

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
 Data File : VX006534.D
 Acq On : 14 Dec 2018 22:45
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 15 04:39:48 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	545336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	860049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	798612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	416081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	297046	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
35) Dibromofluoromethane	5.51	113	274366	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
50) Toluene-d8	8.71	98	1007095	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	395767	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	259644	48.626	ug/l	98
3) Chloromethane	1.33	50	278797	50.809	ug/l	98
4) Vinyl Chloride	1.41	62	310895	52.644	ug/l	99
5) Bromomethane	1.64	94	293904	71.811	ug/l	98
6) Chloroethane	1.71	64	197580	54.566	ug/l	99
7) Trichlorofluoromethane	1.93	101	486649	53.683	ug/l	98
8) Diethyl Ether	2.19	74	188876	55.052	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	280777	54.471	ug/l	98
10) Methyl Iodide	2.51	142	457028	58.833	ug/l	98
11) Tert butyl alcohol	3.07	59	377077	247.678	ug/l	99
12) 1,1-Dichloroethene	2.37	96	267531	54.216	ug/l	94
13) Acrolein	2.29	56	212523	255.401	ug/l	96
14) Allyl chloride	2.73	41	447892	45.949	ug/l	98
15) Acrylonitrile	3.15	53	835323	262.929	ug/l	99
16) Acetone	2.45	43	675709	258.639	ug/l	95
17) Carbon Disulfide	2.57	76	680527	44.755	ug/l	99
18) Methyl Acetate	2.78	43	455340	52.117	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	916360	52.056	ug/l	98
20) Methylene Chloride	2.86	84	303867	54.651	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	287621	54.696	ug/l	90
22) Diisopropyl ether	3.87	45	839467	55.136	ug/l	98
23) Vinyl Acetate	3.82	43	3395726	261.491	ug/l	100
24) 1,1-Dichloroethane	3.70	63	480370	55.199	ug/l	99
25) 2-Butanone	4.70	43	1016246	272.617	ug/l	100
26) 2,2-Dichloropropane	4.59	77	340242	42.364	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	329902	56.243	ug/l	97
28) Bromochloromethane	5.02	49	198758	52.288	ug/l	99
29) Tetrahydrofuran	5.15	42	689055	265.964	ug/l	96
30) Chloroform	5.21	83	522732	57.159	ug/l	100
31) Cyclohexane	5.57	56	436498	54.274	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	455292	52.324	ug/l	99
36) 1,1-Dichloropropene	5.80	75	385127	53.176	ug/l	98
37) Ethyl Acetate	4.85	43	393424	48.507	ug/l	98
38) Carbon Tetrachloride	5.79	117	397531	46.657	ug/l	98

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 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	490110	52.134	ug/l	96
40) Benzene	6.14	78	1173061	54.078	ug/l	99
41) Methacrylonitrile	5.06	41	219306	49.140	ug/l	98
42) 1,2-Dichloroethane	6.20	62	391237	55.109	ug/l	100
43) Isopropyl Acetate	6.46	43	639805	47.313	ug/l	99
44) Trichloroethene	7.21	130	344276	52.390	ug/l	94
45) 1,2-Dichloropropane	7.52	63	289559	52.522	ug/l	98
46) Dibromomethane	7.66	93	210246	52.804	ug/l	95
47) Bromodichloromethane	7.90	83	366643	47.551	ug/l	99
48) Methyl methacrylate	7.77	41	329507	50.087	ug/l	98
49) 1,4-Dioxane	7.75	88	170969	1054.445	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2042428	259.448	ug/l	98
52) Toluene	8.79	92	775674	54.353	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	407855	45.229	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	447724	47.815	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	319253	55.065	ug/l	99
56) Ethyl methacrylate	9.18	69	481360	53.109	ug/l	96
57) 1,3-Dichloropropane	9.37	76	500148	54.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1071846	233.042	ug/l	99
59) 2-Hexanone	9.49	43	1522126	253.081	ug/l	98
60) Dibromochloromethane	9.59	129	328355	45.929	ug/l	100
61) 1,2-Dibromoethane	9.67	107	348613	53.776	ug/l	100
64) Tetrachloroethene	9.34	164	327603	54.471	ug/l	97
65) Chlorobenzene	10.14	112	917757	54.136	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	320385	48.641	ug/l	99
67) Ethyl Benzene	10.25	91	1502754	53.297	ug/l	99
68) m/p-Xylenes	10.36	106	1205524	106.736	ug/l	100
69) o-Xylene	10.70	106	589764	52.864	ug/l	98
70) Styrene	10.71	104	963868	53.419	ug/l	99
71) Bromoform	10.86	173	248052	39.894	ug/l #	98
73) Isopropylbenzene	11.02	105	1563362	54.408	ug/l	100
74) N-amyl acetate	10.90	43	581976	47.034	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	474744	51.644	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	534377	66.539	ug/l	87
77) Bromobenzene	11.26	156	423258	53.078	ug/l	98
78) n-propylbenzene	11.36	91	1744226	54.608	ug/l	100
79) 2-Chlorotoluene	11.42	91	1032796	54.403	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1293627	54.110	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	129710	37.902	ug/l	86
82) 4-Chlorotoluene	11.51	91	1188900	53.864	ug/l	100
83) tert-Butylbenzene	11.77	119	1332471	52.237	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1335136	54.083	ug/l	100
85) sec-Butylbenzene	11.94	105	1602551	55.223	ug/l	100
86) p-Isopropyltoluene	12.07	119	1428884	54.682	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	762343	53.728	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	755378	52.451	ug/l	99
89) n-Butylbenzene	12.39	91	1191354	53.433	ug/l	99
90) Hexachloroethane	12.60	117	230421	43.265	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	735706	52.244	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101529	43.085	ug/l	95

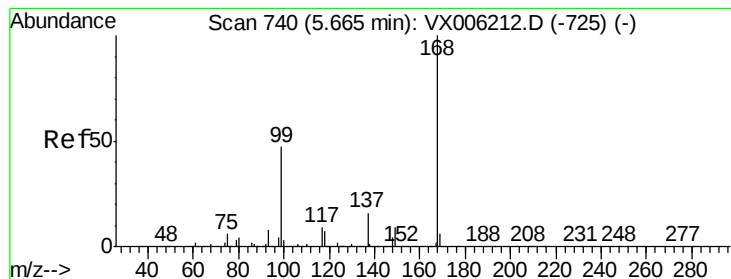
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121418\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	525378	51.138	ug/l	99
94) Hexachlorobutadiene	13.78	225	233783	51.455	ug/l	100
95) Naphthalene	13.83	128	1686883	52.785	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	521979	51.296	ug/l	98

(#) = 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: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

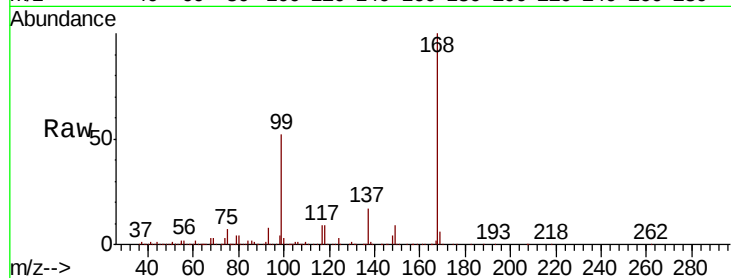
ClientSampleId :

Tot Ion:168 Resp: 545336

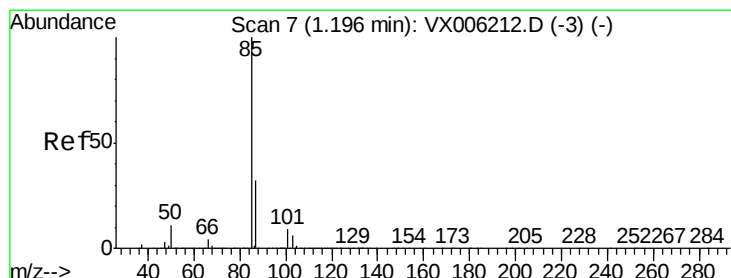
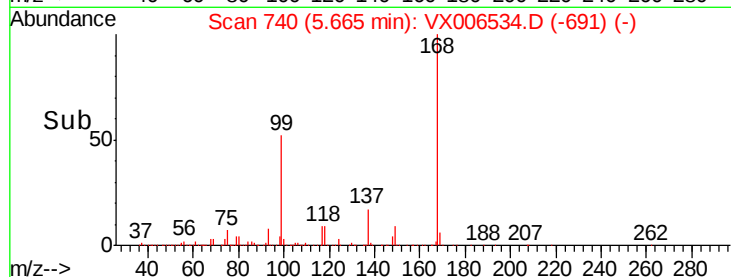
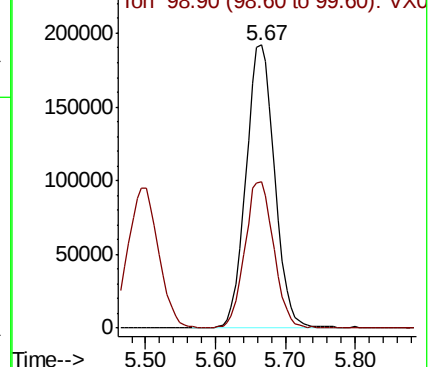
Ion Ratio Lower Upper

168 100

99 51.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V



#2

Dichlorodifluoromethane

Concen: 48.626 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006534.D

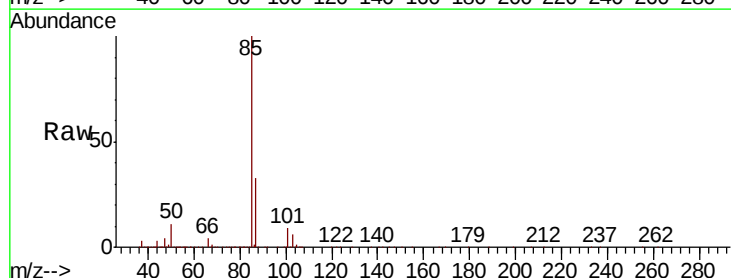
Acq: 14 Dec 2018 22:45

Tgt Ion: 85 Resp: 259644

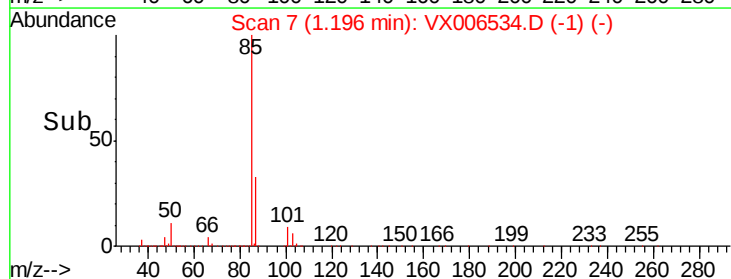
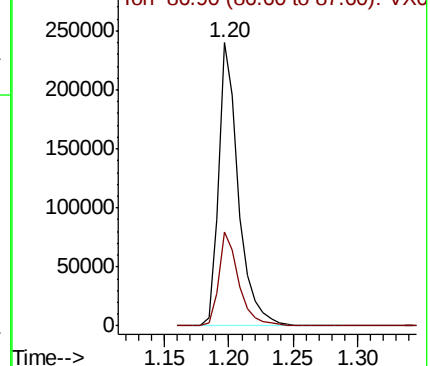
Ion Ratio Lower Upper

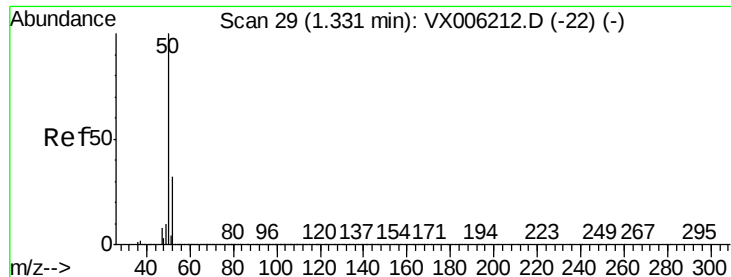
85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0





#3

Chloromethane

Concen: 50.809 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

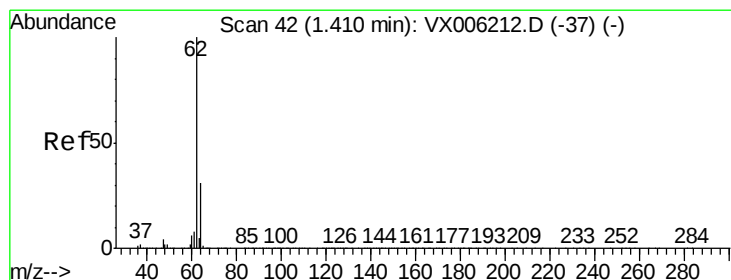
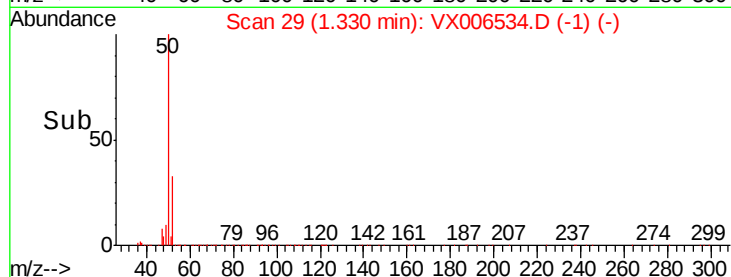
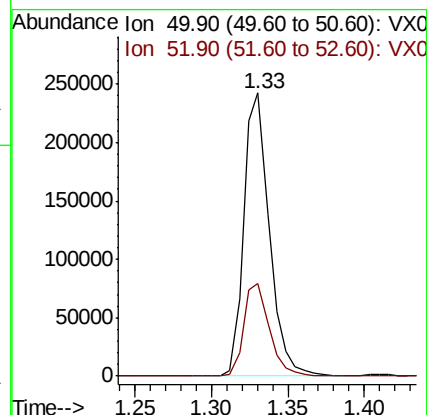
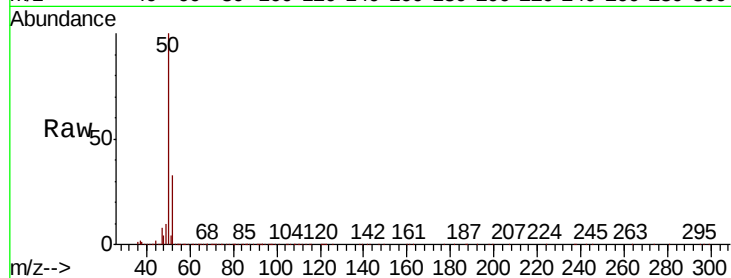
ClientSampled :

Tot Ion: 50 Resp: 278797

Ion Ratio Lower Upper

50 100

52 32.5 25.2 37.8



#4

Vinyl Chloride

Concen: 52.644 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006534.D

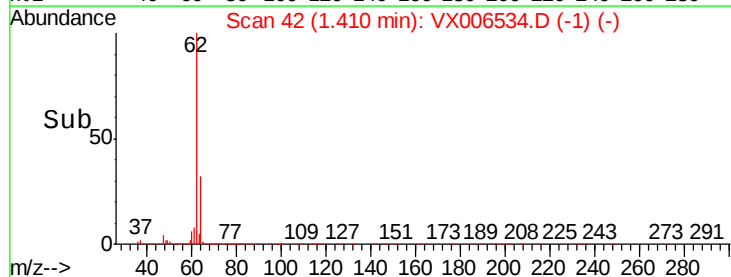
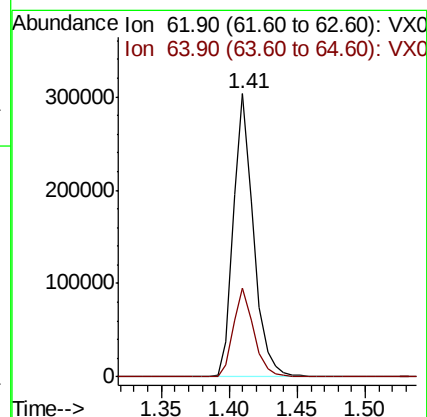
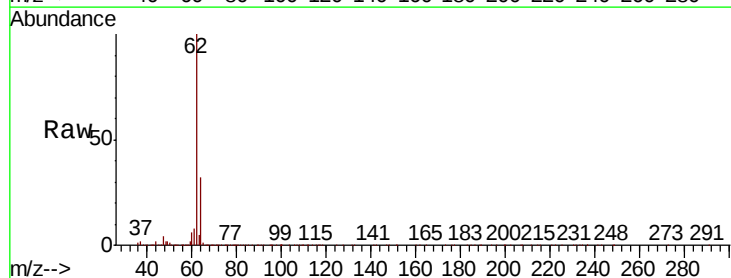
Acq: 14 Dec 2018 22:45

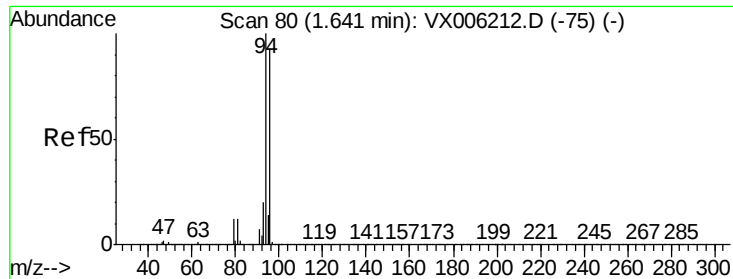
Tgt Ion: 62 Resp: 310895

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 71.811 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

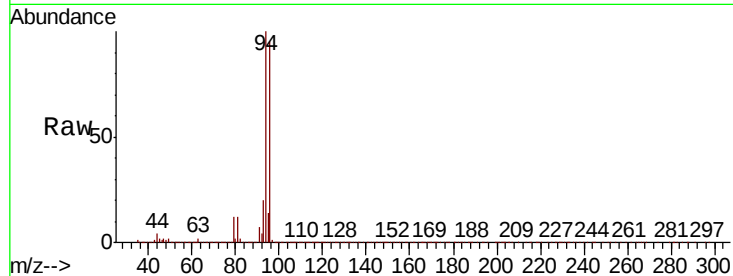
ClientSampleId :

Tot Ion: 94 Resp: 293904

Ion Ratio Lower Upper

94 100

96 94.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

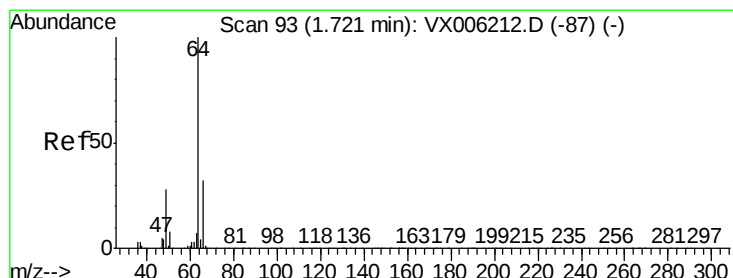
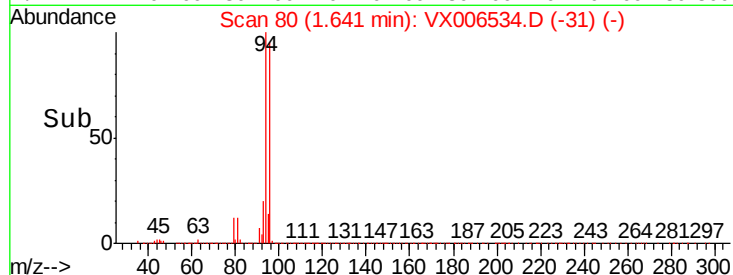
300000

200000

100000

0

Time-->



#6

Chloroethane

Concen: 54.566 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006534.D

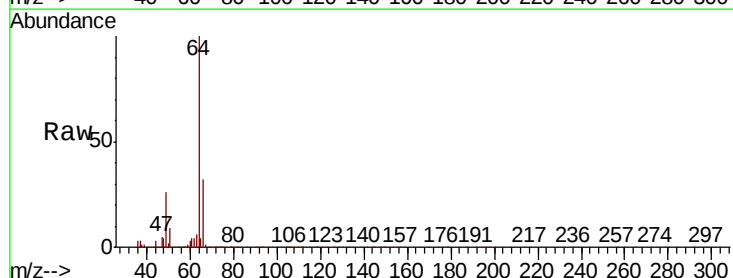
Acq: 14 Dec 2018 22:45

Tgt Ion: 64 Resp: 197580

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

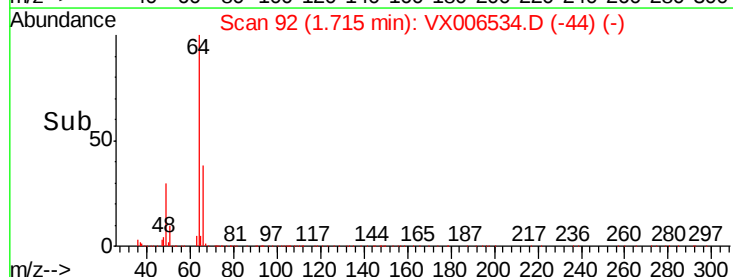
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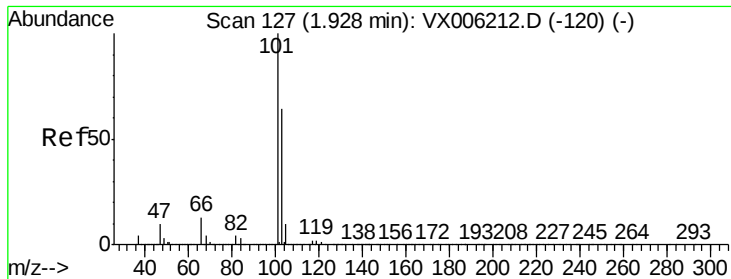
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50000

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Time-->



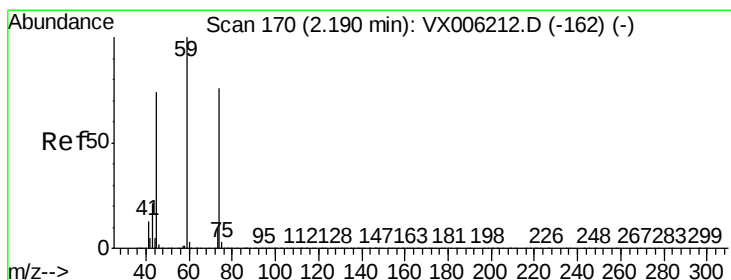
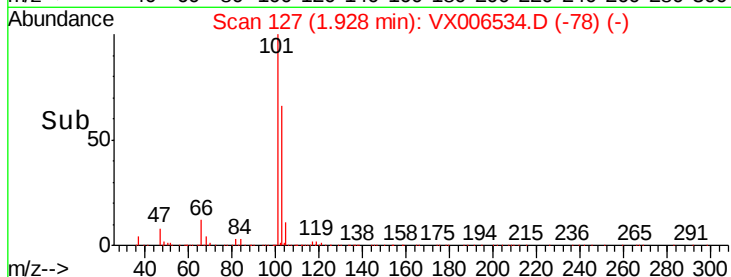
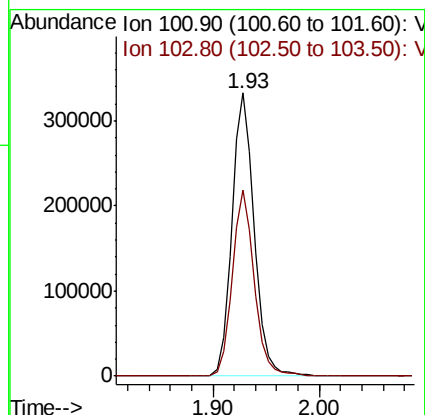
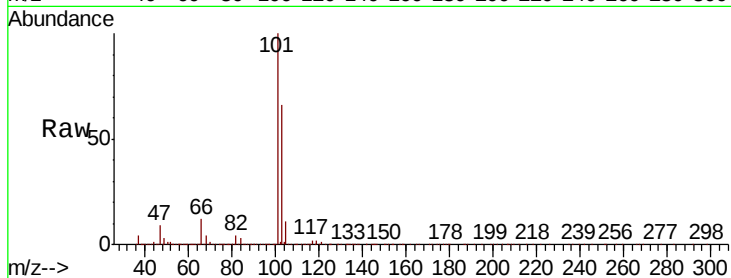


#7

Trichlorofluoromethane
 Concen: 53.683 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Instrument :
 MSVOA_X
 ClientSampleId :

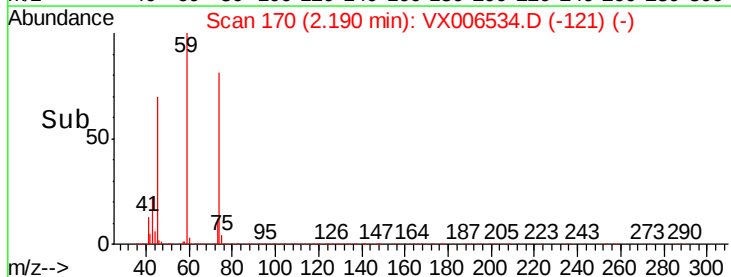
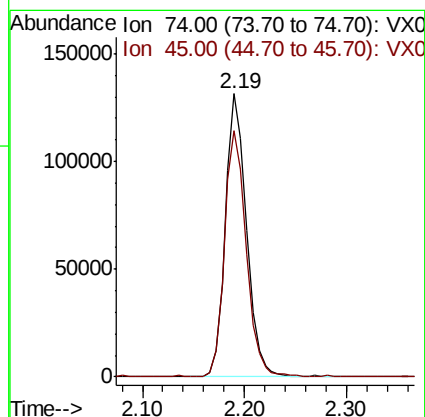
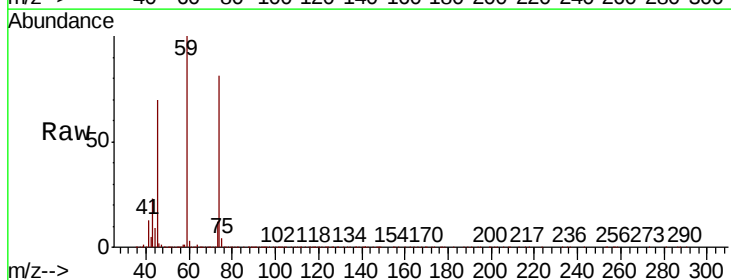
Tot Ion:101 Resp: 486649
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.0 76.4

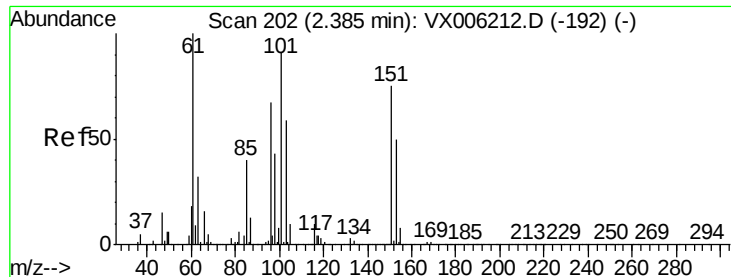


#8

Diethyl Ether
 Concen: 55.052 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion: 74 Resp: 188876
 Ion Ratio Lower Upper
 74 100
 45 88.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.471 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

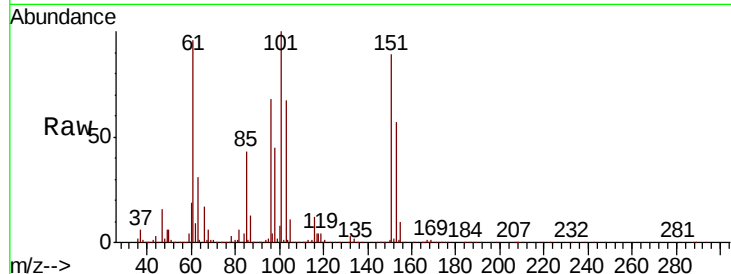
Tot Ion:101 Resp: 280777

Ion Ratio Lower Upper

101 100

85 42.9 35.5 53.3

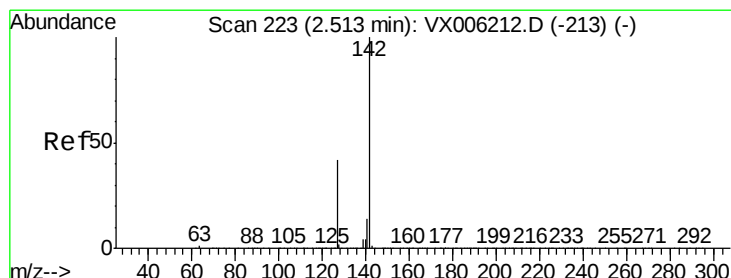
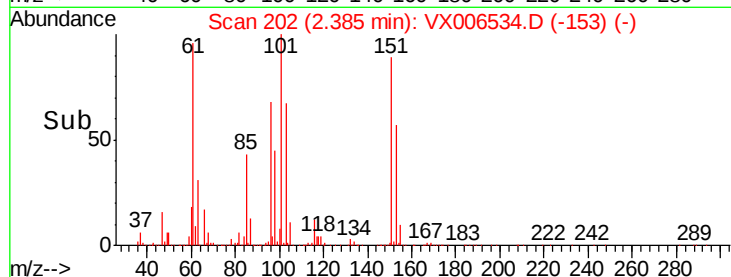
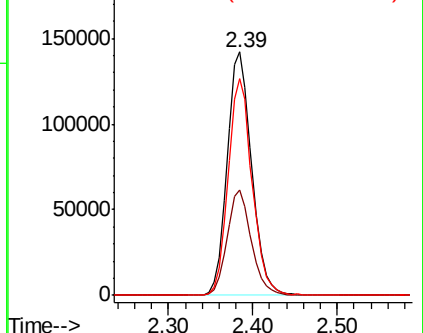
151 87.3 68.6 103.0



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: 58.833 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

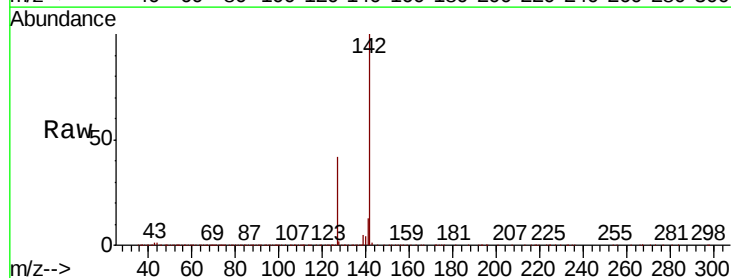
Tgt Ion:142 Resp: 457028

Ion Ratio Lower Upper

142 100

127 42.1 34.8 52.2

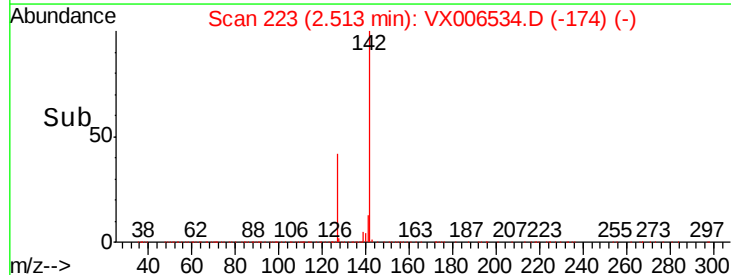
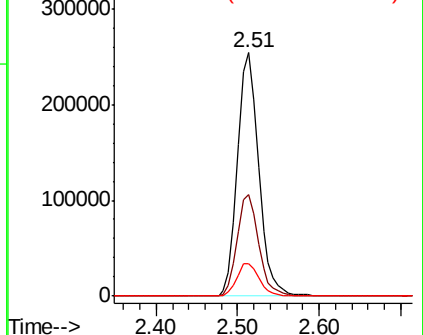
141 14.2 11.4 17.2

