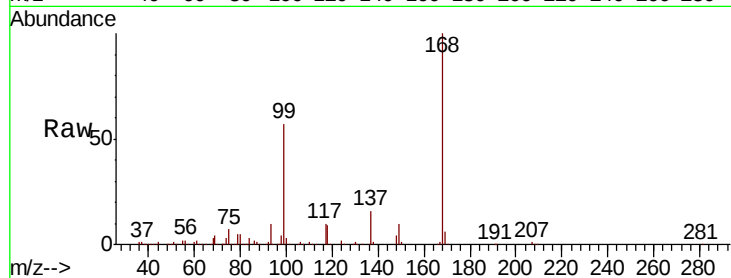
SS052MW765-200511MS

Tot Ion:168 Resp: 258302

Ion Ratio Lower Upper

168 100

99 56.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

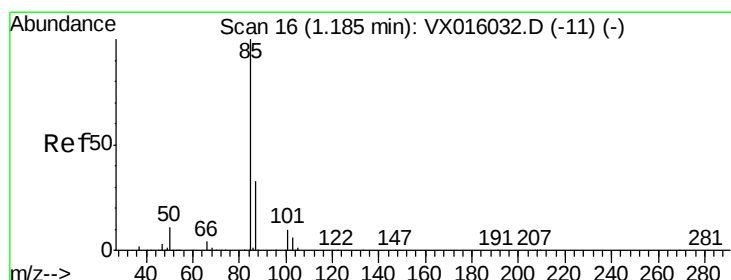
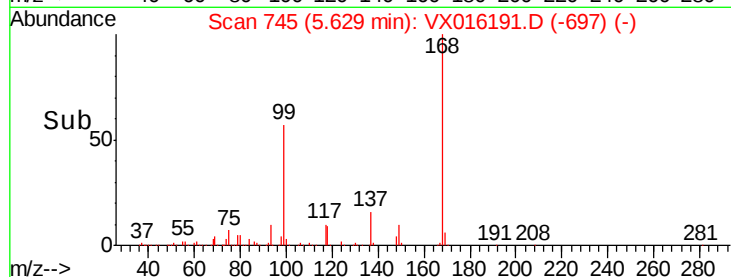
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 49.062 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016191.D

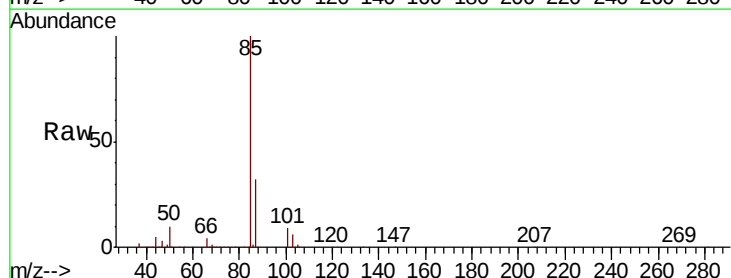
Acq: 13 May 2020 19:37

Tgt Ion: 85 Resp: 134139

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

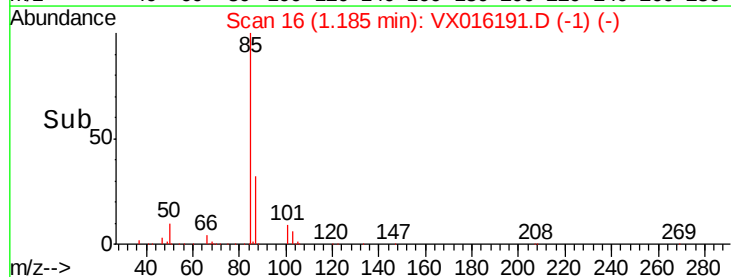
150000

100000

50000

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Time-->





#3

Chloromethane

Concen: 46.229 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

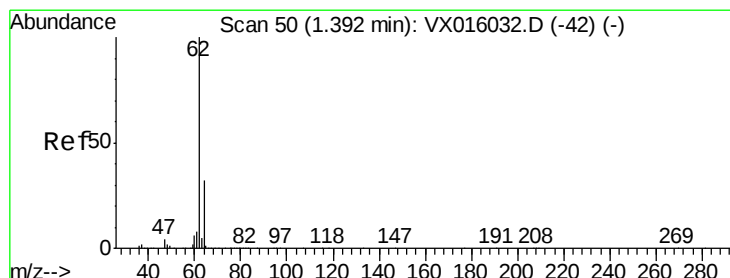
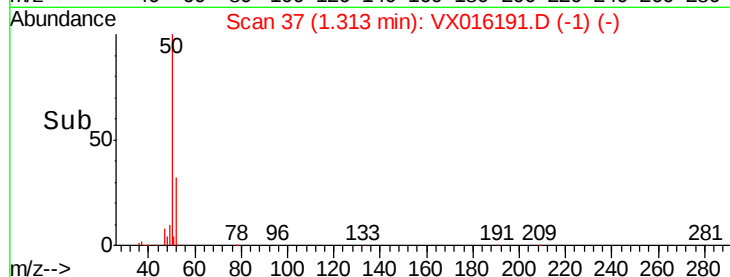
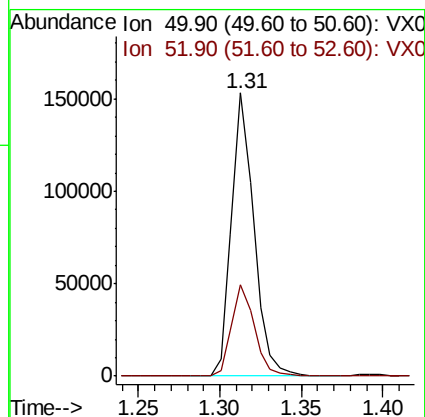
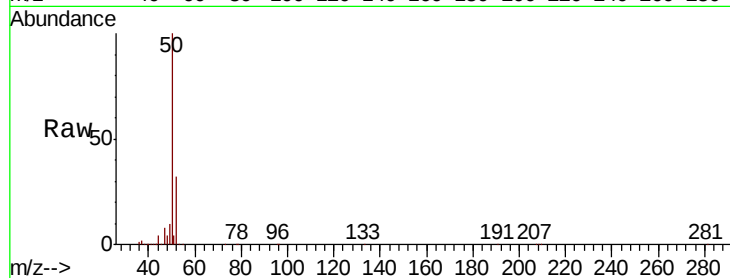
SS052MW765-200511MS

Tot Ion: 50 Resp: 146785

Ion Ratio Lower Upper

50 100

52 32.2 26.1 39.1



#4

Vinyl Chloride

Concen: 47.663 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016191.D

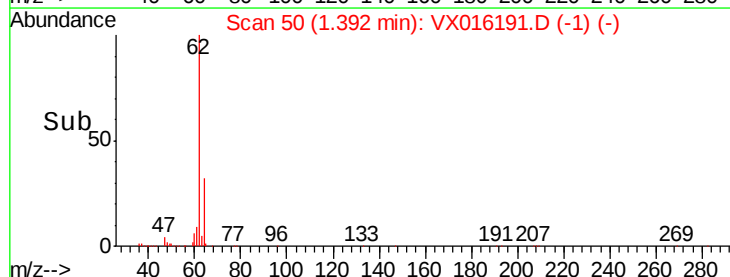
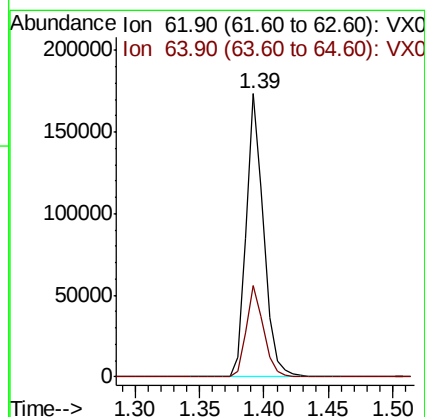
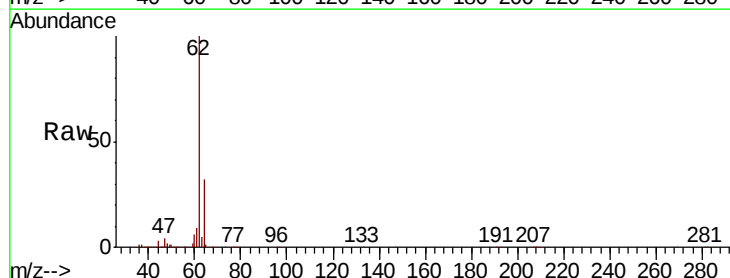
Acq: 13 May 2020 19:37

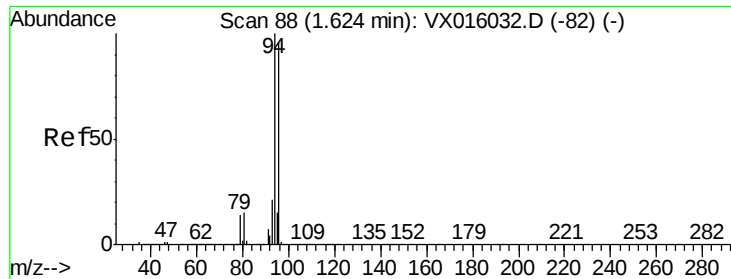
Tgt Ion: 62 Resp: 161460

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 38.637 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

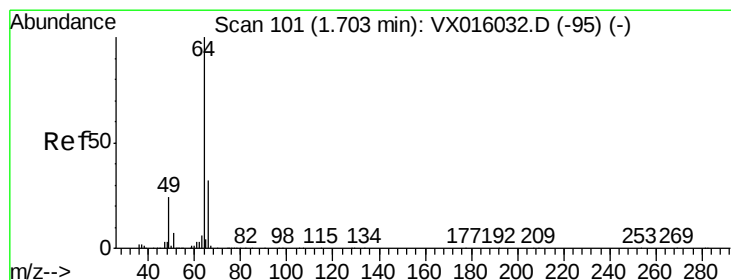
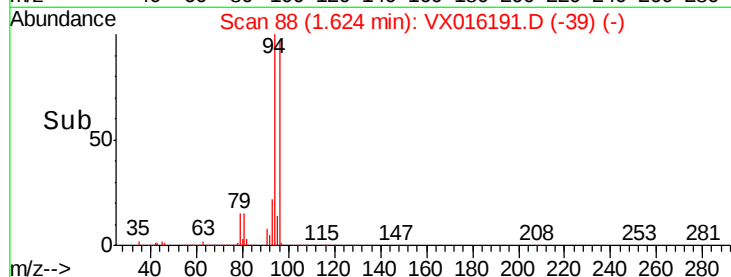
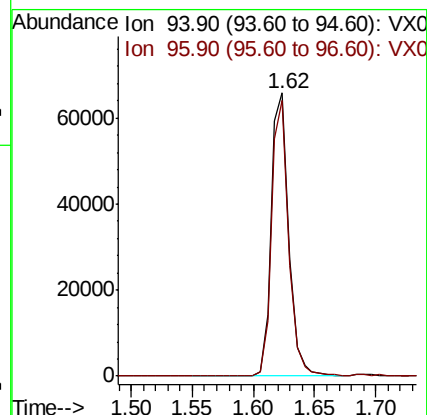
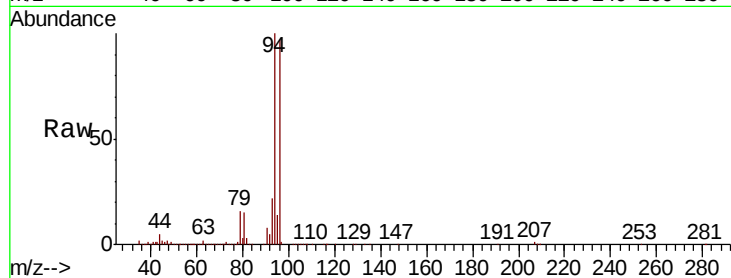
SS052MW765-200511MS

Tot Ion: 94 Resp: 65986

Ion Ratio Lower Upper

94 100

96 97.3 76.9 115.3



#6

Chloroethane

Concen: 47.746 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016191.D

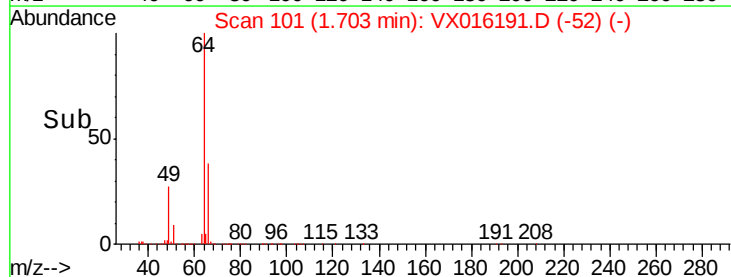
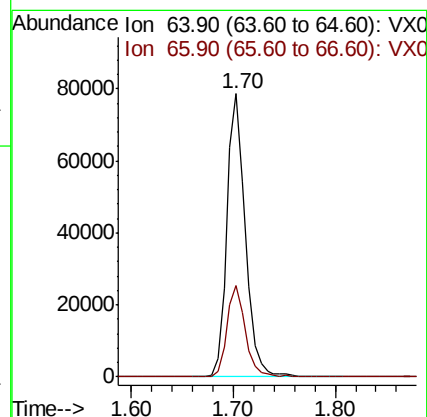
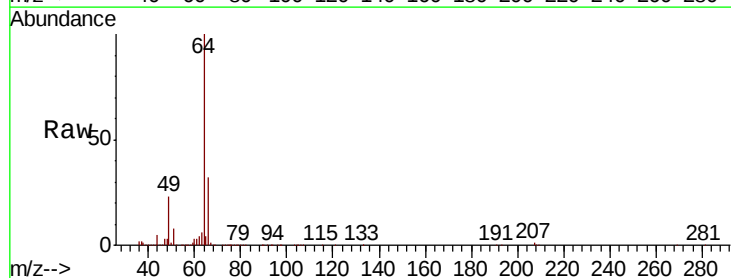
Acq: 13 May 2020 19:37

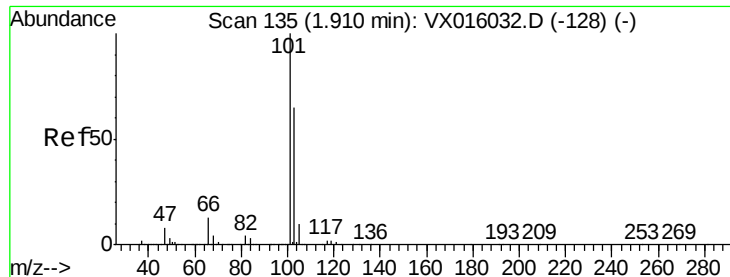
Tgt Ion: 64 Resp: 98413

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8



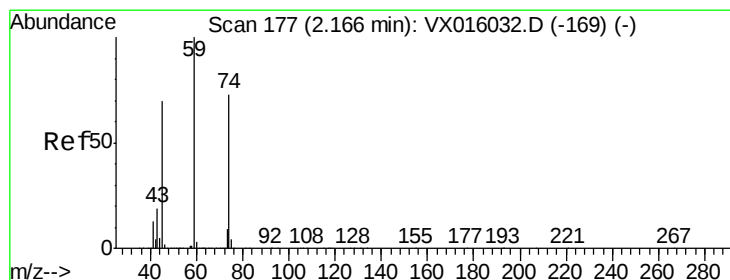
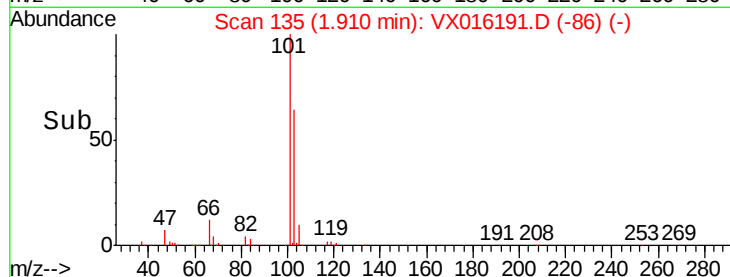
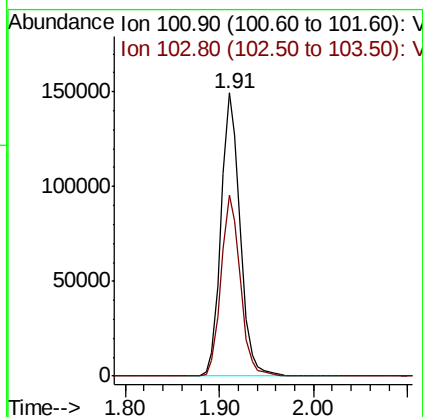
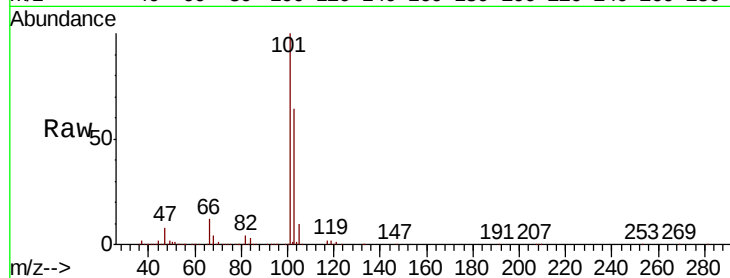


#7

Trichlorofluoromethane
Concen: 47.097 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016191.D
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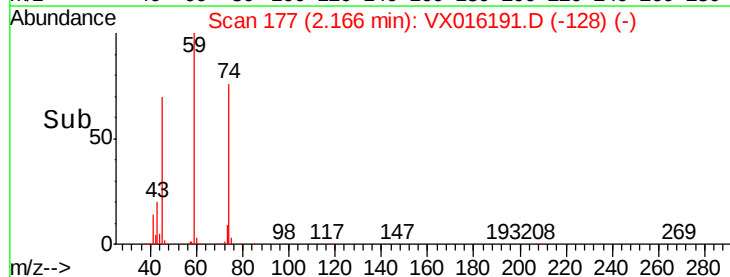
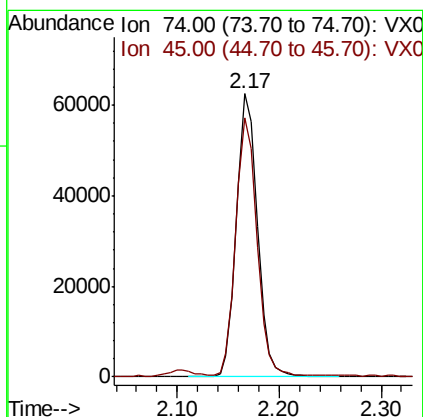
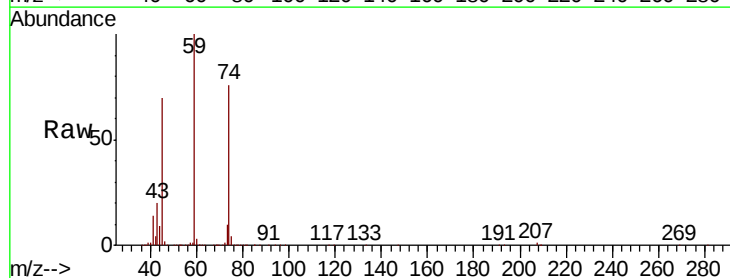
Tot Ion:101 Resp: 209457
Ion Ratio Lower Upper
101 100
103 64.0 51.8 77.6

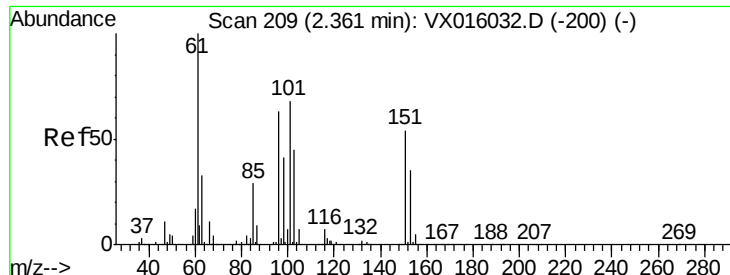


#8

Diethyl Ether
Concen: 47.310 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 74 Resp: 88652
Ion Ratio Lower Upper
74 100
45 91.7 47.3 142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.388 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

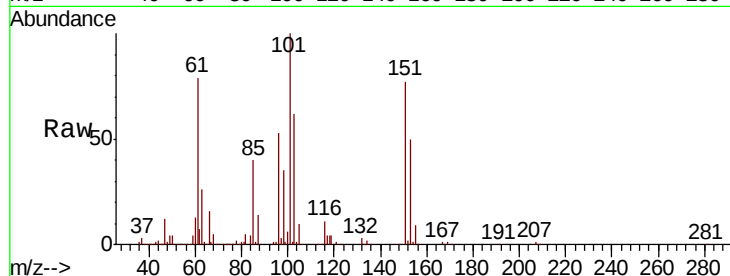
Tot Ion:101 Resp: 119026

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.4

151 78.0 62.1 93.1

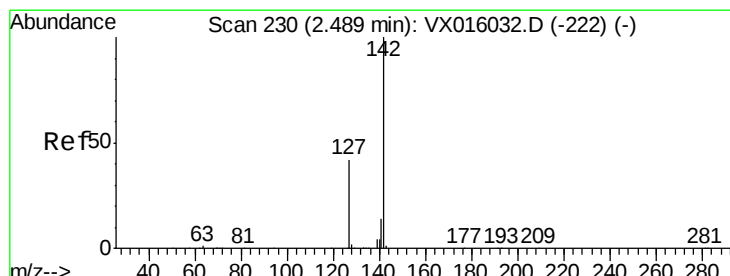
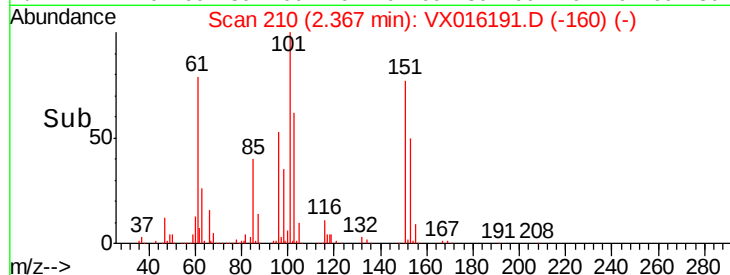
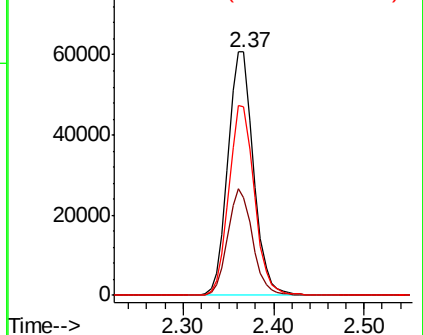


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 29.019 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016191.D

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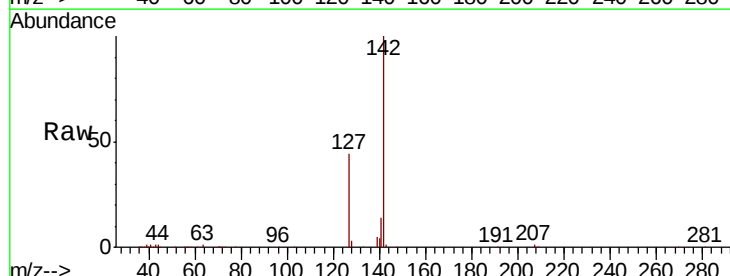
Tgt Ion:142 Resp: 100014

Ion Ratio Lower Upper

142 100

127 43.6 34.6 52.0

141 14.3 11.3 16.9

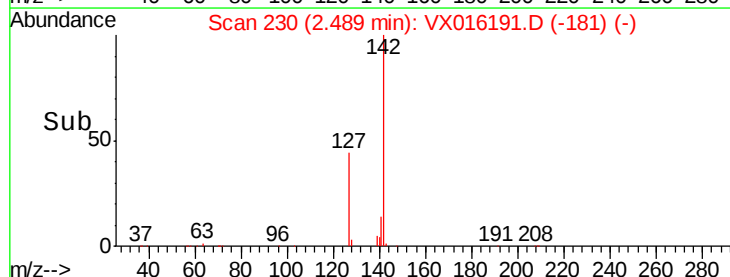
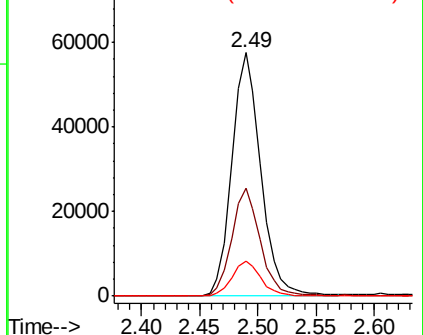


Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



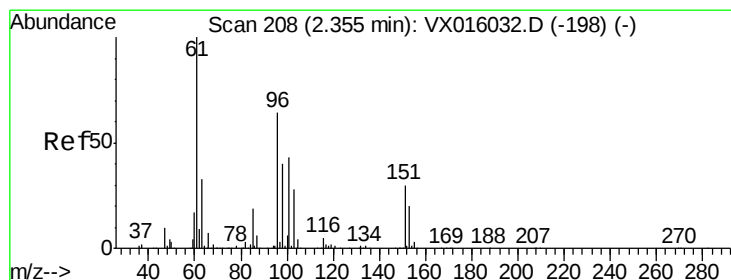
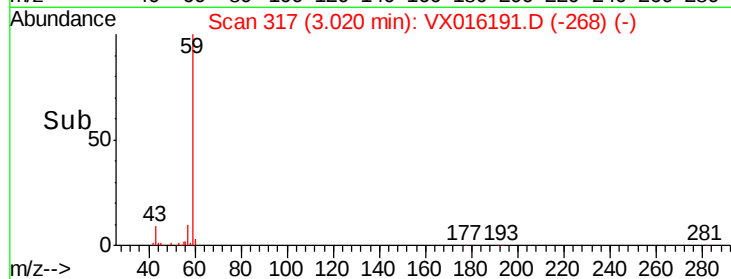
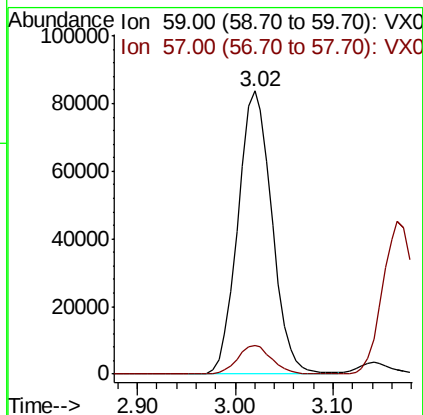
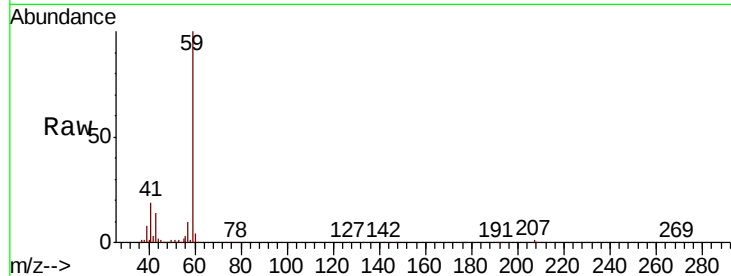


#11

Tert butyl alcohol
 Concen: 235.153 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

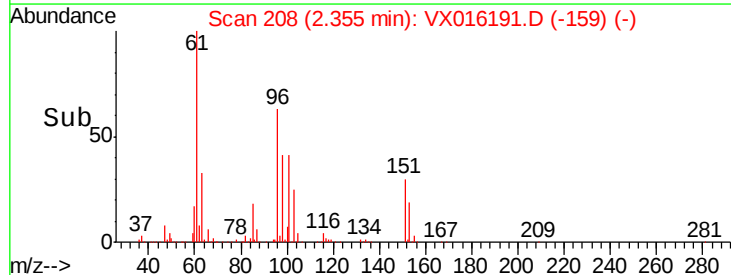
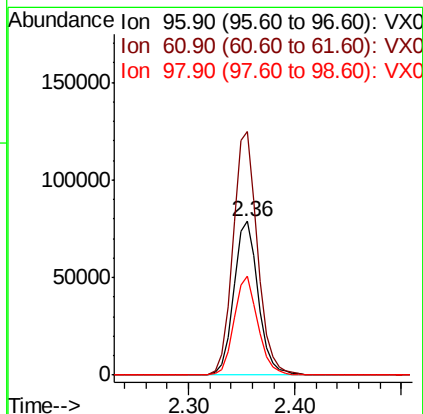
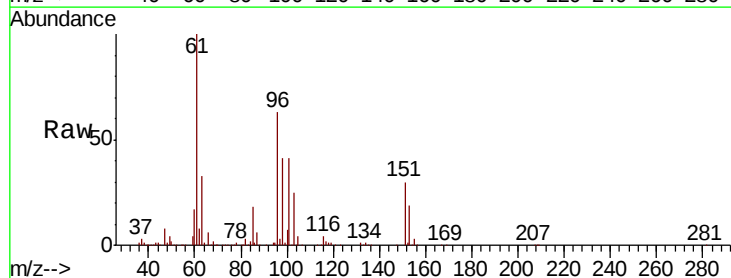
Tot Ion: 59 Resp: 202118
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.4

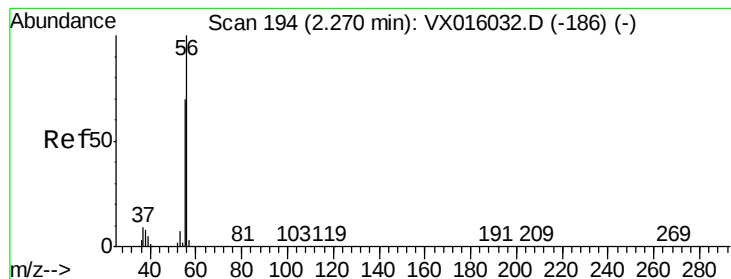


#12

1,1-Dichloroethene
 Concen: 47.090 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion: 96 Resp: 126441
 Ion Ratio Lower Upper
 96 100
 61 158.9 124.8 187.2
 98 64.5 49.7 74.5





