

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013144.D
 Acq On : 18 Oct 2019 21:47
 Operator : JC/SP
 Sample : K5414-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Quant Time: Oct 19 00:01:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	138638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	229929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208053	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101975	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	88398	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
35) Dibromofluoromethane	5.49	113	71850	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
50) Toluene-d8	8.71	98	257482	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	11.13	95	103196	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	86142	60.957	ug/l	99
3) Chloromethane	1.32	50	82502	53.644	ug/l	96
4) Vinyl Chloride	1.40	62	83455	52.573	ug/l	98
5) Bromomethane	1.63	94	36363	55.106	ug/l	99
6) Chloroethane	1.70	64	50564	52.131	ug/l	95
7) Trichlorofluoromethane	1.92	101	128297	59.881	ug/l	99
8) Diethyl Ether	2.18	74	45731	52.879	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76826	55.404	ug/l	98
10) Methyl Iodide	2.50	142	100963	62.820	ug/l	99
11) Tert butyl alcohol	3.04	59	104502	227.500	ug/l	100
12) 1,1-Dichloroethene	2.36	96	77689	55.452	ug/l	93
13) Acrolein	2.28	56	84744	259.601	ug/l	100
14) Allyl chloride	2.72	41	124312	49.825	ug/l	97
15) Acrylonitrile	3.13	53	226400	260.080	ug/l	99
16) Acetone	2.44	43	192504	210.765	ug/l	100
17) Carbon Disulfide	2.56	76	202278	50.635	ug/l	99
18) Methyl Acetate	2.76	43	103042	47.597	ug/l	95
19) Methyl tert-butyl Ether	3.19	73	275614	56.966	ug/l	96
20) Methylene Chloride	2.84	84	89909	53.563	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	83244	55.436	ug/l	99
22) Diisopropyl ether	3.84	45	249652	52.219	ug/l	93
23) Vinyl Acetate	3.80	43	1068978	259.008	ug/l	99
24) 1,1-Dichloroethane	3.69	63	149474	55.575	ug/l	99
25) 2-Butanone	4.66	43	302295	238.562	ug/l	100
26) 2,2-Dichloropropane	4.58	77	111275	49.199	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	96489	55.745	ug/l	96
28) Bromochloromethane	5.01	49	40302	50.141	ug/l	93
29) Tetrahydrofuran	5.11	42	190872	244.781	ug/l	94
30) Chloroform	5.20	83	159845	57.920	ug/l	98
31) Cyclohexane	5.57	56	128244	50.992	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	138380	59.178	ug/l	98
36) 1,1-Dichloropropene	5.79	75	113102	55.948	ug/l	98
37) Ethyl Acetate	4.82	43	114455	50.633	ug/l	99
38) Carbon Tetrachloride	5.78	117	118411	60.179	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
 Data File : VX013144.D
 Acq On : 18 Oct 2019 21:47
 Operator : JC/SP
 Sample : K5414-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Quant Time: Oct 19 00:01:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132926	54.220	ug/l	99
40) Benzene	6.14	78	341174	57.142	ug/l	100
41) Methacrylonitrile	5.03	41	64277	51.748	ug/l	97
42) 1,2-Dichloroethane	6.18	62	127223	59.382	ug/l	97
43) Isopropyl Acetate	6.43	43	190327	52.459	ug/l	99
44) Trichloroethene	7.20	130	95916	57.932	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83375	54.790	ug/l	98
46) Dibromomethane	7.65	93	59966	59.146	ug/l	96
47) Bromodichloromethane	7.89	83	120409	60.857	ug/l	99
48) Methyl methacrylate	7.76	41	95131	53.806	ug/l	97
49) 1,4-Dioxane	7.73	88	43784	925.522	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	598237	264.465	ug/l	98
52) Toluene	8.78	92	220755	57.793	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	126726	51.266	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	138856	57.061	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	89542	59.235	ug/l	99
56) Ethyl methacrylate	9.17	69	139594	51.512	ug/l	98
57) 1,3-Dichloropropane	9.37	76	148571	56.818	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.43	63	755	0.680	ug/l #	45
59) 2-Hexanone	9.49	43	463483	263.212	ug/l	98
60) Dibromochloromethane	9.58	129	95063	56.269	ug/l	99
61) 1,2-Dibromoethane	9.67	107	93204	58.612	ug/l	99
64) Tetrachloroethene	9.33	164	97712	67.712	ug/l	96
65) Chlorobenzene	10.14	112	230180	55.712	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	86869	60.641	ug/l	99
67) Ethyl Benzene	10.25	91	418000	56.957	ug/l	100
68) m/p-Xylenes	10.35	106	314075	114.555	ug/l	100
69) o-Xylene	10.70	106	152576	57.067	ug/l	99
70) Styrene	10.71	104	265999	58.523	ug/l	99
71) Bromoform	10.85	173	65235	53.239	ug/l #	99
73) Isopropylbenzene	11.01	105	403014	53.754	ug/l	100
74) N-amyl acetate	10.89	43	162062	50.190	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	137075	54.970	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	150654	66.608	ug/l	77
77) Bromobenzene	11.25	156	93302	52.810	ug/l	96
78) n-propylbenzene	11.35	91	440583	53.405	ug/l	100
79) 2-Chlorotoluene	11.42	91	277314	53.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	348244	55.627	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	40481	46.348	ug/l	96
82) 4-Chlorotoluene	11.51	91	324387	54.585	ug/l	97
83) tert-Butylbenzene	11.76	119	334681	54.804	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	347343	54.783	ug/l	100
85) sec-Butylbenzene	11.94	105	378182	53.452	ug/l	100
86) p-Isopropyltoluene	12.06	119	361498	55.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	175451	53.477	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	176193	53.026	ug/l	98
89) n-Butylbenzene	12.39	91	291067	52.779	ug/l	99
90) Hexachloroethane	12.59	117	62222	51.147	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	174681	54.309	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32059	54.852	ug/l	99

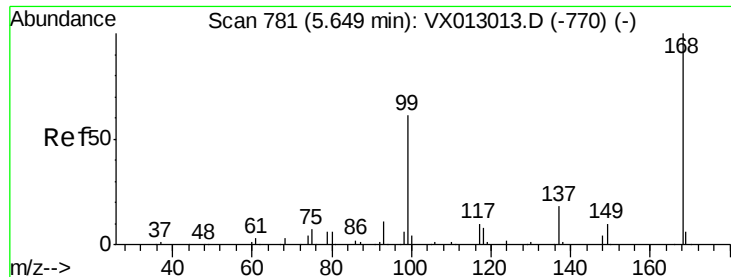
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101819\
Data File : VX013144.D
Acq On : 18 Oct 2019 21:47
Operator : JC/SP
Sample : K5414-03MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Quant Time: Oct 19 00:01:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 07:26:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102811	51.027	ug/l	98
94) Hexachlorobutadiene	13.78	225	49927	53.693	ug/l	96
95) Naphthalene	13.83	128	341933	48.956	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	107291	51.530	ug/l	98

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

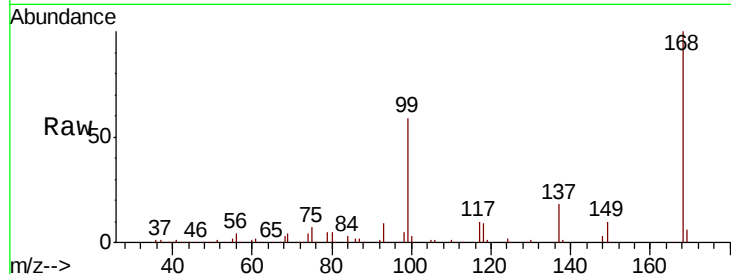


#1

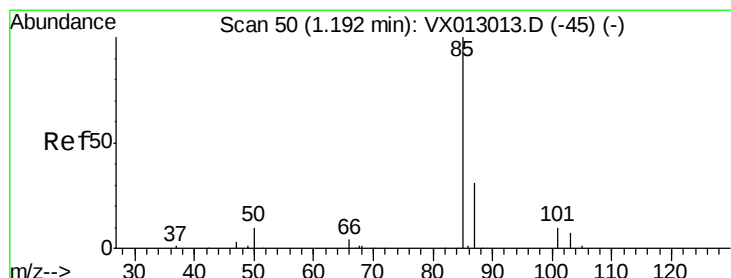
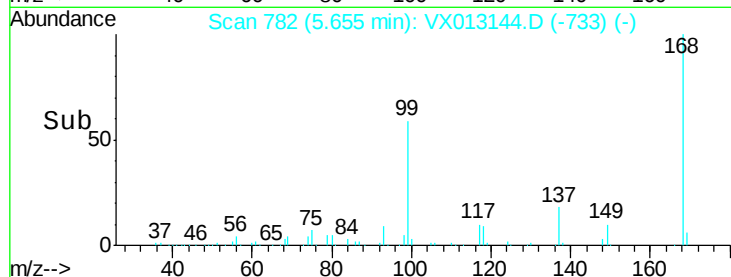
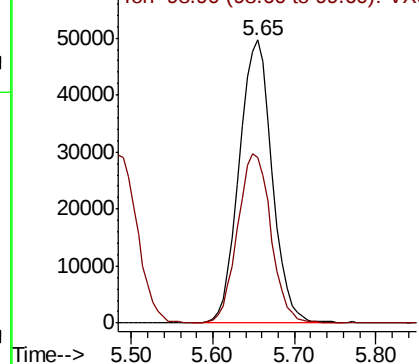
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion:168 Resp: 138638
 Ion Ratio Lower Upper
 168 100
 99 58.4 49.4 74.0



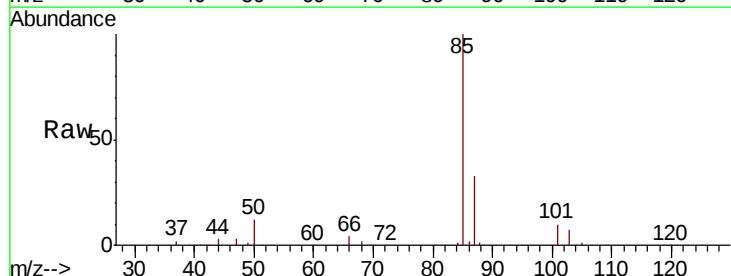
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



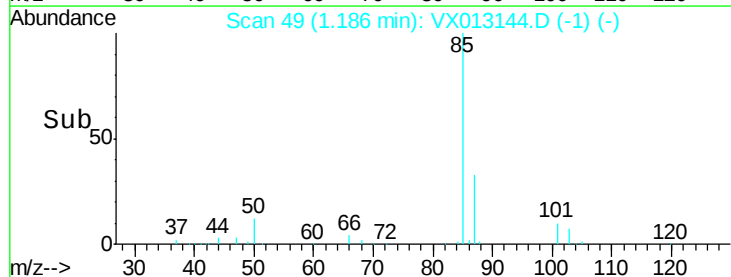
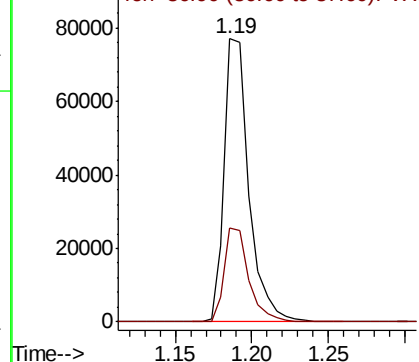
#2

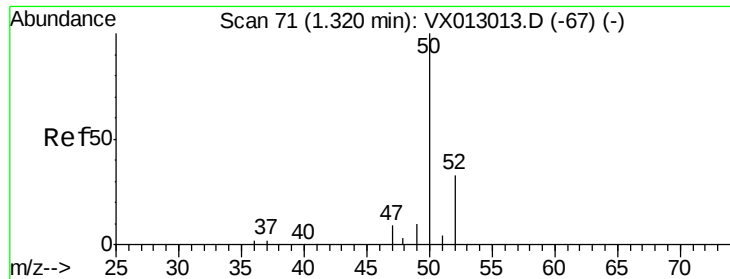
Dichlorodifluoromethane
 Concen: 60.957 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 85 Resp: 86142
 Ion Ratio Lower Upper
 85 100
 87 33.2 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

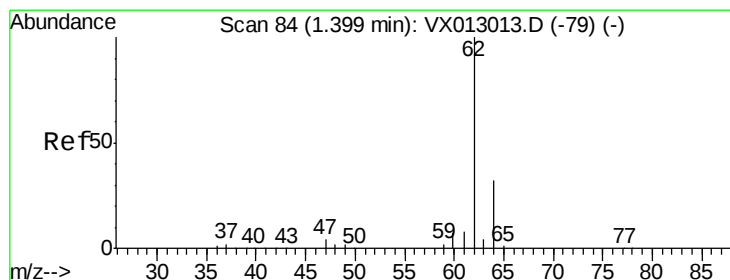
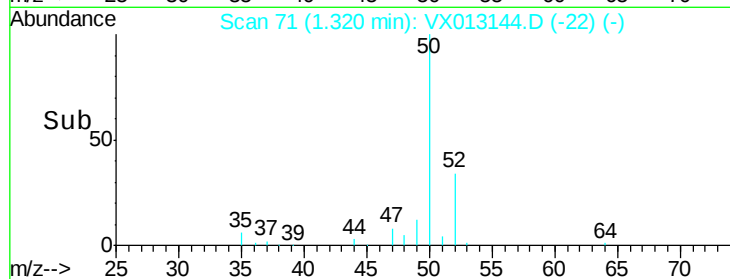
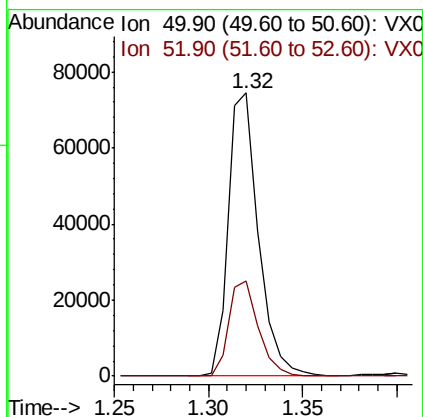
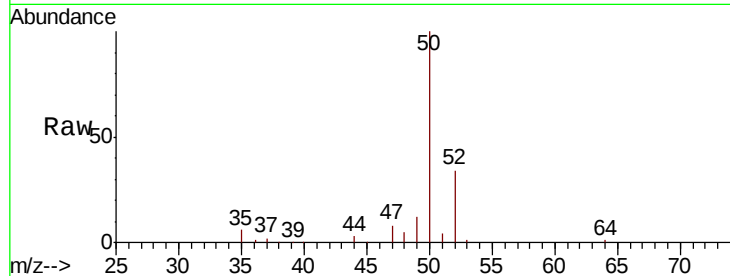




#3
Chloromethane
Concen: 53.644 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

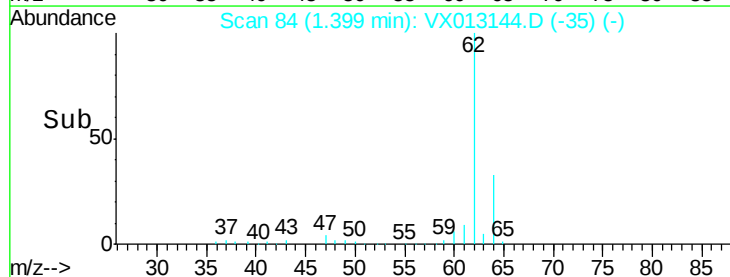
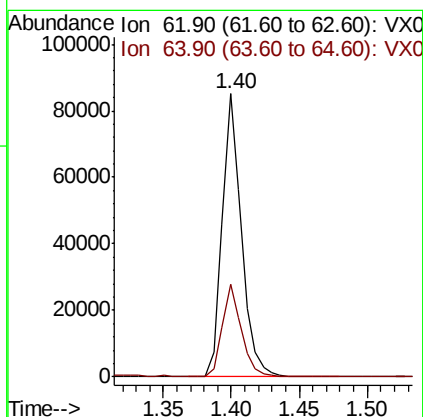
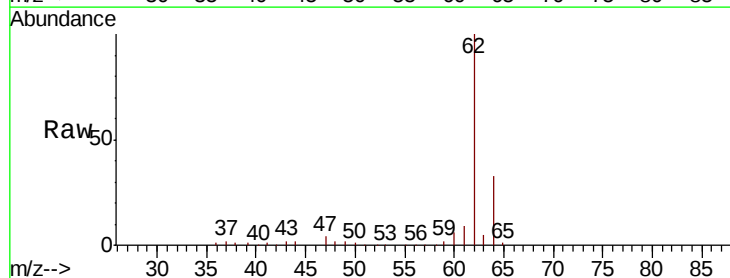
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

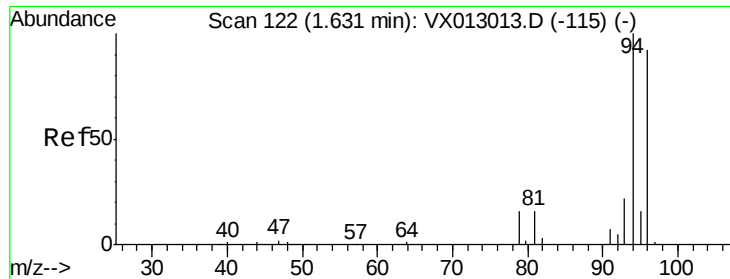
Tot Ion: 50 Resp: 82502
Ion Ratio Lower Upper
50 100
52 33.6 25.2 37.8



#4
Vinyl Chloride
Concen: 52.573 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 62 Resp: 83455
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9

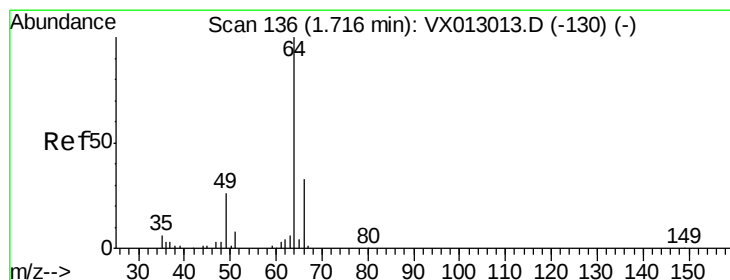
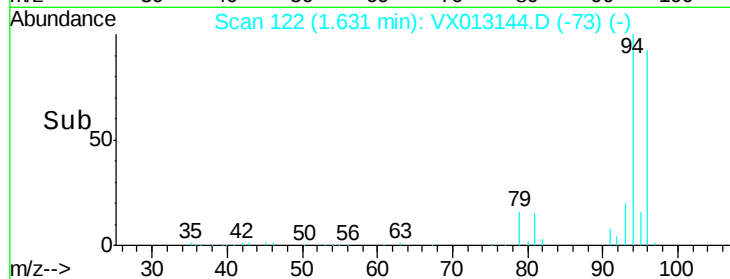
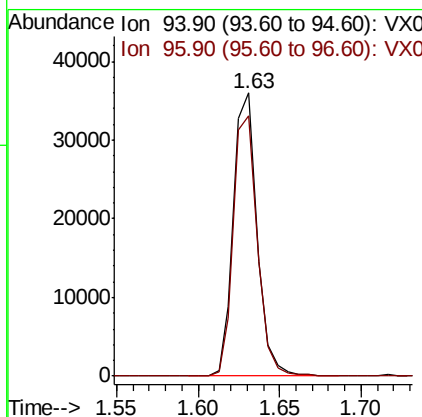
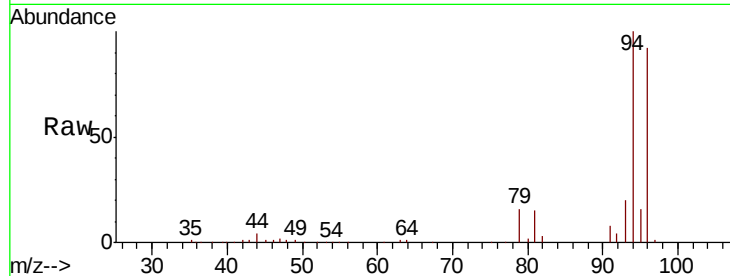




#5
Bromomethane
Concen: 55.106 ug/l
RT: 1.63 min Scan# 122
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

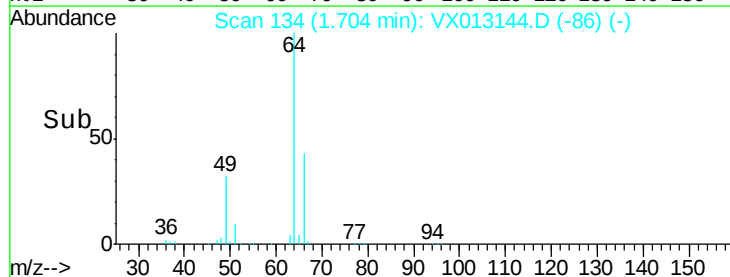
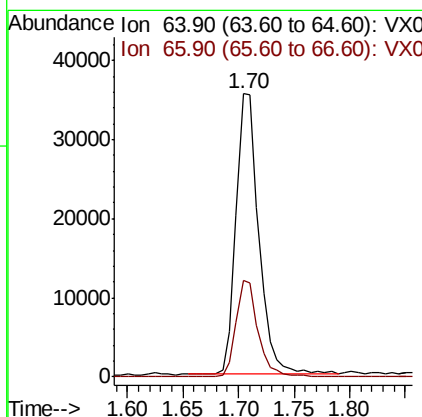
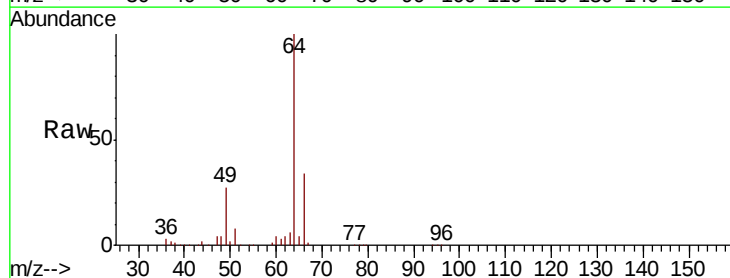
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

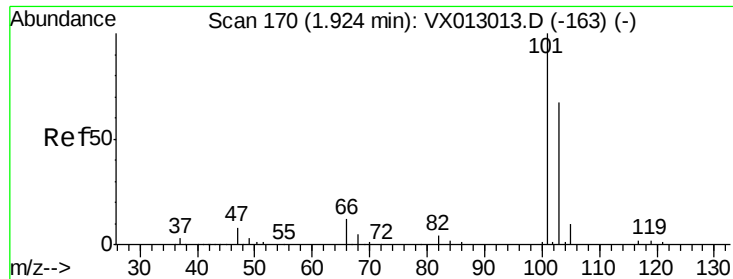
Tot Ion: 94 Resp: 36363
Ion Ratio Lower Upper
94 100
96 92.0 74.7 112.1



#6
Chloroethane
Concen: 52.131 ug/l
RT: 1.70 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 64 Resp: 50564
Ion Ratio Lower Upper
64 100
66 34.6 25.6 38.4



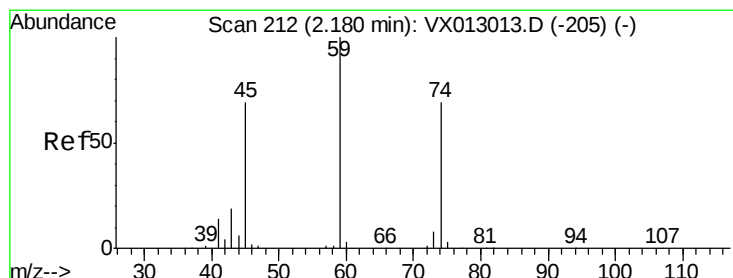
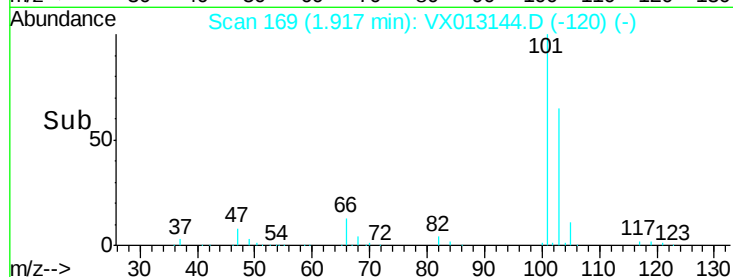
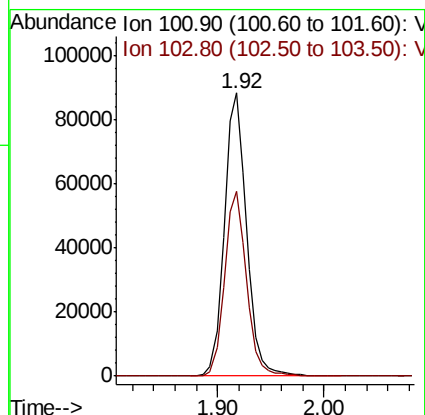
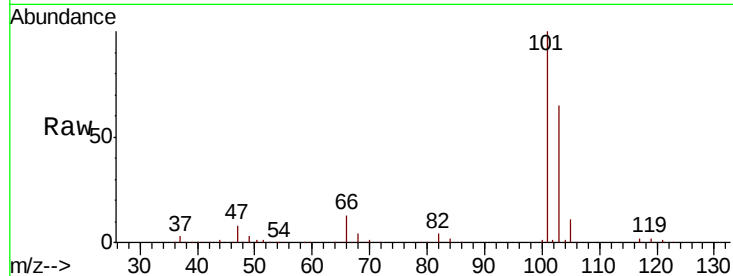


#7

Trichlorofluoromethane
 Concen: 59.881 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

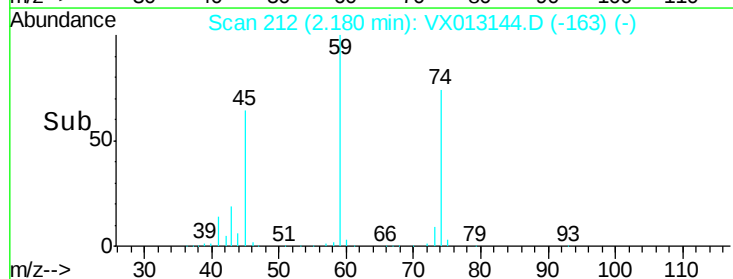
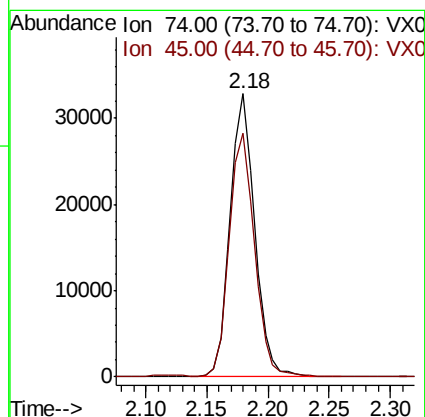
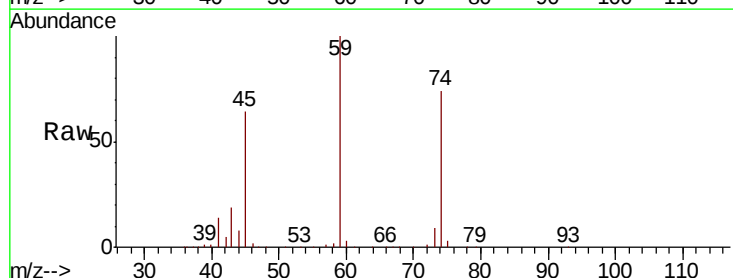
Tot Ion:101 Resp: 128297
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.5 78.7

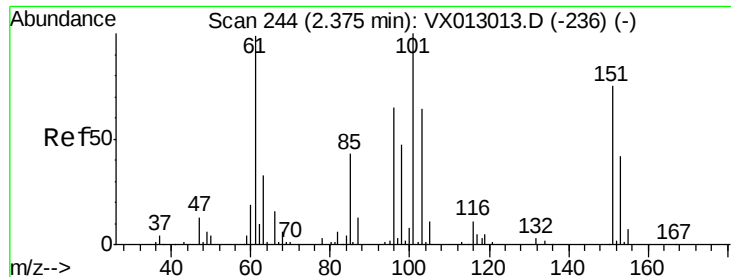


#8

Diethyl Ether
 Concen: 52.879 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 74 Resp: 45731
 Ion Ratio Lower Upper
 74 100
 45 89.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.404 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

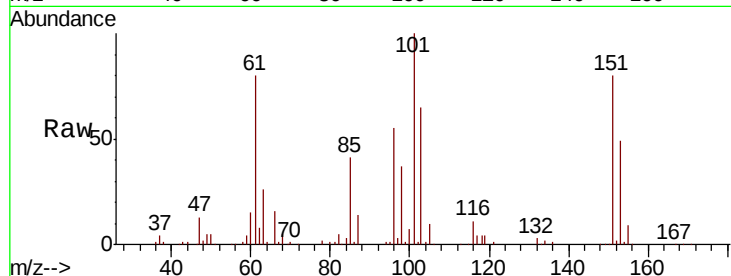
Tot Ion:101 Resp: 76826

Ion Ratio Lower Upper

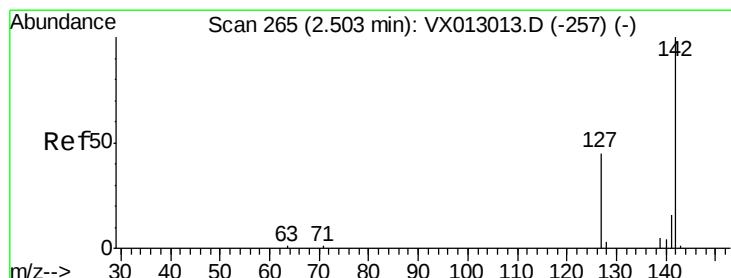
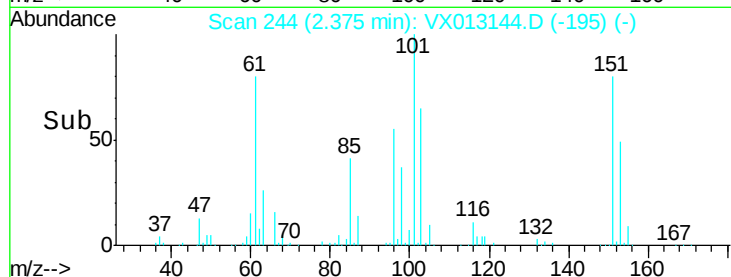
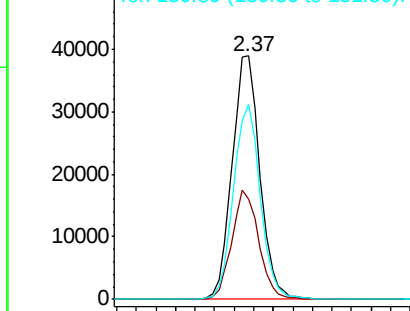
101 100

85 43.5 35.2 52.8

151 77.6 60.3 90.5



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: 62.820 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

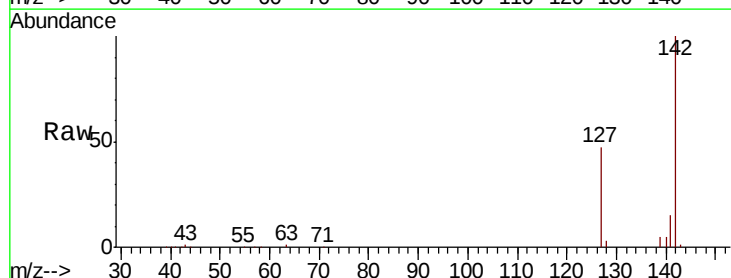
Tgt Ion:142 Resp: 100963

Ion Ratio Lower Upper

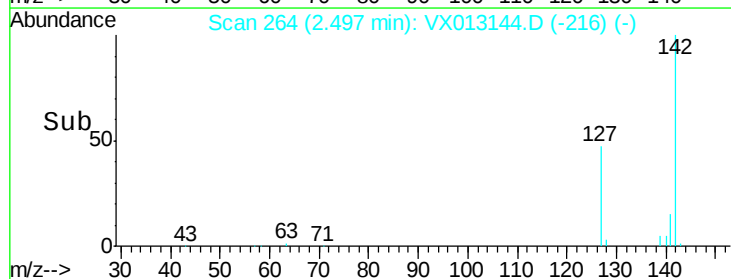
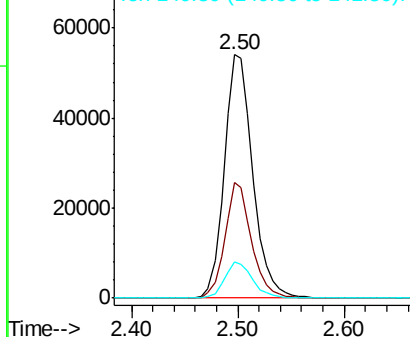
142 100

