

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006312.D
 Acq On : 06 Dec 2018 12:32
 Operator : JC/MD
 Sample : VX1206MBS01
 Misc : 5.0µl/10mL/100µL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	690465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1044306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	937161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	469904	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	330687	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
35) Dibromofluoromethane	5.51	113	318067	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
50) Toluene-d8	8.71	98	1144448	46.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.06%	
62) 4-Bromofluorobenzene	11.13	95	423540	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	126543	18.718	ug/l	96
3) Chloromethane	1.33	50	119853	17.251	ug/l	96
4) Vinyl Chloride	1.41	62	132897	17.774	ug/l	98
5) Bromomethane	1.64	94	89367	17.246	ug/l	97
6) Chloroethane	1.72	64	86043	18.768	ug/l	98
7) Trichlorofluoromethane	1.93	101	207517	18.080	ug/l	97
8) Diethyl Ether	2.19	74	79078	18.204	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	117626	18.023	ug/l	98
10) Methyl Iodide	2.51	142	150074	15.258	ug/l	99
11) Tert butyl alcohol	3.07	59	171180	88.804	ug/l	100
12) 1,1-Dichloroethene	2.38	96	109932	17.595	ug/l	92
13) Acrolein	2.29	56	91807	87.139	ug/l	100
14) Allyl chloride	2.73	41	208046	16.857	ug/l	98
15) Acrylonitrile	3.15	53	357084	88.772	ug/l	99
16) Acetone	2.45	43	289836	87.621	ug/l	97
17) Carbon Disulfide	2.57	76	306087	15.899	ug/l	98
18) Methyl Acetate	2.78	43	203518	18.398	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	397556	17.837	ug/l	99
20) Methylene Chloride	2.86	84	122861	17.452	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	117659	17.672	ug/l	93
22) Diisopropyl ether	3.87	45	354798	18.405	ug/l	95
23) Vinyl Acetate	3.82	43	1486152	90.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	205985	18.695	ug/l	99
25) 2-Butanone	4.70	43	431037	91.325	ug/l	98
26) 2,2-Dichloropropane	4.59	77	188171	18.505	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	137090	18.459	ug/l	99
28) Bromochloromethane	5.02	49	93196	19.364	ug/l	97
29) Tetrahydrofuran	5.15	42	294908	89.904	ug/l	99
30) Chloroform	5.22	83	218073	18.833	ug/l	96
31) Cyclohexane	5.57	56	180117	17.688	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	198691	18.035	ug/l	99
36) 1,1-Dichloropropene	5.80	75	154444	17.562	ug/l	99
37) Ethyl Acetate	4.85	43	167874	17.046	ug/l	97
38) Carbon Tetrachloride	5.78	117	181707	17.564	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006312.D
 Acq On : 06 Dec 2018 12:32
 Operator : JC/MD
 Sample : VX1206MBS01
 Misc : 5.0µl/10mL/100µL/5.0ml/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:28:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	196639	17.226	ug/l	99
40) Benzene	6.15	78	481474	18.280	ug/l	98
41) Methacrylonitrile	5.06	41	91649	16.912	ug/l	97
42) 1,2-Dichloroethane	6.20	62	161176	18.697	ug/l	98
43) Isopropyl Acetate	6.46	43	276583	16.844	ug/l	99
44) Trichloroethene	7.21	130	142985	17.920	ug/l	98
45) 1,2-Dichloropropane	7.52	63	120559	18.010	ug/l	97
46) Dibromomethane	7.66	93	88771	18.361	ug/l	97
47) Bromodichloromethane	7.90	83	162737	17.382	ug/l	98
48) Methyl methacrylate	7.77	41	139995	17.525	ug/l	99
49) 1,4-Dioxane	7.75	88	72762	369.578	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	853734	89.314	ug/l	98
52) Toluene	8.79	92	311188	17.958	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	183552	16.764	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	195895	17.230	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	130826	18.584	ug/l	99
56) Ethyl methacrylate	9.18	69	196778	17.880	ug/l	99
57) 1,3-Dichloropropane	9.37	76	203959	18.322	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	517315	92.630	ug/l	98
59) 2-Hexanone	9.49	43	654065	89.562	ug/l	99
60) Dibromochloromethane	9.59	129	148993	17.164	ug/l	100
61) 1,2-Dibromoethane	9.67	107	141755	18.009	ug/l	100
64) Tetrachloroethene	9.34	164	129609	18.364	ug/l	99
65) Chlorobenzene	10.14	112	369160	18.556	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	139390	18.034	ug/l	99
67) Ethyl Benzene	10.25	91	594731	17.975	ug/l	100
68) m/p-Xylenes	10.36	106	476768	35.972	ug/l	99
69) o-Xylene	10.70	106	235713	18.005	ug/l	99
70) Styrene	10.71	104	376217	17.768	ug/l	99
71) Bromoform	10.86	173	117463	16.099	ug/l	100
73) Isopropylbenzene	11.02	105	620008	19.106	ug/l	100
74) N-amyl acetate	10.90	43	242095	17.325	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	195839	18.864	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228436	25.186	ug/l	87
77) Bromobenzene	11.26	156	169148	18.782	ug/l	99
78) n-propylbenzene	11.36	91	674989	18.712	ug/l	100
79) 2-Chlorotoluene	11.42	91	405655	18.920	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	513411	19.015	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	63310	16.381	ug/l	94
82) 4-Chlorotoluene	11.51	91	460356	18.468	ug/l	100
83) tert-Butylbenzene	11.77	119	545041	18.920	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	523548	18.779	ug/l	100
85) sec-Butylbenzene	11.94	105	619368	18.899	ug/l	99
86) p-Isopropyltoluene	12.07	119	545260	18.476	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	297935	18.593	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	294977	18.136	ug/l	98
89) n-Butylbenzene	12.39	91	453319	18.003	ug/l	100
90) Hexachloroethane	12.60	117	103757	17.251	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	295266	18.566	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	45543	17.113	ug/l	93

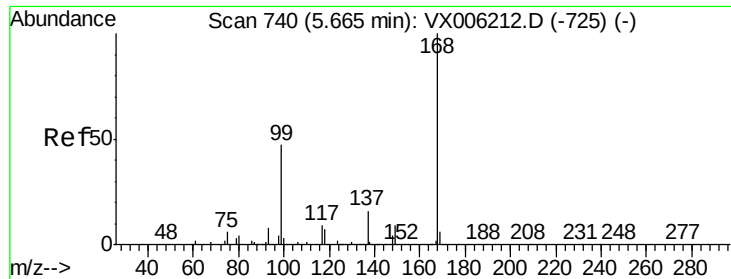
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006312.D
Acq On : 06 Dec 2018 12:32
Operator : JC/MD
Sample : VX1206MBS01
Misc : 5.0g/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 07 04:28:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	205944	17.750	ug/l	99
94) Hexachlorobutadiene	13.78	225	96326	18.773	ug/l	100
95) Naphthalene	13.83	128	658747	18.252	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	205898	17.916	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

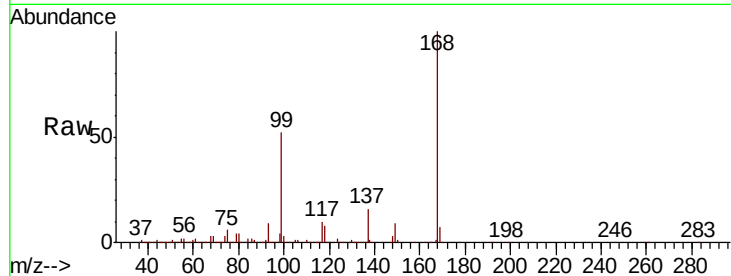
ClientSampleId :

Tot Ion:168 Resp: 690465

Ion Ratio Lower Upper

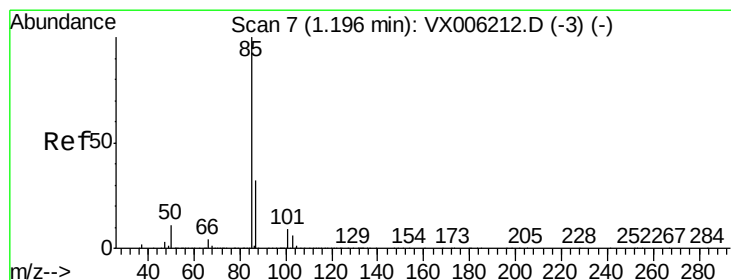
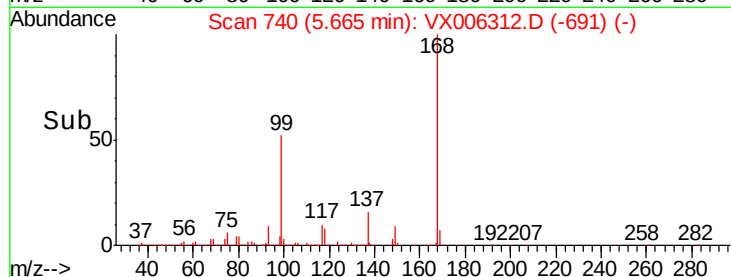
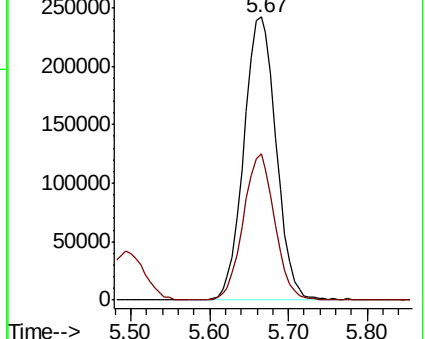
168 100

99 51.5 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.718 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006312.D

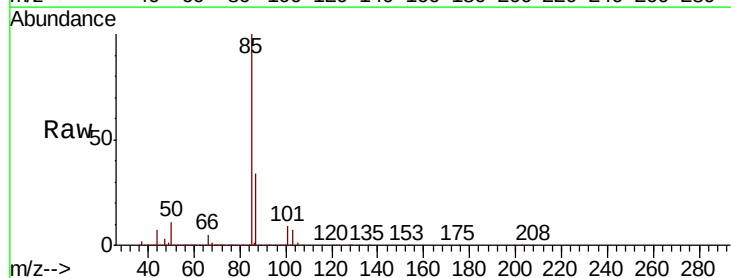
Acq: 06 Dec 2018 12:32

Tgt Ion: 85 Resp: 126543

Ion Ratio Lower Upper

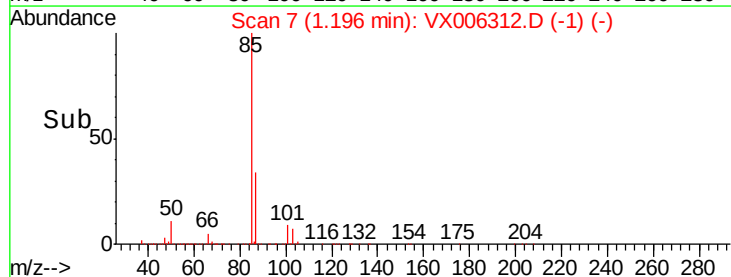
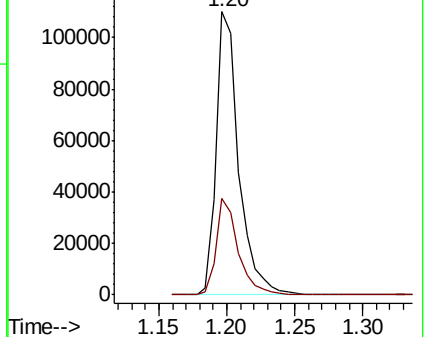
85 100

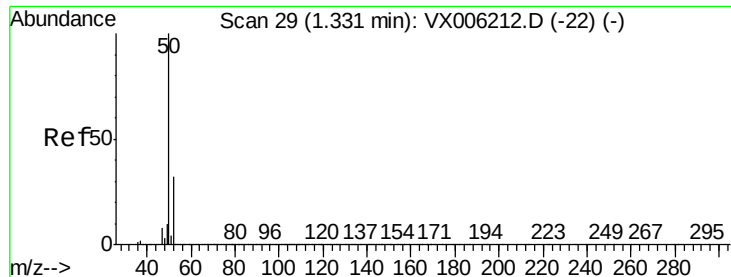
87 34.1 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

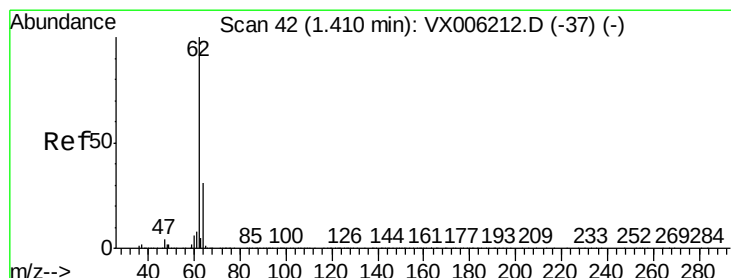
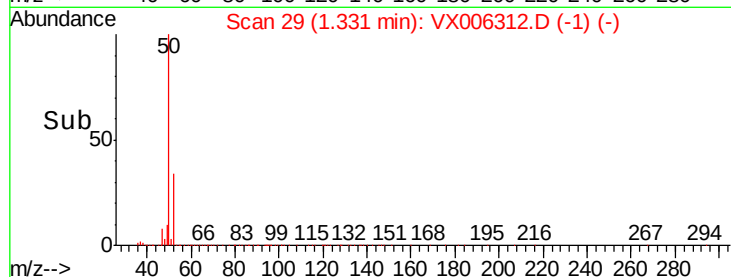
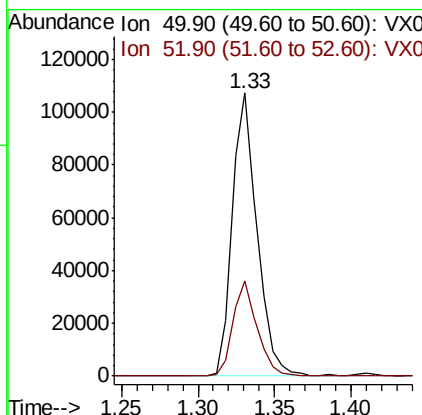
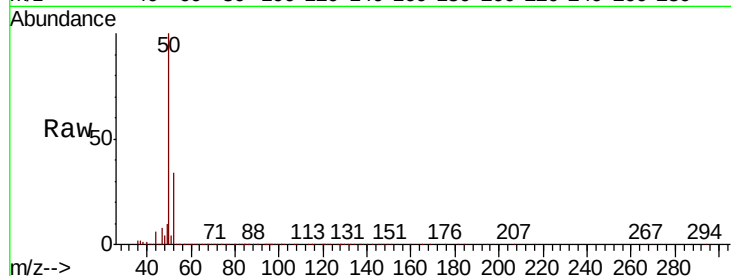




#3
Chloromethane
Concen: 17.251 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

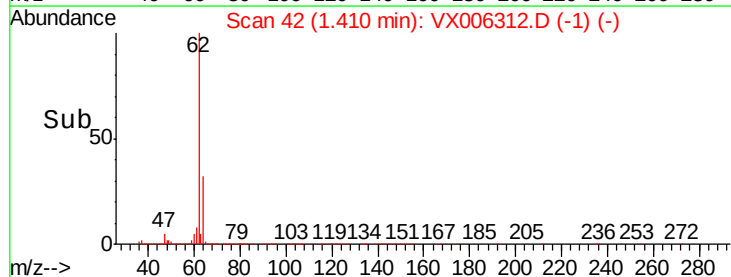
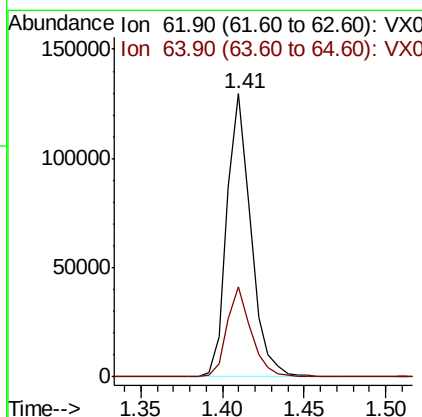
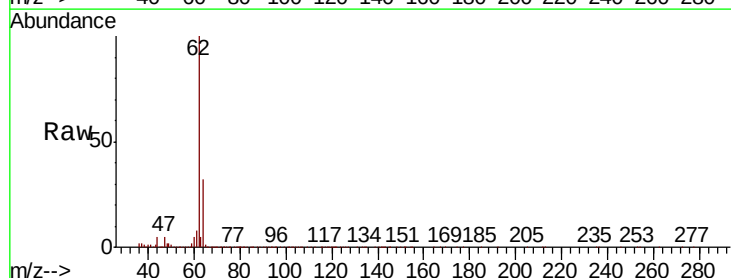
Instrument :
MSVOA_X
ClientSampleId :

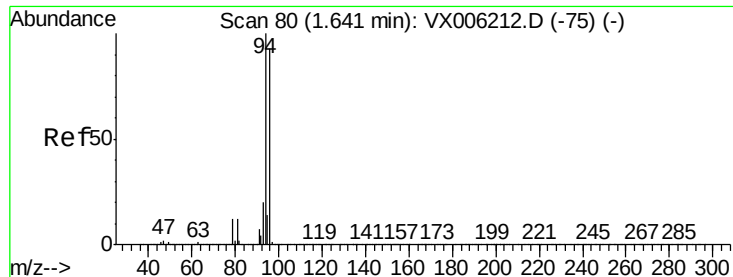
Tot Ion: 50 Resp: 119853
Ion Ratio Lower Upper
50 100
52 33.7 25.2 37.8



#4
Vinyl Chloride
Concen: 17.774 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 62 Resp: 132897
Ion Ratio Lower Upper
62 100
64 31.9 24.9 37.3





#5

Bromomethane

Concen: 17.246 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

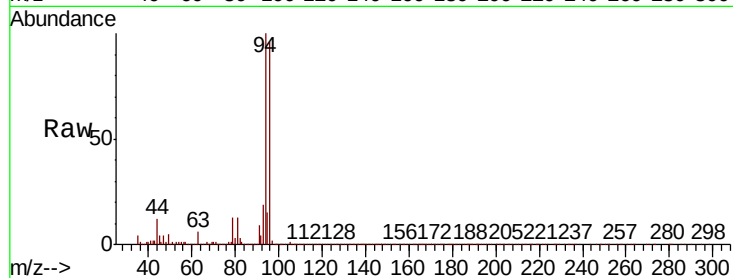
ClientSampleId :

Tot Ion: 94 Resp: 89367

Ion Ratio Lower Upper

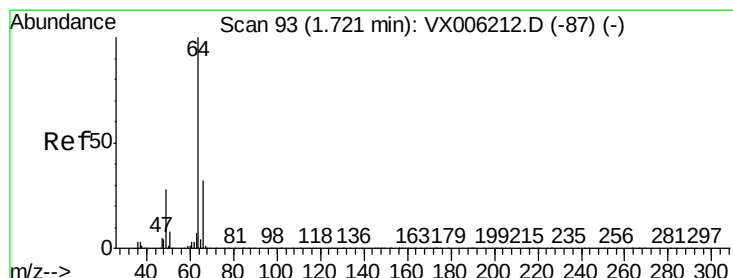
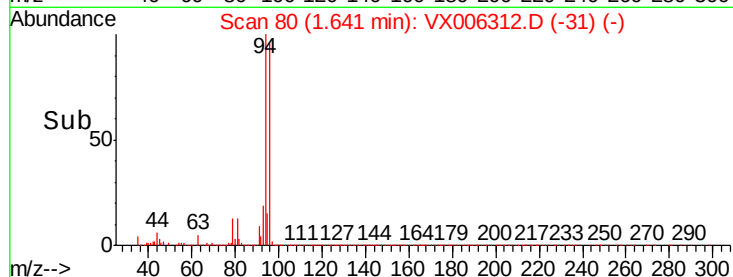
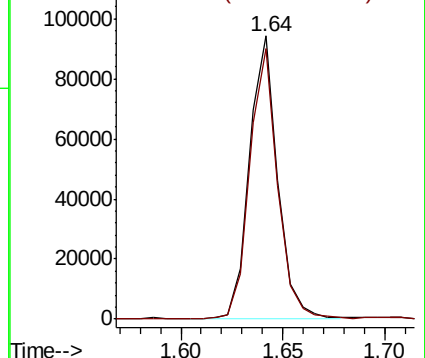
94 100

96 95.5 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.768 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006312.D

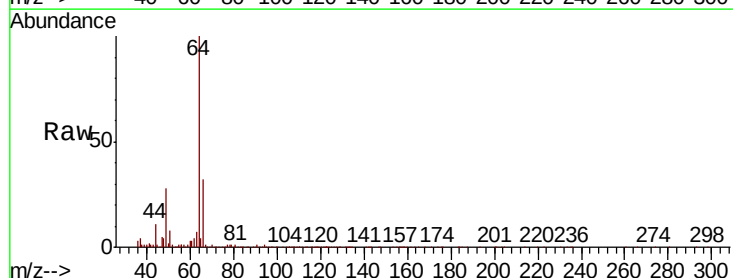
Acq: 06 Dec 2018 12:32

Tgt Ion: 64 Resp: 86043

Ion Ratio Lower Upper

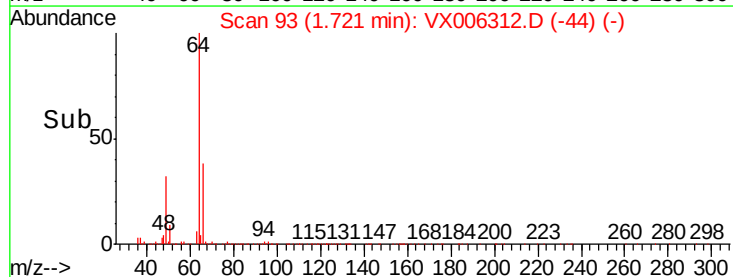
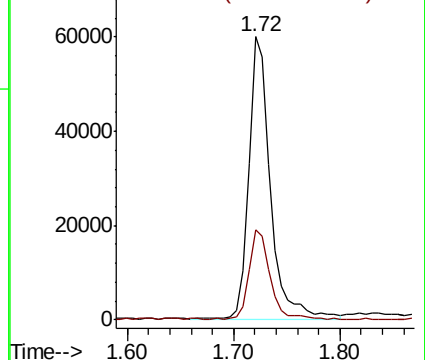
64 100

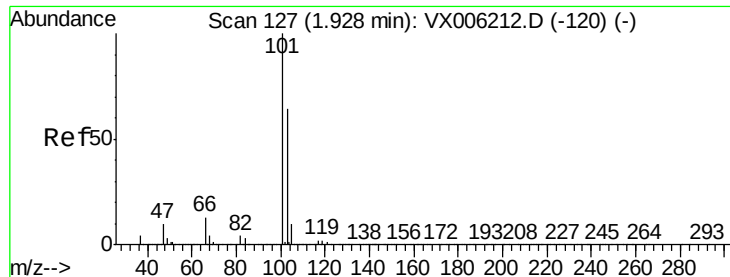
66 31.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



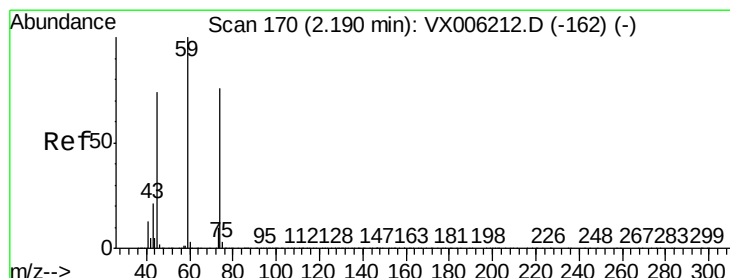
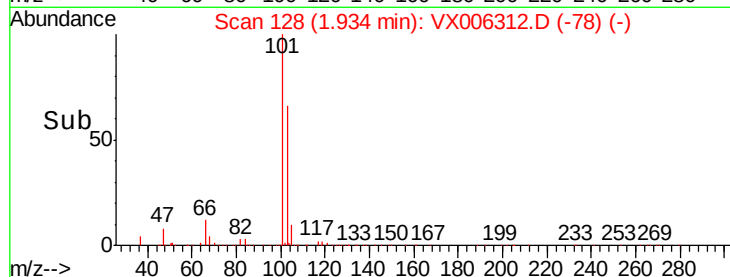
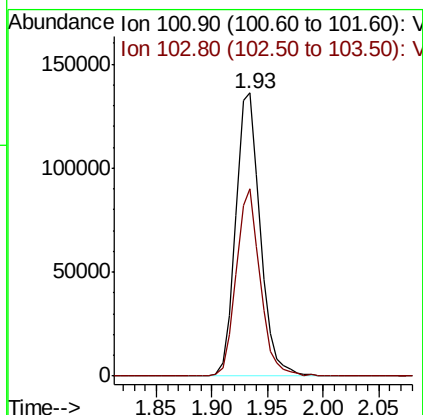
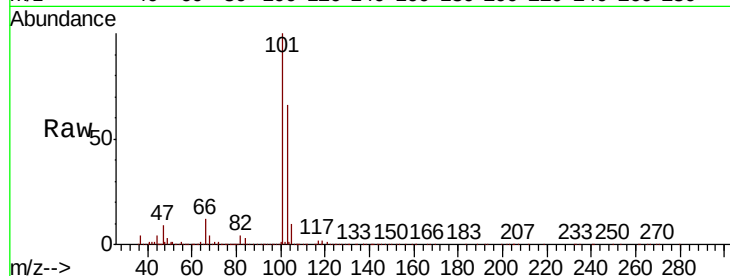


#7

Trichlorofluoromethane
Concen: 18.080 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

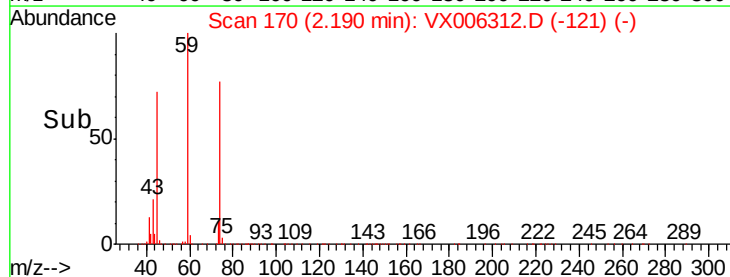
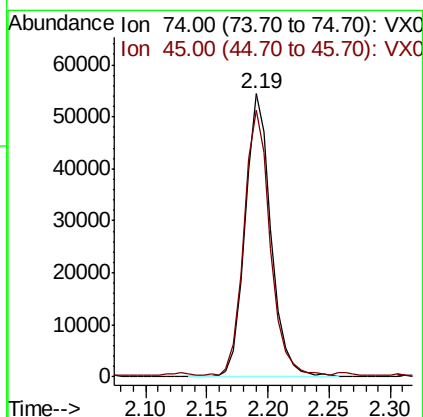
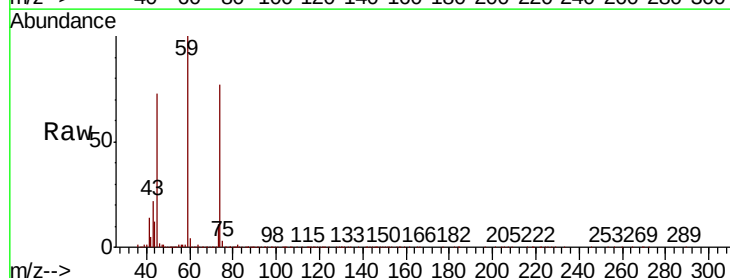
Tot Ion:101 Resp: 207517
Ion Ratio Lower Upper
101 100
103 66.1 51.0 76.4

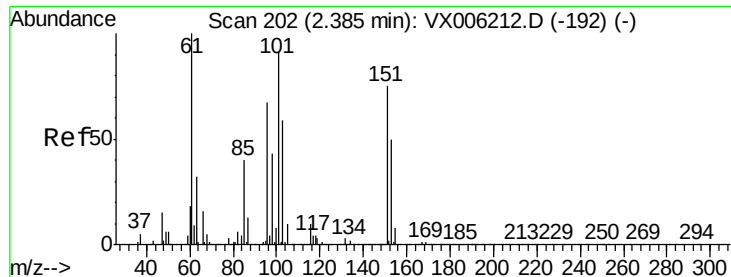


#8

Diethyl Ether
Concen: 18.204 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 74 Resp: 79078
Ion Ratio Lower Upper
74 100
45 95.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.023 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

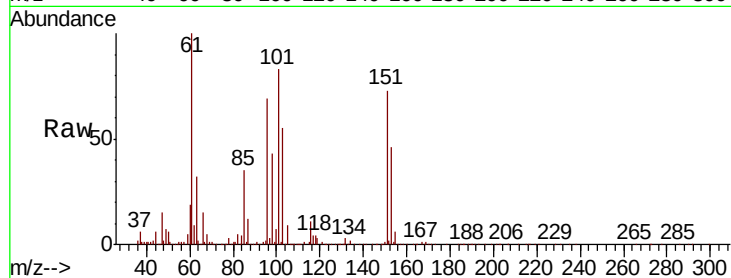
Tot Ion:101 Resp: 117626

Ion Ratio Lower Upper

101 100

85 42.7 35.5 53.3

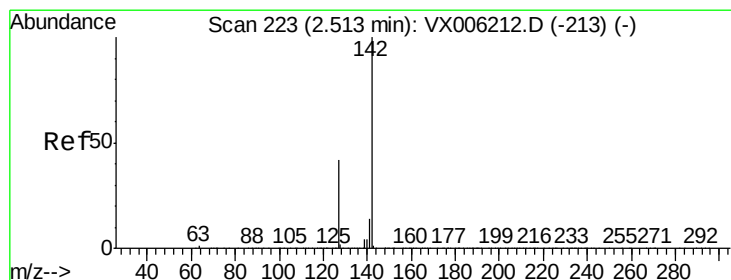
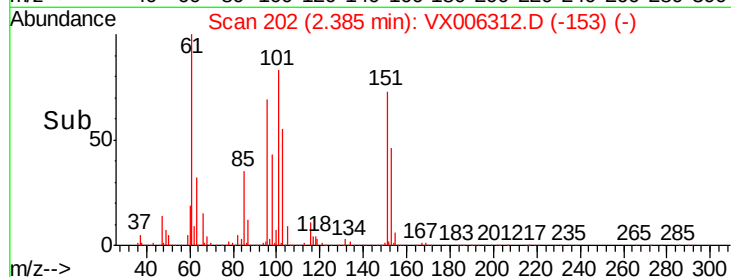
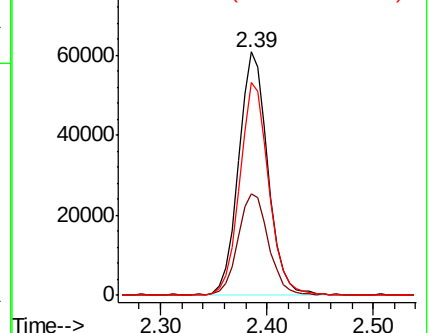
151 86.8 68.6 103.0



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: 15.258 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

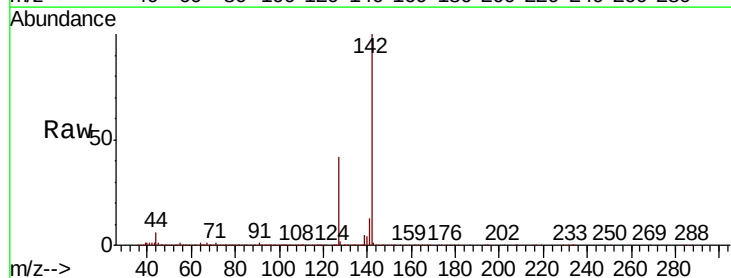
Tgt Ion:142 Resp: 150074

Ion Ratio Lower Upper

142 100

127 42.6 34.8 52.2

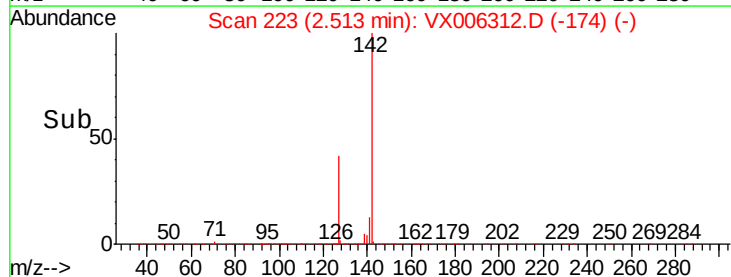
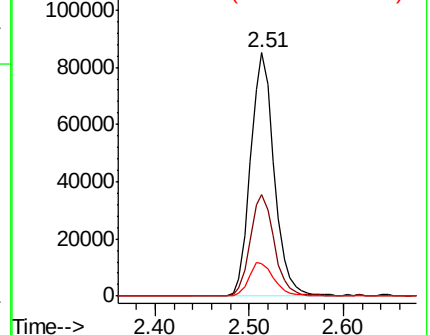
141 14.3 11.4 17.2