#13

Acrolein

Concen: 195.913 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

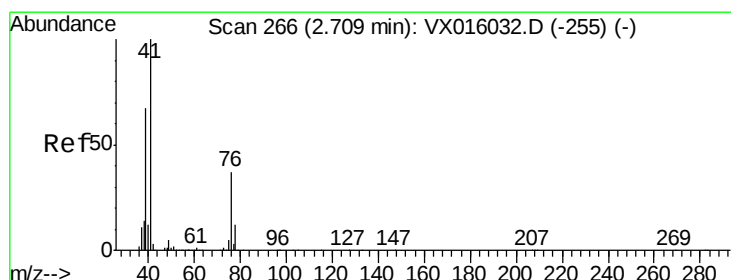
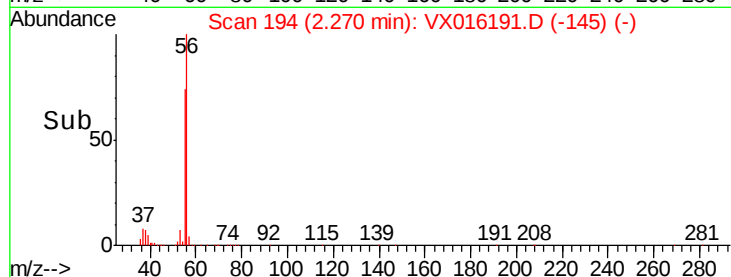
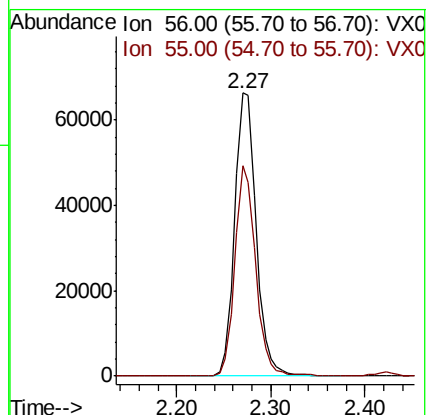
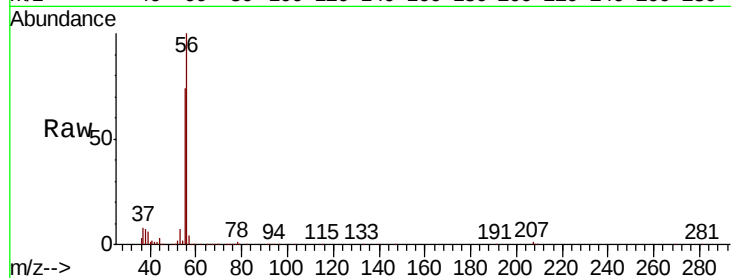
SS052MW765-200511MS

Tot Ion: 56 Resp: 105373

Ion Ratio Lower Upper

56 100

55 70.9 56.5 84.7



#14

Allyl chloride

Concen: 47.040 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

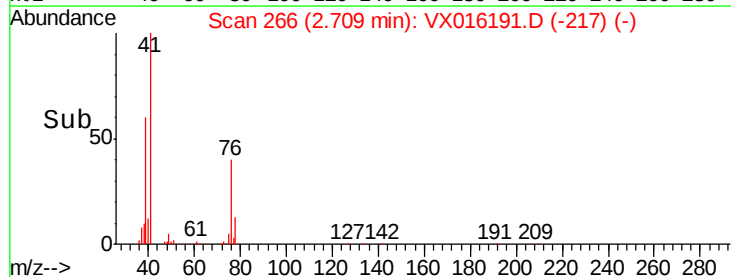
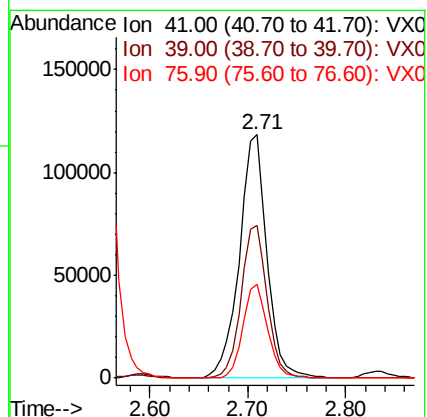
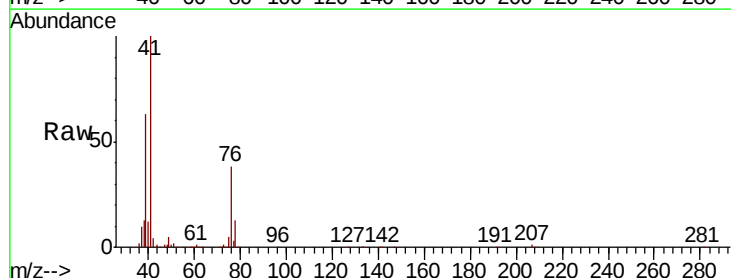
Tgt Ion: 41 Resp: 231590

Ion Ratio Lower Upper

41 100

39 59.2 50.5 75.7

76 34.5 26.6 40.0

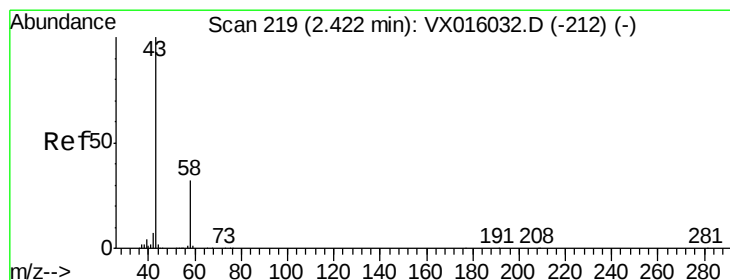
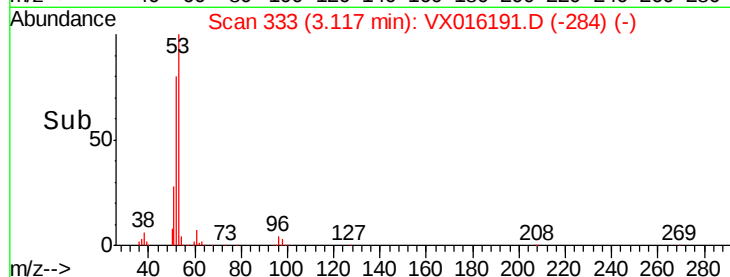
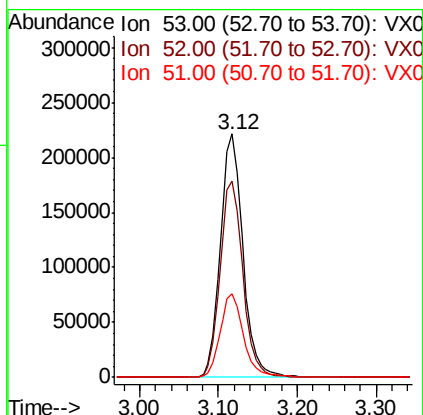
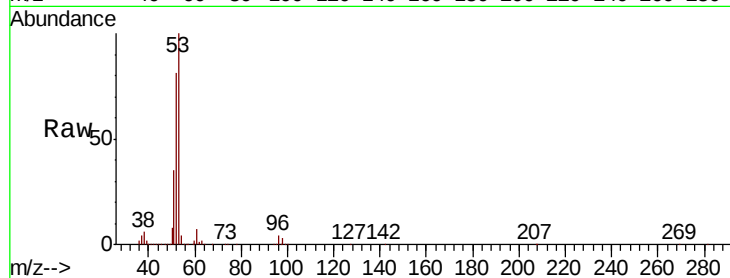




#15
 Acrylonitrile
 Concen: 248.000 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

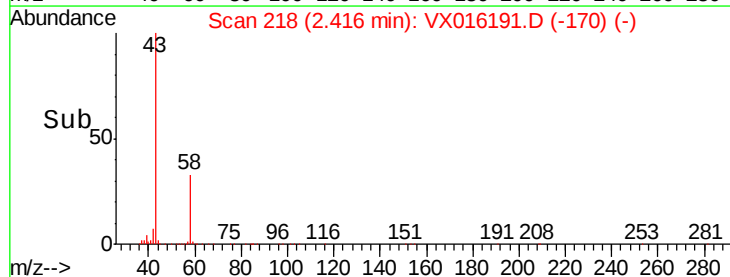
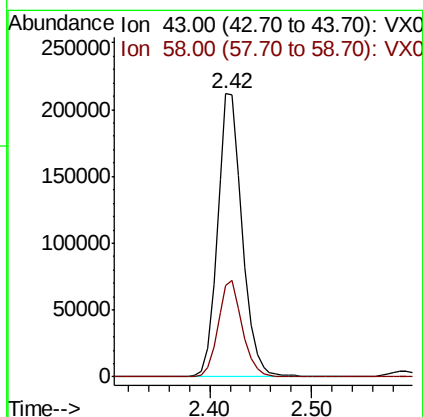
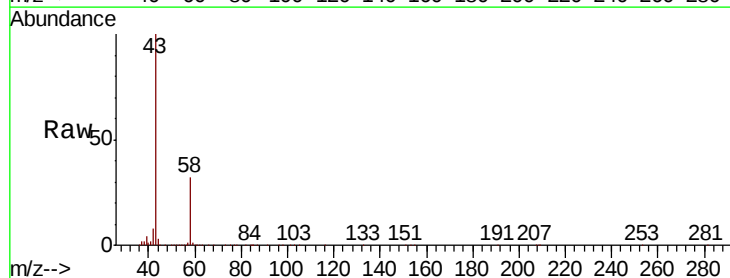
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

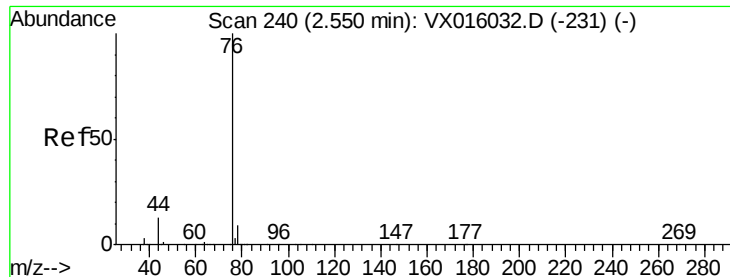
Tot Ion	53	Resp	442202
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.1	99.1
51	35.2	28.8	43.2



#16
 Acetone
 Concen: 233.316 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion	43	Resp	353847
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.4	38.0





#17

Carbon Disulfide

Concen: 45.260 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

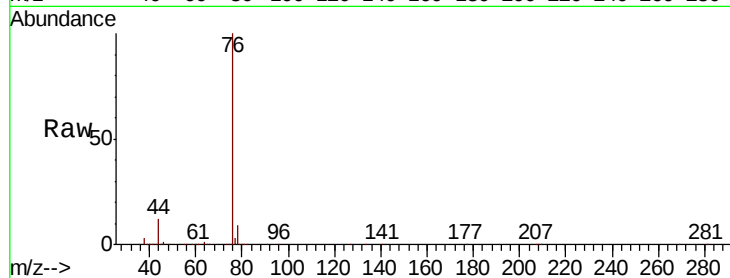
SS052MW765-200511MS

Tot Ion: 76 Resp: 365105

Ion Ratio Lower Upper

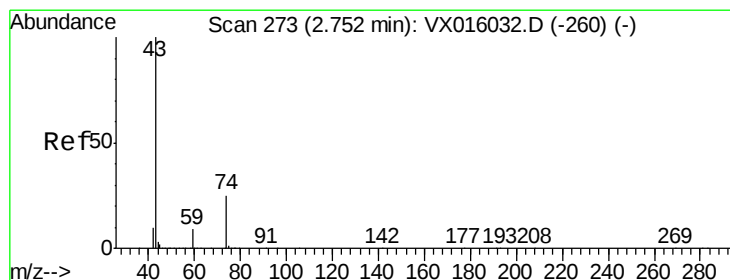
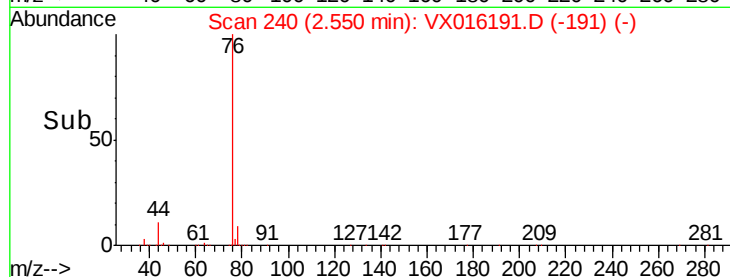
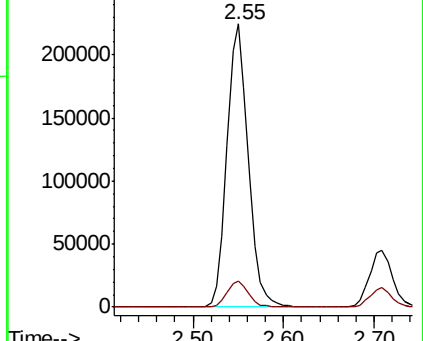
76 100

78 9.1 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 47.392 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX016191.D

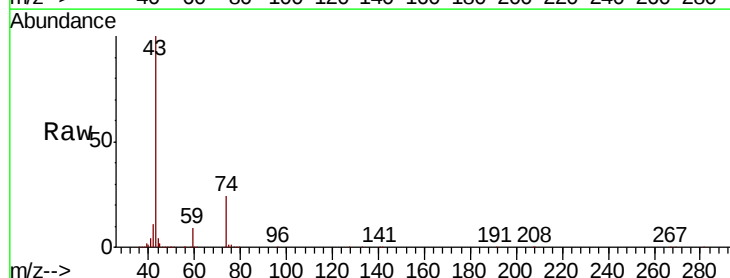
Acq: 13 May 2020 19:37

Tgt Ion: 43 Resp: 176723

Ion Ratio Lower Upper

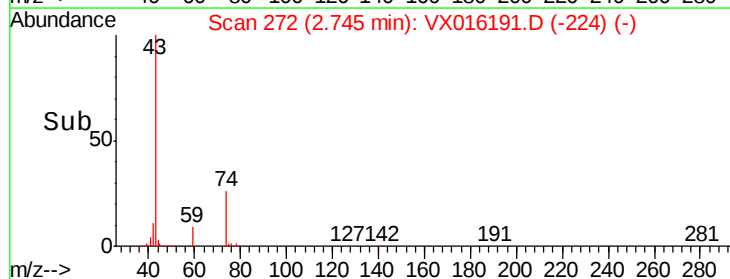
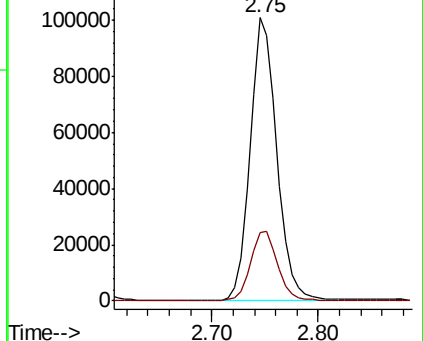
43 100

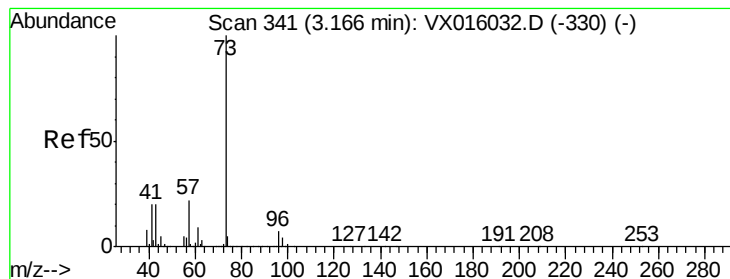
74 25.5 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



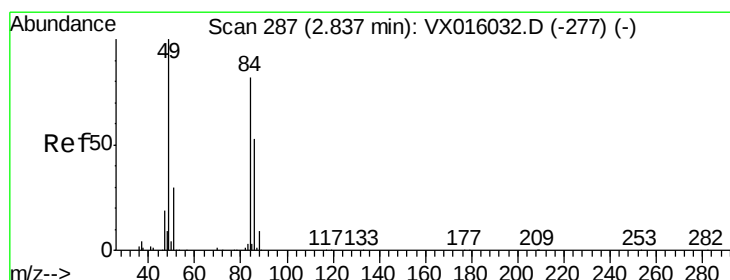
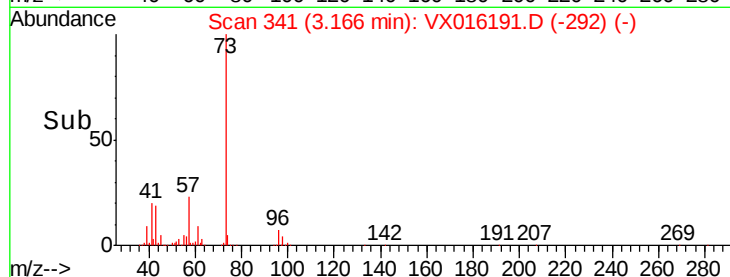
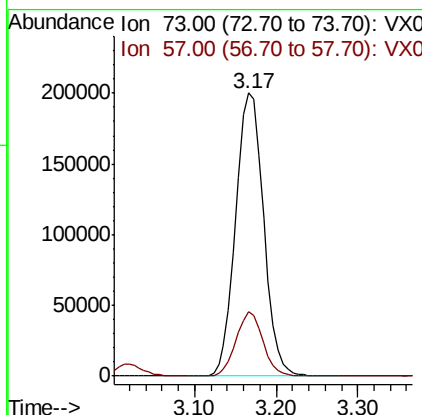
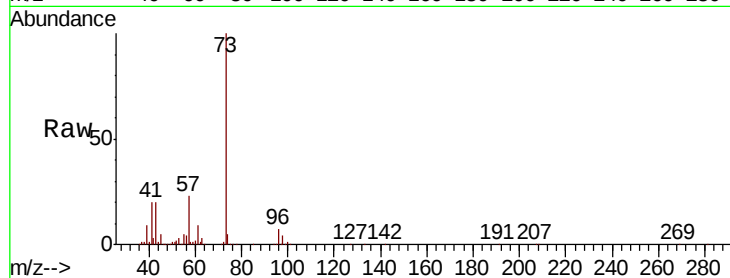


#19

Methyl tert-butyl Ether
 Concen: 51.116 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

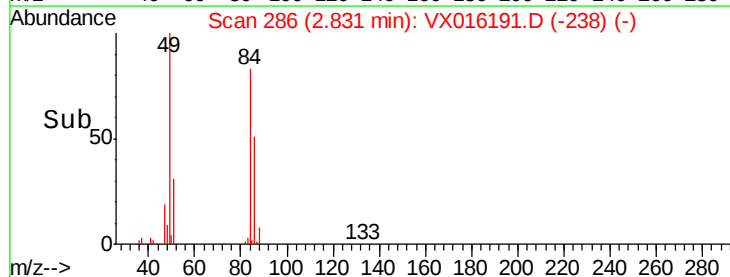
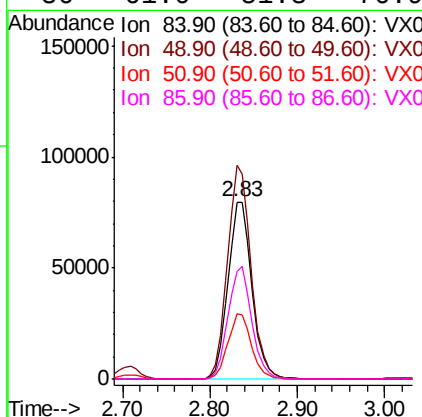
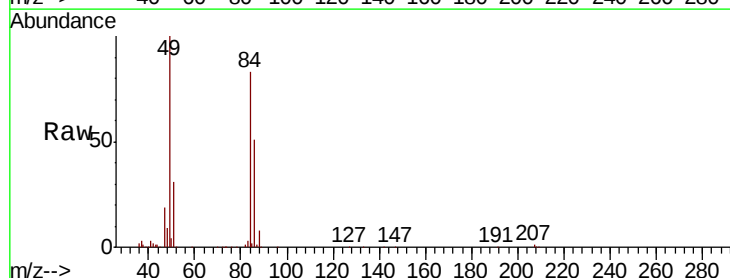
Tot Ion: 73 Resp: 473137
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.8 26.6

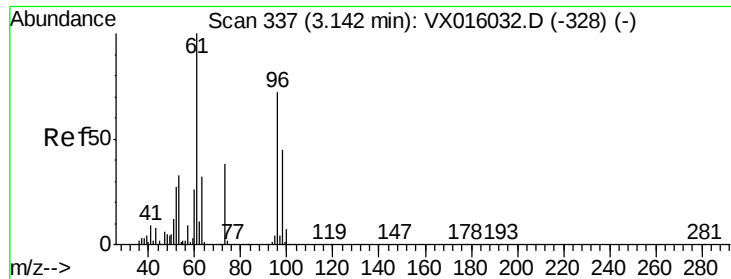


#20

Methylene Chloride
 Concen: 48.405 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion: 84 Resp: 151336
 Ion Ratio Lower Upper
 84 100
 49 120.5 97.3 145.9
 51 36.8 29.3 43.9
 86 61.0 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 47.586 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

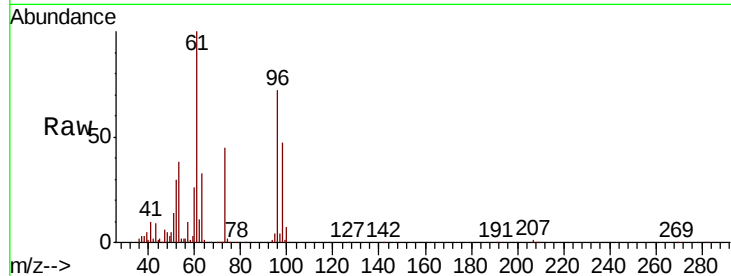
Tot Ion: 96 Resp: 142386

Ion Ratio Lower Upper

96 100

61 138.7 111.2 166.8

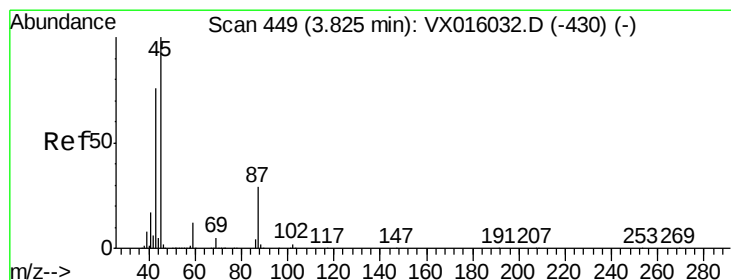
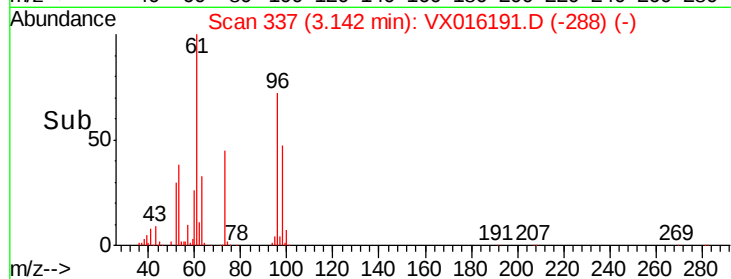
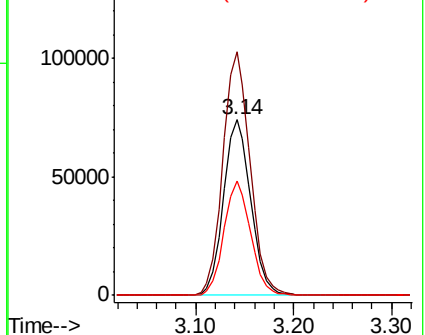
98 65.1 50.2 75.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 49.761 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Tgt Ion: 45 Resp: 462174

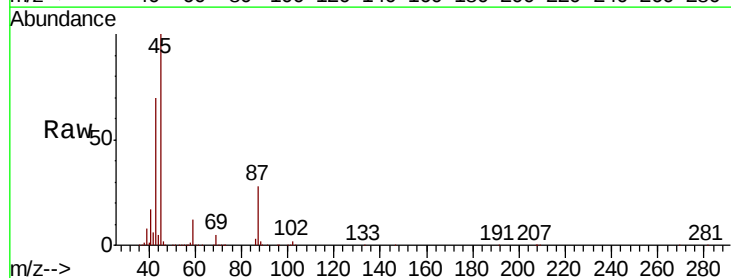
Ion Ratio Lower Upper

45 100

43 69.6 61.1 91.7

87 28.4 23.0 34.6

59 12.1 9.8 14.6

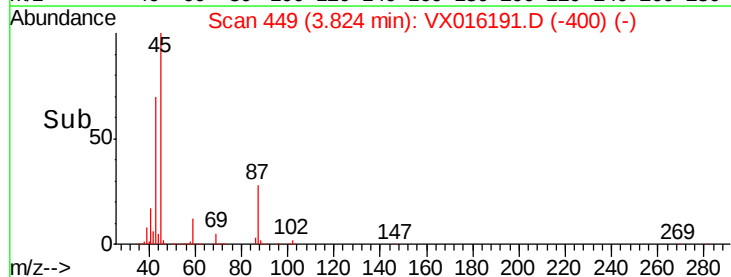
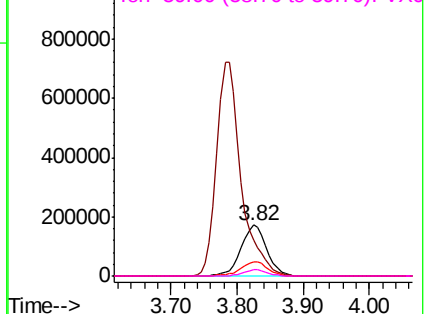


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

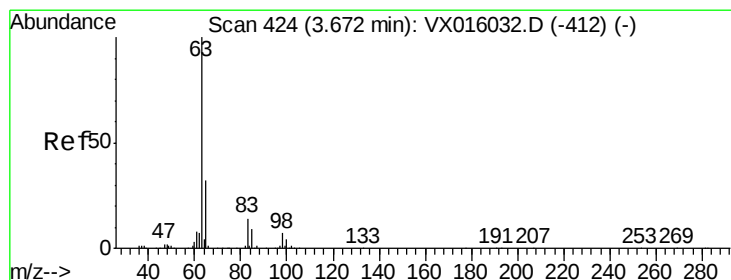
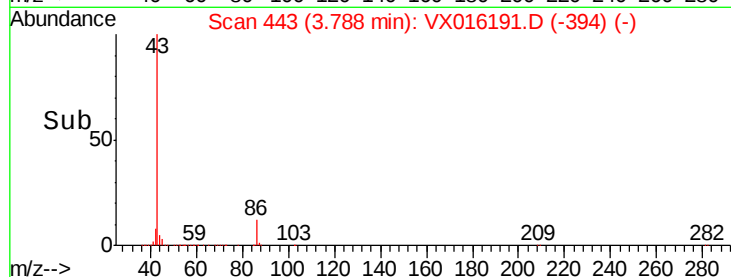
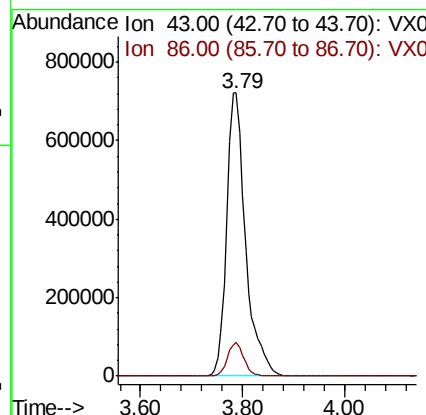
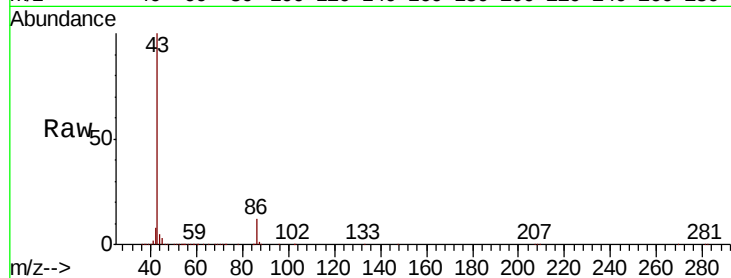




#23
 Vinyl Acetate
 Concen: 227.329 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

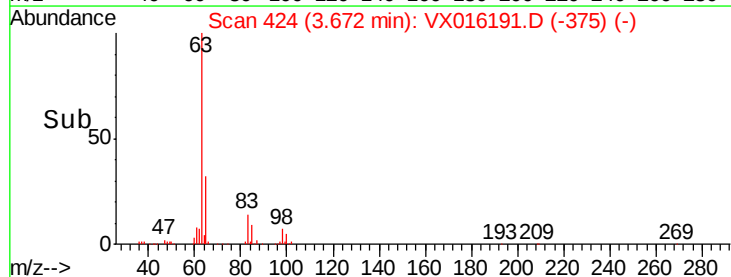
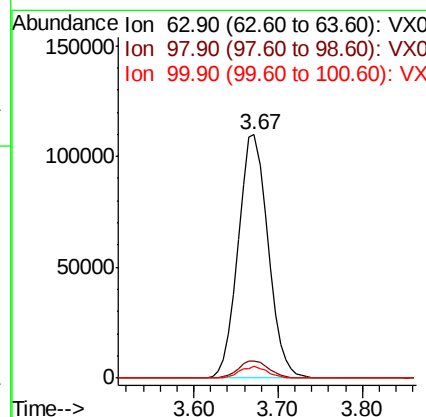
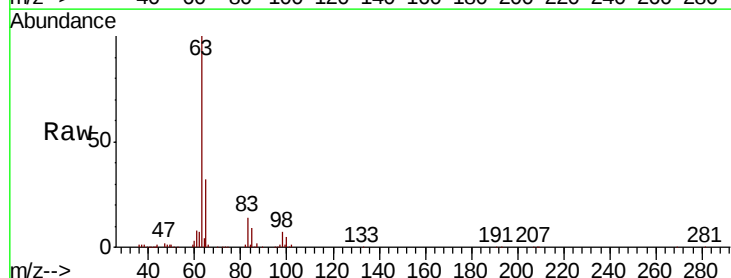
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

Tot Ion: 43 Resp: 1857597
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.0 13.4



#24
 1,1-Dichloroethane
 Concen: 50.654 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion: 63 Resp: 263181
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.9 2.1 6.5