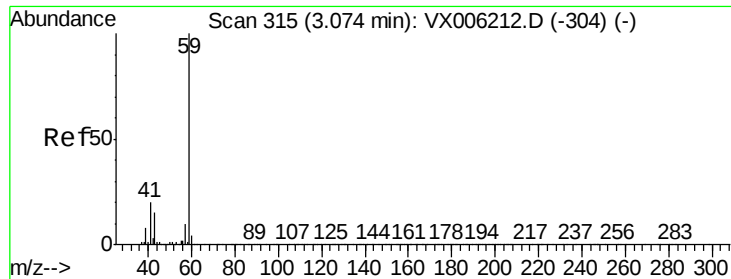


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



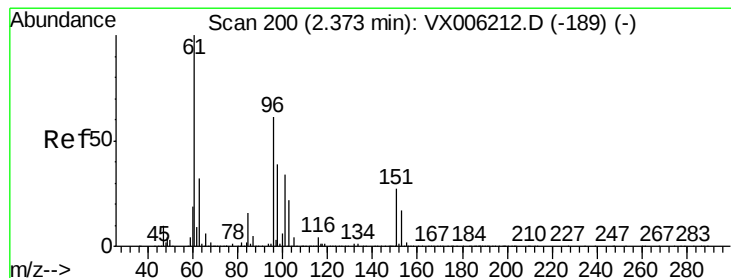
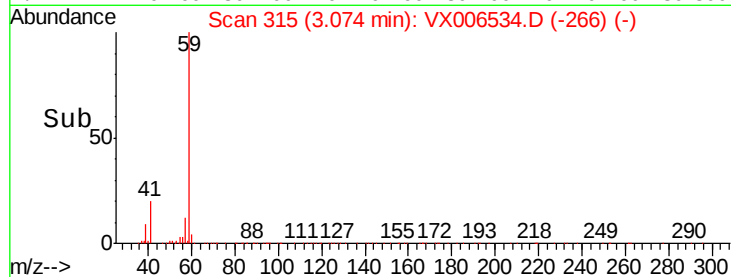
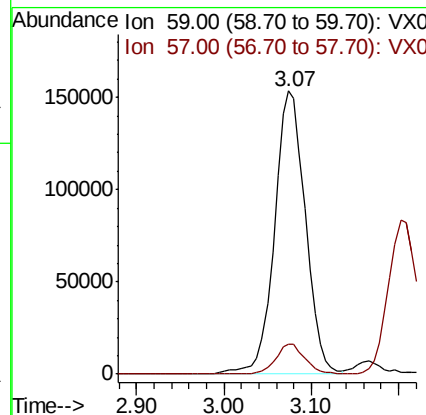
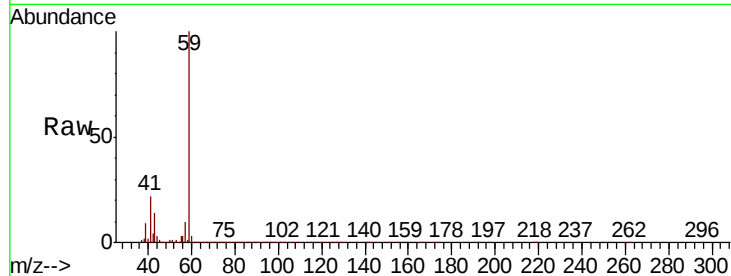


#11

Tert butyl alcohol
Concen: 247.678 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :

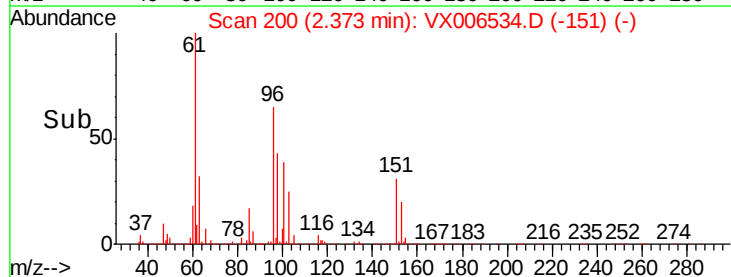
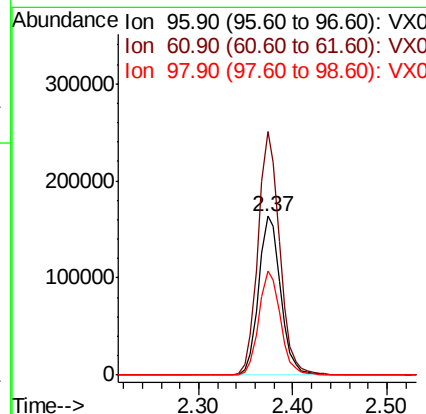
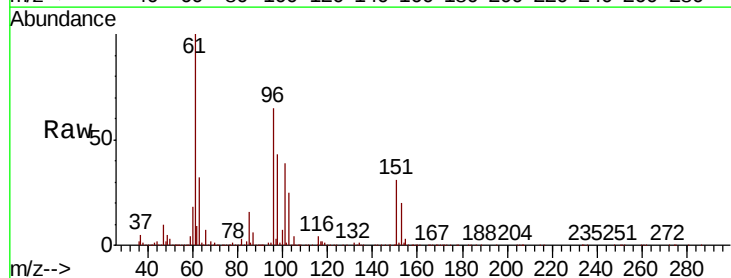
Tot Ion: 59 Resp: 377077
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

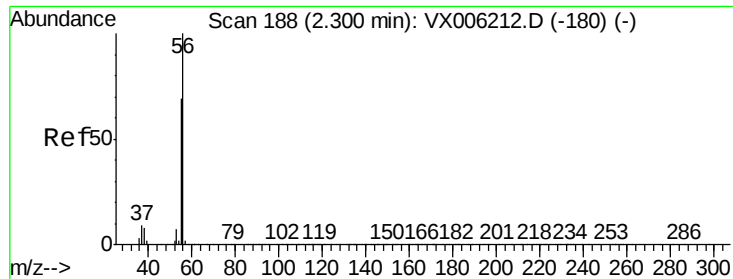


#12

1,1-Dichloroethene
Concen: 54.216 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 96 Resp: 267531
Ion Ratio Lower Upper
96 100
61 153.4 131.7 197.5
98 65.6 51.8 77.6

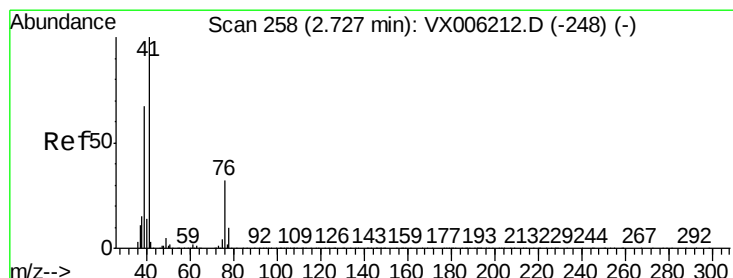
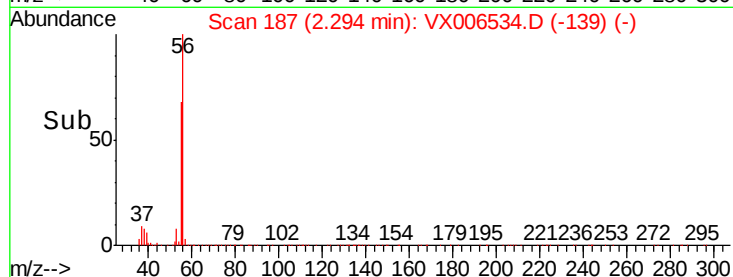
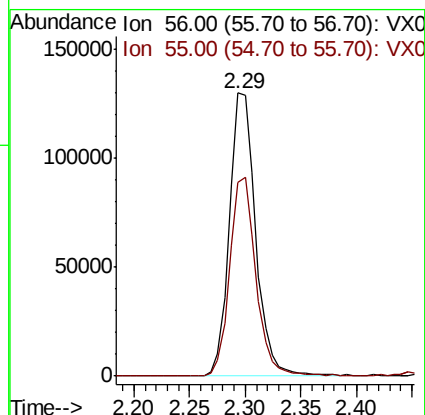
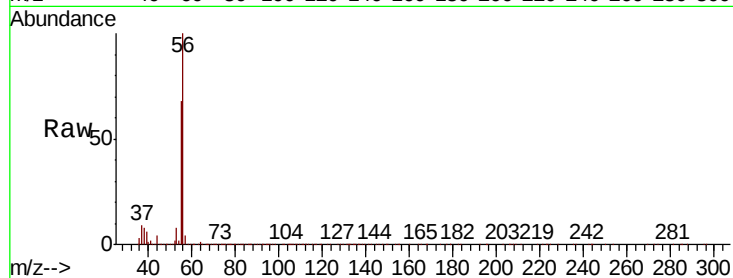




#13
 Acrolein
 Concen: 255.401 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

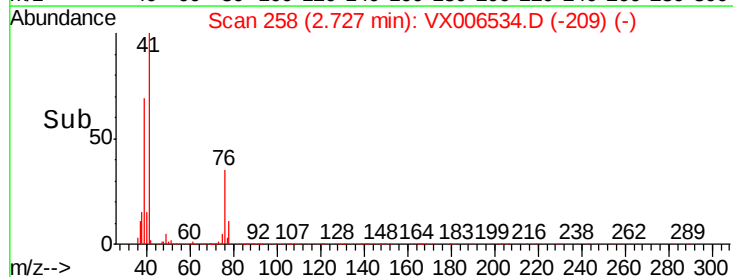
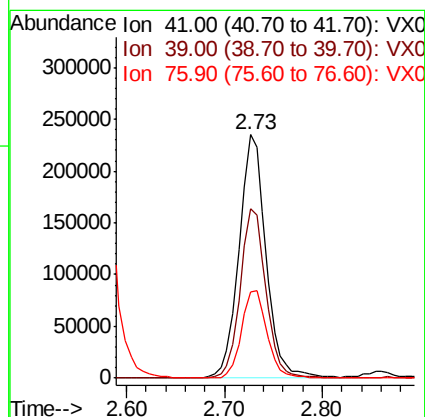
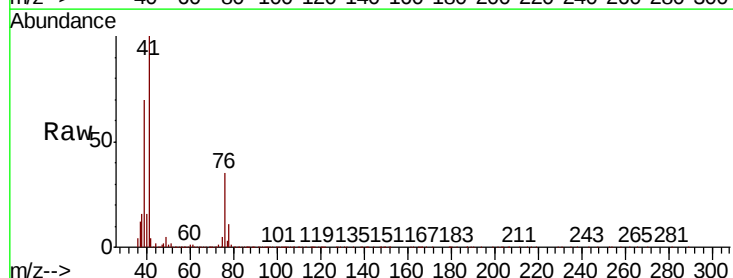
Instrument :
 MSVOA_X
 ClientSampled :

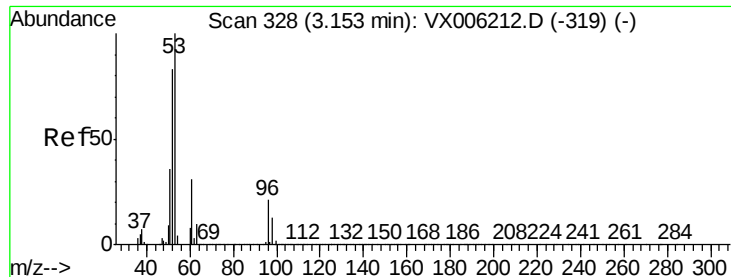
Tot Ion: 56 Resp: 212523
 Ion Ratio Lower Upper
 56 100
 55 69.1 57.8 86.6



#14
 Allyl chloride
 Concen: 45.949 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion: 41 Resp: 447892
 Ion Ratio Lower Upper
 41 100
 39 66.2 52.4 78.6
 76 34.2 25.4 38.0





#15

Acrylonitrile

Concen: 262.929 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampled :

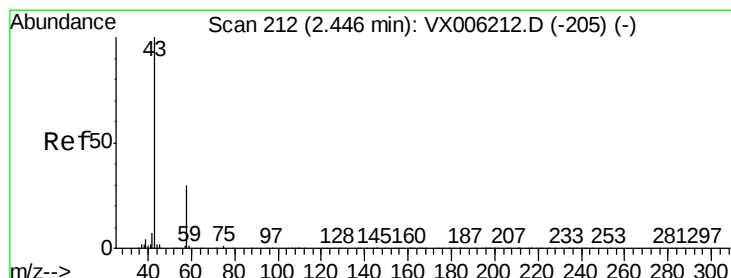
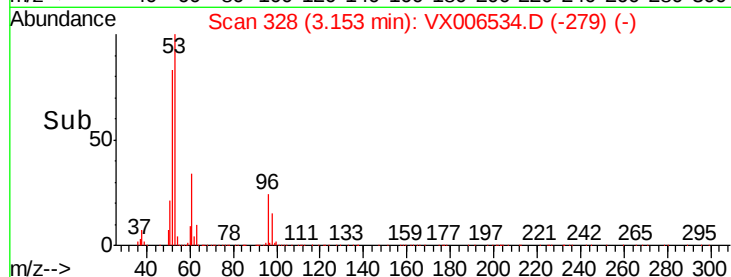
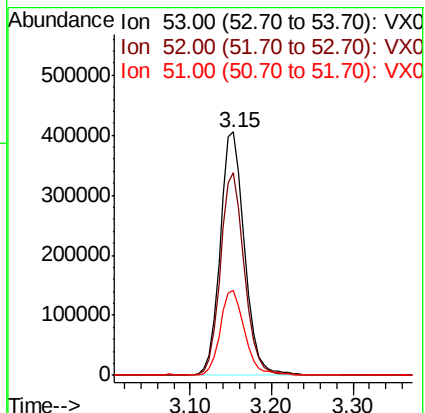
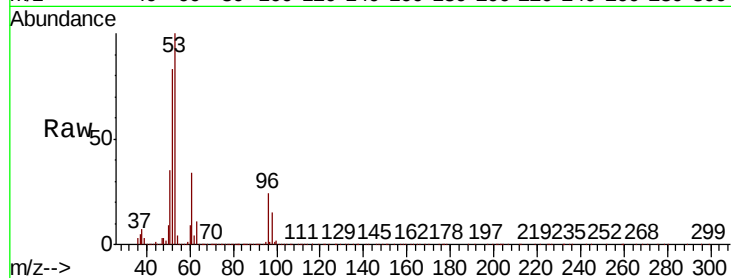
Tot Ion: 53 Resp: 835323

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.4

51 35.3 28.7 43.1



#16

Acetone

Concen: 258.639 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006534.D

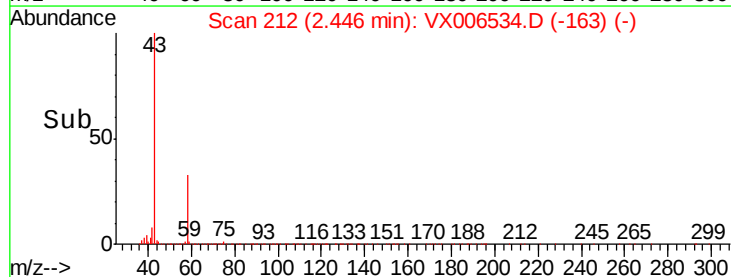
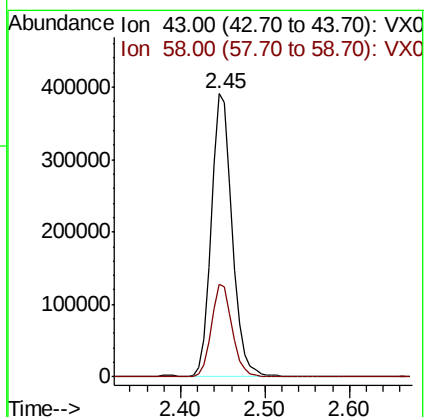
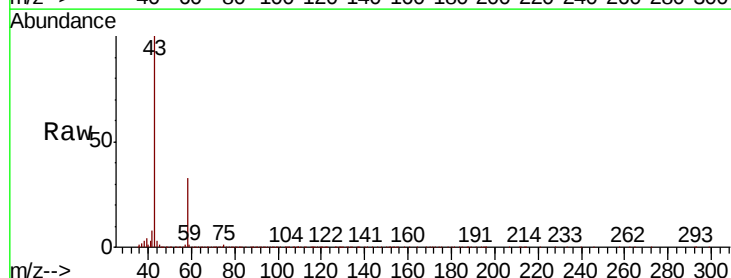
Acq: 14 Dec 2018 22:45

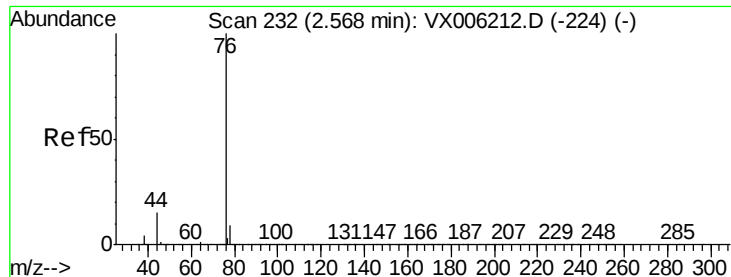
Tgt Ion: 43 Resp: 675709

Ion Ratio Lower Upper

43 100

58 32.6 24.0 36.0





#17

Carbon Disulfide

Concen: 44.755 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

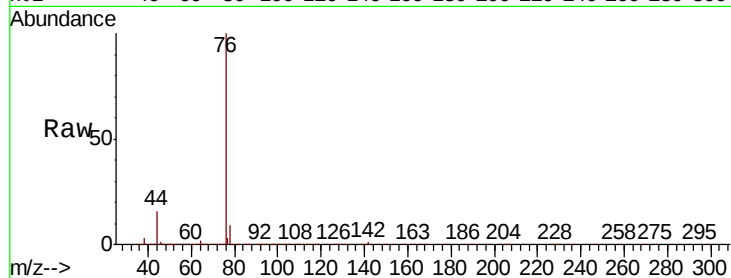
ClientSampleId :

Tot Ion: 76 Resp: 680527

Ion Ratio Lower Upper

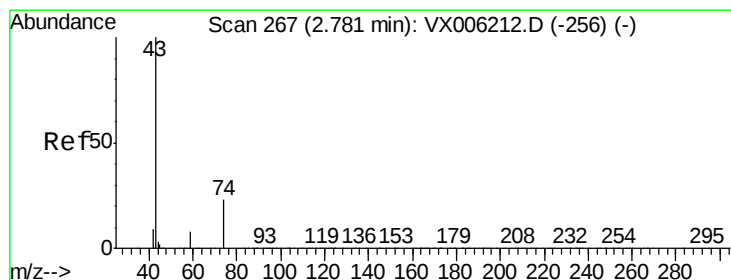
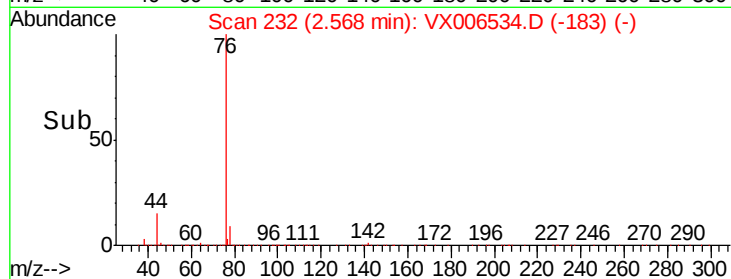
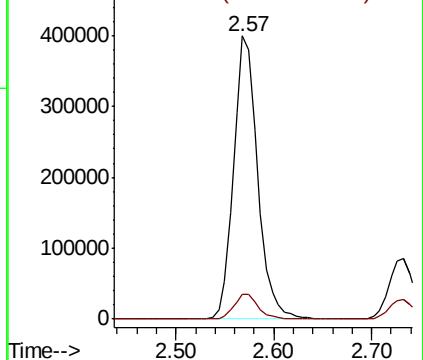
76 100

78 8.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.117 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX006534.D

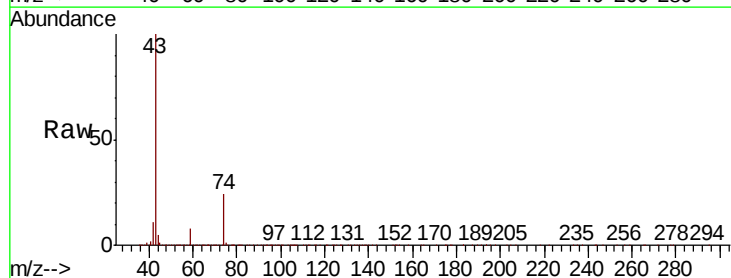
Acq: 14 Dec 2018 22:45

Tgt Ion: 43 Resp: 455340

Ion Ratio Lower Upper

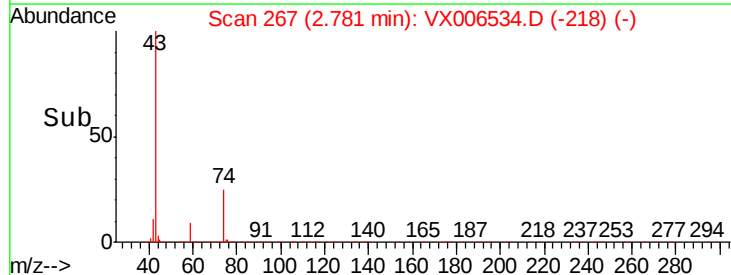
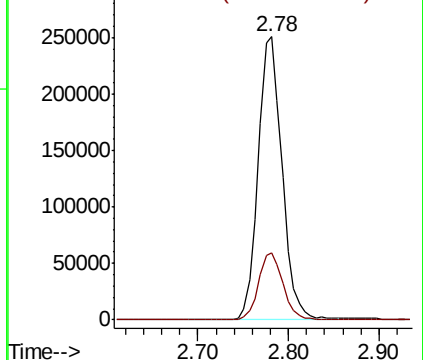
43 100

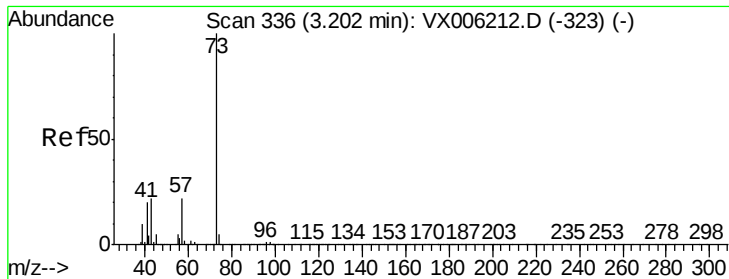
74 24.0 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

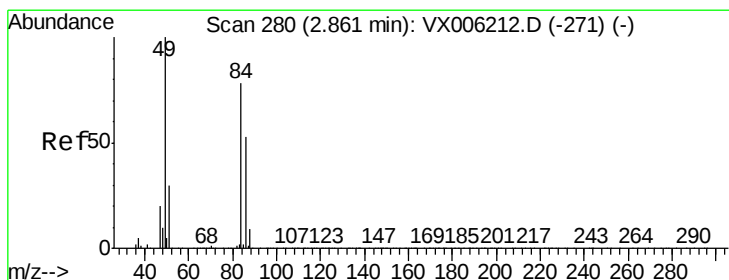
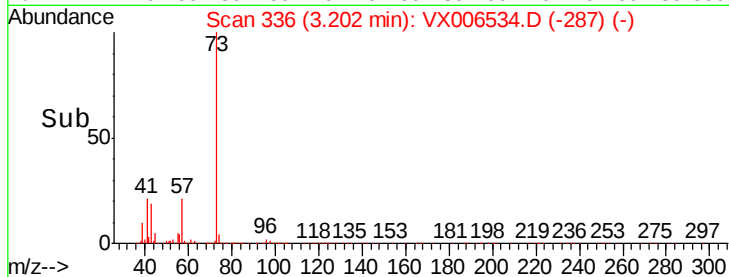
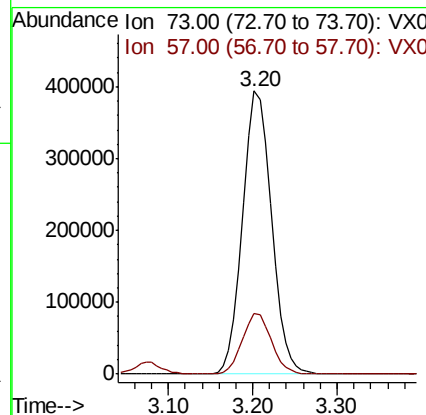
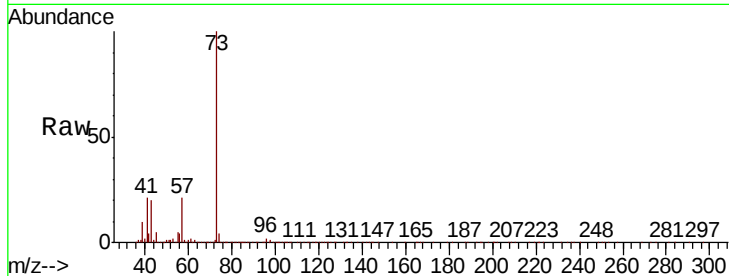




#19
Methvl tert-butvl Ether
Concen: 52.056 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

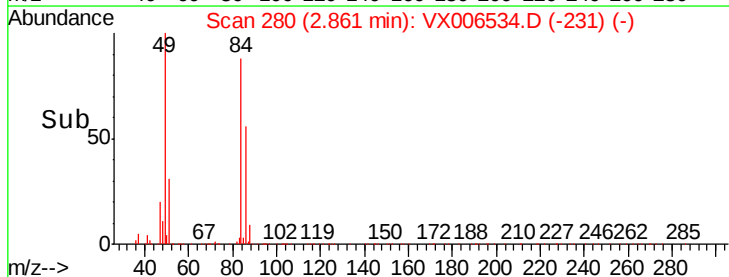
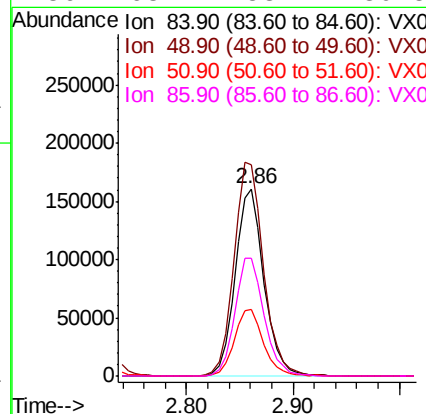
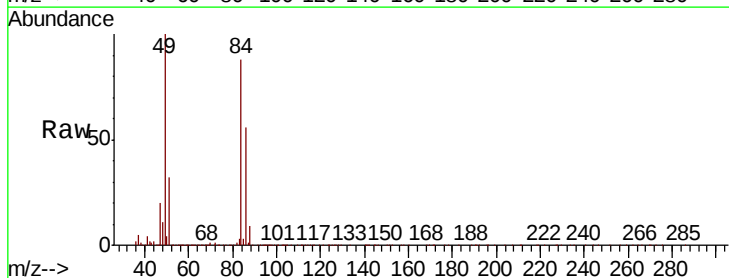
Instrument :
MSVOA_X
ClientSampleId :

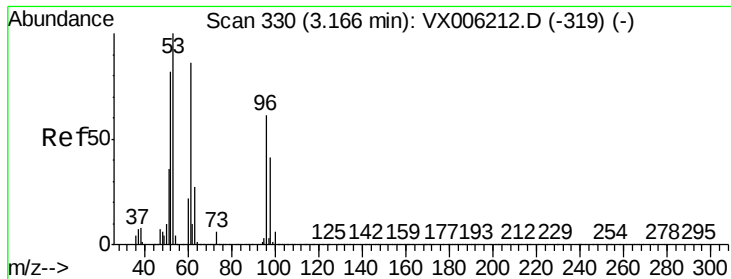
Tot Ion: 73 Resp: 916360
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3



#20
Methylene Chloride
Concen: 54.651 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 84 Resp: 303867
Ion Ratio Lower Upper
84 100
49 113.0 102.2 153.4
51 35.7 31.1 46.7
86 63.1 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 54.696 ug/l

RT: 3.17 min Scan# 330

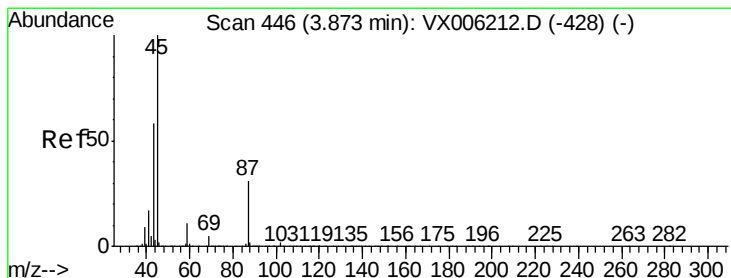
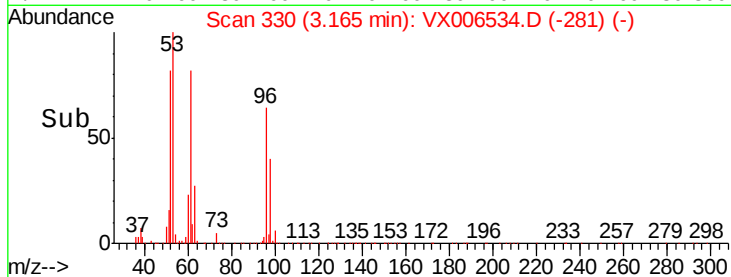
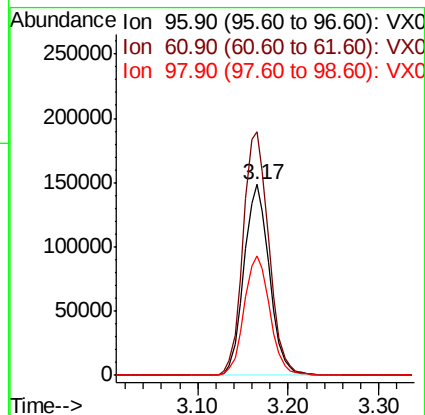
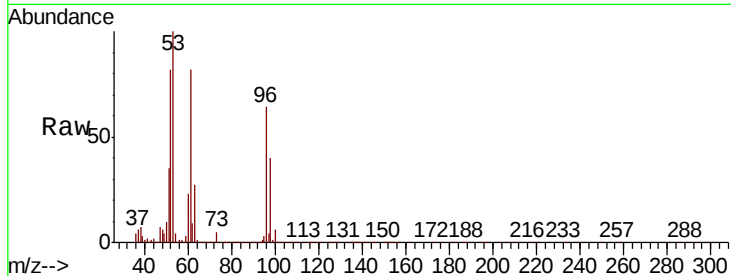
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	287621
Ion	Ratio	Lower	Upper
96	100		
61	127.5	113.3	169.9
98	62.3	53.2	79.8



