

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070319\
 Data File : VX010657.D
 Acq On : 03 Jul 2019 21:52
 Operator : JC/SP
 Sample : K3636-06MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Quant Time: Jul 04 03:40:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	198174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	310314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145566	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	104272	56.12	ug/l	0.00
Spiked Amount			Recovery	=	112.24%	
35) Dibromofluoromethane	5.50	113	98597	51.93	ug/l	0.00
Spiked Amount			Recovery	=	103.86%	
50) Toluene-d8	8.71	98	343965	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
62) 4-Bromofluorobenzene	11.13	95	126899	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	80737	58.600	ug/l	99
3) Chloromethane	1.32	50	96846	60.366	ug/l	99
4) Vinyl Chloride	1.41	62	101467	57.743	ug/l	100
5) Bromomethane	1.64	94	52257	61.042	ug/l	99
6) Chloroethane	1.71	64	67340	64.955	ug/l	99
7) Trichlorofluoromethane	1.93	101	157848	56.666	ug/l	98
8) Diethyl Ether	2.19	74	67974	68.045	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	82976	49.154	ug/l	98
10) Methyl Iodide	2.51	142	132182	54.867	ug/l	97
11) Tert butyl alcohol	3.05	59	125020	257.138	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94686	55.123	ug/l	98
13) Acrolein	2.29	56	90981	282.084	ug/l	100
14) Allyl chloride	2.73	41	140043	57.426	ug/l	97
15) Acrylonitrile	3.14	53	290473	301.753	ug/l	99
16) Acetone	2.45	43	235956	253.386	ug/l	99
17) Carbon Disulfide	2.57	76	245773	53.331	ug/l	100
18) Methyl Acetate	2.78	43	101549	54.715	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	327239	60.557	ug/l	100
20) Methylene Chloride	2.85	84	114640	59.821	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	104992	56.831	ug/l	97
22) Diisopropyl ether	3.85	45	307591	60.327	ug/l	96
23) Vinyl Acetate	3.82	43	1247359	283.185	ug/l	99
24) 1,1-Dichloroethane	3.70	63	176600	59.920	ug/l	99
25) 2-Butanone	4.67	43	391266	286.438	ug/l	99
26) 2,2-Dichloropropane	4.59	77	100480	39.246	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	121524	56.924	ug/l	99
28) Bromochloromethane	5.01	49	78305	55.570	ug/l	94
29) Tetrahydrofuran	5.13	42	258192	305.158	ug/l	98
30) Chloroform	5.21	83	186062	58.675	ug/l	97
31) Cyclohexane	5.58	56	132252	49.276	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	155904	55.679	ug/l	99
36) 1,1-Dichloropropene	5.80	75	126414	51.264	ug/l	98
37) Ethyl Acetate	4.84	43	139061	54.817	ug/l	98
38) Carbon Tetrachloride	5.79	117	132934	49.783	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139858	43.148	ug/l	97
40) Benzene	6.14	78	422013	54.932	ug/l	99
41) Methacrylonitrile	5.04	41	81185	58.326	ug/l	99
42) 1,2-Dichloroethane	6.20	62	142982	61.141	ug/l	97
43) Isopropyl Acetate	6.45	43	230914	55.017	ug/l	98
44) Trichloroethene	7.21	130	117227	50.995	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106984	55.145	ug/l	100
46) Dibromomethane	7.66	93	78893	56.678	ug/l	96
47) Bromodichloromethane	7.90	83	139798	54.803	ug/l	99
48) Methyl methacrylate	7.77	41	117461	60.208	ug/l	97
49) 1,4-Dioxane	7.74	88	60507	1076.628	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	794439	295.953	ug/l	98
52) Toluene	8.79	92	264953	52.370	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	147707	51.647	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	161765	52.049	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116281	55.729	ug/l	98
56) Ethyl methacrylate	9.18	69	177925	56.291	ug/l	94
57) 1,3-Dichloropropane	9.37	76	184498	56.963	ug/l	99
59) 2-Hexanone	9.49	43	611471	289.430	ug/l	98
60) Dibromochloromethane	9.59	129	124757	53.401	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128025	56.845	ug/l	99
64) Tetrachloroethene	9.34	164	104152	45.263	ug/l	98
65) Chlorobenzene	10.13	112	303001	52.462	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	112829	53.631	ug/l	99
67) Ethyl Benzene	10.25	91	500191	51.299	ug/l	100
68) m/p-Xylenes	10.36	106	387996	102.696	ug/l	99
69) o-Xylene	10.69	106	193385	52.049	ug/l	100
70) Stvrene	10.71	104	337606	54.183	ug/l	99
71) Bromoform	10.85	173	94722	51.775	ug/l #	100
73) Isopropylbenzene	11.02	105	488579	49.514	ug/l	99
74) N-amyl acetate	10.90	43	195712	52.481	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	181354	55.496	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	192935	72.734	ug/l	81
77) Bromobenzene	11.26	156	143735	52.167	ug/l	99
78) n-propylbenzene	11.36	91	546644	50.406	ug/l	99
79) 2-Chlorotoluene	11.42	91	330372	51.158	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	411686	50.609	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	50525	44.436	ug/l	91
82) 4-Chlorotoluene	11.51	91	385821	52.504	ug/l	99
83) tert-Butylbenzene	11.77	119	408250	50.002	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	423878	51.865	ug/l	98
85) sec-Butylbenzene	11.94	105	465222	48.530	ug/l	100
86) p-Isopropyltoluene	12.06	119	433248	48.860	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241816	50.278	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	245010	50.039	ug/l	99
89) n-Butylbenzene	12.38	91	363713	48.271	ug/l	99
90) Hexachloroethane	12.60	117	70984	46.297	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	244304	51.109	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37857	53.731	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	162055	48.886	ug/l	99

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QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

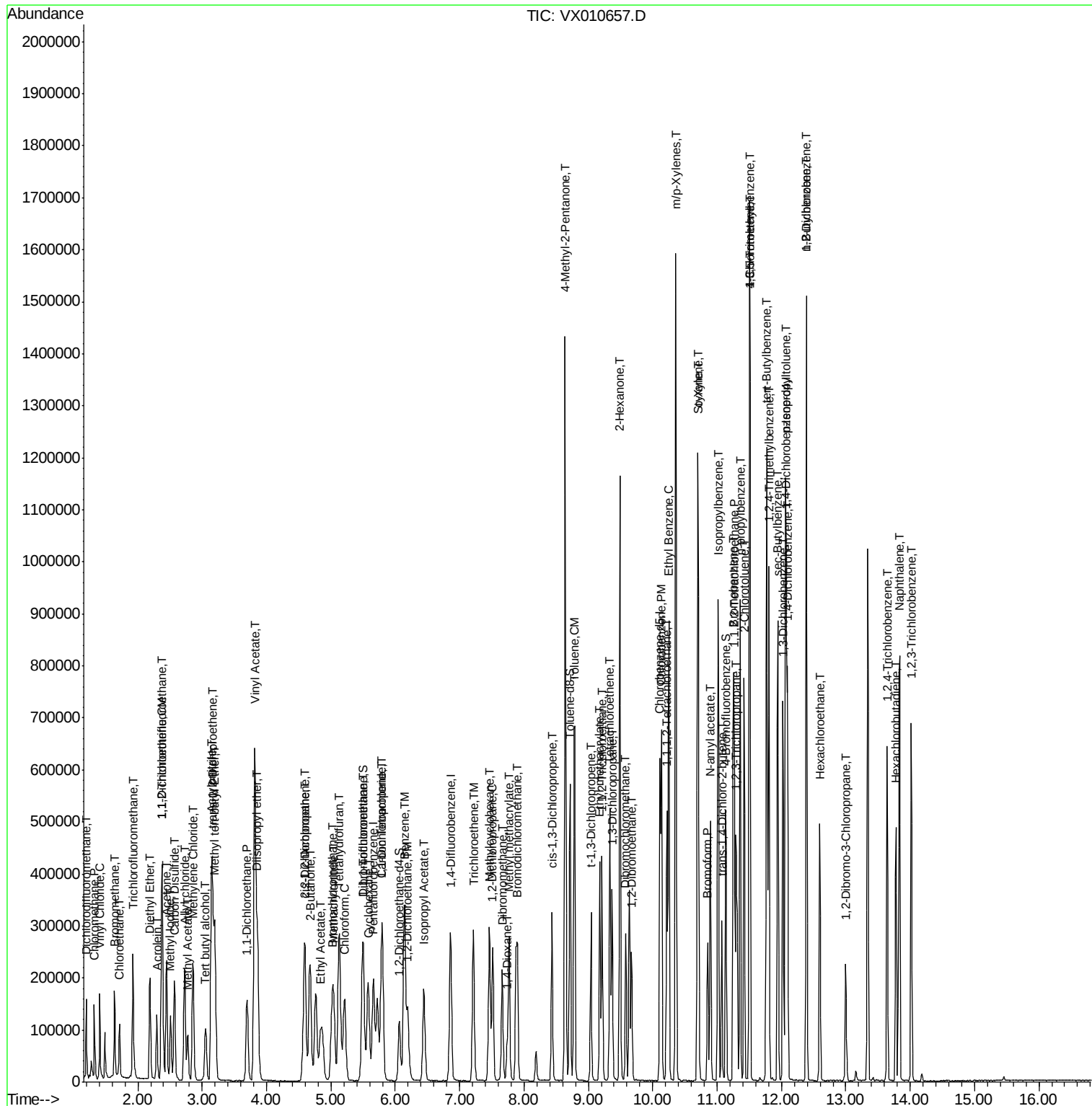
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	69885	43.136	ug/l	98
95) Naphthalene	13.83	128	540302	53.039	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	167933	50.952	ug/l	100

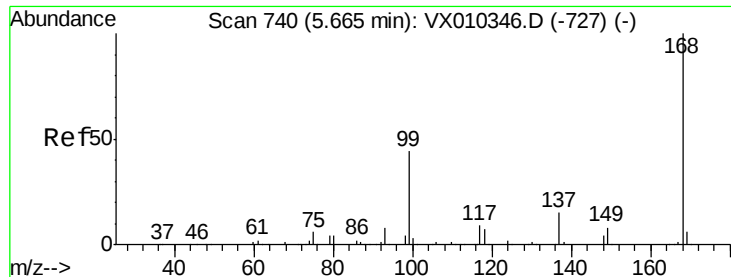
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

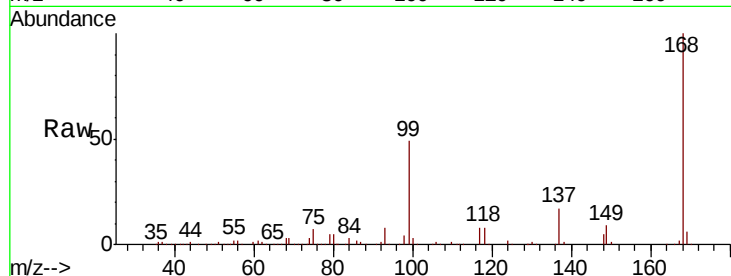
SP19-JMW0991MSD

Tot Ion:168 Resp: 198174

Ion Ratio Lower Upper

168 100

99 49.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

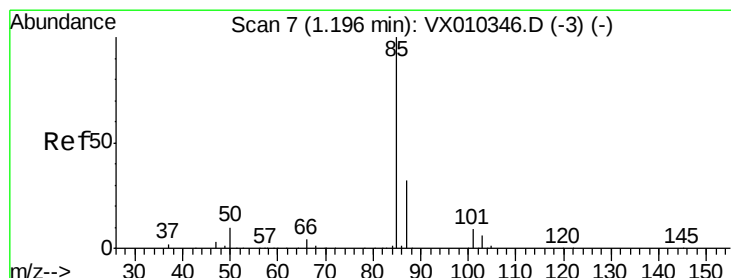
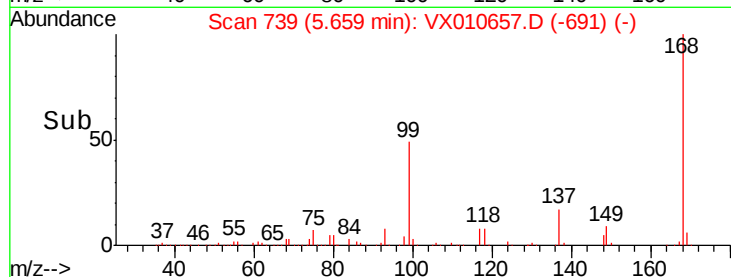
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 58.600 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010657.D

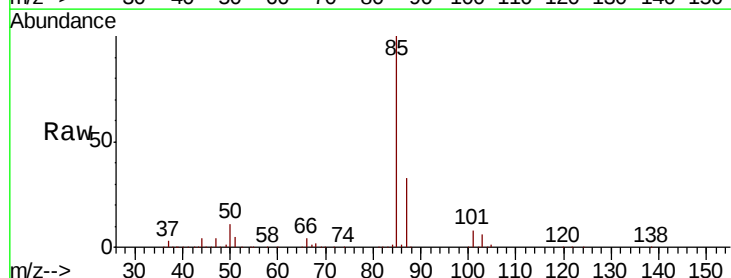
Acq: 03 Jul 2019 21:52

Tgt Ion: 85 Resp: 80737

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

60000

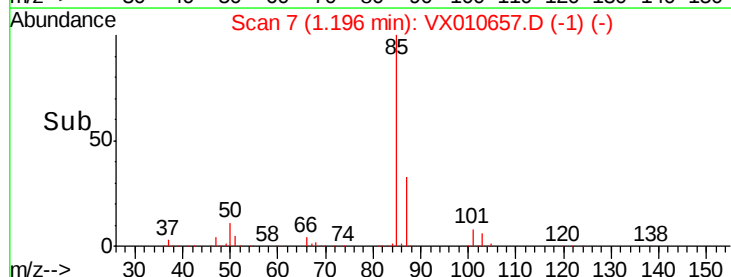
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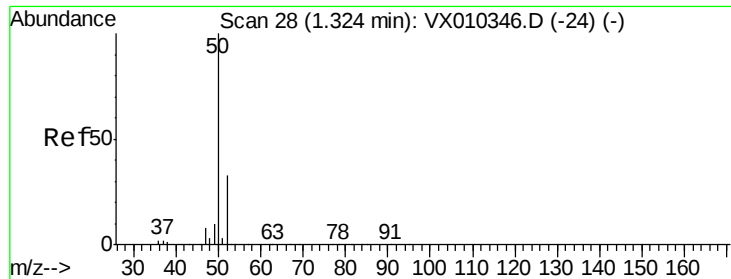
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 60.366 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

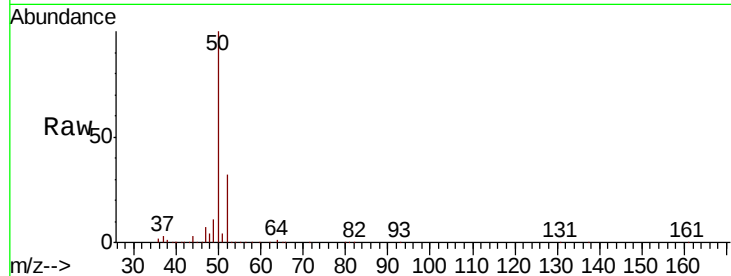
SP19-JMW0991MSD

Tot Ion: 50 Resp: 96846

Ion Ratio Lower Upper

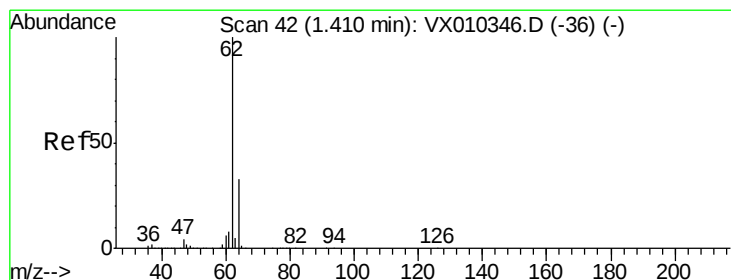
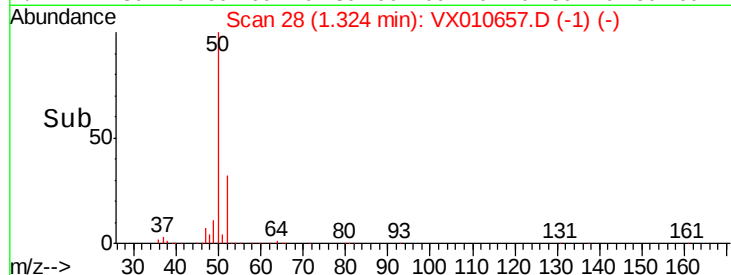
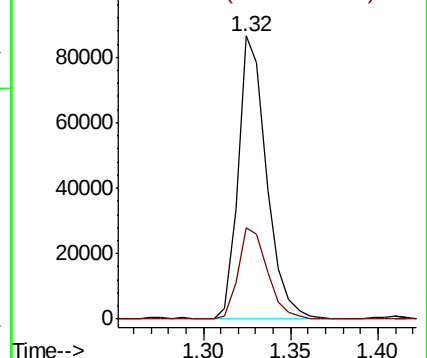
50 100

52 32.5 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 57.743 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010657.D

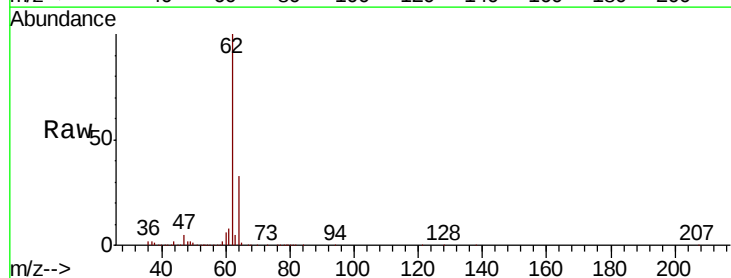
Acq: 03 Jul 2019 21:52

Tgt Ion: 62 Resp: 101467

Ion Ratio Lower Upper

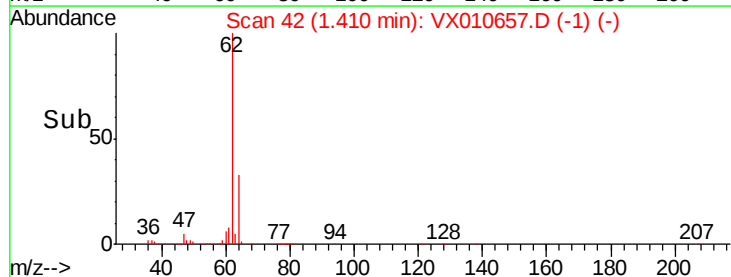
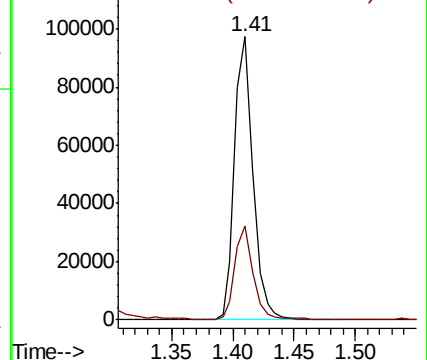
62 100

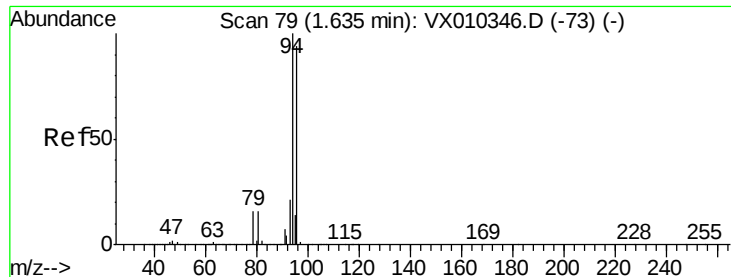
64 32.8 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 61.042 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

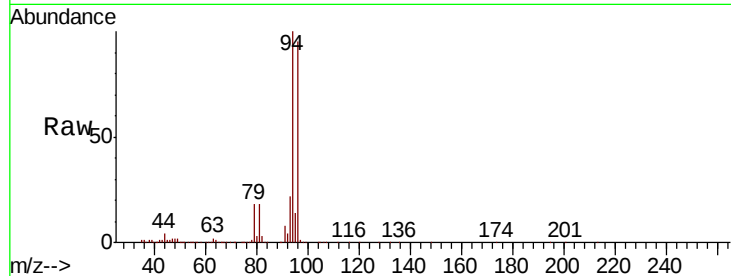
SP19-JMW0991MSD

Tot Ion: 94 Resp: 52257

Ion Ratio Lower Upper

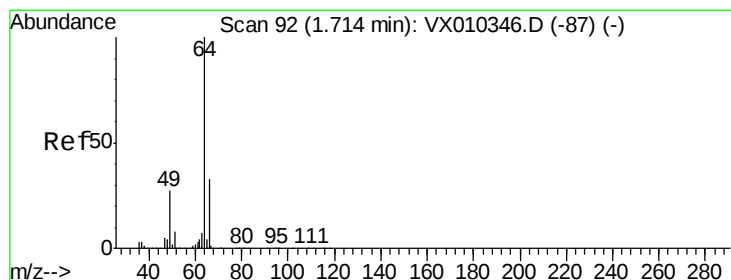
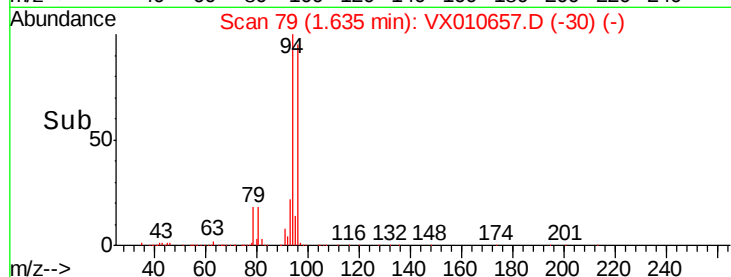
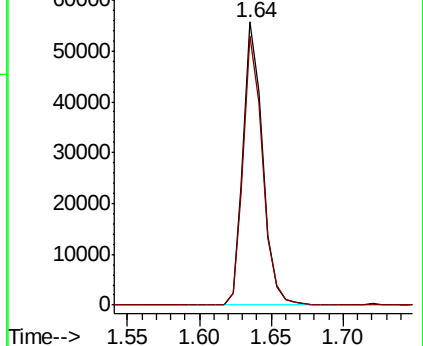
94 100

96 95.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 64.955 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010657.D

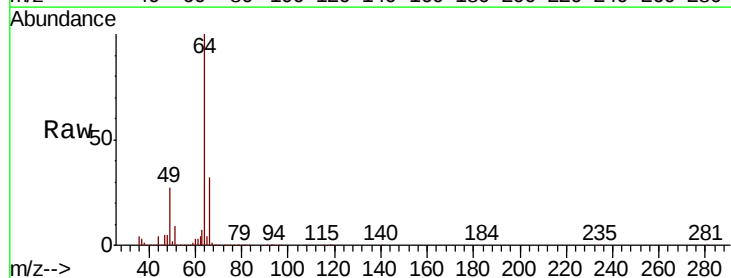
Acq: 03 Jul 2019 21:52

Tgt Ion: 64 Resp: 67340

Ion Ratio Lower Upper

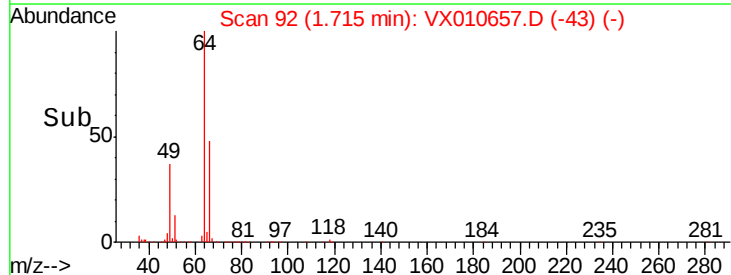
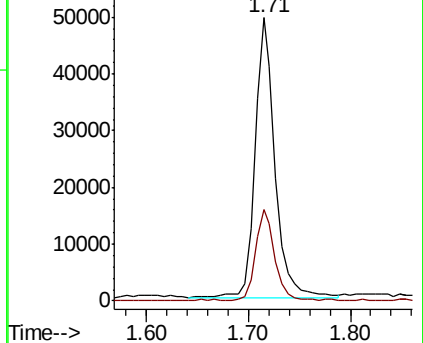
64 100

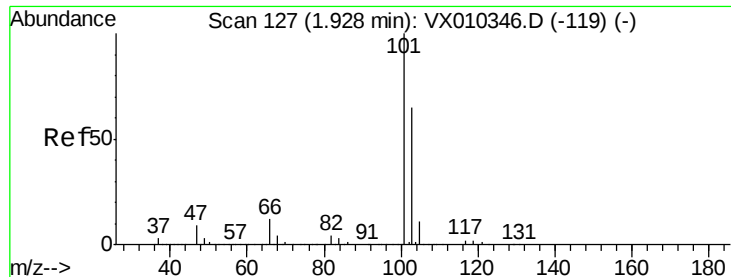
66 32.5 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



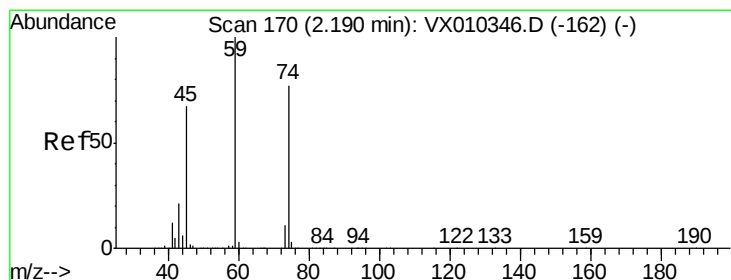
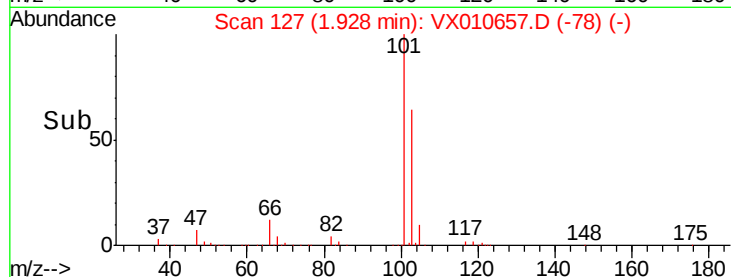
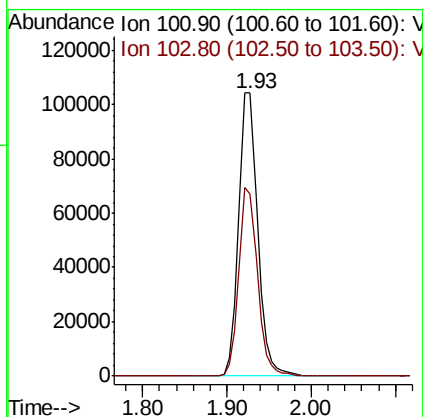
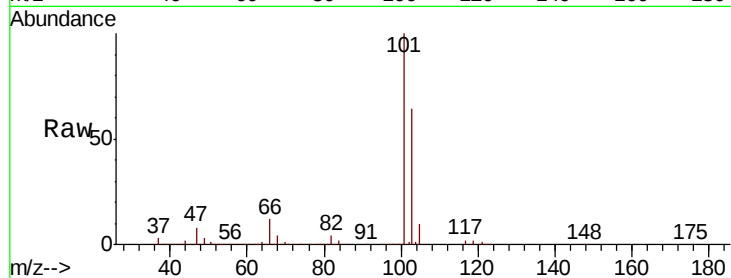


#7

Trichlorofluoromethane
 Concen: 56.666 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

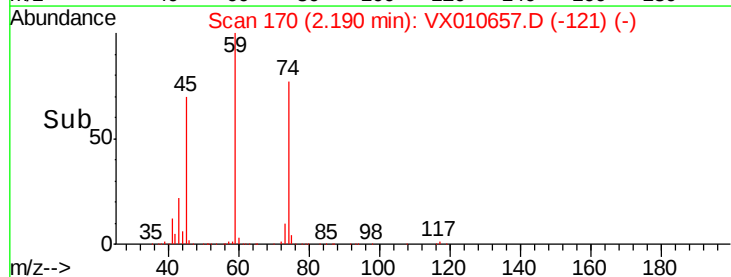
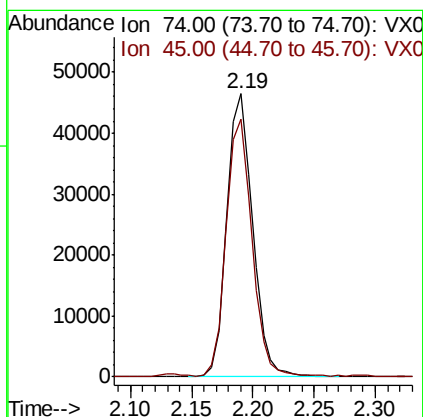
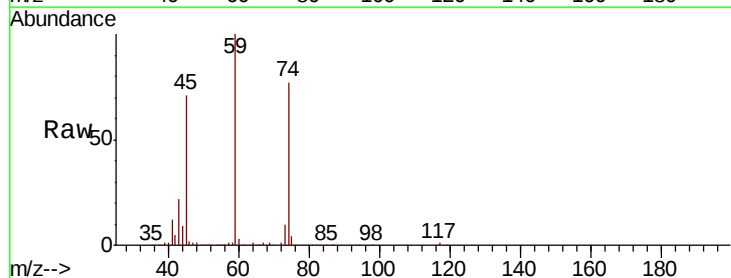
Tot Ion:101 Resp: 157848
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

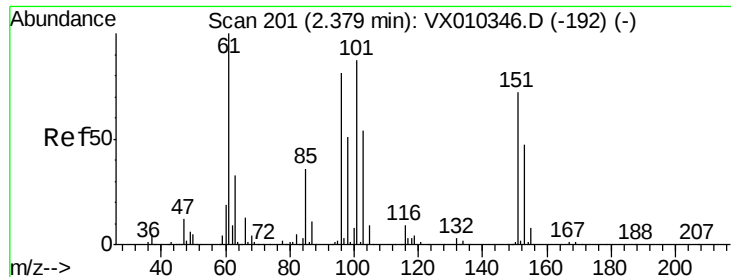


#8

Diethyl Ether
 Concen: 68.045 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 74 Resp: 67974
 Ion Ratio Lower Upper
 74 100
 45 91.1 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.154 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

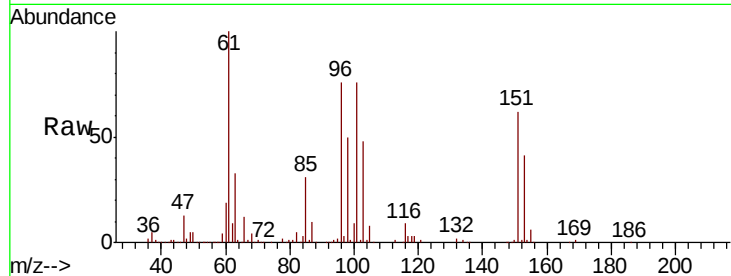
Tot Ion:101 Resp: 82976

Ion Ratio Lower Upper

101 100

85 42.9 33.7 50.5

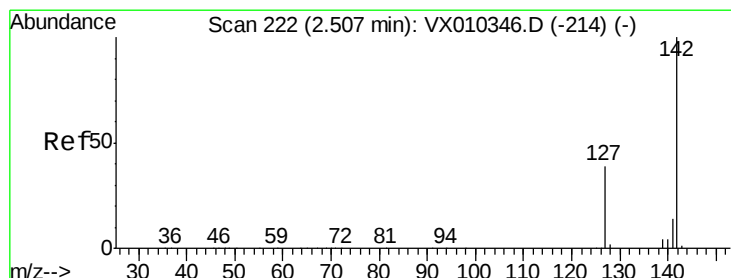
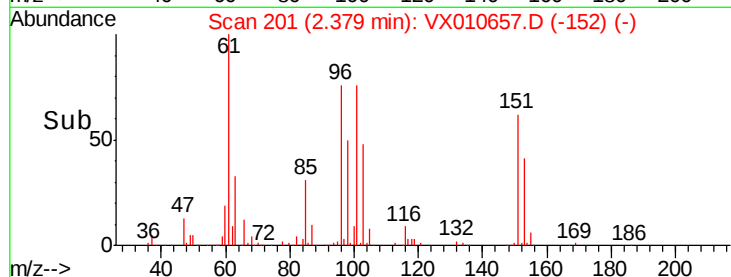
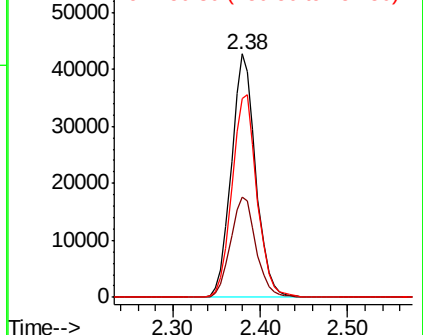
151 85.5 70.1 105.1