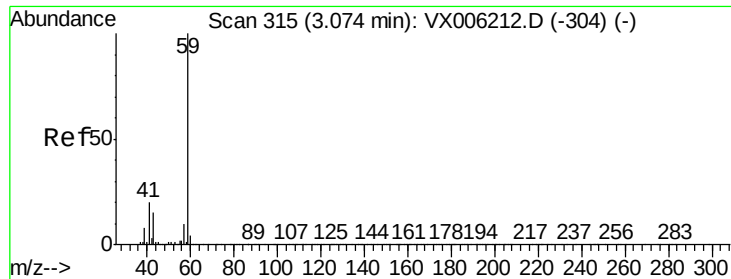


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

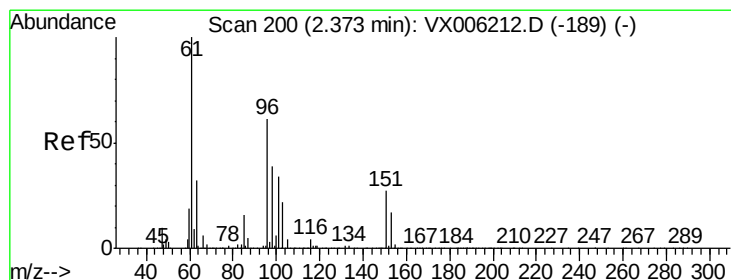
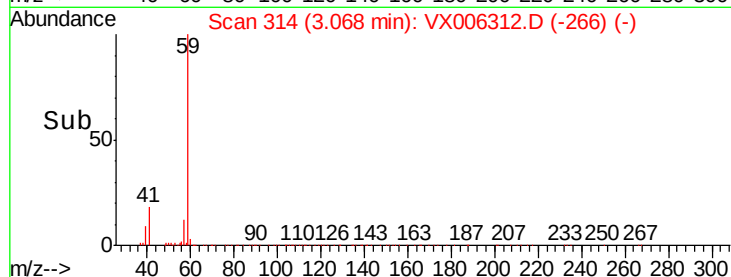
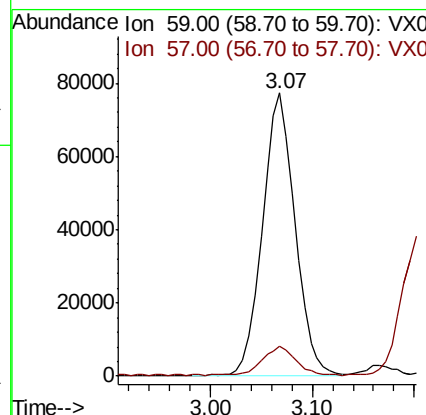
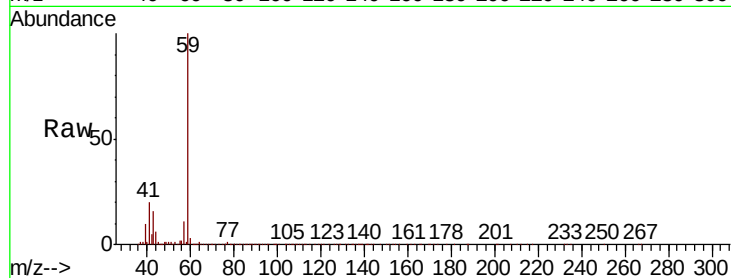




#11
Tert butyl alcohol
Concen: 88.804 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

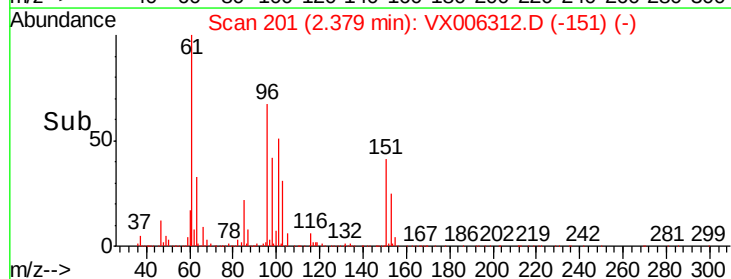
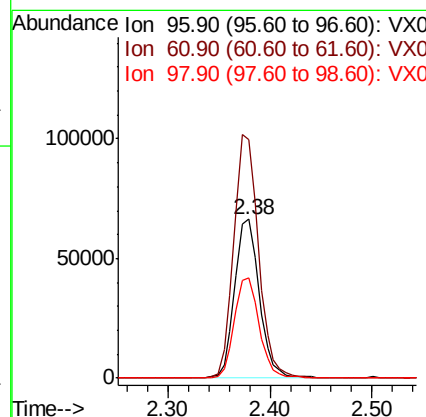
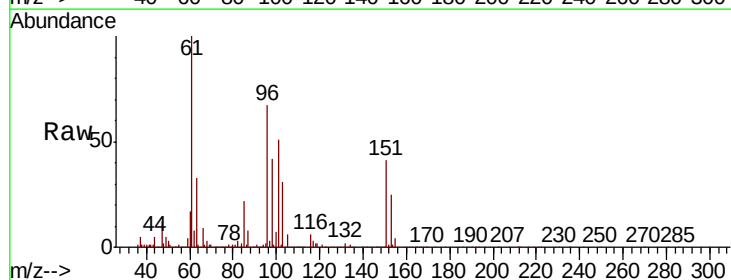
Instrument :
MSVOA_X
ClientSampled :

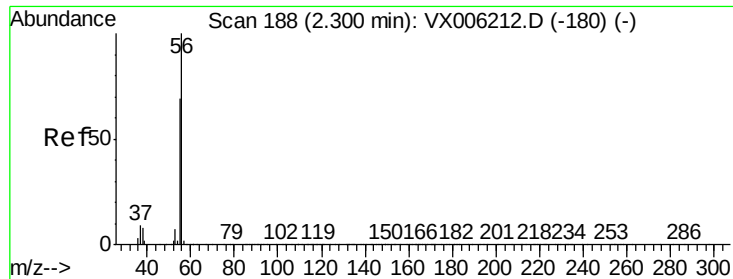
Tot Ion: 59 Resp: 171180
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.595 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 96 Resp: 109932
Ion Ratio Lower Upper
96 100
61 150.4 131.7 197.5
98 63.6 51.8 77.6

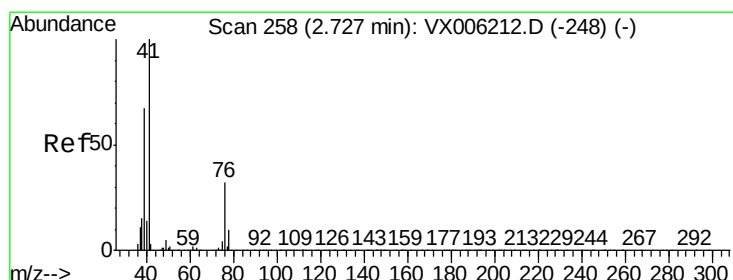
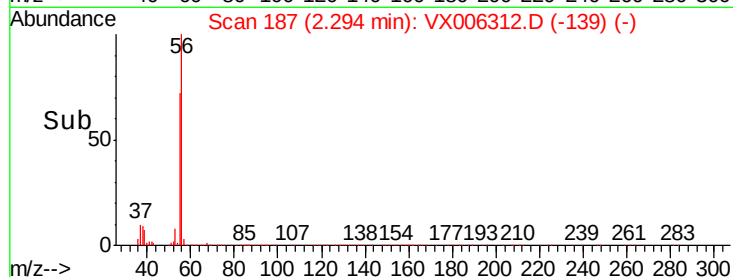
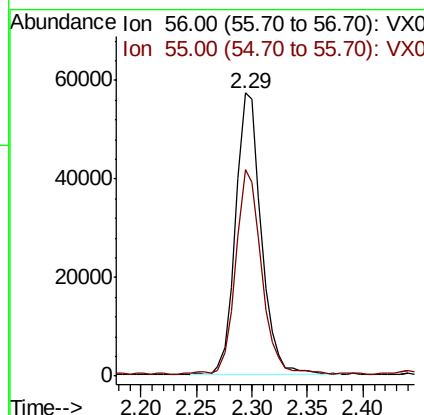
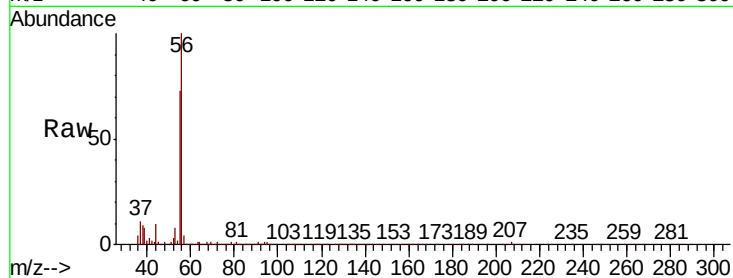




#13
Acrolein
Concen: 87.139 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

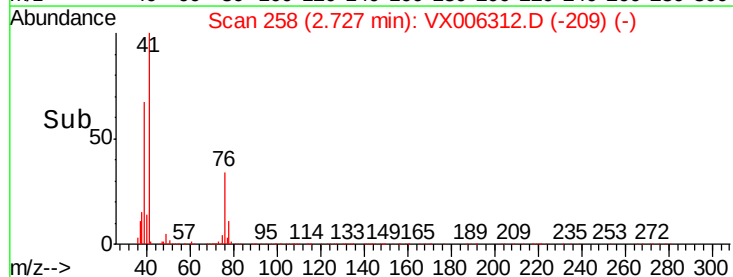
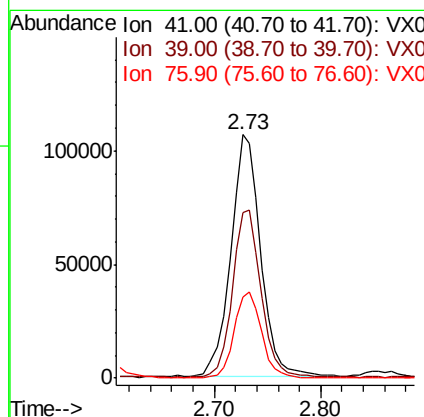
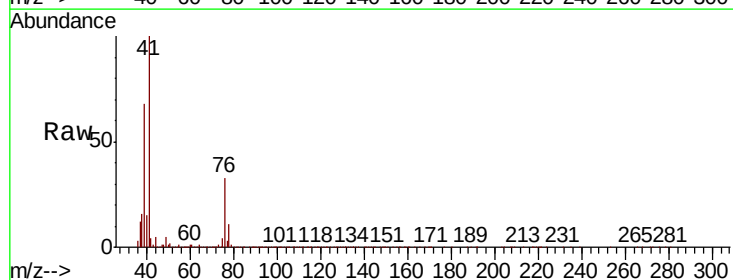
Instrument :
MSVOA_X
ClientSampleId :

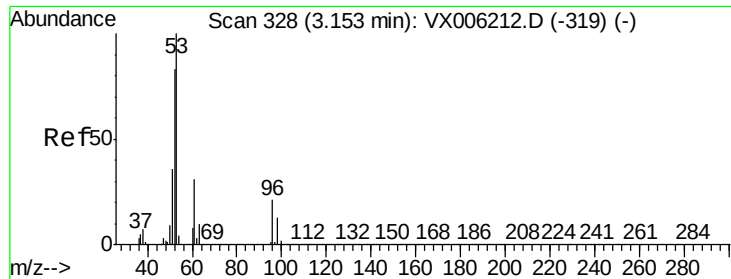
Tot Ion: 56 Resp: 91807
Ion Ratio Lower Upper
56 100
55 72.5 57.8 86.6



#14
Allyl chloride
Concen: 16.857 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 41 Resp: 208046
Ion Ratio Lower Upper
41 100
39 66.6 52.4 78.6
76 33.2 25.4 38.0

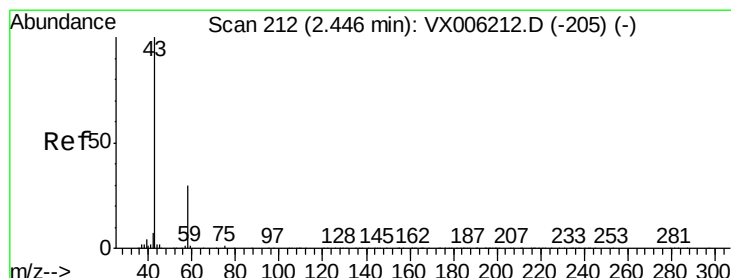
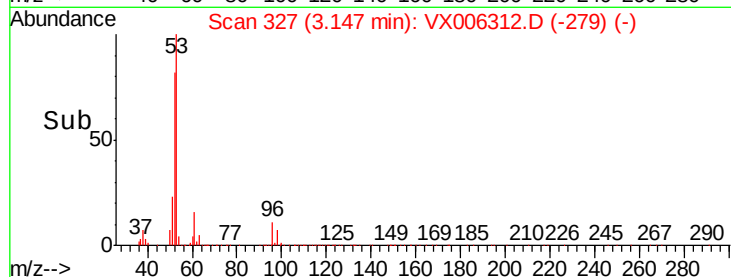
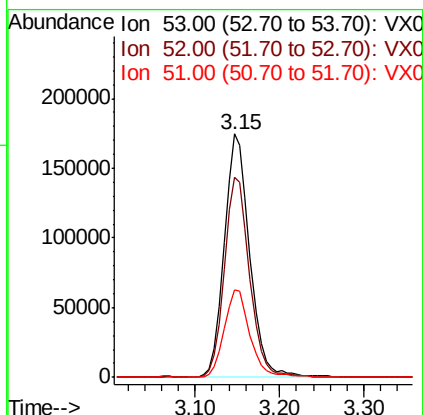
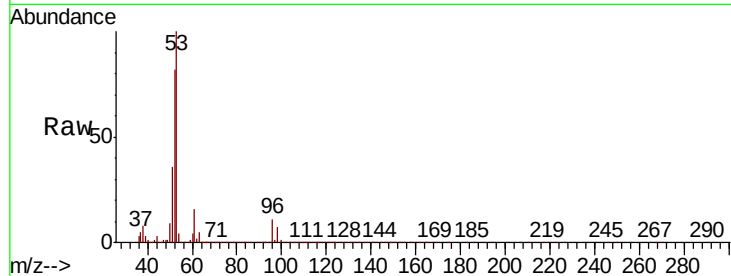




#15
 Acrylonitrile
 Concen: 88.772 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

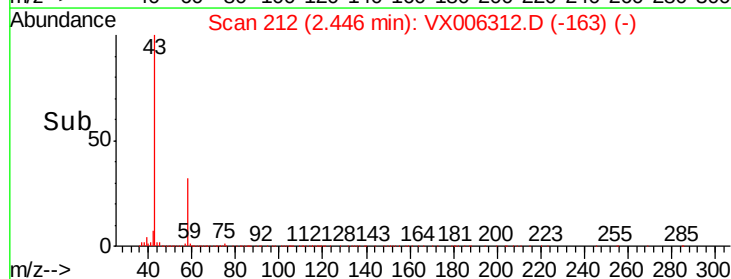
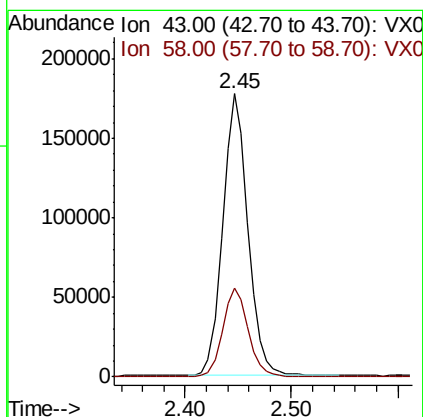
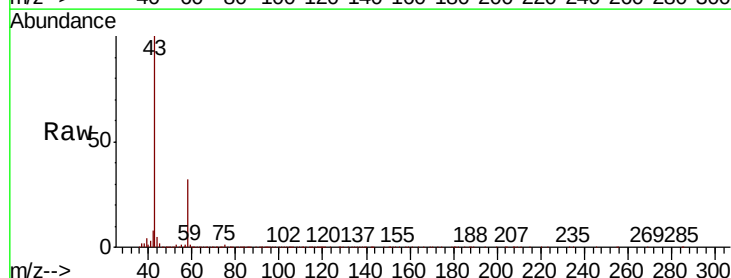
Instrument :
 MSVOA_X
 ClientSampleId :

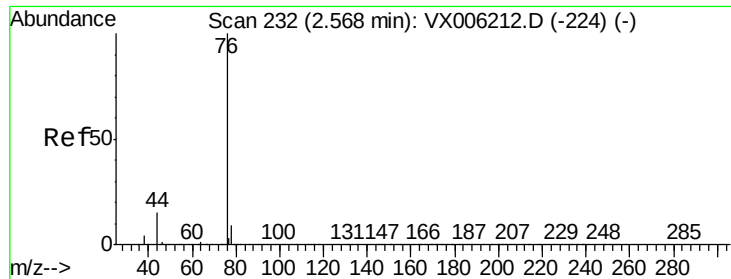
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.4
51	36.4	28.7	43.1



#16
 Acetone
 Concen: 87.621 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.0	36.0





#17

Carbon Disulfide

Concen: 15.899 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

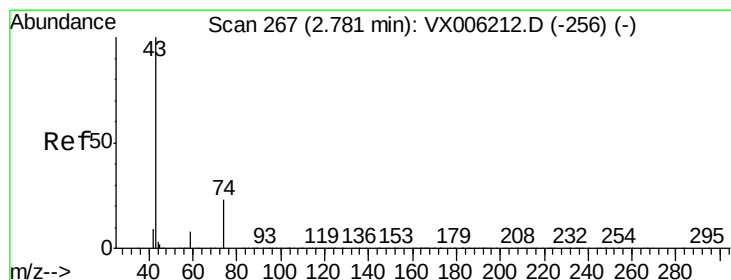
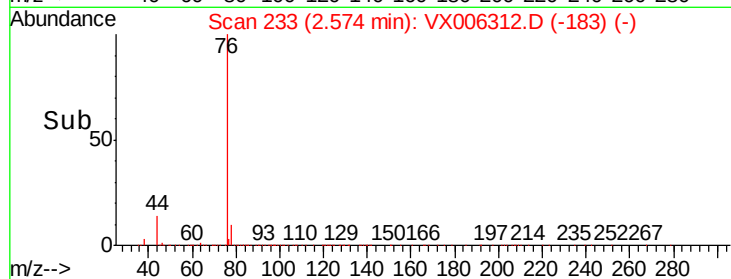
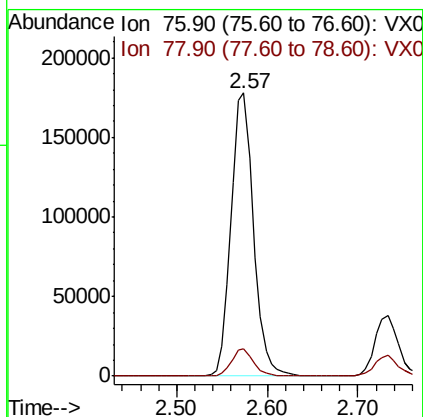
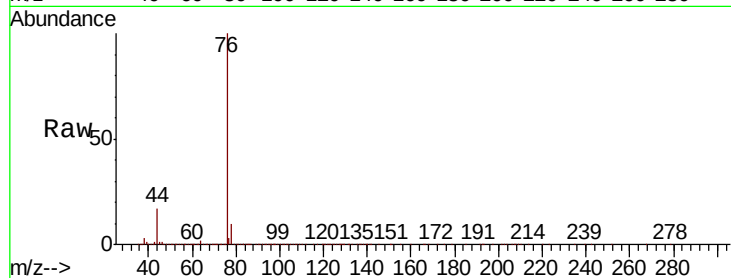
ClientSampleId :

Tot Ion: 76 Resp: 306087

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



#18

Methyl Acetate

Concen: 18.398 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006312.D

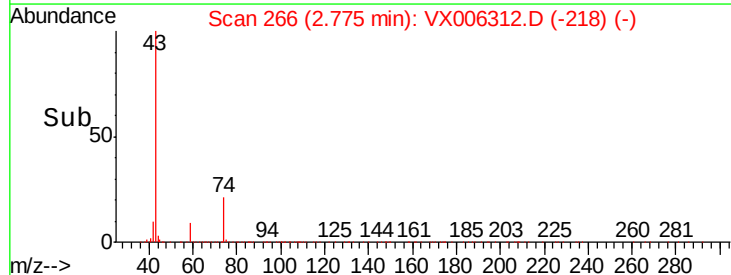
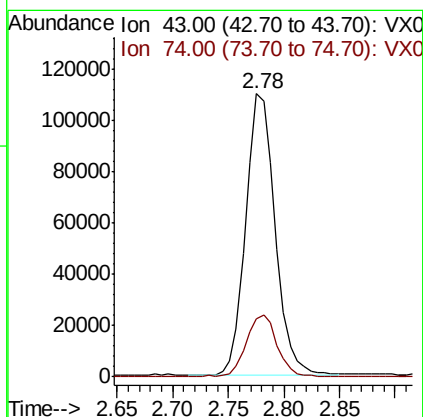
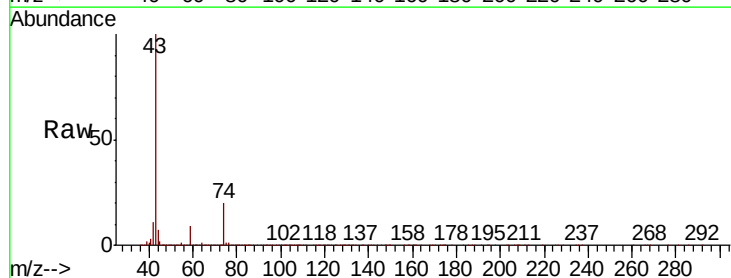
Acq: 06 Dec 2018 12:32

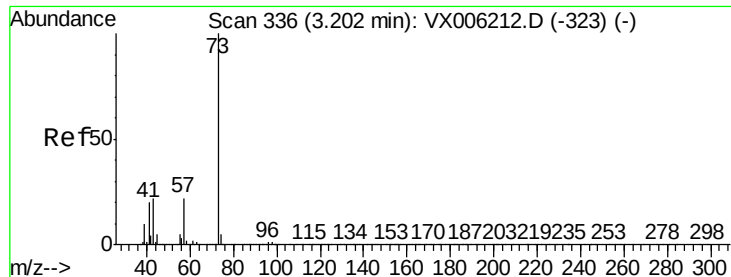
Tgt Ion: 43 Resp: 203518

Ion Ratio Lower Upper

43 100

74 23.0 17.9 26.9



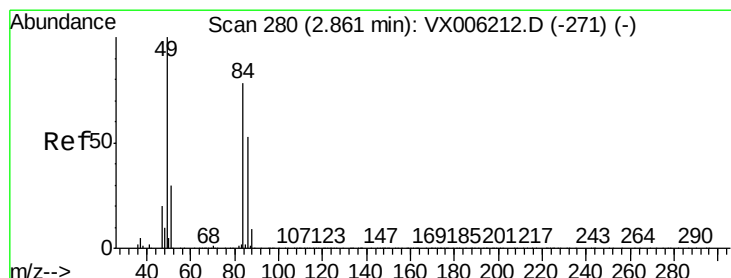
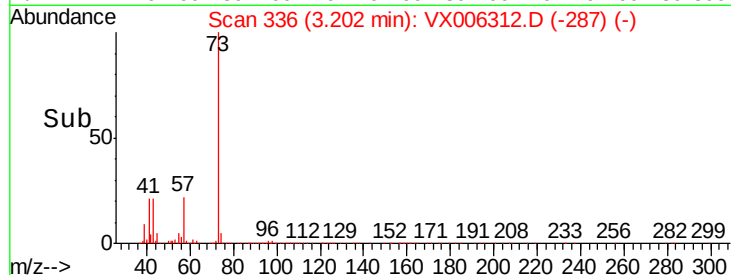
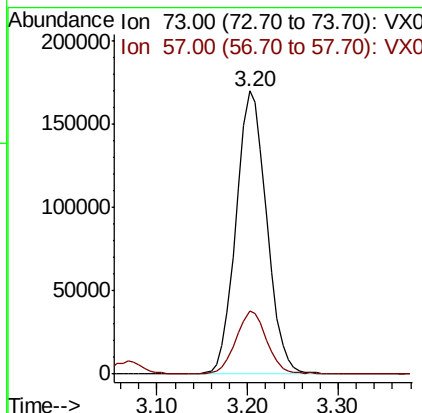
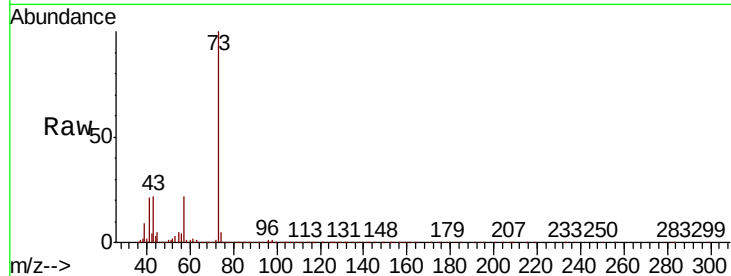


#19

Methyl tert-butyl Ether
 Concen: 17.837 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

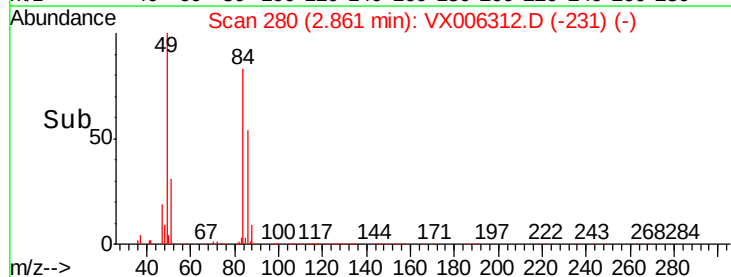
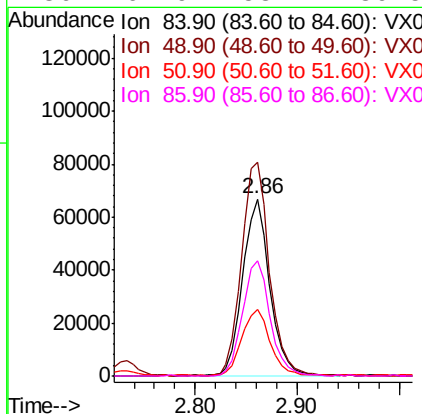
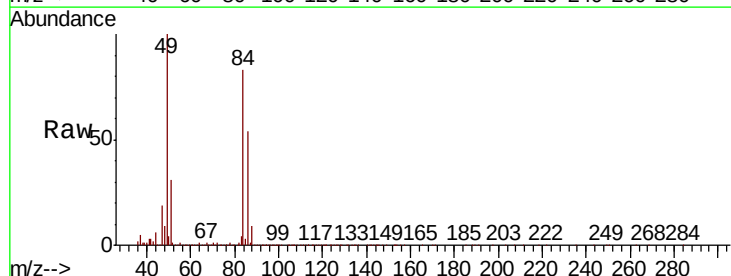
Tot Ion: 73 Resp: 397556
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.5 26.3

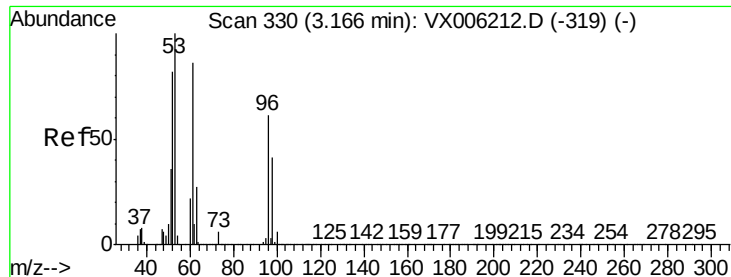


#20

Methylene Chloride
 Concen: 17.452 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion: 84 Resp: 122861
 Ion Ratio Lower Upper
 84 100
 49 120.8 102.2 153.4
 51 37.2 31.1 46.7
 86 64.9 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 17.672 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

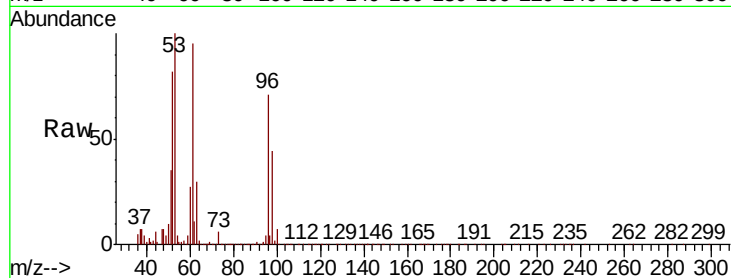
Tot Ion: 96 Resp: 117659

Ion Ratio Lower Upper

96 100

61 132.8 113.3 169.9

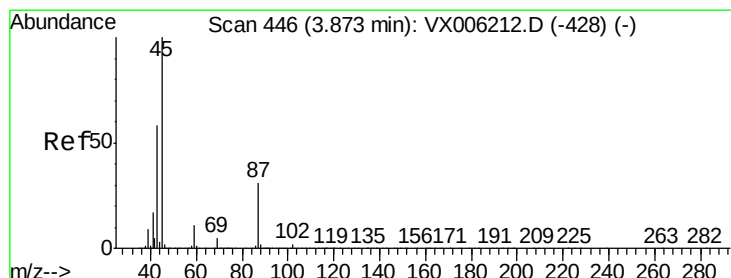
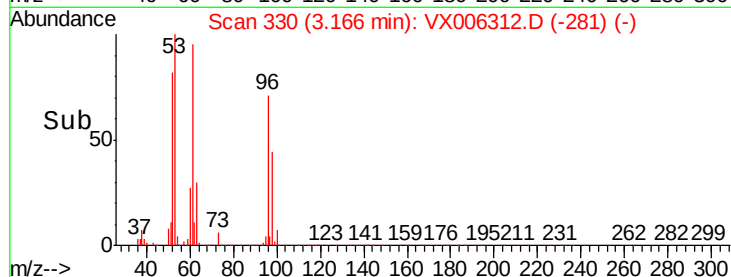
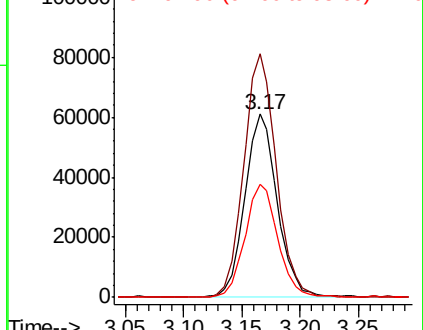
98 61.8 53.2 79.8



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: 18.405 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion: 45 Resp: 354798

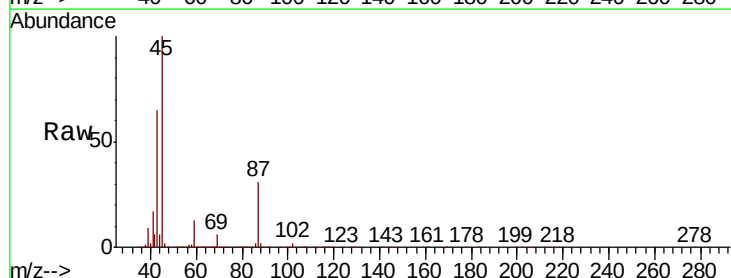
Ion Ratio Lower Upper

45 100

43 63.9 46.2 69.2

87 30.7 24.9 37.3

59 12.7 9.1 13.7

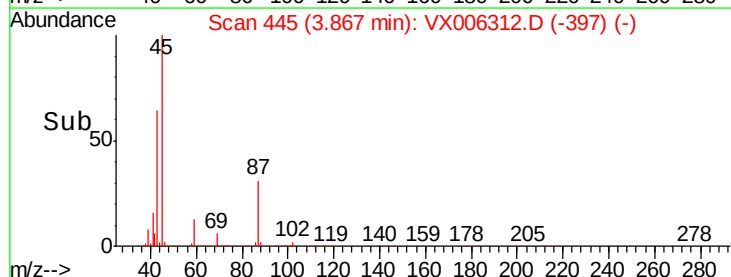
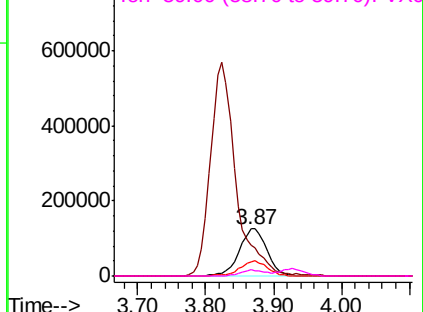