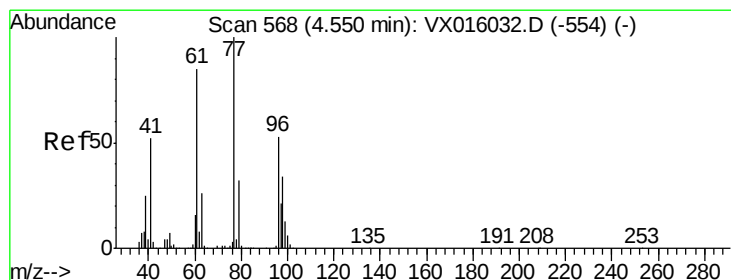
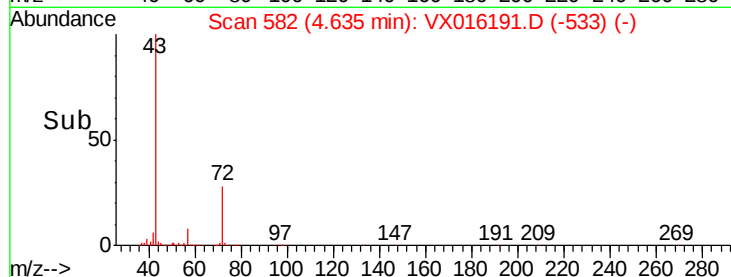
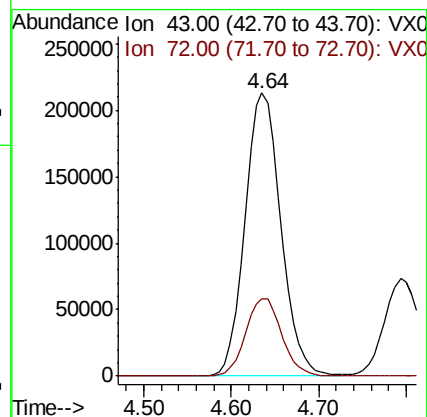
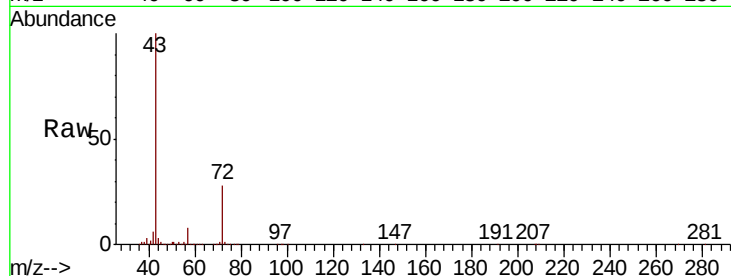




#25
2-Butanone
Concen: 247.790 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

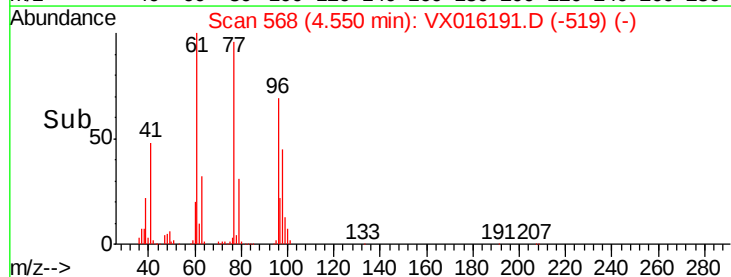
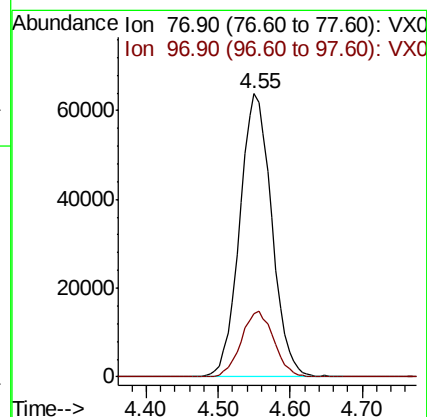
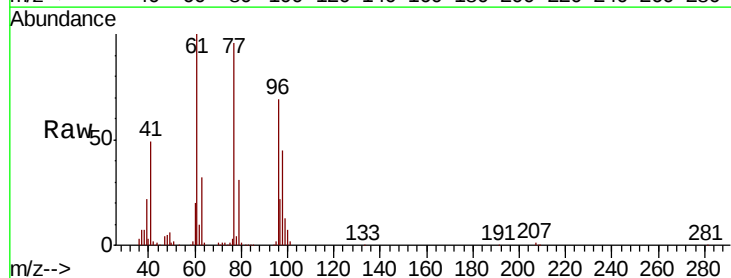
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

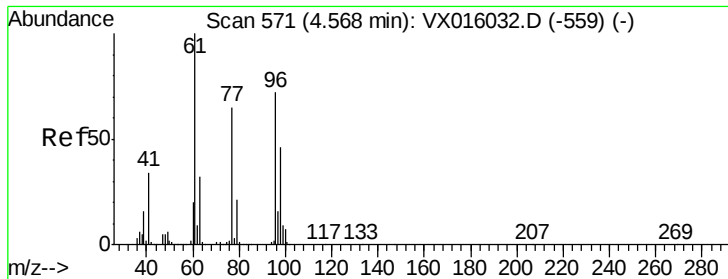
Tot Ion: 43 Resp: 605563
Ion Ratio Lower Upper
43 100
72 27.4 21.8 32.8



#26
2,2-Dichloropropane
Concen: 41.595 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 77 Resp: 197363
Ion Ratio Lower Upper
77 100
97 23.6 11.2 33.6



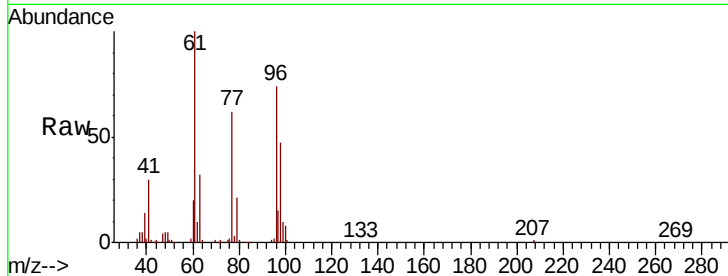


#27

cis-1,2-Dichloroethene
Concen: 55.174 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	296.2
98	64.7	0.0	129.4

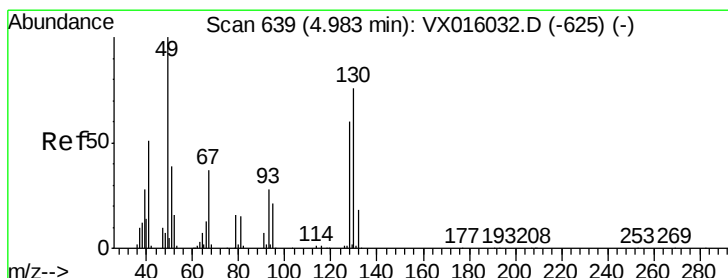
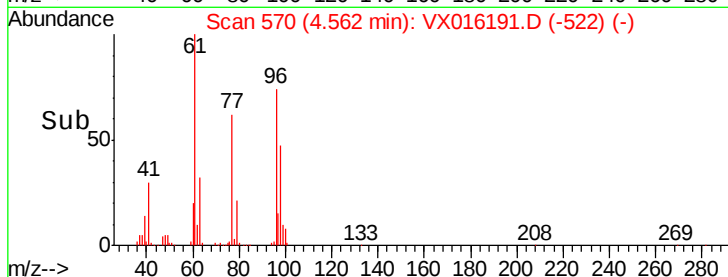
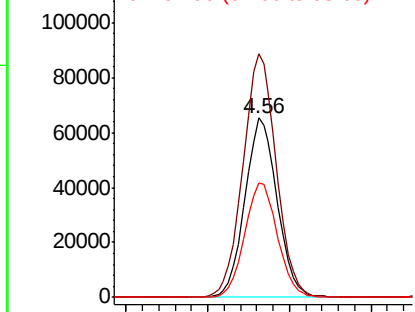


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

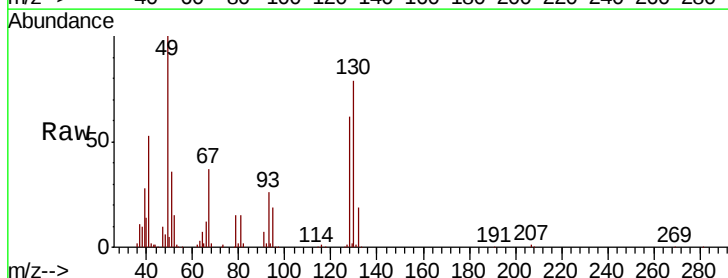
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 51.593 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.0
130	80.0	62.4	93.6

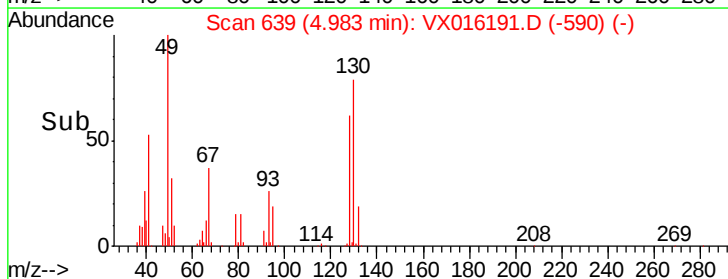
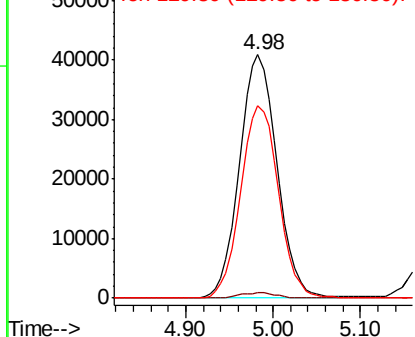


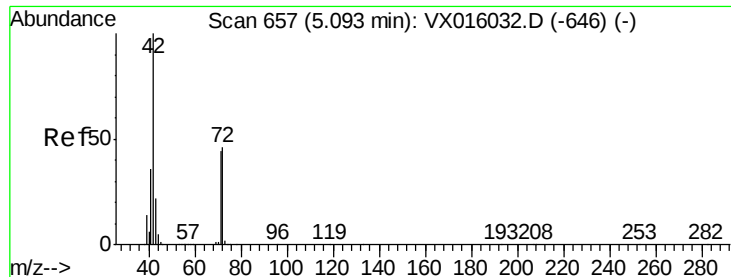
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

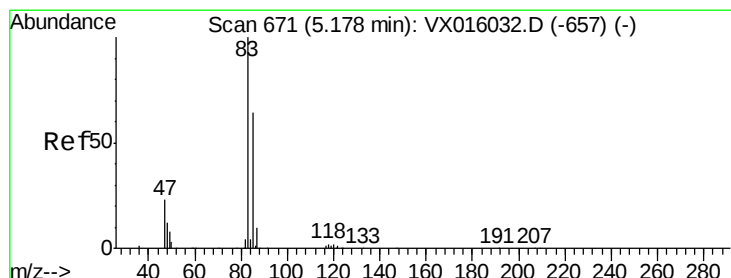
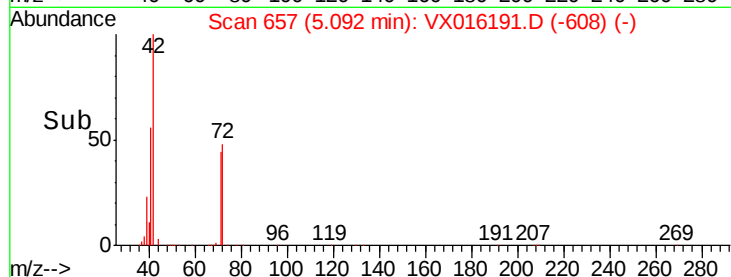
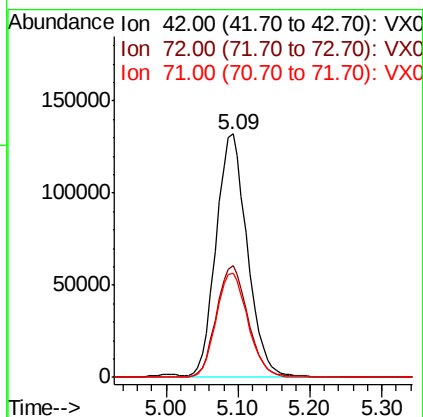
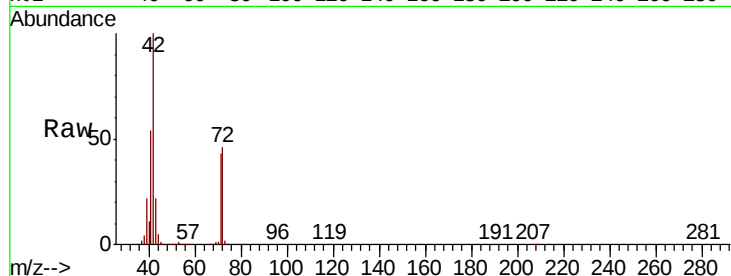




#29
Tetrahydrofuran
Concen: 245.228 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

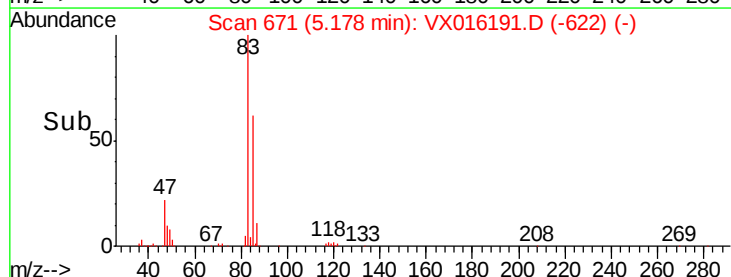
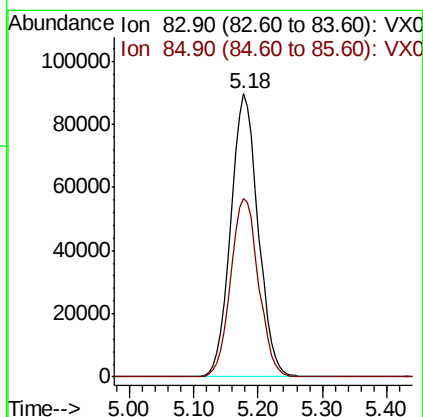
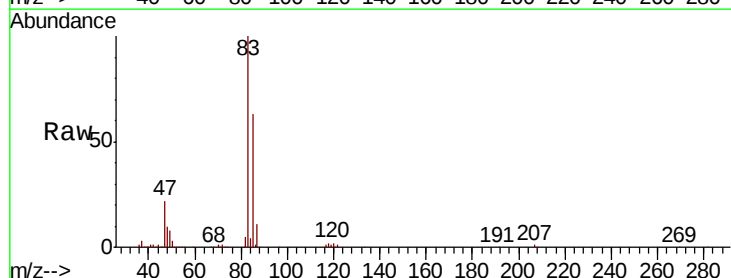
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

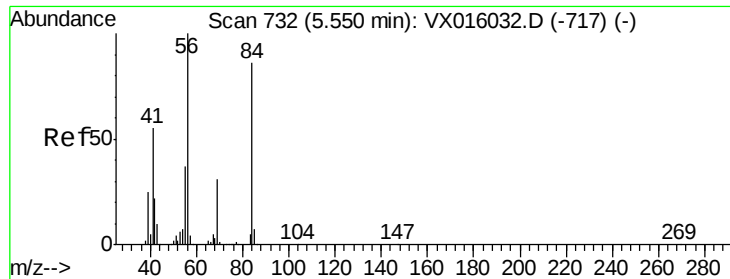
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	37.1	55.7
71	43.8	34.5	51.7



#30
Chloroform
Concen: 51.371 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.6	77.4

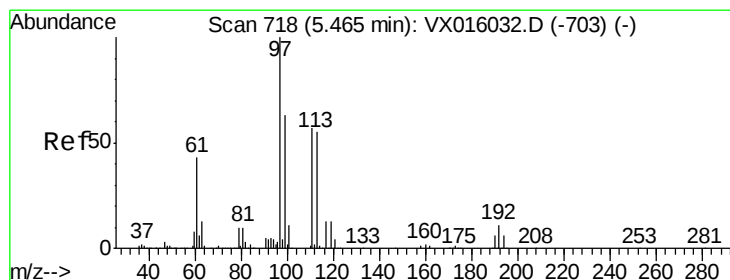
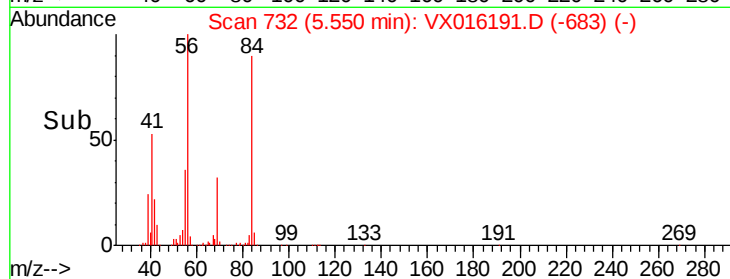
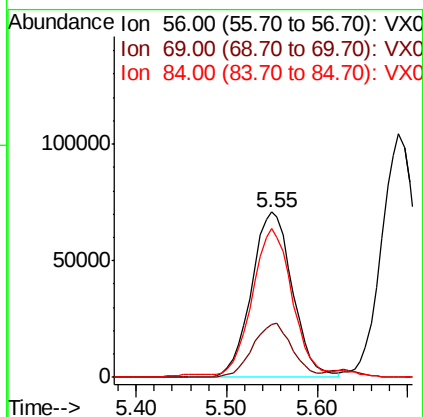
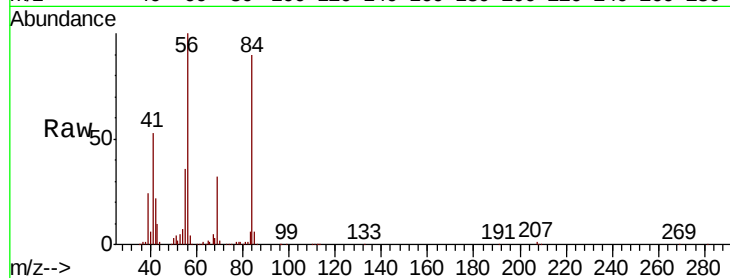




#31
Cyclohexane
Concen: 46.925 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

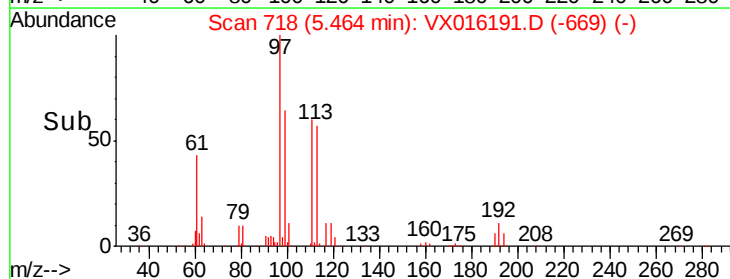
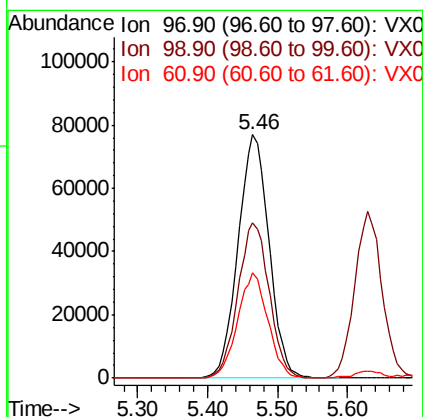
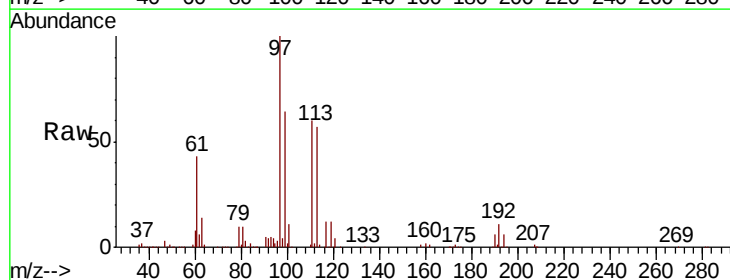
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

Tot Ion: 56 Resp: 221574
Ion Ratio Lower Upper
56 100
69 32.0 25.0 37.6
84 88.4 69.0 103.6



#32
1,1,1-Trichloroethane
Concen: 50.263 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 97 Resp: 236353
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 42.4 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 48.057 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

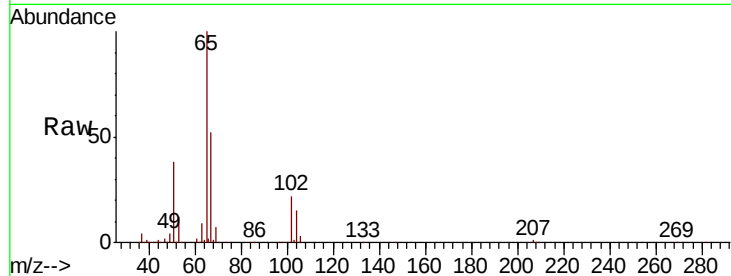
SS052MW765-200511MS

Tot Ion: 65 Resp: 163344

Ion Ratio Lower Upper

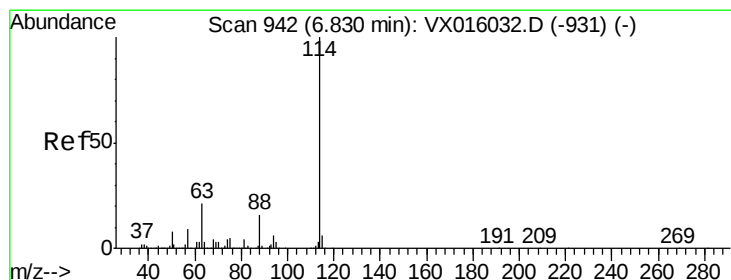
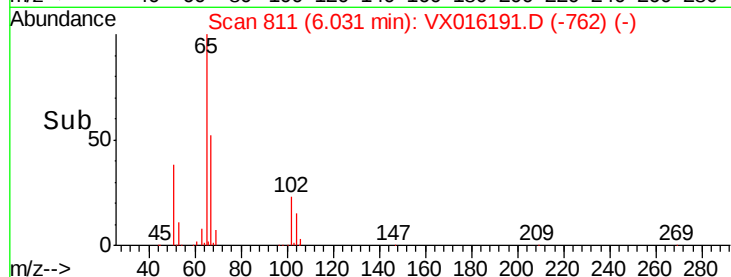
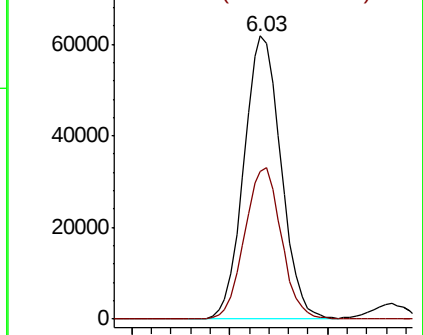
65 100

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: VX016191.D

Acq: 13 May 2020 19:37

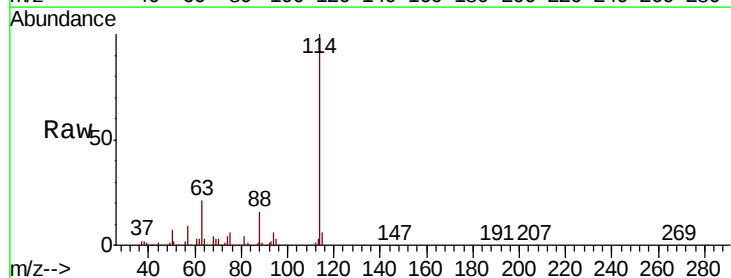
Tgt Ion: 114 Resp: 426546

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

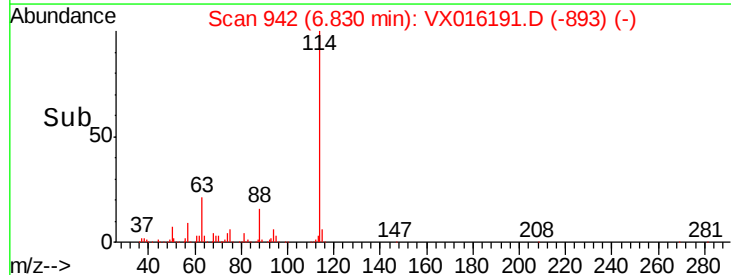
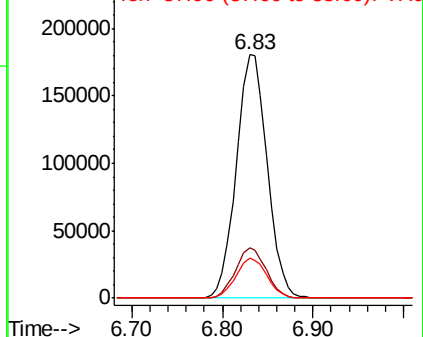
88 16.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

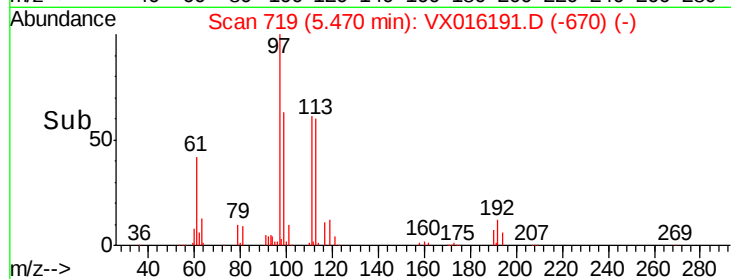
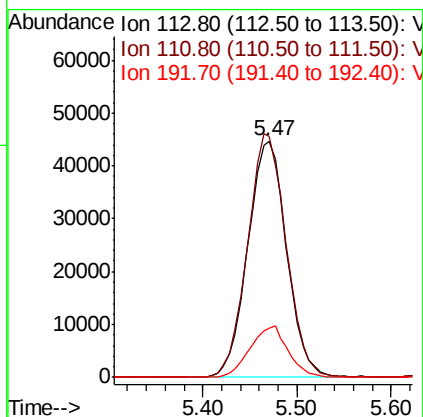
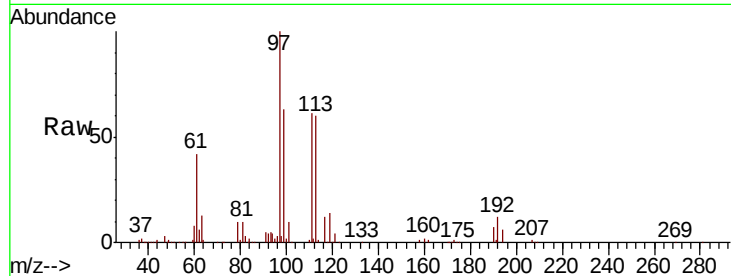




#35
 Dibromofluoromethane
 Concen: 47.556 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

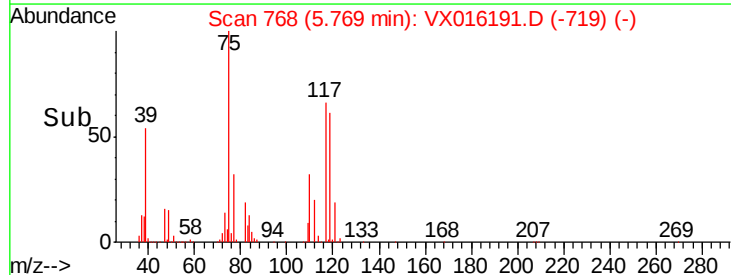
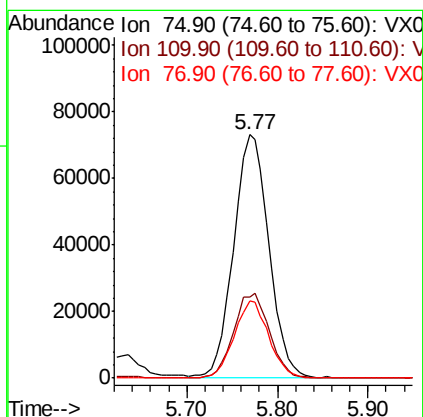
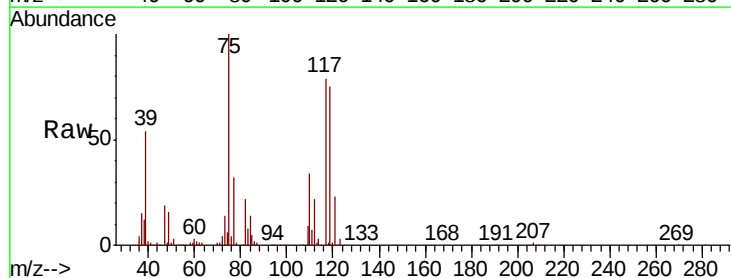
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

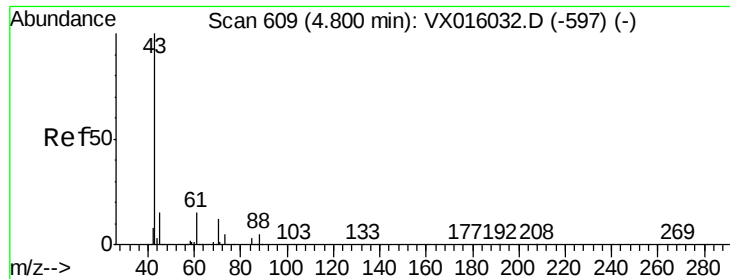
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	21.4	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 46.935 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.1	54.1
77	31.0	25.0	37.6

