

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
 Data File : VX011269.D
 Acq On : 01 Aug 2019 19:43
 Operator : JC/SP
 Sample : VX0801WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Quant Time: Aug 02 02:06:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	159544	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	237024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110795	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	75857	47.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.42%	
35) Dibromofluoromethane	5.49	113	72736	47.00	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.00%	
50) Toluene-d8	8.71	98	276037	47.26	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.13	95	94468	45.30	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	22567	18.314	ug/l	98
3) Chloromethane	1.32	50	25651	18.537	ug/l	99
4) Vinyl Chloride	1.40	62	27963	18.371	ug/l	98
5) Bromomethane	1.63	94	23445	21.597	ug/l	97
6) Chloroethane	1.71	64	19317	18.868	ug/l	99
7) Trichlorofluoromethane	1.92	101	49731	18.375	ug/l	96
8) Diethyl Ether	2.18	74	18350	18.988	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26082	17.811	ug/l	98
10) Methyl Iodide	2.50	142	27544	14.919	ug/l	99
11) Tert butyl alcohol	3.04	59	32333	100.932	ug/l	100
12) 1,1-Dichloroethene	2.37	96	26460	18.228	ug/l	97
13) Acrolein	2.29	56	18215	91.215	ug/l	99
14) Allyl chloride	2.72	41	35634	18.414	ug/l	99
15) Acrylonitrile	3.14	53	72235	94.480	ug/l	98
16) Acetone	2.43	43	60647	79.303	ug/l	100
17) Carbon Disulfide	2.56	76	61901	18.172	ug/l	99
18) Methyl Acetate	2.76	43	32159	18.401	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	80487	18.815	ug/l	99
20) Methylene Chloride	2.85	84	29991	17.907	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	28011	18.242	ug/l	94
22) Diisopropyl ether	3.85	45	78215	18.390	ug/l	98
23) Vinyl Acetate	3.81	43	332911	94.373	ug/l	99
24) 1,1-Dichloroethane	3.68	63	45939	18.317	ug/l	99
25) 2-Butanone	4.67	43	97630	89.745	ug/l	97
26) 2,2-Dichloropropane	4.57	77	32274	16.555	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	32994	18.655	ug/l	97
28) Bromochloromethane	5.01	49	20896	18.276	ug/l	98
29) Tetrahydrofuran	5.13	42	61451	92.127	ug/l	98
30) Chloroform	5.21	83	49942	18.322	ug/l	97
31) Cyclohexane	5.57	56	38362	18.541	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	42243	18.091	ug/l	98
36) 1,1-Dichloropropene	5.79	75	36097	17.443	ug/l	98
37) Ethyl Acetate	4.82	43	37350	17.993	ug/l	99
38) Carbon Tetrachloride	5.78	117	36931	17.738	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	42034	17.136	ug/l	97
40) Benzene	6.14	78	113464	18.374	ug/l	100
41) Methacrylonitrile	5.04	41	19972	17.617	ug/l	97
42) 1,2-Dichloroethane	6.19	62	37113	17.773	ug/l	99
43) Isopropyl Acetate	6.44	43	58302	17.568	ug/l	97
44) Trichloroethene	7.21	130	33347	17.840	ug/l	100
45) 1,2-Dichloropropane	7.51	63	28461	17.796	ug/l	99
46) Dibromomethane	7.66	93	20589	17.635	ug/l	99
47) Bromodichloromethane	7.90	83	34439	17.422	ug/l	98
48) Methyl methacrylate	7.77	41	27681	17.723	ug/l	99
49) 1,4-Dioxane	7.74	88	16993	375.295	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	199024	92.924	ug/l	98
52) Toluene	8.78	92	73276	17.947	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	34799	17.097	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	40234	17.425	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	30970	18.448	ug/l	98
56) Ethyl methacrylate	9.18	69	42176	17.630	ug/l	97
57) 1,3-Dichloropropane	9.37	76	48423	18.239	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	108062	91.868	ug/l	99
59) 2-Hexanone	9.49	43	152363	91.843	ug/l	99
60) Dibromochloromethane	9.58	129	29700	17.280	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32824	18.098	ug/l	98
64) Tetrachloroethene	9.34	164	33854	18.420	ug/l	96
65) Chlorobenzene	10.13	112	82055	17.684	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	29141	18.344	ug/l	99
67) Ethyl Benzene	10.25	91	141302	18.183	ug/l	97
68) m/p-Xylenes	10.35	106	110609	36.798	ug/l	98
69) o-Xylene	10.69	106	53864	18.238	ug/l	96
70) Styrene	10.71	104	88658	18.143	ug/l	100
71) Bromoform	10.85	173	21227	16.933	ug/l #	98
73) Isopropylbenzene	11.02	105	140509	18.543	ug/l	99
74) N-amyl acetate	10.90	43	52516	19.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	47891	18.965	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	47121	23.354	ug/l	84
77) Bromobenzene	11.26	156	39345	18.725	ug/l	98
78) n-propylbenzene	11.36	91	156694	18.595	ug/l	100
79) 2-Chlorotoluene	11.42	91	92126	18.342	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	116449	18.358	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	11169	17.971	ug/l	94
82) 4-Chlorotoluene	11.51	91	105094	17.954	ug/l	99
83) tert-Butylbenzene	11.77	119	113783	18.289	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	118641	18.786	ug/l	100
85) sec-Butylbenzene	11.94	105	137264	18.364	ug/l	99
86) p-Isopropyltoluene	12.06	119	126555	18.404	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	68212	18.373	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	67829	17.717	ug/l	98
89) n-Butylbenzene	12.38	91	104475	17.635	ug/l	99
90) Hexachloroethane	12.59	117	17648	17.359	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	69489	18.628	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8908	18.208	ug/l	99

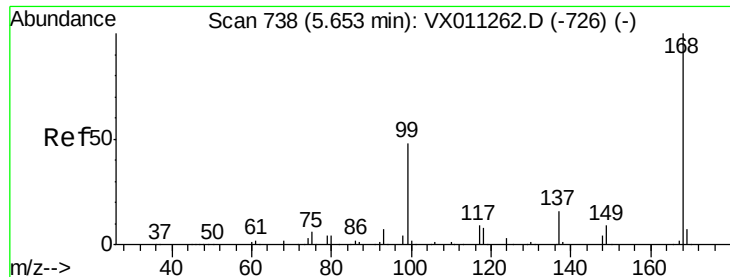
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080119\
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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	44782	18.102	ug/l	99
94) Hexachlorobutadiene	13.78	225	22043	17.562	ug/l	97
95) Naphthalene	13.83	128	134958	18.654	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	46182	18.362	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

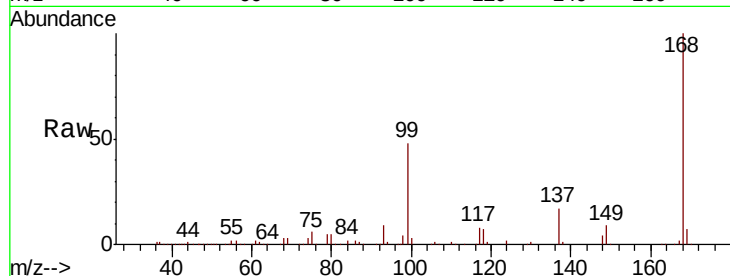
VX0801WBS01

Tot Ion:168 Resp: 159544

Ion Ratio Lower Upper

168 100

99 47.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

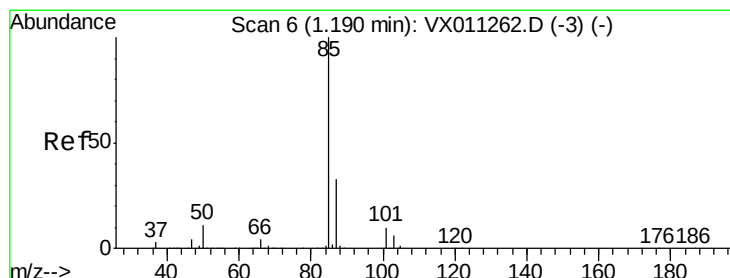
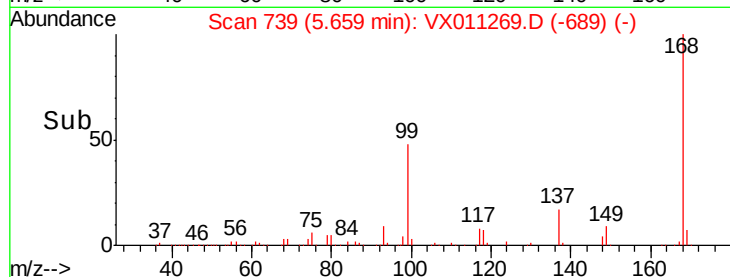
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.314 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011269.D

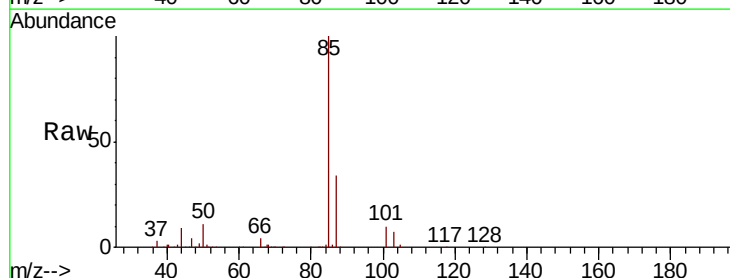
Acq: 01 Aug 2019 19:43

Tgt Ion: 85 Resp: 22567

Ion Ratio Lower Upper

85 100

87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

25000

20000

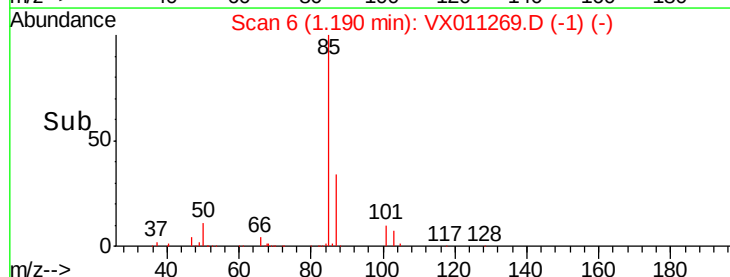
15000

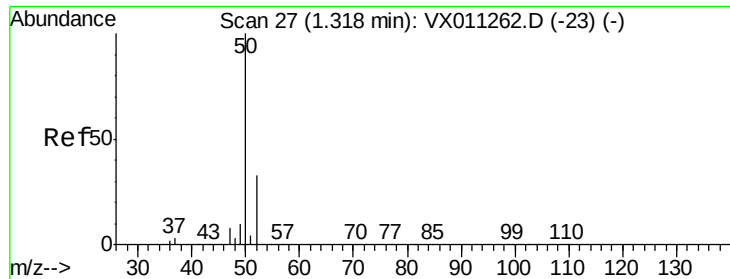
10000

5000

0

Time--> 1.15 1.20 1.25





#3

Chloromethane

Concen: 18.537 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

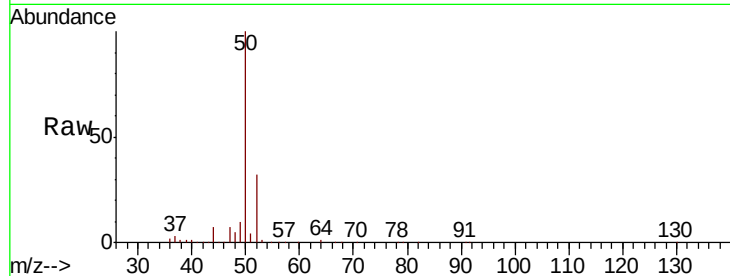
VX0801WBS01

Tot Ion: 50 Resp: 25651

Ion Ratio Lower Upper

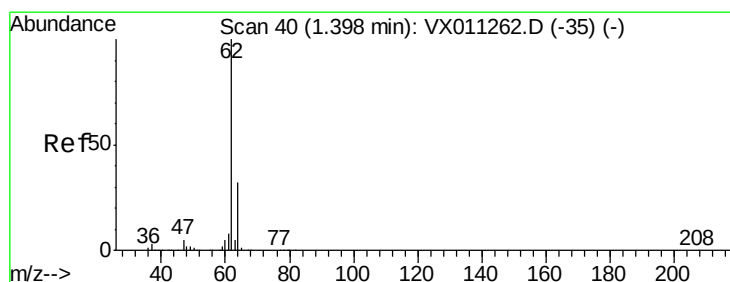
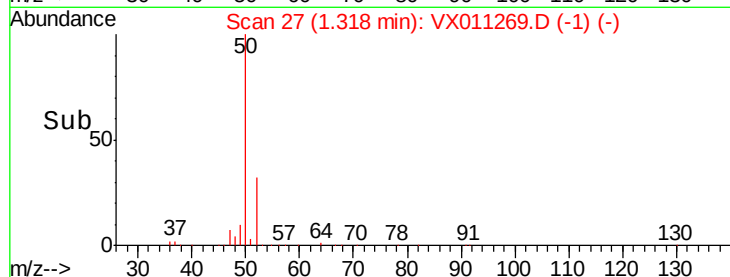
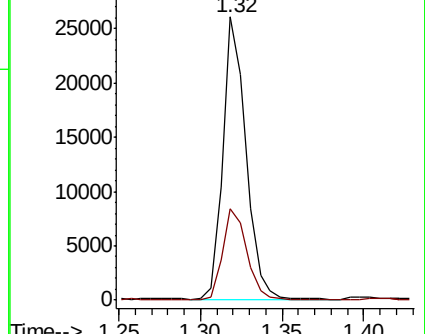
50 100

52 32.2 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.371 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011269.D

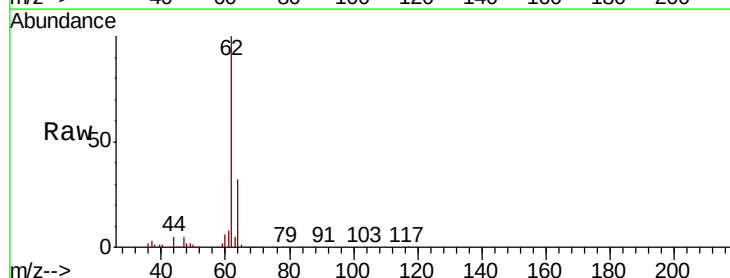
Acq: 01 Aug 2019 19:43

Tgt Ion: 62 Resp: 27963

Ion Ratio Lower Upper

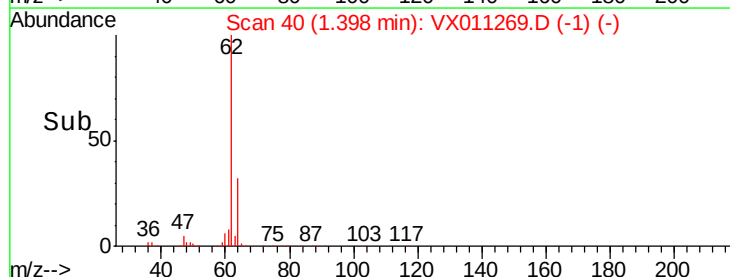
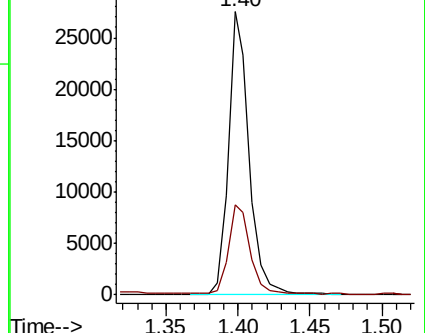
62 100

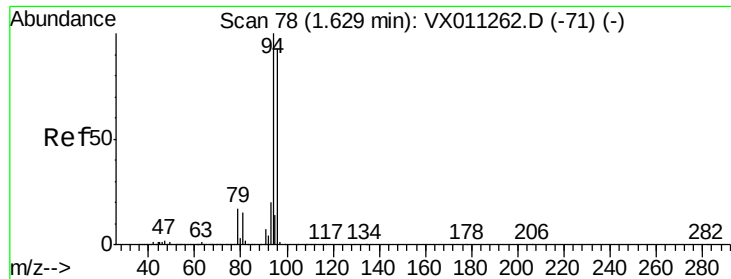
64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.597 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

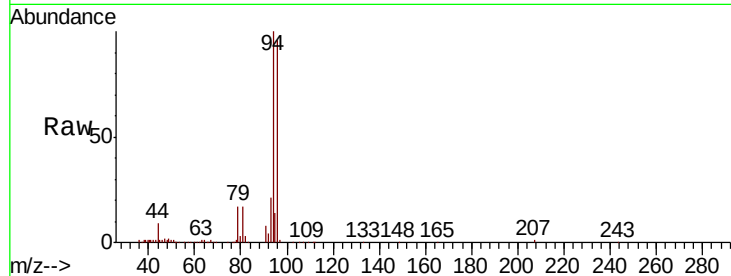
VX0801WBS01

Tot Ion: 94 Resp: 23445

Ion Ratio Lower Upper

94 100

96 95.9 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

25000

20000

15000

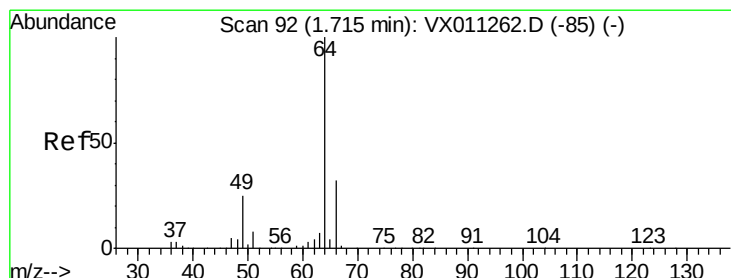
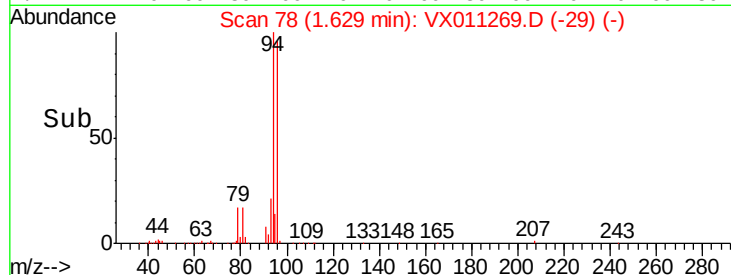
10000

5000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.868 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011269.D

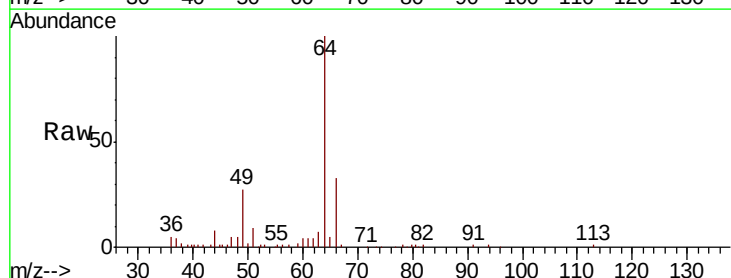
Acq: 01 Aug 2019 19:43

Tgt Ion: 64 Resp: 19317

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

15000

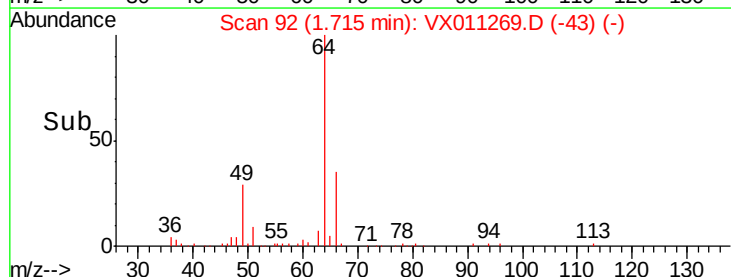
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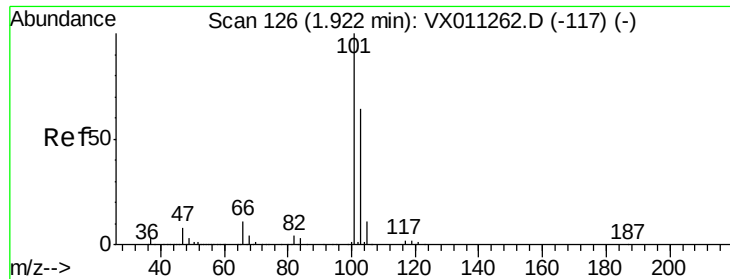
5000

0

Time-->

1.65 1.70 1.75 1.80



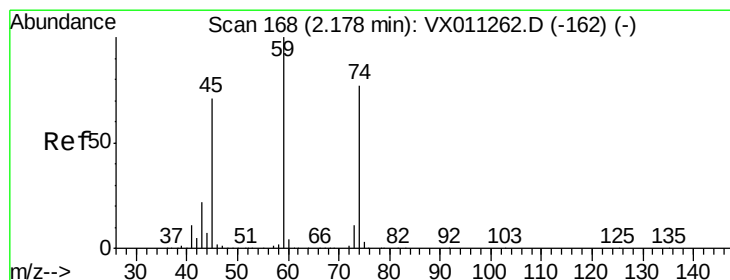
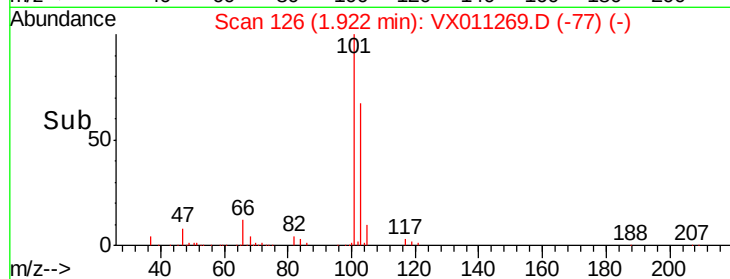
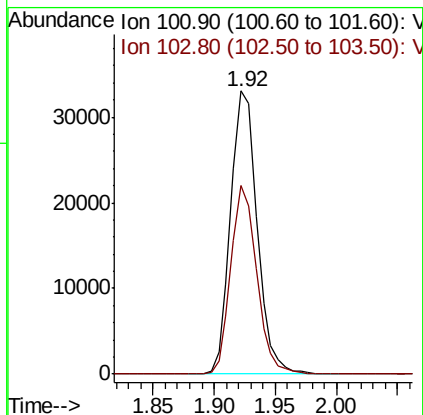
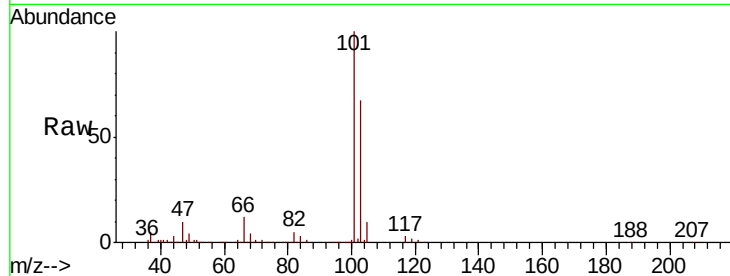


#7

Trichlorofluoromethane
Concen: 18.375 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

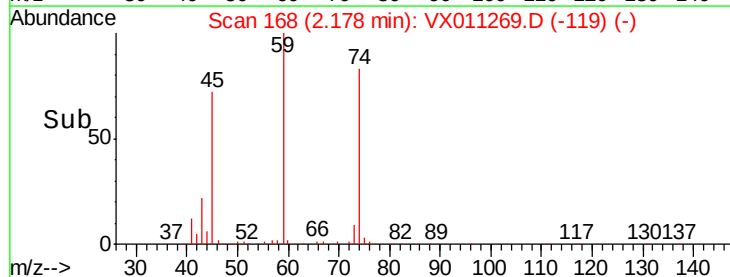
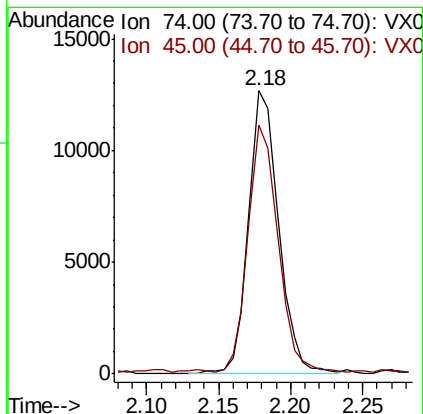
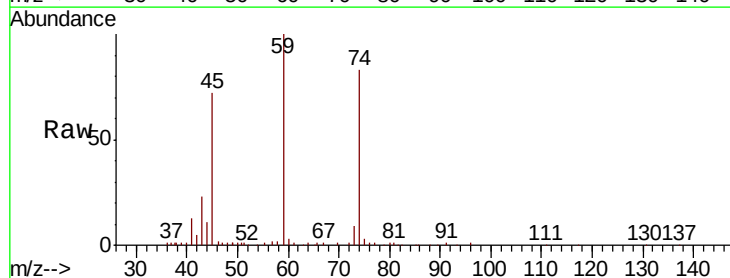
Tot Ion:101 Resp: 49731
Ion Ratio Lower Upper
101 100
103 66.5 50.9 76.3

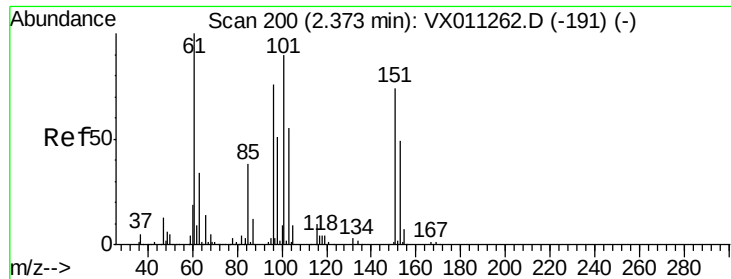


#8

Diethyl Ether
Concen: 18.988 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 74 Resp: 18350
Ion Ratio Lower Upper
74 100
45 86.6 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.811 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

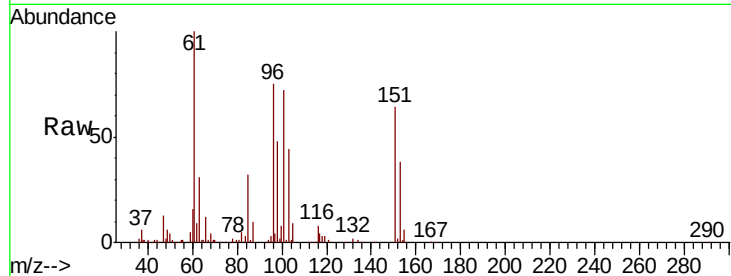
Tot Ion:101 Resp: 26082

Ion Ratio Lower Upper

101 100

85 43.6 33.8 50.6

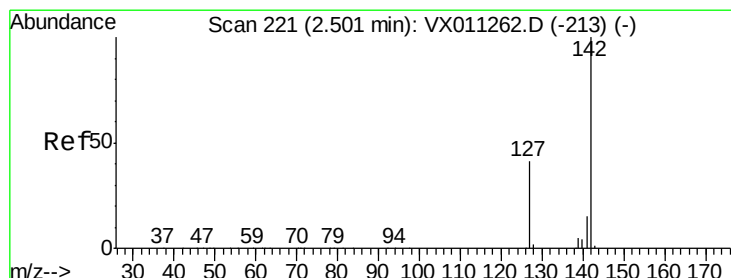
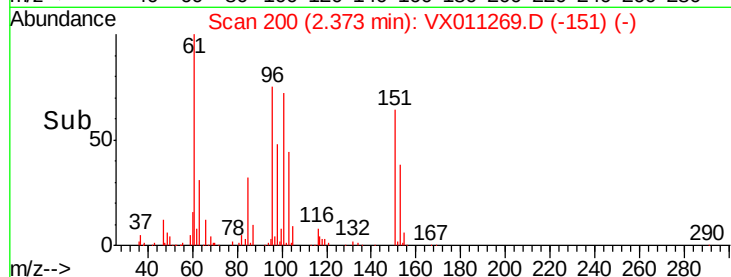
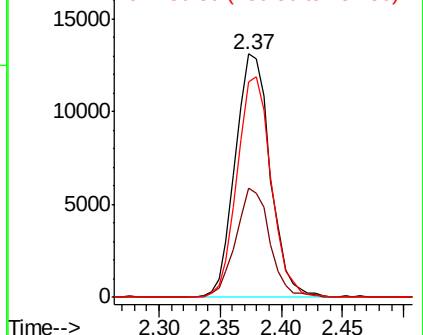
151 88.1 69.5 104.3



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: 14.919 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

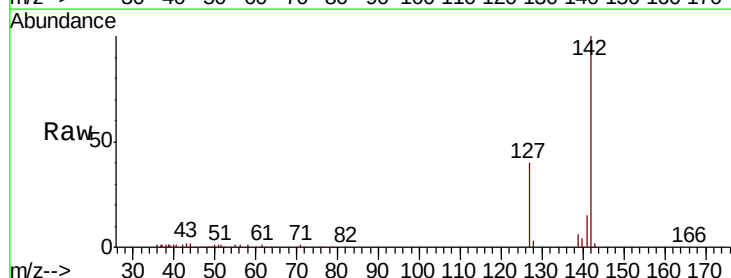
Tgt Ion:142 Resp: 27544

Ion Ratio Lower Upper

142 100

127 41.5 33.8 50.8

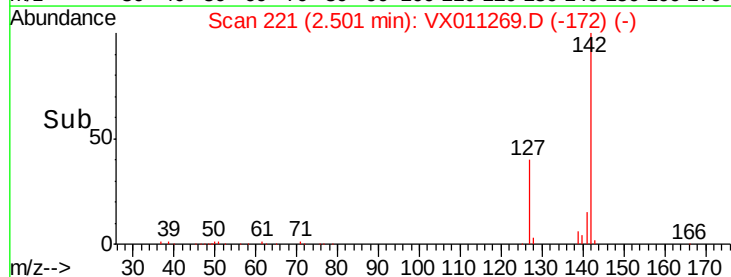
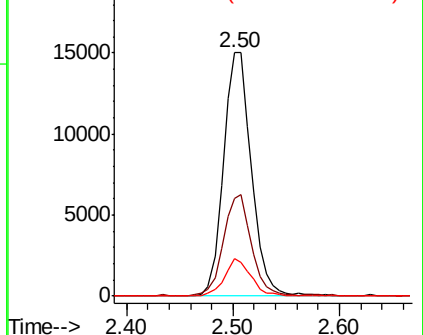
141 14.4 11.4 17.2

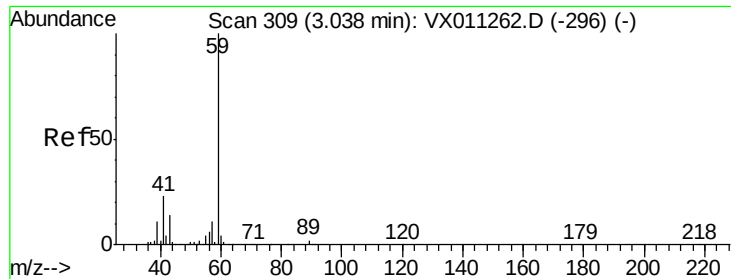


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



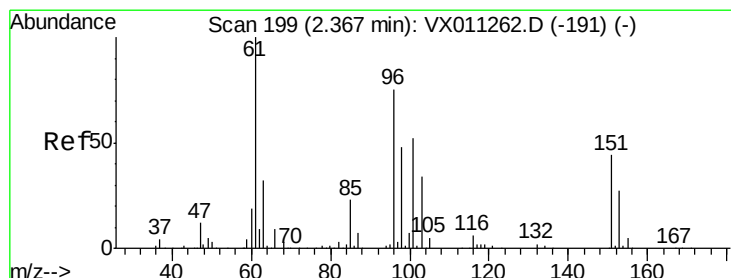
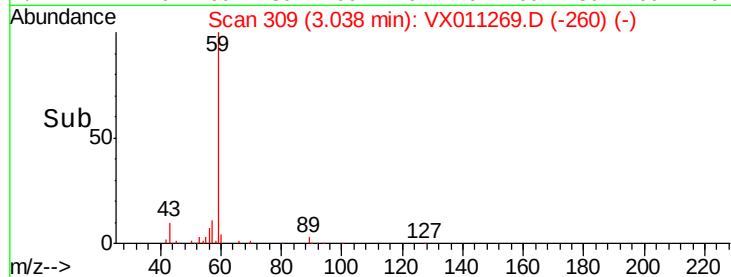
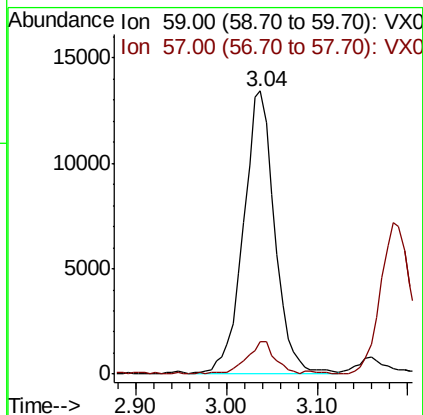
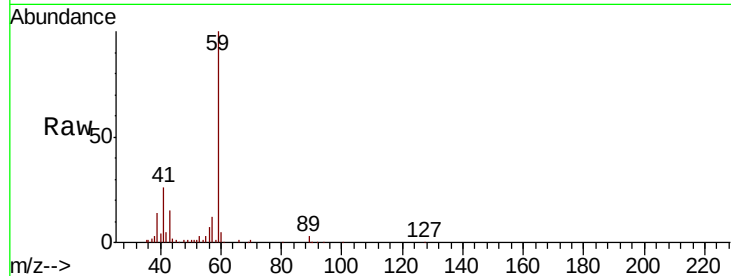