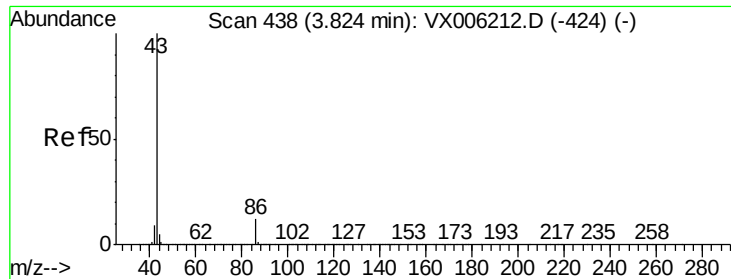
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.388 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

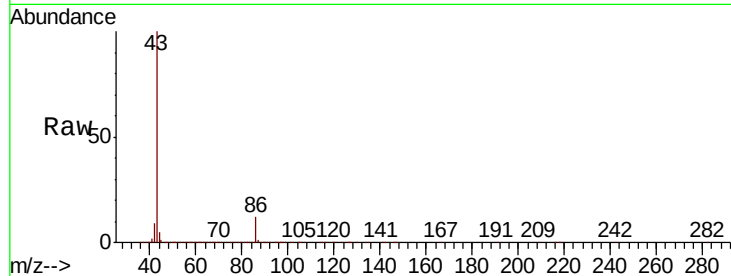
ClientSampled :

Tot Ion: 43 Resp: 1486152

Ion Ratio Lower Upper

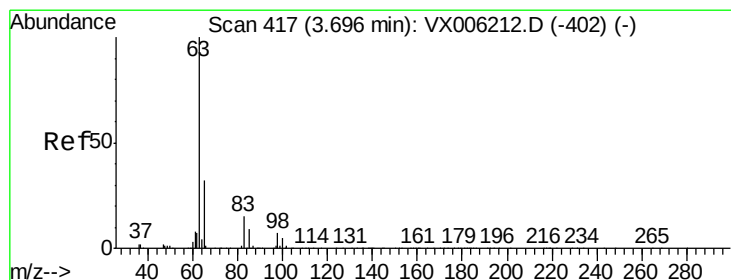
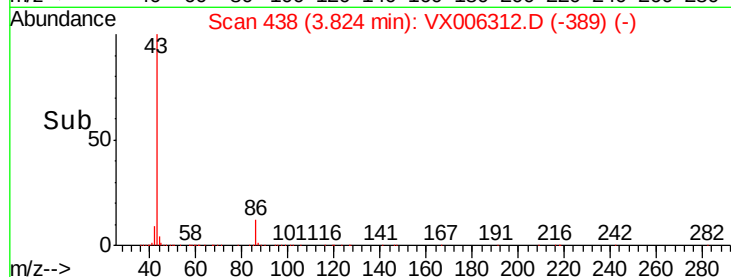
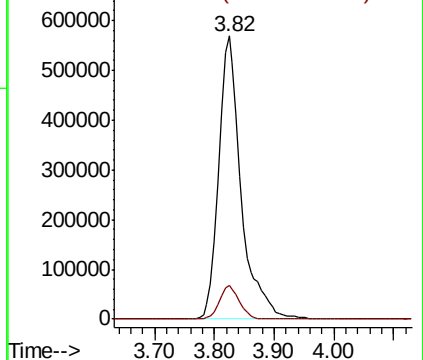
43 100

86 12.1 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.695 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

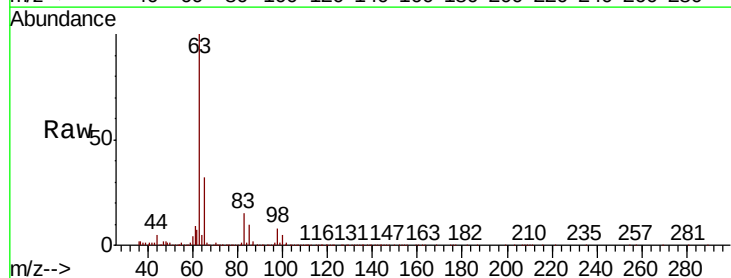
Tgt Ion: 63 Resp: 205985

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

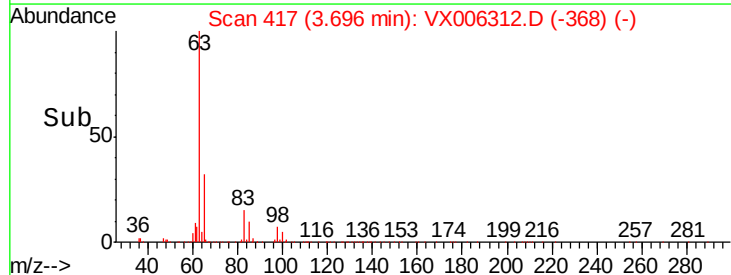
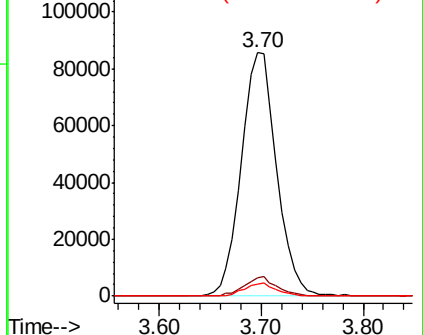
100 4.8 2.5 7.4

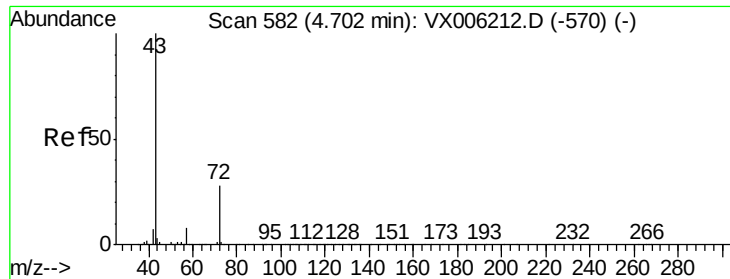


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 91.325 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

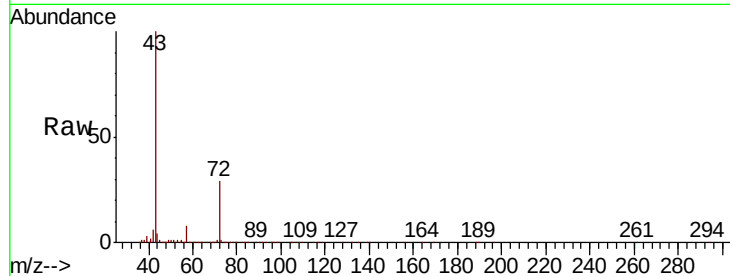
ClientSampleId :

Tot Ion: 43 Resp: 431037

Ion Ratio Lower Upper

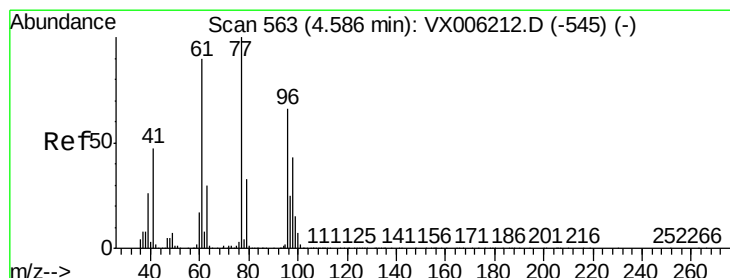
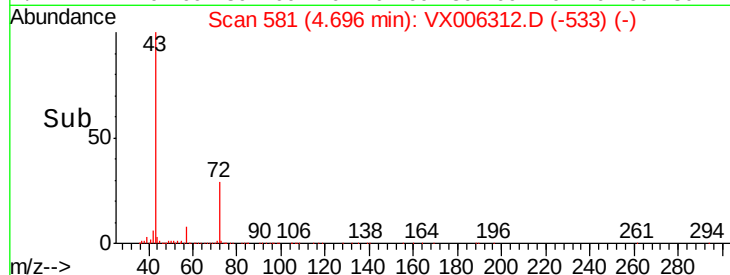
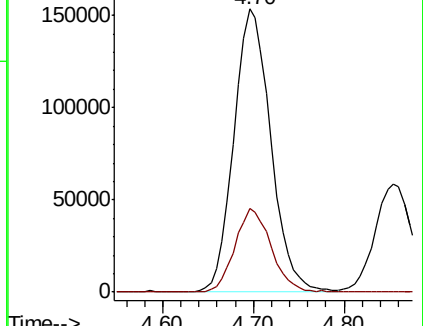
43 100

72 29.3 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.505 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006312.D

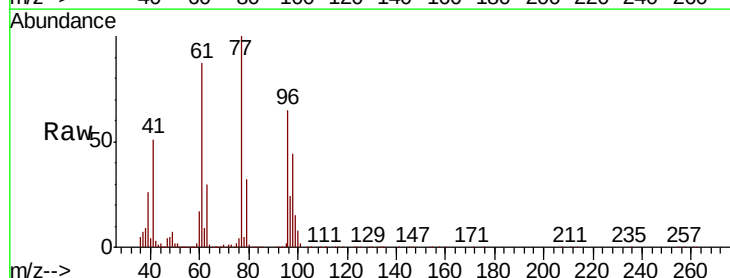
Acq: 06 Dec 2018 12:32

Tgt Ion: 77 Resp: 188171

Ion Ratio Lower Upper

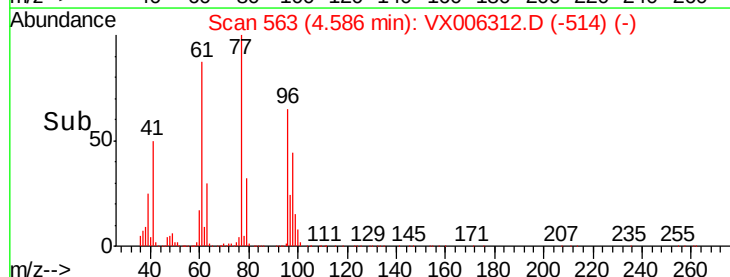
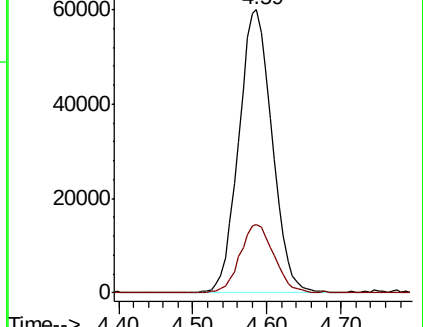
77 100

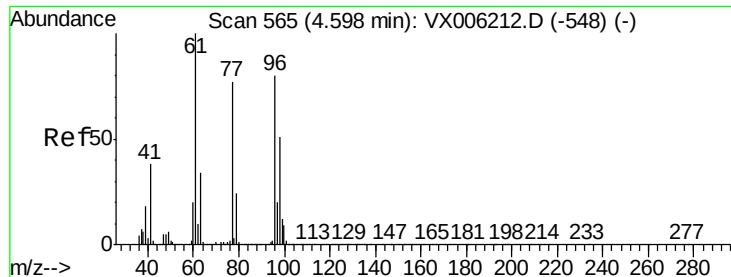
97 24.8 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



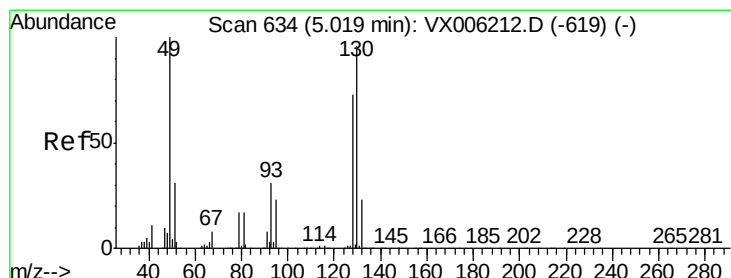
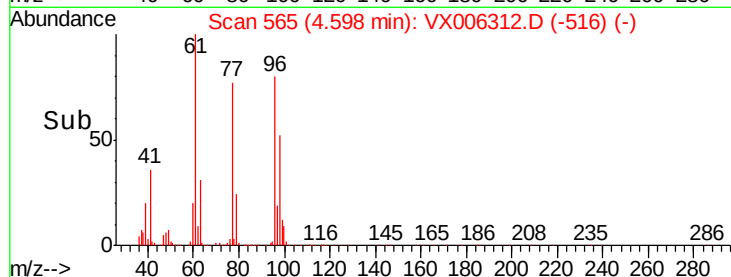
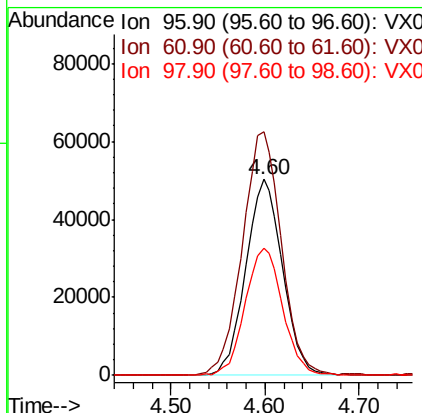
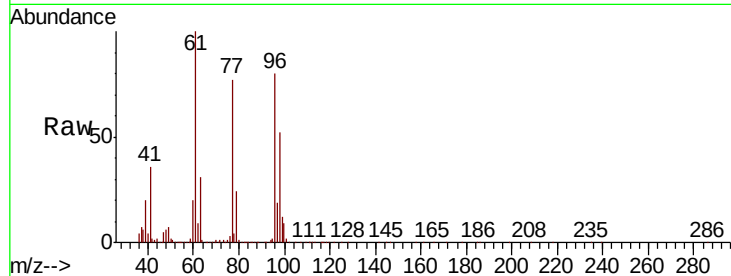


#27

cis-1,2-Dichloroethene
Concen: 18.459 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :

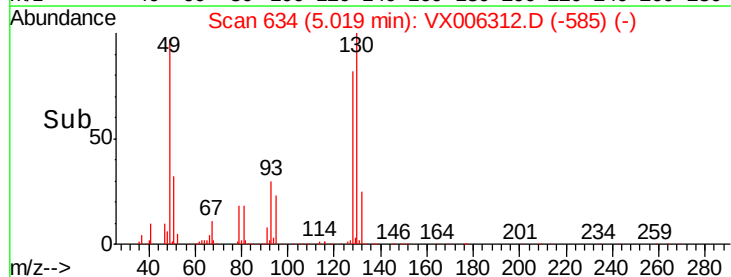
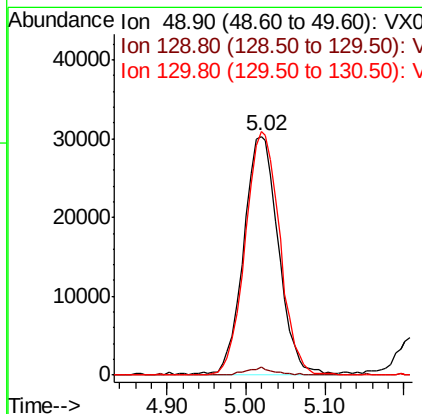
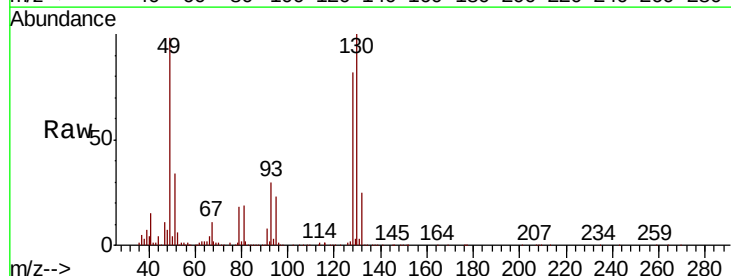
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	265.0
98	67.0	0.0	130.2

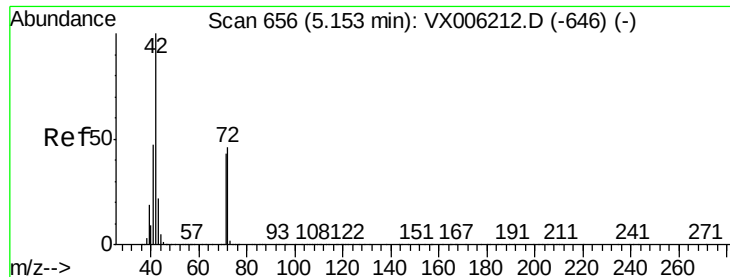


#28

Bromochloromethane
Concen: 19.364 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	100.6	78.3	117.5





#29

Tetrahydrofuran

Concen: 89.904 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

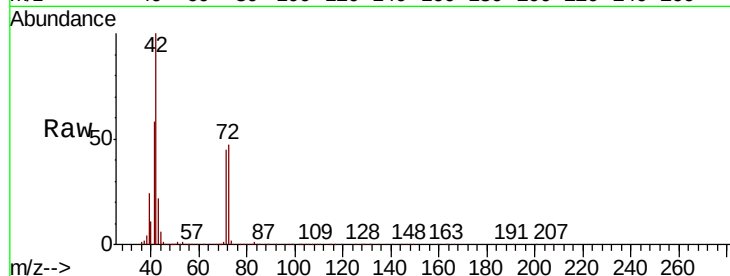
Tot Ion: 42 Resp: 294908

Ion Ratio Lower Upper

42 100

72 48.3 37.8 56.8

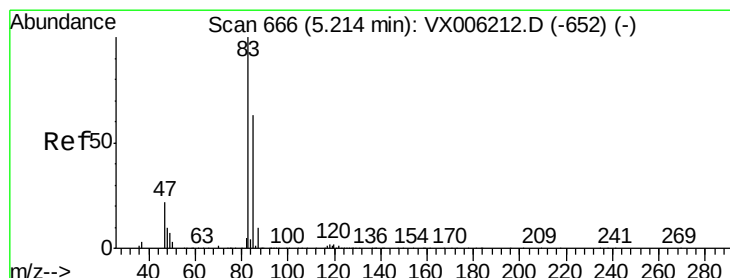
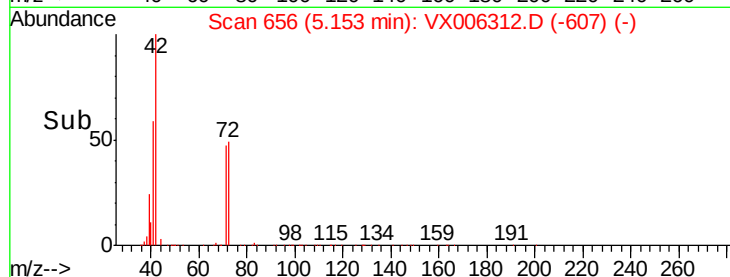
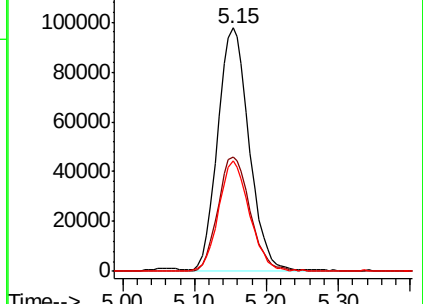
71 44.9 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.833 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006312.D

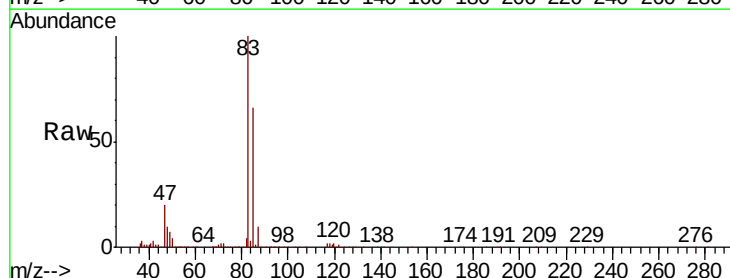
Acq: 06 Dec 2018 12:32

Tgt Ion: 83 Resp: 218073

Ion Ratio Lower Upper

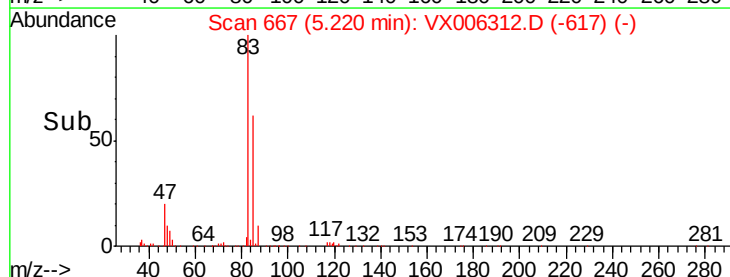
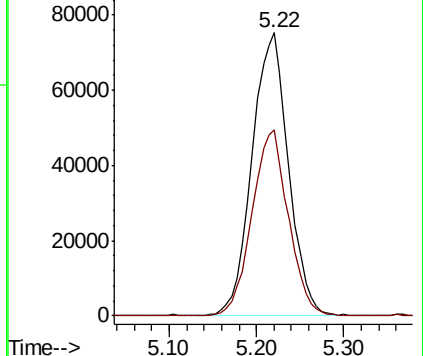
83 100

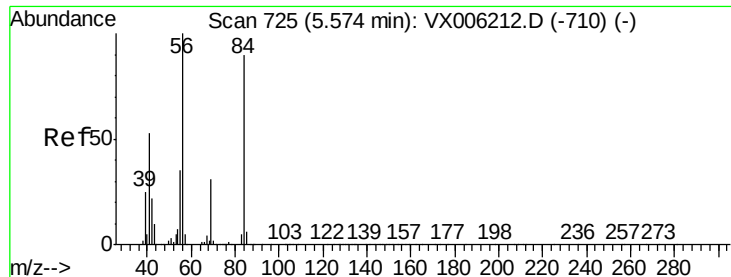
85 65.9 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

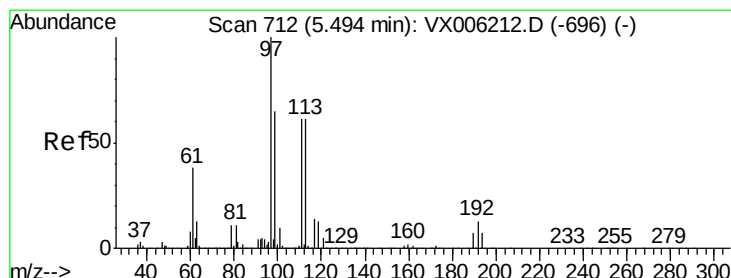
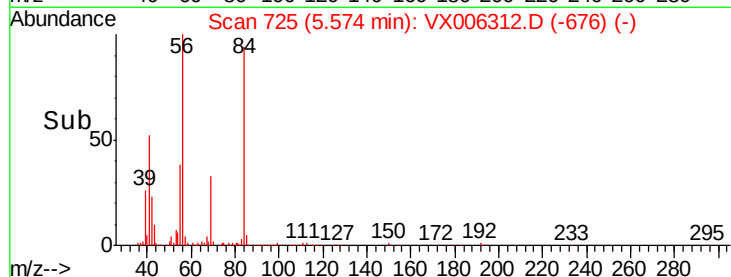
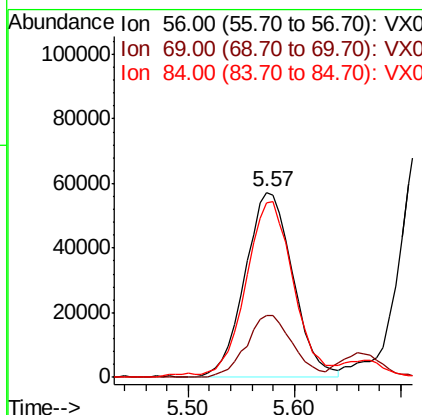
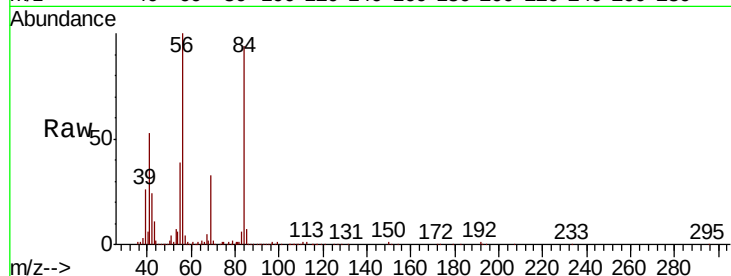




#31
Cyclohexane
Concen: 17.688 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

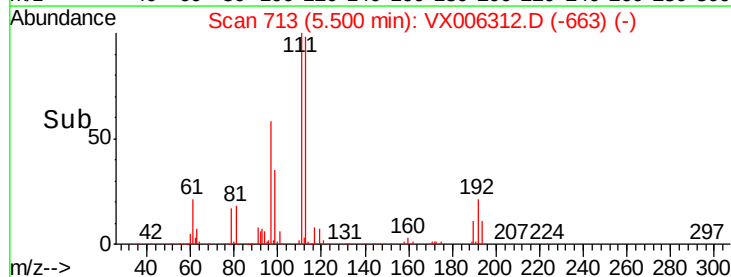
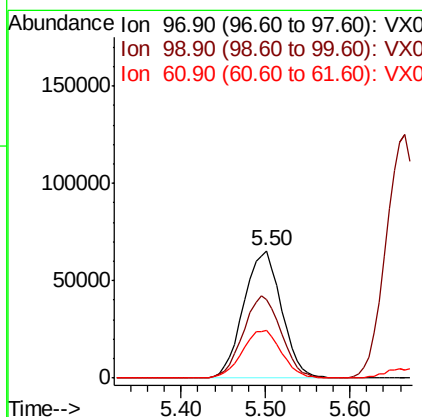
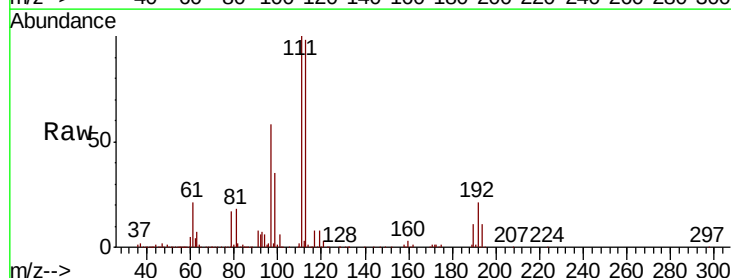
Instrument :
MSVOA_X
ClientSampleId :

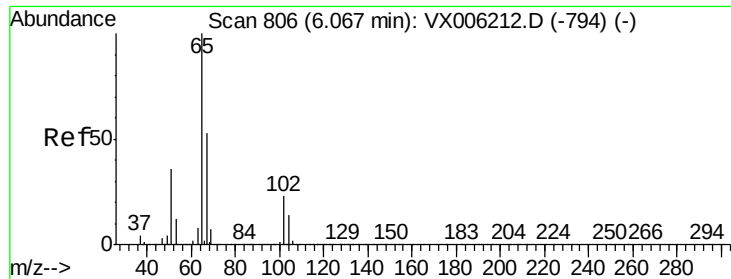
Tot Ion: 56 Resp: 180117
Ion Ratio Lower Upper
56 100
69 33.0 24.5 36.7
84 91.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.035 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 97 Resp: 198691
Ion Ratio Lower Upper
97 100
99 65.2 51.6 77.4
61 39.1 30.6 46.0

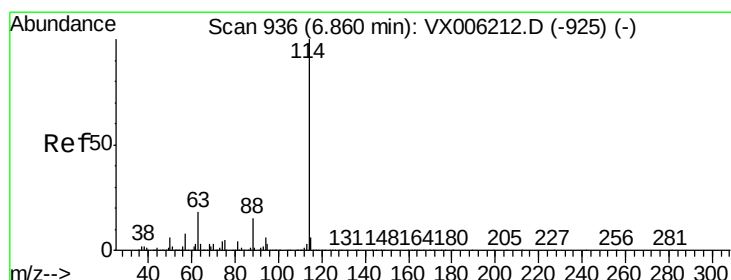
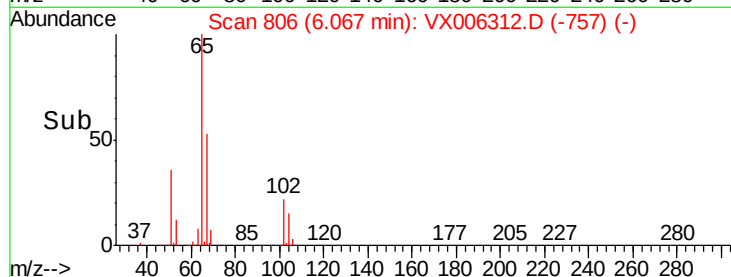
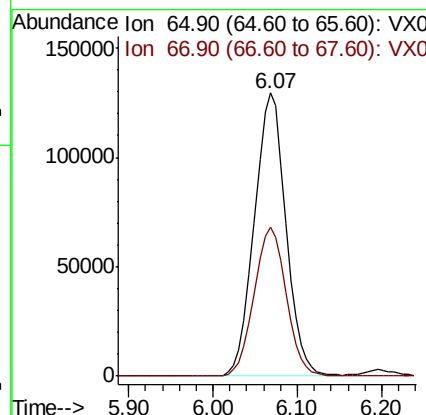
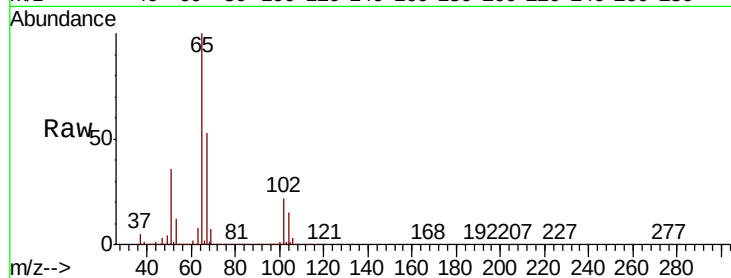




#33
 1,2-Dichloroethane-d4
 Concen: 46.916 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

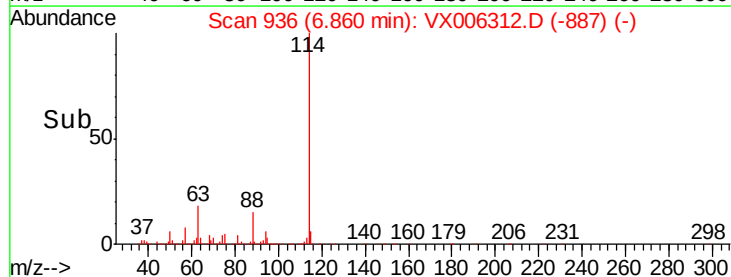
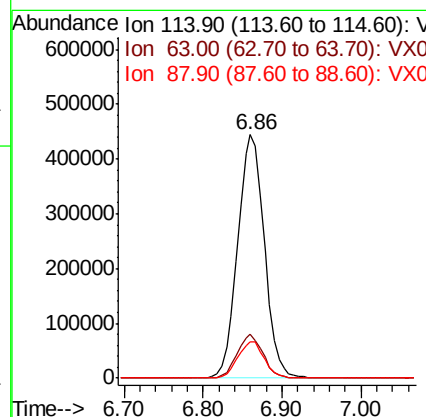
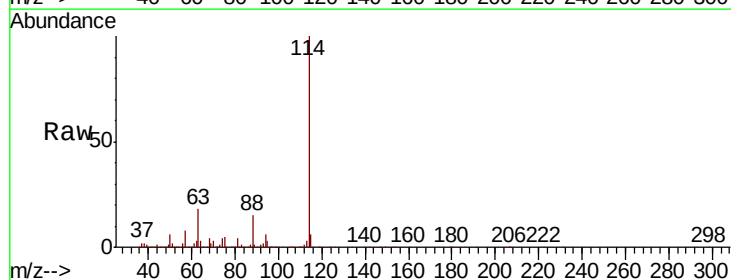
Instrument :
 MSVOA_X
 ClientSampleId :

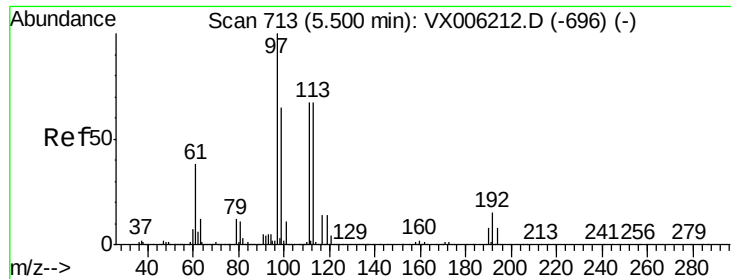
Tot Ion: 65 Resp: 330687
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion: 114 Resp: 1044306
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.6
 88 15.1 0.0 29.0