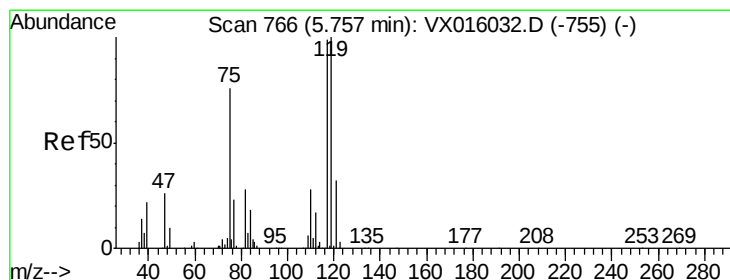
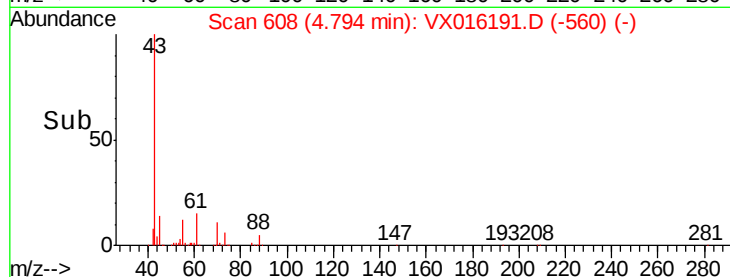
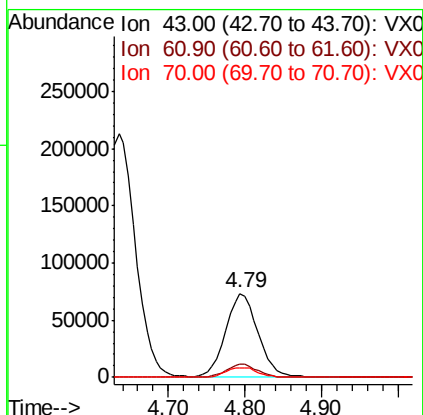
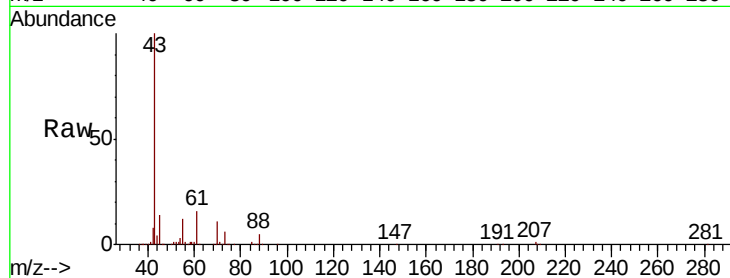




#37
Ethyl Acetate
Concen: 43.860 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

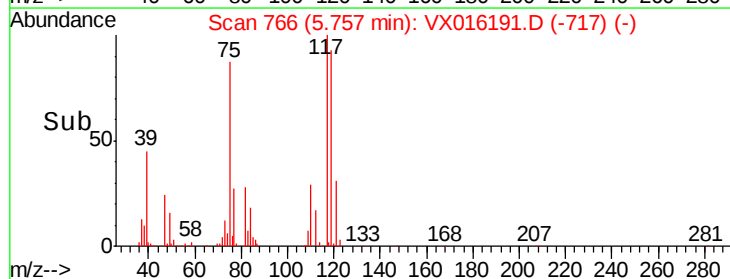
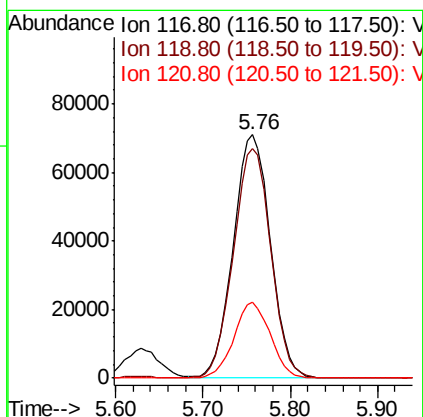
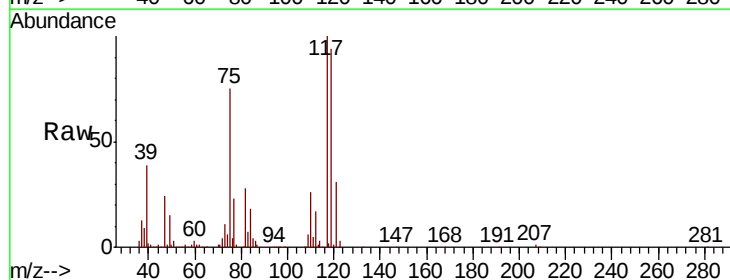
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

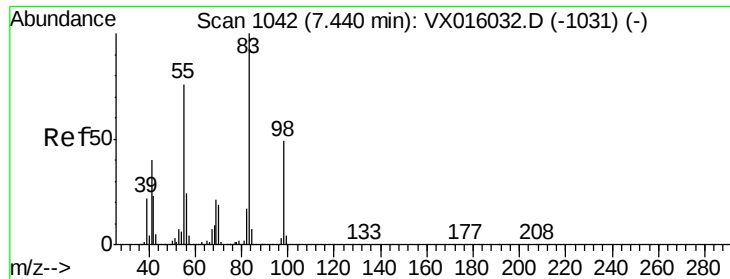
Tot Ion: 43 Resp: 213441
Ion Ratio Lower Upper
43 100
61 14.9 11.7 17.5
70 11.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 49.058 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 117 Resp: 209367
Ion Ratio Lower Upper
117 100
119 94.0 80.3 120.5
121 31.3 25.7 38.5

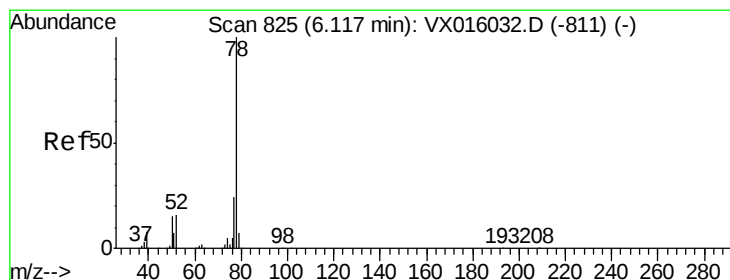
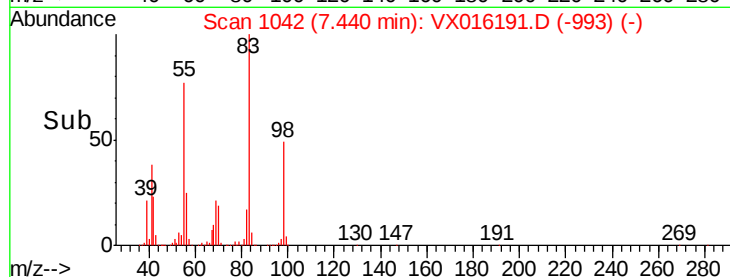
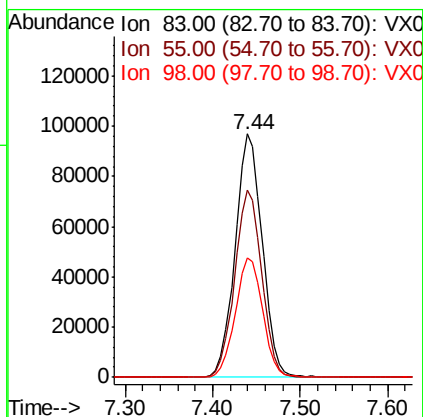
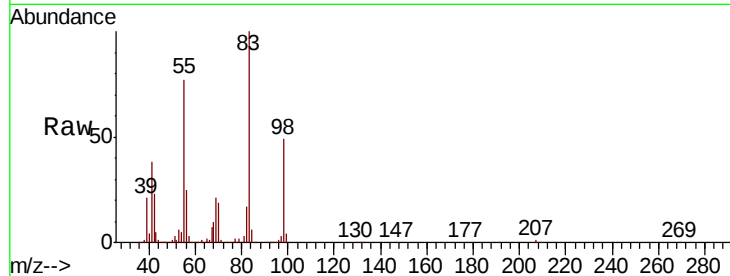




#39
Methvlcvclohexane
Concen: 41.281 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

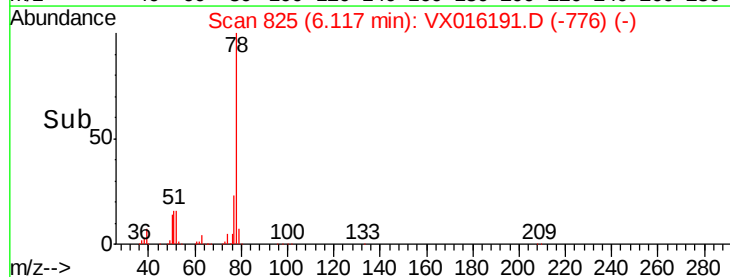
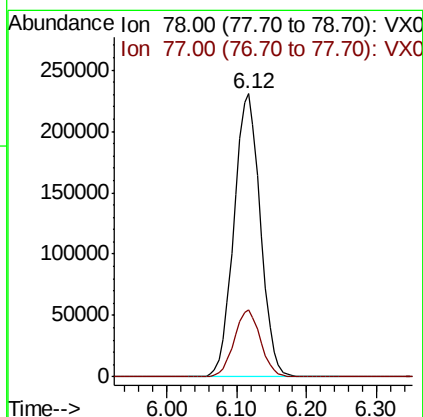
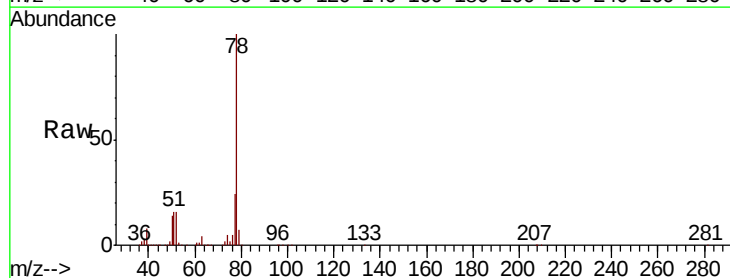
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

Tot Ion: 83 Resp: 208733
Ion Ratio Lower Upper
83 100
55 76.9 61.1 91.7
98 48.9 39.0 58.4



#40
Benzene
Concen: 49.134 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 78 Resp: 603621
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4

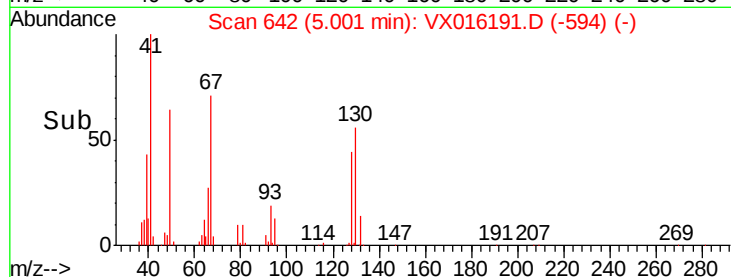
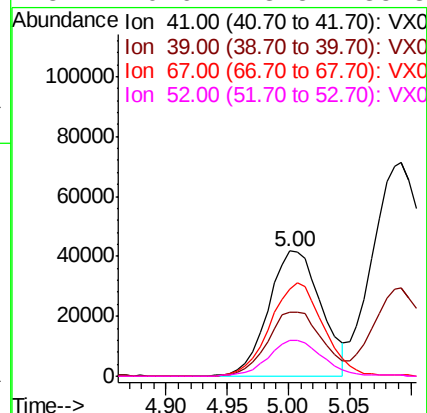
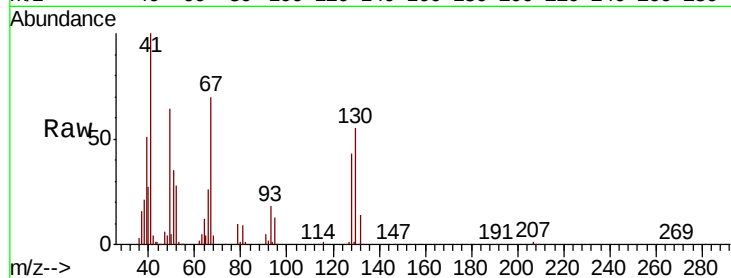




#41
Methacrylonitrile
Concen: 47.755 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

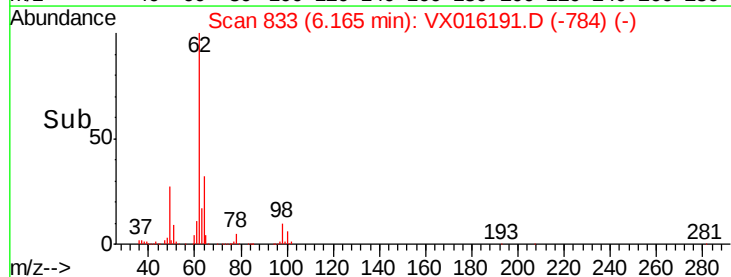
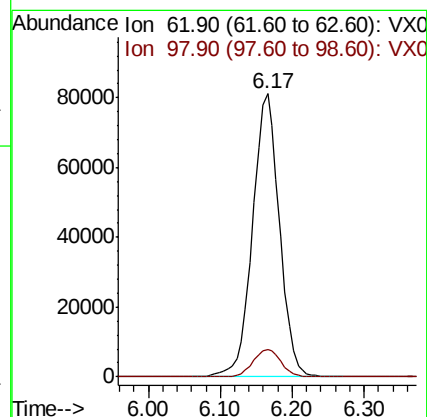
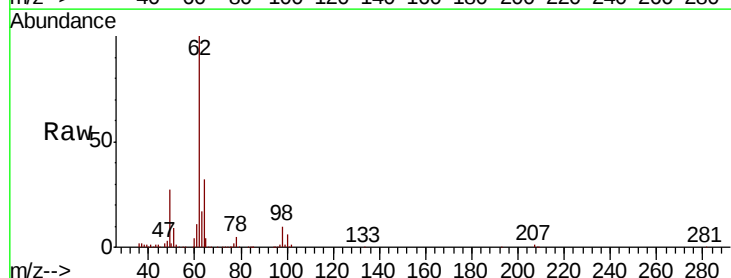
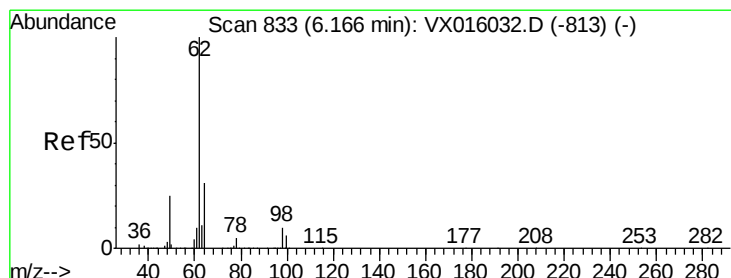
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

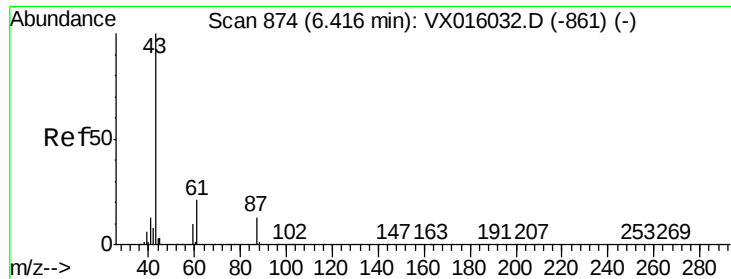
Tot Ion:	41	Resp:	125506
Ion	Ratio	Lower	Upper
41	100		
39	53.9	43.2	64.8
67	75.0	59.3	88.9
52	29.6	23.5	35.3



#42
1,2-Dichloroethane
Concen: 47.622 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion:	62	Resp:	210755
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.4



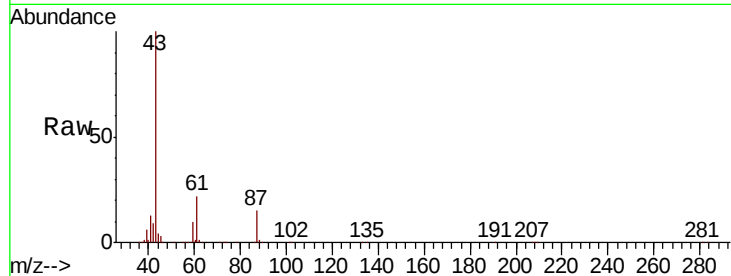


#43

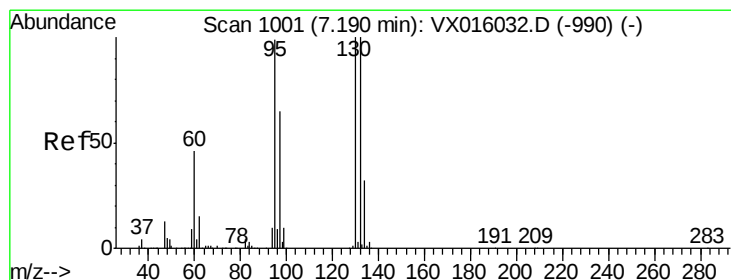
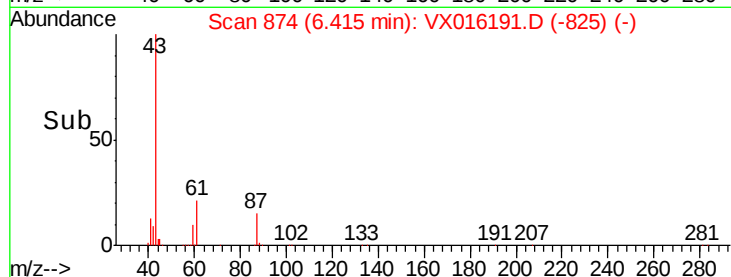
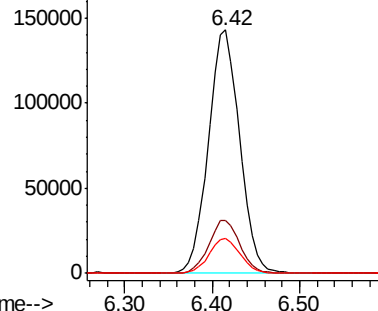
Isopropyl Acetate
 Concen: 45.654 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

Tot Ion	43	Resp	354486
Ion Ratio	Lower	Upper	
43	100		
61	21.8	17.0	25.4
87	14.4	11.0	16.6



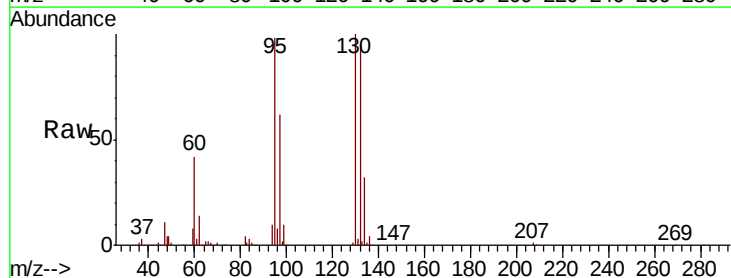
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



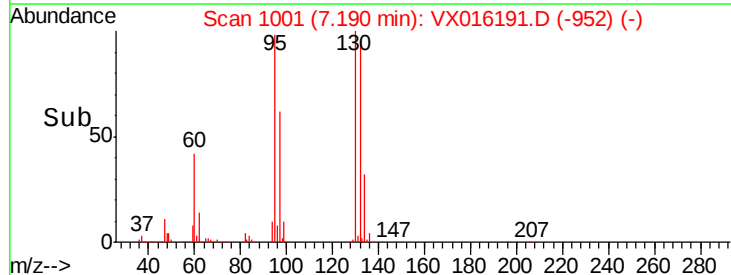
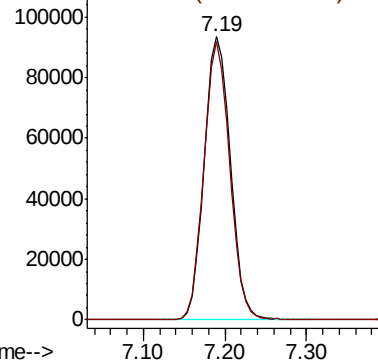
#44

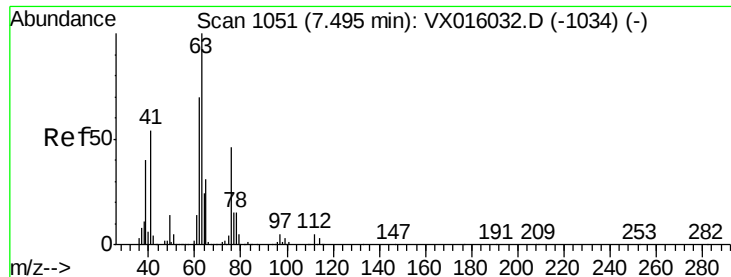
Trichloroethene
 Concen: 47.423 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion	130	Resp	206978
Ion Ratio	Lower	Upper	
130	100		
95	98.3	0.0	197.4



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





#45

1,2-Dichloropropane

Concen: 49.998 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

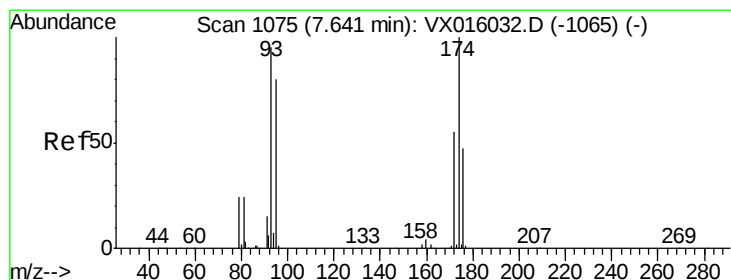
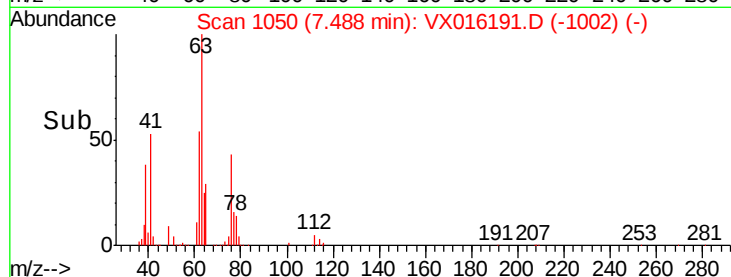
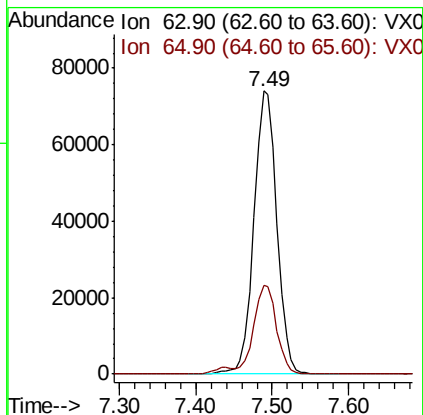
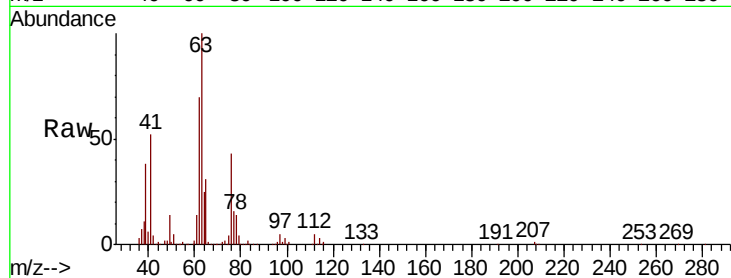
SS052MW765-200511MS

Tot Ion: 63 Resp: 155423

Ion Ratio Lower Upper

63 100

65 31.4 24.4 36.6



#46

Dibromomethane

Concen: 49.189 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

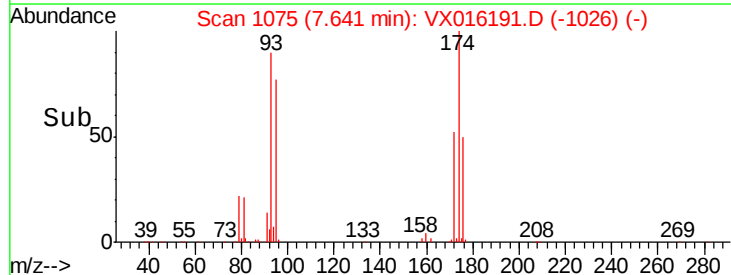
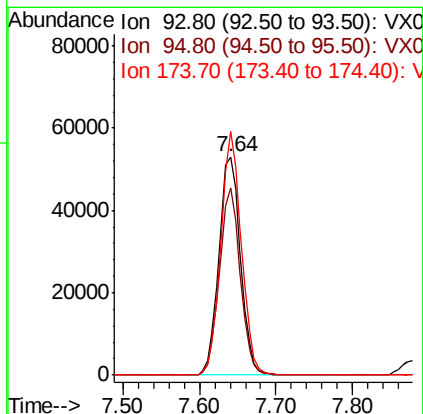
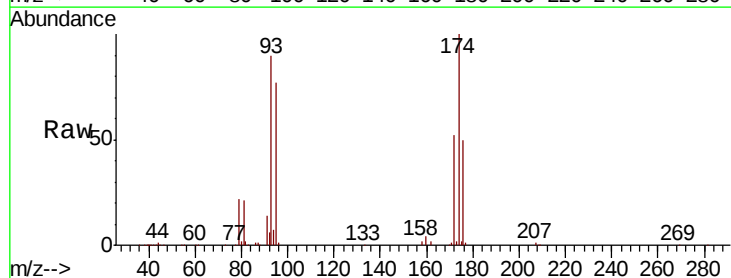
Tgt Ion: 93 Resp: 103912

Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 105.7 84.2 126.4





#47

Bromodichloromethane

Concen: 50.245 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

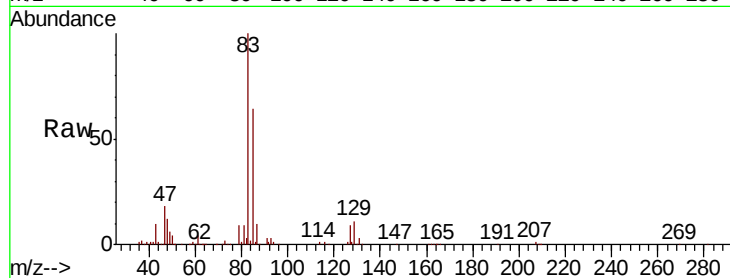
Tot Ion: 83 Resp: 216176

Ion Ratio Lower Upper

83 100

85 64.0 50.5 75.7

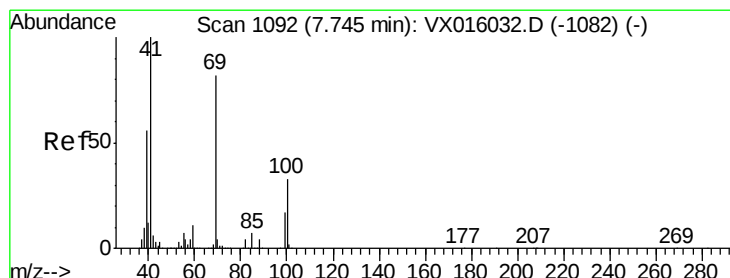
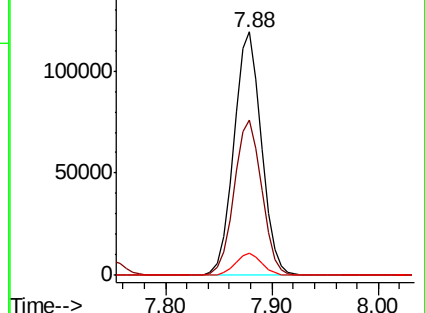
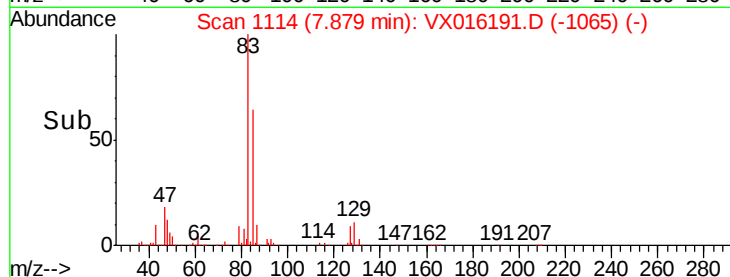
127 9.0 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.757 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

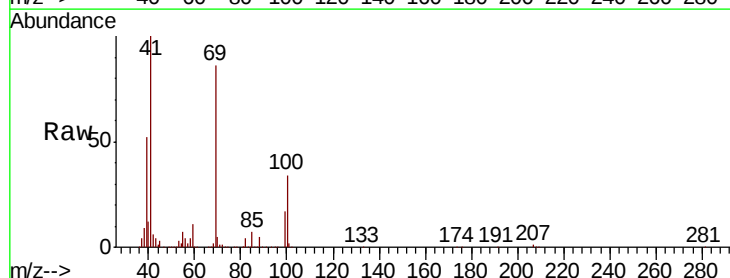
Tgt Ion: 41 Resp: 175711

Ion Ratio Lower Upper

41 100

69 88.2 67.8 101.6

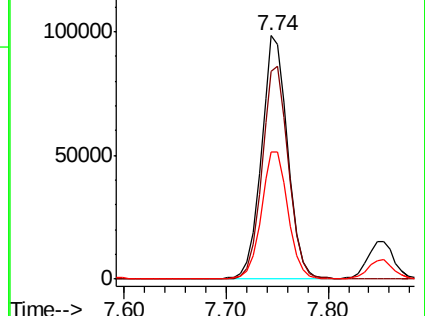
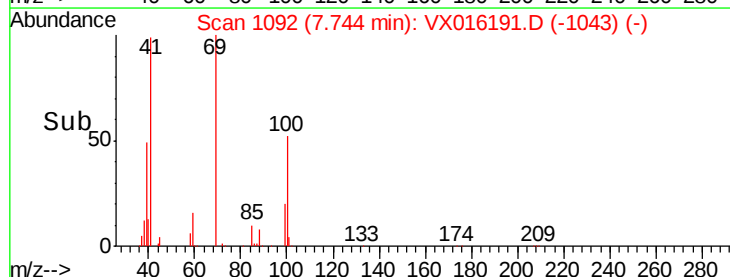
39 53.1 44.6 67.0

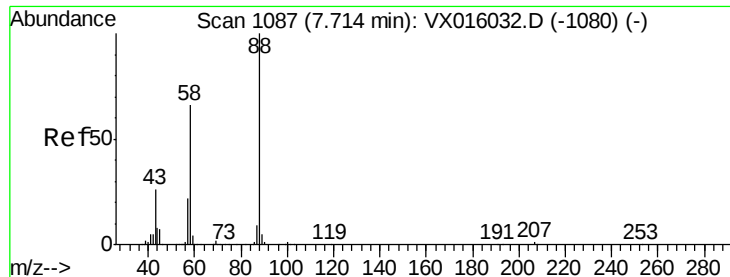


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 940.679 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

