

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006274.D
 Acq On : 04 Dec 2018 13:22
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Quant Time: Dec 04 13:42:11 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	743511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1111272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	999773	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	499053	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	378394	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
35) Dibromofluoromethane	5.50	113	360955	50.17	ug/l	0.00
Spiked Amount			Recovery	=	100.34%	
50) Toluene-d8	8.71	98	1299424	49.65	ug/l	0.00
Spiked Amount			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.13	95	478254	48.49	ug/l	0.00
Spiked Amount			Recovery	=	96.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	148825	20.443	ug/l	100
3) Chloromethane	1.33	50	142447	19.041	ug/l	98
4) Vinyl Chloride	1.41	62	158515	19.687	ug/l	98
5) Bromomethane	1.64	94	119856	21.479	ug/l	97
6) Chloroethane	1.72	64	101925	20.646	ug/l	97
7) Trichlorofluoromethane	1.93	101	244618	19.792	ug/l	98
8) Diethyl Ether	2.19	74	90986	19.451	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	139591	19.863	ug/l	99
10) Methyl Iodide	2.51	142	209505	19.781	ug/l	100
11) Tert butyl alcohol	3.07	59	189158	91.129	ug/l	99
12) 1,1-Dichloroethene	2.38	96	130330	19.372	ug/l	94
13) Acrolein	2.29	56	111977	98.701	ug/l	97
14) Allyl chloride	2.73	41	250632	18.859	ug/l	99
15) Acrylonitrile	3.15	53	409935	94.640	ug/l	99
16) Acetone	2.45	43	347163	97.464	ug/l	99
17) Carbon Disulfide	2.57	76	378969	18.280	ug/l	100
18) Methyl Acetate	2.78	43	238240	20.000	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	465928	19.413	ug/l	99
20) Methylene Chloride	2.86	84	150709	19.881	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	137554	19.186	ug/l	93
22) Diisopropyl ether	3.87	45	414180	19.952	ug/l	96
23) Vinyl Acetate	3.82	43	1743117	98.452	ug/l	99
24) 1,1-Dichloroethane	3.70	63	236253	19.912	ug/l	98
25) 2-Butanone	4.70	43	495842	97.560	ug/l	99
26) 2,2-Dichloropropane	4.59	77	214123	19.555	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	162987	20.380	ug/l	99
28) Bromochloromethane	5.02	49	103292	19.931	ug/l	99
29) Tetrahydrofuran	5.15	42	336491	95.262	ug/l	98
30) Chloroform	5.21	83	253437	20.326	ug/l	99
31) Cyclohexane	5.57	56	211184	19.260	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	233588	19.690	ug/l	99
36) 1,1-Dichloropropene	5.80	75	182844	19.539	ug/l	100
37) Ethyl Acetate	4.85	43	196136	18.716	ug/l	98
38) Carbon Tetrachloride	5.78	117	215569	19.581	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	237918	19.586	ug/l	99
40) Benzene	6.14	78	559647	19.967	ug/l	99
41) Methacrylonitrile	5.06	41	109639	19.013	ug/l	98
42) 1,2-Dichloroethane	6.20	62	186963	20.382	ug/l	99
43) Isopropyl Acetate	6.46	43	328892	18.823	ug/l	99
44) Trichloroethene	7.21	130	168322	19.824	ug/l	99
45) 1,2-Dichloropropane	7.52	63	138054	19.380	ug/l	96
46) Dibromomethane	7.66	93	102335	19.891	ug/l	99
47) Bromodichloromethane	7.90	83	198077	19.882	ug/l	98
48) Methyl methacrylate	7.77	41	160501	18.882	ug/l	99
49) 1,4-Dioxane	7.75	88	79406	379.020	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	977123	96.063	ug/l	98
52) Toluene	8.79	92	364824	19.785	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	219633	18.850	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	233454	19.296	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	153215	20.453	ug/l	98
56) Ethyl methacrylate	9.18	69	225979	19.296	ug/l	98
57) 1,3-Dichloropropane	9.37	76	239519	20.220	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	557695	93.843	ug/l	99
59) 2-Hexanone	9.49	43	740773	95.323	ug/l	99
60) Dibromochloromethane	9.59	129	176243	19.079	ug/l	98
61) 1,2-Dibromoethane	9.67	107	168784	20.150	ug/l	96
64) Tetrachloroethene	9.34	164	153547	20.394	ug/l	98
65) Chlorobenzene	10.14	112	431482	20.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	165719	20.097	ug/l	99
67) Ethyl Benzene	10.25	91	699113	19.806	ug/l	100
68) m/p-Xylenes	10.36	106	552180	39.053	ug/l	100
69) o-Xylene	10.70	106	274455	19.651	ug/l	99
70) Styrene	10.71	104	437413	19.364	ug/l	98
71) Bromoform	10.86	173	143307	18.411	ug/l #	100
73) Isopropylbenzene	11.02	105	724326	21.017	ug/l	99
74) N-amyl acetate	10.90	43	286114	19.279	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	225931	20.491	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	263789	27.385	ug/l	87
77) Bromobenzene	11.26	156	197093	20.607	ug/l	99
78) n-propylbenzene	11.36	91	785663	20.508	ug/l	100
79) 2-Chlorotoluene	11.42	91	467689	20.540	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	592257	20.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	77529	18.888	ug/l	95
82) 4-Chlorotoluene	11.51	91	535696	20.235	ug/l	99
83) tert-Butylbenzene	11.77	119	634503	20.739	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	610588	20.621	ug/l	99
85) sec-Butylbenzene	11.94	105	714008	20.514	ug/l	100
86) p-Isopropyltoluene	12.06	119	639863	20.416	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	343739	20.198	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	341466	19.768	ug/l	99
89) n-Butylbenzene	12.39	91	529461	19.799	ug/l	99
90) Hexachloroethane	12.60	117	125852	19.702	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	337743	19.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51331	18.162	ug/l	97

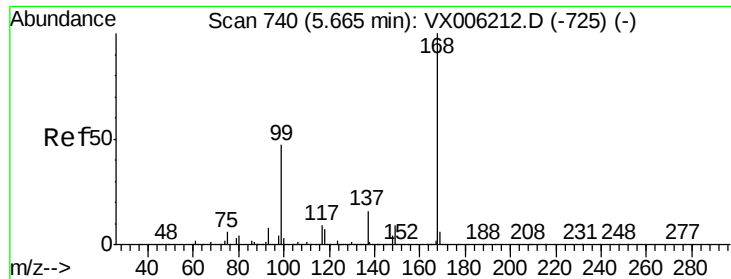
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120418\
Data File : VX006274.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	240677	19.532	ug/l	98
94) Hexachlorobutadiene	13.78	225	109798	20.148	ug/l	99
95) Naphthalene	13.83	128	767972	20.035	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246917	20.231	ug/l	99

(#) = 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: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

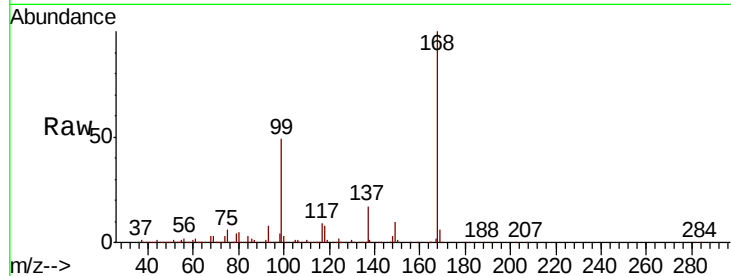
VX1204WBS01

Tot Ion:168 Resp: 743511

Ion Ratio Lower Upper

168 100

99 49.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

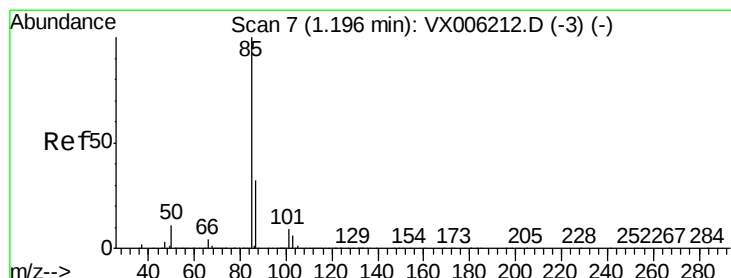
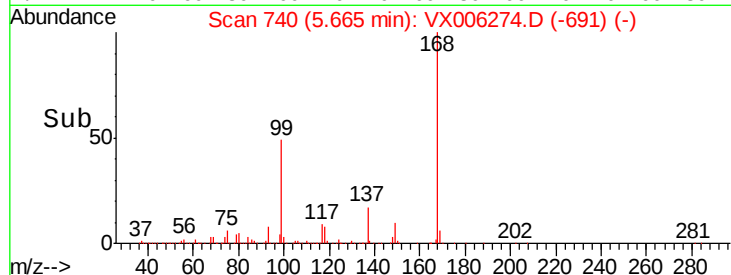
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.443 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006274.D

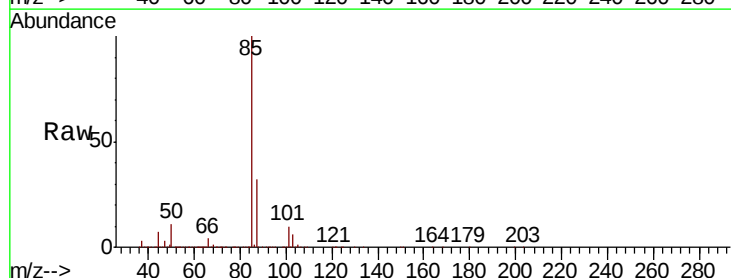
Acq: 04 Dec 2018 13:22

Tgt Ion: 85 Resp: 148825

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

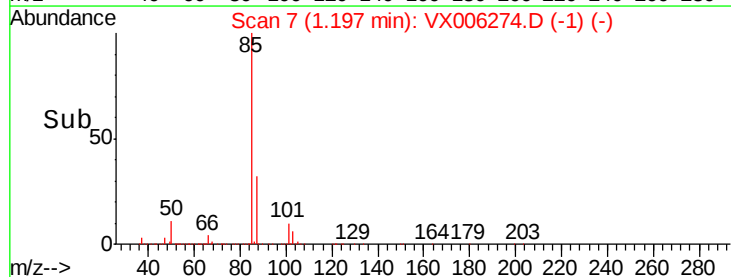
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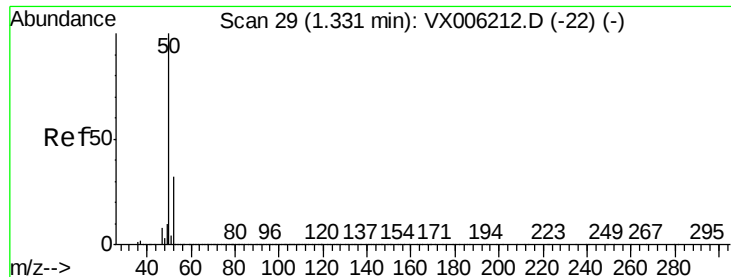
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Time-->

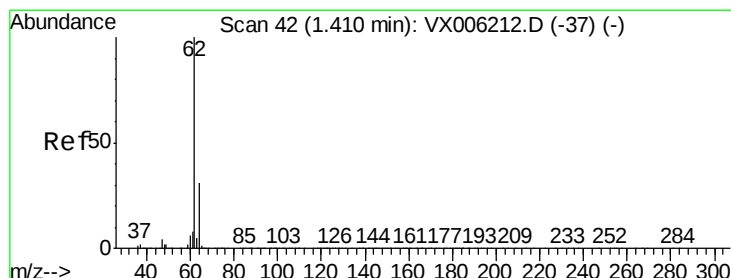
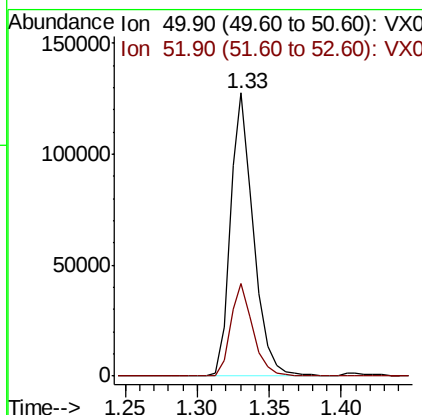
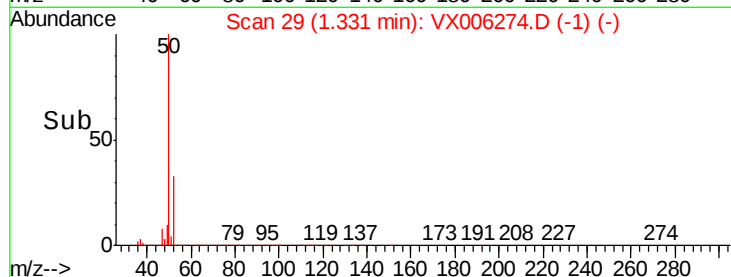
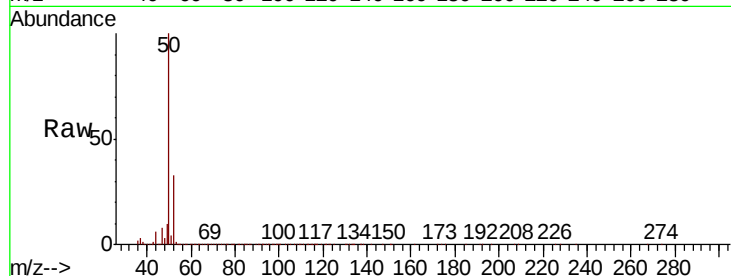




#3
Chloromethane
Concen: 19.041 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

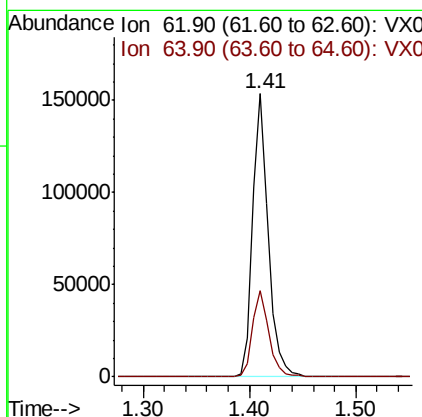
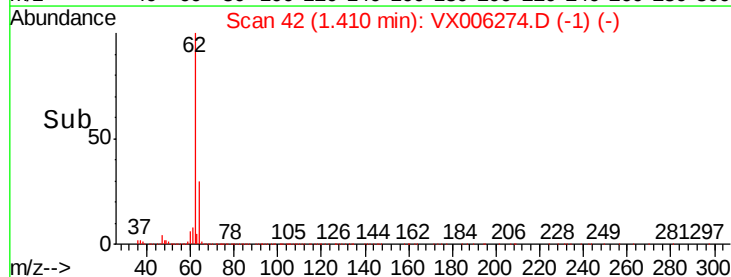
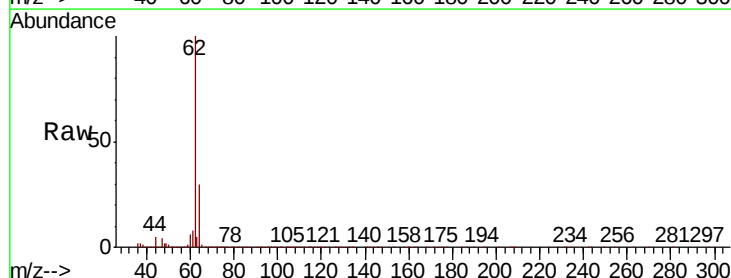
Instrument :
MSVOA_X
ClientSampled :
VX1204WBS01

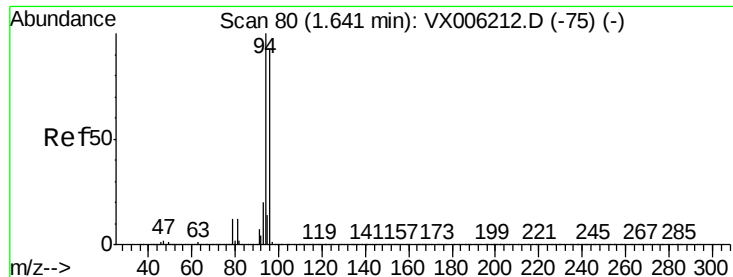
Tot Ion: 50 Resp: 142447
Ion Ratio Lower Upper
50 100
52 32.7 25.2 37.8



#4
Vinyl Chloride
Concen: 19.687 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 62 Resp: 158515
Ion Ratio Lower Upper
62 100
64 30.2 24.9 37.3





#5

Bromomethane

Concen: 21.479 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

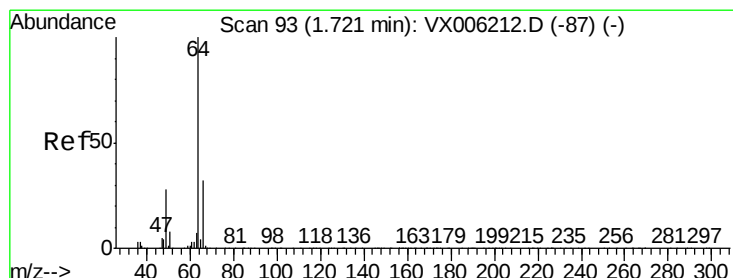
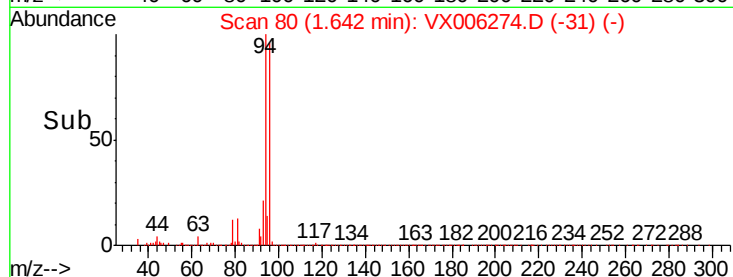
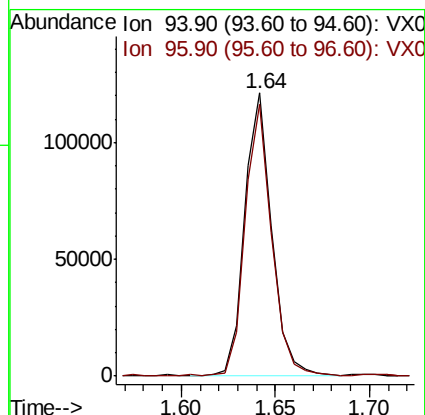
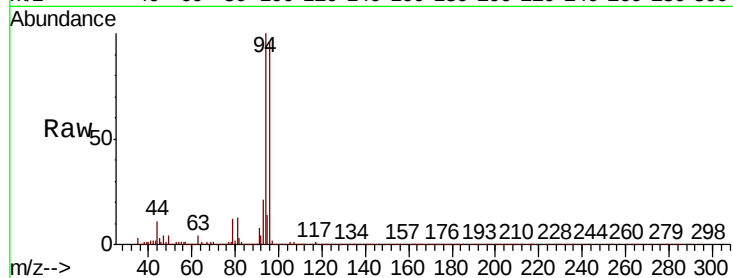
VX1204WBS01

Tot Ion: 94 Resp: 119856

Ion Ratio Lower Upper

94 100

96 96.1 74.5 111.7



#6

Chloroethane

Concen: 20.646 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006274.D

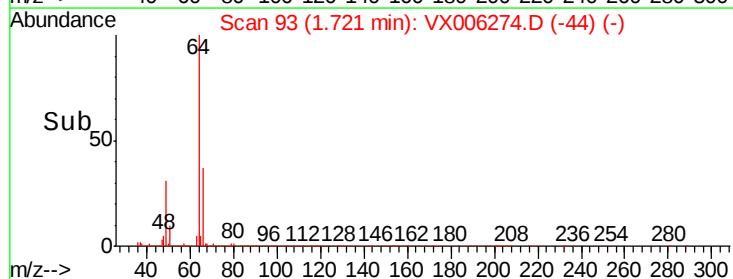
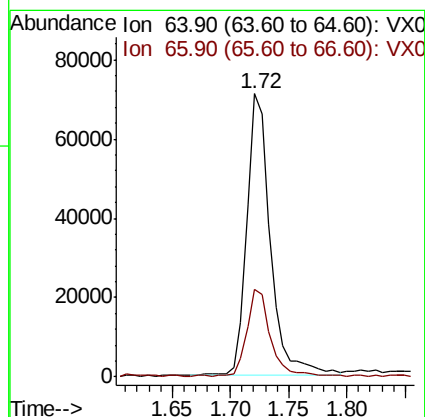
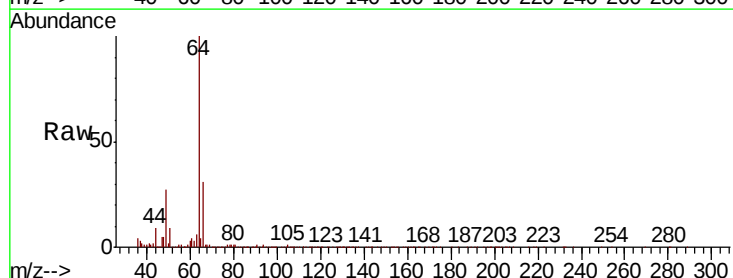
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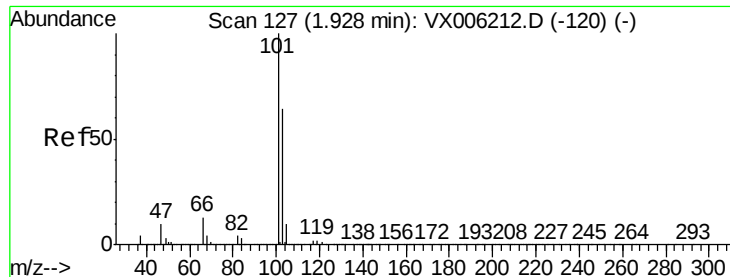
Tgt Ion: 64 Resp: 101925

Ion Ratio Lower Upper

64 100

66 30.8 25.9 38.9



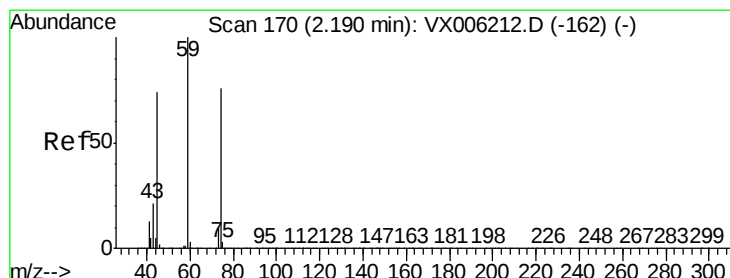
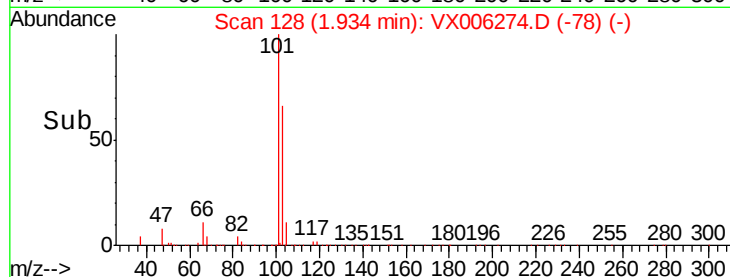
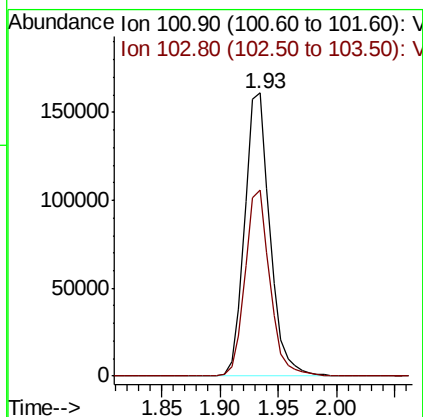
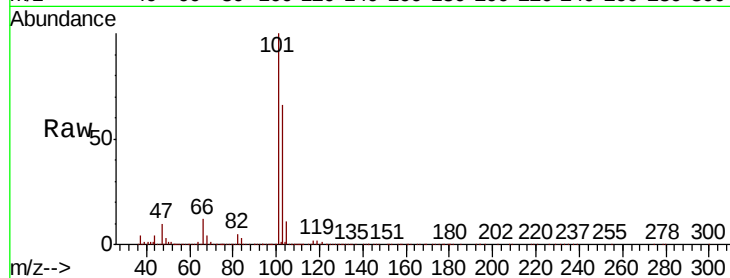


#7

Trichlorofluoromethane
Concen: 19.792 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

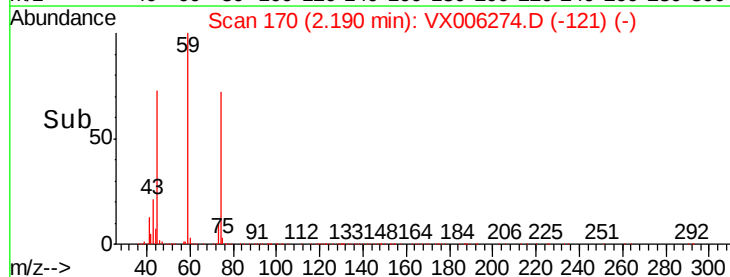
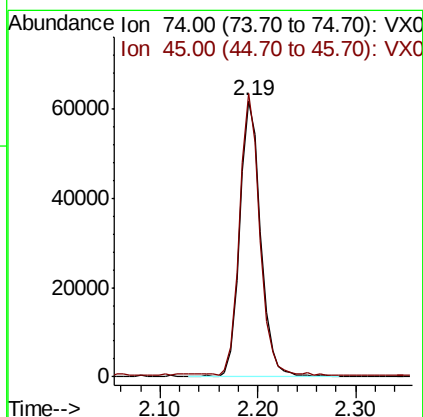
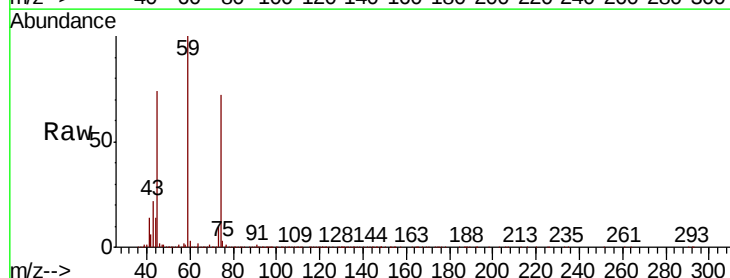
Tot Ion:101 Resp: 244618
Ion Ratio Lower Upper
101 100
103 65.6 51.0 76.4

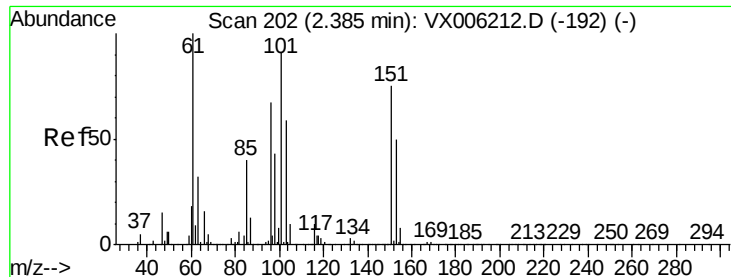


#8

Diethyl Ether
Concen: 19.451 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 74 Resp: 90986
Ion Ratio Lower Upper
74 100
45 99.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.863 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

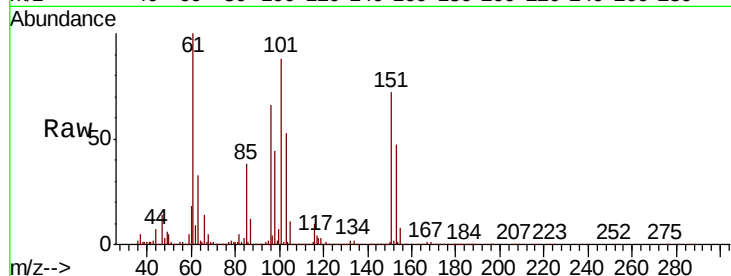
Tot Ion:101 Resp: 139591

Ion Ratio Lower Upper

101 100

85 43.7 35.5 53.3

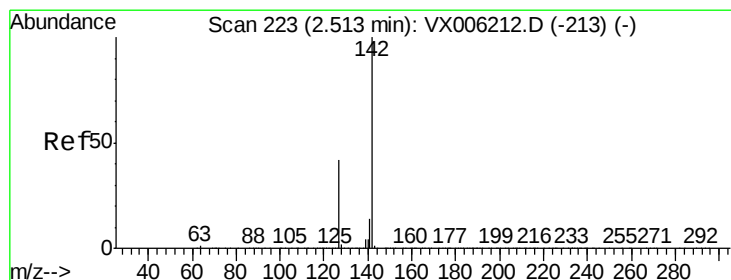
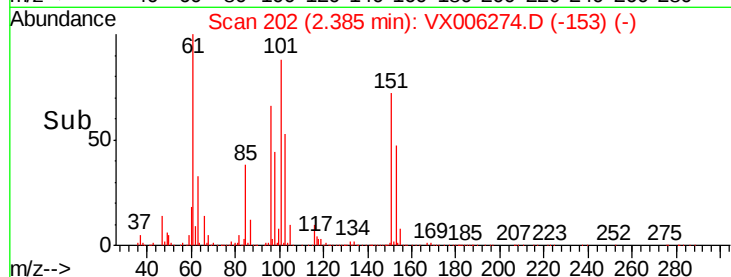
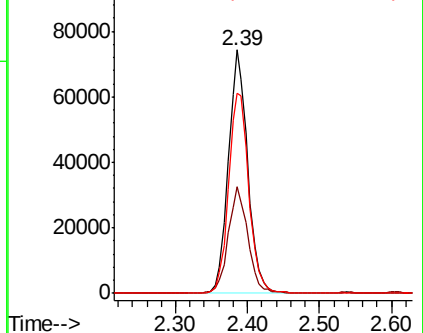
151 86.0 68.6 103.0