#35

Dibromofluoromethane

Concen: 47.041 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

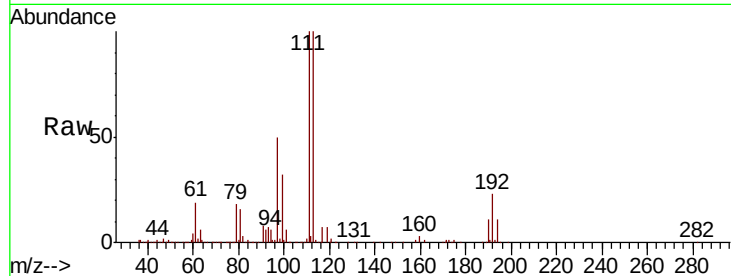
Tot Ion:113 Resp: 318067

Ion Ratio Lower Upper

113 100

111 100.3 81.1 121.7

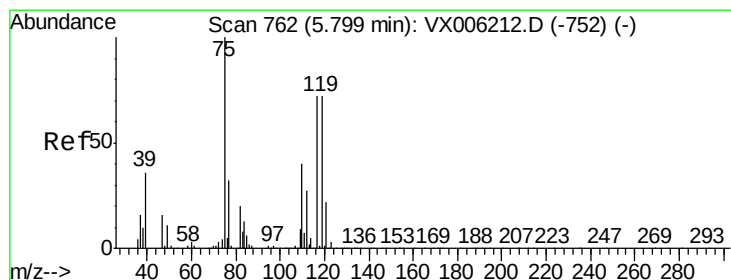
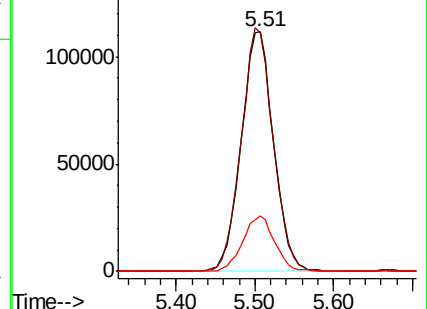
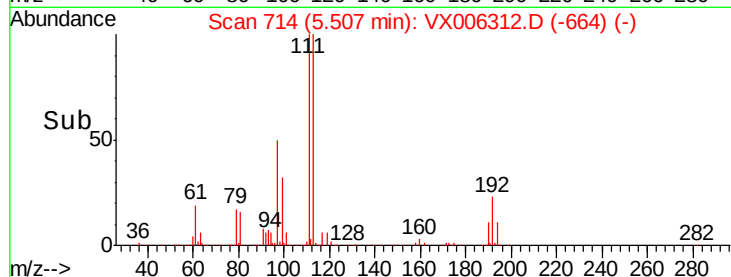
192 22.7 18.2 27.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.562 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

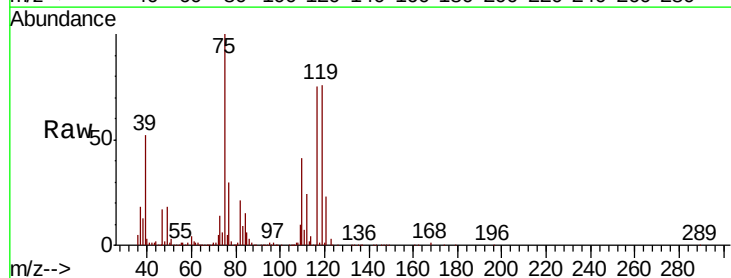
Tgt Ion: 75 Resp: 154444

Ion Ratio Lower Upper

75 100

110 41.5 20.4 61.3

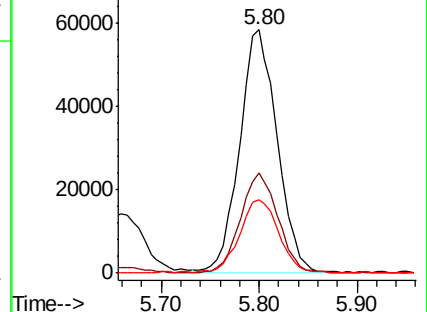
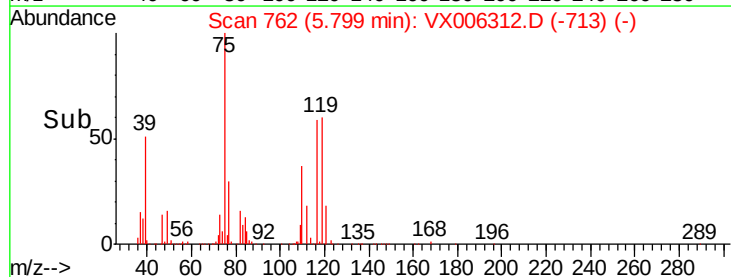
77 30.9 24.9 37.3

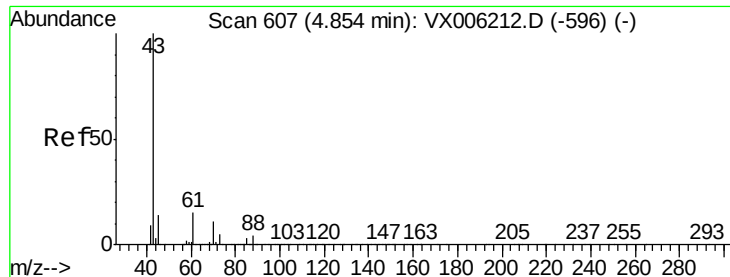


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

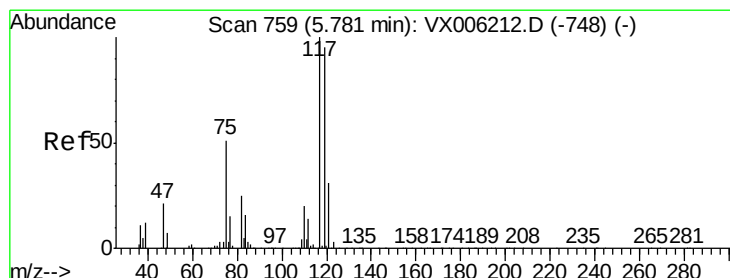
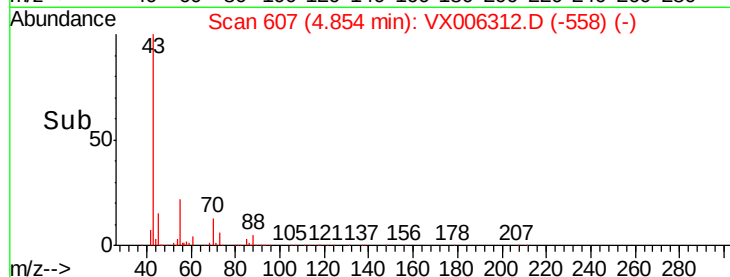
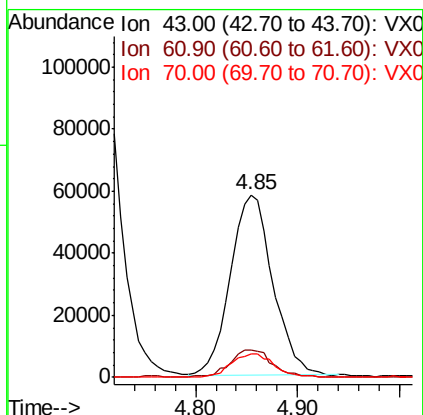
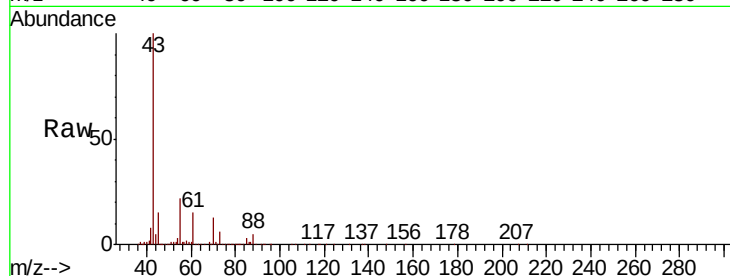




#37
Ethyl Acetate
Concen: 17.046 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

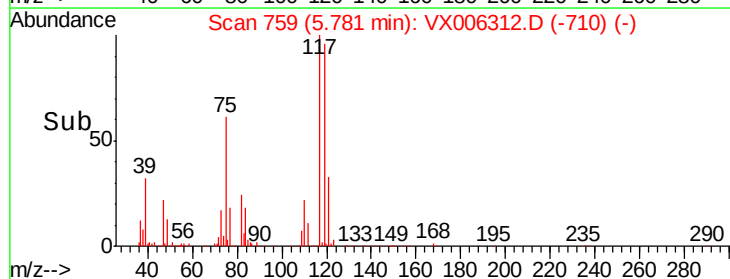
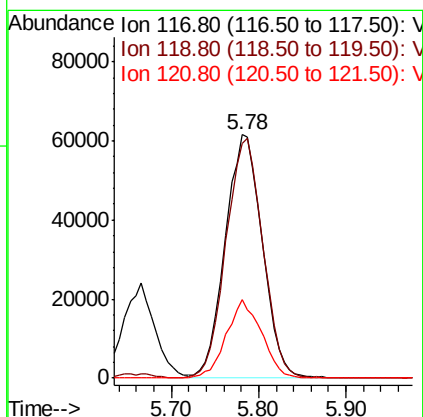
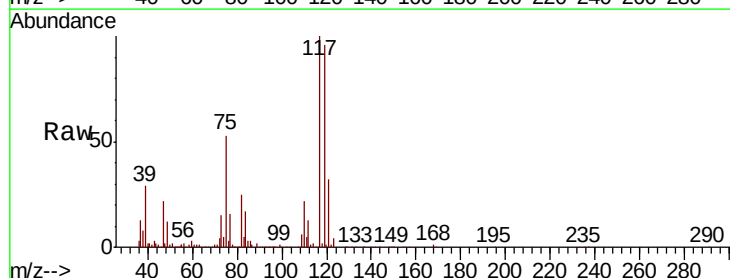
Instrument :
MSVOA_X
ClientSampleId :

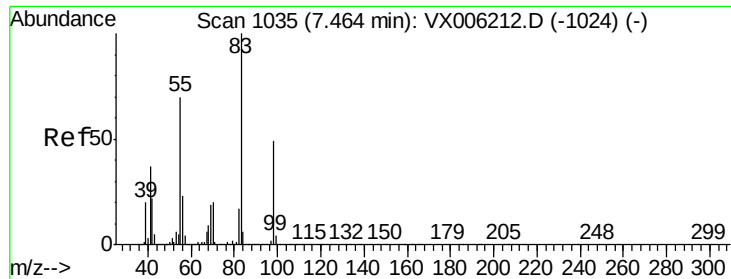
Tot Ion: 43 Resp: 167874
Ion Ratio Lower Upper
43 100
61 14.6 11.5 17.3
70 13.5 9.0 13.6



#38
Carbon Tetrachloride
Concen: 17.564 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 117 Resp: 181707
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 32.0 24.6 37.0

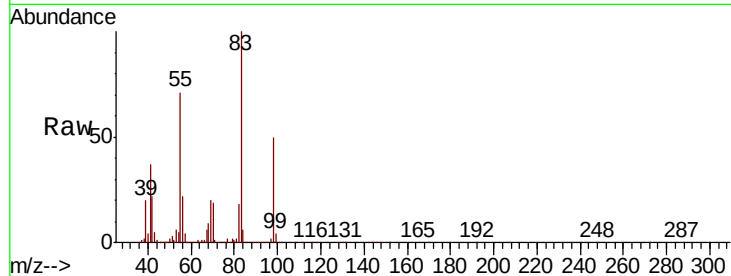




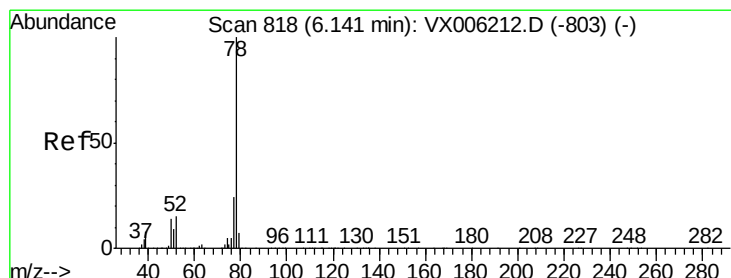
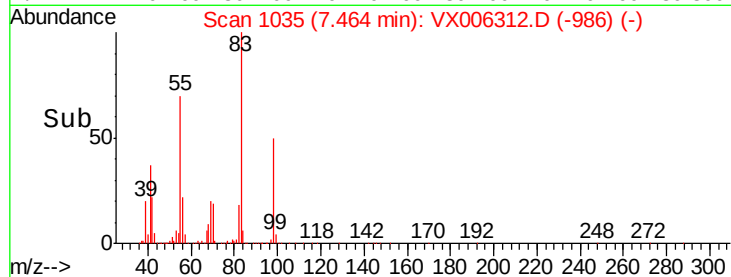
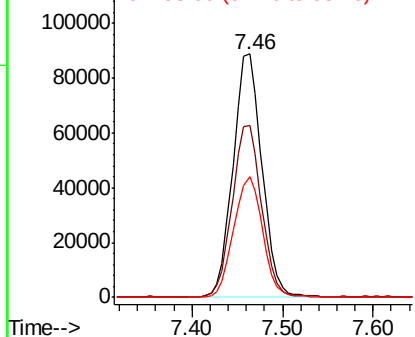
#39
Methylvlcyclohexane
Concen: 17.226 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion	83.00	Resp	196639
Ion Ratio	Lower	Upper	
83	100		
55	70.5	56.4	84.6
98	49.8	39.0	58.6

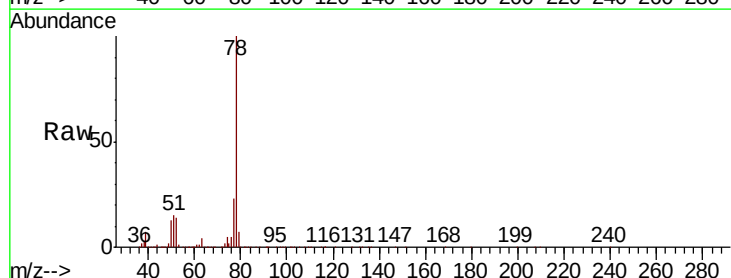


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

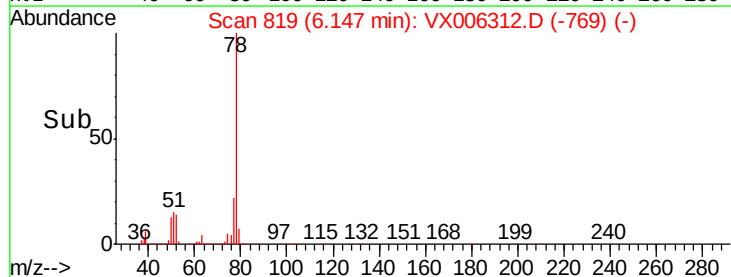
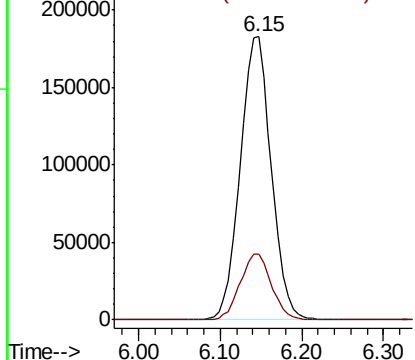


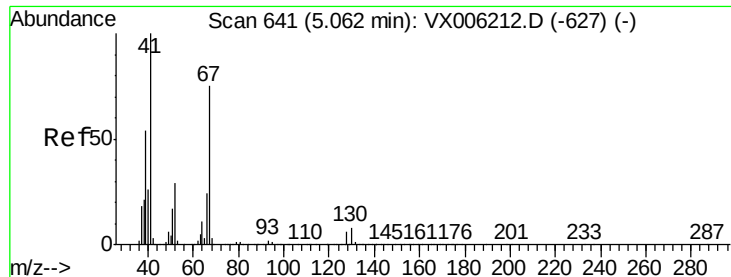
#40
Benzene
Concen: 18.280 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	78.00	Resp	481474
Ion Ratio	Lower	Upper	
78	100		
77	23.1	19.2	28.8



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





#41

Methacrylonitrile

Concen: 16.912 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 91649

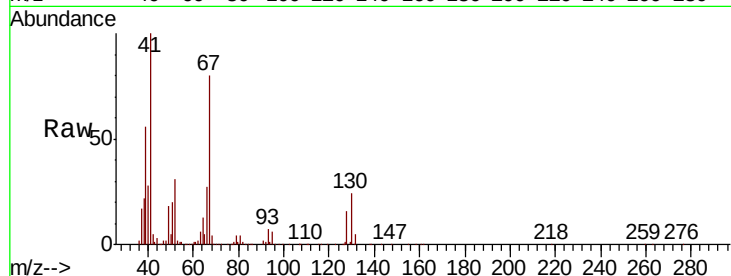
Ion Ratio Lower Upper

41 100

39 54.6 44.0 66.0

67 80.8 61.4 92.0

52 30.3 23.5 35.3

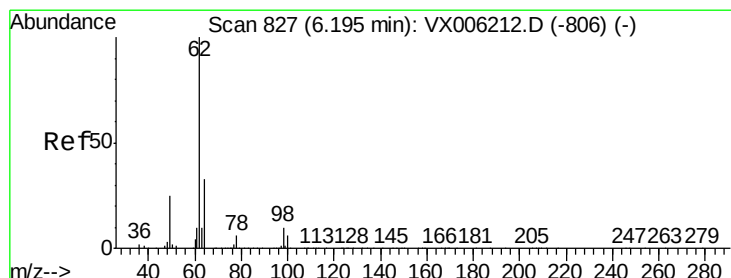
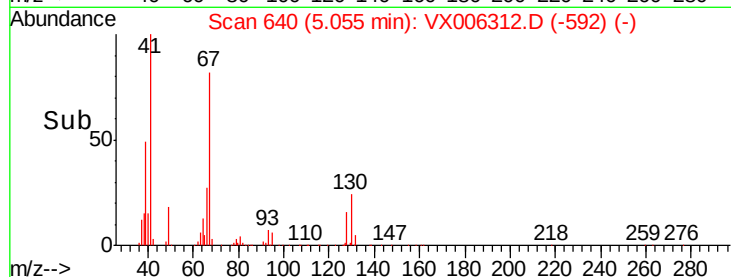
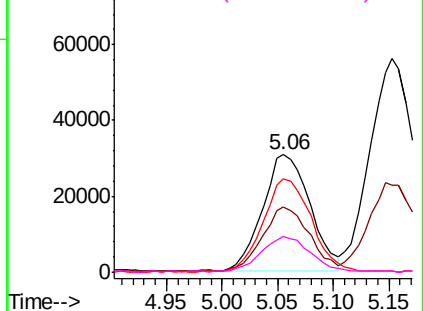


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.697 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006312.D

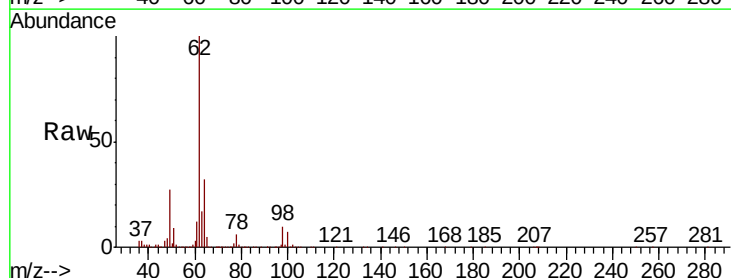
Acq: 06 Dec 2018 12:32

Tgt Ion: 62 Resp: 161176

Ion Ratio Lower Upper

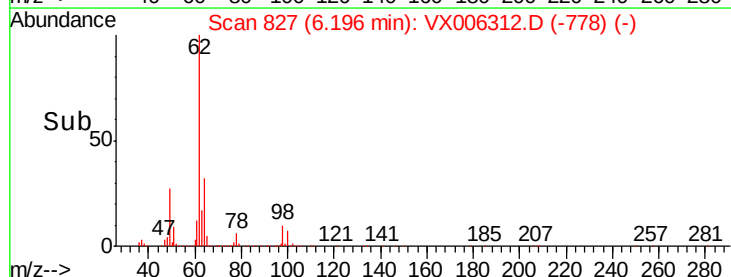
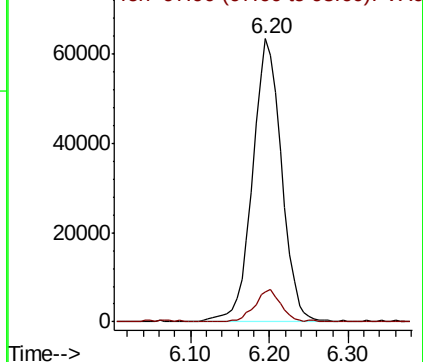
62 100

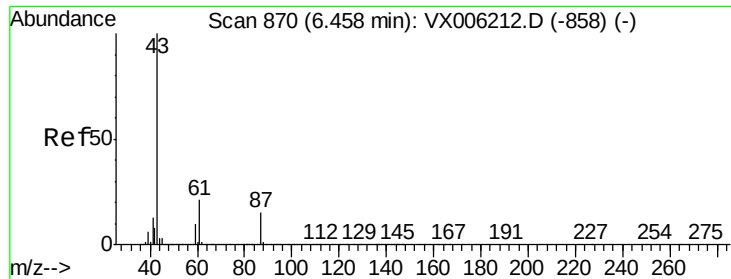
98 10.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 16.844 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

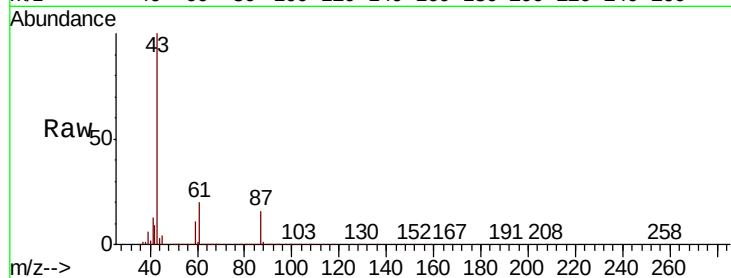
Tot Ion: 43 Resp: 276583

Ion Ratio Lower Upper

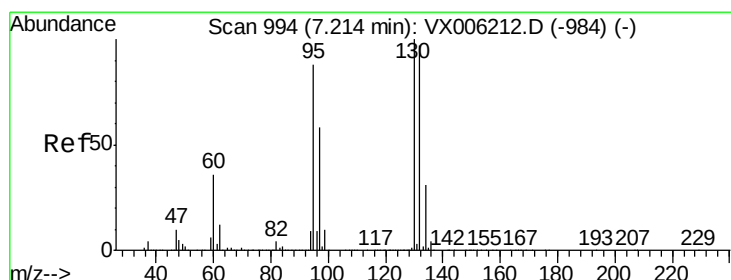
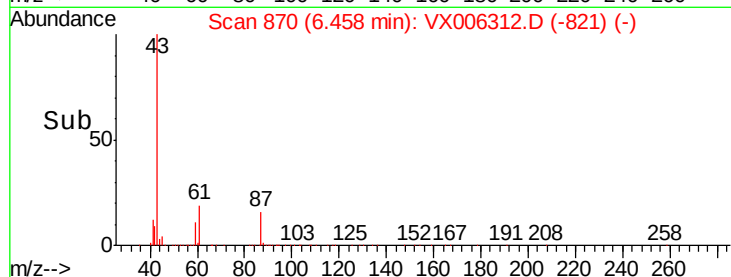
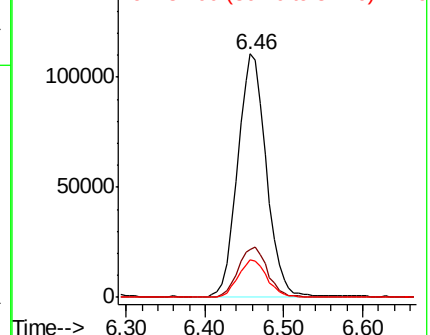
43 100

61 21.1 16.8 25.2

87 15.6 11.9 17.9



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: 17.920 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX006312.D

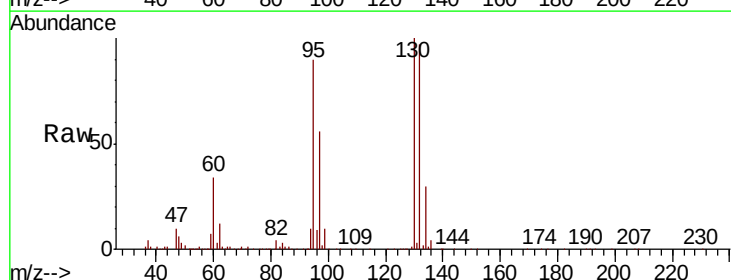
Acq: 06 Dec 2018 12:32

Tgt Ion:130 Resp: 142985

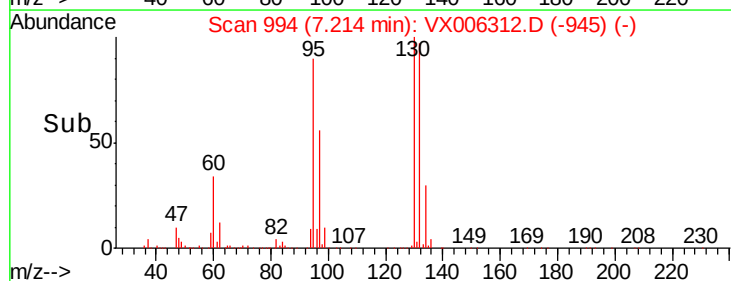
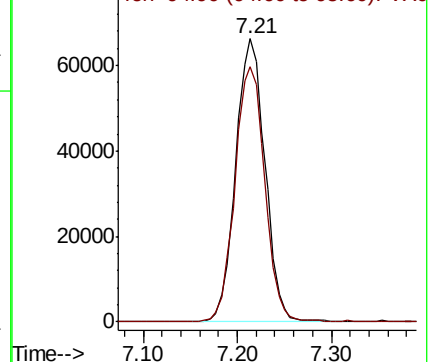
Ion Ratio Lower Upper

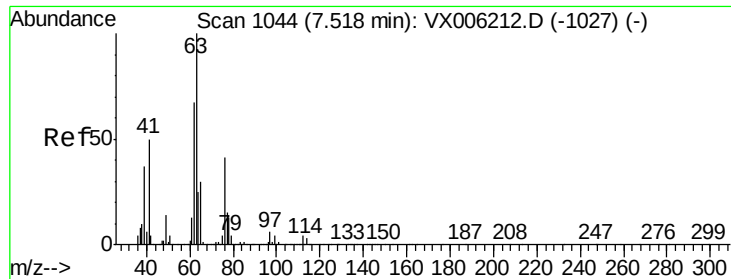
130 100

95 90.2 0.0 175.8



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





#45

1,2-Dichloropropane

Concen: 18.010 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

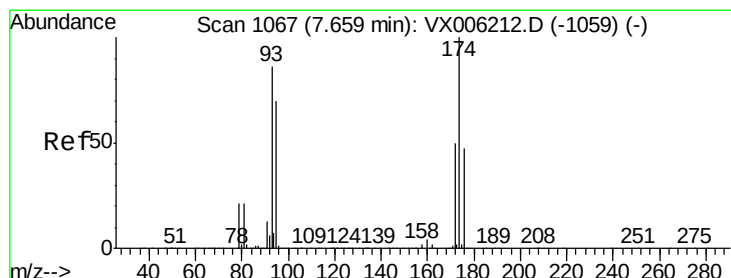
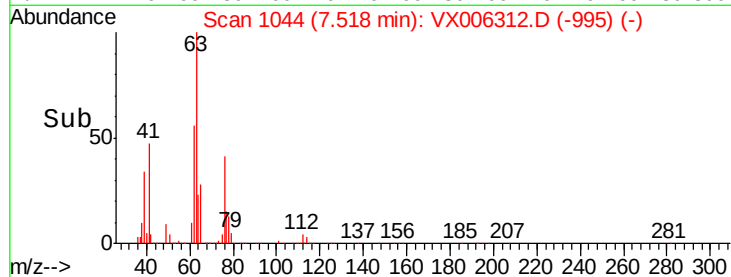
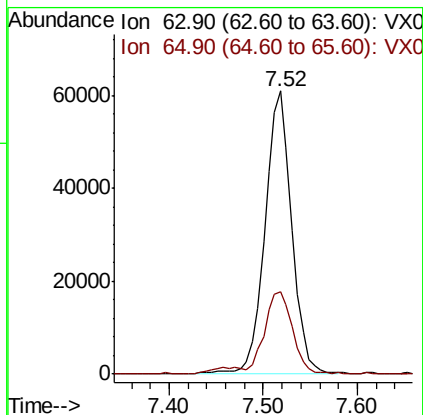
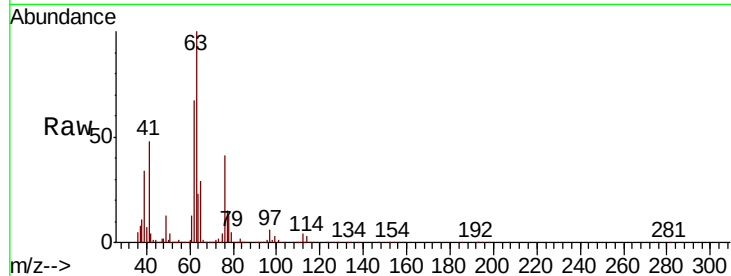
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 120559

Ion Ratio Lower Upper

63 100

65 29.0 24.3 36.5



#46

Dibromomethane

Concen: 18.361 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

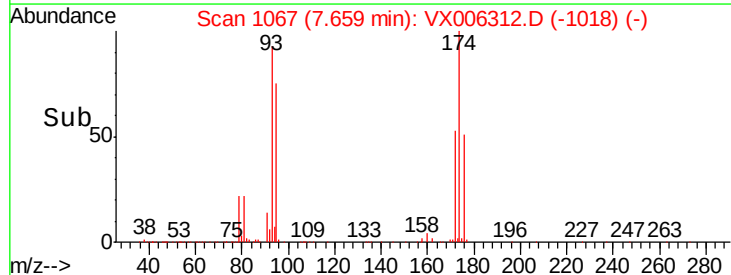
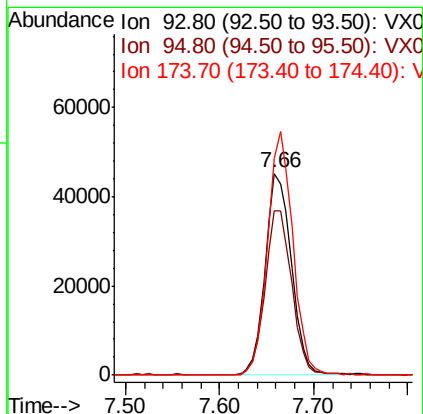
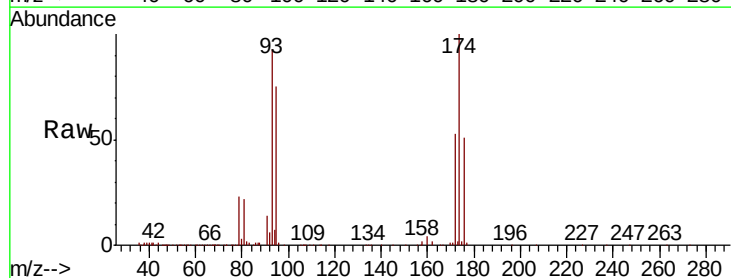
Tgt Ion: 93 Resp: 88771

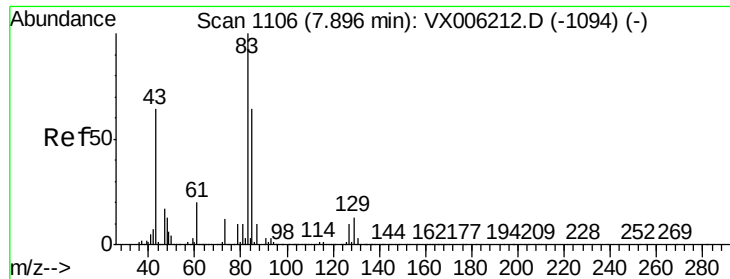
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 116.3 97.2 145.8