#11

Tert butyl alcohol
 Concen: 100.932 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0801WBS01

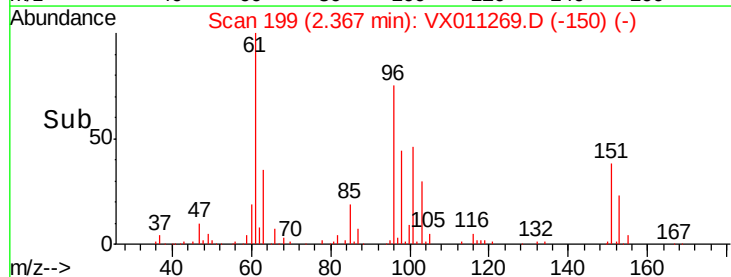
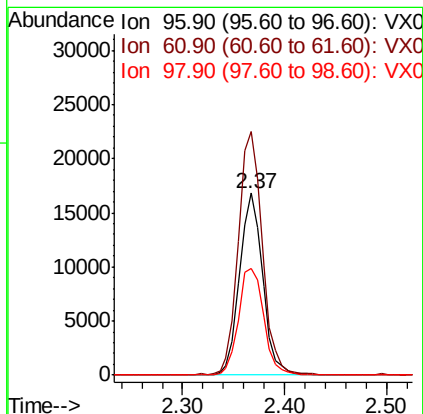
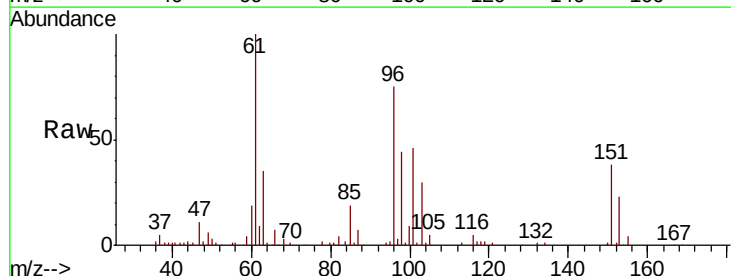
Tot Ion: 59 Resp: 32333
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

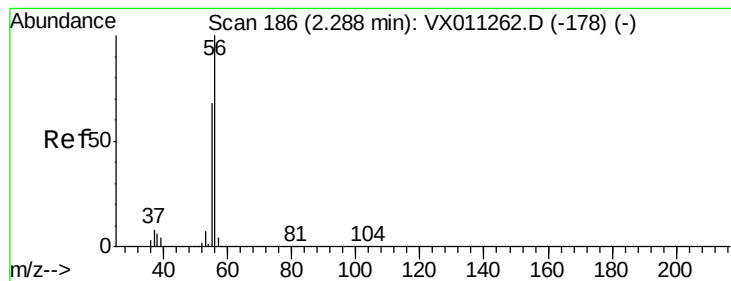


#12

1,1-Dichloroethene
 Concen: 18.228 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion: 96 Resp: 26460
 Ion Ratio Lower Upper
 96 100
 61 133.9 106.2 159.2
 98 58.6 50.6 75.8





#13

Acrolein

Concen: 91.215 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

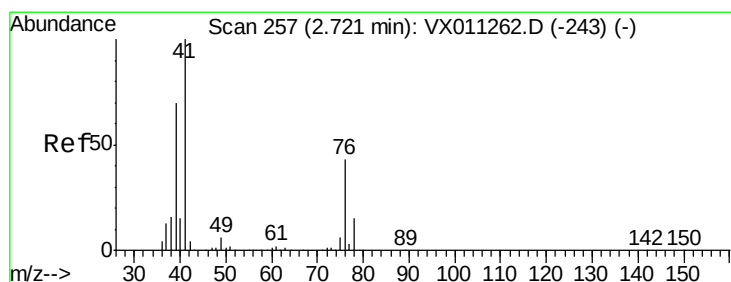
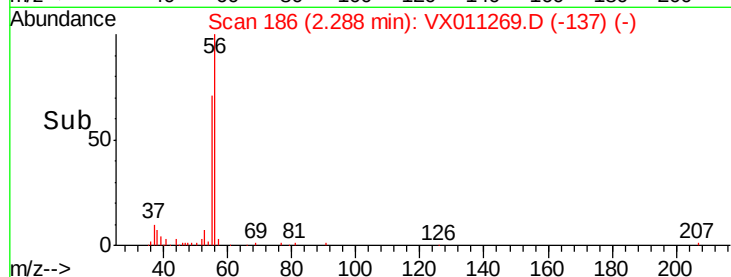
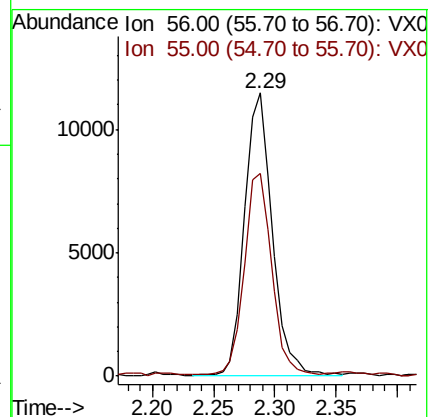
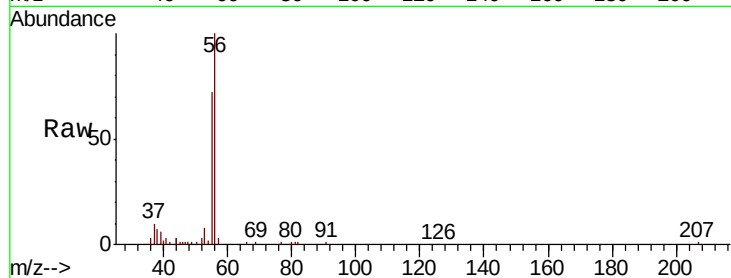
VX0801WBS01

Tot Ion: 56 Resp: 18215

Ion Ratio Lower Upper

56 100

55 69.6 56.0 84.0



#14

Allyl chloride

Concen: 18.414 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

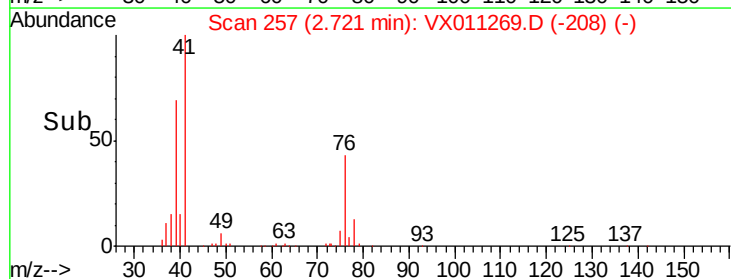
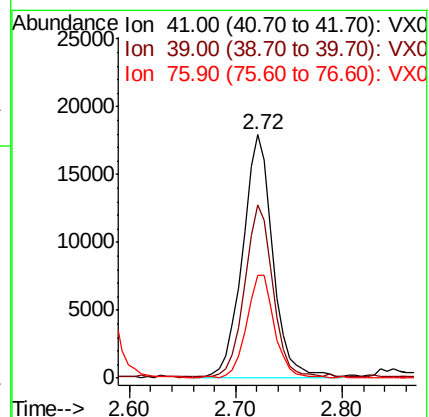
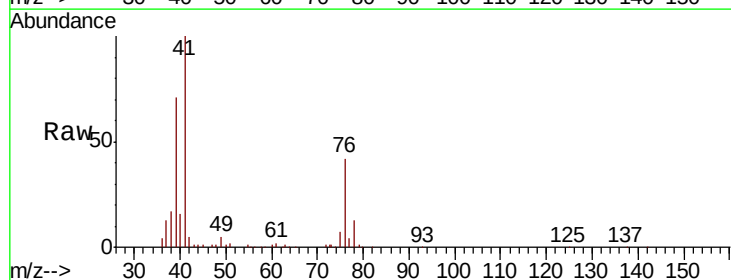
Tgt Ion: 41 Resp: 35634

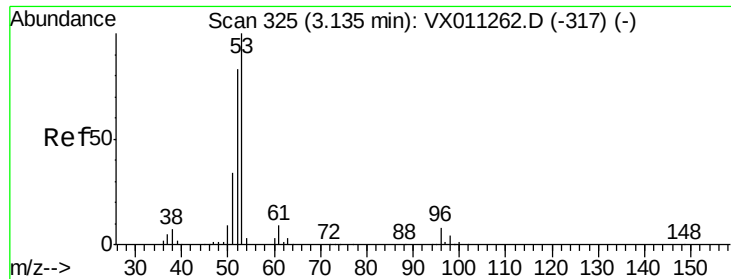
Ion Ratio Lower Upper

41 100

39 65.6 52.8 79.2

76 39.4 31.1 46.7





#15

Acrylonitrile

Concen: 94.480 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

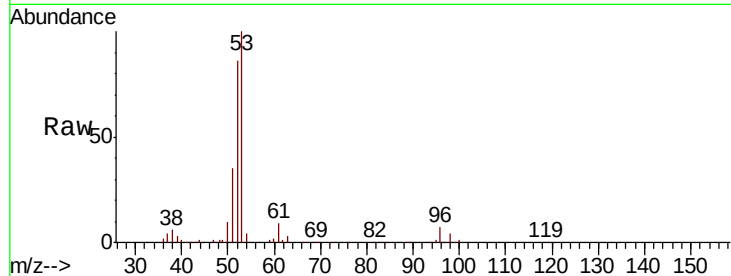
Tot Ion: 53 Resp: 72235

Ion Ratio Lower Upper

53 100

52 83.4 65.5 98.3

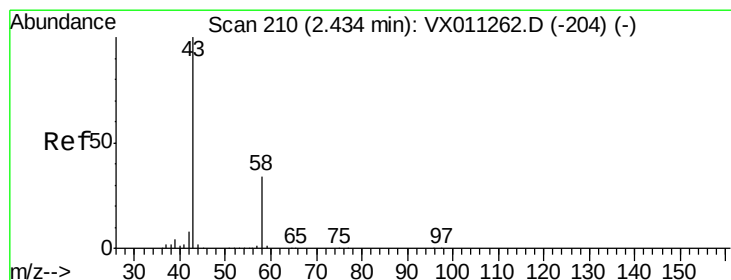
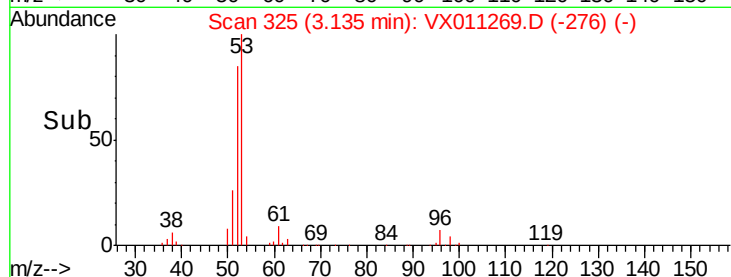
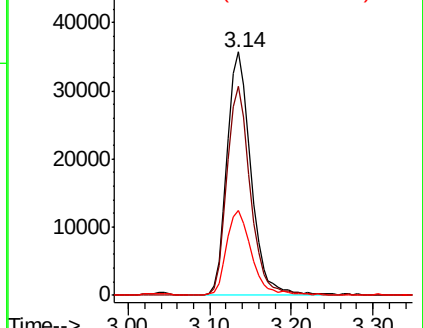
51 36.4 27.9 41.9



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: 79.303 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011269.D

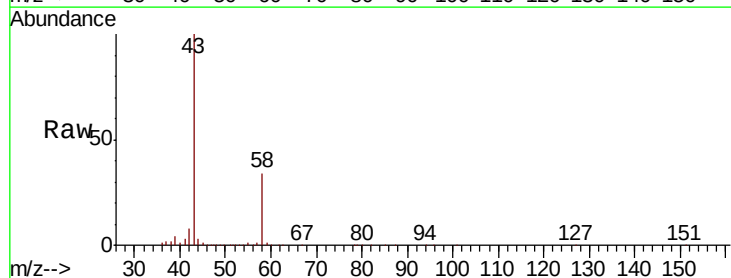
Acq: 01 Aug 2019 19:43

Tgt Ion: 43 Resp: 60647

Ion Ratio Lower Upper

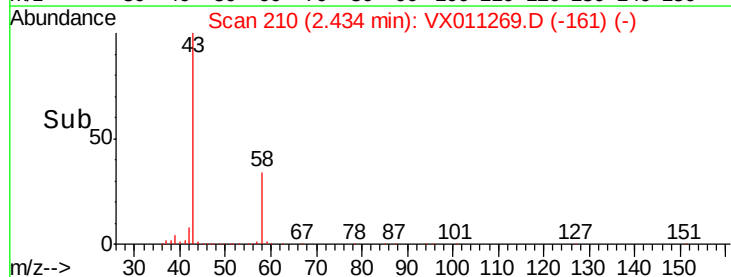
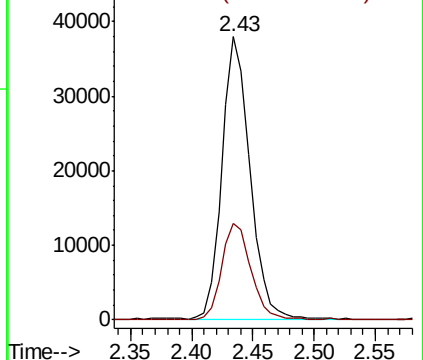
43 100

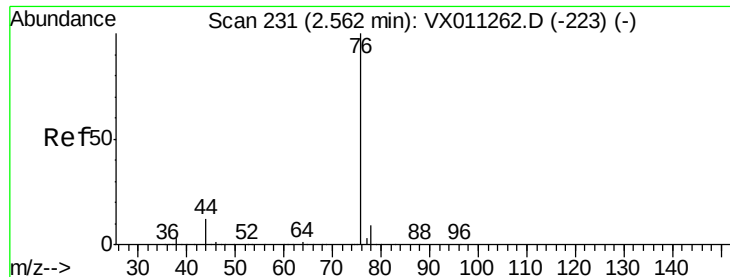
58 34.0 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

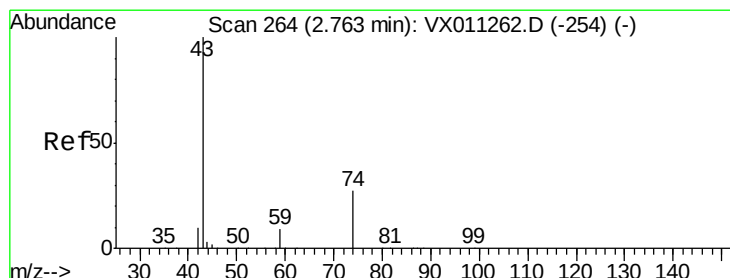
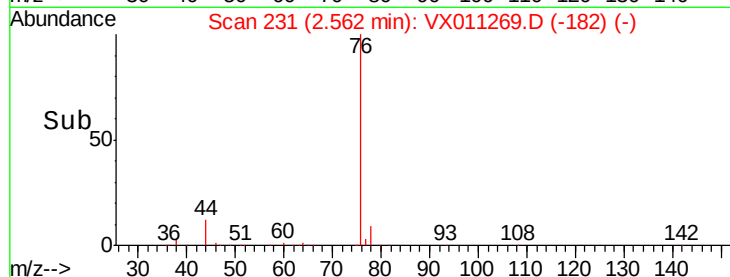
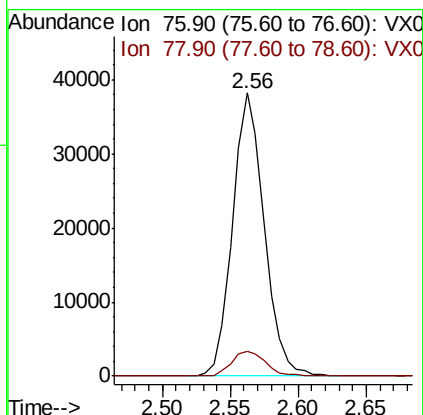
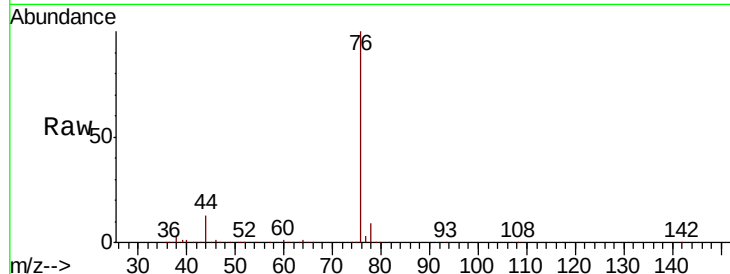




#17
Carbon Disulfide
Concen: 18.172 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

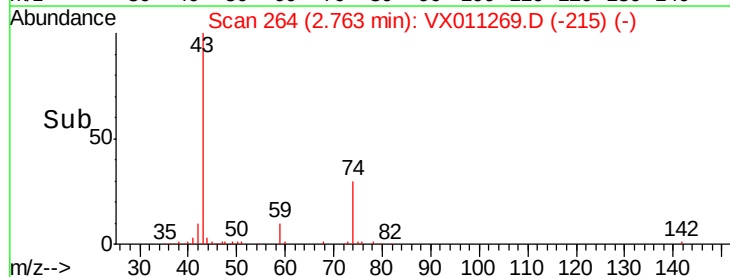
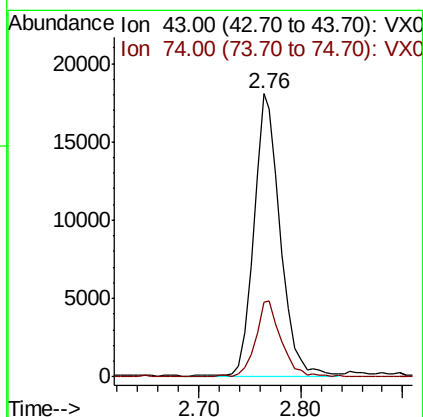
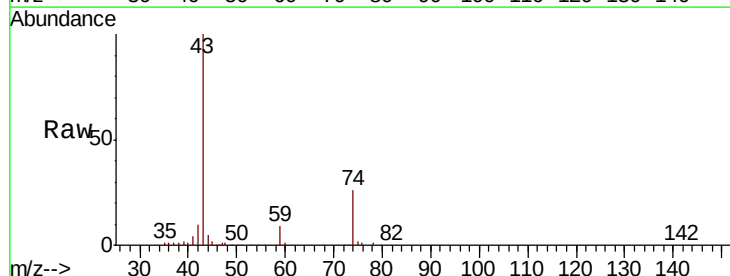
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

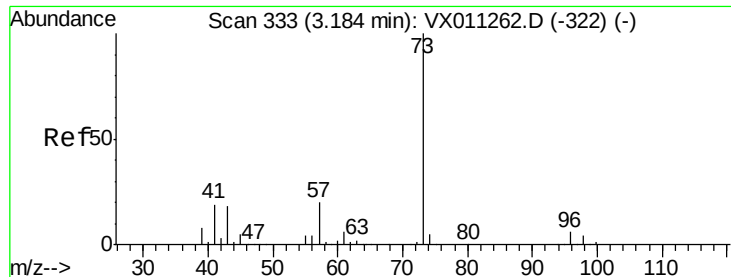
Tot Ion: 76 Resp: 61901
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 18.401 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 43 Resp: 32159
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6

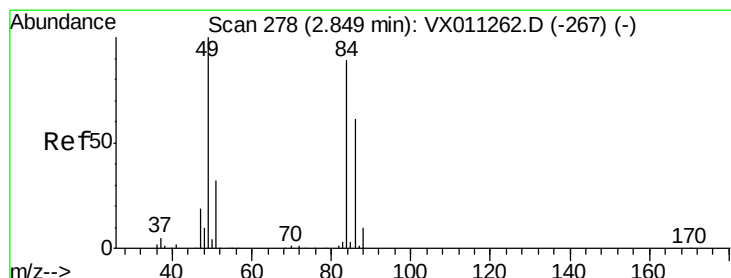
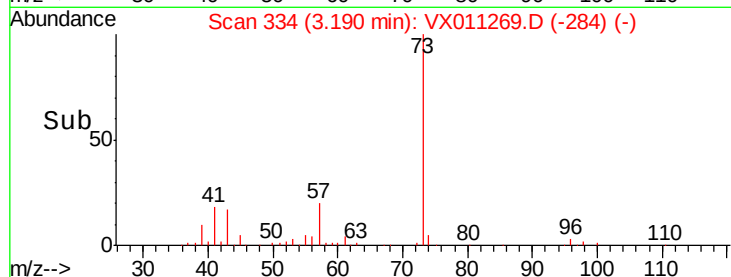
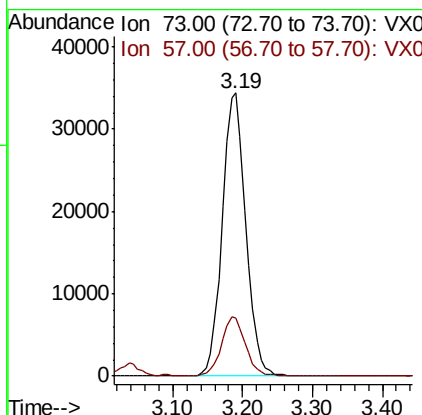
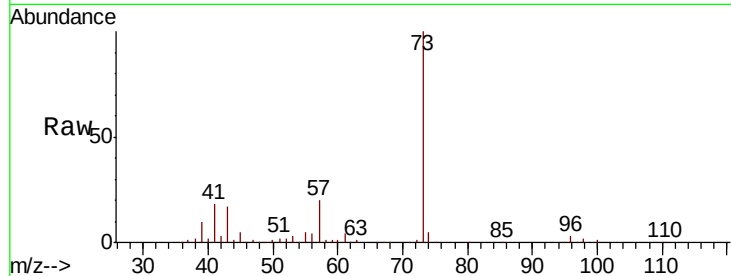




#19
Methyl tert-butyl Ether
Concen: 18.815 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

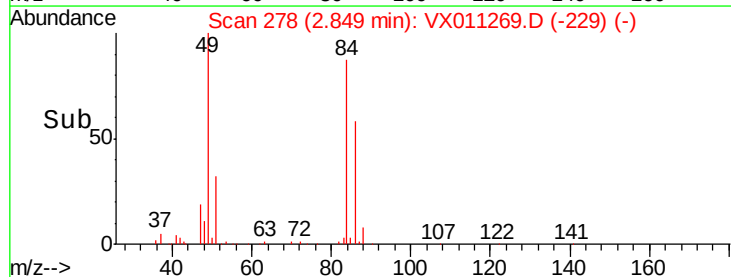
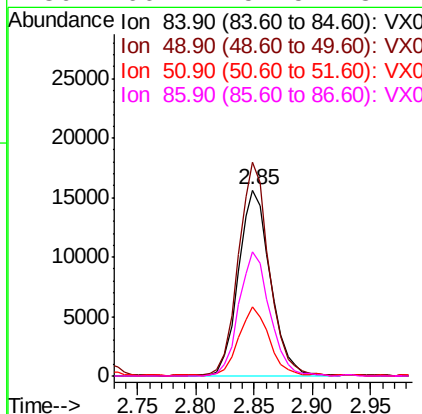
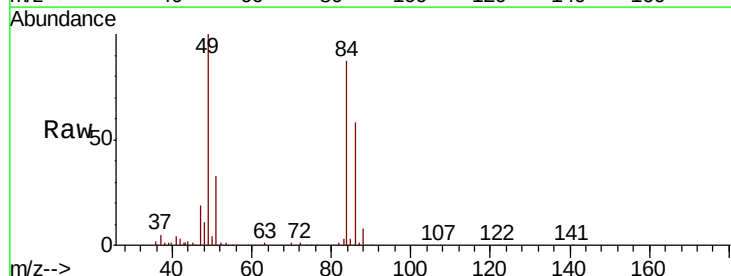
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

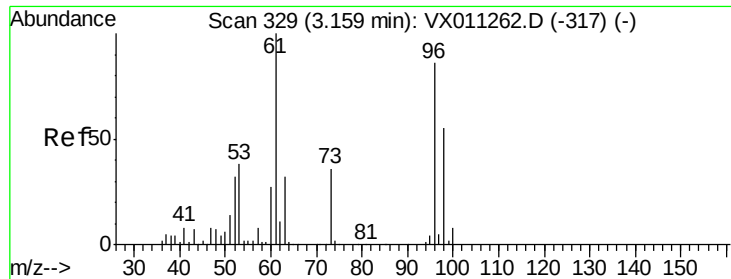
Tot Ion: 73 Resp: 80487
Ion Ratio Lower Upper
73 100
57 20.4 16.2 24.2



#20
Methylene Chloride
Concen: 17.907 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 84 Resp: 29991
Ion Ratio Lower Upper
84 100
49 114.2 89.3 133.9
51 37.0 28.3 42.5
86 66.7 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 18.242 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

VX0801WBS01

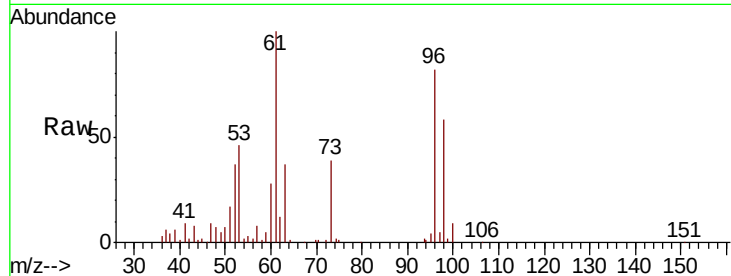
Tot Ion: 96 Resp: 28011

Ion Ratio Lower Upper

96 100

61 121.4 92.8 139.2

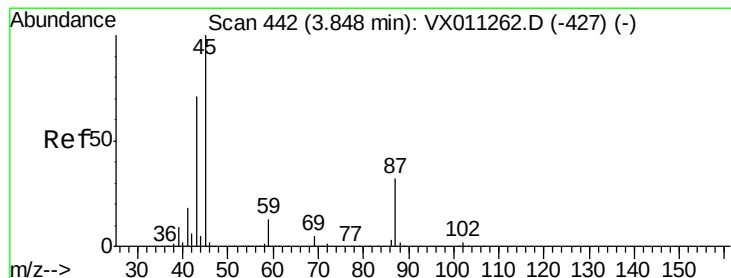
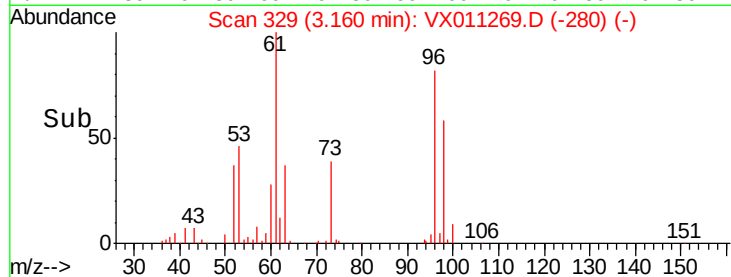
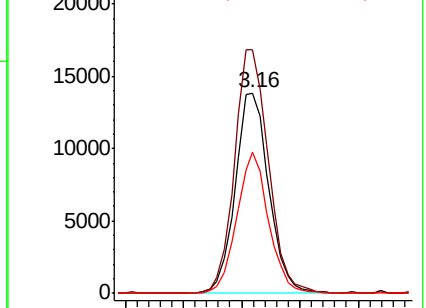
98 70.2 51.2 76.8



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



#22

Diisopropyl ether

Concen: 18.390 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Tgt Ion: 45 Resp: 78215

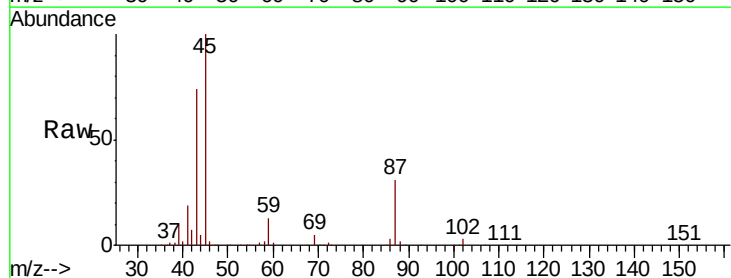
Ion Ratio Lower Upper

45 100

43 73.1 56.8 85.2

87 30.5 25.8 38.6

59 13.1 10.3 15.5

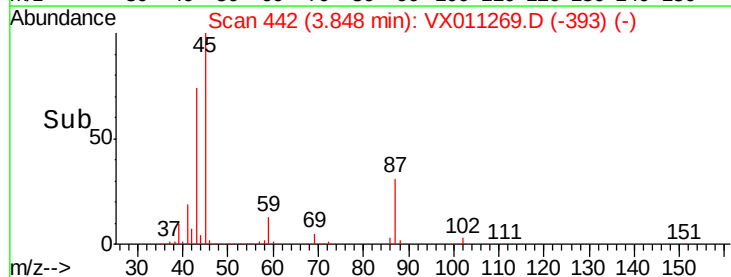
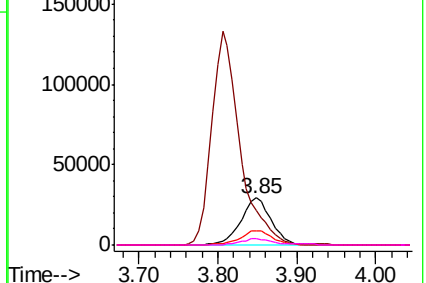


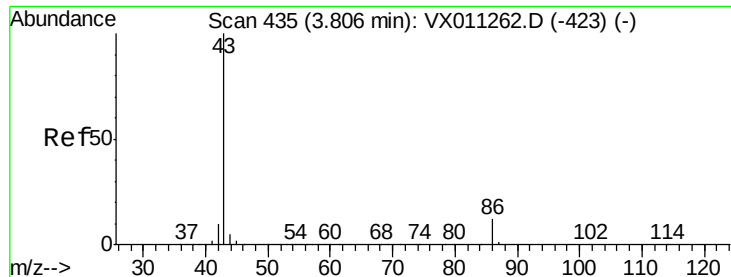
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 94.373 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