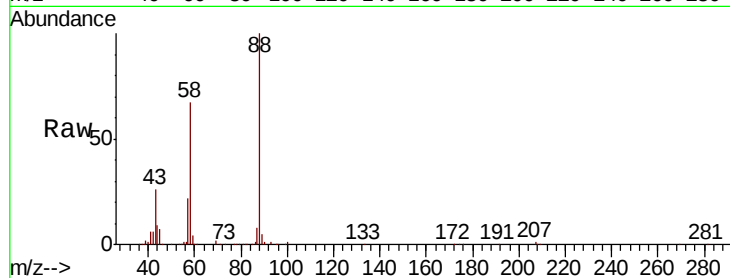
Tot Ion: 88 Resp: 83006

Ion Ratio Lower Upper

88 100

43 30.6 25.3 37.9

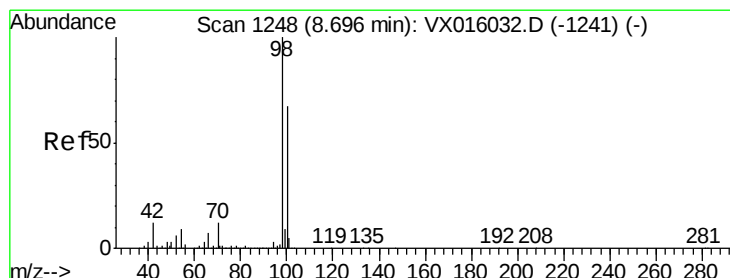
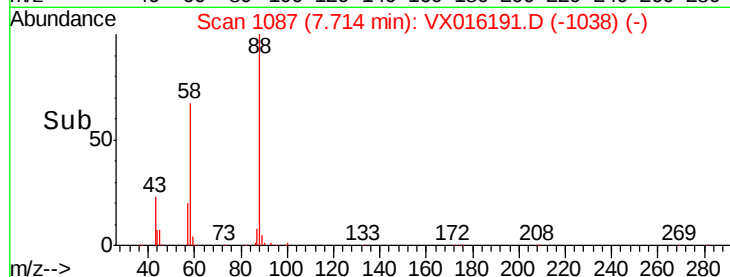
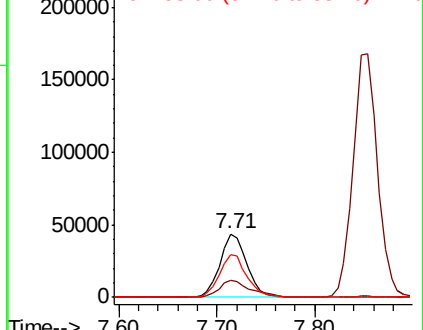
58 69.6 55.9 83.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.000 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016191.D

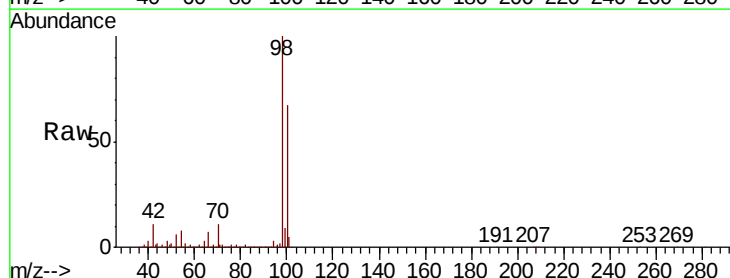
Acq: 13 May 2020 19:37

Tgt Ion: 98 Resp: 499795

Ion Ratio Lower Upper

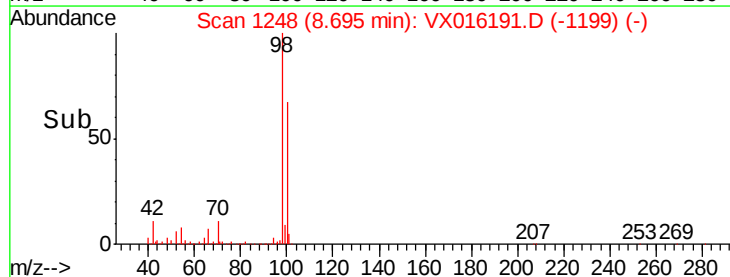
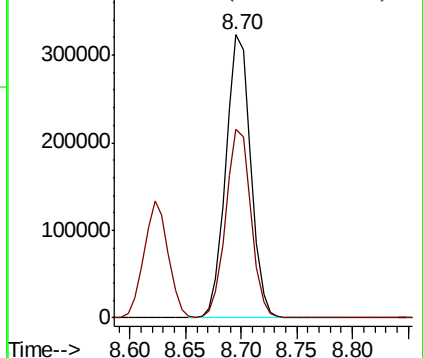
98 100

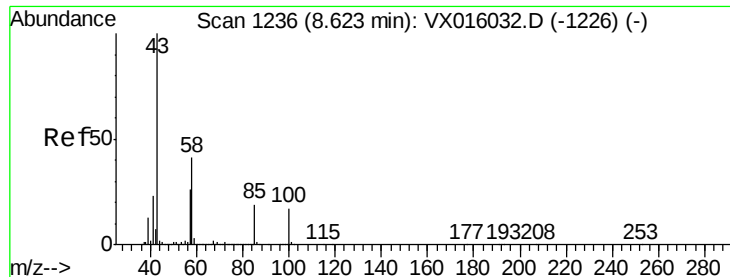
100 67.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

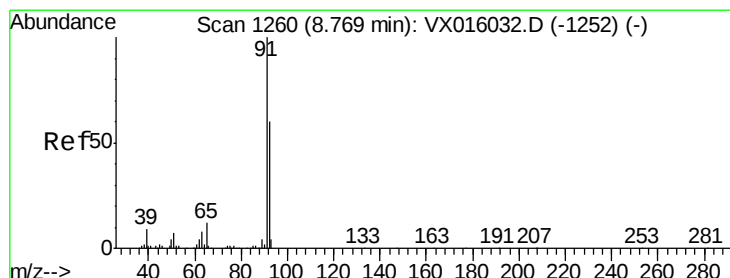
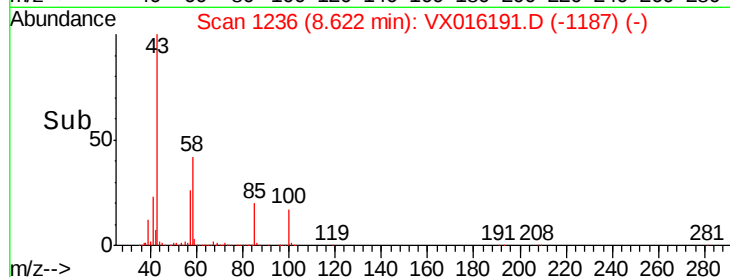
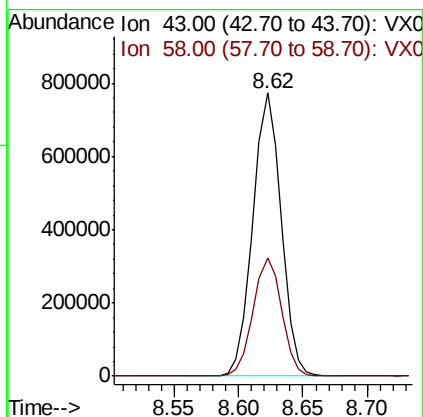
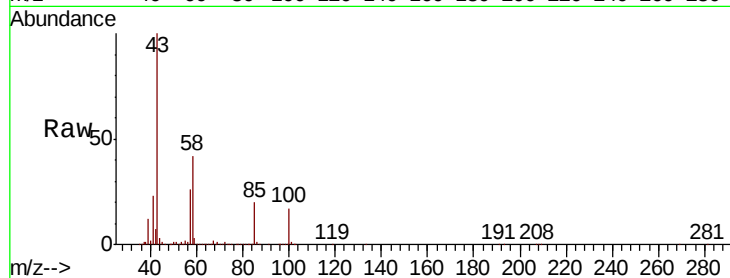




#51
4-Methyl-2-Pentanone
Concen: 246.305 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

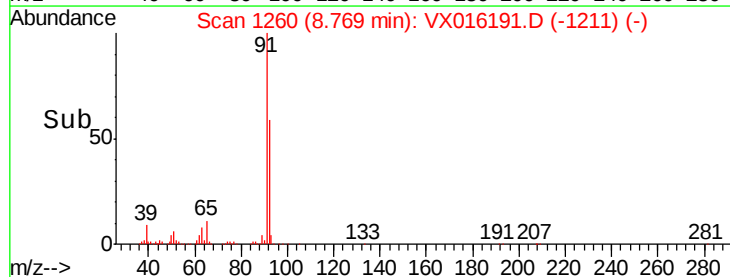
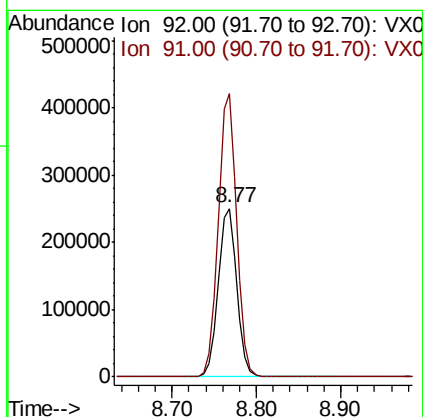
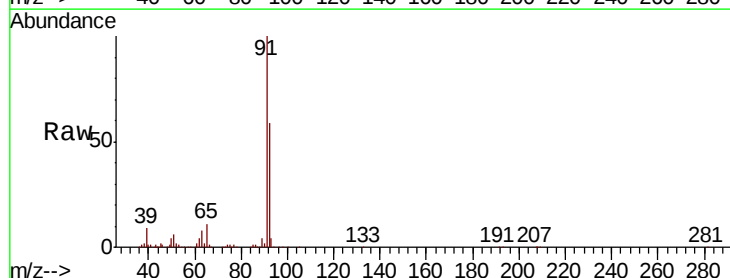
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

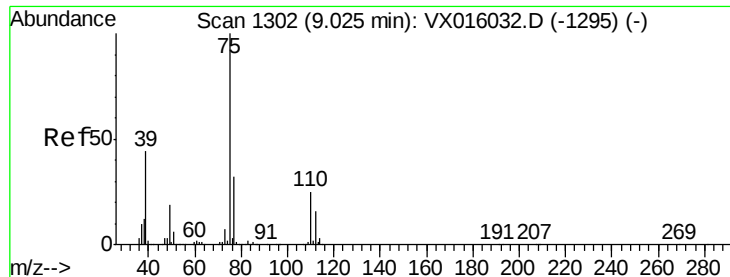
Tot Ion: 43 Resp: 1170316
Ion Ratio Lower Upper
43 100
58 42.2 33.0 49.4



#52
Toluene
Concen: 49.753 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 92 Resp: 380989
Ion Ratio Lower Upper
92 100
91 167.7 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.825 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

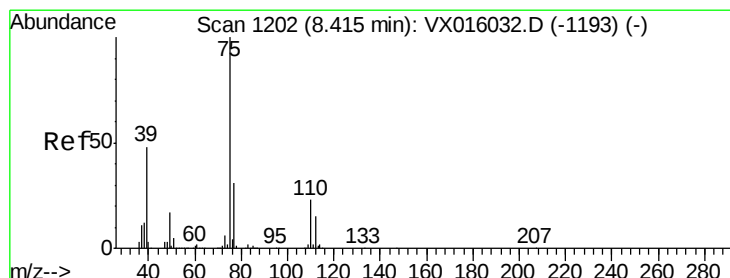
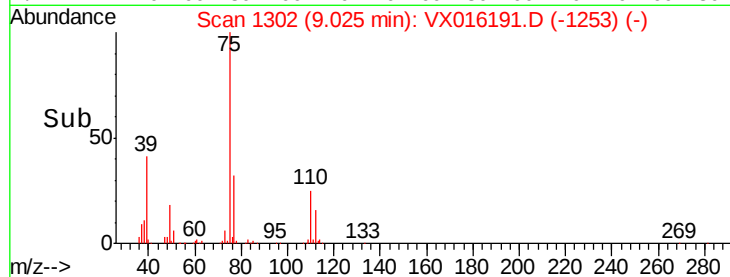
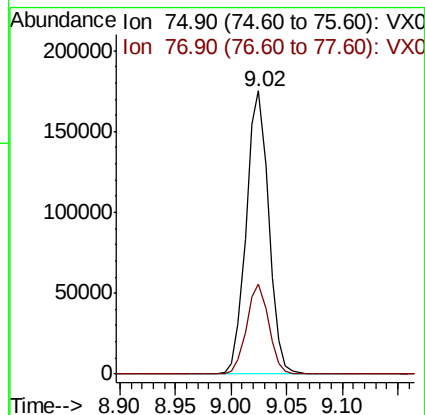
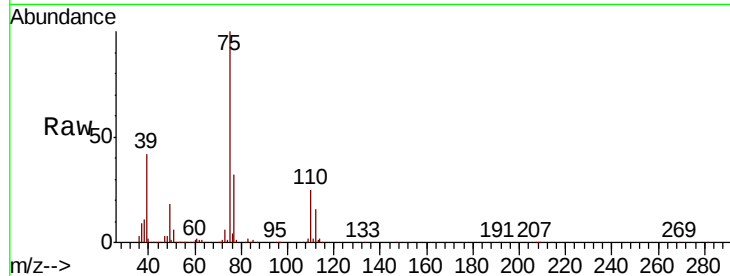
SS052MW765-200511MS

Tot Ion: 75 Resp: 245337

Ion Ratio Lower Upper

75 100

77 31.6 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 47.731 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

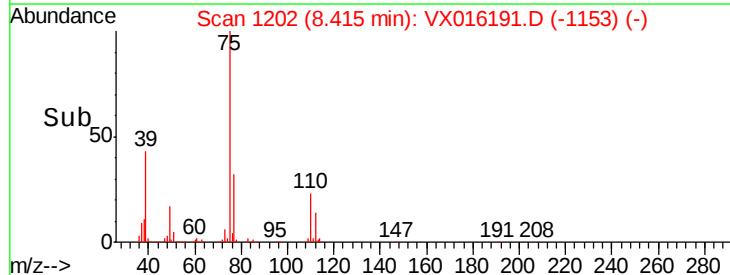
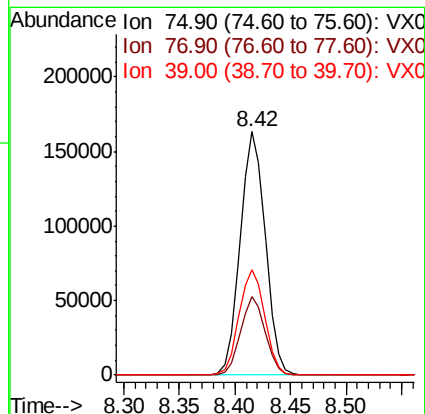
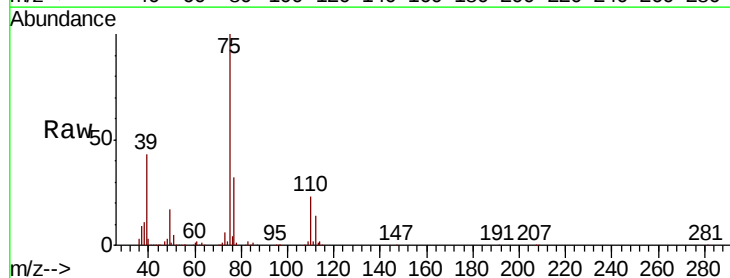
Tgt Ion: 75 Resp: 255753

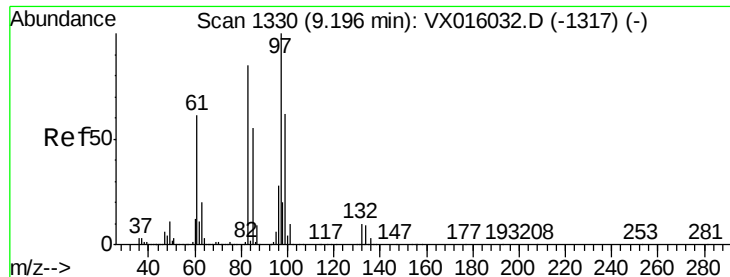
Ion Ratio Lower Upper

75 100

77 32.0 24.7 37.1

39 43.4 38.7 58.1

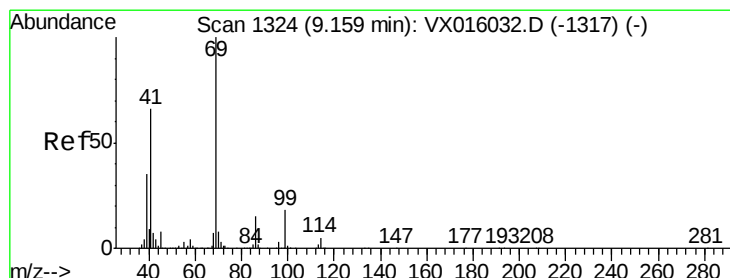
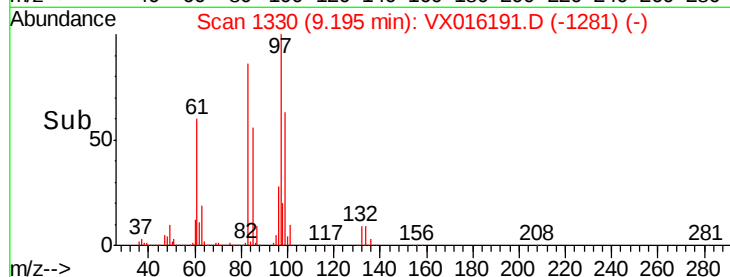
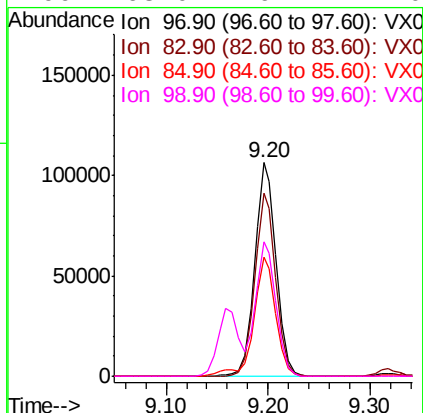
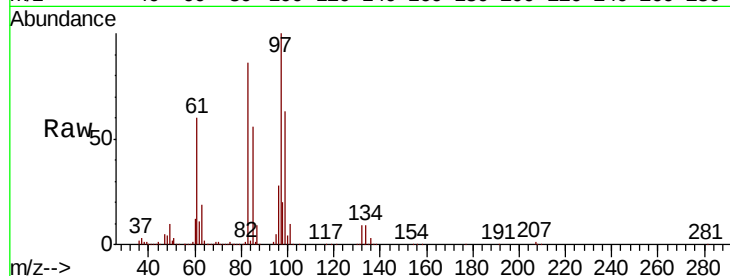




#55
 1,1,2-Trichloroethane
 Concen: 51.508 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

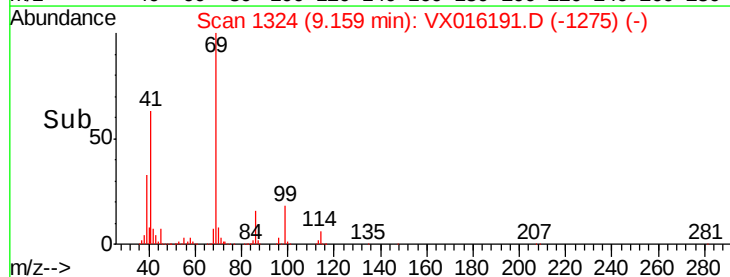
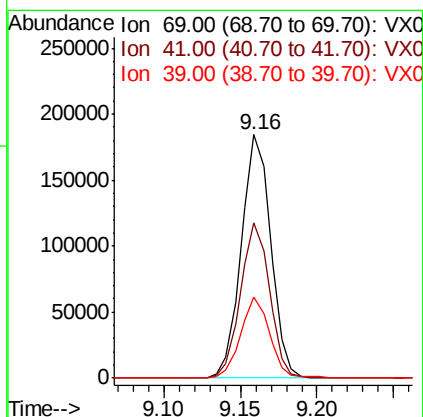
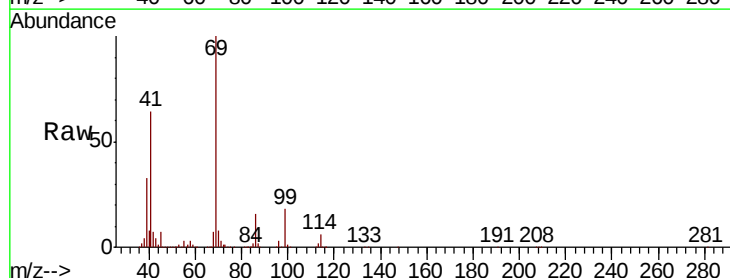
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

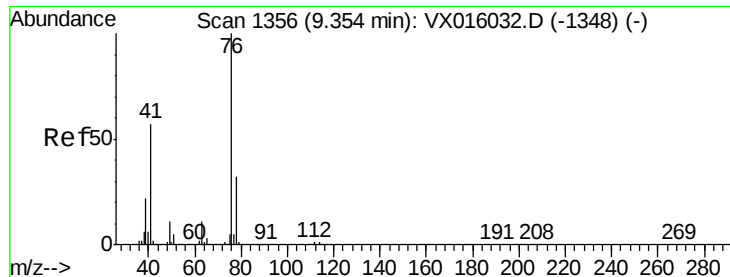
Tot Ion:	97	Resp:	155183
Ion	Ratio	Lower	Upper
97	100		
83	85.9	67.8	101.8
85	55.7	43.8	65.8
99	63.0	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 50.349 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion:	69	Resp:	247607
Ion	Ratio	Lower	Upper
69	100		
41	62.8	52.2	78.4
39	32.7	28.2	42.4





#57

1,3-Dichloropropane

Concen: 50.597 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

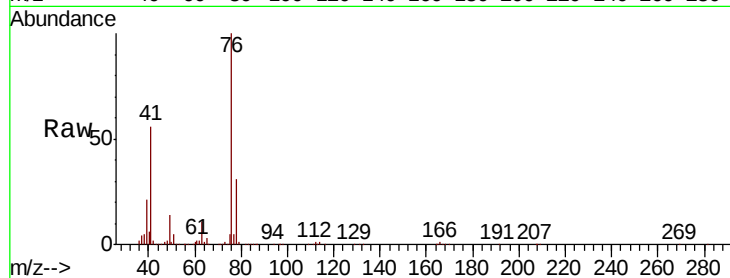
SS052MW765-200511MS

Tot Ion: 76 Resp: 265989

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

200000

150000

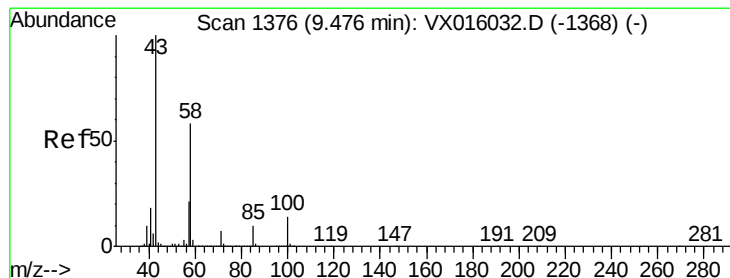
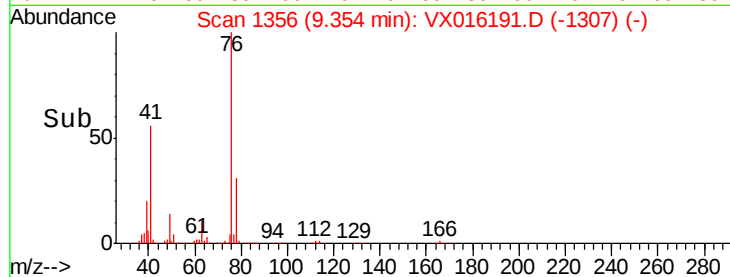
100000

50000

0

9.30 9.40

Time-->



#59

2-Hexanone

Concen: 242.846 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016191.D

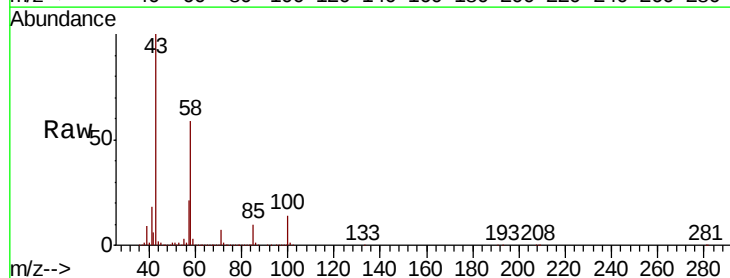
Acq: 13 May 2020 19:37

Tgt Ion: 43 Resp: 906169

Ion Ratio Lower Upper

43 100

58 58.8 28.6 85.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

800000

600000

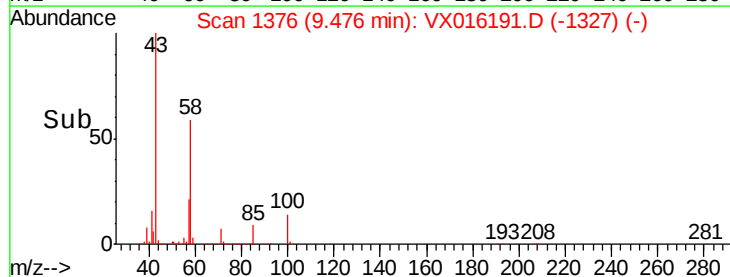
400000

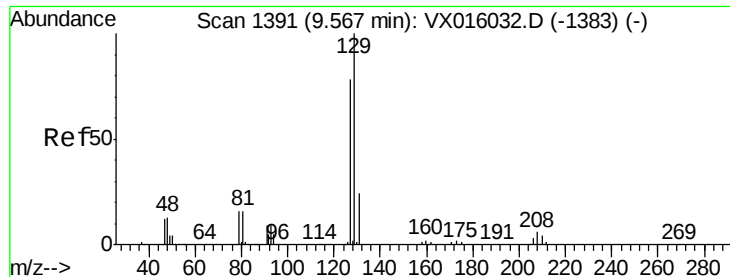
200000

0

9.30 9.40 9.50 9.60

Time-->

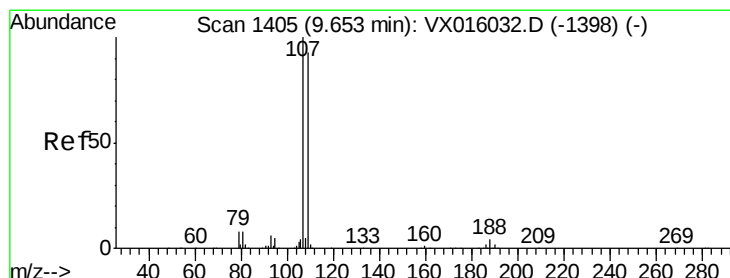
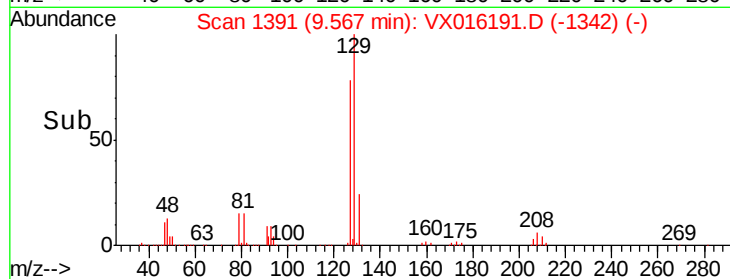
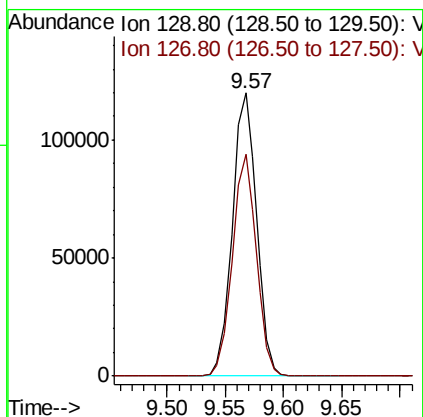
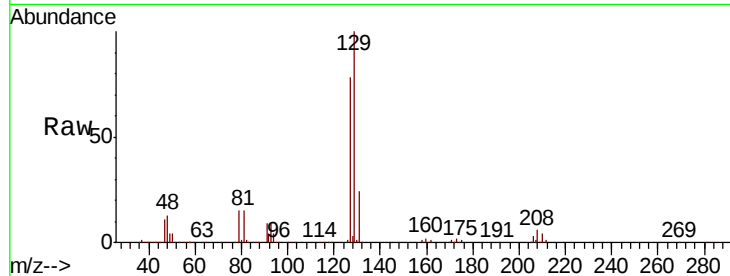




#60
 Dibromochloromethane
 Concen: 52.521 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

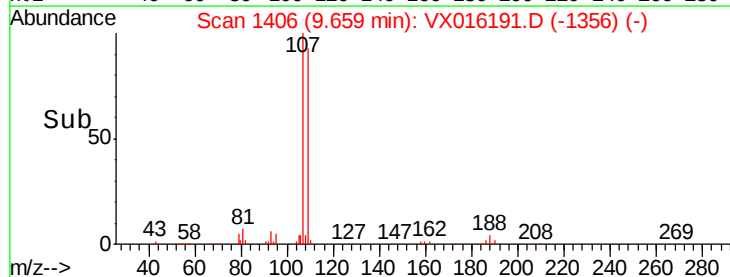
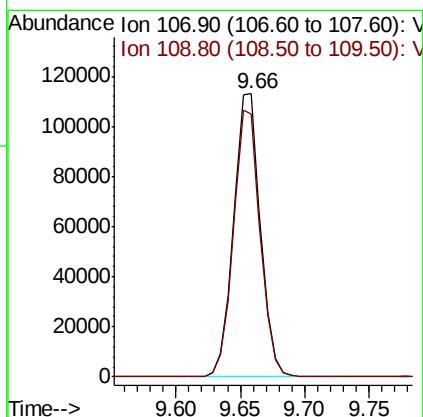
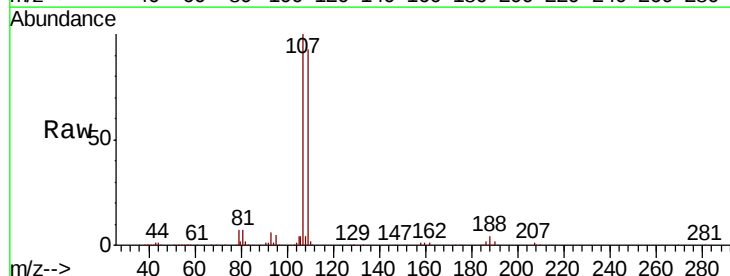
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