#22

Diisopropyl ether

Concen: 55.136 ug/l

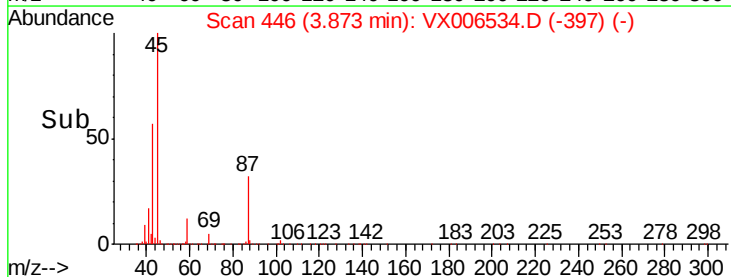
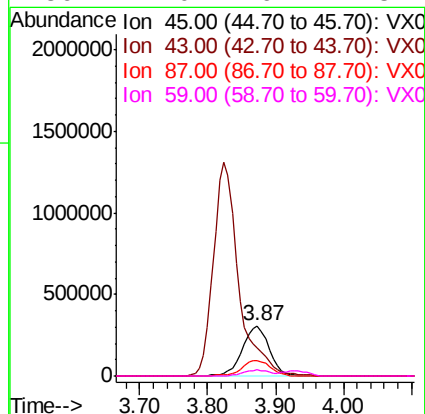
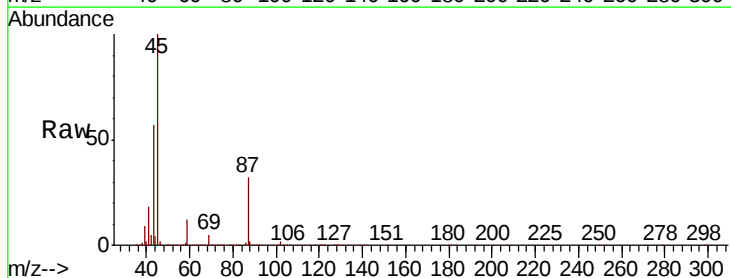
RT: 3.87 min Scan# 446

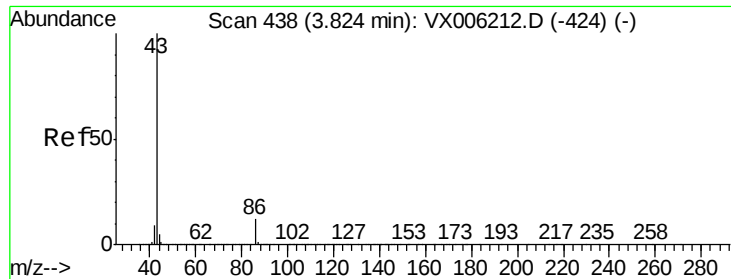
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:	45	Resp:	839467
Ion	Ratio	Lower	Upper
45	100		
43	56.2	46.2	69.2
87	31.7	24.9	37.3
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 261.491 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

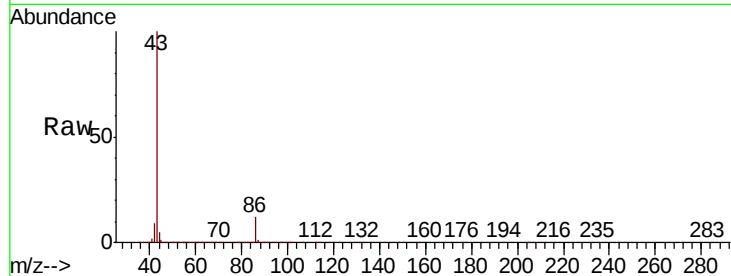
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 3395726

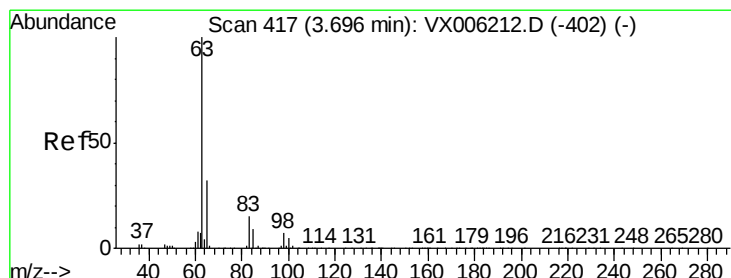
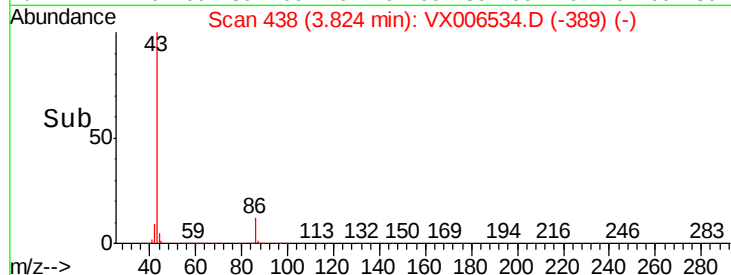
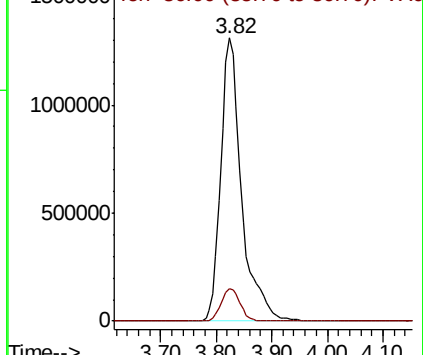
Ion Ratio Lower Upper

43 100

86 11.6 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: 55.199 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

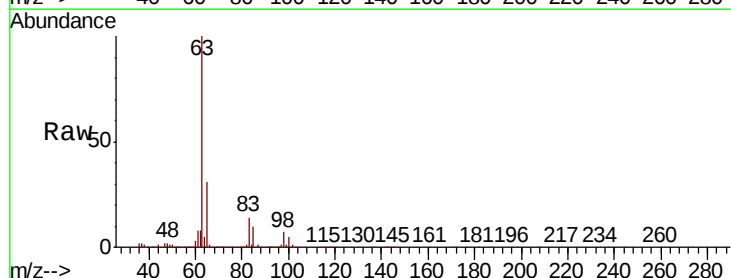
Tgt Ion: 63 Resp: 480370

Ion Ratio Lower Upper

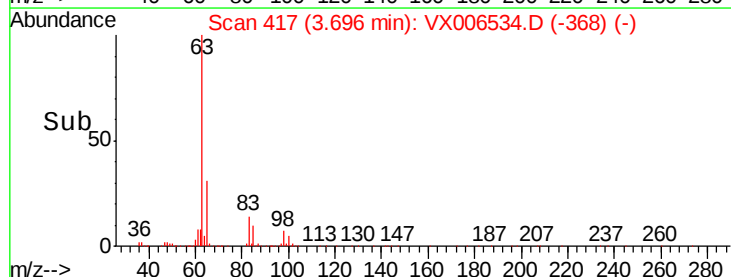
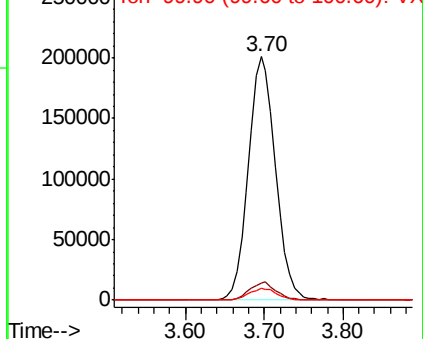
63 100

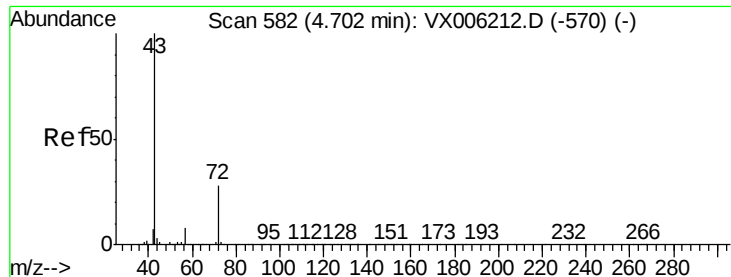
98 7.2 3.8 11.4

100 5.0 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

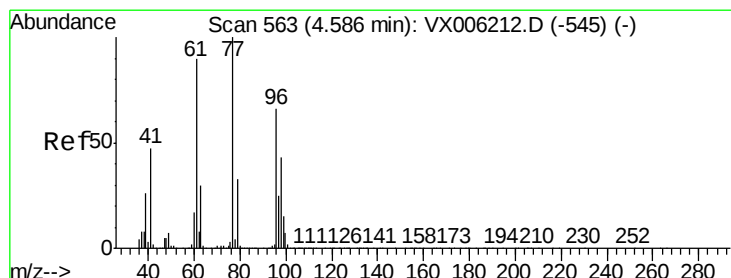
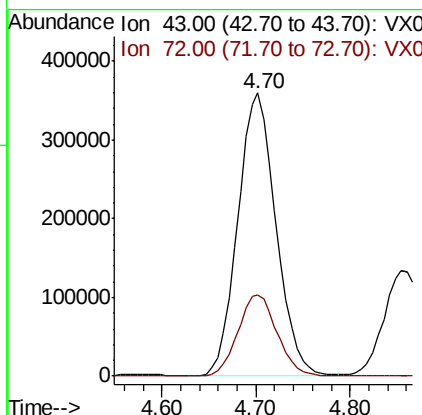
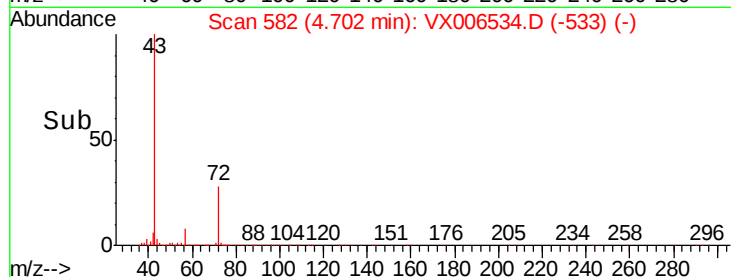
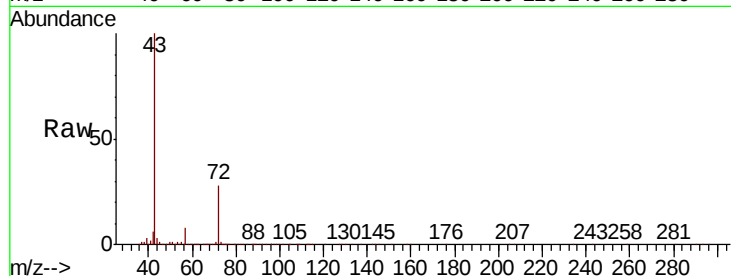




#25
2-Butanone
Concen: 272.617 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

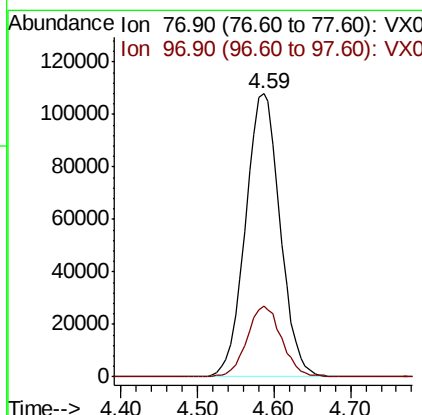
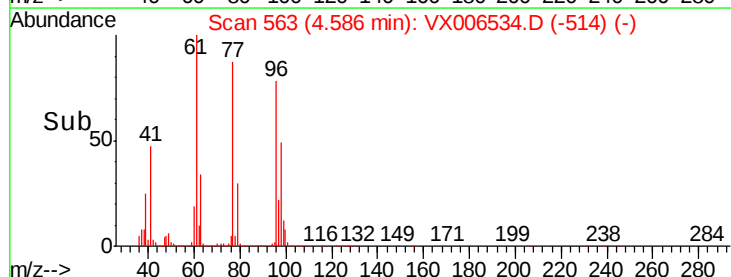
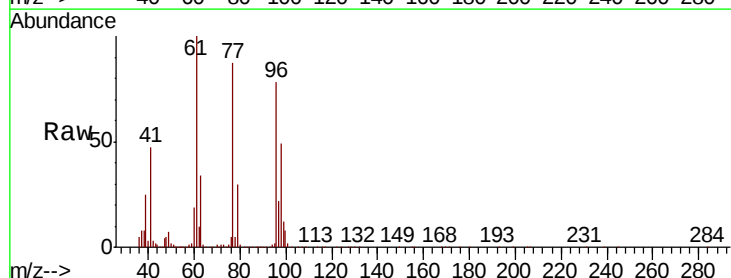
Instrument :
MSVOA_X
ClientSampled :

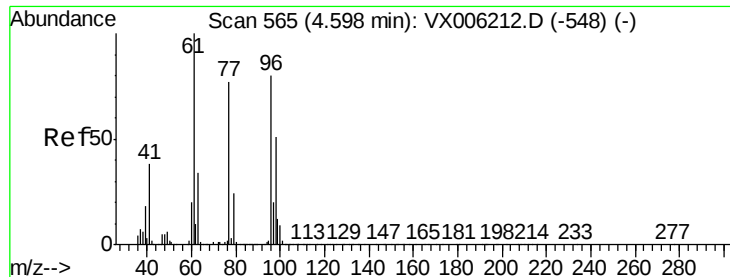
Tot Ion: 43 Resp: 1016246
Ion Ratio Lower Upper
43 100
72 28.4 22.6 33.8



#26
2,2-Dichloropropane
Concen: 42.364 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 77 Resp: 340242
Ion Ratio Lower Upper
77 100
97 25.0 12.3 36.8



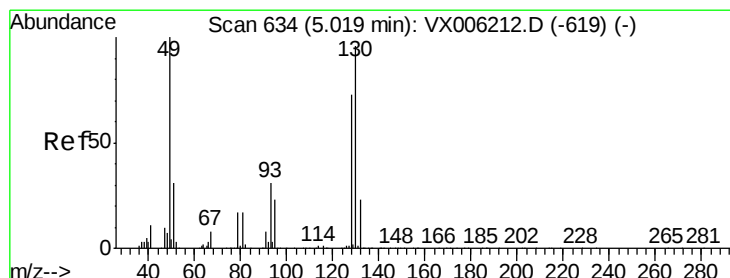
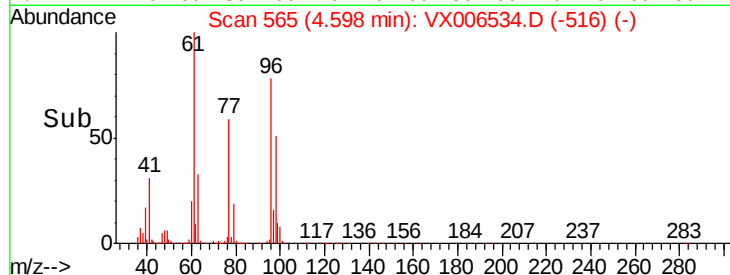
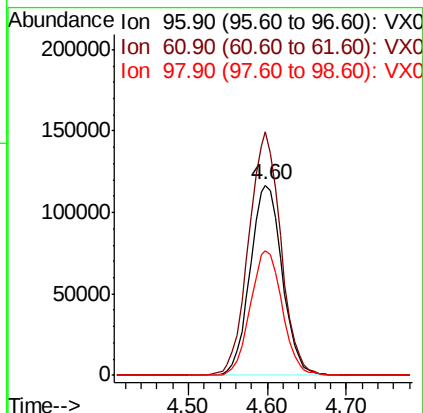
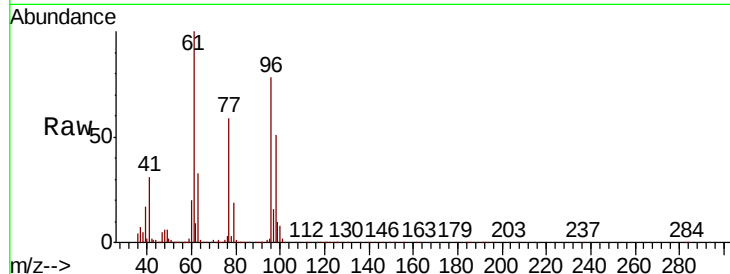


#27

cis-1,2-Dichloroethene
Concen: 56.243 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :

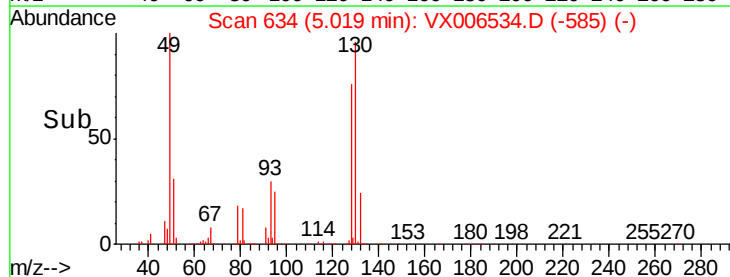
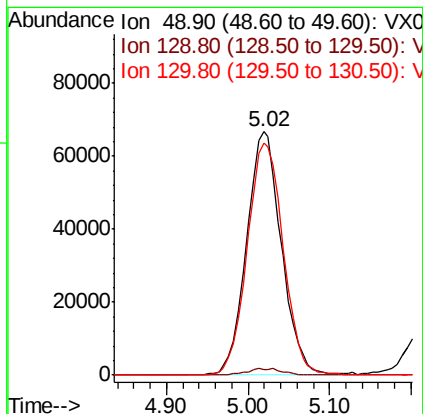
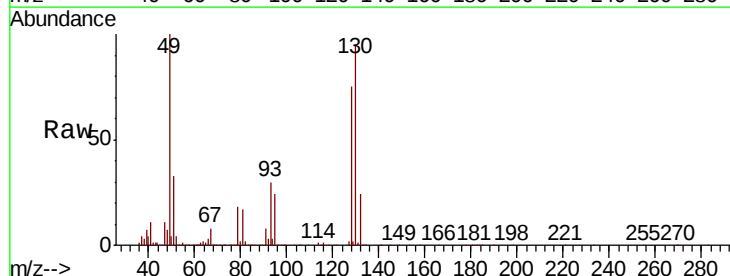
Tot Ion	Ratio	Lower	Upper
96	100		
61	128.0	0.0	265.0
98	65.3	0.0	130.2

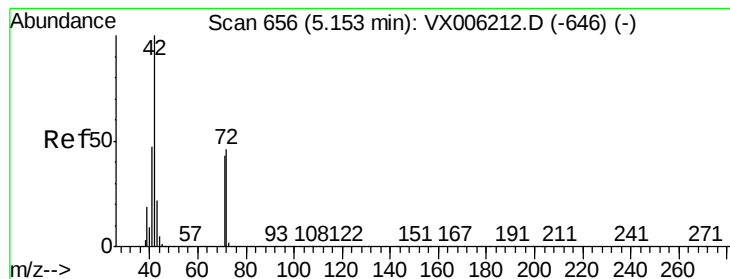


#28

Bromochloromethane
Concen: 52.288 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	98.4	78.3	117.5





#29

Tetrahydrofuran

Concen: 265.964 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

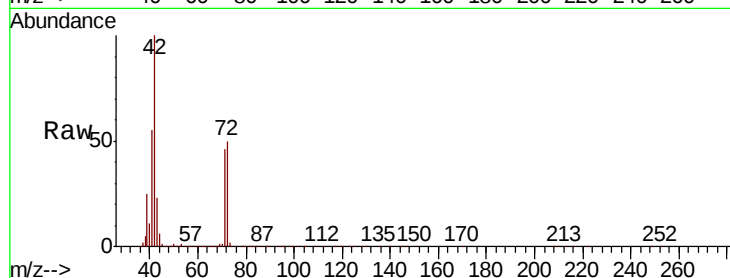
Tot Ion: 42 Resp: 689055

Ion Ratio Lower Upper

42 100

72 49.9 37.8 56.8

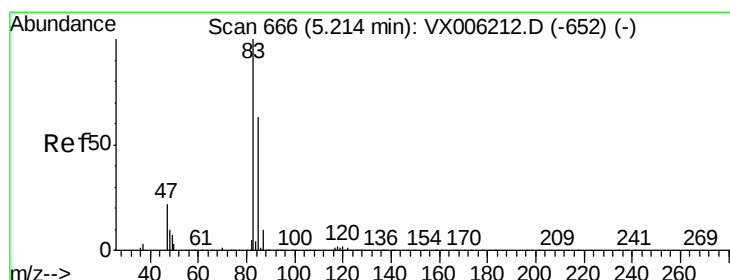
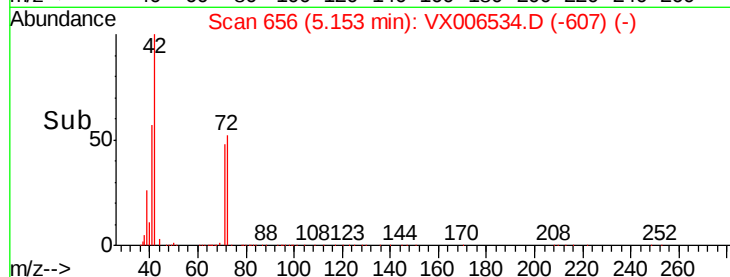
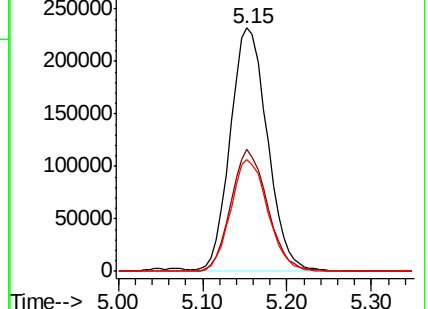
71 46.1 35.2 52.8



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: 57.159 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006534.D

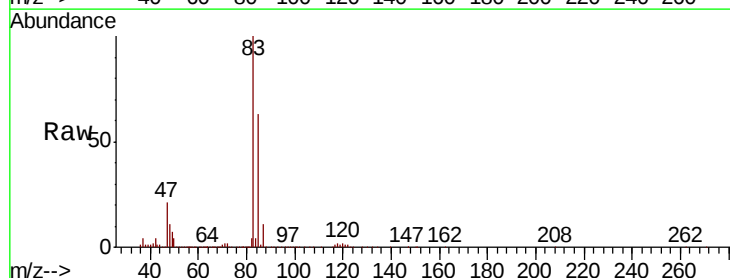
Acq: 14 Dec 2018 22:45

Tgt Ion: 83 Resp: 522732

Ion Ratio Lower Upper

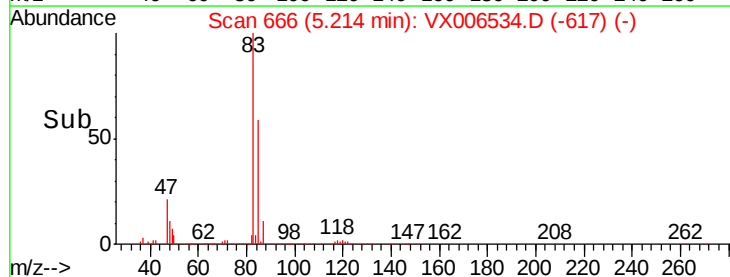
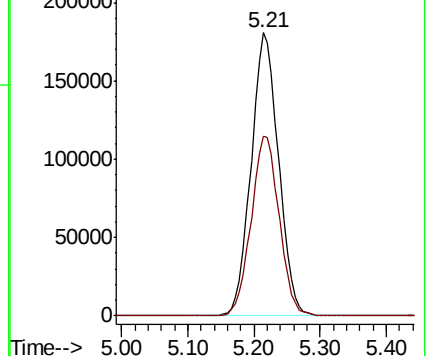
83 100

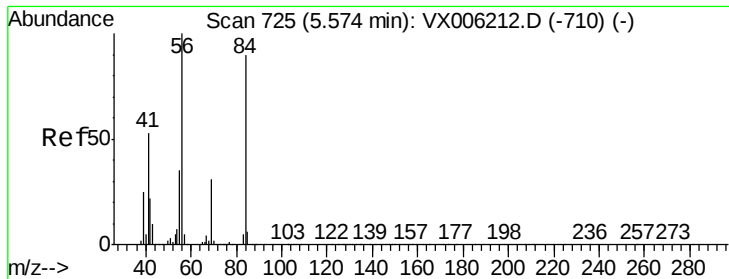
85 63.3 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 54.274 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

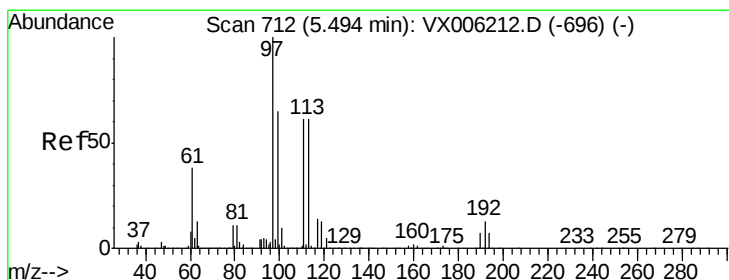
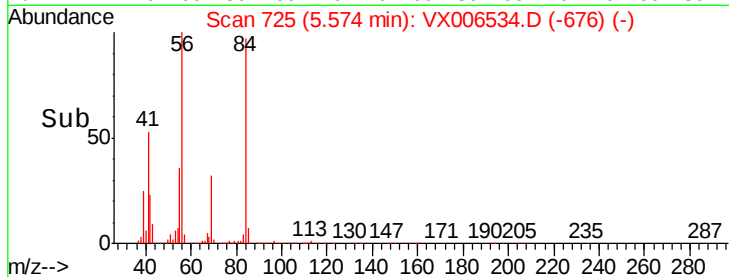
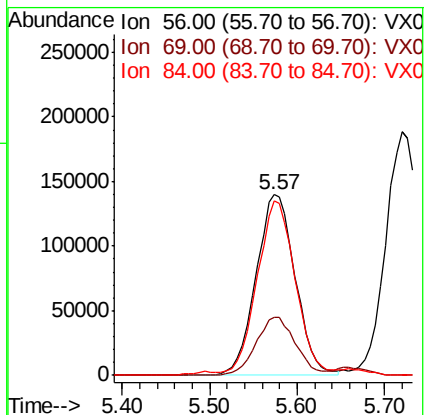
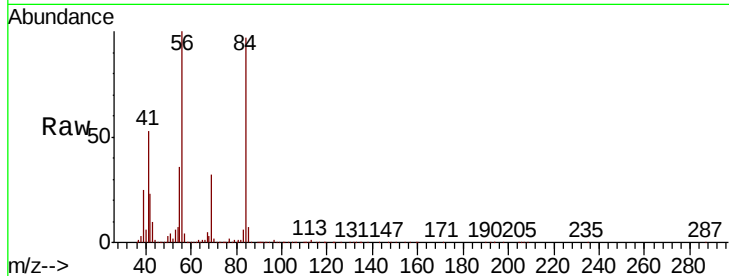
Tot Ion: 56 Resp: 436498

Ion Ratio Lower Upper

56 100

69 32.4 24.5 36.7

84 95.5 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 52.324 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

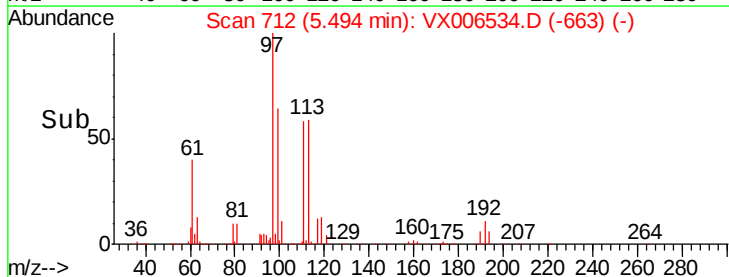
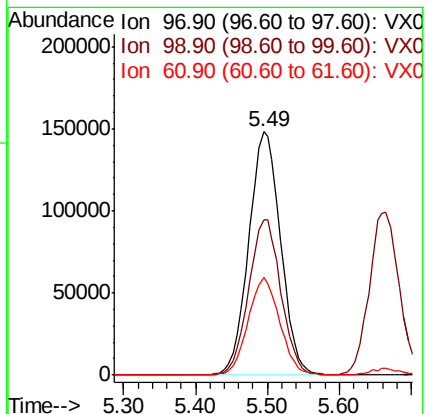
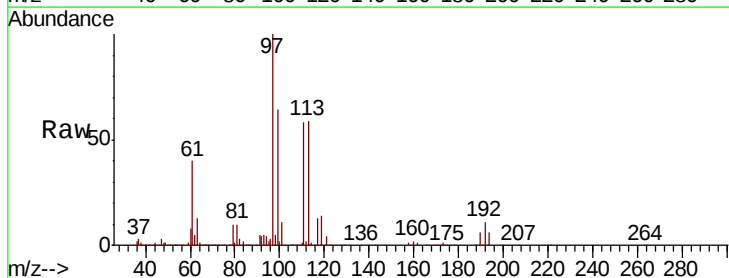
Tgt Ion: 97 Resp: 455292

Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 39.8 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 53.358 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

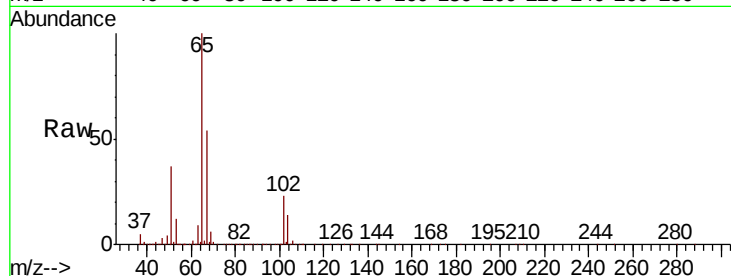
ClientSampleId :

Tot Ion: 65 Resp: 297046

Ion Ratio Lower Upper

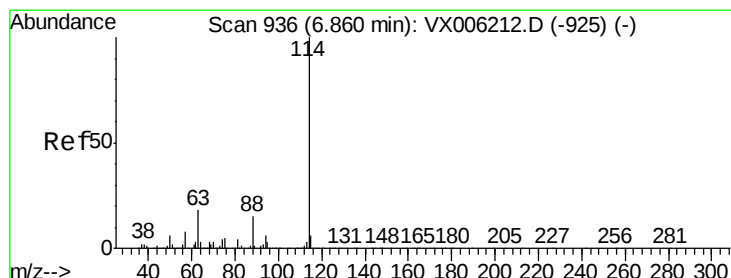
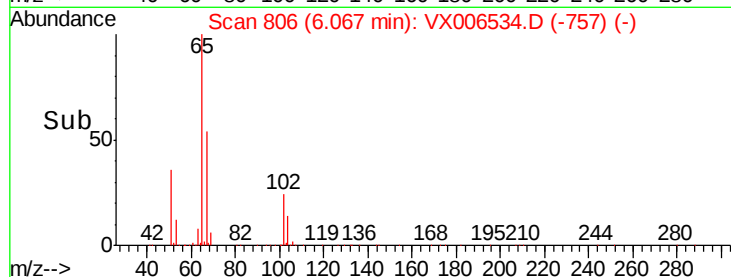
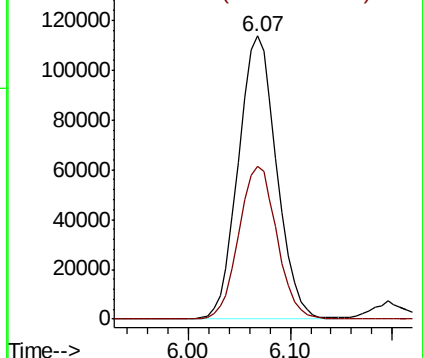
65 100