#47

Bromodichloromethane

Concen: 17.382 ug/l

RT: 7.90 min Scan# 1106

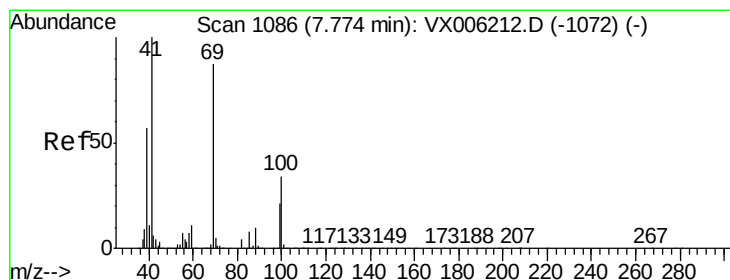
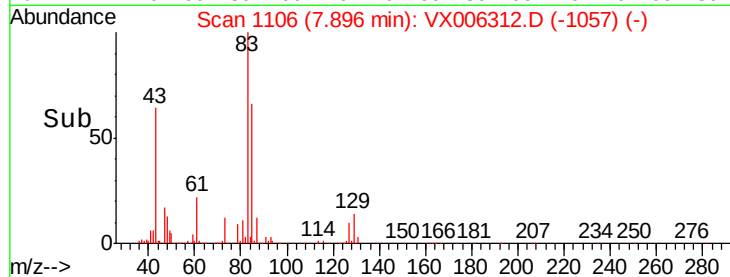
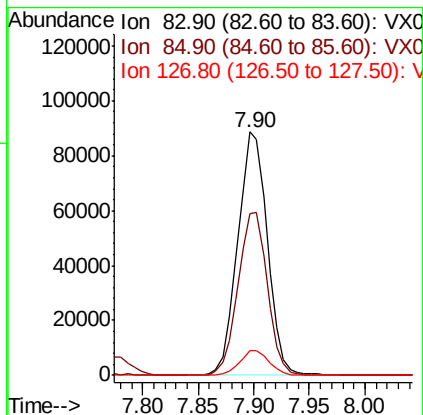
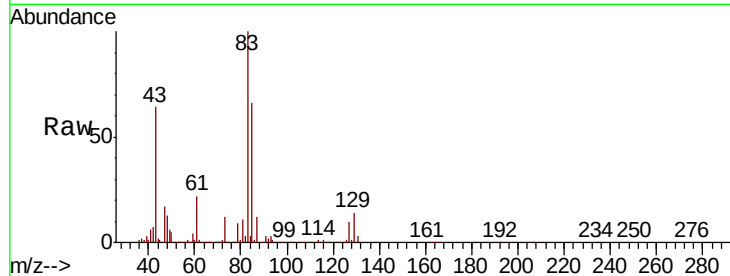
Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	83	Resp:	162737
Ion	Ratio	Lower	Upper
83	100		
85	66.1	51.4	77.0
127	10.2	7.9	11.9



#48

Methyl methacrylate

Concen: 17.525 ug/l

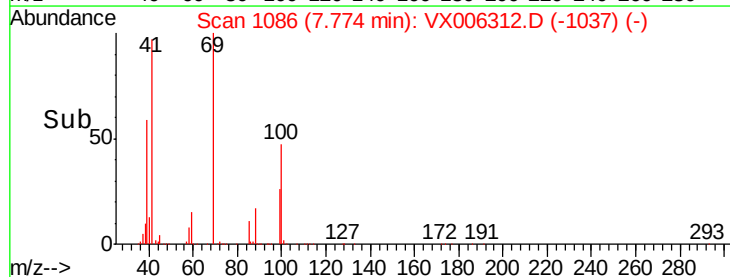
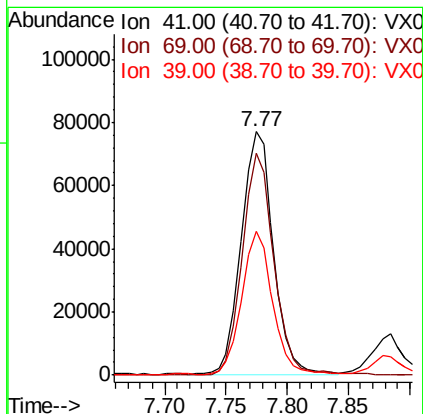
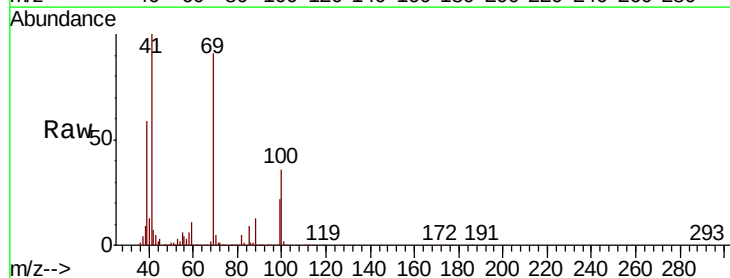
RT: 7.77 min Scan# 1086

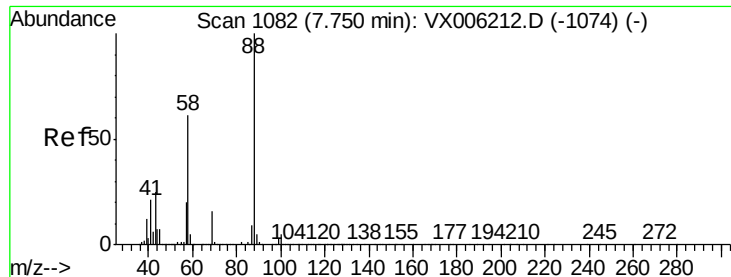
Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Tgt Ion:	41	Resp:	139995
Ion	Ratio	Lower	Upper
41	100		
69	90.0	70.3	105.5
39	56.5	45.3	67.9

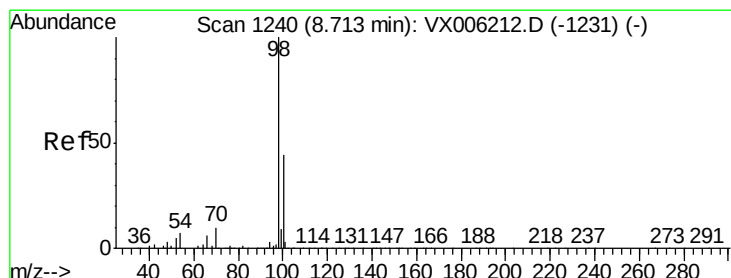
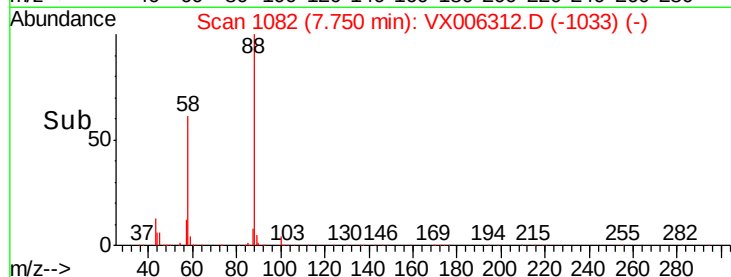
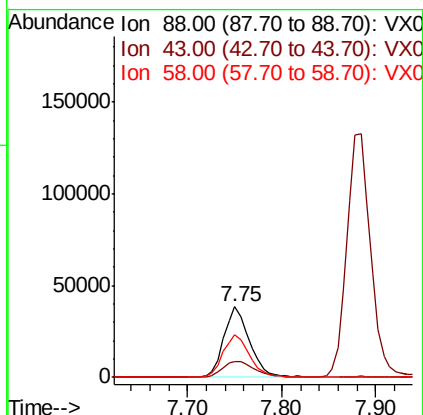
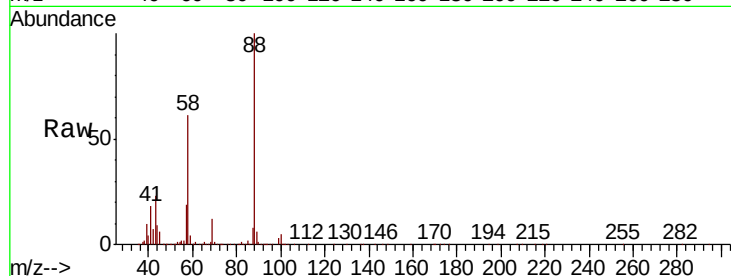




#49
1,4-Dioxane
Concen: 369.578 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

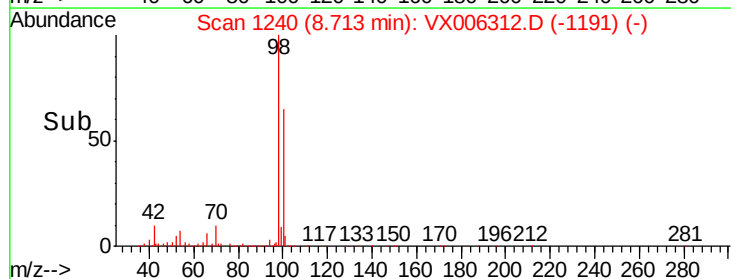
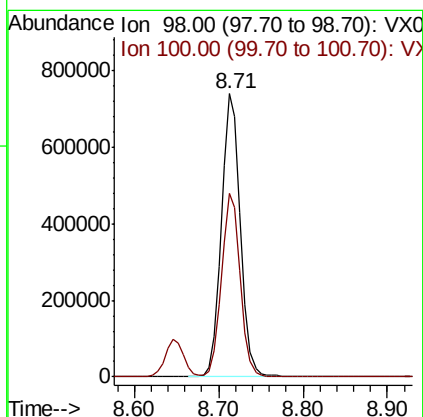
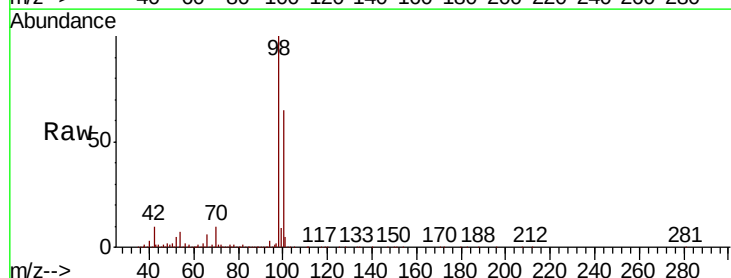
Instrument :
MSVOA_X
ClientSampleId :

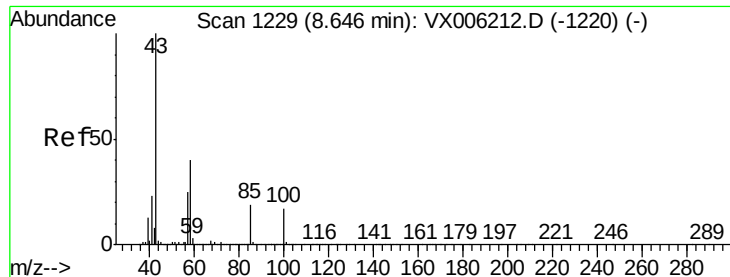
Tot Ion: 88 Resp: 72762
Ion Ratio Lower Upper
88 100
43 27.9 23.2 34.8
58 62.1 51.4 77.0



#50
Toluene-d8
Concen: 46.533 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 98 Resp: 1144448
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 89.314 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

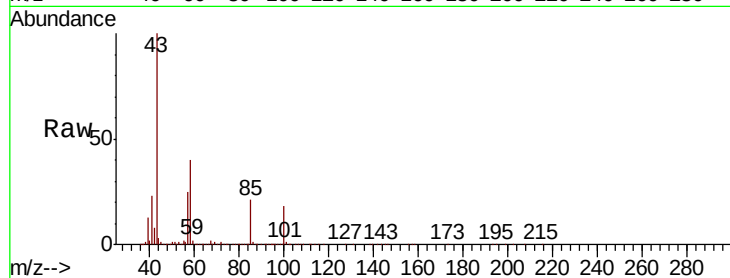
ClientSampled :

Tot Ion: 43 Resp: 853734

Ion Ratio Lower Upper

43 100

58 40.2 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

500000

400000

300000

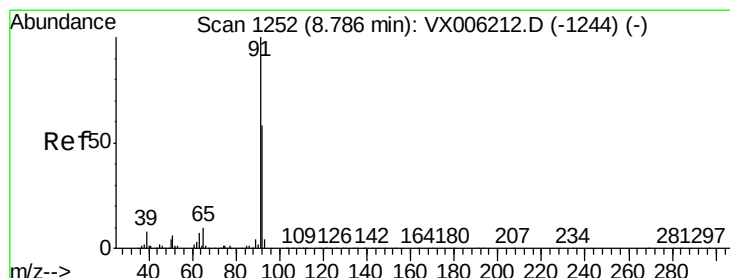
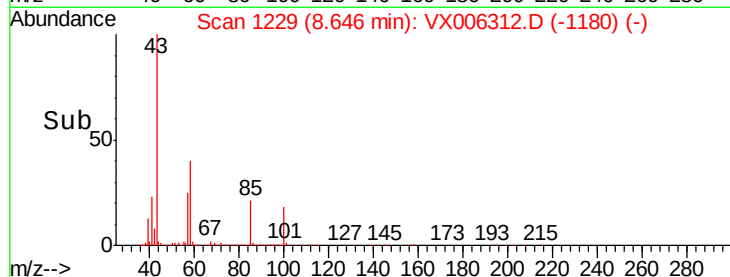
200000

100000

0

8.55 8.60 8.65 8.70

Time-->



#52

Toluene

Concen: 17.958 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006312.D

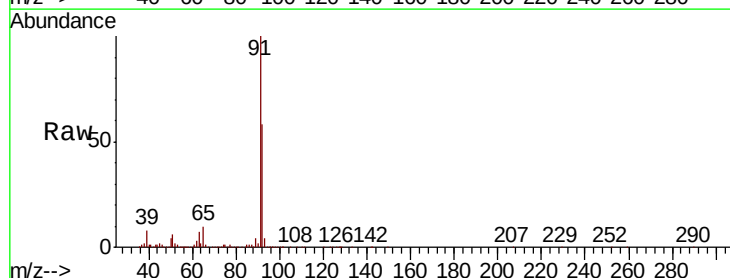
Acq: 06 Dec 2018 12:32

Tgt Ion: 92 Resp: 311188

Ion Ratio Lower Upper

92 100

91 174.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

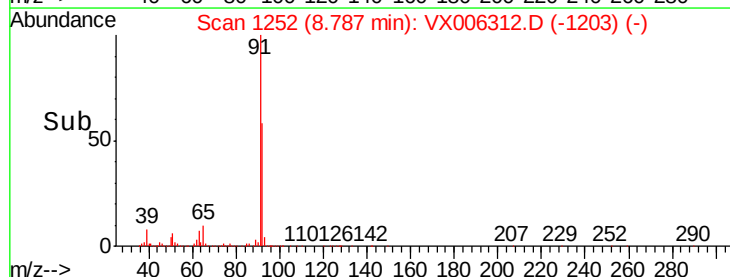
200000

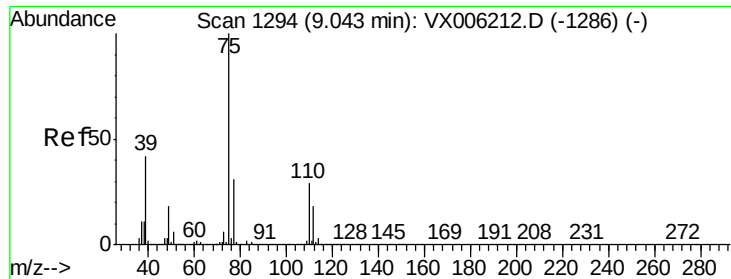
100000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.764 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

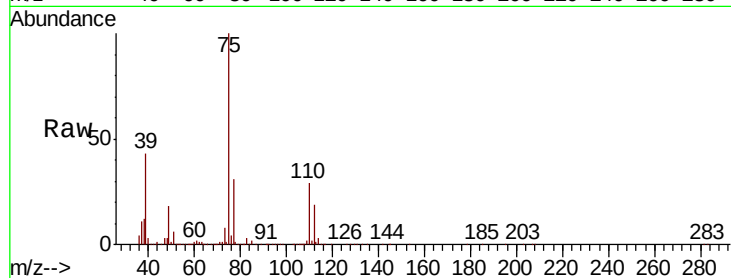
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 75 Resp: 183552

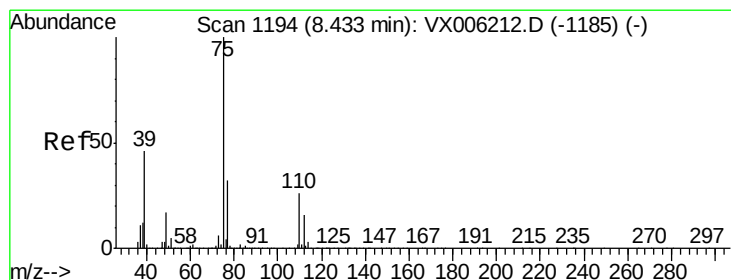
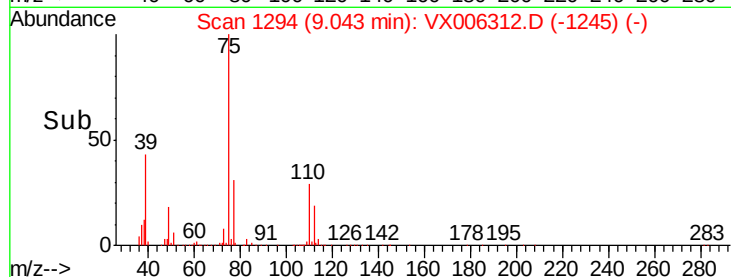
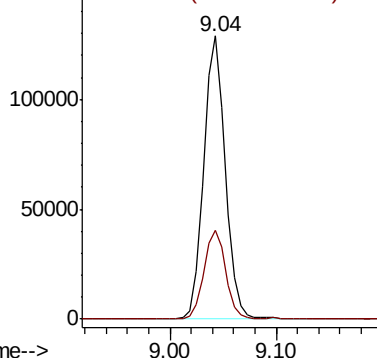
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.230 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

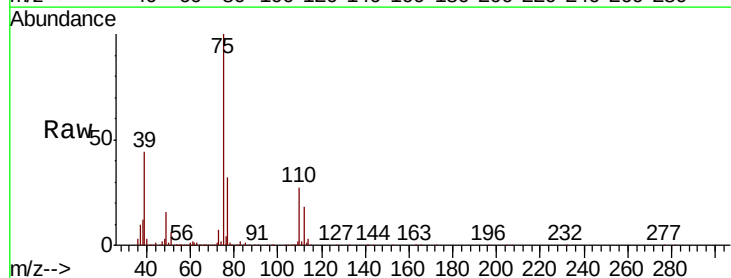
Tgt Ion: 75 Resp: 195895

Ion Ratio Lower Upper

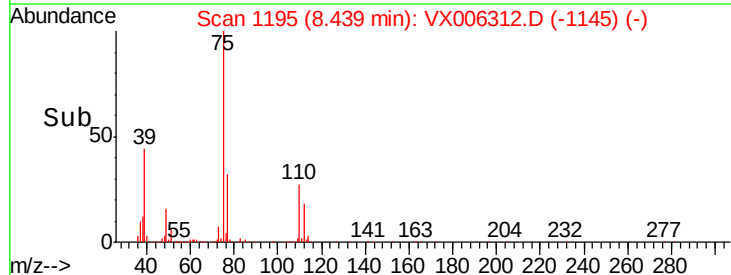
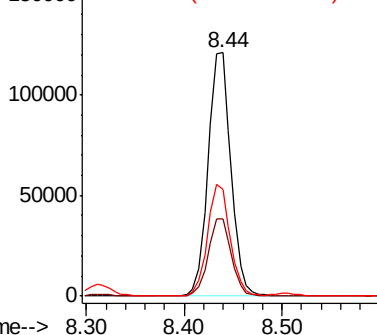
75 100

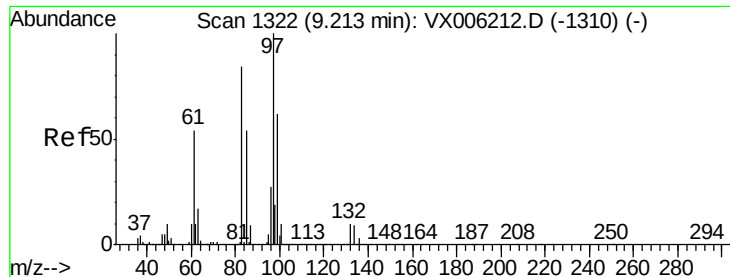
77 31.6 25.6 38.4

39 43.7 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 76.90 (76.60 to 77.60): VX0
Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.584 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 130826

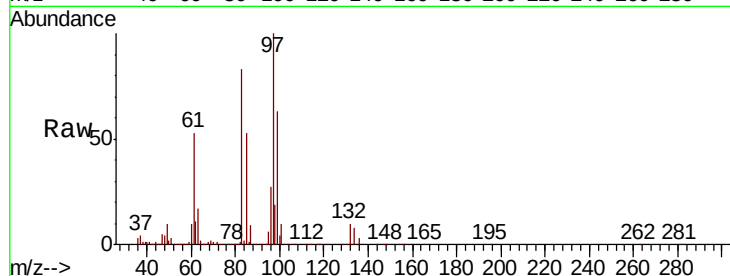
Ion Ratio Lower Upper

97 100

83 82.5 67.1 100.7

85 52.7 43.2 64.8

99 63.0 49.8 74.6

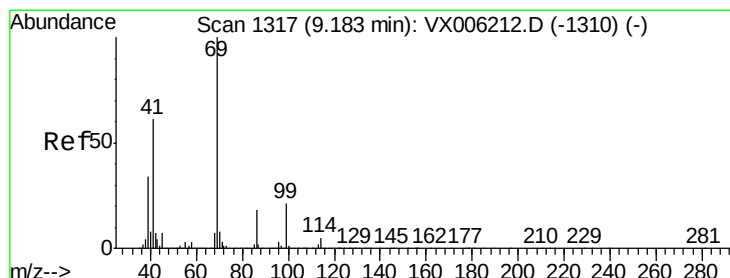
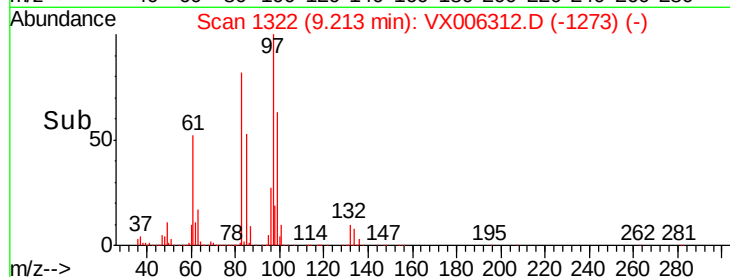
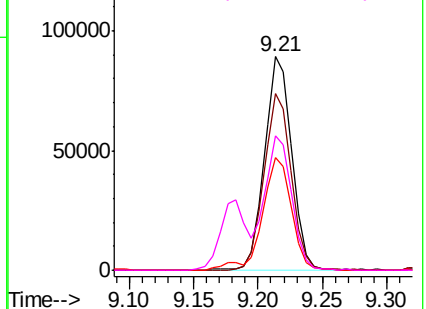


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 17.880 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

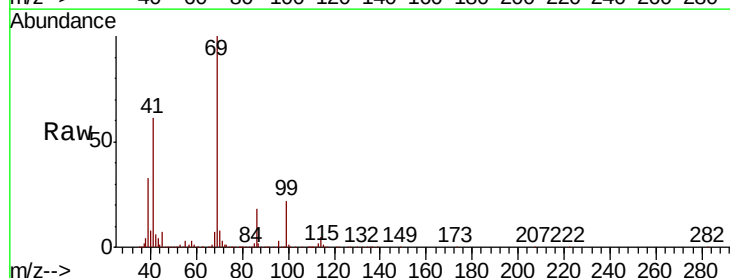
Tgt Ion: 69 Resp: 196778

Ion Ratio Lower Upper

69 100

41 62.4 50.6 76.0

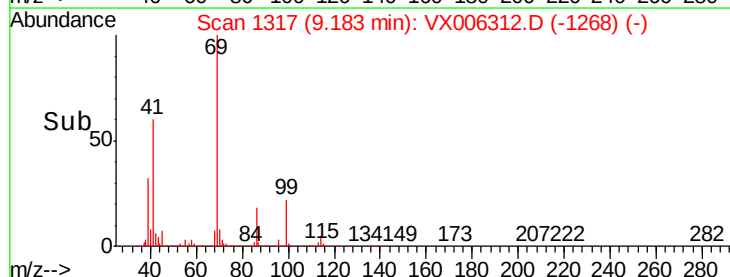
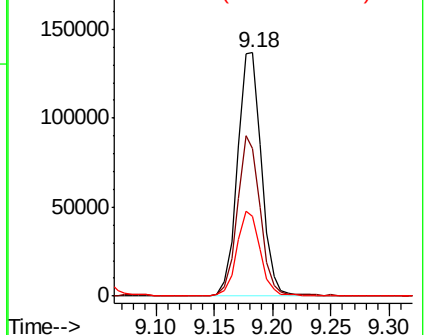
39 33.5 27.6 41.4

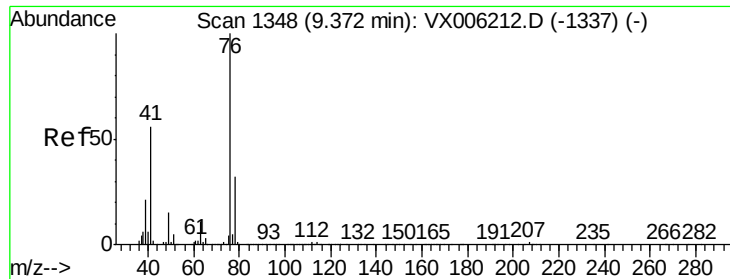


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

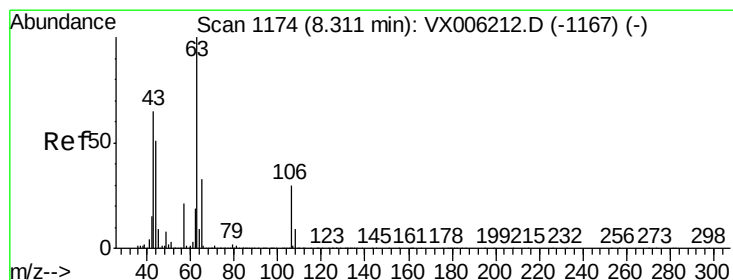
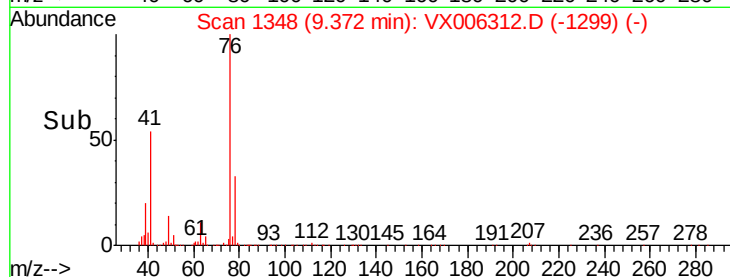
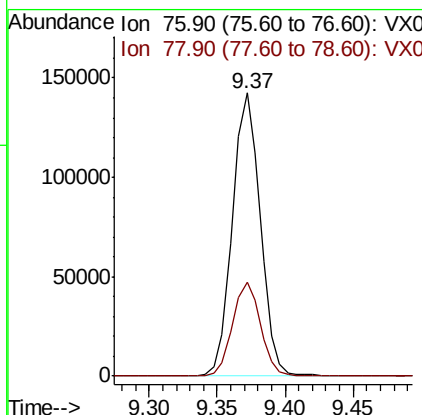
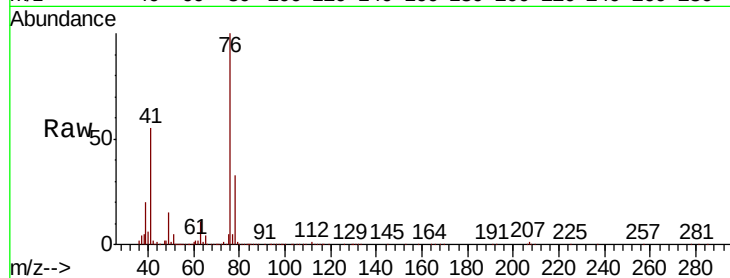




#57
 1,3-Dichloropropane
 Concen: 18.322 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

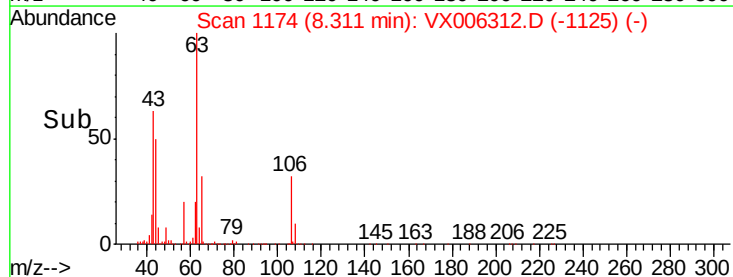
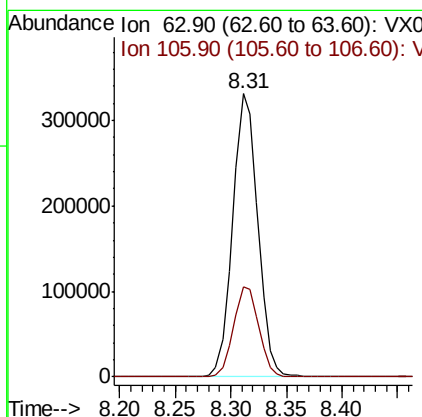
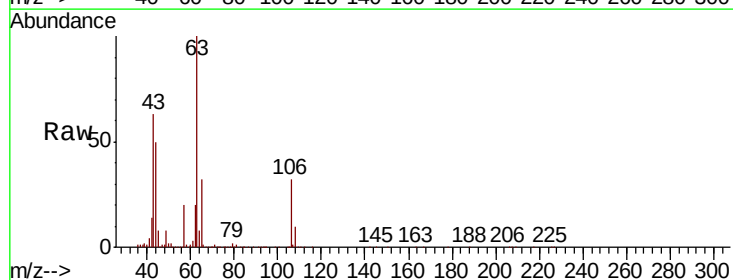
Instrument :
 MSVOA_X
 ClientSampleId :

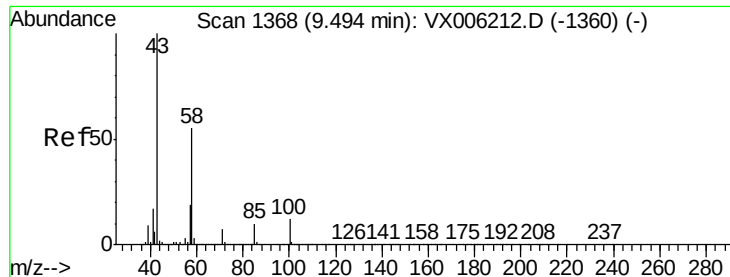
Tot Ion: 76 Resp: 203959
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.630 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion: 63 Resp: 517315
 Ion Ratio Lower Upper
 63 100
 106 32.2 24.9 37.3

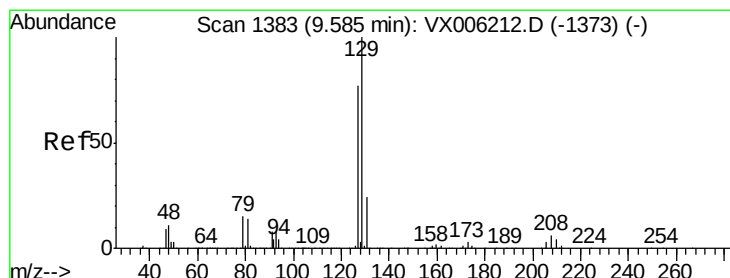
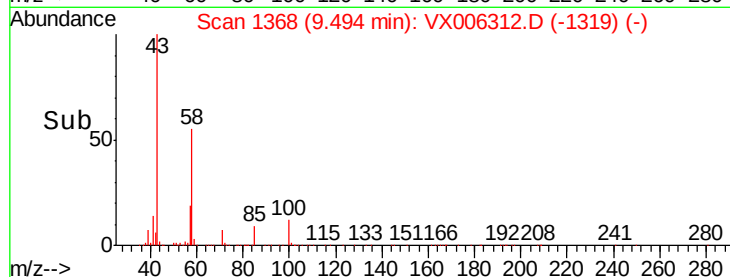
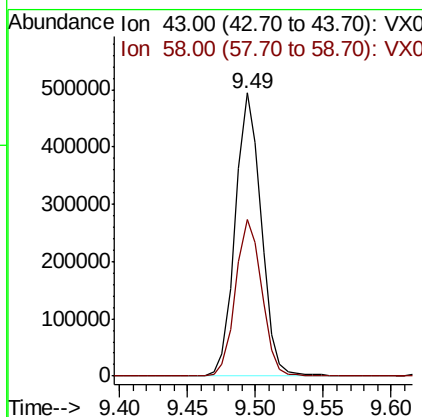
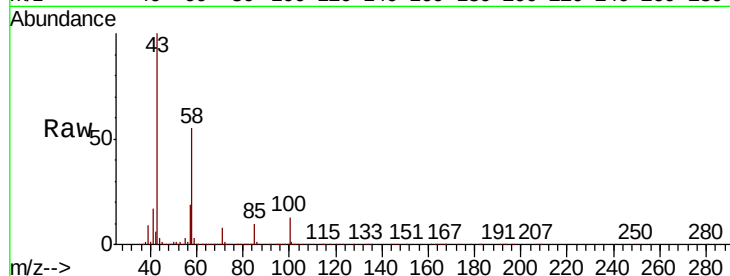