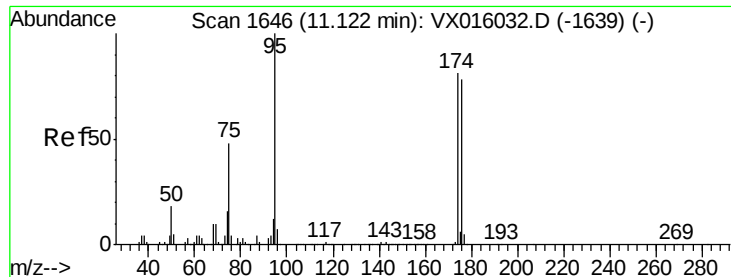
Tot Ion:129 Resp: 174272
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.4 115.2



#61
 1,2-Dibromoethane
 Concen: 50.168 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion:107 Resp: 163719
 Ion Ratio Lower Upper
 107 100
 109 94.3 74.9 112.3





#62

4-Bromofluorobenzene

Concen: 49.366 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

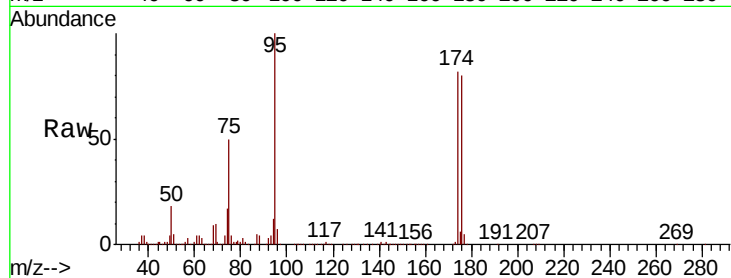
Tot Ion: 95 Resp: 195509

Ion Ratio Lower Upper

95 100

174 83.2 0.0 159.4

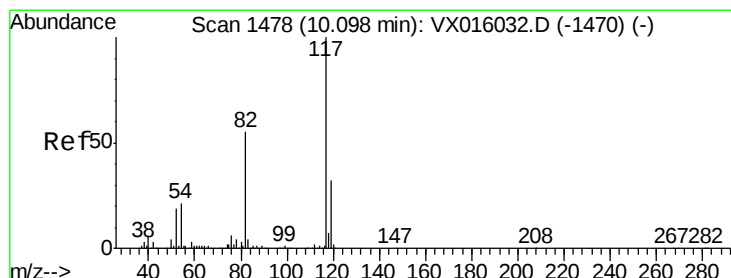
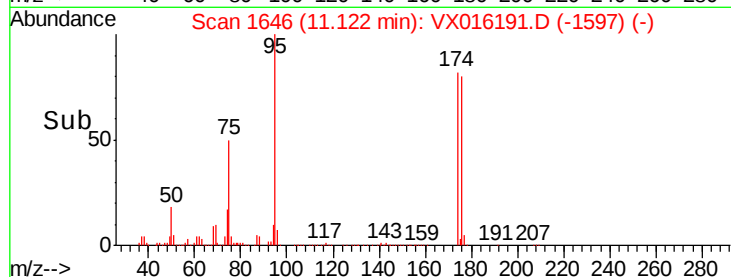
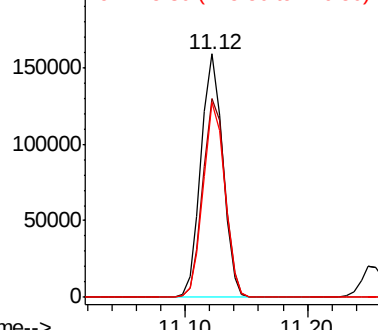
176 79.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

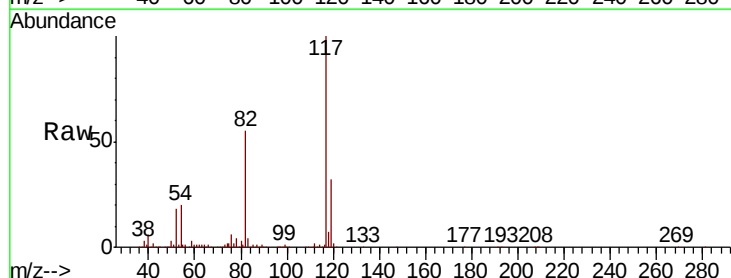
Tgt Ion: 117 Resp: 405109

Ion Ratio Lower Upper

117 100

82 55.0 44.4 66.6

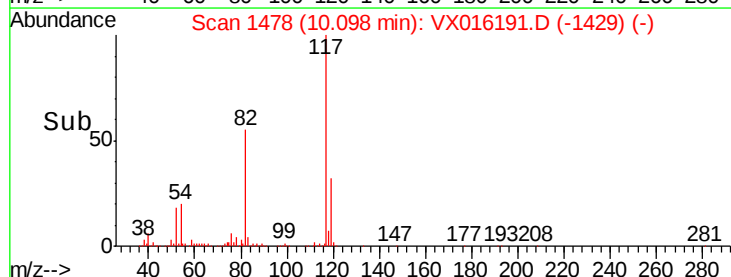
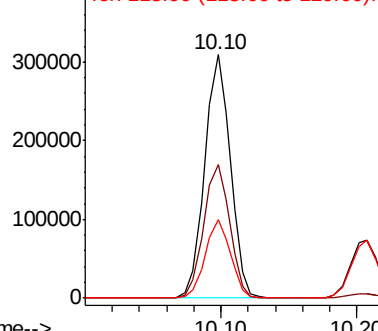
119 32.1 25.5 38.3

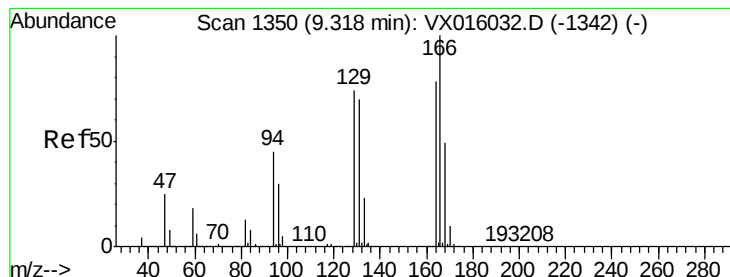


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0





#64

Tetrachloroethene

Concen: 45.961 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

Tot Ion:164 Resp: 228576

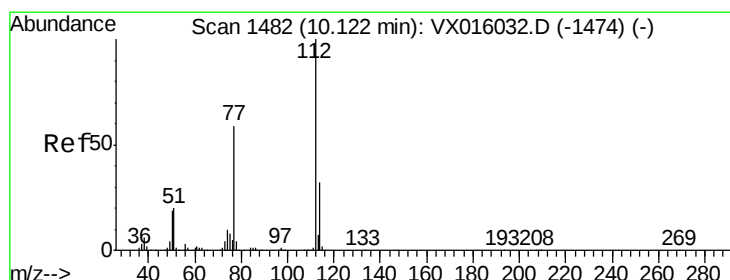
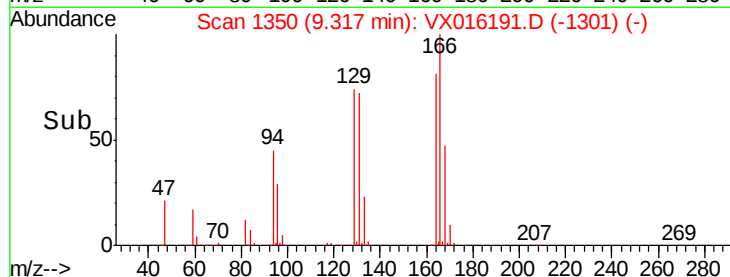
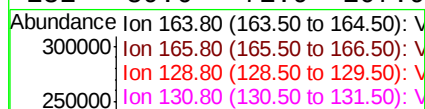
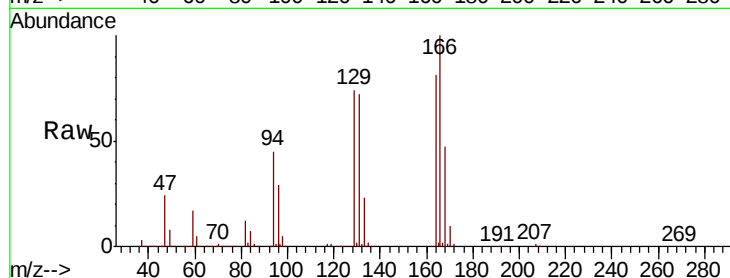
Ion Ratio Lower Upper

164 100

166 123.9 102.9 154.3

129 92.1 76.1 114.1

131 89.6 71.9 107.9



#65

Chlorobenzene

Concen: 47.944 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016191.D

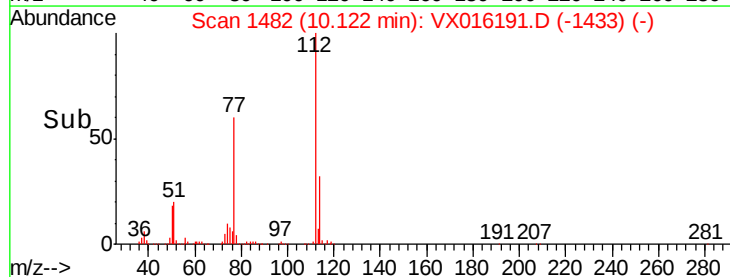
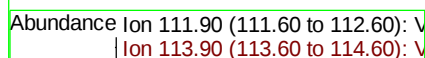
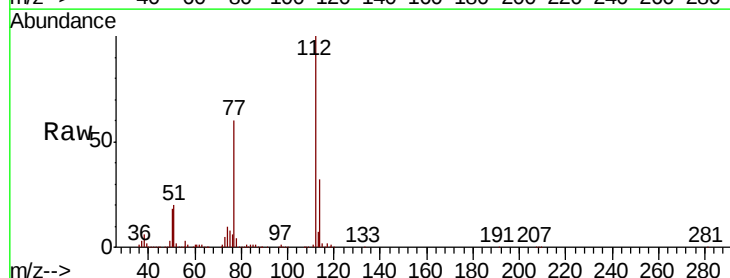
Acq: 13 May 2020 19:37

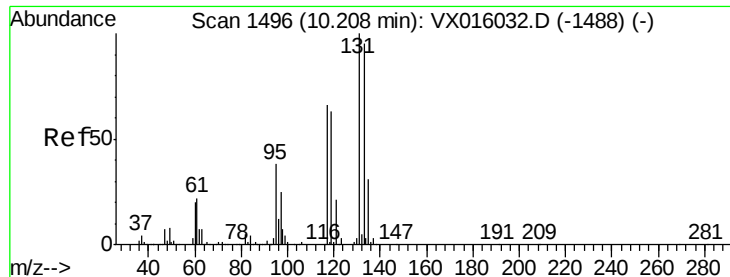
Tgt Ion:112 Resp: 406682

Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5





#66

1,1,1,2-Tetrachloroethane

Concen: 50.336 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

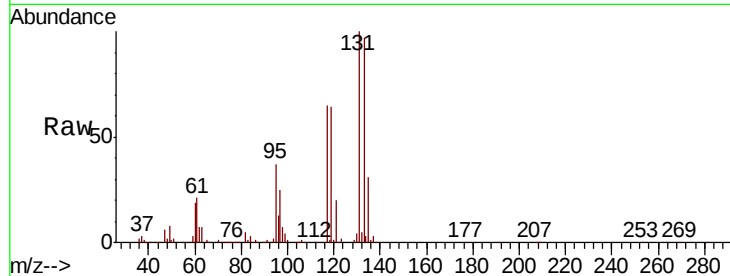
Tot Ion:131 Resp: 157816

Ion Ratio Lower Upper

131 100

133 95.9 48.3 144.8

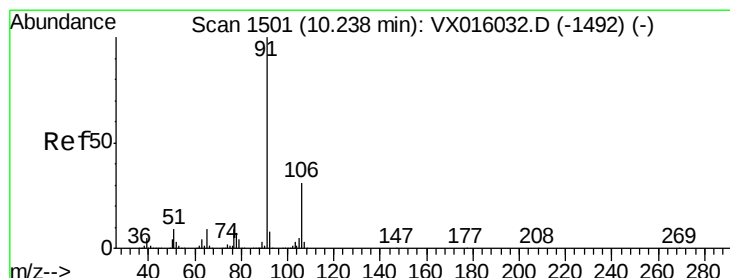
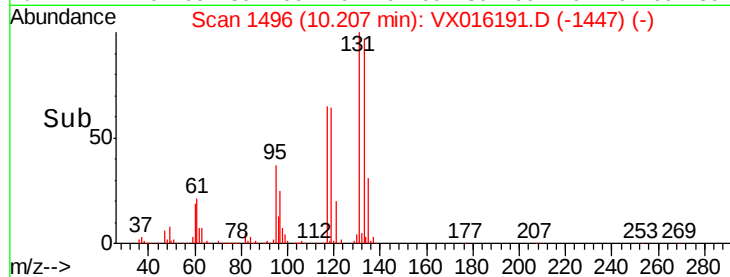
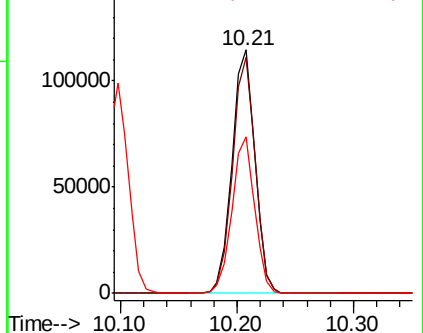
119 63.7 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 47.686 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016191.D

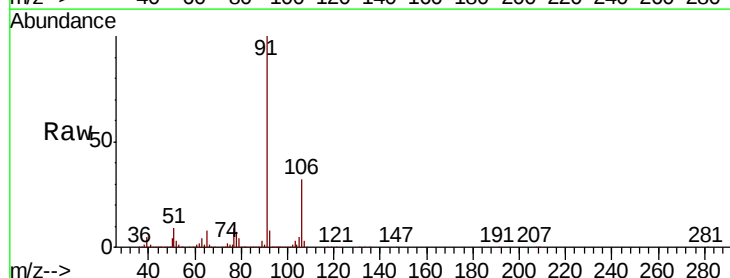
Acq: 13 May 2020 19:37

Tgt Ion: 91 Resp: 721723

Ion Ratio Lower Upper

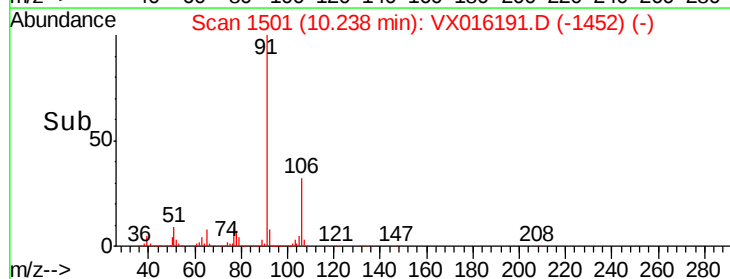
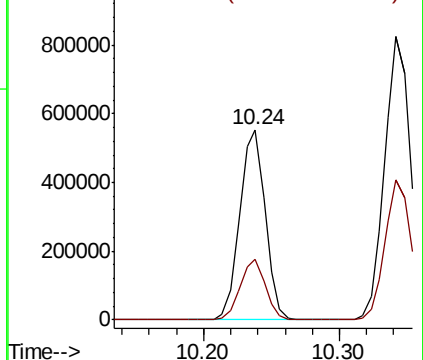
91 100

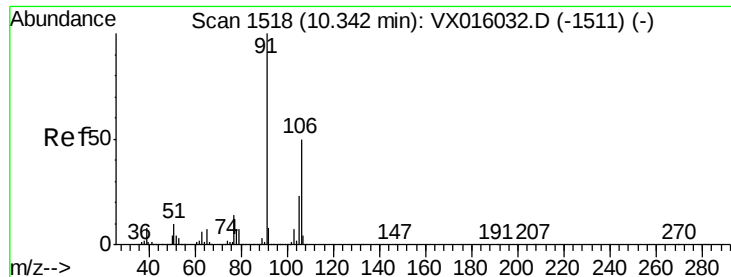
106 32.0 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

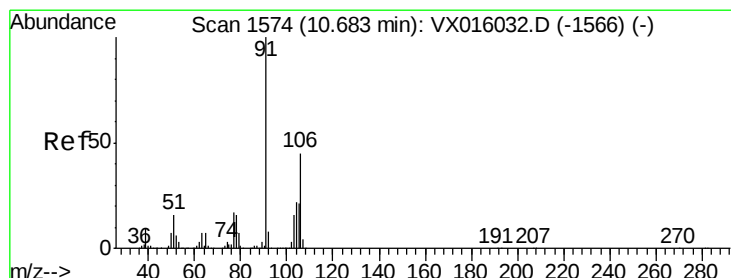
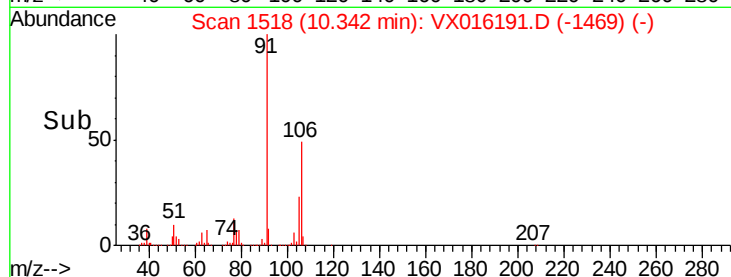
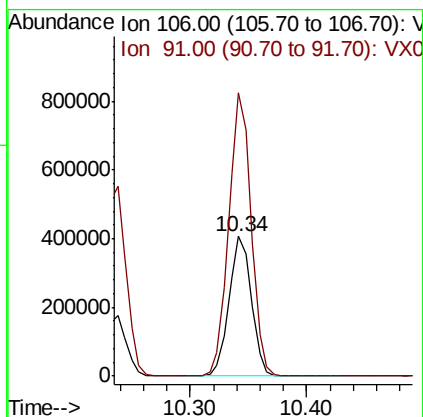
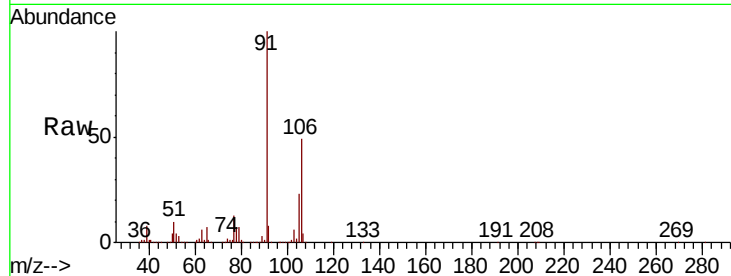




#68
m/p-Xylenes
Concen: 95.907 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

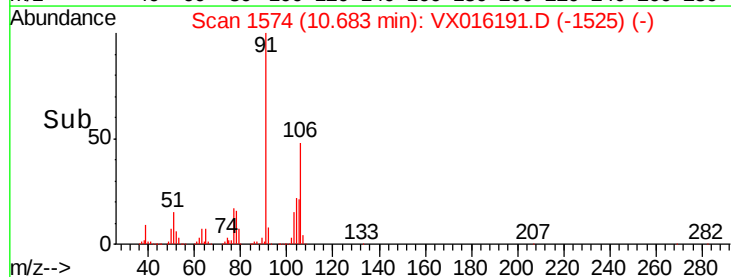
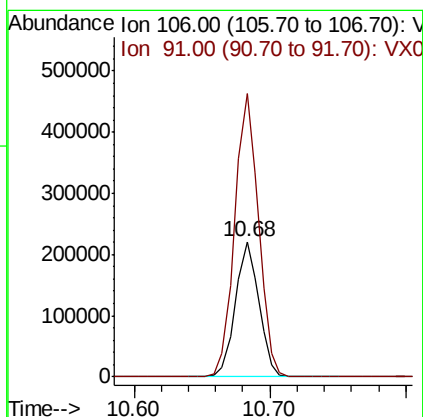
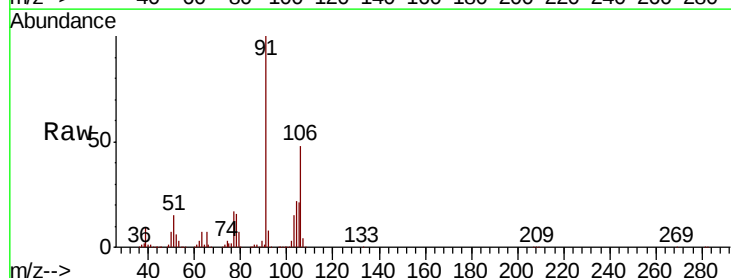
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

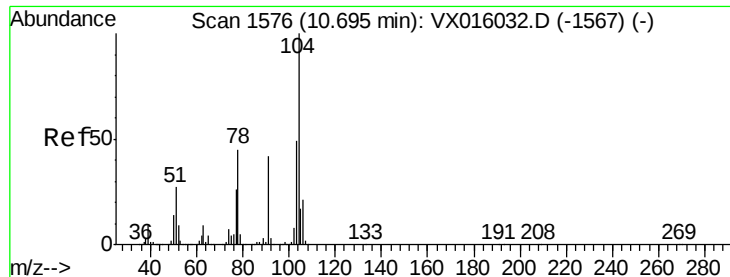
Tot Ion:106 Resp: 543842
Ion Ratio Lower Upper
106 100
91 202.3 161.7 242.5



#69
o-Xylene
Concen: 48.762 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion:106 Resp: 265788
Ion Ratio Lower Upper
106 100
91 211.9 107.5 322.6

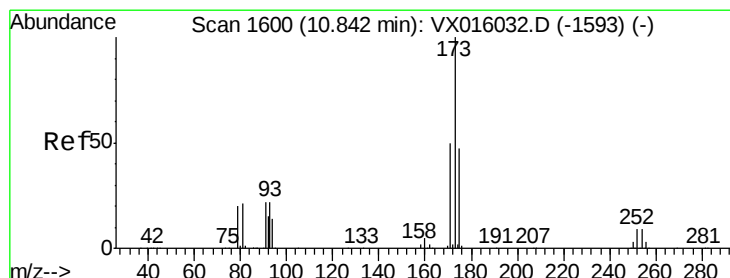
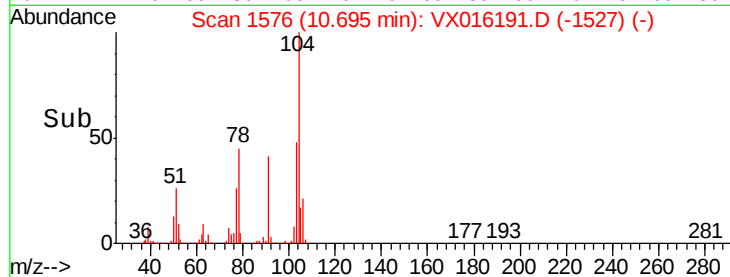
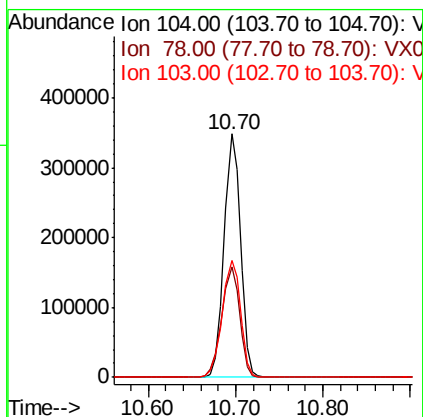
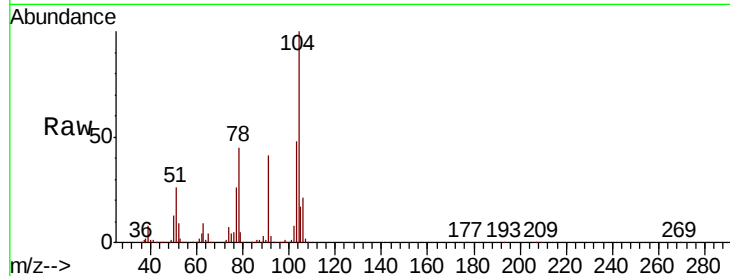




#70
Stvrene
Concen: 48.897 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

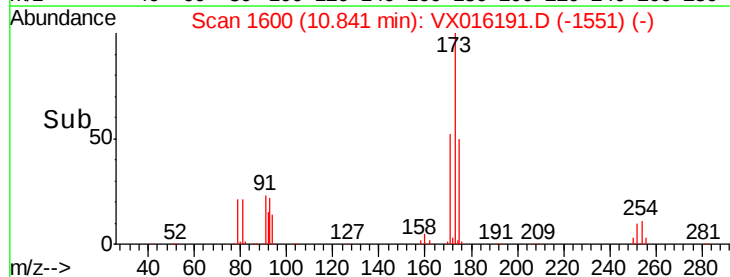
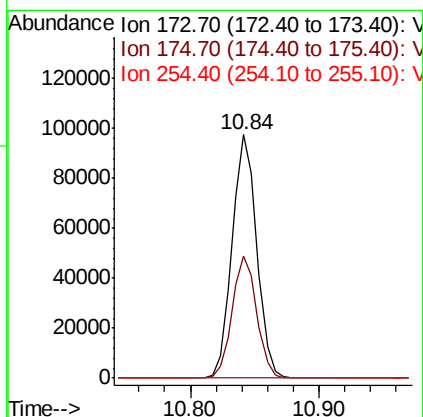
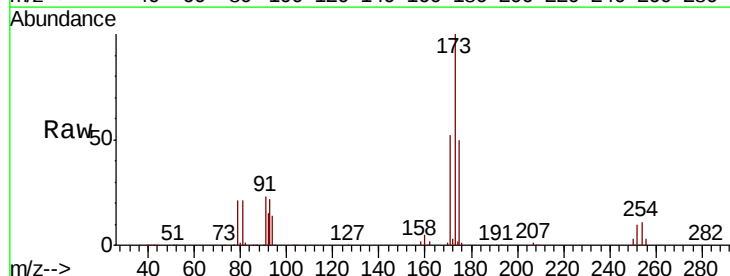
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

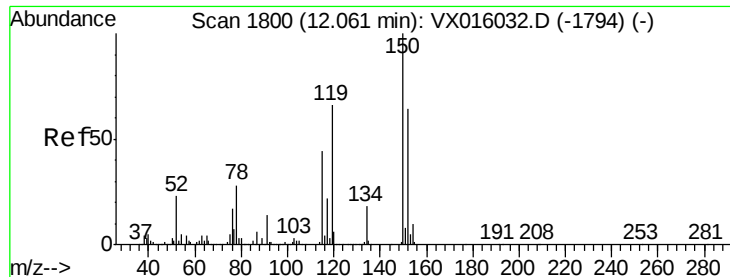
Tot Ion	Ratio	Lower	Upper
104	100		
78	49.7	40.2	60.2
103	53.4	43.0	64.6



#71
Bromoform
Concen: 50.920 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.0	72.0
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: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

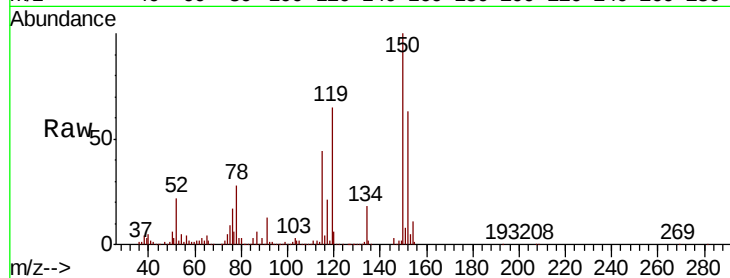
Tot Ion:152 Resp: 206321

Ion Ratio Lower Upper

152 100

115 80.6 41.3 124.1

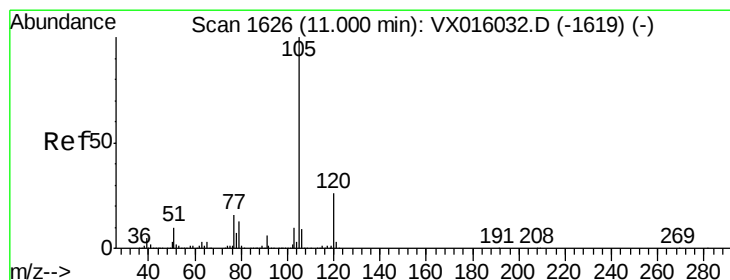
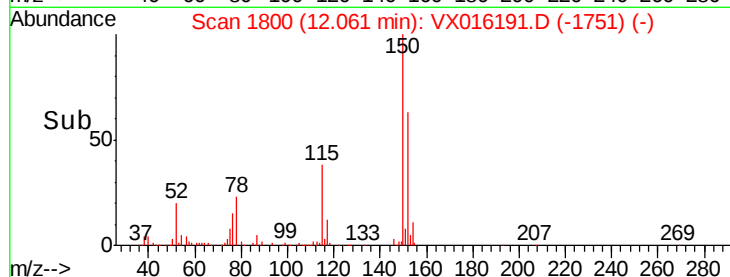
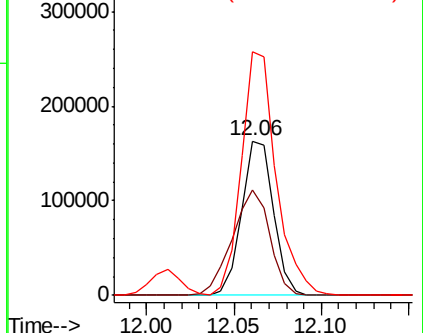
150 171.9 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 46.948 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016191.D