67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

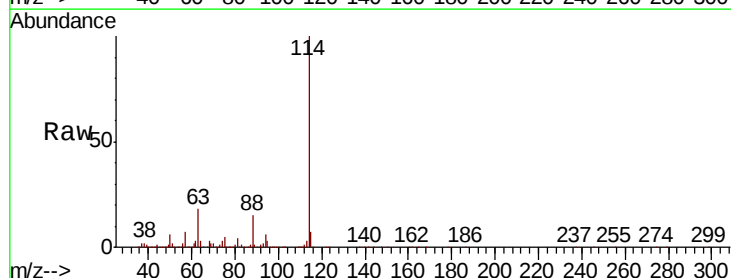
Tgt Ion: 114 Resp: 860049

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

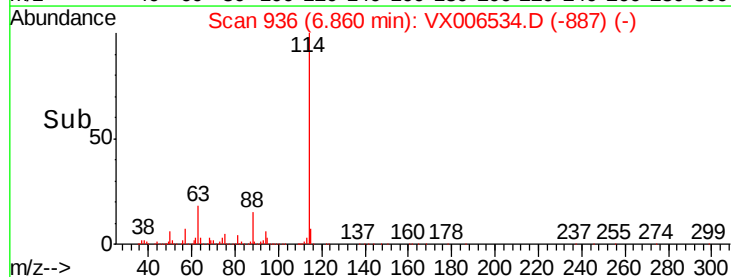
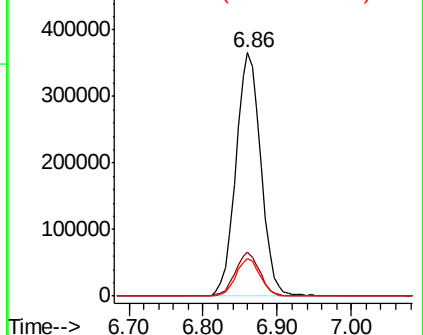
88 15.5 0.0 29.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.271 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

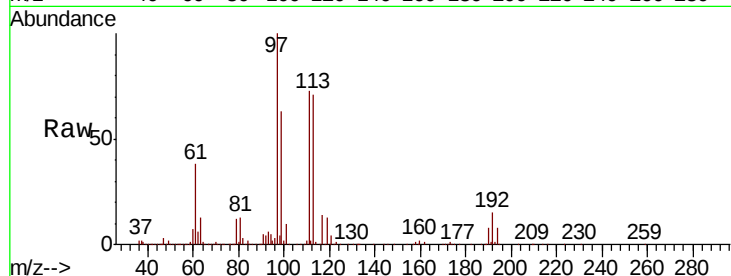
Tot Ion:113 Resp: 274366

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

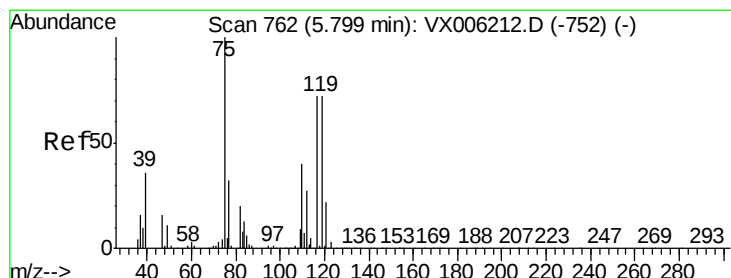
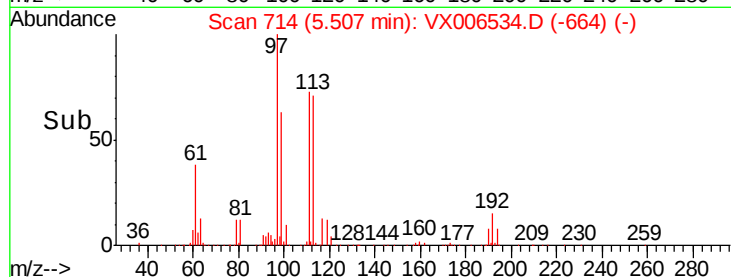
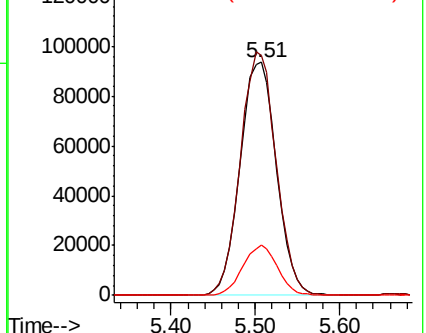
192 20.7 18.2 27.2



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: 53.176 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

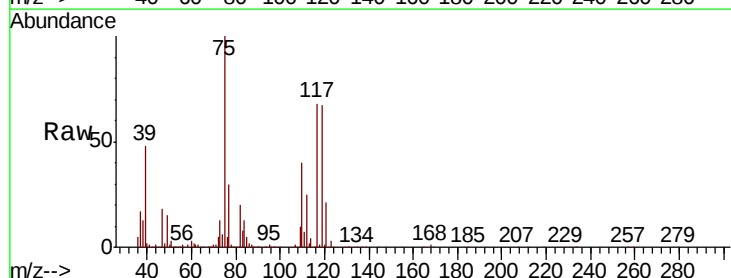
Tgt Ion: 75 Resp: 385127

Ion Ratio Lower Upper

75 100

110 39.7 20.4 61.3

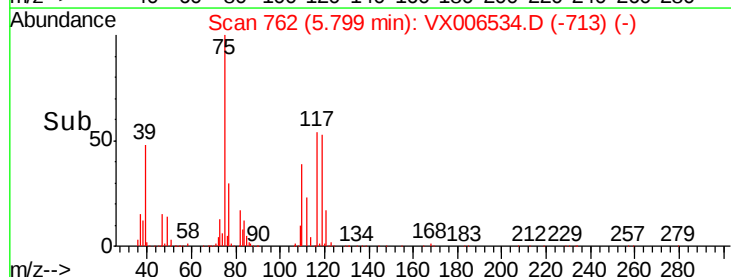
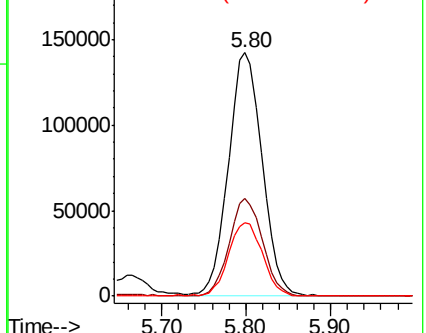
77 30.1 24.9 37.3

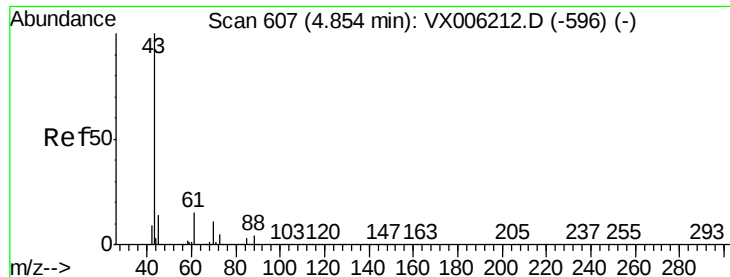


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

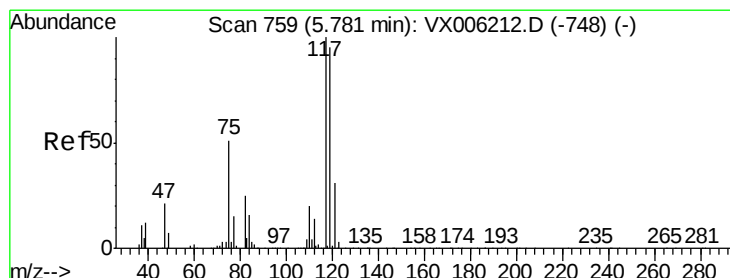
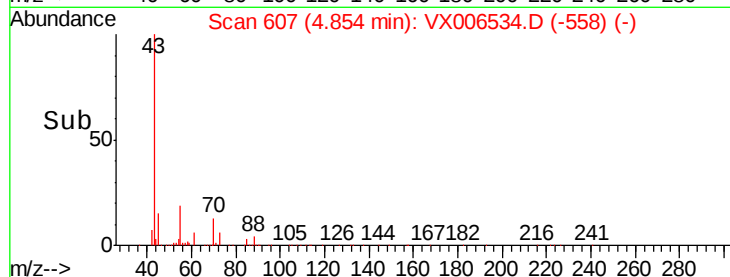
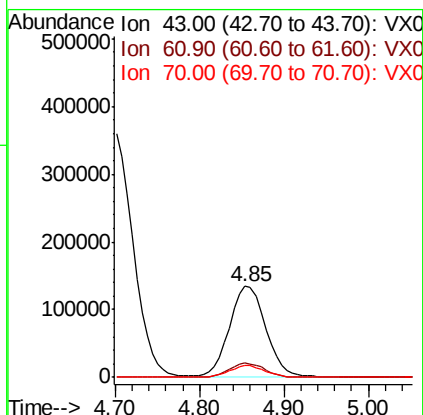
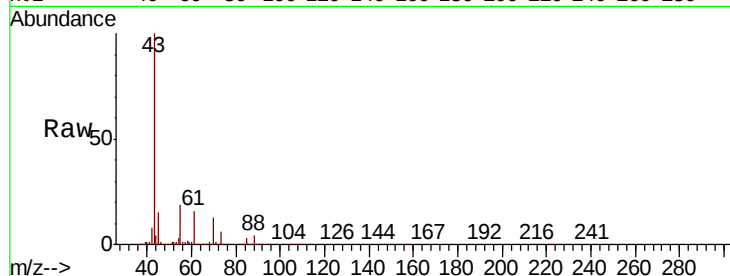




#37
Ethyl Acetate
Concen: 48.507 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

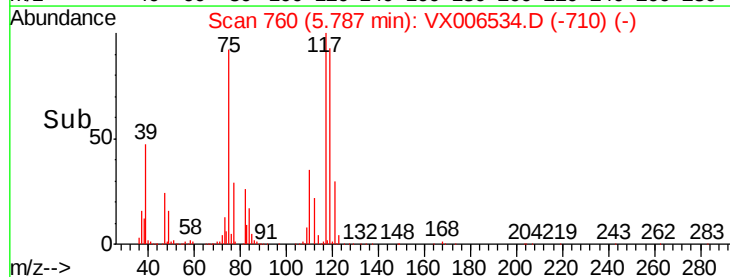
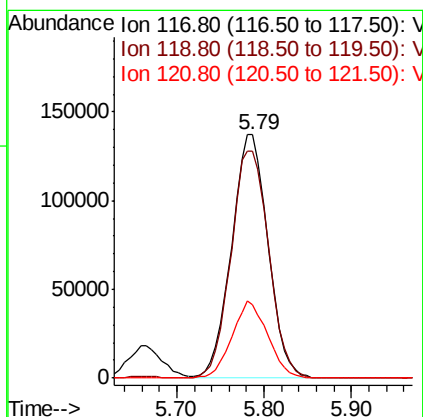
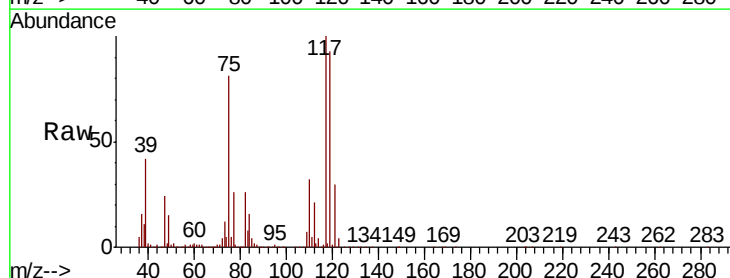
Instrument :
MSVOA_X
ClientSampleID :

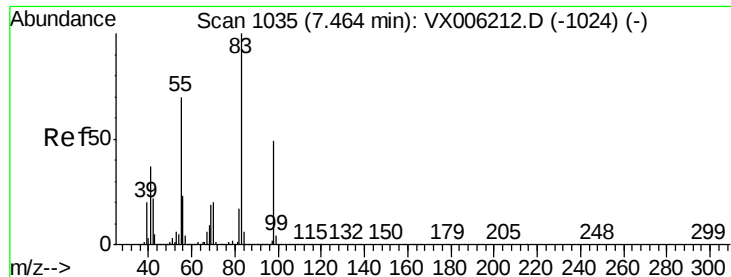
Tot Ion: 43 Resp: 393424
Ion Ratio Lower Upper
43 100
61 15.3 11.5 17.3
70 12.1 9.0 13.6



#38
Carbon Tetrachloride
Concen: 46.657 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 117 Resp: 397531
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.8
121 30.3 24.6 37.0

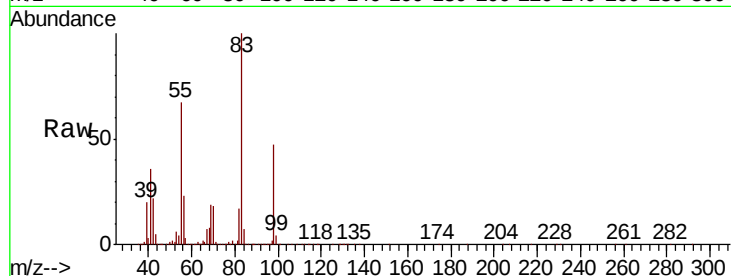




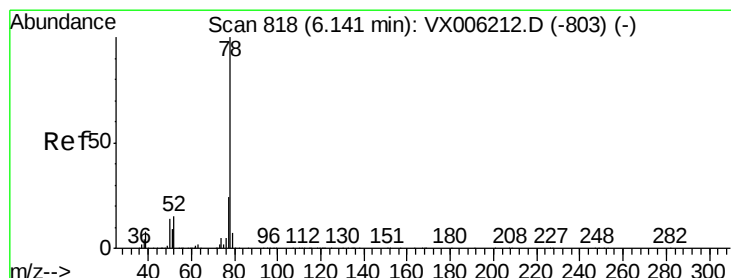
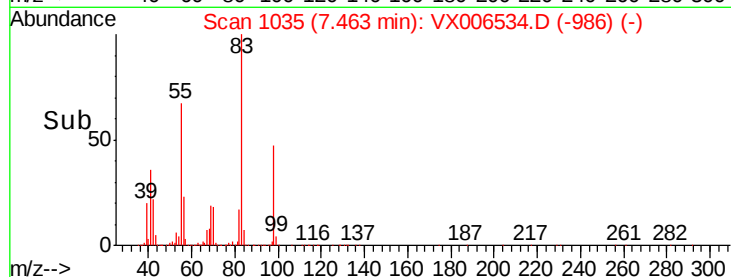
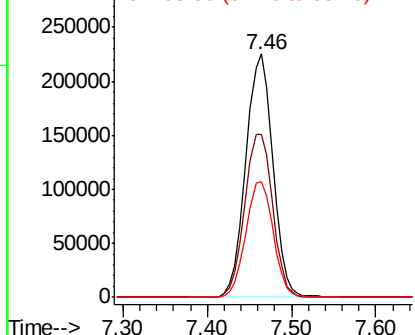
#39
Methvlcvclohexane
Concen: 52.134 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.8	56.4	84.6
98	47.2	39.0	58.6

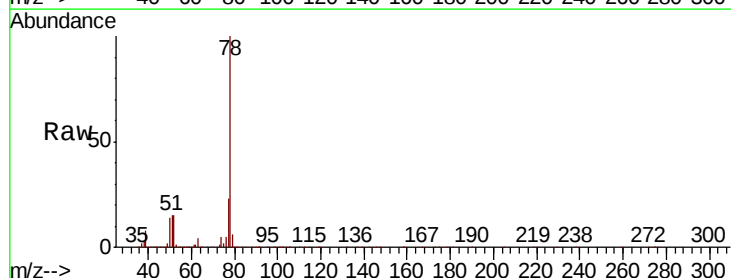


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

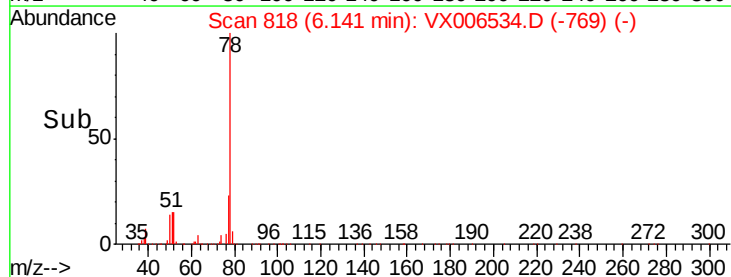
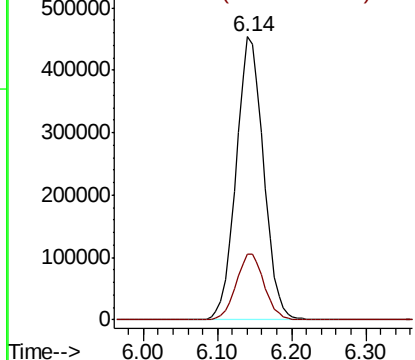


#40
Benzene
Concen: 54.078 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	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: 49.140 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 219306

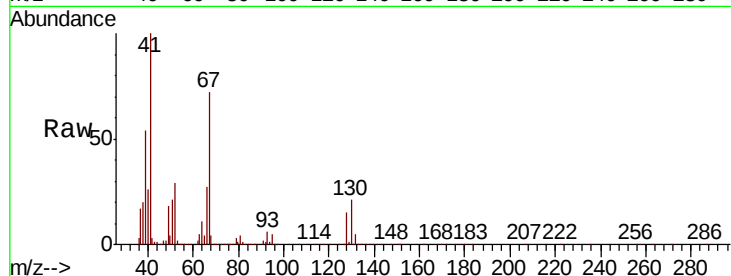
Ion Ratio Lower Upper

41 100

39 53.8 44.0 66.0

67 79.1 61.4 92.0

52 29.2 23.5 35.3

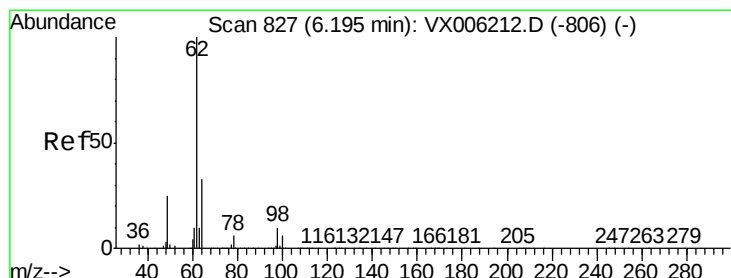
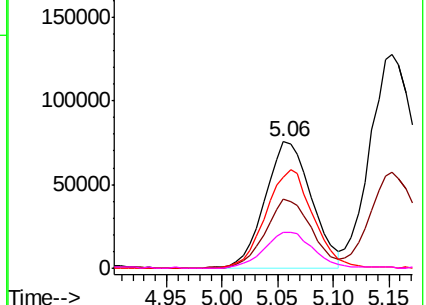
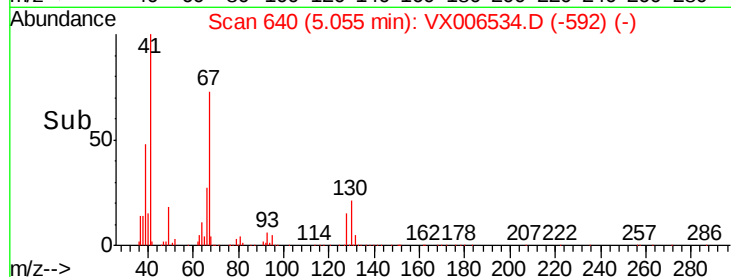


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 55.109 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006534.D

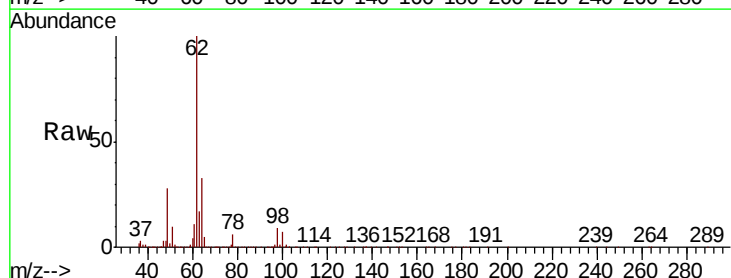
Acq: 14 Dec 2018 22:45

Tgt Ion: 62 Resp: 391237

Ion Ratio Lower Upper

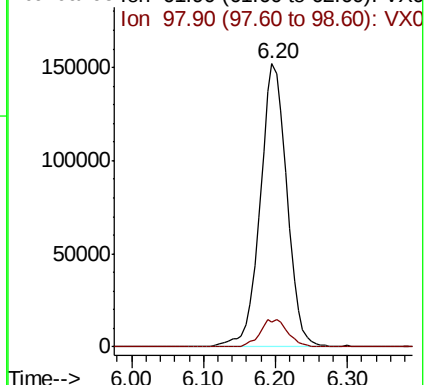
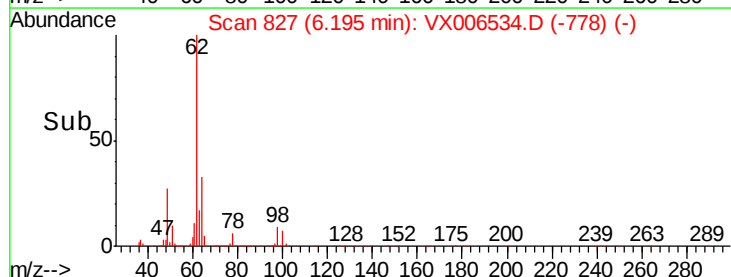
62 100

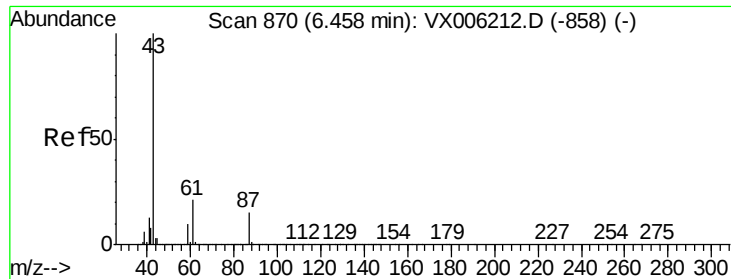
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.313 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

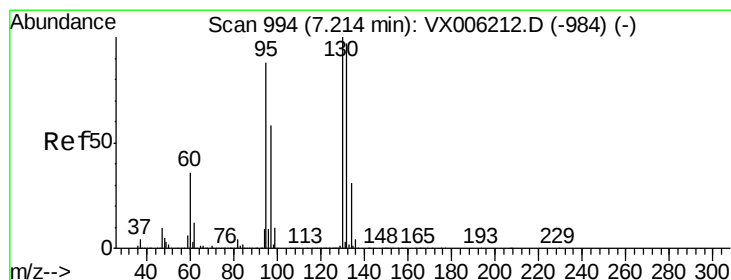
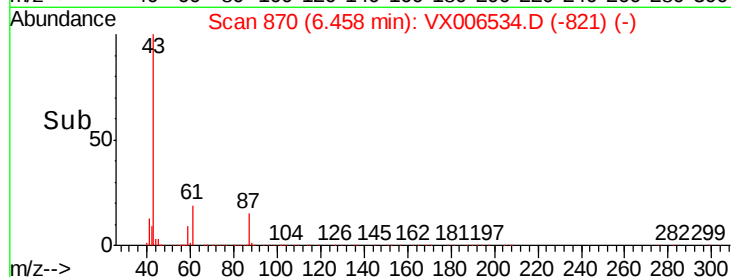
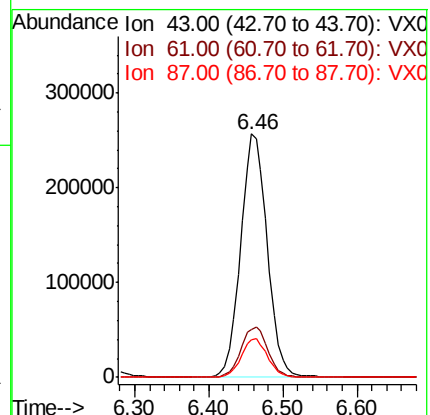
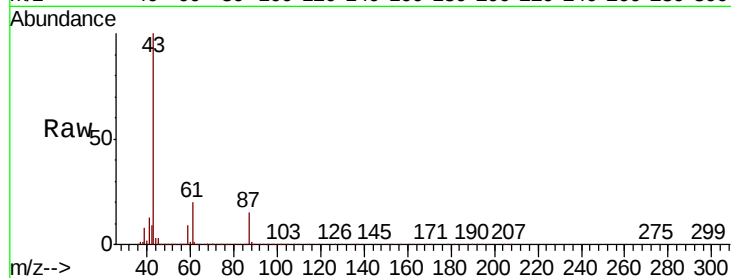
Tot Ion: 43 Resp: 639805

Ion Ratio Lower Upper

43 100

61 21.2 16.8 25.2

87 15.6 11.9 17.9



#44

Trichloroethene

Concen: 52.390 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006534.D

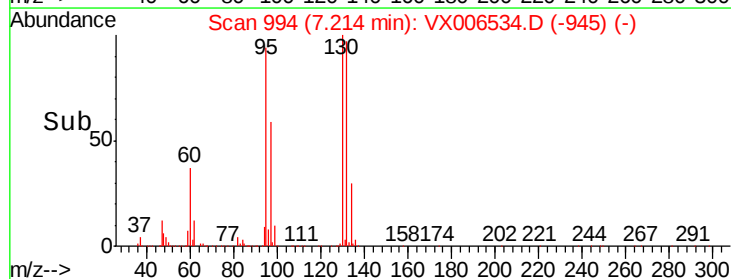
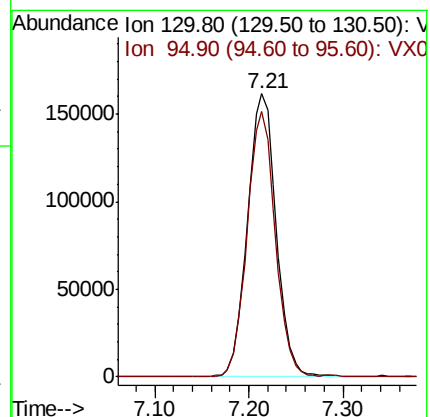
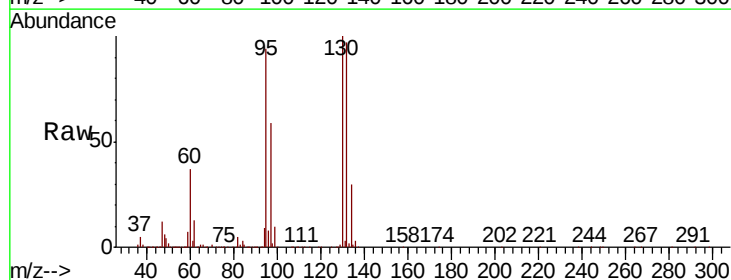
Acq: 14 Dec 2018 22:45

Tgt Ion:130 Resp: 344276

Ion Ratio Lower Upper

130 100

95 93.6 0.0 175.8





#45

1,2-Dichloropropane

Concen: 52.522 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

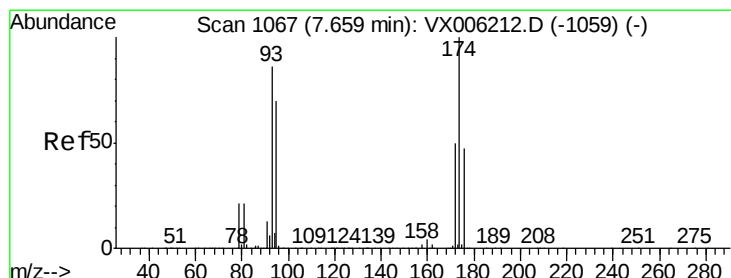
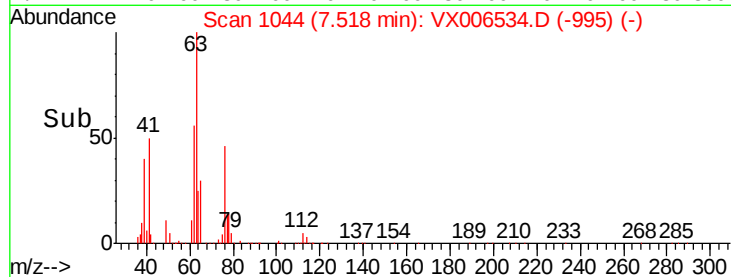
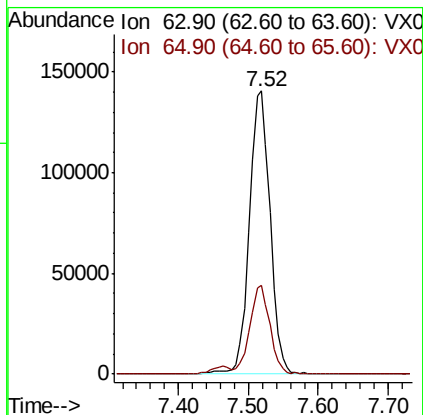
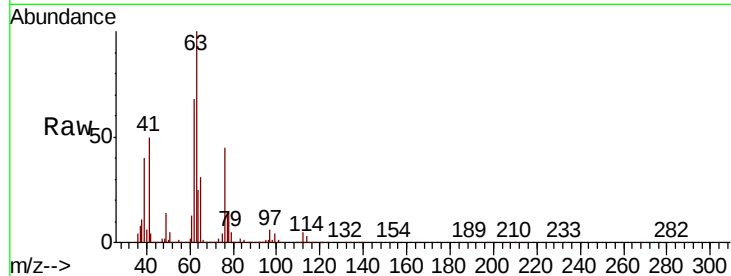
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 289559

Ion Ratio Lower Upper

63 100

65 31.3 24.3 36.5



#46

Dibromomethane

Concen: 52.804 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

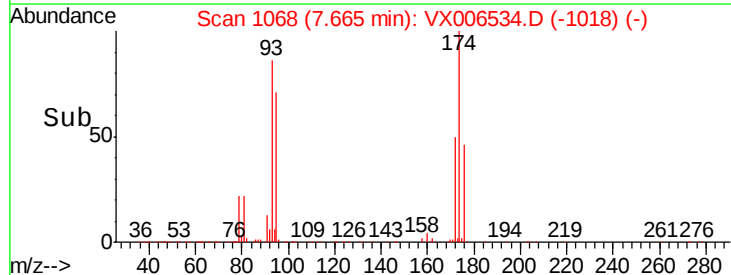
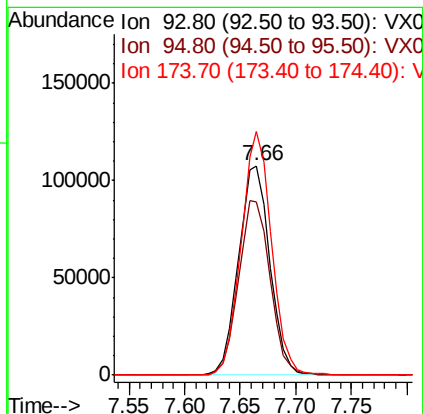
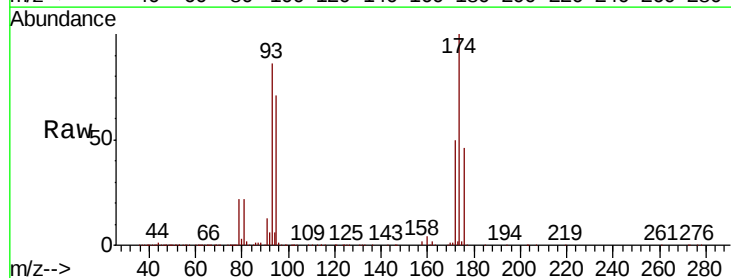
Tgt Ion: 93 Resp: 210246