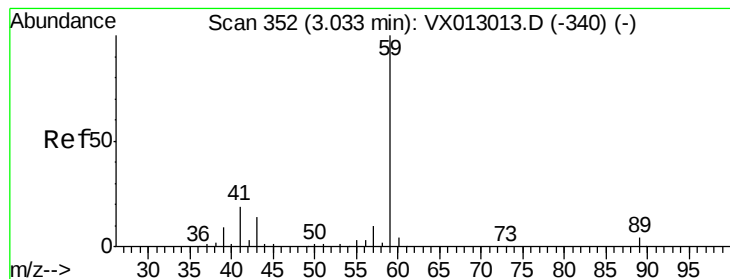
127 44.3 34.9 52.3

141 14.4 11.6 17.4



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



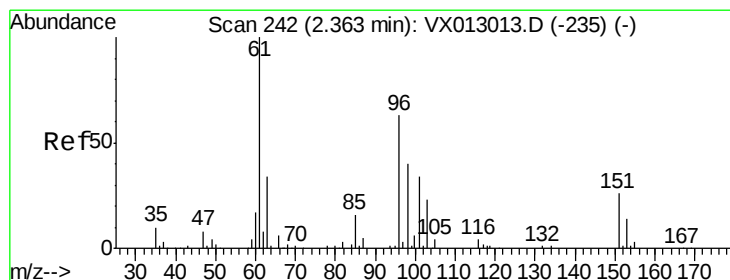
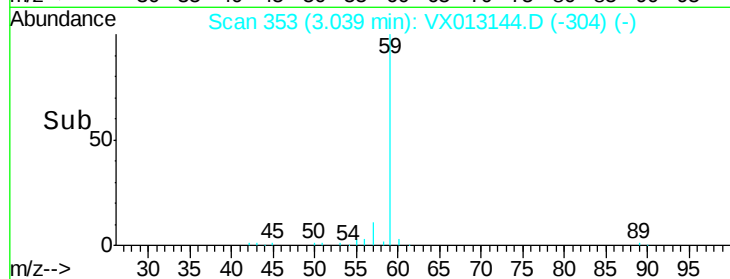
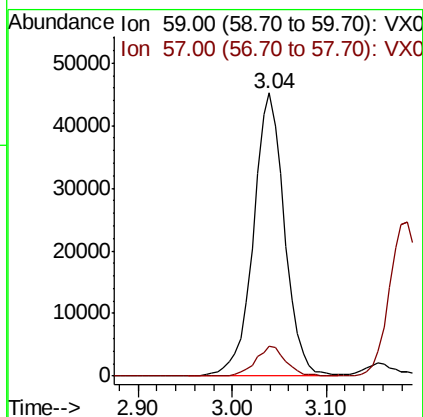
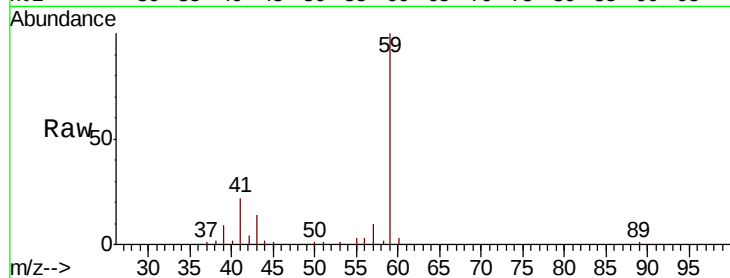


#11

Tert butyl alcohol
 Concen: 227.500 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

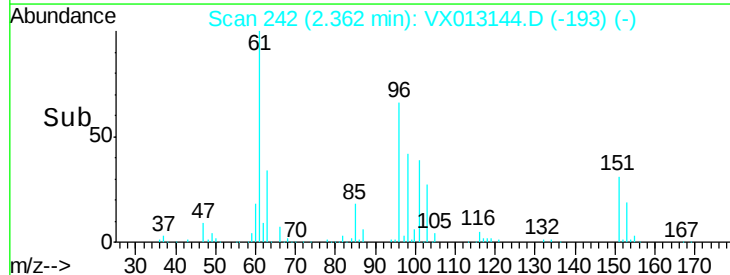
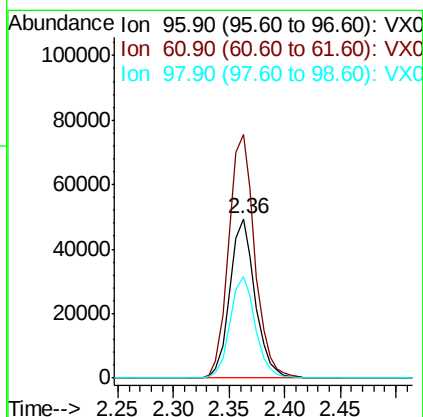
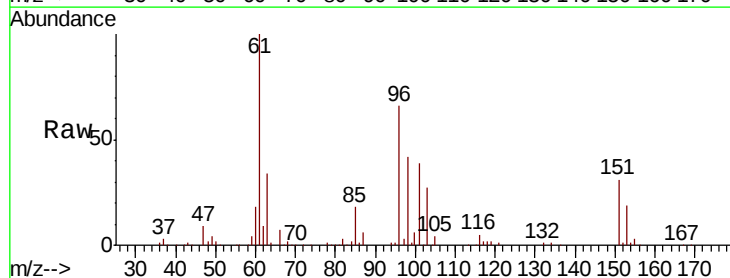
Tot Ion: 59 Resp: 104502
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

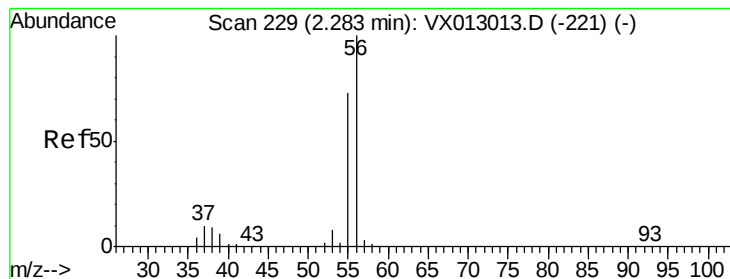


#12

1,1-Dichloroethene
 Concen: 55.452 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 96 Resp: 77689
 Ion Ratio Lower Upper
 96 100
 61 152.4 132.2 198.4
 98 63.3 50.5 75.7





#13

Acrolein

Concen: 259.601 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

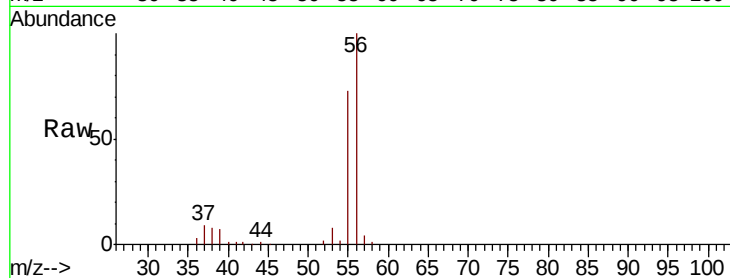
MW-309-SRI4MS

Tot Ion: 56 Resp: 84744

Ion Ratio Lower Upper

56 100

55 70.9 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

30000

20000

10000

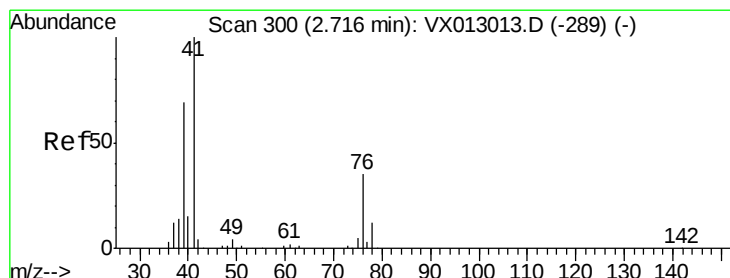
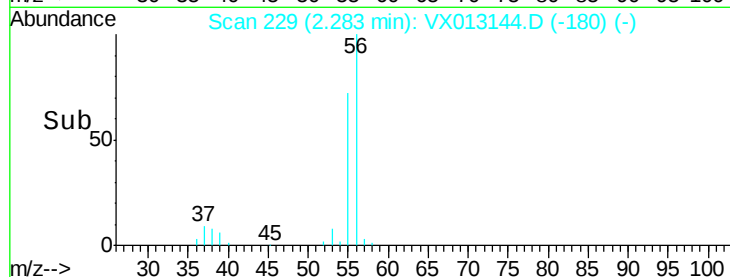
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 49.825 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

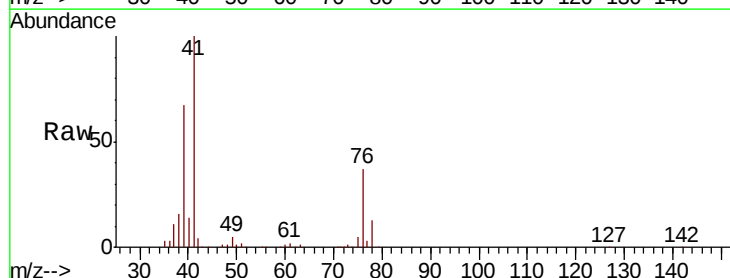
Tgt Ion: 41 Resp: 124312

Ion Ratio Lower Upper

41 100

39 65.8 51.0 76.6

76 35.2 26.2 39.4



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

80000

60000

40000

20000

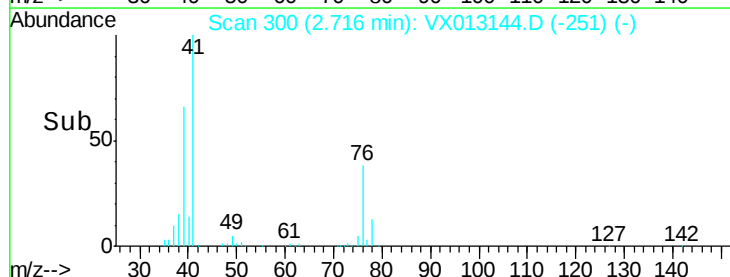
0

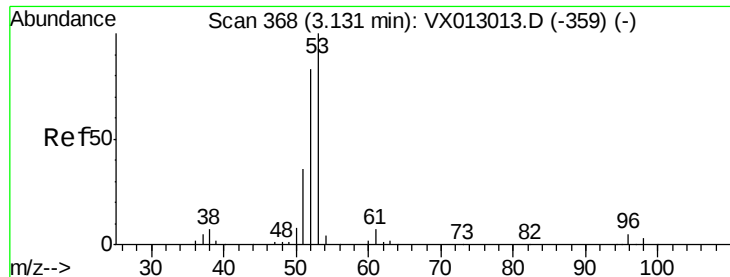
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 260.080 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

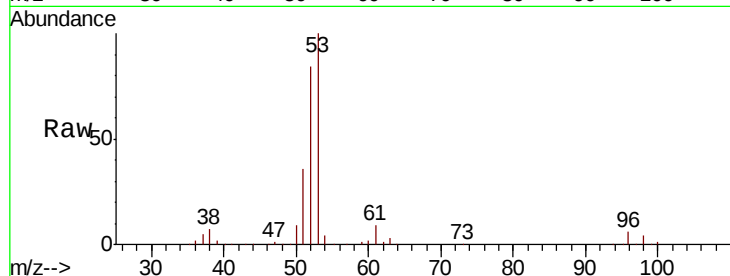
Tot Ion: 53 Resp: 226400

Ion Ratio Lower Upper

53 100

52 83.0 66.2 99.2

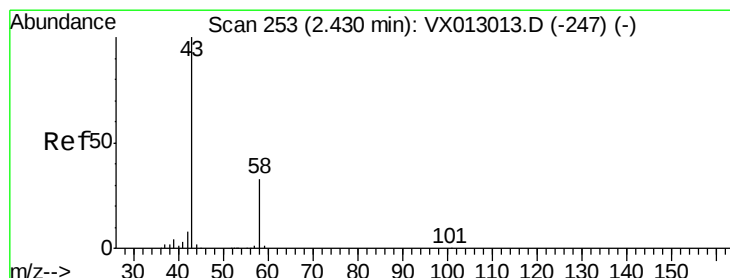
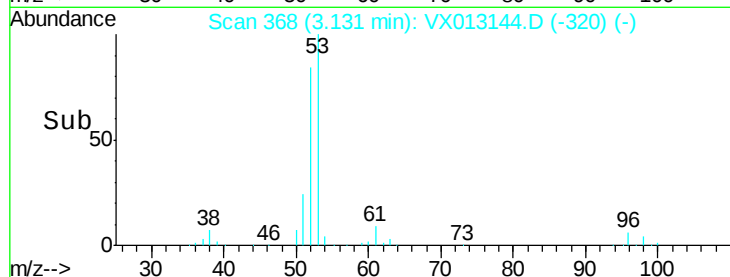
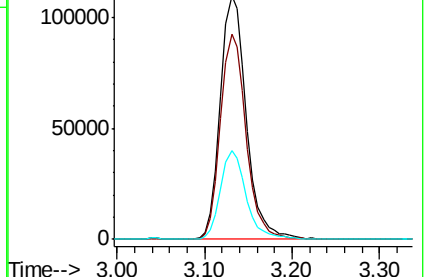
51 36.1 28.2 42.4



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: 210.765 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013144.D

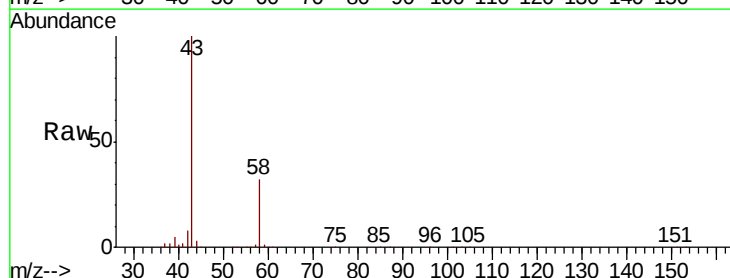
Acq: 18 Oct 2019 21:47

Tgt Ion: 43 Resp: 192504

Ion Ratio Lower Upper

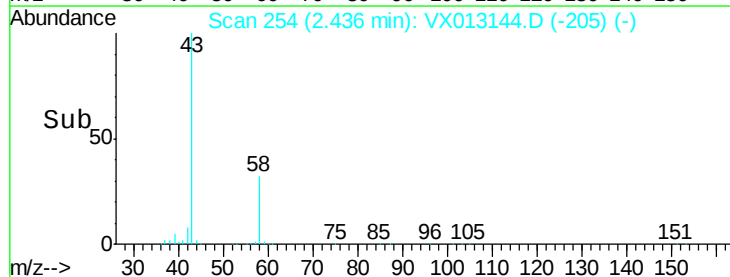
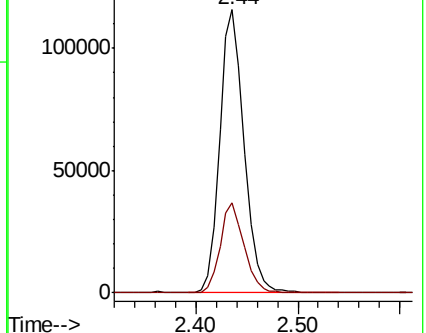
43 100

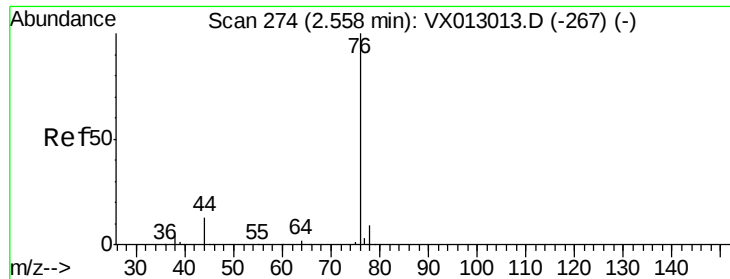
58 31.7 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

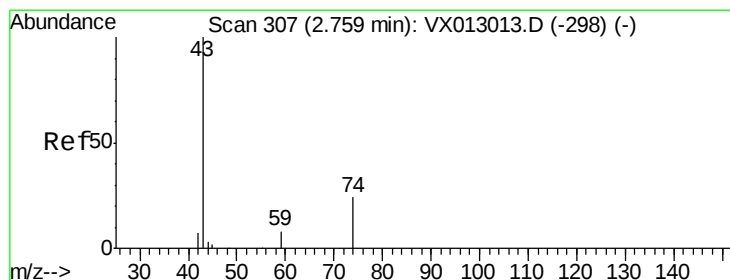
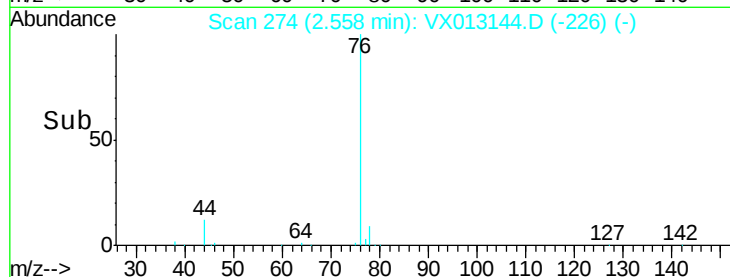
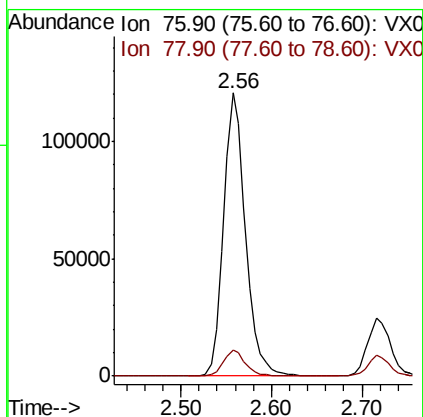
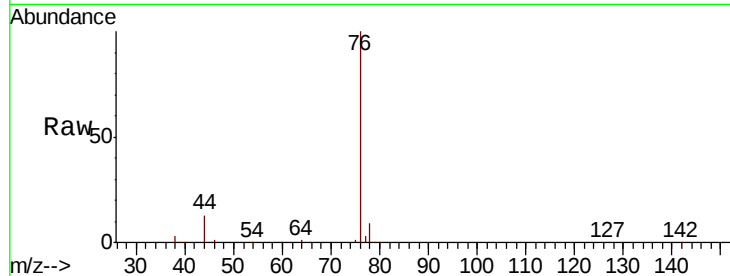




#17
Carbon Disulfide
Concen: 50.635 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

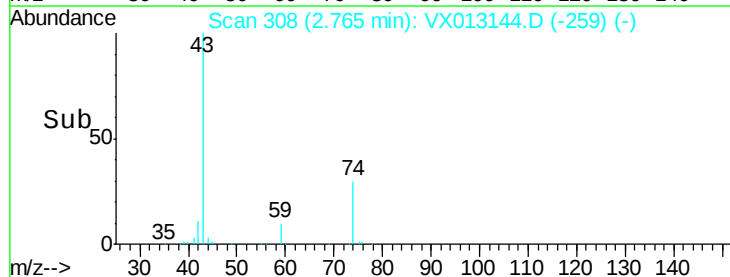
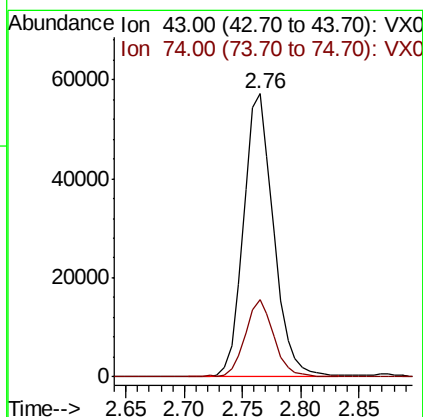
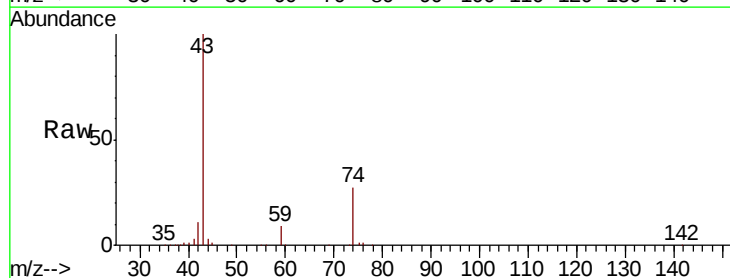
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

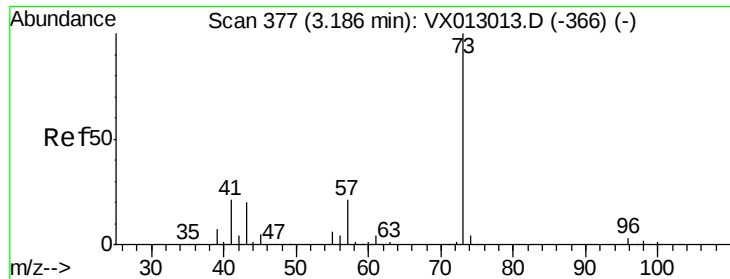
Tot Ion: 76 Resp: 202278
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 47.597 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 43 Resp: 103042
Ion Ratio Lower Upper
43 100
74 26.4 19.2 28.8

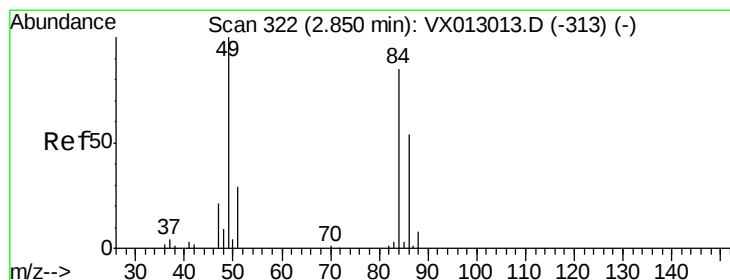
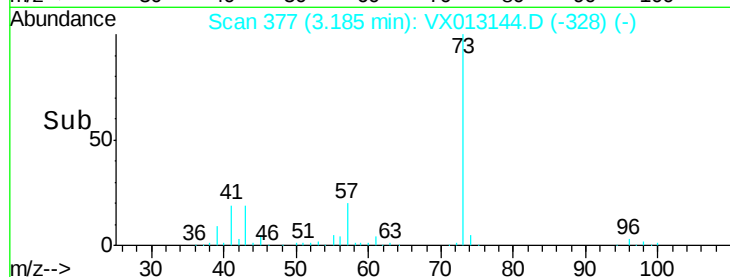
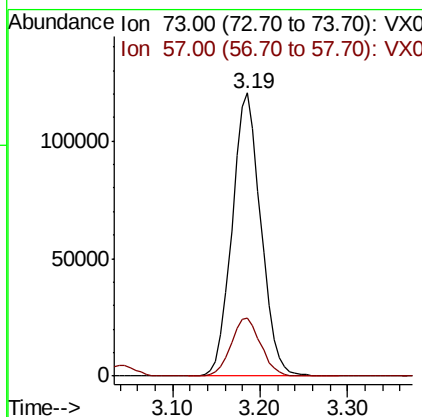
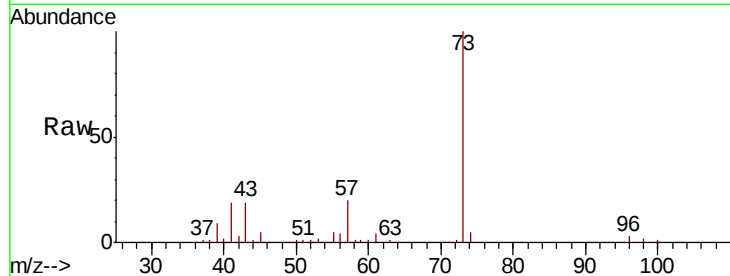




#19
Methyl tert-butyl Ether
Concen: 56.966 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

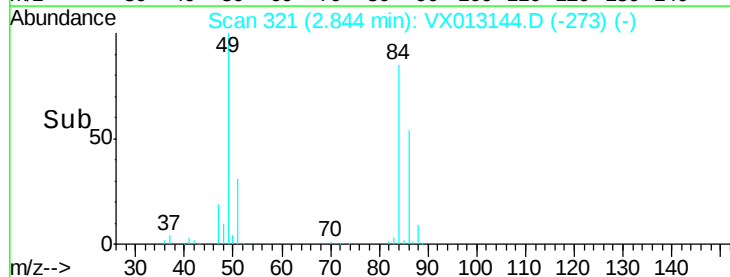
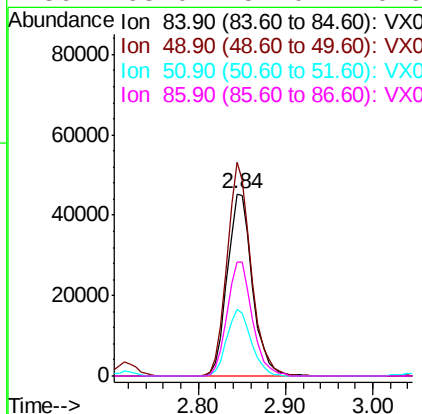
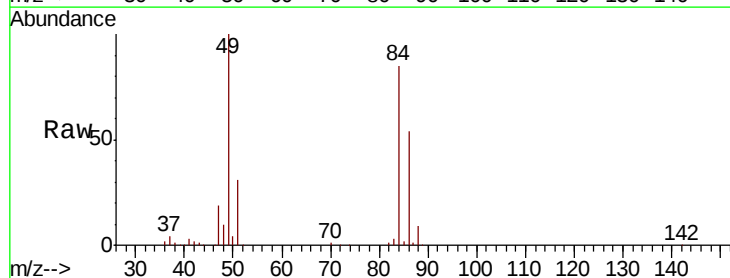
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

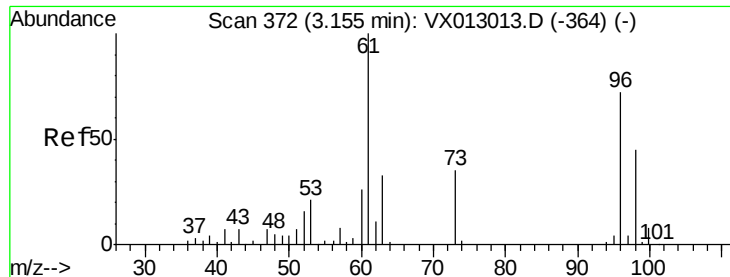
Tot Ion: 73 Resp: 275614
Ion Ratio Lower Upper
73 100
57 20.4 17.8 26.6



#20
Methylene Chloride
Concen: 53.563 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 84 Resp: 89909
Ion Ratio Lower Upper
84 100
49 117.4 96.6 144.8
51 36.6 30.7 46.1
86 63.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 55.436 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

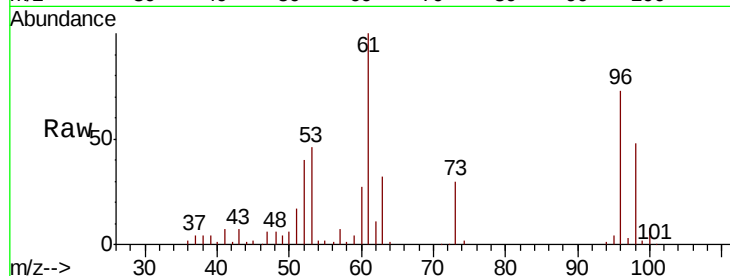
Tot Ion: 96 Resp: 83244

Ion Ratio Lower Upper

96 100

61 136.7 110.4 165.6

98 65.7 51.5 77.3

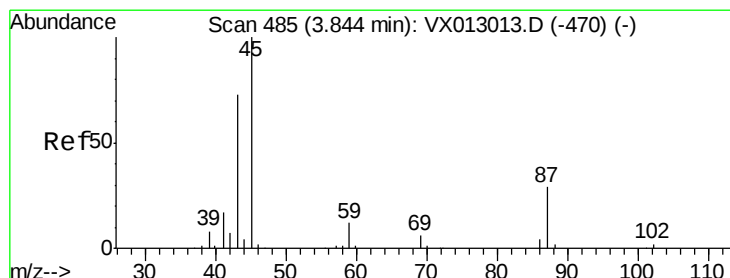
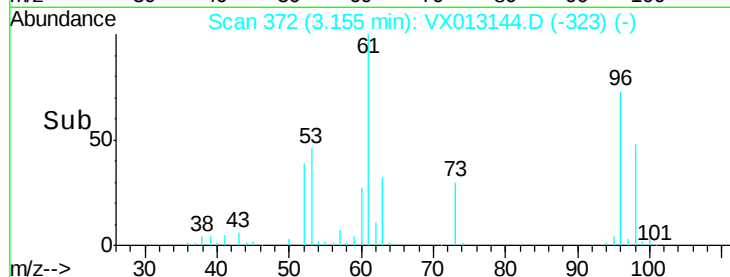
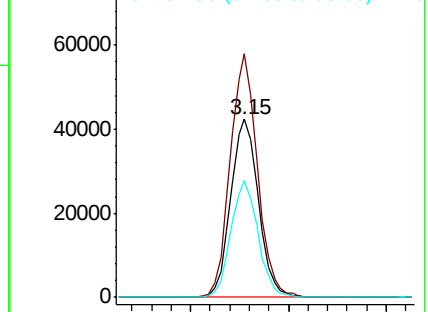


Abundance

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: 52.219 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion: 45 Resp: 249652

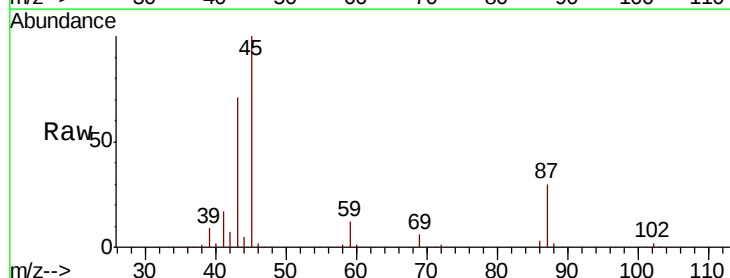
Ion Ratio Lower Upper

45 100

43 71.1 51.4 77.0

87 30.2 22.5 33.7

59 11.5 9.7 14.5



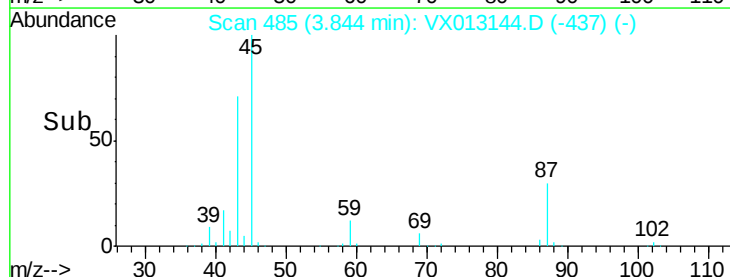
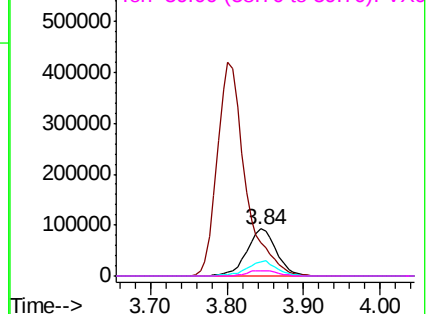
Abundance