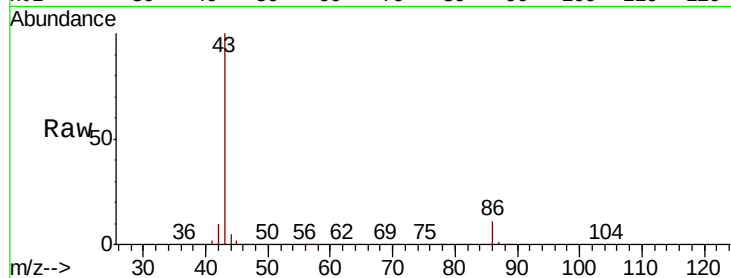
VX0801WBS01

Tot Ion: 43 Resp: 332911

Ion Ratio Lower Upper

43 100

86 11.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

150000

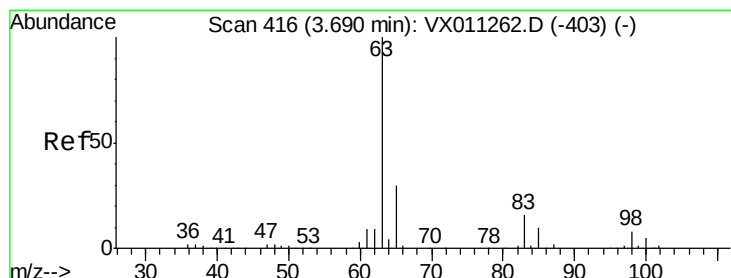
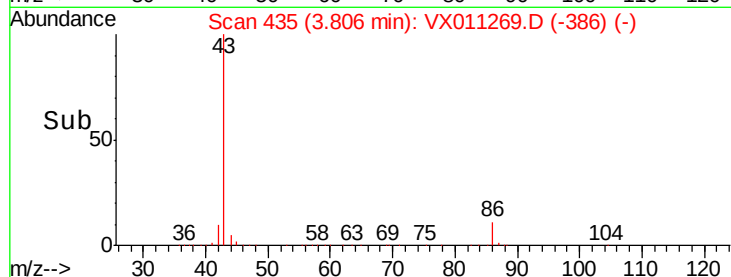
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.317 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

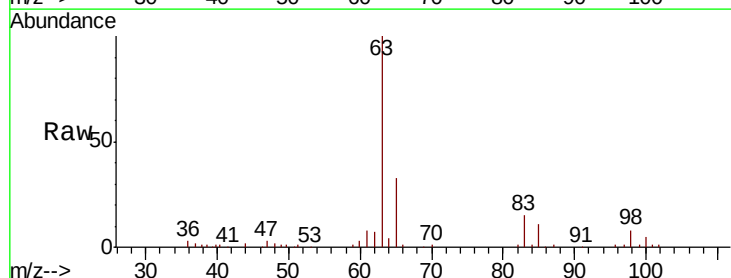
Tgt Ion: 63 Resp: 45939

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 4.7 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

15000

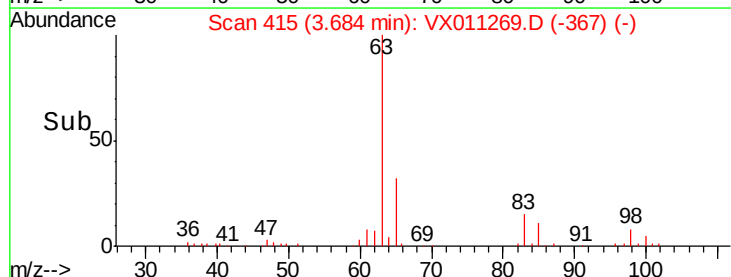
10000

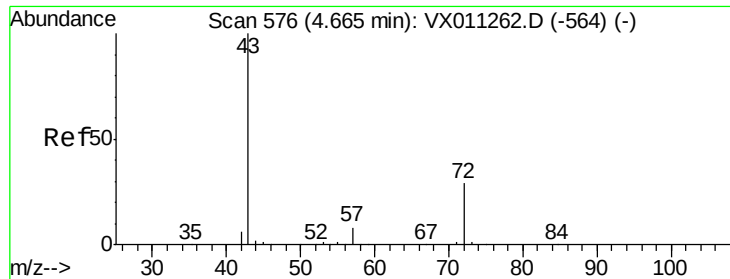
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 89.745 ug/l

RT: 4.67 min Scan# 576

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

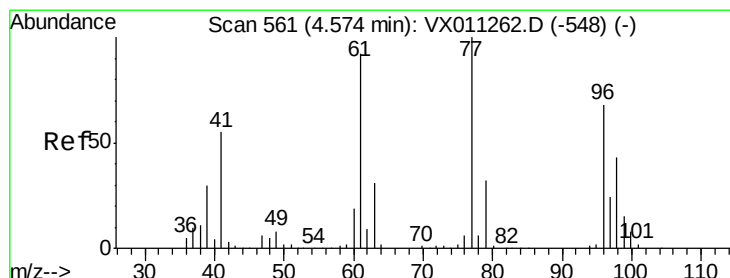
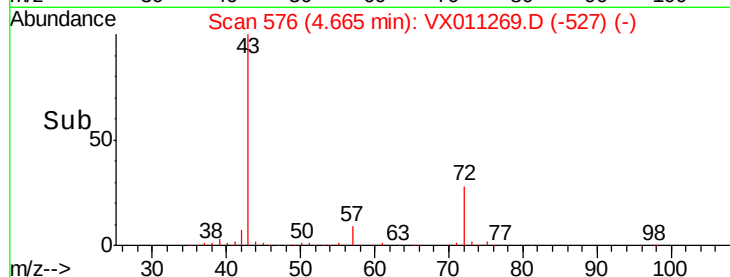
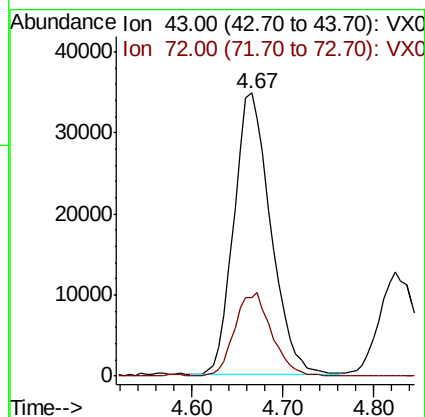
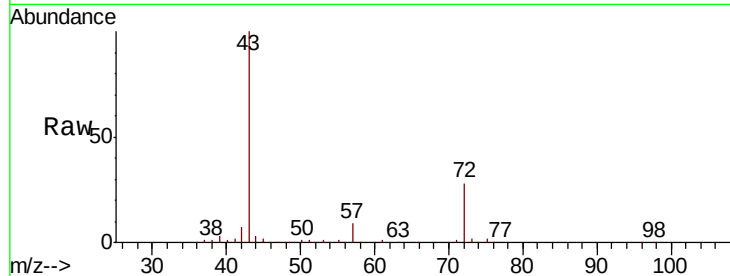
VX0801WBS01

Tot Ion: 43 Resp: 97630

Ion Ratio Lower Upper

43 100

72 27.6 23.2 34.8



#26

2,2-Dichloropropane

Concen: 16.555 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011269.D

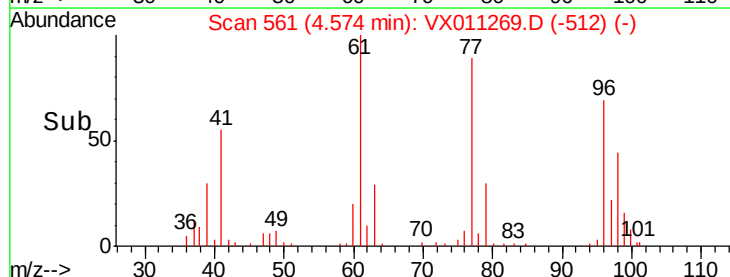
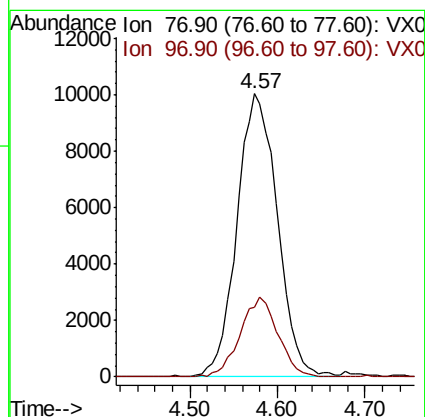
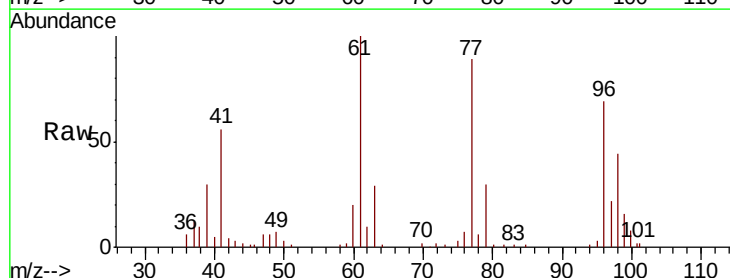
Acq: 01 Aug 2019 19:43

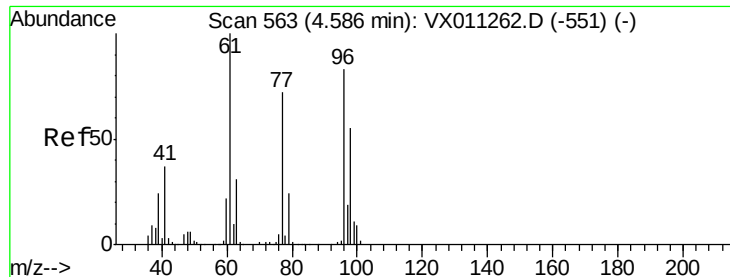
Tgt Ion: 77 Resp: 32274

Ion Ratio Lower Upper

77 100

97 26.2 12.8 38.4



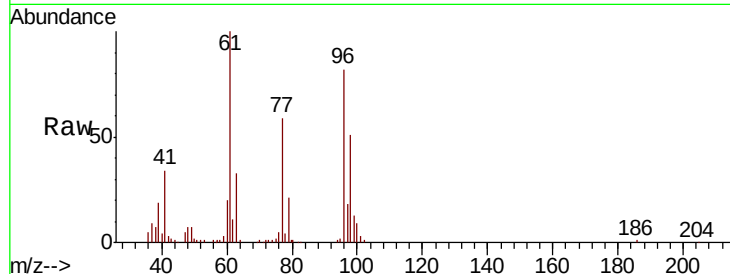


#27

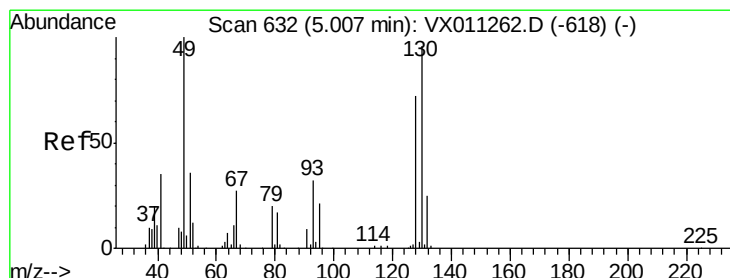
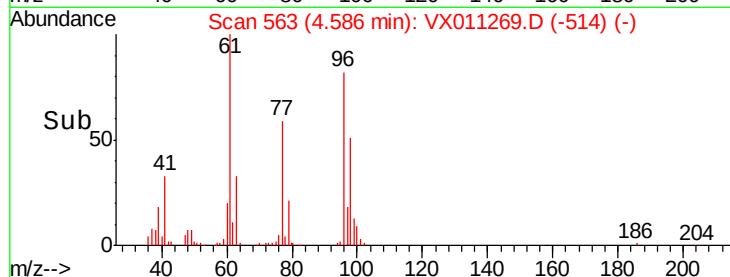
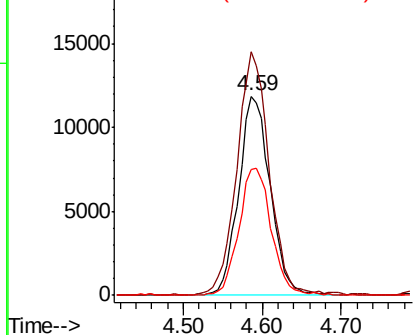
cis-1,2-Dichloroethene
 Concen: 18.655 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Tot Ion: 96 Resp: 32994
 Ion Ratio Lower Upper
 96 100
 61 126.0 0.0 260.2
 98 65.7 0.0 133.2



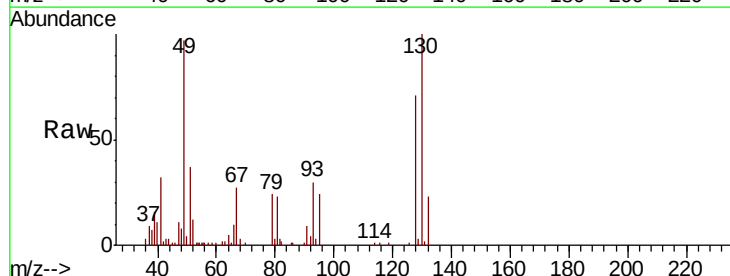
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



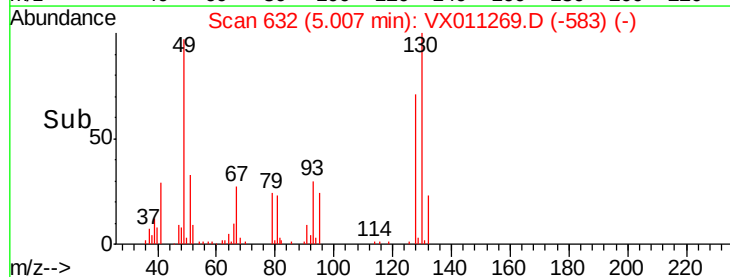
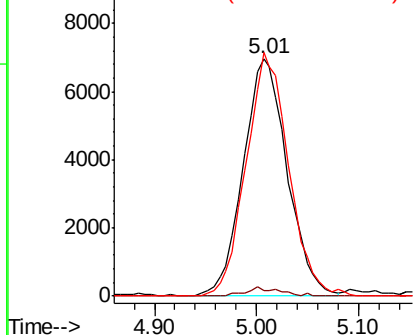
#28

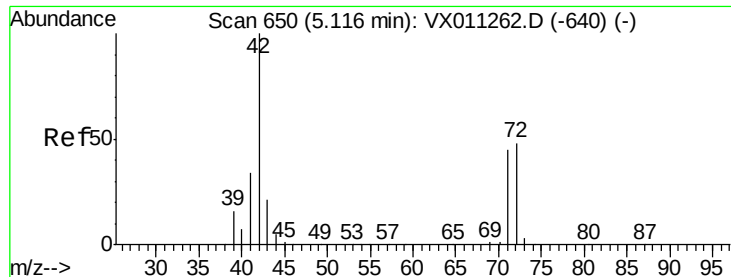
Bromochloromethane
 Concen: 18.276 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion: 49 Resp: 20896
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.8
 130 99.1 77.9 116.9



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: 92.127 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

VX0801WBS01

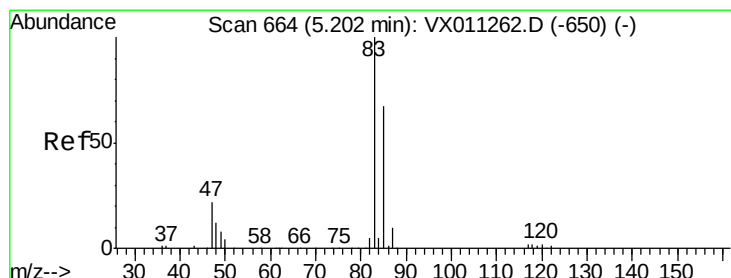
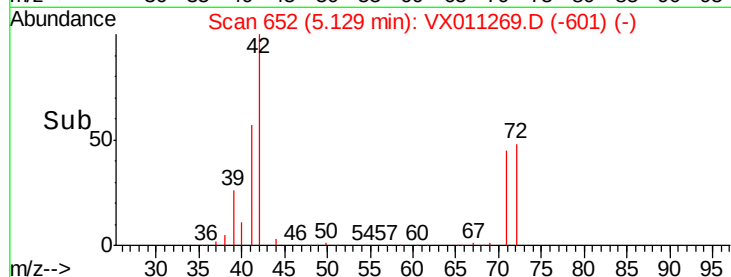
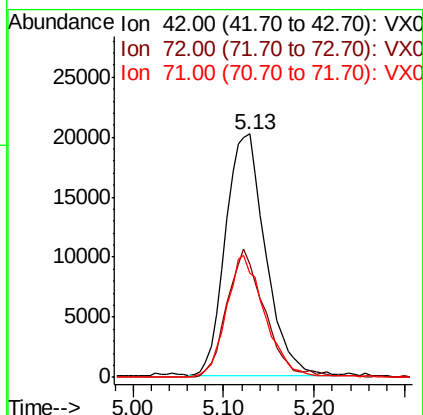
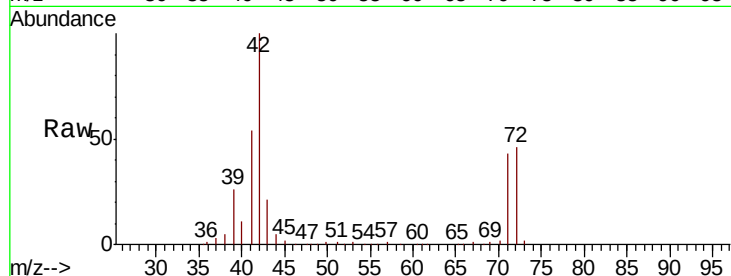
Tot Ion: 42 Resp: 61451

Ion Ratio Lower Upper

42 100

72 50.4 39.9 59.9

71 48.5 36.9 55.3



#30

Chloroform

Concen: 18.322 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.01 min

Lab File: VX011269.D

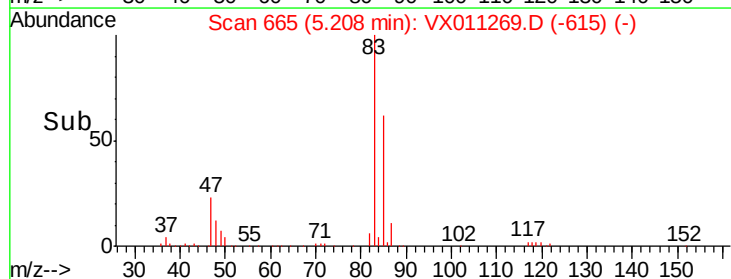
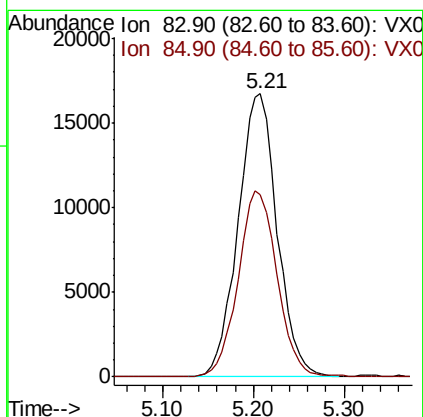
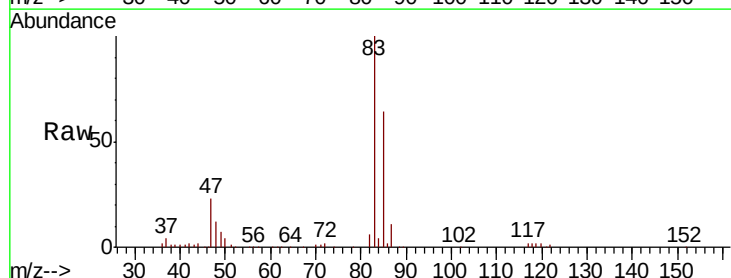
Acq: 01 Aug 2019 19:43

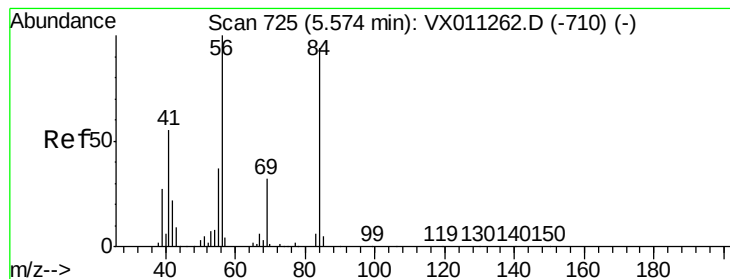
Tgt Ion: 83 Resp: 49942

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.0





#31

Cyclohexane

Concen: 18.541 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

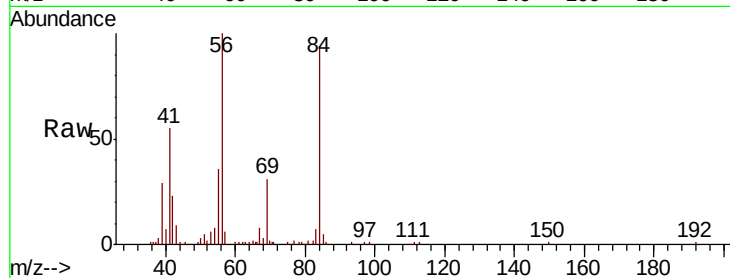
Tot Ion: 56 Resp: 38362

Ion Ratio Lower Upper

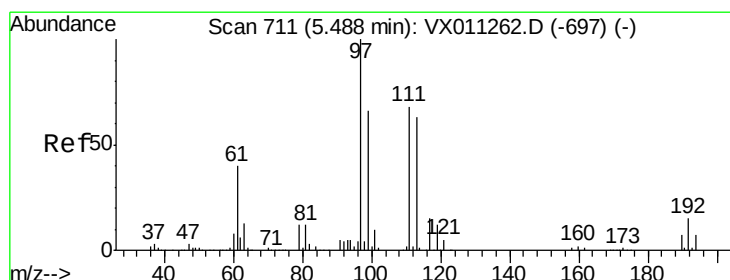
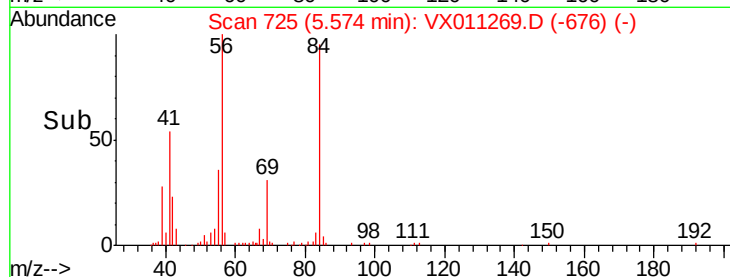
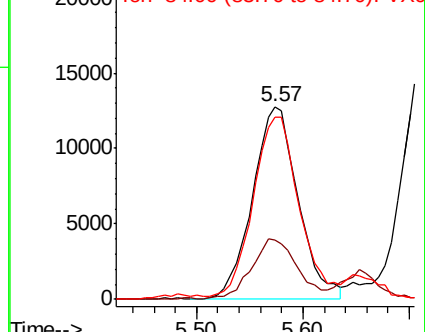
56 100

69 30.3 25.5 38.3

84 92.5 75.0 112.4



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



#32

1,1,1-Trichloroethane

Concen: 18.091 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

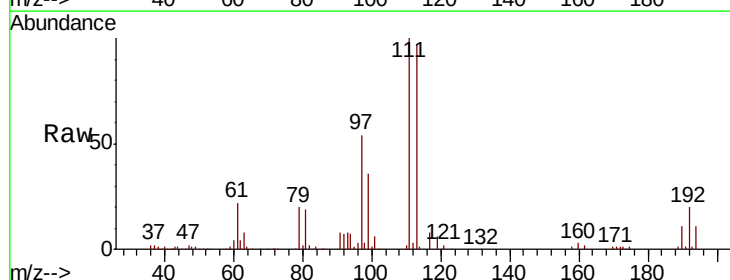
Tgt Ion: 97 Resp: 42243

Ion Ratio Lower Upper

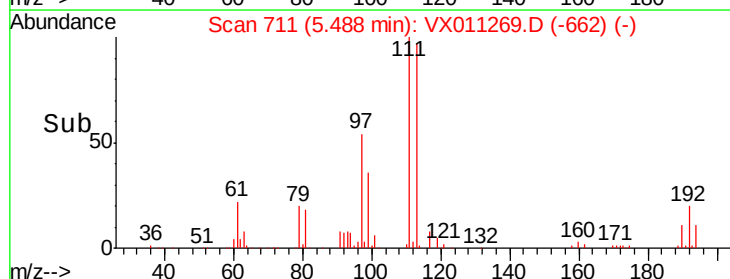
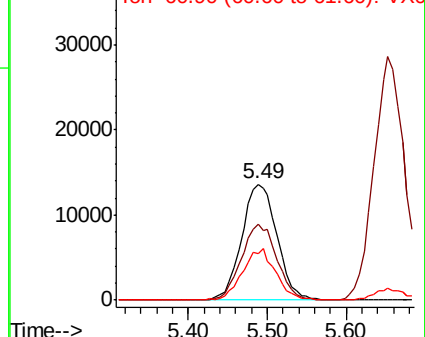
97 100

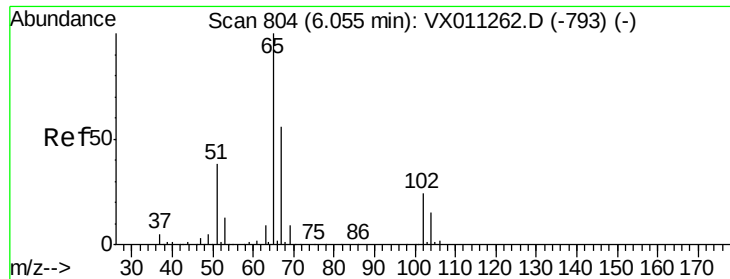
99 65.8 51.6 77.4

61 41.8 32.3 48.5



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

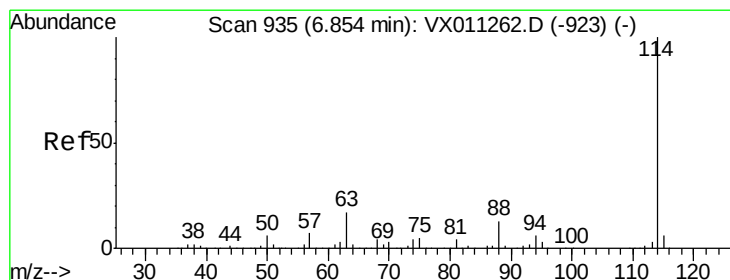
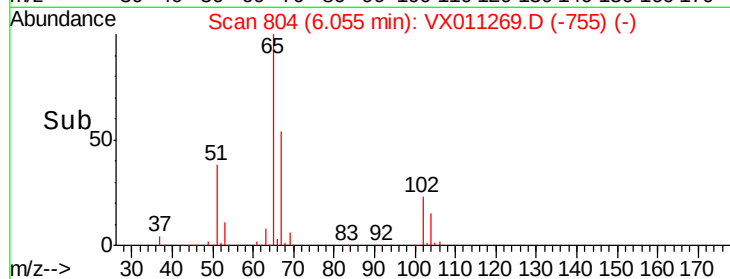
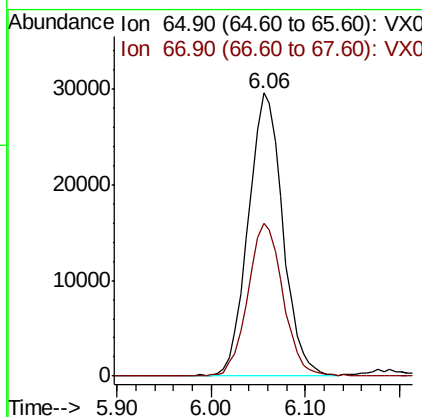
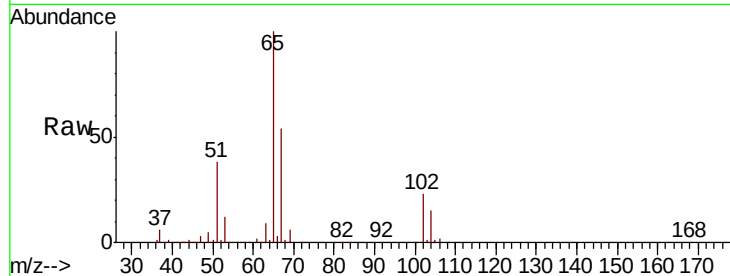




#33
 1,2-Dichloroethane-d4
 Concen: 47.213 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

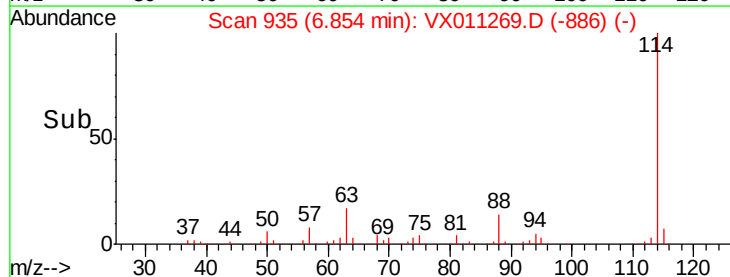
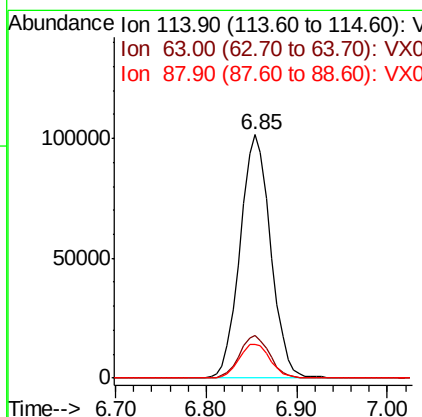
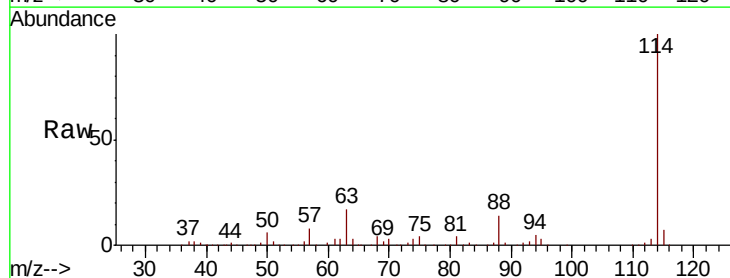
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

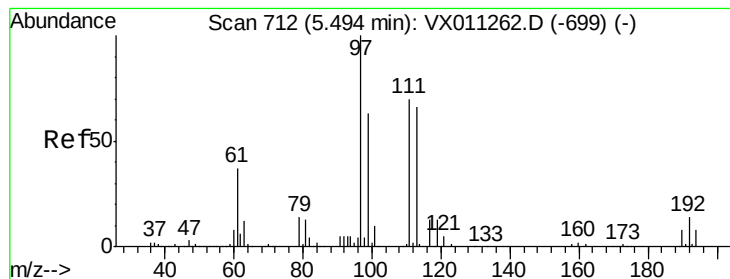
Tot Ion: 65 Resp: 75857
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion: 114 Resp: 237024
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 34.0
 88 14.1 0.0 26.4





#35

Dibromofluoromethane

Concen: 47.003 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

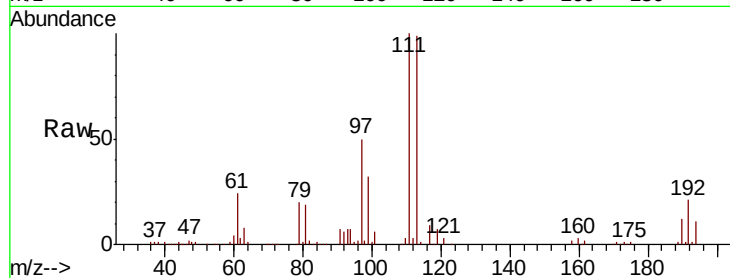
Tot Ion:113 Resp: 72736

Ion Ratio Lower Upper

113 100

111 100.6 81.9 122.9

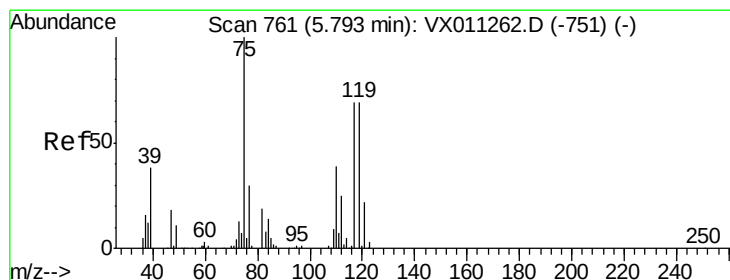
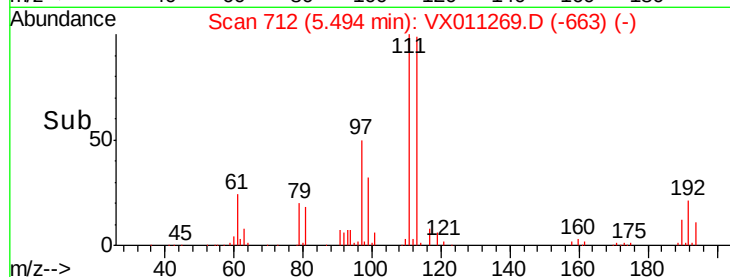
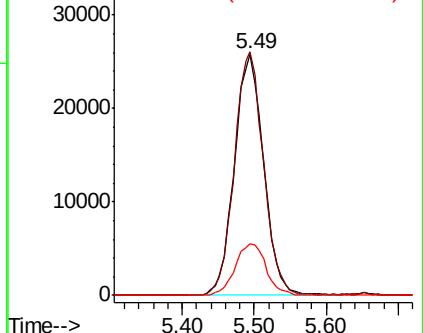
192 22.3 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.443 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