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: 19.781 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

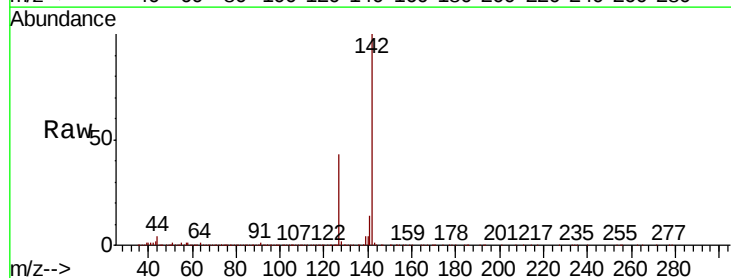
Tgt Ion:142 Resp: 209505

Ion Ratio Lower Upper

142 100

127 43.3 34.8 52.2

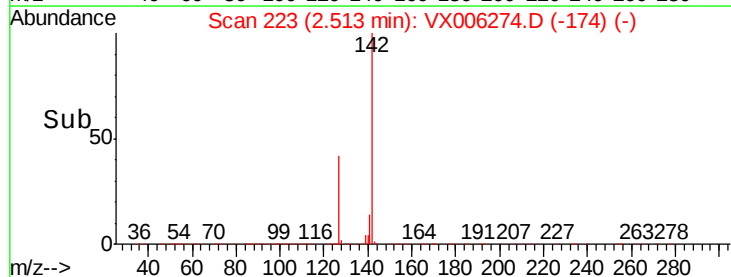
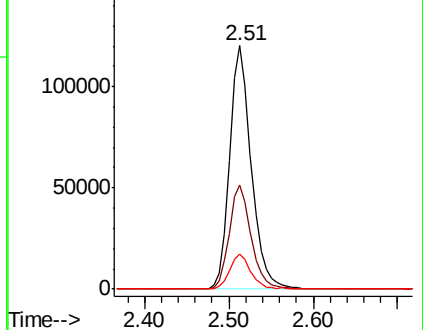
141 14.5 11.4 17.2

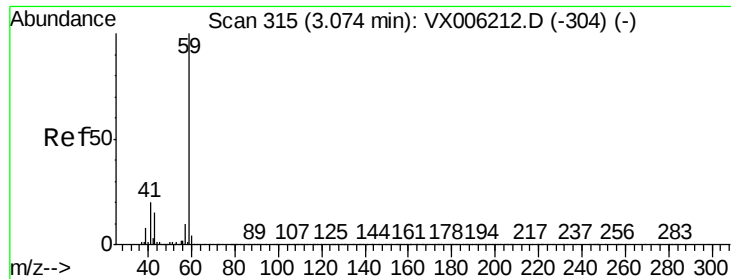


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



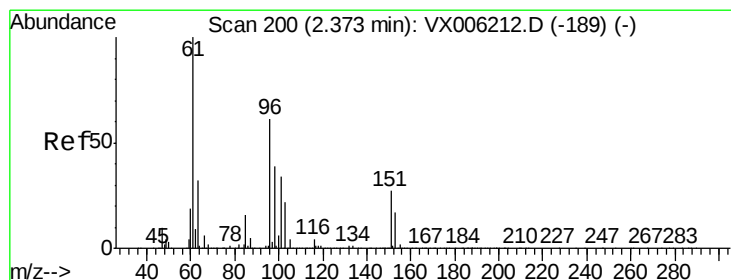
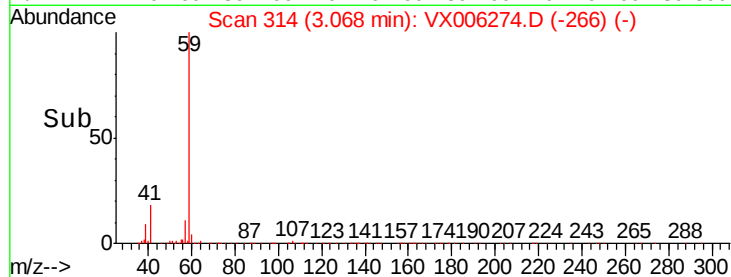
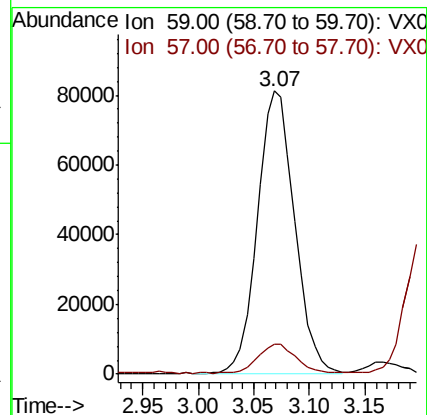
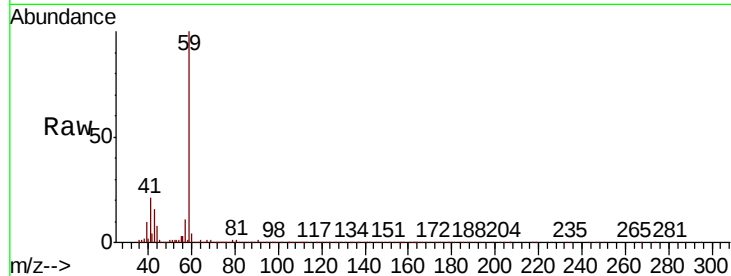


#11

Tert butyl alcohol
 Concen: 91.129 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

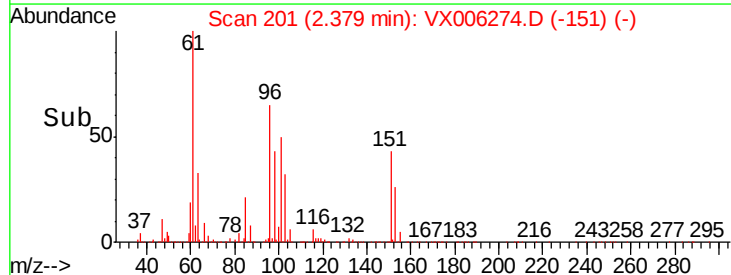
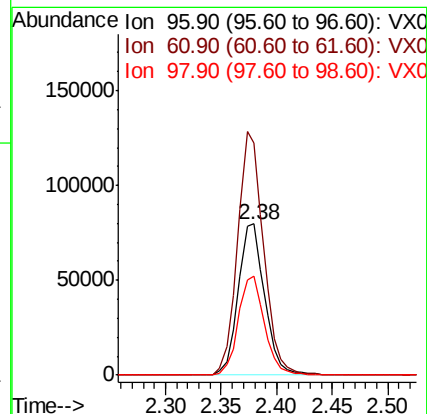
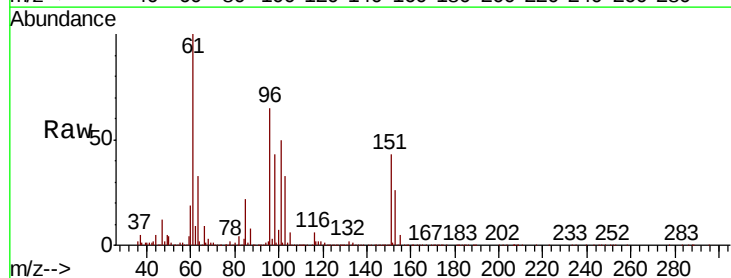
Tot Ion: 59 Resp: 189158
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

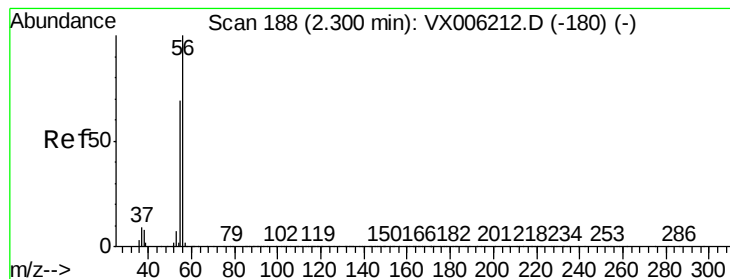


#12

1,1-Dichloroethene
 Concen: 19.372 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion: 96 Resp: 130330
 Ion Ratio Lower Upper
 96 100
 61 153.8 131.7 197.5
 98 65.8 51.8 77.6





#13

Acrolein

Concen: 98.701 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

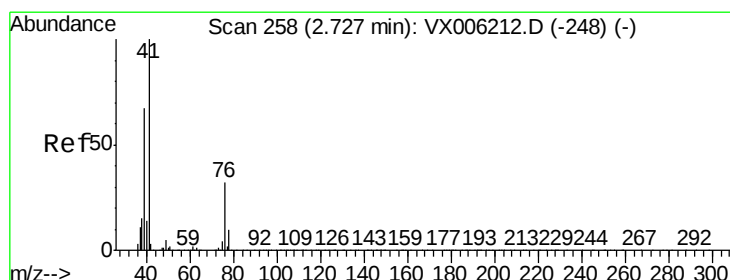
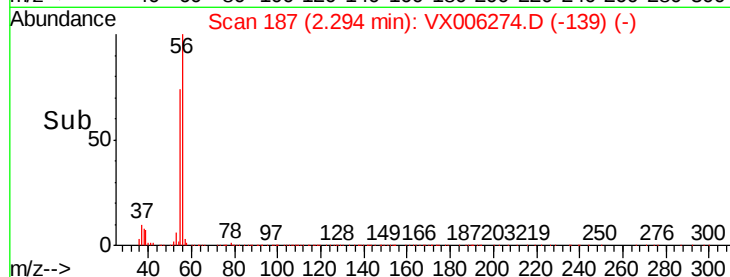
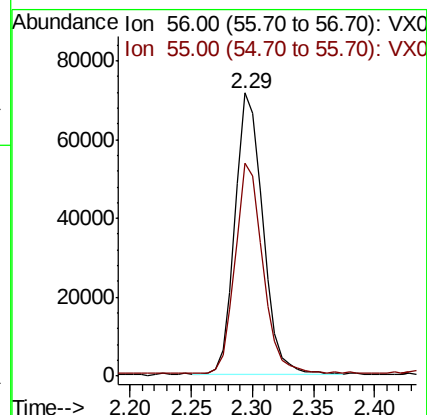
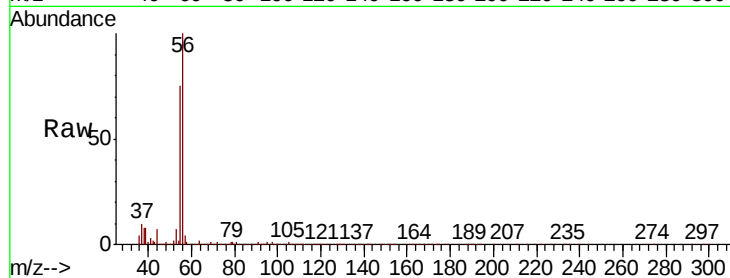
VX1204WBS01

Tot Ion: 56 Resp: 111977

Ion Ratio Lower Upper

56 100

55 74.6 57.8 86.6



#14

Allyl chloride

Concen: 18.859 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

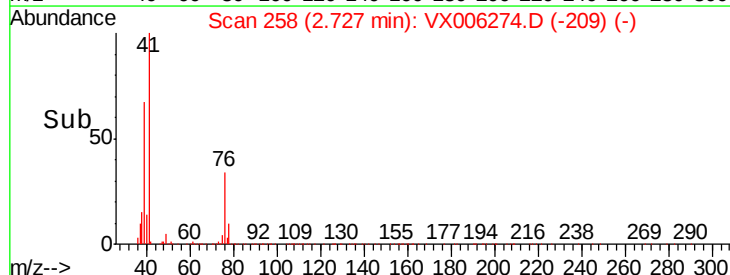
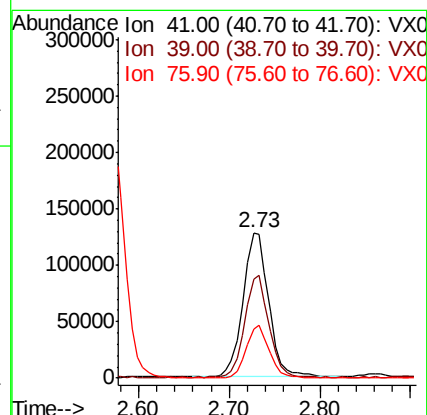
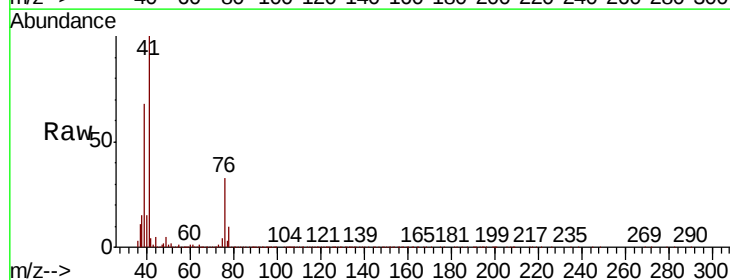
Tgt Ion: 41 Resp: 250632

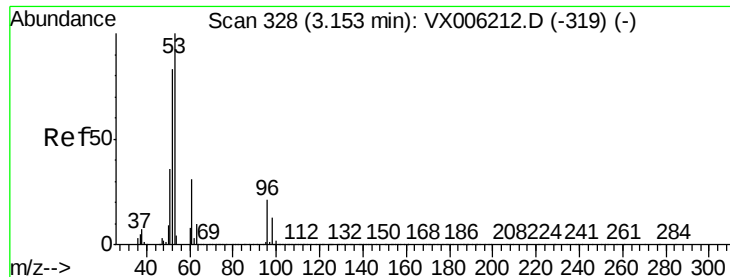
Ion Ratio Lower Upper

41 100

39 66.1 52.4 78.6

76 32.6 25.4 38.0





#15

Acrylonitrile

Concen: 94.640 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

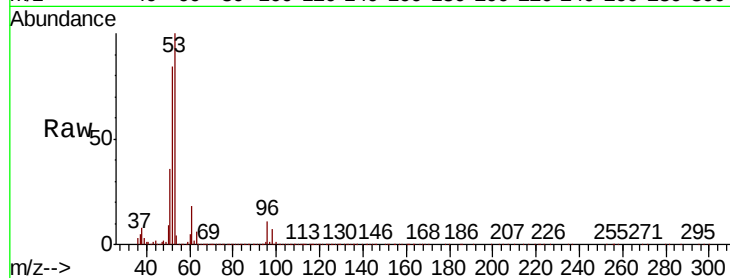
Tot Ion: 53 Resp: 409935

Ion Ratio Lower Upper

53 100

52 83.6 66.2 99.4

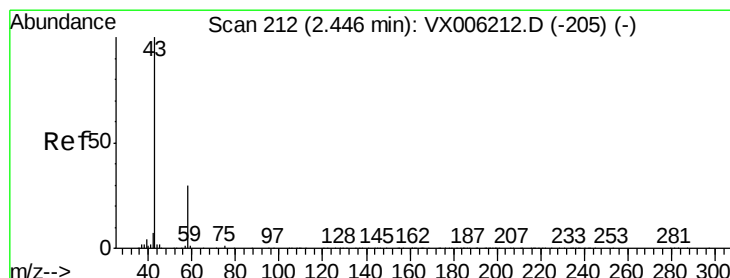
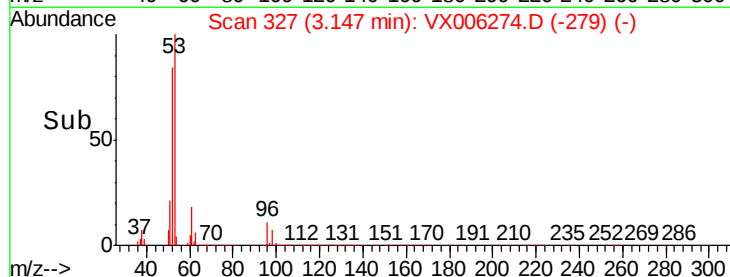
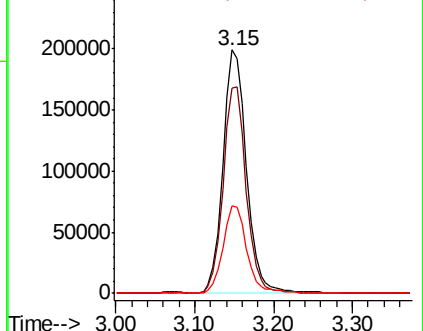
51 36.4 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 97.464 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006274.D

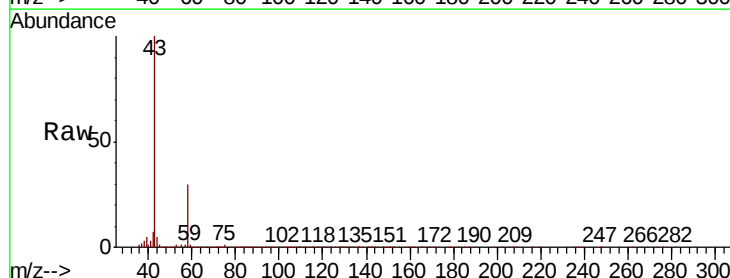
Acq: 04 Dec 2018 13:22

Tgt Ion: 43 Resp: 347163

Ion Ratio Lower Upper

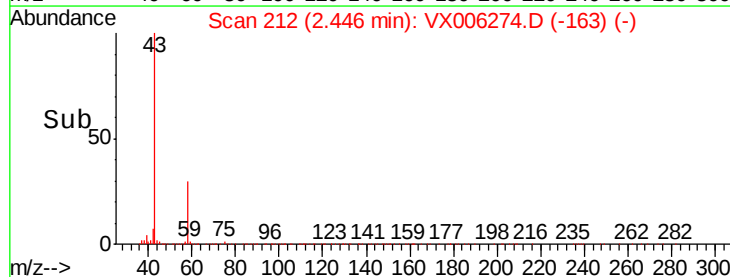
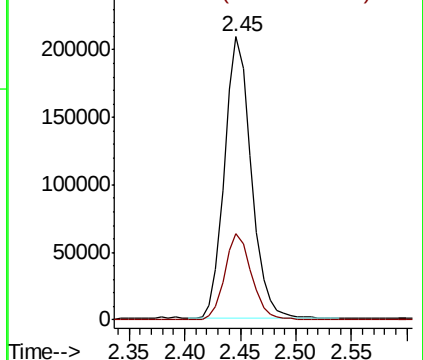
43 100

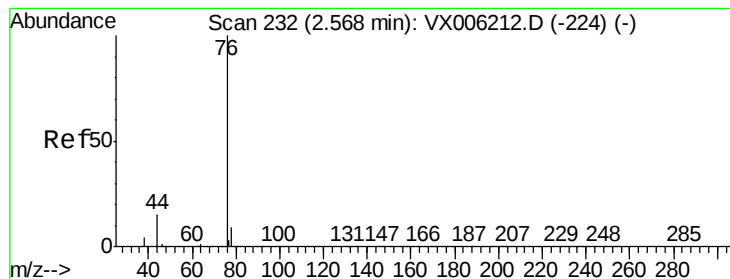
58 30.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.280 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

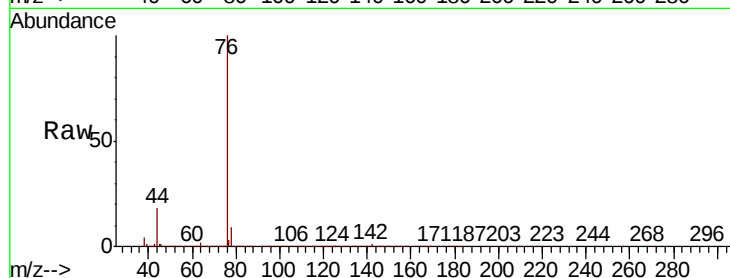
VX1204WBS01

Tot Ion: 76 Resp: 378969

Ion Ratio Lower Upper

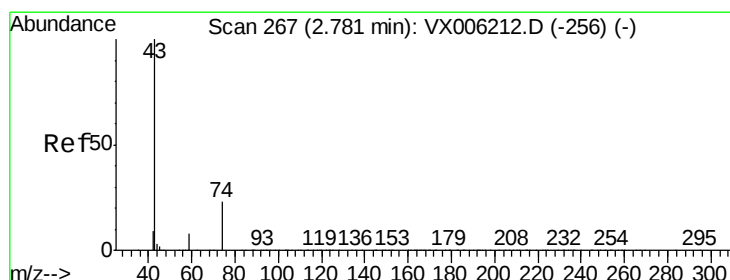
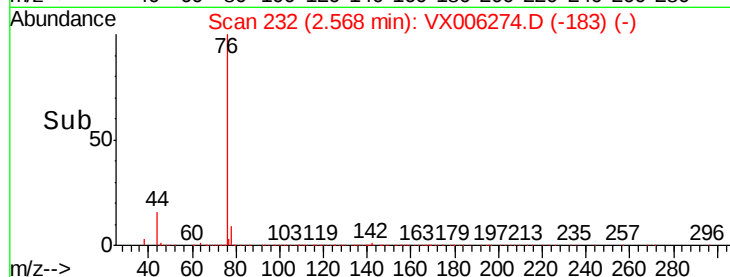
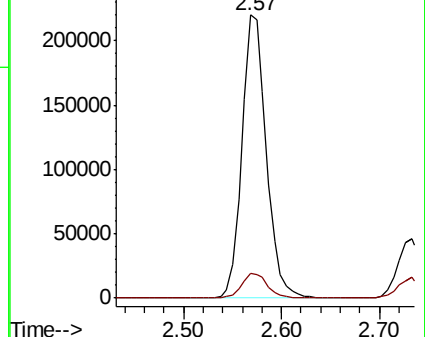
76 100

78 8.8 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: 20.000 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006274.D

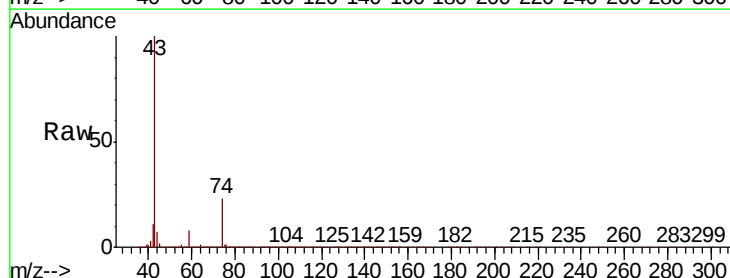
Acq: 04 Dec 2018 13:22

Tgt Ion: 43 Resp: 238240

Ion Ratio Lower Upper

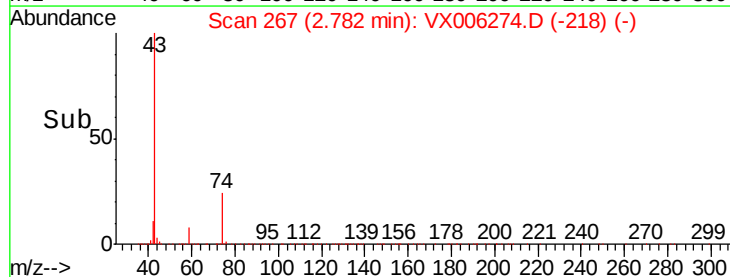
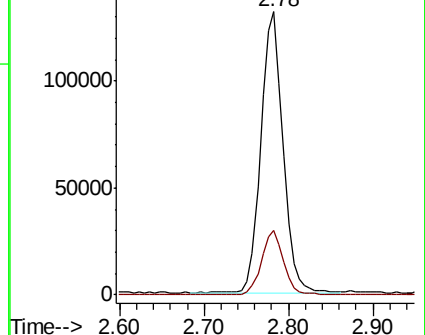
43 100

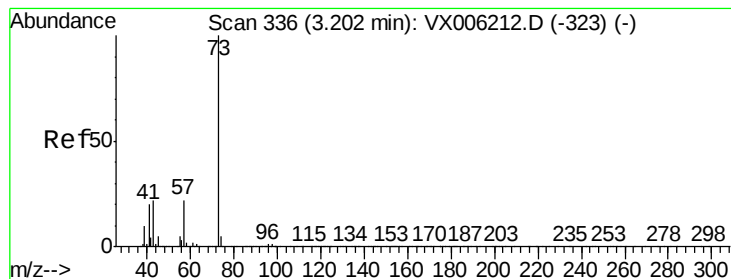
74 22.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



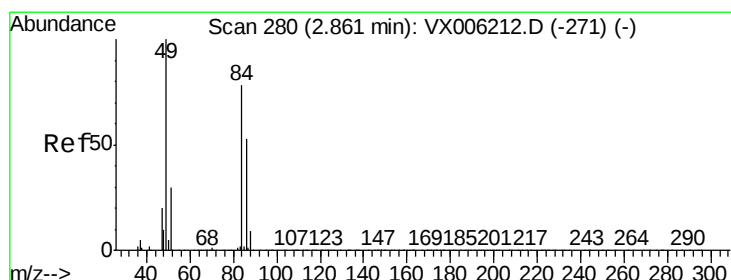
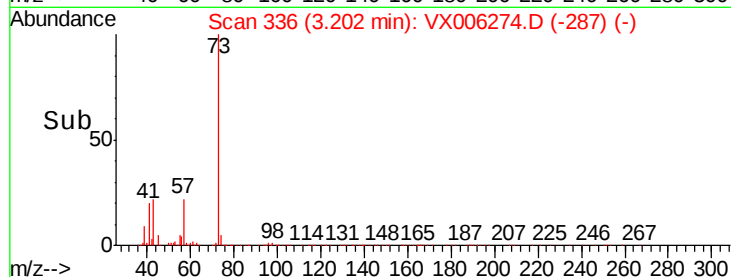
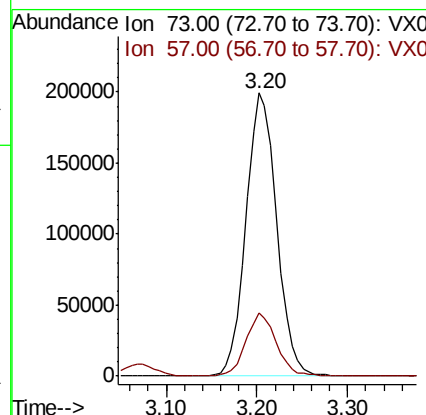
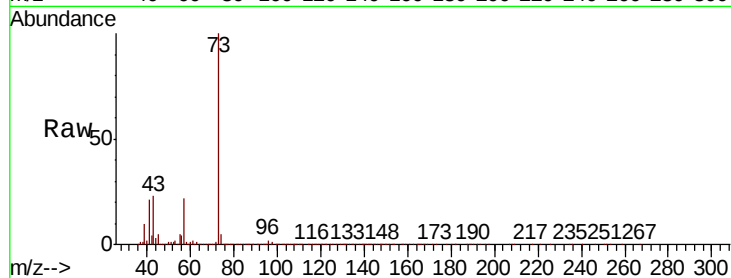


#19

Methyl tert-butyl Ether
 Concen: 19.413 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

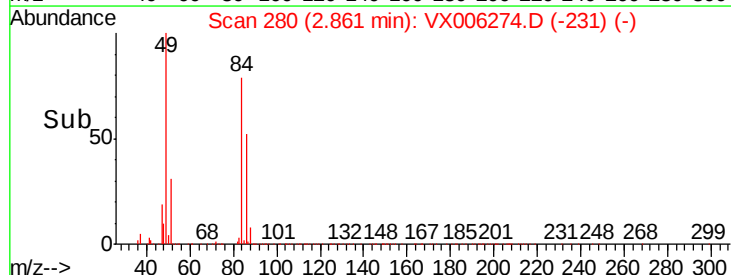
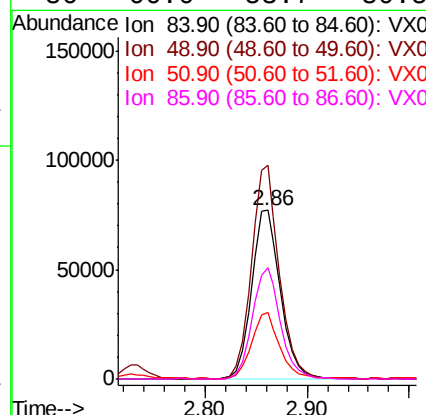
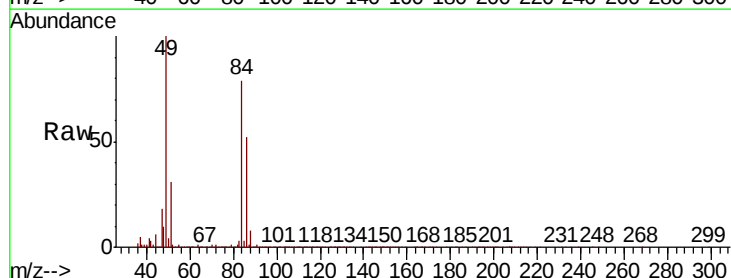
Tot Ion: 73 Resp: 465928
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.5 26.3

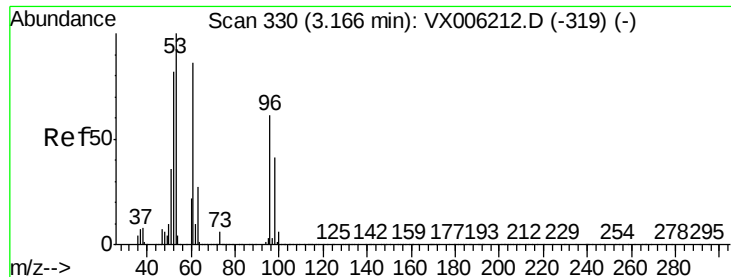


#20

Methylene Chloride
 Concen: 19.881 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion: 84 Resp: 150709
 Ion Ratio Lower Upper
 84 100
 49 126.8 102.2 153.4
 51 39.4 31.1 46.7
 86 66.0 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 19.186 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