#59
2-Hexanone
Concen: 89.562 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

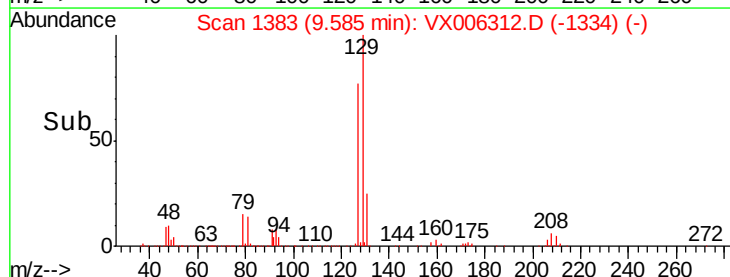
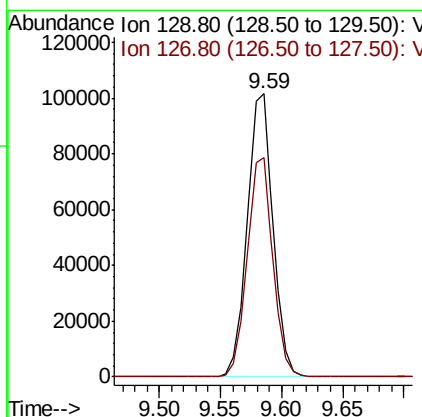
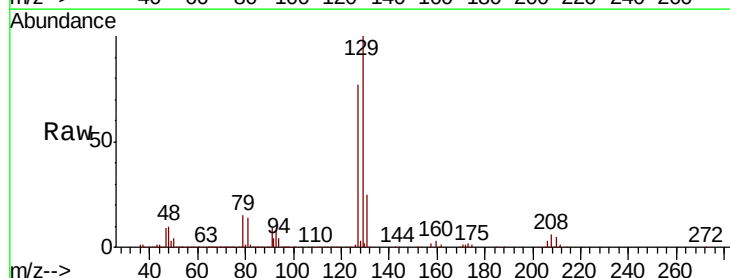
Instrument :
MSVOA_X
ClientSampleId :

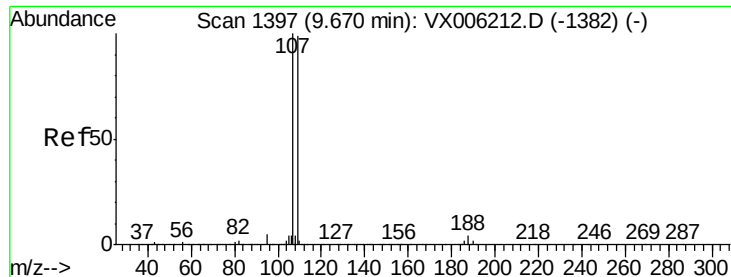
Tot Ion: 43 Resp: 654065
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1



#60
Dibromochloromethane
Concen: 17.164 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 129 Resp: 148993
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.8





#61

1,2-Dibromoethane

Concen: 18.009 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

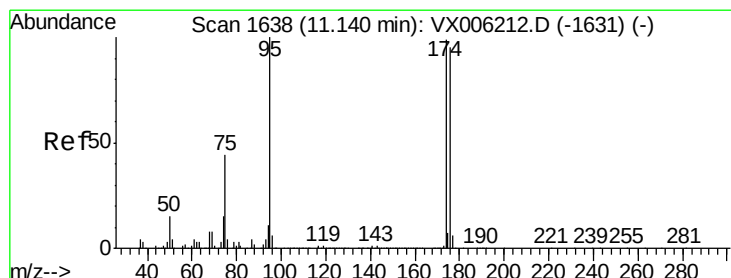
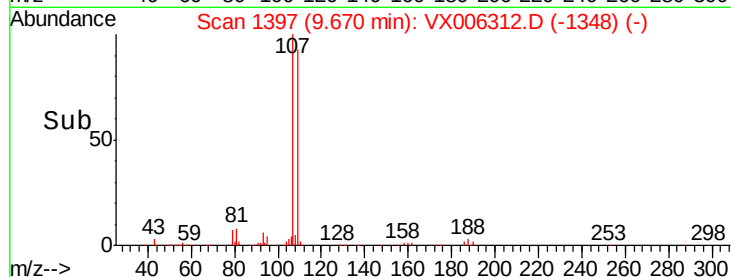
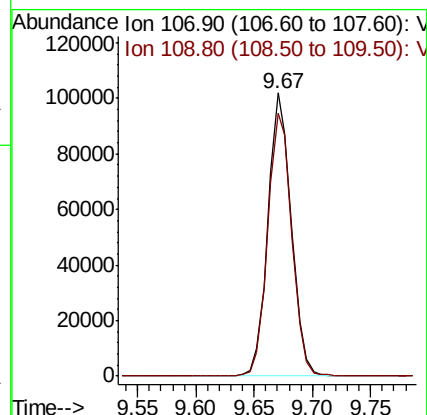
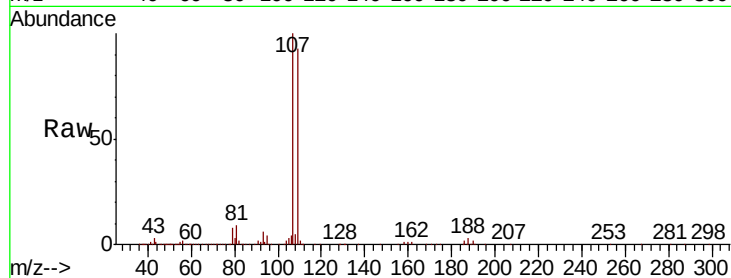
ClientSampleId :

Tot Ion:107 Resp: 141755

Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 45.700 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

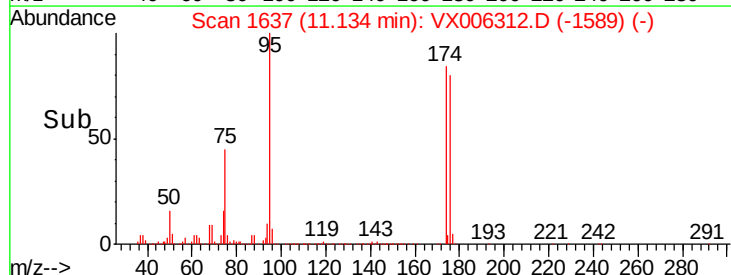
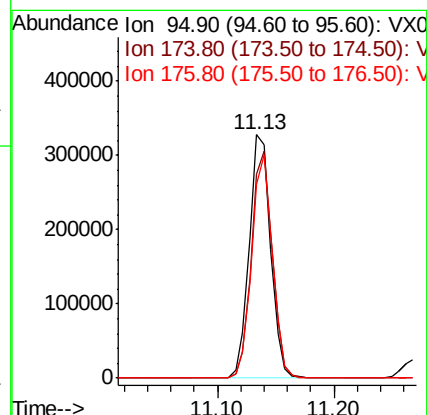
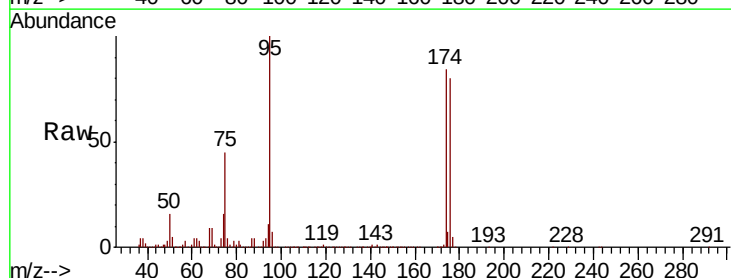
Tgt Ion: 95 Resp: 423540

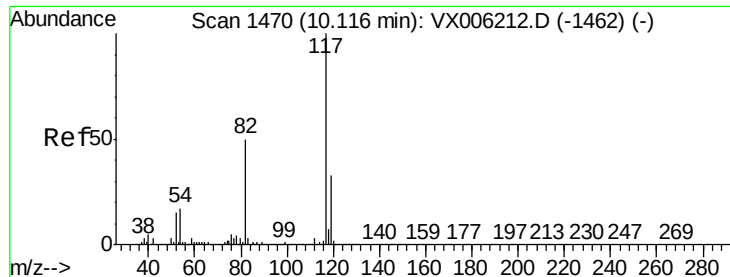
Ion Ratio Lower Upper

95 100

174 91.2 0.0 187.0

176 89.0 0.0 181.8

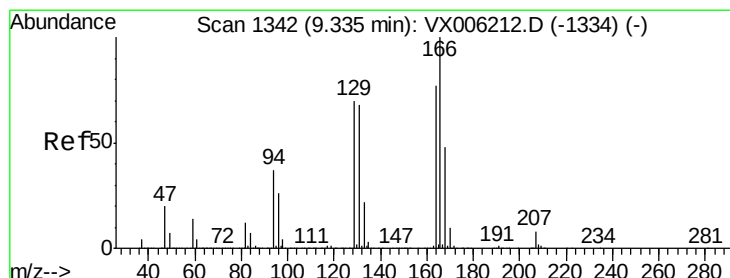
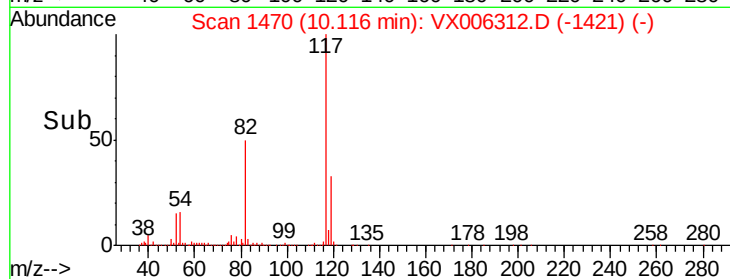
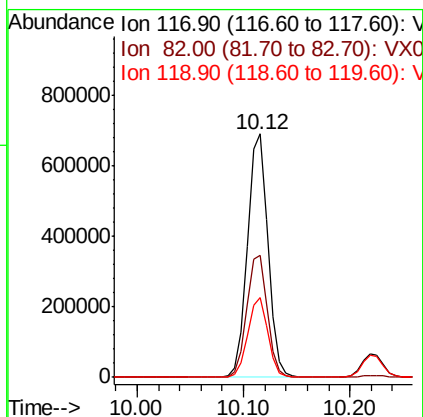
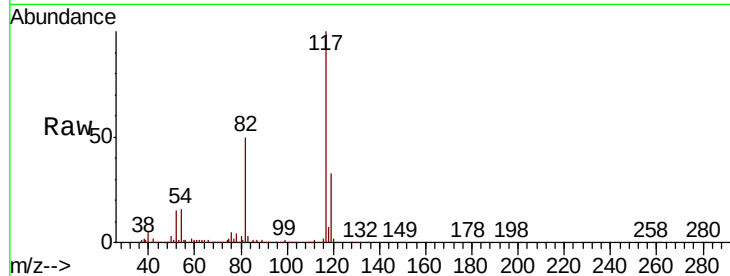




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

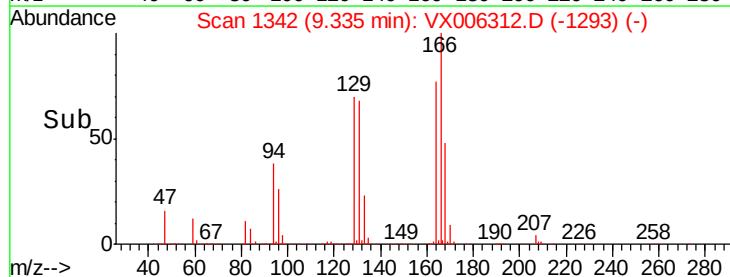
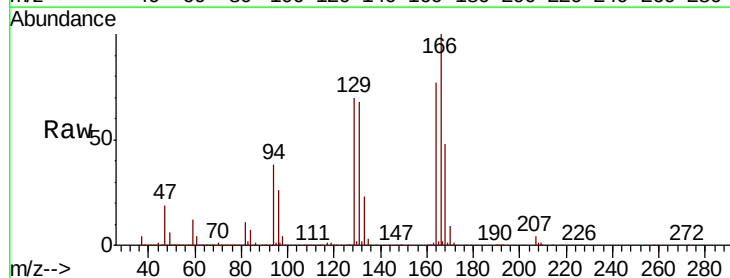
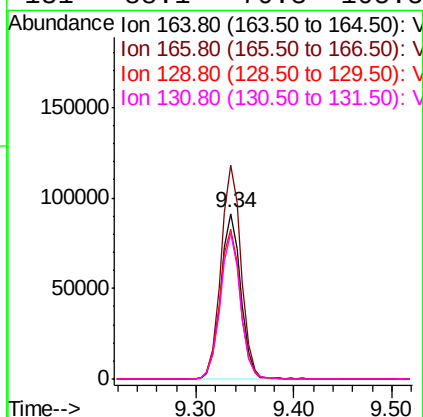
Instrument :
MSVOA_X
ClientSampled :

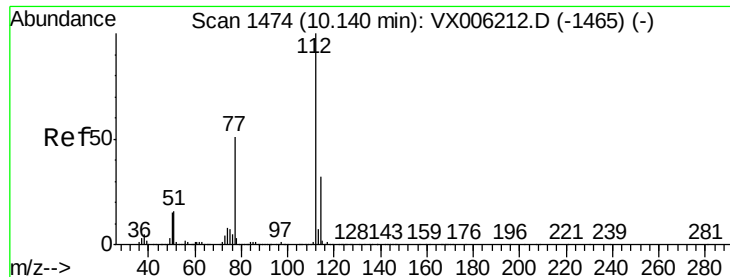
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	39.6	59.4
119	32.7	26.3	39.5



#64
Tetrachloroethene
Concen: 18.364 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.3	104.2	156.2
129	90.3	72.6	108.8
131	88.1	70.3	105.5

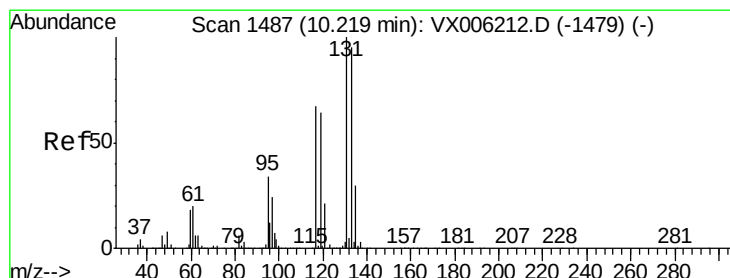
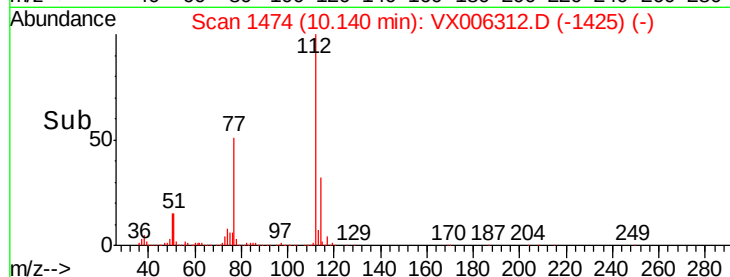
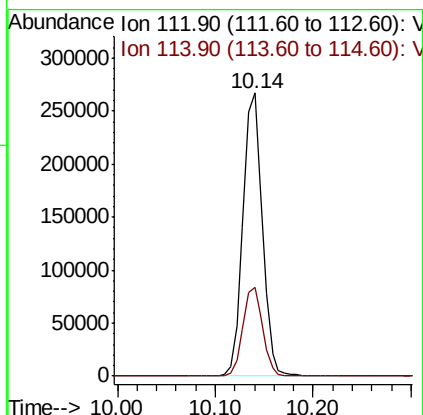
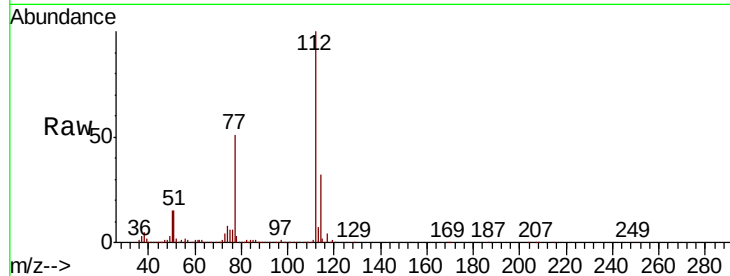




#65
Chlorobenzene
Concen: 18.556 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

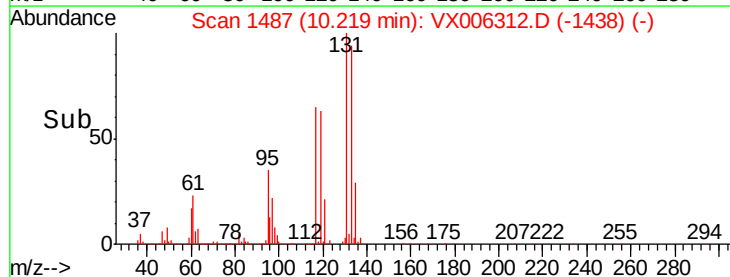
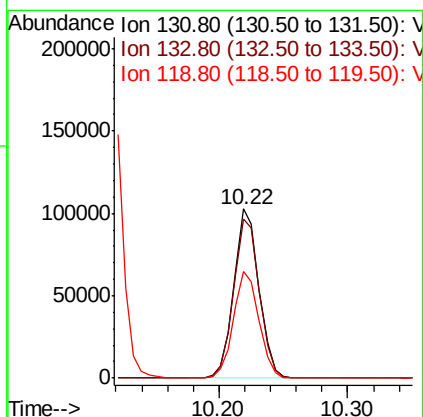
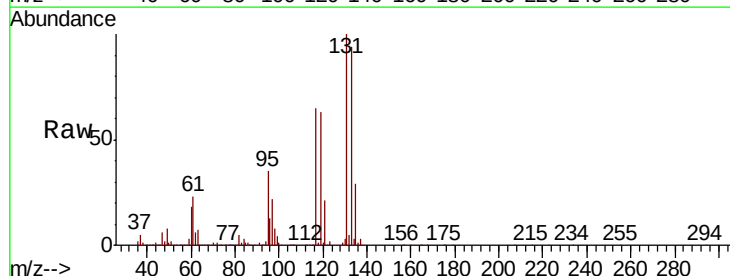
Instrument :
MSVOA_X
ClientSampleId :

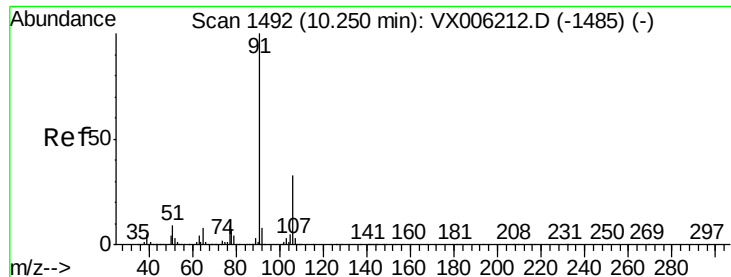
Tot Ion:112 Resp: 369160
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.034 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion:131 Resp: 139390
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.4
119 63.8 32.1 96.3





#67

Ethyl Benzene

Concen: 17.975 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

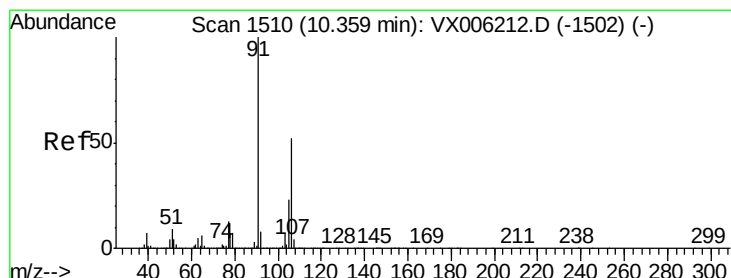
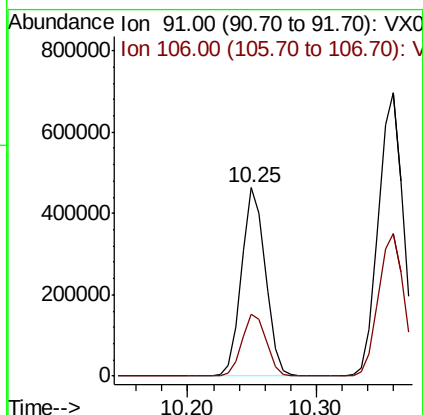
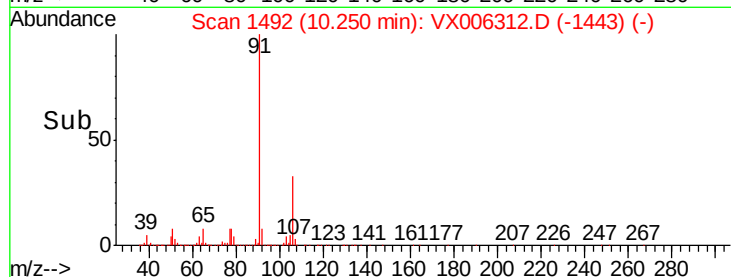
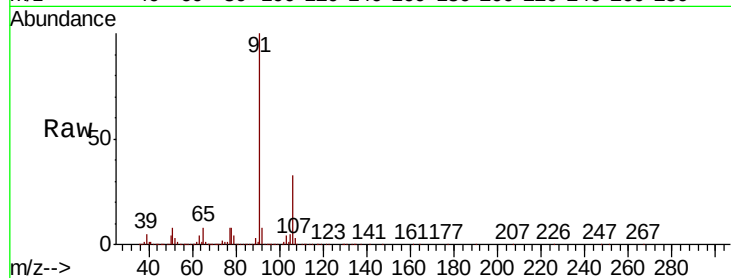
ClientSampleId :

Tot Ion: 91 Resp: 594731

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 35.972 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006312.D

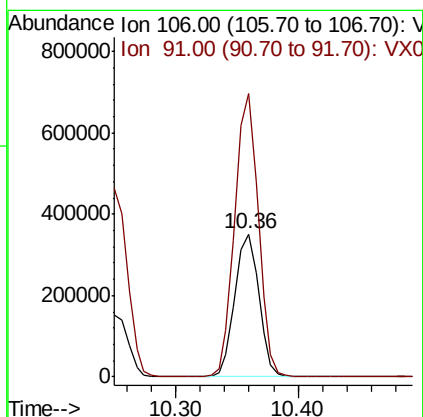
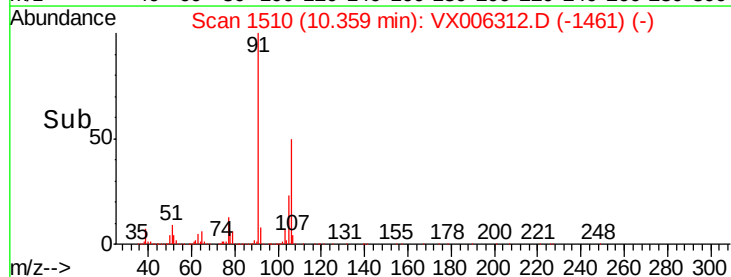
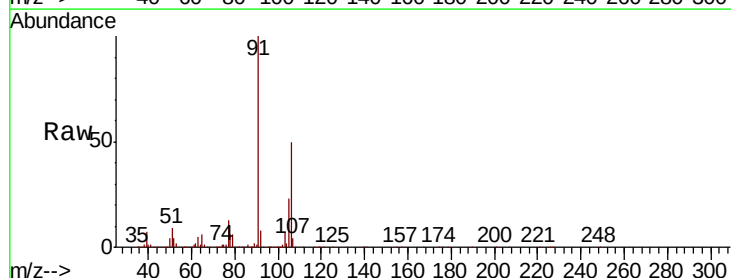
Acq: 06 Dec 2018 12:32

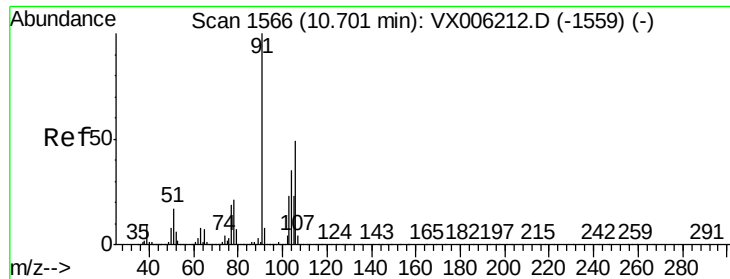
Tgt Ion: 106 Resp: 476768

Ion Ratio Lower Upper

106 100

91 194.9 155.2 232.8

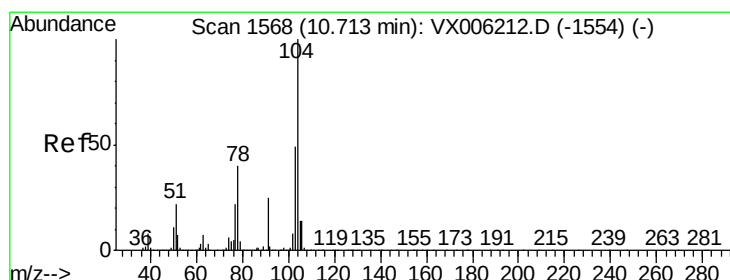
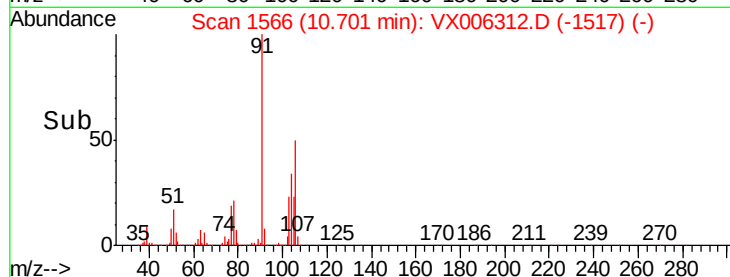
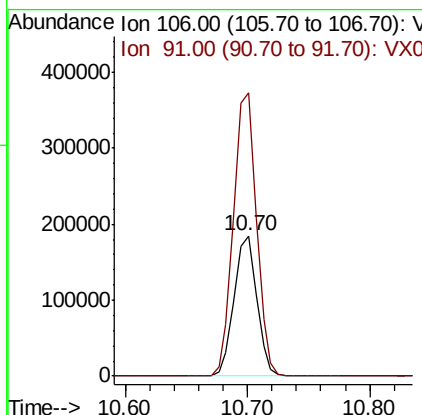
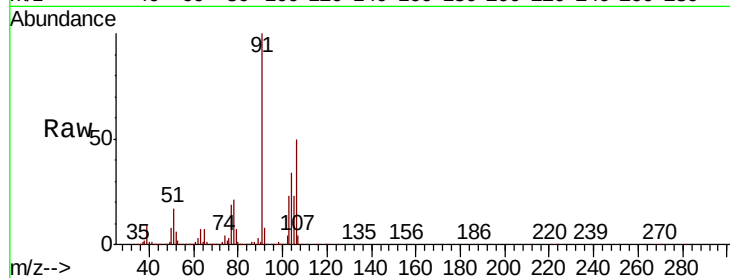




#69
o-Xylene
Concen: 18.005 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

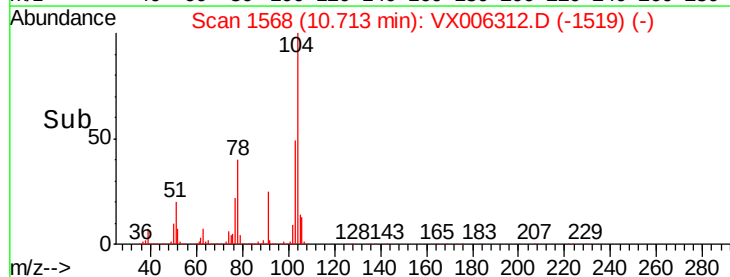
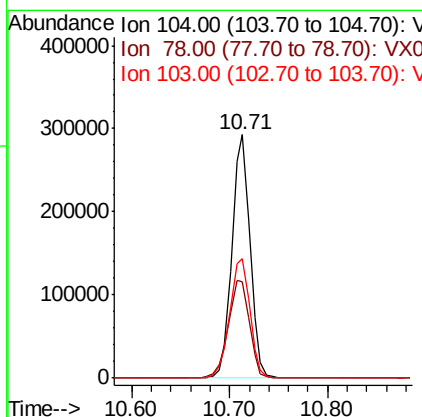
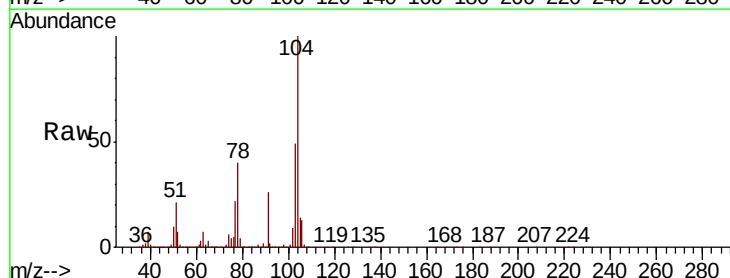
Instrument :
MSVOA_X
ClientSampled :

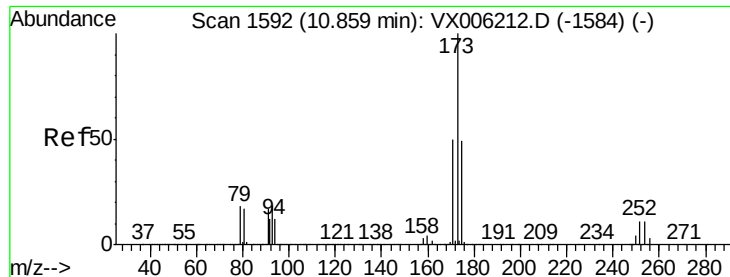
Tot Ion:106 Resp: 235713
Ion Ratio Lower Upper
106 100
91 205.7 101.8 305.6



#70
Styrene
Concen: 17.768 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion:104 Resp: 376217
Ion Ratio Lower Upper
104 100
78 46.9 37.2 55.8
103 55.4 43.5 65.3





#71

Bromoform

Concen: 16.099 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampled :

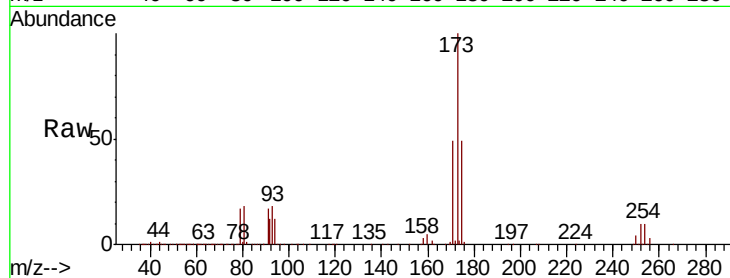
Tot Ion:173 Resp: 117463

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

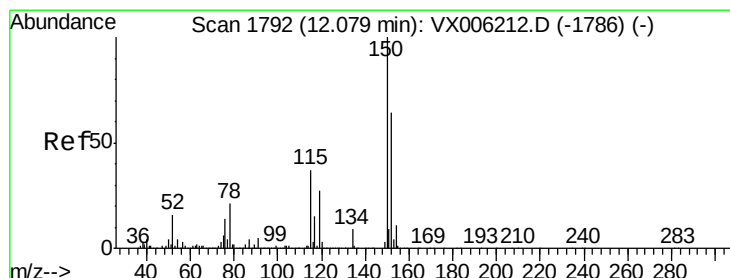
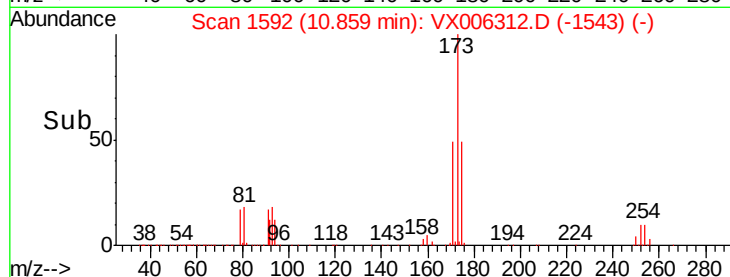
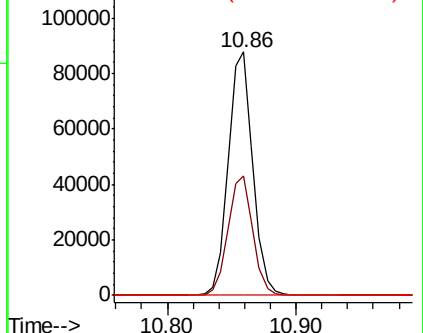
254 0.2 0.2 0.2