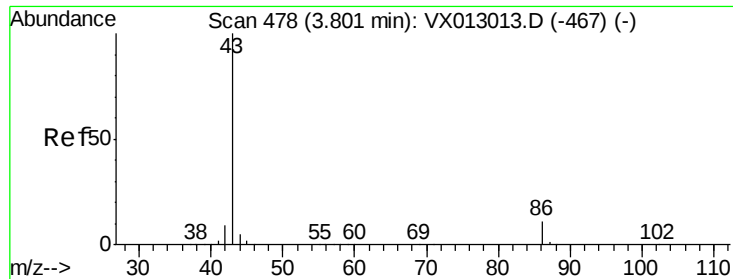
Ion 45.00 (44.70 to 45.70): VX0

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

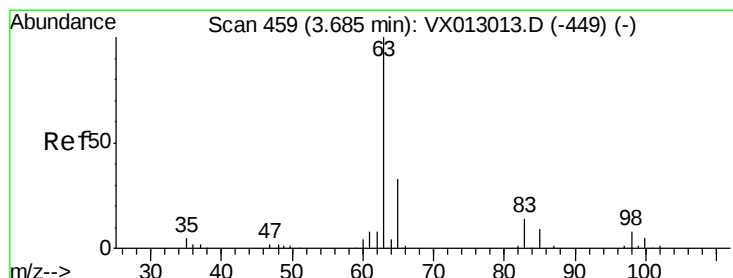
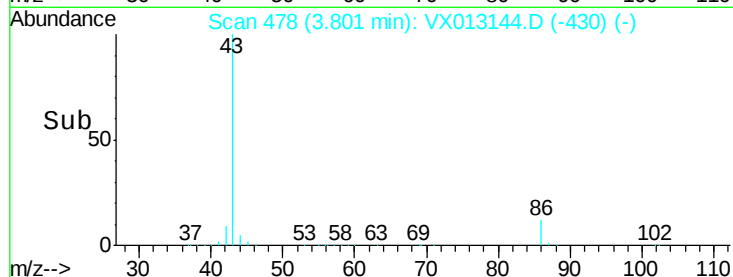
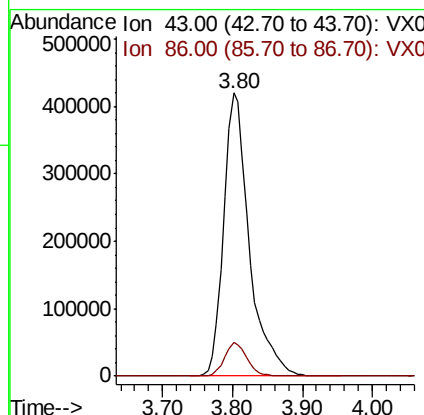
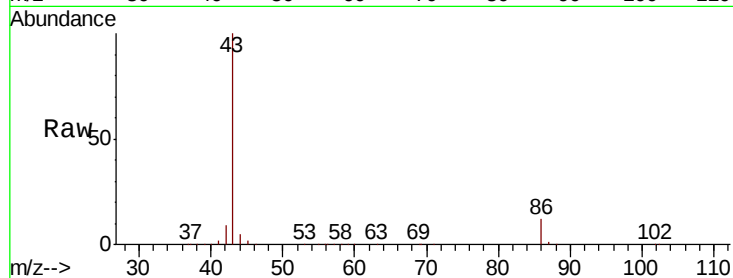




#23
 Vinyl Acetate
 Concen: 259.008 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

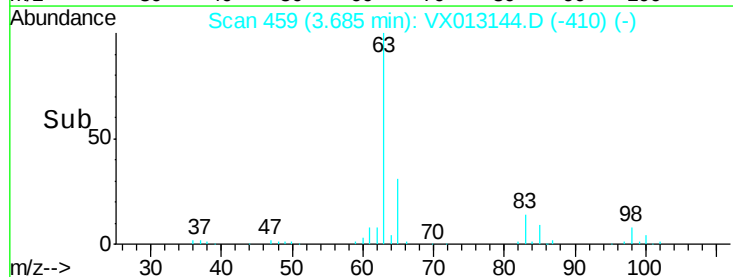
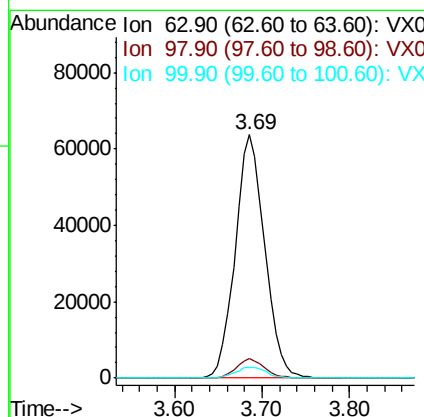
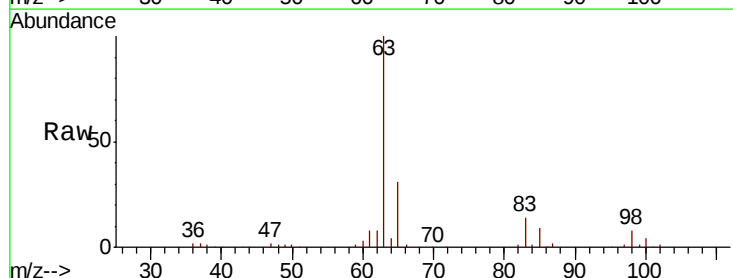
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

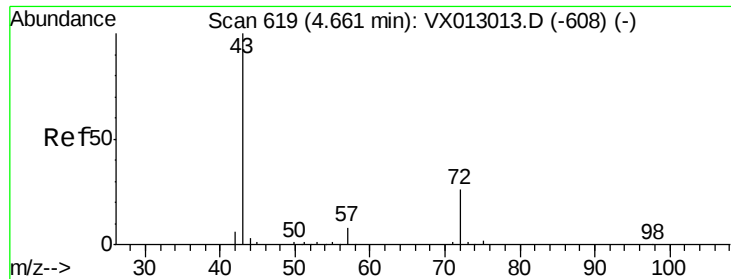
Tot Ion: 43 Resp: 1068978
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.0 13.6



#24
 1,1-Dichloroethane
 Concen: 55.575 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 63 Resp: 149474
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.9 11.5
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 238.562 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

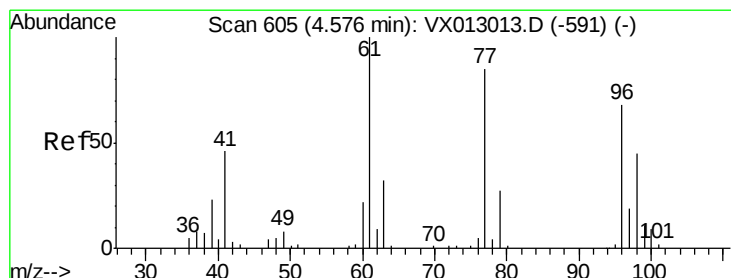
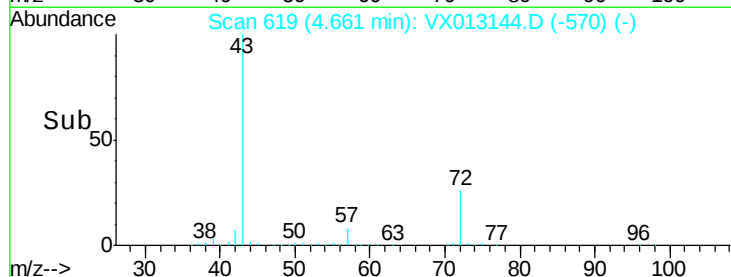
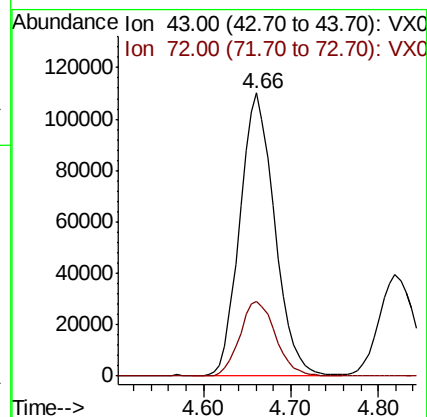
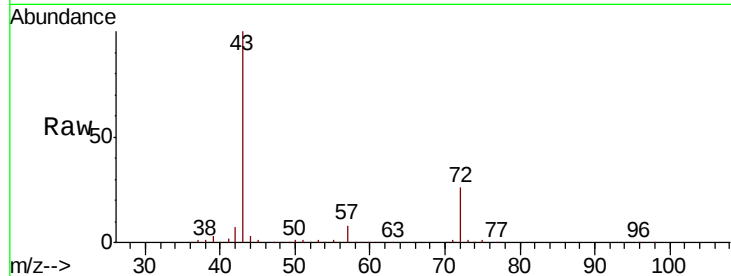
MW-309-SRI4MS

Tot Ion: 43 Resp: 302295

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 49.199 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013144.D

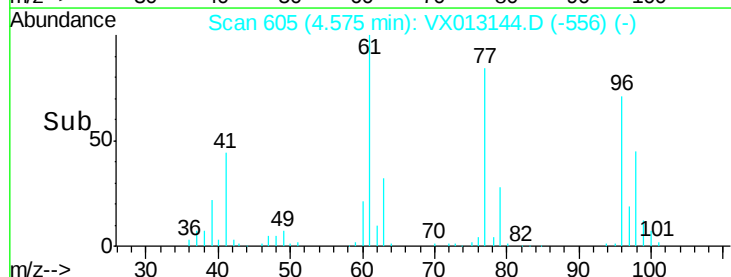
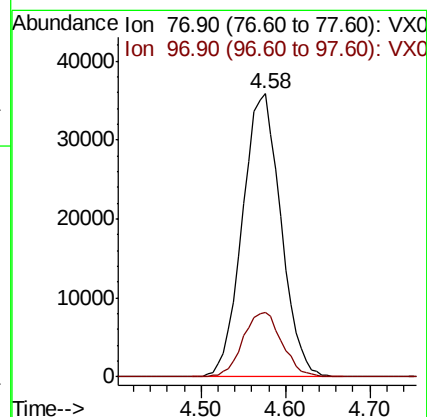
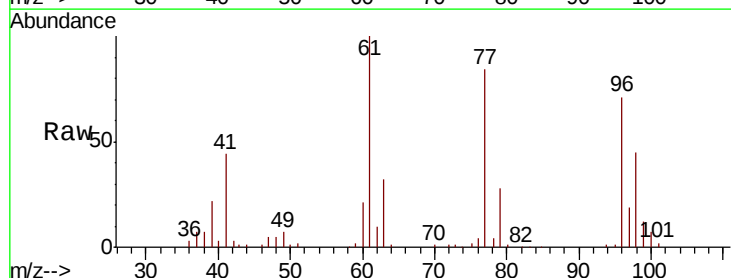
Acq: 18 Oct 2019 21:47

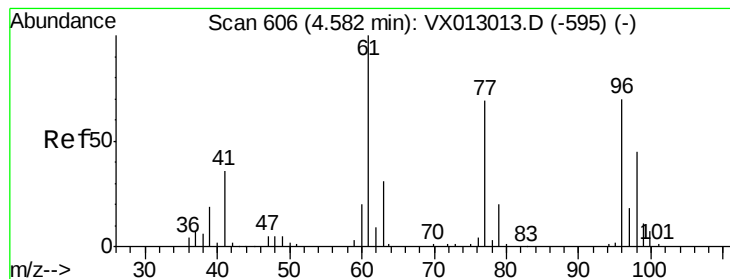
Tgt Ion: 77 Resp: 111275

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.9



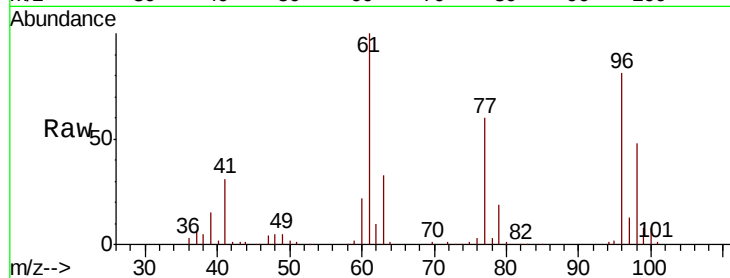


#27

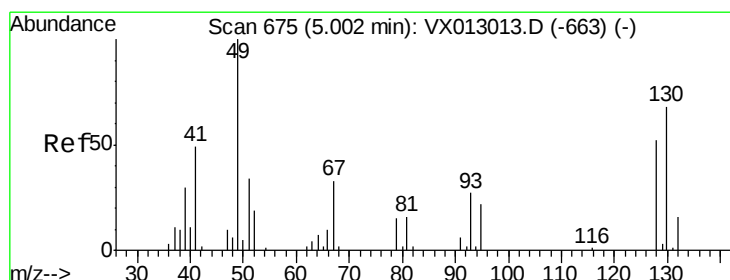
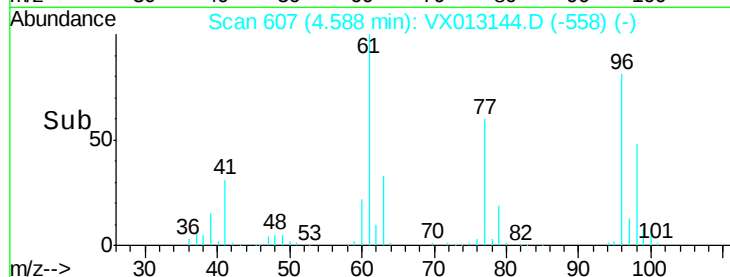
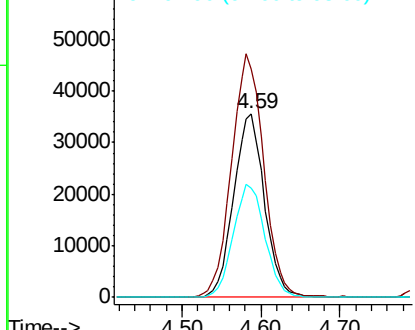
cis-1,2-Dichloroethene
Concen: 55.745 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion: 96 Resp: 96489
Ion Ratio Lower Upper
96 100
61 139.0 0.0 290.6
98 63.3 0.0 128.8



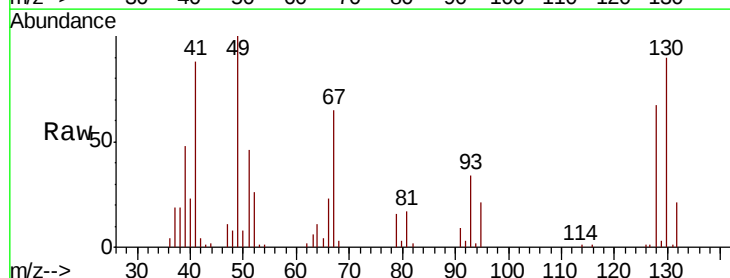
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



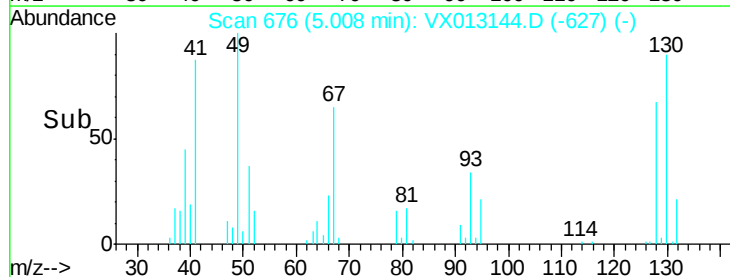
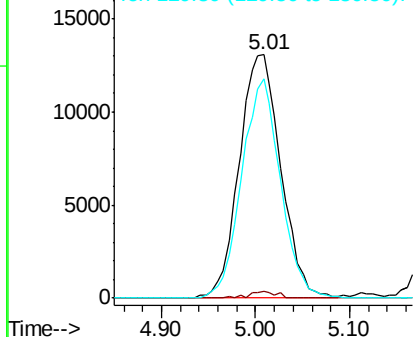
#28

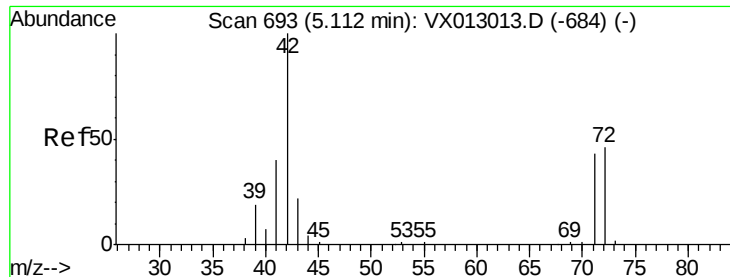
Bromochloromethane
Concen: 50.141 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 49 Resp: 40302
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.2
130 84.2 62.1 93.1



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

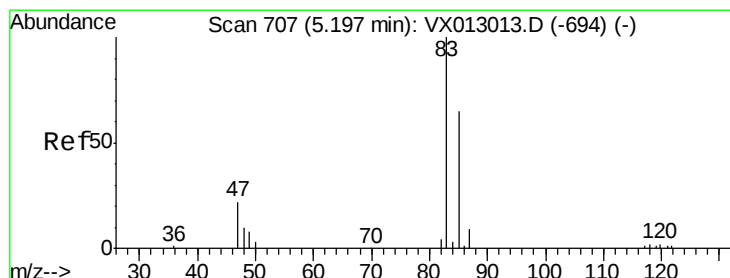
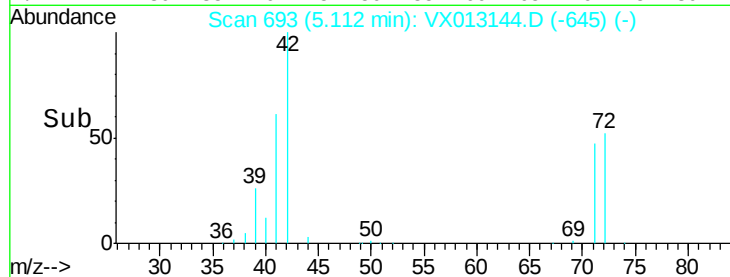
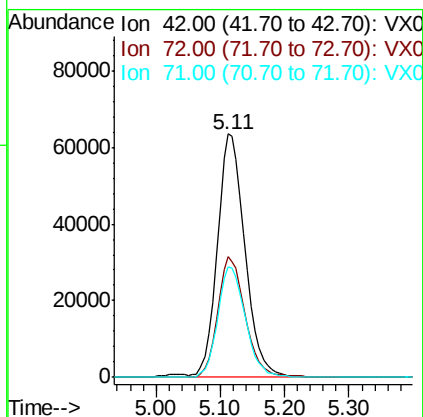
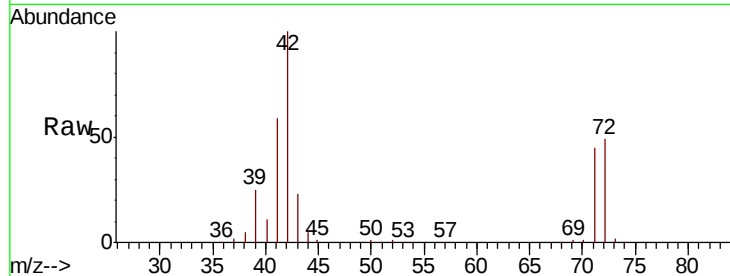




#29
Tetrahydrofuran
Concen: 244.781 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

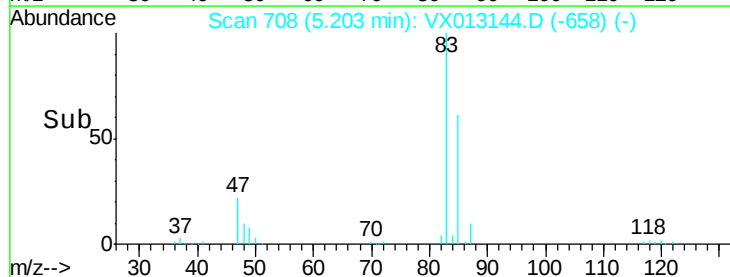
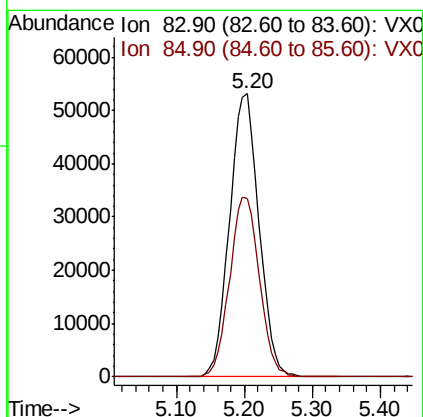
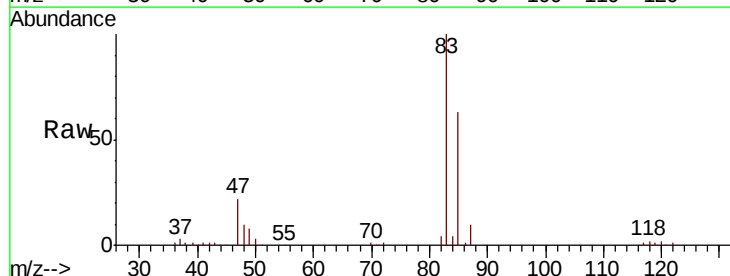
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

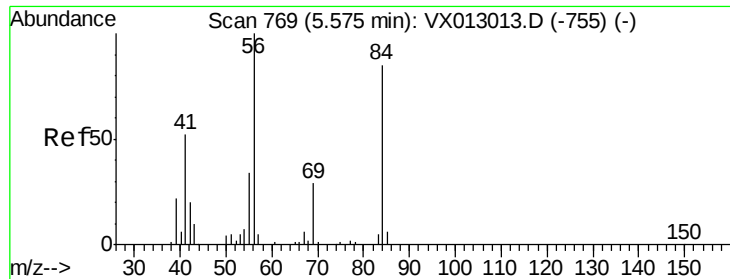
Tot Ion: 42 Resp: 190872
Ion Ratio Lower Upper
42 100
72 49.8 36.9 55.3
71 45.8 33.5 50.3



#30
Chloroform
Concen: 57.920 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 83 Resp: 159845
Ion Ratio Lower Upper
83 100
85 63.2 51.5 77.3

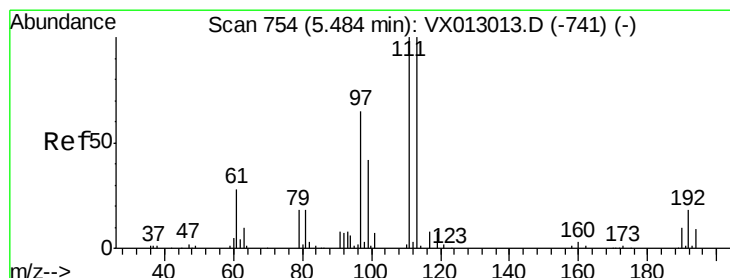
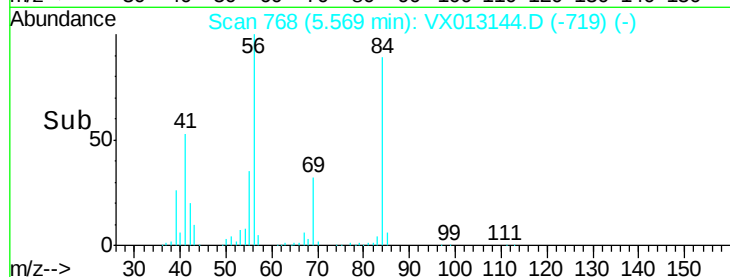
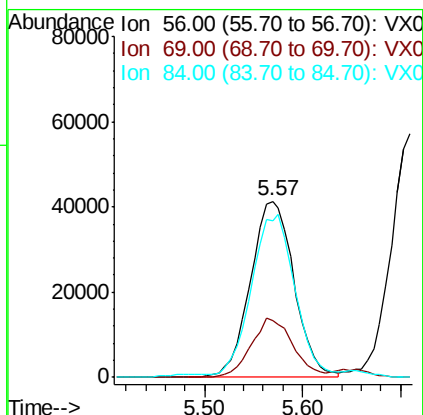
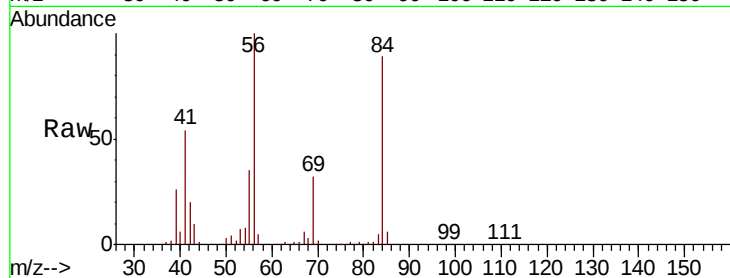




#31
Cyclohexane
Concen: 50.992 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

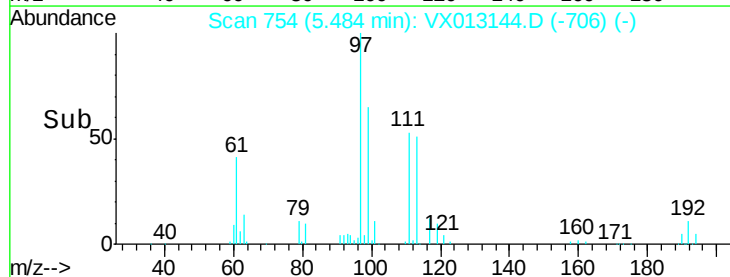
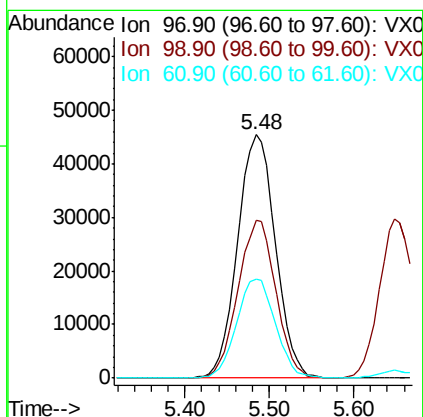
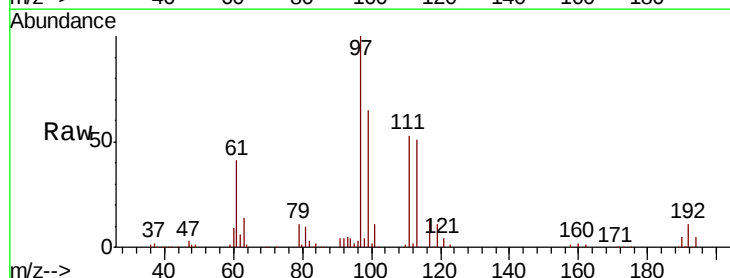
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

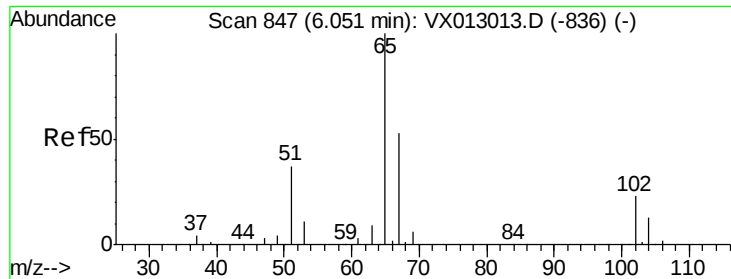
Tot Ion: 56 Resp: 128244
Ion Ratio Lower Upper
56 100
69 31.7 25.2 37.8
84 86.8 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 59.178 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 97 Resp: 138380
Ion Ratio Lower Upper
97 100
99 65.0 52.3 78.5
61 41.8 35.0 52.4

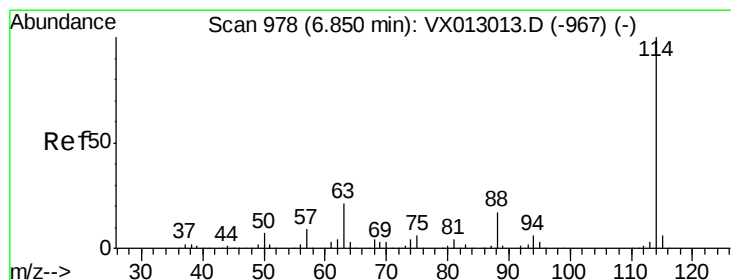
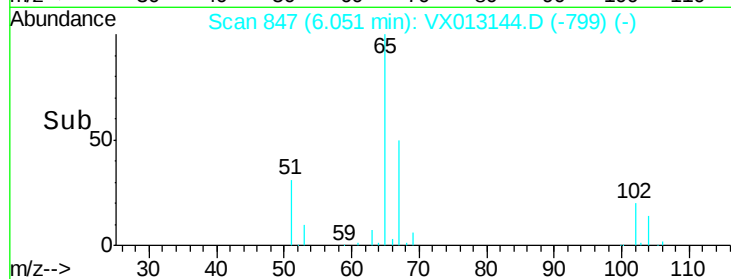
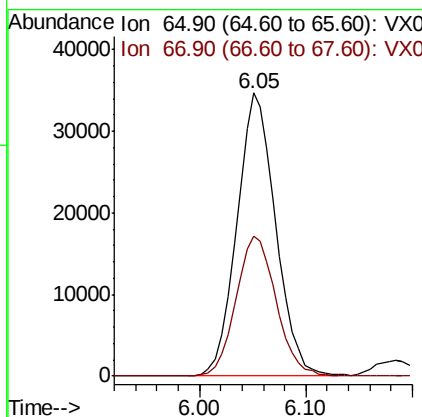
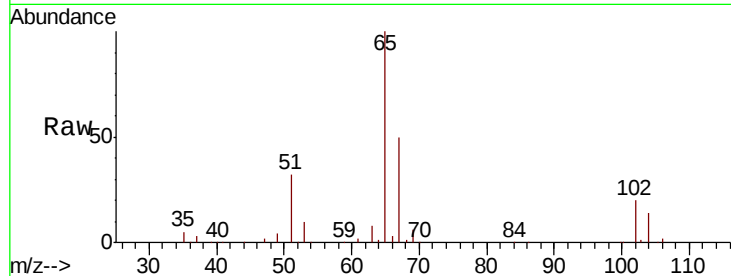




#33
 1,2-Dichloroethane-d4
 Concen: 51.015 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

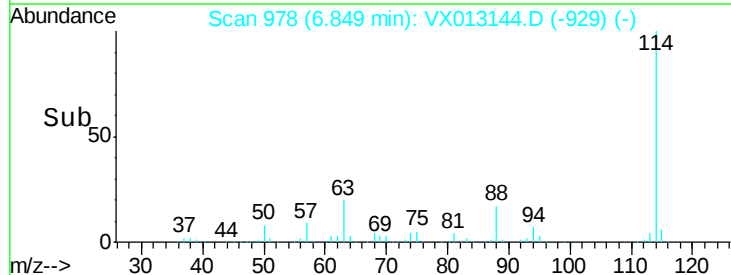
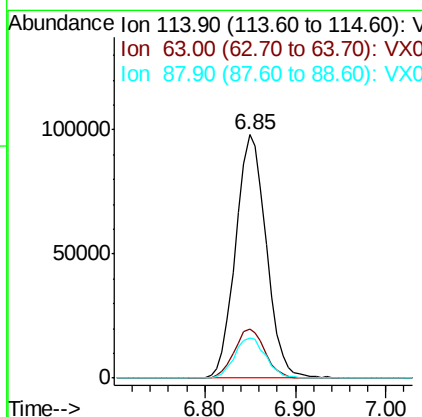
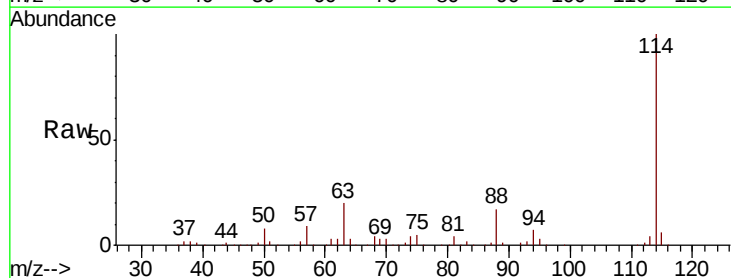
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

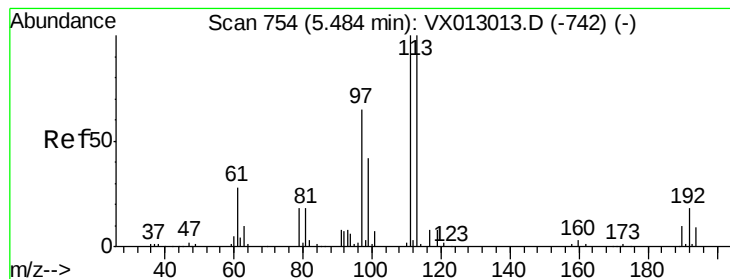
Tot Ion: 65 Resp: 88398
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 114 Resp: 229929
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 54.445 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