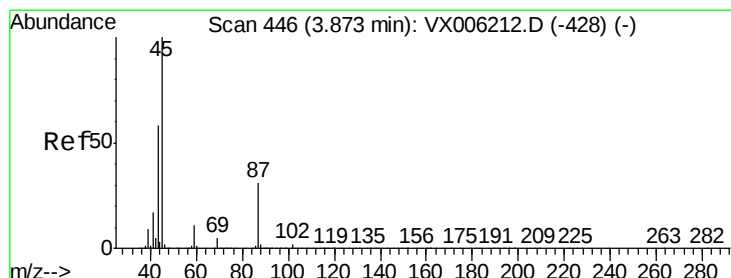
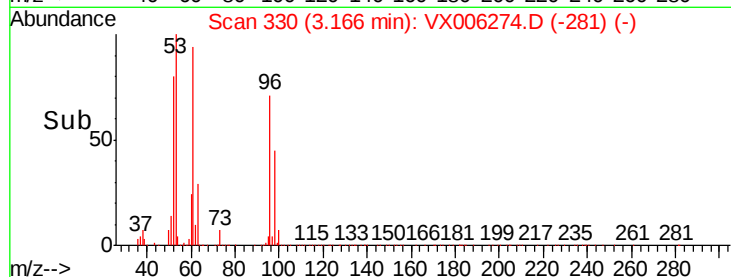
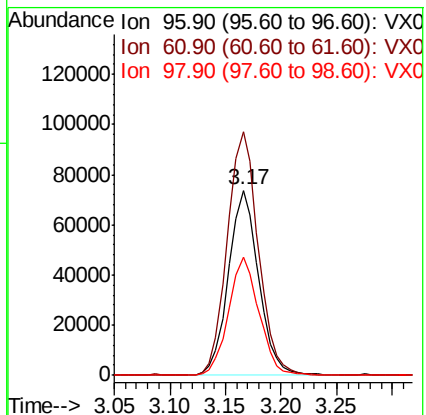
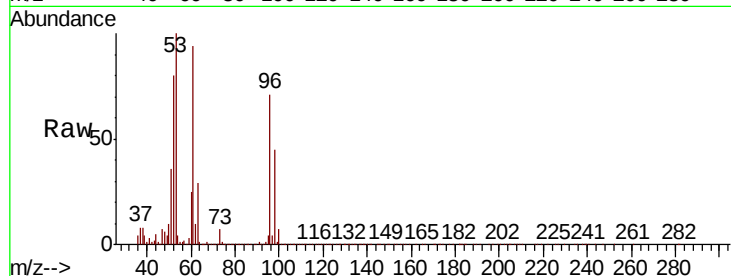
Tot Ion: 96 Resp: 137554

Ion Ratio Lower Upper

96 100

61 131.8 113.3 169.9

98 63.6 53.2 79.8



#22

Diisopropyl ether

Concen: 19.952 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion: 45 Resp: 414180

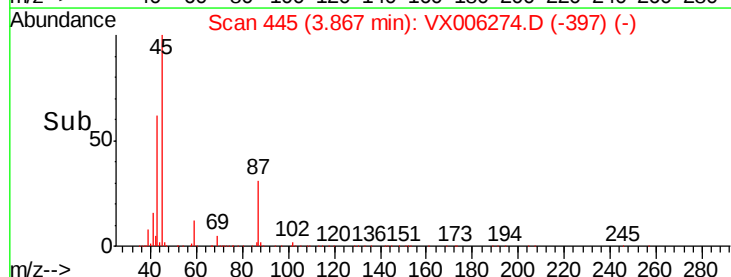
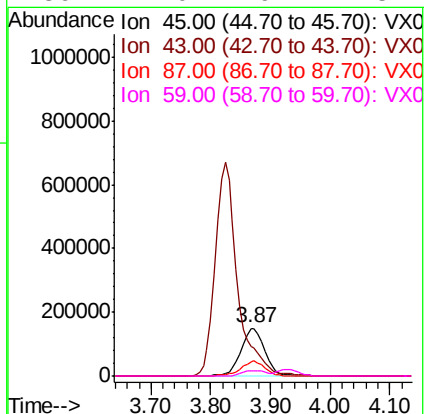
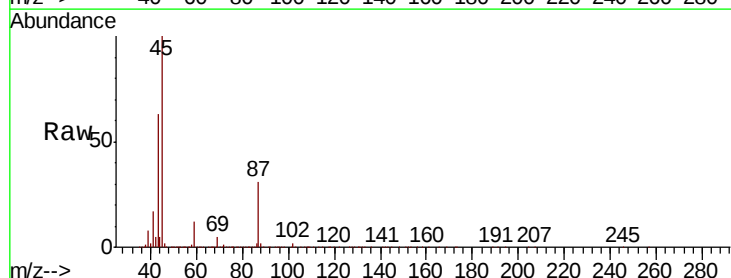
Ion Ratio Lower Upper

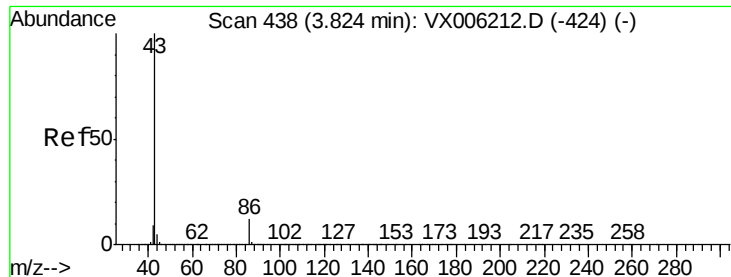
45 100

43 62.4 46.2 69.2

87 31.0 24.9 37.3

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 98.452 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

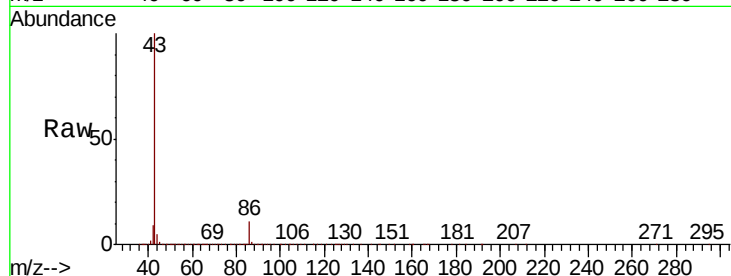
VX1204WBS01

Tot Ion: 43 Resp: 1743117

Ion Ratio Lower Upper

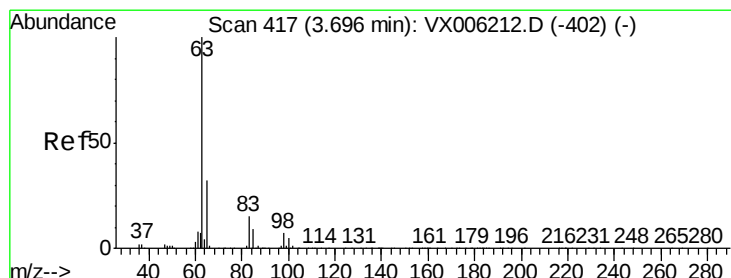
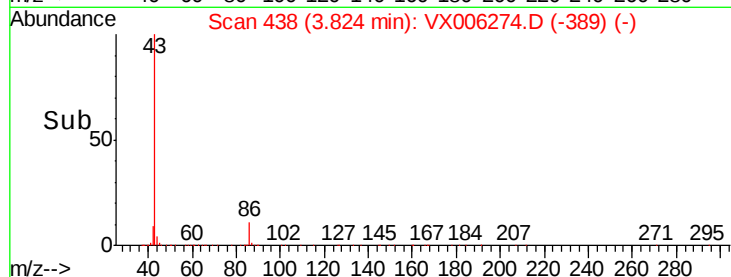
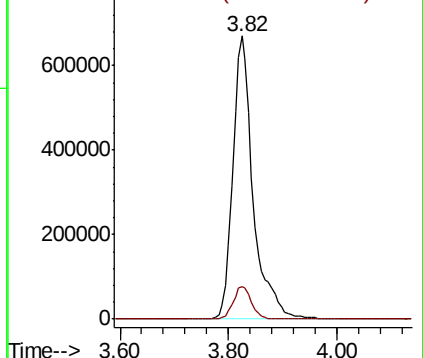
43 100

86 11.4 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: 19.912 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

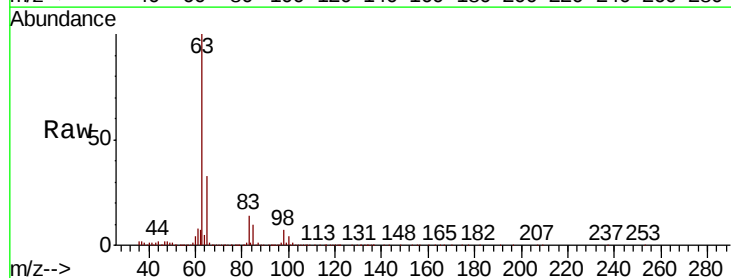
Tgt Ion: 63 Resp: 236253

Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

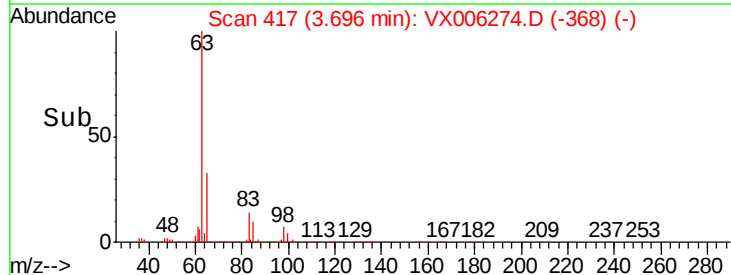
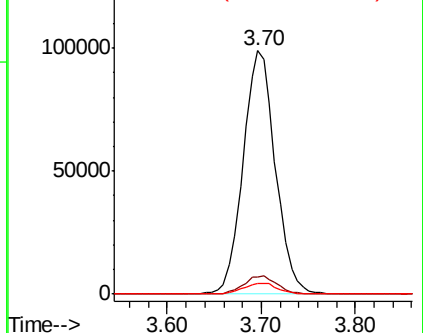
100 4.5 2.5 7.4

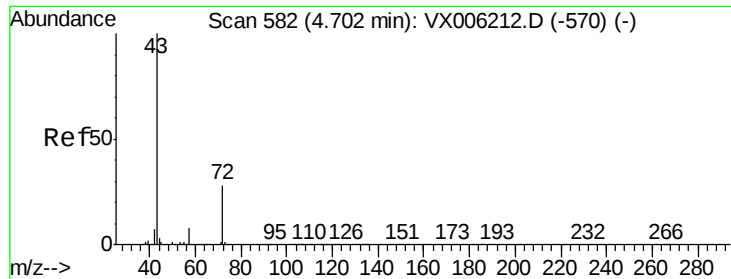


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.560 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

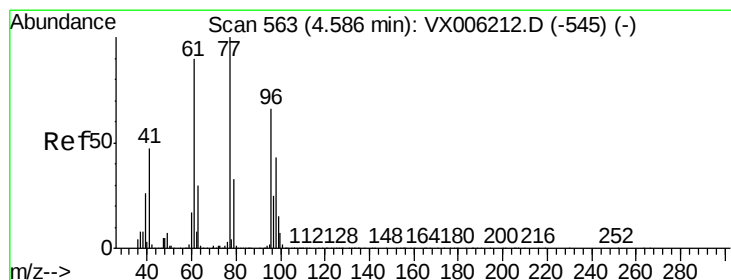
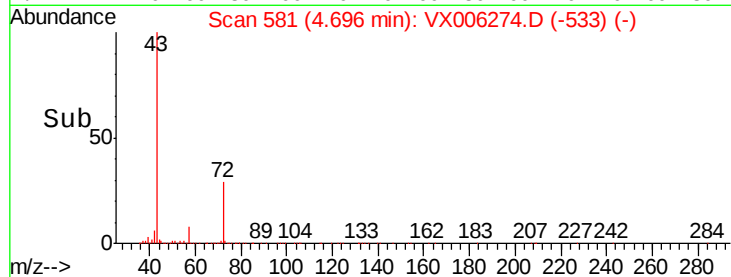
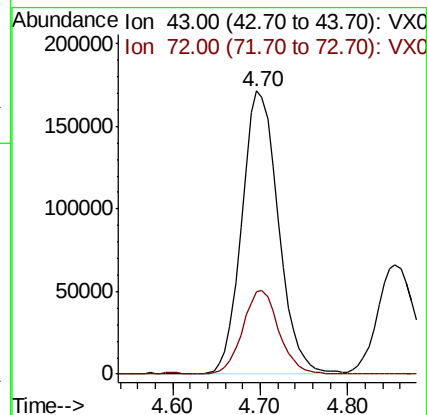
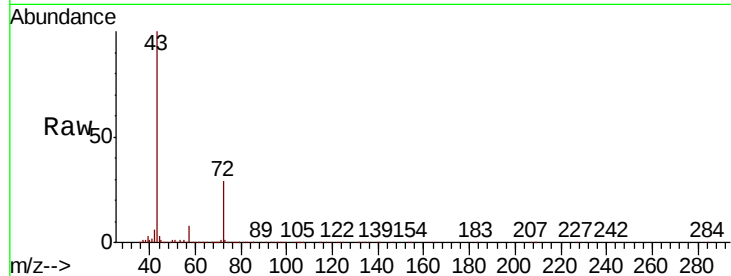
VX1204WBS01

Tot Ion: 43 Resp: 495842

Ion Ratio Lower Upper

43 100

72 29.0 22.6 33.8



#26

2,2-Dichloropropane

Concen: 19.555 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006274.D

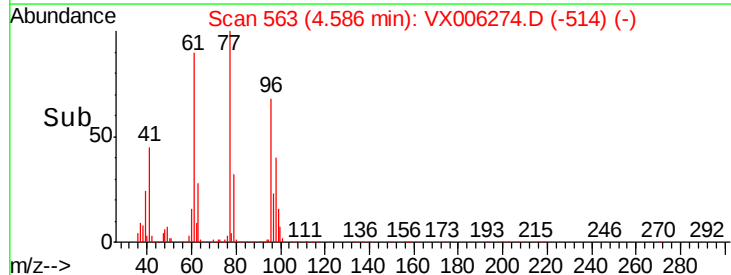
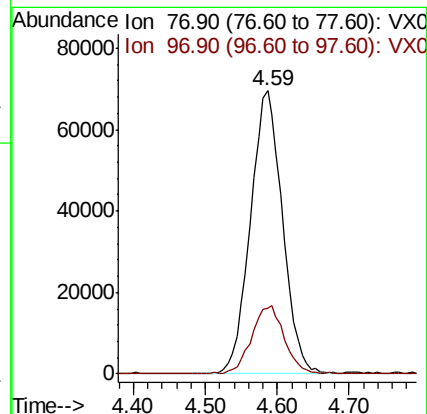
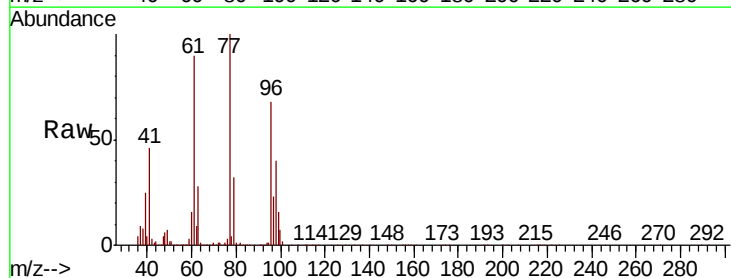
Acq: 04 Dec 2018 13:22

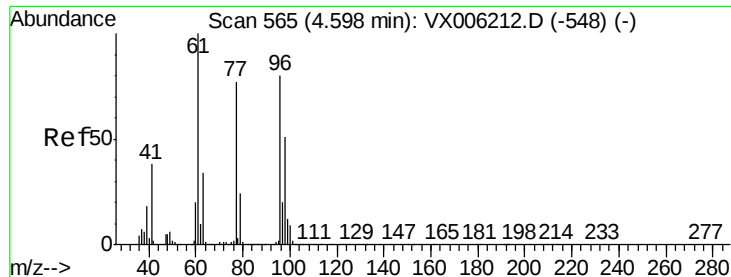
Tgt Ion: 77 Resp: 214123

Ion Ratio Lower Upper

77 100

97 24.6 12.3 36.8



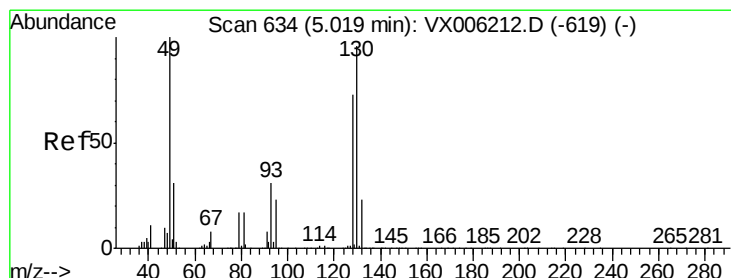
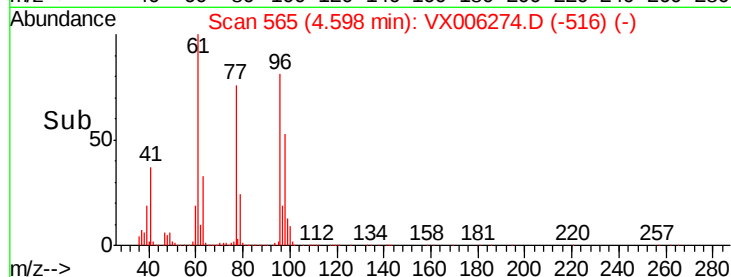
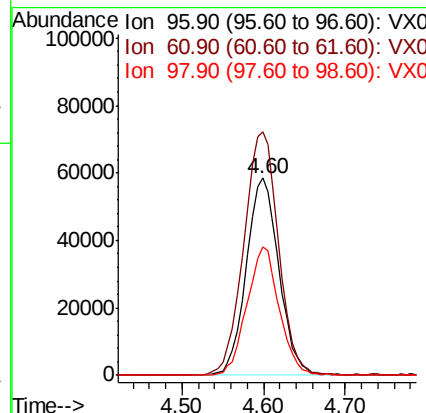
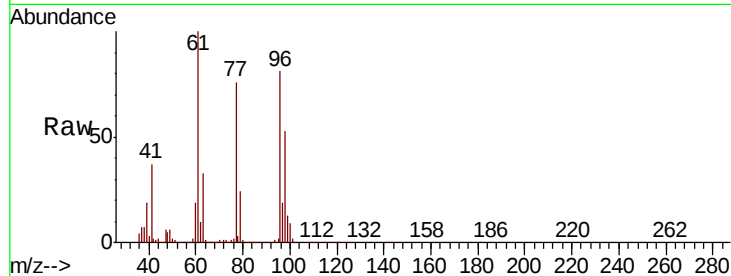


#27

cis-1,2-Dichloroethene
 Concen: 20.380 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

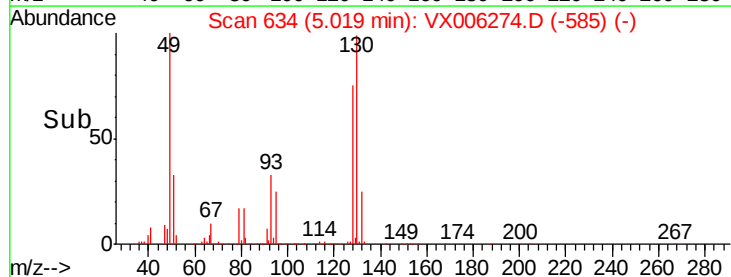
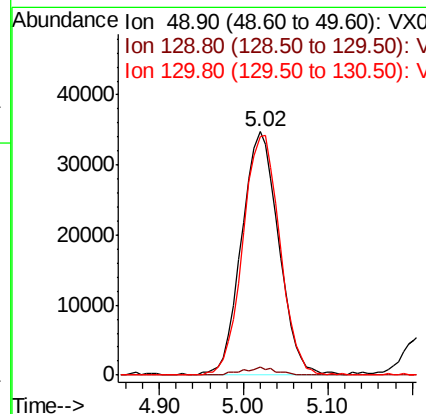
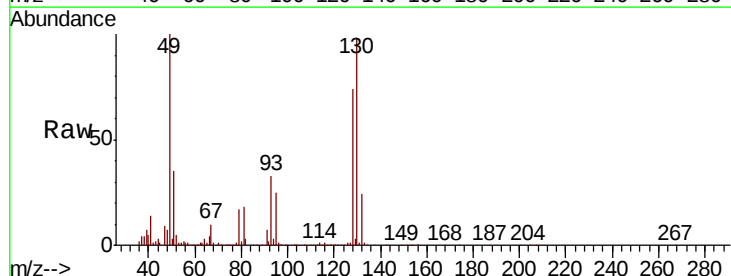
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	265.0
98	64.6	0.0	130.2

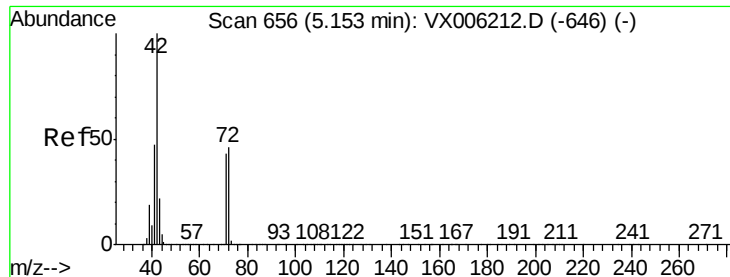


#28

Bromochloromethane
 Concen: 19.931 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	98.9	78.3	117.5





#29

Tetrahydrofuran

Concen: 95.262 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

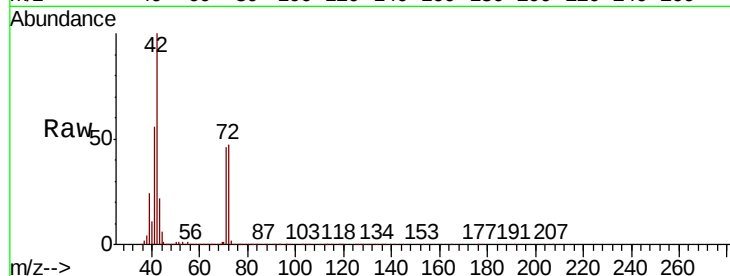
Tot Ion: 42 Resp: 336491

Ion Ratio Lower Upper

42 100

72 48.2 37.8 56.8

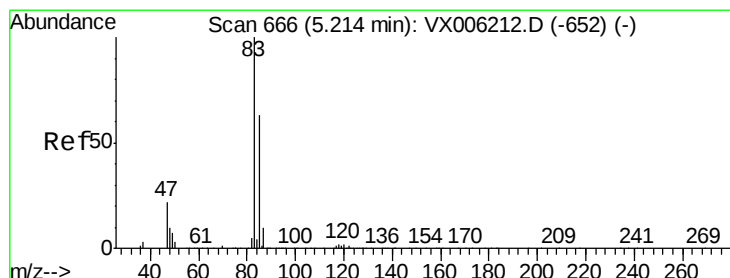
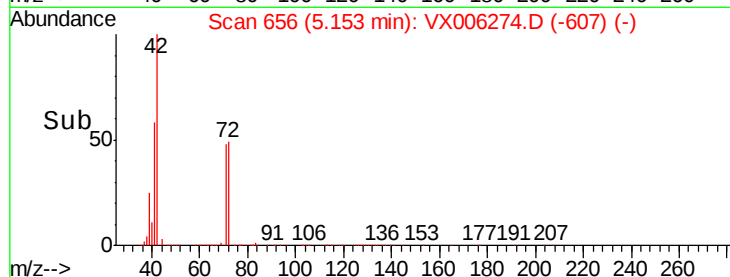
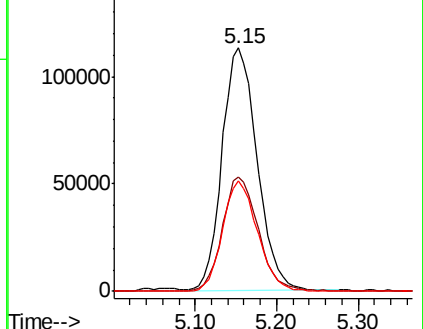
71 45.7 35.2 52.8



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: 20.326 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX006274.D

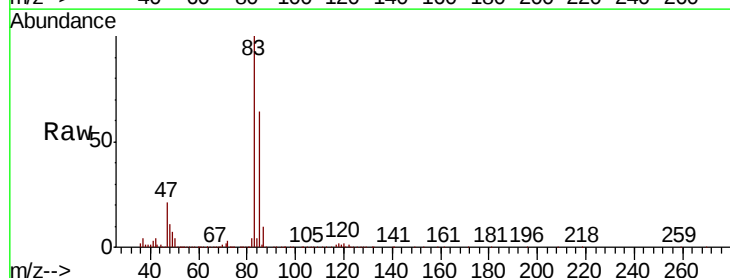
Acq: 04 Dec 2018 13:22

Tgt Ion: 83 Resp: 253437

Ion Ratio Lower Upper

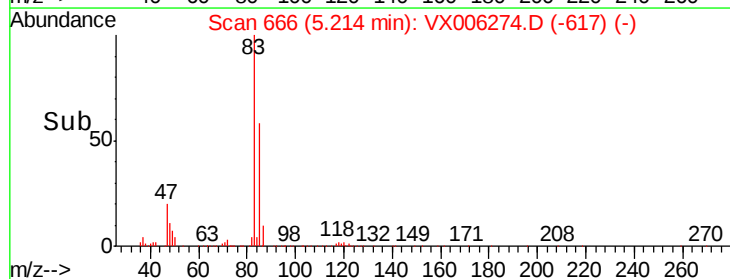
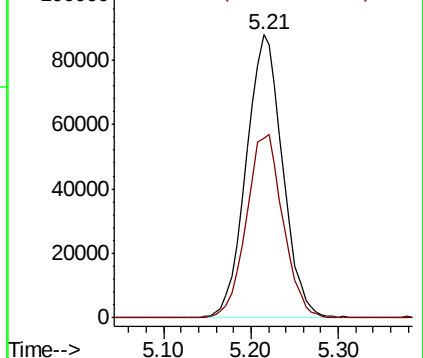
83 100

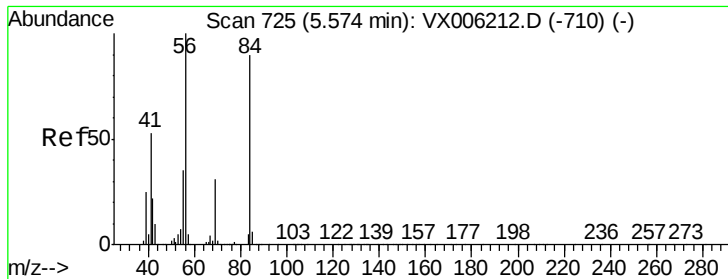
85 63.5 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 19.260 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

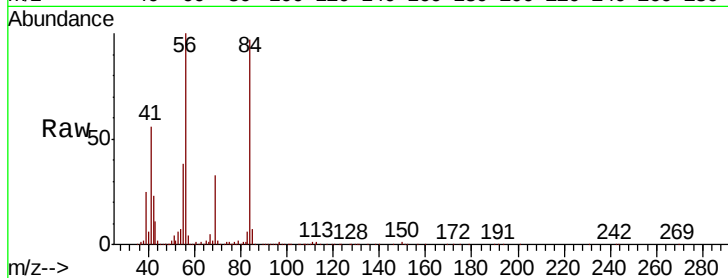
Tot Ion: 56 Resp: 211184

Ion Ratio Lower Upper

56 100

69 32.9 24.5 36.7

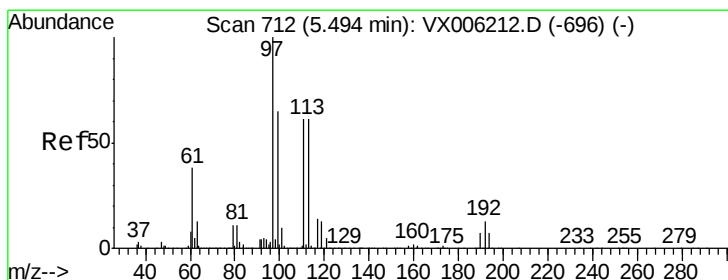
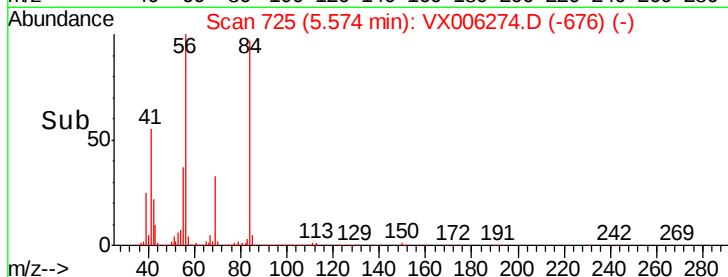
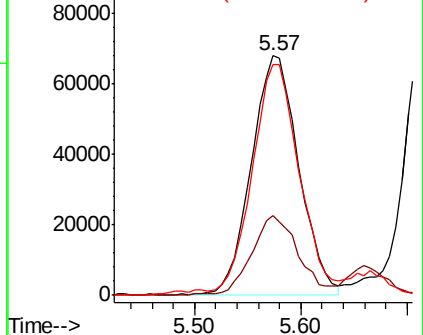
84 95.5 71.8 107.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.690 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