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: 54.867 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

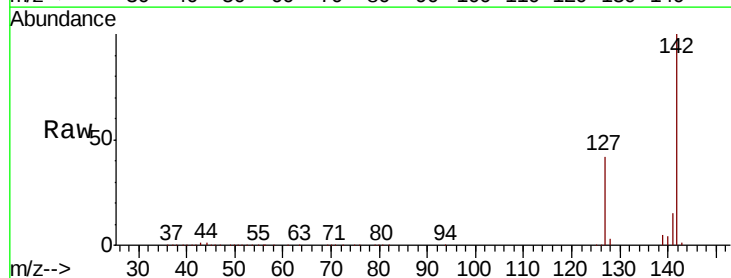
Tgt Ion:142 Resp: 132182

Ion Ratio Lower Upper

142 100

127 41.1 31.1 46.7

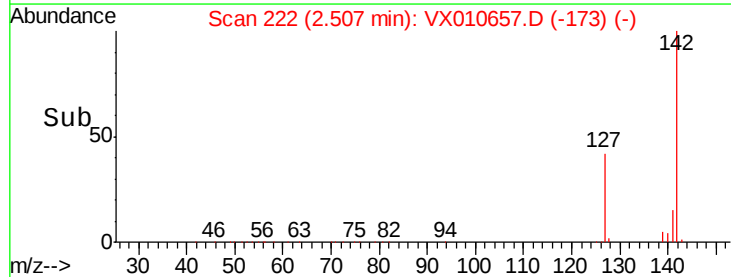
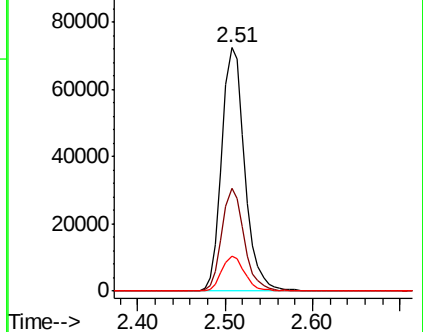
141 14.4 11.2 16.8

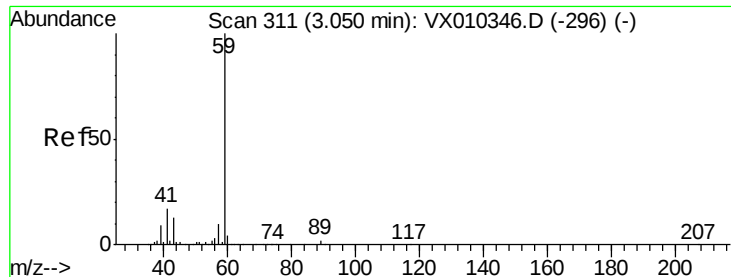


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



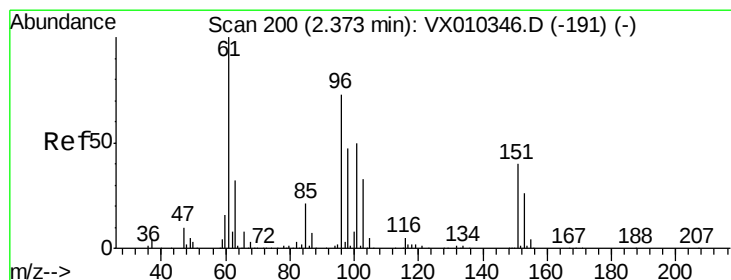
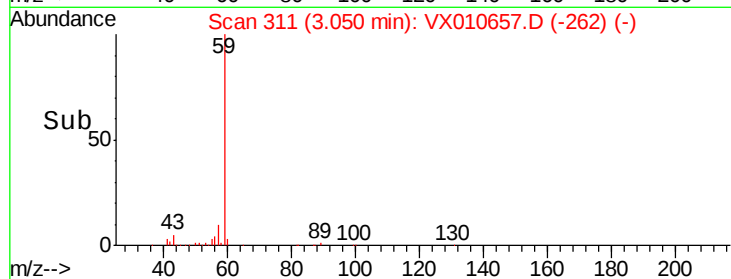
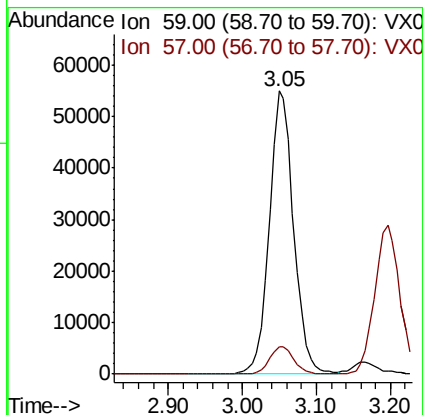
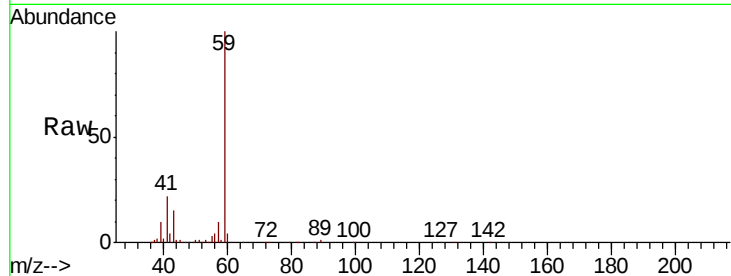


#11

Tert butyl alcohol
Concen: 257.138 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

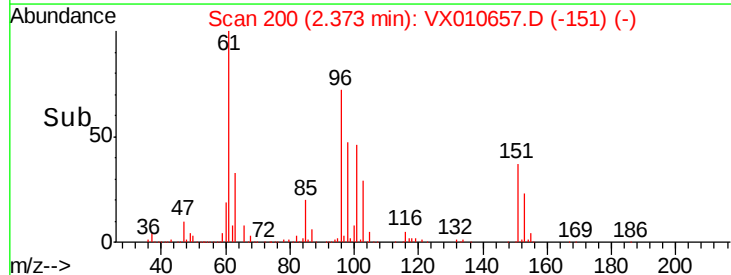
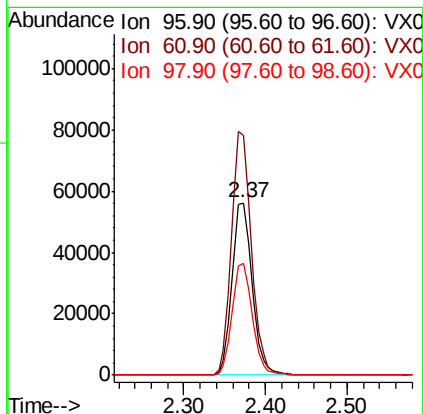
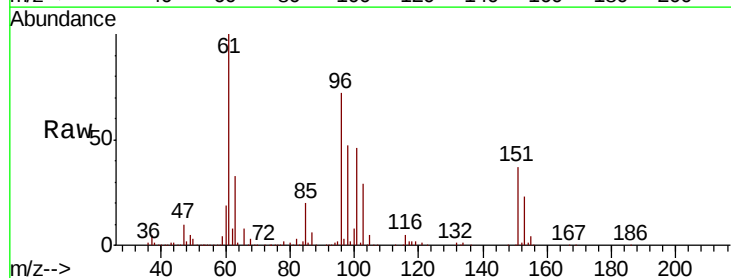
Tot Ion: 59 Resp: 125020
Ion Ratio Lower Upper
59 100
57 9.9 7.7 11.5

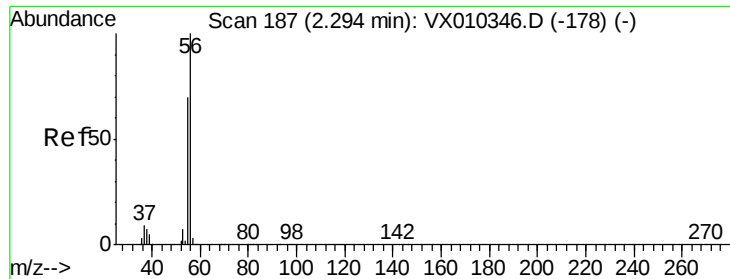


#12

1,1-Dichloroethene
Concen: 55.123 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 96 Resp: 94686
Ion Ratio Lower Upper
96 100
61 139.0 109.2 163.8
98 65.2 51.1 76.7





#13

Acrolein

Concen: 282.084 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

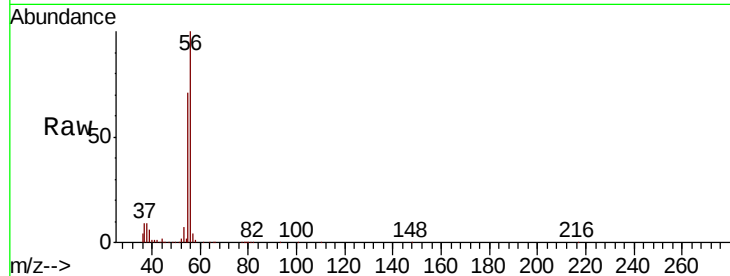
SP19-JMW0991MSD

Tot Ion: 56 Resp: 90981

Ion Ratio Lower Upper

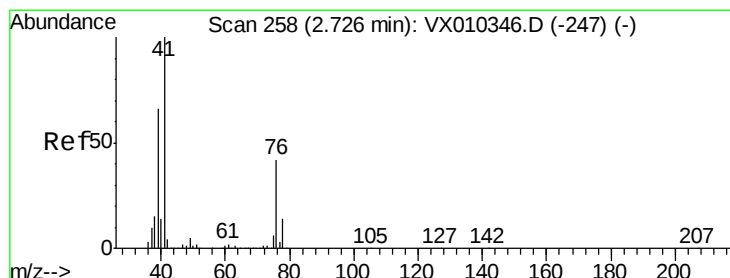
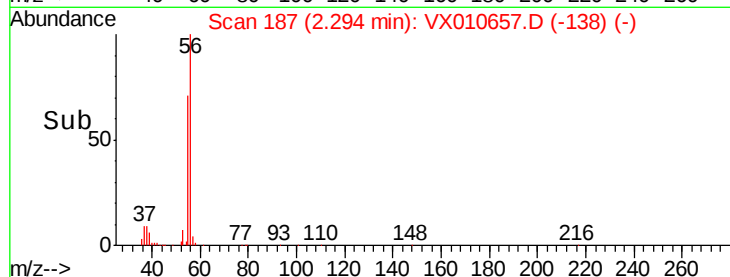
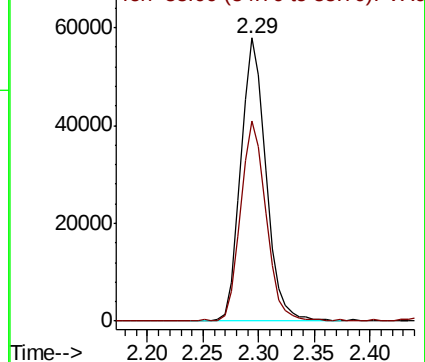
56 100

55 71.1 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 57.426 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

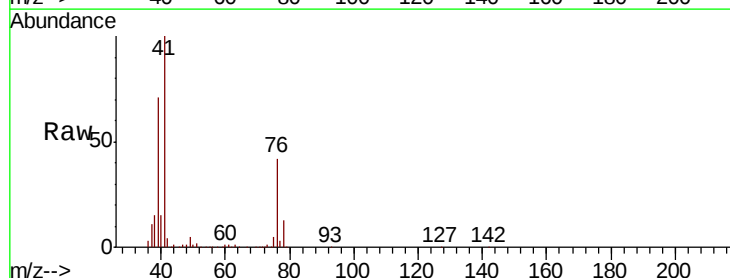
Tgt Ion: 41 Resp: 140043

Ion Ratio Lower Upper

41 100

39 65.2 50.3 75.5

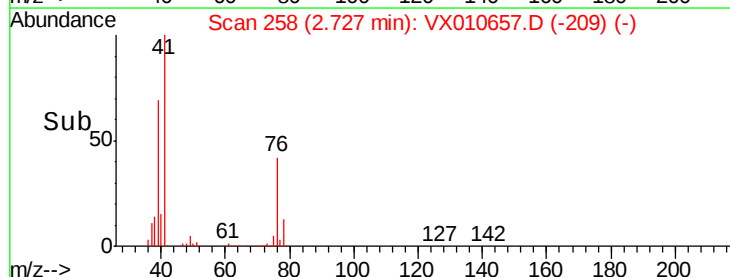
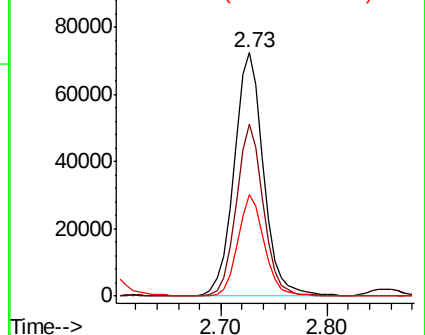
76 37.1 31.3 46.9

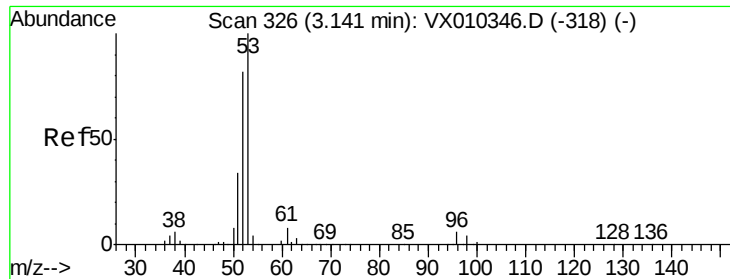


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 301.753 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

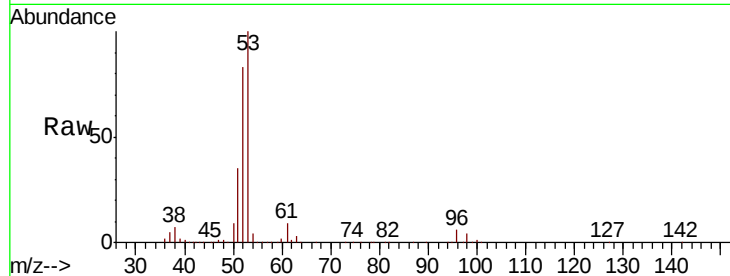
Tot Ion: 53 Resp: 290473

Ion Ratio Lower Upper

53 100

52 82.8 65.5 98.3

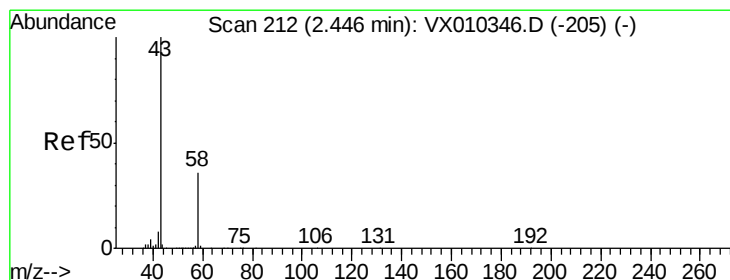
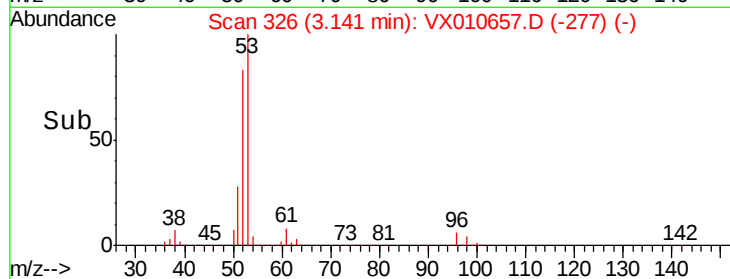
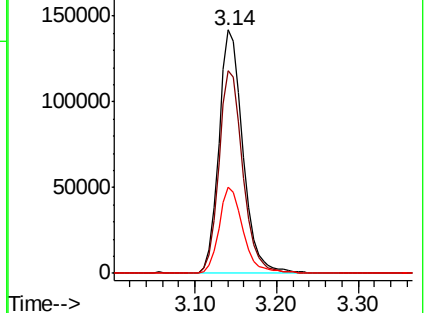
51 35.2 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 253.386 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010657.D

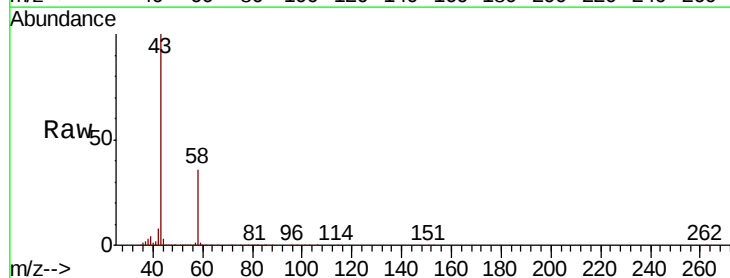
Acq: 03 Jul 2019 21:52

Tgt Ion: 43 Resp: 235956

Ion Ratio Lower Upper

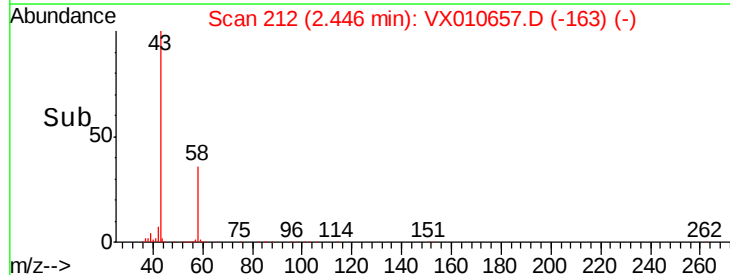
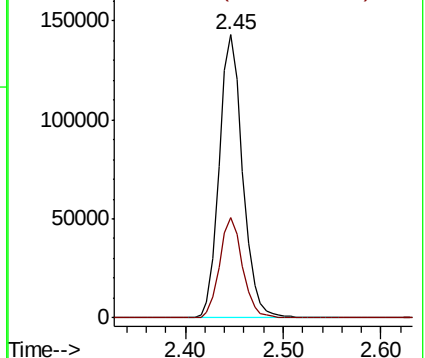
43 100

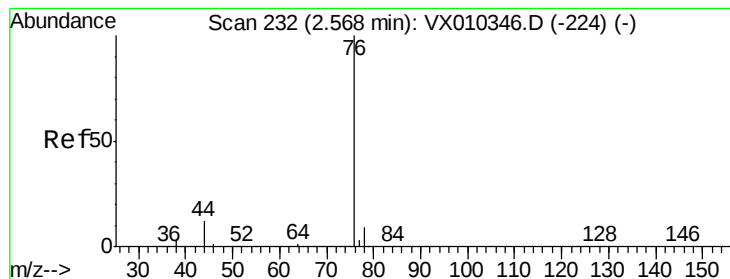
58 35.5 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 53.331 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

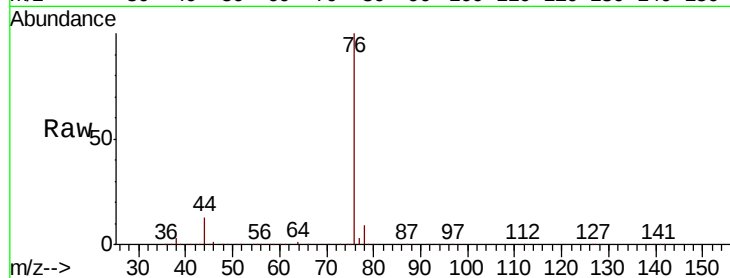
SP19-JMW0991MSD

Tot Ion: 76 Resp: 245773

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

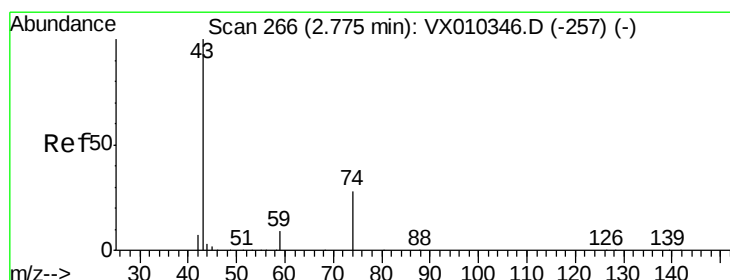
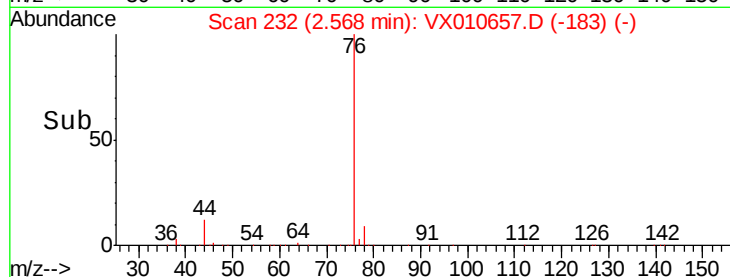
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 54.715 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX010657.D

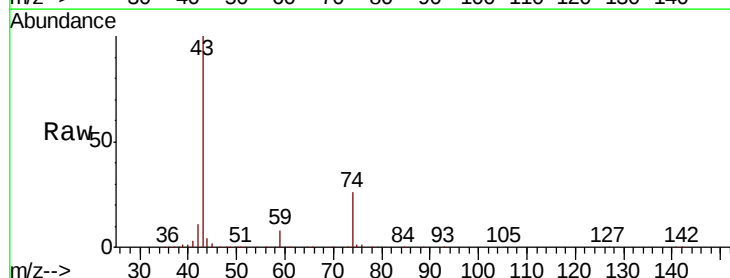
Acq: 03 Jul 2019 21:52

Tgt Ion: 43 Resp: 101549

Ion Ratio Lower Upper

43 100

74 25.8 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

50000

40000

30000

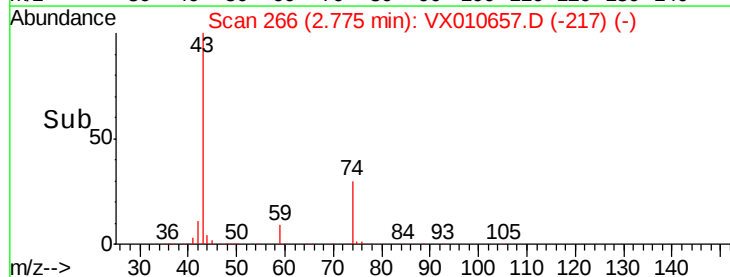
20000

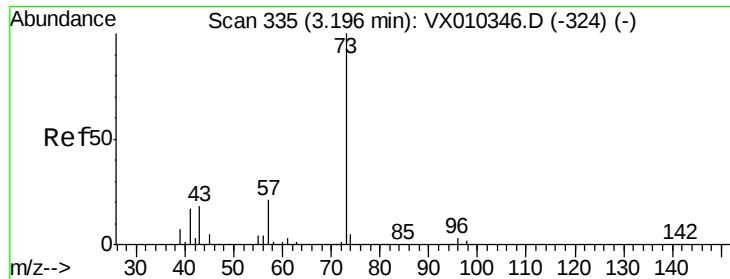
10000

0

2.70 2.80 2.90

Time-->

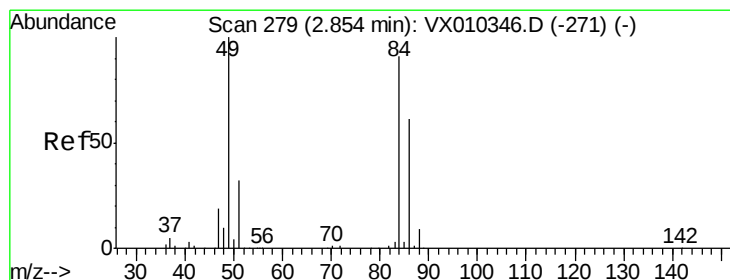
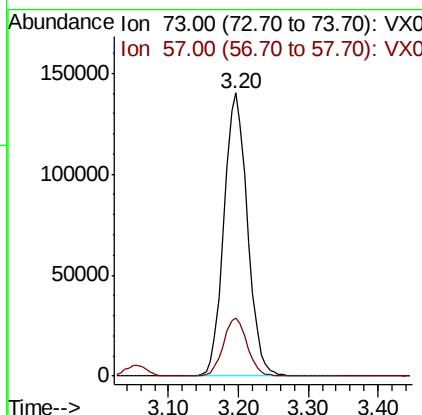
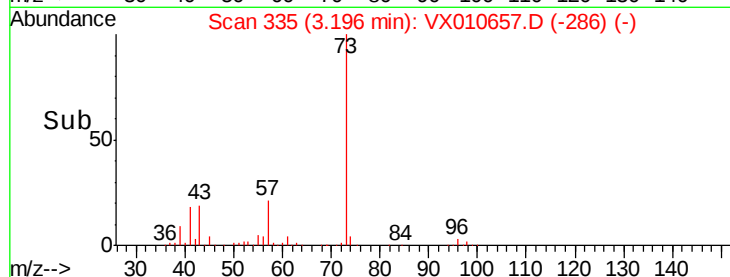
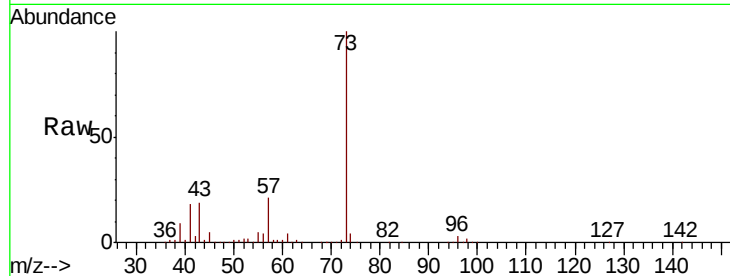




#19
Methvl tert-butvl Ether
Concen: 60.557 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

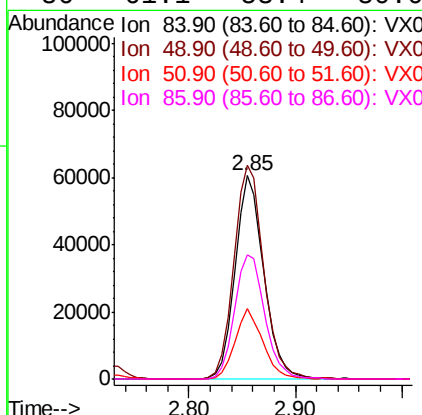
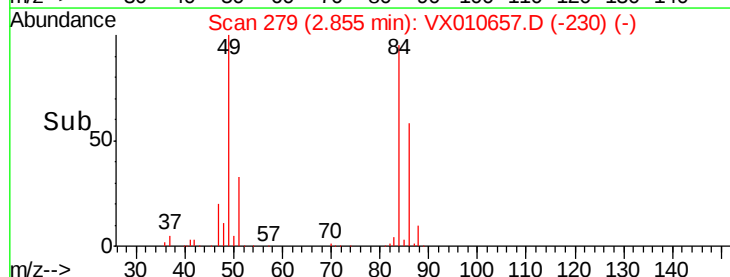
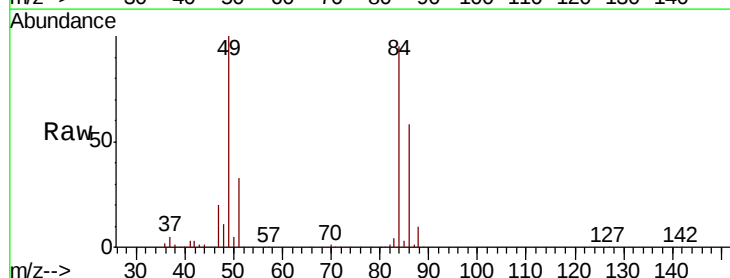
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

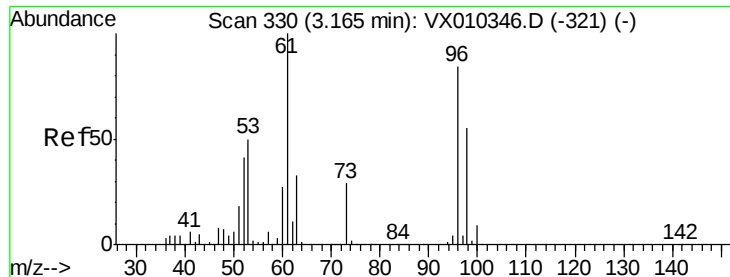
Tot Ion: 73 Resp: 327239
Ion Ratio Lower Upper
73 100
57 20.7 16.4 24.6



#20
Methylene Chloride
Concen: 59.821 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 84 Resp: 114640
Ion Ratio Lower Upper
84 100
49 105.1 87.5 131.3
51 34.8 27.7 41.5
86 61.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 56.831 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

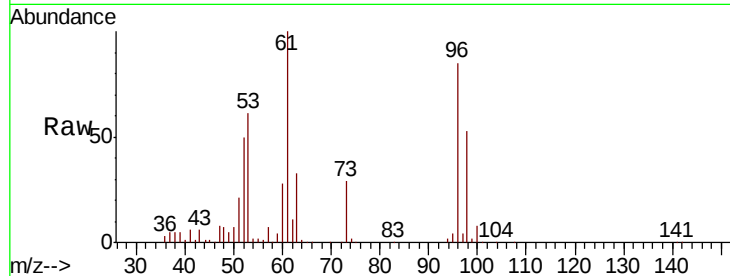
Tot Ion: 96 Resp: 104992

Ion Ratio Lower Upper

96 100

61 117.1 95.6 143.4

98 61.8 52.5 78.7

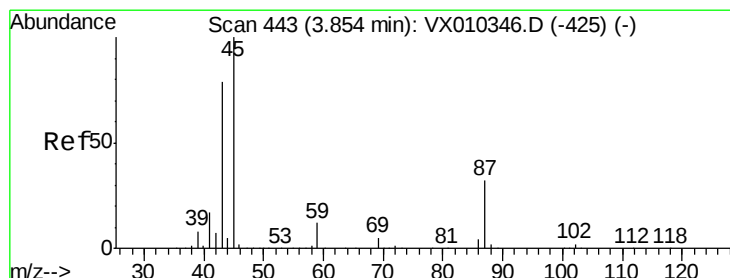
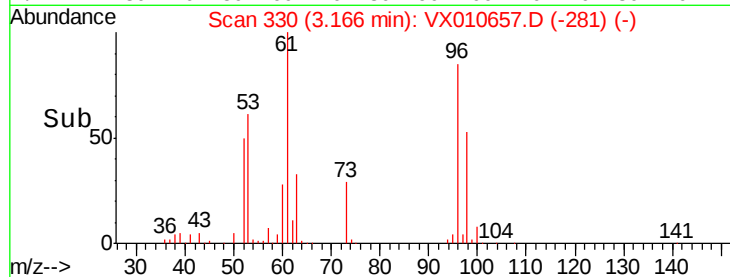
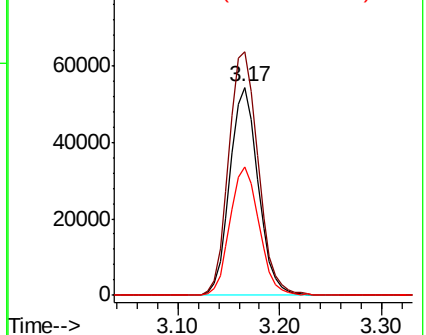


Abundance

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: 60.327 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Tgt Ion: 45 Resp: 307591