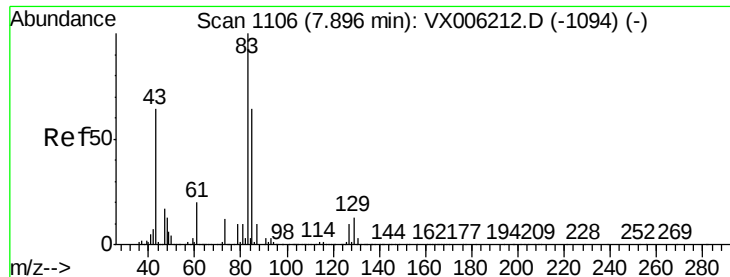
Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 112.5 97.2 145.8





#47

Bromodichloromethane

Concen: 47.551 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampled :

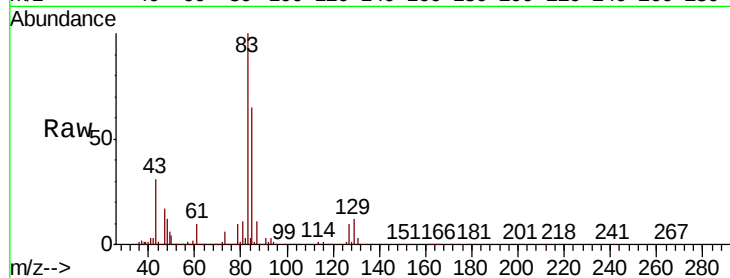
Tot Ion: 83 Resp: 366643

Ion Ratio Lower Upper

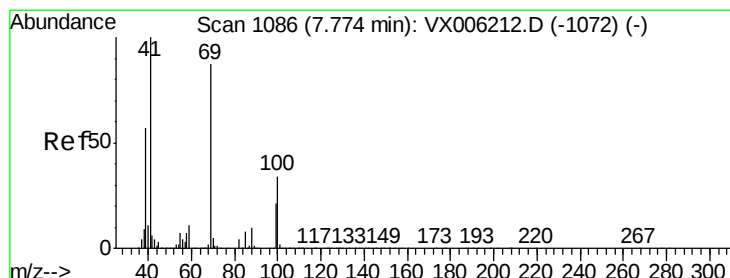
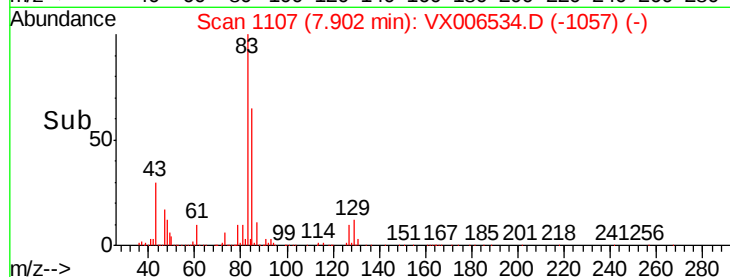
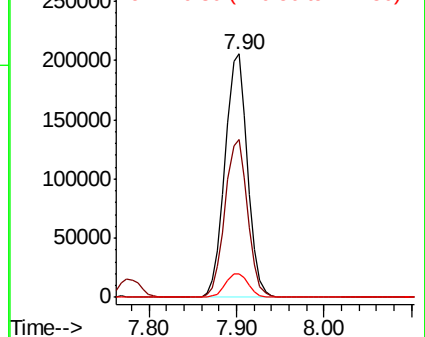
83 100

85 64.9 51.4 77.0

127 9.7 7.9 11.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): VX0



#48

Methyl methacrylate

Concen: 50.087 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

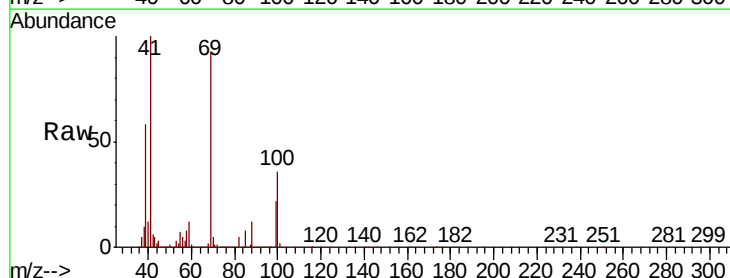
Tgt Ion: 41 Resp: 329507

Ion Ratio Lower Upper

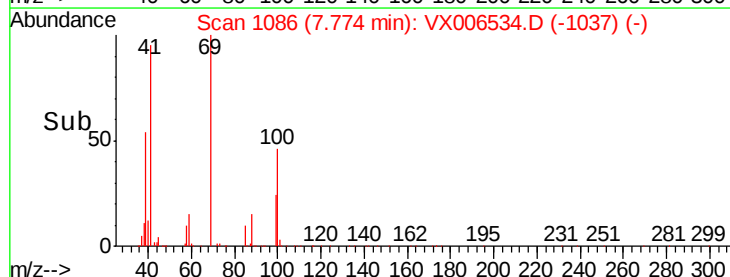
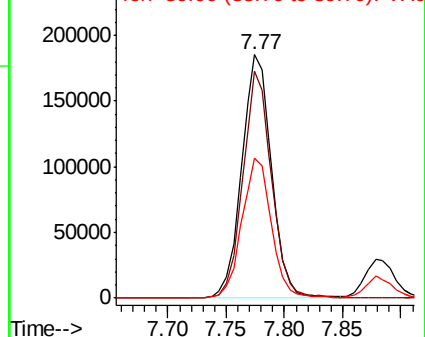
41 100

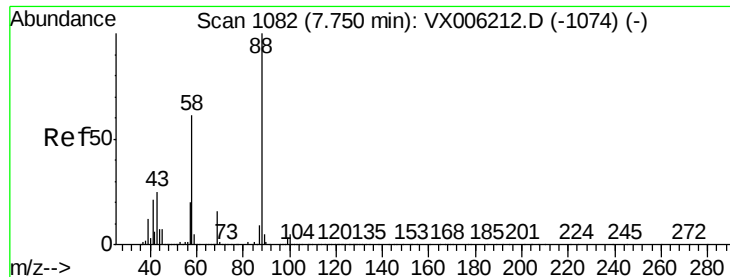
69 90.3 70.3 105.5

39 56.6 45.3 67.9



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





#49

1,4-Dioxane

Concen: 1054.445 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

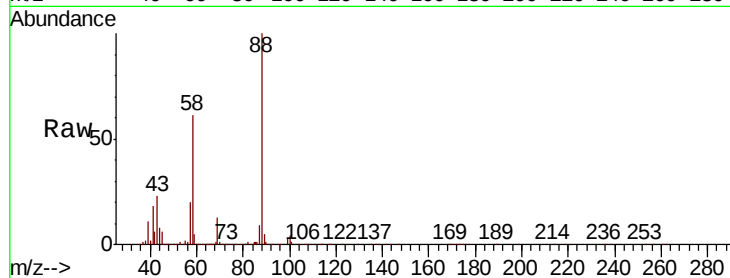
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 170969

Ion	Ratio	Lower	Upper
88	100		
43	26.8	23.2	34.8
58	63.1	51.4	77.0

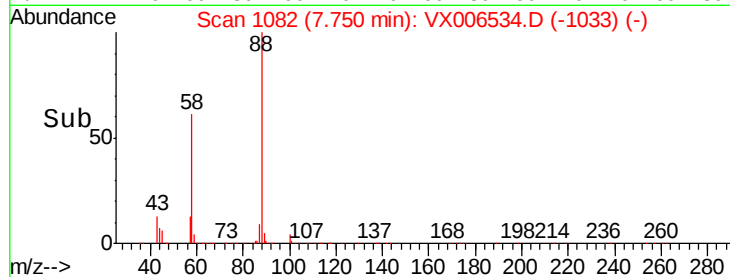


Abundance

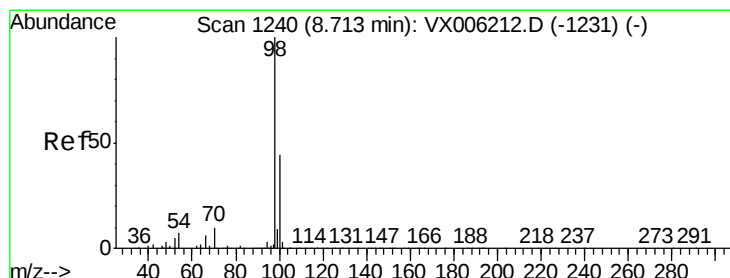
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 49.721 ug/l

RT: 8.71 min Scan# 1240

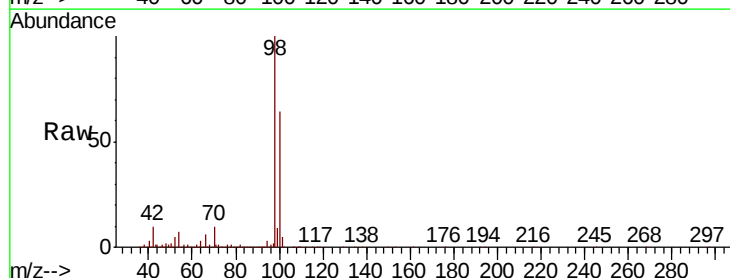
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion: 98 Resp: 1007095

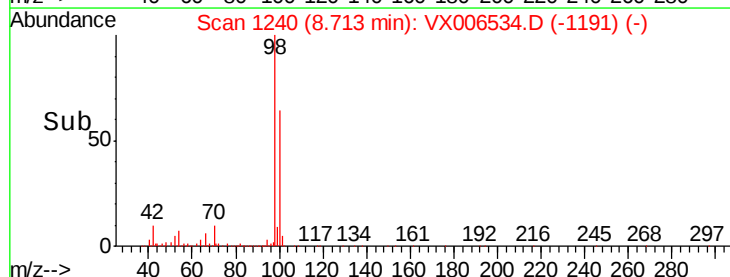
Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.2



Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->



#51

4-Methyl-2-Pentanone

Concen: 259.448 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

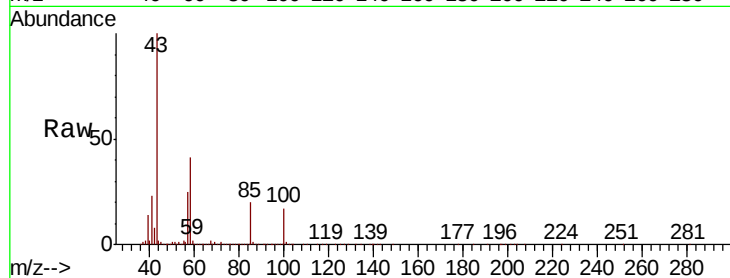
ClientSampleId :

Tot Ion: 43 Resp: 2042428

Ion Ratio Lower Upper

43 100

58 40.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

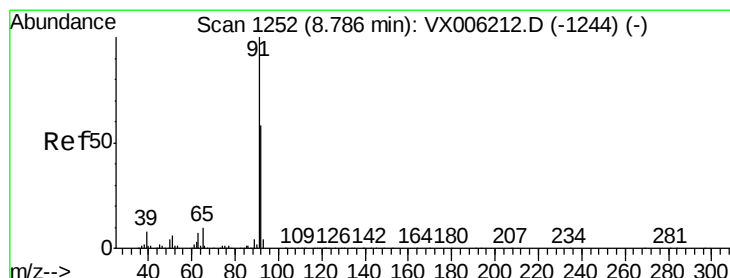
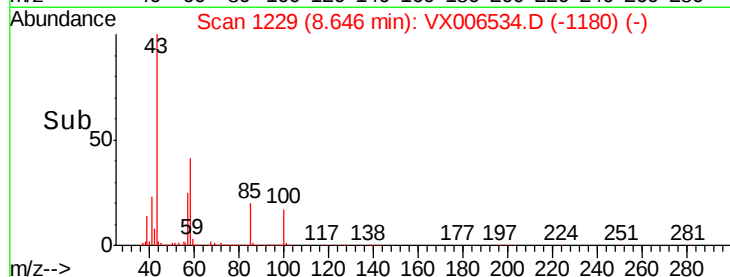
1000000

500000

0

8.65

Time-->



#52

Toluene

Concen: 54.353 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006534.D

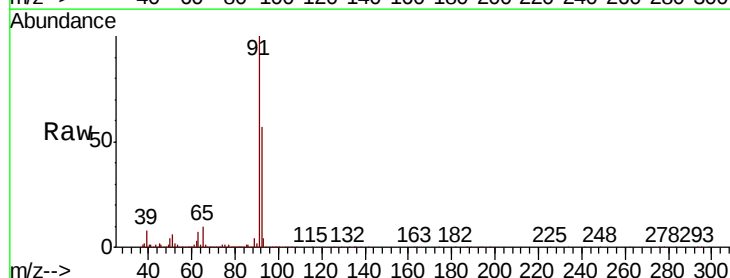
Acq: 14 Dec 2018 22:45

Tgt Ion: 92 Resp: 775674

Ion Ratio Lower Upper

92 100

91 173.7 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

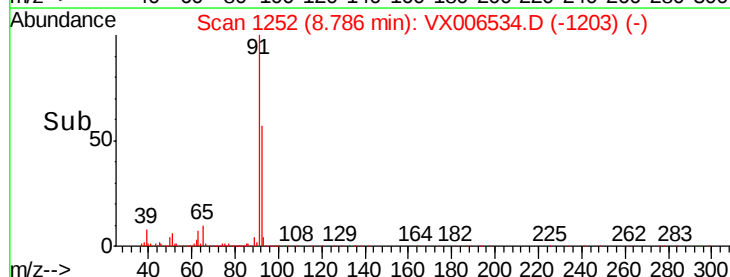
400000

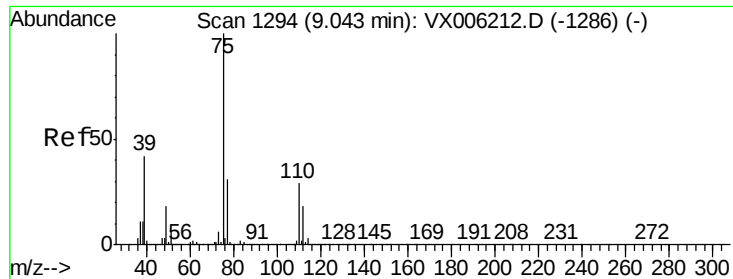
200000

0

8.79

Time-->

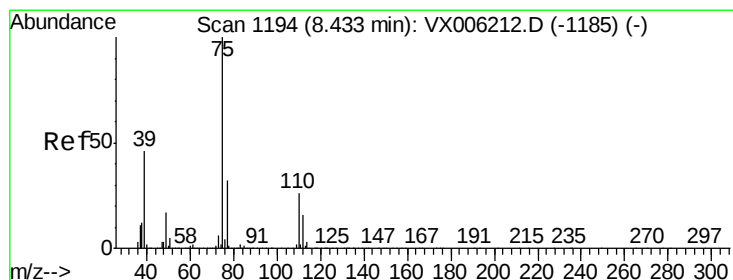
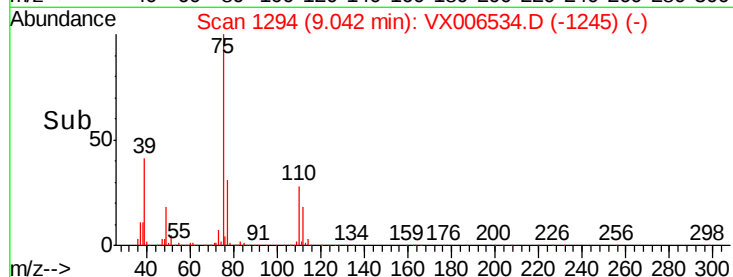
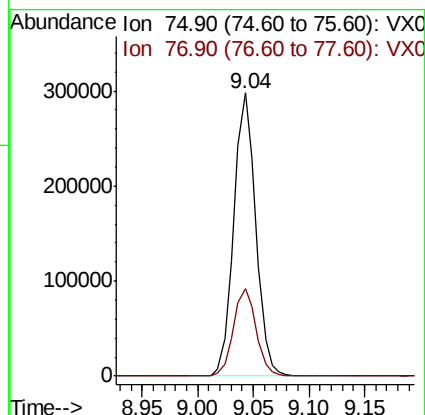
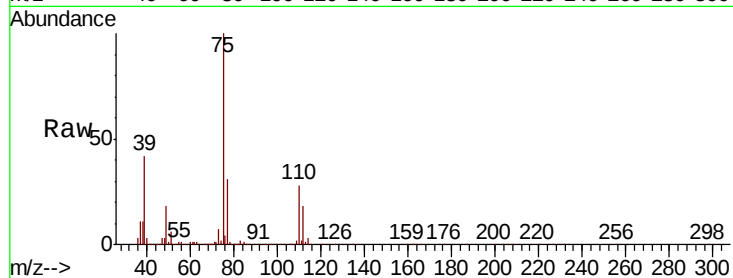




#53
t-1,3-Dichloropropene
Concen: 45.229 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

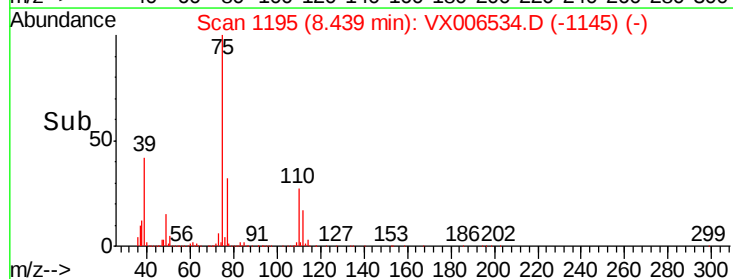
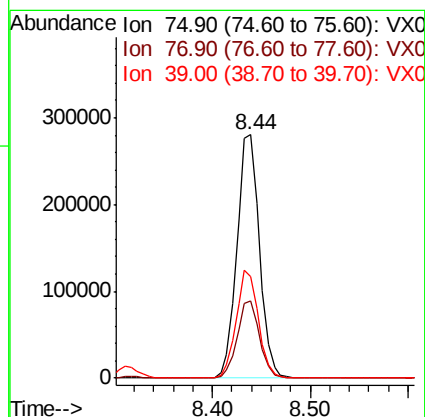
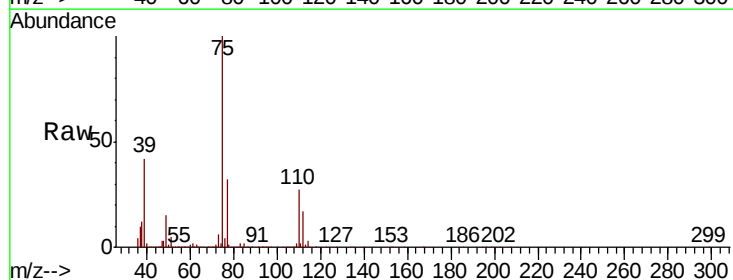
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 407855
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 47.815 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.01 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion: 75 Resp: 447724
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4
39 41.7 36.5 54.7

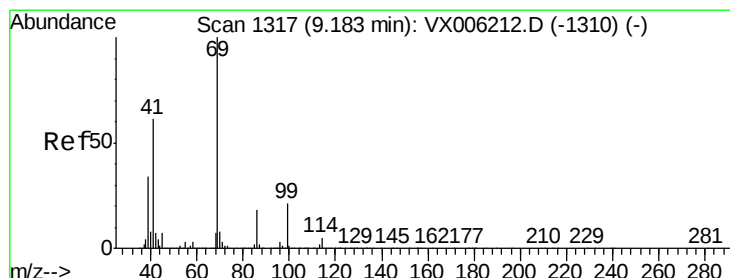
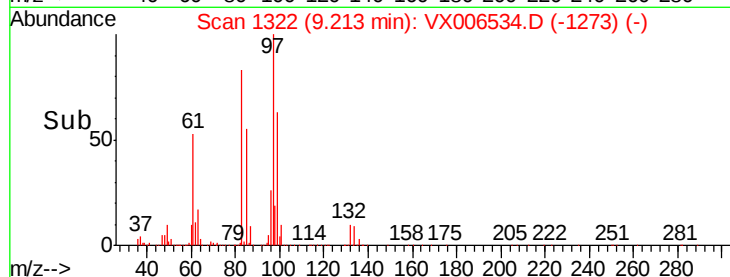
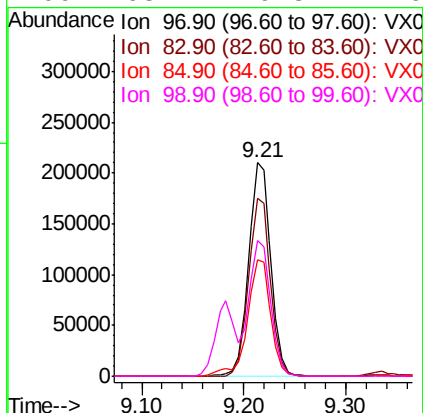
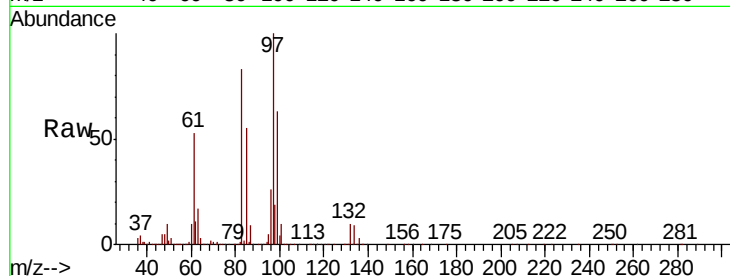




#55
 1,1,2-Trichloroethane
 Concen: 55.065 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

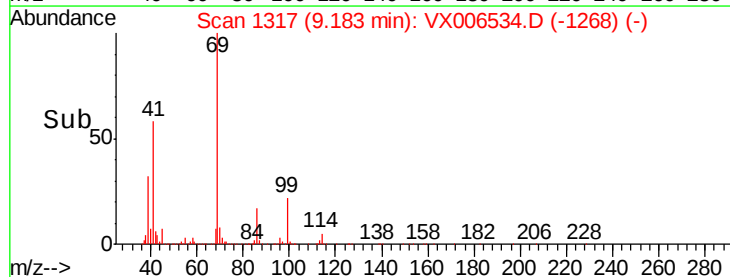
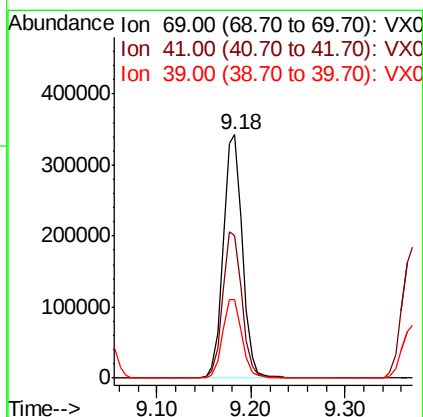
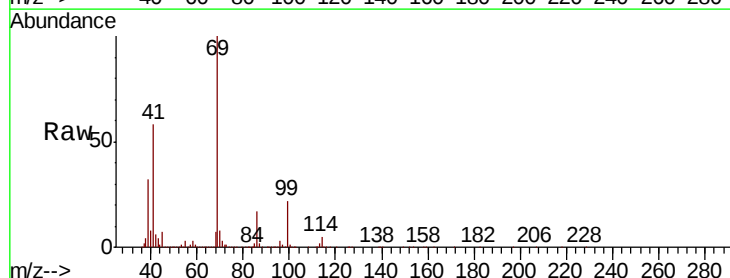
Instrument :
 MSVOA_X
 ClientSampleId :

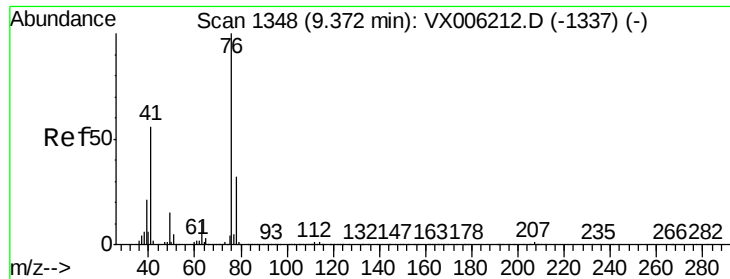
Tot Ion:	97	Resp:	319253
Ion	Ratio	Lower	Upper
97	100		
83	83.3	67.1	100.7
85	54.7	43.2	64.8
99	63.4	49.8	74.6



#56
 Ethyl methacrylate
 Concen: 53.109 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion:	69	Resp:	481360
Ion	Ratio	Lower	Upper
69	100		
41	60.1	50.6	76.0
39	32.4	27.6	41.4





#57

1,3-Dichloropropane

Concen: 54.554 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

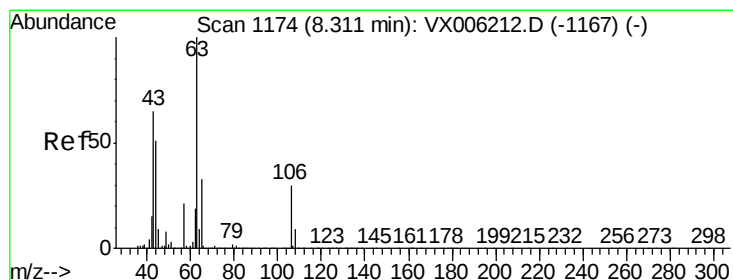
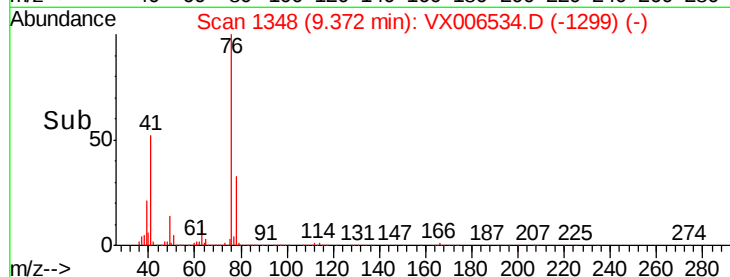
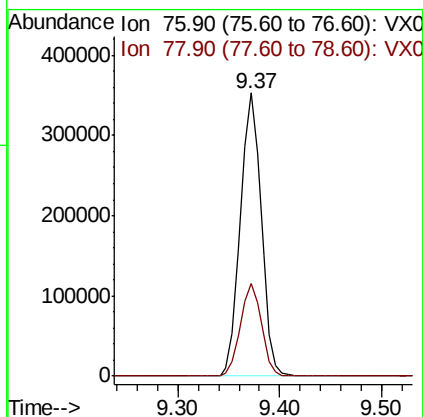
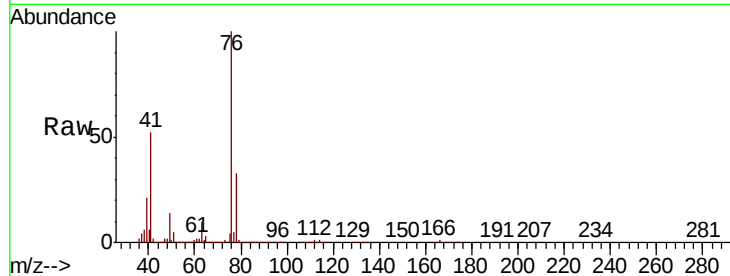
ClientSampled :

Tot Ion: 76 Resp: 500148

Ion Ratio Lower Upper

76 100

78 32.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 233.042 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX006534.D

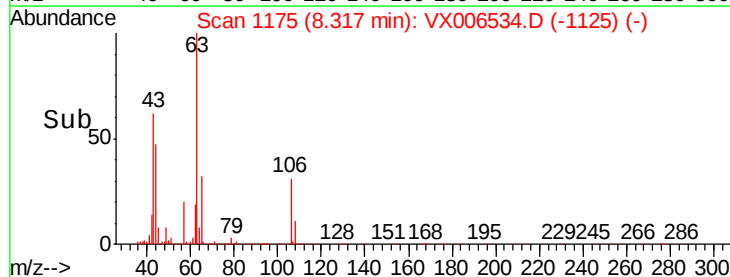
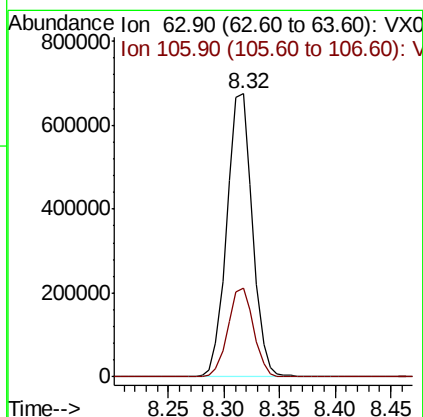
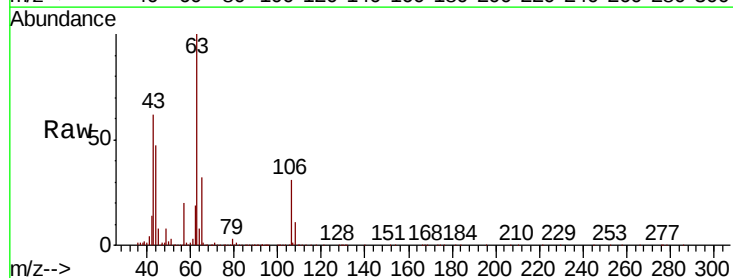
Acq: 14 Dec 2018 22:45