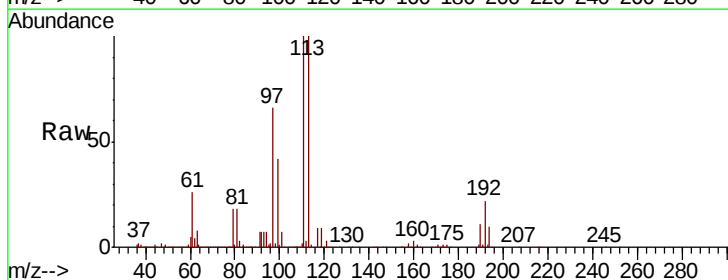
Tgt Ion: 97 Resp: 233588

Ion Ratio Lower Upper

97 100

99 65.9 51.6 77.4

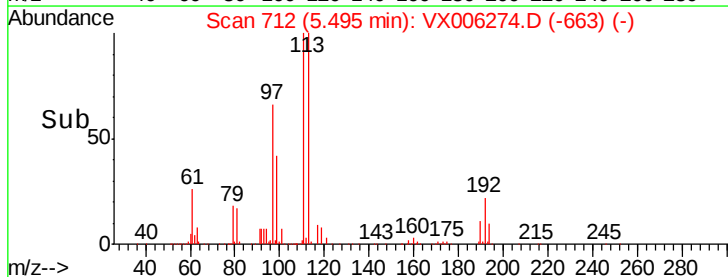
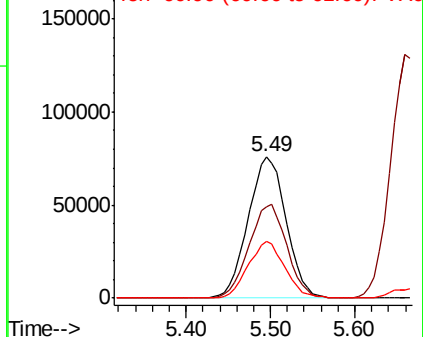
61 38.8 30.6 46.0

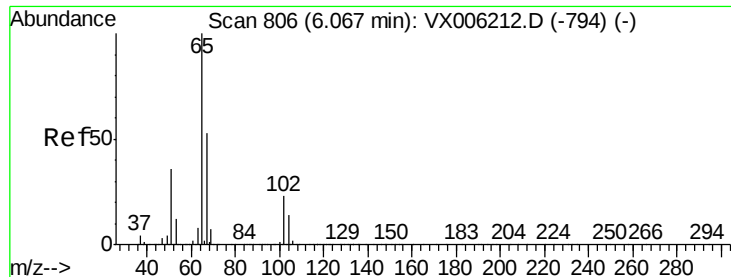


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

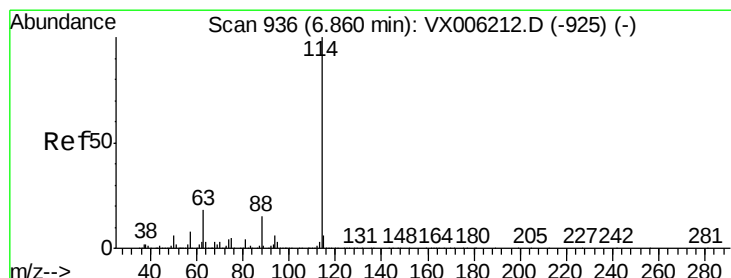
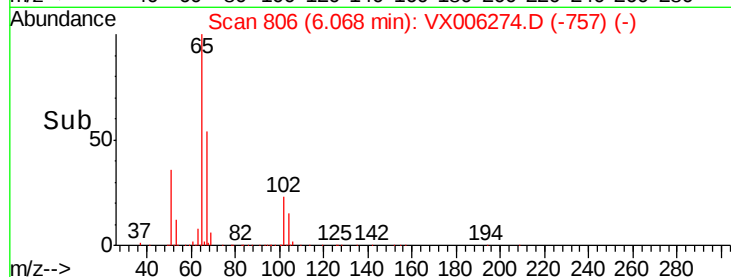
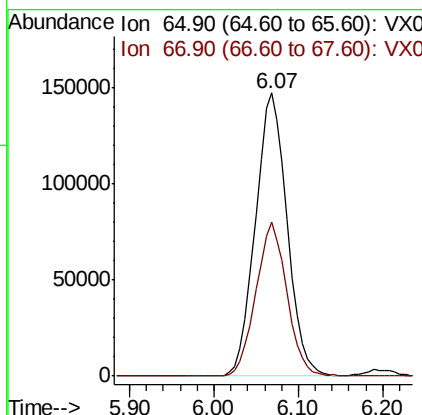
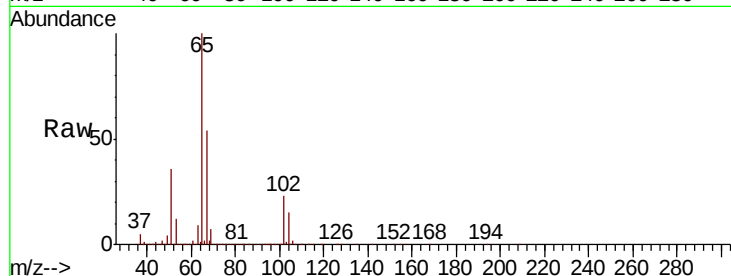




#33
 1,2-Dichloroethane-d4
 Concen: 49.854 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

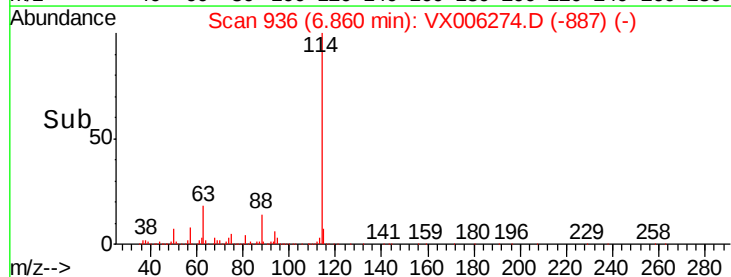
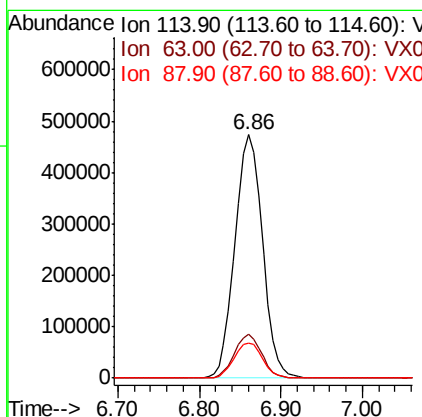
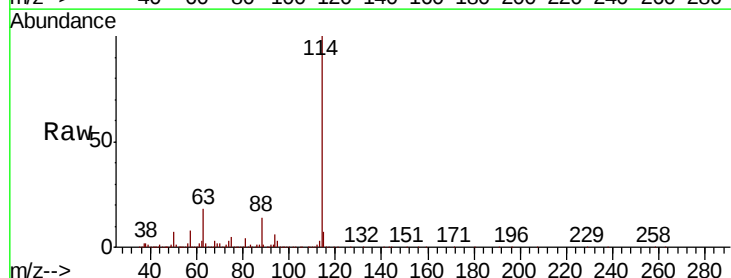
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

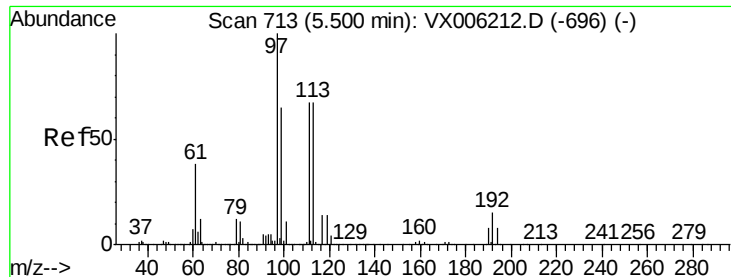
Tot Ion: 65 Resp: 378394
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion: 114 Resp: 1111272
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.6
 88 14.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.167 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

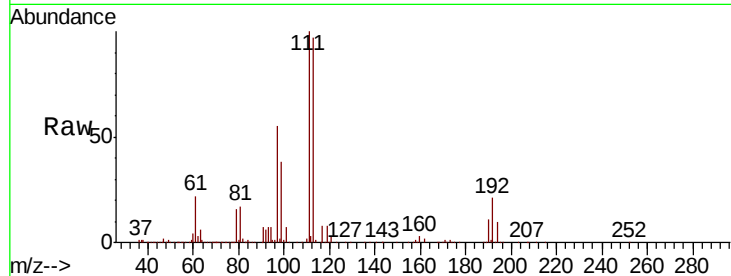
Tot Ion:113 Resp: 360955

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

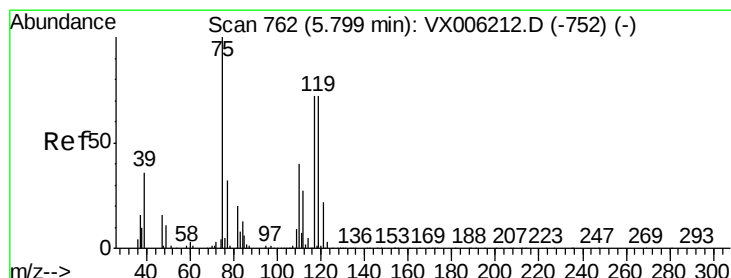
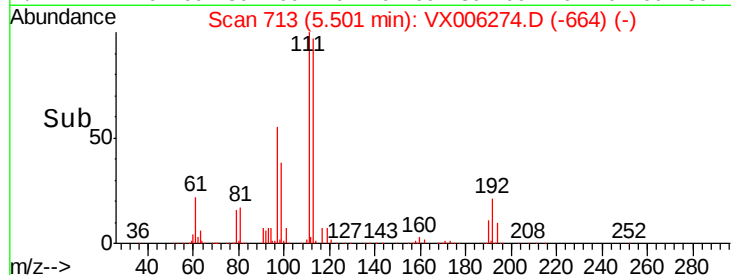
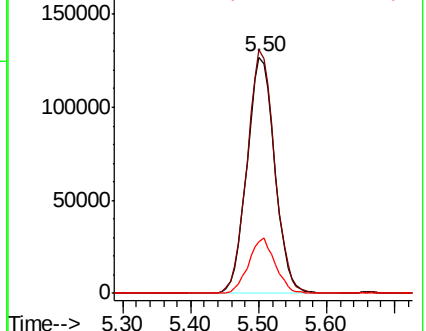
192 22.5 18.2 27.2



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: 19.539 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

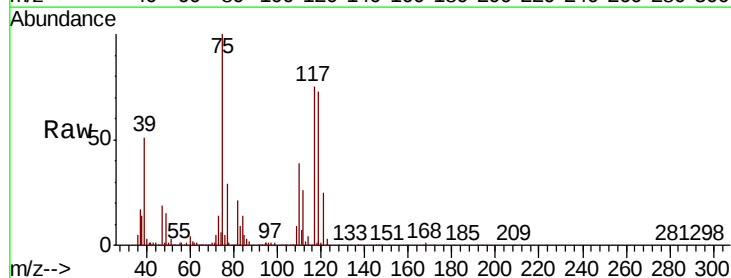
Tgt Ion: 75 Resp: 182844

Ion Ratio Lower Upper

75 100

110 40.9 20.4 61.3

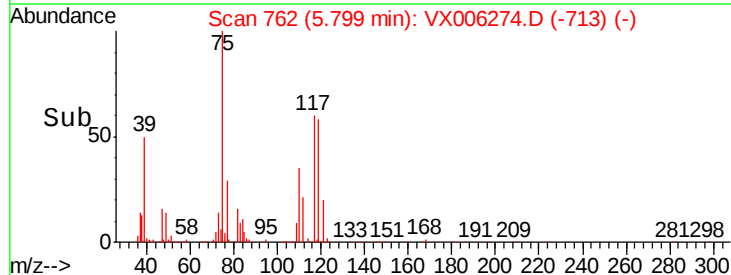
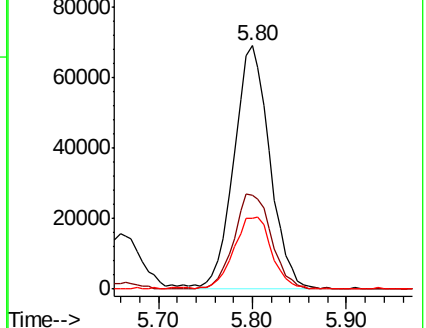
77 30.8 24.9 37.3

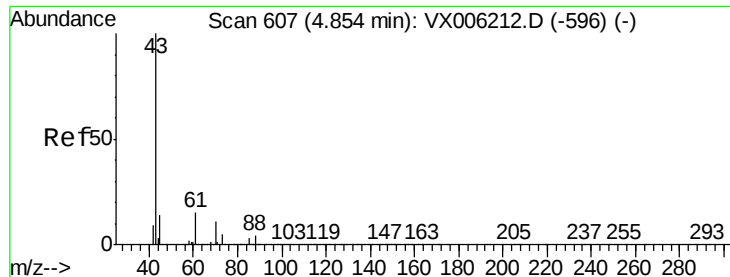


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

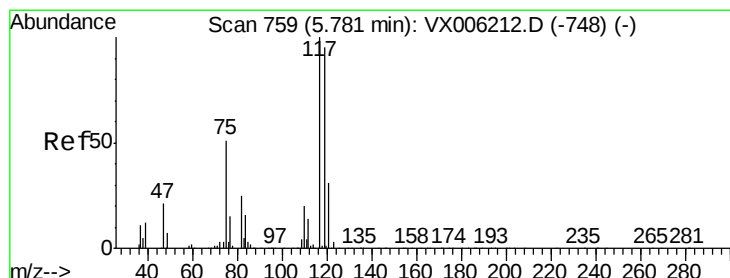
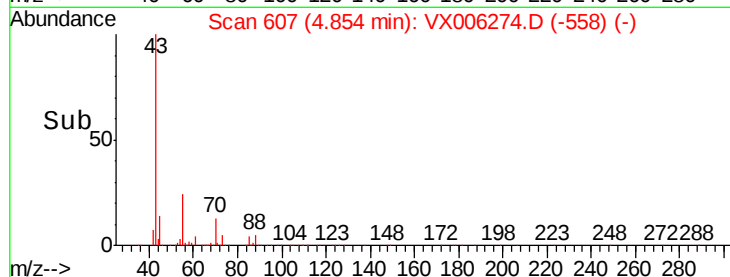
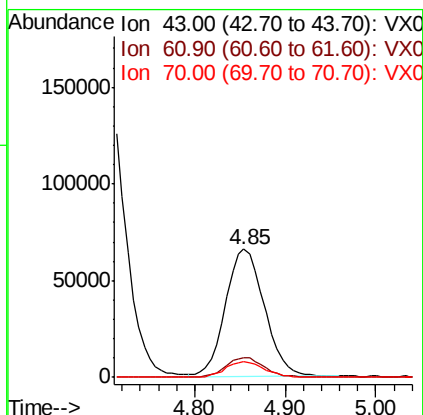
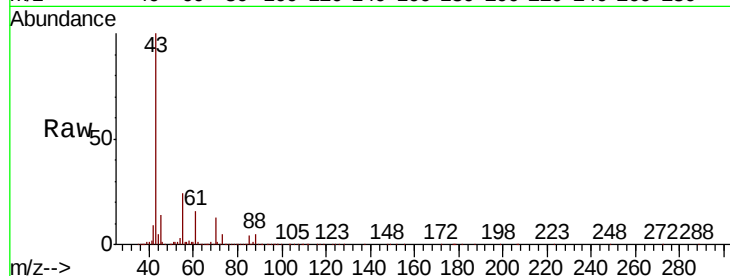




#37
Ethyl Acetate
Concen: 18.716 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

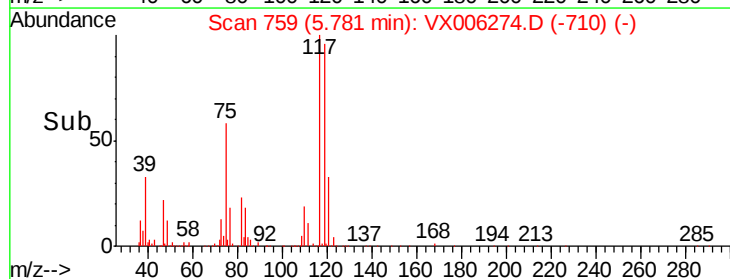
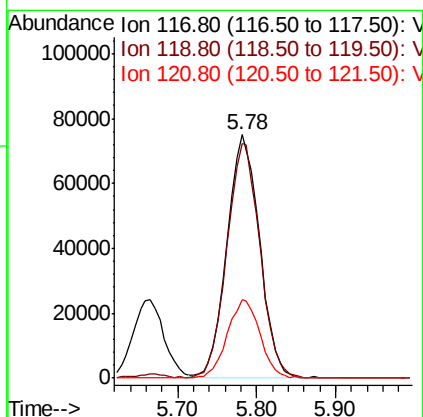
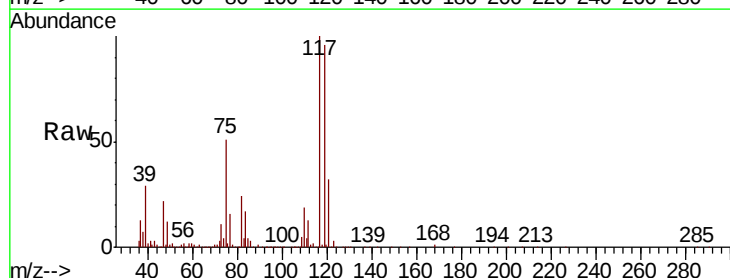
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

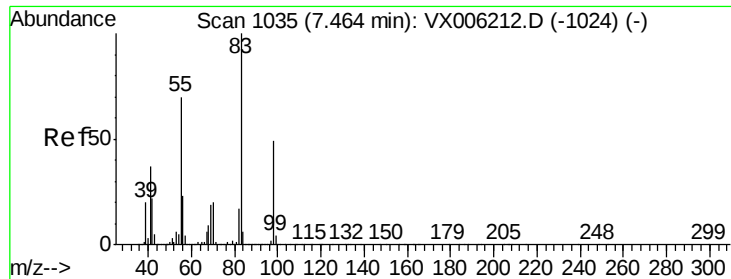
Tot Ion: 43 Resp: 196136
Ion Ratio Lower Upper
43 100
61 15.1 11.5 17.3
70 12.3 9.0 13.6



#38
Carbon Tetrachloride
Concen: 19.581 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 117 Resp: 215569
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 32.1 24.6 37.0

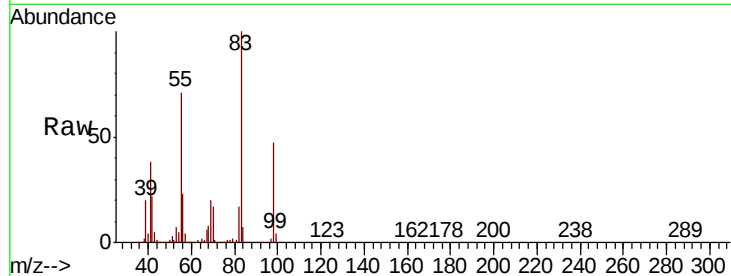




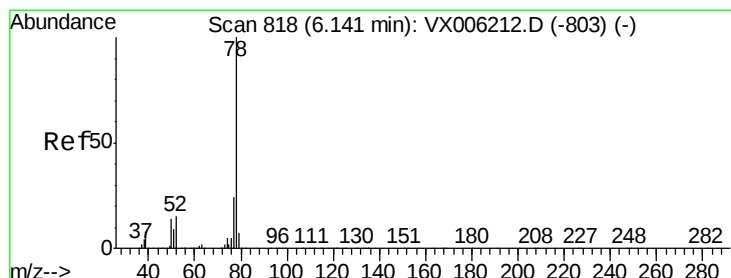
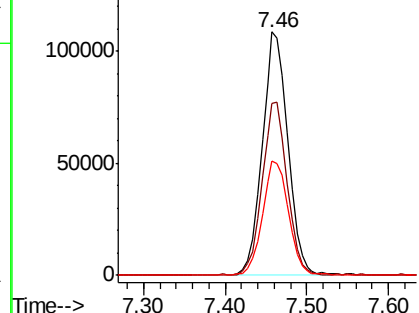
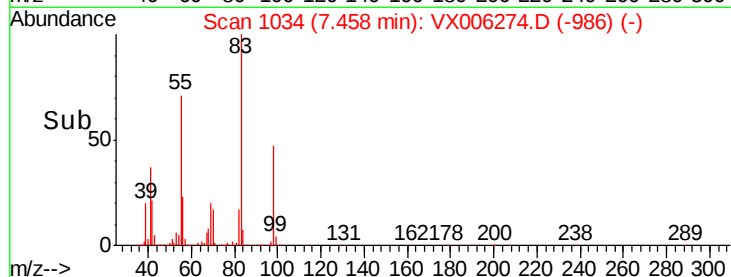
#39
Methvlcvclohexane
Concen: 19.586 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	83	Resp	237918
Ion Ratio	Lower	Upper	
83	100		
55	70.5	56.4	84.6
98	47.0	39.0	58.6

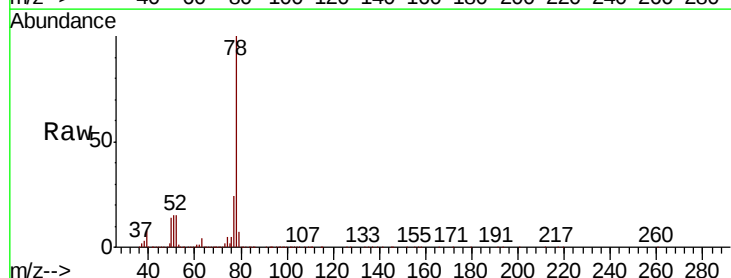


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

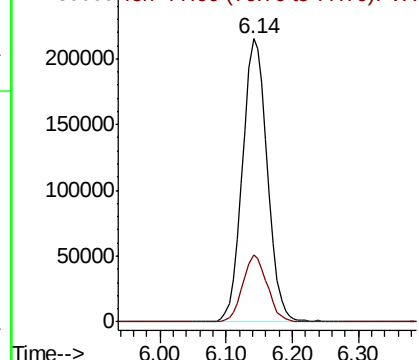
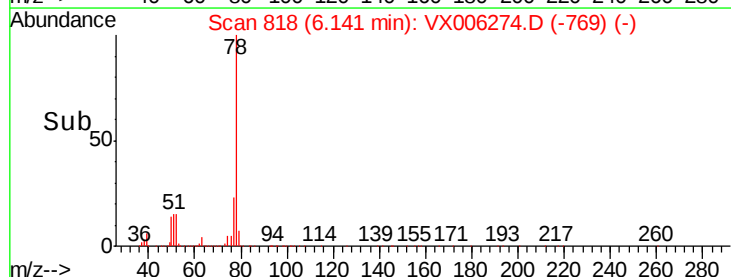


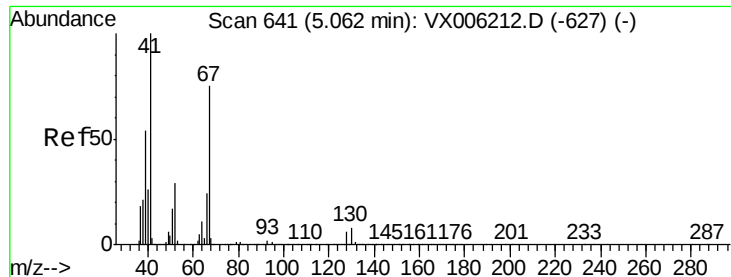
#40
Benzene
Concen: 19.967 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	78	Resp	559647
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.2	28.8



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

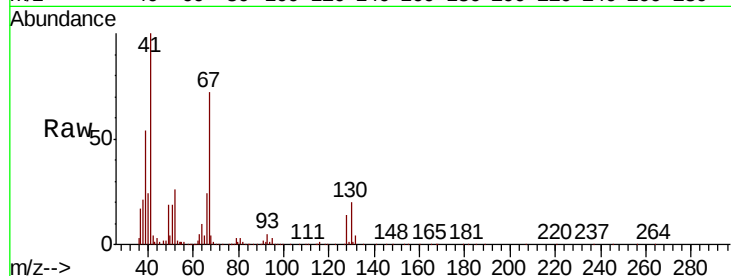




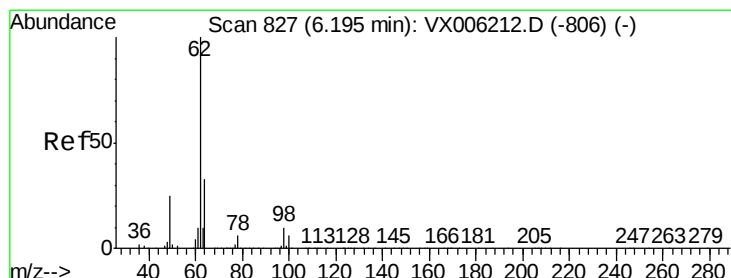
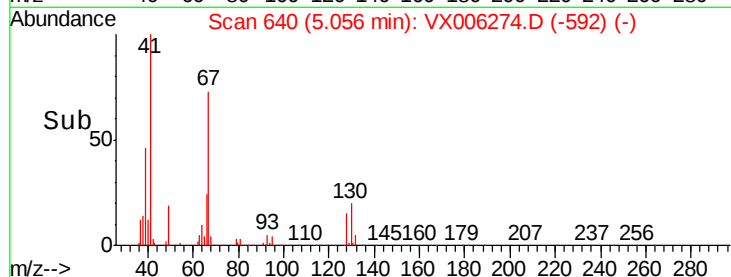
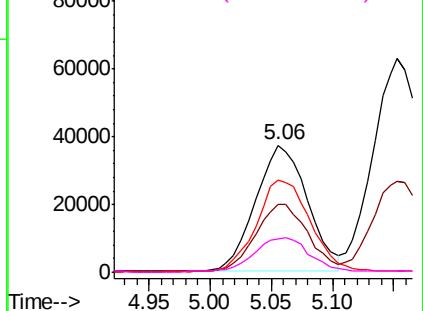
#41
Methacrylonitrile
Concen: 19.013 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion:	41	Resp:	109639
Ion	Ratio	Lower	Upper
41	100		
39	53.8	44.0	66.0
67	75.4	61.4	92.0
52	28.0	23.5	35.3

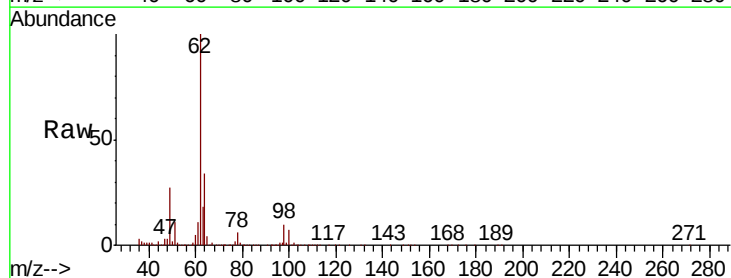


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

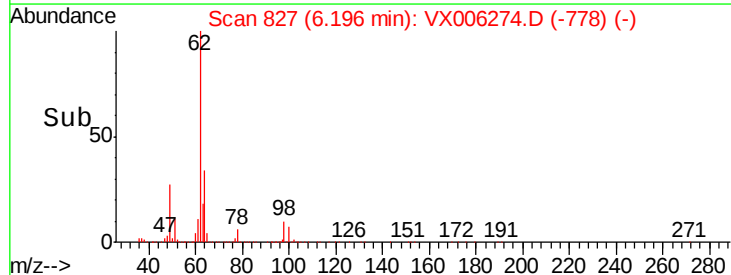
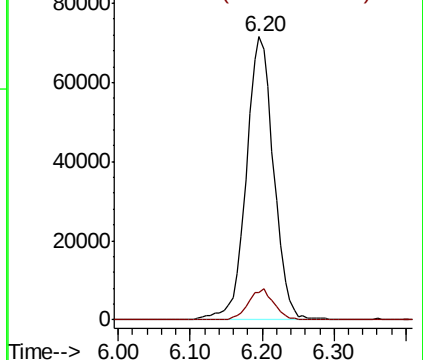


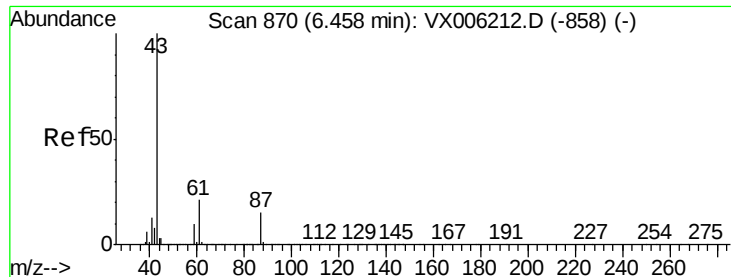
#42
1,2-Dichloroethane
Concen: 20.382 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion:	62	Resp:	186963
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