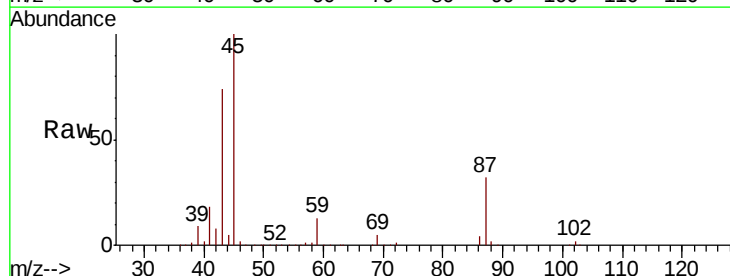
Ion Ratio Lower Upper

45 100

43 74.2 63.3 94.9

87 31.7 25.8 38.8

59 12.5 9.6 14.4



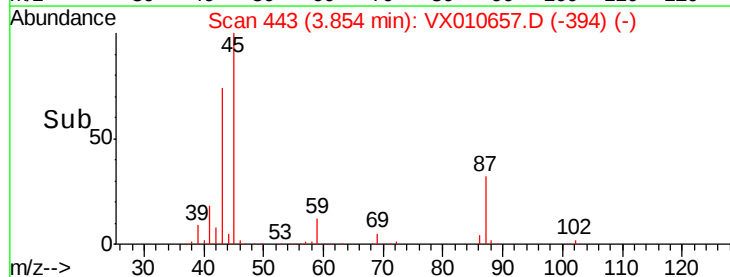
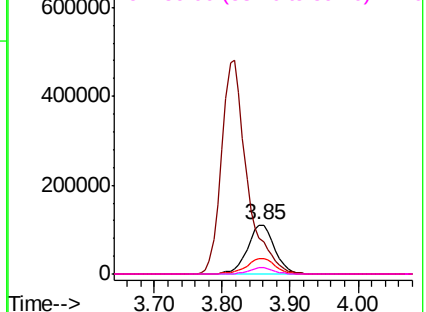
Abundance

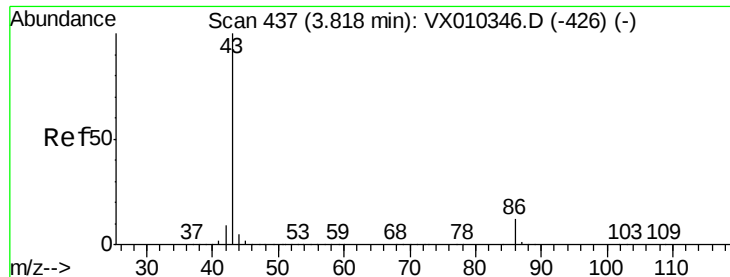
Ion 45.00 (44.70 to 45.70): VX0

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: 283.185 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

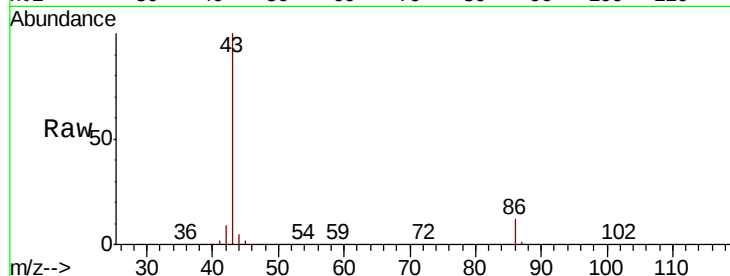
SP19-JMW0991MSD

Tot Ion: 43 Resp: 1247359

Ion Ratio Lower Upper

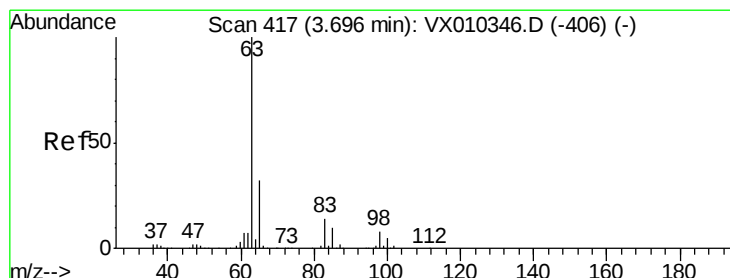
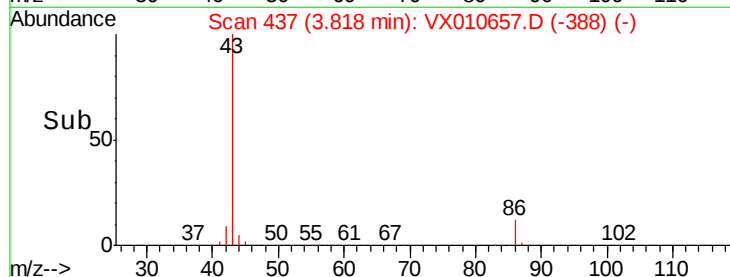
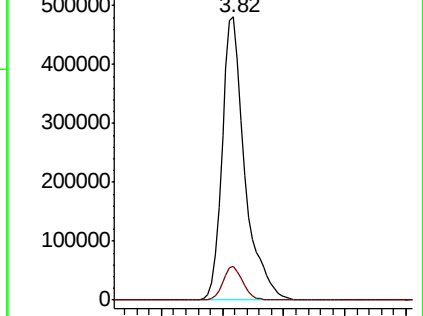
43 100

86 11.9 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 59.920 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

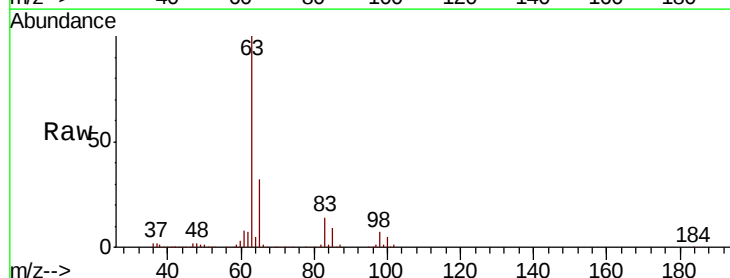
Tgt Ion: 63 Resp: 176600

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.7

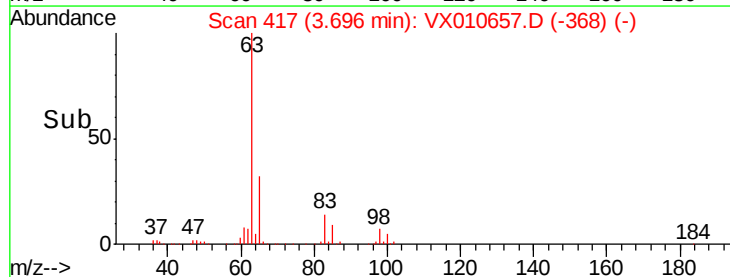
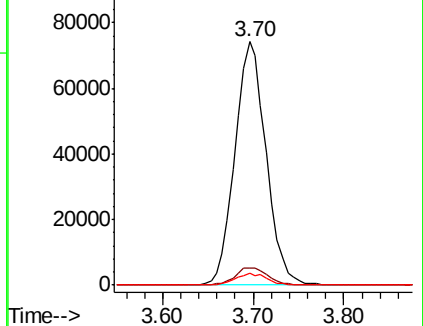
100 4.9 2.4 7.1

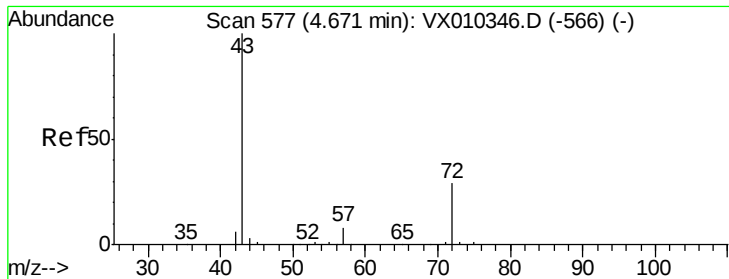


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 286.438 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

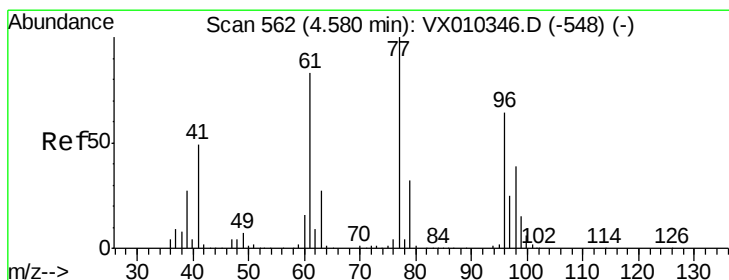
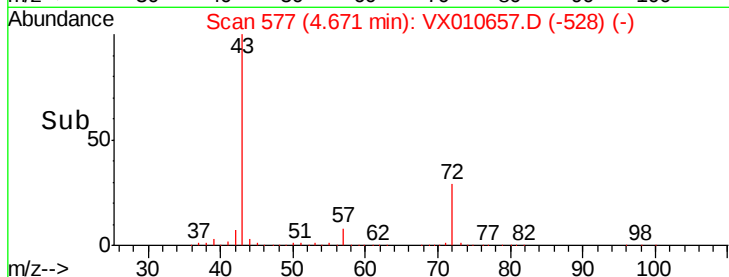
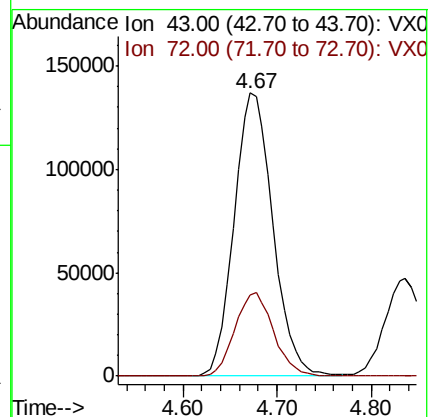
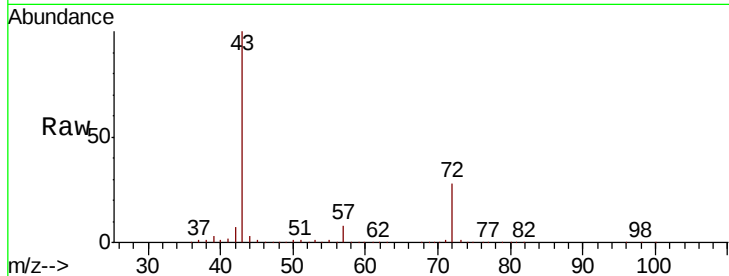
SP19-JMW0991MSD

Tot Ion: 43 Resp: 391266

Ion Ratio Lower Upper

43 100

72 28.4 23.3 34.9



#26

2,2-Dichloropropane

Concen: 39.246 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010657.D

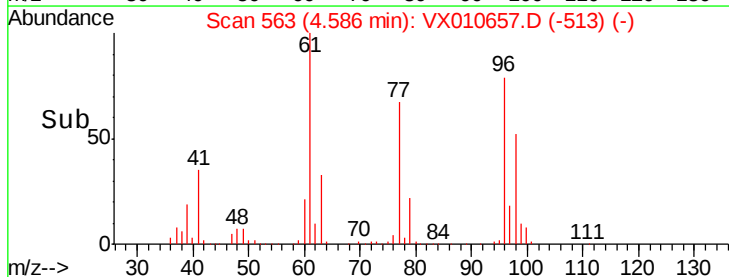
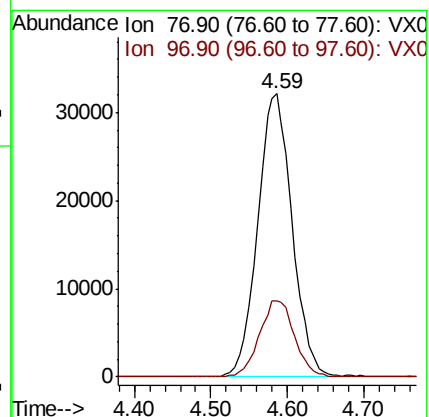
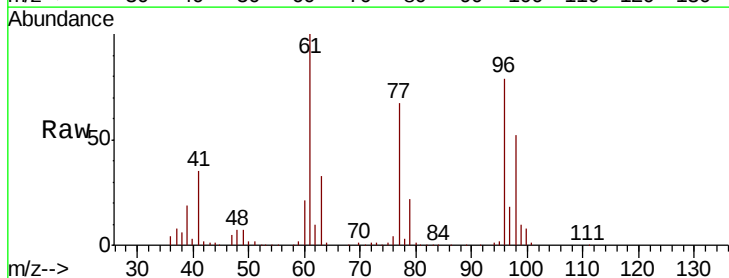
Acq: 03 Jul 2019 21:52

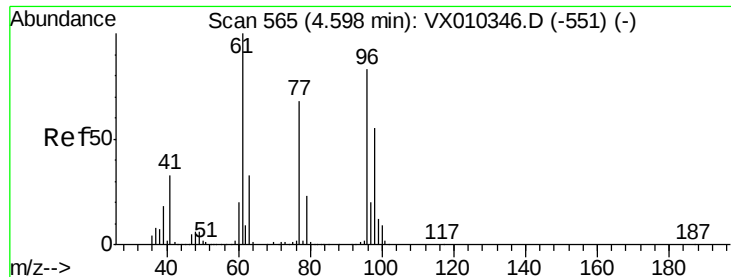
Tgt Ion: 77 Resp: 100480

Ion Ratio Lower Upper

77 100

97 27.4 13.1 39.3



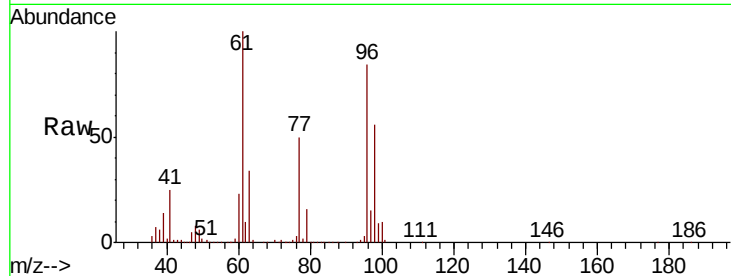


#27

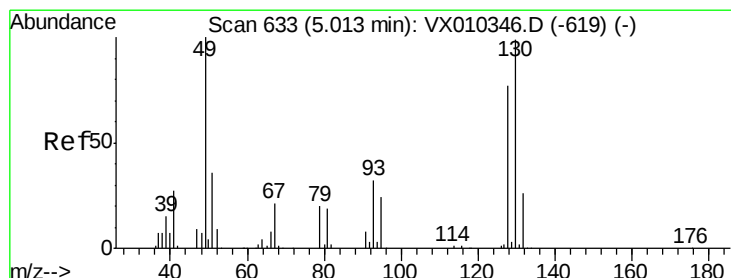
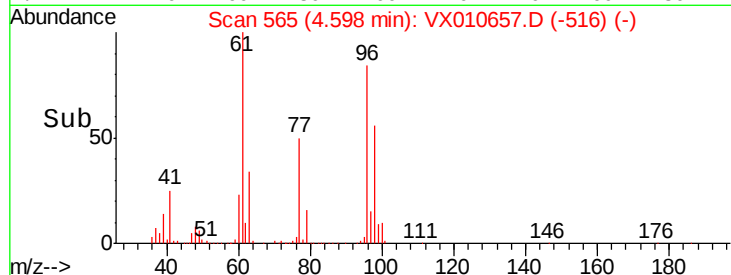
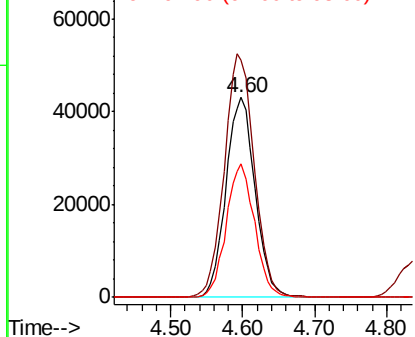
cis-1,2-Dichloroethene
Concen: 56.924 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.0	0.0	251.8
98	64.7	0.0	129.4



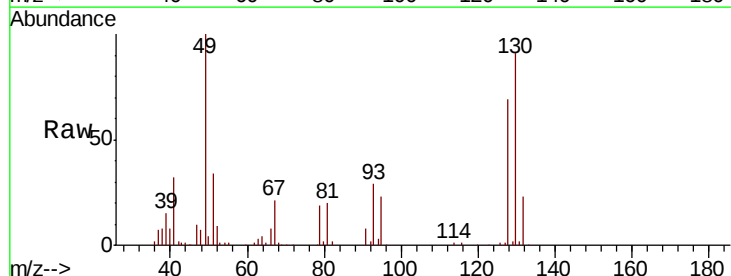
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



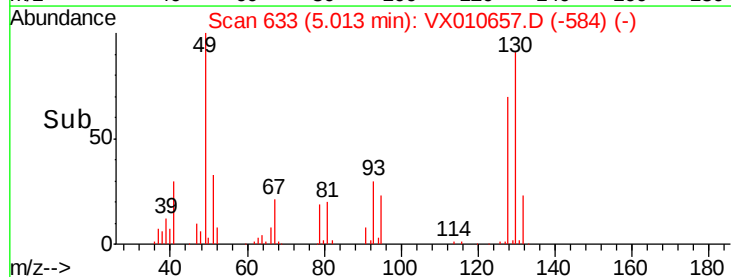
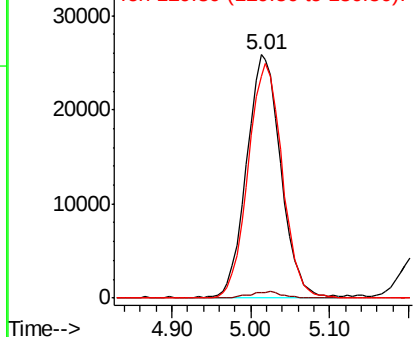
#28

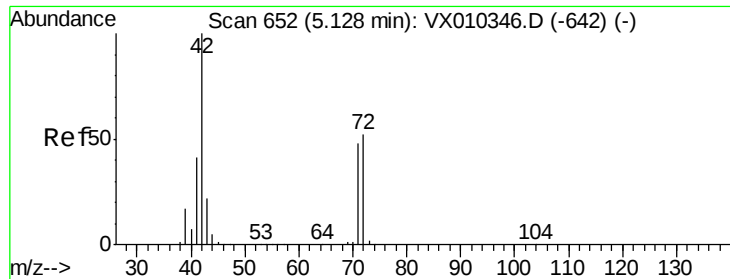
Bromochloromethane
Concen: 55.570 ug/l
RT: 5.01 min Scan# 633
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.6
130	95.3	81.4	122.0



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: 305.158 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

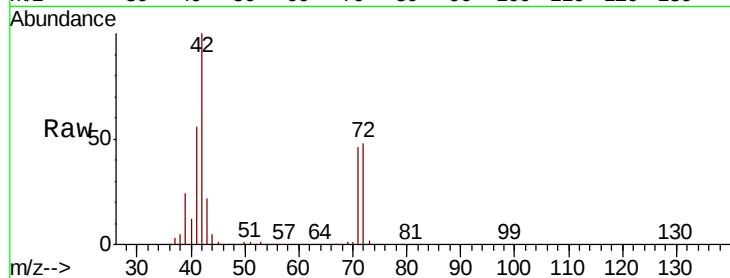
Tot Ion: 42 Resp: 258192

Ion Ratio Lower Upper

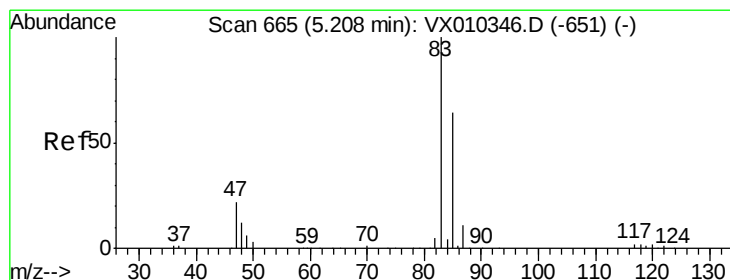
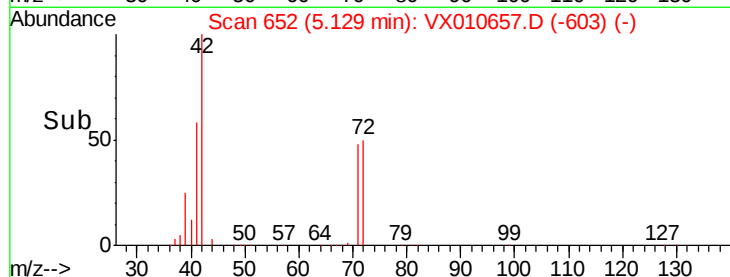
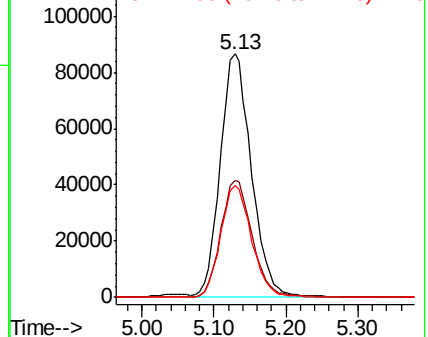
42 100

72 49.3 40.6 60.8

71 46.1 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 58.675 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010657.D

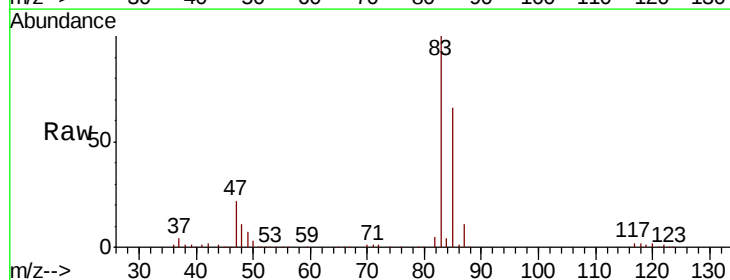
Acq: 03 Jul 2019 21:52

Tgt Ion: 83 Resp: 186062

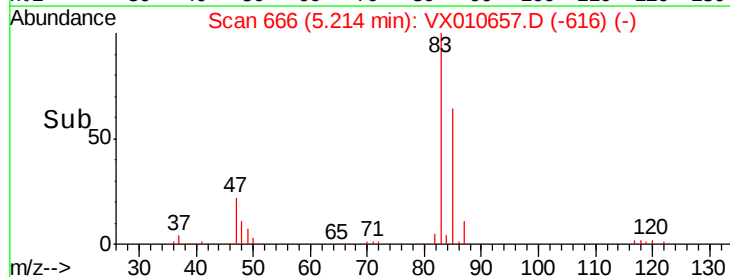
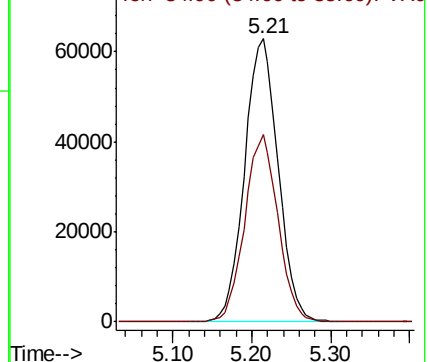
Ion Ratio Lower Upper

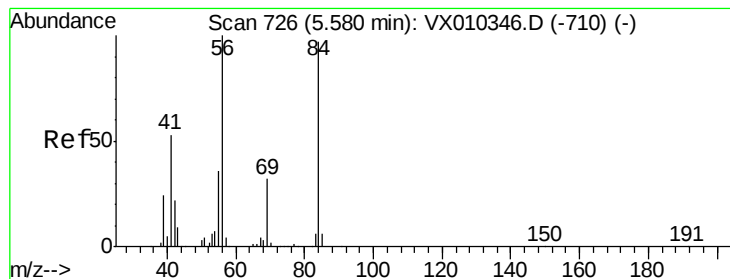
83 100

85 66.0 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.276 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

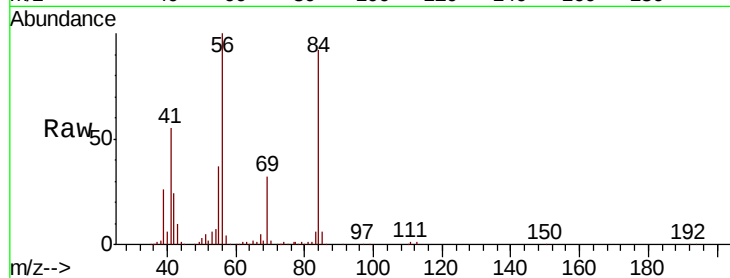
Tot Ion: 56 Resp: 132252

Ion Ratio Lower Upper

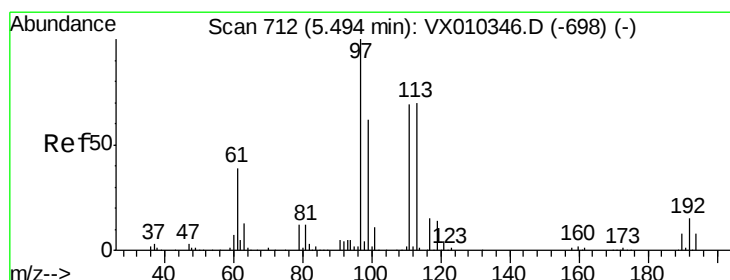
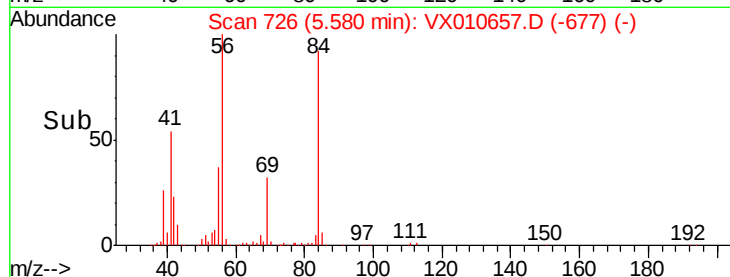
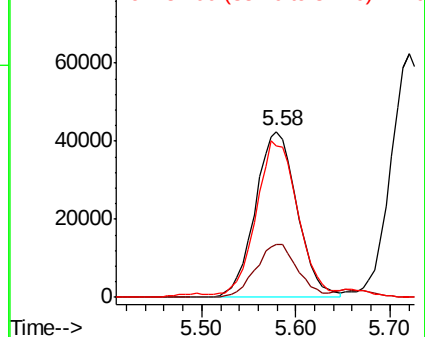
56 100

69 32.2 25.9 38.9

84 89.7 78.0 117.0



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.679 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

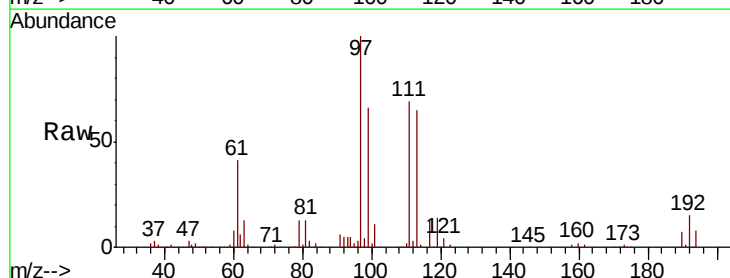
Tgt Ion: 97 Resp: 155904

Ion Ratio Lower Upper

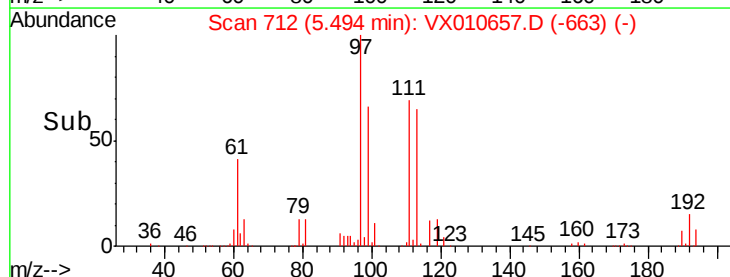
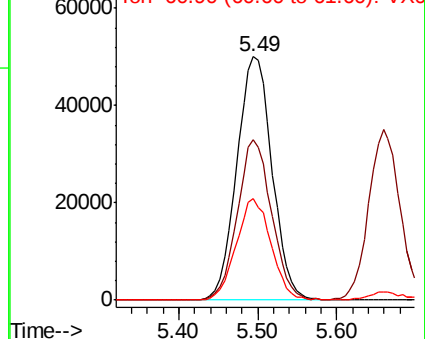
97 100

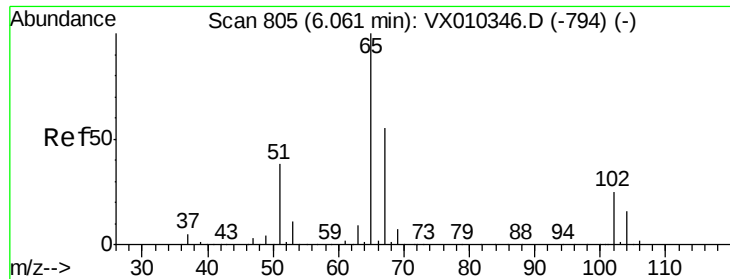
99 64.0 51.8 77.8

61 41.3 32.1 48.1



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 56.118 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

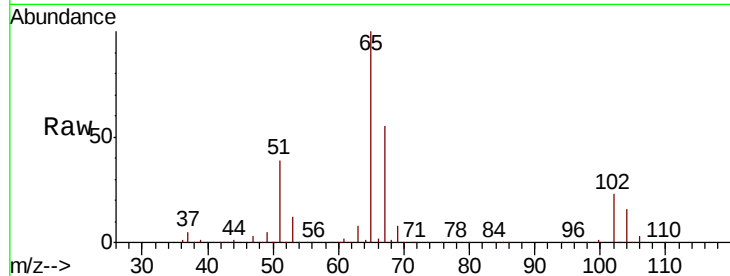
SP19-JMW0991MSD

Tot Ion: 65 Resp: 104272

Ion Ratio Lower Upper

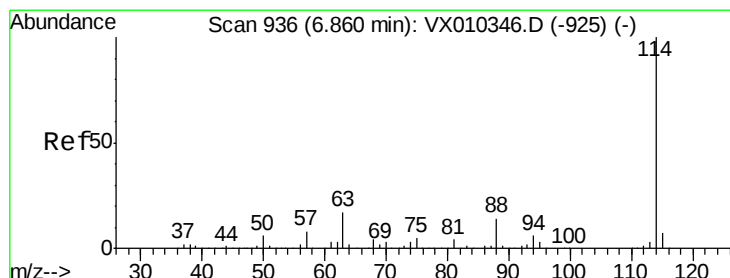
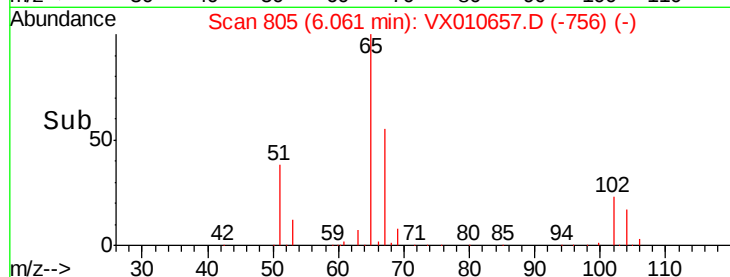
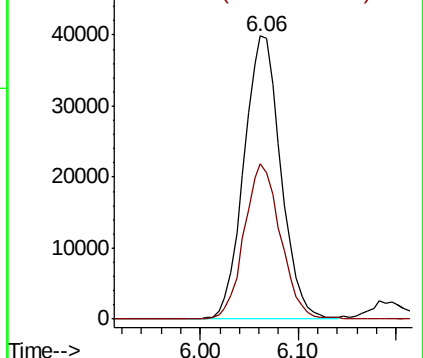
65 100

67 54.1 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

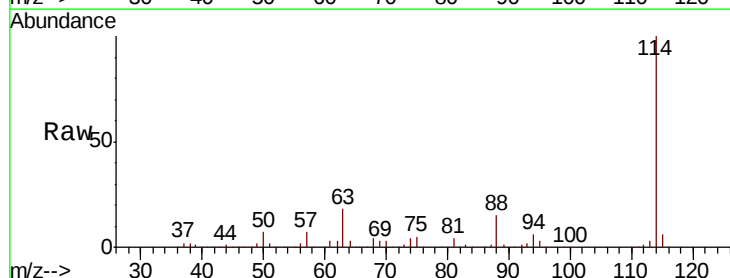
Tgt Ion: 114 Resp: 310314

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.8

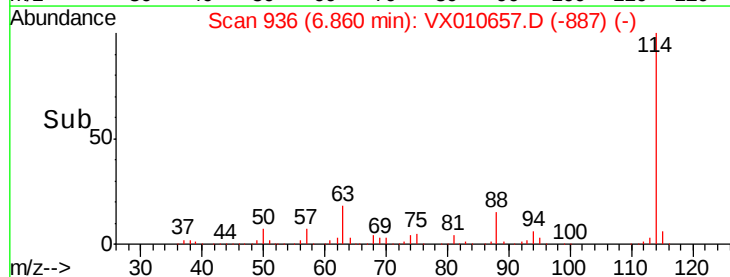
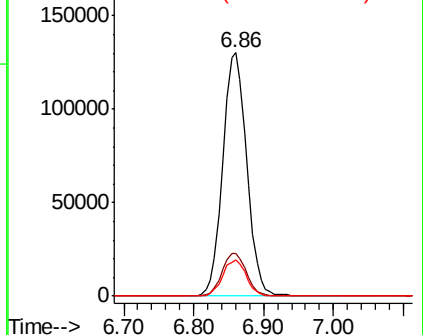
88 14.7 0.0 27.6