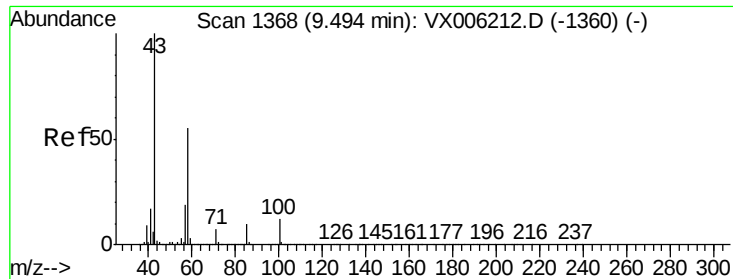
Tgt Ion: 63 Resp: 1071846

Ion Ratio Lower Upper

63 100

106 31.6 24.9 37.3

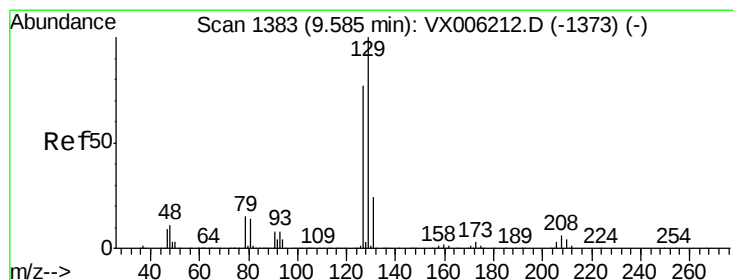
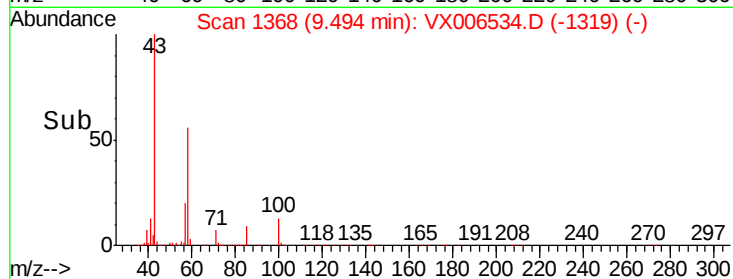
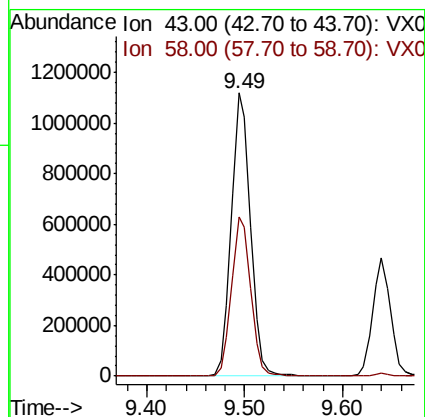
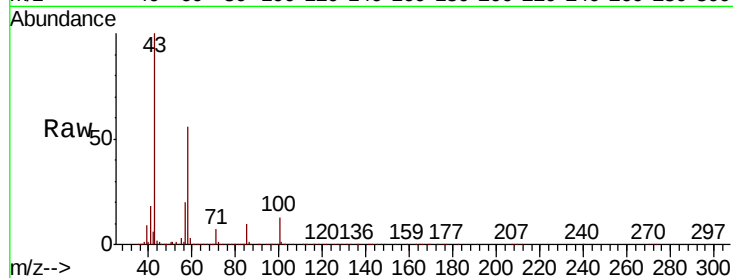




#59
2-Hexanone
Concen: 253.081 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

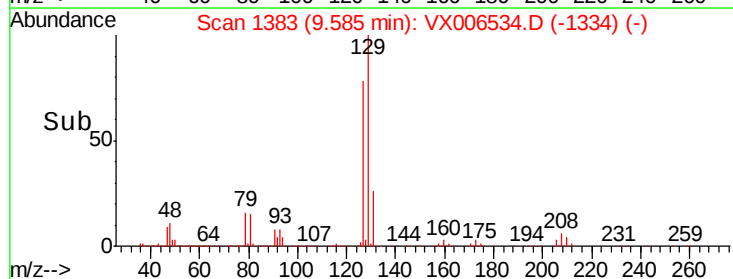
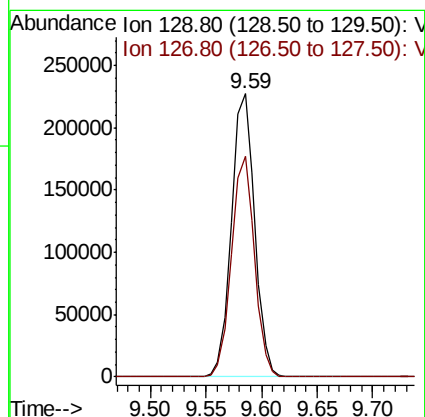
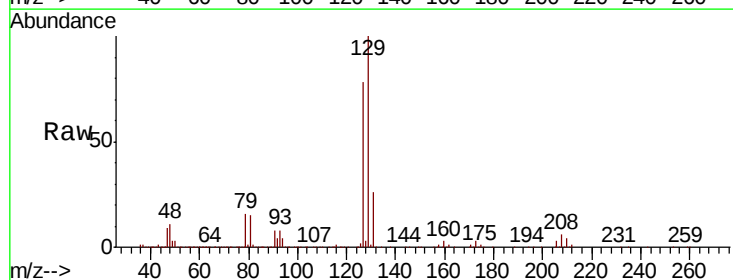
Instrument :
MSVOA_X
ClientSampleId :

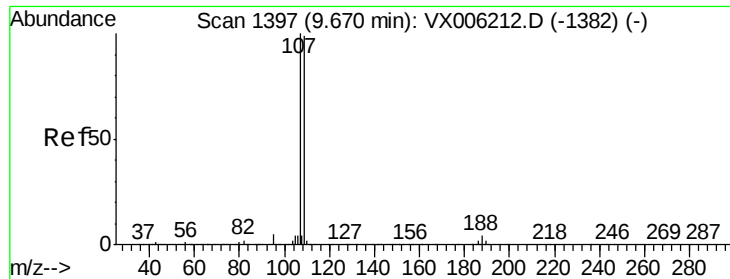
Tot Ion: 43 Resp: 1522126
Ion Ratio Lower Upper
43 100
58 56.6 27.7 83.1



#60
Dibromochloromethane
Concen: 45.929 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion:129 Resp: 328355
Ion Ratio Lower Upper
129 100
127 77.0 38.6 115.8

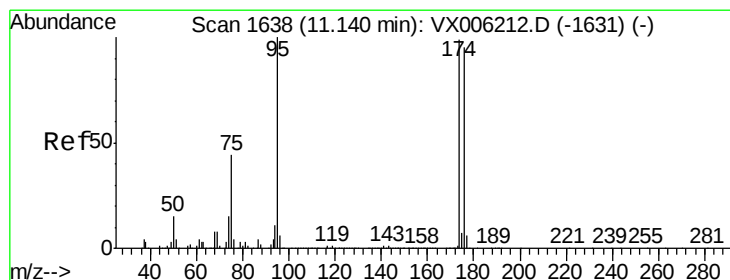
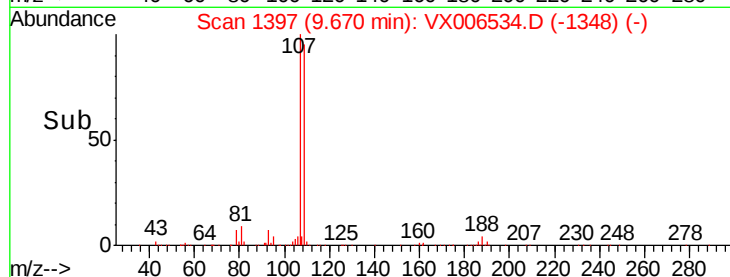
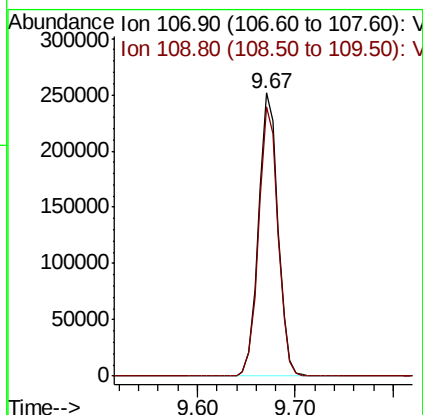
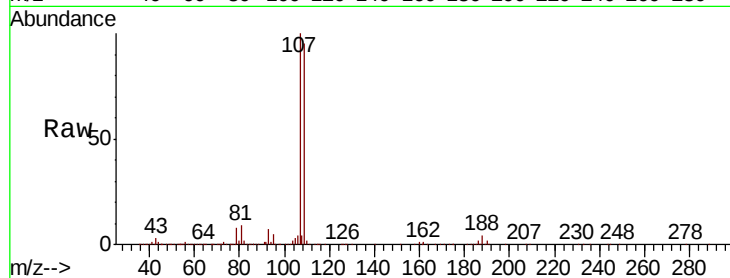




#61
 1,2-Dibromoethane
 Concen: 53.776 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

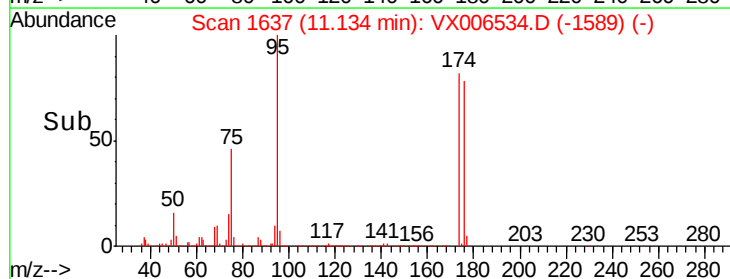
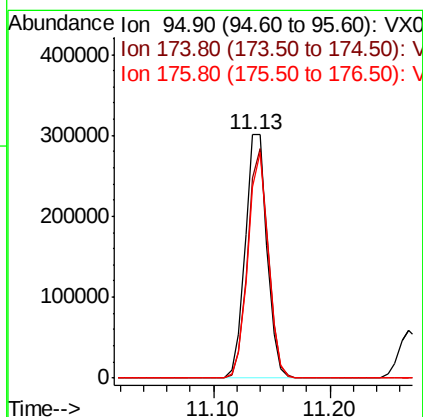
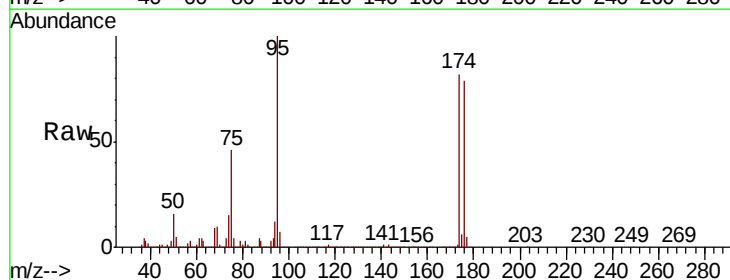
Instrument :
 MSVOA_X
 ClientSampled :

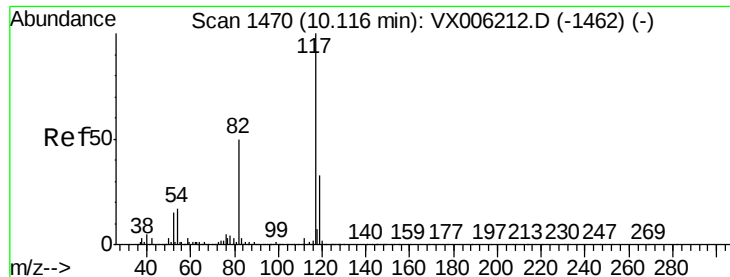
Tot Ion:107 Resp: 348613
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.852 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion: 95 Resp: 395767
 Ion Ratio Lower Upper
 95 100
 174 89.0 0.0 187.0
 176 86.9 0.0 181.8

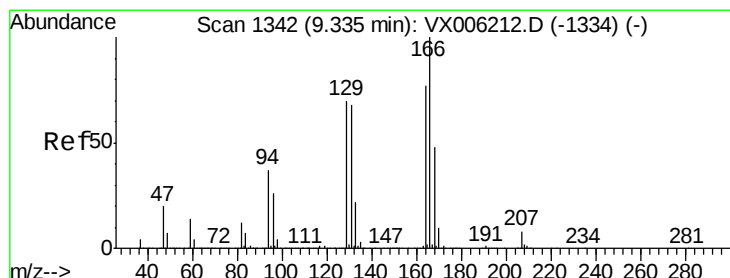
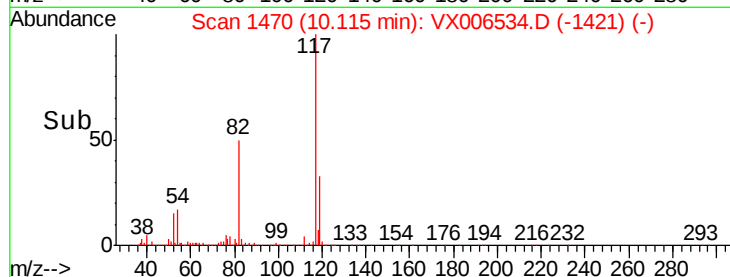
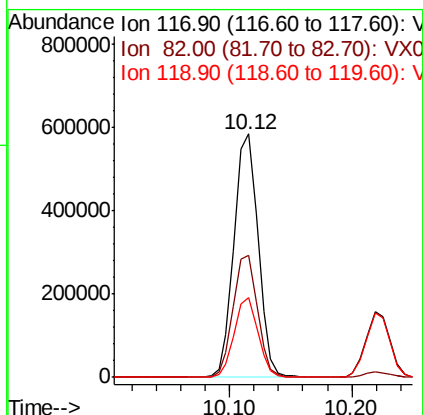
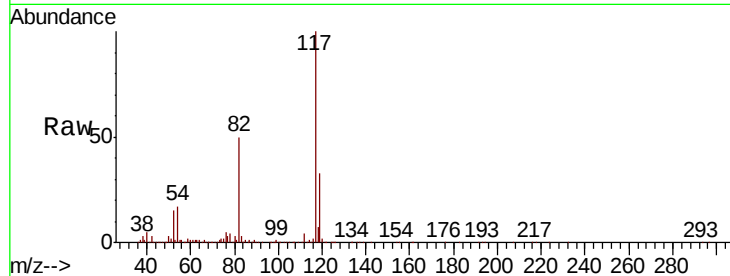




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

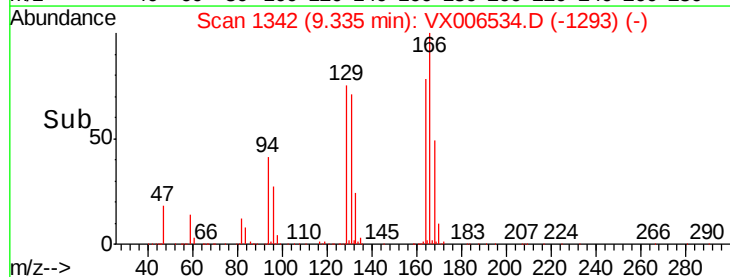
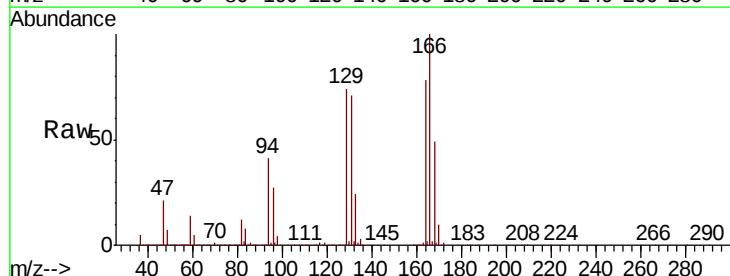
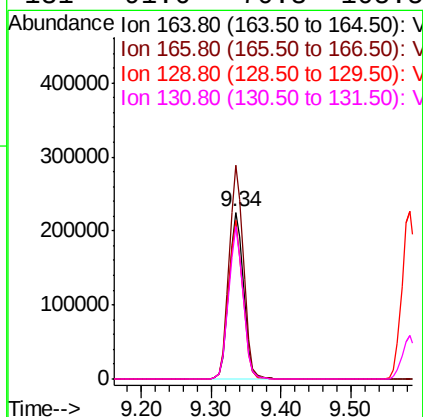
Instrument :
MSVOA_X
ClientSampleId :

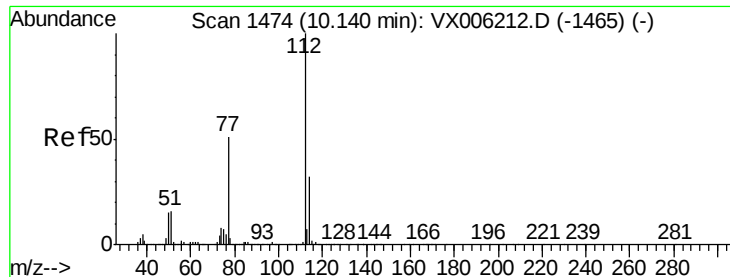
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	39.6	59.4
119	32.9	26.3	39.5



#64
Tetrachloroethene
Concen: 54.471 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	104.2	156.2
129	95.5	72.6	108.8
131	91.6	70.3	105.5

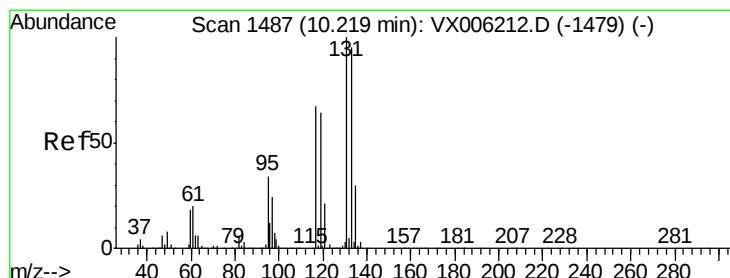
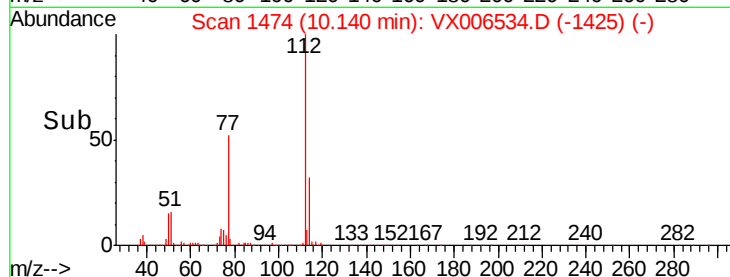
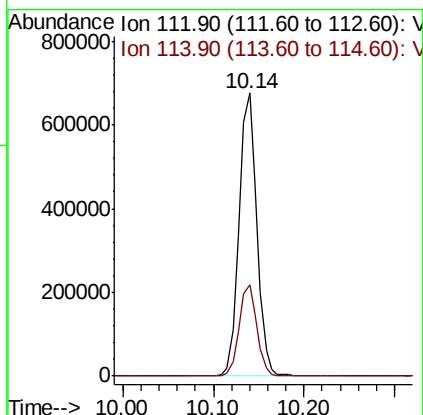
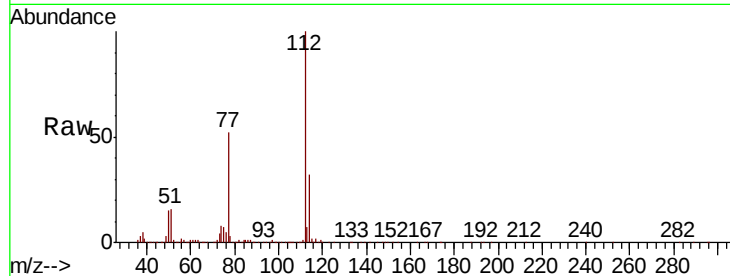




#65
Chlorobenzene
Concen: 54.136 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

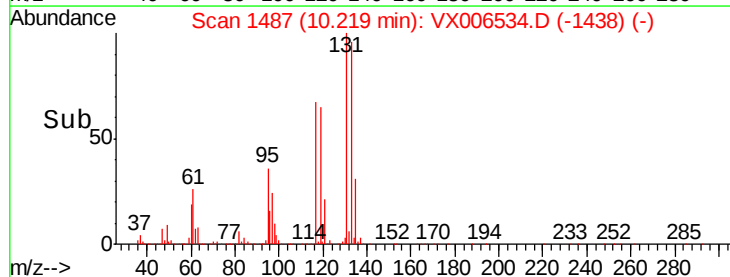
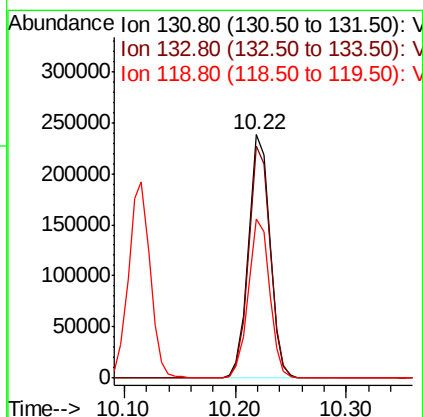
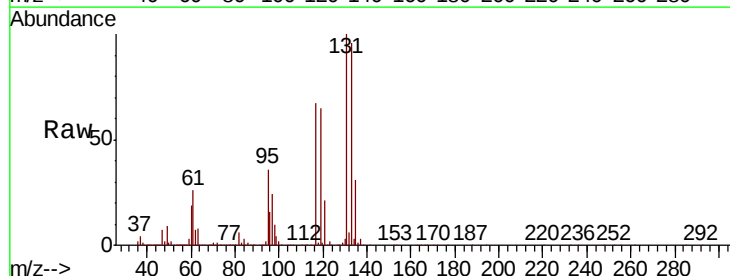
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:112 Resp: 917757
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 48.641 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion:131 Resp: 320385
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 65.4 32.1 96.3





#67

Ethyl Benzene

Concen: 53.297 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

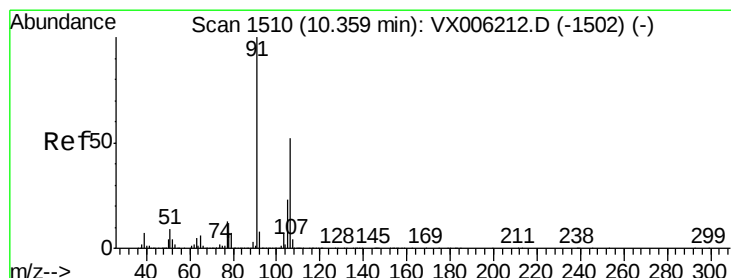
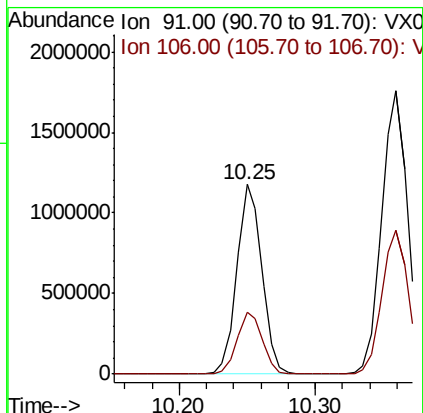
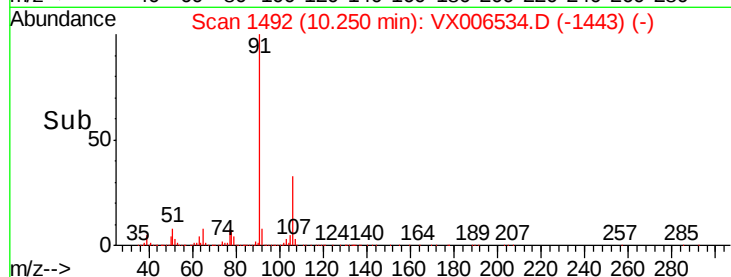
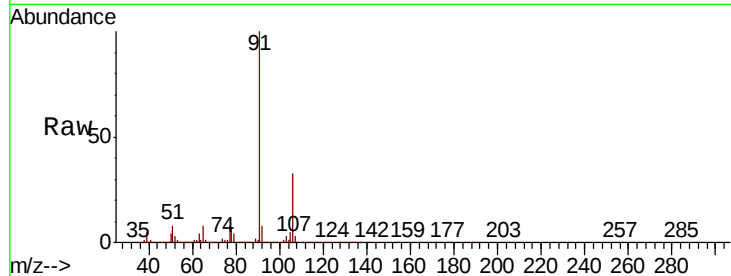
ClientSampleId :

Tot Ion: 91 Resp: 1502754

Ion Ratio Lower Upper

91 100

106 32.6 26.5 39.7



#68

m/p-Xylenes

Concen: 106.736 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006534.D

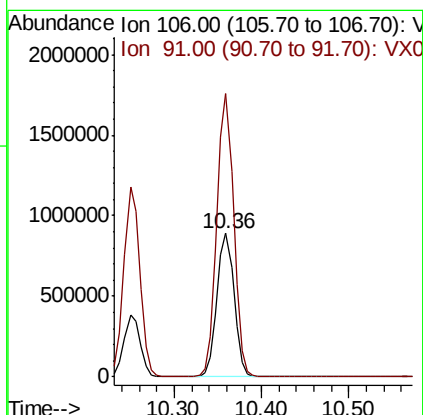
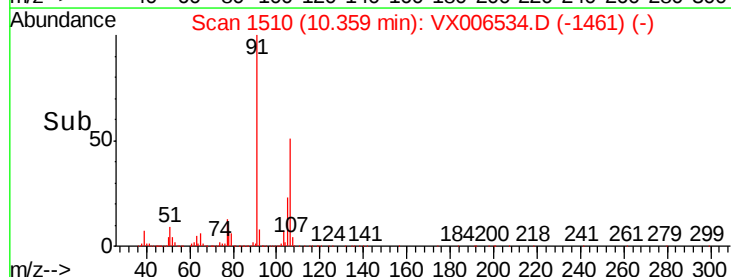
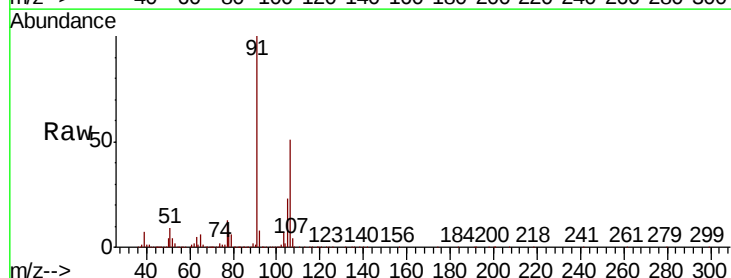
Acq: 14 Dec 2018 22:45

Tgt Ion: 106 Resp: 1205524

Ion Ratio Lower Upper

106 100

91 194.3 155.2 232.8

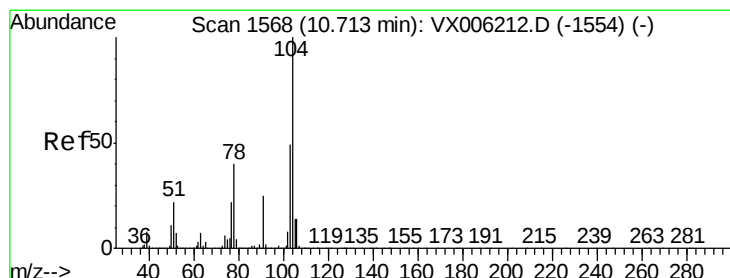
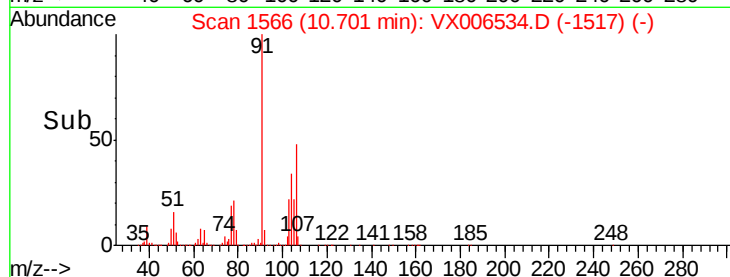
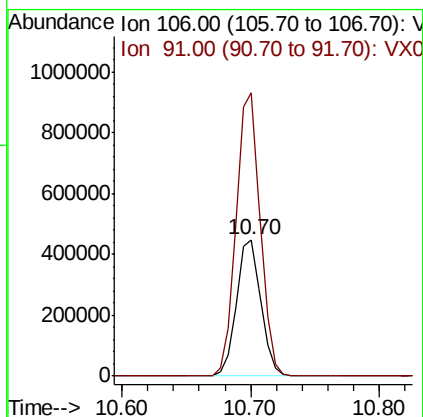
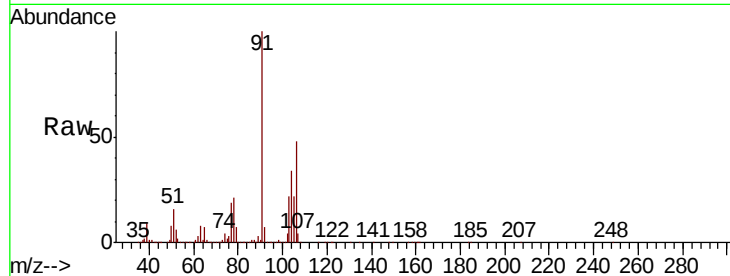




#69
o-Xylene
Concen: 52.864 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

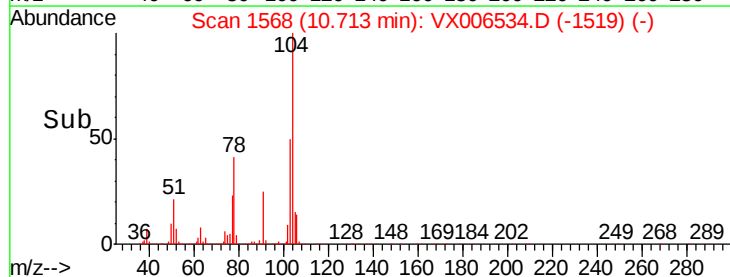
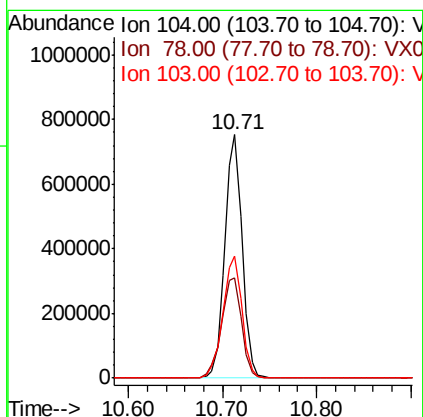
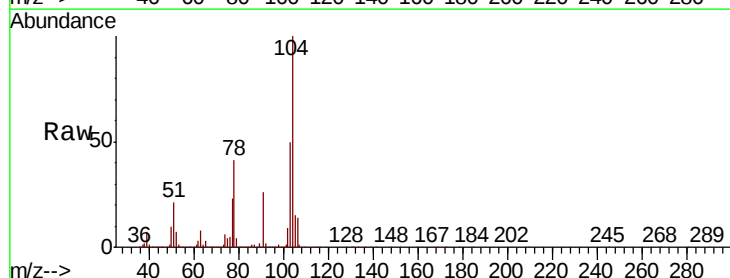
Instrument :
MSVOA_X
ClientSampled :

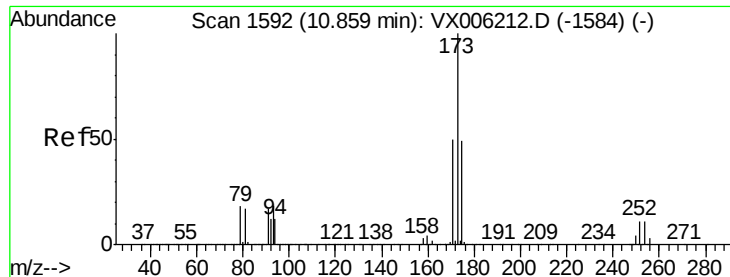
Tot Ion:106 Resp: 589764
Ion Ratio Lower Upper
106 100
91 206.1 101.8 305.6



#70
Styrene
Concen: 53.419 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion:104 Resp: 963868
Ion Ratio Lower Upper
104 100
78 47.4 37.2 55.8
103 54.9 43.5 65.3