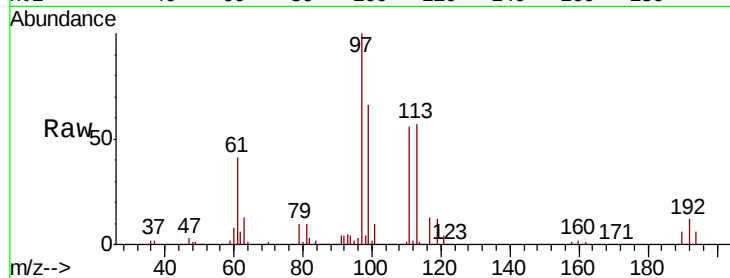
Tot Ion:113 Resp: 71850

Ion Ratio Lower Upper

113 100

111 100.6 83.2 124.8

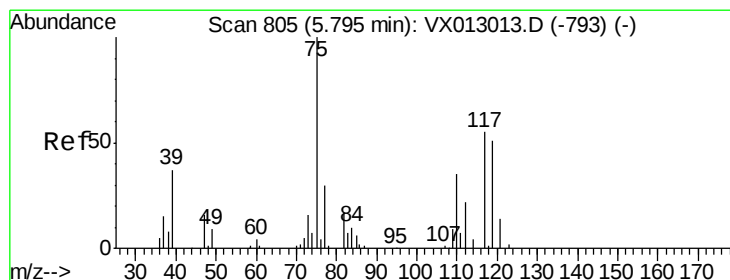
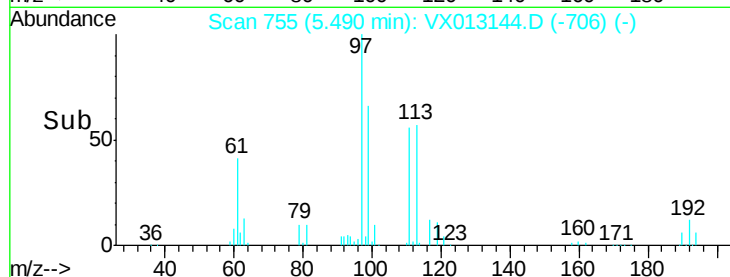
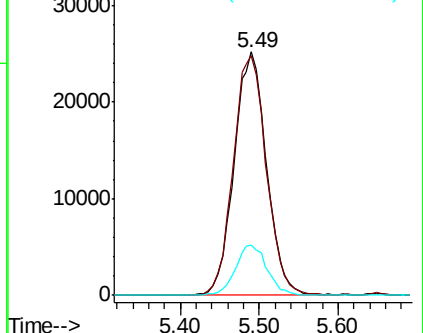
192 20.1 15.4 23.2



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: 55.948 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

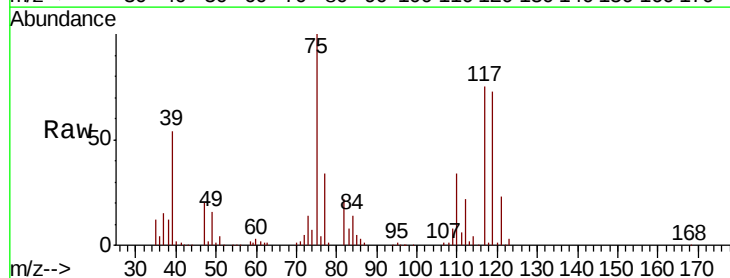
Tgt Ion: 75 Resp: 113102

Ion Ratio Lower Upper

75 100

110 36.5 17.6 52.9

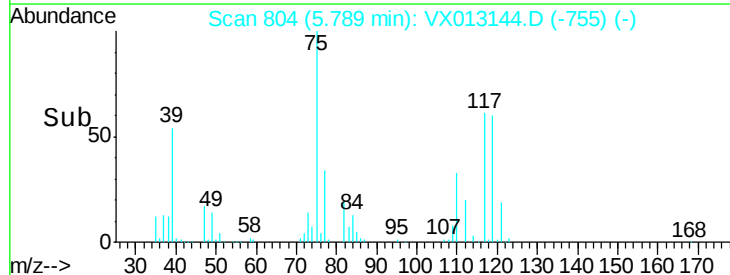
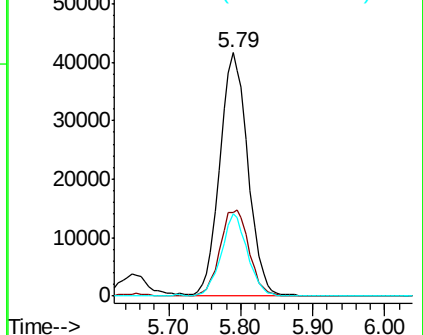
77 31.5 24.4 36.6

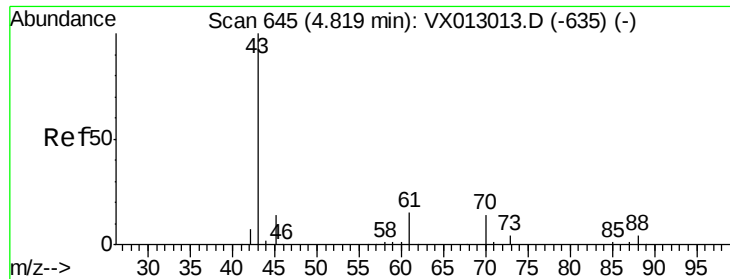


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

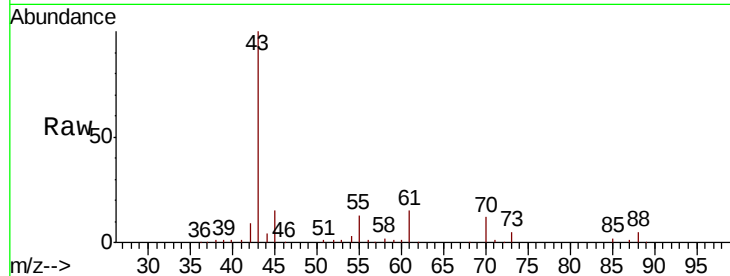




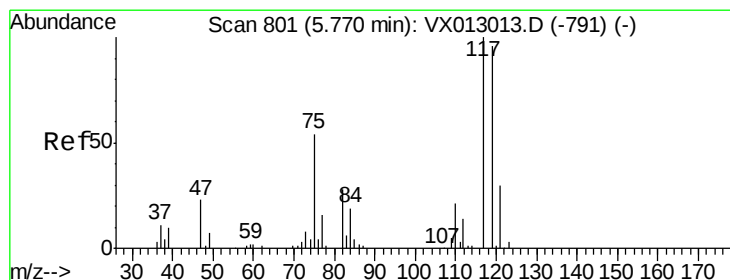
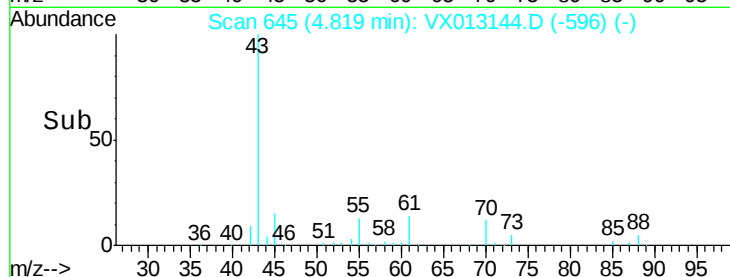
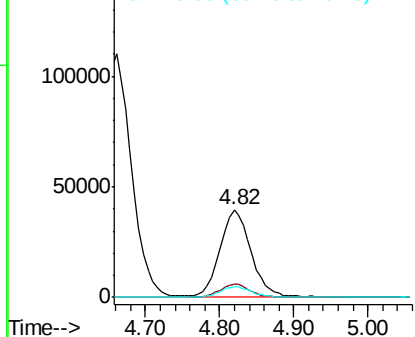
#37
Ethyl Acetate
Concen: 50.633 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion: 43 Resp: 114455
Ion Ratio Lower Upper
43 100
61 14.8 11.4 17.0
70 12.6 9.8 14.6

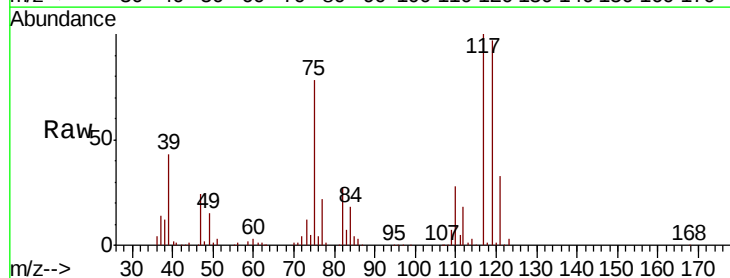


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

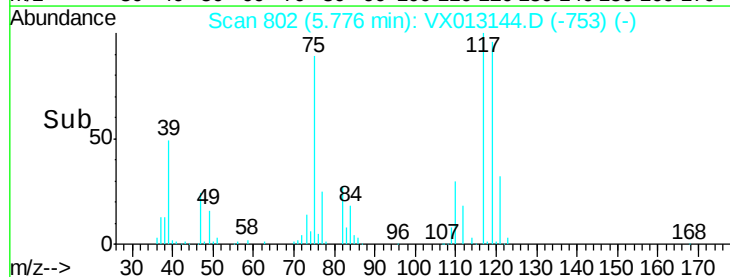
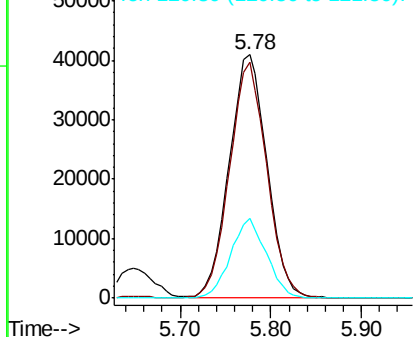


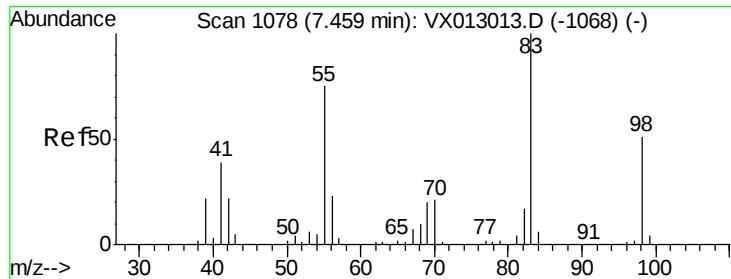
#38
Carbon Tetrachloride
Concen: 60.179 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 117 Resp: 118411
Ion Ratio Lower Upper
117 100
119 96.9 74.5 111.7
121 32.7 24.2 36.4



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

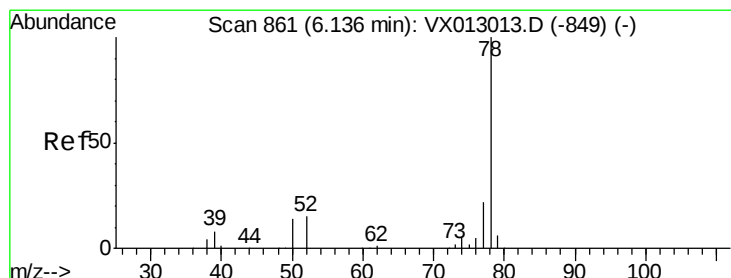
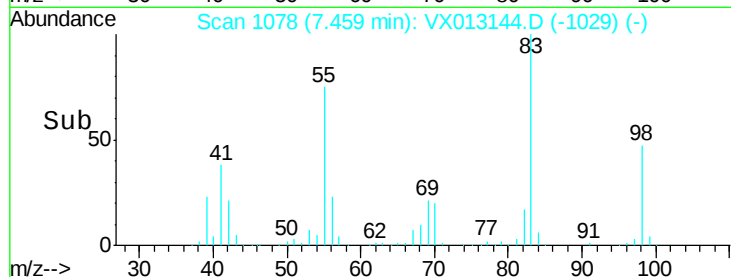
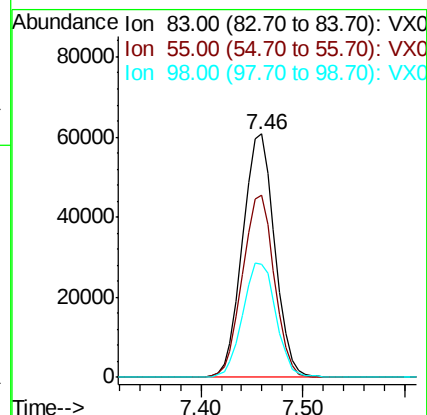
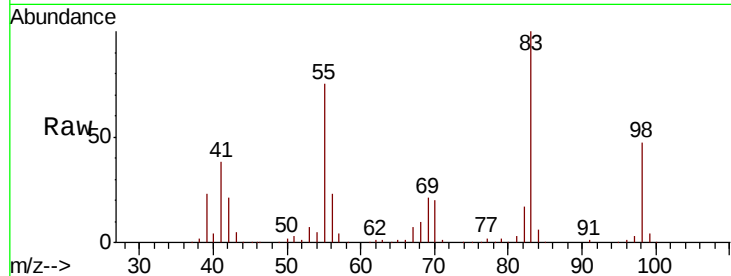




#39
Methvlcvclohexane
Concen: 54.220 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

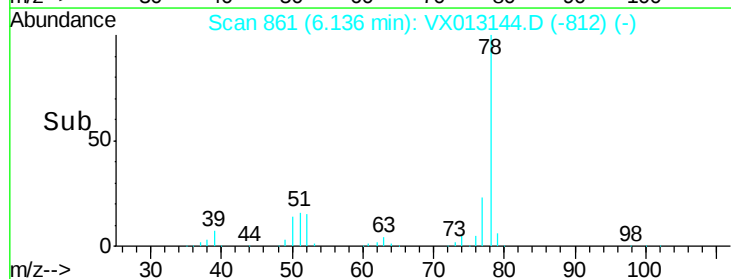
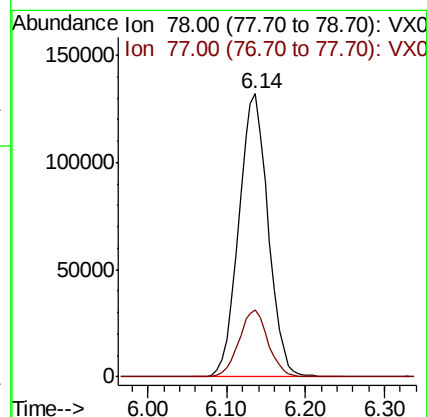
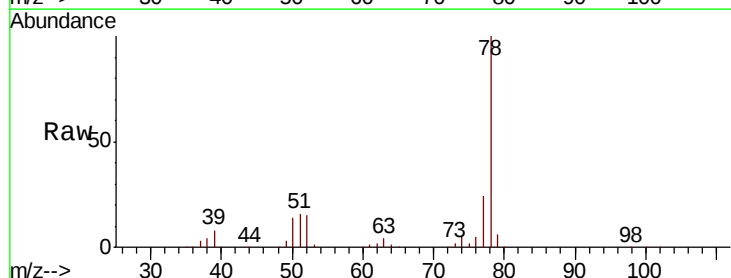
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

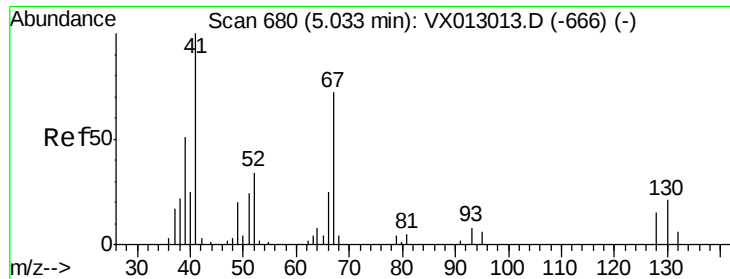
Tot Ion: 83 Resp: 132926
Ion Ratio Lower Upper
83 100
55 74.8 60.2 90.4
98 46.6 38.5 57.7



#40
Benzene
Concen: 57.142 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 78 Resp: 341174
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





#41

Methacrylonitrile

Concen: 51.748 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

Tot Ion: 41 Resp: 64277

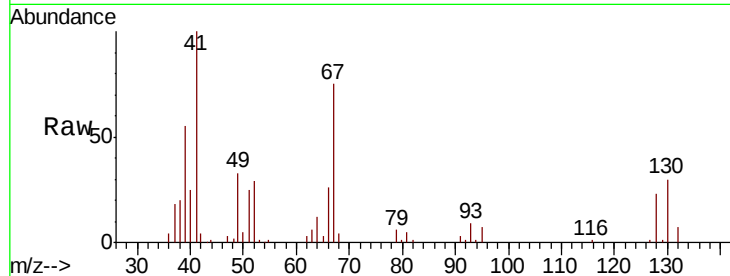
Ion Ratio Lower Upper

41 100

39 56.8 44.0 66.0

67 76.9 58.5 87.7

52 30.2 23.8 35.8

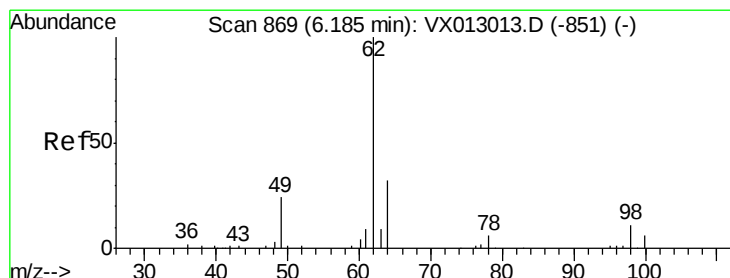
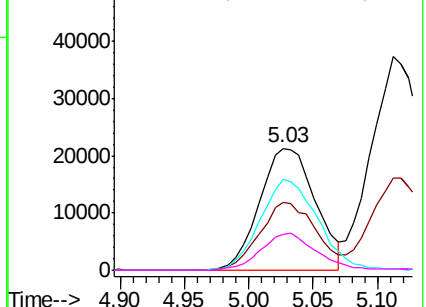
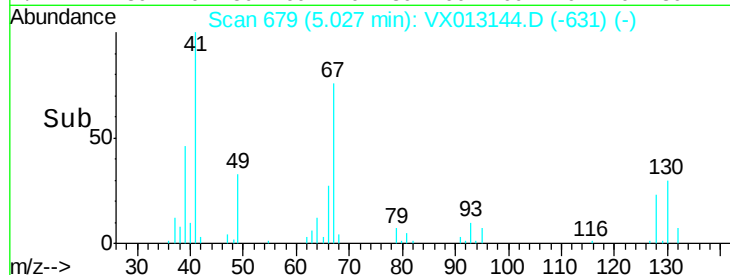


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 59.382 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX013144.D

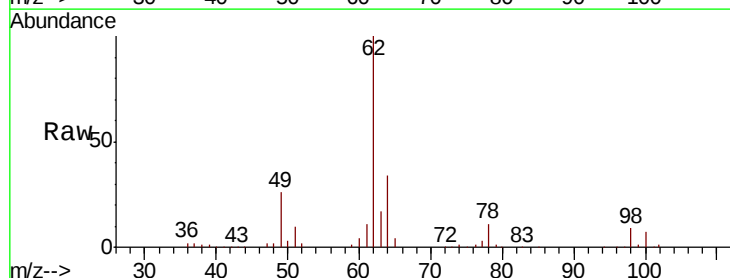
Acq: 18 Oct 2019 21:47

Tgt Ion: 62 Resp: 127223

Ion Ratio Lower Upper

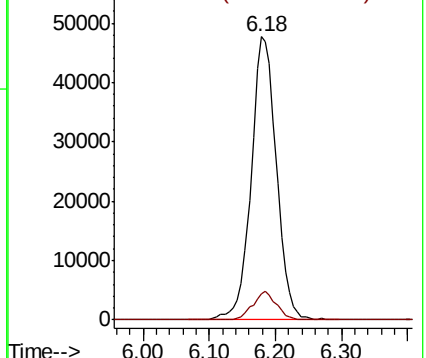
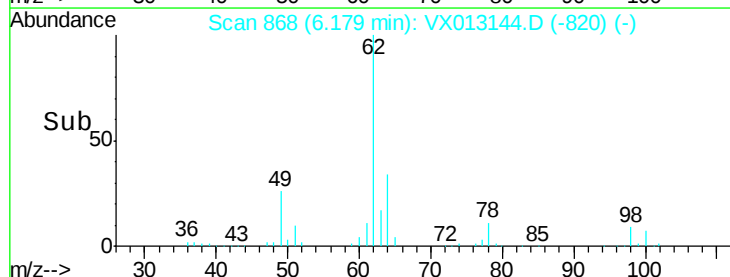
62 100

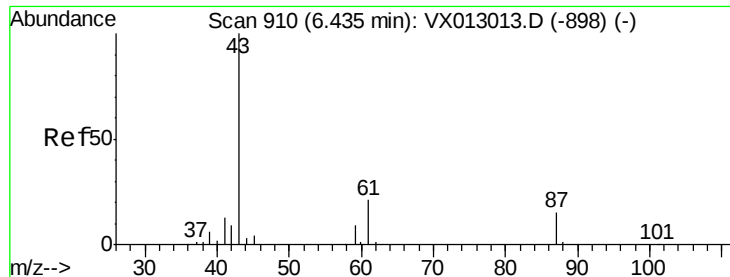
98 9.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



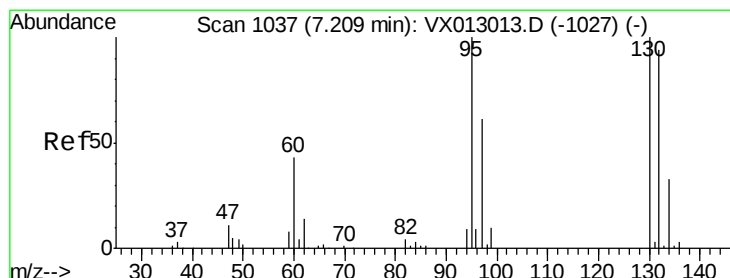
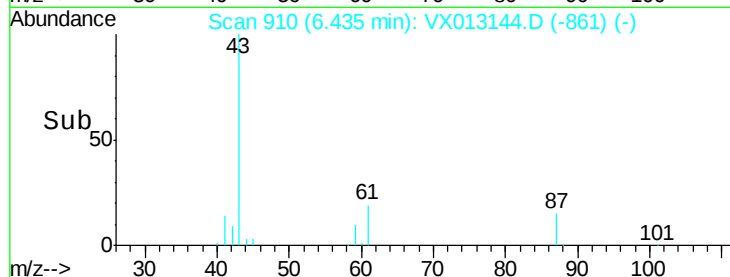
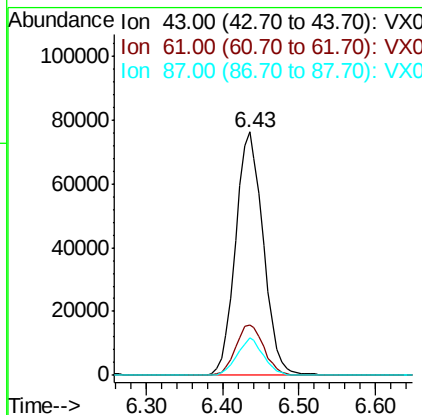
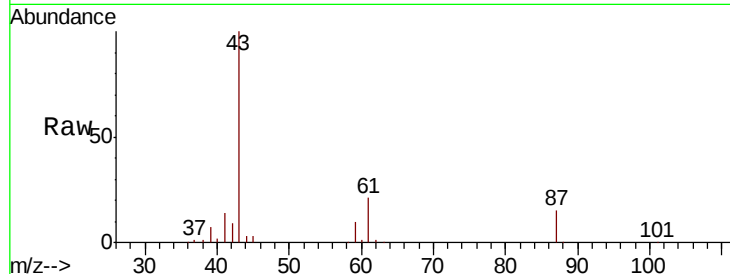


#43

Isopropyl Acetate
 Concen: 52.459 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

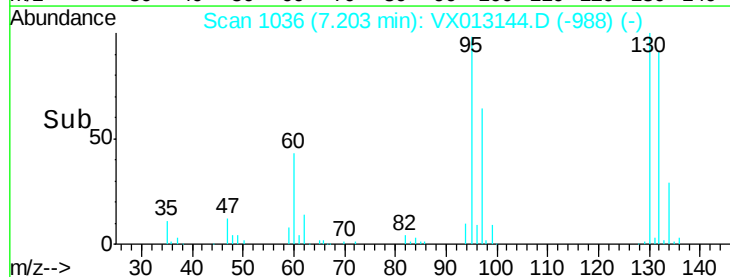
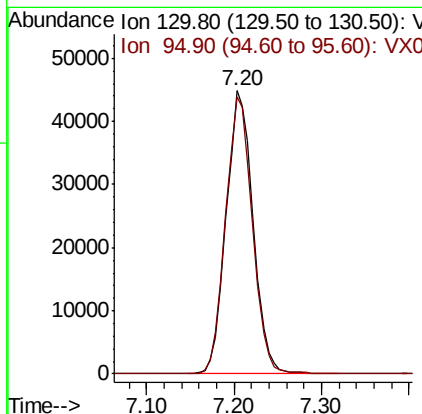
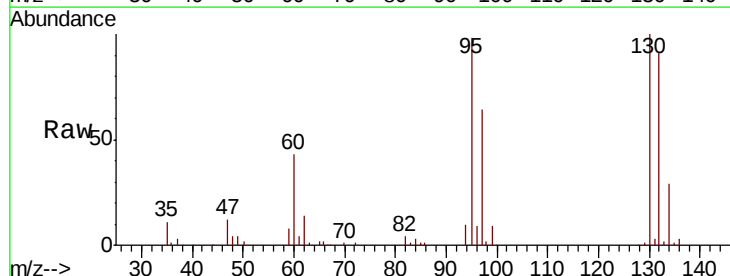
Tot Ion: 43 Resp: 190327
 Ion Ratio Lower Upper
 43 100
 61 21.2 16.6 24.8
 87 14.6 11.0 16.6

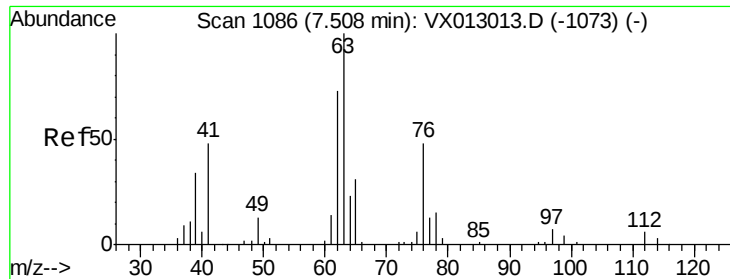


#44

Trichloroethene
 Concen: 57.932 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 130 Resp: 95916
 Ion Ratio Lower Upper
 130 100
 95 97.7 0.0 189.2

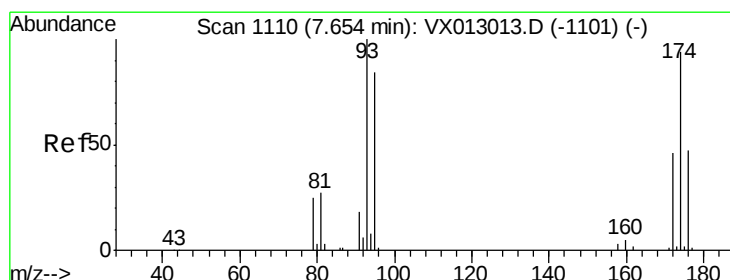
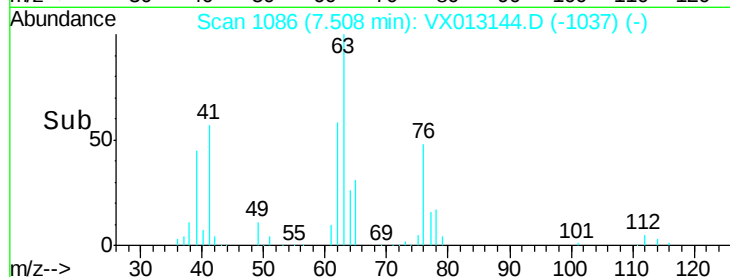
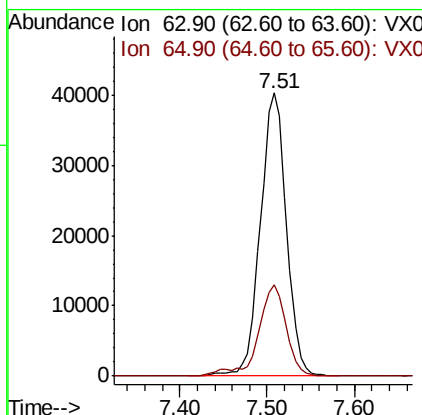
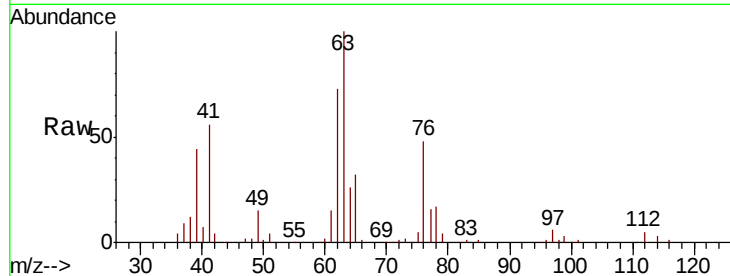




#45
 1,2-Dichloropropane
 Concen: 54.790 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

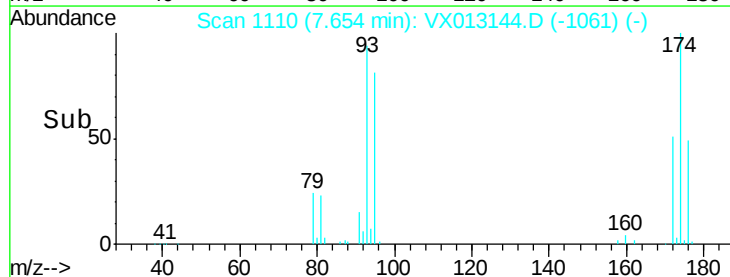
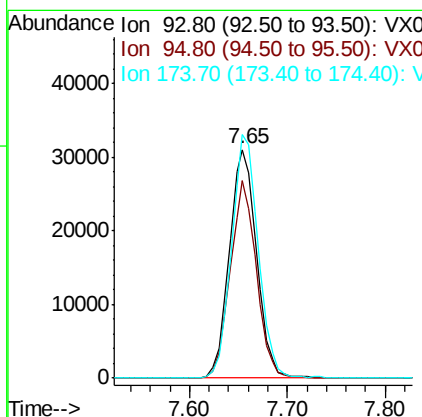
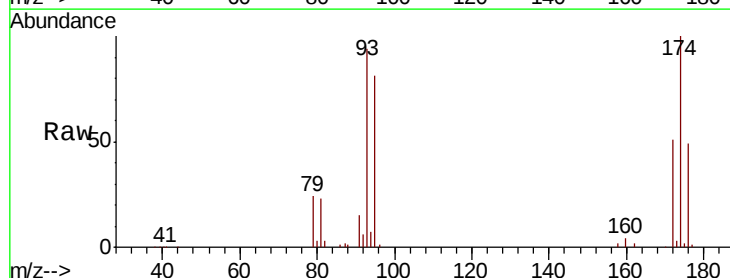
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

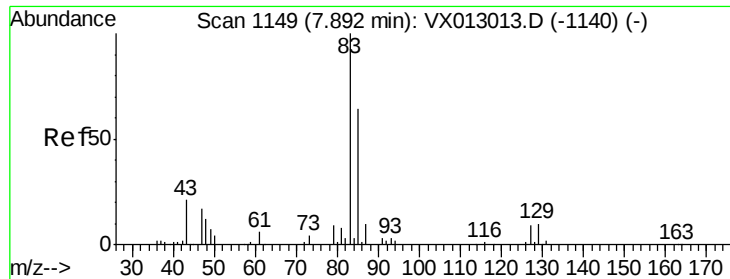
Tot Ion: 63 Resp: 83375
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 37.0



#46
 Dibromomethane
 Concen: 59.146 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 93 Resp: 59966
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.3 99.5
 174 104.1 77.8 116.6