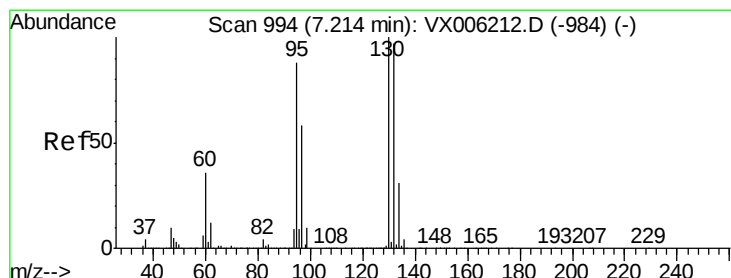
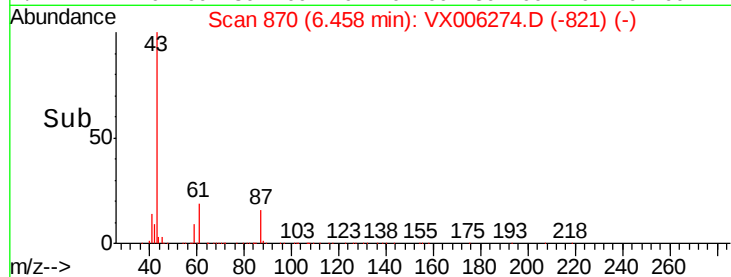
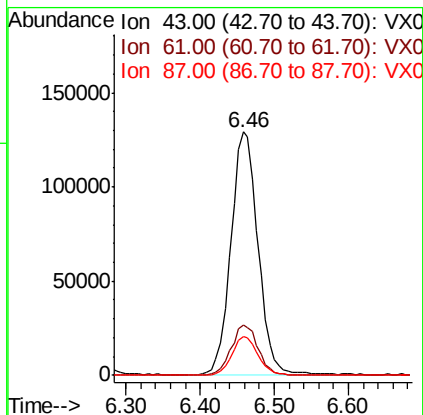
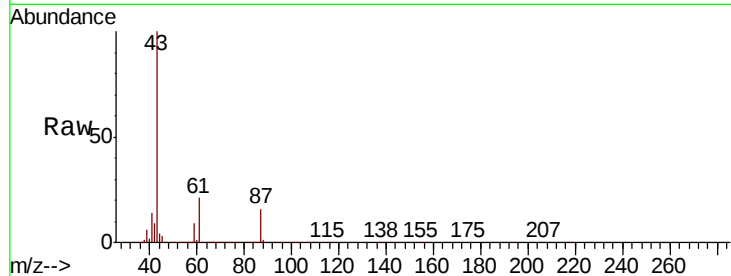


#43

Isopropyl Acetate
 Concen: 18.823 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

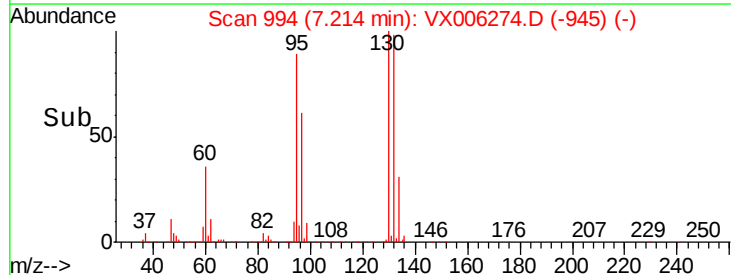
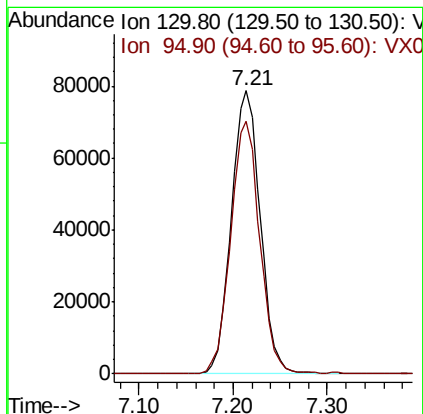
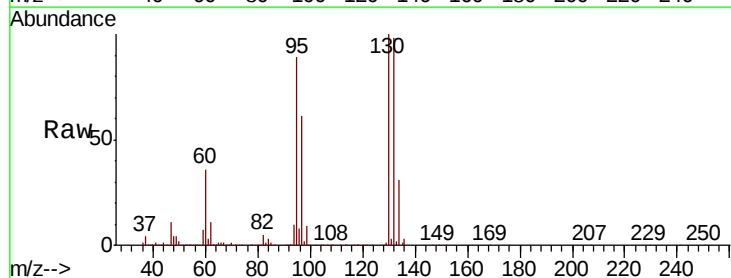
Tot Ion	43	Resp	328892
Ion Ratio	Lower	Upper	
43	100		
61	20.7	16.8	25.2
87	15.5	11.9	17.9

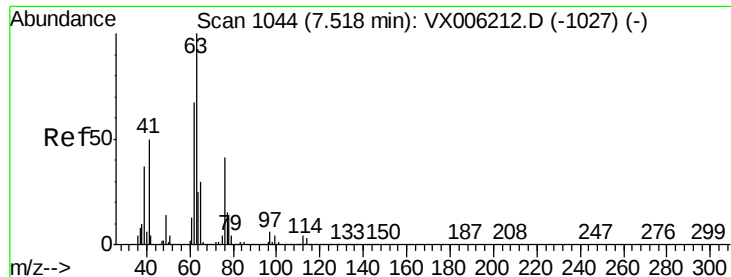


#44

Trichloroethene
 Concen: 19.824 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	130	Resp	168322
Ion Ratio	Lower	Upper	
130	100		
95	89.3	0.0	175.8





#45

1,2-Dichloropropane

Concen: 19.380 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

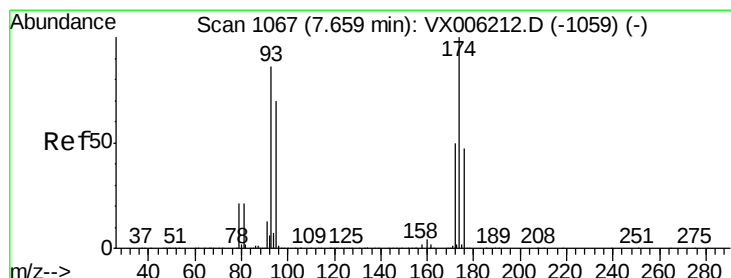
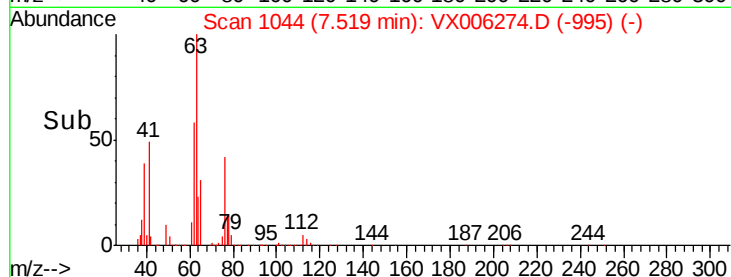
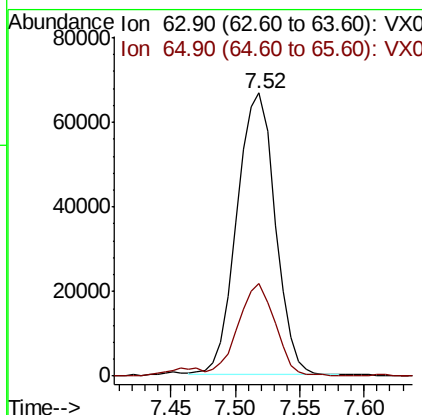
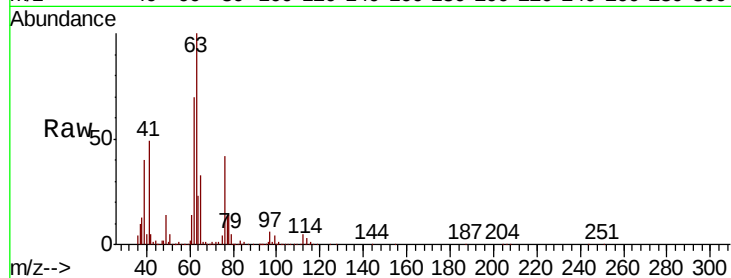
VX1204WBS01

Tot Ion: 63 Resp: 138054

Ion Ratio Lower Upper

63 100

65 32.8 24.3 36.5



#46

Dibromomethane

Concen: 19.891 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

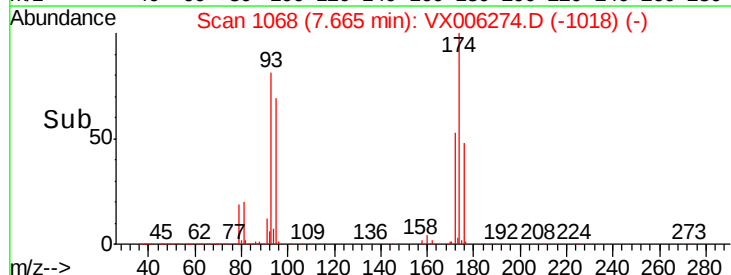
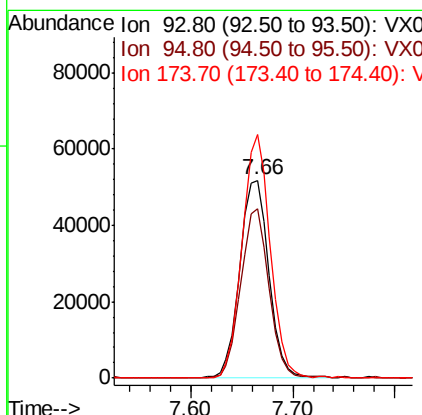
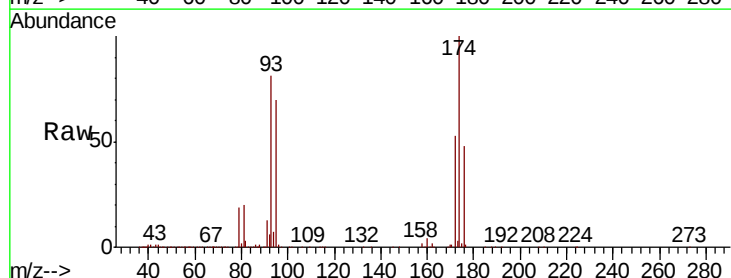
Tgt Ion: 93 Resp: 102335

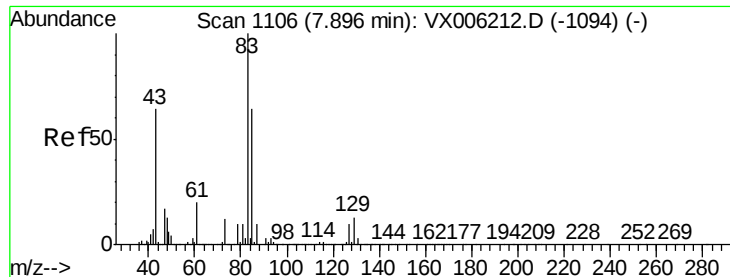
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 119.9 97.2 145.8





#47

Bromodichloromethane

Concen: 19.882 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

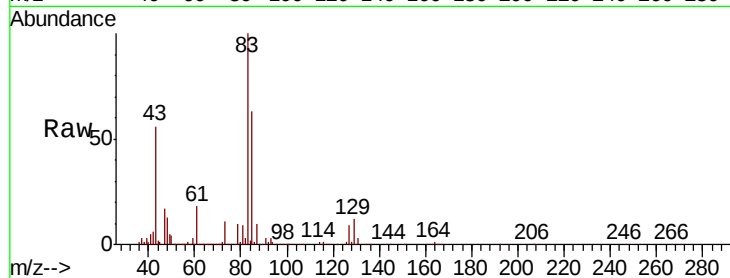
Tot Ion: 83 Resp: 198077

Ion Ratio Lower Upper

83 100

85 62.5 51.4 77.0

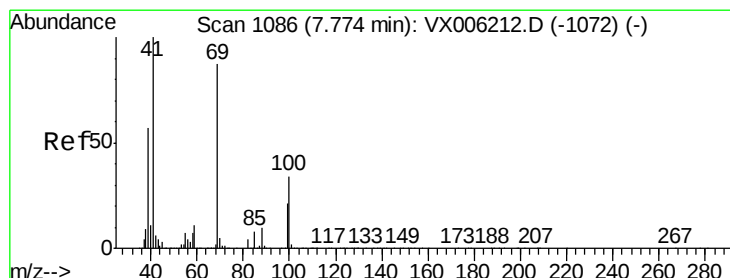
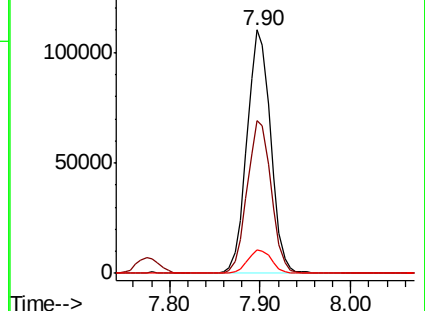
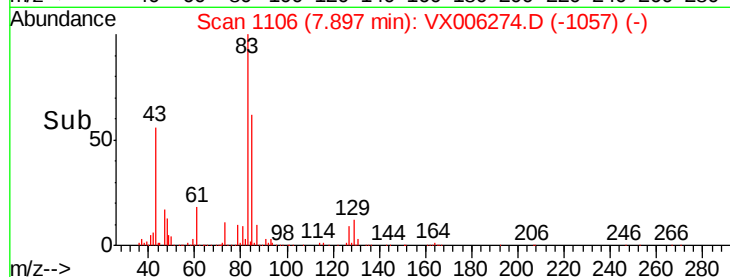
127 9.5 7.9 11.9



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): V



#48

Methyl methacrylate

Concen: 18.882 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

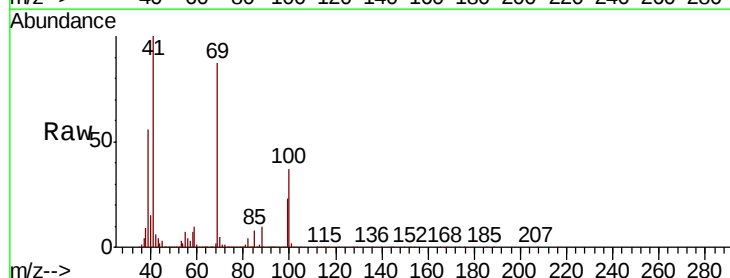
Tgt Ion: 41 Resp: 160501

Ion Ratio Lower Upper

41 100

69 89.3 70.3 105.5

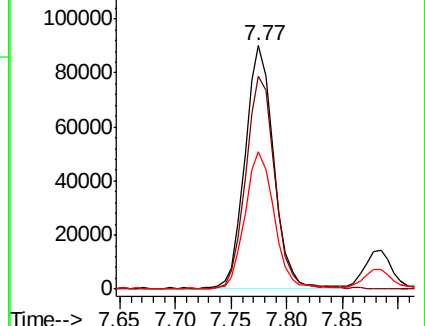
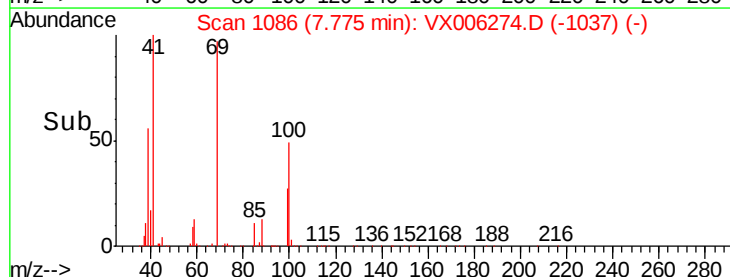
39 57.1 45.3 67.9

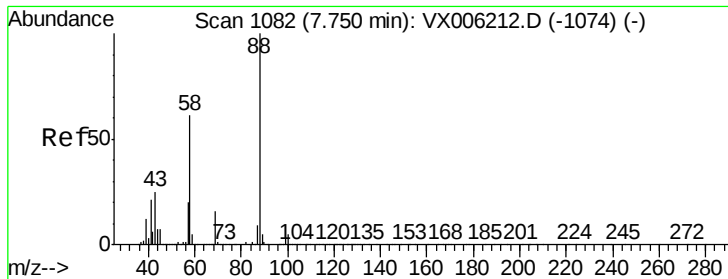


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 379.020 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

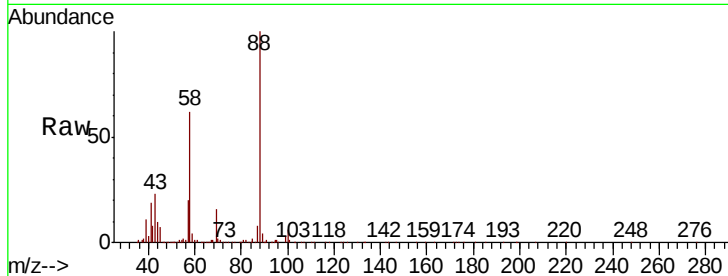
MSVOA_X

ClientSampleId :

VX1204WBS01

Tot Ion: 88 Resp: 79406

Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.2	34.8
58	62.1	51.4	77.0

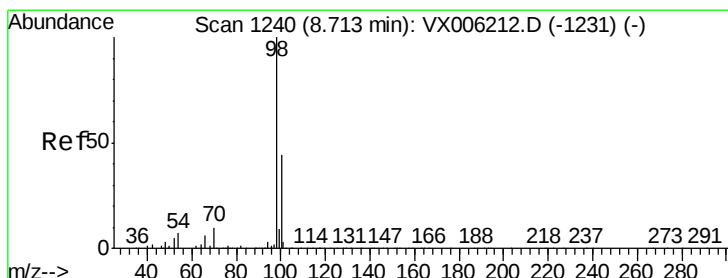
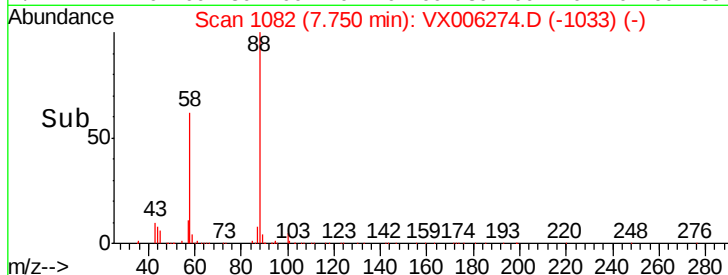
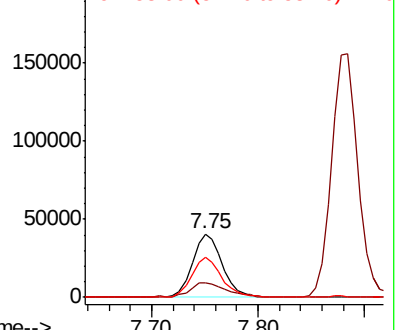


Abundance

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



#50

Toluene-d8

Concen: 49.650 ug/l

RT: 8.71 min Scan# 1240

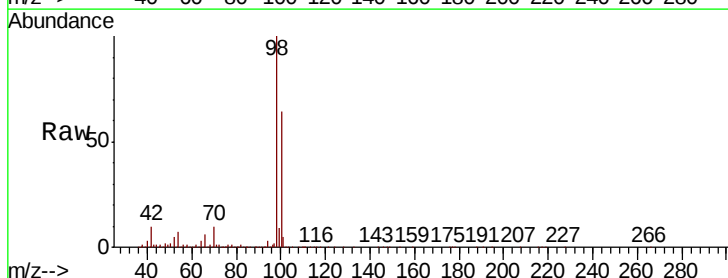
Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion: 98 Resp: 1299424

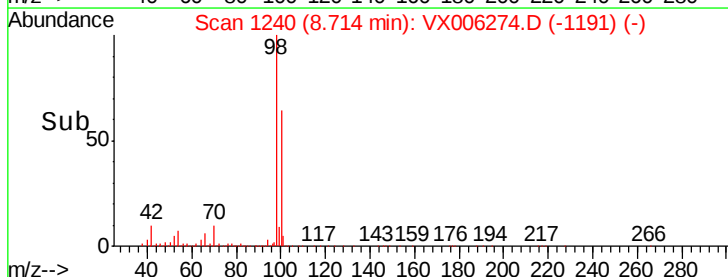
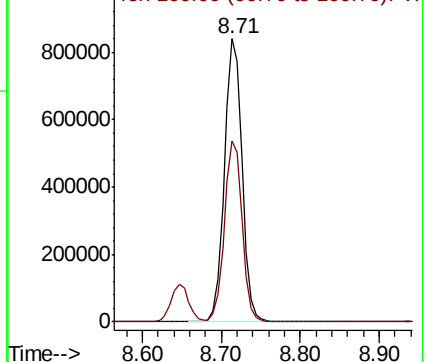
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.2	78.2

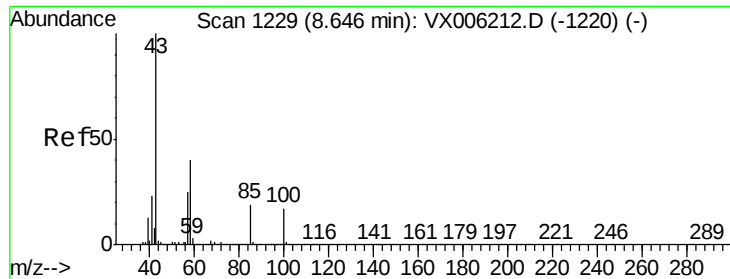


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 96.063 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

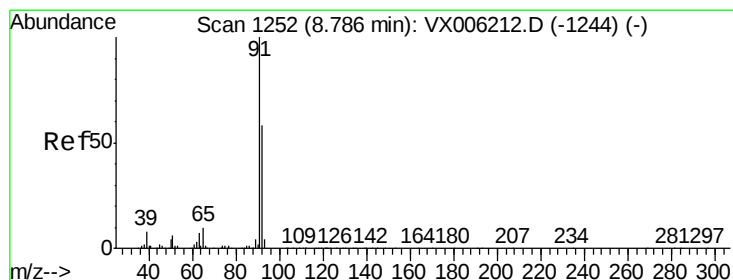
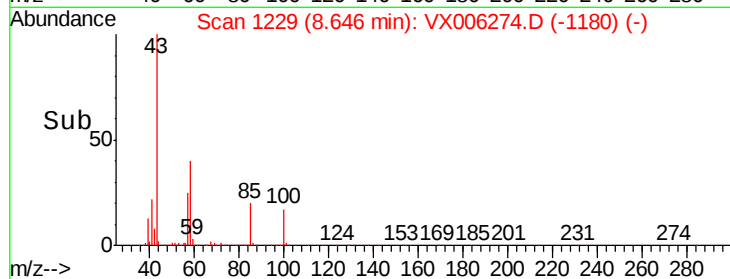
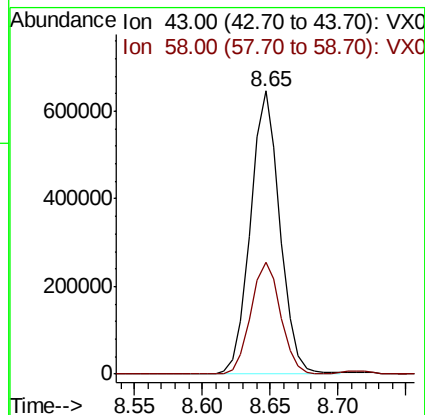
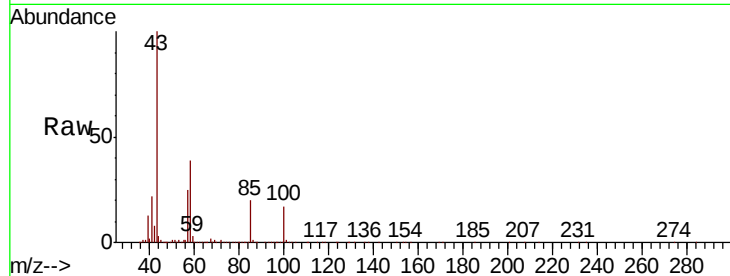
VX1204WBS01

Tot Ion: 43 Resp: 977123

Ion Ratio Lower Upper

43 100

58 40.5 31.3 46.9



#52

Toluene

Concen: 19.785 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006274.D

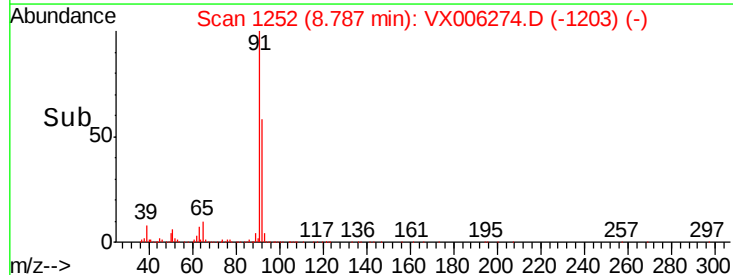
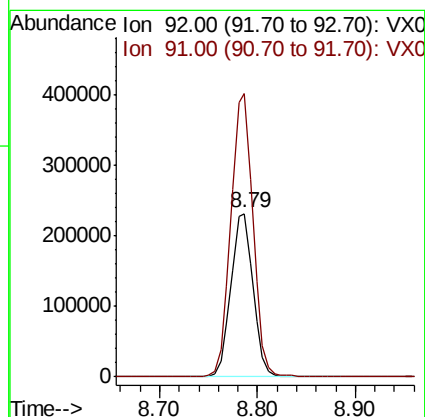
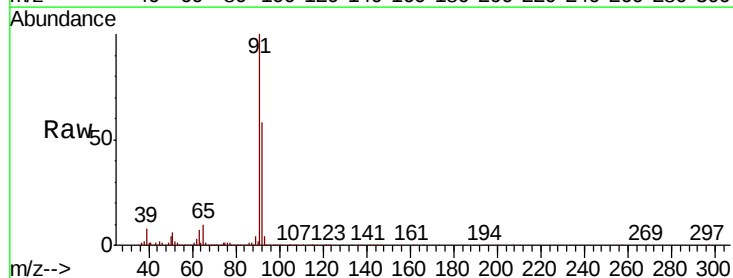
Acq: 04 Dec 2018 13:22

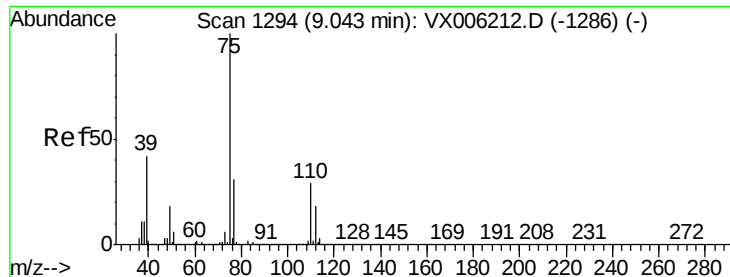
Tgt Ion: 92 Resp: 364824

Ion Ratio Lower Upper

92 100

91 173.1 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 18.850 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

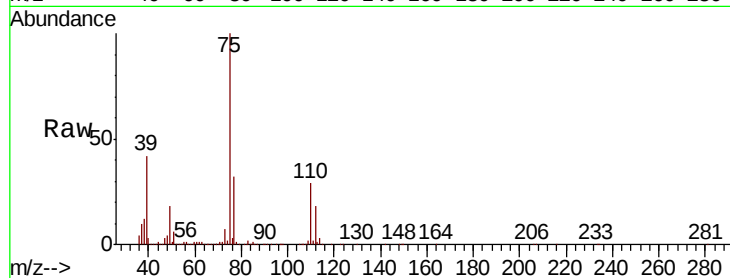
VX1204WBS01

Tot Ion: 75 Resp: 219633

Ion Ratio Lower Upper

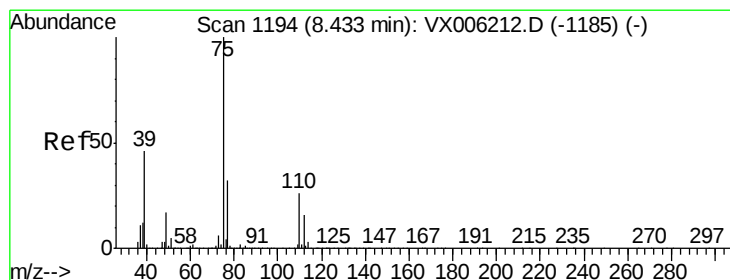
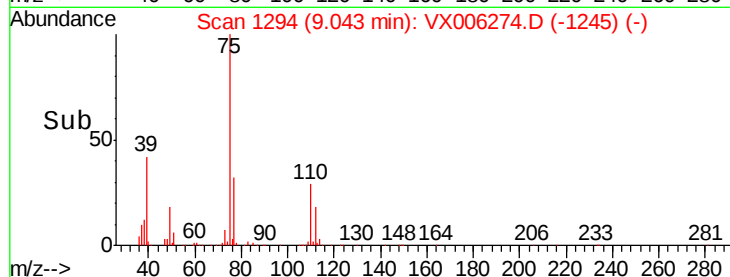
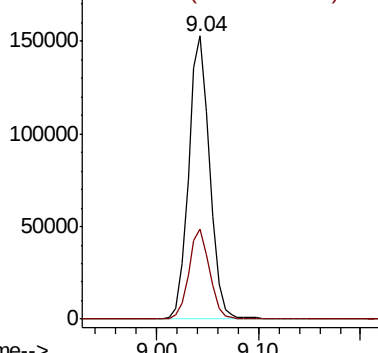
75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.296 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

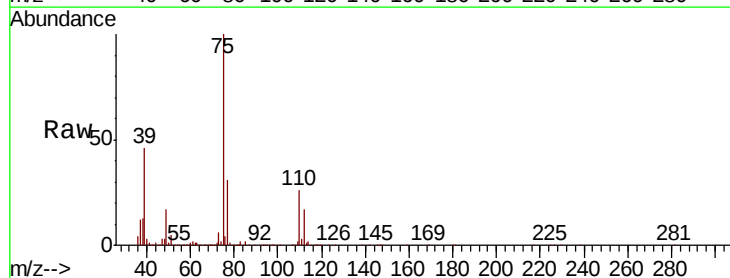
Tgt Ion: 75 Resp: 233454

Ion Ratio Lower Upper

75 100

77 30.8 25.6 38.4

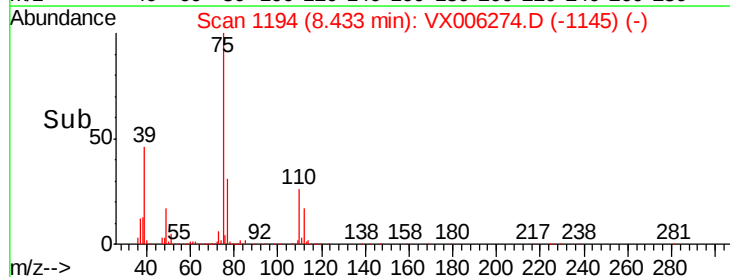
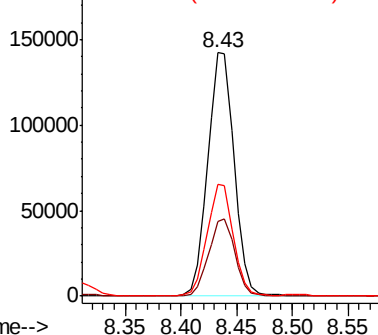
39 46.0 36.5 54.7