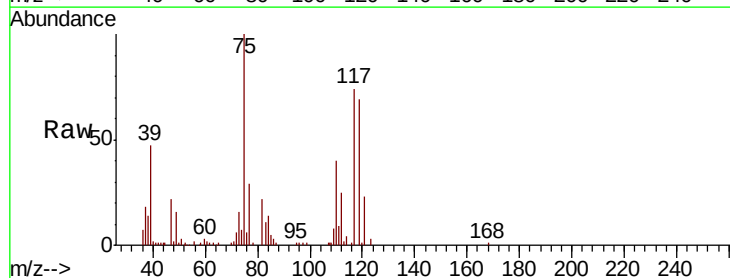
Tgt Ion: 75 Resp: 36097

Ion Ratio Lower Upper

75 100

110 40.8 20.0 59.9

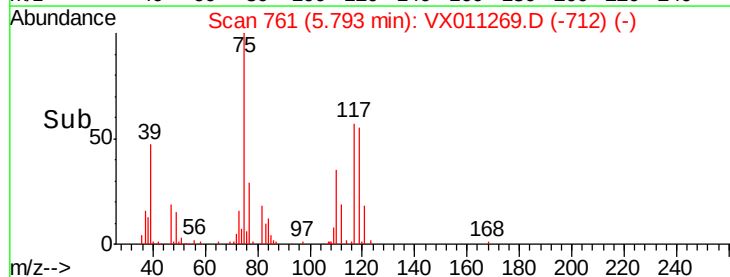
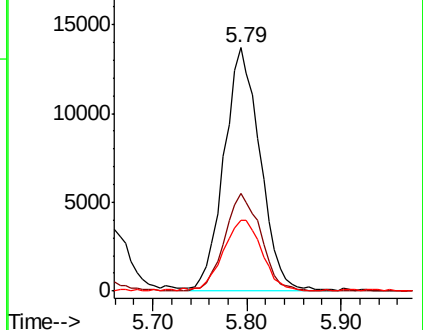
77 32.0 24.8 37.2

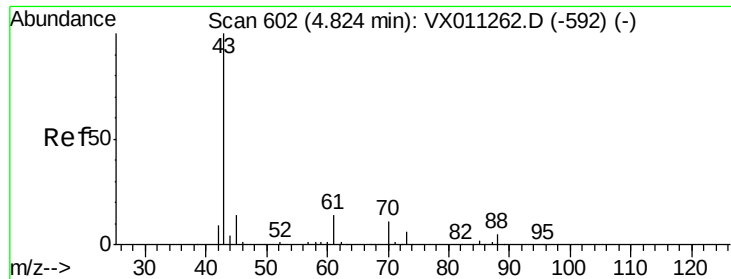


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

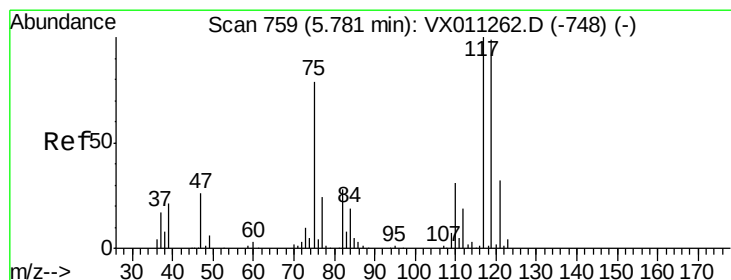
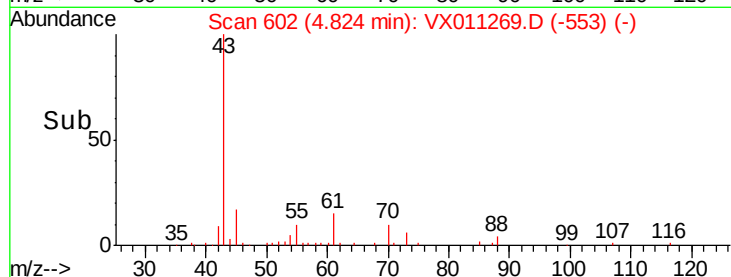
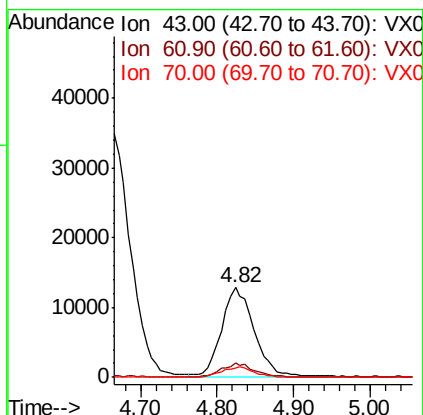
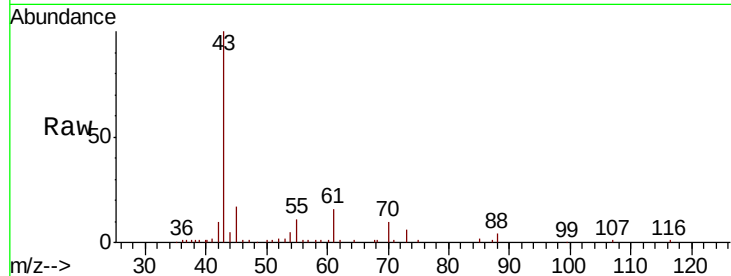




#37
Ethyl Acetate
Concen: 17.993 ug/l
RT: 4.82 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

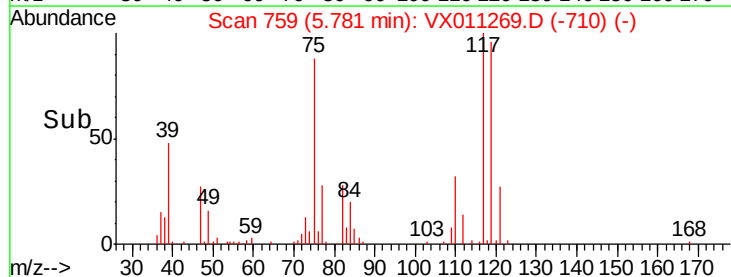
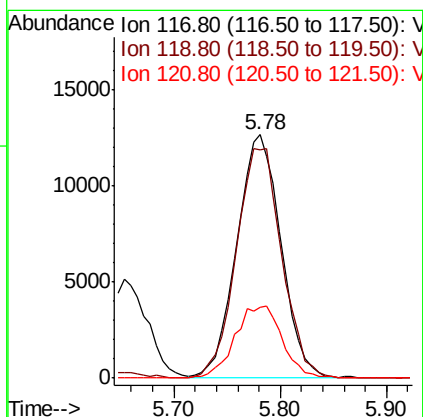
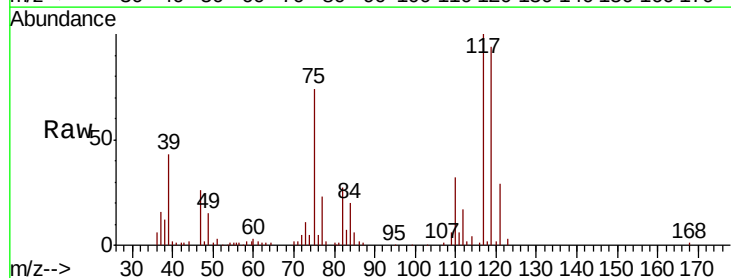
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

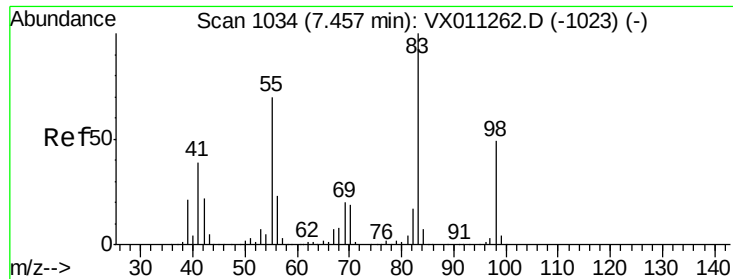
Tot Ion: 43 Resp: 37350
Ion Ratio Lower Upper
43 100
61 15.9 12.6 18.8
70 12.1 9.1 13.7



#38
Carbon Tetrachloride
Concen: 17.738 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 117 Resp: 36931
Ion Ratio Lower Upper
117 100
119 94.0 79.0 118.4
121 28.9 25.9 38.9

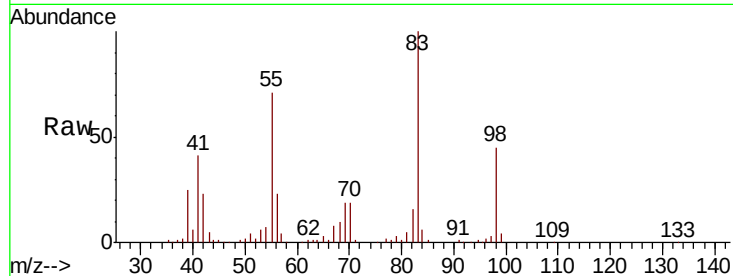




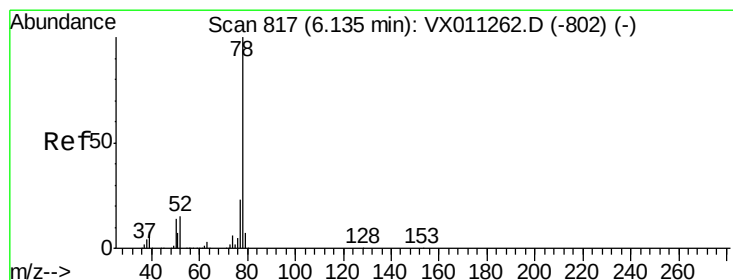
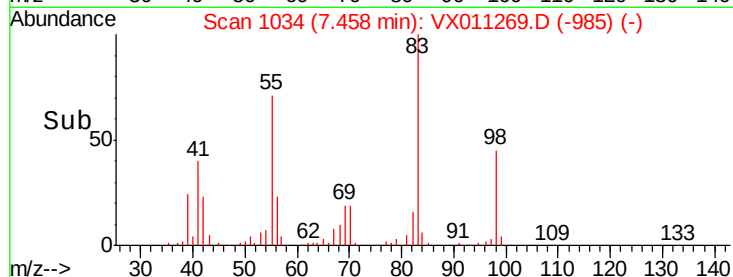
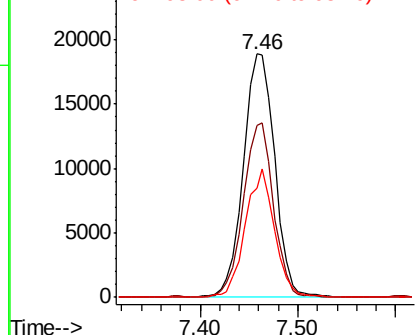
#39
Methylvlcyclohexane
Concen: 17.136 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampled :
VX0801WBS01

Tot Ion: 83 Resp: 42034
Ion Ratio Lower Upper
83 100
55 70.8 56.1 84.1
98 44.6 39.0 58.4

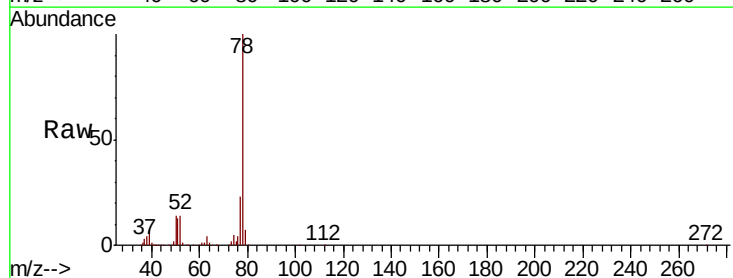


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

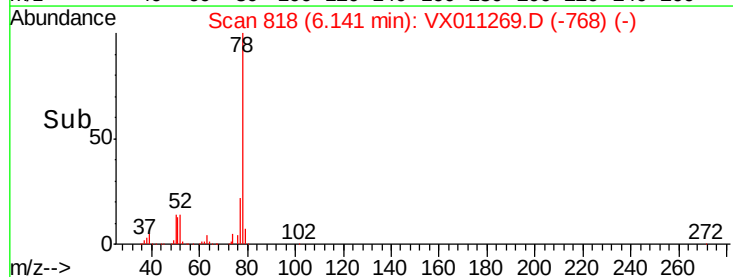
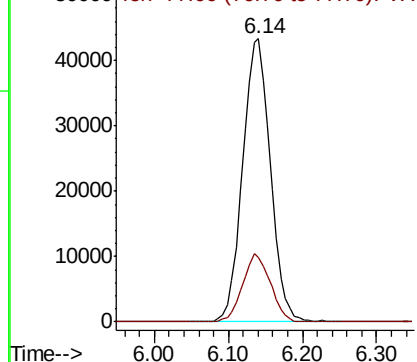


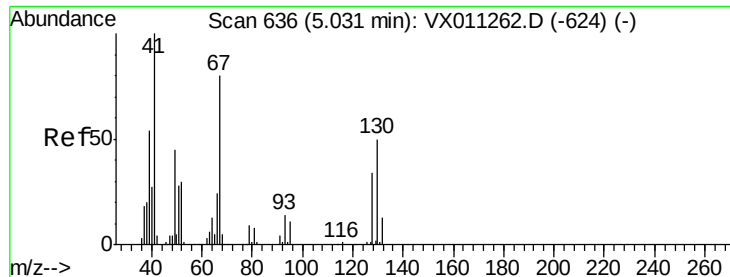
#40
Benzene
Concen: 18.374 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.01 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 78 Resp: 113464
Ion Ratio Lower Upper
78 100
77 22.8 18.2 27.2



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

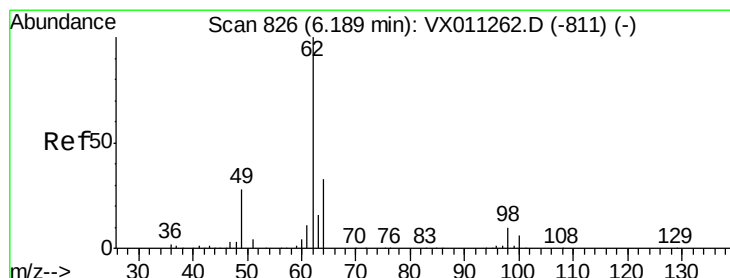
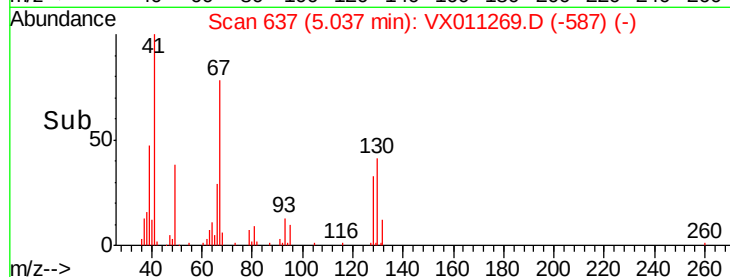
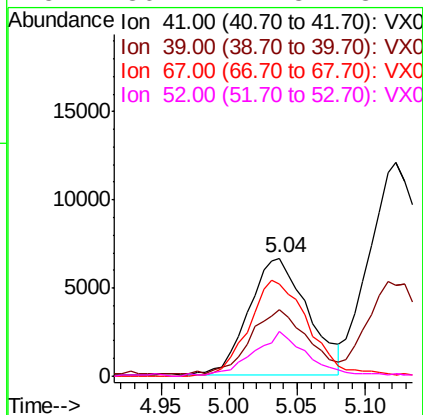
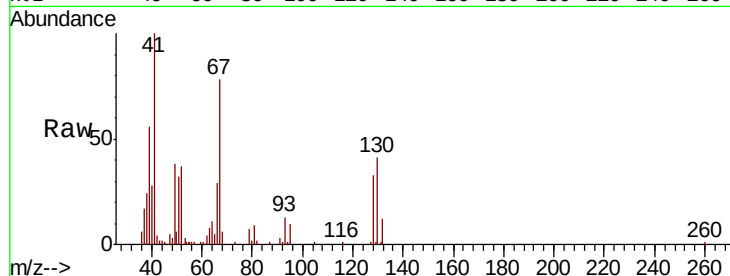




#41
Methacrylonitrile
Concen: 17.617 ug/l
RT: 5.04 min Scan# 637
Delta R.T. 0.01 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

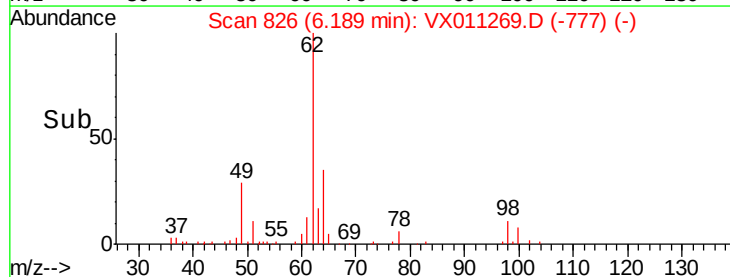
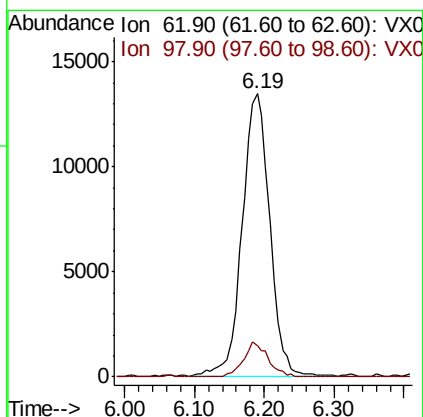
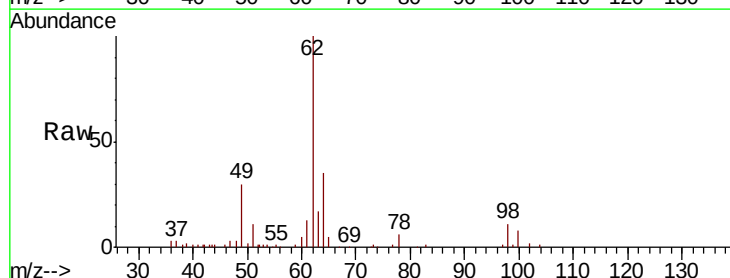
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

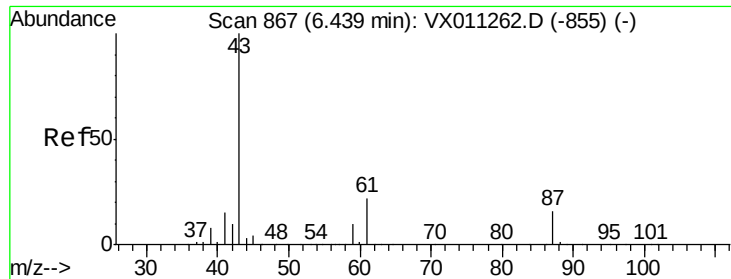
Tot Ion:	41	Resp:	19972
Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.0	64.6
67	83.4	65.1	97.7
52	36.4	24.8	37.2



#42
1,2-Dichloroethane
Concen: 17.773 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion:	62	Resp:	37113
Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	20.6





#43

Isopropyl Acetate

Concen: 17.568 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

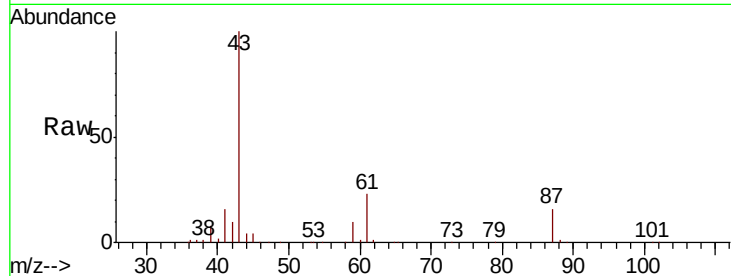
Tot Ion: 43 Resp: 58302

Ion Ratio Lower Upper

43 100

61 22.5 16.5 24.7

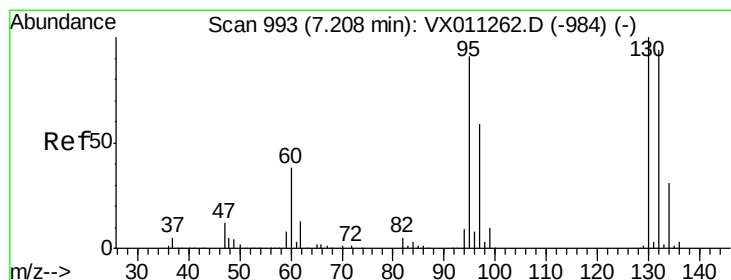
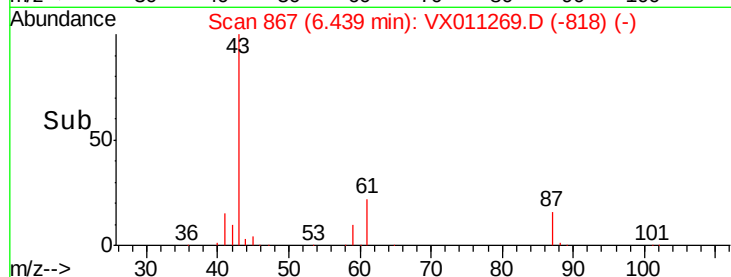
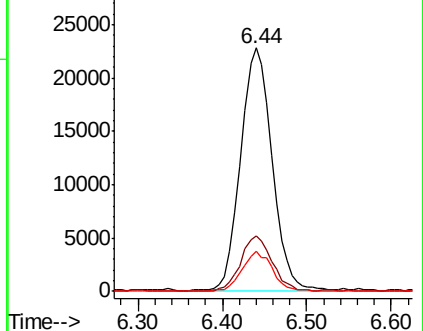
87 15.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.840 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX011269.D

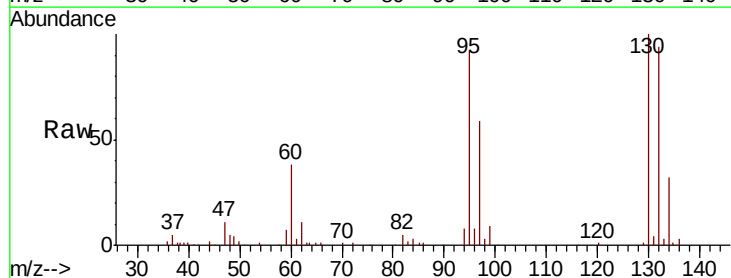
Acq: 01 Aug 2019 19:43

Tgt Ion:130 Resp: 33347

Ion Ratio Lower Upper

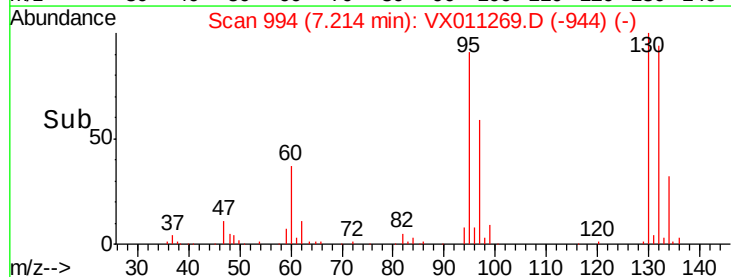
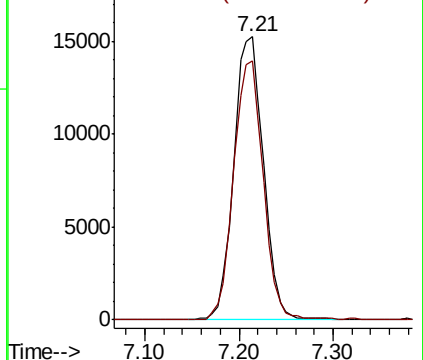
130 100

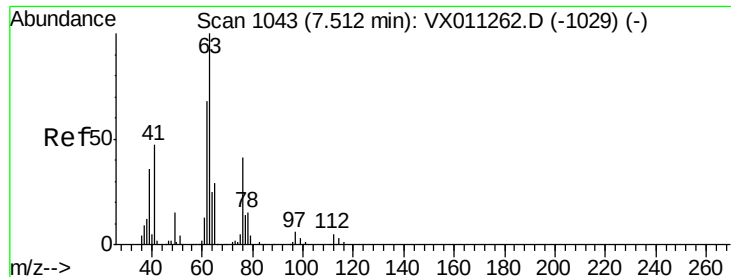
95 91.7 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 17.796 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

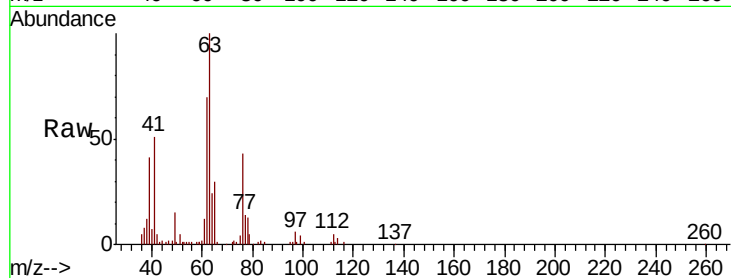
VX0801WBS01

Tot Ion: 63 Resp: 28461

Ion Ratio Lower Upper

63 100

65 29.8 23.3 34.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

15000

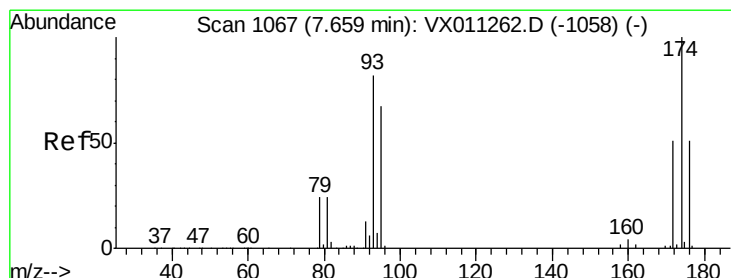
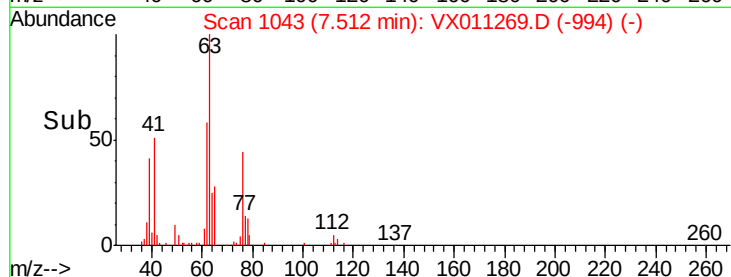
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 17.635 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

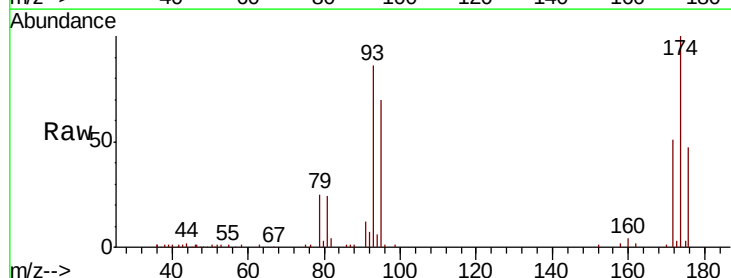
Tgt Ion: 93 Resp: 20589

Ion Ratio Lower Upper

93 100

95 83.5 66.4 99.6

174 118.1 93.4 140.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

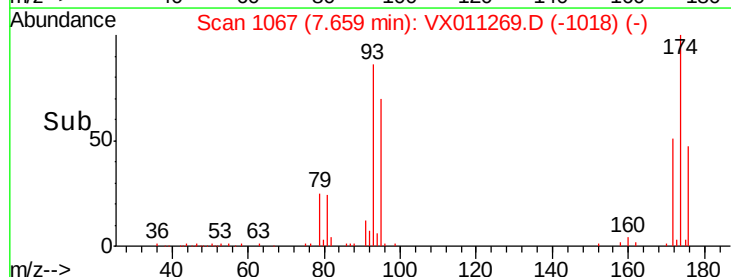
10000

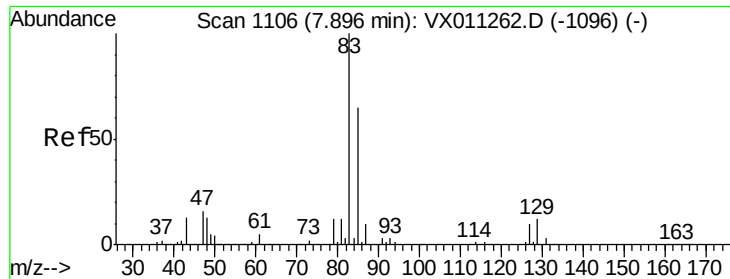
5000

0

Time-->

7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 17.422 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

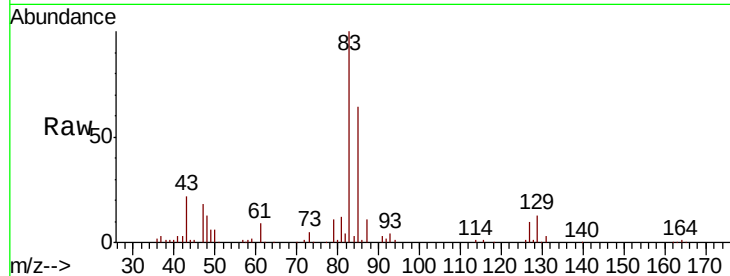
Tot Ion: 83 Resp: 34439

Ion Ratio Lower Upper

83 100

85 63.6 52.2 78.2

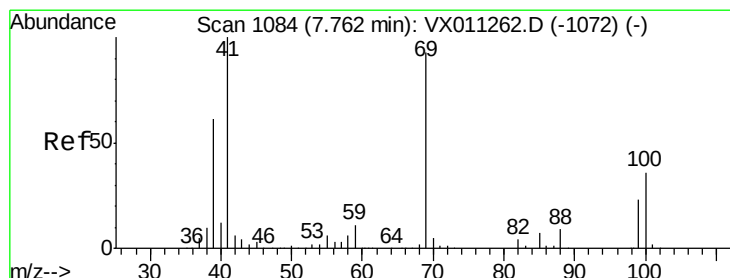
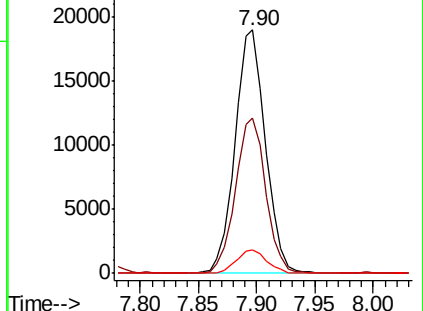
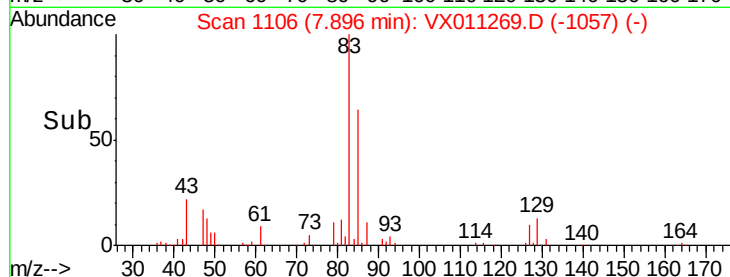
127 9.9 7.8 11.8



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: 17.723 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