#47

Bromodichloromethane

Concen: 60.857 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

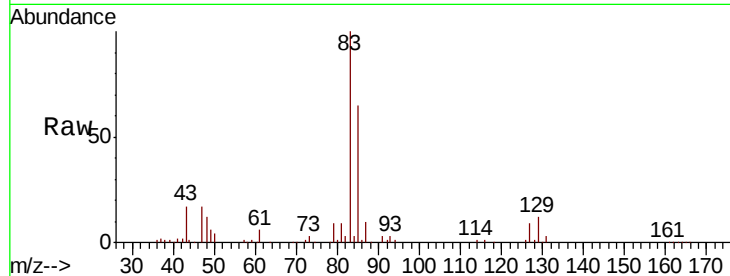
Tot Ion: 83 Resp: 120409

Ion Ratio Lower Upper

83 100

85 65.1 52.4 78.6

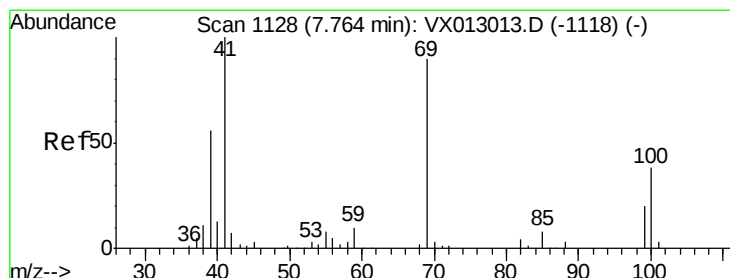
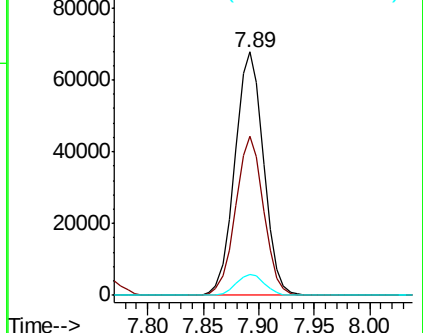
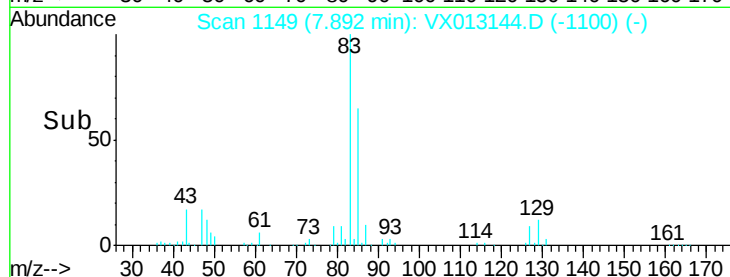
127 8.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.806 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

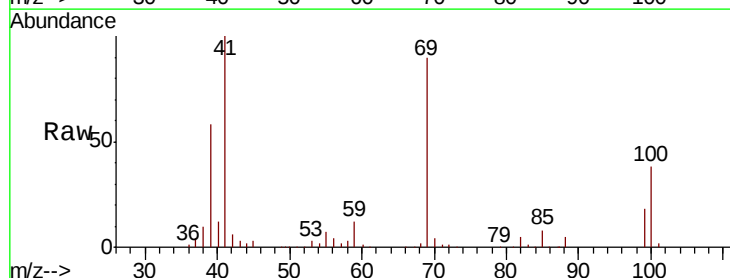
Tgt Ion: 41 Resp: 95131

Ion Ratio Lower Upper

41 100

69 88.9 68.7 103.1

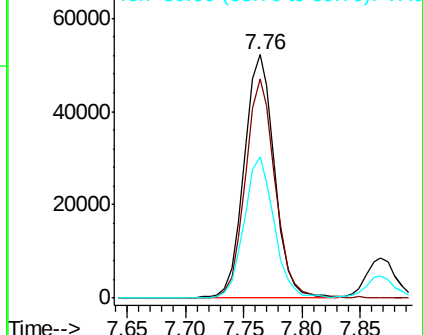
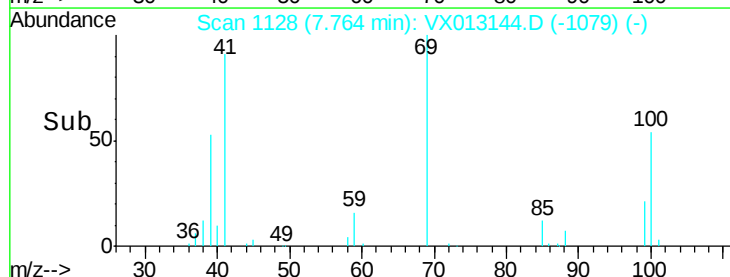
39 57.3 44.3 66.5

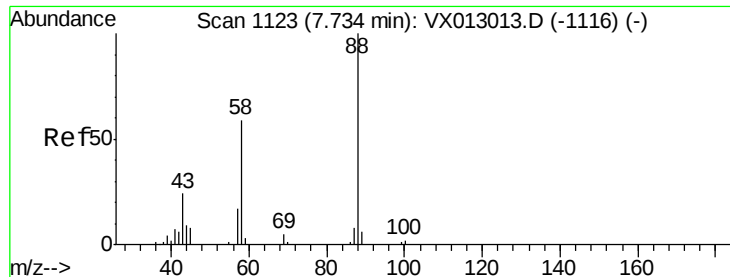


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 925.522 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

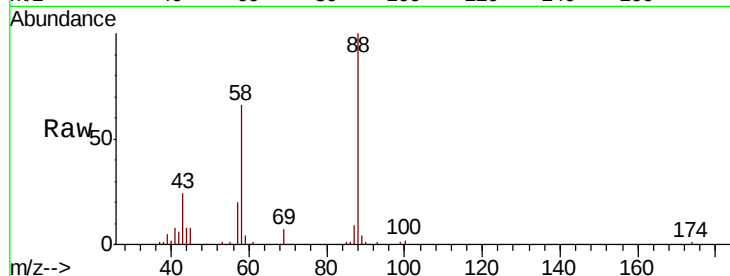
Tot Ion: 88 Resp: 43784

Ion Ratio Lower Upper

88 100

43 30.3 25.0 37.6

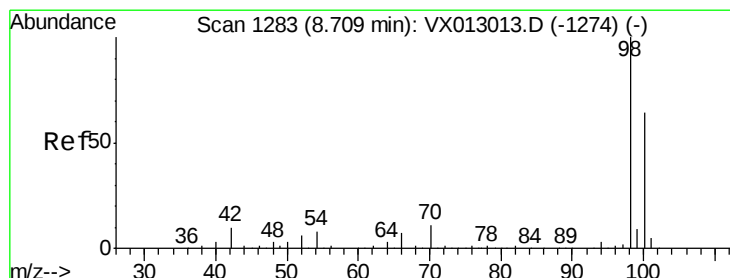
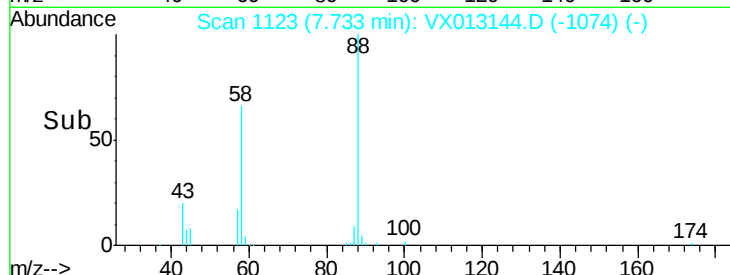
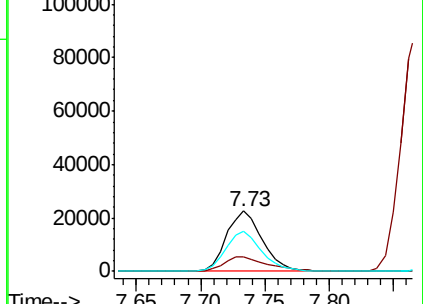
58 67.3 55.4 83.2



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: 50.025 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013144.D

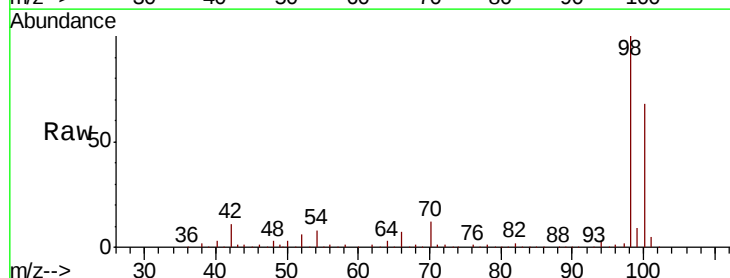
Acq: 18 Oct 2019 21:47

Tgt Ion: 98 Resp: 257482

Ion Ratio Lower Upper

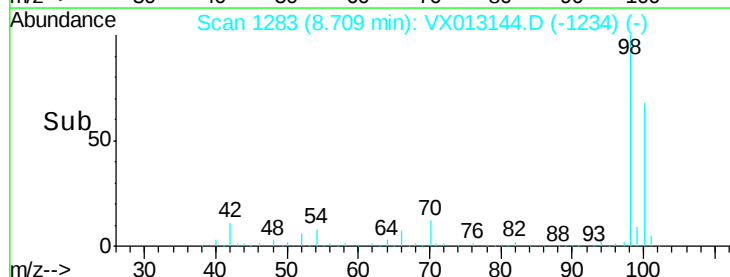
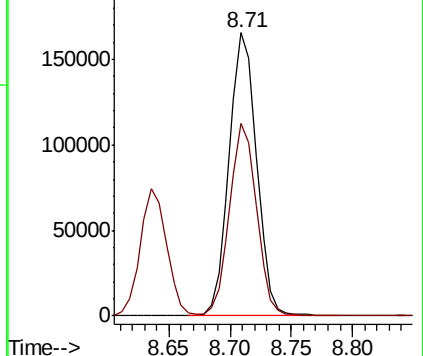
98 100

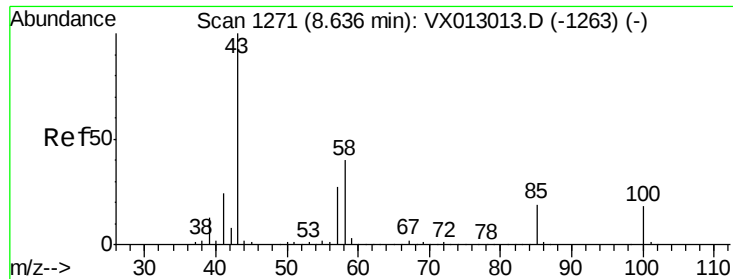
100 67.3 53.4 80.2



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: 264.465 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

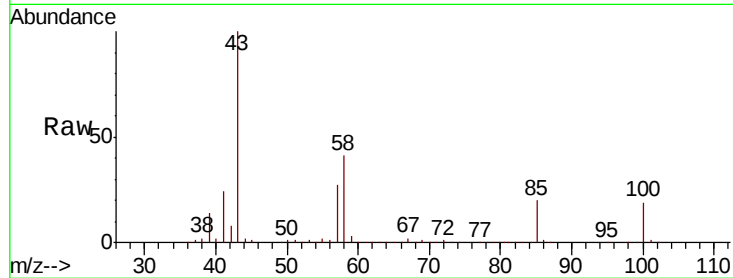
MW-309-SRI4MS

Tot Ion: 43 Resp: 598237

Ion Ratio Lower Upper

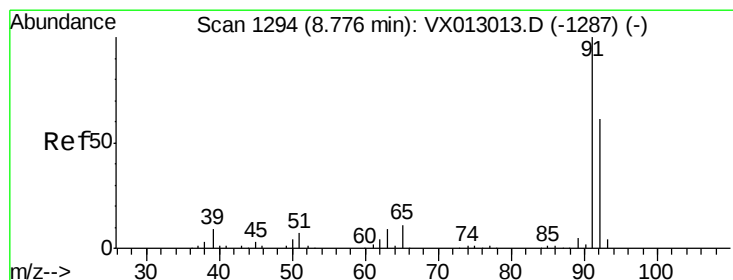
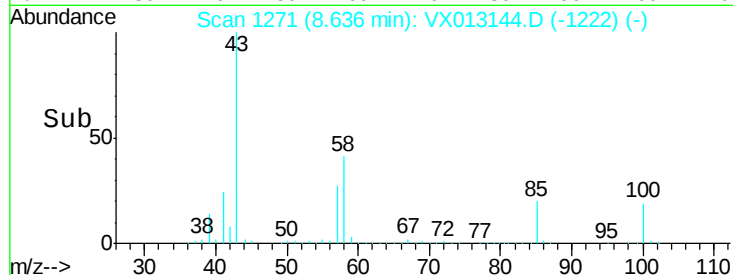
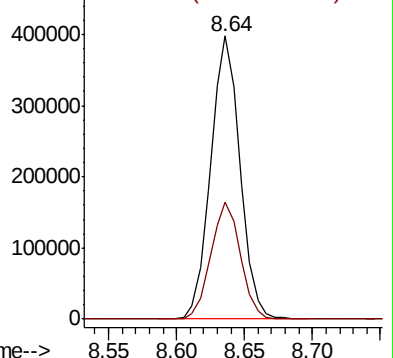
43 100

58 41.6 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 57.793 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX013144.D

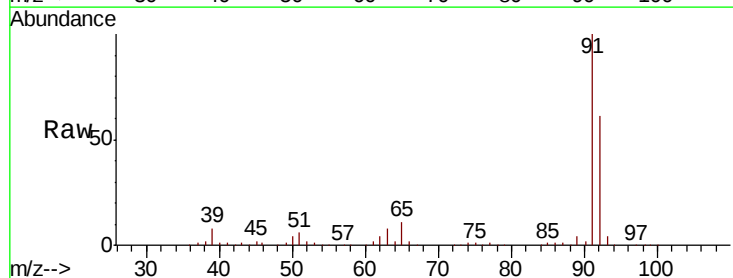
Acq: 18 Oct 2019 21:47

Tgt Ion: 92 Resp: 220755

Ion Ratio Lower Upper

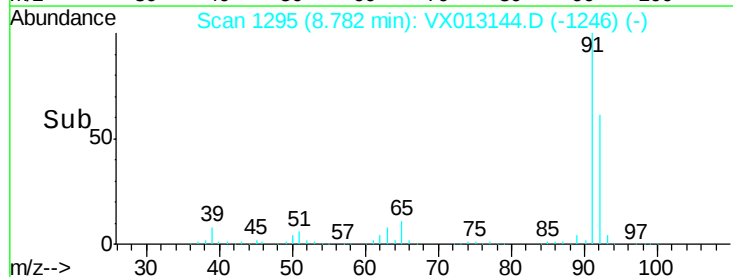
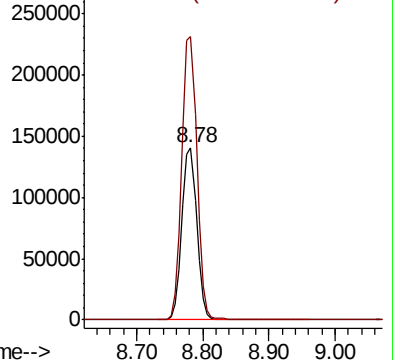
92 100

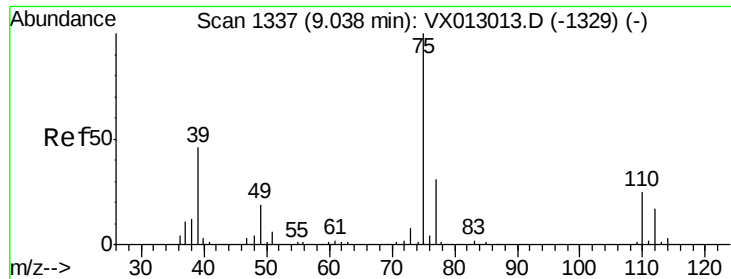
91 166.5 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

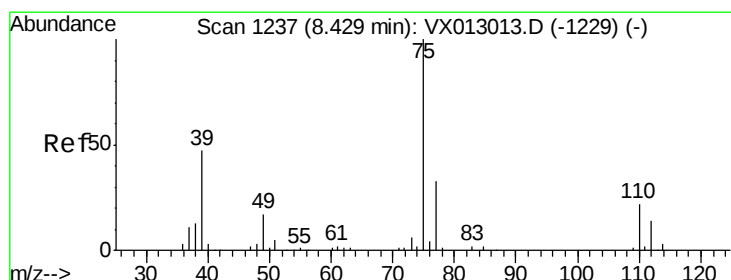
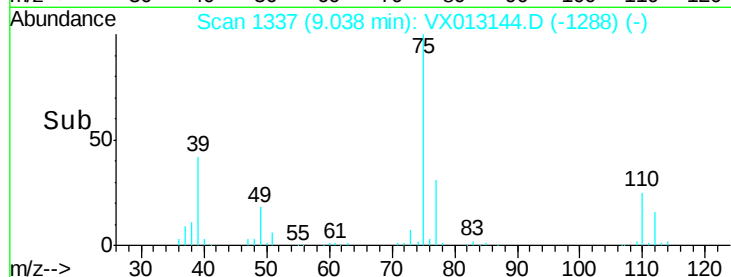
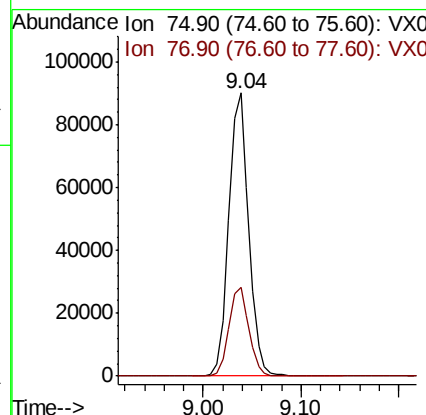
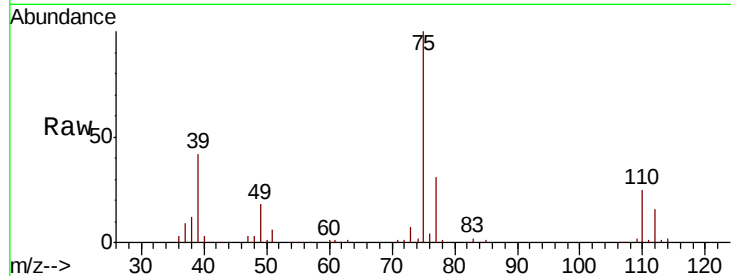




#53
t-1,3-Dichloropropene
Concen: 51.266 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

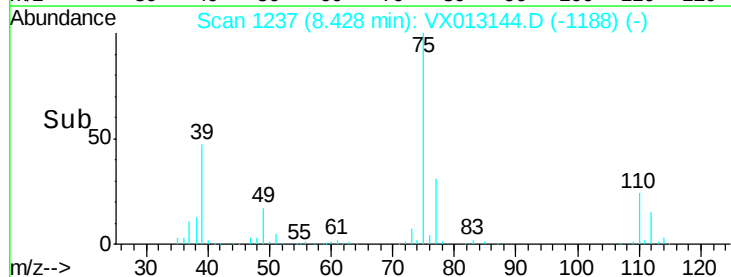
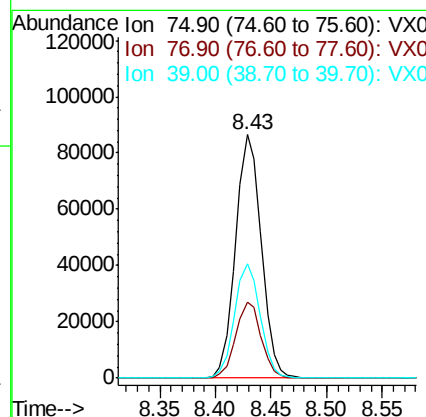
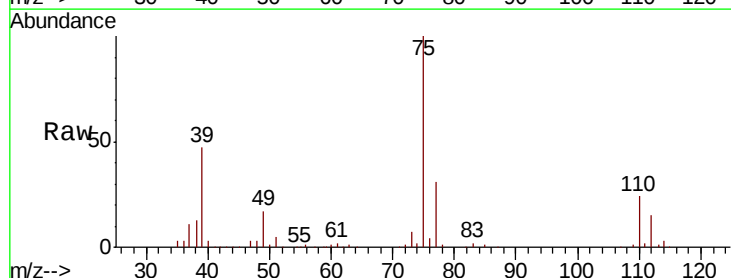
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

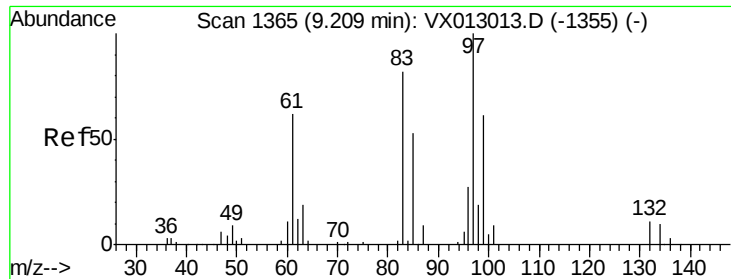
Tot Ion: 75 Resp: 126726
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6



#54
cis-1,3-Dichloropropene
Concen: 57.061 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 75 Resp: 138856
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 46.9 38.2 57.2

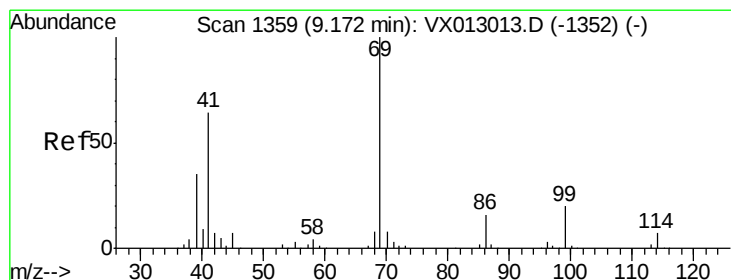
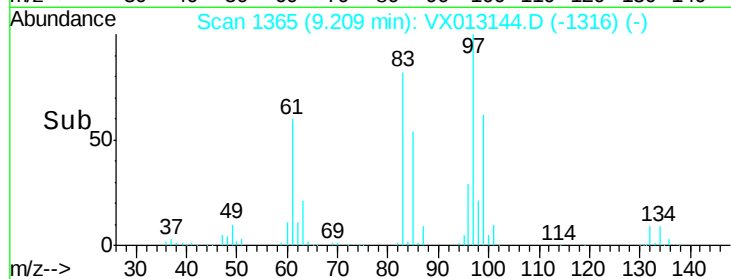
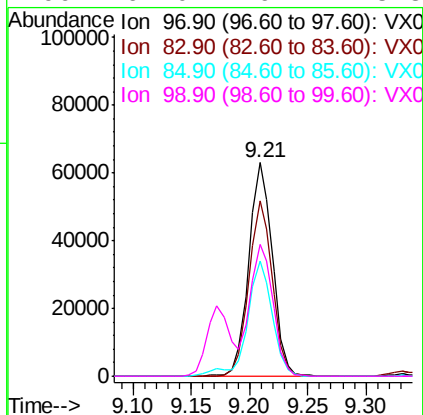
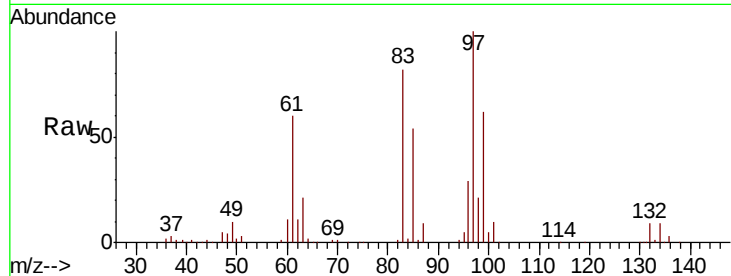




#55
 1,1,2-Trichloroethane
 Concen: 59.235 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

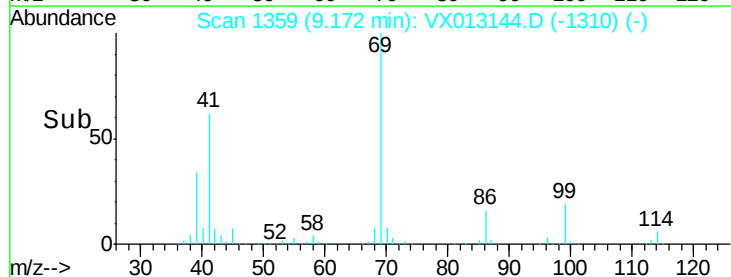
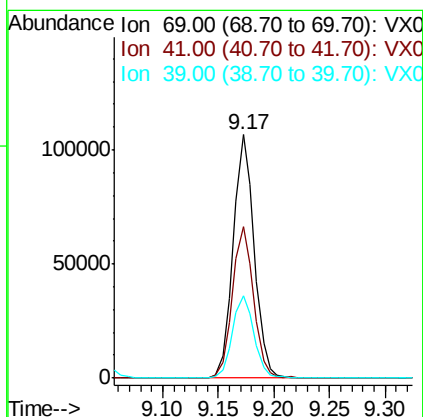
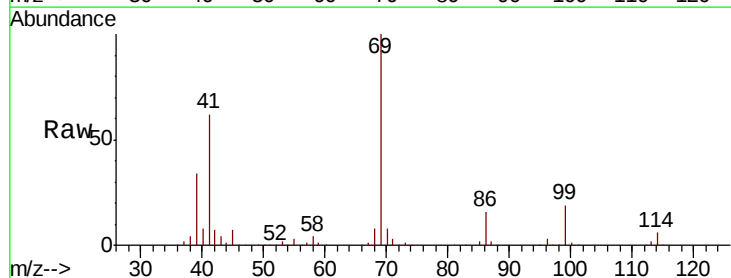
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

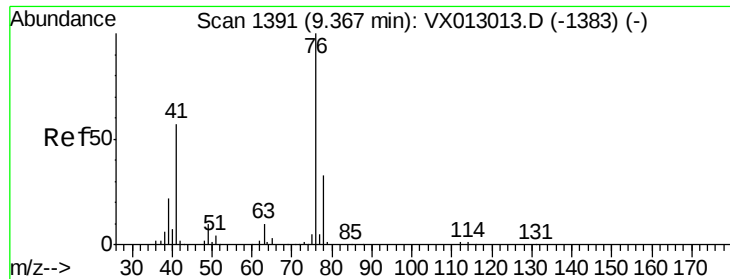
Tot Ion:	97	Resp:	89542
Ion	Ratio	Lower	Upper
97	100		
83	82.2	66.5	99.7
85	53.7	43.1	64.7
99	62.0	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 51.512 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion:	69	Resp:	139594
Ion	Ratio	Lower	Upper
69	100		
41	63.1	52.1	78.1
39	34.5	27.8	41.8





#57

1,3-Dichloropropane

Concen: 56.818 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

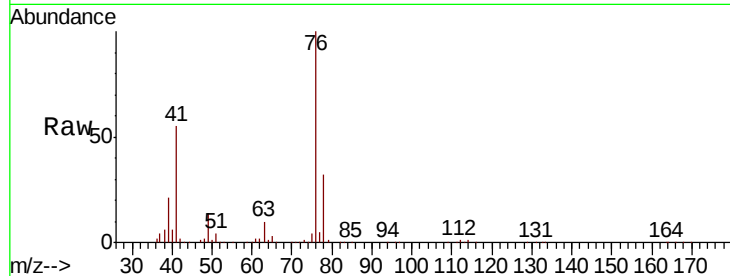
MW-309-SRI4MS

Tot Ion: 76 Resp: 148571

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

120000

100000

80000

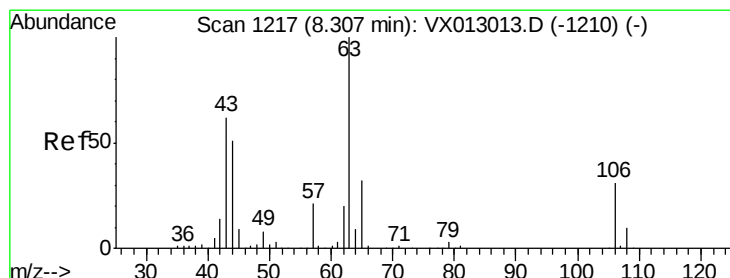
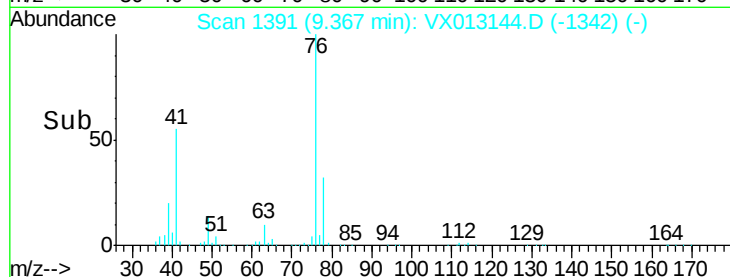
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 0.680 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.12 min

Lab File: VX013144.D

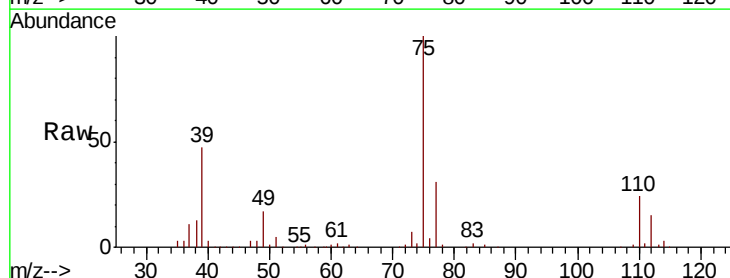
Acq: 18 Oct 2019 21:47

Tgt Ion: 63 Resp: 755

Ion Ratio Lower Upper

63 100

106 0.0 23.8 35.8#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.43

500

400

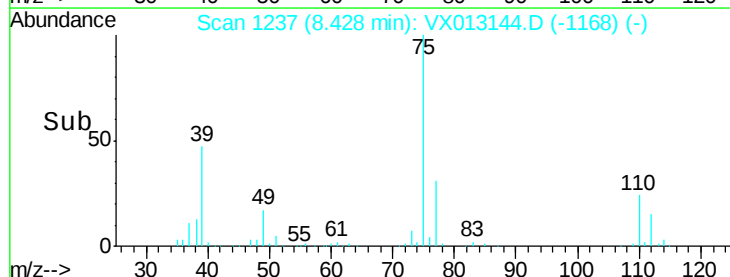
300

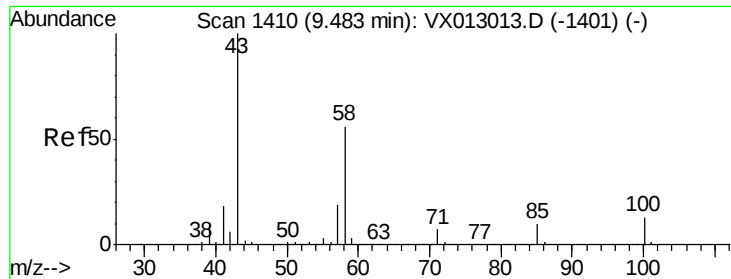
200

100

0

Time-->

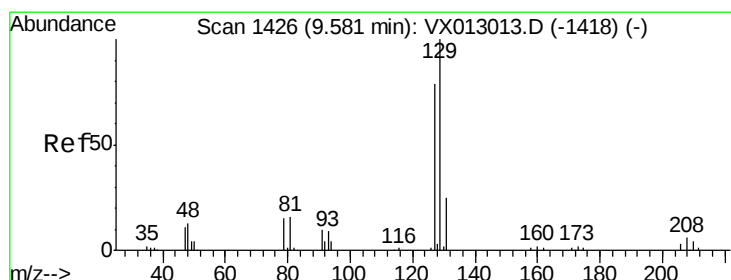
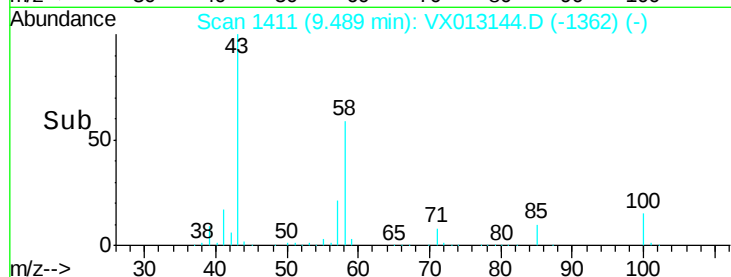
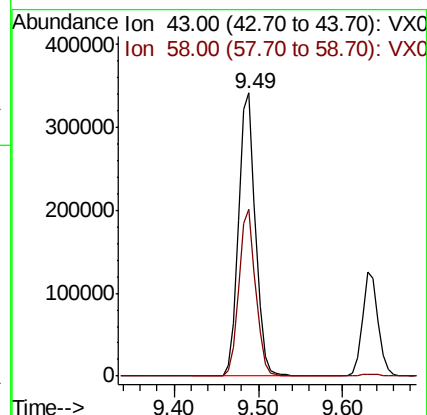
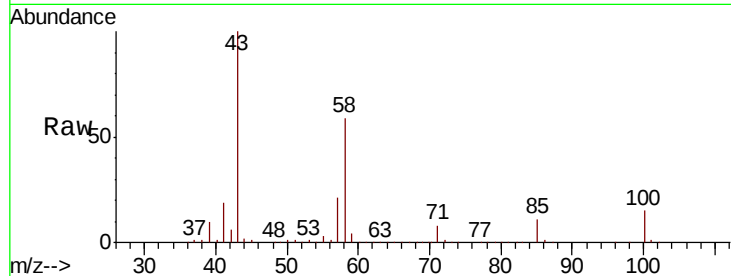