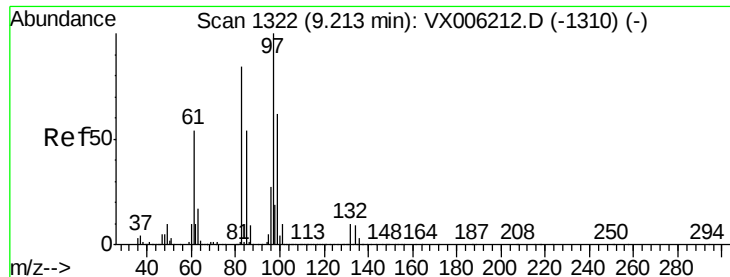


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

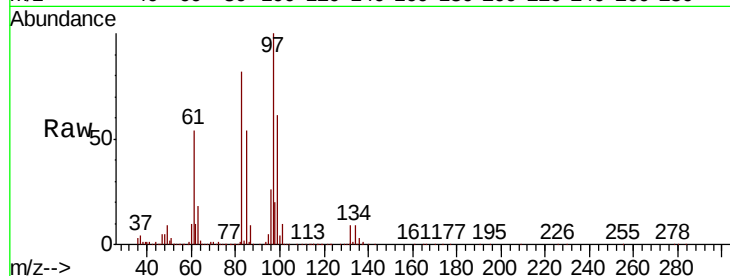




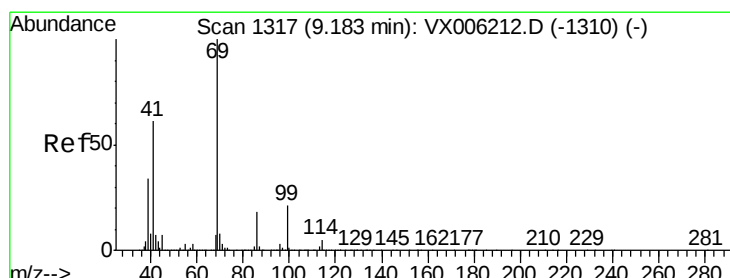
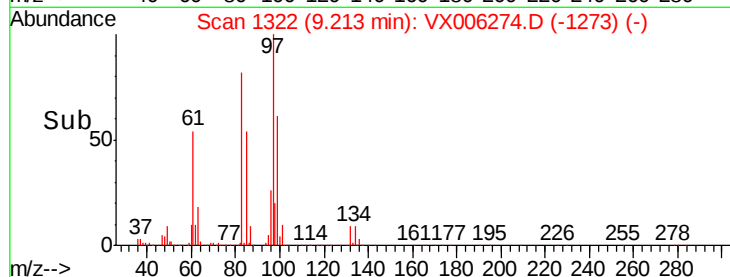
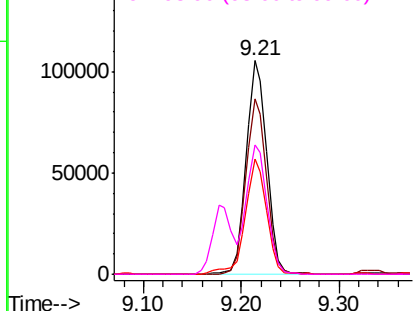
#55
 1,1,2-Trichloroethane
 Concen: 20.453 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Tot Ion:	97	Resp:	153215
Ion	Ratio	Lower	Upper
97	100		
83	81.9	67.1	100.7
85	53.8	43.2	64.8
99	60.7	49.8	74.6

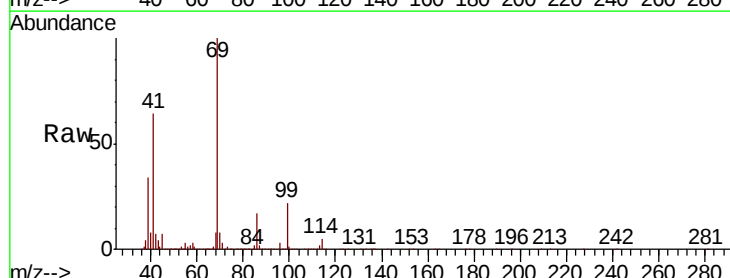


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

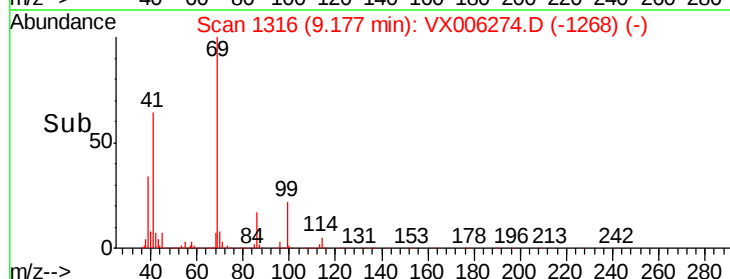
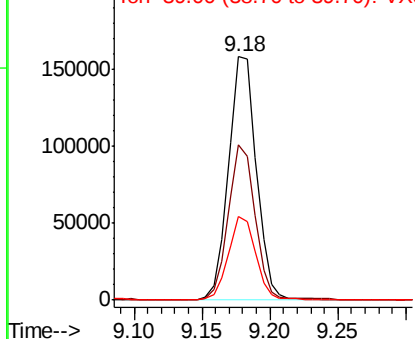


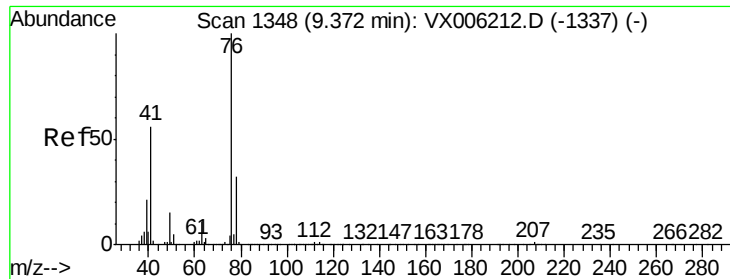
#56
 Ethyl methacrylate
 Concen: 19.296 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion:	69	Resp:	225979
Ion	Ratio	Lower	Upper
69	100		
41	61.4	50.6	76.0
39	33.5	27.6	41.4



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





#57

1,3-Dichloropropane

Concen: 20.220 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

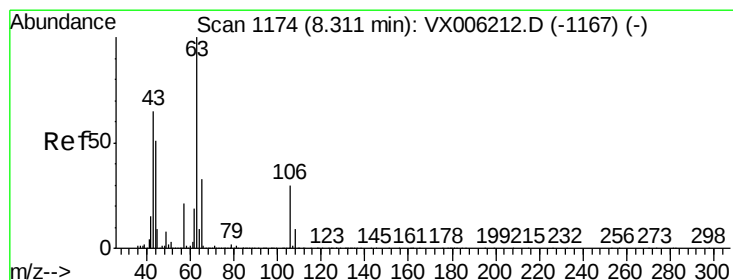
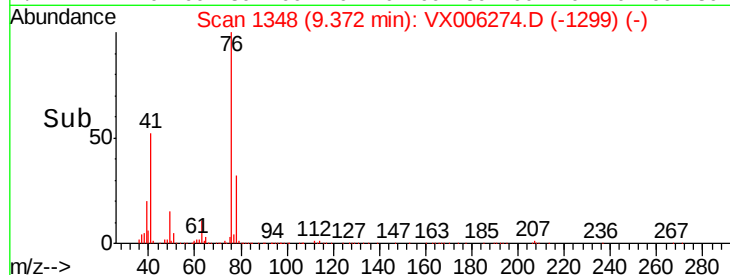
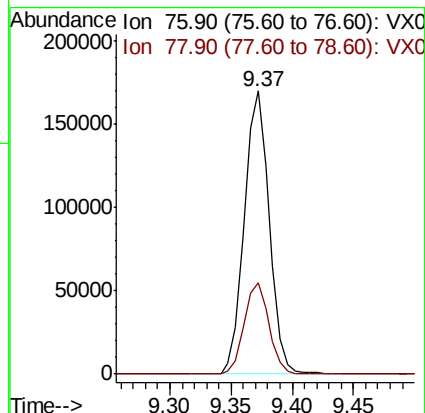
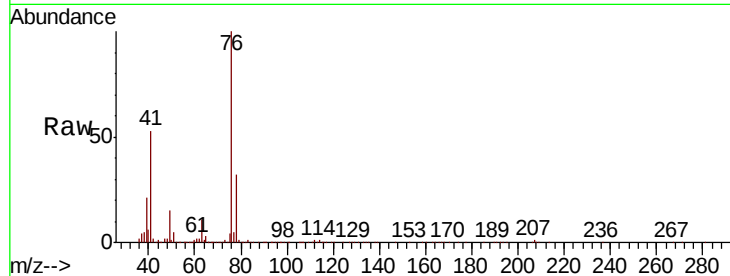
VX1204WBS01

Tot Ion: 76 Resp: 239519

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 93.843 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006274.D

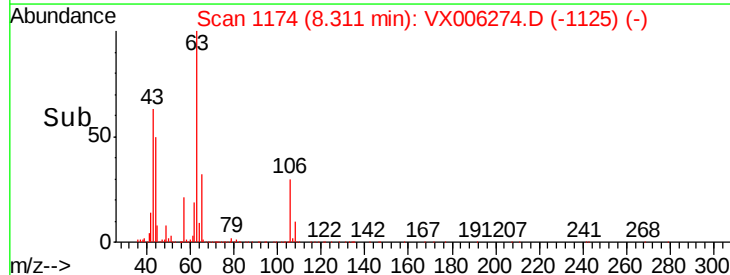
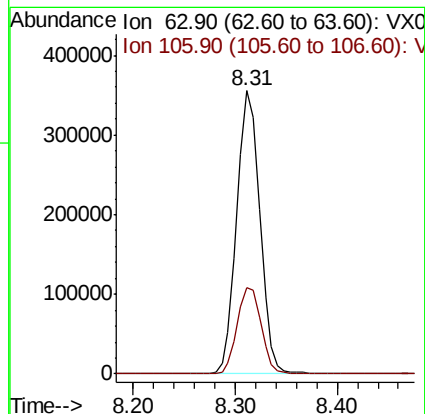
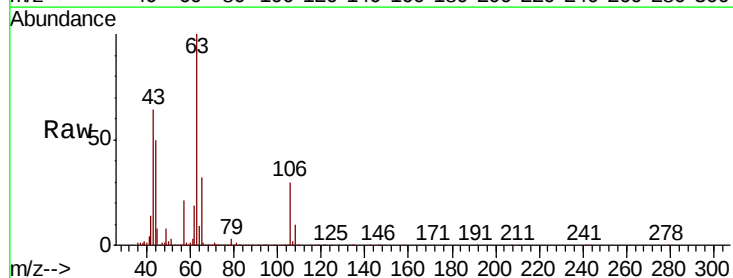
Acq: 04 Dec 2018 13:22

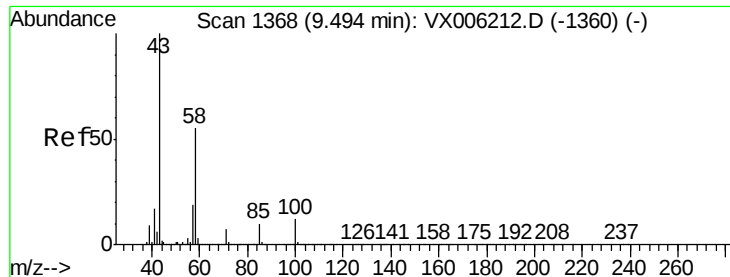
Tgt Ion: 63 Resp: 557695

Ion Ratio Lower Upper

63 100

106 31.5 24.9 37.3

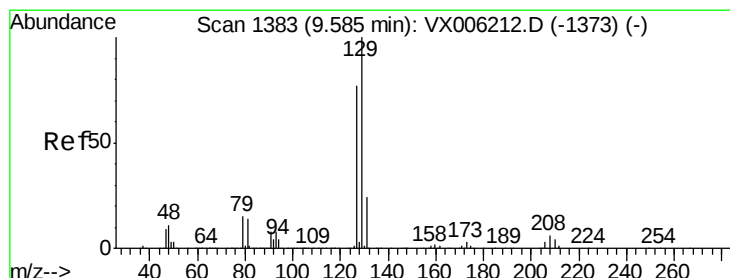
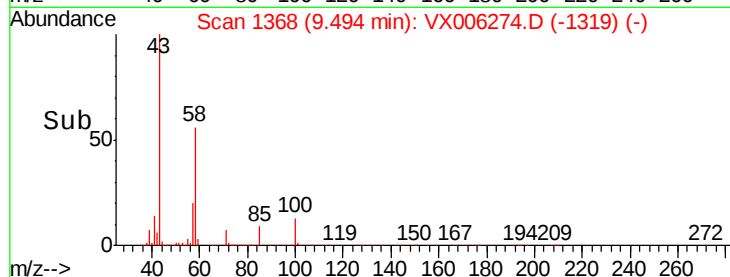
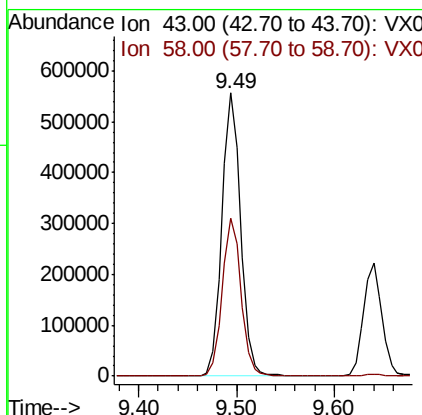
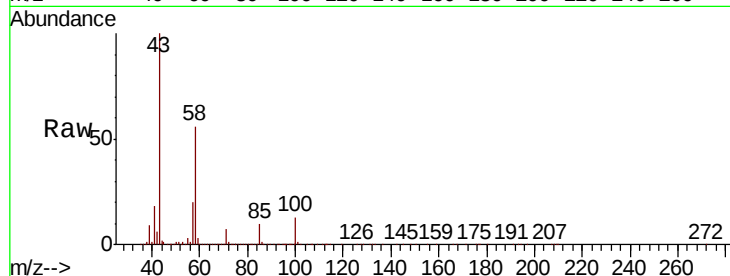




#59
2-Hexanone
Concen: 95.323 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

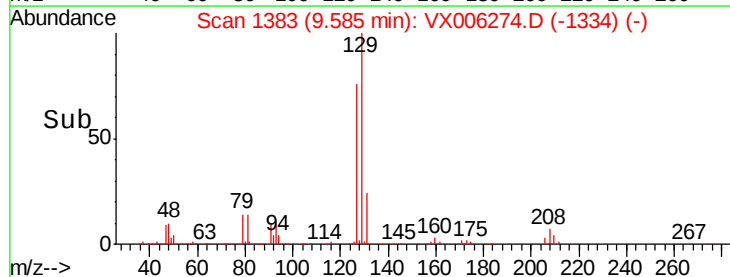
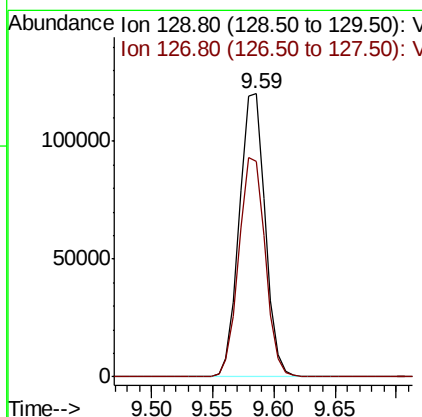
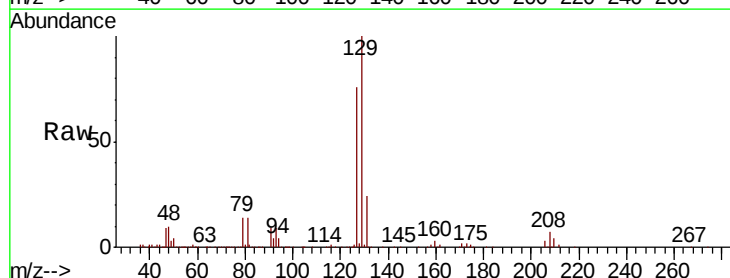
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

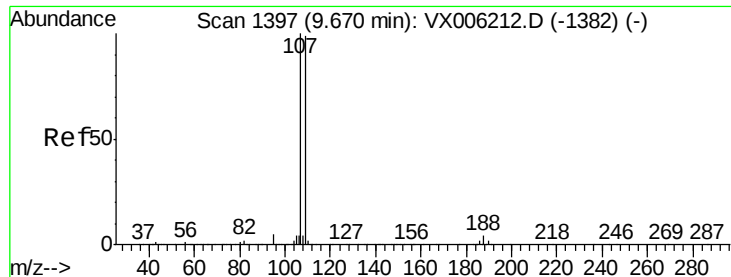
Tot Ion: 43 Resp: 740773
Ion Ratio Lower Upper
43 100
58 56.1 27.7 83.1



#60
Dibromochloromethane
Concen: 19.079 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 129 Resp: 176243
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.150 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

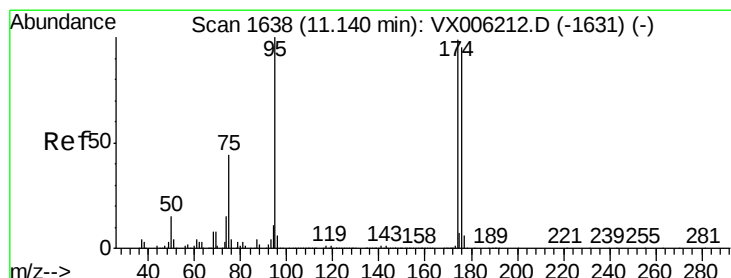
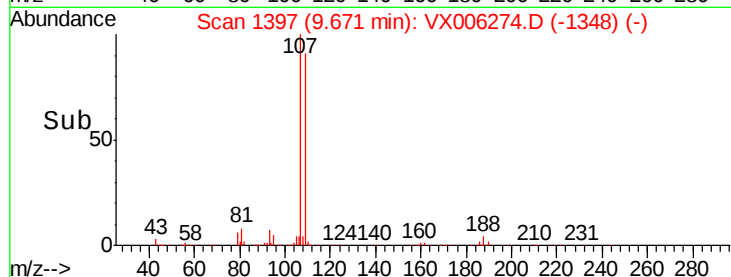
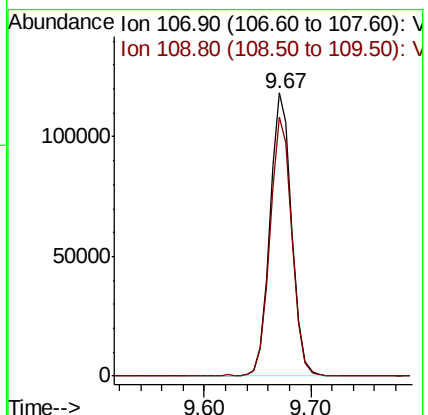
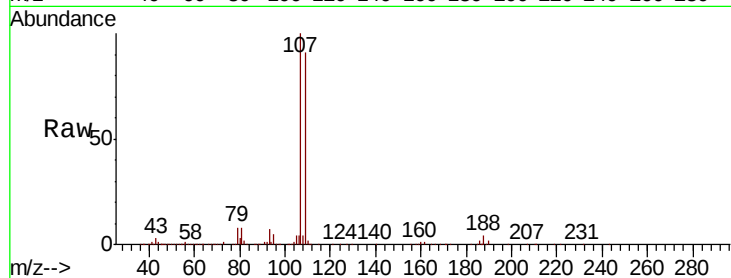
VX1204WBS01

Tot Ion:107 Resp: 168784

Ion Ratio Lower Upper

107 100

109 91.8 76.3 114.5



#62

4-Bromofluorobenzene

Concen: 48.494 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

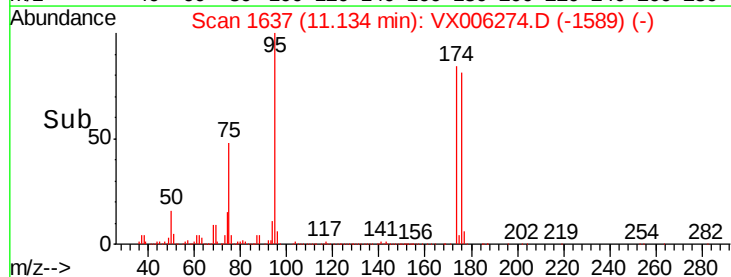
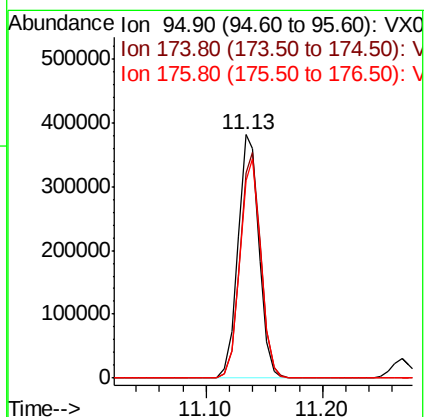
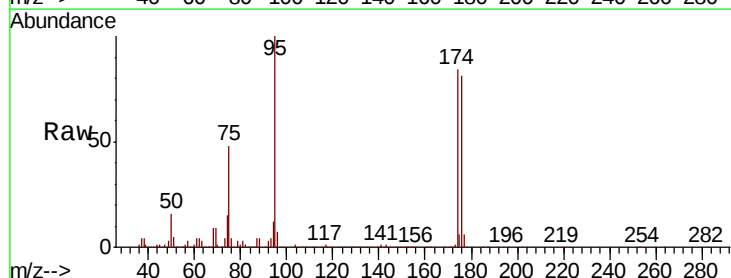
Tgt Ion: 95 Resp: 478254

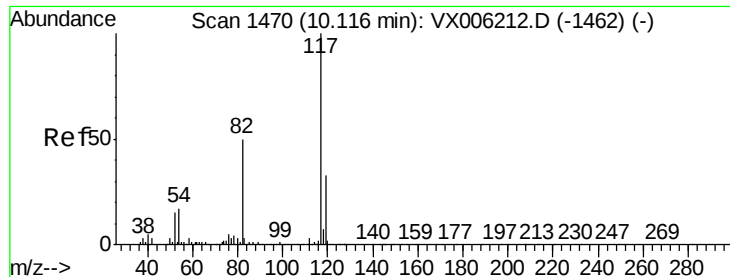
Ion Ratio Lower Upper

95 100

174 91.7 0.0 187.0

176 89.5 0.0 181.8

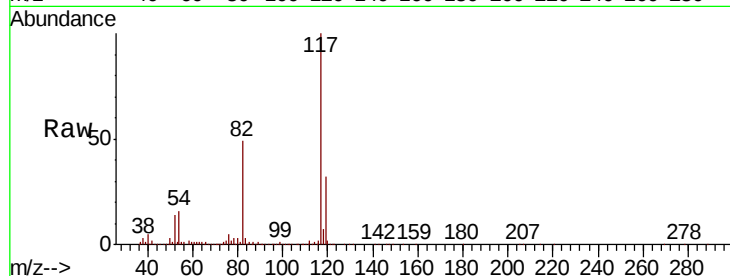




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.5	39.6	59.4
119	32.3	26.3	39.5

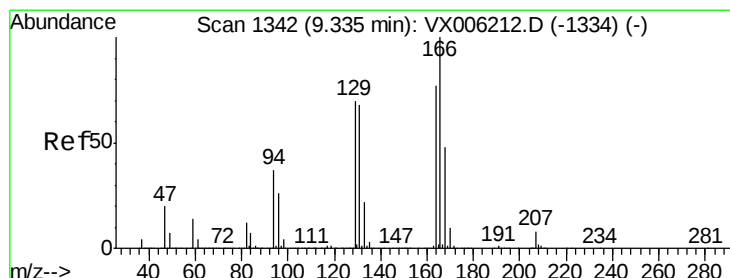
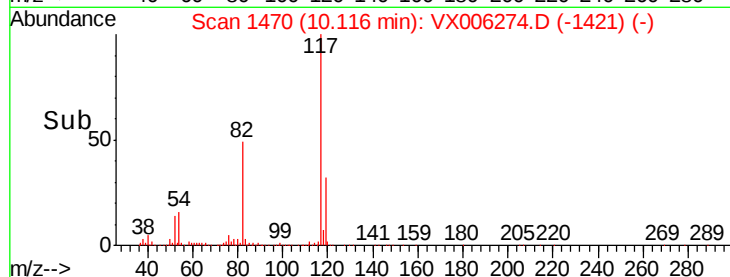
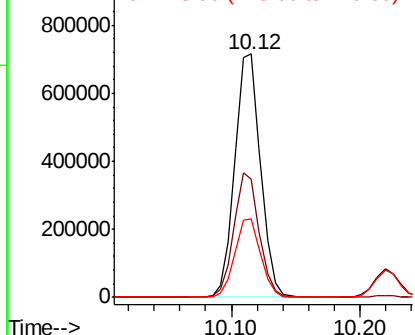


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.394 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	104.2	156.2
129	89.8	72.6	108.8
131	87.2	70.3	105.5

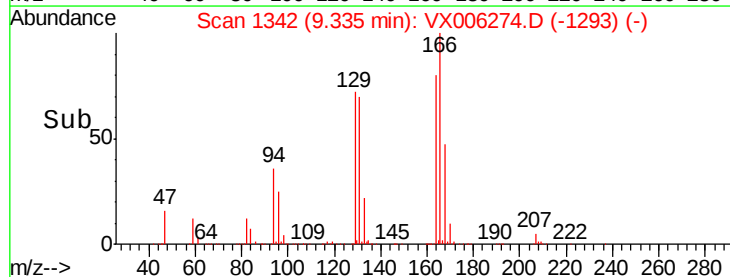
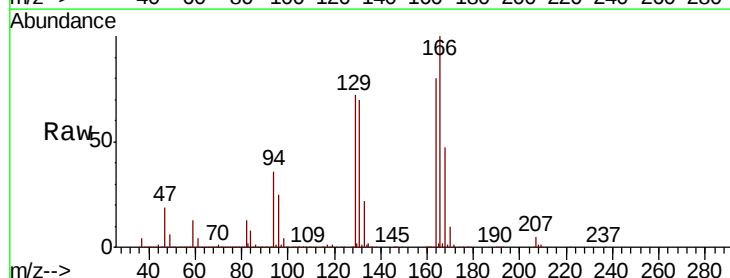
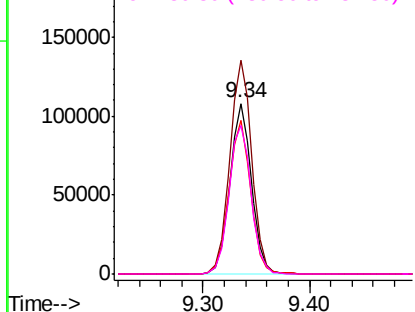
Abundance

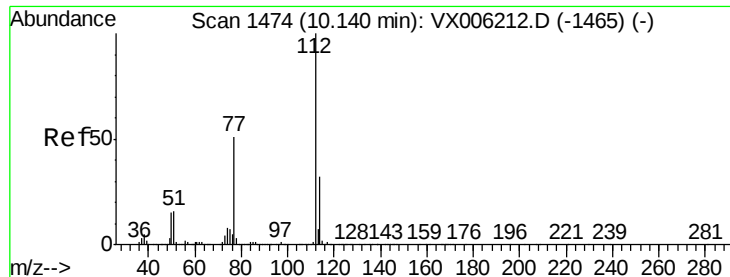
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 20.331 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

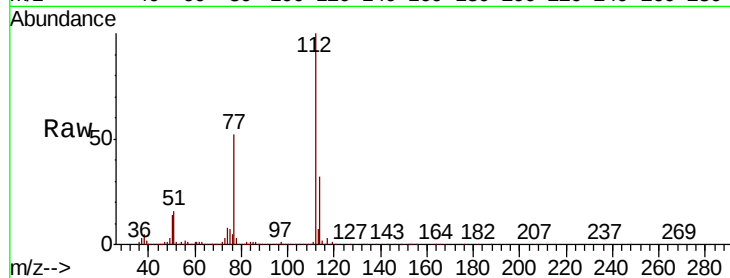
VX1204WBS01

Tot Ion:112 Resp: 431482

Ion Ratio Lower Upper

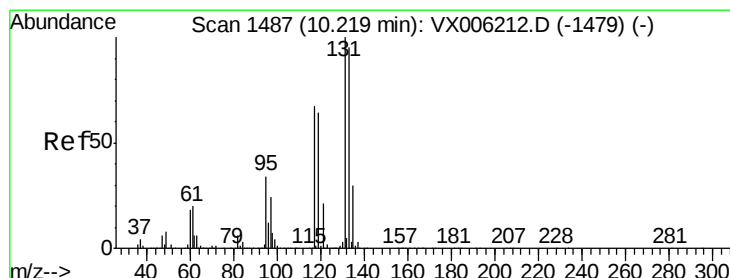
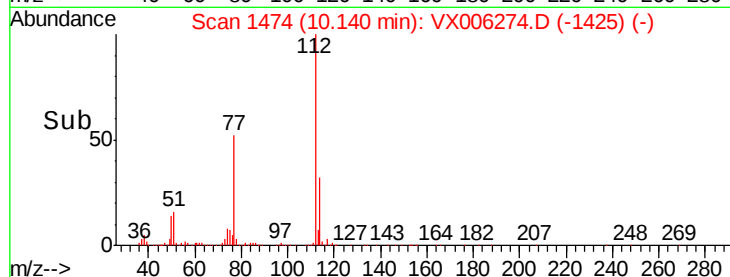
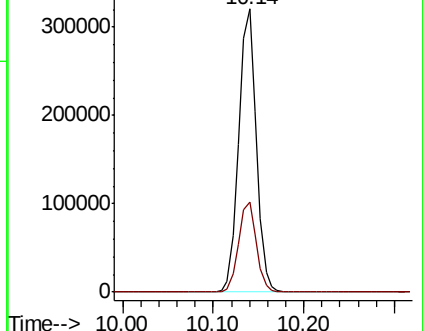
112 100