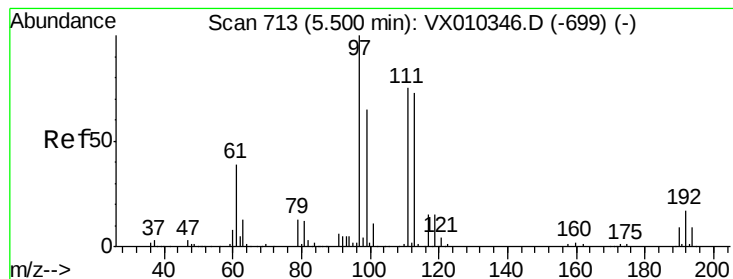


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.931 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

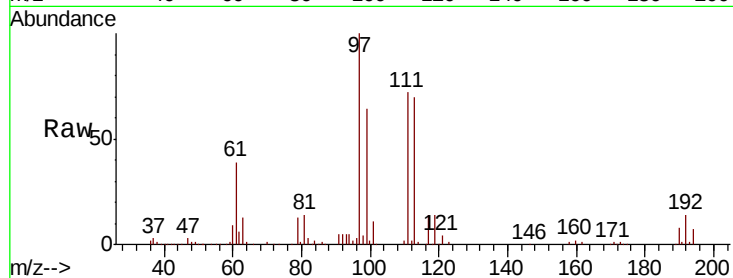
Tot Ion:113 Resp: 98597

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

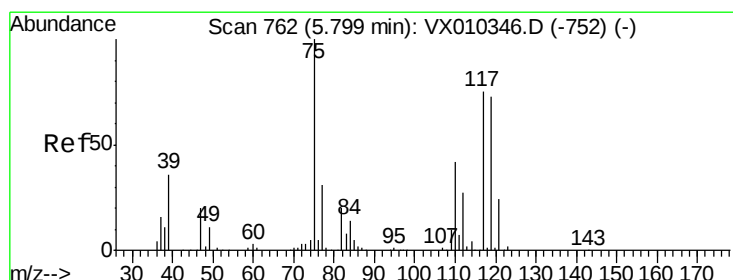
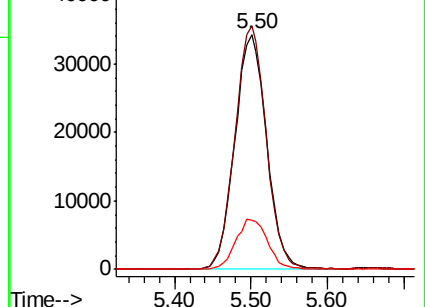
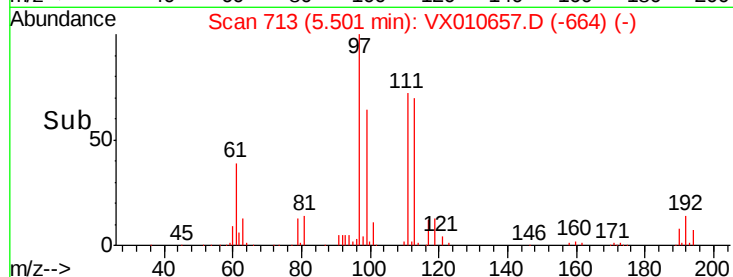
192 21.4 18.6 27.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 51.264 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

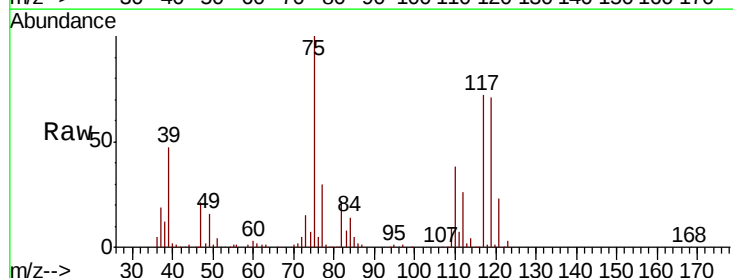
Tgt Ion: 75 Resp: 126414

Ion Ratio Lower Upper

75 100

110 39.5 20.8 62.2

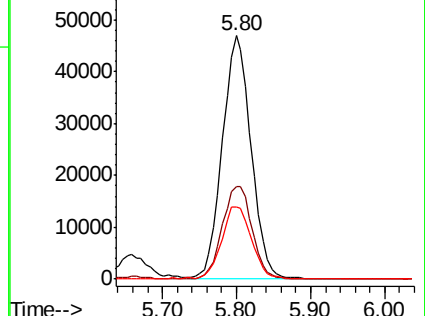
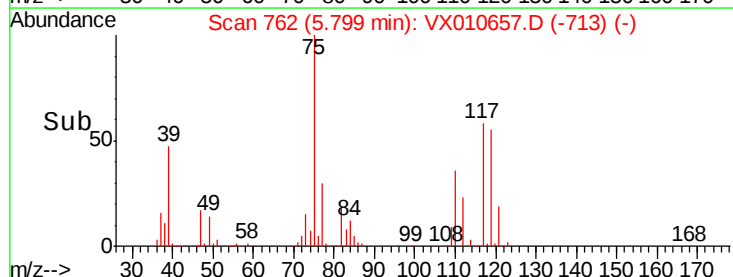
77 31.4 25.4 38.0

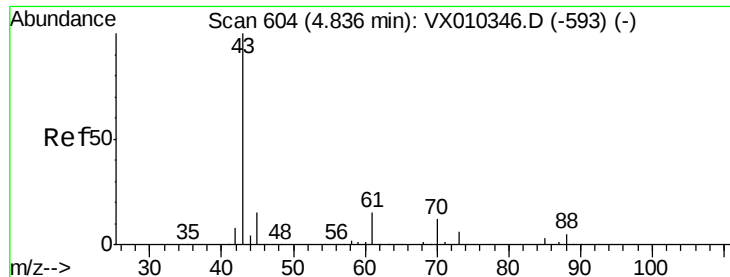


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 54.817 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

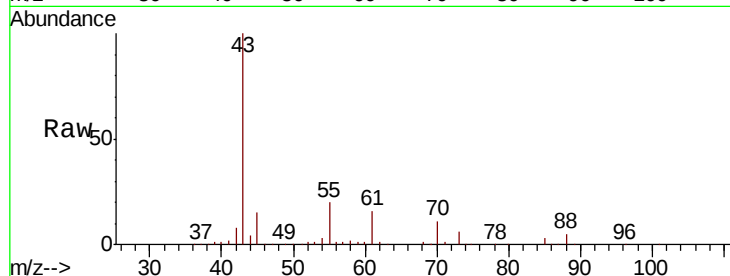
Tot Ion: 43 Resp: 139061

Ion Ratio Lower Upper

43 100

61 15.0 12.4 18.6

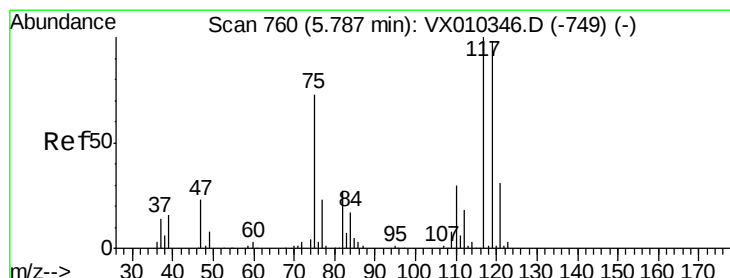
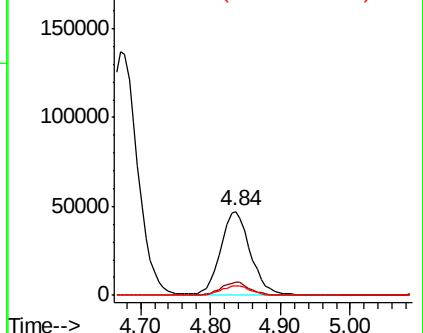
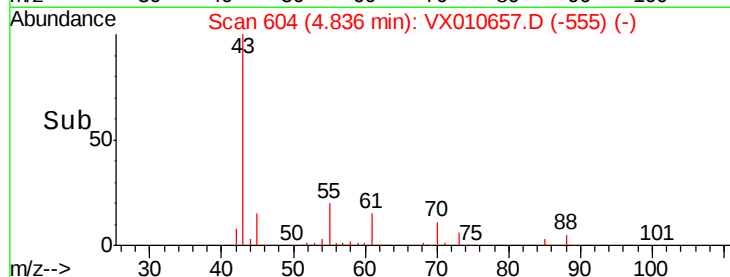
70 11.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 49.783 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

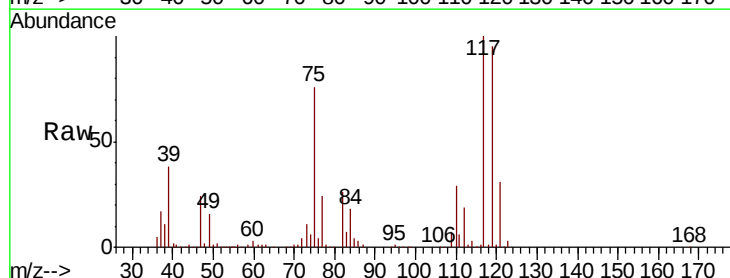
Tgt Ion: 117 Resp: 132934

Ion Ratio Lower Upper

117 100

119 94.8 78.2 117.4

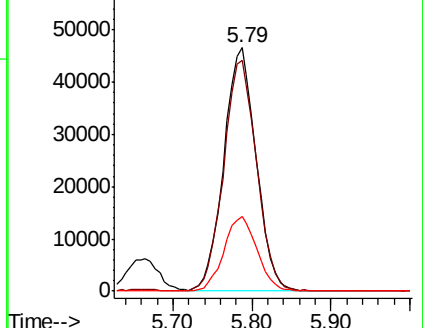
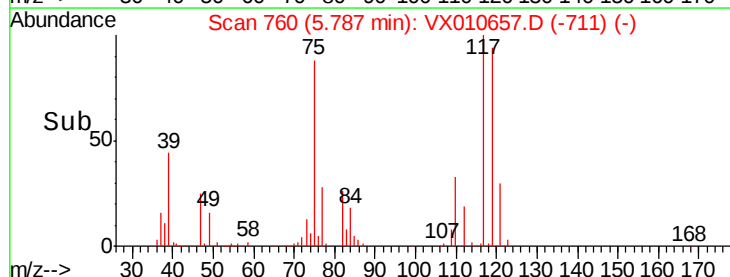
121 30.7 24.7 37.1

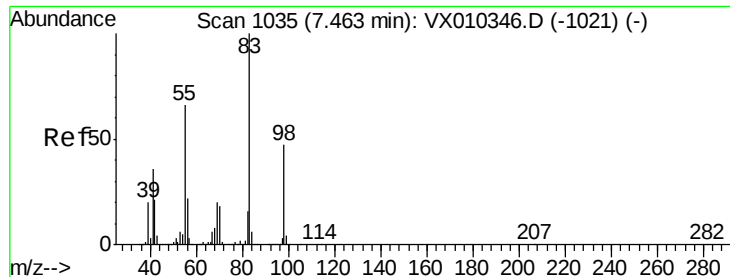


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

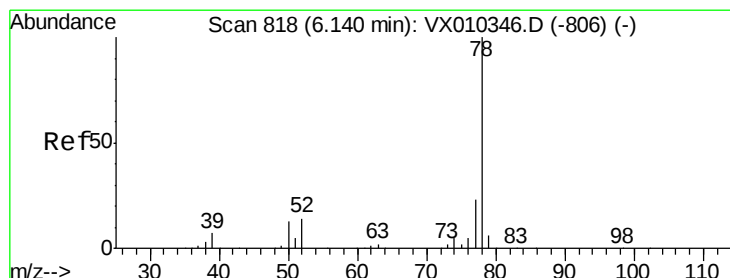
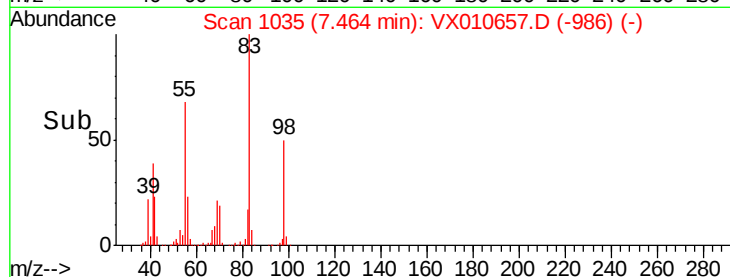
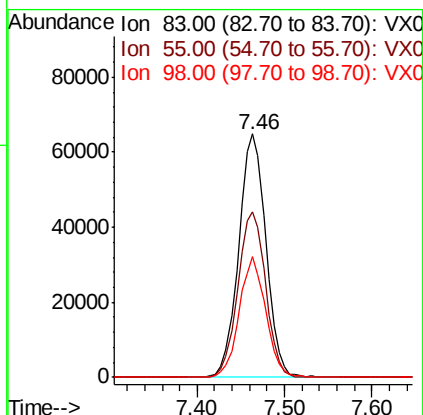
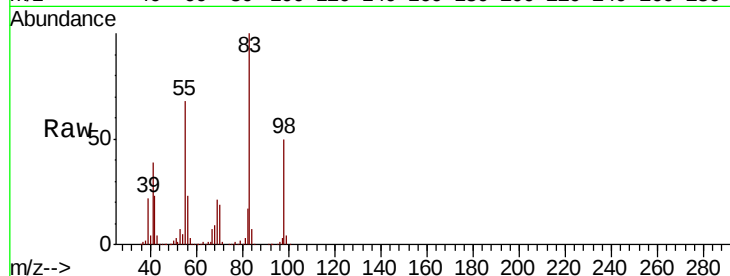




#39
Methvlcvclohexane
Concen: 43.148 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

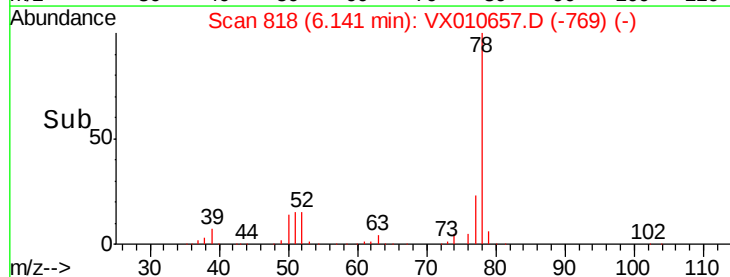
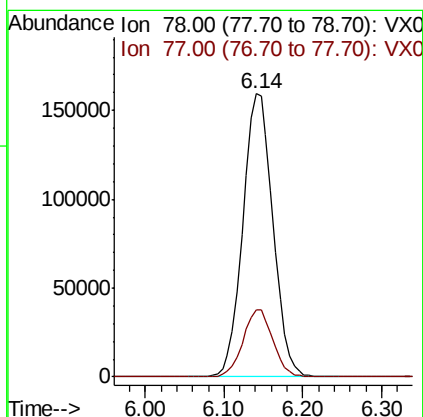
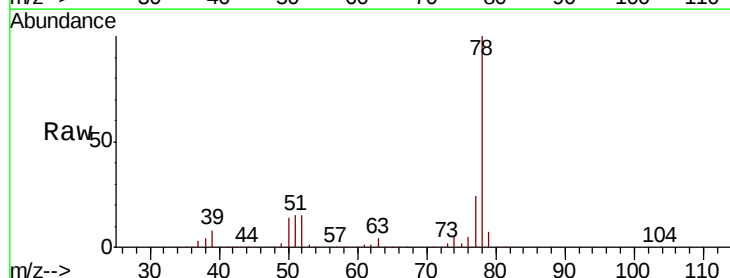
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

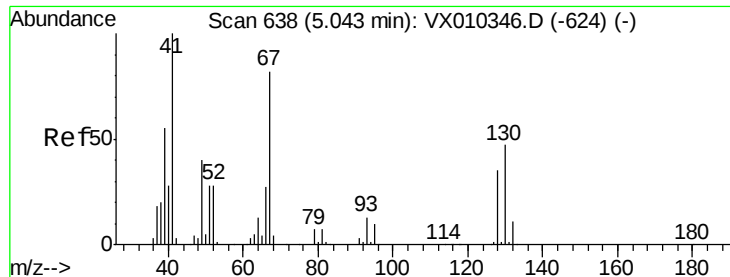
Tot Ion: 83 Resp: 139858
Ion Ratio Lower Upper
83 100
55 67.7 53.0 79.6
98 49.7 37.8 56.8



#40
Benzene
Concen: 54.932 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 78 Resp: 422013
Ion Ratio Lower Upper
78 100
77 23.8 18.6 28.0





#41

Methacrylonitrile

Concen: 58.326 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 41 Resp: 81185

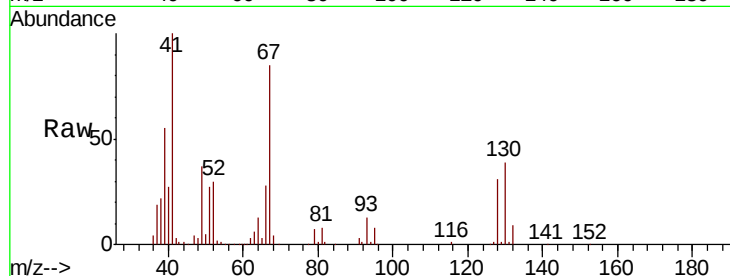
Ion Ratio Lower Upper

41 100

39 54.5 43.8 65.8

67 81.6 66.6 100.0

52 31.5 24.5 36.7

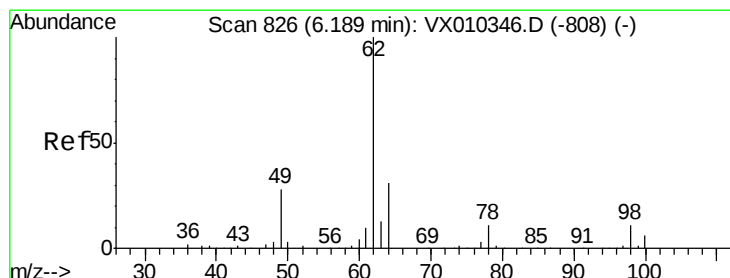
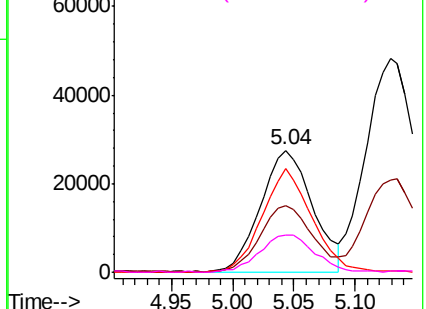
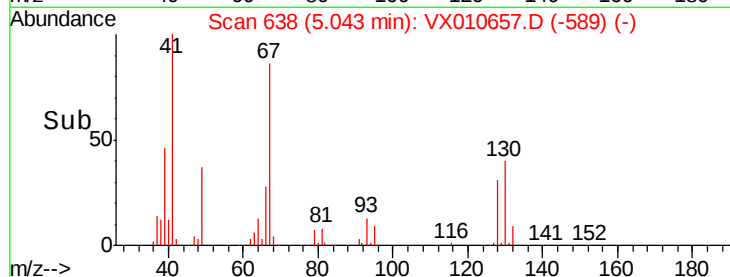


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 61.141 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010657.D

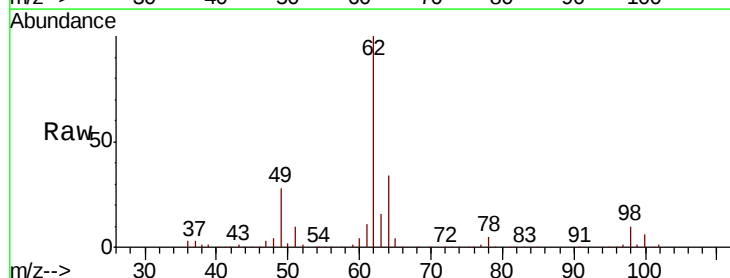
Acq: 03 Jul 2019 21:52

Tgt Ion: 62 Resp: 142982

Ion Ratio Lower Upper

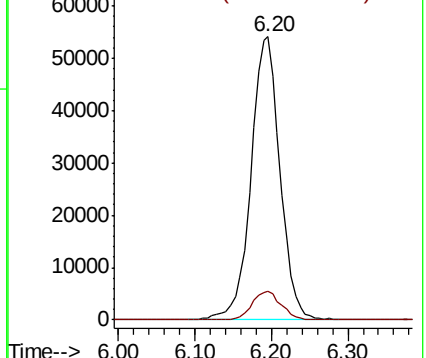
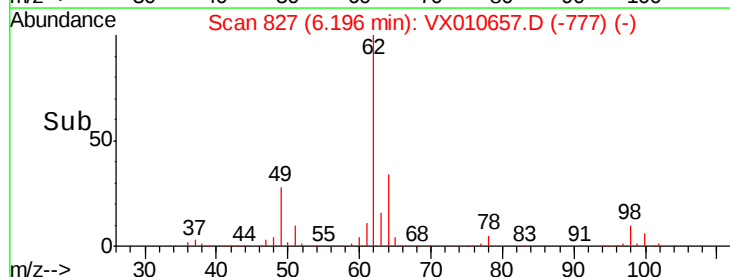
62 100

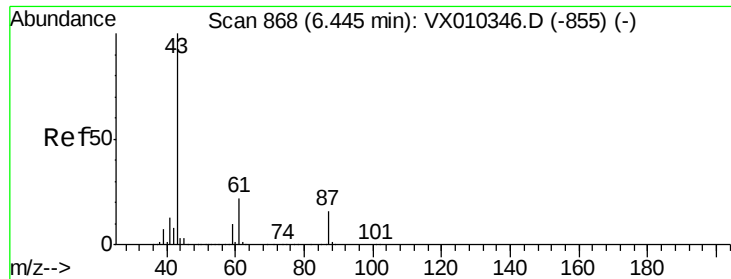
98 10.0 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



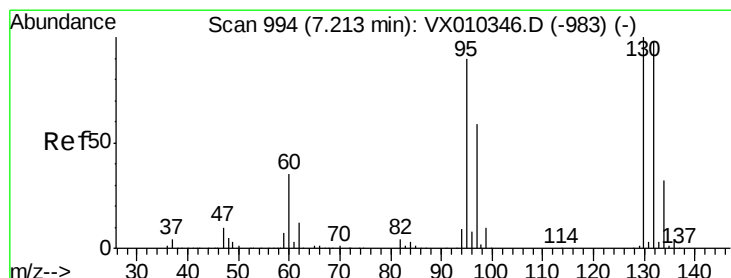
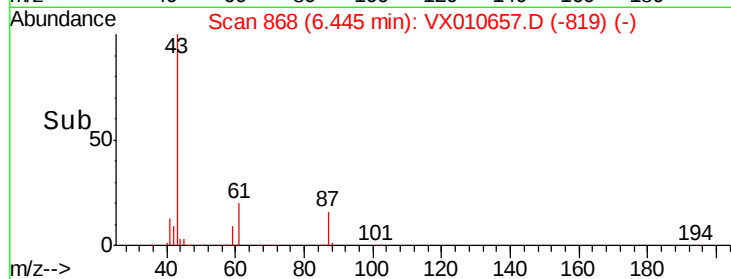
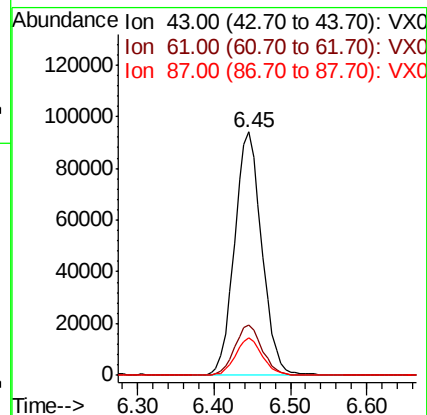
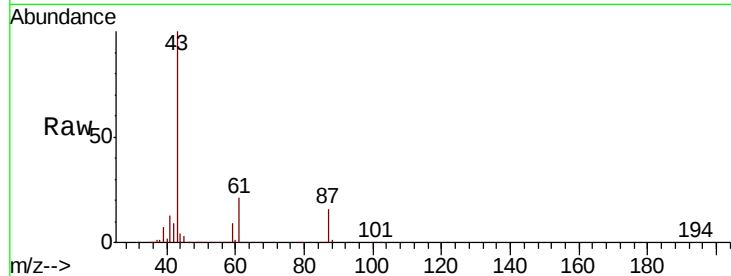


#43

Isopropyl Acetate
 Concen: 55.017 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

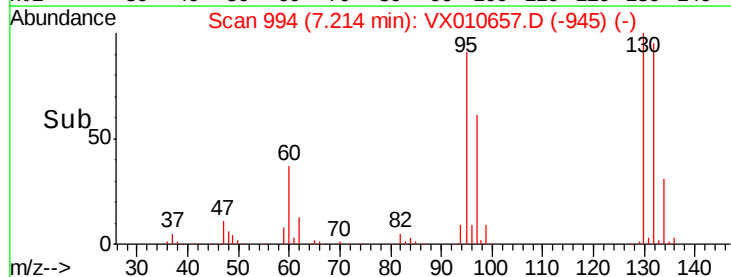
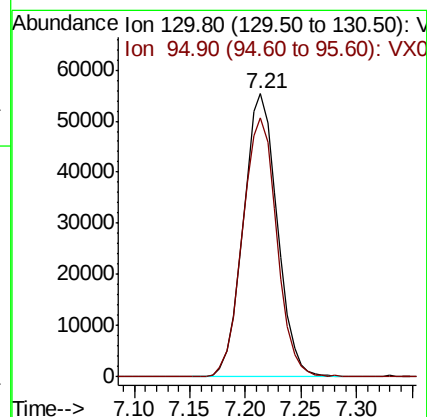
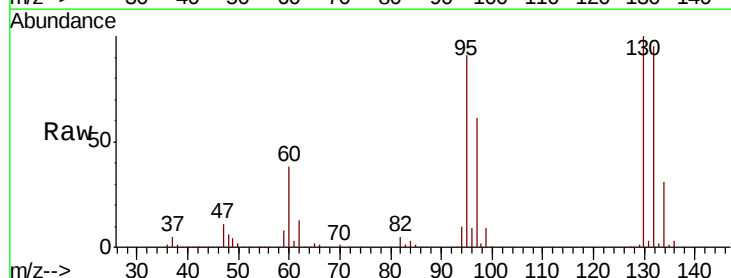
Tot Ion: 43 Resp: 230914
 Ion Ratio Lower Upper
 43 100
 61 21.0 17.8 26.6
 87 15.3 13.0 19.4

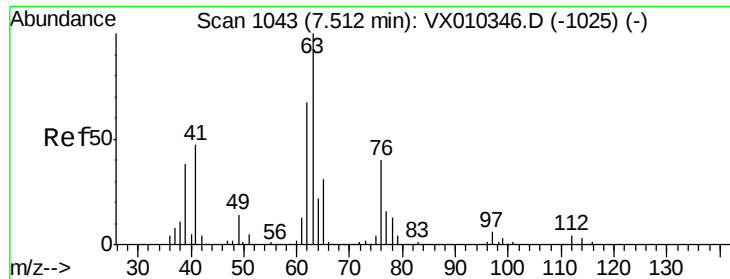


#44

Trichloroethene
 Concen: 50.995 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 130 Resp: 117227
 Ion Ratio Lower Upper
 130 100
 95 91.3 0.0 180.8





#45

1,2-Dichloropropane

Concen: 55.145 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

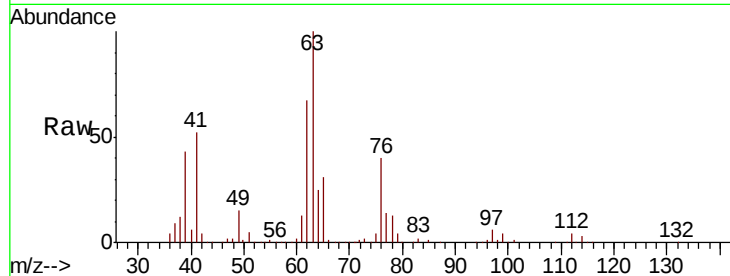
SP19-JMW0991MSD

Tot Ion: 63 Resp: 106984

Ion Ratio Lower Upper

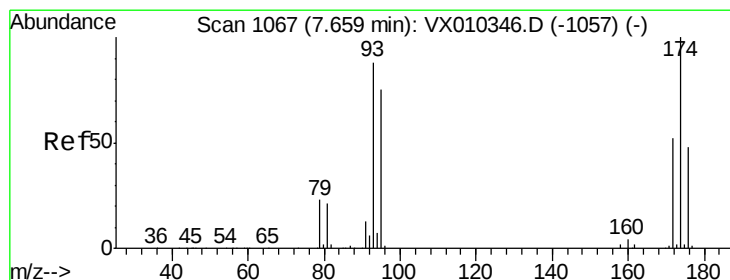
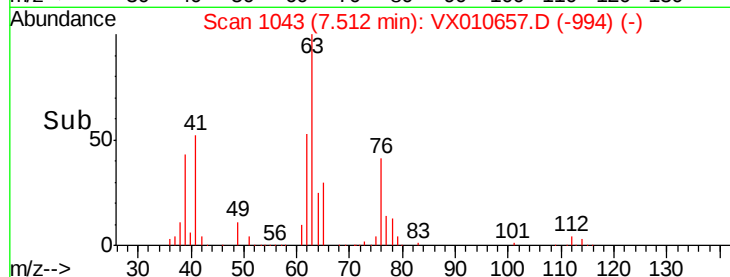
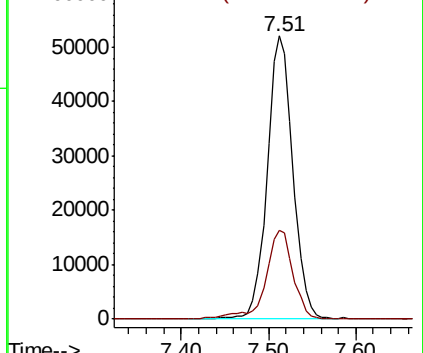
63 100

65 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 56.678 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

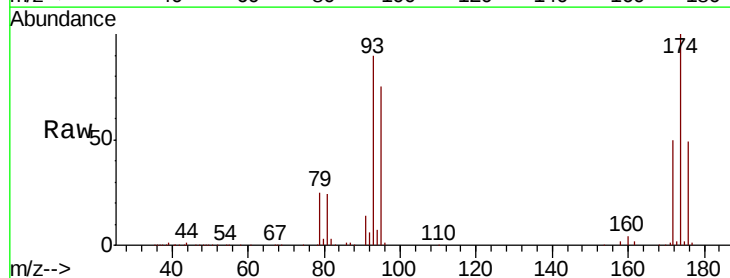
Tgt Ion: 93 Resp: 78893

Ion Ratio Lower Upper

93 100

95 83.0 67.5 101.3

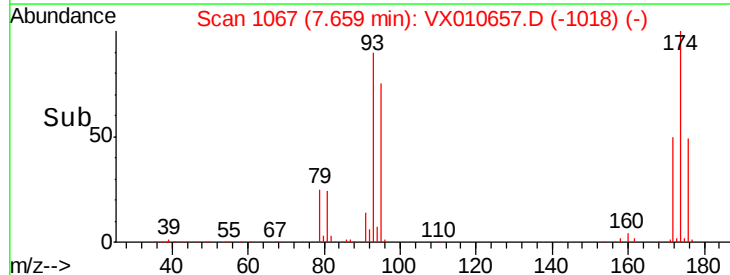
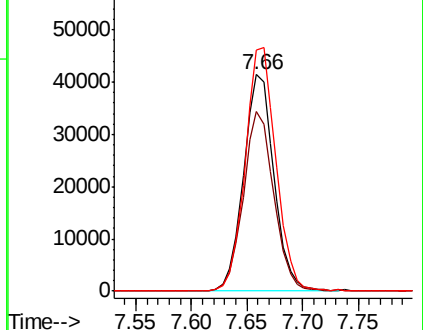
174 113.5 95.8 143.6