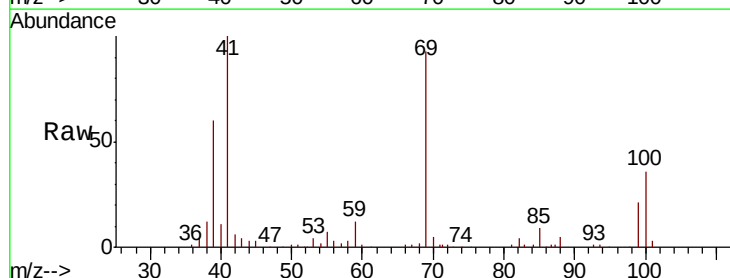
Tgt Ion: 41 Resp: 27681

Ion Ratio Lower Upper

41 100

69 94.4 74.5 111.7

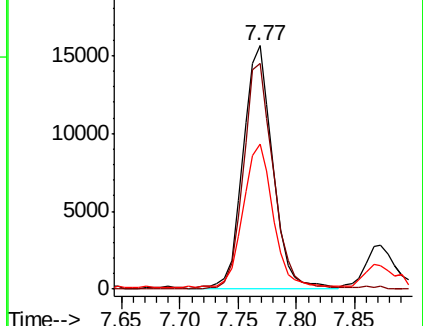
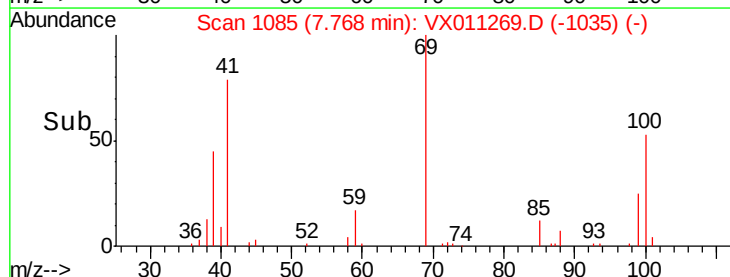
39 59.8 48.6 72.8

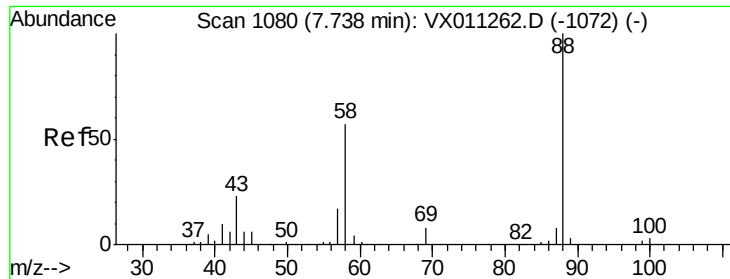


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

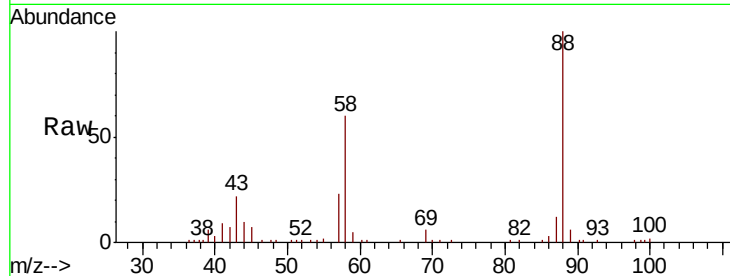




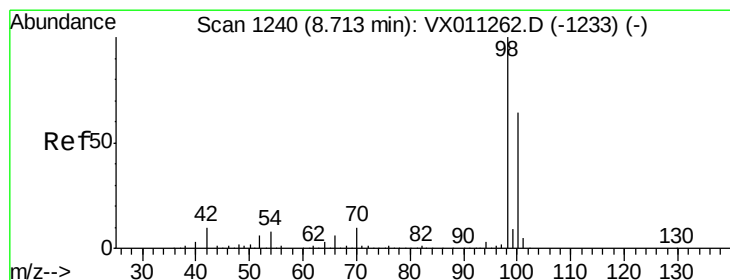
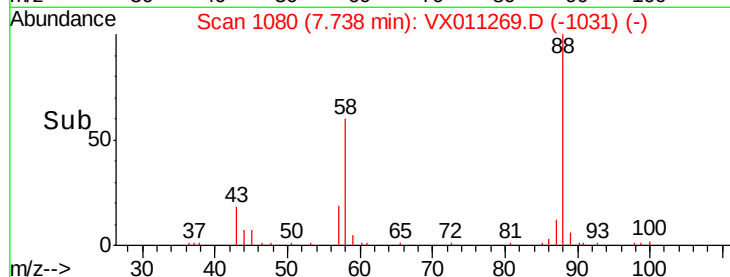
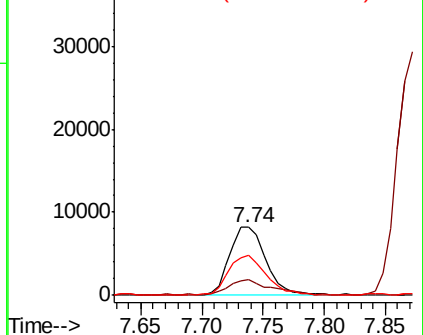
#49
1,4-Dioxane
Concen: 375.295 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

Tot Ion: 88 Resp: 16993
Ion Ratio Lower Upper
88 100
43 26.0 22.2 33.2
58 62.2 47.8 71.8

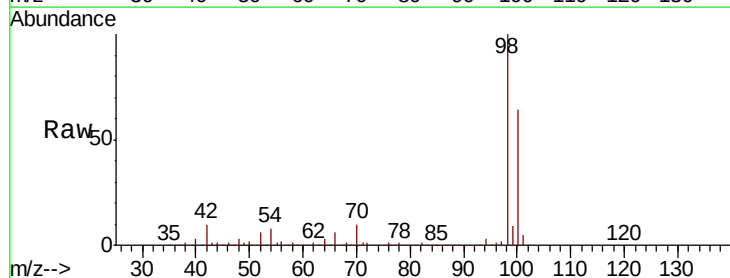


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

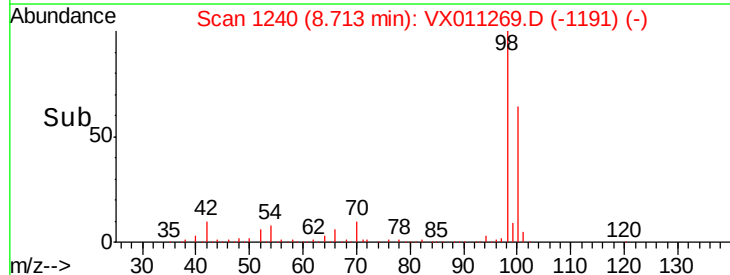
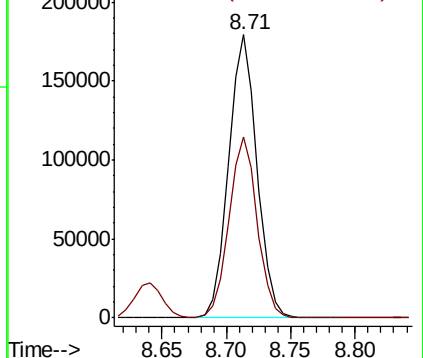


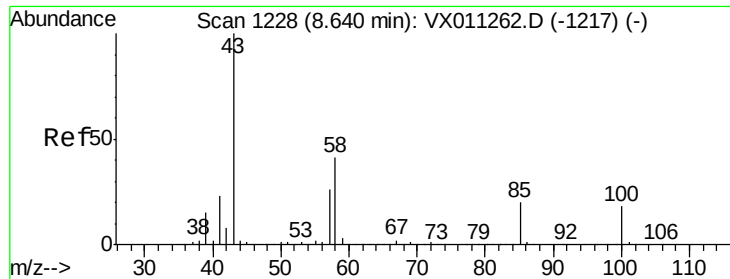
#50
Toluene-d8
Concen: 47.256 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 98 Resp: 276037
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 92.924 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

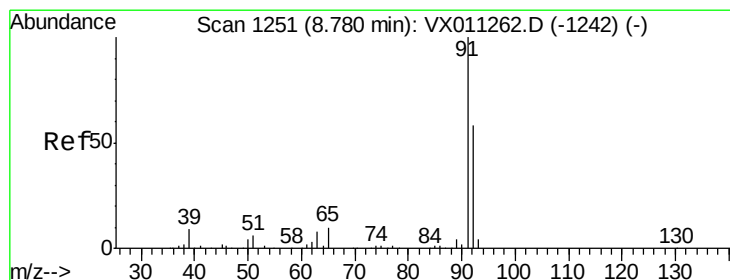
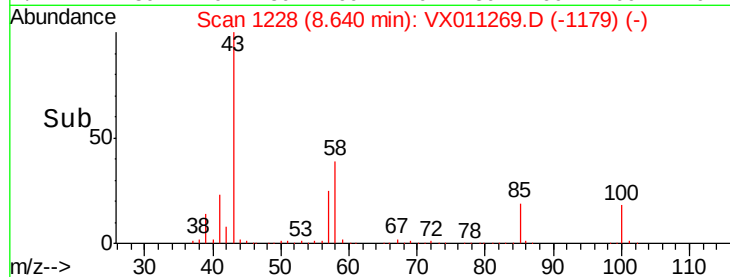
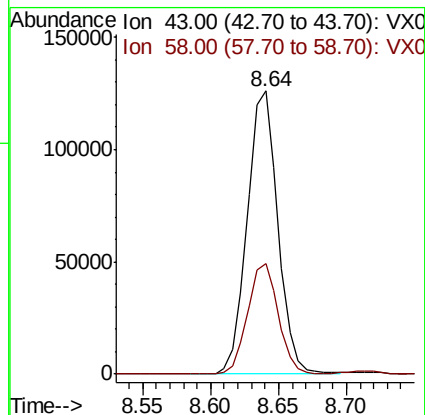
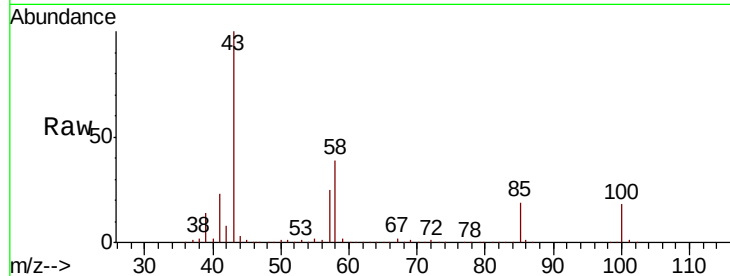
VX0801WBS01

Tot Ion: 43 Resp: 199024

Ion Ratio Lower Upper

43 100

58 39.3 32.3 48.5



#52

Toluene

Concen: 17.947 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011269.D

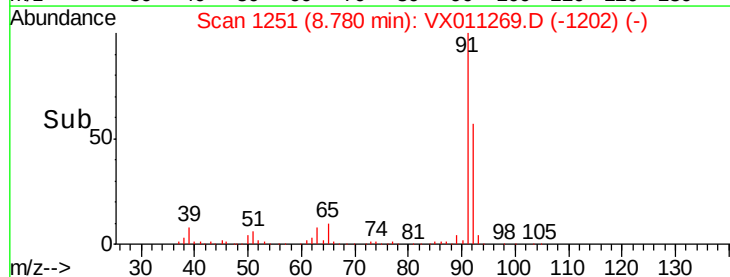
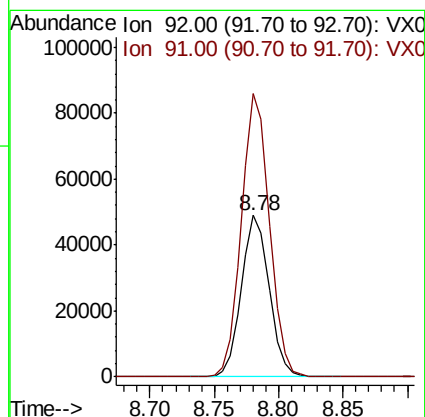
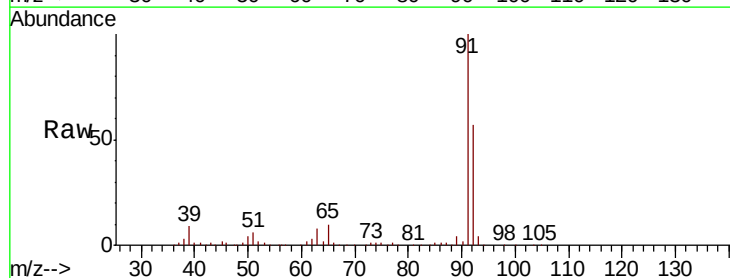
Acq: 01 Aug 2019 19:43

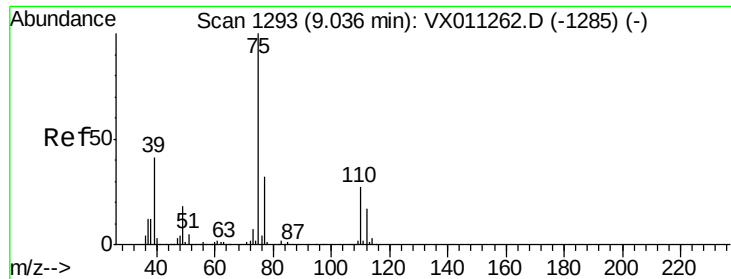
Tgt Ion: 92 Resp: 73276

Ion Ratio Lower Upper

92 100

91 176.5 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 17.097 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

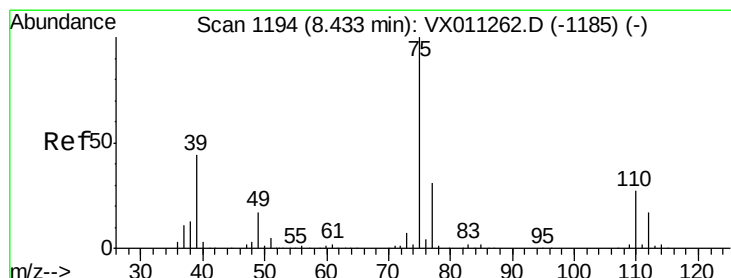
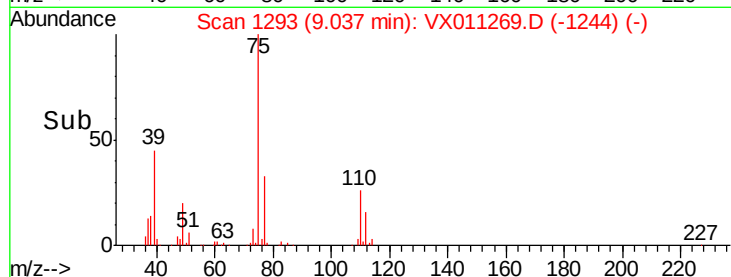
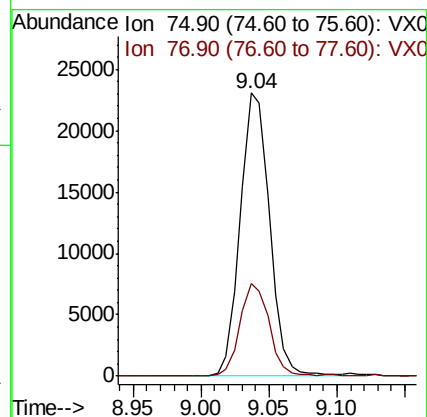
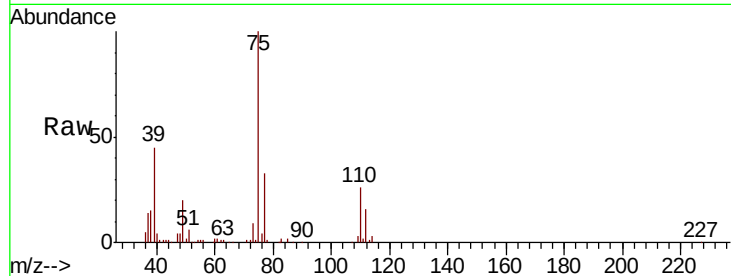
VX0801WBS01

Tot Ion: 75 Resp: 34799

Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 17.425 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

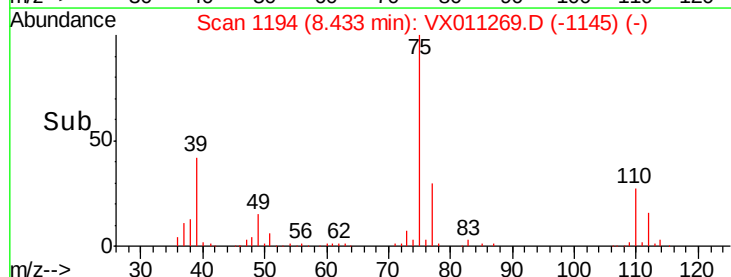
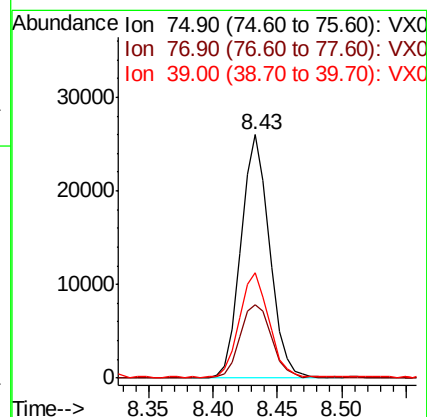
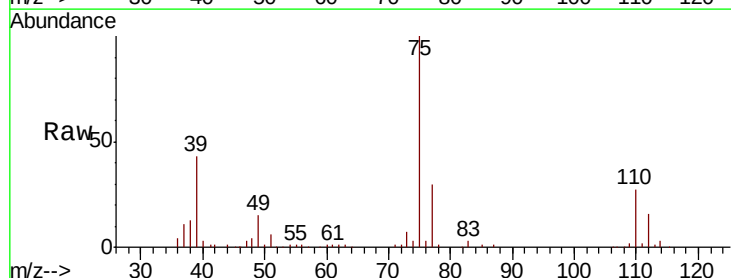
Tgt Ion: 75 Resp: 40234

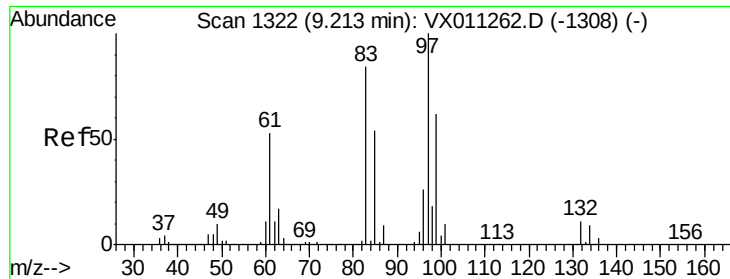
Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.6

39 42.5 35.3 52.9

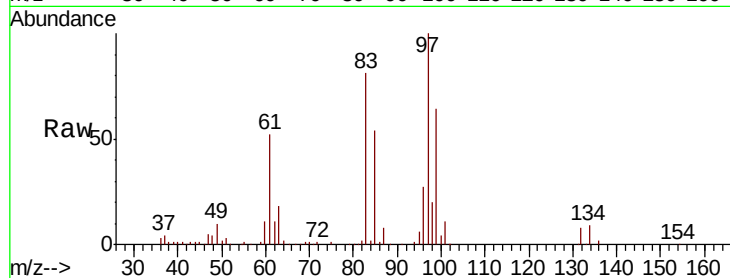




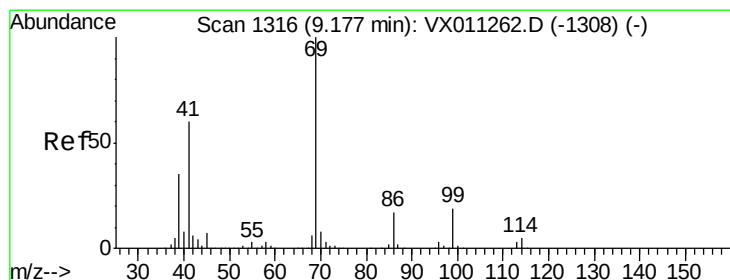
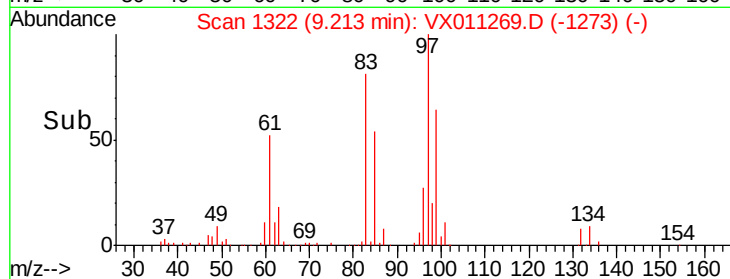
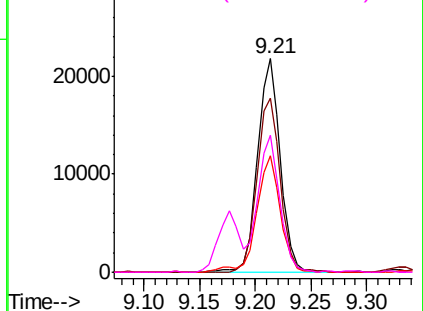
#55
 1,1,2-Trichloroethane
 Concen: 18.448 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Tot Ion:	97	Resp:	30970
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.6	101.4
85	54.5	43.4	65.0
99	64.0	49.6	74.4

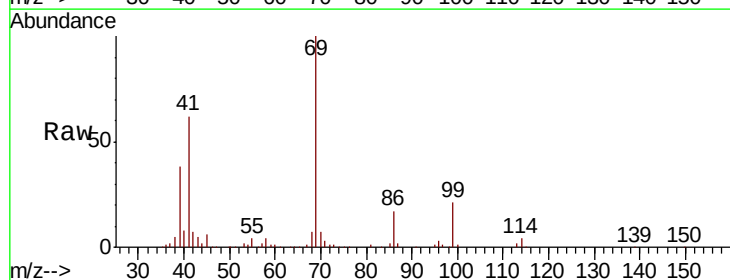


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

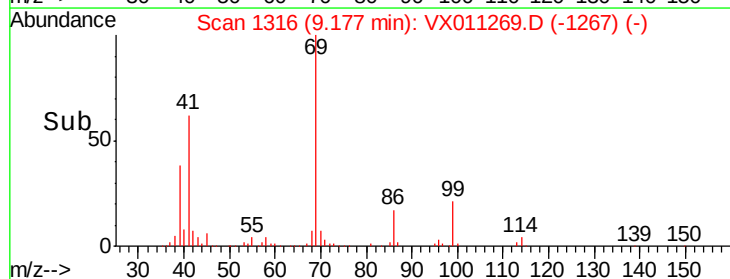
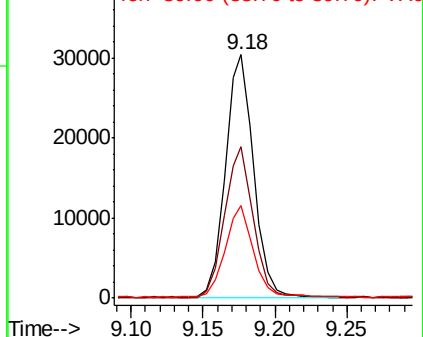


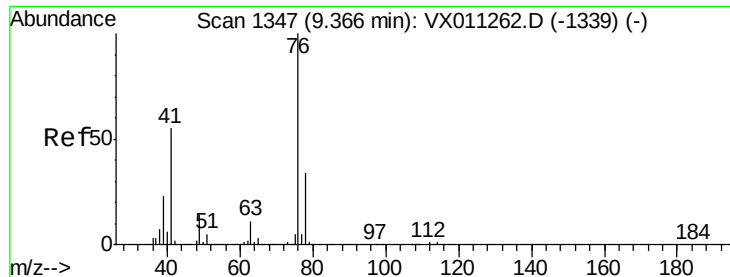
#56
 Ethyl methacrylate
 Concen: 17.630 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion:	69	Resp:	42176
Ion	Ratio	Lower	Upper
69	100		
41	64.0	48.6	73.0
39	37.7	29.4	44.2



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





#57

1,3-Dichloropropane

Concen: 18.239 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

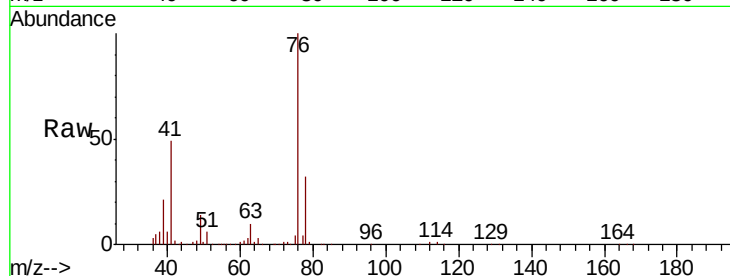
VX0801WBS01

Tot Ion: 76 Resp: 48423

Ion Ratio Lower Upper

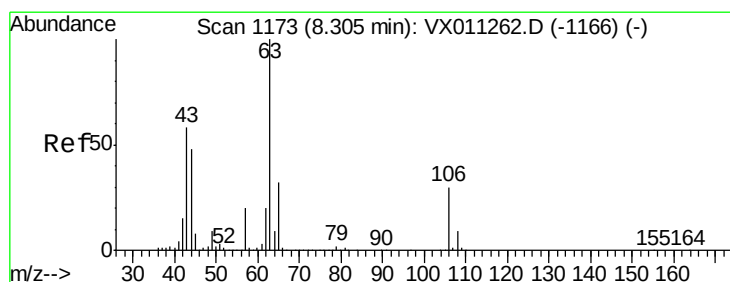
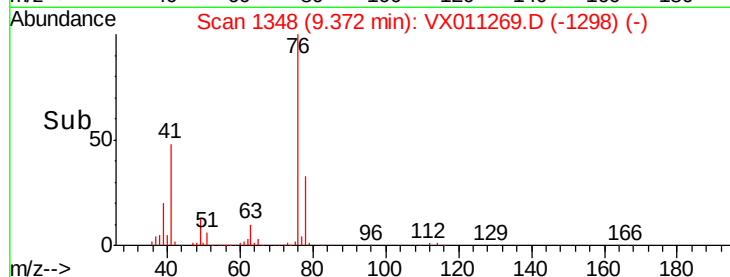
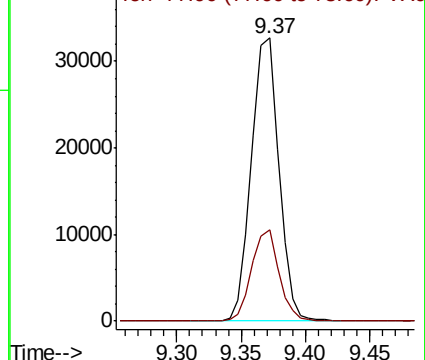
76 100

78 32.0 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.868 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. 0.00 min

Lab File: VX011269.D

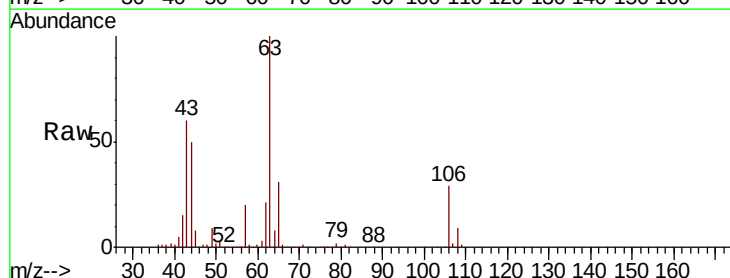
Acq: 01 Aug 2019 19:43

Tgt Ion: 63 Resp: 108062

Ion Ratio Lower Upper

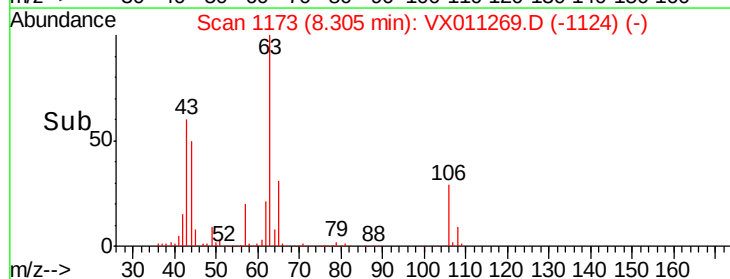
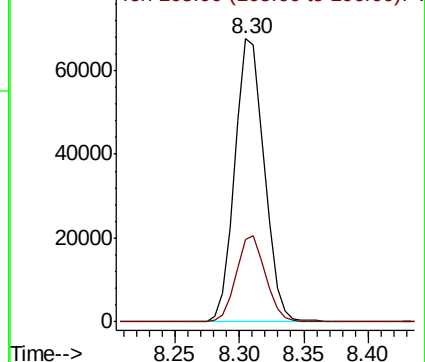
63 100

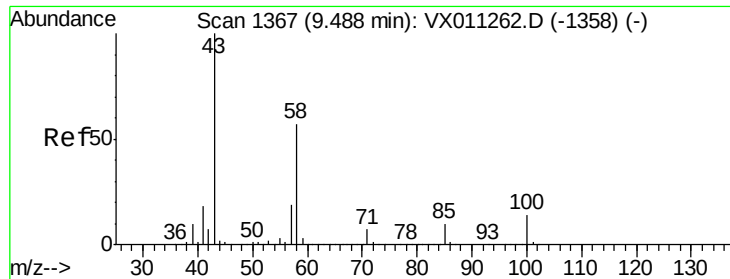
106 30.2 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

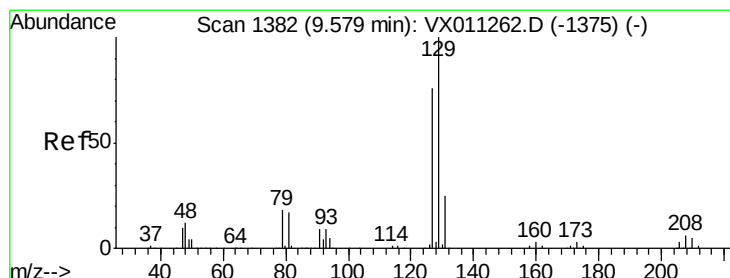
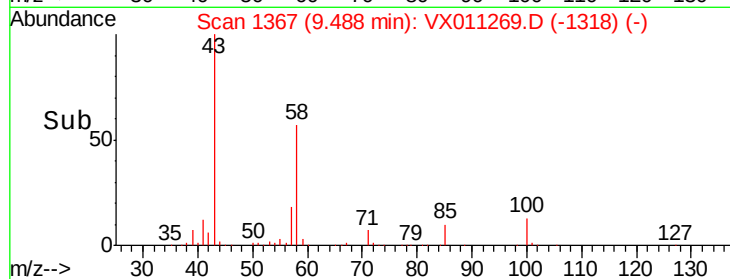
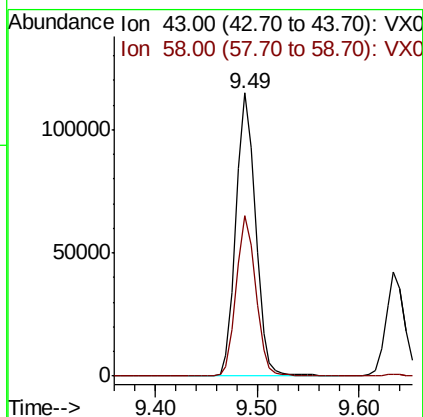
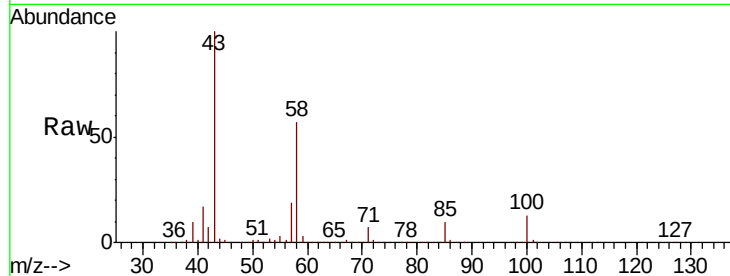




#59
2-Hexanone
Concen: 91.843 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