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: VX006312.D

Acq: 06 Dec 2018 12:32

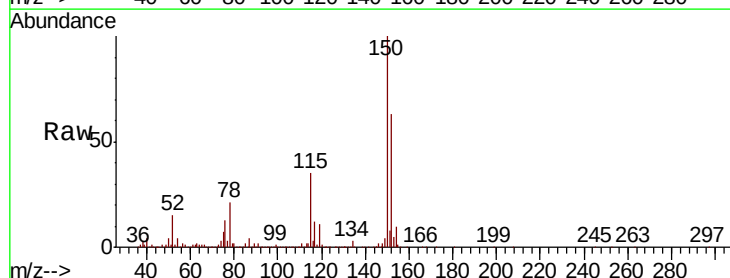
Tgt Ion:152 Resp: 469904

Ion Ratio Lower Upper

152 100

115 64.3 39.0 116.9

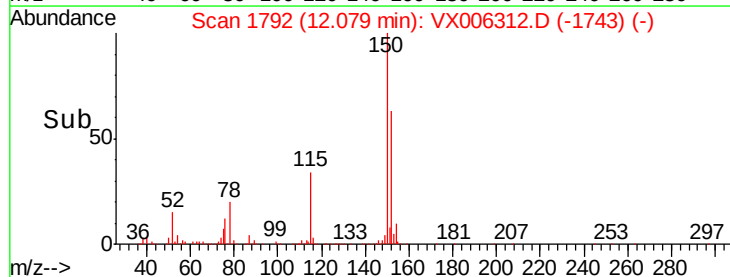
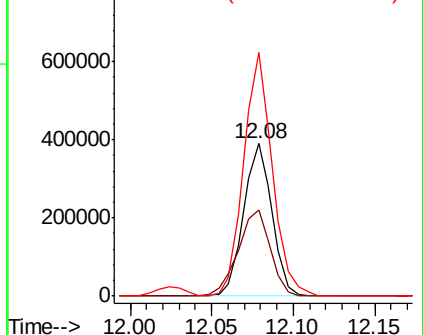
150 162.7 0.0 345.8

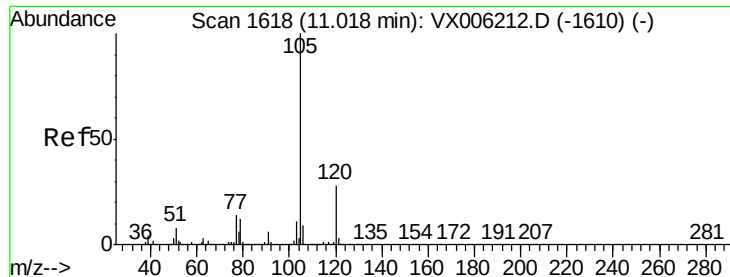


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

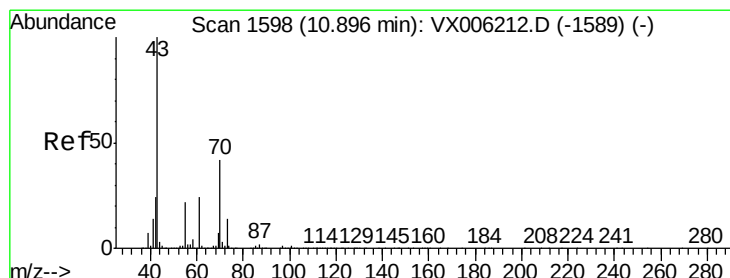
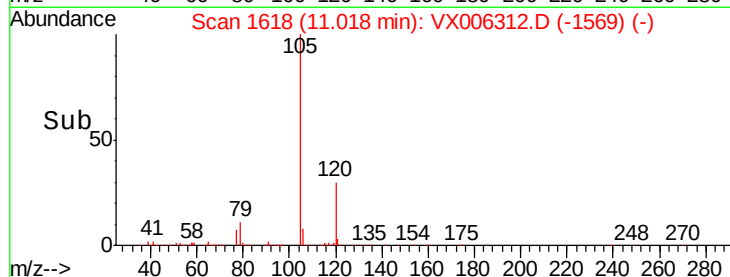
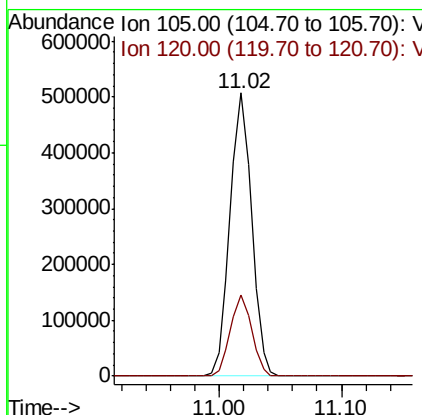
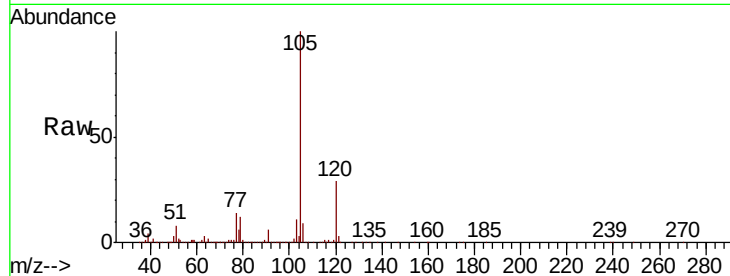




#73
Isopropylbenzene
Concen: 19.106 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

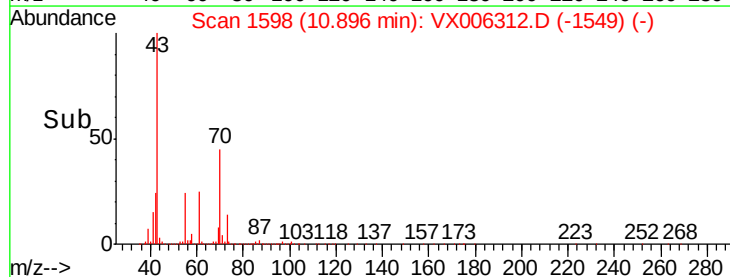
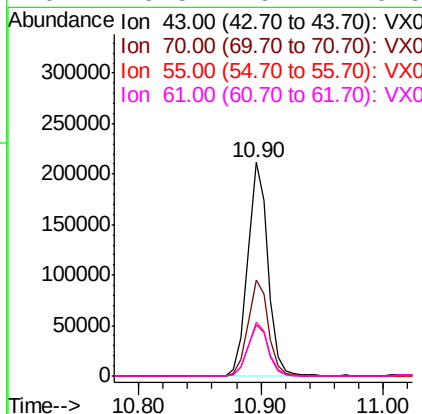
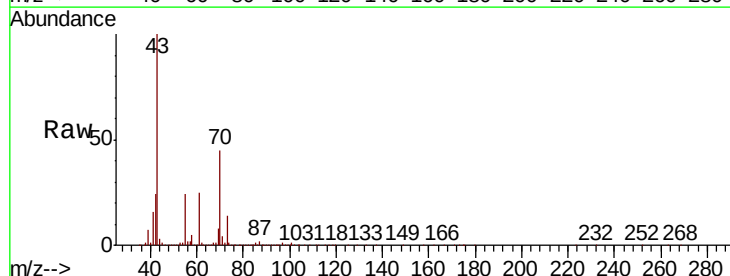
Instrument :
MSVOA_X
ClientSampled :

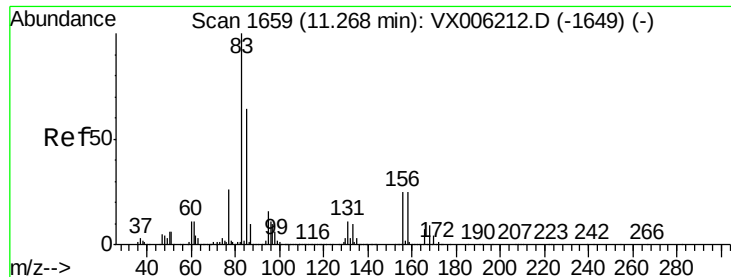
Tot Ion:105 Resp: 620008
Ion Ratio Lower Upper
105 100
120 28.3 14.1 42.3



#74
N-ethyl acetate
Concen: 17.325 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 43 Resp: 242095
Ion Ratio Lower Upper
43 100
70 45.5 34.1 51.1
55 25.0 17.8 26.8
61 25.5 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.864 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

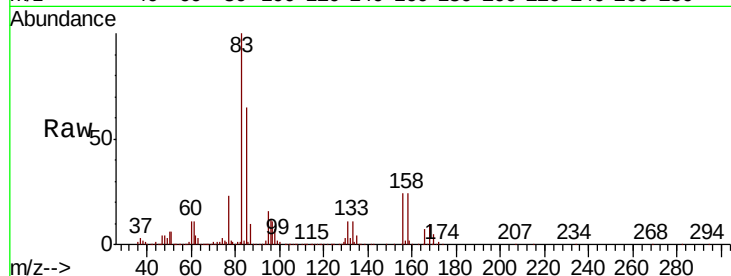
Tot Ion: 83 Resp: 195839

Ion	Ratio	Lower	Upper
83	100		
131	11.5	5.7	17.1
85	64.8	32.1	96.5

83 100

131 11.5 5.7 17.1

85 64.8 32.1 96.5



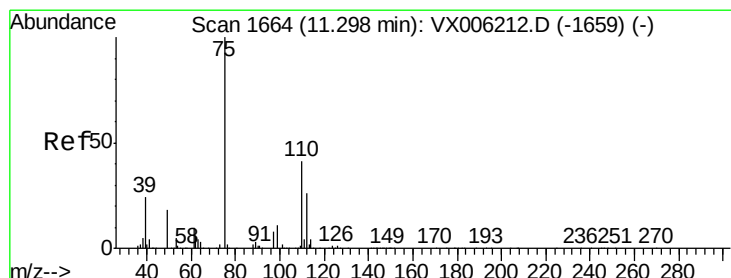
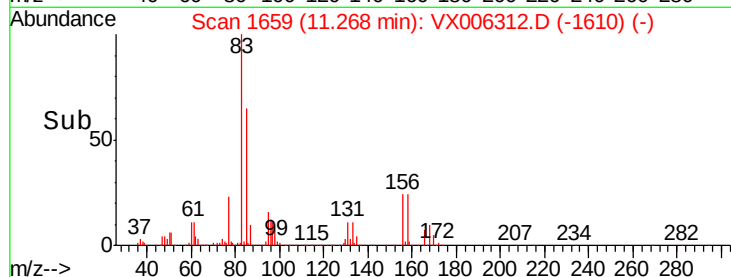
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

11.27

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.186 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006312.D

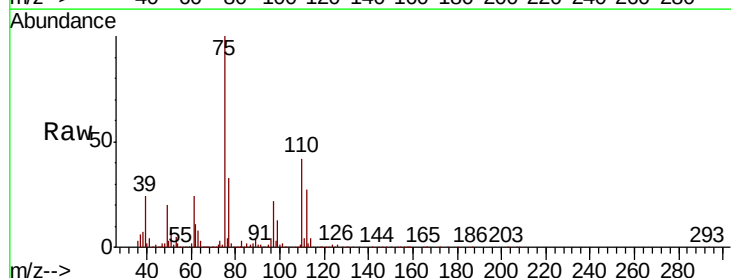
Acq: 06 Dec 2018 12:32

Tgt Ion: 75 Resp: 228436

Ion	Ratio	Lower	Upper
75	100		
77	31.6	19.9	59.7

75 100

77 31.6 19.9 59.7

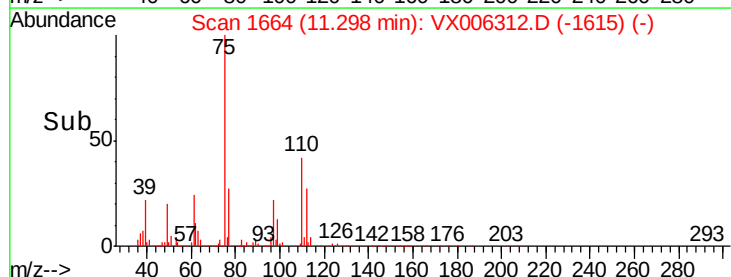


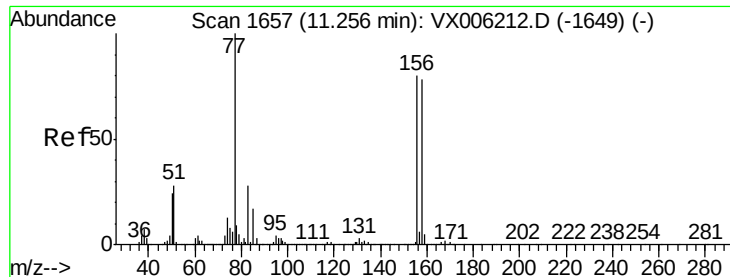
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.30

Time-->





#77

Bromobenzene

Concen: 18.782 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

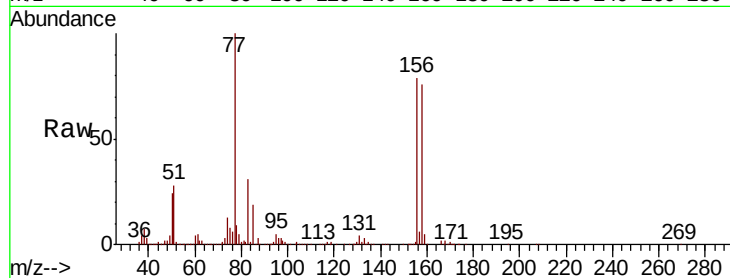
Tot Ion:156 Resp: 169148

Ion Ratio Lower Upper

156 100

77 132.8 66.2 198.6

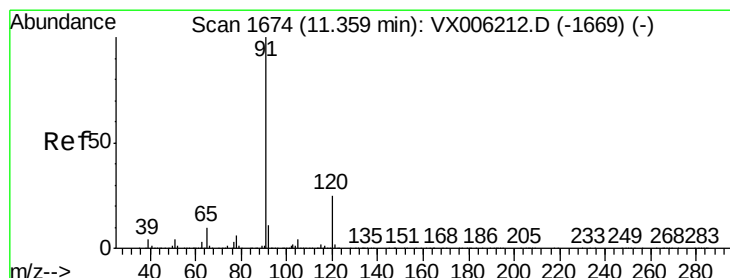
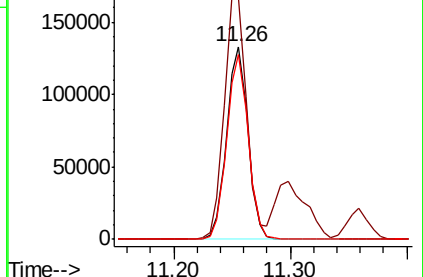
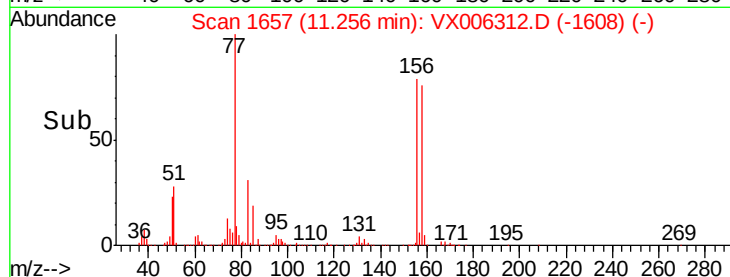
158 96.6 48.8 146.4



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: 18.712 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006312.D

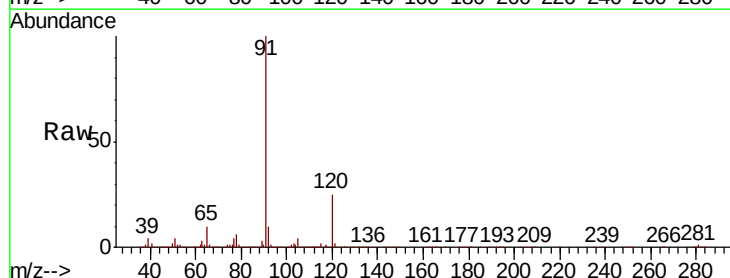
Acq: 06 Dec 2018 12:32

Tgt Ion: 91 Resp: 674989

Ion Ratio Lower Upper

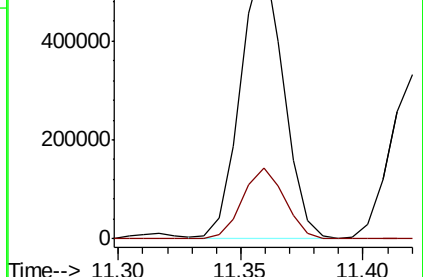
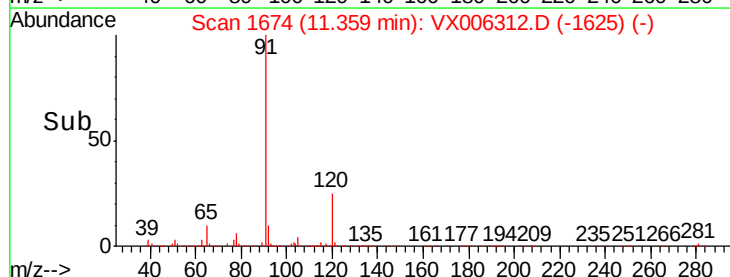
91 100

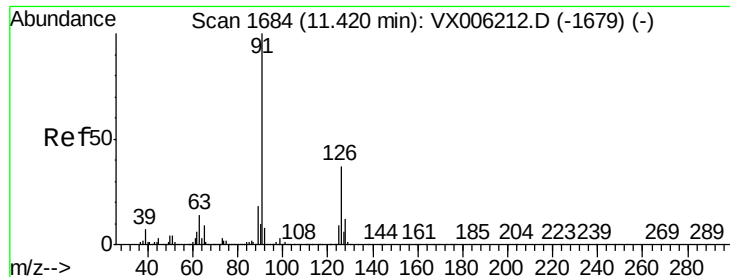
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

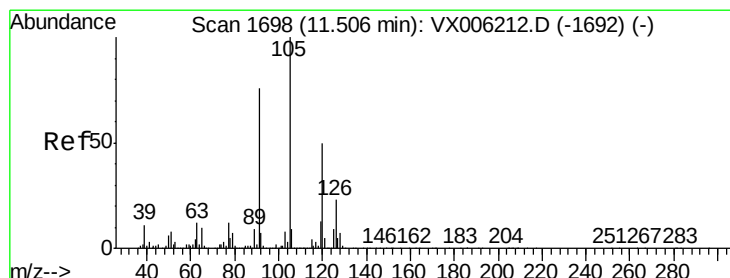
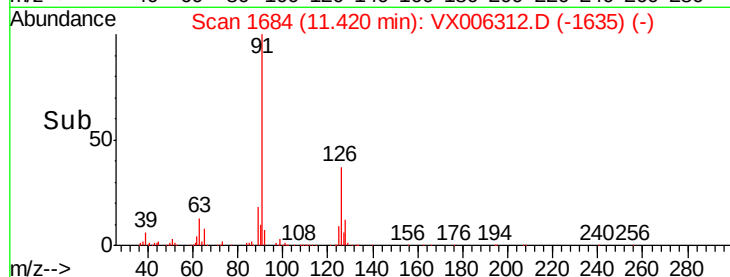
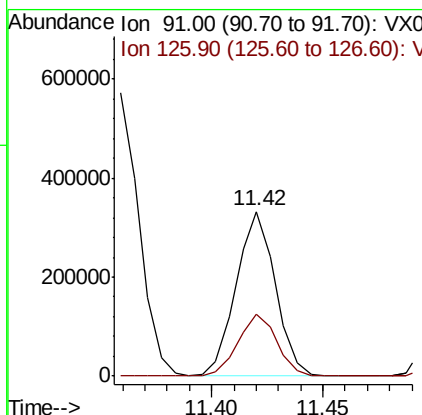
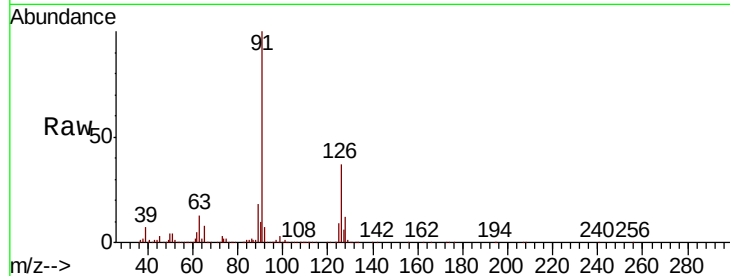




#79
 2-Chlorotoluene
 Concen: 18.920 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

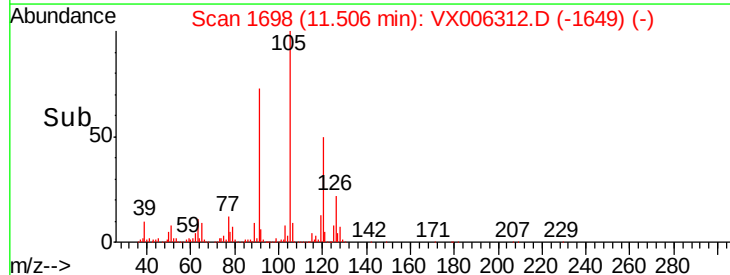
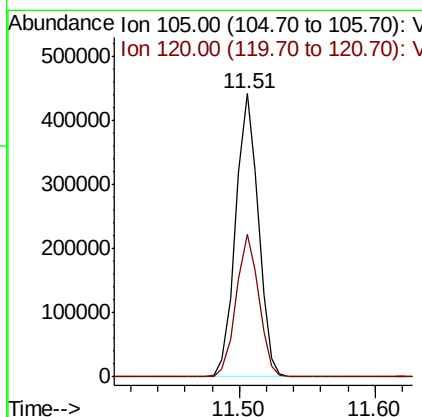
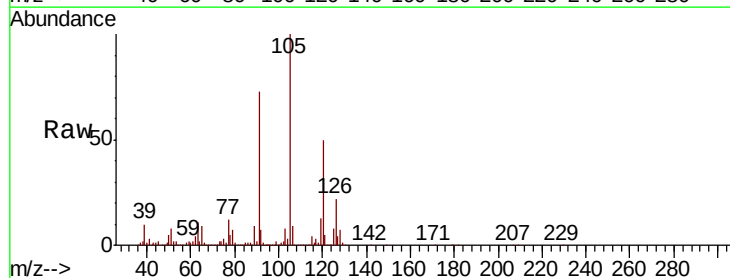
Instrument :
 MSVOA_X
 ClientSampleId :

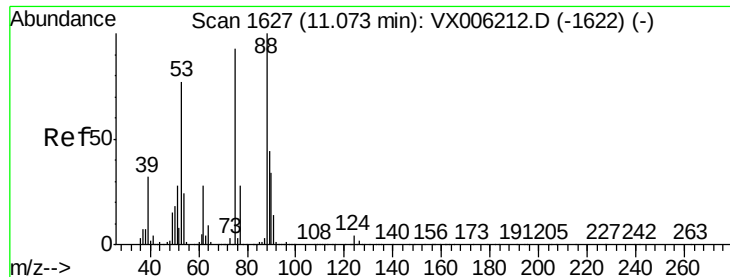
Tot Ion: 91 Resp: 405655
 Ion Ratio Lower Upper
 91 100
 126 37.4 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 19.015 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion: 105 Resp: 513411
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.4 76.0

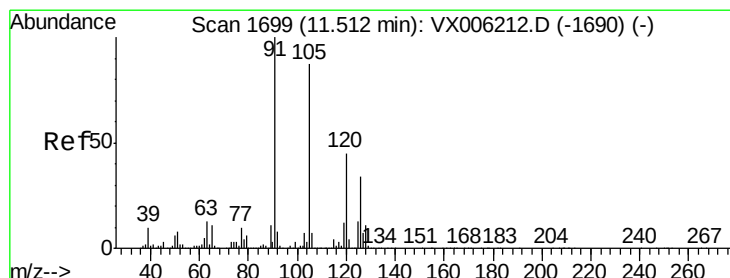
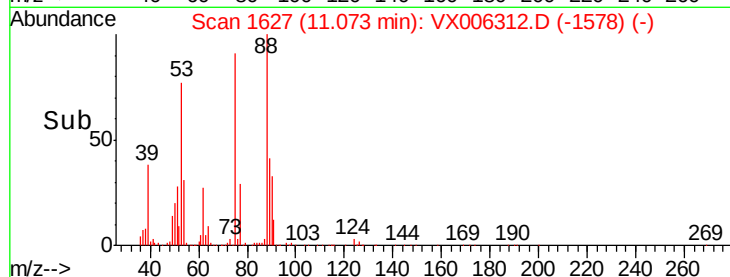
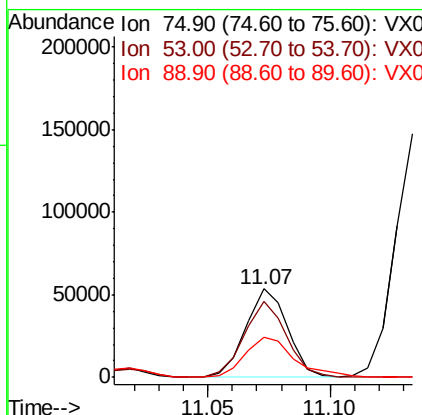
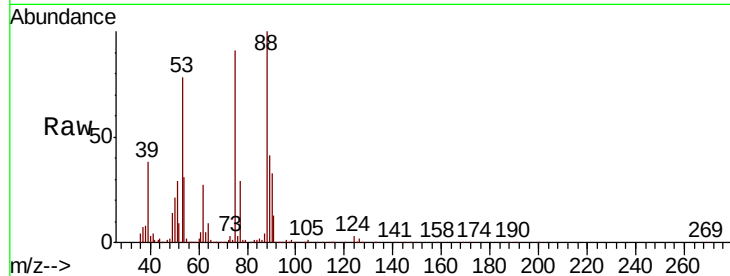




#81
trans-1,4-Dichloro-2-butene
Concen: 16.381 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

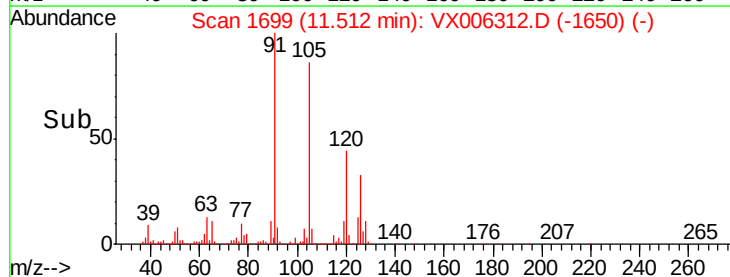
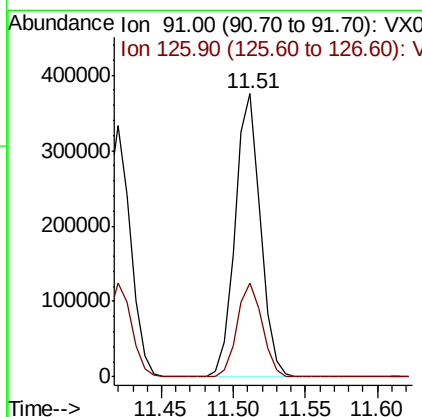
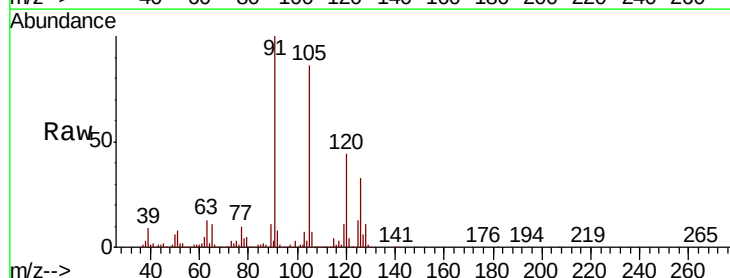
Instrument :
MSVOA_X
ClientSampleId :

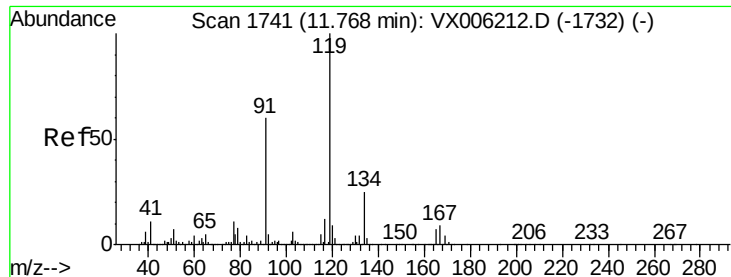
Tot Ion: 75 Resp: 63310
Ion Ratio Lower Upper
75 100
53 88.0 64.4 96.6
89 53.9 44.2 66.4



#82
4-Chlorotoluene
Concen: 18.468 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 91 Resp: 460356
Ion Ratio Lower Upper
91 100
126 33.0 16.4 49.4

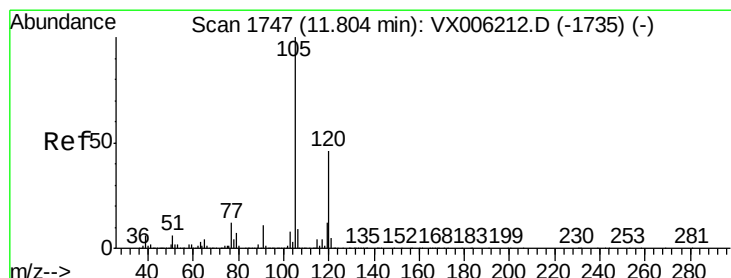
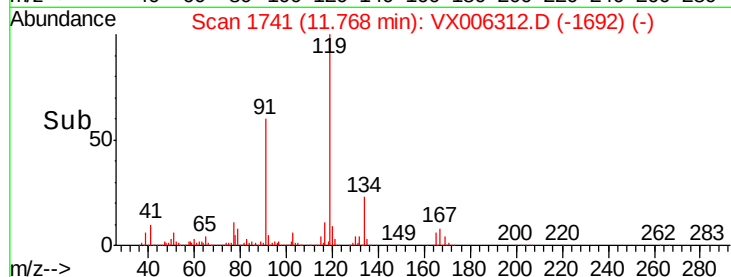
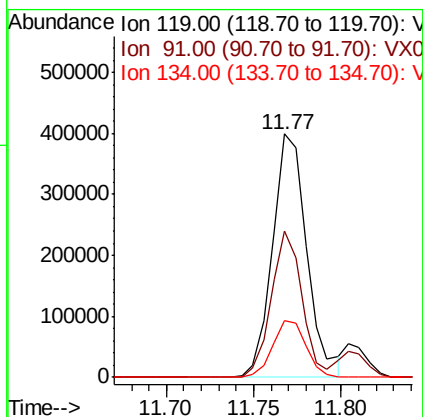
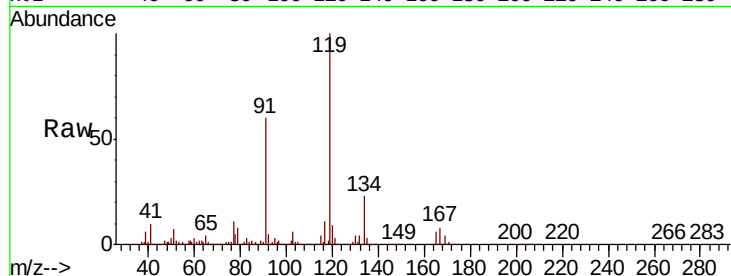




#83
 tert-Butylbenzene
 Concen: 18.920 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