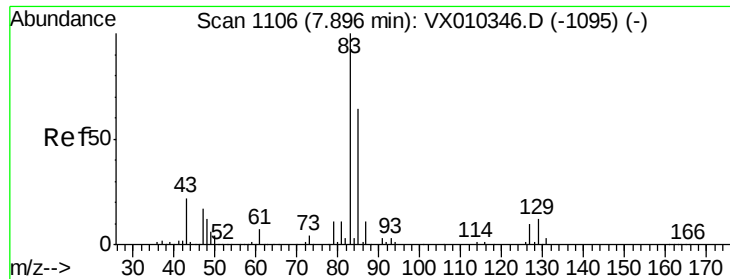


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

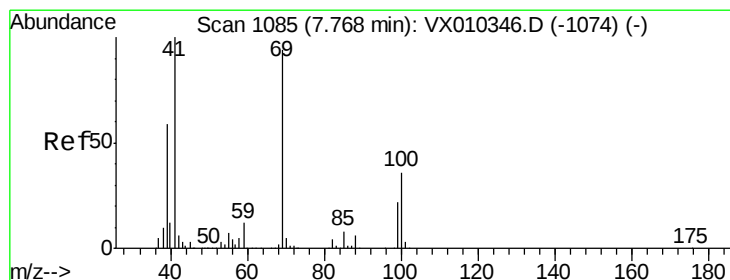
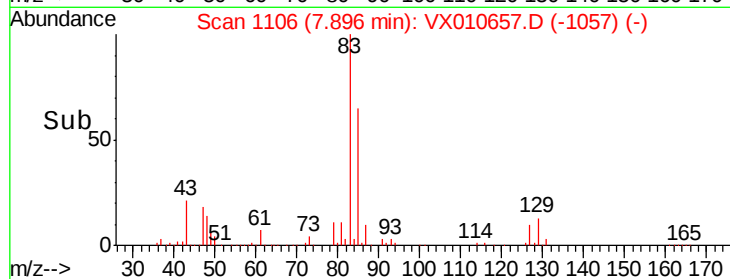
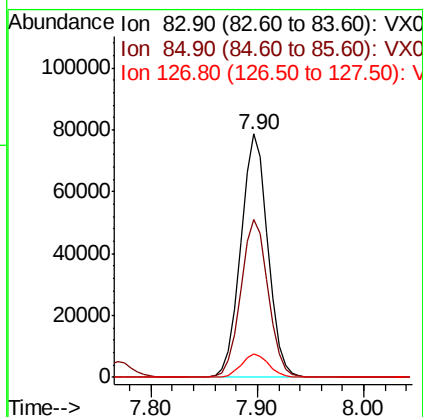
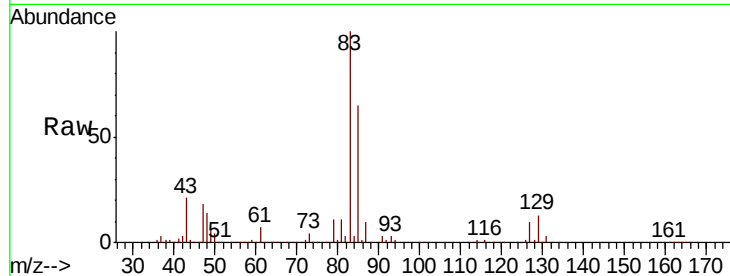




#47
Bromodichloromethane
Concen: 54.803 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

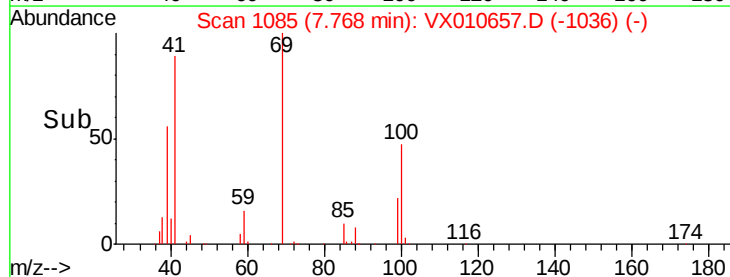
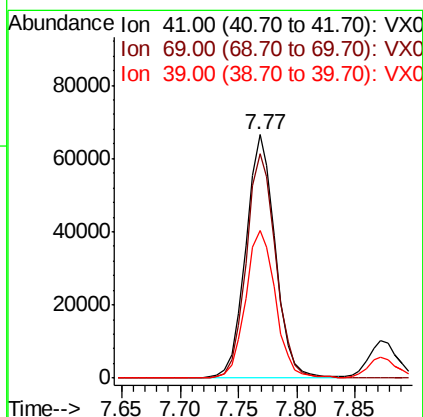
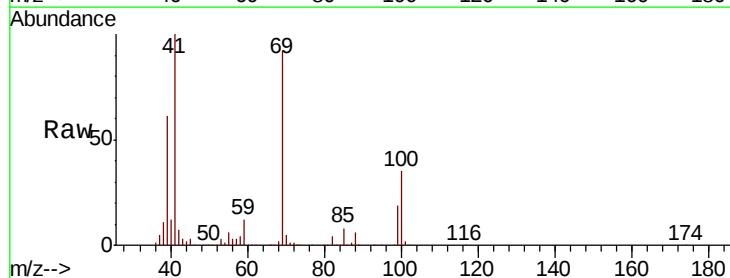
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

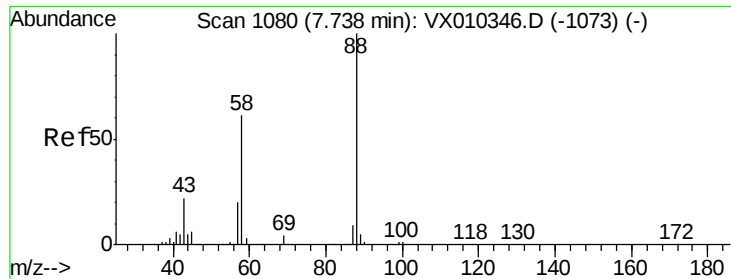
Tot Ion	83	Resp	139798
Ion Ratio	Lower	Upper	
83	100		
85	65.1	51.5	77.3
127	9.8	7.8	11.8



#48
Methyl methacrylate
Concen: 60.208 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion	41	Resp	117461
Ion Ratio	Lower	Upper	
41	100		
69	92.6	76.1	114.1
39	61.3	47.6	71.4





#49

1,4-Dioxane

Concen: 1076.628 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

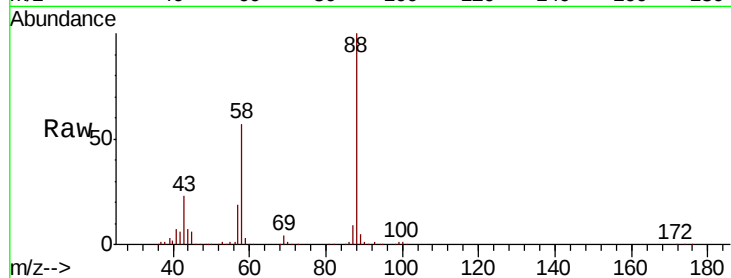
Tot Ion: 88 Resp: 60507

Ion Ratio Lower Upper

88 100

43 26.2 20.2 30.2

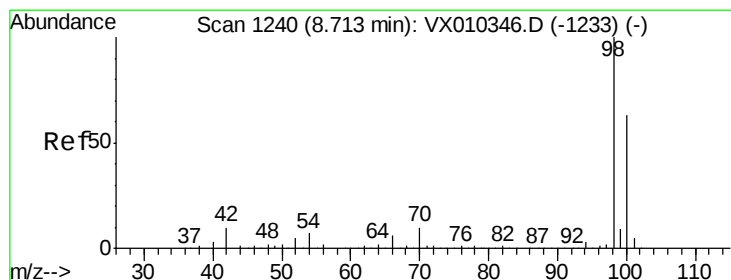
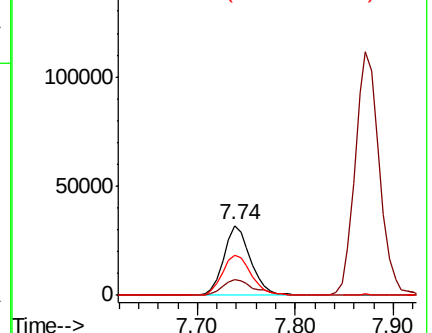
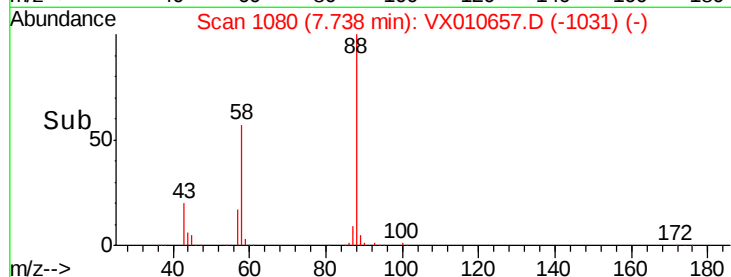
58 62.5 49.5 74.3



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: 47.354 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010657.D

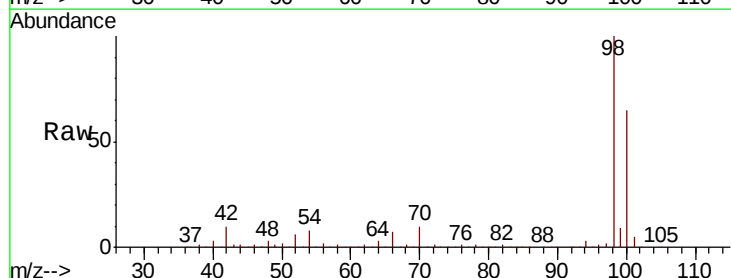
Acq: 03 Jul 2019 21:52

Tgt Ion: 98 Resp: 343965

Ion Ratio Lower Upper

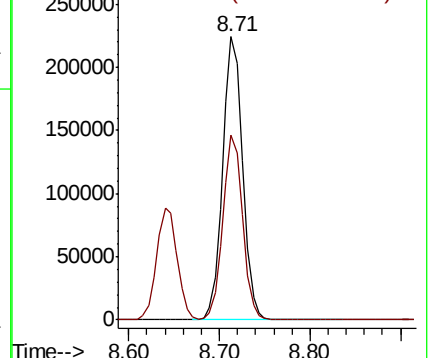
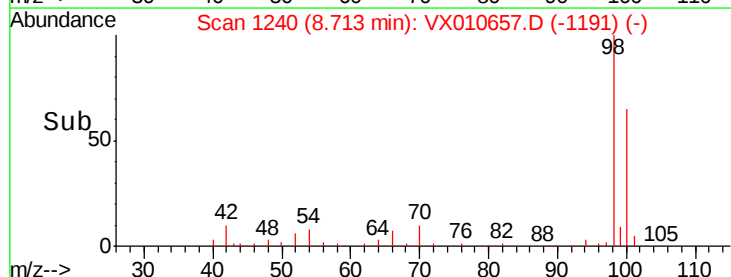
98 100

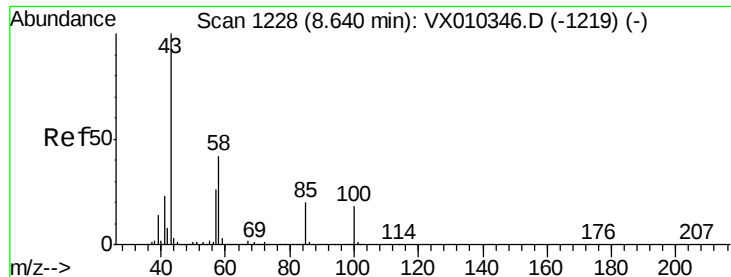
100 64.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

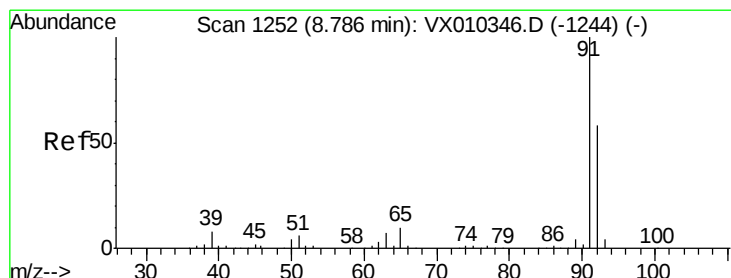
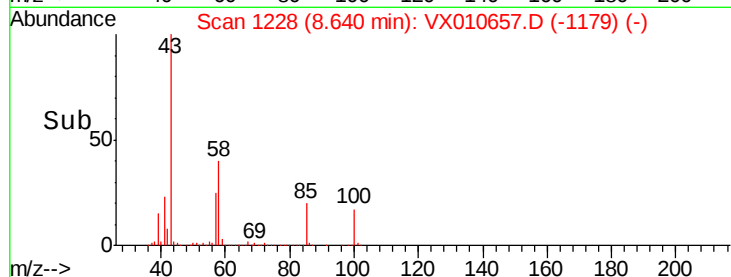
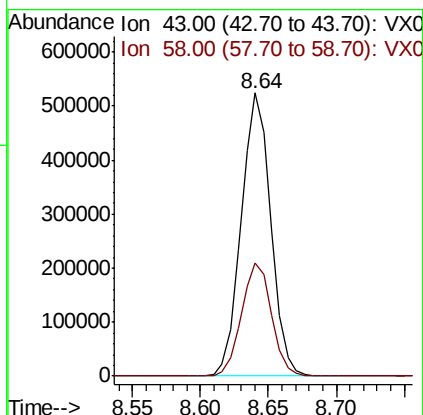
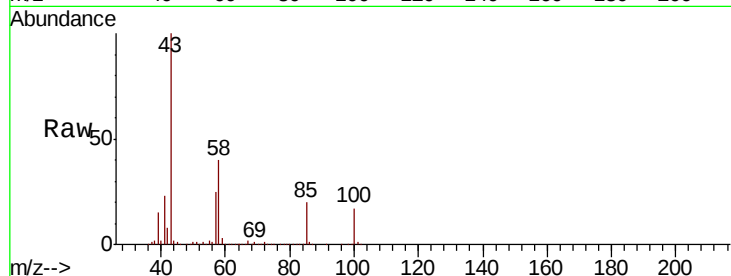




#51
 4-Methyl-2-Pentanone
 Concen: 295.953 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

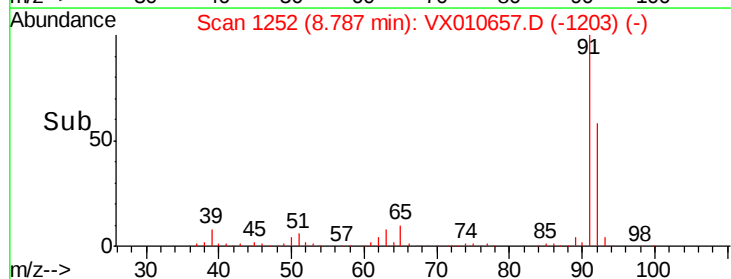
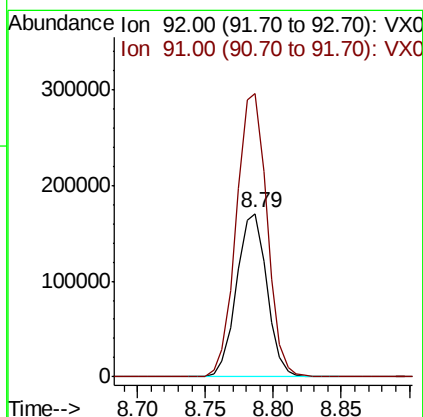
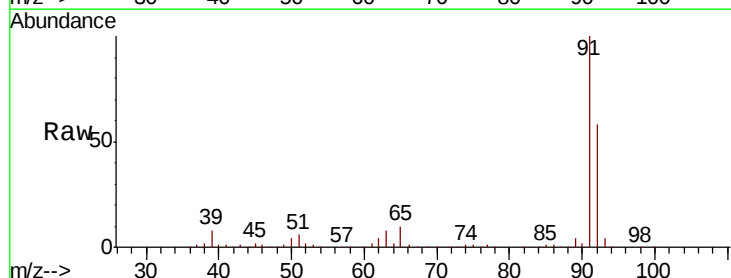
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

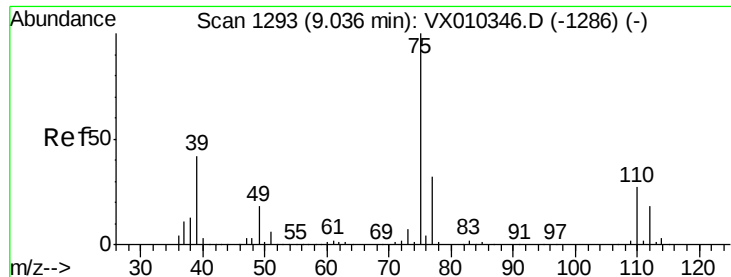
Tot Ion: 43 Resp: 794439
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3



#52
 Toluene
 Concen: 52.370 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 92 Resp: 264953
 Ion Ratio Lower Upper
 92 100
 91 175.8 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 51.647 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

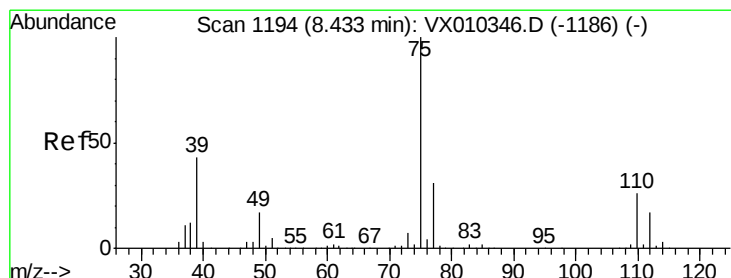
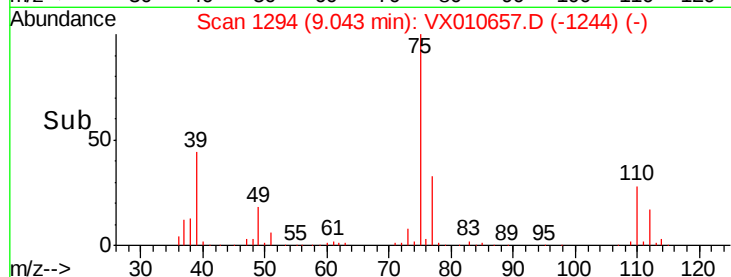
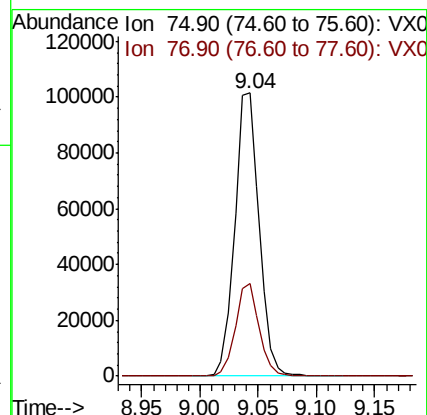
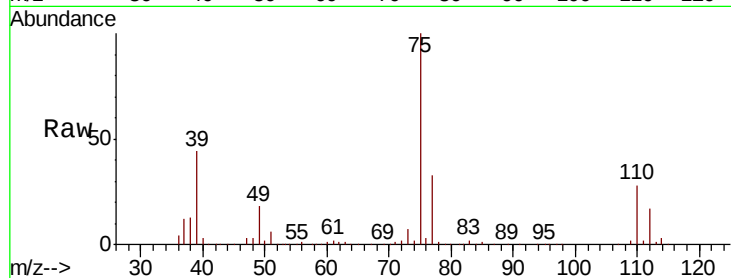
SP19-JMW0991MSD

Tot Ion: 75 Resp: 147707

Ion Ratio Lower Upper

75 100

77 32.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 52.049 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

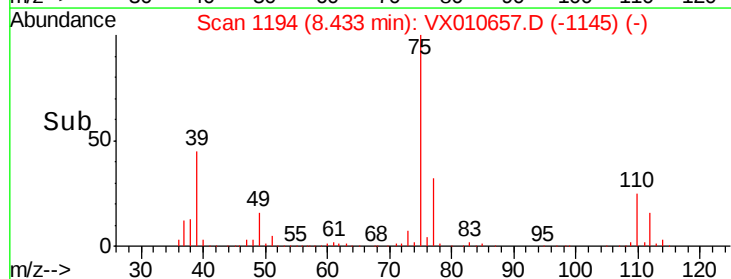
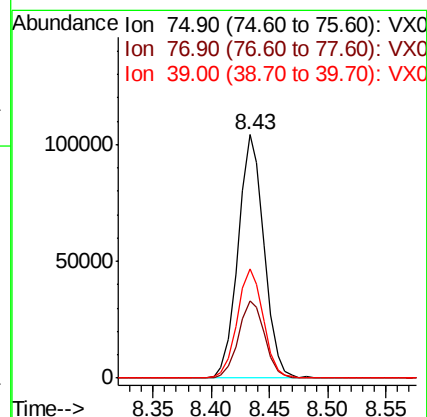
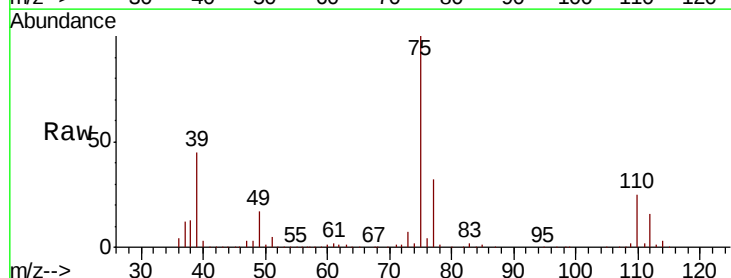
Tgt Ion: 75 Resp: 161765

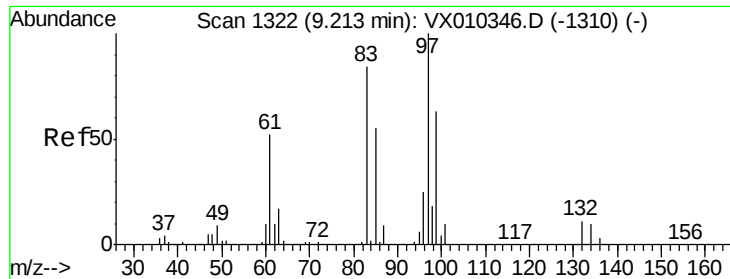
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 44.7 34.5 51.7

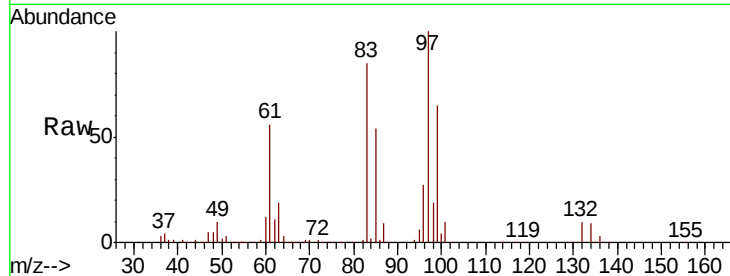




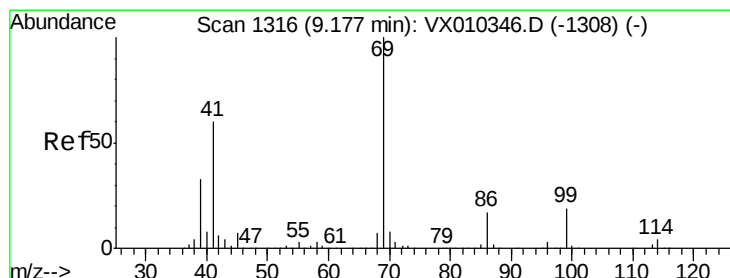
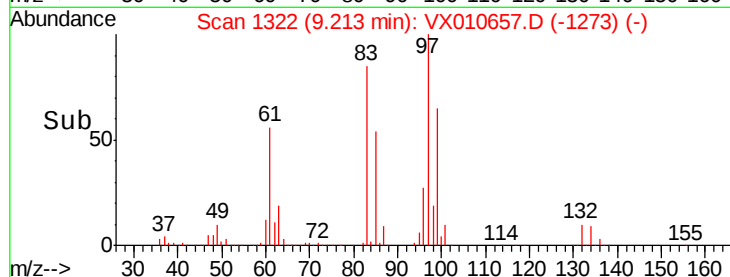
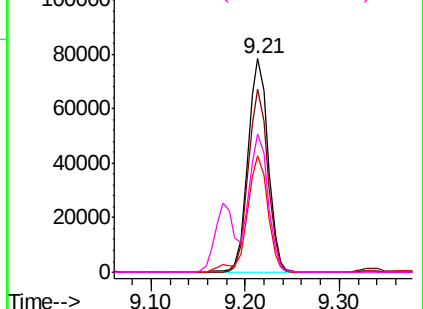
#55
 1,1,2-Trichloroethane
 Concen: 55.729 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion: 97 Resp: 116281
 Ion Ratio Lower Upper
 97 100
 83 85.4 67.4 101.0
 85 54.3 43.8 65.8
 99 65.0 50.3 75.5

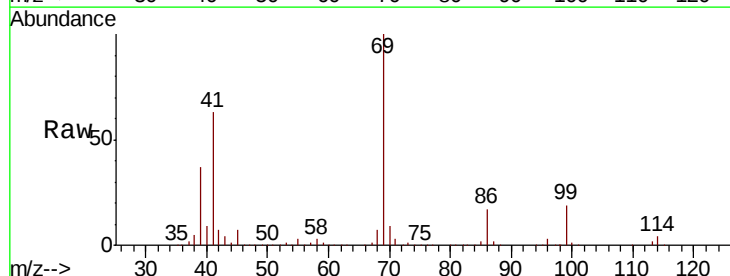


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

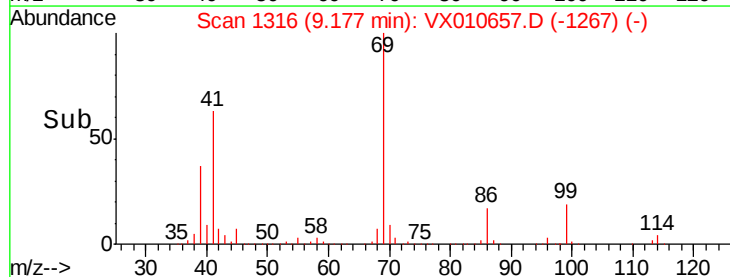
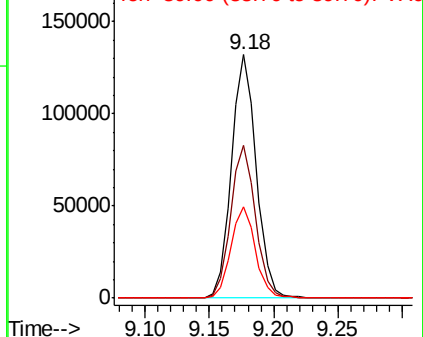


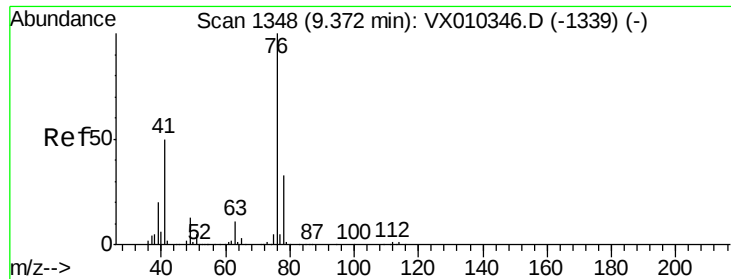
#56
 Ethyl methacrylate
 Concen: 56.291 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 69 Resp: 177925
 Ion Ratio Lower Upper
 69 100
 41 62.6 47.1 70.7
 39 37.0 26.6 40.0



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

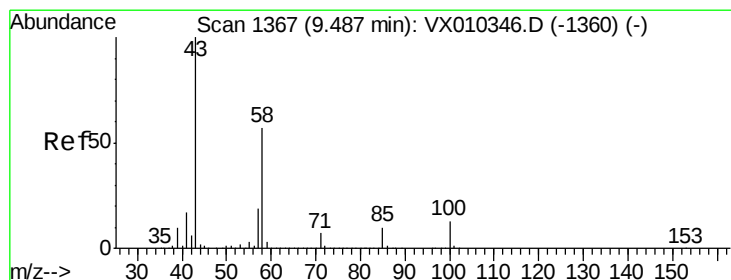
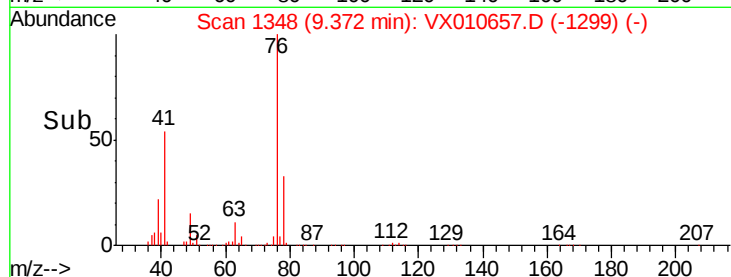
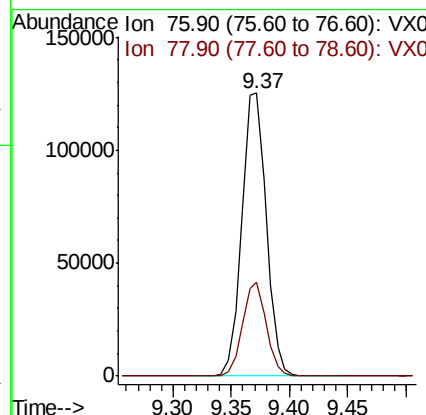
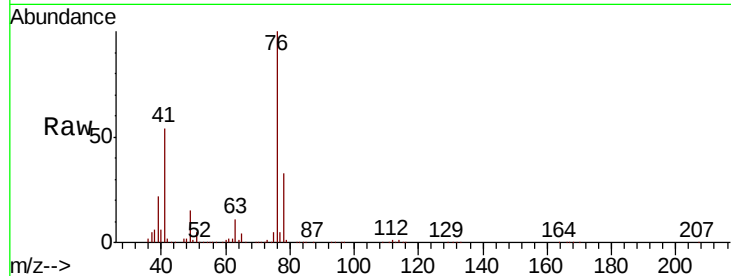




#57
 1,3-Dichloropropane
 Concen: 56.963 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

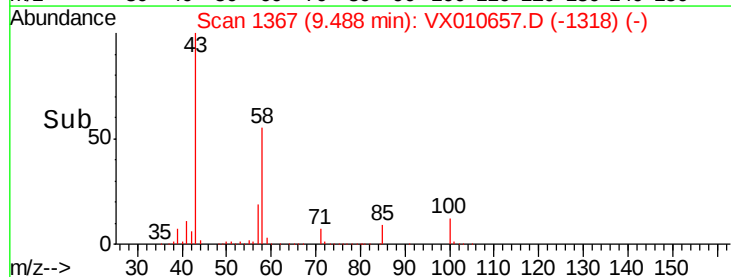
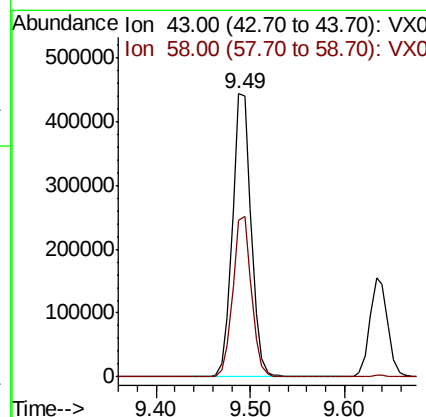
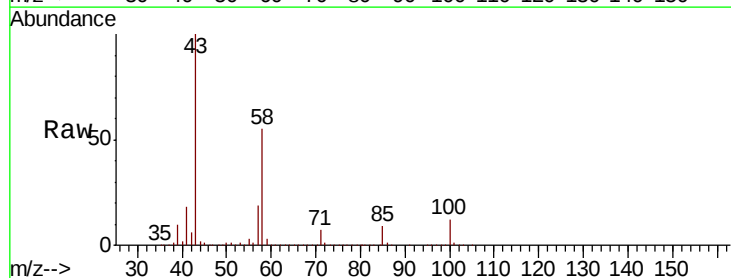
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