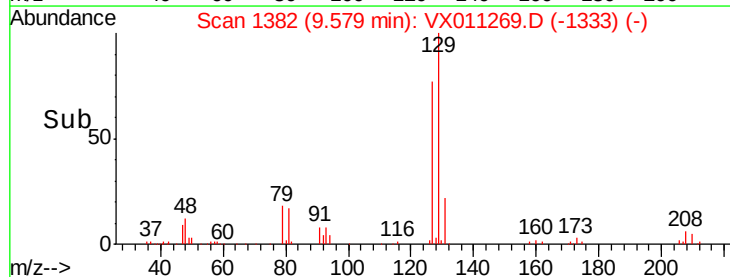
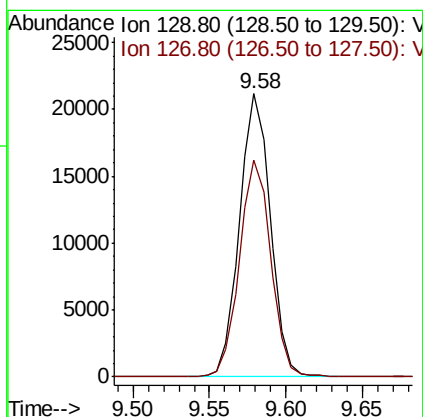
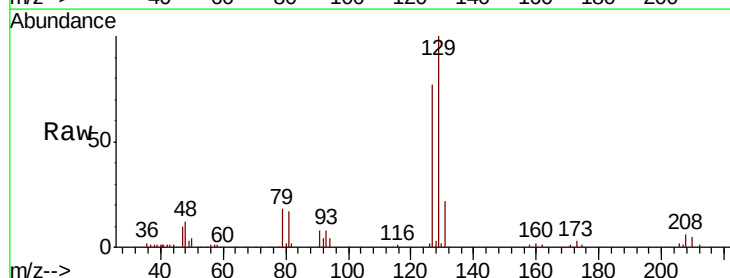
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

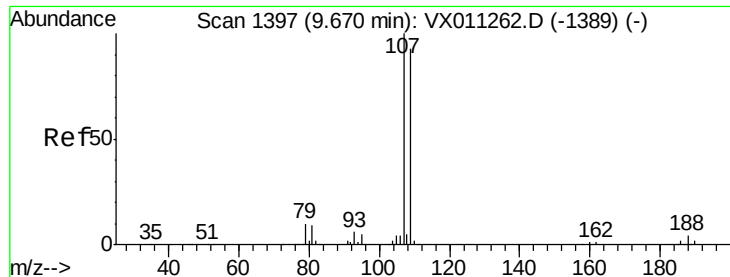
Tot Ion: 43 Resp: 152363
Ion Ratio Lower Upper
43 100
58 55.9 28.2 84.6



#60
Dibromochloromethane
Concen: 17.280 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 129 Resp: 29700
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.098 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

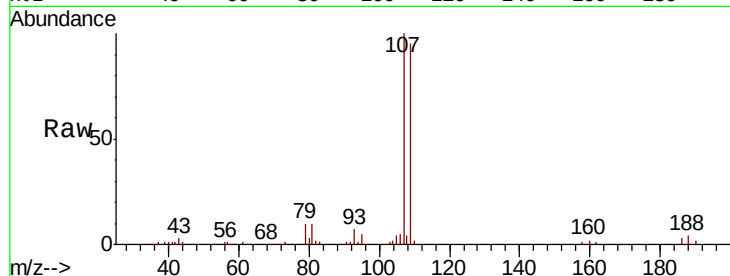
VX0801WBS01

Tot Ion:107 Resp: 32824

Ion Ratio Lower Upper

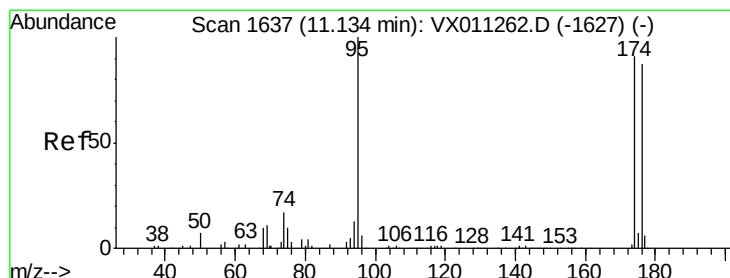
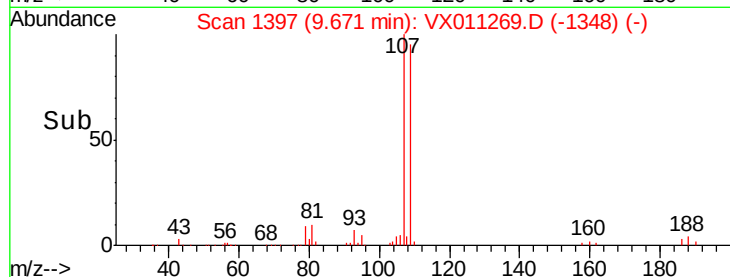
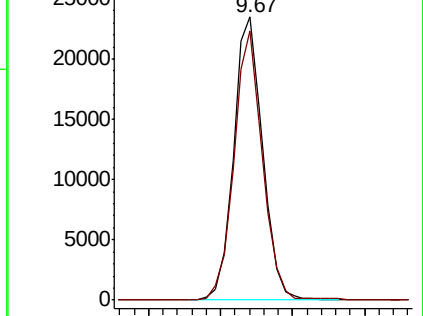
107 100

109 93.9 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.298 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

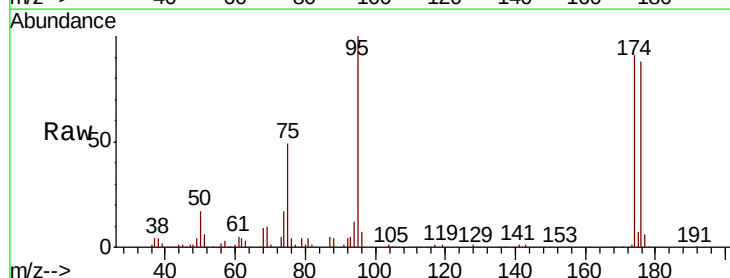
Tgt Ion: 95 Resp: 94468

Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.2

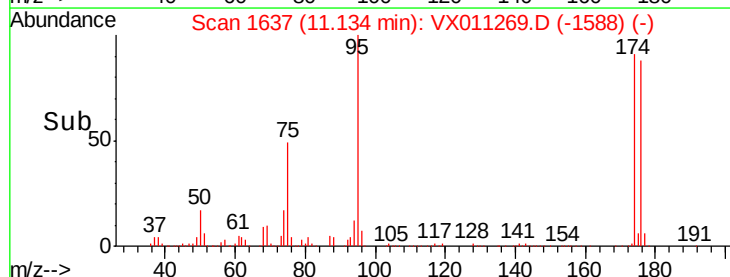
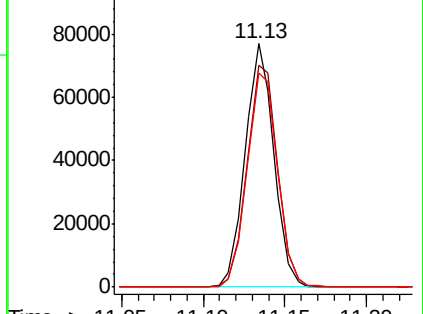
176 93.5 0.0 184.8

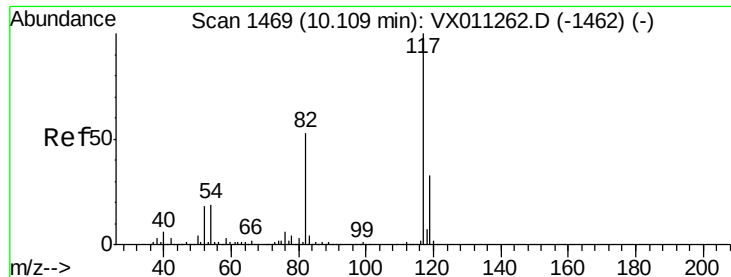


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

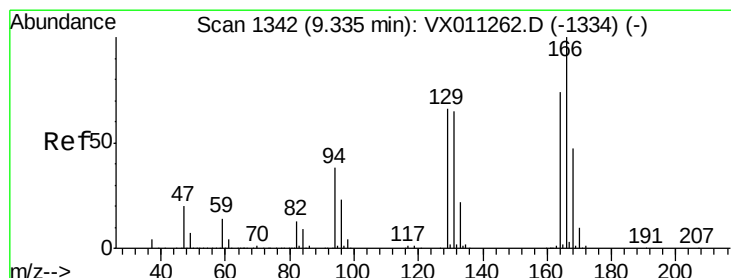
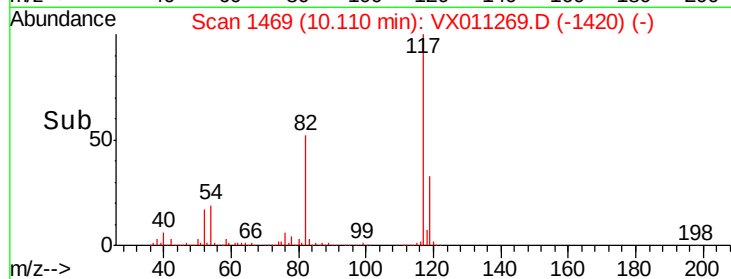
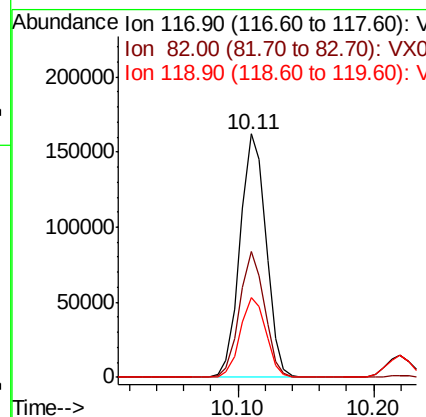
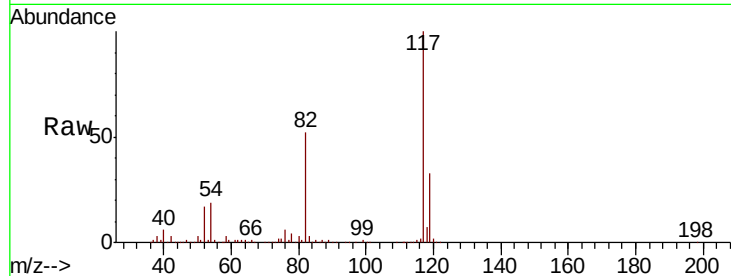




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

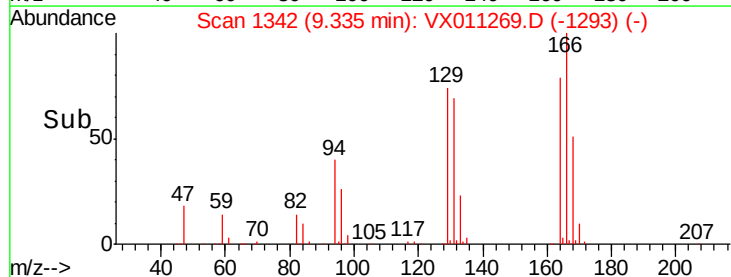
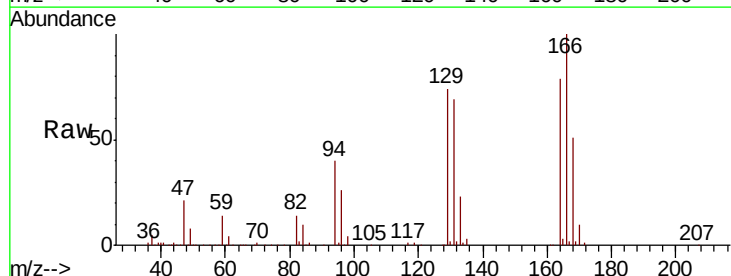
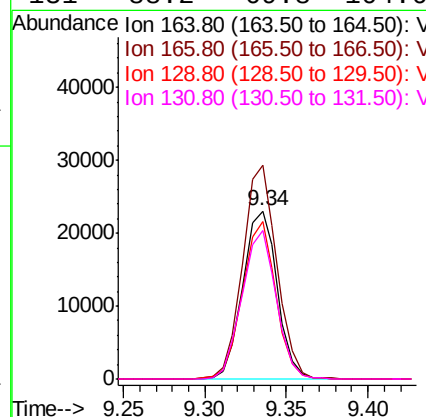
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

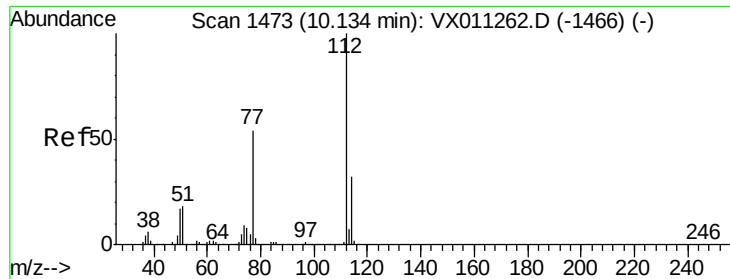
Tot Ion:117 Resp: 216412
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 32.7 26.6 39.8



#64
Tetrachloroethene
Concen: 18.420 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion:164 Resp: 33854
Ion Ratio Lower Upper
164 100
166 127.4 107.5 161.3
129 93.6 71.0 106.4
131 88.2 69.8 104.6

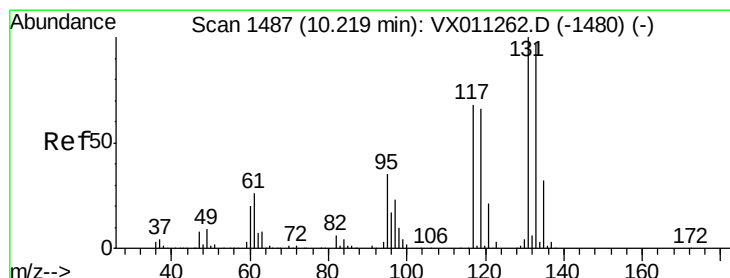
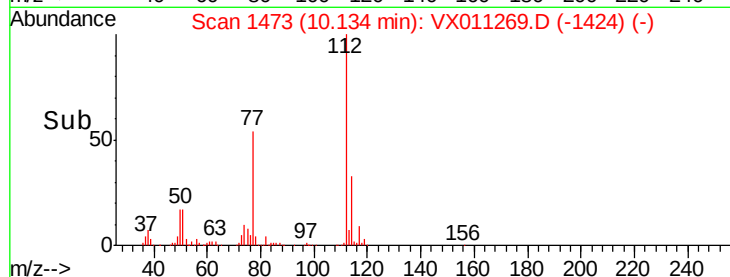
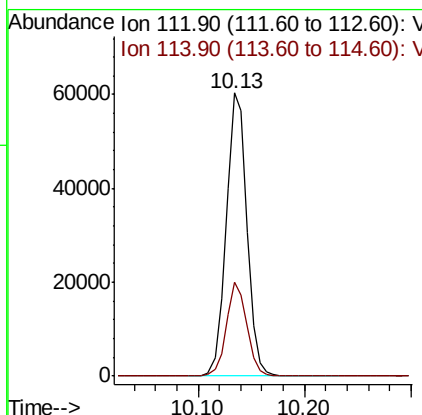
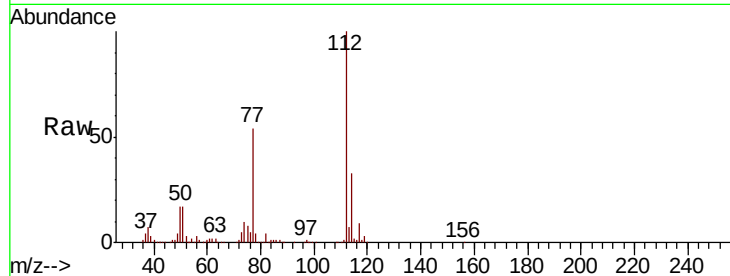




#65
Chlorobenzene
Concen: 17.684 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

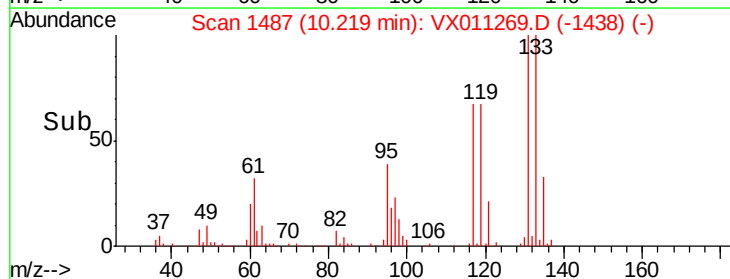
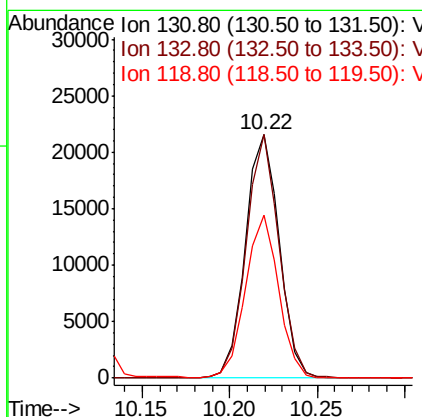
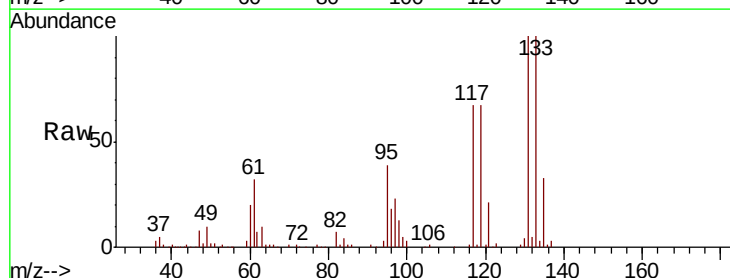
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

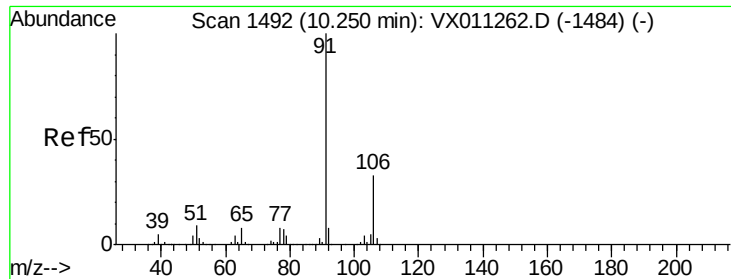
Tot Ion:112 Resp: 82055
Ion Ratio Lower Upper
112 100
114 33.0 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.344 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion:131 Resp: 29141
Ion Ratio Lower Upper
131 100
133 96.6 47.7 143.1
119 65.4 32.8 98.3





#67

Ethyl Benzene

Concen: 18.183 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

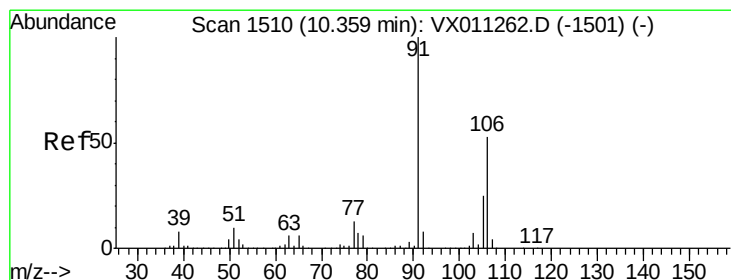
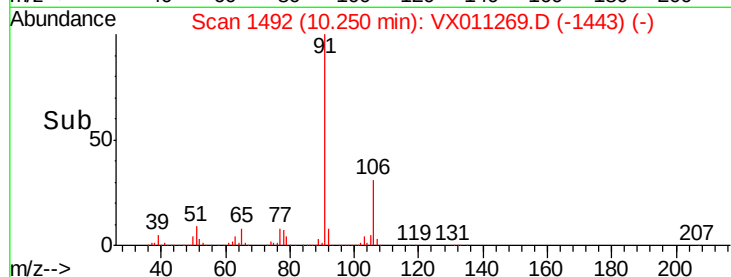
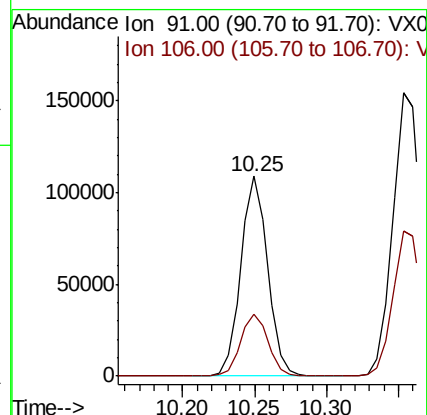
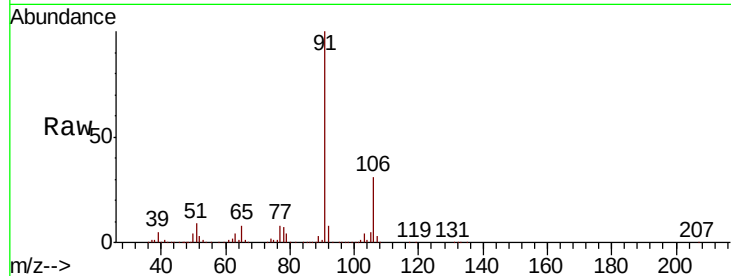
VX0801WBS01

Tot Ion: 91 Resp: 141302

Ion Ratio Lower Upper

91 100

106 31.3 26.2 39.4



#68

m/p-Xylenes

Concen: 36.798 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX011269.D

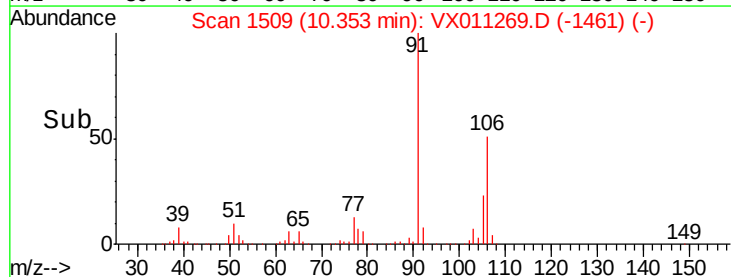
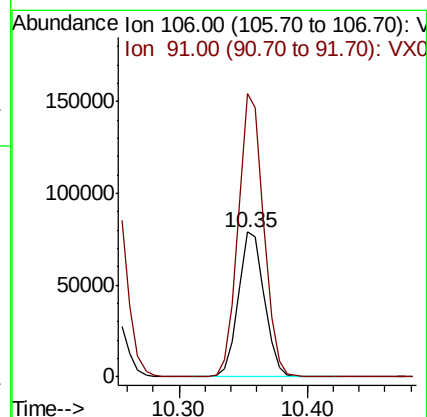
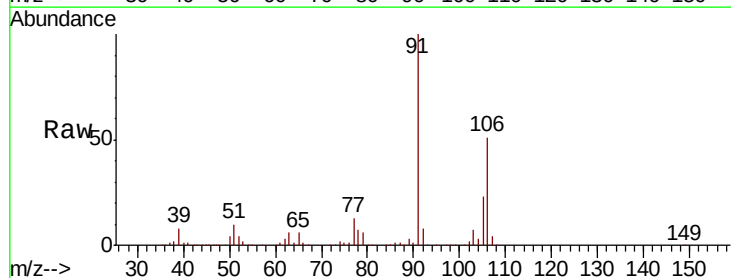
Acq: 01 Aug 2019 19:43

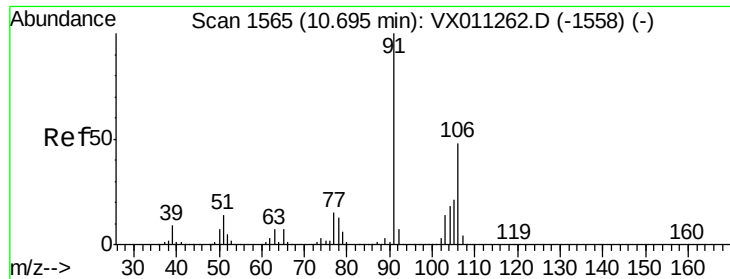
Tgt Ion:106 Resp: 110609

Ion Ratio Lower Upper

106 100

91 192.2 155.9 233.9

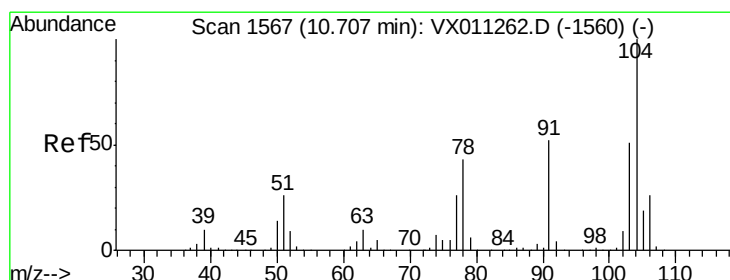
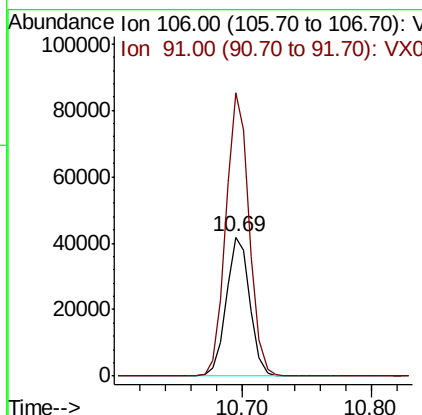
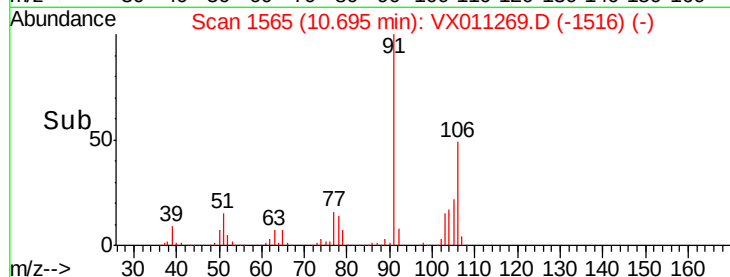
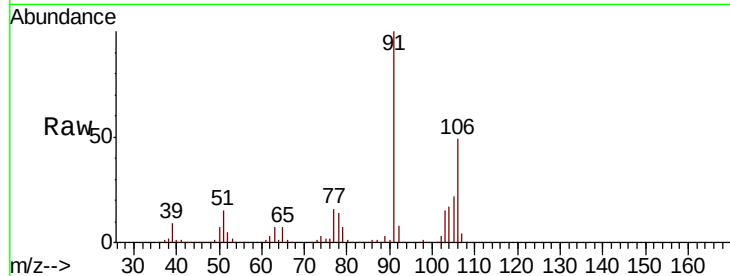




#69
o-Xylene
Concen: 18.238 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

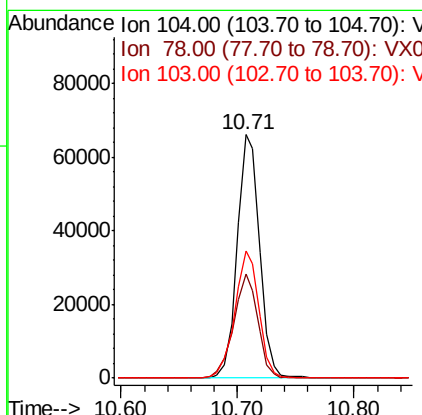
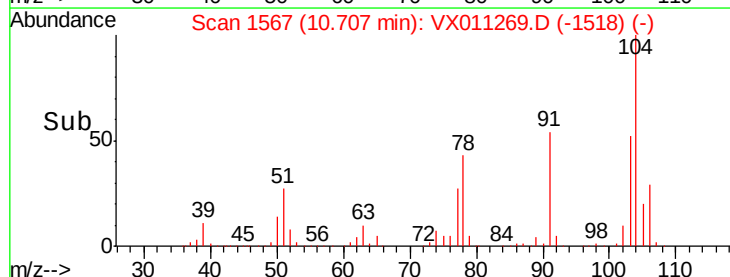
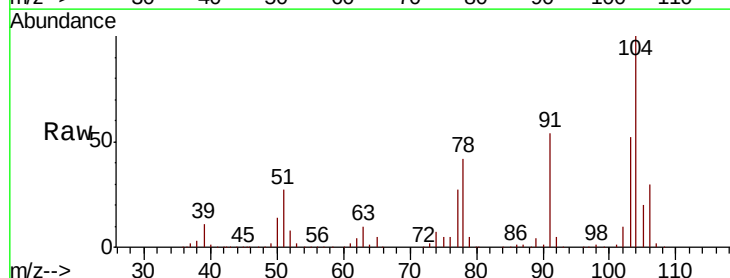
Instrument :
MSVOA_X
ClientSampled :
VX0801WBS01

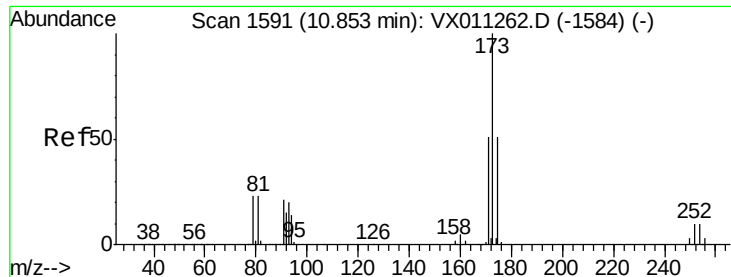
Tot Ion:106 Resp: 53864
Ion Ratio Lower Upper
106 100
91 201.4 103.8 311.3



#70
Styrene
Concen: 18.143 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion:104 Resp: 88658
Ion Ratio Lower Upper
104 100
78 46.3 36.9 55.3
103 55.9 44.4 66.6





#71

Bromoform

Concen: 16.933 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

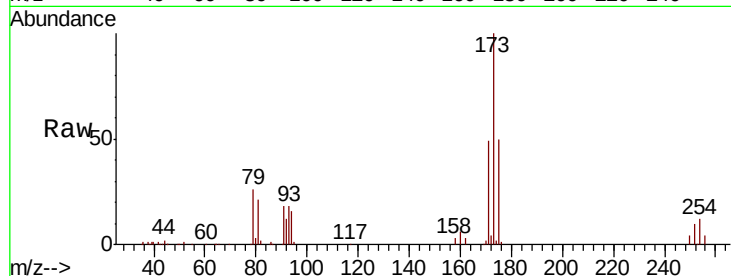
Tot Ion:173 Resp: 21227

Ion Ratio Lower Upper

173 100

175 47.7 24.4 73.4

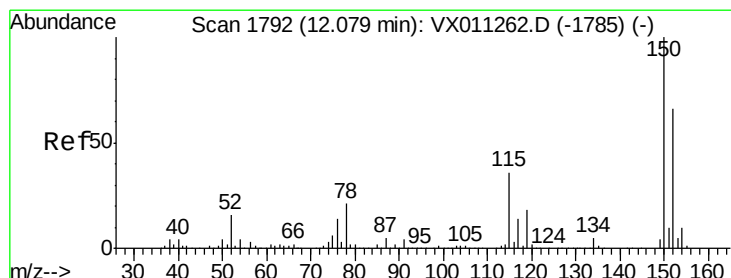
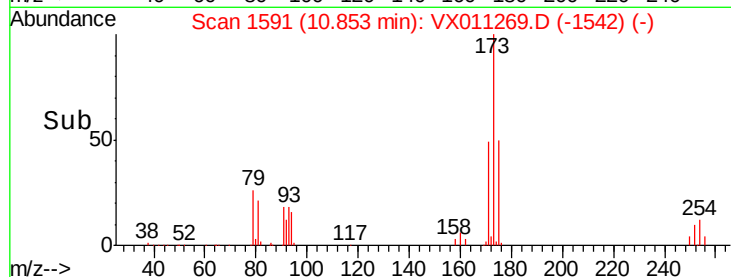
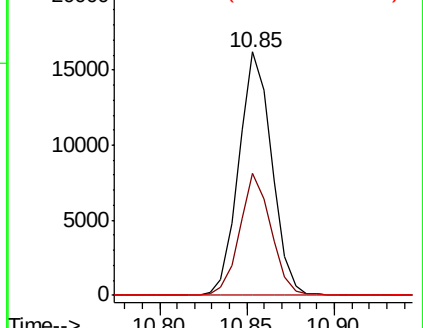
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