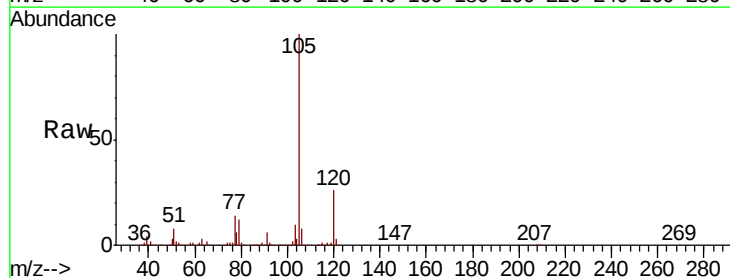
Acq: 13 May 2020 19:37

Tgt Ion:105 Resp: 704533

Ion Ratio Lower Upper

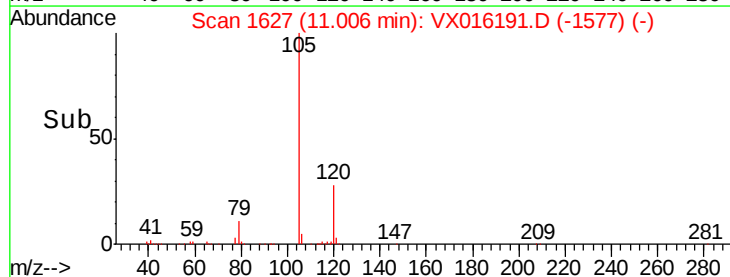
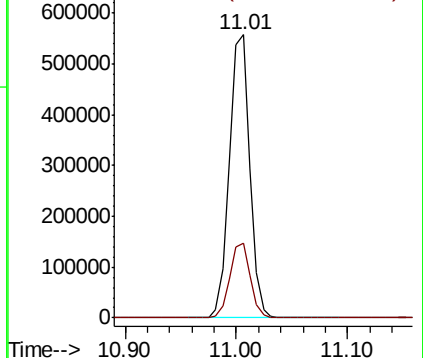
105 100

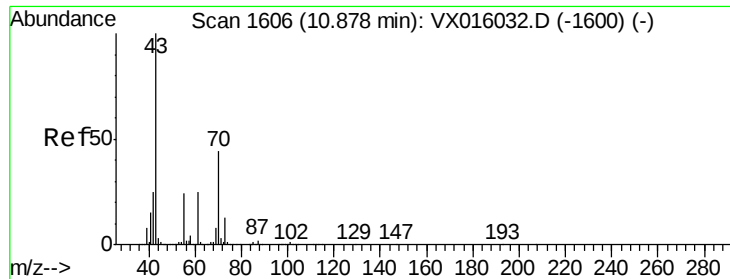
120 26.2 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 42.244 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

Tot Ion: 43 Resp: 295699

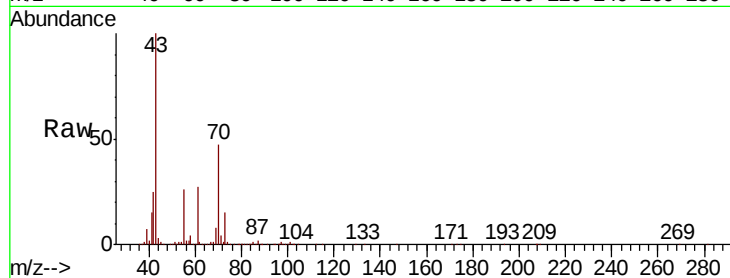
Ion Ratio Lower Upper

43 100

70 46.5 36.5 54.7

55 26.0 19.7 29.5

61 26.1 20.9 31.3

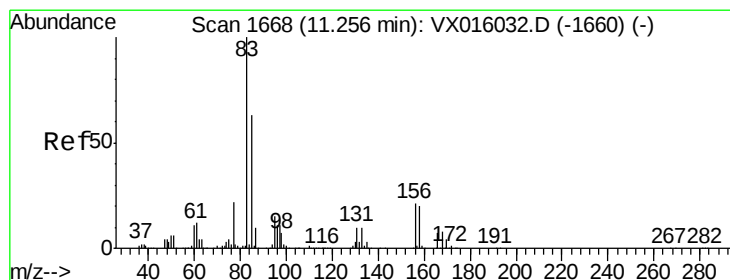
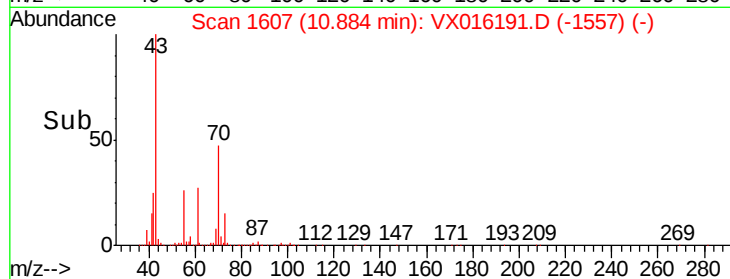
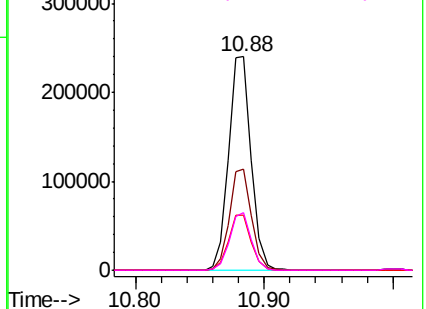


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 56.990 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

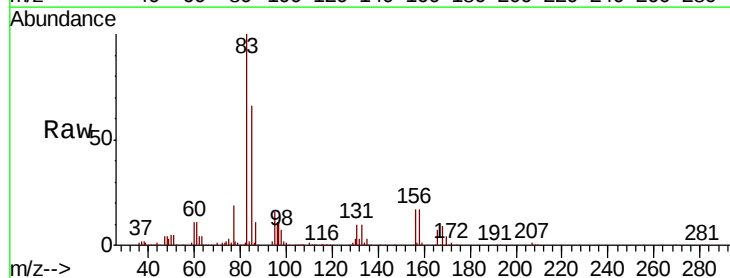
Tgt Ion: 83 Resp: 170985

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

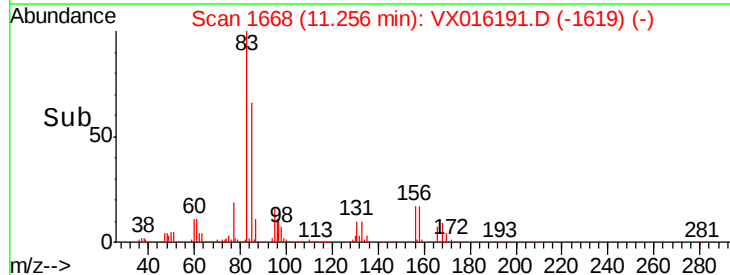
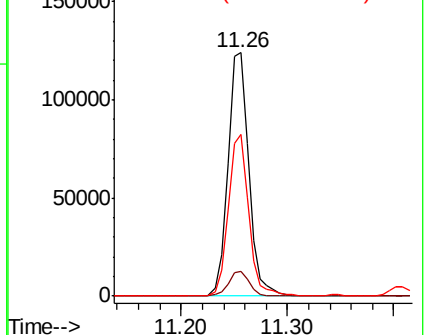
85 65.0 32.0 96.0

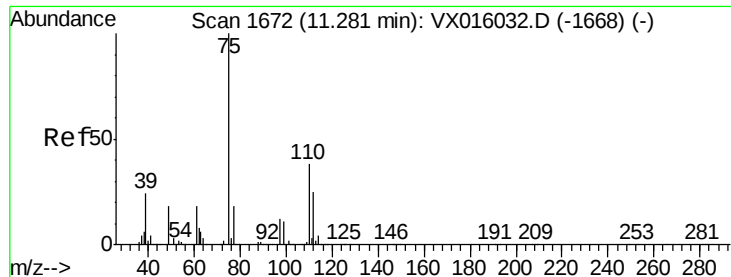


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 62.829 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

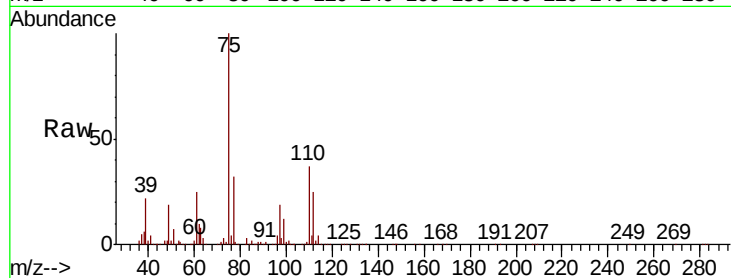
SS052MW765-200511MS

Tot Ion: 75 Resp: 294161

Ion Ratio Lower Upper

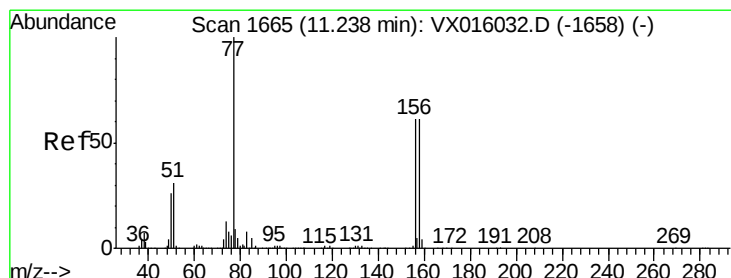
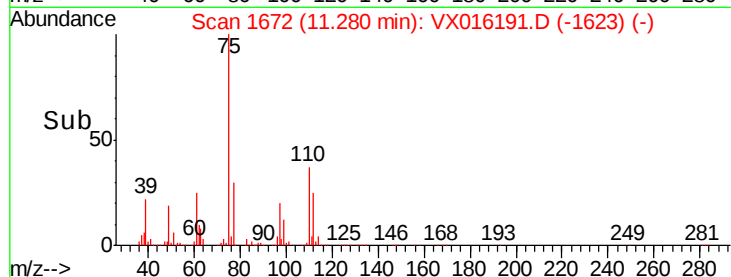
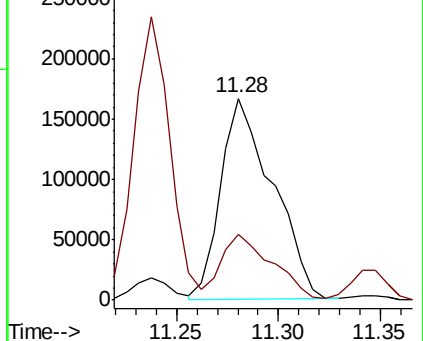
75 100

77 32.2 21.2 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 46.607 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

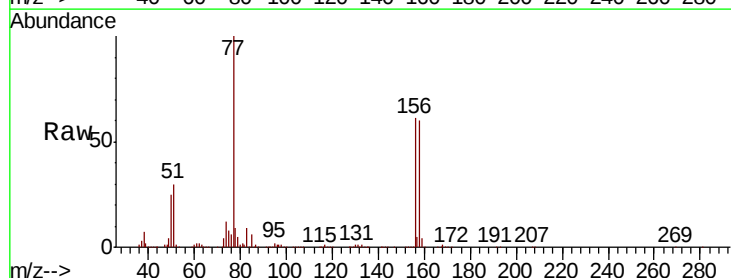
Tgt Ion: 156 Resp: 180531

Ion Ratio Lower Upper

156 100

77 160.9 80.1 240.3

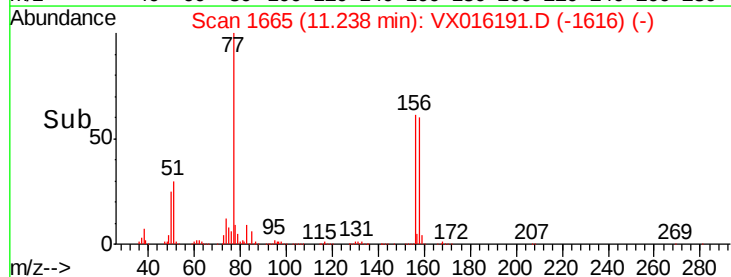
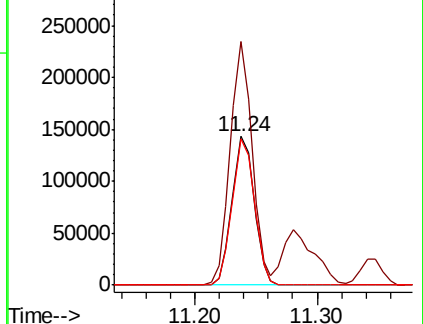
158 98.7 49.4 148.2

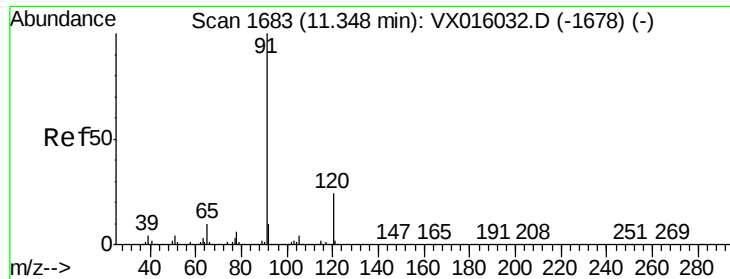


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 45.915 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

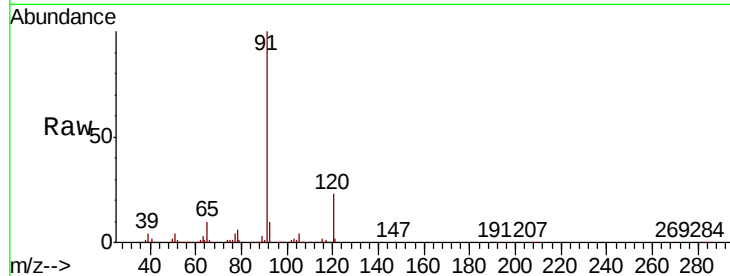
SS052MW765-200511MS

Tot Ion: 91 Resp: 801577

Ion Ratio Lower Upper

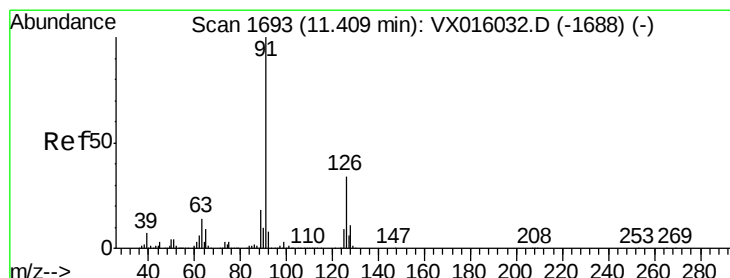
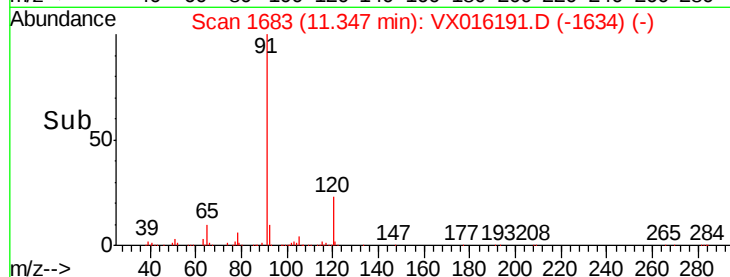
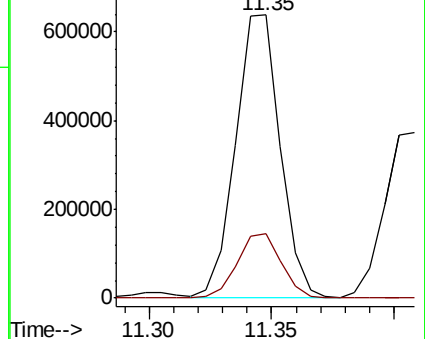
91 100

120 22.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.666 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX016191.D

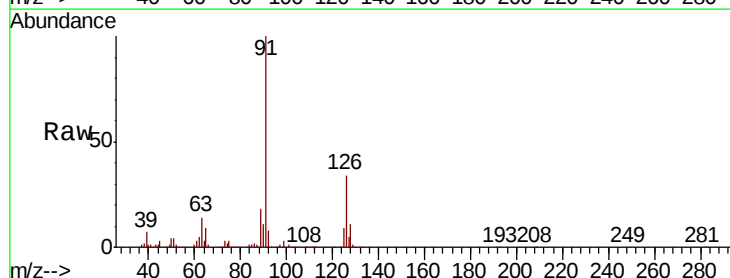
Acq: 13 May 2020 19:37

Tgt Ion: 91 Resp: 480887

Ion Ratio Lower Upper

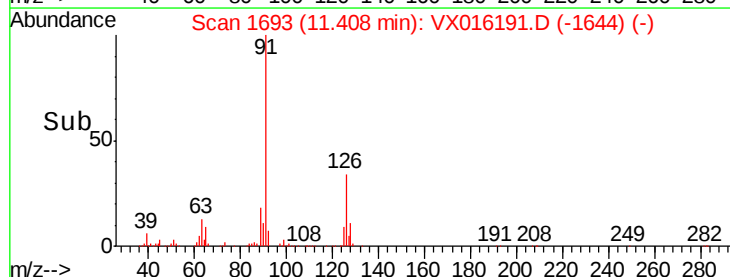
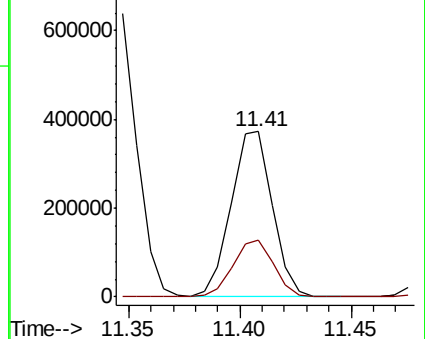
91 100

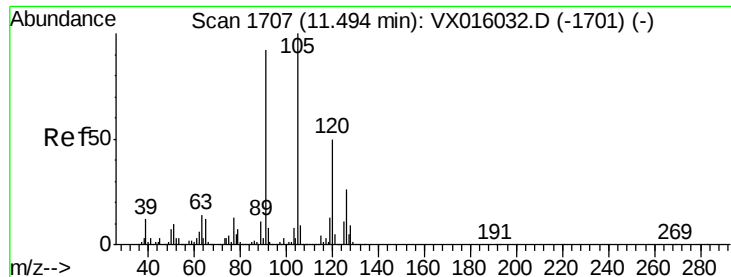
126 33.9 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 46.706 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

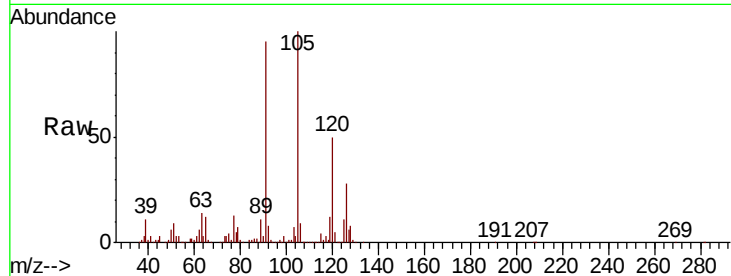
SS052MW765-200511MS

Tot Ion:105 Resp: 591787

Ion Ratio Lower Upper

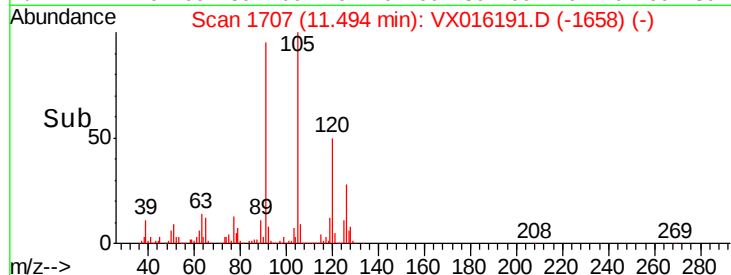
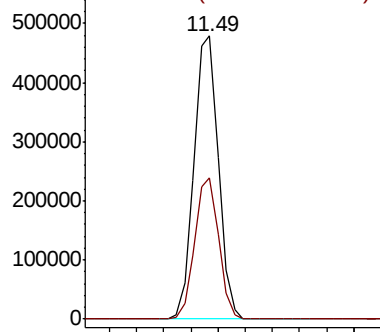
105 100

120 49.3 24.6 74.0

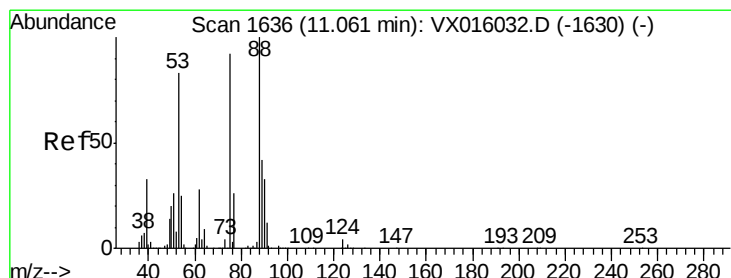


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 44.997 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

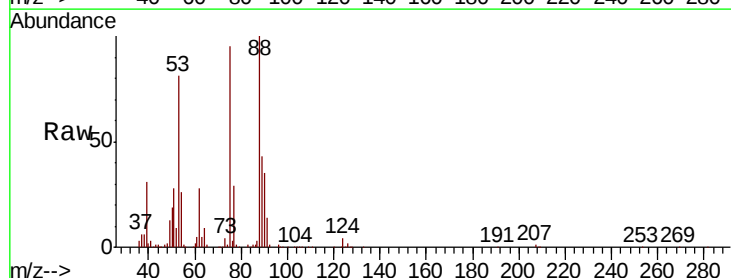
Tgt Ion: 75 Resp: 88403

Ion Ratio Lower Upper

75 100

53 87.8 73.1 109.7

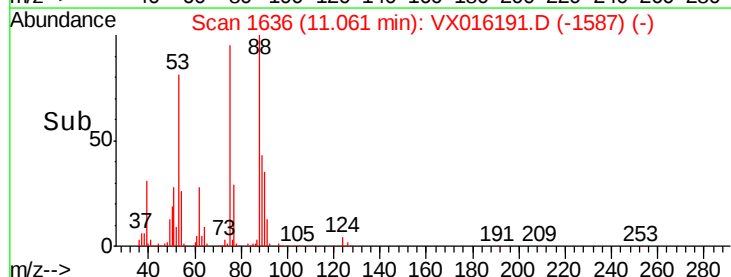
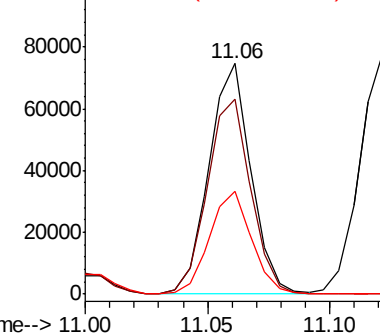
89 45.1 36.7 55.1



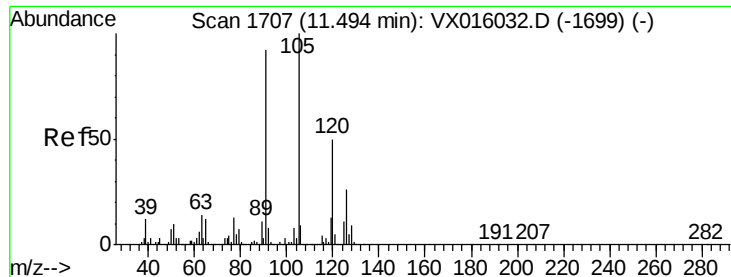
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



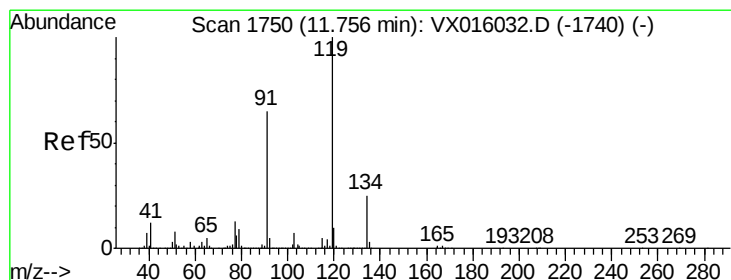
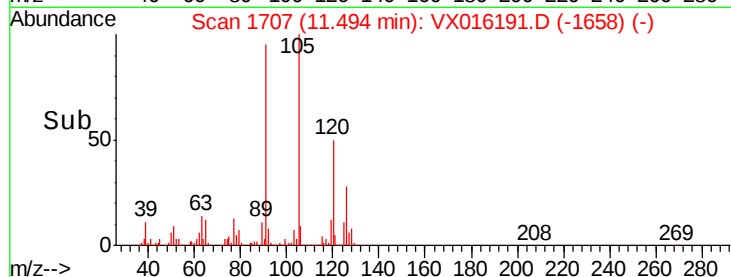
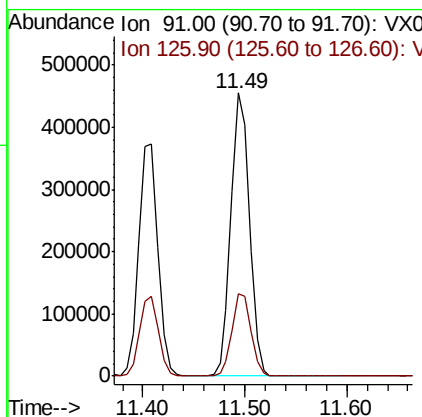
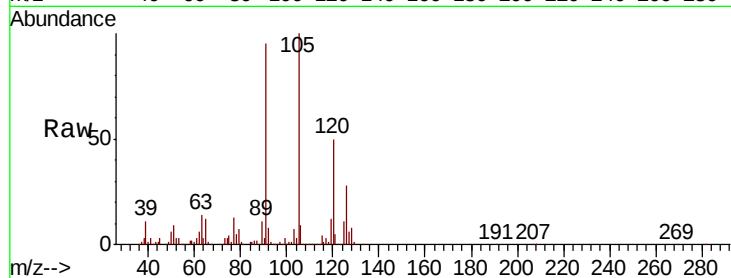
Time-->



#82
4-Chlorotoluene
Concen: 46.873 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

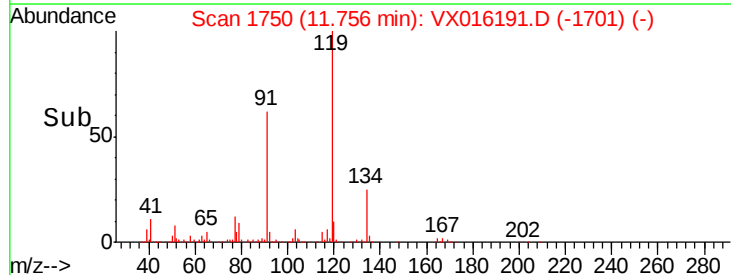
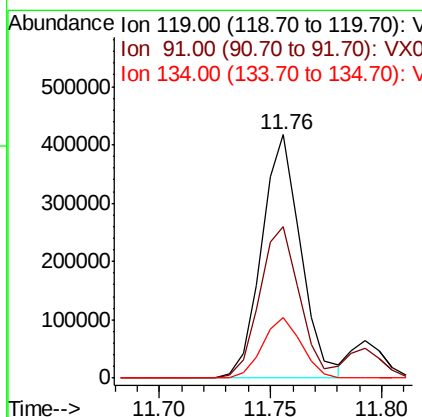
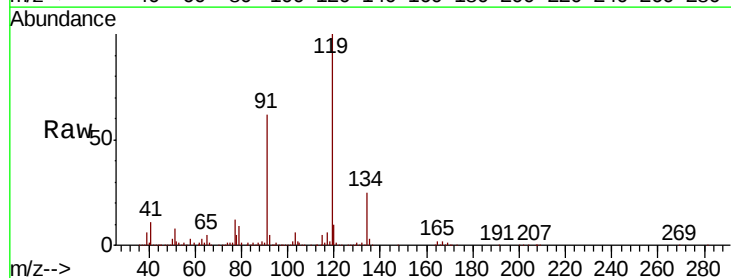
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

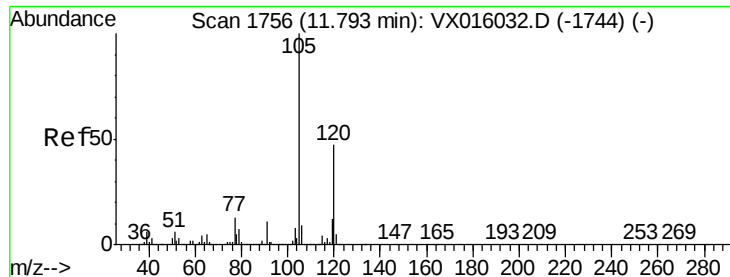
Tot Ion: 91 Resp: 570391
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.3



#83
tert-Butylbenzene
Concen: 46.633 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion: 119 Resp: 509203
Ion Ratio Lower Upper
119 100
91 63.5 32.8 98.4
134 24.5 12.4 37.0





#84

1,2,4-Trimethylbenzene

Concen: 46.729 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

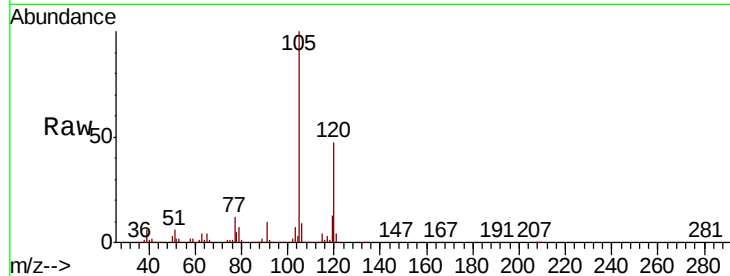
SS052MW765-200511MS

Tot Ion:105 Resp: 598595

Ion Ratio Lower Upper

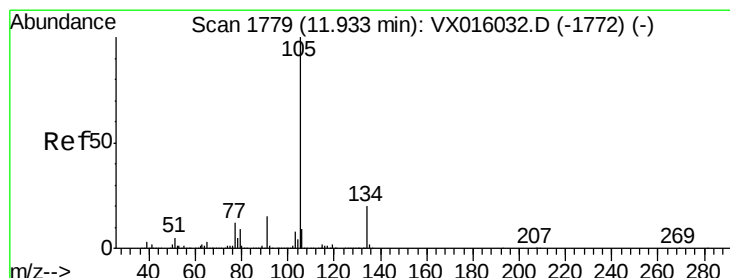
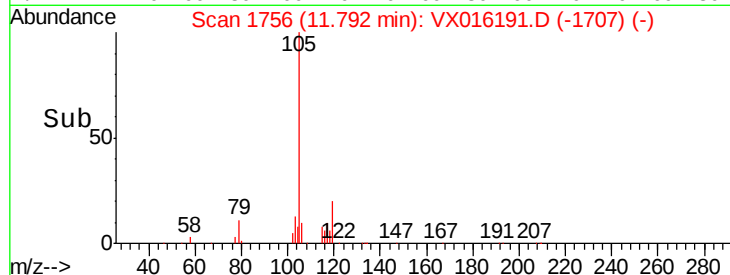
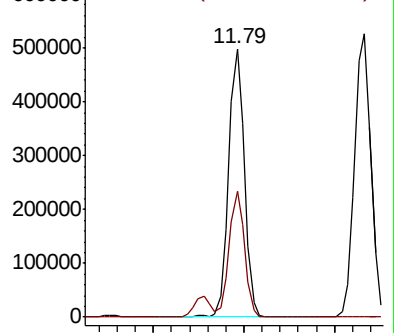
105 100