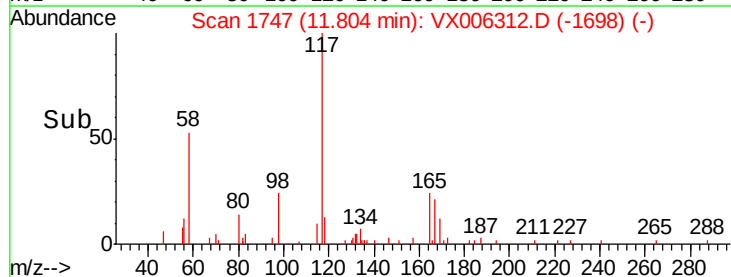
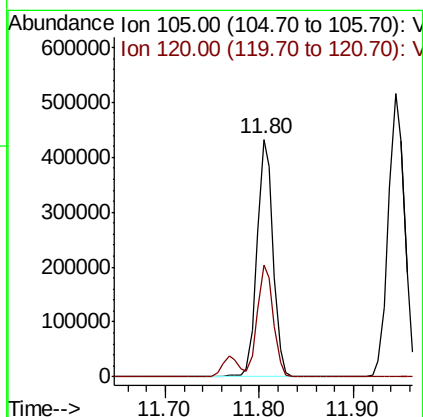
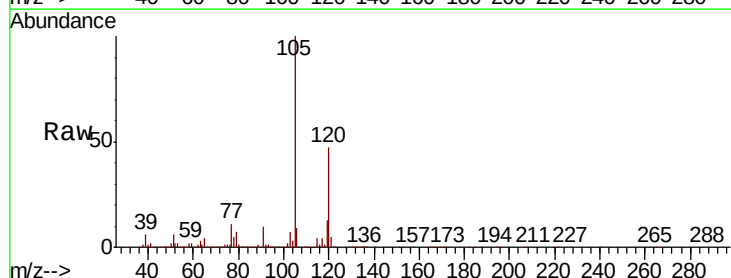
Instrument :
 MSVOA_X
 ClientSampleId :

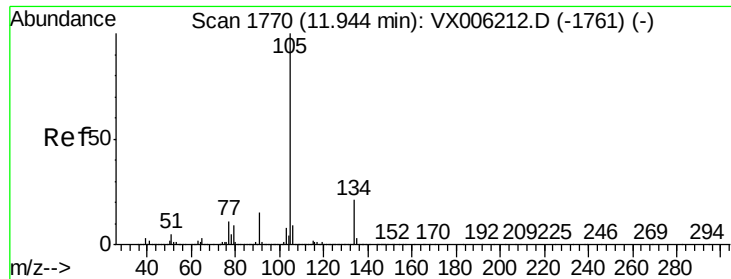
Tot Ion:119 Resp: 545041
 Ion Ratio Lower Upper
 119 100
 91 53.5 26.4 79.2
 134 22.7 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 18.779 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion:105 Resp: 523548
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 18.899 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

Instrument :

MSVOA_X

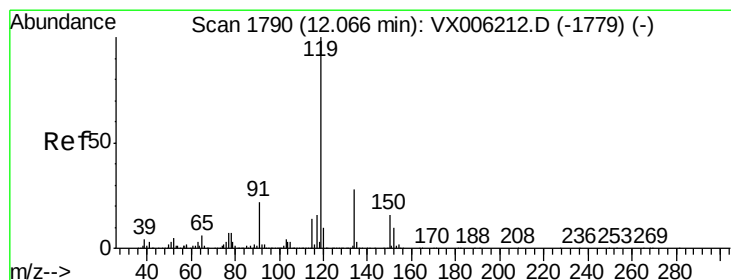
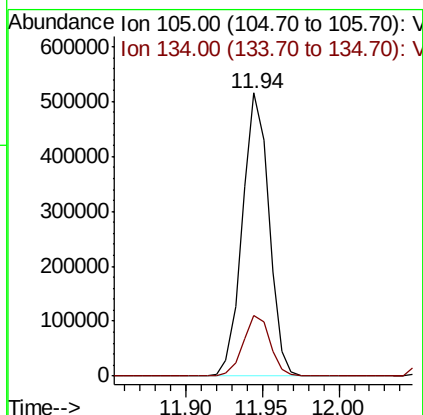
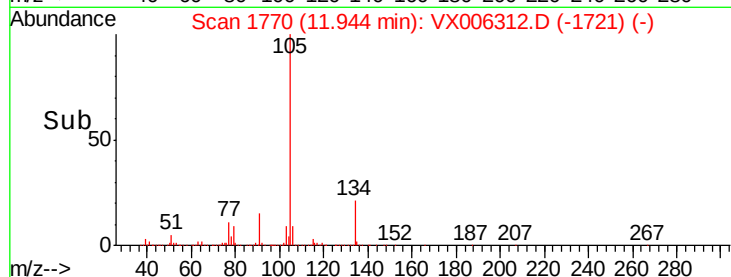
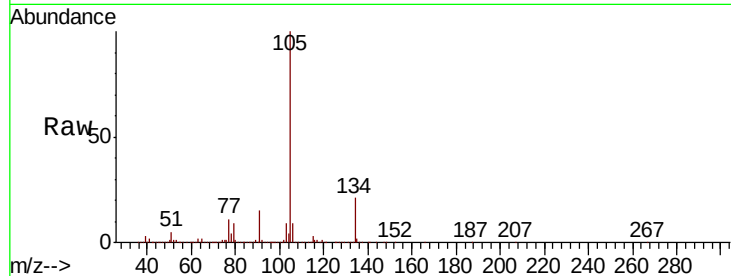
ClientSampleId :

Tot Ion:105 Resp: 619368

Ion Ratio Lower Upper

105 100

134 21.8 10.8 32.4



#86

p-Isopropyltoluene

Concen: 18.476 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006312.D

Acq: 06 Dec 2018 12:32

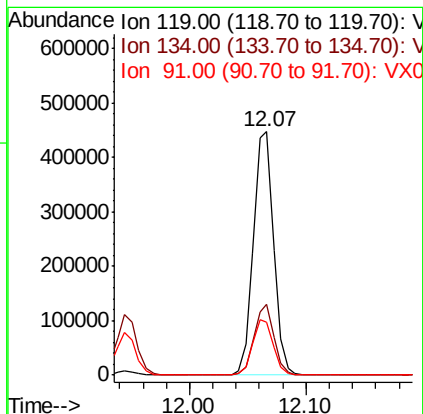
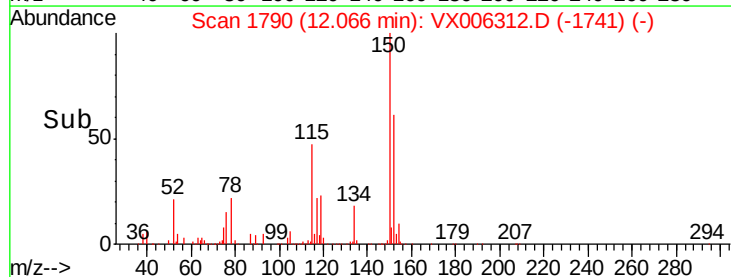
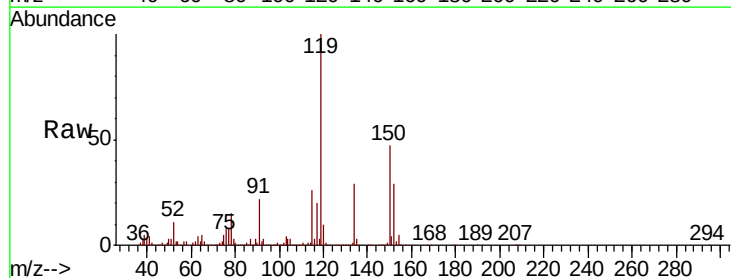
Tgt Ion:119 Resp: 545260

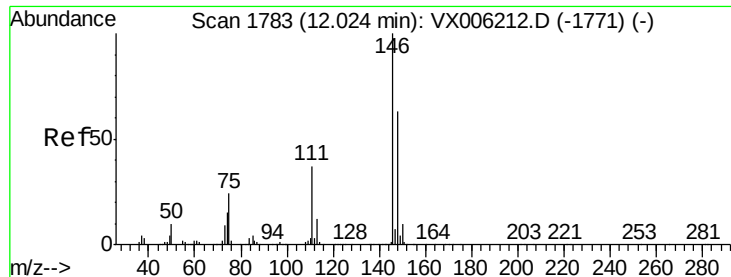
Ion Ratio Lower Upper

119 100

134 28.3 13.9 41.6

91 23.0 11.3 33.8

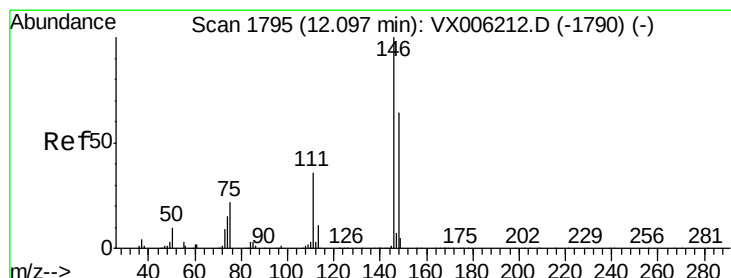
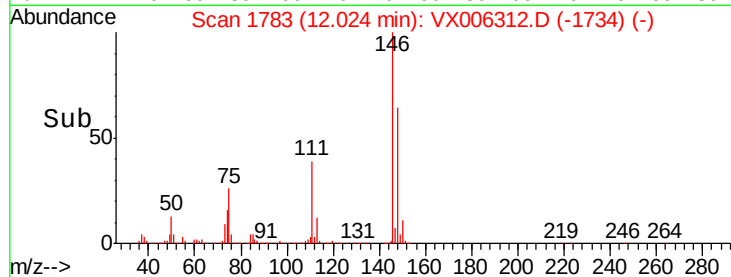
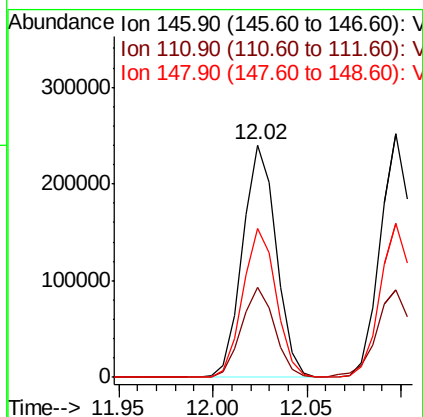
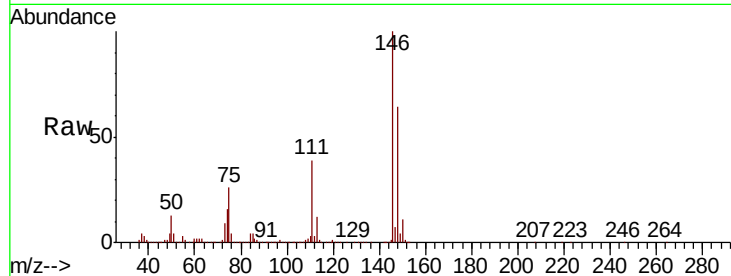




#87
 1,3-Dichlorobenzene
 Concen: 18.593 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

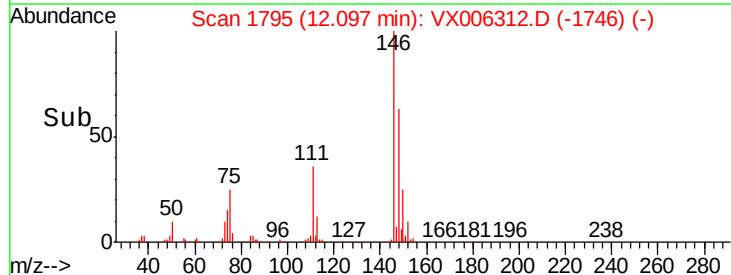
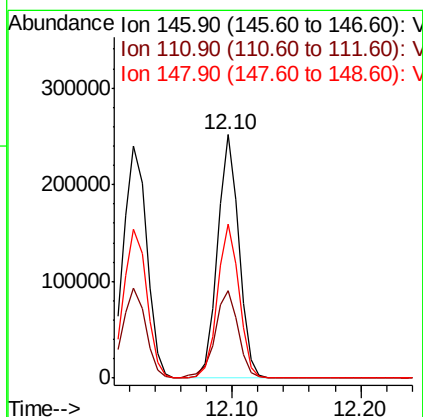
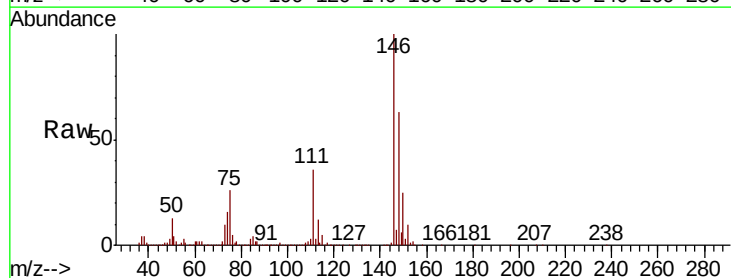
Instrument :
 MSVOA_X
 ClientSampleId :

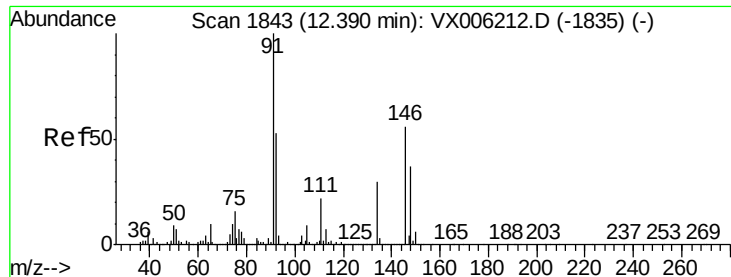
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	63.6	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.136 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.3	54.8
148	64.2	31.9	95.9

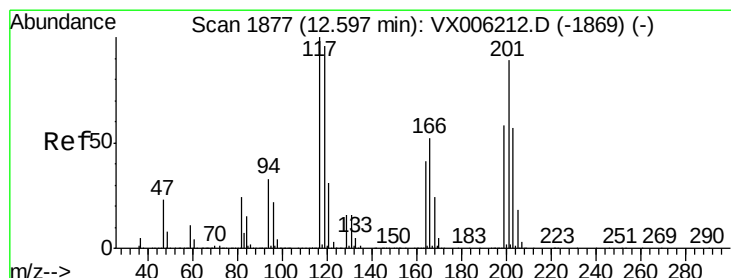
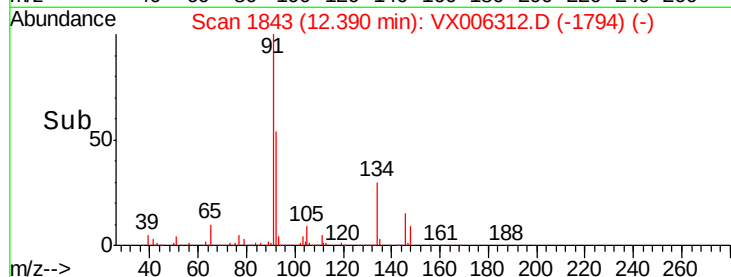
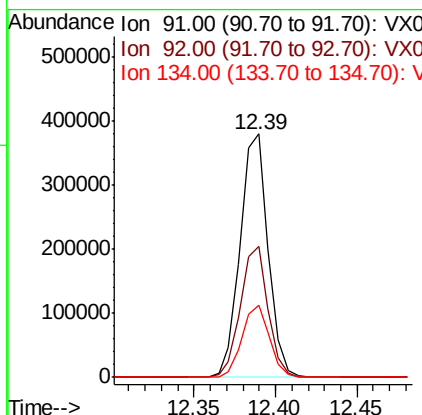
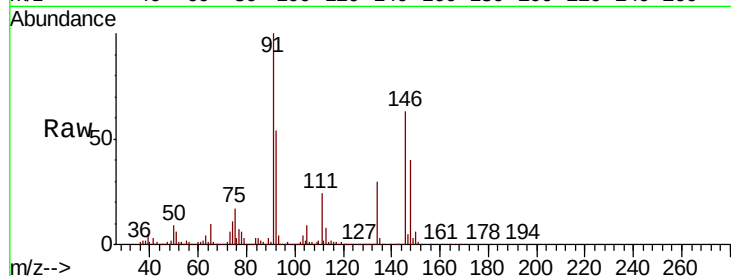




#89
n-Butylbenzene
Concen: 18.003 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

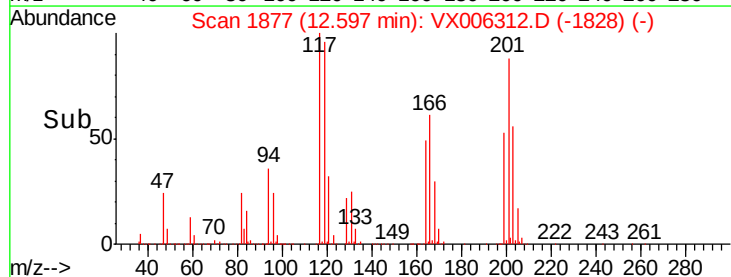
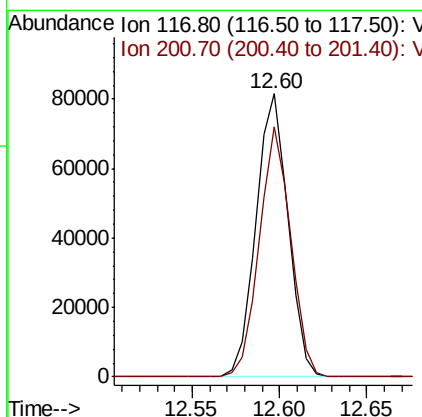
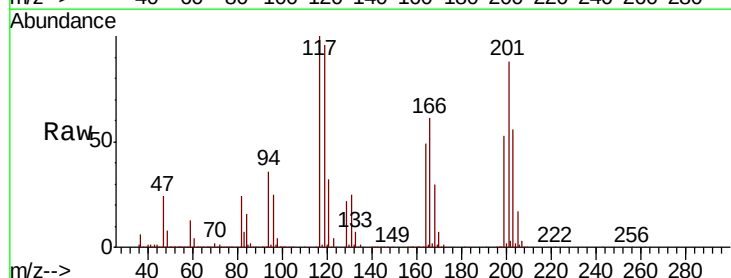
Instrument :
MSVOA_X
ClientSampled :

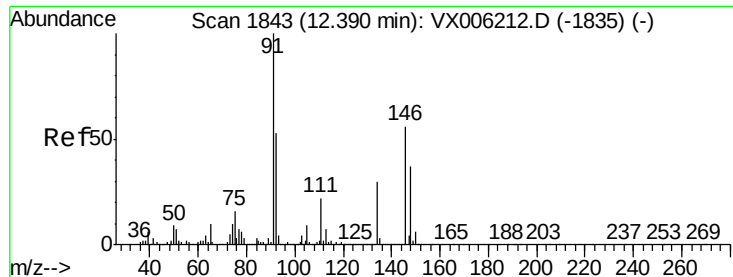
Tot Ion: 91 Resp: 453319
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 29.4 14.8 44.3



#90
Hexachloroethane
Concen: 17.251 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion: 117 Resp: 103757
Ion Ratio Lower Upper
117 100
201 86.5 44.7 134.1

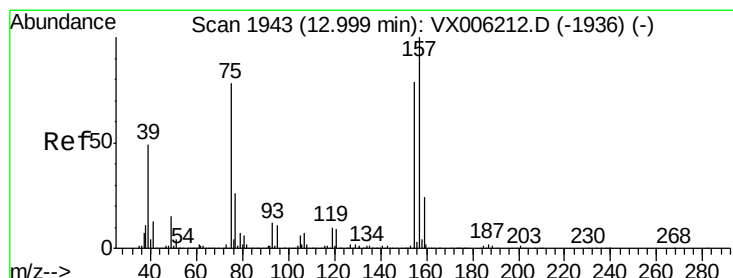
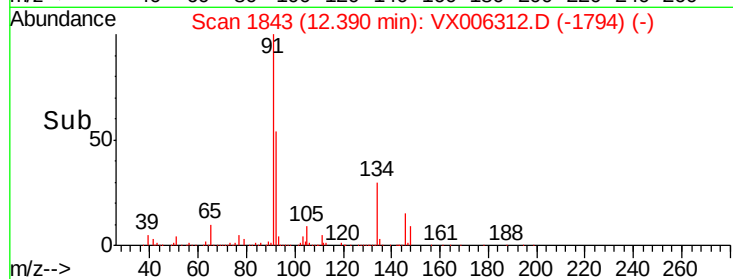
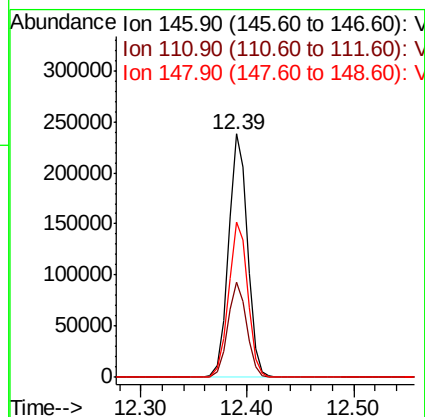
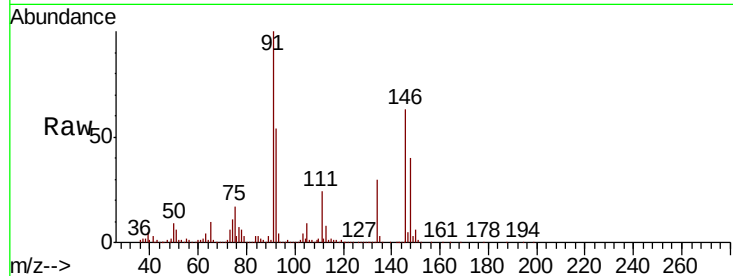




#91
 1,2-Dichlorobenzene
 Concen: 18.566 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

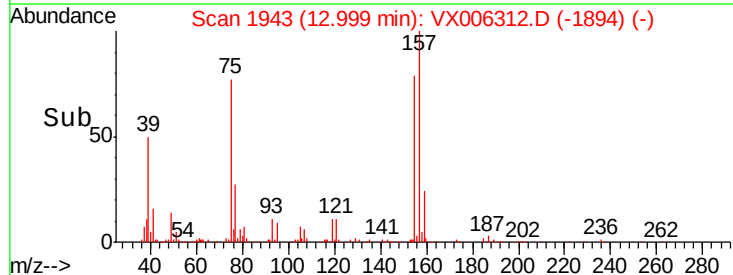
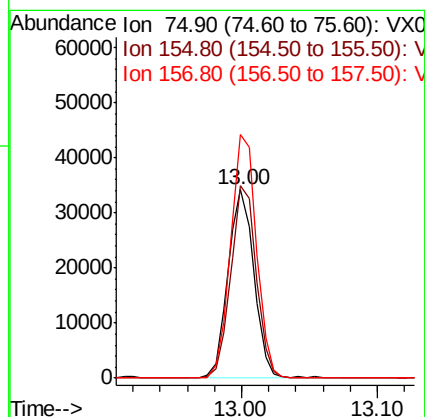
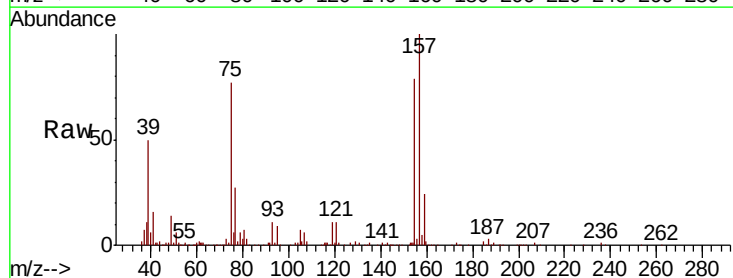
Instrument :
 MSVOA_X
 ClientSampleId :

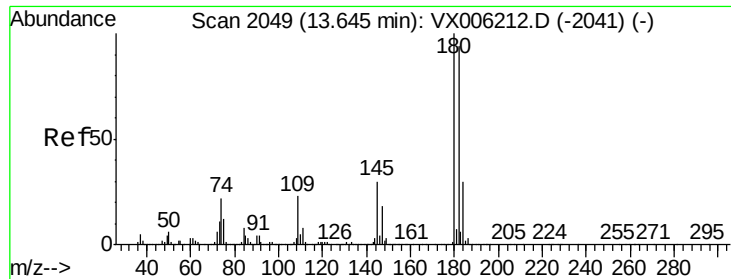
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.3
148	64.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.113 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	53.4	160.3
157	127.9	68.0	203.8

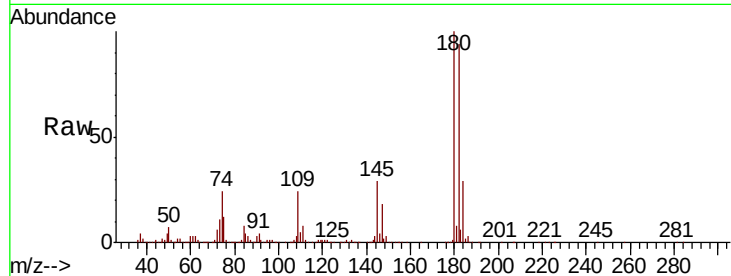




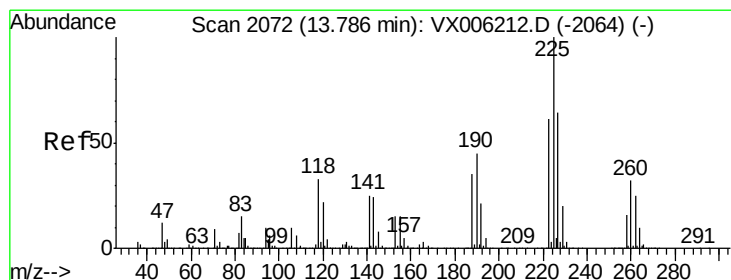
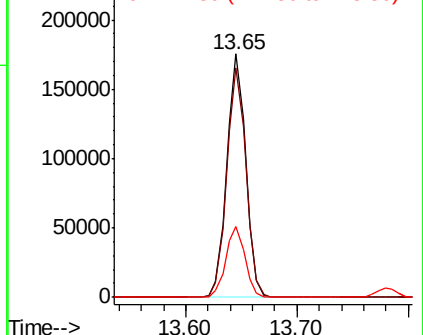
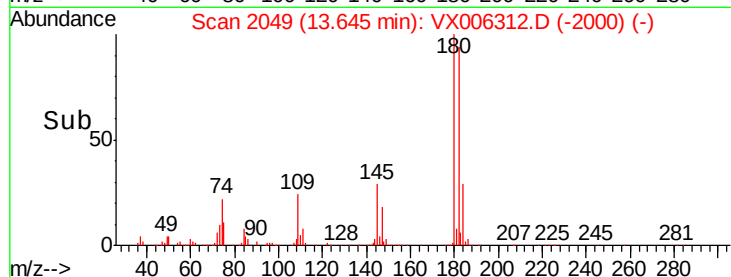
#93
 1,2,4-Trichlorobenzene
 Concen: 17.750 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.3	141.9
145	29.7	14.6	43.8

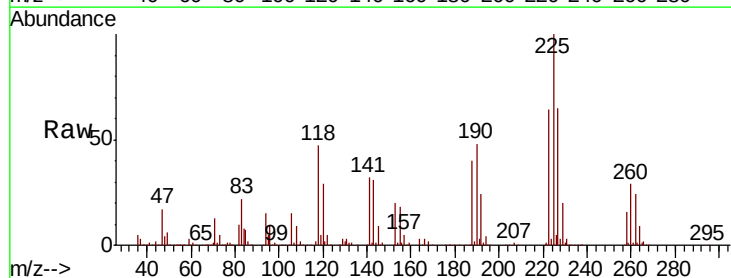


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

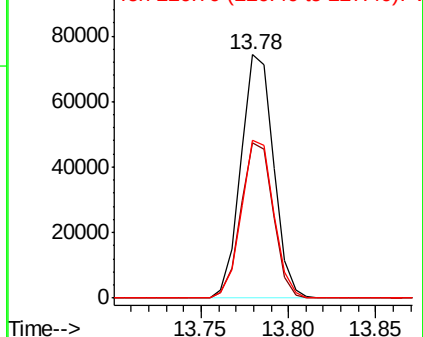
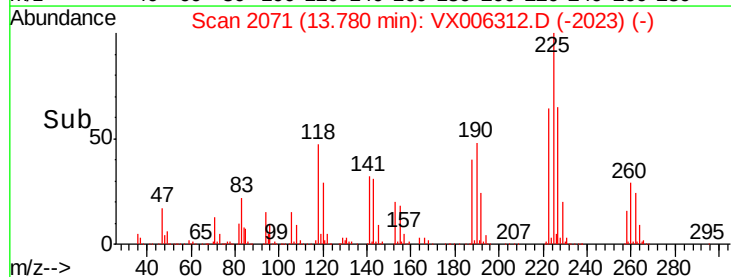


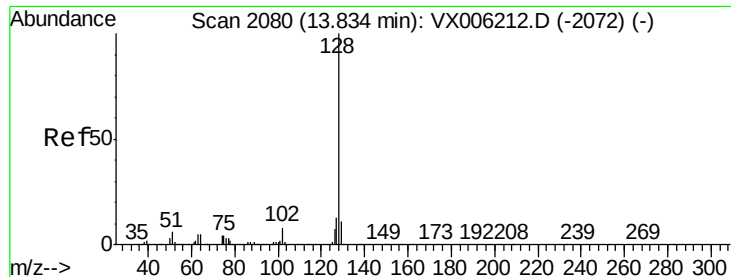
#94
 Hexachlorobutadiene
 Concen: 18.773 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006312.D
 Acq: 06 Dec 2018 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.2	93.6
227	63.9	31.9	95.5



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

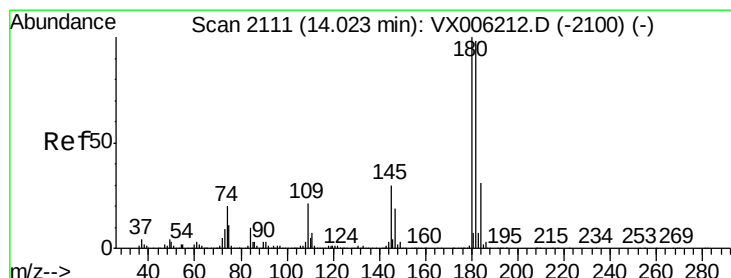
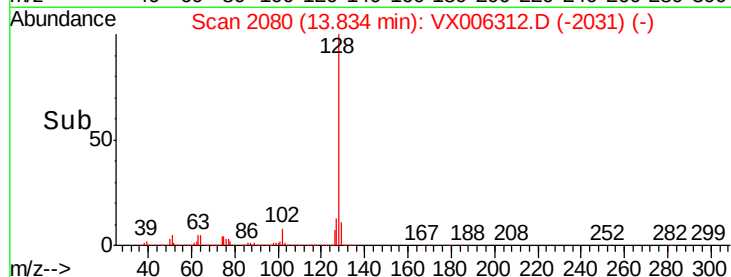
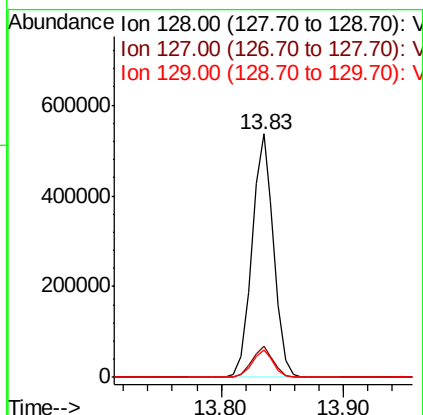
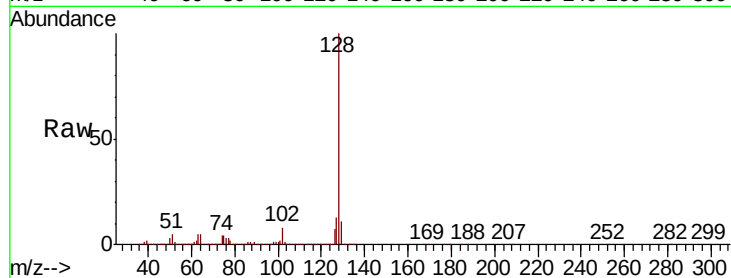




#95
Naphthalene
Concen: 18.252 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 658747
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 11.1 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.916 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006312.D
Acq: 06 Dec 2018 12:32

Tgt Ion:180 Resp: 205898
Ion Ratio Lower Upper
180 100
182 97.0 48.4 145.2
145 31.5 15.6 46.8