114 31.9 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.097 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

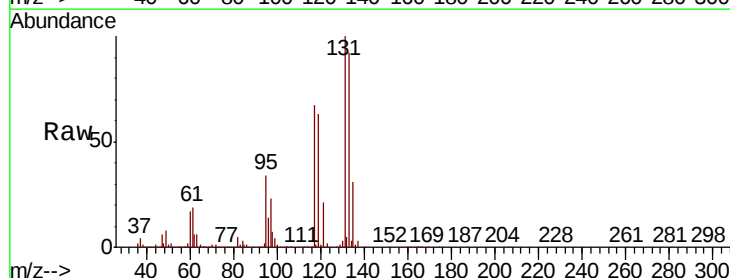
Tgt Ion:131 Resp: 165719

Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

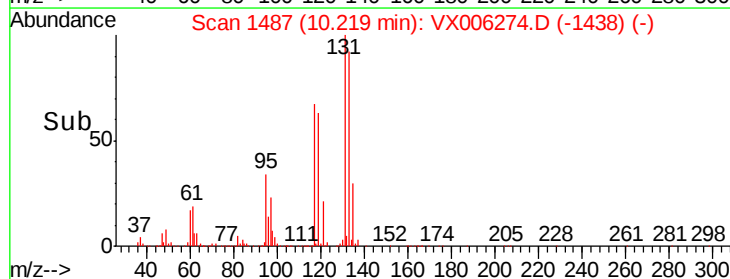
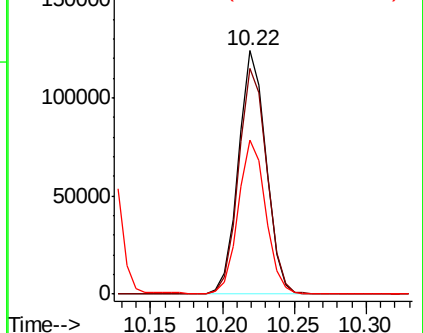
119 62.8 32.1 96.3

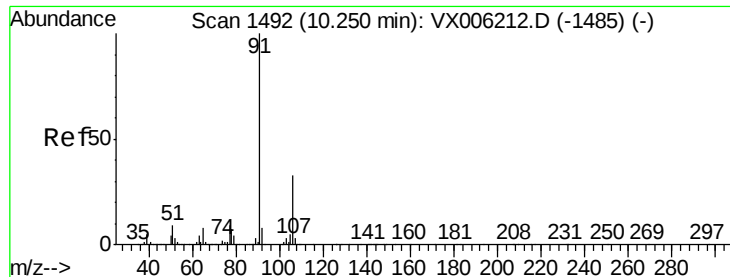


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.806 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

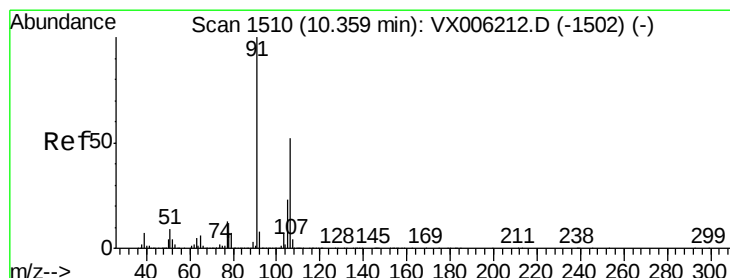
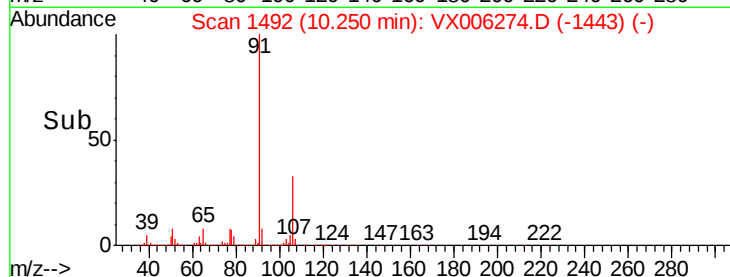
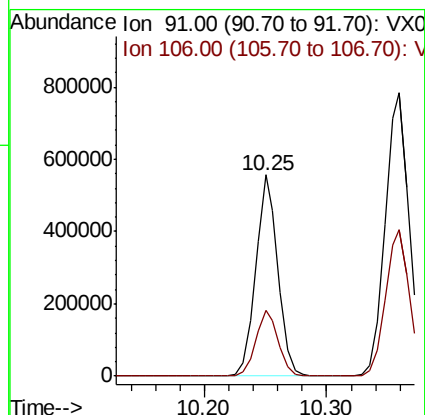
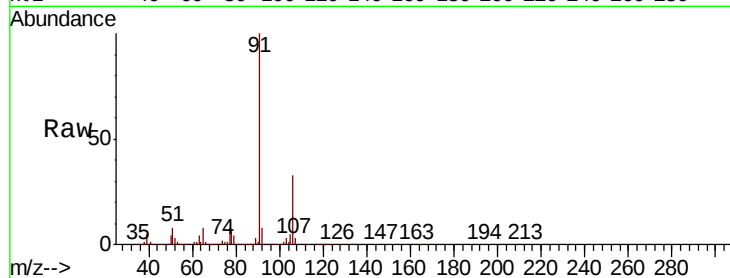
VX1204WBS01

Tot Ion: 91 Resp: 699113

Ion Ratio Lower Upper

91 100

106 32.8 26.5 39.7



#68

m/p-Xylenes

Concen: 39.053 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006274.D

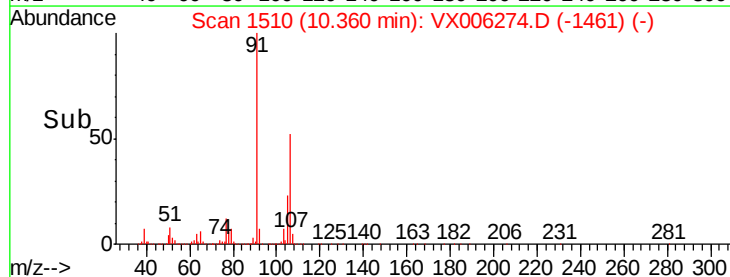
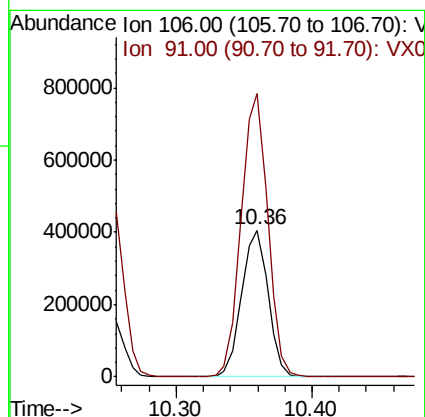
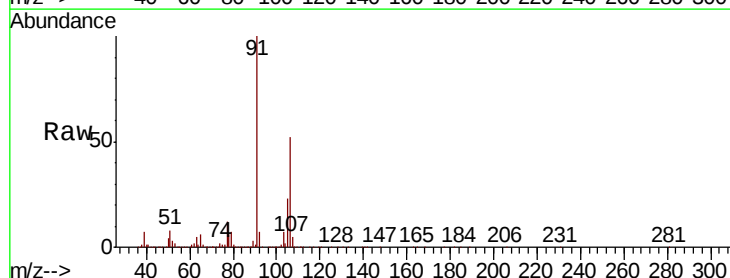
Acq: 04 Dec 2018 13:22

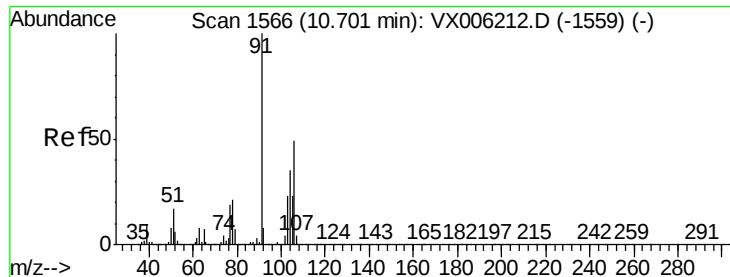
Tgt Ion: 106 Resp: 552180

Ion Ratio Lower Upper

106 100

91 193.7 155.2 232.8

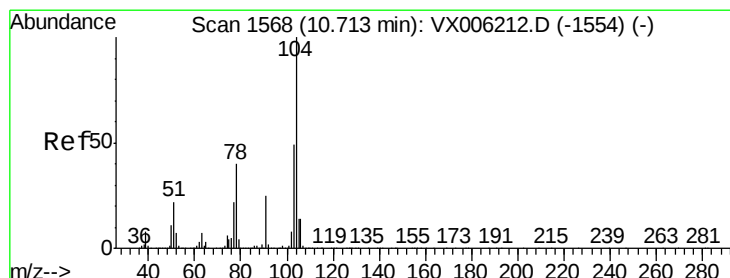
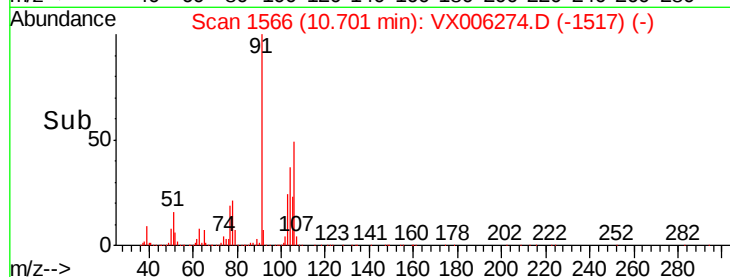
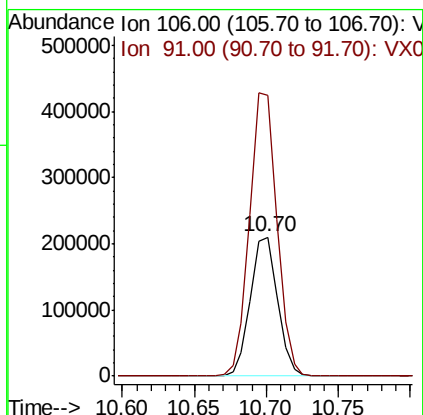
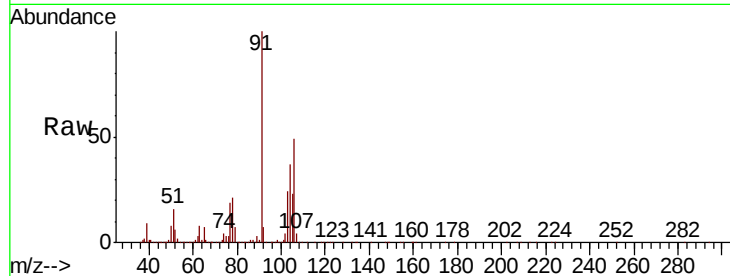




#69
o-Xylene
Concen: 19.651 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

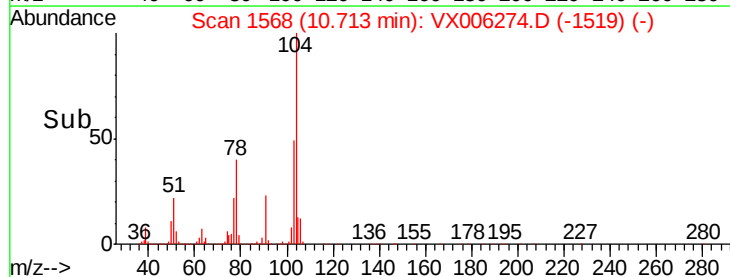
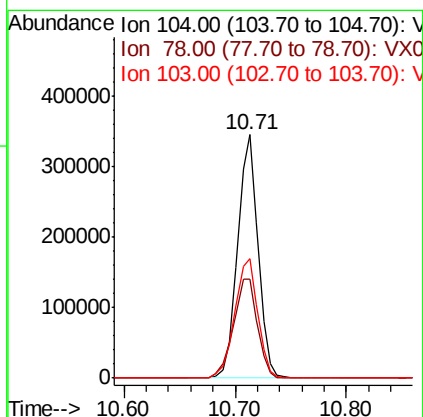
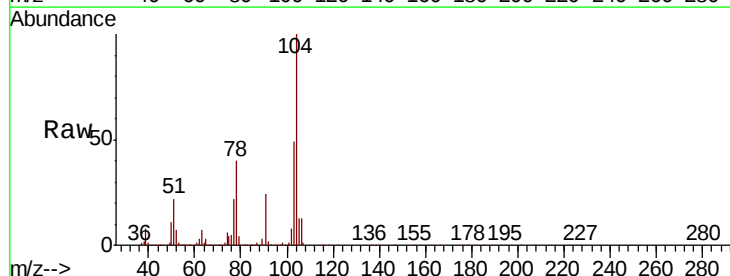
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

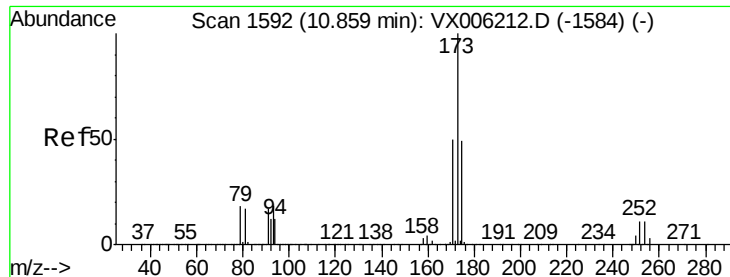
Tot Ion:106 Resp: 274455
Ion Ratio Lower Upper
106 100
91 204.8 101.8 305.6



#70
Styrene
Concen: 19.364 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion:104 Resp: 437413
Ion Ratio Lower Upper
104 100
78 47.8 37.2 55.8
103 55.3 43.5 65.3





#71

Bromoform

Concen: 18.411 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampled :

VX1204WBS01

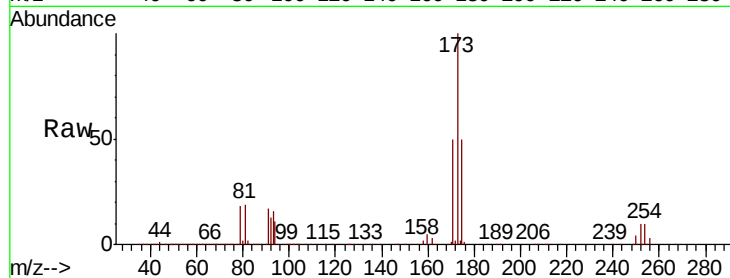
Tot Ion:173 Resp: 143307

Ion Ratio Lower Upper

173 100

175 48.9 24.6 73.8

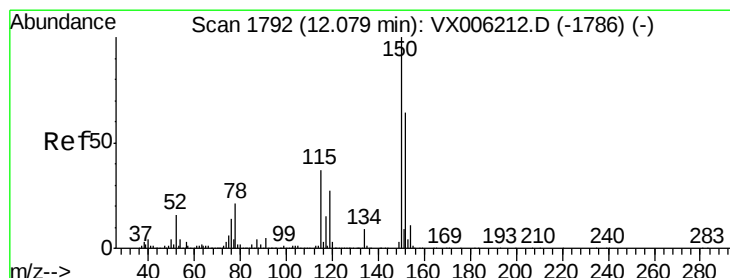
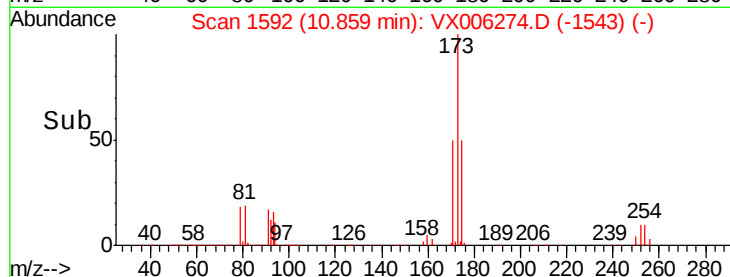
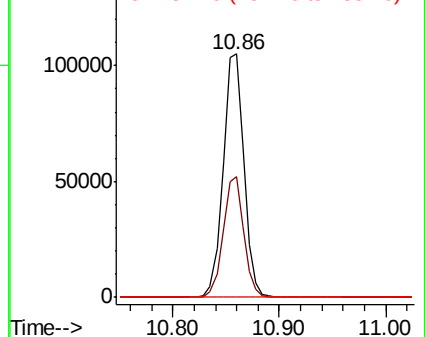
254 0.1 0.2 0.2#



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: VX006274.D

Acq: 04 Dec 2018 13:22

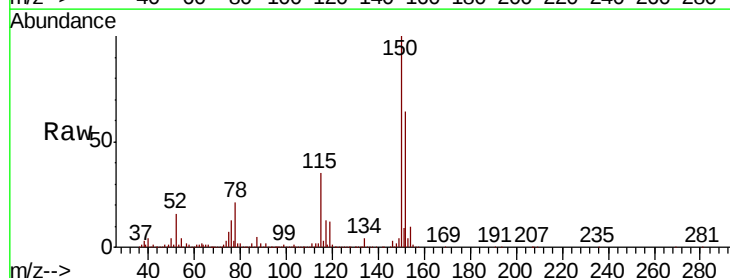
Tgt Ion:152 Resp: 499053

Ion Ratio Lower Upper

152 100

115 64.5 39.0 116.9

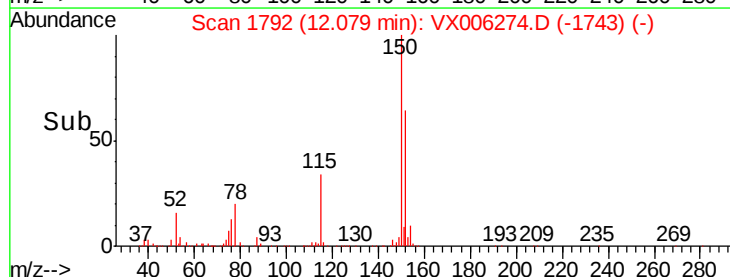
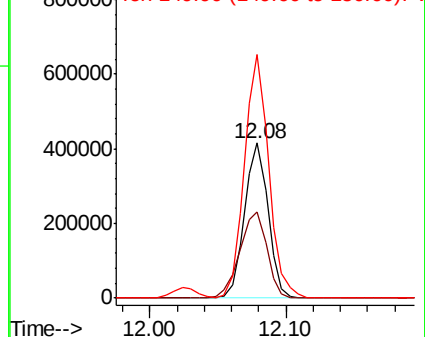
150 163.0 0.0 345.8

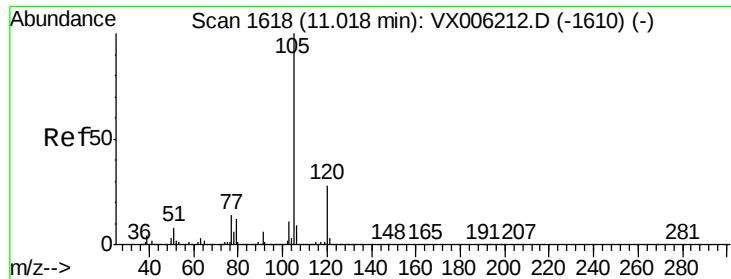


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.017 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

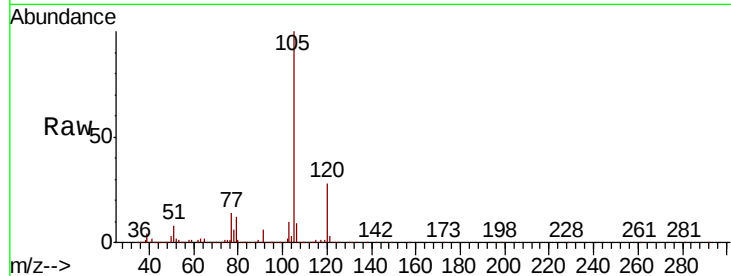
VX1204WBS01

Tot Ion:105 Resp: 724326

Ion Ratio Lower Upper

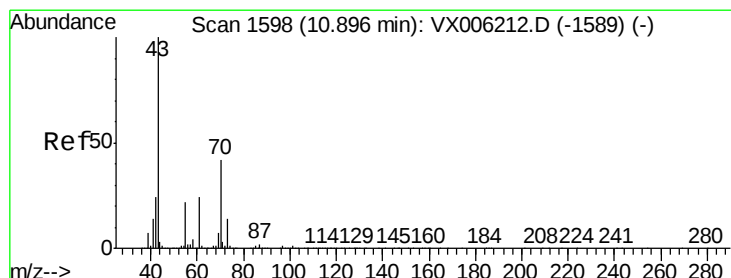
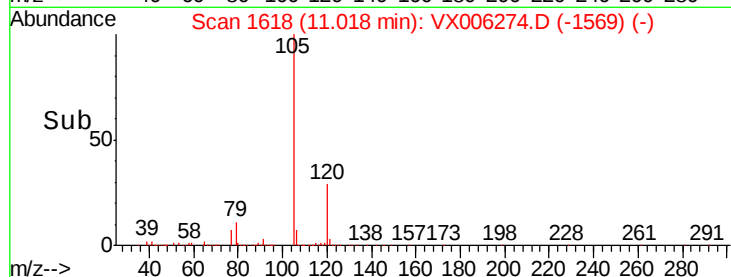
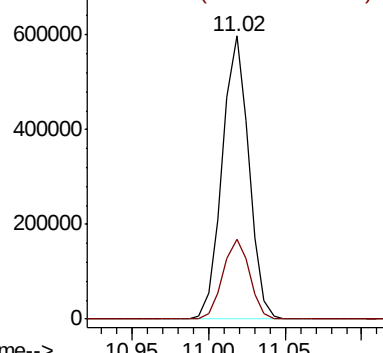
105 100

120 28.6 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.279 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Tgt Ion: 43 Resp: 286114

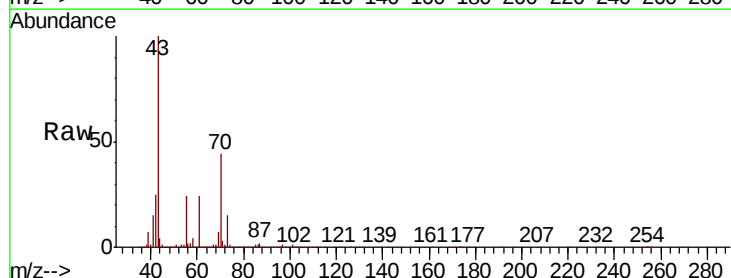
Ion Ratio Lower Upper

43 100

70 43.5 34.1 51.1

55 23.2 17.8 26.8

61 25.0 19.7 29.5

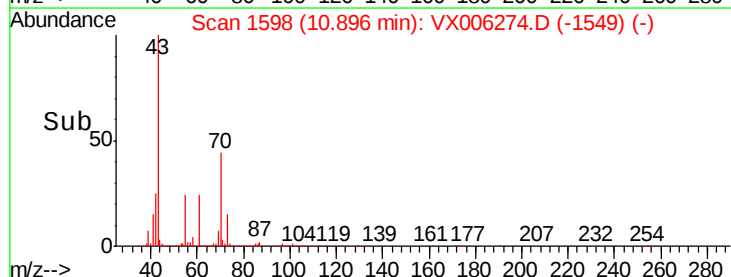
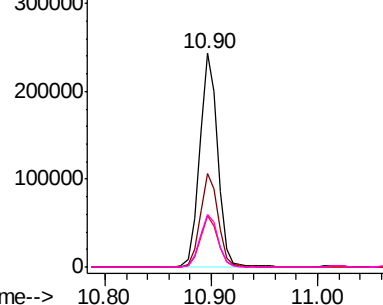


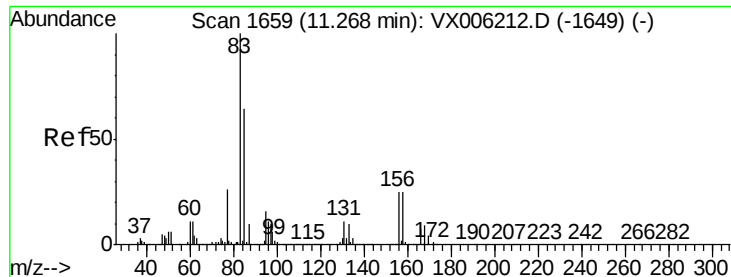
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.491 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

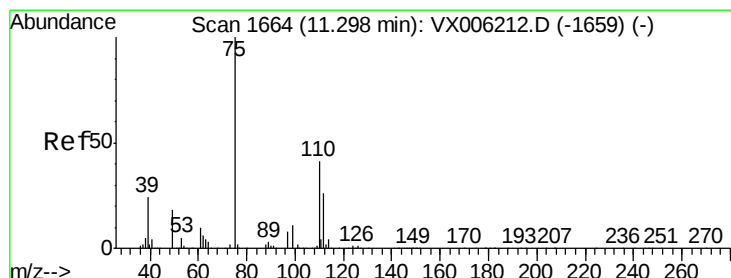
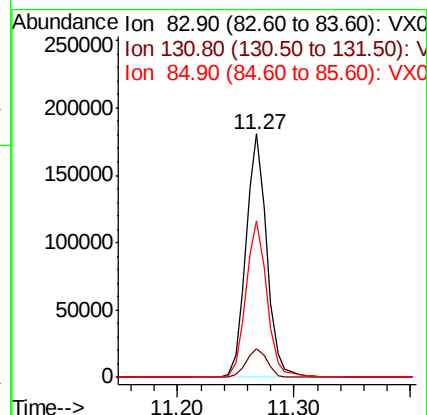
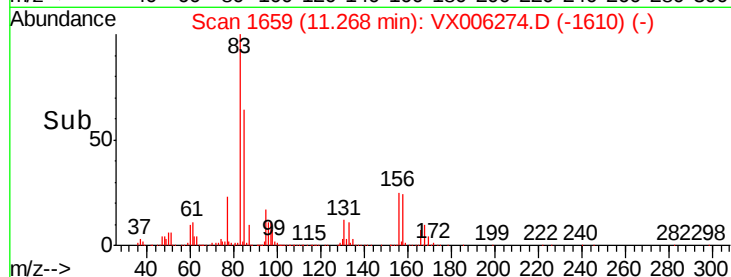
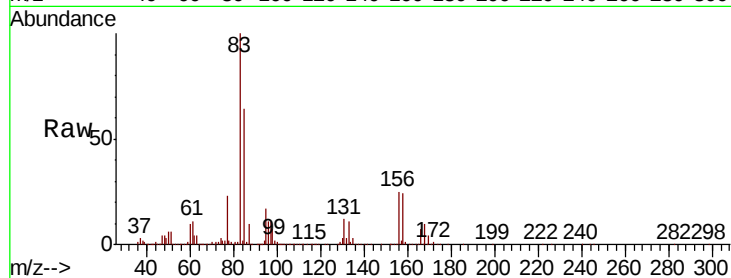
Tot Ion: 83 Resp: 225931

Ion Ratio Lower Upper

83 100

131 12.0 5.7 17.1

85 65.2 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 27.385 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006274.D

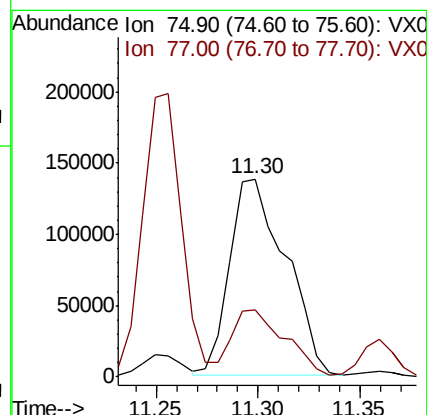
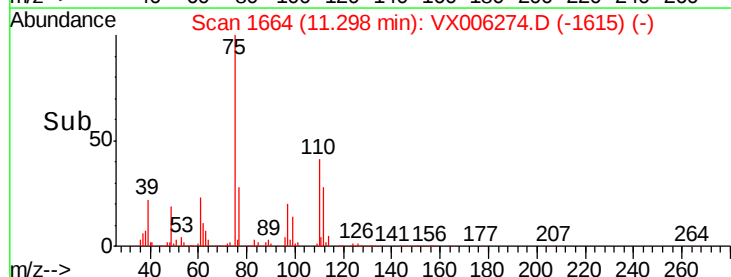
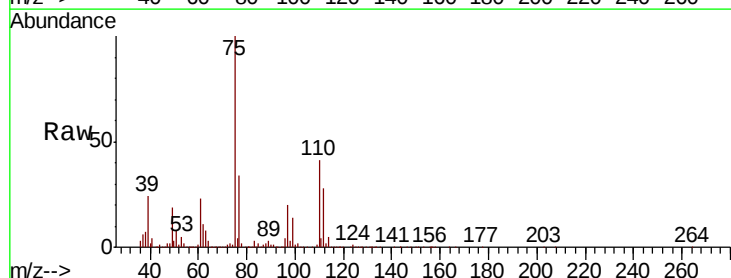
Acq: 04 Dec 2018 13:22