#59
2-Hexanone
Concen: 263.212 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

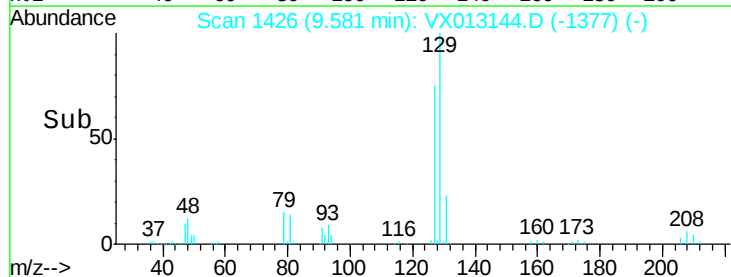
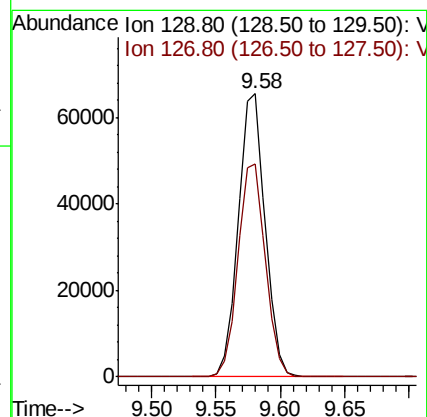
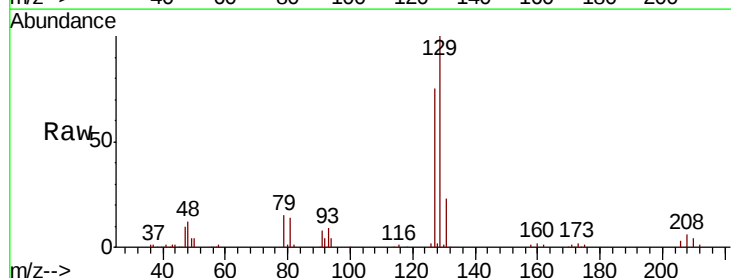
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

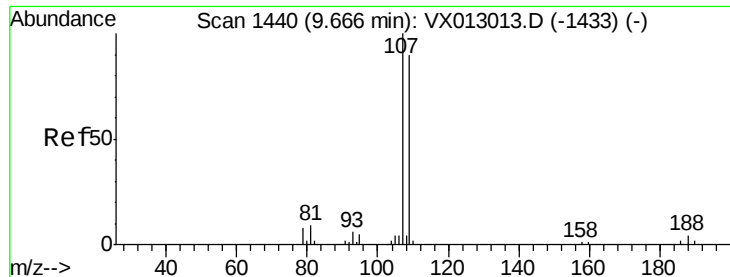
Tot Ion: 43 Resp: 463483
Ion Ratio Lower Upper
43 100
58 58.0 28.1 84.3



#60
Dibromochloromethane
Concen: 56.269 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 129 Resp: 95063
Ion Ratio Lower Upper
129 100
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 58.612 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

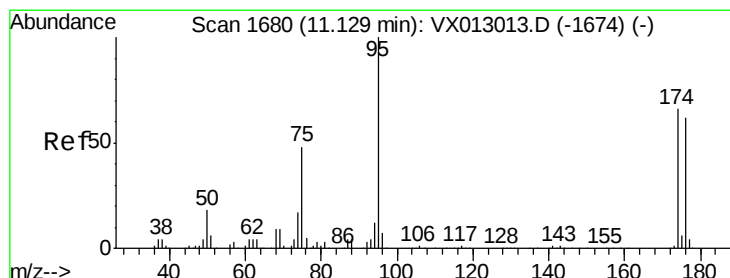
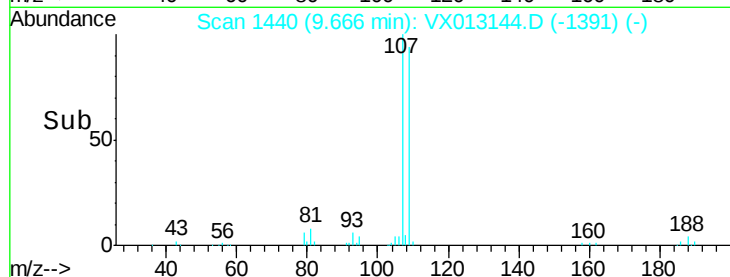
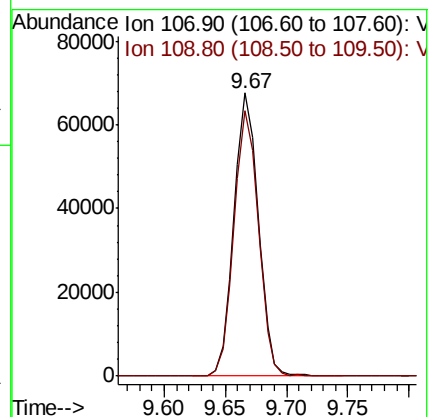
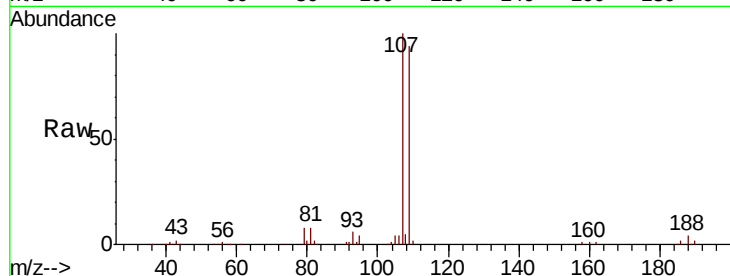
MW-309-SRI4MS

Tot Ion:107 Resp: 93204

Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 51.600 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

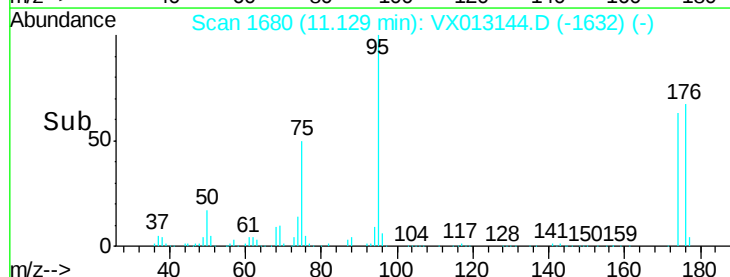
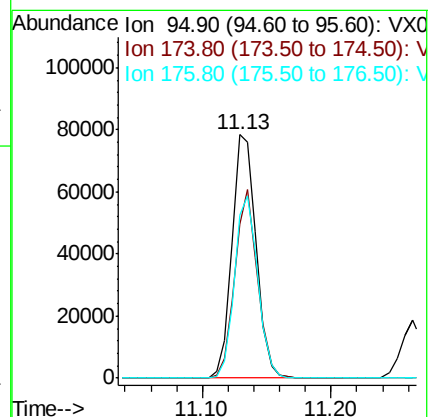
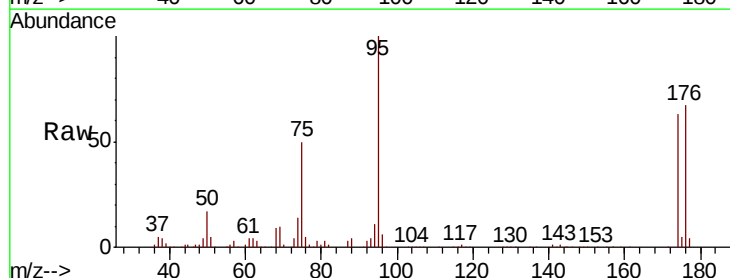
Tgt Ion: 95 Resp: 103196

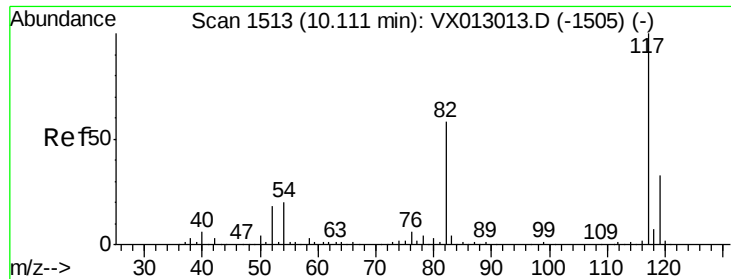
Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.4

176 72.4 0.0 136.0

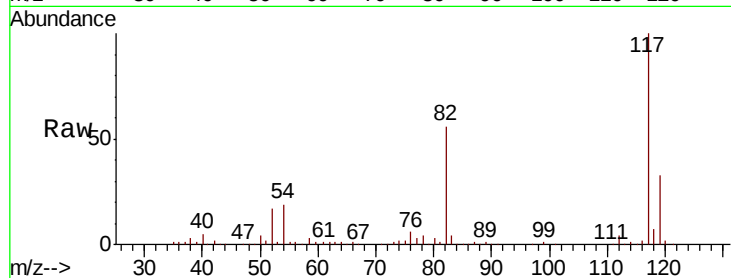




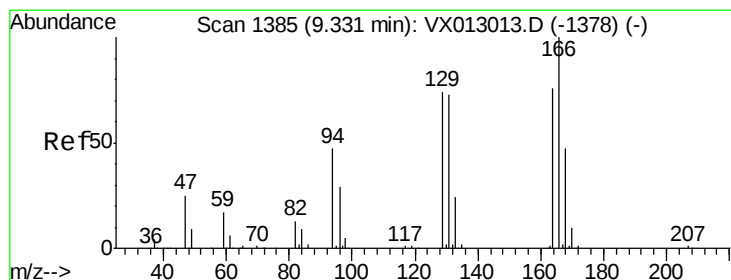
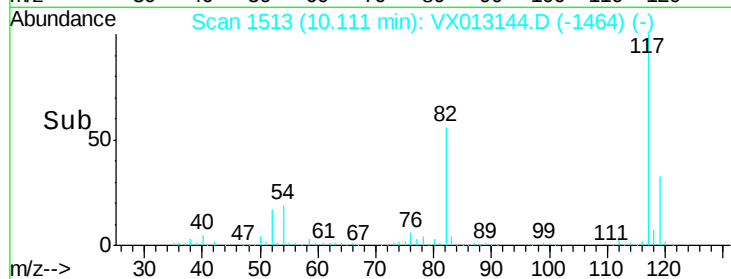
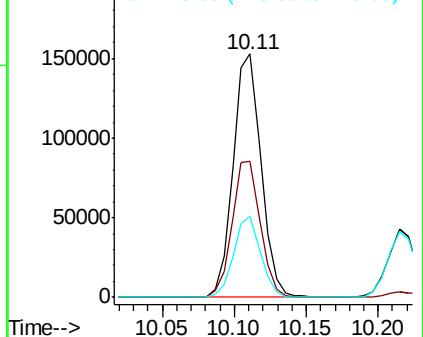
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:117 Resp: 208053
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 33.2 25.8 38.8



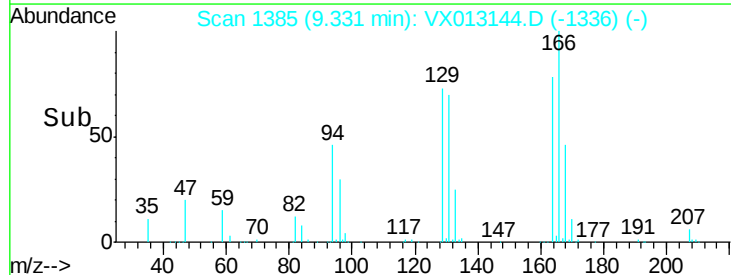
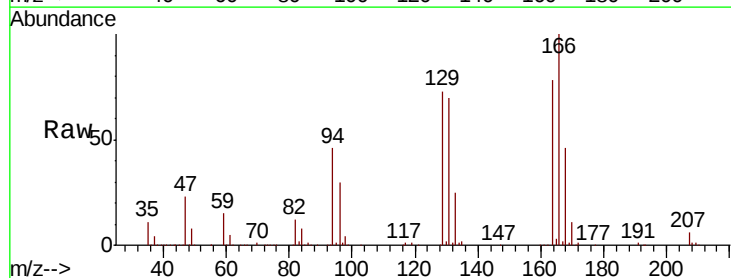
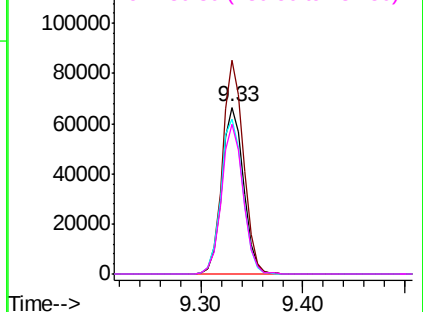
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

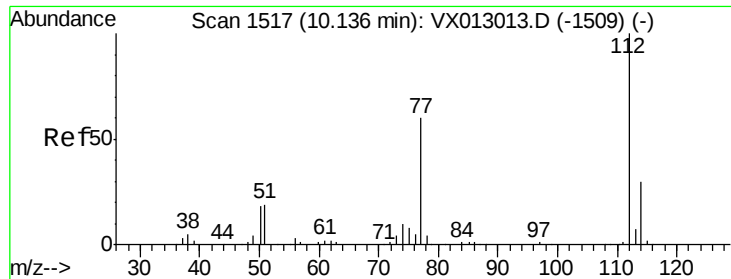


#64
Tetrachloroethene
Concen: 67.712 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:164 Resp: 97712
Ion Ratio Lower Upper
164 100
166 127.9 96.9 145.3
129 93.1 77.9 116.9
131 89.6 72.7 109.1

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

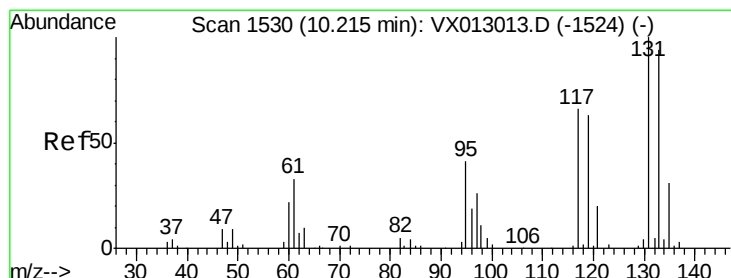
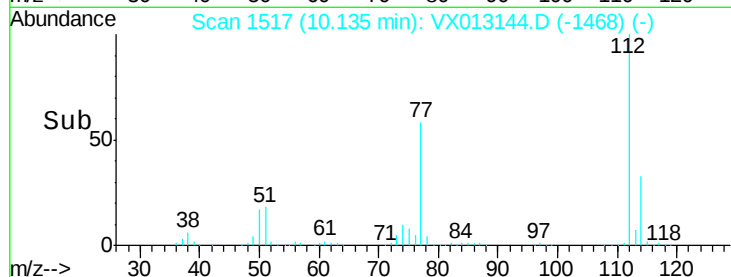
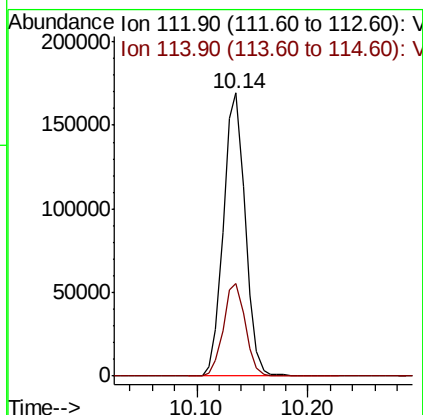
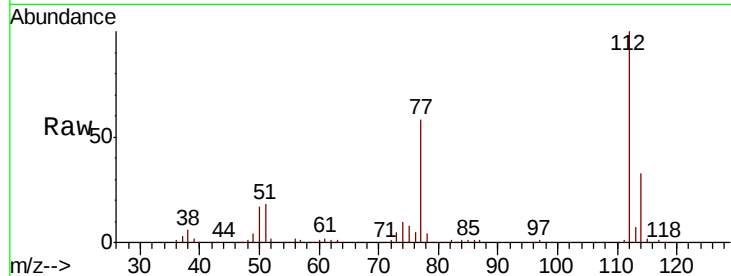




#65
Chlorobenzene
Concen: 55.712 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

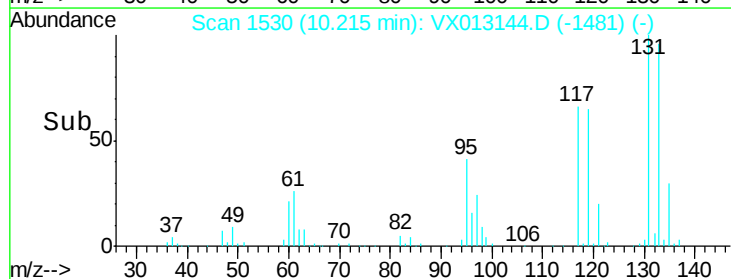
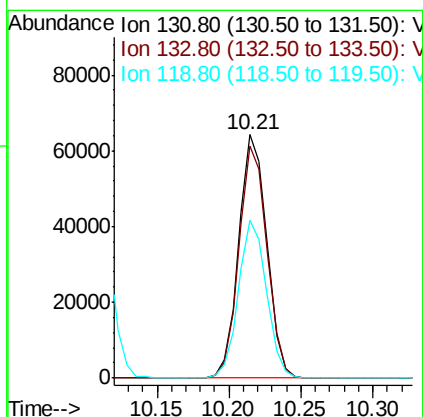
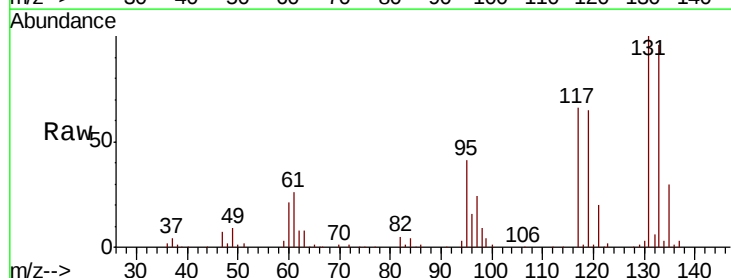
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

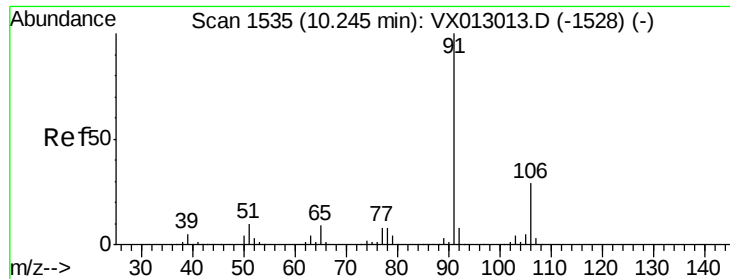
Tot Ion:112 Resp: 230180
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 60.641 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:131 Resp: 86869
Ion Ratio Lower Upper
131 100
133 95.6 47.2 141.6
119 64.7 32.6 98.0

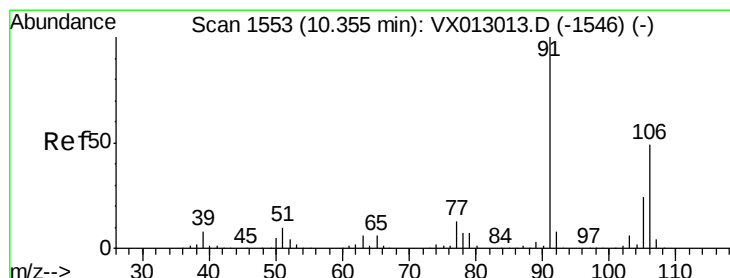
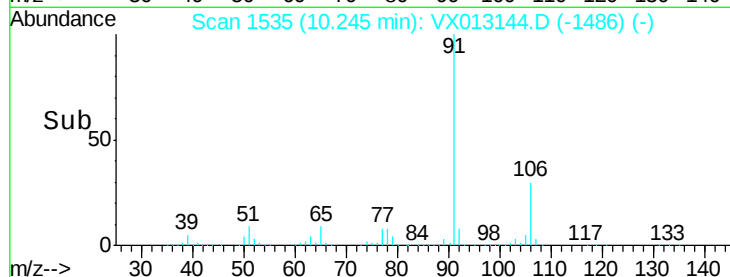
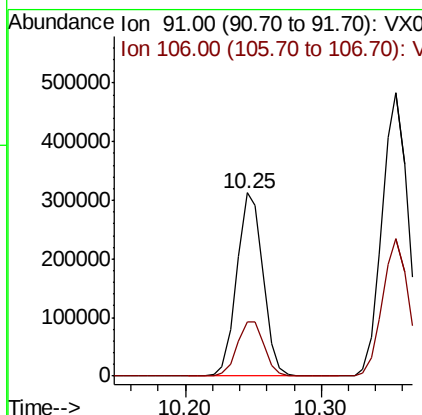
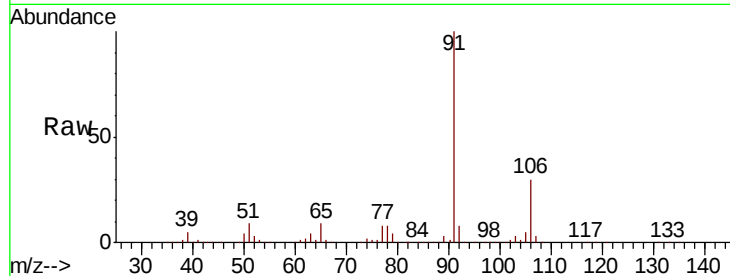




#67
Ethyl Benzene
Concen: 56.957 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

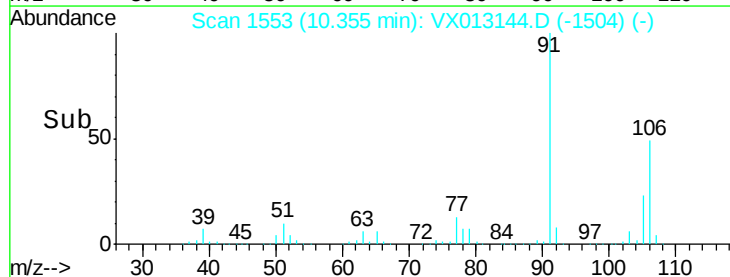
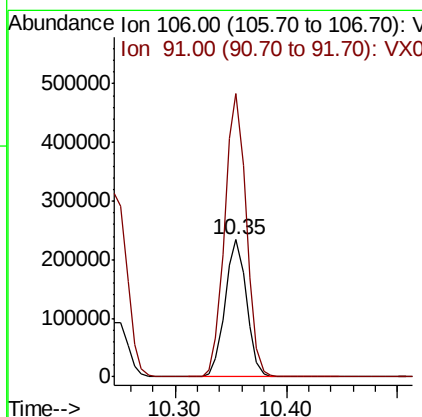
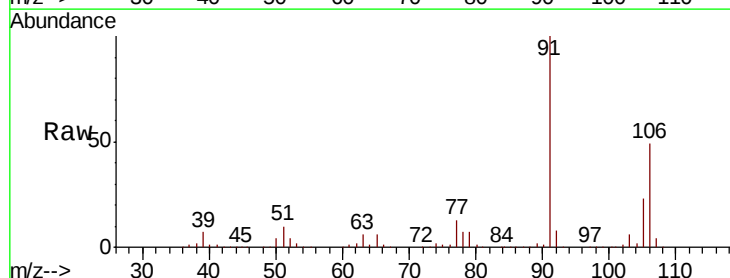
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

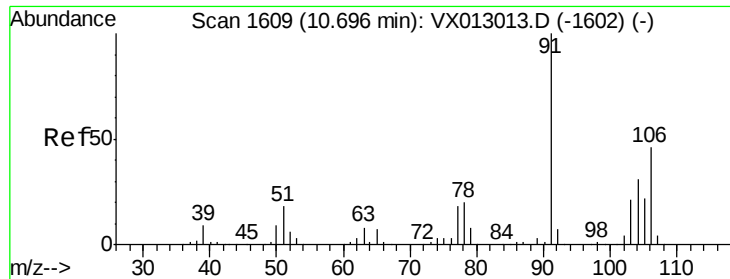
Tot Ion: 91 Resp: 418000
Ion Ratio Lower Upper
91 100
106 29.8 23.9 35.9



#68
m/p-Xylenes
Concen: 114.555 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 106 Resp: 314075
Ion Ratio Lower Upper
106 100
91 206.4 165.3 247.9

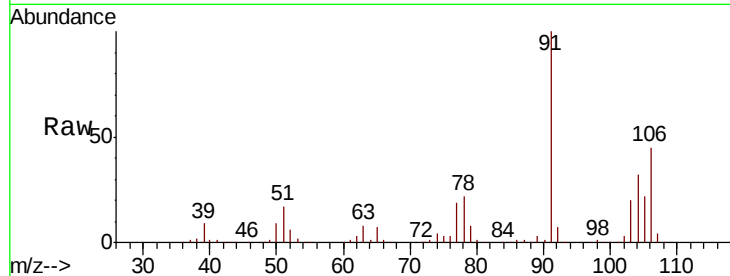




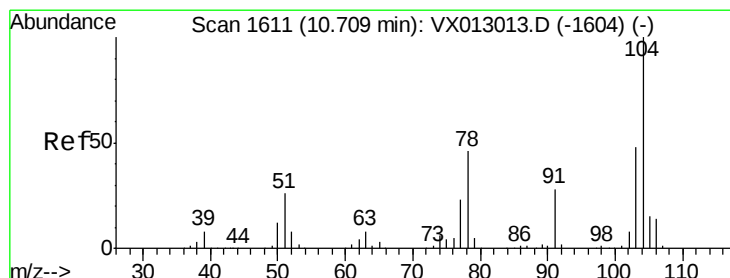
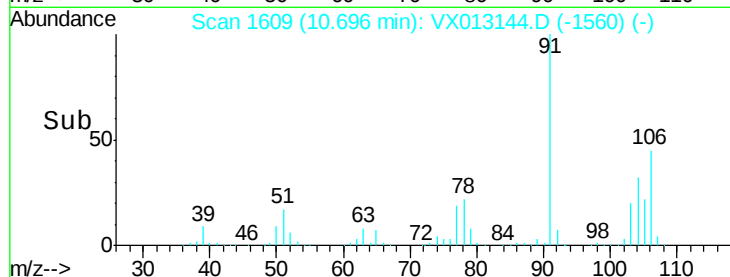
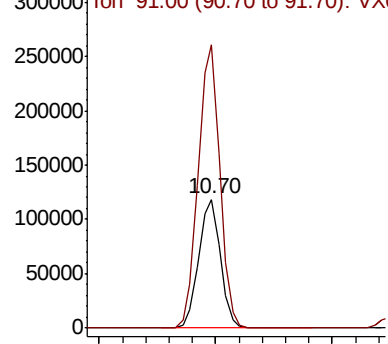
#69
o-Xylene
Concen: 57.067 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

Tot Ion:106 Resp: 152576
Ion Ratio Lower Upper
106 100
91 219.4 109.1 327.3

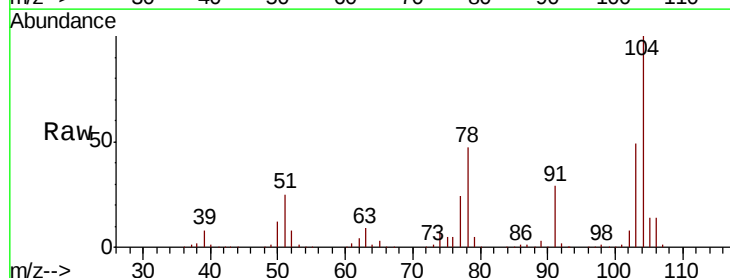


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

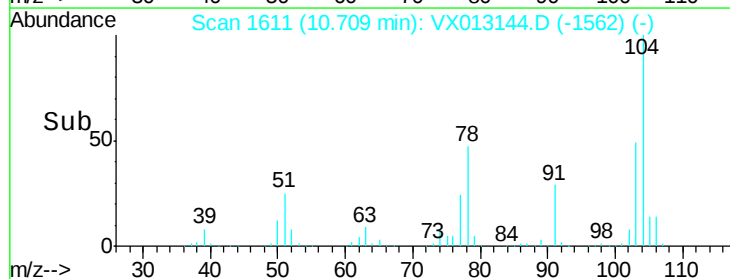
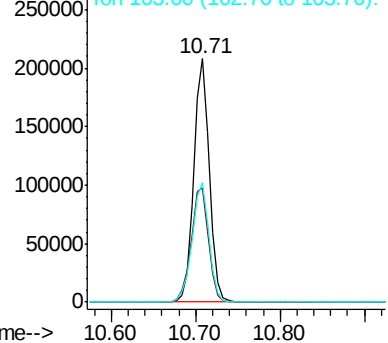


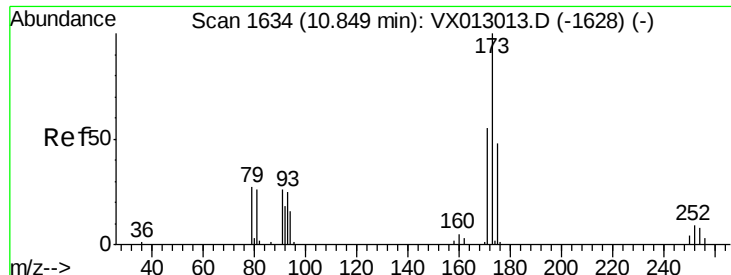
#70
Styrene
Concen: 58.523 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion:104 Resp: 265999
Ion Ratio Lower Upper
104 100
78 52.9 41.2 61.8
103 53.3 43.0 64.4



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: 53.239 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

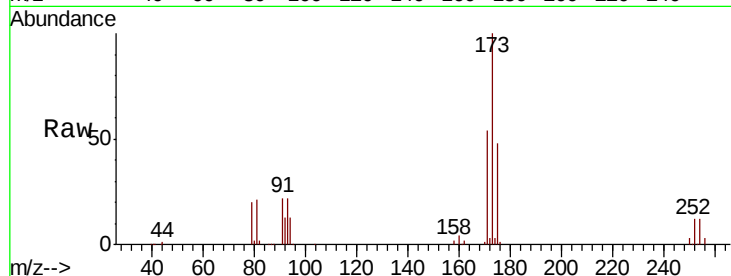
Tot Ion:173 Resp: 65235

Ion Ratio Lower Upper

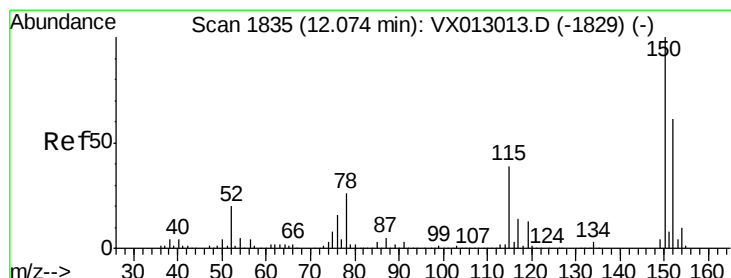
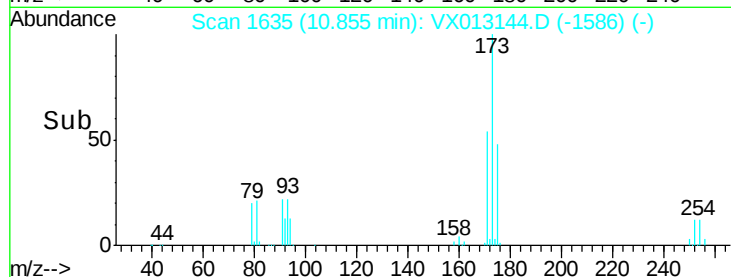
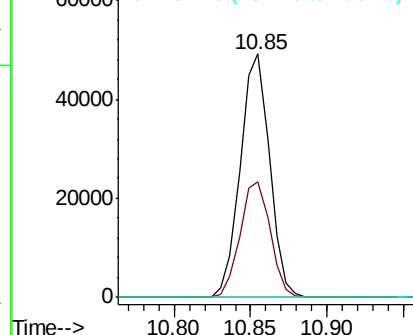
173 100