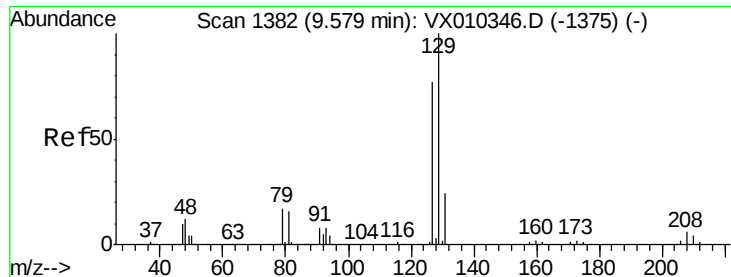
Tot Ion: 76 Resp: 184498
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#59
 2-Hexanone
 Concen: 289.430 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 43 Resp: 611471
 Ion Ratio Lower Upper
 43 100
 58 56.3 29.0 87.1





#60

Dibromochloromethane

Concen: 53.401 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

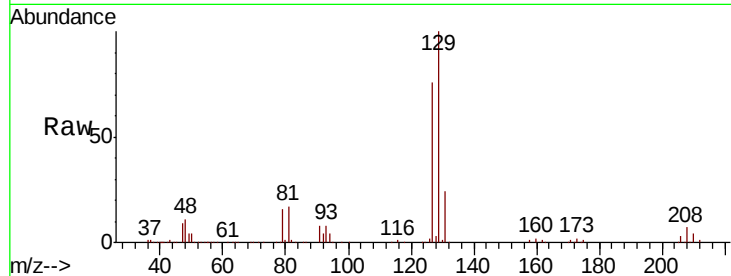
SP19-JMW0991MSD

Tot Ion:129 Resp: 124757

Ion Ratio Lower Upper

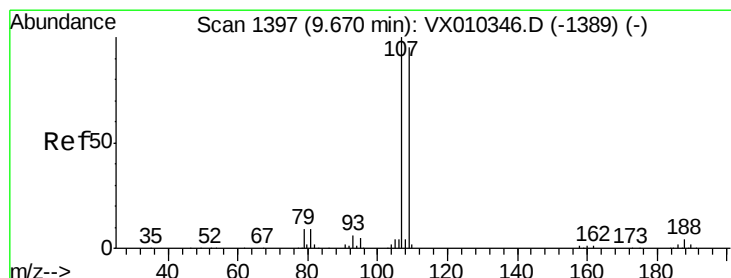
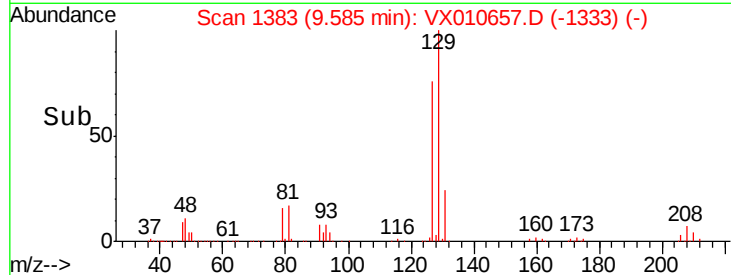
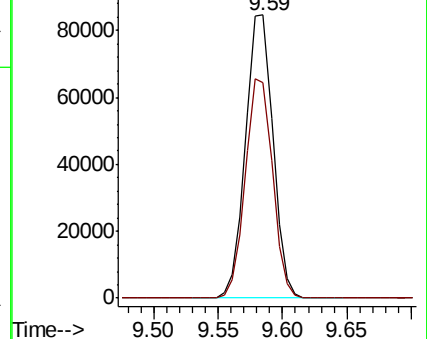
129 100

127 77.1 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 56.845 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010657.D

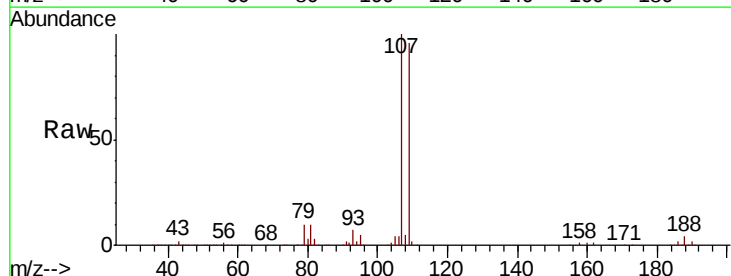
Acq: 03 Jul 2019 21:52

Tgt Ion:107 Resp: 128025

Ion Ratio Lower Upper

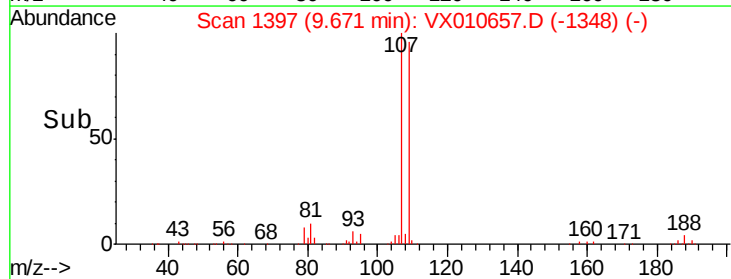
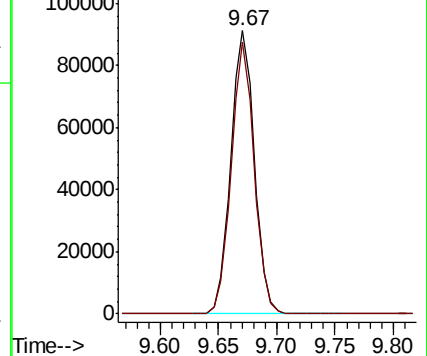
107 100

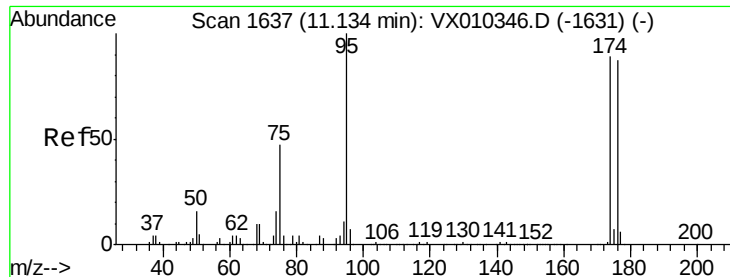
109 93.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

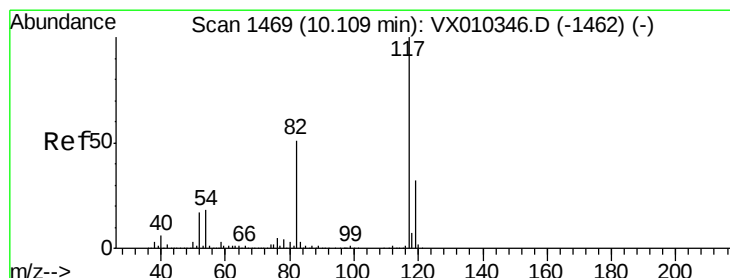
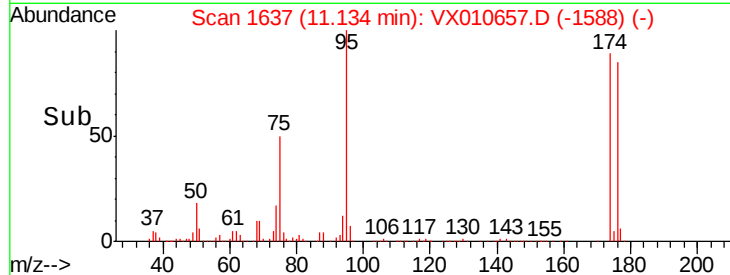
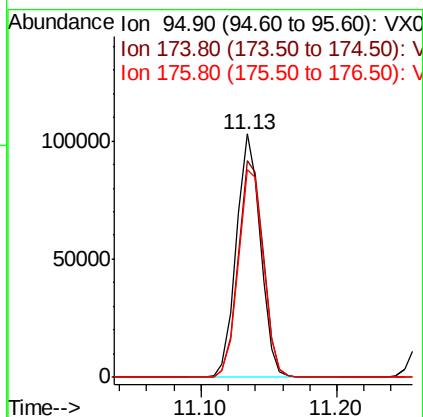
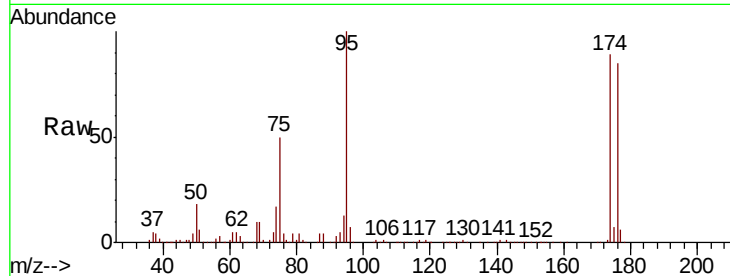




#62
4-Bromofluorobenzene
Concen: 48.390 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

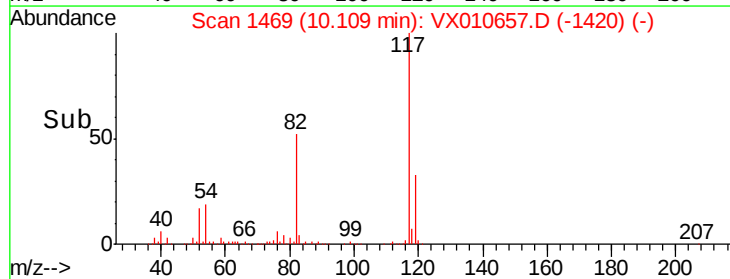
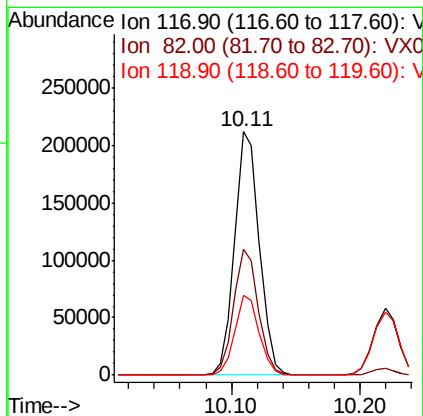
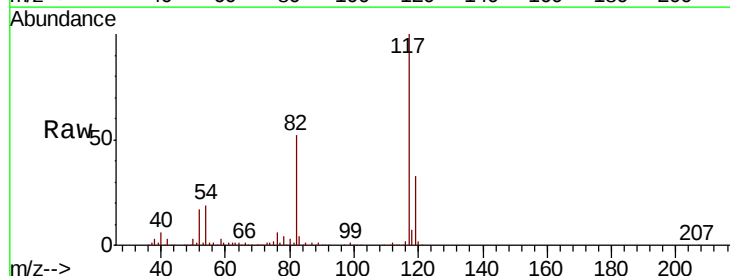
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

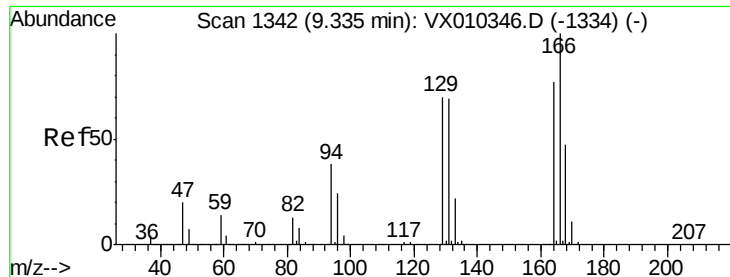
Tot Ion: 95 Resp: 126899
Ion Ratio Lower Upper
95 100
174 92.7 0.0 187.6
176 89.3 0.0 184.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 117 Resp: 284488
Ion Ratio Lower Upper
117 100
82 51.7 41.2 61.8
119 32.7 25.5 38.3

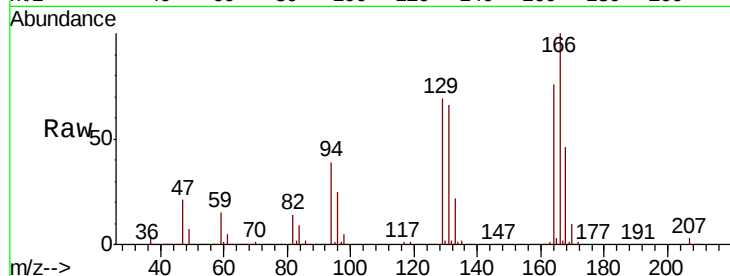




#64
Tetrachloroethene
Concen: 45.263 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	131.6	103.6	155.4
129	90.3	73.0	109.4
131	87.0	71.0	106.4



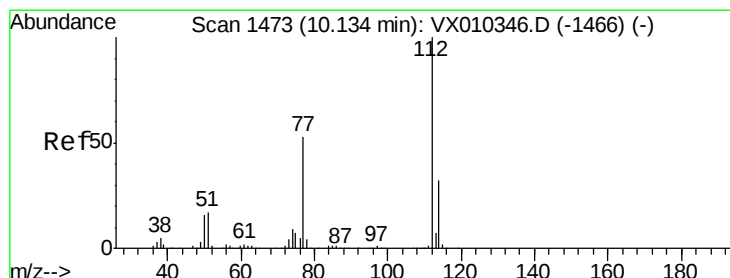
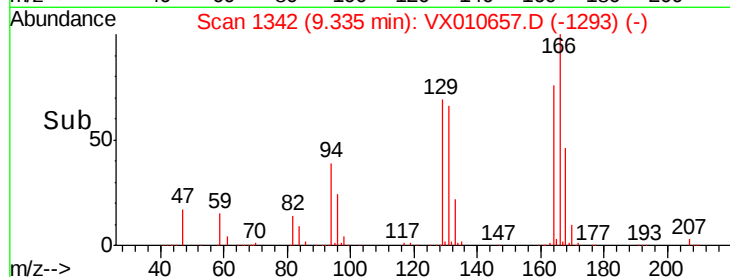
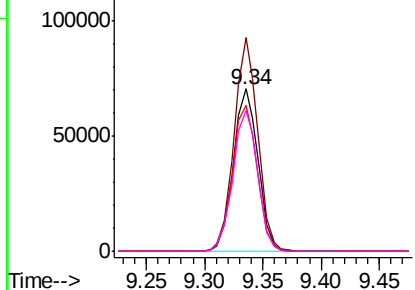
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

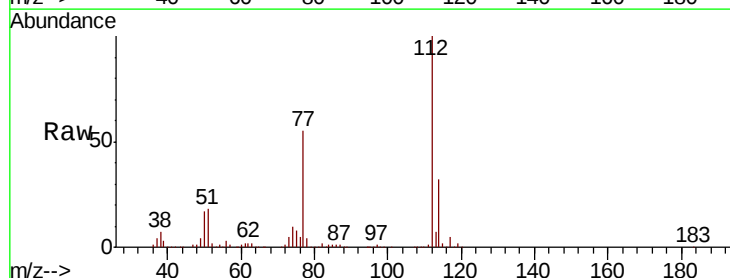
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65
Chlorobenzene
Concen: 52.462 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

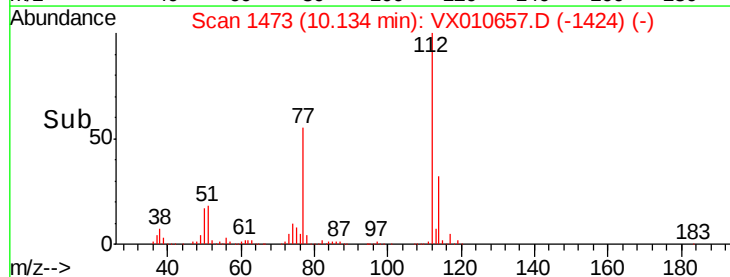
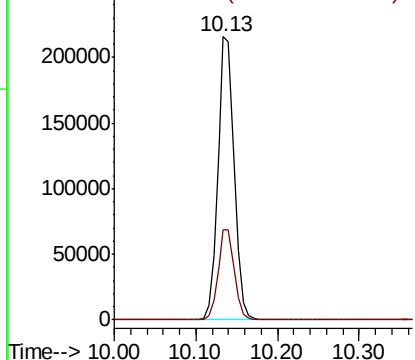
Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.4	38.2

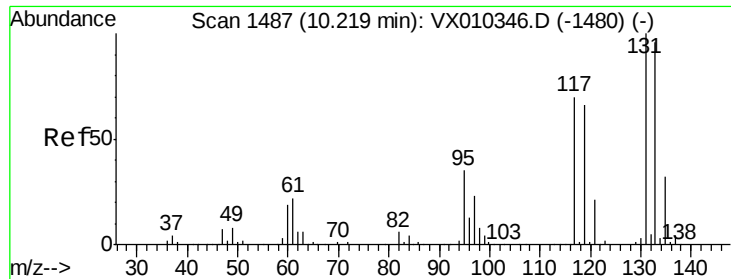


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

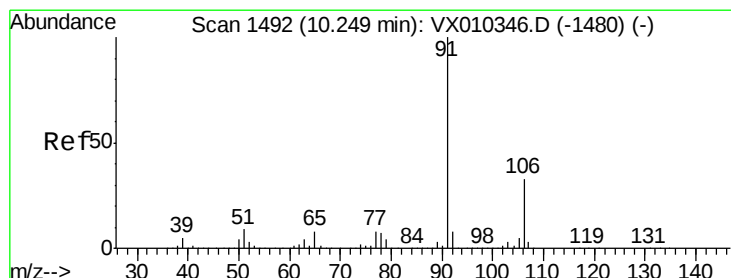
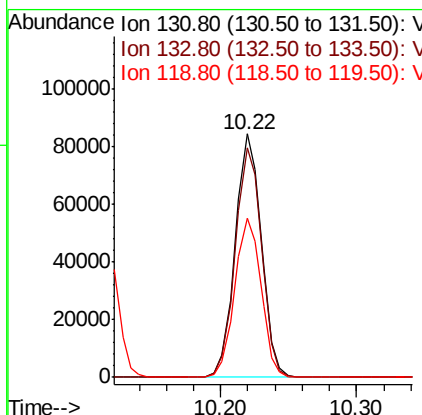
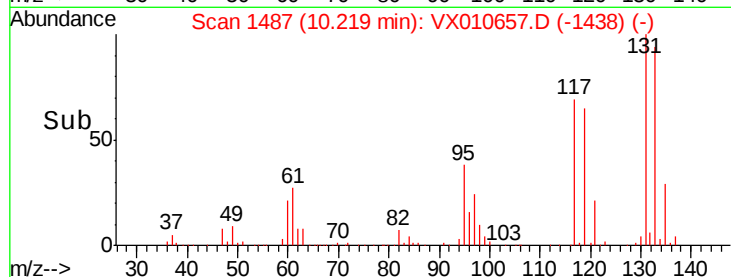
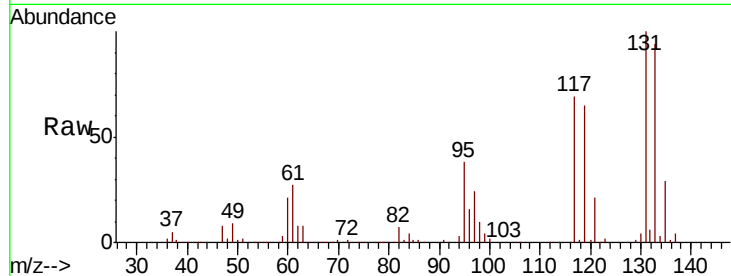




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.631 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

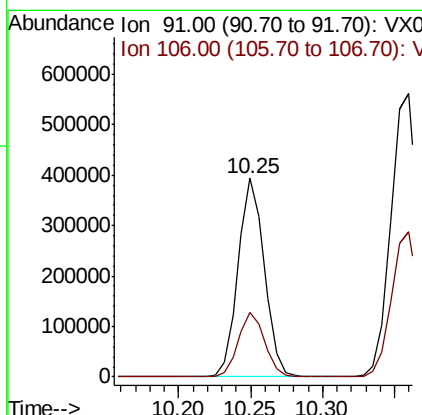
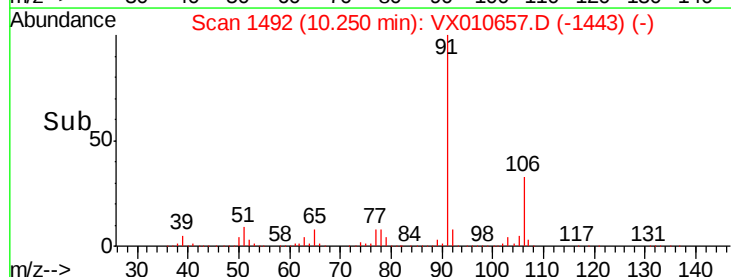
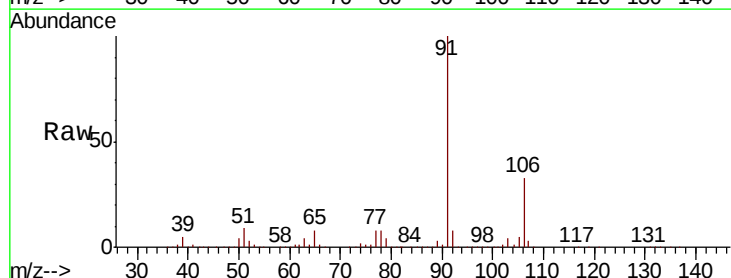
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

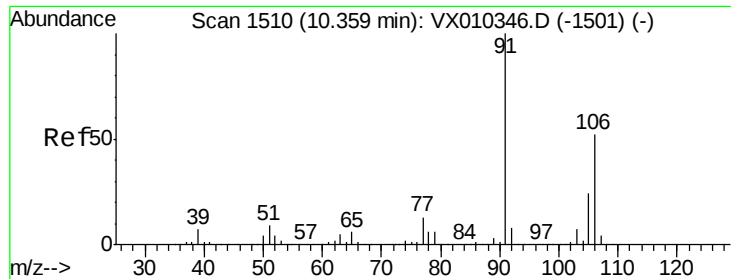
Tot Ion:131 Resp: 112829
 Ion Ratio Lower Upper
 131 100
 133 95.3 47.7 143.1
 119 66.0 32.6 97.7



#67
 Ethyl Benzene
 Concen: 51.299 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 91 Resp: 500191
 Ion Ratio Lower Upper
 91 100
 106 32.8 26.2 39.2

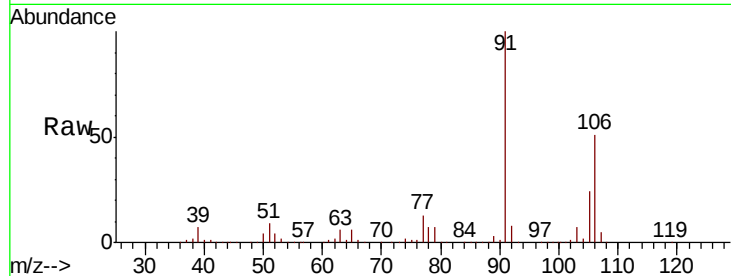




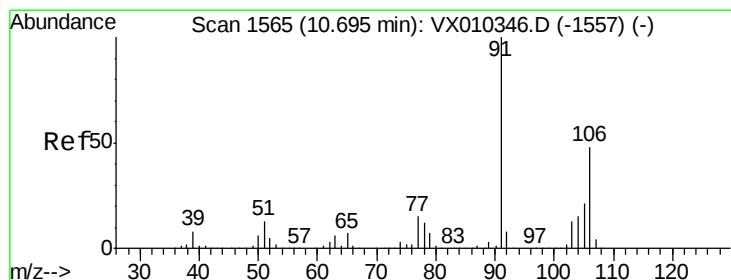
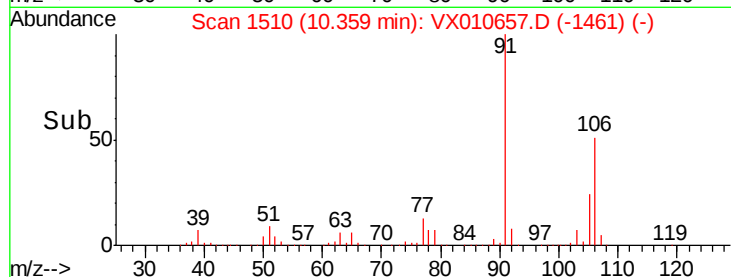
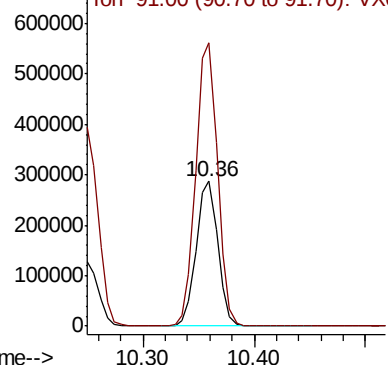
#68
m/p-Xylenes
Concen: 102.696 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

Tot Ion:106 Resp: 387996
Ion Ratio Lower Upper
106 100
91 196.2 155.3 232.9

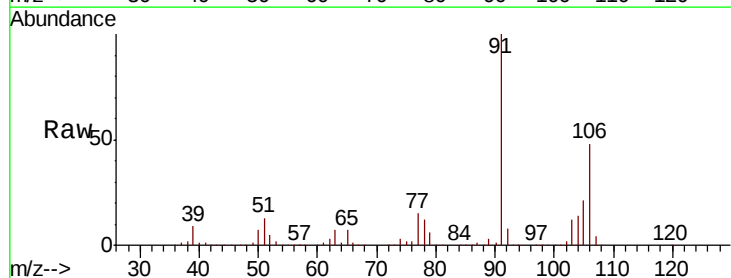


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

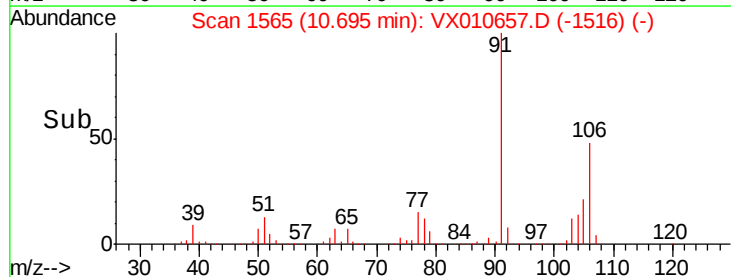
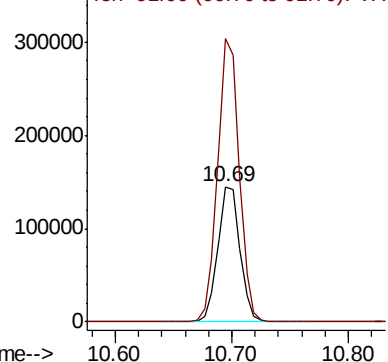


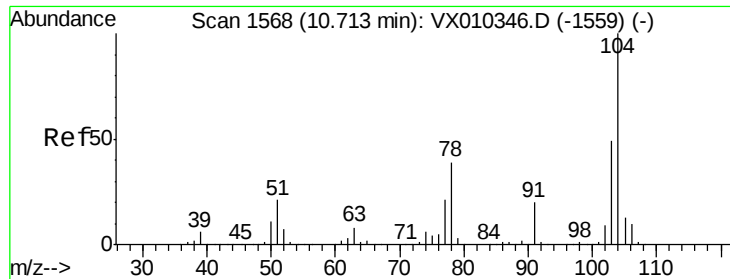
#69
o-Xylene
Concen: 52.049 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion:106 Resp: 193385
Ion Ratio Lower Upper
106 100
91 205.3 102.7 308.1



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 54.183 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

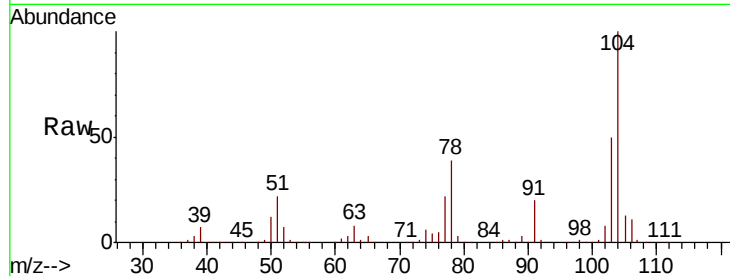
Tot Ion:104 Resp: 337606

Ion Ratio Lower Upper

104 100

78 45.9 36.2 54.2

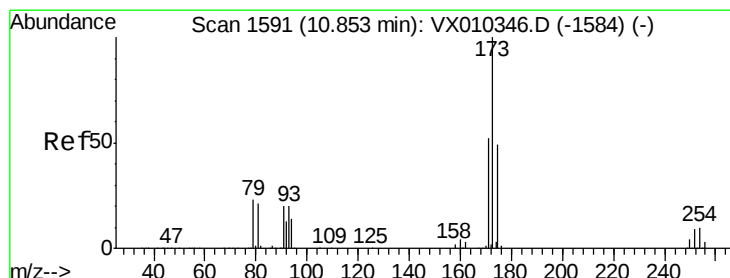
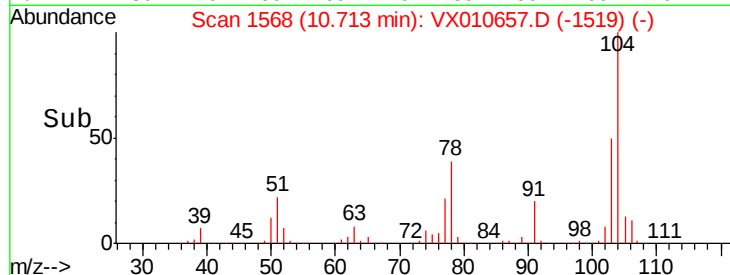
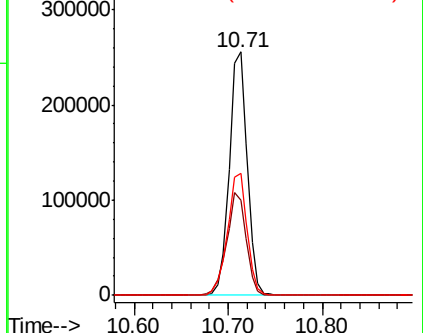
103 54.8 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 51.775 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

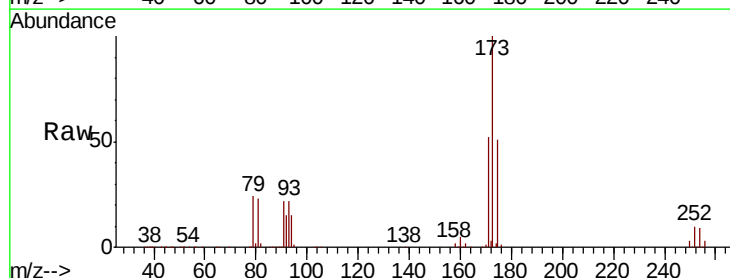
Tgt Ion:173 Resp: 94722

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

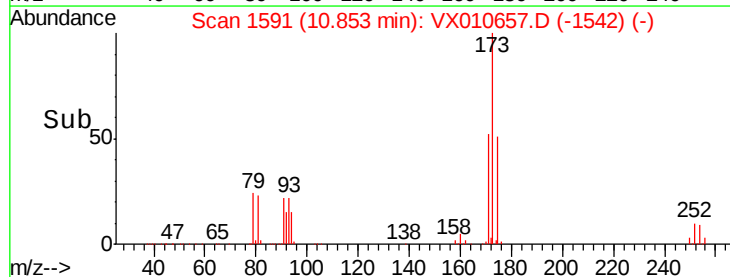
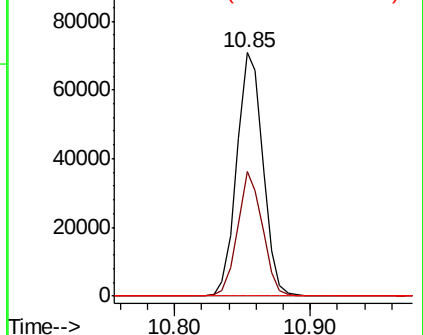
254 0.1 0.2 0.2#