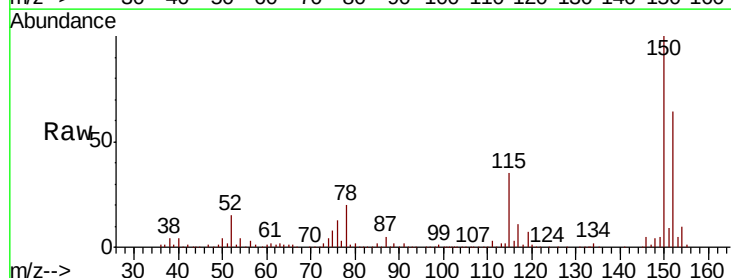
Tgt Ion:152 Resp: 110795

Ion Ratio Lower Upper

152 100

115 64.1 40.0 119.9

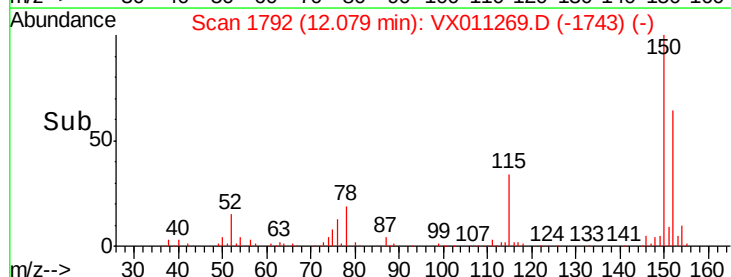
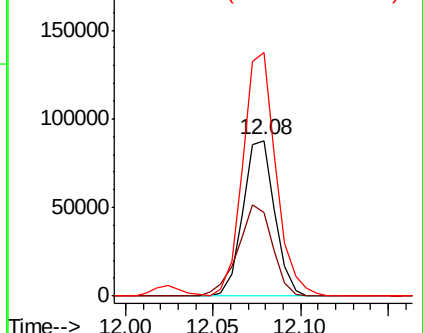
150 162.8 0.0 350.4

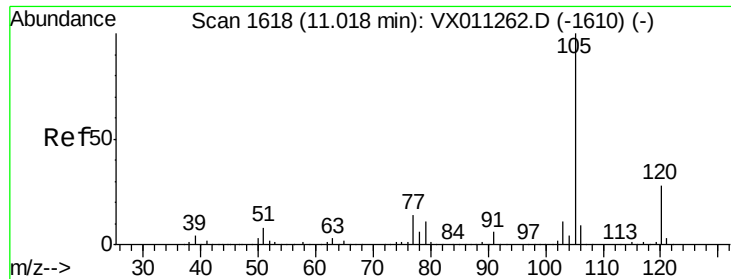


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.543 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

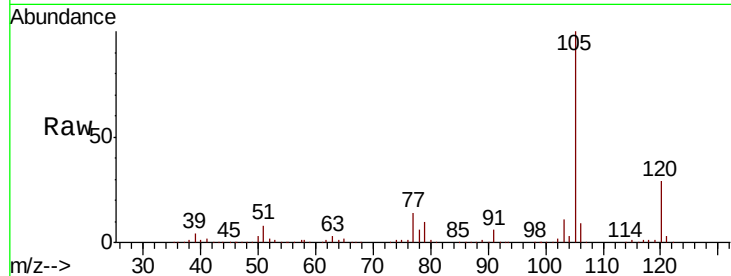
VX0801WBS01

Tot Ion:105 Resp: 140509

Ion Ratio Lower Upper

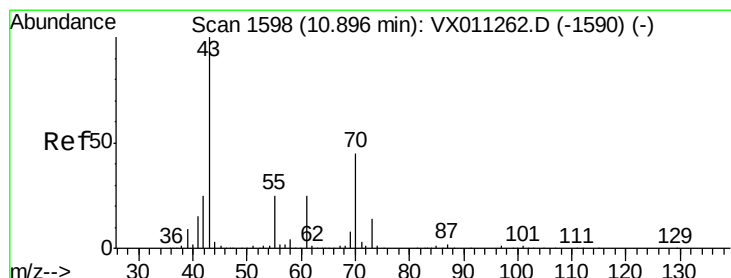
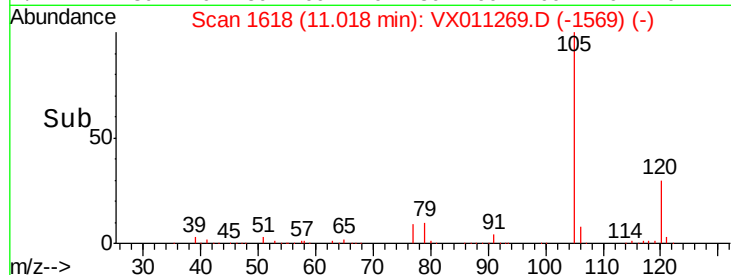
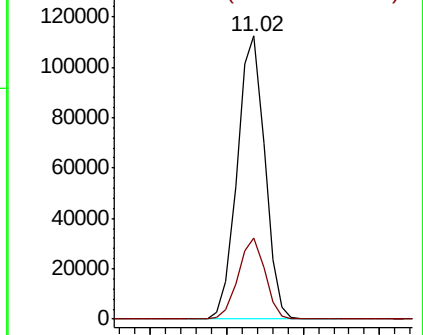
105 100

120 27.7 13.7 41.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.180 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Tgt Ion: 43 Resp: 52516

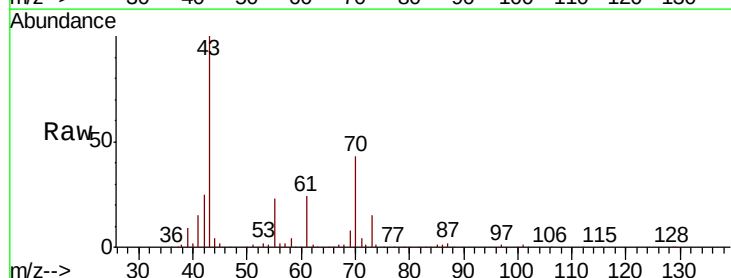
Ion Ratio Lower Upper

43 100

70 43.7 35.9 53.9

55 25.1 19.8 29.6

61 24.3 19.7 29.5

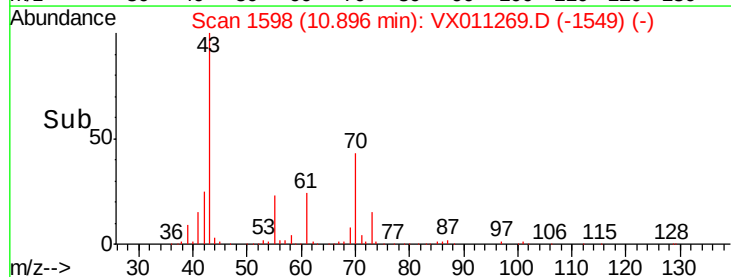
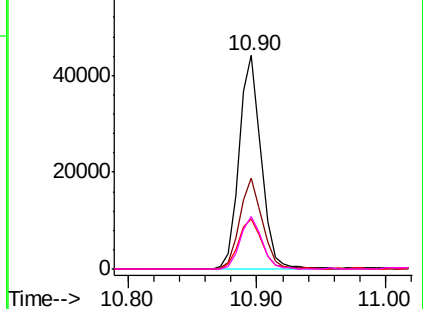


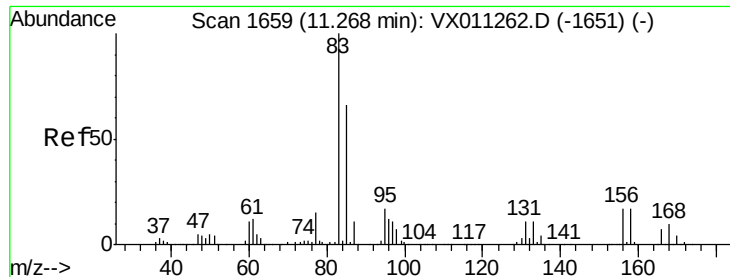
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.965 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

VX0801WBS01

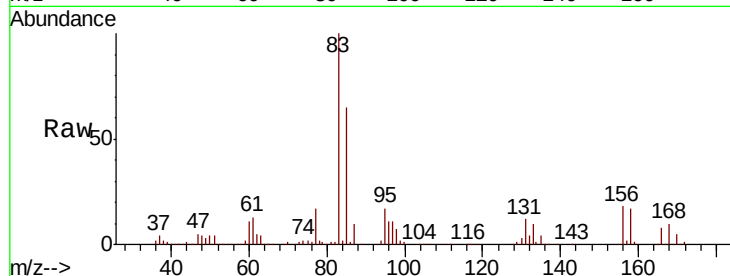
Tot Ion: 83 Resp: 47891

Ion Ratio Lower Upper

83 100

131 11.7 5.6 16.8

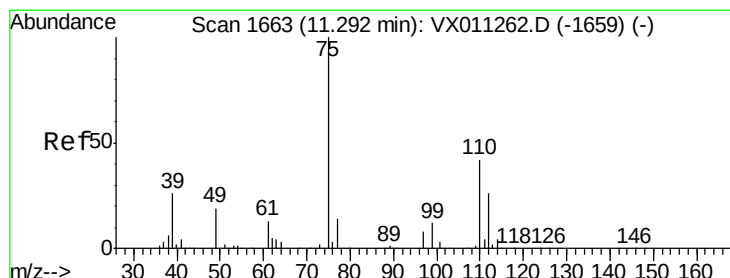
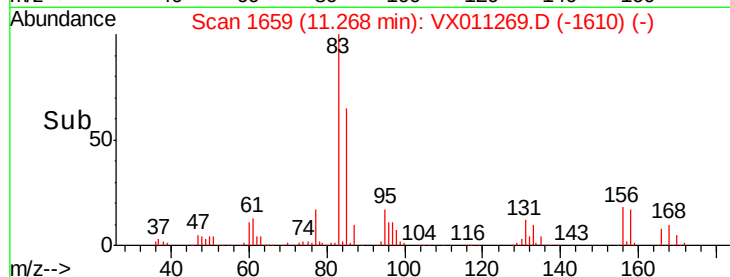
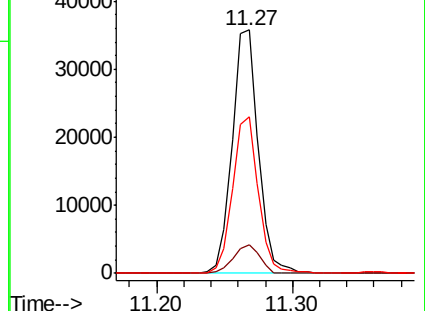
85 63.7 32.1 96.5



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: 23.354 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011269.D

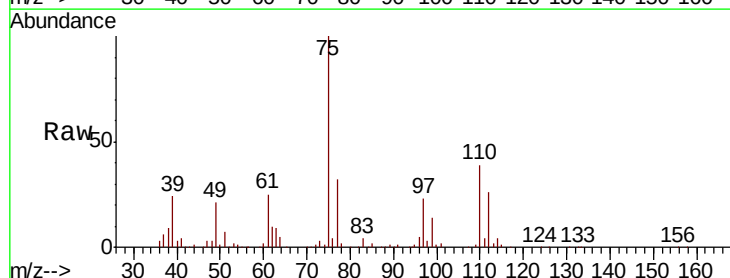
Acq: 01 Aug 2019 19:43

Tgt Ion: 75 Resp: 47121

Ion Ratio Lower Upper

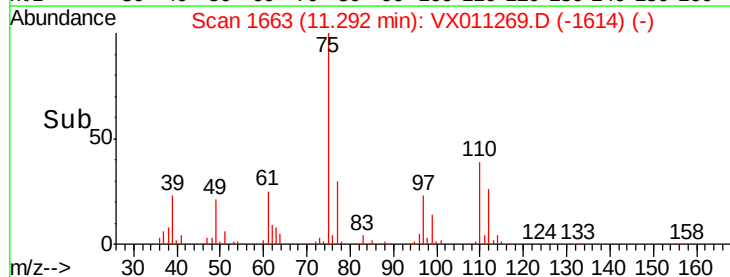
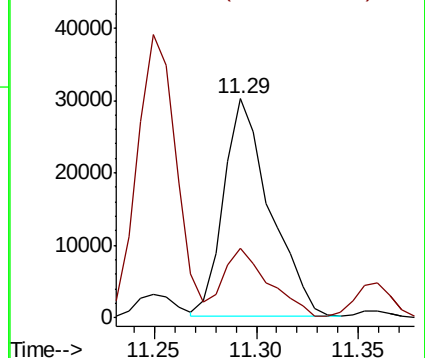
75 100

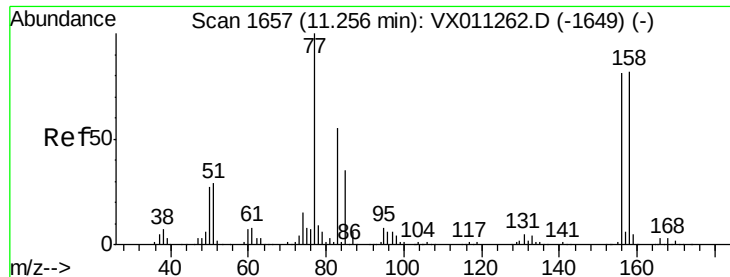
77 32.4 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.725 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

VX0801WBS01

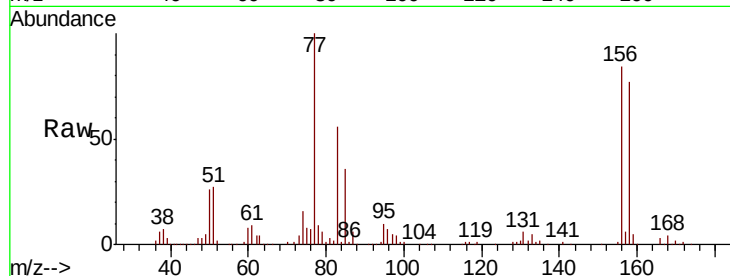
Tot Ion:156 Resp: 39345

Ion Ratio Lower Upper

156 100

77 131.7 66.2 198.6

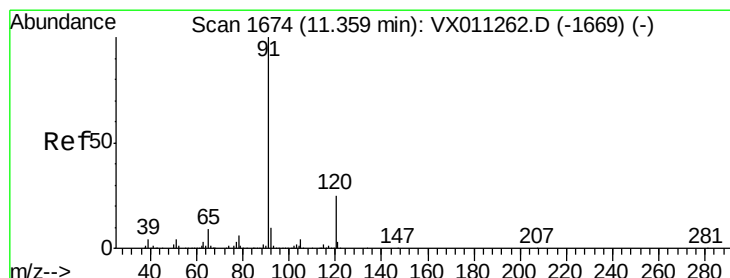
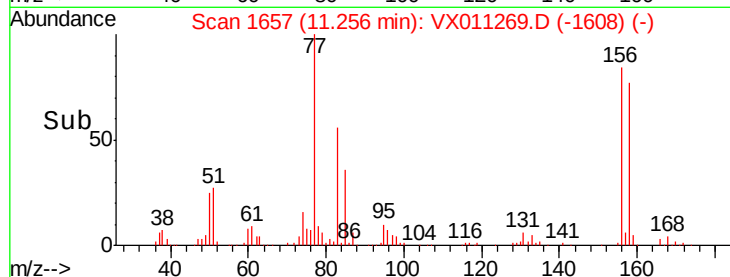
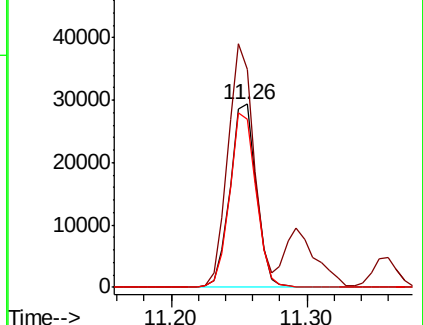
158 95.4 49.1 147.3



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: 18.595 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011269.D

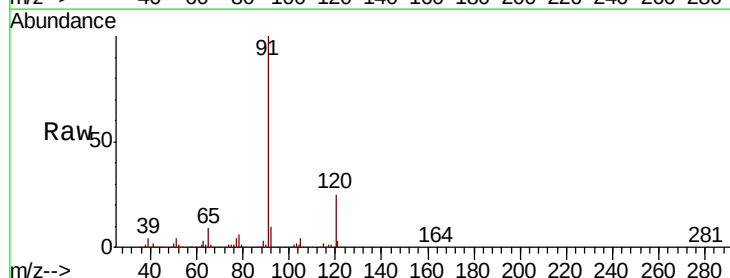
Acq: 01 Aug 2019 19:43

Tgt Ion: 91 Resp: 156694

Ion Ratio Lower Upper

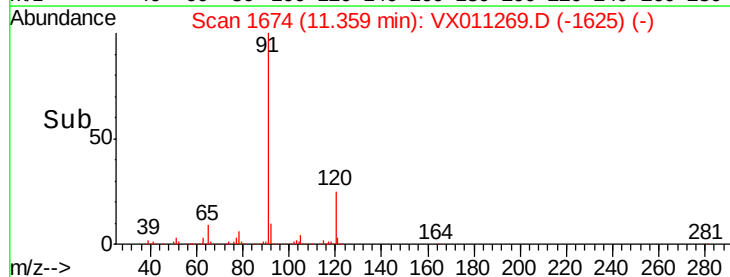
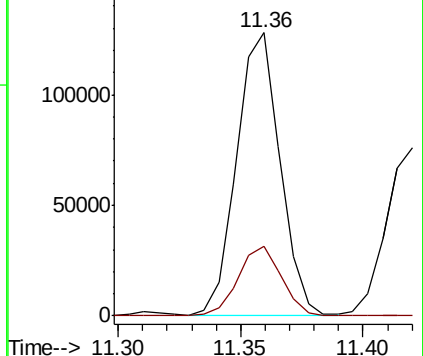
91 100

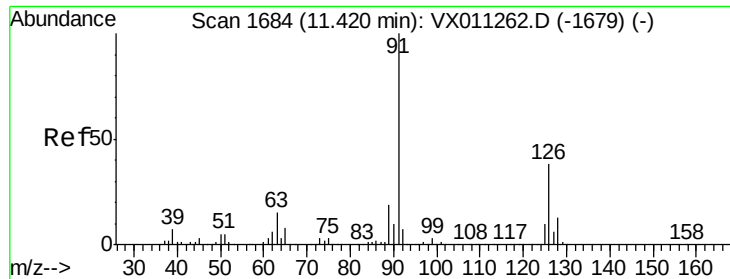
120 24.8 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.342 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

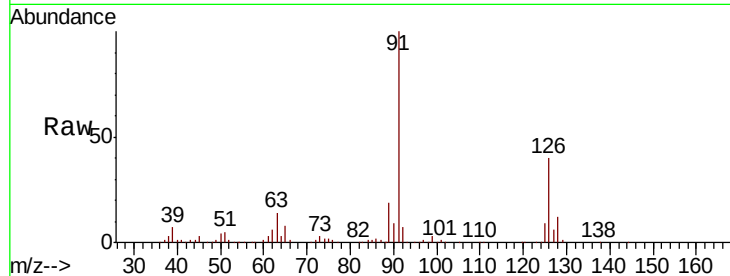
VX0801WBS01

Tot Ion: 91 Resp: 92126

Ion Ratio Lower Upper

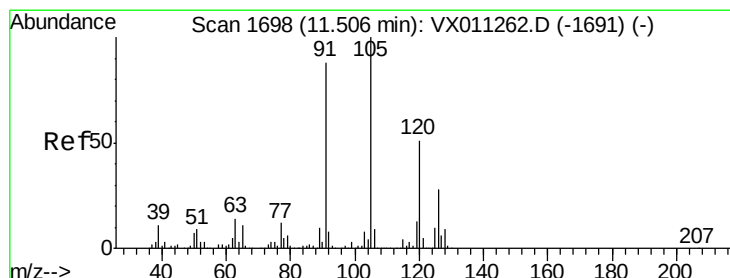
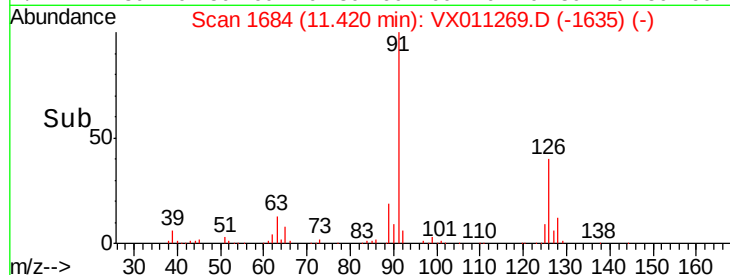
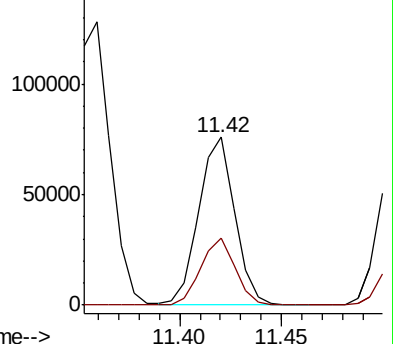
91 100

126 38.6 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.358 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011269.D

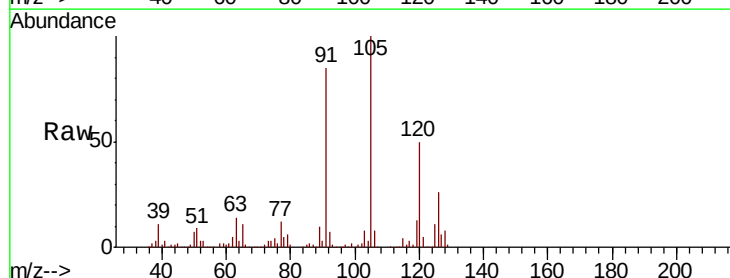
Acq: 01 Aug 2019 19:43

Tgt Ion:105 Resp: 116449

Ion Ratio Lower Upper

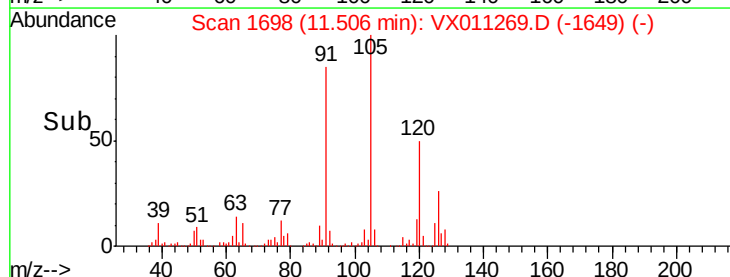
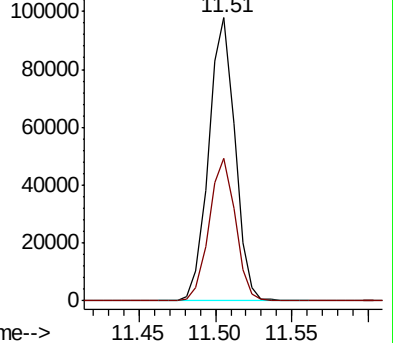
105 100

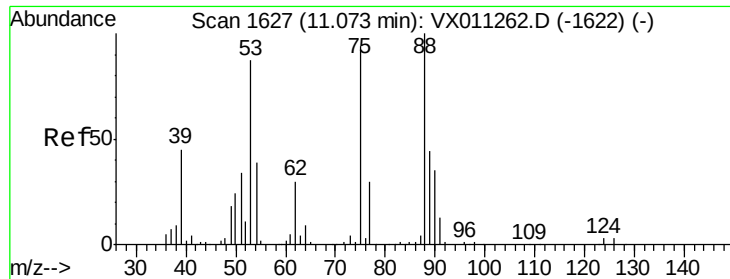
120 50.5 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

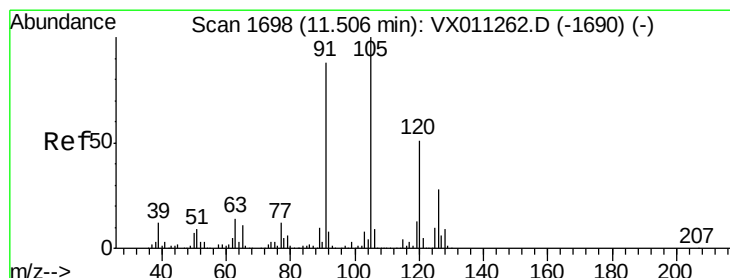
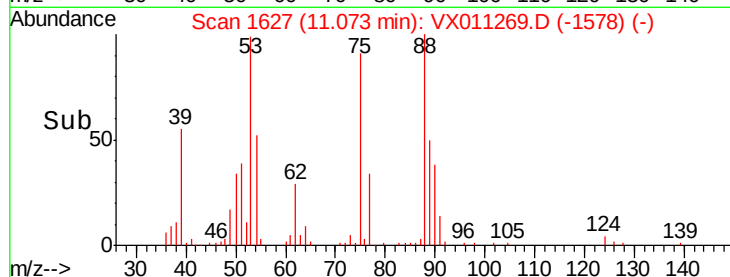
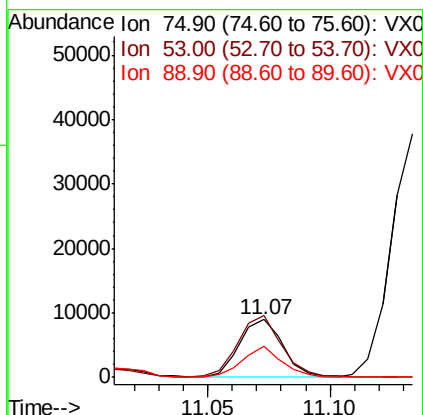
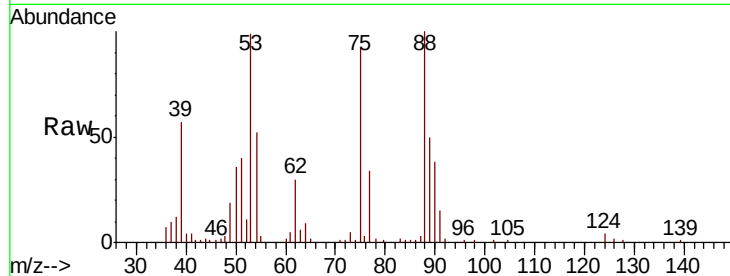




#81
trans-1,4-Dichloro-2-butene
Concen: 17.971 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

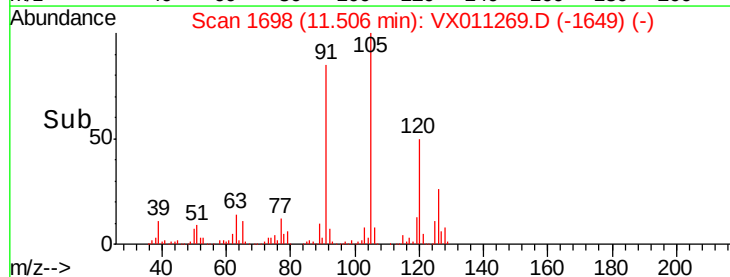
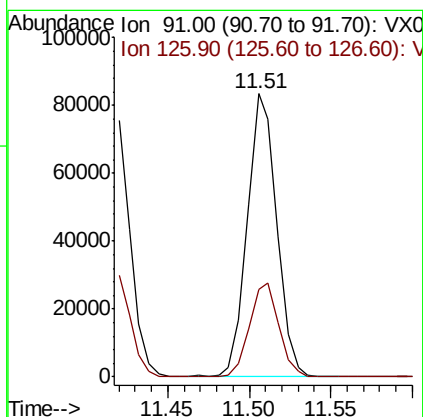
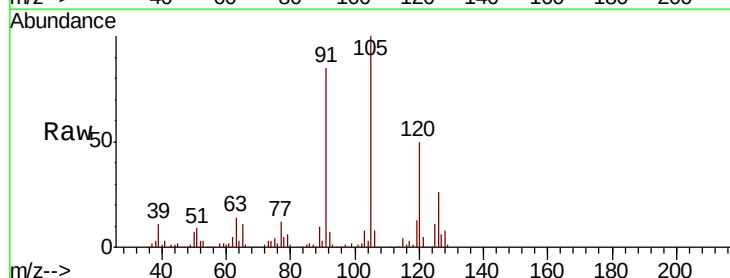
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

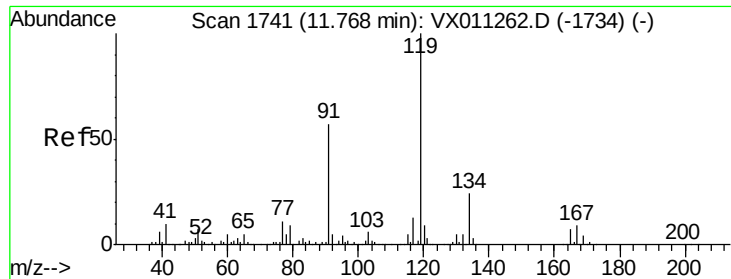
Tot Ion: 75 Resp: 11169
Ion Ratio Lower Upper
75 100
53 104.9 78.2 117.4
89 48.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 17.954 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 91 Resp: 105094
Ion Ratio Lower Upper
91 100
126 33.3 16.4 49.2

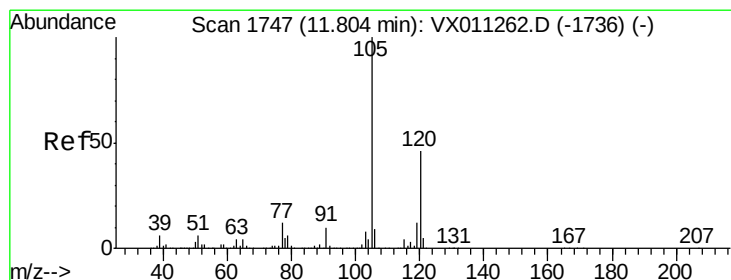
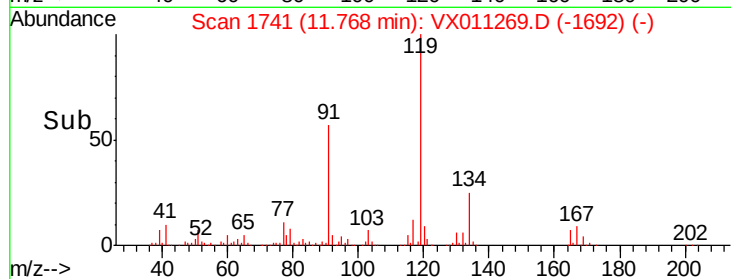
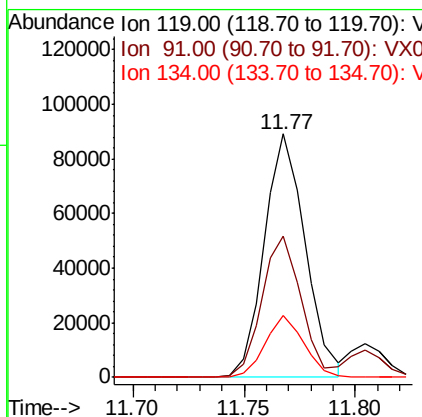
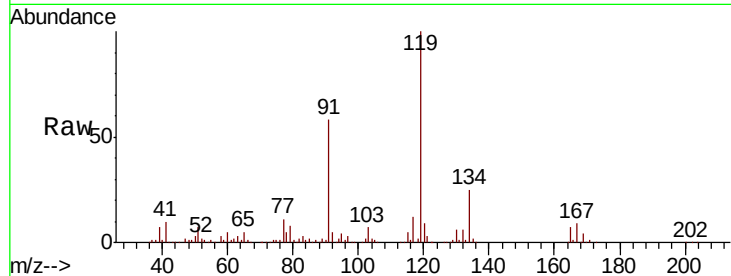




#83
 tert-Butylbenzene
 Concen: 18.289 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