175 49.1 24.1 72.3

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

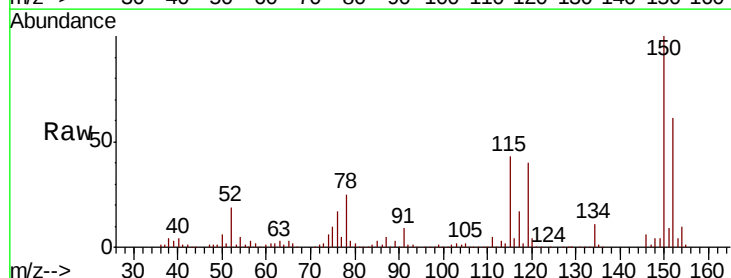
Tgt Ion:152 Resp: 101975

Ion Ratio Lower Upper

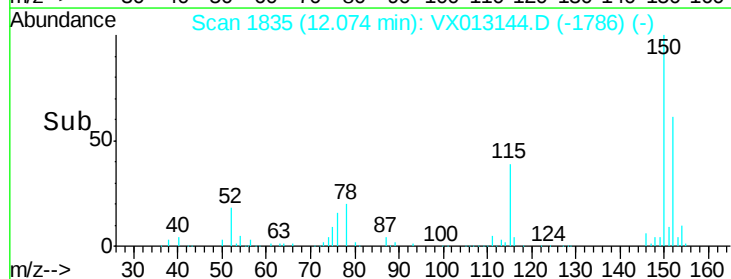
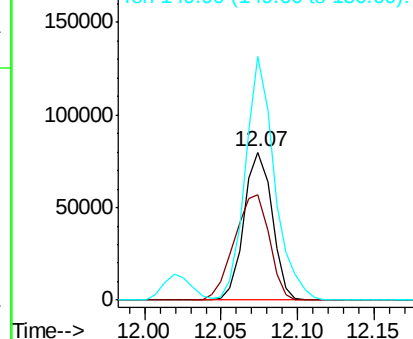
152 100

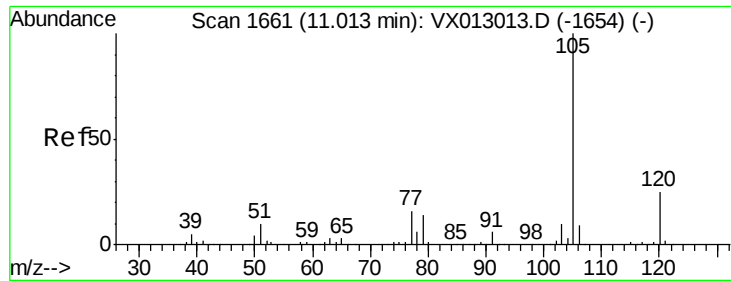
115 88.6 44.5 133.5

150 170.8 0.0 353.4



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: 53.754 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

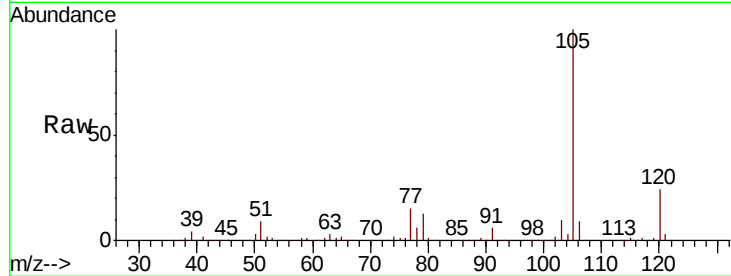
MW-309-SRI4MS

Tot Ion:105 Resp: 403014

Ion Ratio Lower Upper

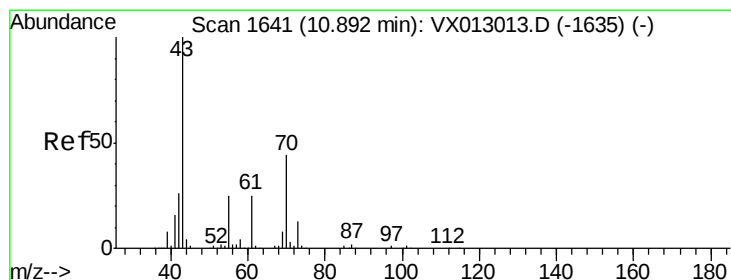
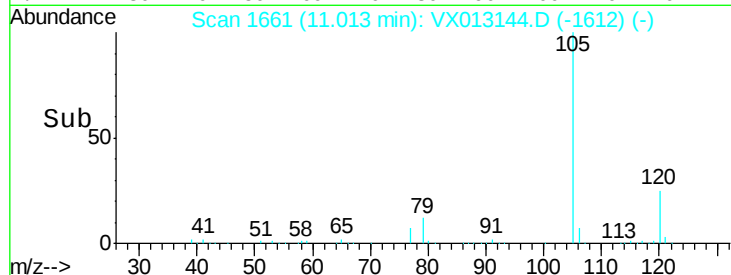
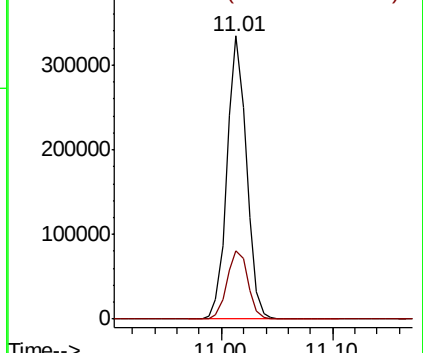
105 100

120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.190 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Tgt Ion: 43 Resp: 162062

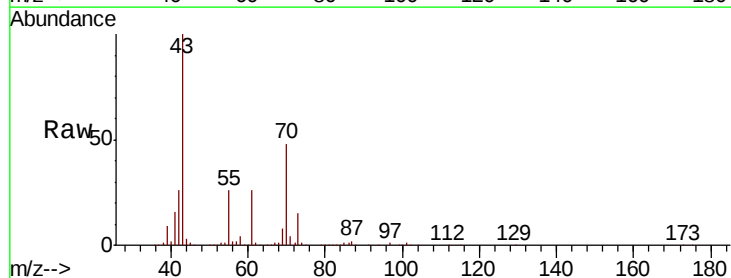
Ion Ratio Lower Upper

43 100

70 47.8 36.4 54.6

55 25.9 20.2 30.2

61 26.3 20.5 30.7

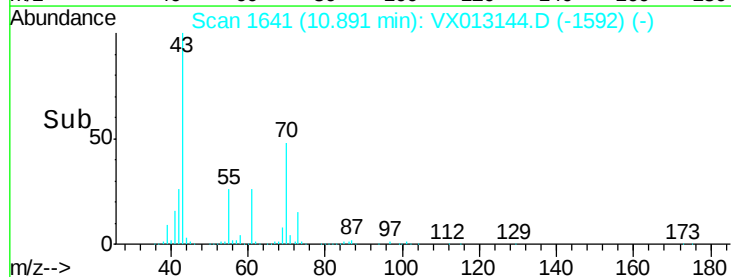
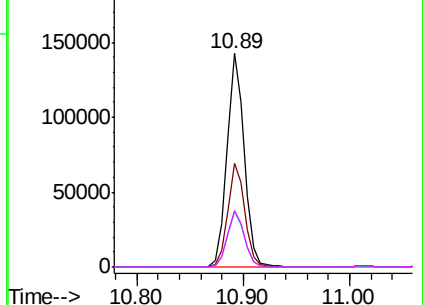


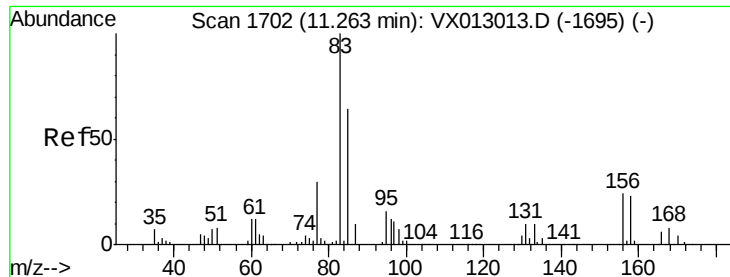
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.970 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

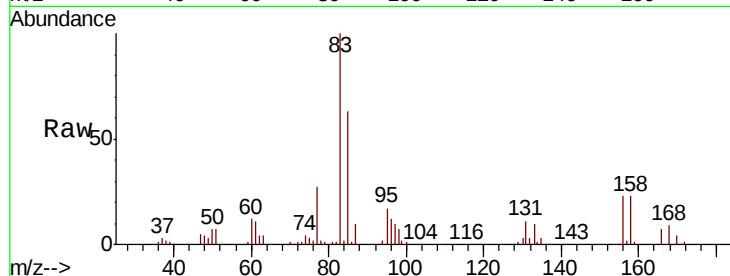
Tot Ion: 83 Resp: 137075

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

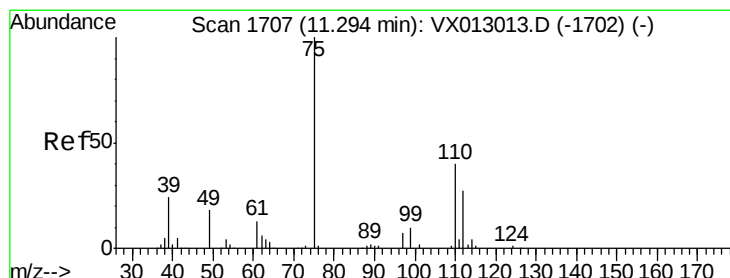
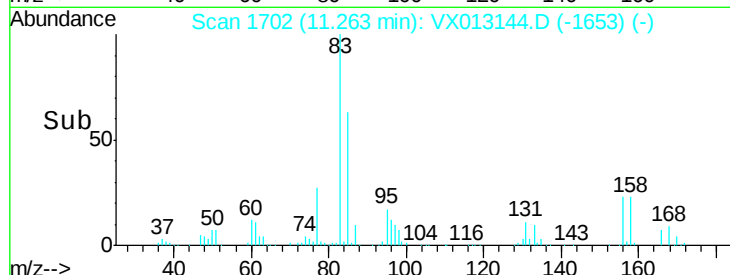
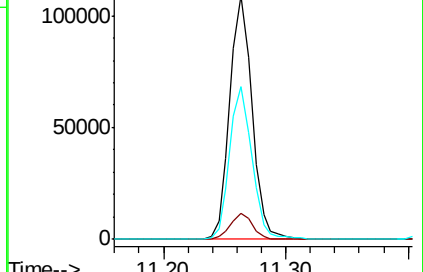
85 62.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.608 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013144.D

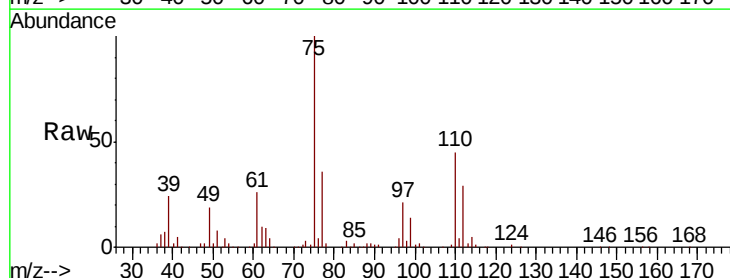
Acq: 18 Oct 2019 21:47

Tgt Ion: 75 Resp: 150654

Ion Ratio Lower Upper

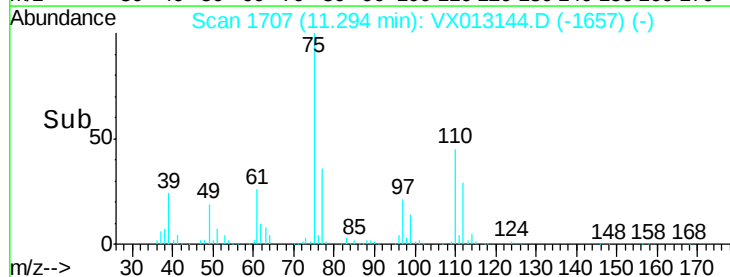
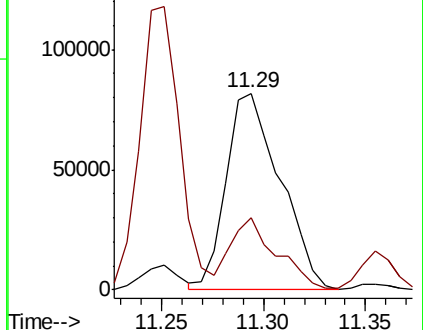
75 100

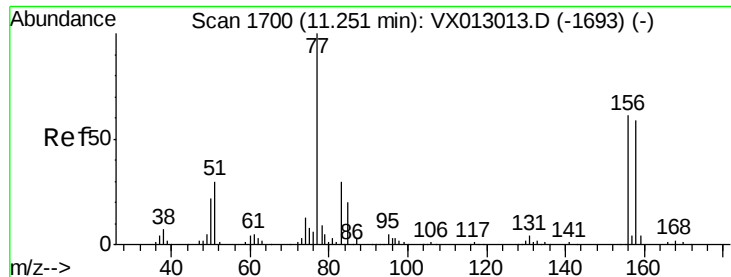
77 30.9 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.810 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

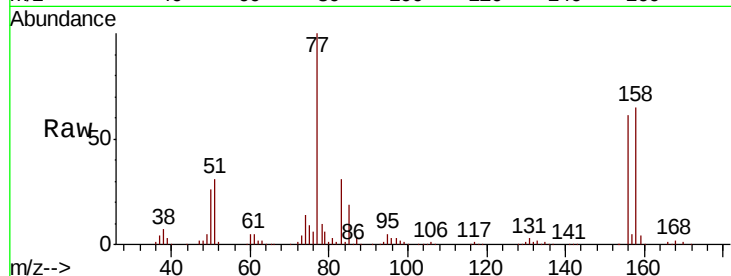
Tot Ion:156 Resp: 93302

Ion Ratio Lower Upper

156 100

77 171.3 83.7 251.0

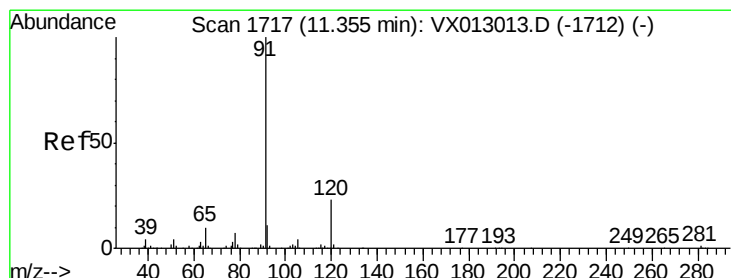
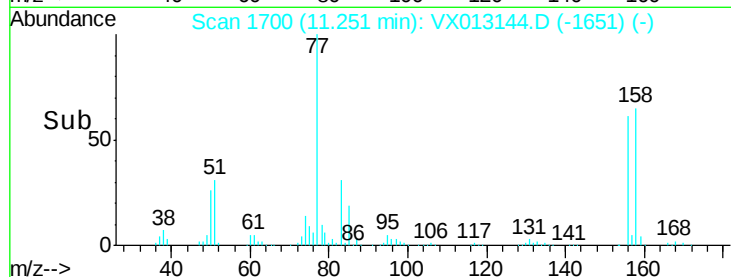
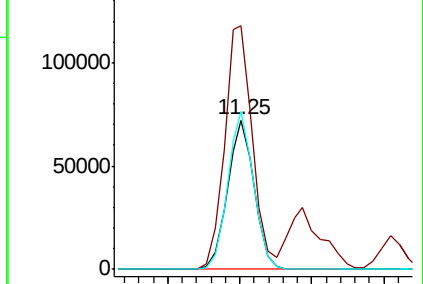
158 103.3 48.6 145.9



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: 53.405 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013144.D

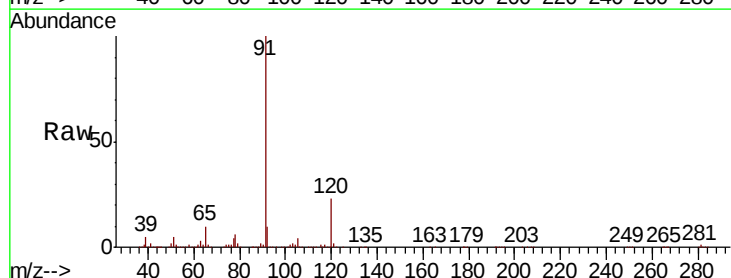
Acq: 18 Oct 2019 21:47

Tgt Ion: 91 Resp: 440583

Ion Ratio Lower Upper

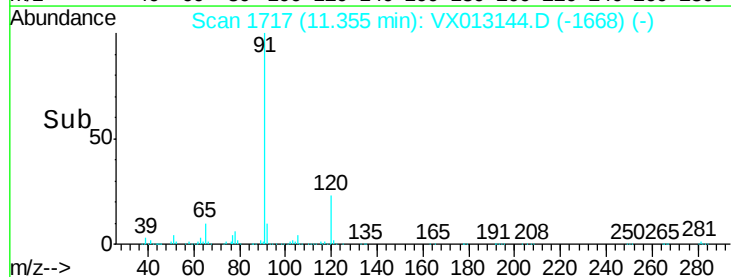
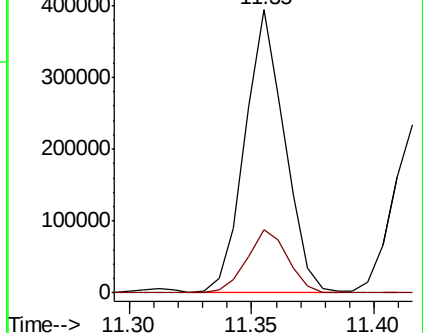
91 100

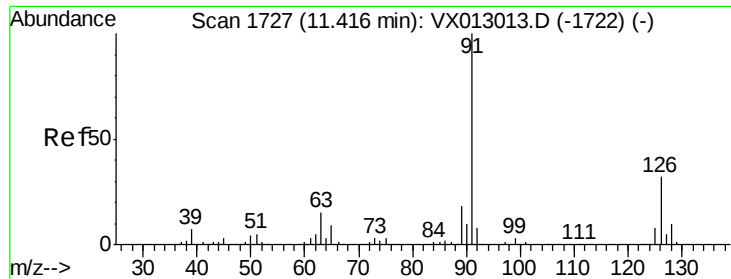
120 23.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

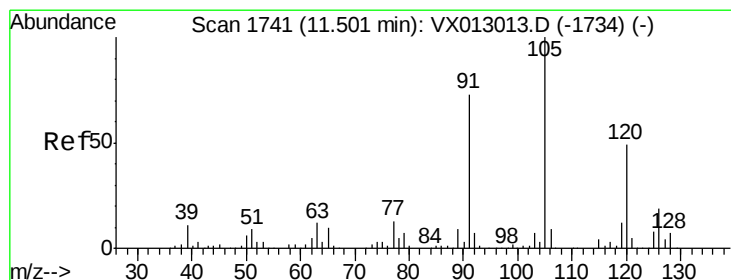
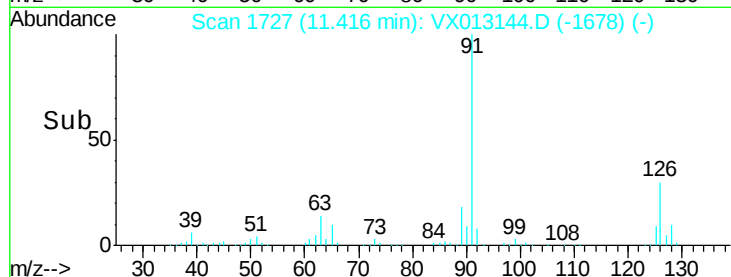
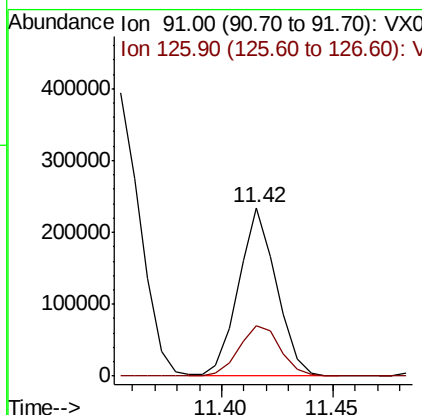
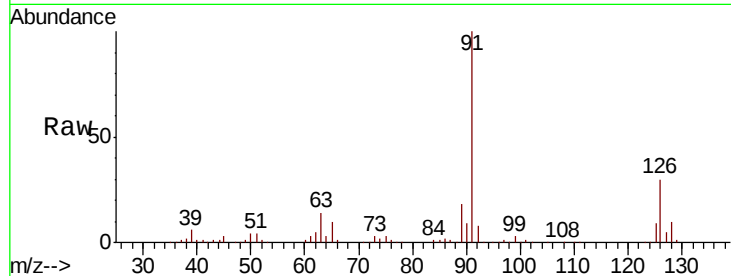




#79
 2-Chlorotoluene
 Concen: 53.486 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

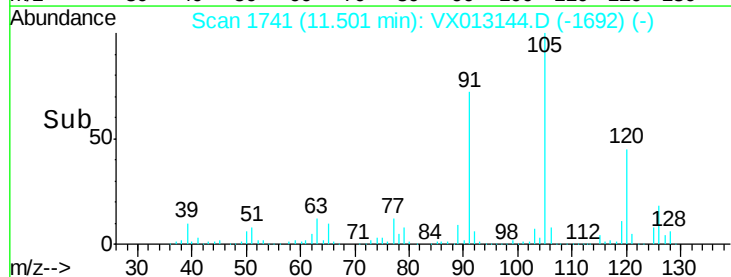
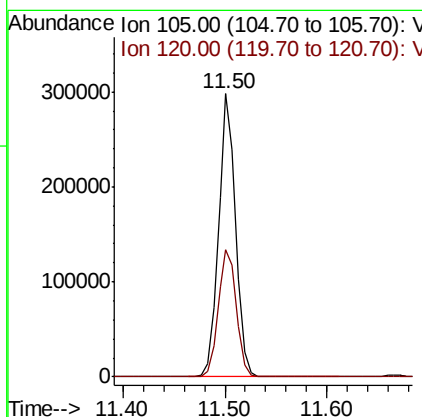
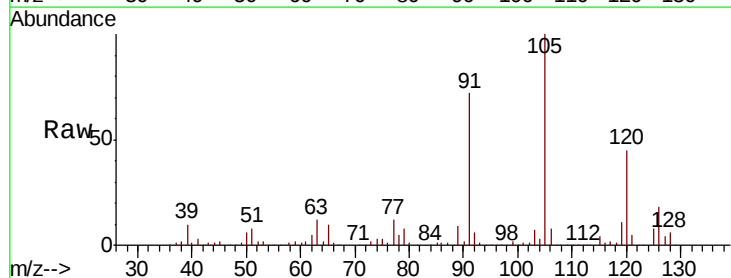
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

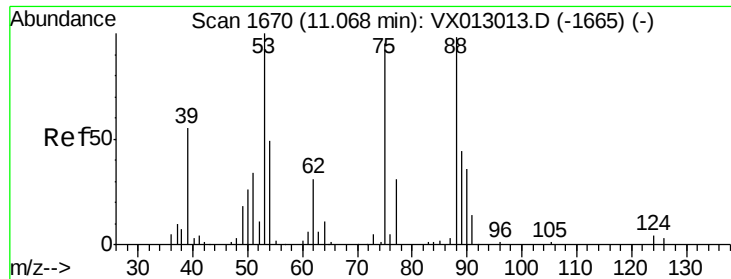
Tot Ion: 91 Resp: 277314
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 55.627 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion: 105 Resp: 348244
 Ion Ratio Lower Upper
 105 100
 120 47.6 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.348 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

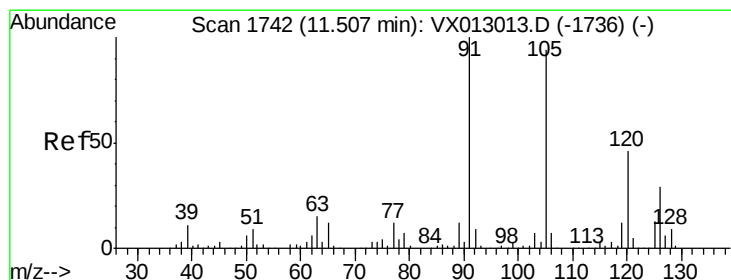
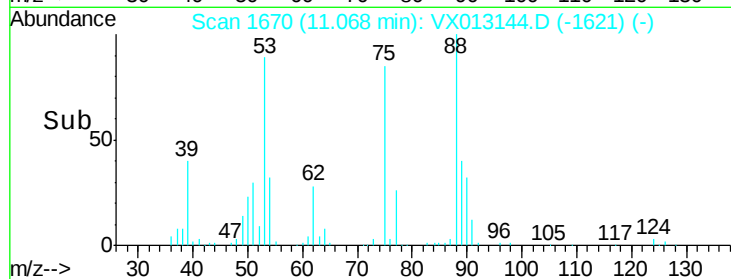
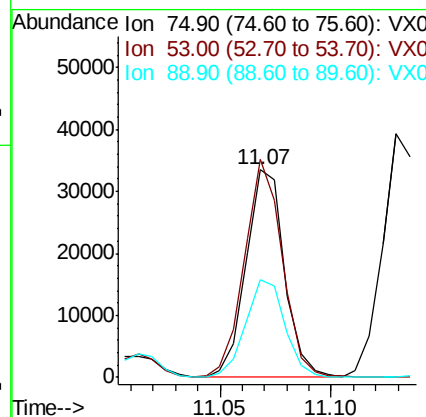
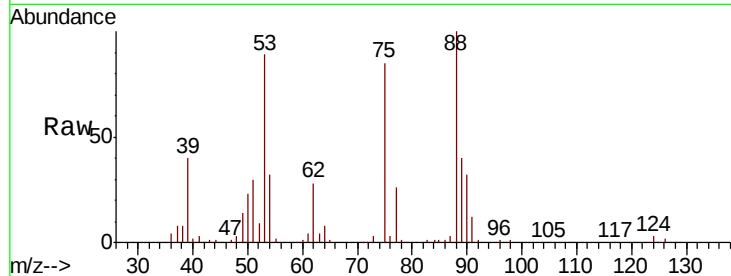
Tot Ion: 75 Resp: 40481

Ion Ratio Lower Upper

75 100

53 103.3 78.5 117.7

89 48.2 37.4 56.2



#82

4-Chlorotoluene

Concen: 54.585 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013144.D

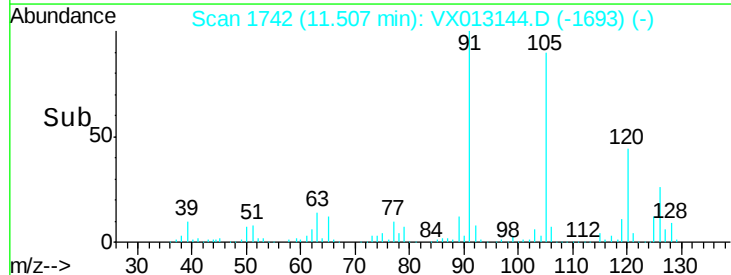
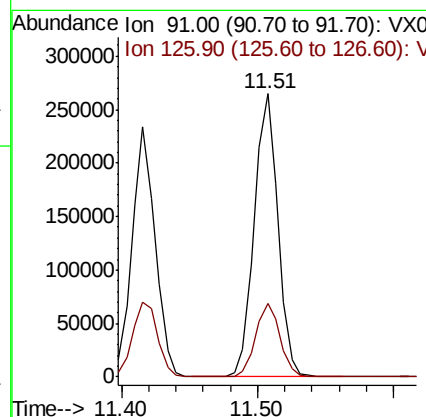
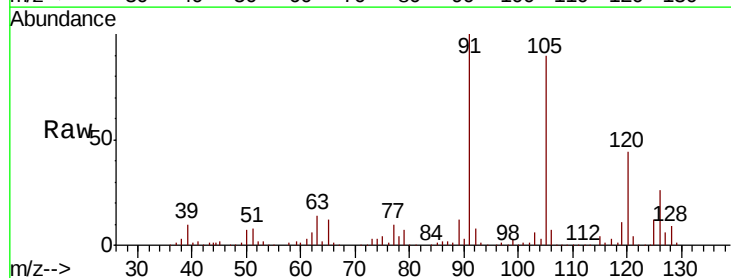
Acq: 18 Oct 2019 21:47

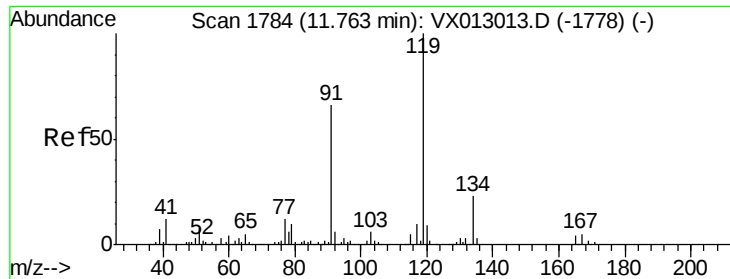
Tgt Ion: 91 Resp: 324387

Ion Ratio Lower Upper

91 100

126 26.9 14.2 42.6

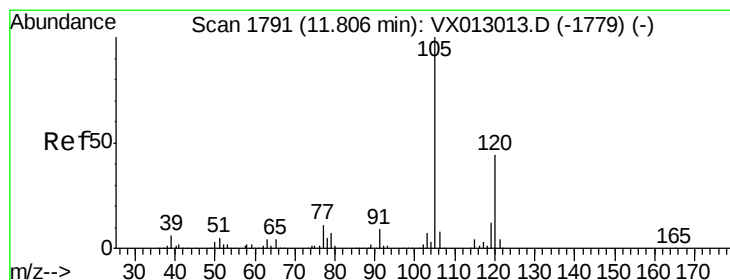
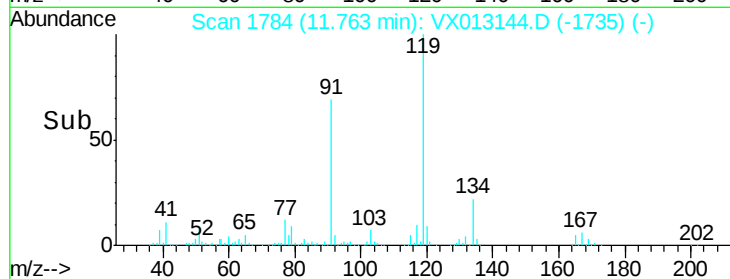
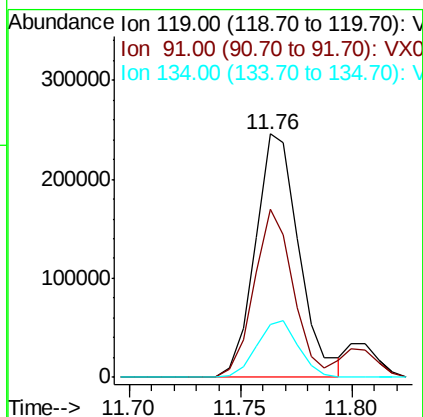
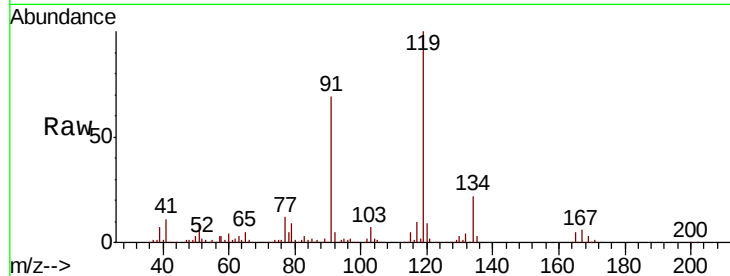