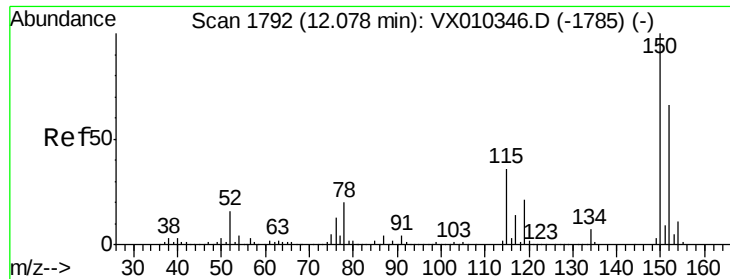


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

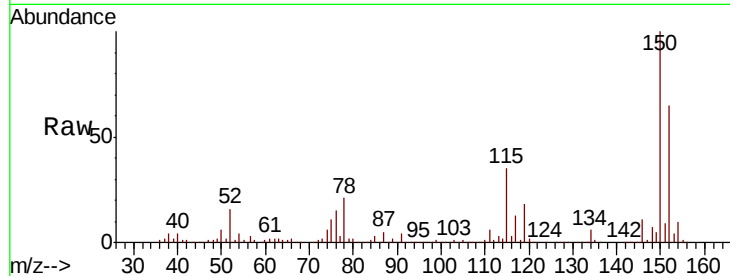
Tot Ion:152 Resp: 145566

Ion Ratio Lower Upper

152 100

115 78.6 38.6 115.7

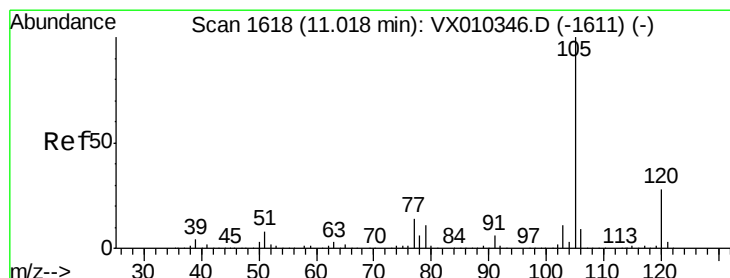
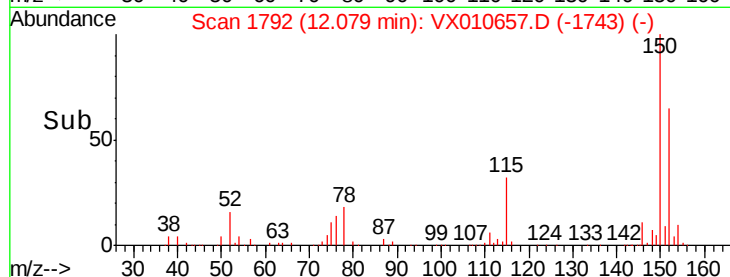
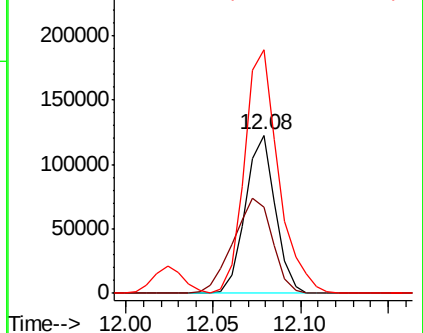
150 175.0 0.0 347.4



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: 49.514 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010657.D

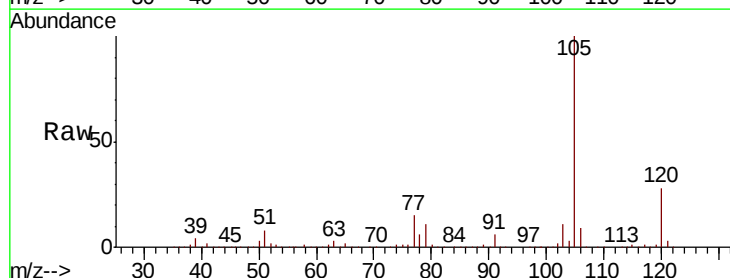
Acq: 03 Jul 2019 21:52

Tgt Ion:105 Resp: 488579

Ion Ratio Lower Upper

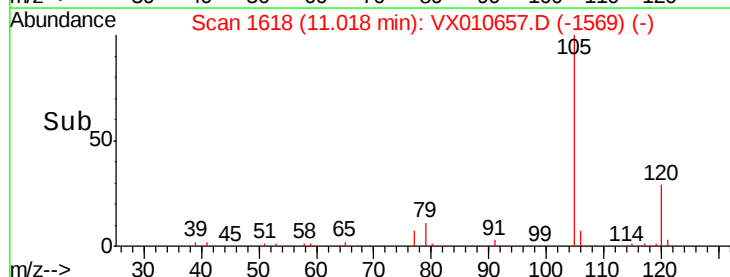
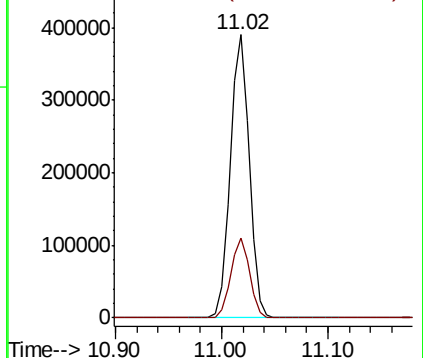
105 100

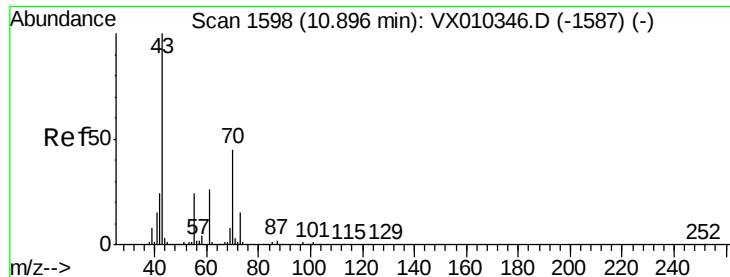
120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 52.481 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

Tot Ion: 43 Resp: 195712

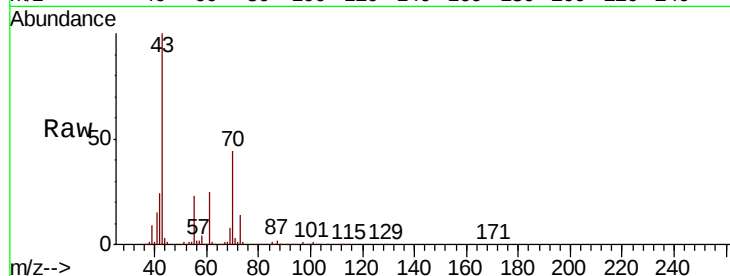
Ion Ratio Lower Upper

43 100

70 44.5 36.6 54.8

55 24.3 18.7 28.1

61 25.0 20.6 31.0

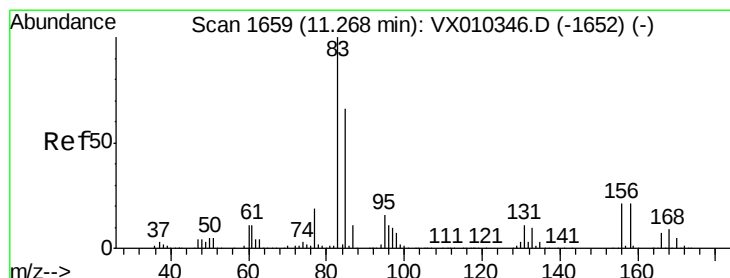
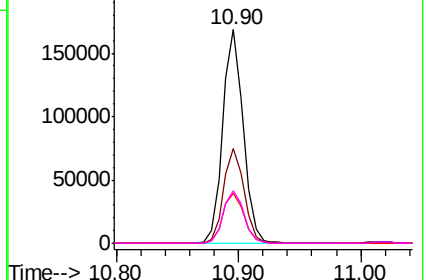
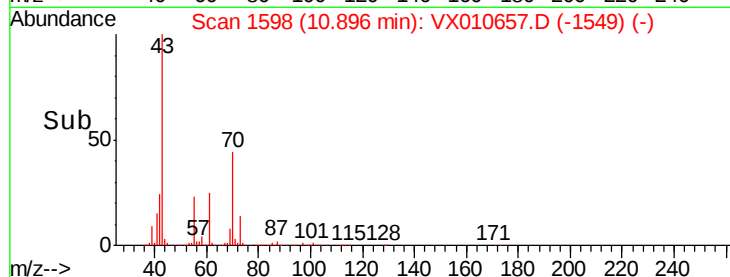


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 55.496 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

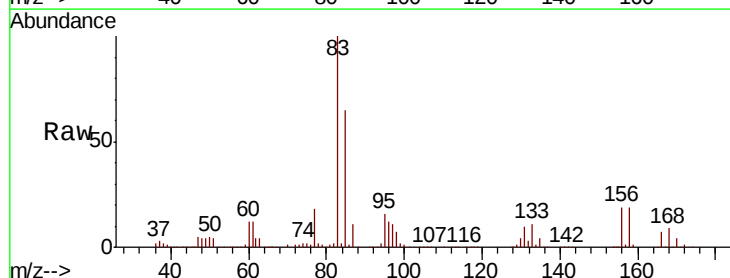
Tgt Ion: 83 Resp: 181354

Ion Ratio Lower Upper

83 100

131 10.6 5.5 16.4

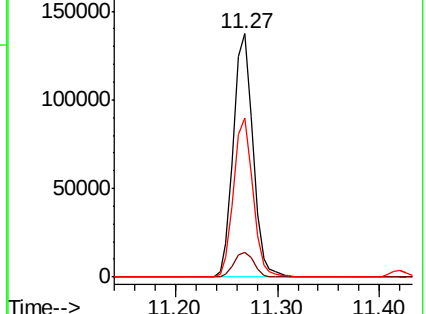
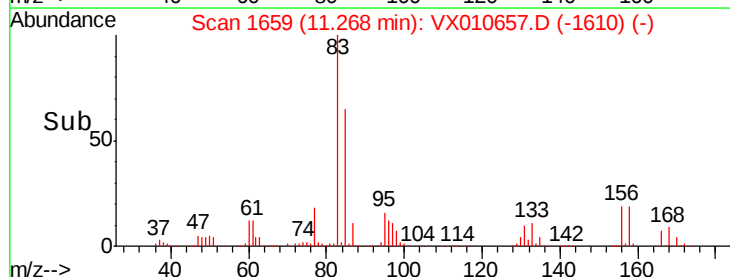
85 64.5 32.3 96.8

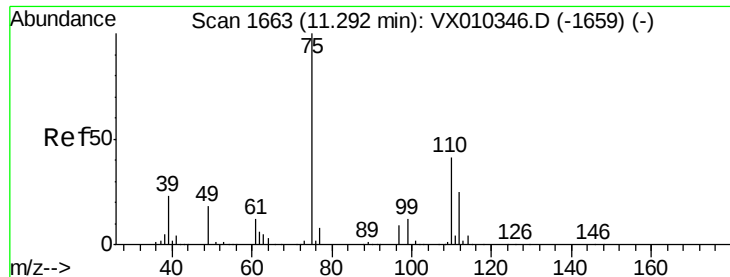


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 72.734 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

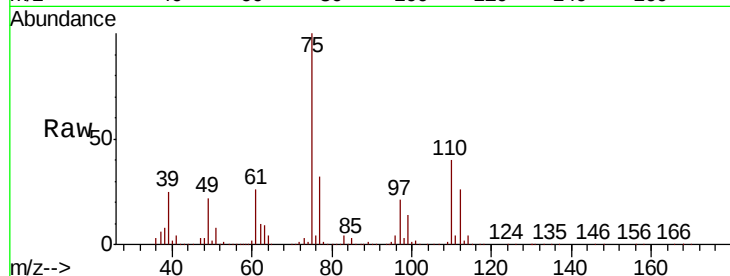
SP19-JMW0991MSD

Tot Ion: 75 Resp: 192935

Ion Ratio Lower Upper

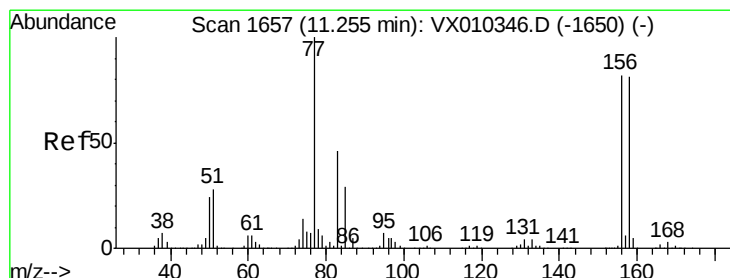
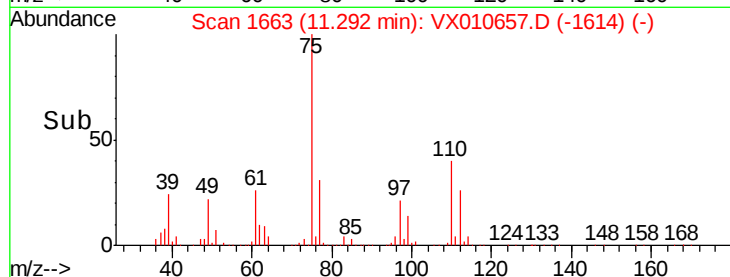
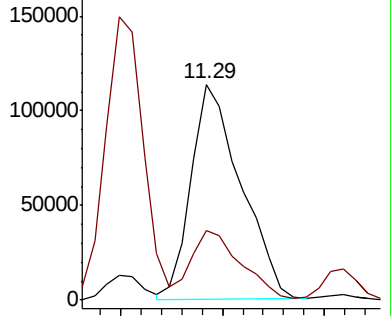
75 100

77 32.6 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 52.167 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

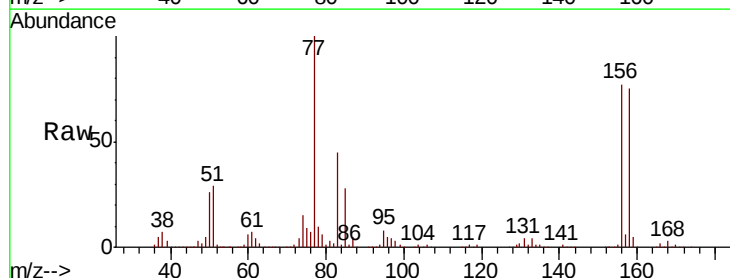
Tgt Ion: 156 Resp: 143735

Ion Ratio Lower Upper

156 100

77 134.6 66.3 198.7

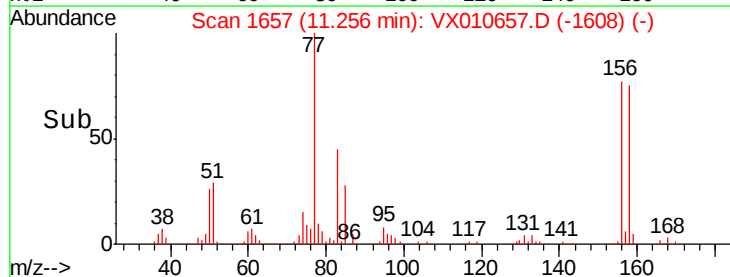
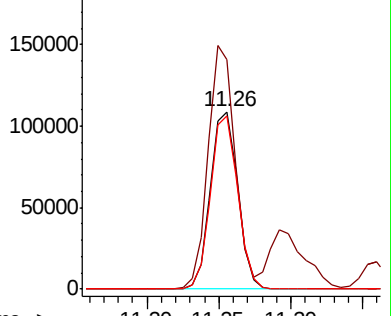
158 97.0 48.9 146.7

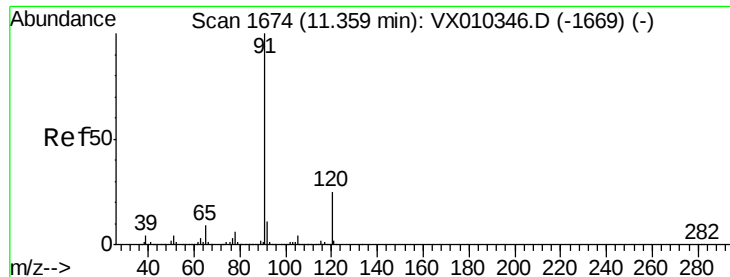


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.406 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

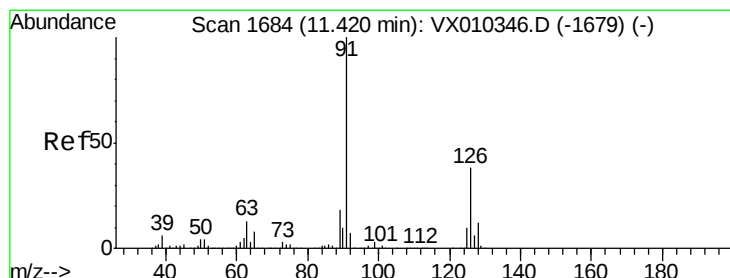
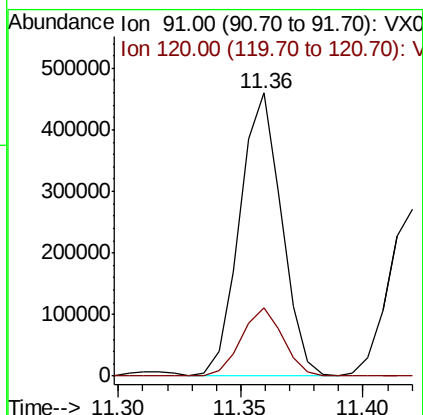
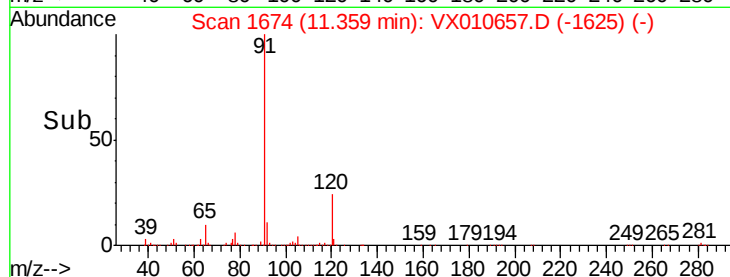
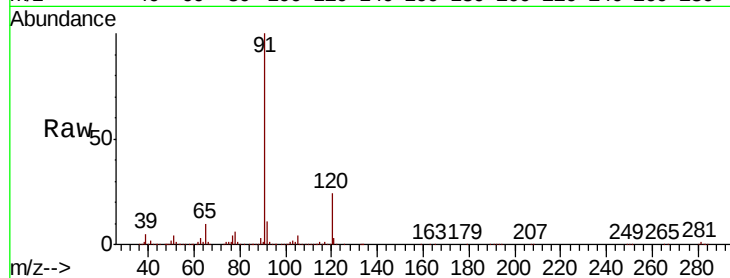
SP19-JMW0991MSD

Tot Ion: 91 Resp: 546644

Ion Ratio Lower Upper

91 100

120 24.2 12.4 37.4



#79

2-Chlorotoluene

Concen: 51.158 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010657.D

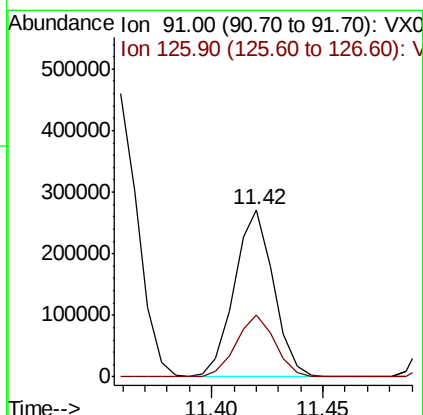
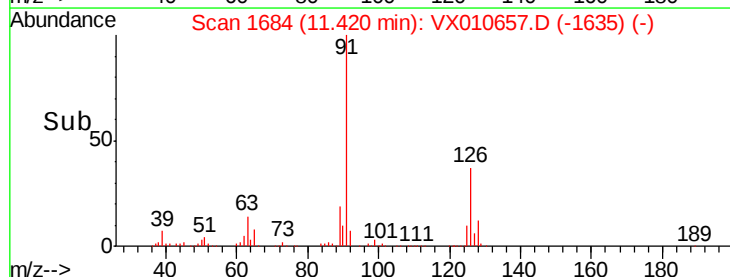
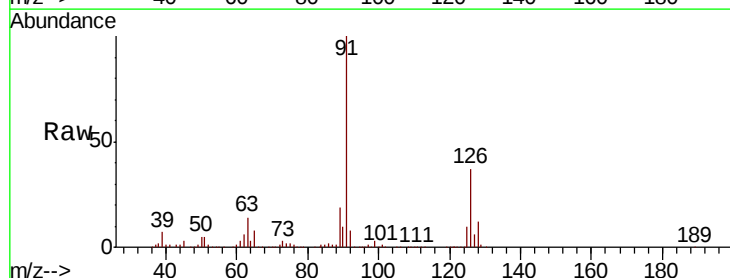
Acq: 03 Jul 2019 21:52

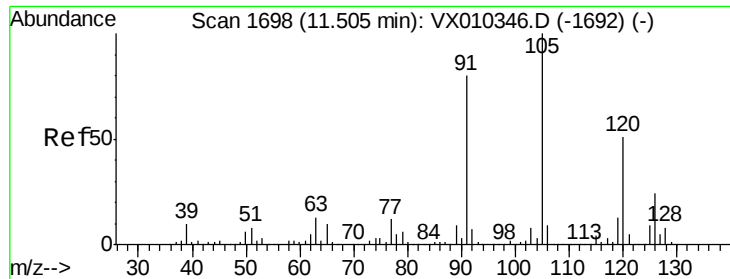
Tgt Ion: 91 Resp: 330372

Ion Ratio Lower Upper

91 100

126 36.7 18.7 56.1

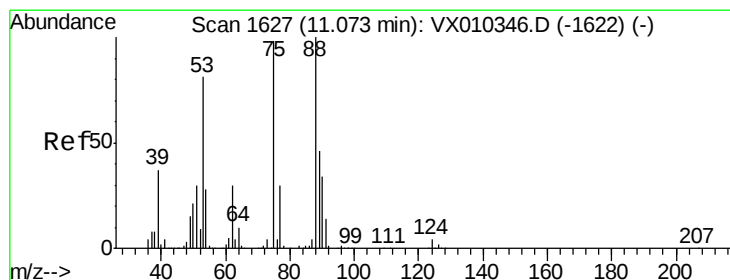
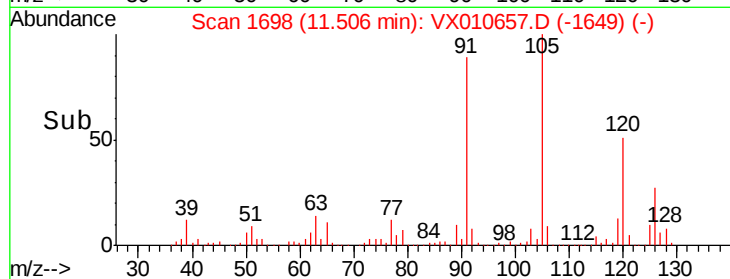
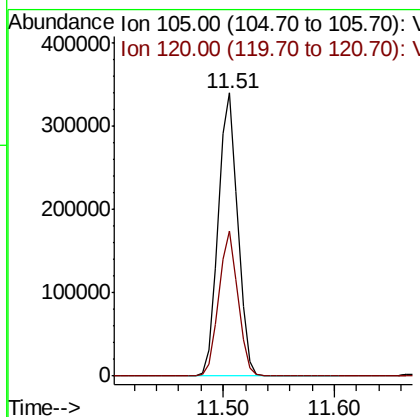
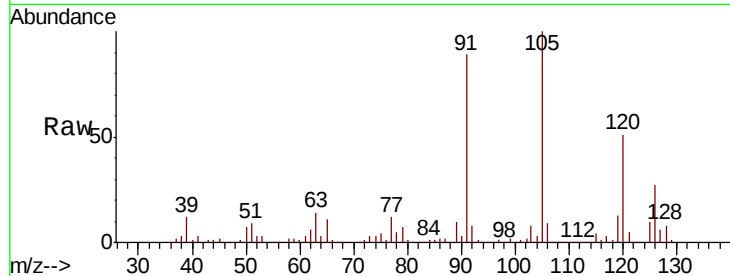




#80
 1,3,5-Trimethylbenzene
 Concen: 50.609 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

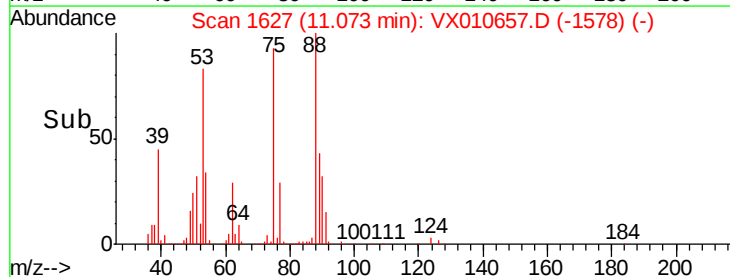
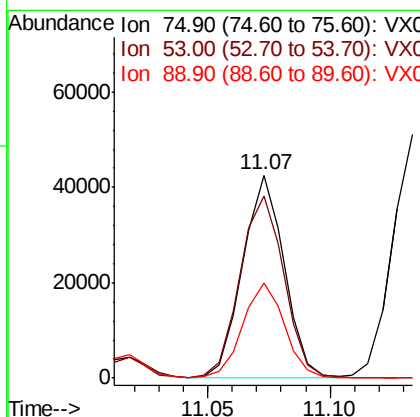
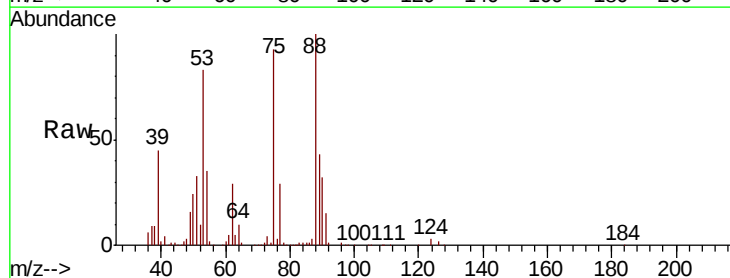
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

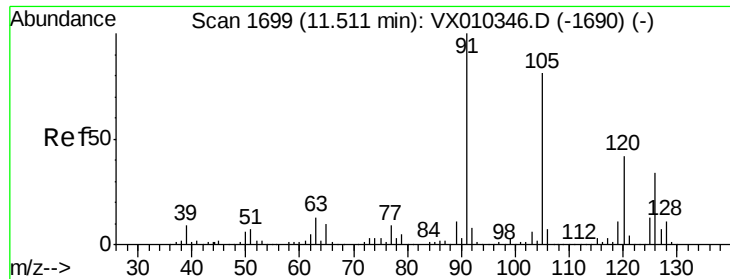
Tot Ion:105 Resp: 411686
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 44.436 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 75 Resp: 50525
 Ion Ratio Lower Upper
 75 100
 53 94.8 66.1 99.1
 89 47.3 37.8 56.6

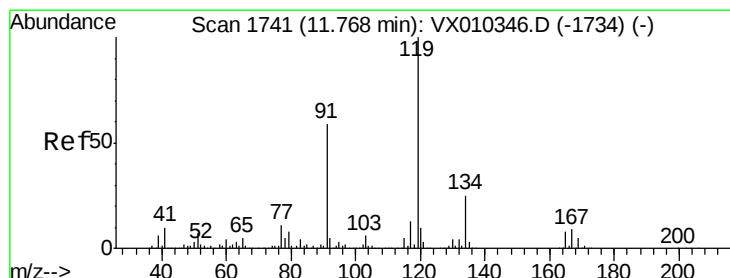
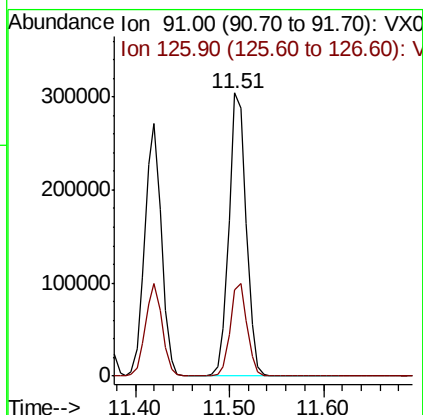
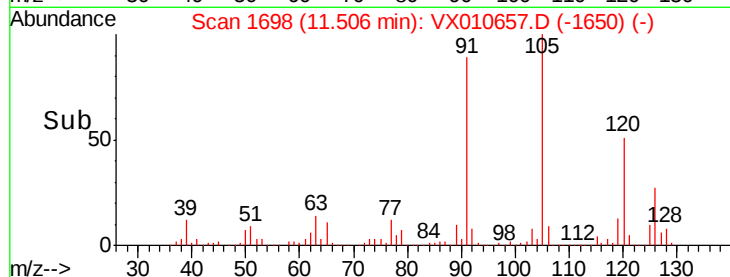
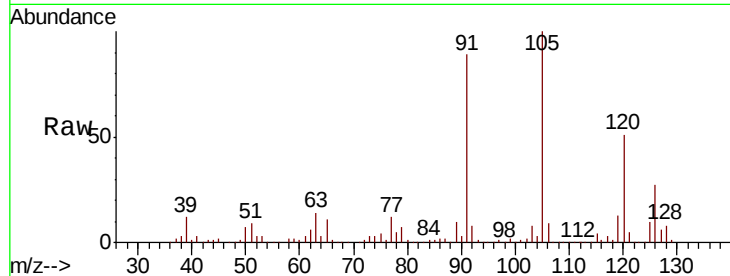




#82
4-Chlorotoluene
Concen: 52.504 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

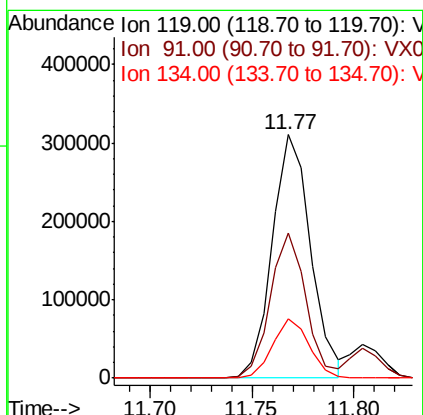
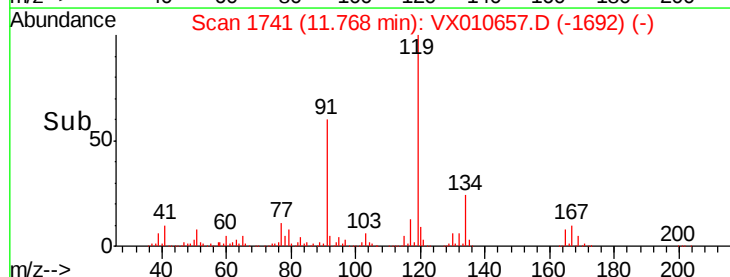
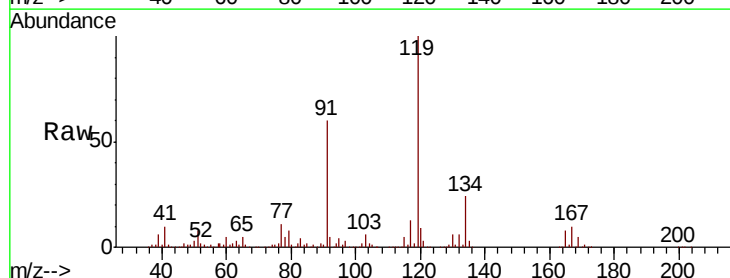
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

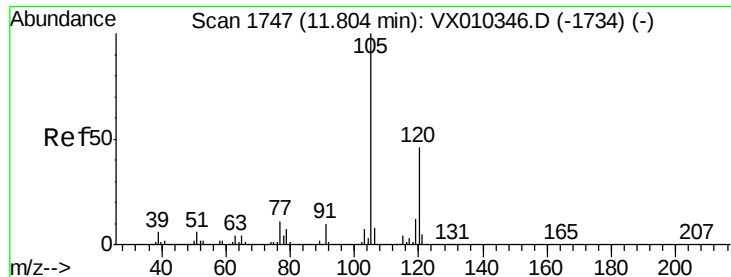
Tot Ion: 91 Resp: 385821
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6



#83
tert-Butylbenzene
Concen: 50.002 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion: 119 Resp: 408250
Ion Ratio Lower Upper
119 100
91 55.6 27.6 82.7
134 23.3 11.8 35.4