120 46.2 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 44.585 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016191.D

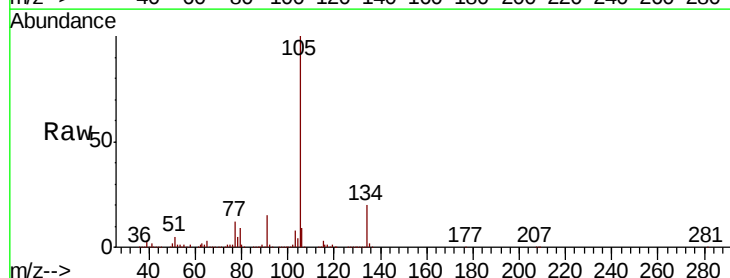
Acq: 13 May 2020 19:37

Tgt Ion:105 Resp: 657326

Ion Ratio Lower Upper

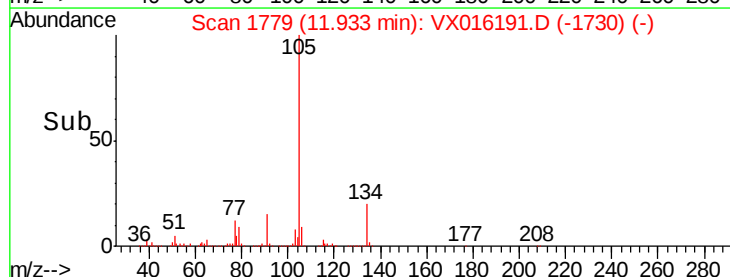
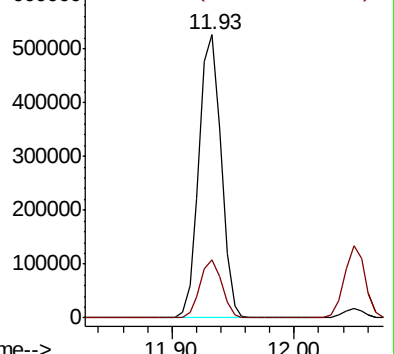
105 100

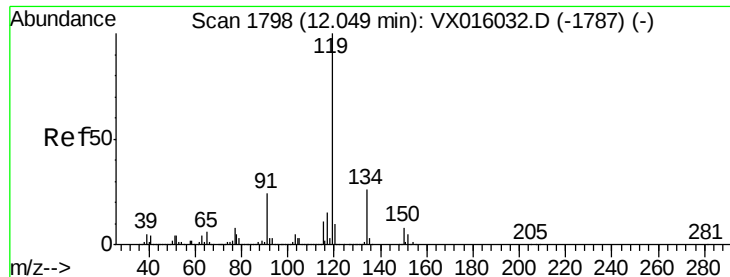
134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

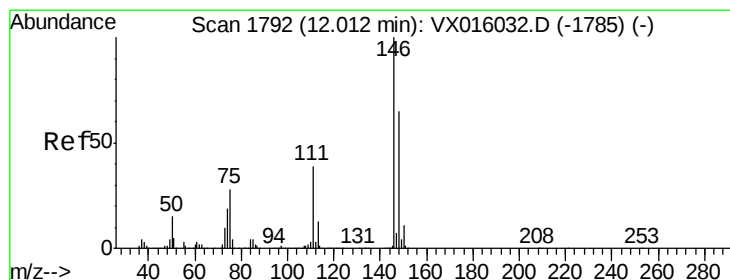
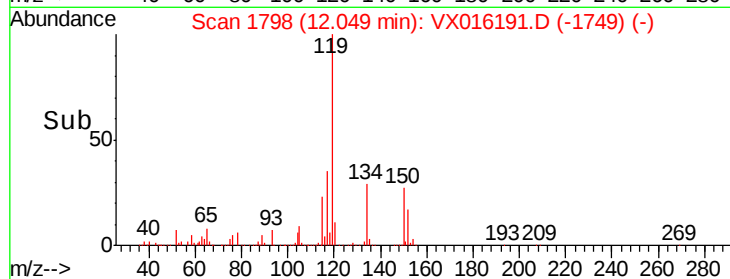
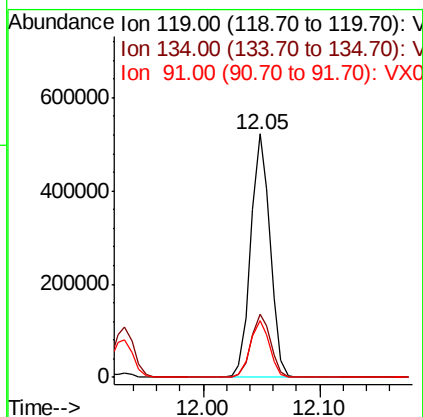
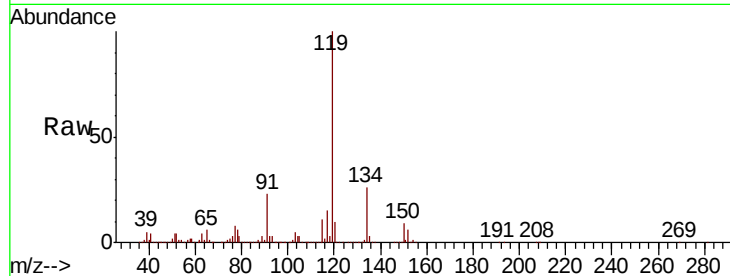




#86
p-Isopropyltoluene
Concen: 44.350 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

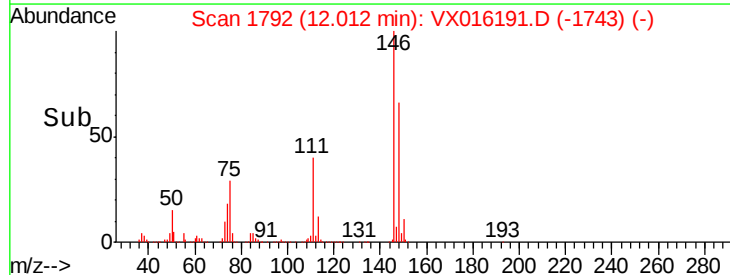
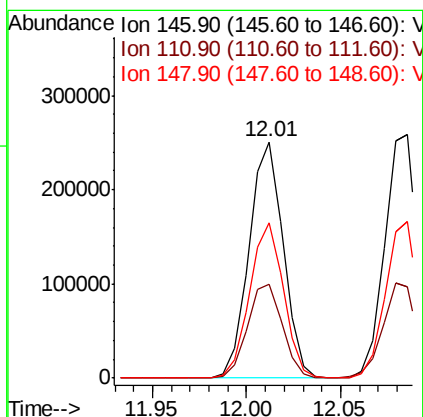
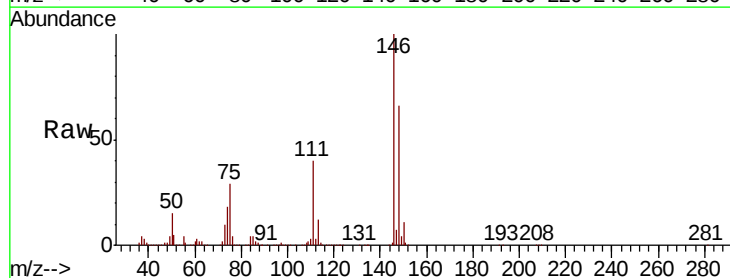
Instrument :
MSVOA_X
ClientSampleId :
SS052MW765-200511MS

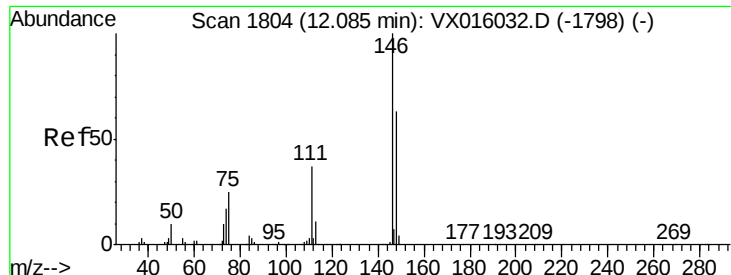
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.1	39.3
91	23.4	11.8	35.4



#87
1,3-Dichlorobenzene
Concen: 45.267 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016191.D
Acq: 13 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.2	60.6
148	65.0	32.1	96.3

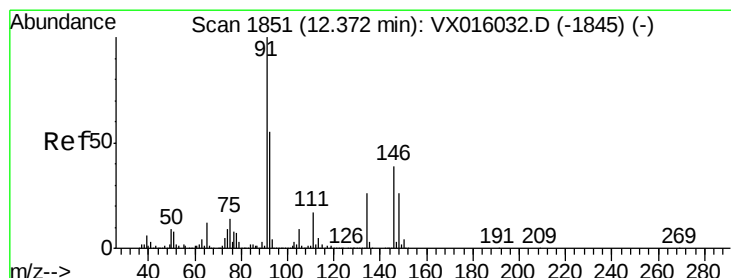
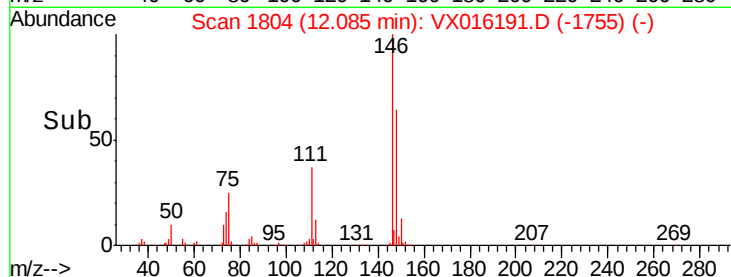
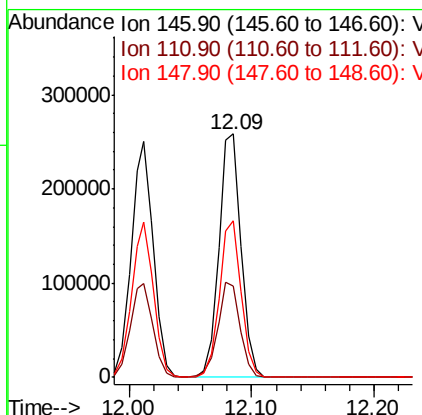
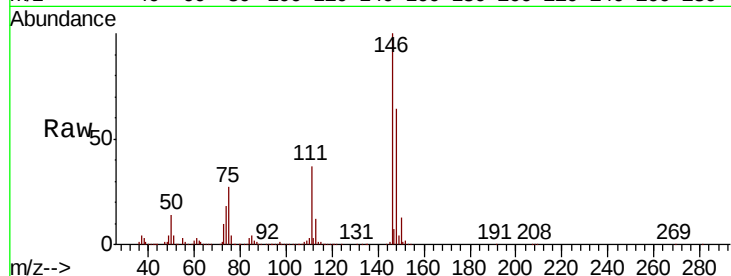




#88
 1,4-Dichlorobenzene
 Concen: 46.109 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

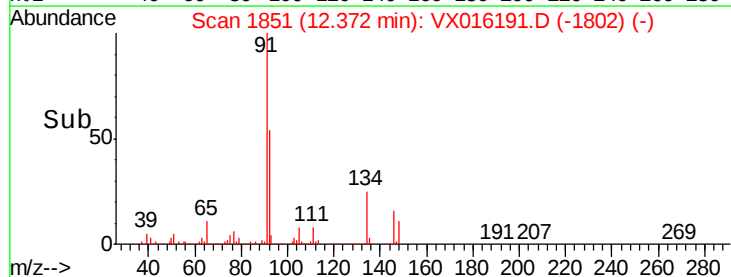
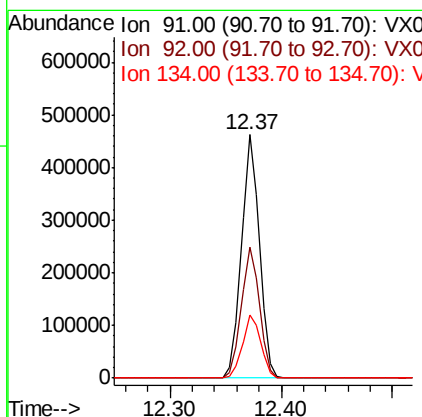
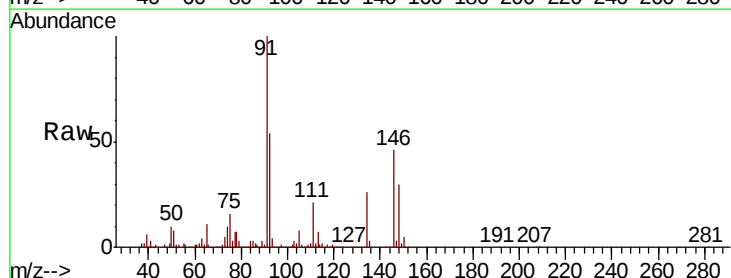
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW765-200511MS

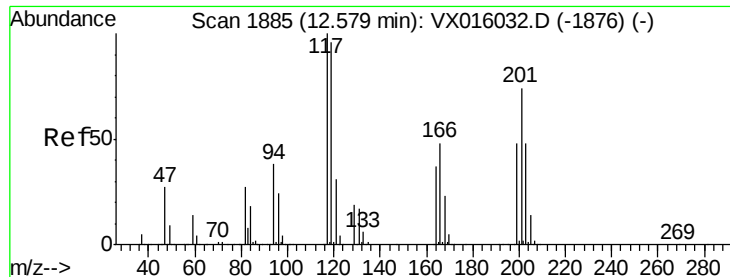
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.7
148	63.1	31.8	95.3



#89
 n-Butylbenzene
 Concen: 41.214 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016191.D
 Acq: 13 May 2020 19:37

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.6	82.7
134	26.3	13.4	40.1





#90

Hexachloroethane

Concen: 46.910 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

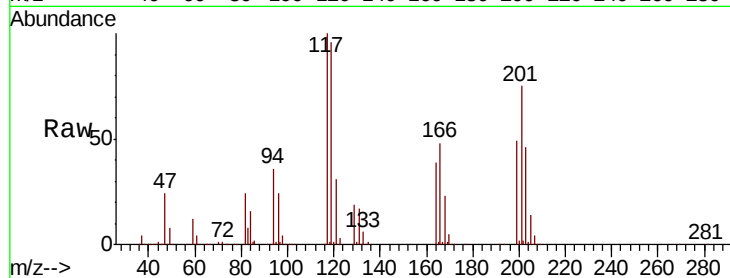
SS052MW765-200511MS

Tot Ion:117 Resp: 110278

Ion Ratio Lower Upper

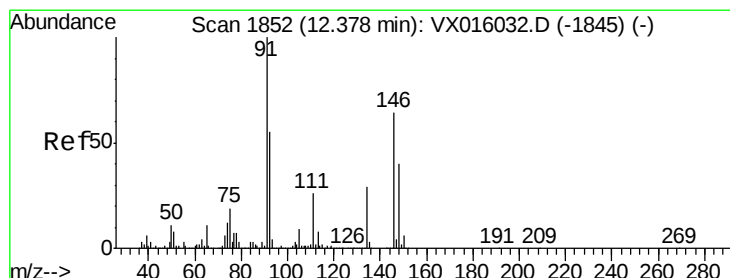
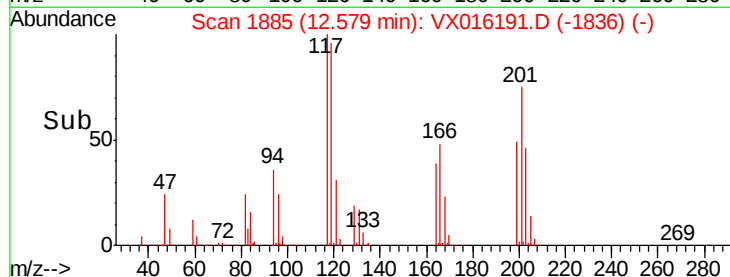
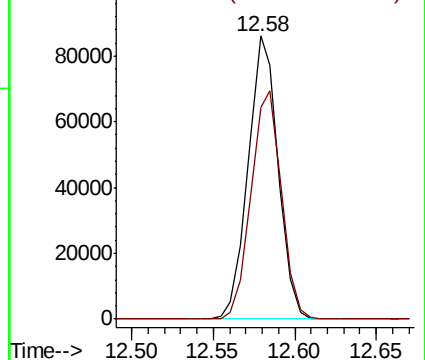
117 100

201 81.6 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 46.578 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

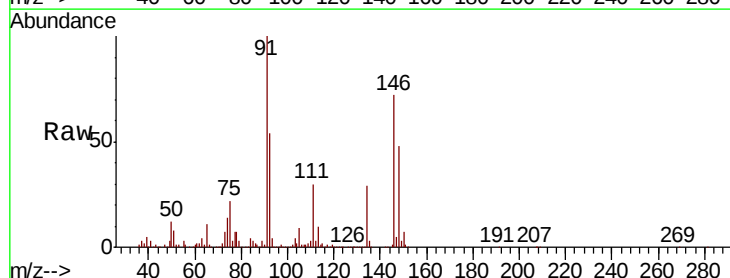
Tgt Ion:146 Resp: 311930

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

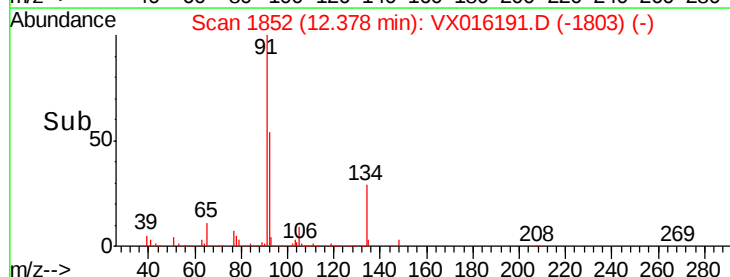
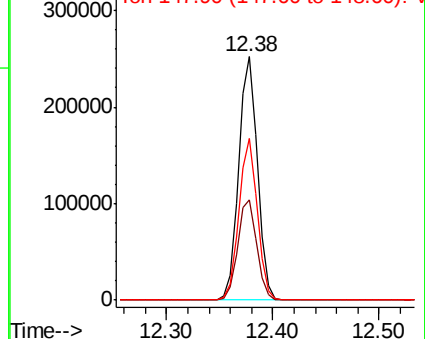
148 64.8 32.4 97.0

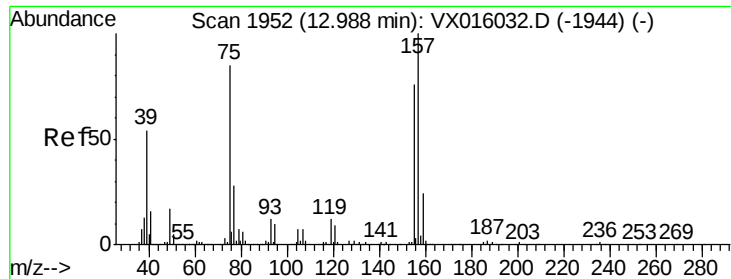


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 45.444 ug/l

RT: 12.99 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

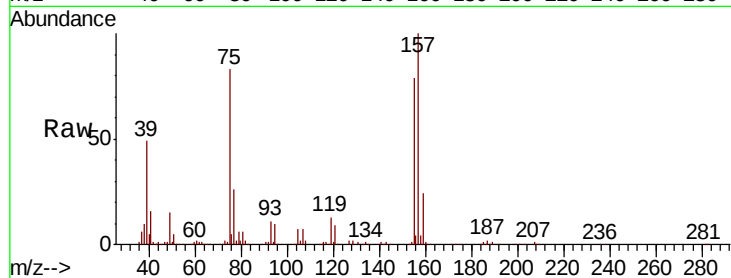
Tot Ion: 75 Resp: 56076

Ion Ratio Lower Upper

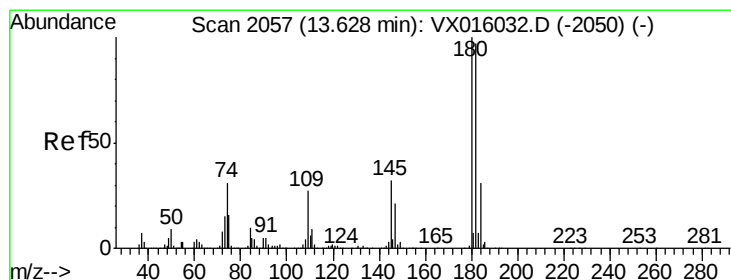
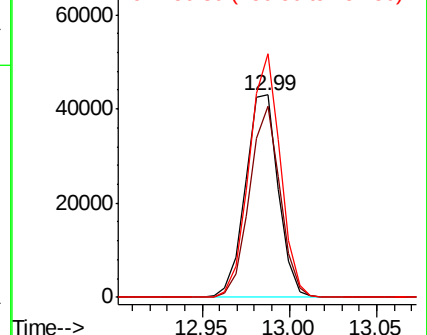
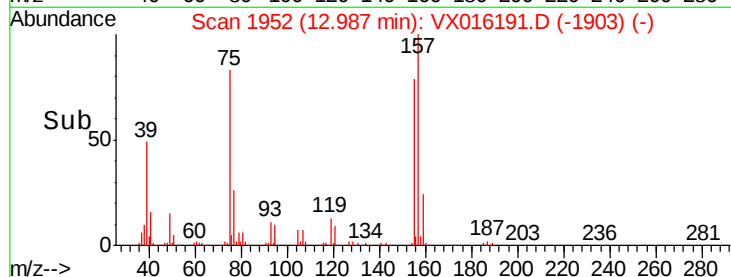
75 100

155 88.0 42.5 127.5

157 113.6 55.3 165.8



Abundance Ion 74.90 (74.60 to 75.60): VX016191.D (-1903) (-)



#93

1,2,4-Trichlorobenzene

Concen: 43.326 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

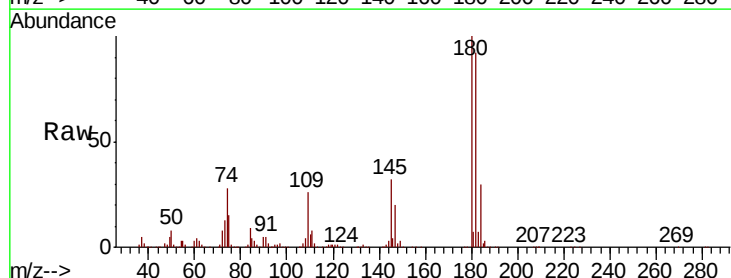
Tgt Ion: 180 Resp: 214817

Ion Ratio Lower Upper

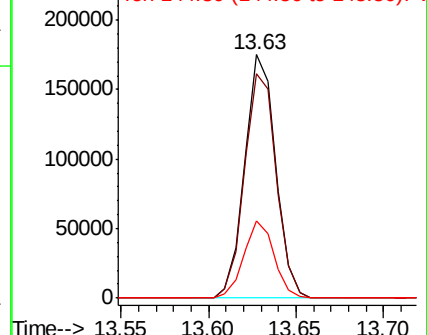
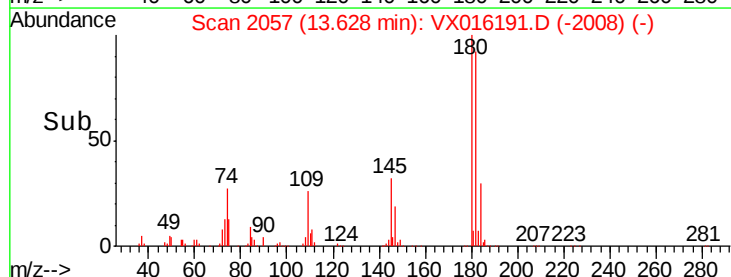
180 100

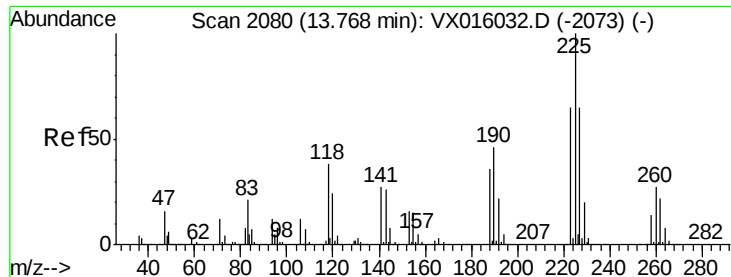
182 95.1 48.7 146.1

145 30.9 15.7 47.1



Abundance Ion 179.80 (179.50 to 180.50): VX016191.D (-2008) (-)





#94

Hexachlorobutadiene

Concen: 35.916 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

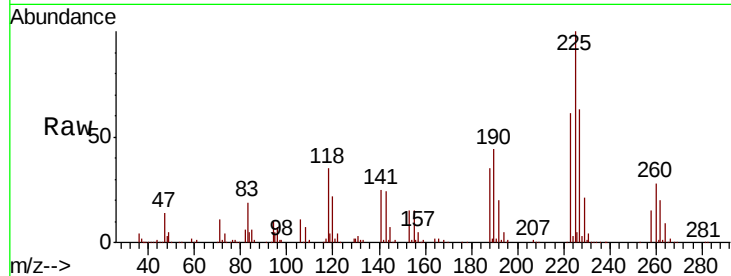
Tot Ion:225 Resp: 76362

Ion Ratio Lower Upper

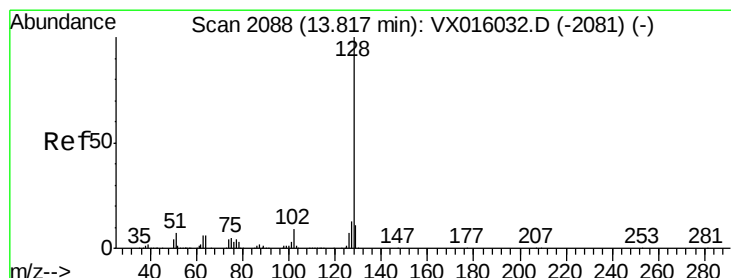
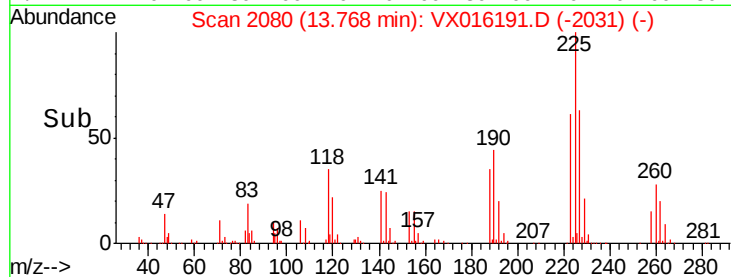
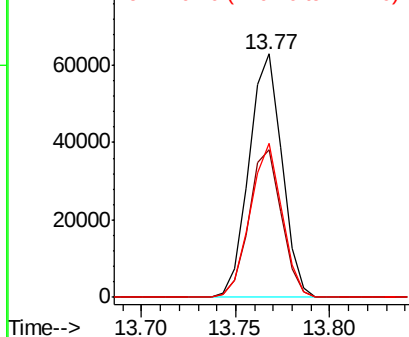
225 100

223 60.1 32.3 96.9

227 61.2 31.8 95.4



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



#95

Naphthalene

Concen: 46.554 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

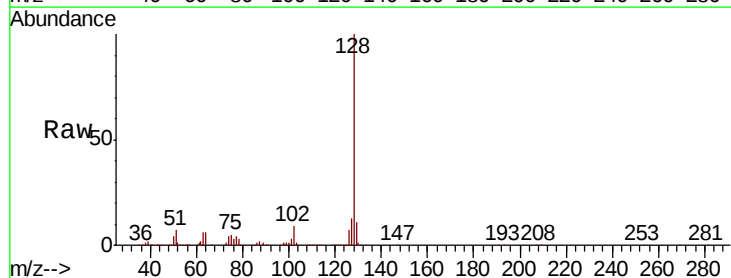
Tgt Ion:128 Resp: 747399

Ion Ratio Lower Upper

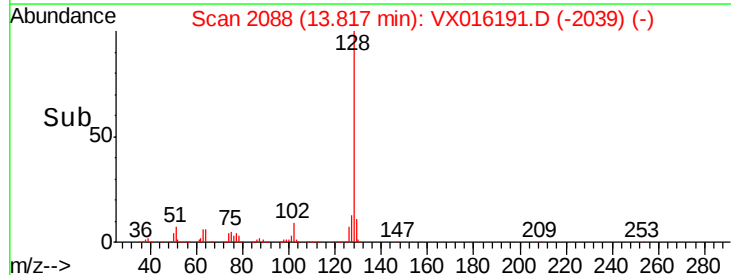
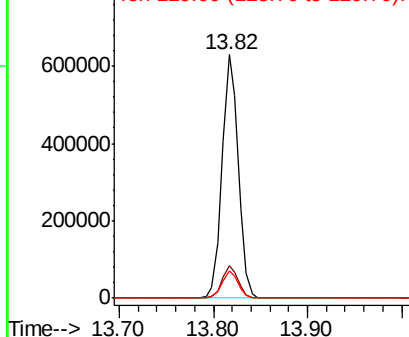
128 100

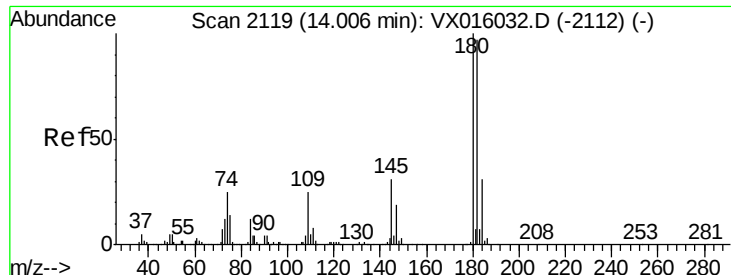
127 12.9 10.2 15.4

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 44.867 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016191.D

Acq: 13 May 2020 19:37

Instrument :

MSVOA_X

ClientSampleId :

SS052MW765-200511MS

Tot Ion:180 Resp: 217410

Ion Ratio Lower Upper

180 100

182 94.6 48.4 145.0

145 31.7 16.4 49.1