#83
 tert-Butylbenzene
 Concen: 54.804 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

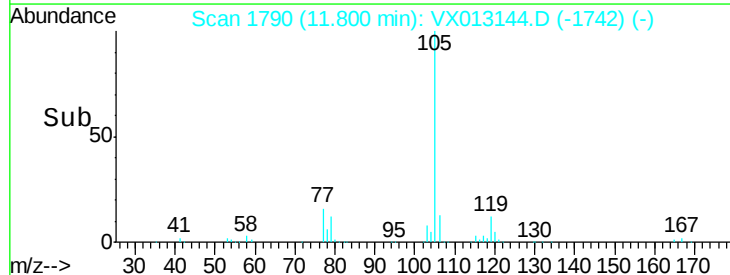
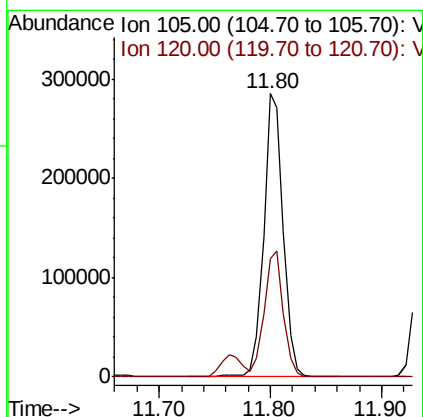
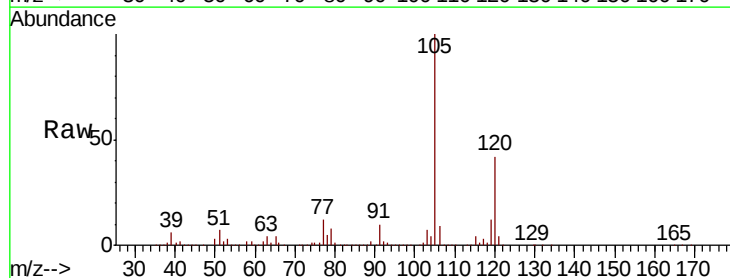
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

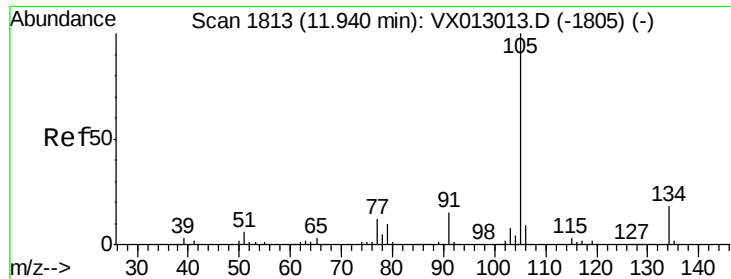
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.1	29.3	87.9
134	22.2	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.783 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.8	65.3





#85

sec-Butylbenzene

Concen: 53.452 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

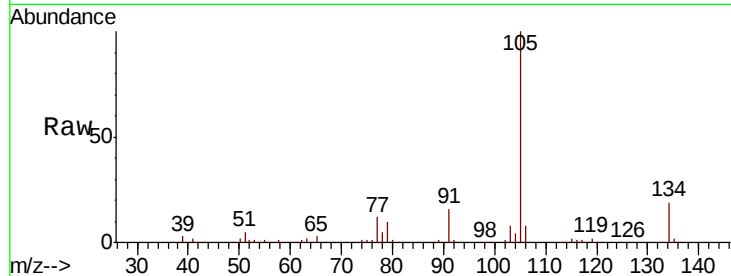
MW-309-SRI4MS

Tot Ion:105 Resp: 378182

Ion Ratio Lower Upper

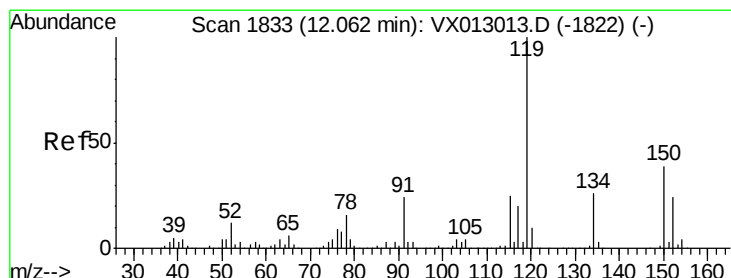
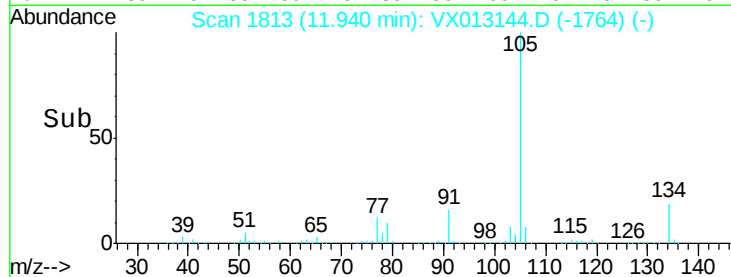
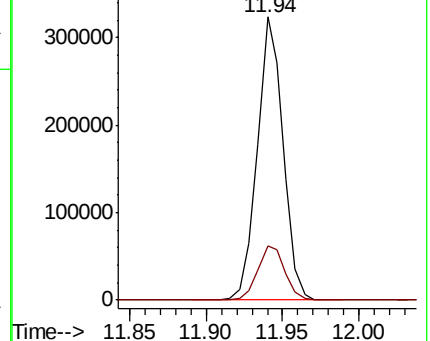
105 100

134 20.2 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.091 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

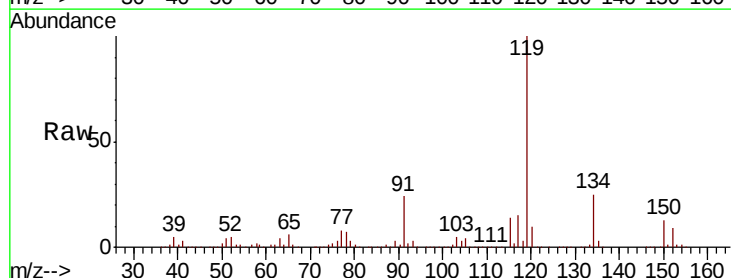
Tgt Ion:119 Resp: 361498

Ion Ratio Lower Upper

119 100

134 24.4 12.6 37.8

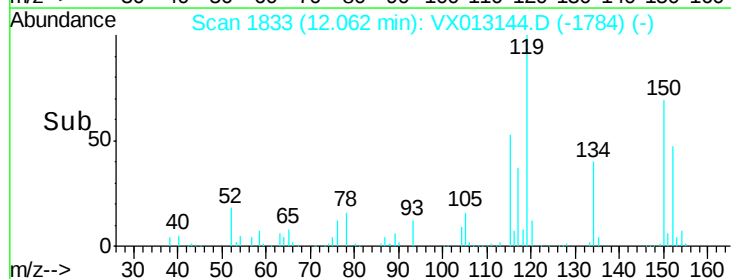
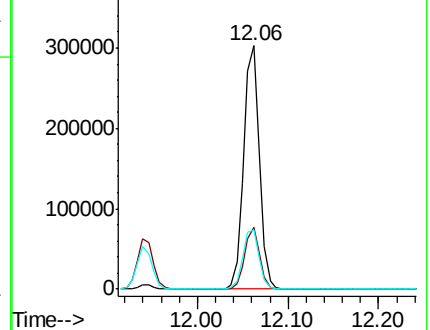
91 25.0 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

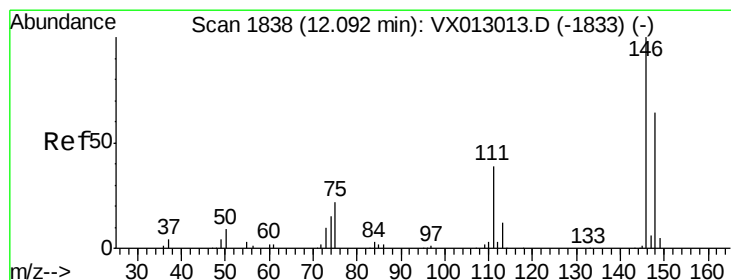
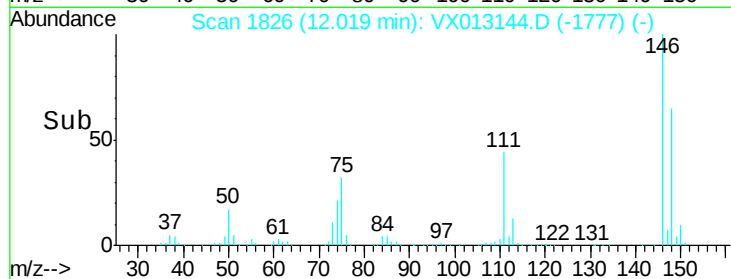
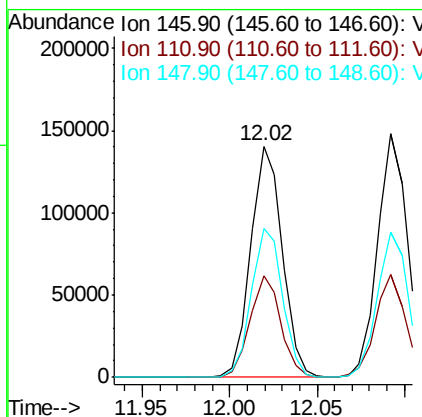
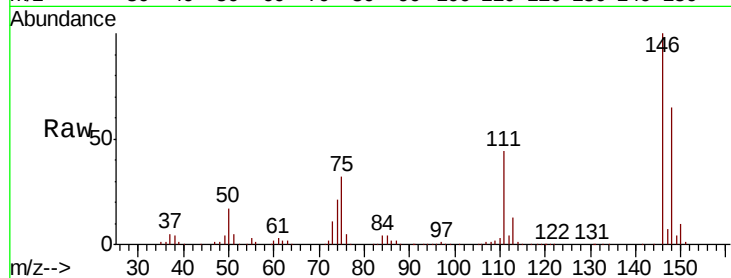




#87
 1,3-Dichlorobenzene
 Concen: 53.477 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

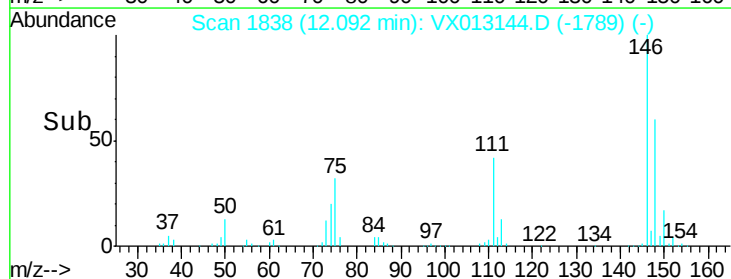
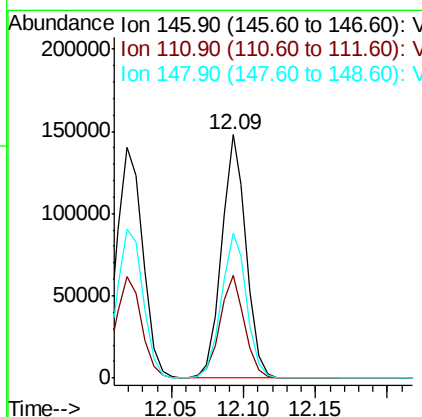
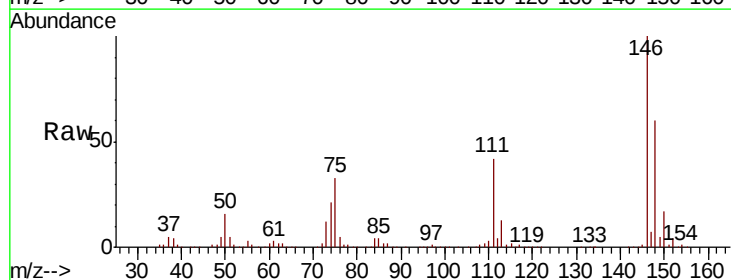
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

Tot Ion:146 Resp: 175451
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.1 63.4
 148 64.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 53.026 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion:146 Resp: 176193
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.4 64.3
 148 61.7 32.1 96.5

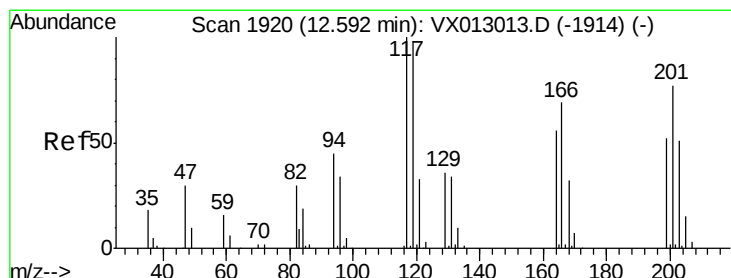
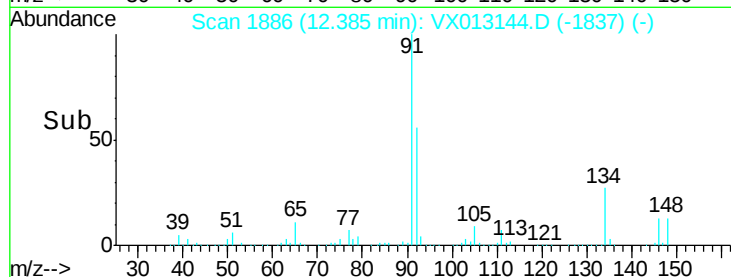
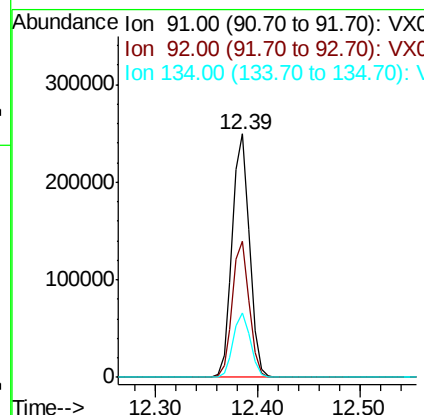
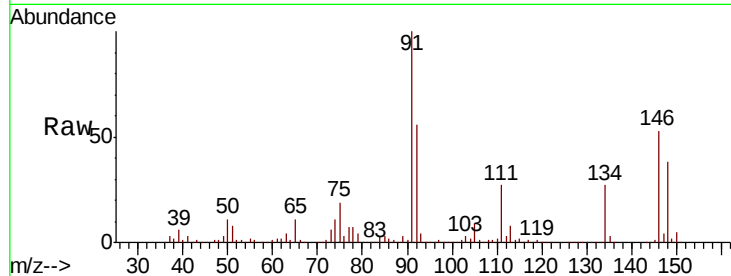




#89
n-Butylbenzene
Concen: 52.779 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

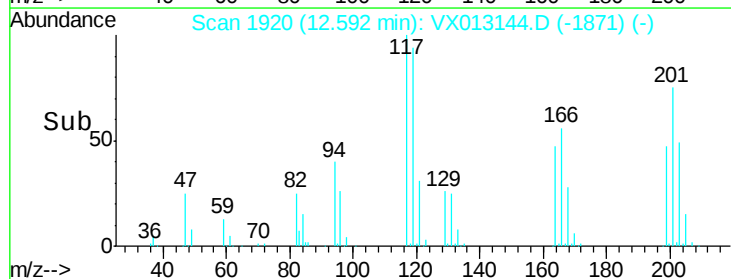
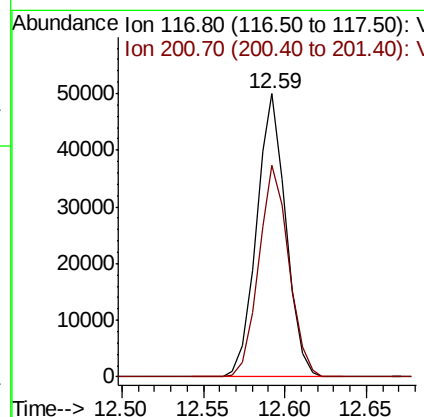
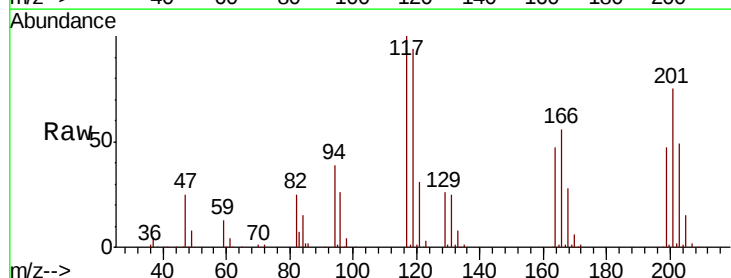
Instrument :
MSVOA_X
ClientSampleId :
MW-309-SRI4MS

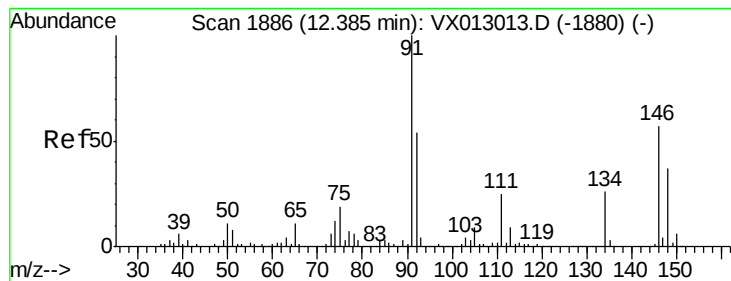
Tot Ion: 91 Resp: 291067
Ion Ratio Lower Upper
91 100
92 54.7 27.5 82.5
134 26.3 12.9 38.7



#90
Hexachloroethane
Concen: 51.147 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013144.D
Acq: 18 Oct 2019 21:47

Tgt Ion: 117 Resp: 62222
Ion Ratio Lower Upper
117 100
201 76.8 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 54.309 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

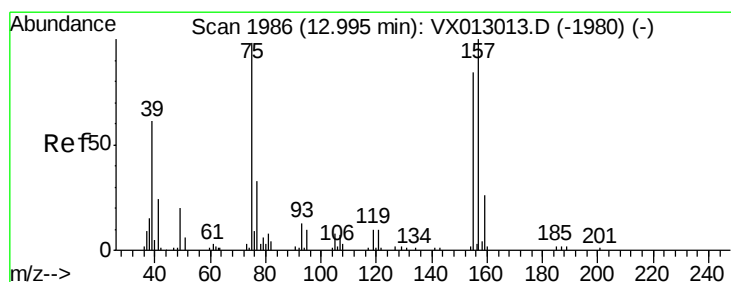
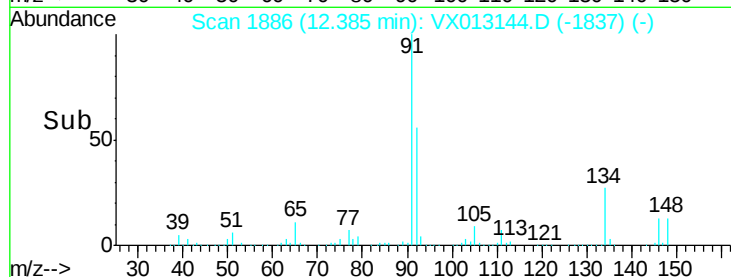
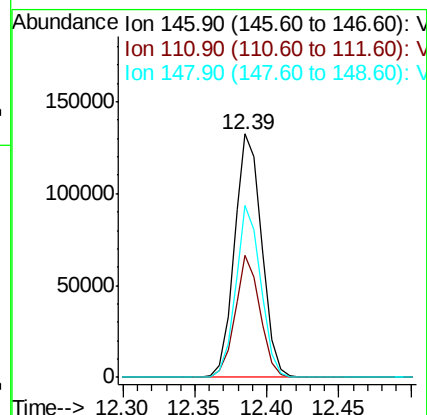
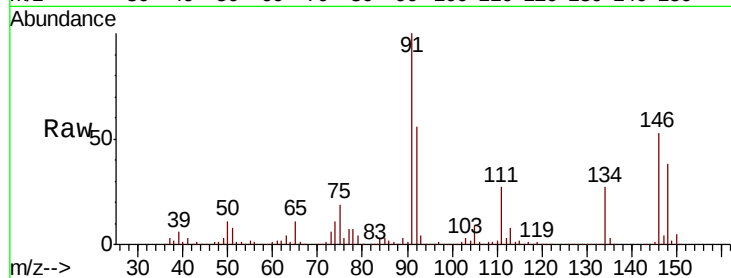
Tot Ion:146 Resp: 174681

Ion Ratio Lower Upper

146 100

111 45.8 22.7 68.0

148 65.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.852 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

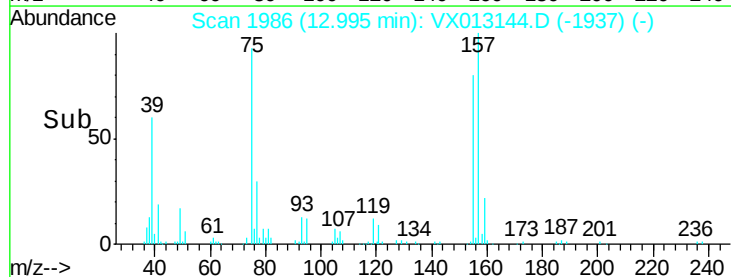
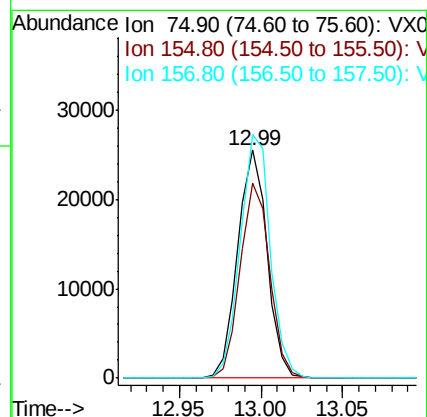
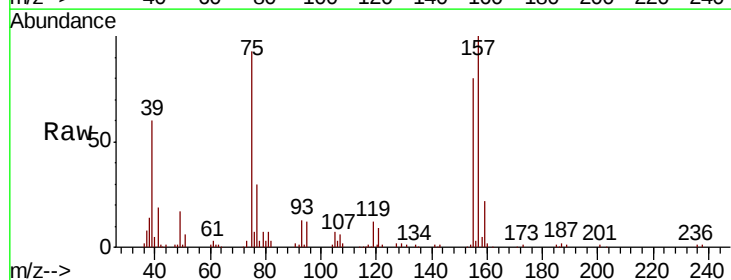
Tgt Ion: 75 Resp: 32059

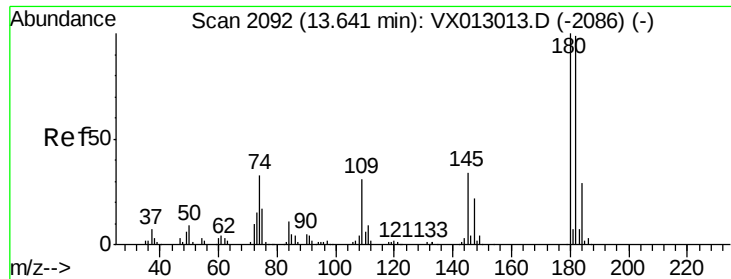
Ion Ratio Lower Upper

75 100

155 85.9 43.0 128.8

157 109.6 54.1 162.3

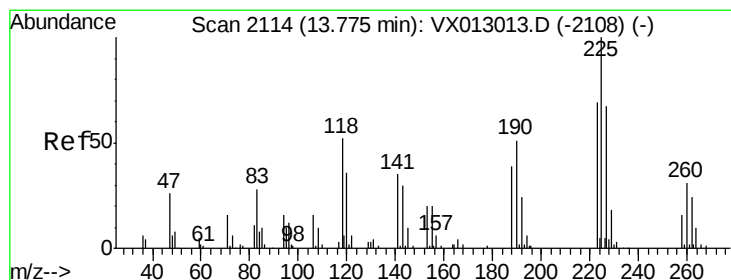
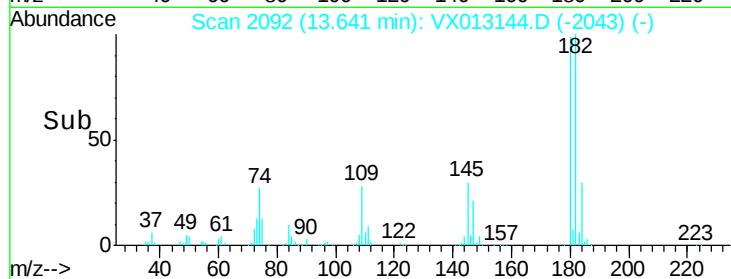
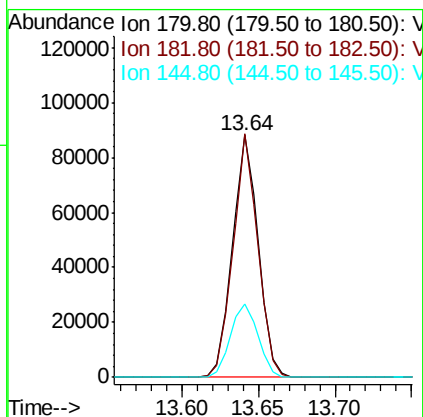
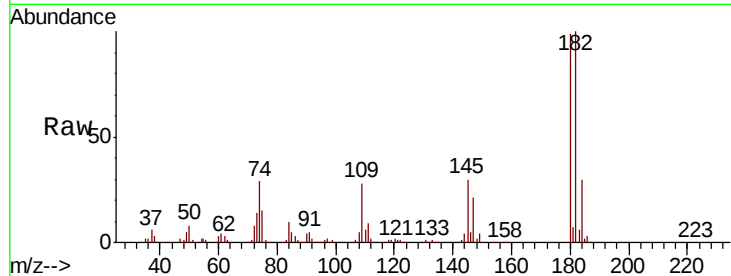




#93
 1,2,4-Trichlorobenzene
 Concen: 51.027 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

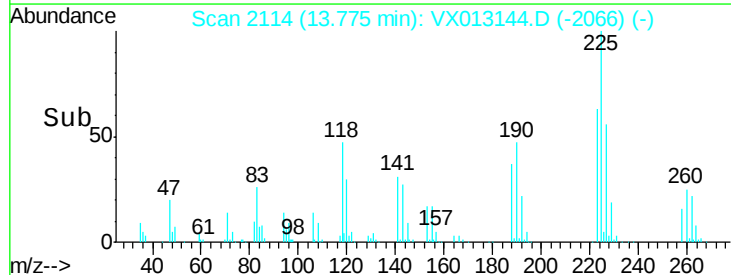
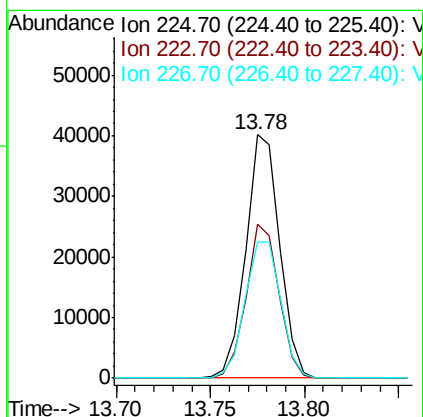
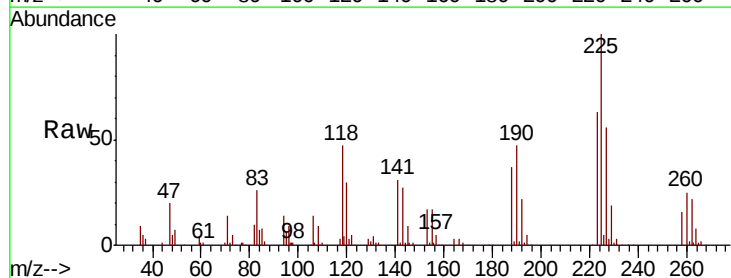
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-309-SRI4MS

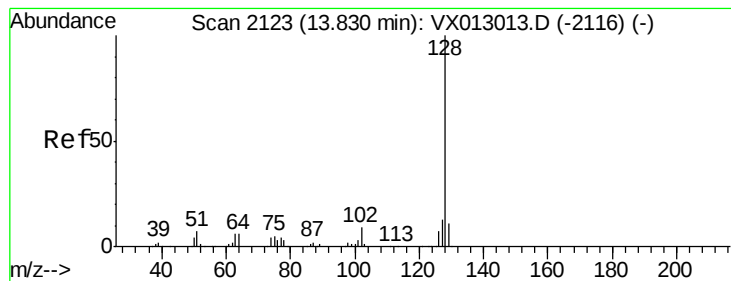
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.8	140.4
145	32.3	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 53.693 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX013144.D
 Acq: 18 Oct 2019 21:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.1	93.2
227	59.3	32.3	96.9





#95

Naphthalene

Concen: 48.956 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

Instrument :

MSVOA_X

ClientSampleId :

MW-309-SRI4MS

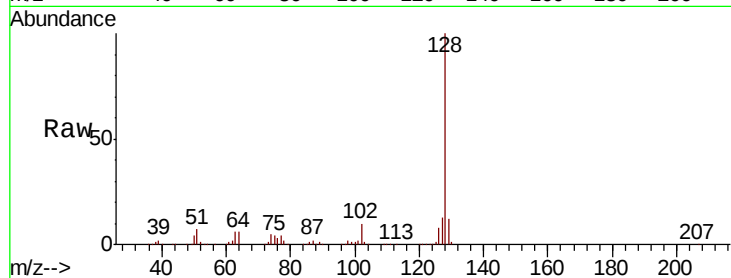
Tot Ion:128 Resp: 341933

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

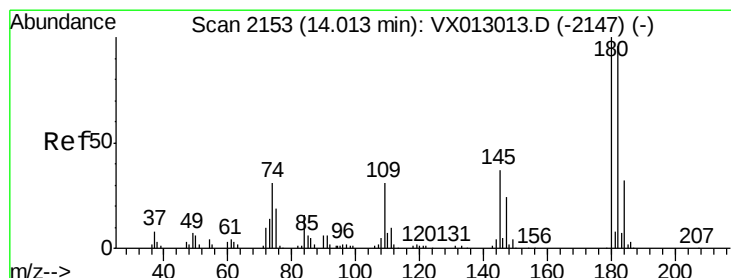
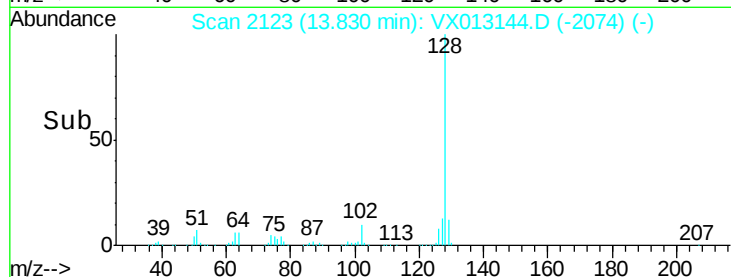
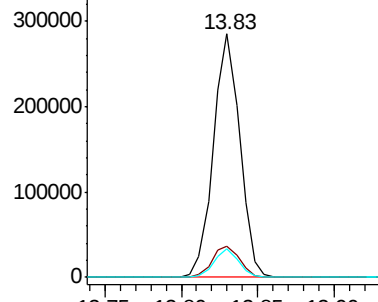
129 10.9 8.8 13.2



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: 51.530 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX013144.D

Acq: 18 Oct 2019 21:47

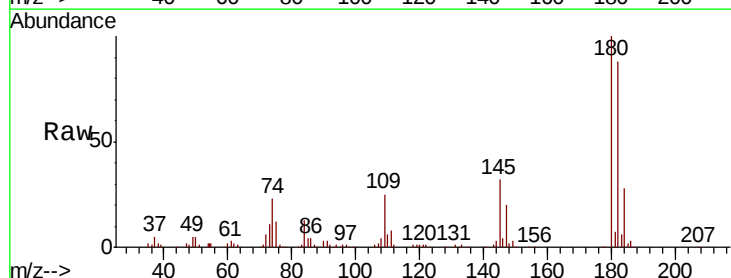
Tgt Ion:180 Resp: 107291

Ion Ratio Lower Upper

180 100

182 92.7 47.5 142.5

145 33.7 17.4 52.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