#71

Bromoform

Concen: 39.894 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

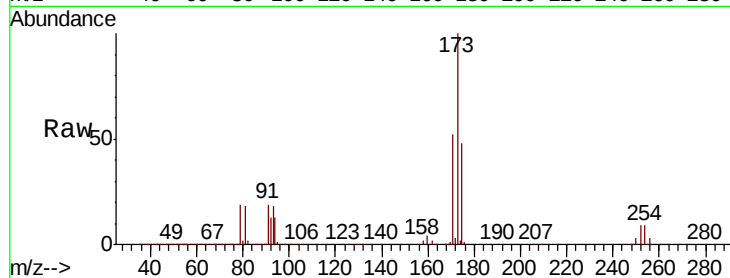
Tot Ion:173 Resp: 248052

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

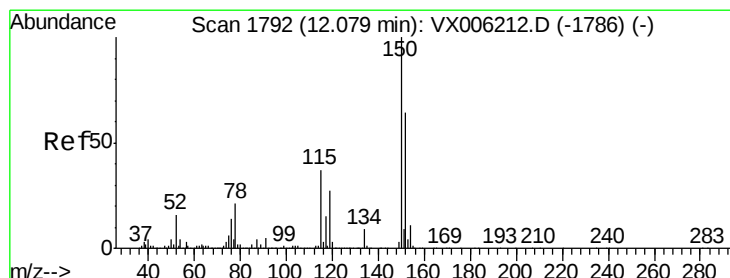
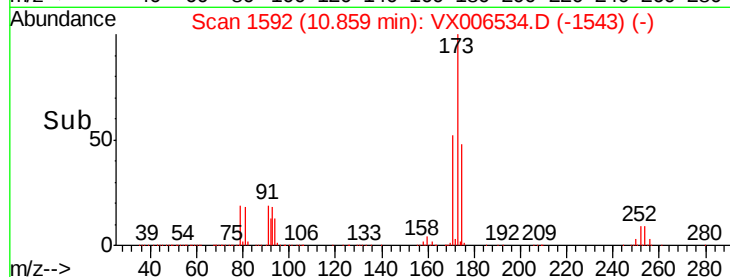
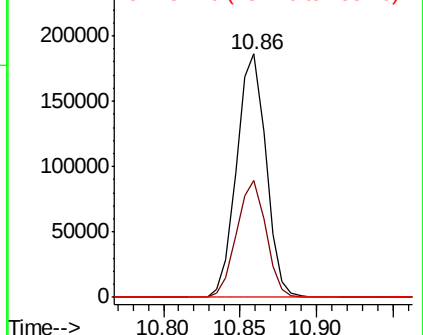
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

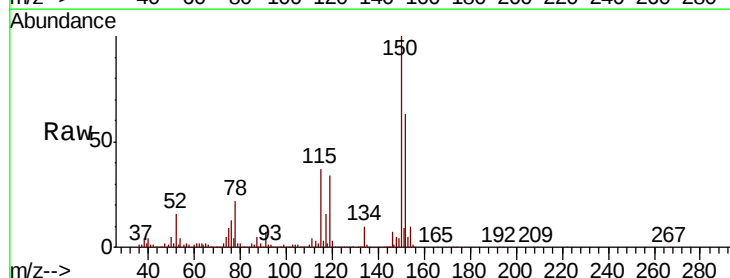
Tgt Ion:152 Resp: 416081

Ion Ratio Lower Upper

152 100

115 81.6 39.0 116.9

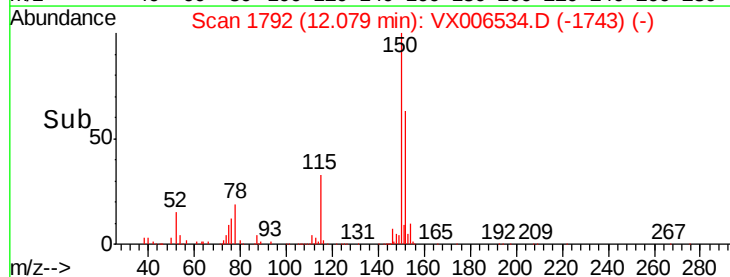
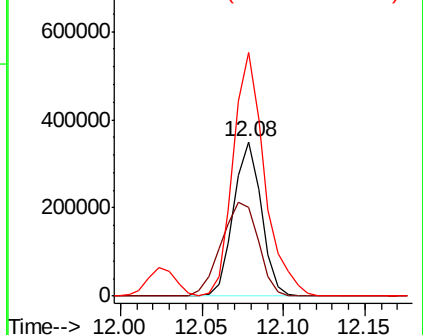
150 177.8 0.0 345.8

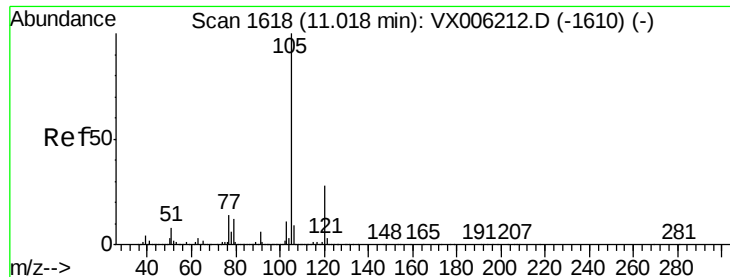


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.408 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

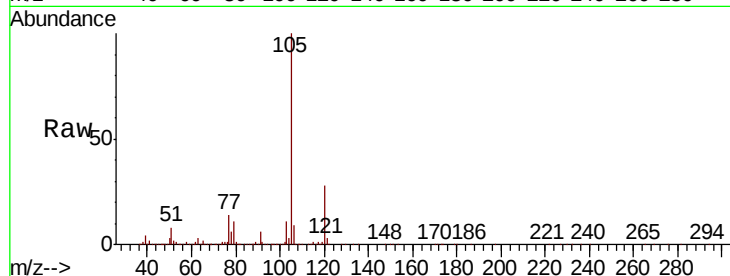
ClientSampled :

Tot Ion:105 Resp: 1563362

Ion Ratio Lower Upper

105 100

120 28.1 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

11.02

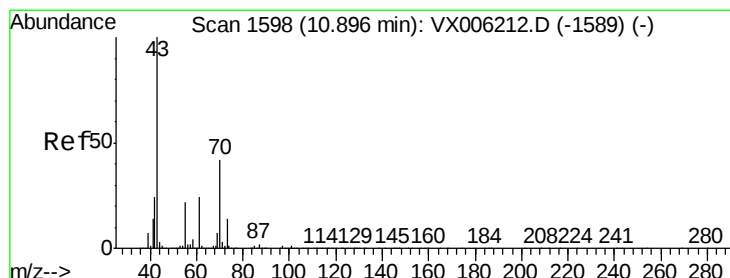
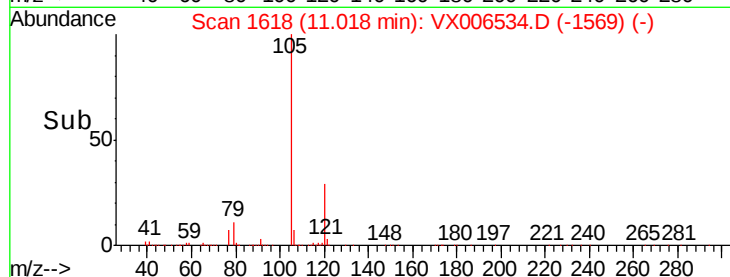
1000000

500000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 47.034 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion: 43 Resp: 581976

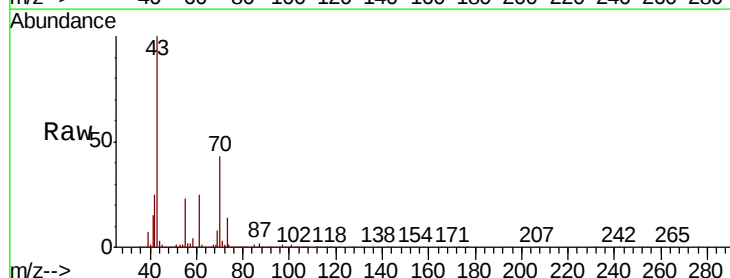
Ion Ratio Lower Upper

43 100

70 45.0 34.1 51.1

55 24.3 17.8 26.8

61 25.3 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

600000

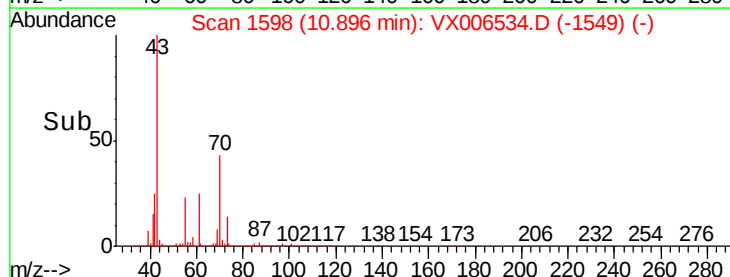
400000

200000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 51.644 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampled :

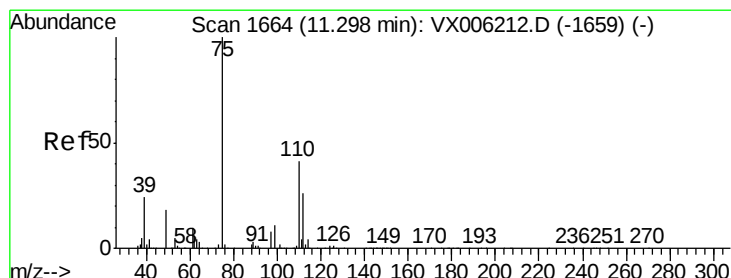
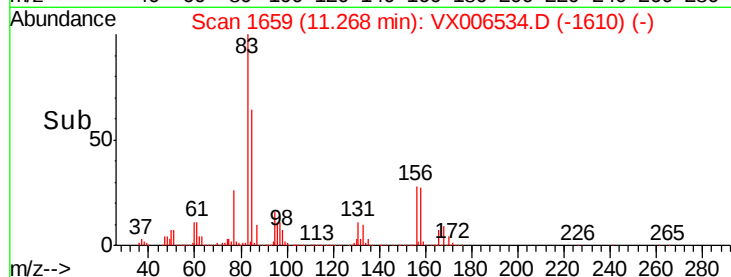
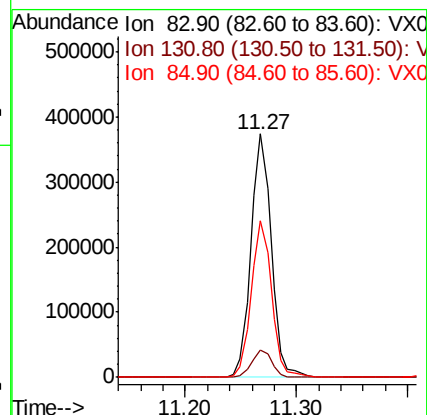
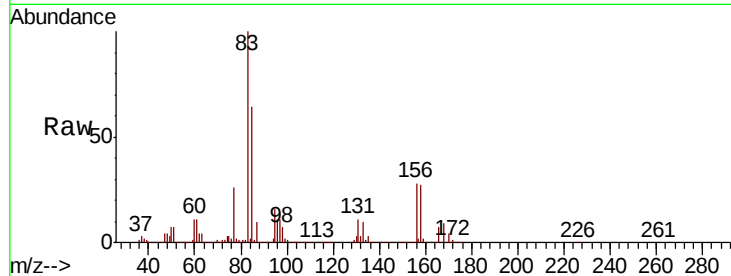
Tot Ion: 83 Resp: 474744

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

85 64.5 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 66.539 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006534.D

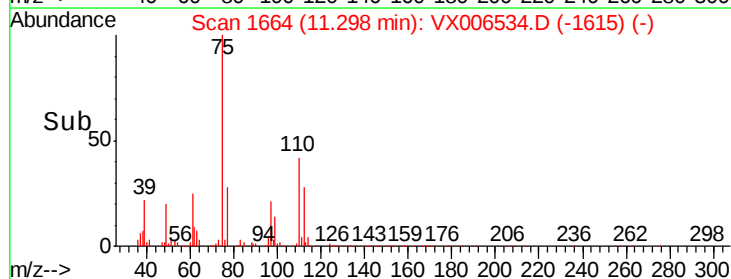
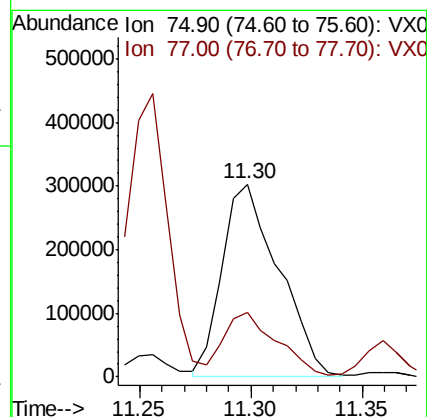
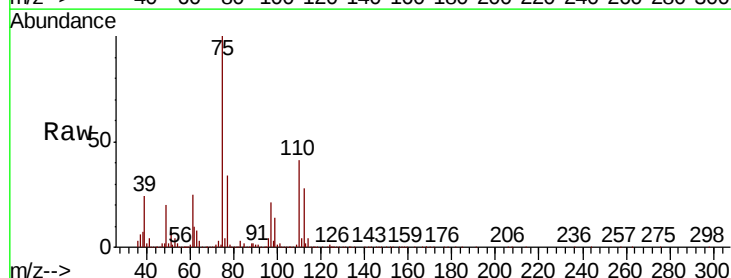
Acq: 14 Dec 2018 22:45

Tgt Ion: 75 Resp: 534377

Ion Ratio Lower Upper

75 100

77 31.5 19.9 59.7





#77

Bromobenzene

Concen: 53.078 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

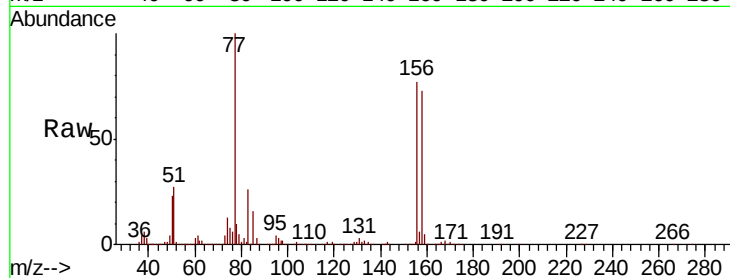
Tot Ion:156 Resp: 423258

Ion Ratio Lower Upper

156 100

77 135.4 66.2 198.6

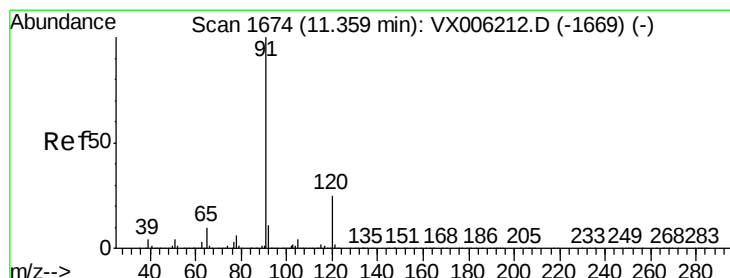
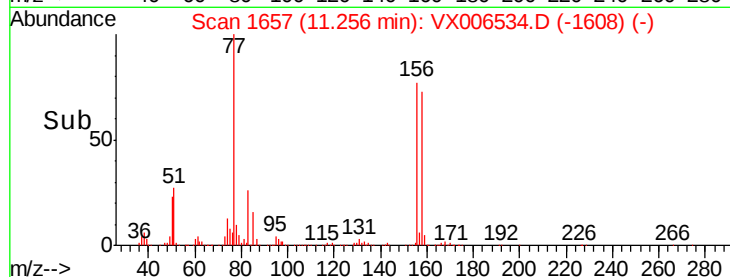
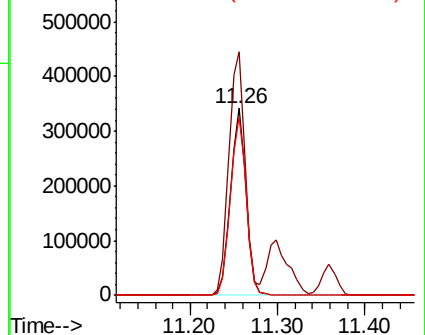
158 97.0 48.8 146.4



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: 54.608 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006534.D

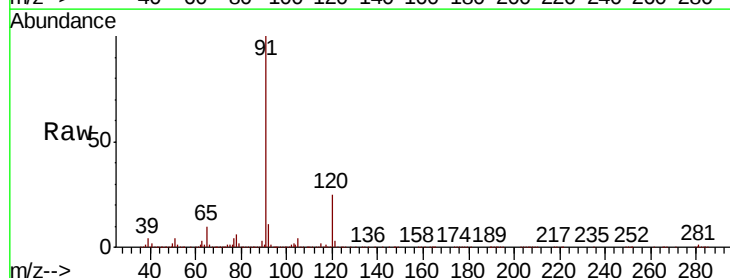
Acq: 14 Dec 2018 22:45

Tgt Ion: 91 Resp: 1744226

Ion Ratio Lower Upper

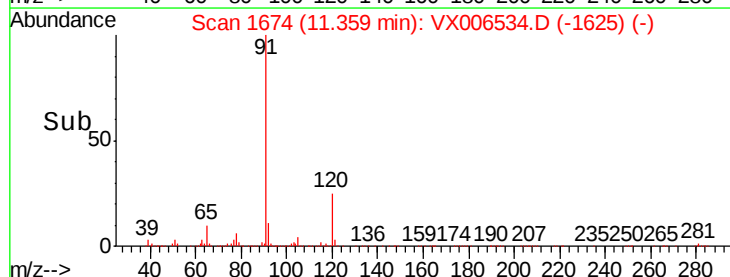
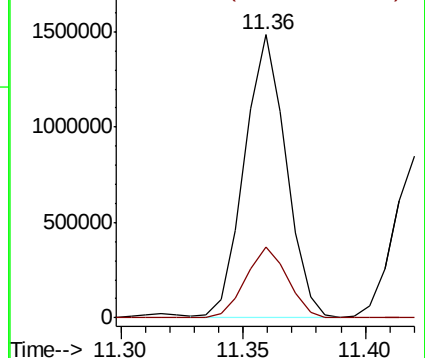
91 100

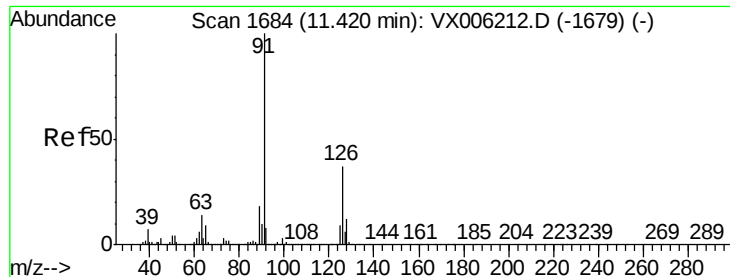
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

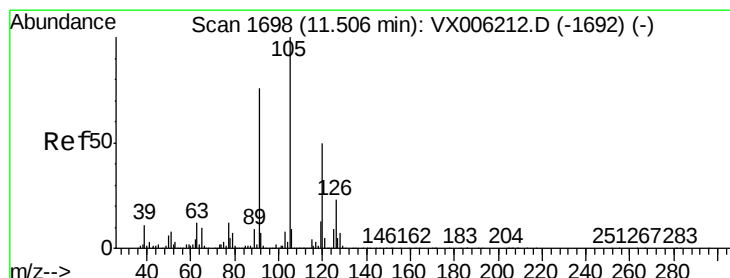
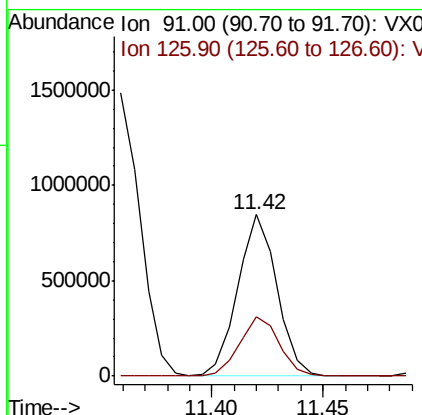
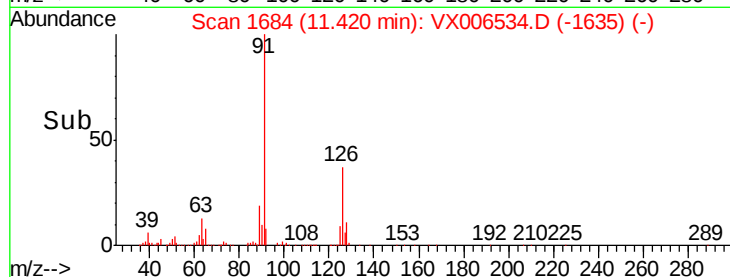
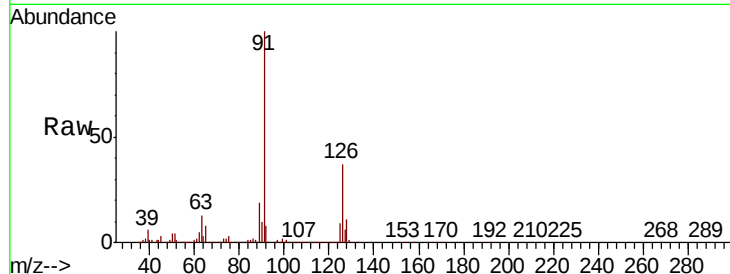




#79
2-Chlorotoluene
Concen: 54.403 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

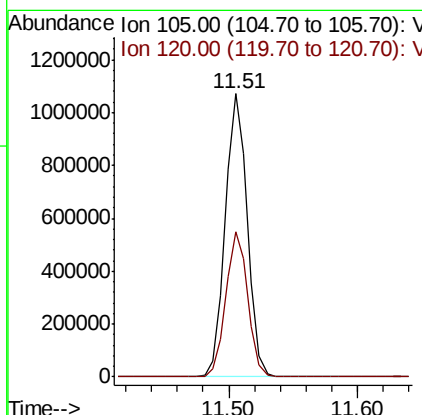
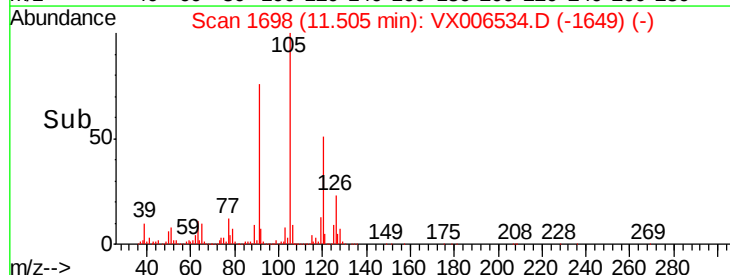
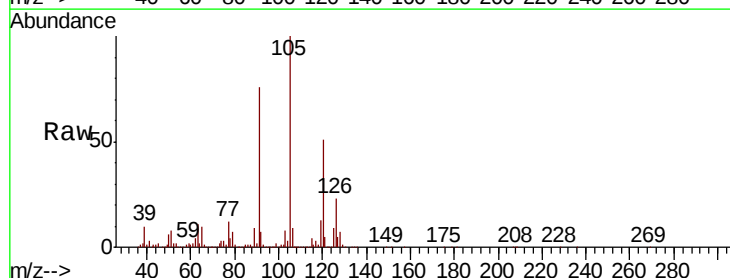
Instrument :
MSVOA_X
ClientSampleId :

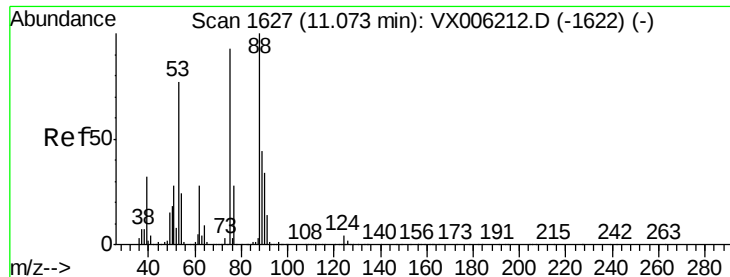
Tot Ion: 91 Resp: 1032796
Ion Ratio Lower Upper
91 100
126 37.3 18.6 56.0



#80
1,3,5-Trimethylbenzene
Concen: 54.110 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion:105 Resp: 1293627
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 37.902 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

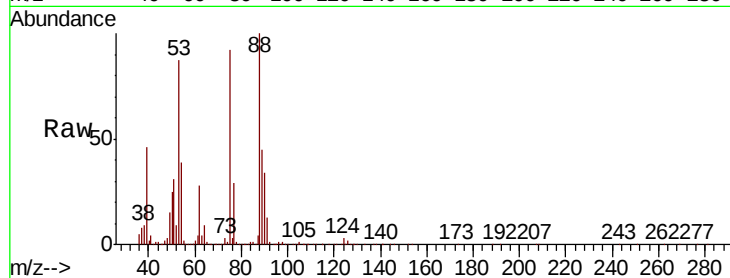
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 129710

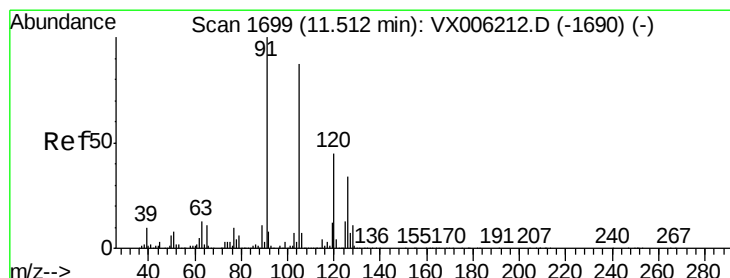
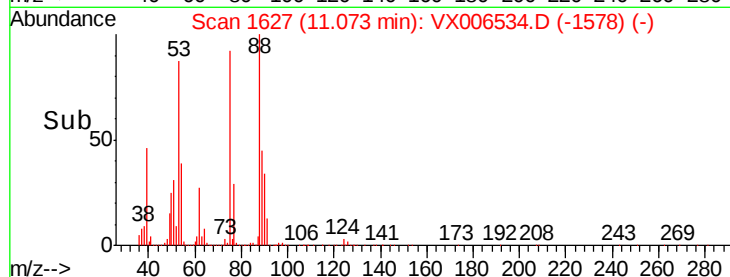
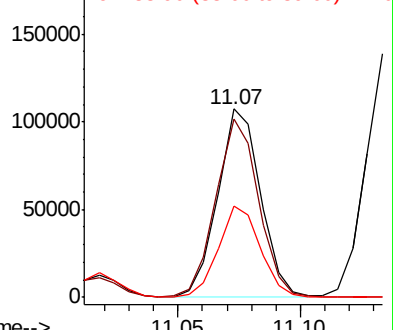
Ion	Ratio	Lower	Upper
75	100		
53	95.1	64.4	96.6
89	47.8	44.2	66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 53.864 ug/l

RT: 11.51 min Scan# 1699

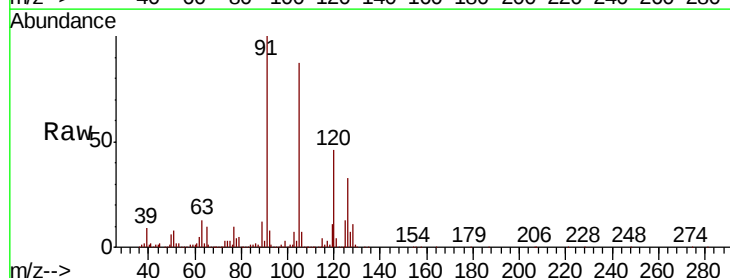
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

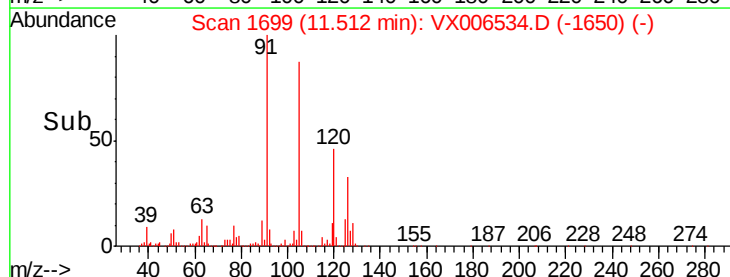
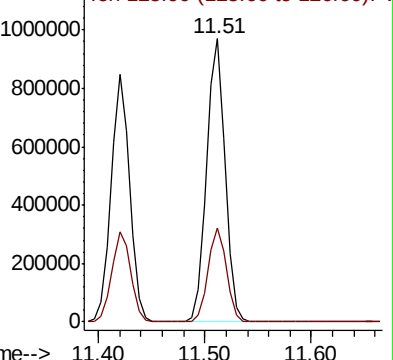
Tgt Ion: 91 Resp: 1188900

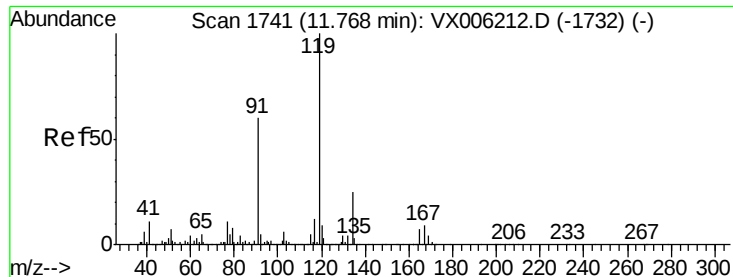
Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.4	49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 52.237 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampled :

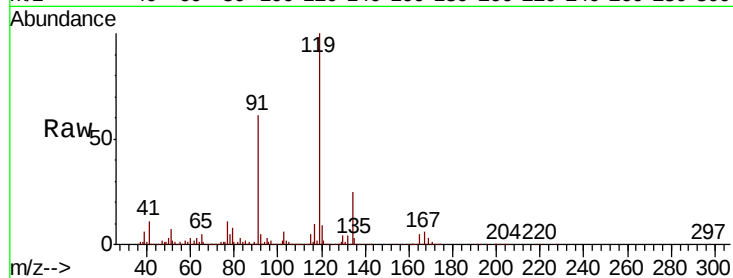
Tot Ion:119 Resp: 1332471

Ion Ratio Lower Upper

119 100

91 55.2 26.4 79.2

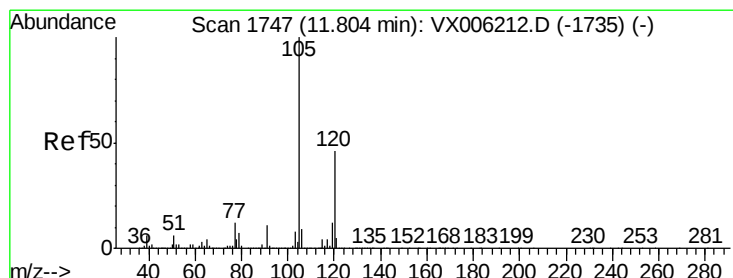
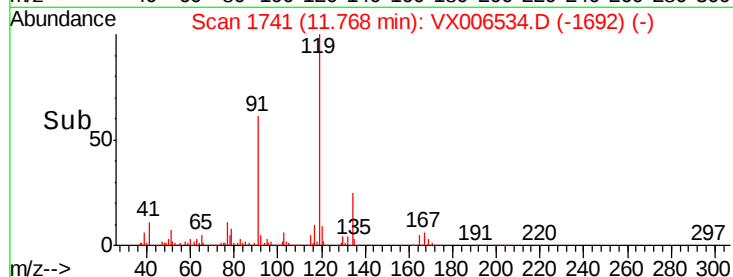
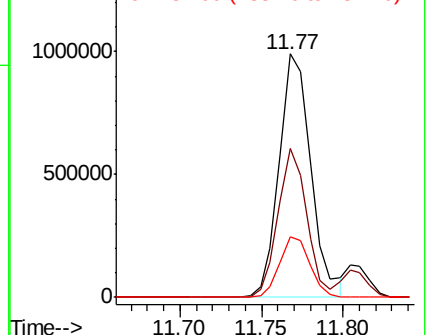
134 23.7 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.083 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006534.D