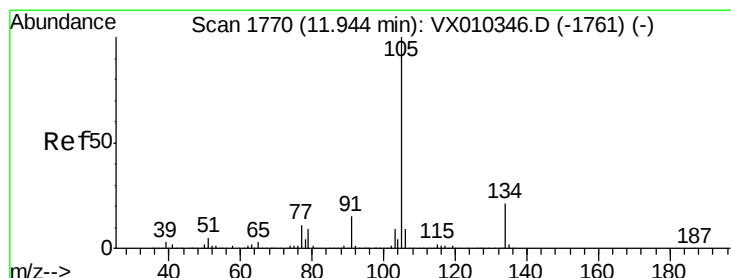
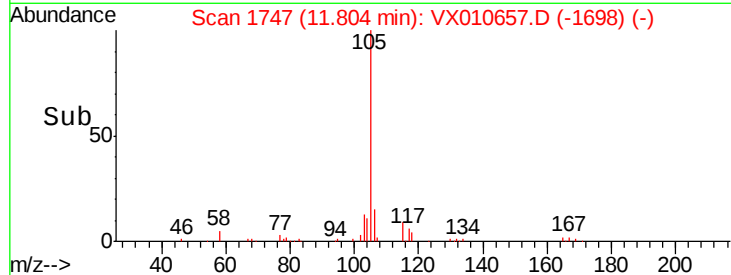
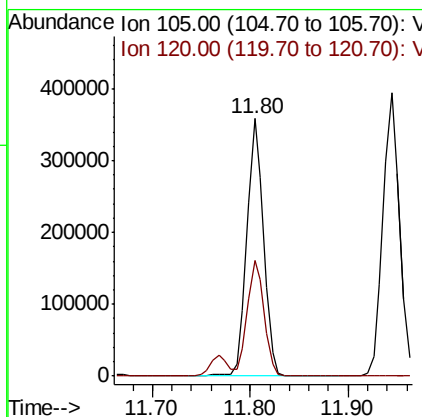
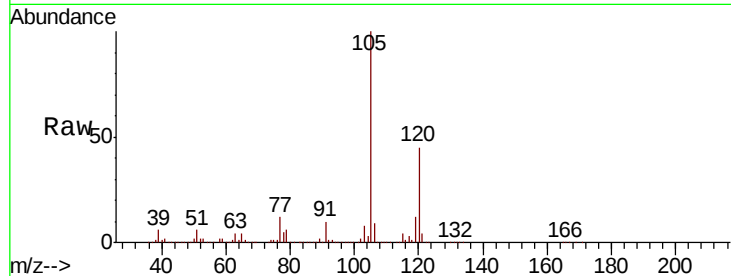




#84
 1,2,4-Trimethylbenzene
 Concen: 51.865 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

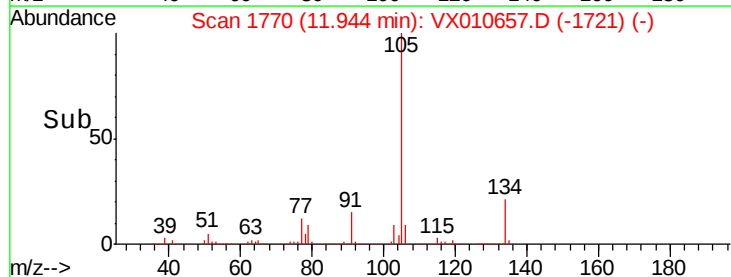
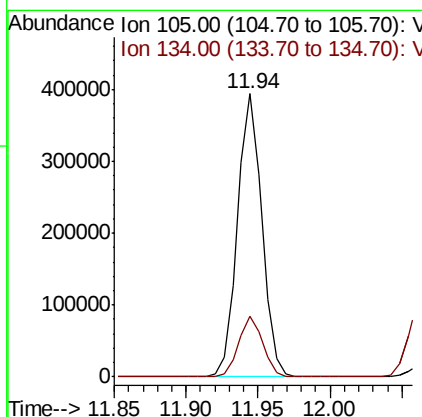
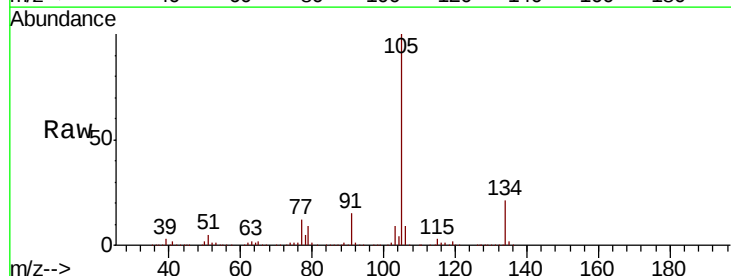
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

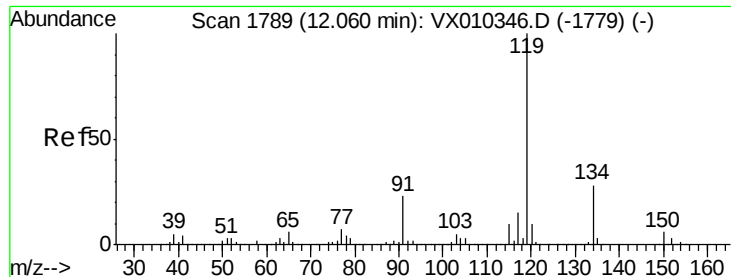
Tot Ion:105 Resp: 423878
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 48.530 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion:105 Resp: 465222
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9

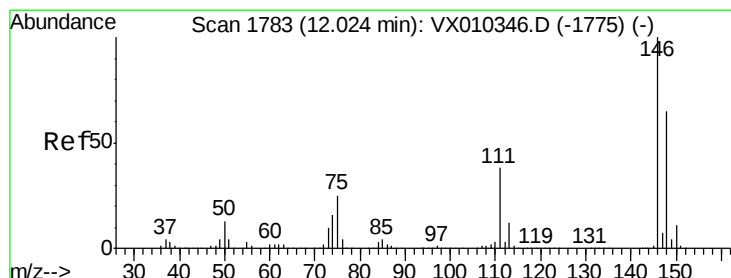
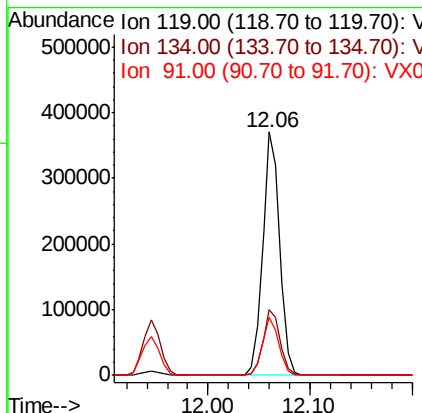
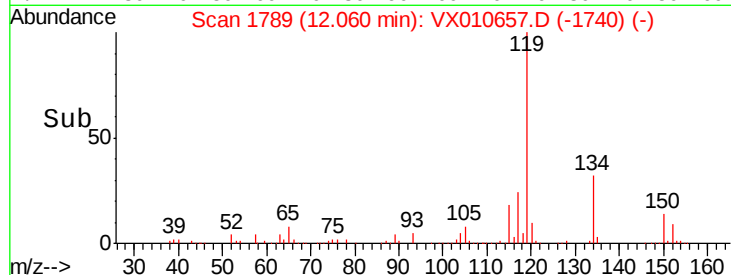
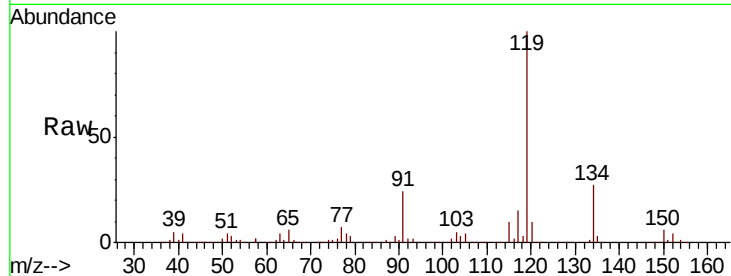




#86
p-Isopropyltoluene
Concen: 48.860 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

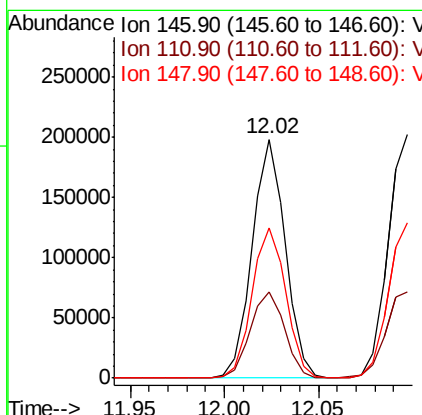
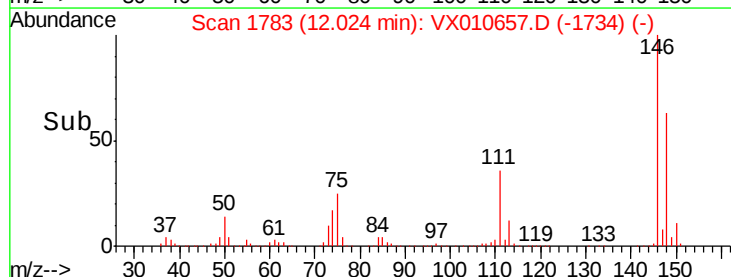
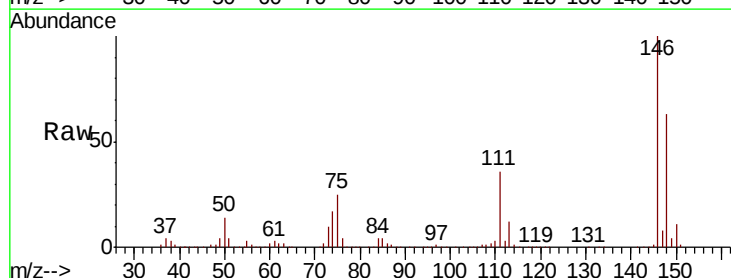
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

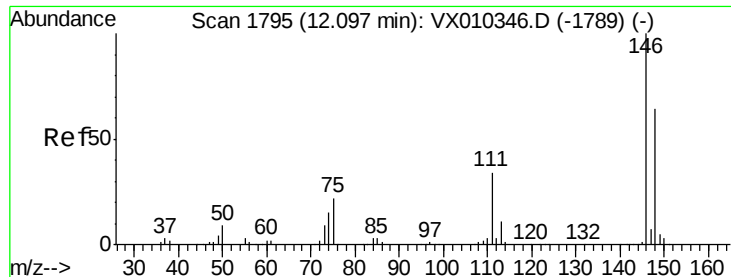
Tot Ion:119 Resp: 433248
Ion Ratio Lower Upper
119 100
134 27.0 13.7 41.1
91 23.0 11.3 33.8



#87
1,3-Dichlorobenzene
Concen: 50.278 ug/l
RT: 12.02 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion:146 Resp: 241816
Ion Ratio Lower Upper
146 100
111 37.4 19.1 57.1
148 64.1 32.5 97.4

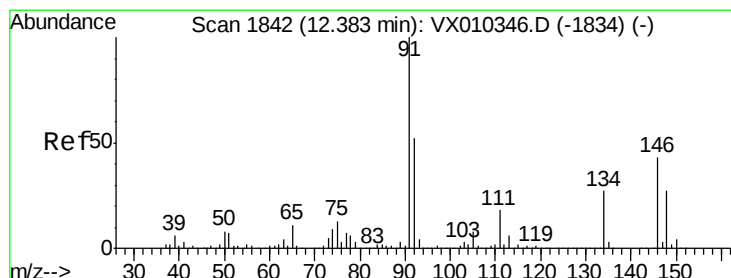
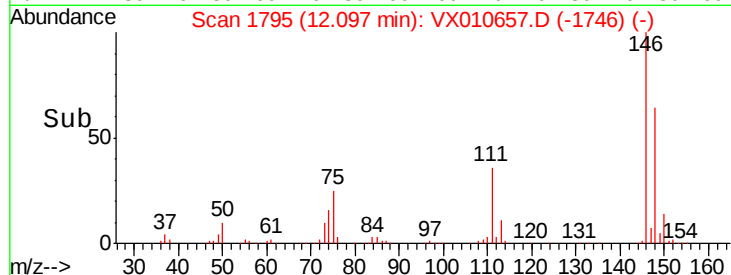
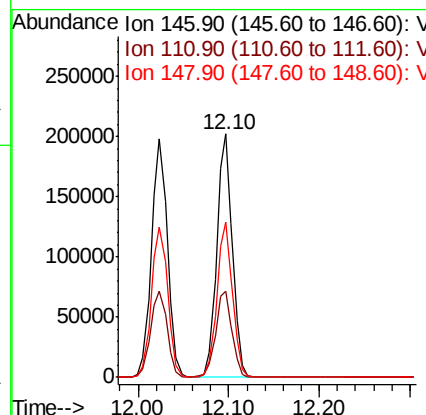
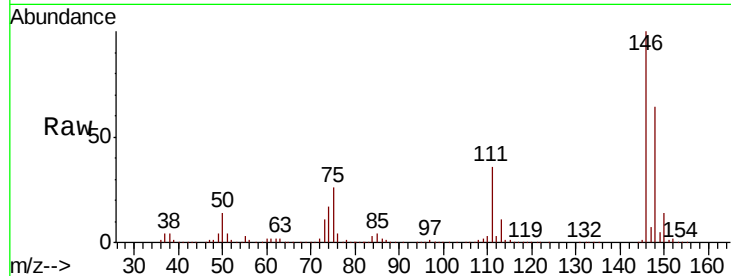




#88
 1,4-Dichlorobenzene
 Concen: 50.039 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

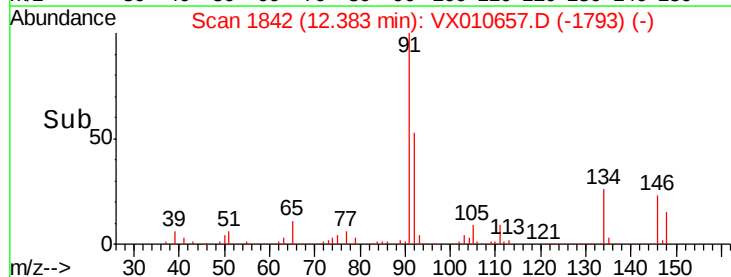
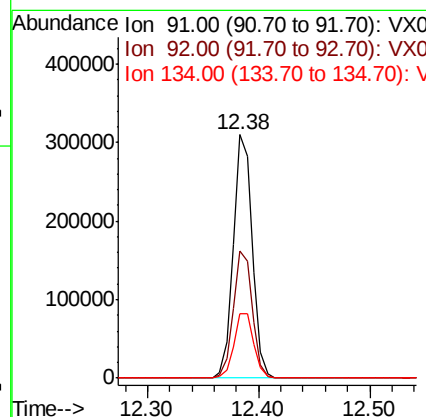
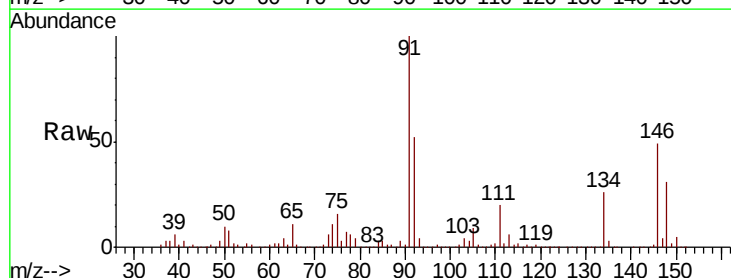
Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

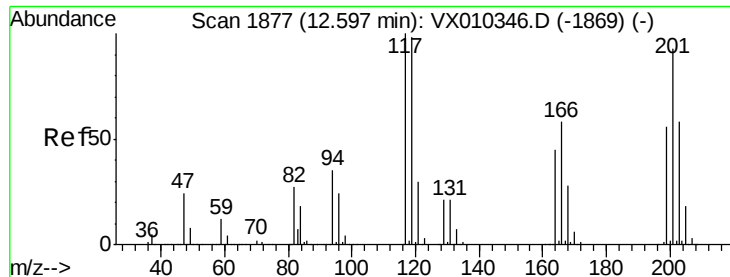
Tot Ion:146 Resp: 245010
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.1 54.3
 148 63.6 32.1 96.3



#89
 n-Butylbenzene
 Concen: 48.271 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Tgt Ion: 91 Resp: 363713
 Ion Ratio Lower Upper
 91 100
 92 52.3 26.2 78.5
 134 27.6 14.1 42.4

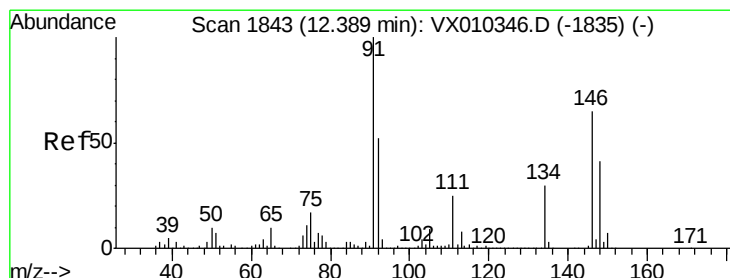
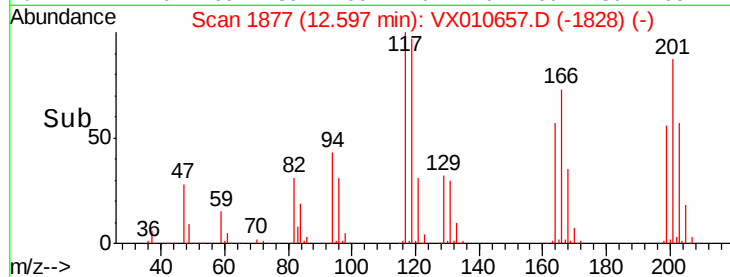
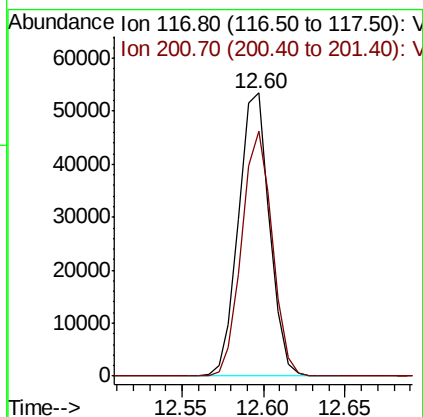
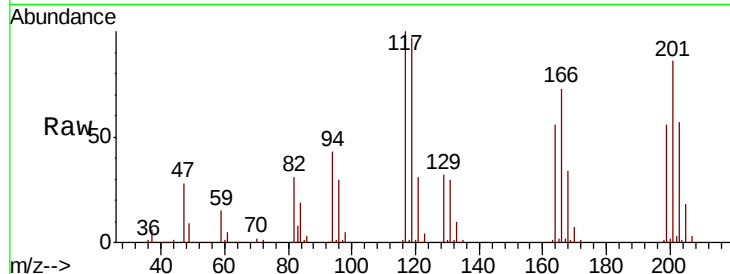




#90
Hexachloroethane
Concen: 46.297 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

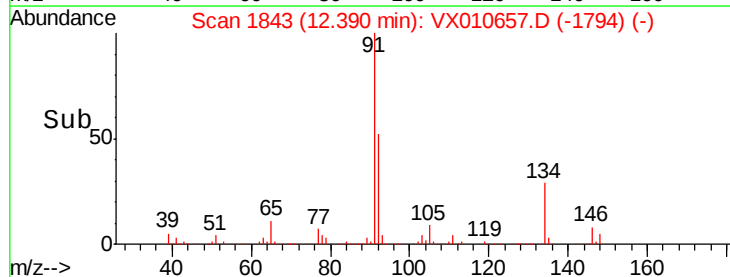
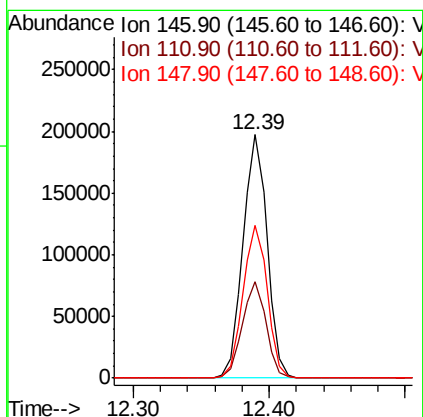
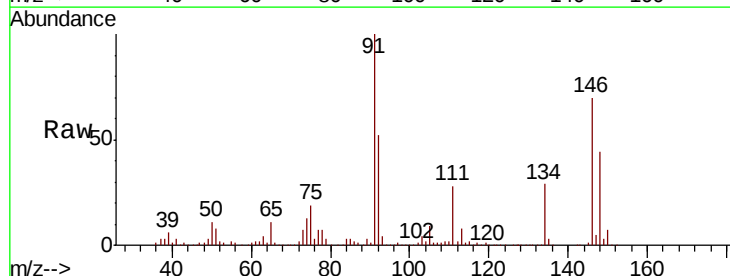
Instrument :
MSVOA_X
ClientSampleId :
SP19-JMW0991MSD

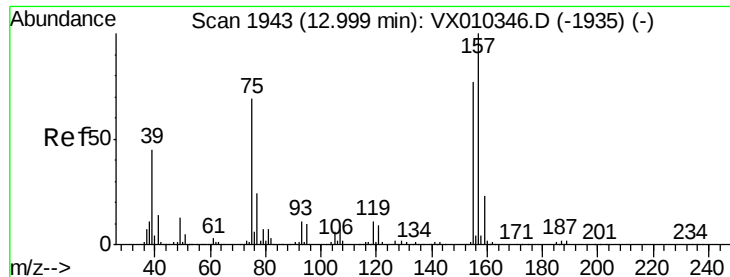
Tot Ion:117 Resp: 70984
Ion Ratio Lower Upper
117 100
201 84.9 44.0 131.8



#91
1,2-Dichlorobenzene
Concen: 51.109 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010657.D
Acq: 03 Jul 2019 21:52

Tgt Ion:146 Resp: 244304
Ion Ratio Lower Upper
146 100
111 38.9 19.2 57.6
148 63.1 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 53.731 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

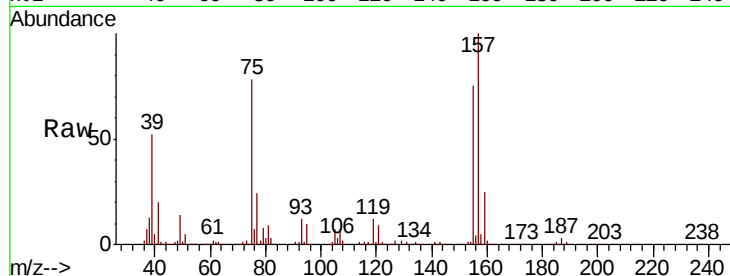
Tot Ion: 75 Resp: 37857

Ion Ratio Lower Upper

75 100

155 98.2 54.4 163.1

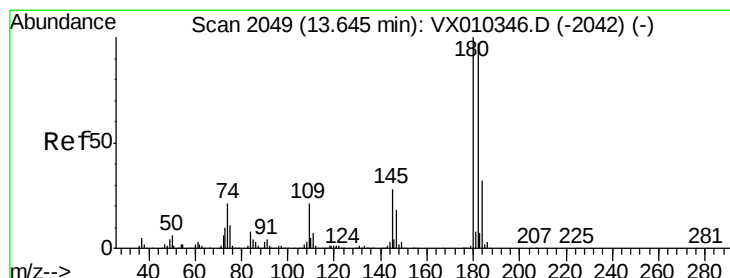
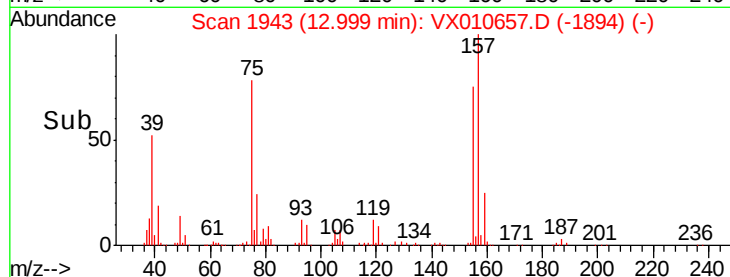
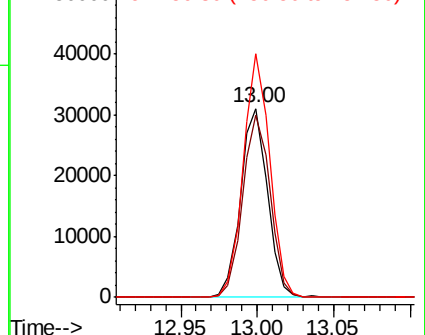
157 126.5 69.5 208.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 48.886 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

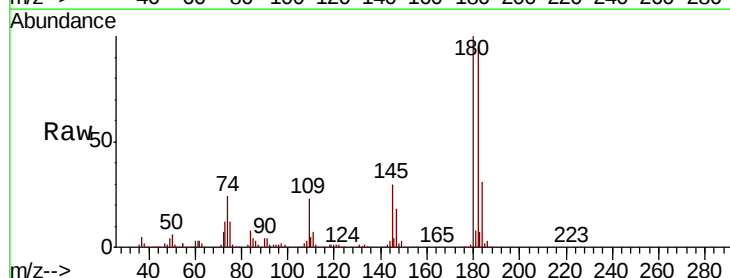
Tgt Ion: 180 Resp: 162055

Ion Ratio Lower Upper

180 100

182 94.9 48.0 144.0

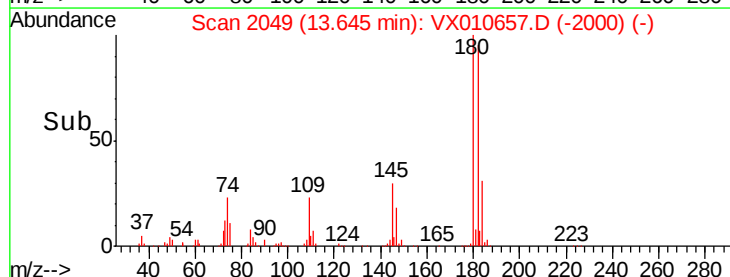
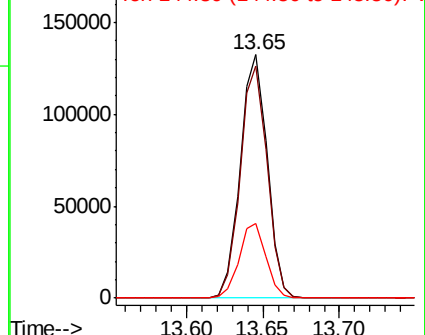
145 30.2 14.4 43.4

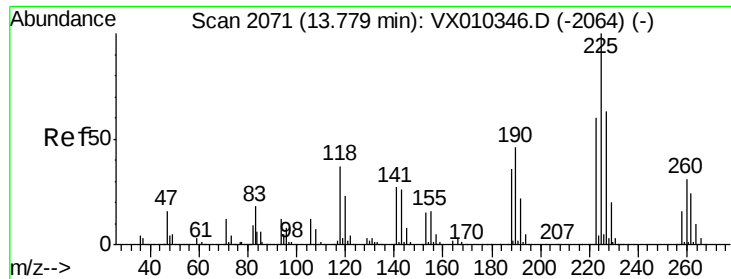


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 43.136 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

Instrument :

MSVOA_X

ClientSampleId :

SP19-JMW0991MSD

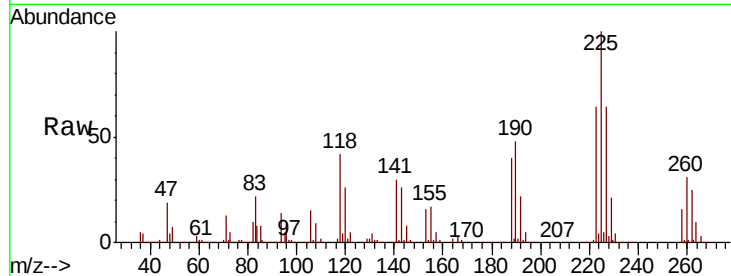
Tot Ion:225 Resp: 69885

Ion Ratio Lower Upper

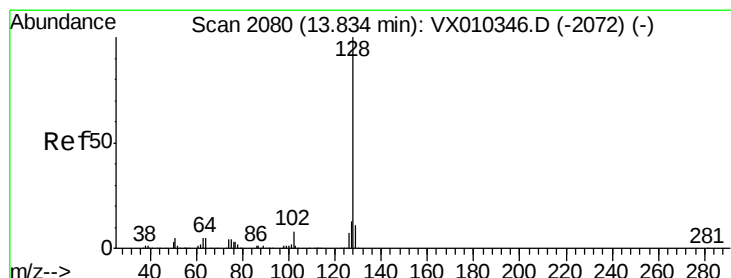
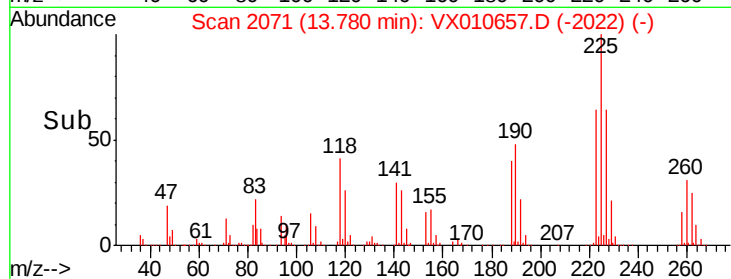
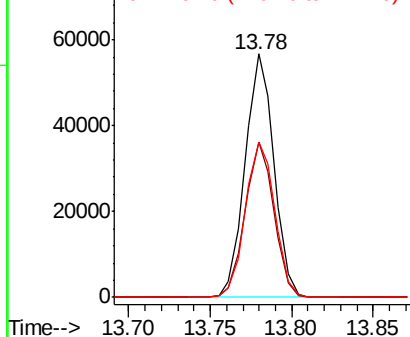
225 100

223 63.6 30.9 92.7

227 65.2 31.9 95.5



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: 53.039 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010657.D

Acq: 03 Jul 2019 21:52

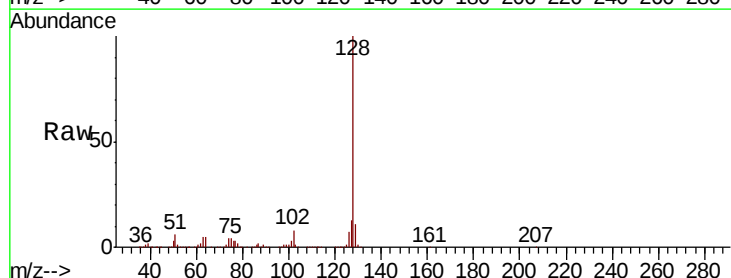
Tgt Ion:128 Resp: 540302

Ion Ratio Lower Upper

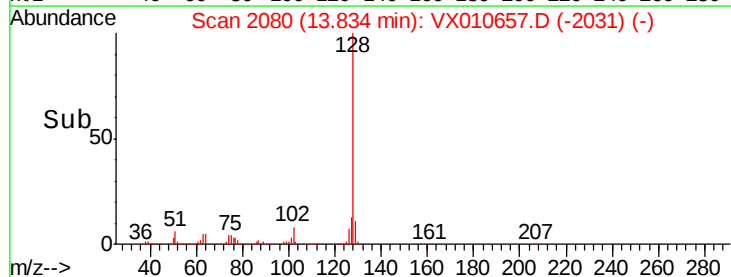
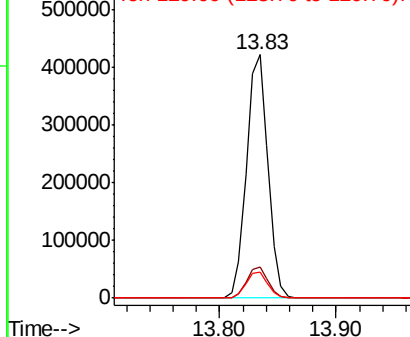
128 100

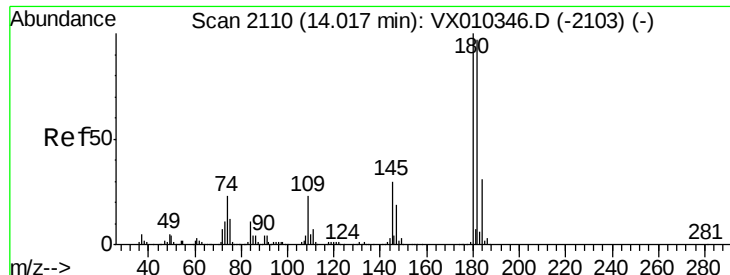
127 12.8 10.2 15.4

129 10.8 8.9 13.3



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: 50.952 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010657.D
 Acq: 03 Jul 2019 21:52

Instrument :
 MSVOA_X
 ClientSampleId :
 SP19-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.8	143.3
145	31.0	15.2	45.6