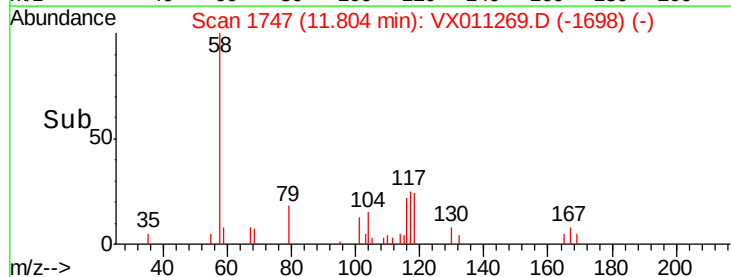
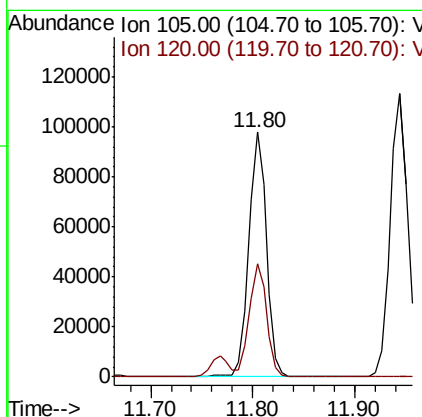
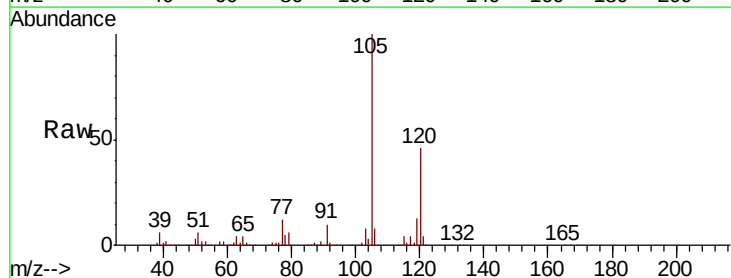
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

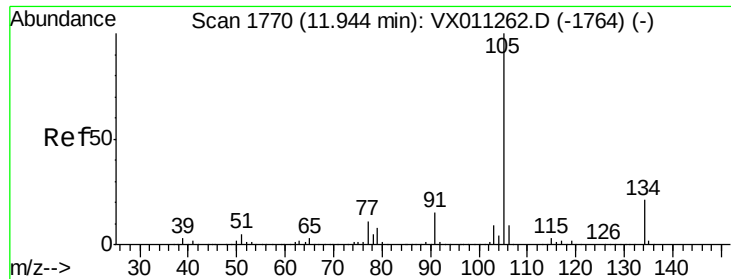
Tot Ion:119 Resp: 113783
 Ion Ratio Lower Upper
 119 100
 91 56.2 28.0 84.0
 134 24.2 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.786 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion:105 Resp: 118641
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 18.364 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampleId :

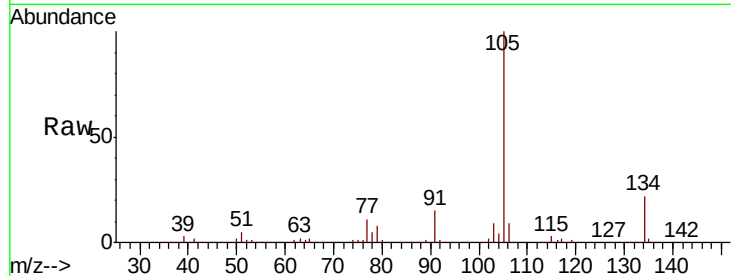
VX0801WBS01

Tot Ion:105 Resp: 137264

Ion Ratio Lower Upper

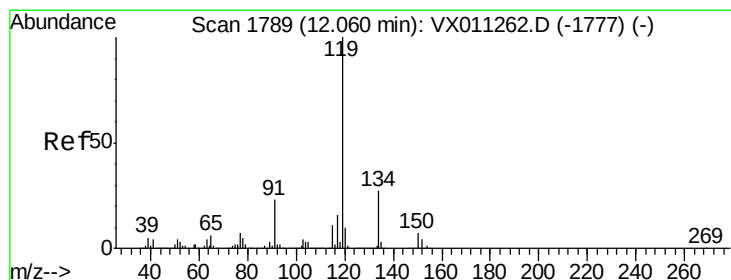
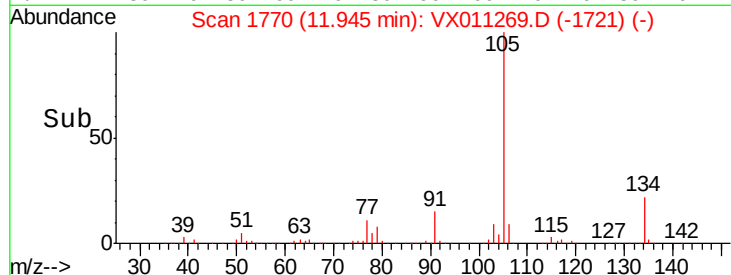
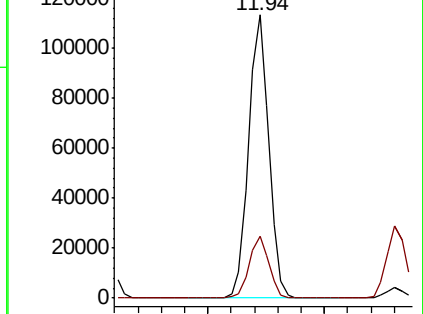
105 100

134 21.5 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.404 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

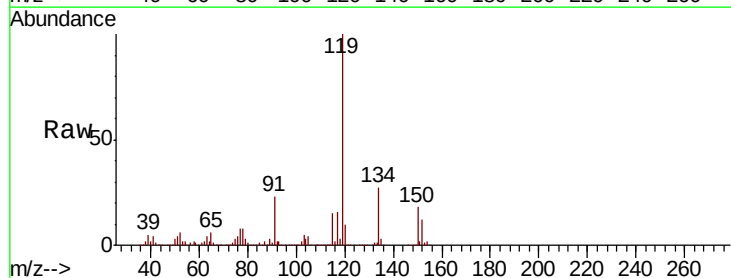
Tgt Ion:119 Resp: 126555

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

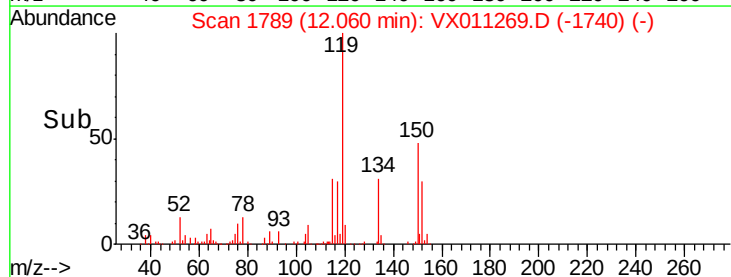
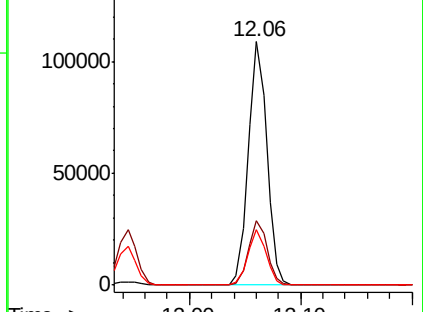
91 22.4 11.4 34.2

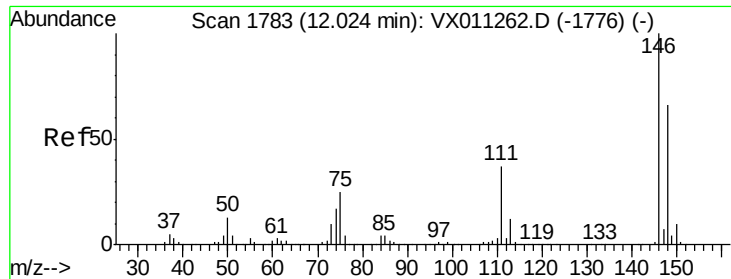


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

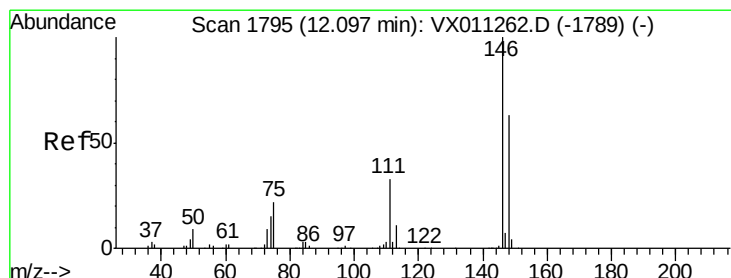
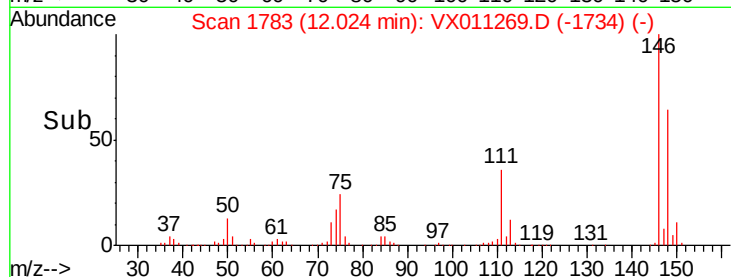
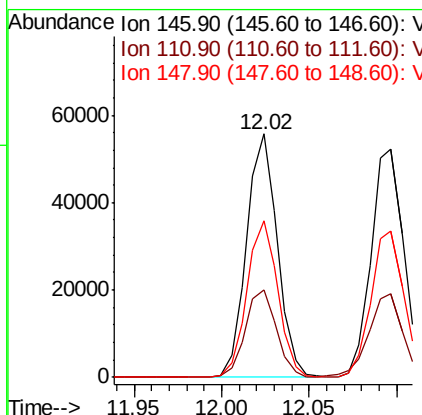
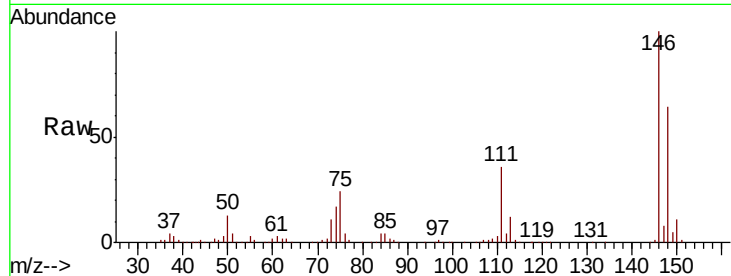




#87
 1,3-Dichlorobenzene
 Concen: 18.373 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

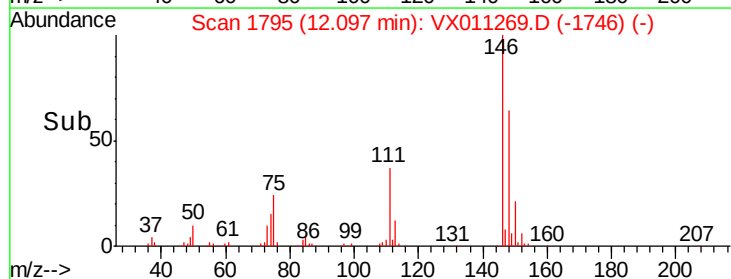
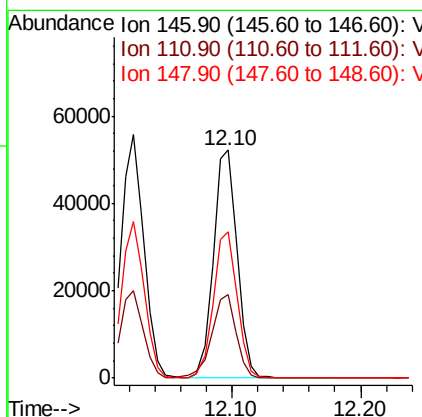
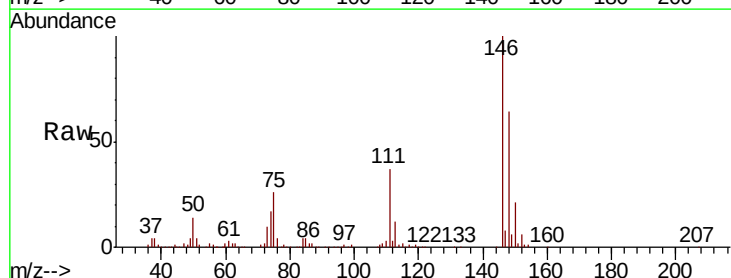
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

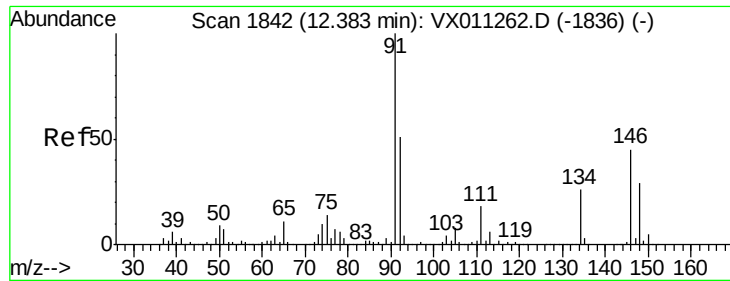
Tot Ion:146 Resp: 68212
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.8
 148 64.4 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 17.717 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion:146 Resp: 67829
 Ion Ratio Lower Upper
 146 100
 111 37.7 17.8 53.4
 148 64.5 31.8 95.3

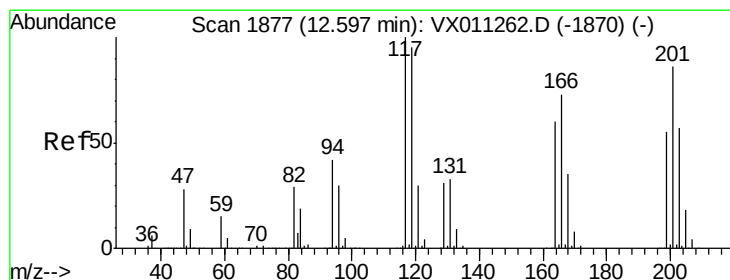
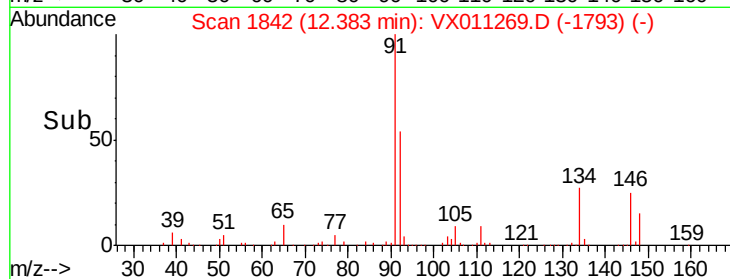
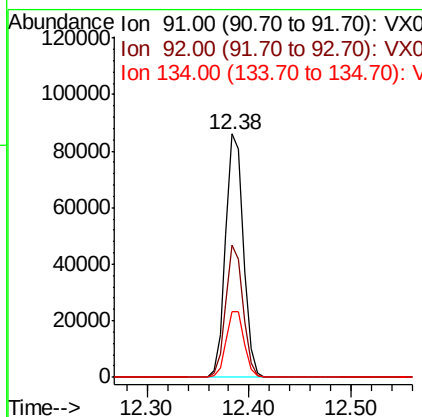
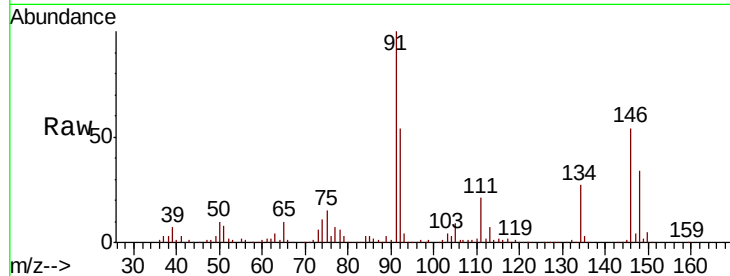




#89
n-Butylbenzene
Concen: 17.635 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

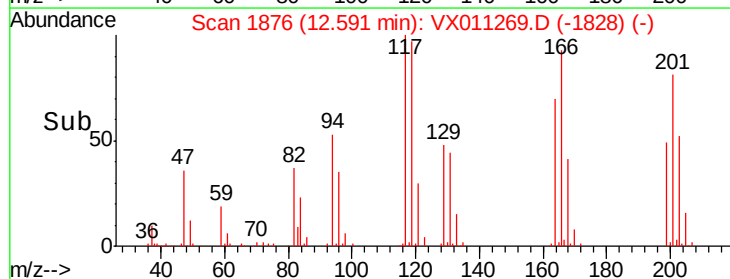
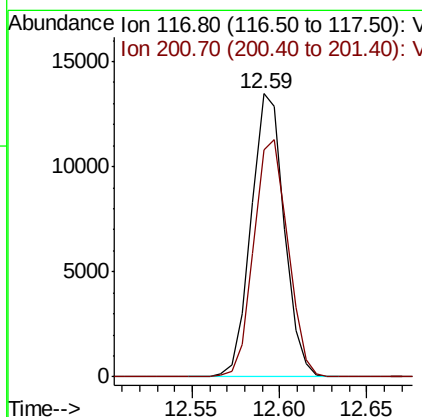
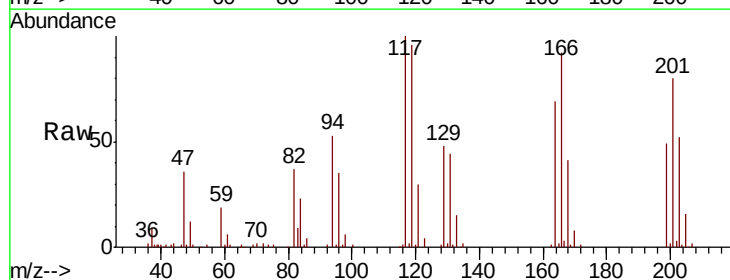
Instrument :
MSVOA_X
ClientSampleId :
VX0801WBS01

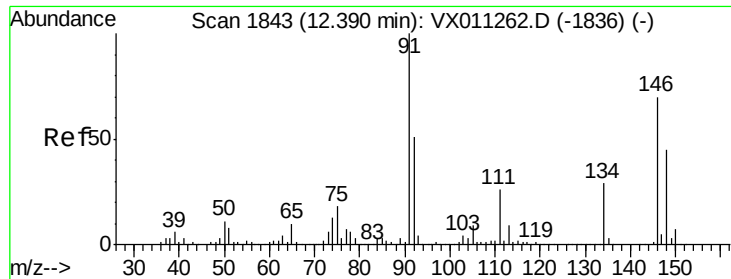
Tot Ion: 91 Resp: 104475
Ion Ratio Lower Upper
91 100
92 52.7 25.8 77.3
134 27.4 13.7 41.0



#90
Hexachloroethane
Concen: 17.359 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011269.D
Acq: 01 Aug 2019 19:43

Tgt Ion: 117 Resp: 17648
Ion Ratio Lower Upper
117 100
201 86.6 41.8 125.4

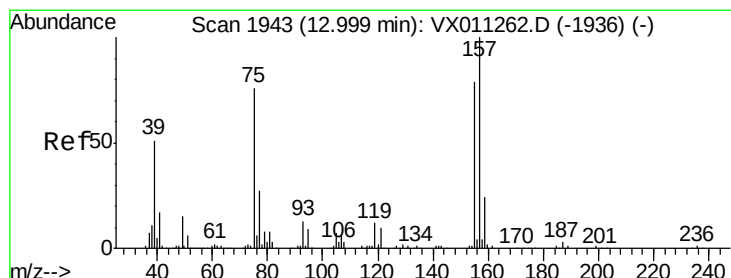
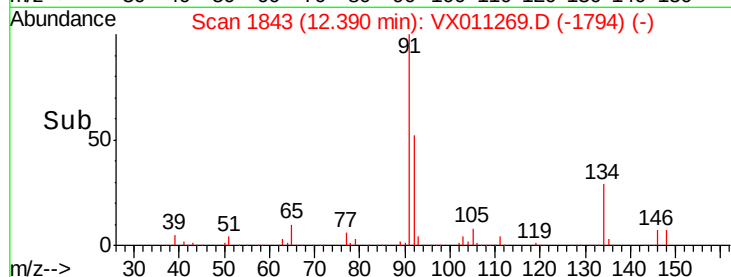
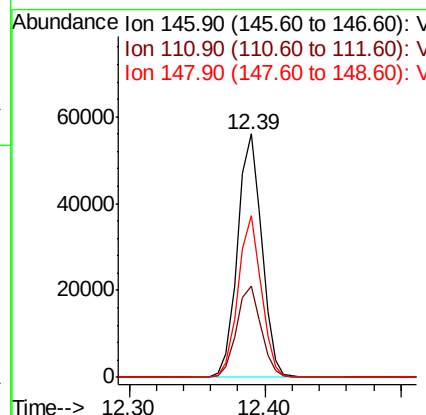
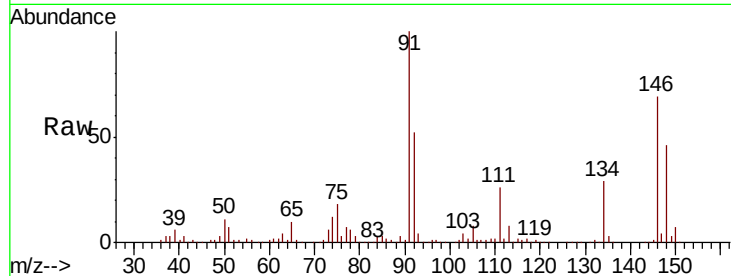




#91
 1,2-Dichlorobenzene
 Concen: 18.628 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

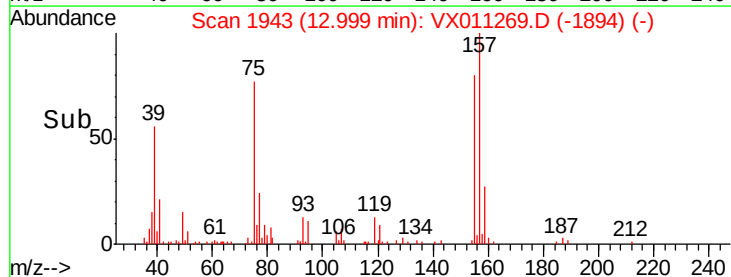
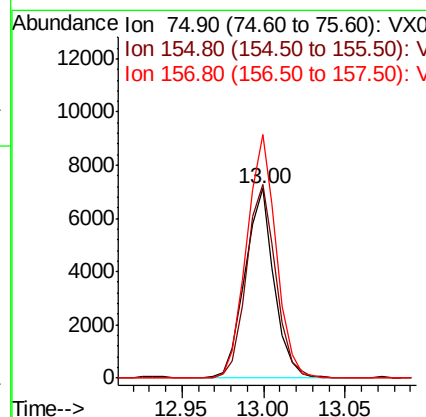
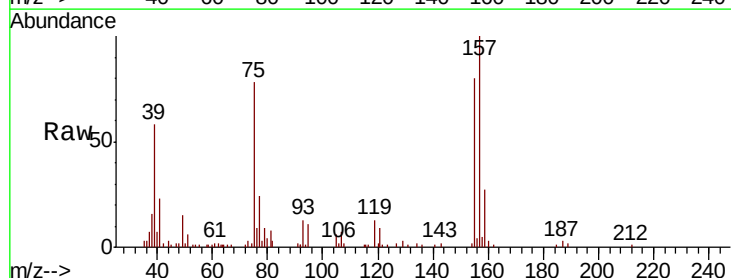
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

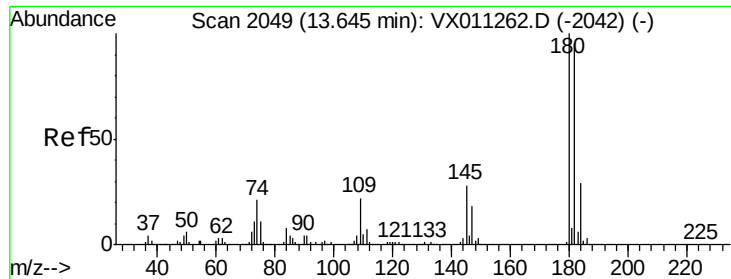
Tot Ion:146 Resp: 69489
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.1 57.1
 148 63.5 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.208 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion: 75 Resp: 8908
 Ion Ratio Lower Upper
 75 100
 155 102.6 51.9 155.8
 157 129.2 64.3 192.7

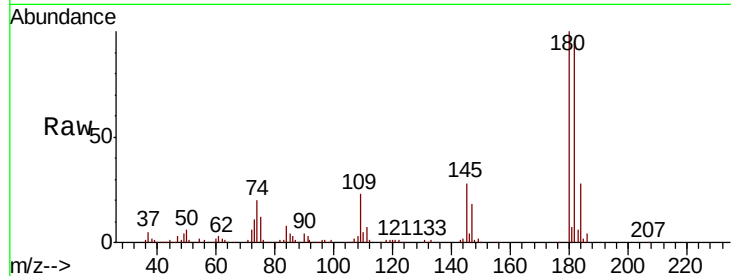




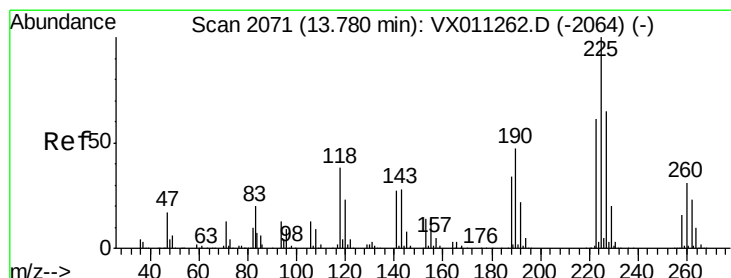
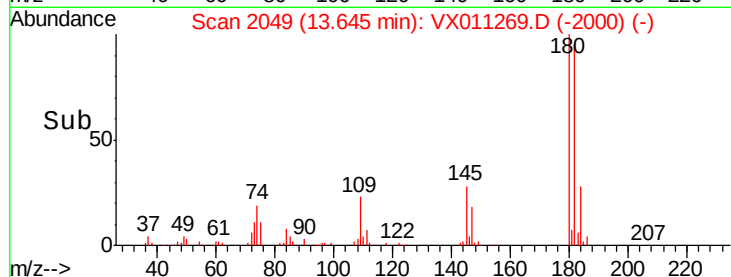
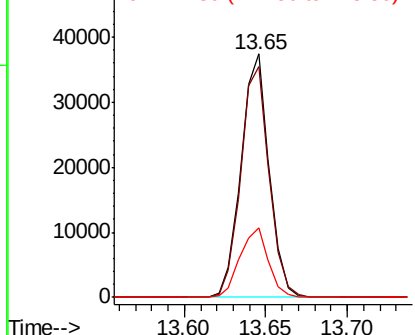
#93
 1,2,4-Trichlorobenzene
 Concen: 18.102 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801WBS01

Tot Ion:180 Resp: 44782
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 28.9 14.8 44.3

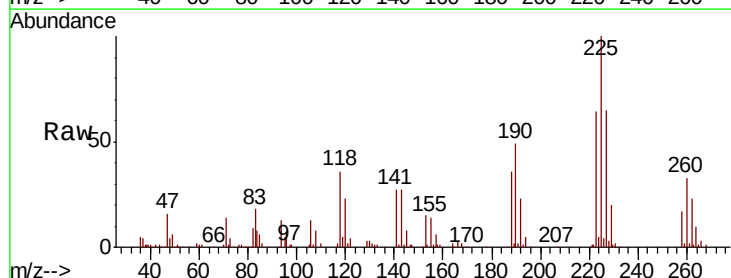


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

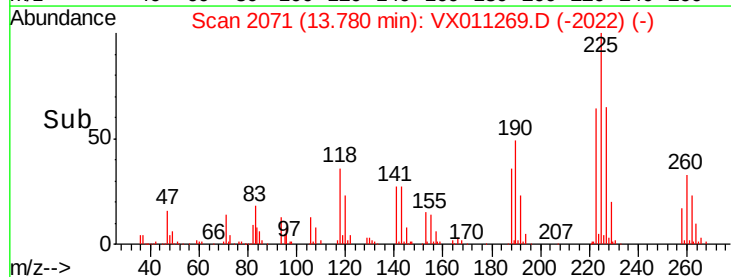
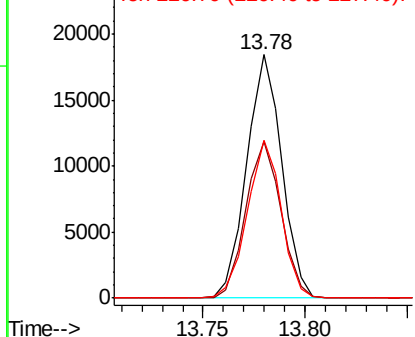


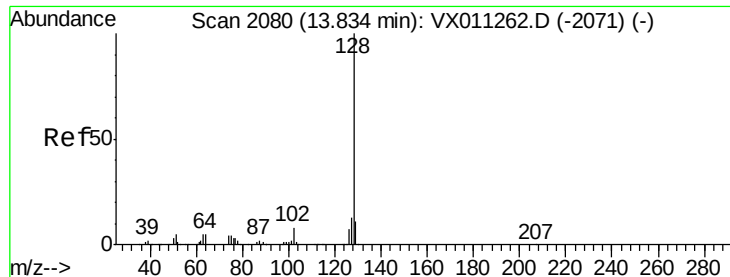
#94
 Hexachlorobutadiene
 Concen: 17.562 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011269.D
 Acq: 01 Aug 2019 19:43

Tgt Ion:225 Resp: 22043
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.0 93.0
 227 62.8 32.2 96.6



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





#95

Naphthalene

Concen: 18.654 ug/l

RT: 13.83 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

Instrument :

MSVOA_X

ClientSampled :

VX0801WBS01

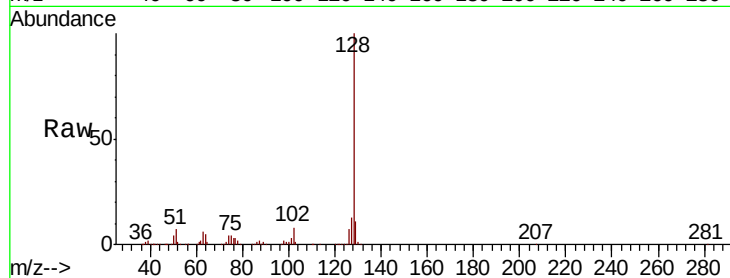
Tot Ion:128 Resp: 134958

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

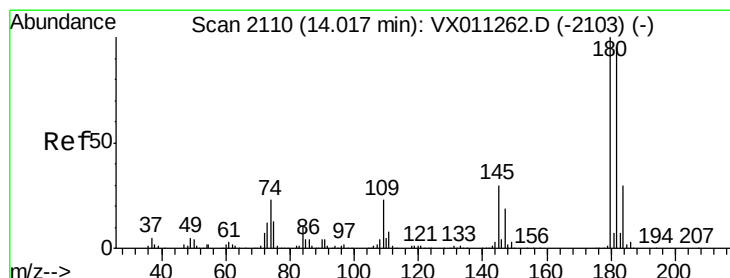
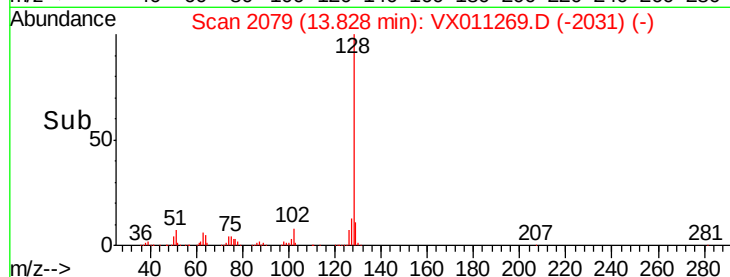
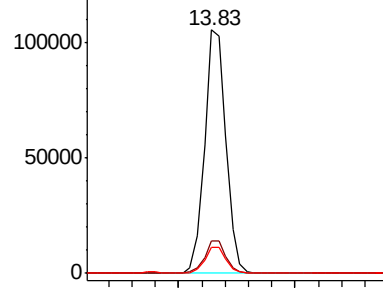
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.362 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX011269.D

Acq: 01 Aug 2019 19:43

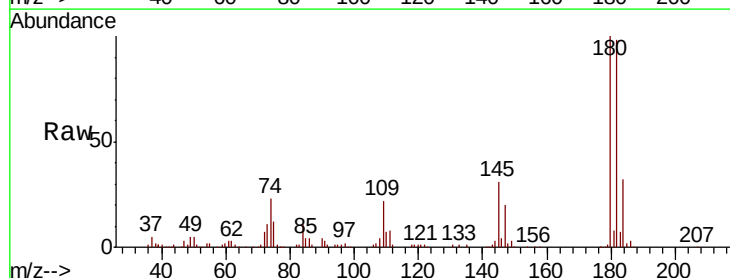
Tgt Ion:180 Resp: 46182

Ion Ratio Lower Upper

180 100

182 94.7 47.4 142.3

145 31.3 15.2 45.6



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