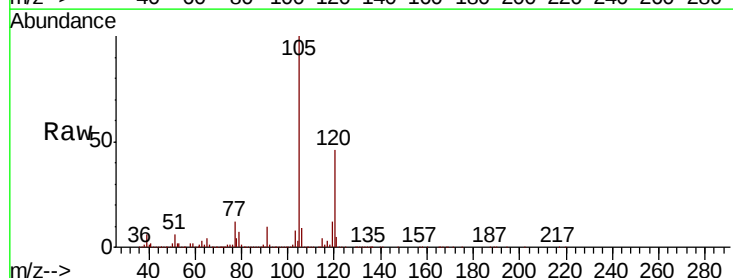
Acq: 14 Dec 2018 22:45

Tgt Ion:105 Resp: 1335136

Ion Ratio Lower Upper

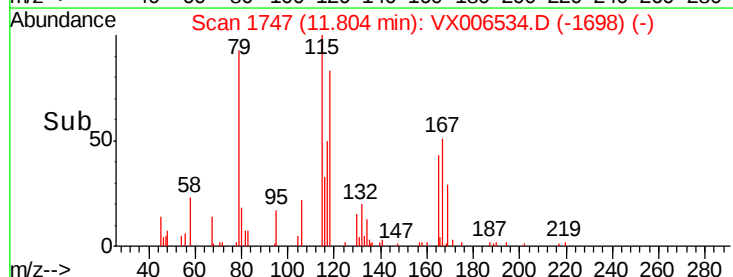
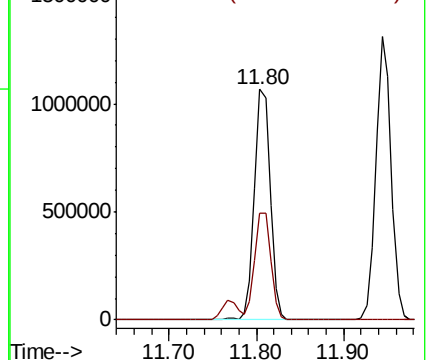
105 100

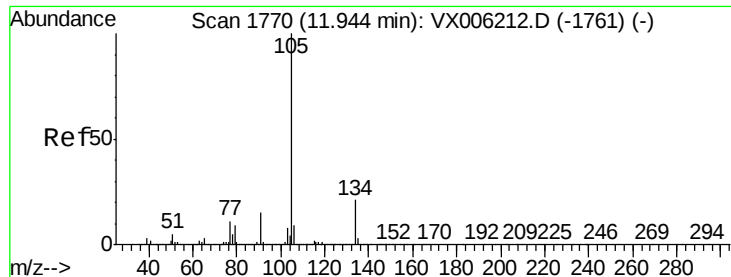
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 55.223 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

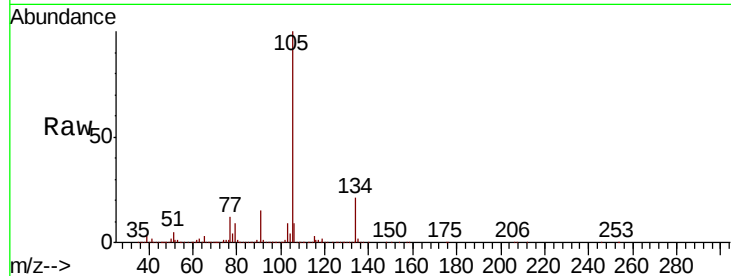
ClientSampled :

Tot Ion:105 Resp: 1602551

Ion Ratio Lower Upper

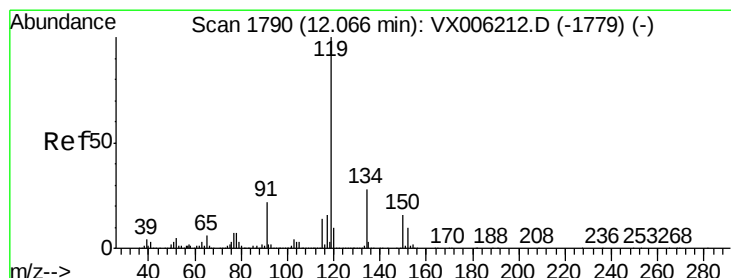
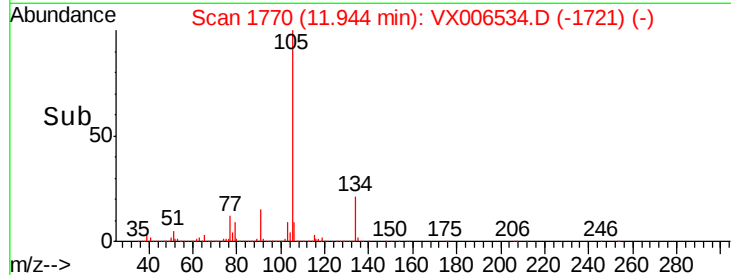
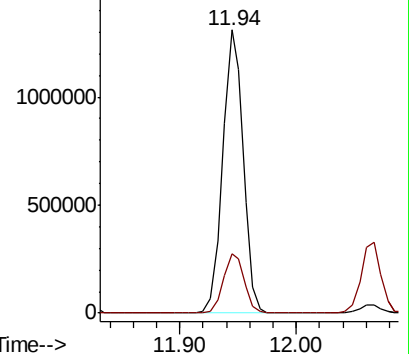
105 100

134 21.4 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.682 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

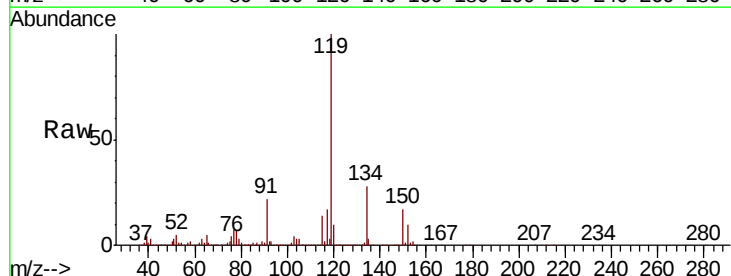
Tgt Ion:119 Resp: 1428884

Ion Ratio Lower Upper

119 100

134 27.4 13.9 41.6

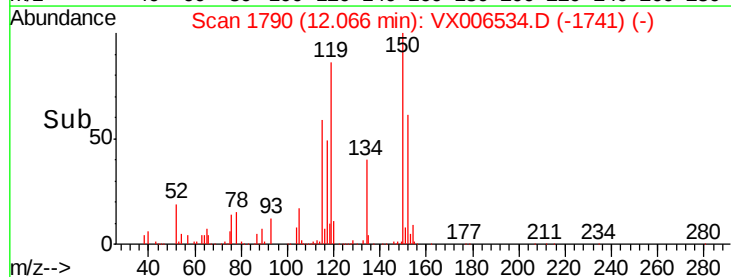
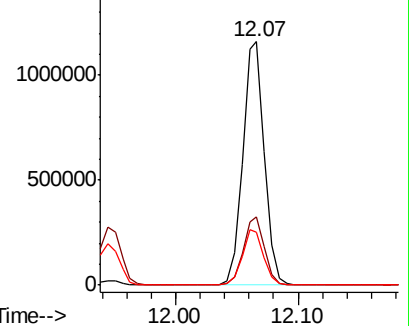
91 22.4 11.3 33.8

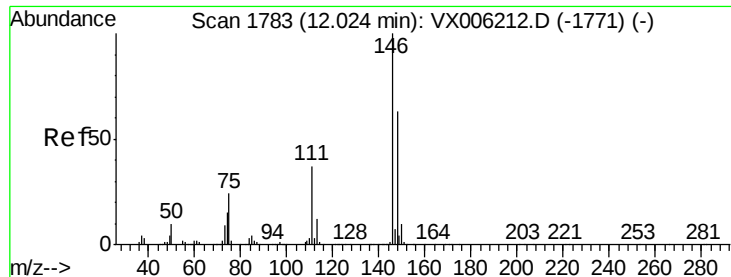


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 53.728 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006534.D

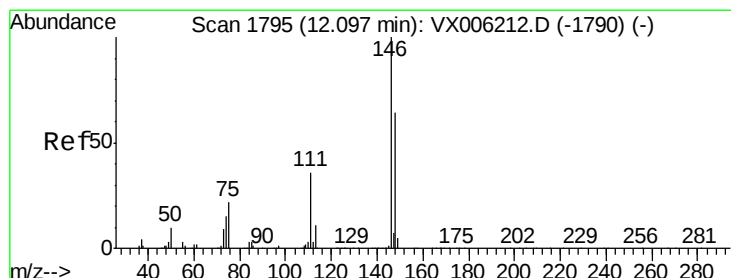
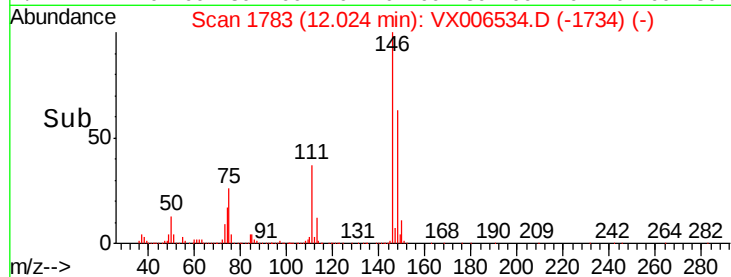
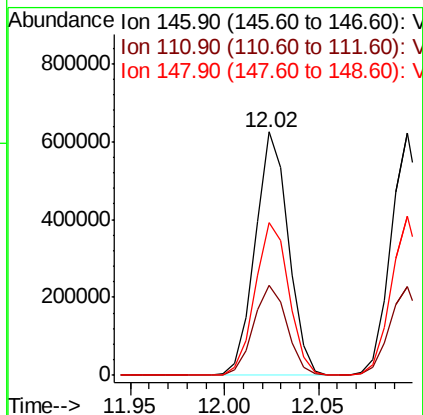
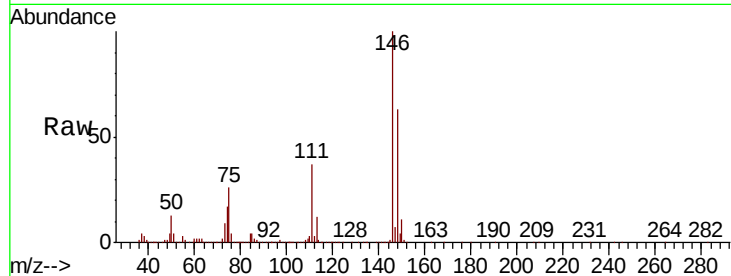
Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	762343
Ion	Ratio	Lower Upper
146	100	
111	37.4	18.4 55.2
148	64.0	32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 52.451 ug/l

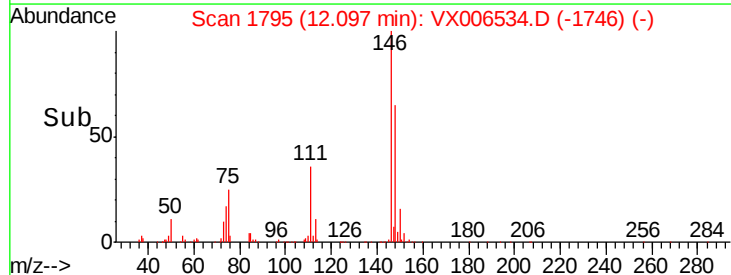
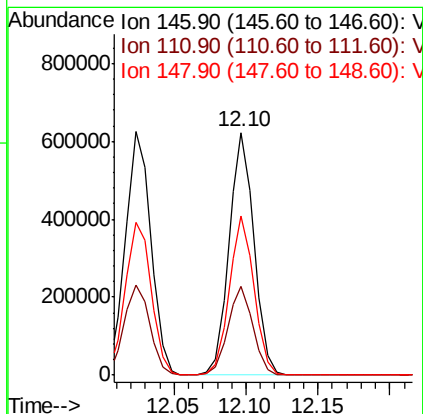
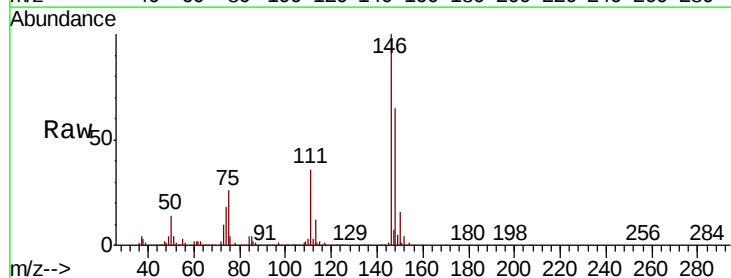
RT: 12.10 min Scan# 1795

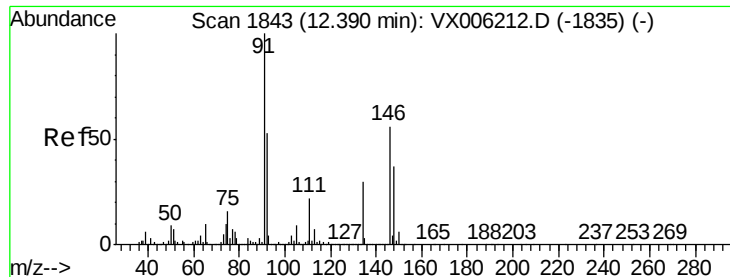
Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Tgt Ion:146	Resp:	755378
Ion	Ratio	Lower Upper
146	100	
111	36.9	18.3 54.8
148	65.1	31.9 95.9





#89

n-Butylbenzene

Concen: 53.433 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

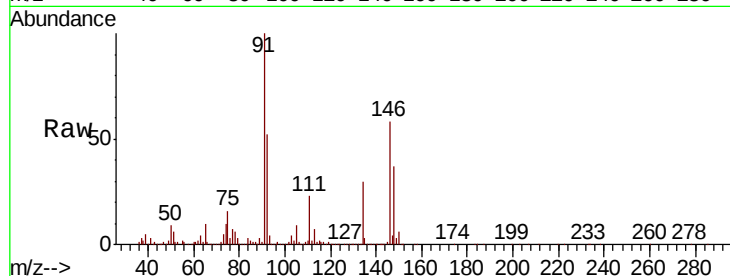
Tot Ion: 91 Resp: 1191354

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 28.9 14.8 44.3

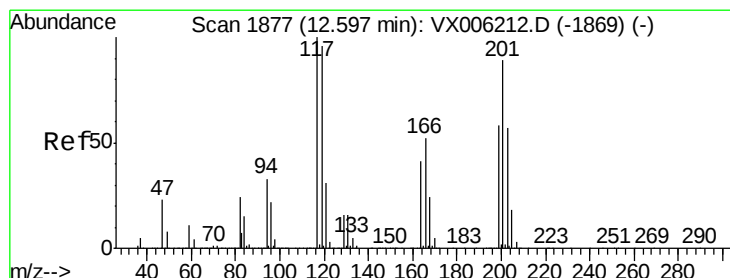
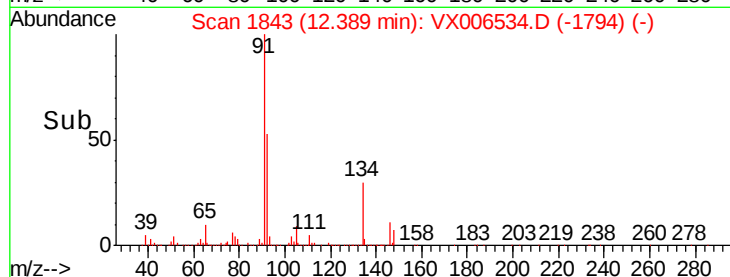


Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX006212.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX006212.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 43.265 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX006534.D

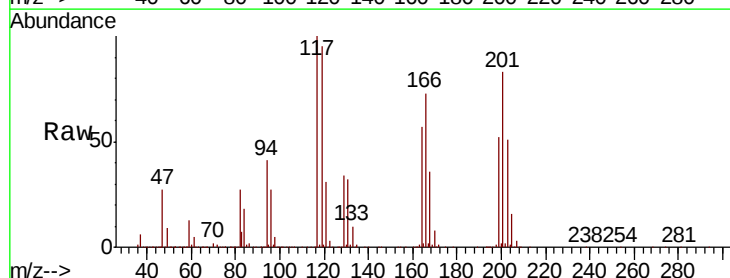
Acq: 14 Dec 2018 22:45

Tgt Ion: 117 Resp: 230421

Ion Ratio Lower Upper

117 100

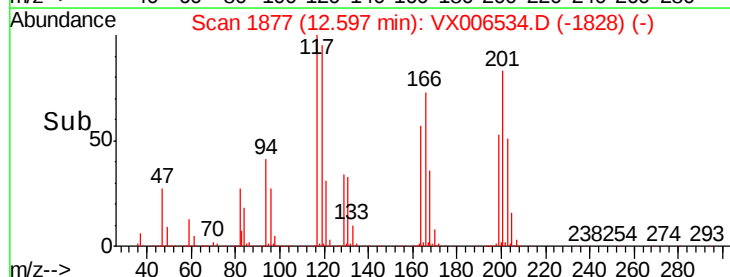
201 83.4 44.7 134.1

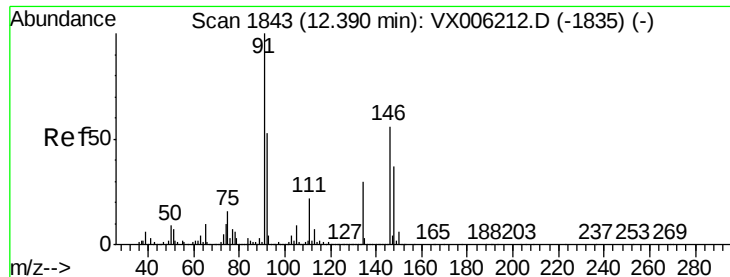


Abundance Ion 116.80 (116.50 to 117.50): VX006212.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX006212.D (-1869) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 52.244 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006534.D

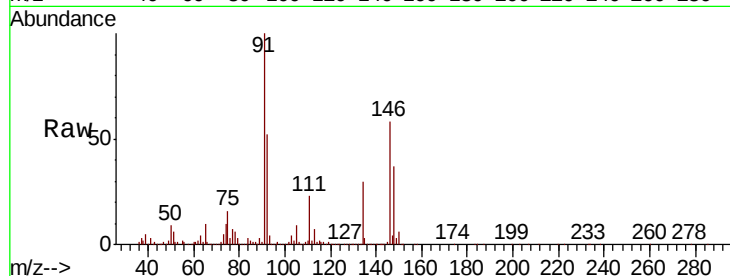
Acq: 14 Dec 2018 22:45

Instrument :

MSVOA_X

ClientSampleId :

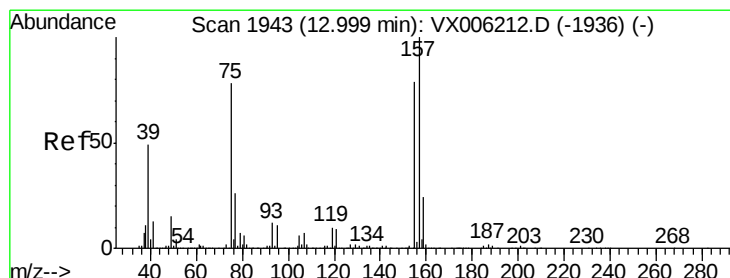
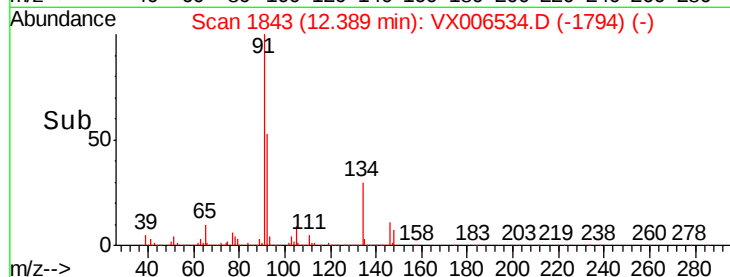
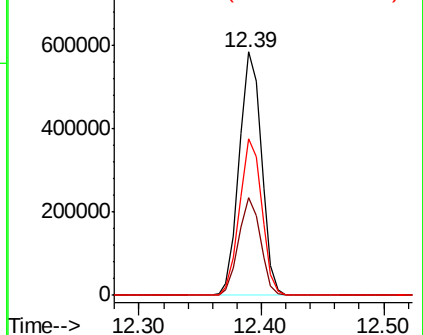
Tot Ion:	146	Resp:	735706
Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.3
148	64.2	32.1	96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.085 ug/l

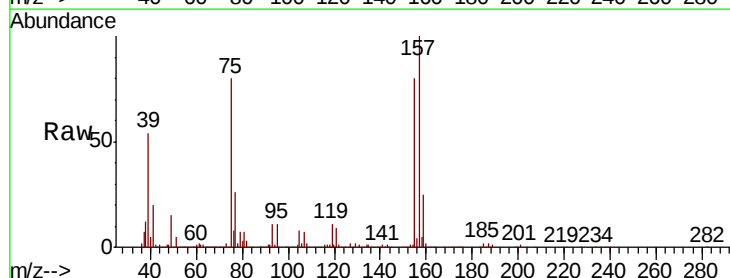
RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006534.D

Acq: 14 Dec 2018 22:45

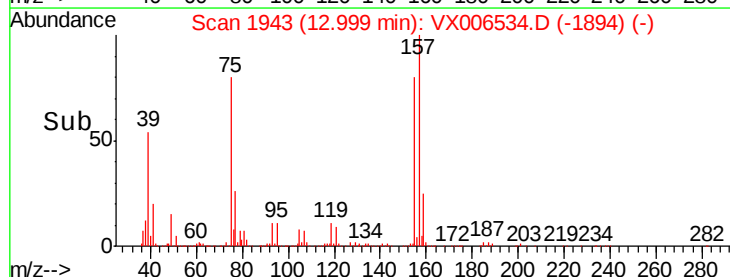
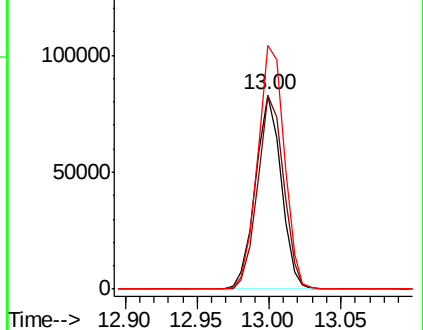
Tgt Ion:	75	Resp:	101529
Ion	Ratio	Lower	Upper
75	100		
155	101.4	53.4	160.3
157	131.1	68.0	203.8

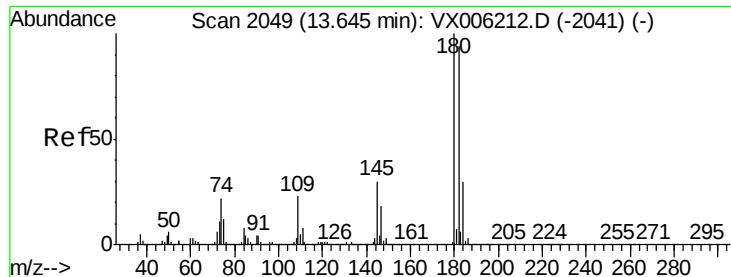


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

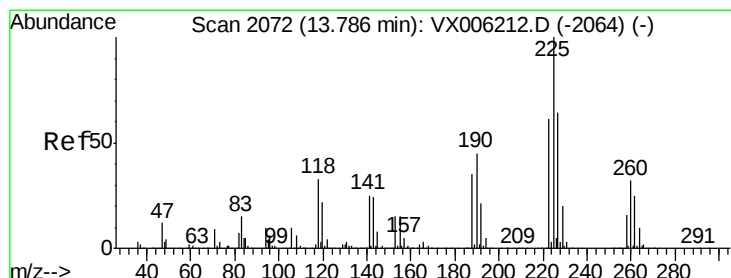
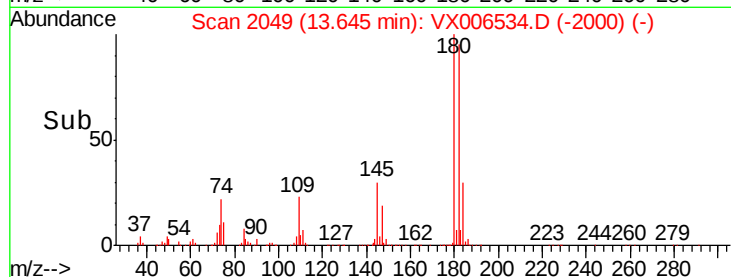
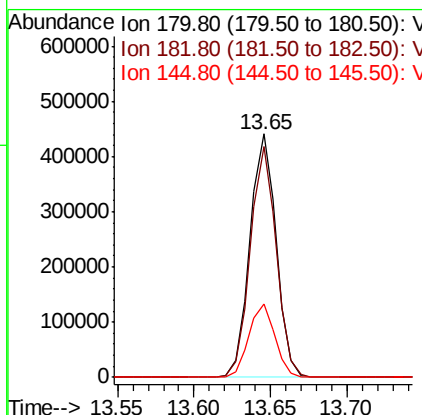
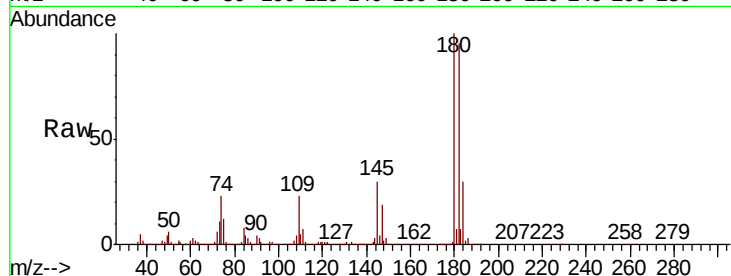




#93
 1,2,4-Trichlorobenzene
 Concen: 51.138 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

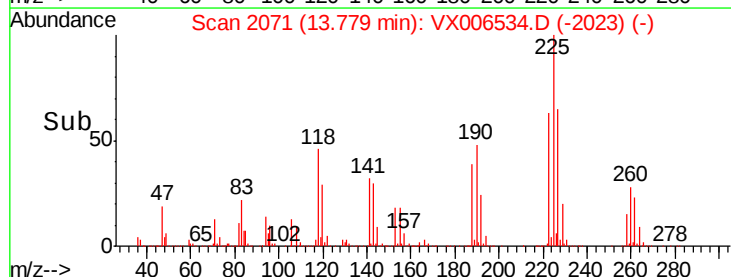
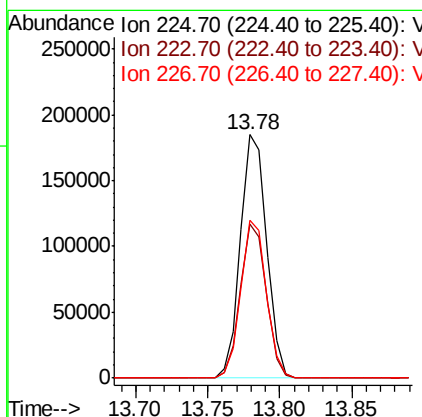
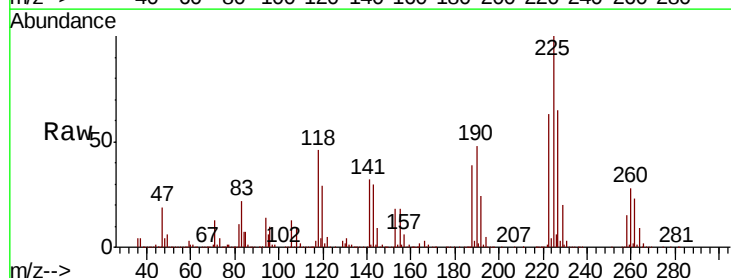
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.3	141.9
145	29.9	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 51.455 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006534.D
 Acq: 14 Dec 2018 22:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.2	93.6
227	63.4	31.9	95.5

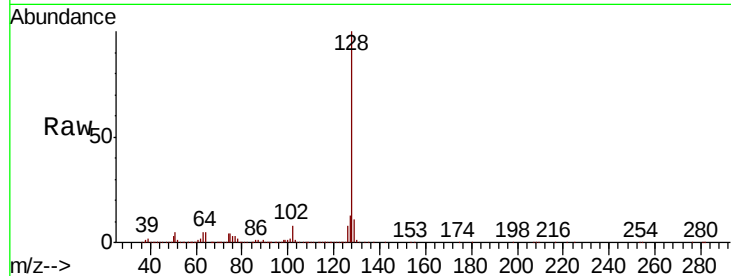




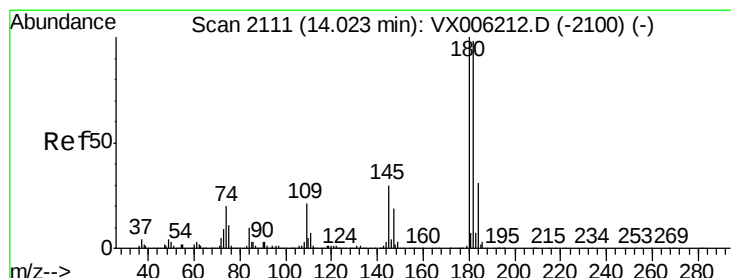
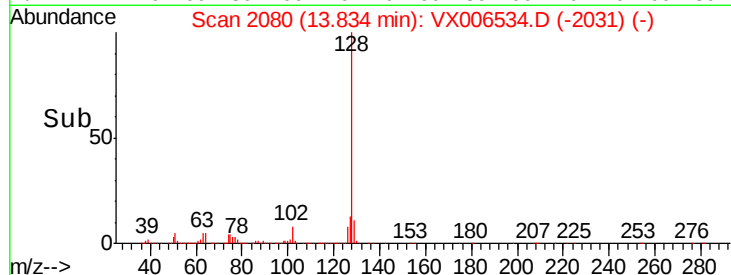
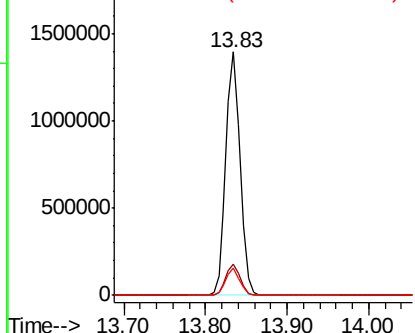
#95
Naphthalene
Concen: 52.785 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1686883
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 10.8 8.9 13.3

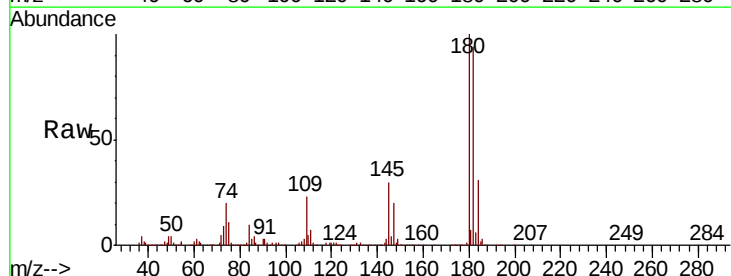


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.296 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX006534.D
Acq: 14 Dec 2018 22:45

Tgt Ion:180 Resp: 521979
Ion Ratio Lower Upper
180 100
182 95.3 48.4 145.2
145 32.4 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