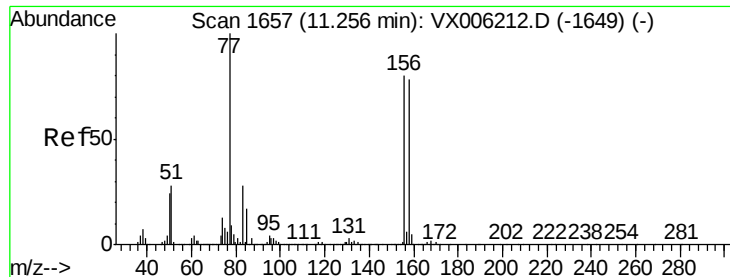
Tgt Ion: 75 Resp: 263789

Ion Ratio Lower Upper

75 100

77 32.1 19.9 59.7





#77

Bromobenzene

Concen: 20.607 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

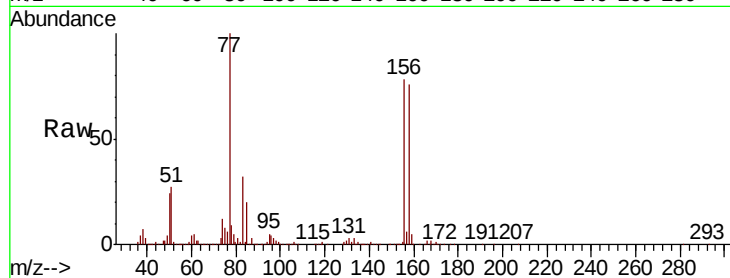
Tot Ion:156 Resp: 197093

Ion Ratio Lower Upper

156 100

77 134.8 66.2 198.6

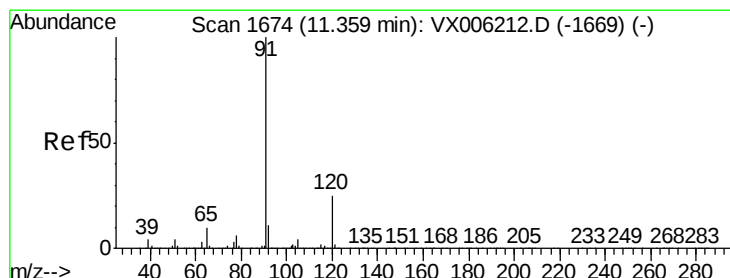
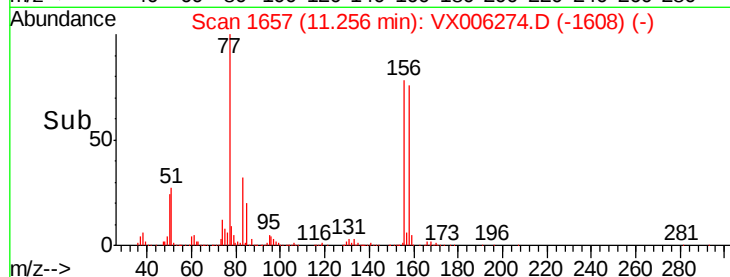
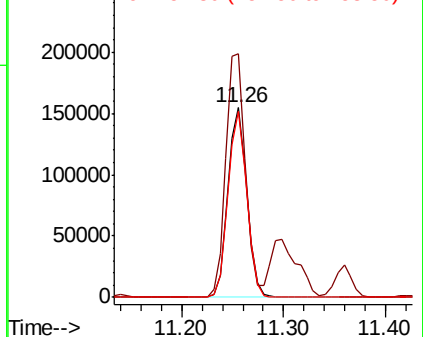
158 97.2 48.8 146.4



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: 20.508 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006274.D

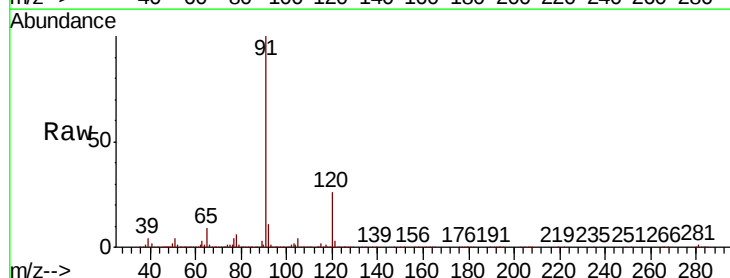
Acq: 04 Dec 2018 13:22

Tgt Ion: 91 Resp: 785663

Ion Ratio Lower Upper

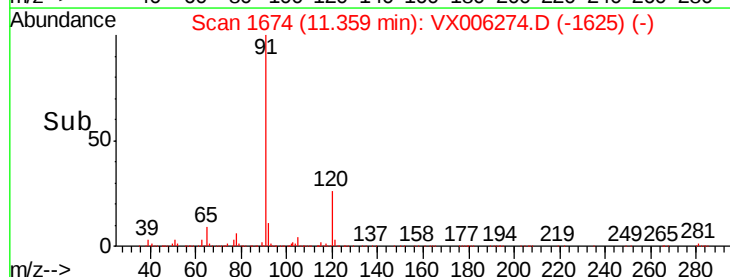
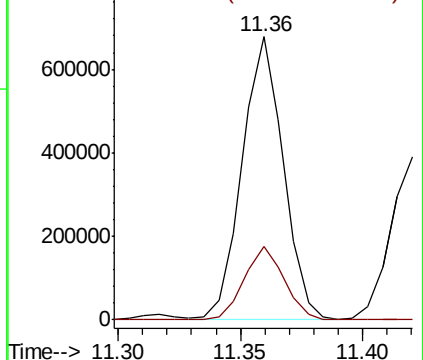
91 100

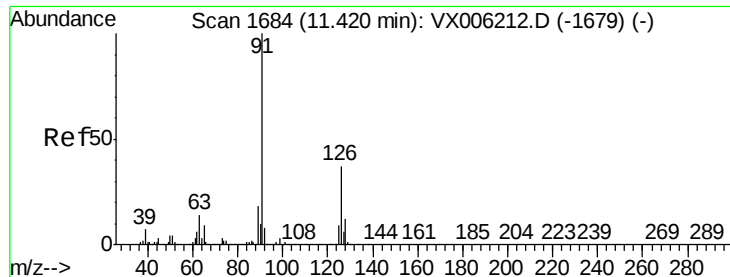
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.540 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

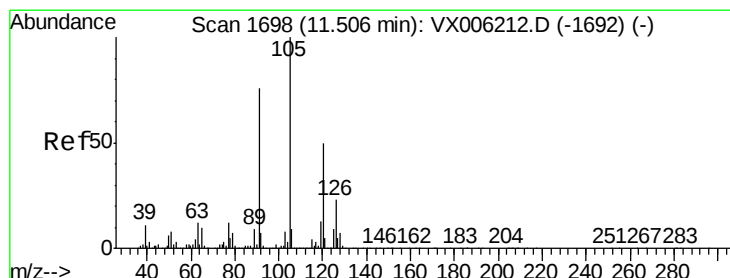
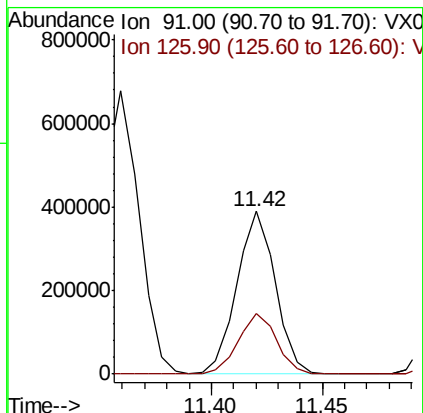
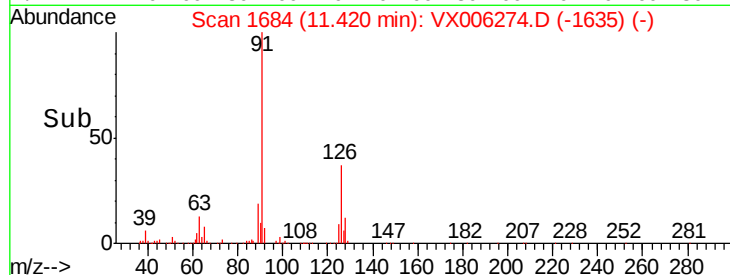
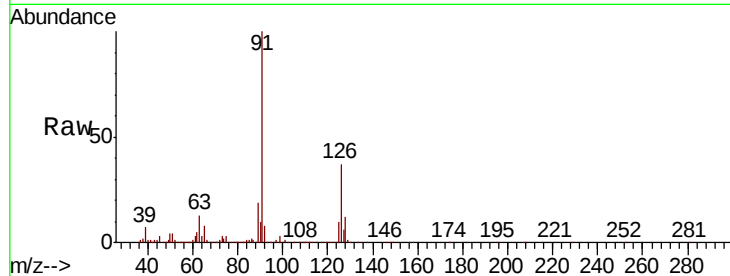
VX1204WBS01

Tot Ion: 91 Resp: 467689

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 20.654 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006274.D

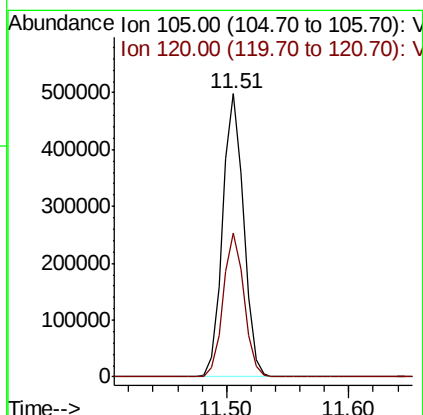
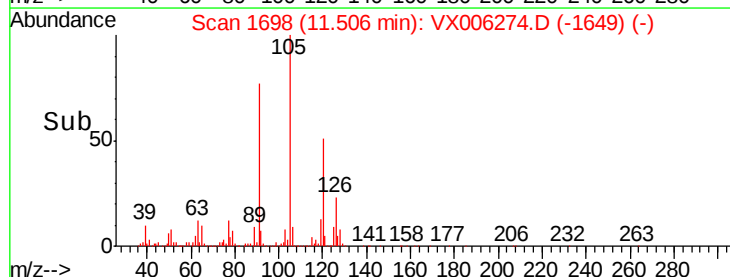
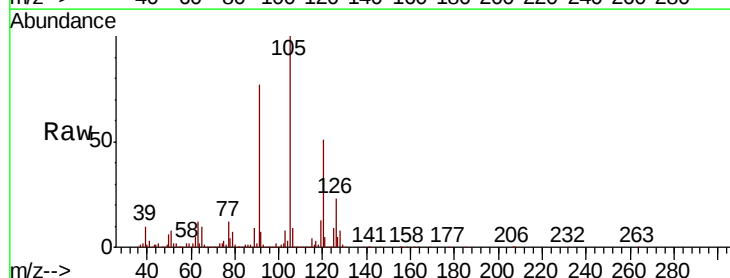
Acq: 04 Dec 2018 13:22

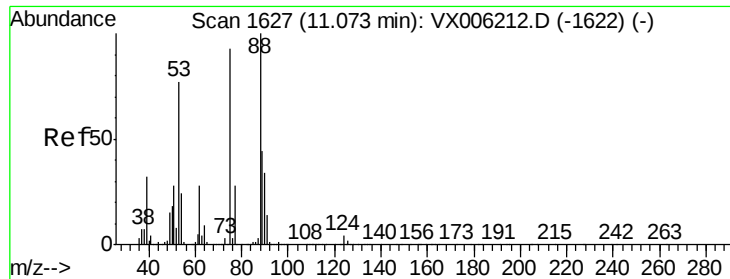
Tgt Ion: 105 Resp: 592257

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.888 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

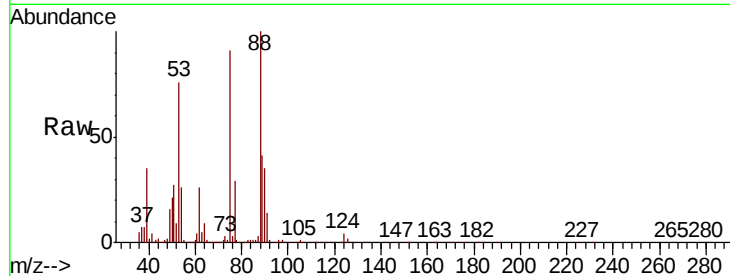
Tot Ion: 75 Resp: 77529

Ion Ratio Lower Upper

75 100

53 83.6 64.4 96.6

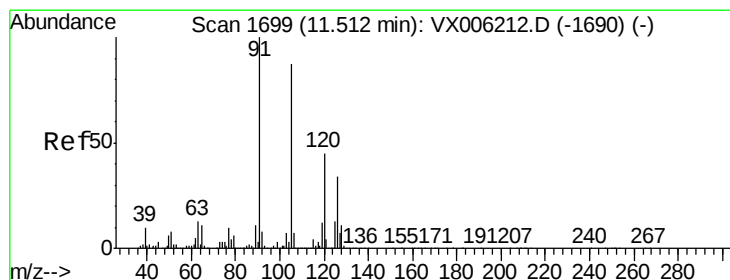
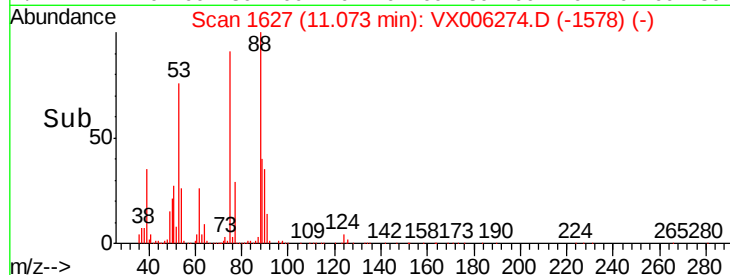
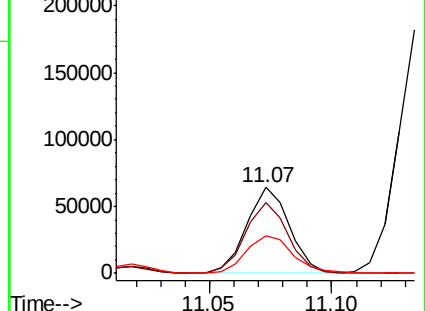
89 49.7 44.2 66.4



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: 20.235 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006274.D

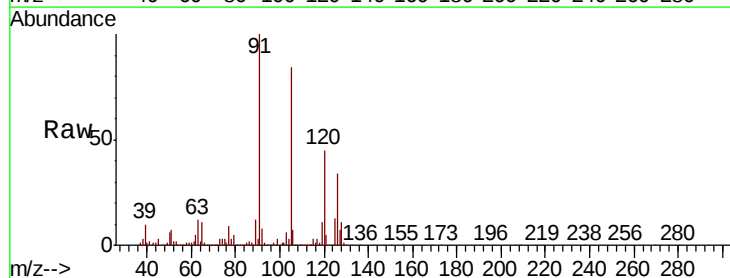
Acq: 04 Dec 2018 13:22

Tgt Ion: 91 Resp: 535696

Ion Ratio Lower Upper

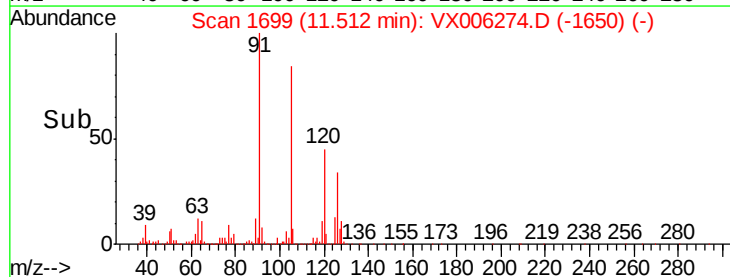
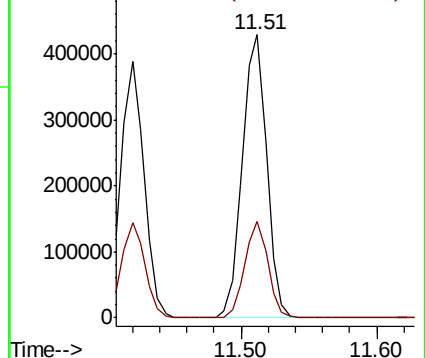
91 100

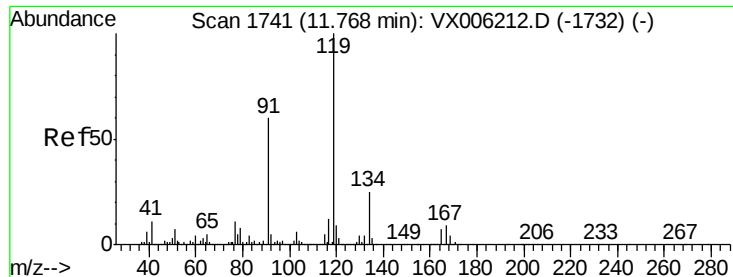
126 32.4 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.739 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

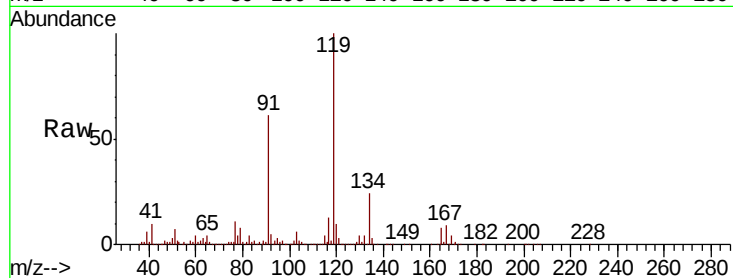
Tot Ion:119 Resp: 634503

Ion Ratio Lower Upper

119 100

91 53.6 26.4 79.2

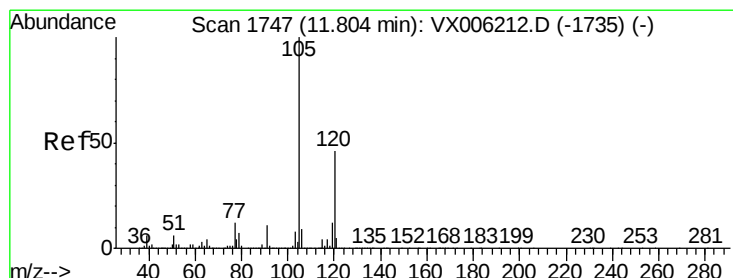
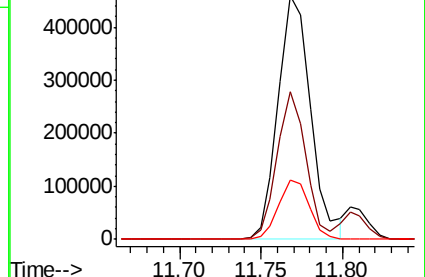
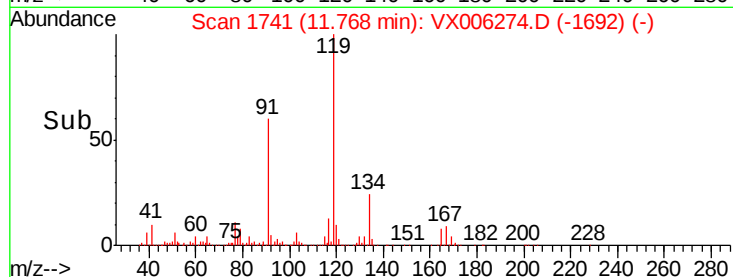
134 23.1 11.6 34.7



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: 20.621 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006274.D

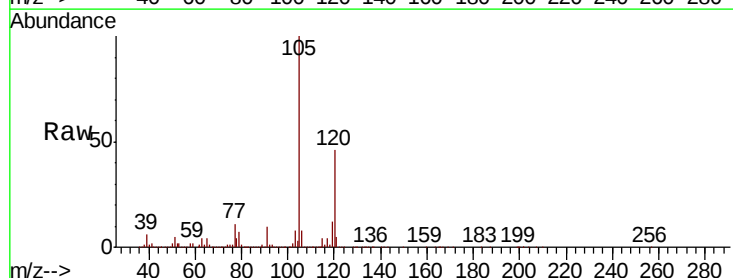
Acq: 04 Dec 2018 13:22

Tgt Ion:105 Resp: 610588

Ion Ratio Lower Upper

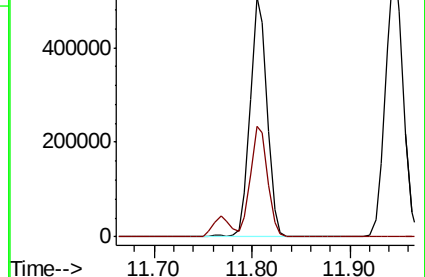
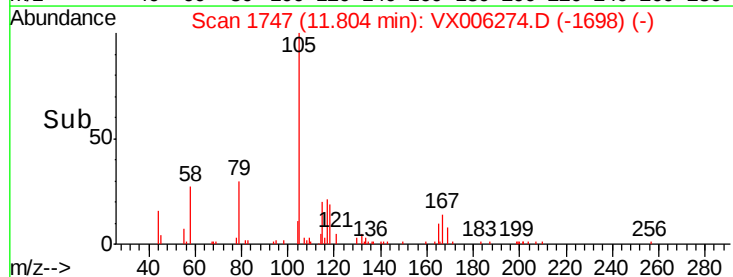
105 100

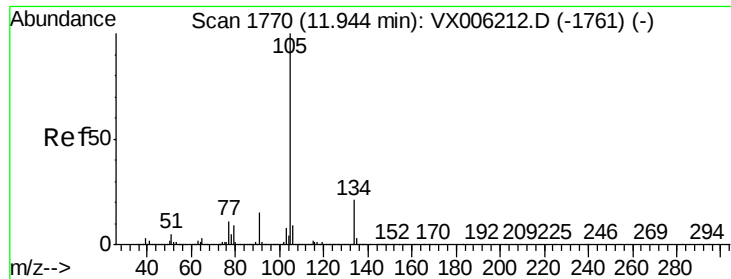
120 46.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.514 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

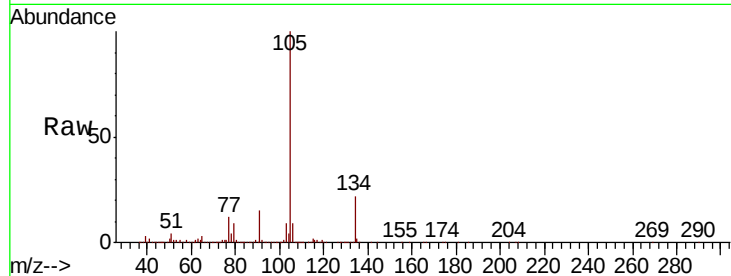
VX1204WBS01

Tot Ion:105 Resp: 714008

Ion Ratio Lower Upper

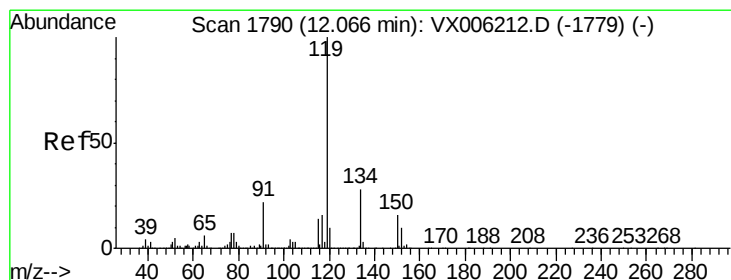
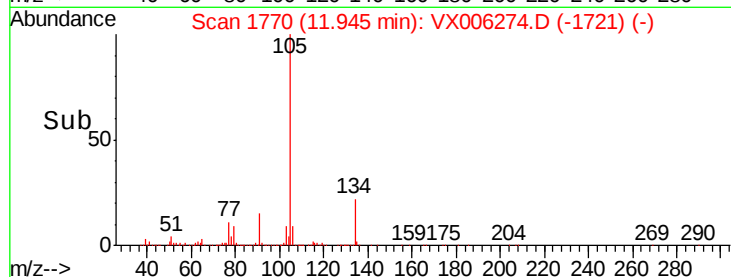
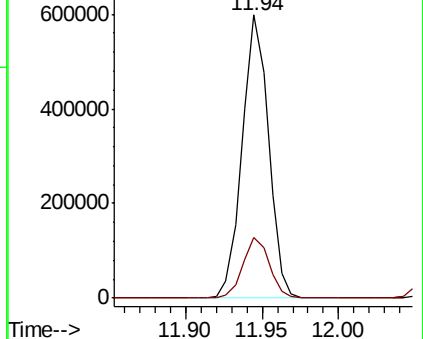
105 100

134 21.7 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: 20.416 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

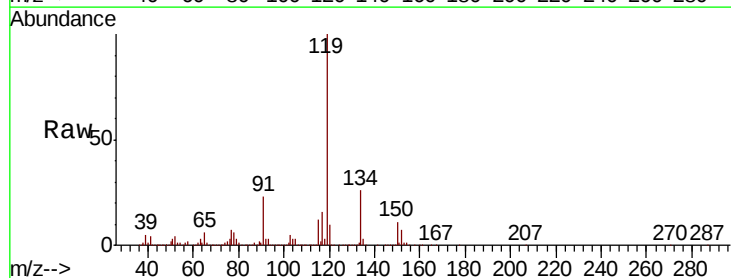
Tgt Ion:119 Resp: 639863

Ion Ratio Lower Upper

119 100

134 27.6 13.9 41.6

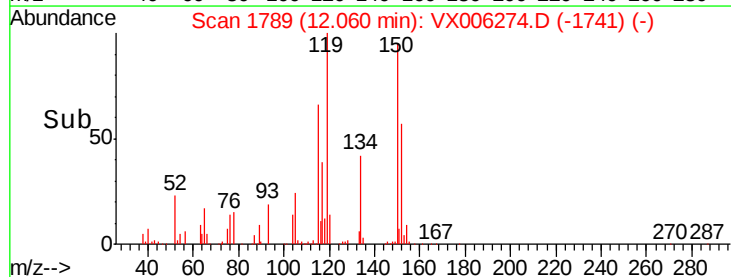
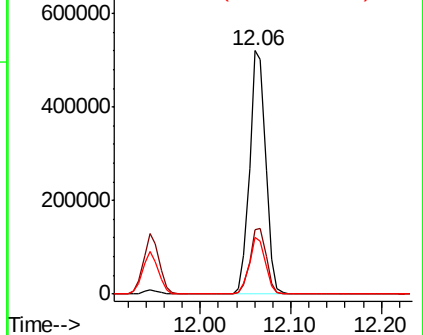
91 22.9 11.3 33.8

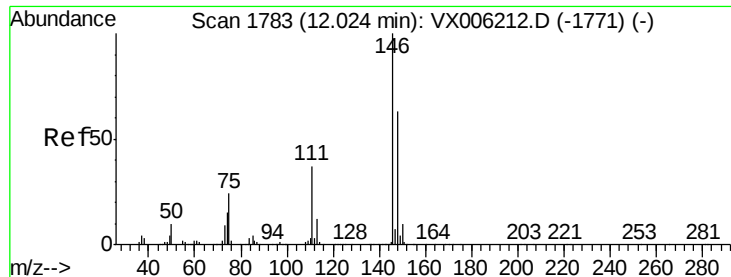


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

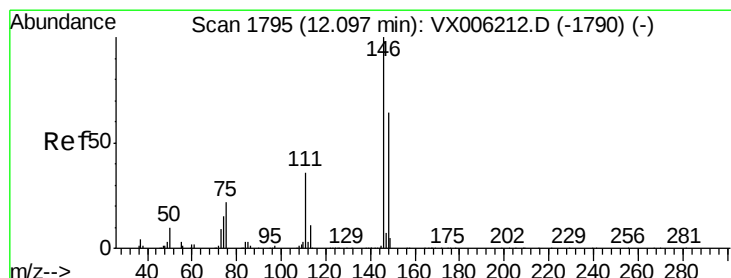
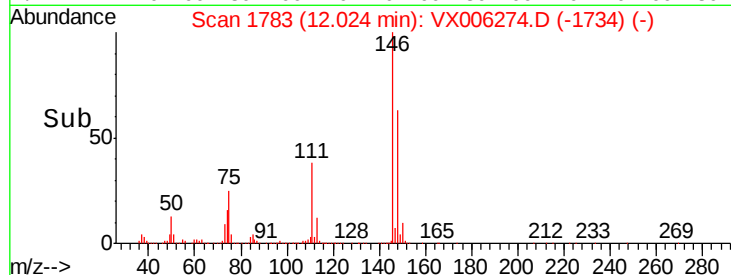
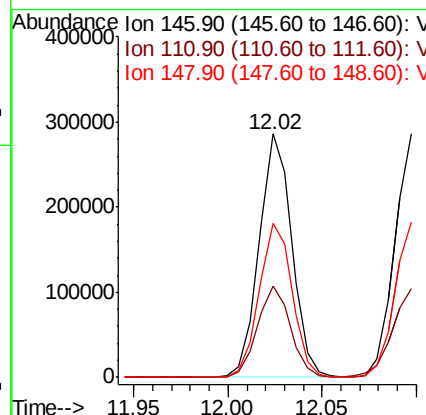
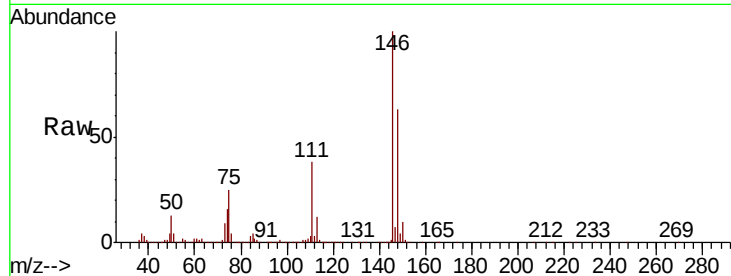




#87
 1,3-Dichlorobenzene
 Concen: 20.198 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

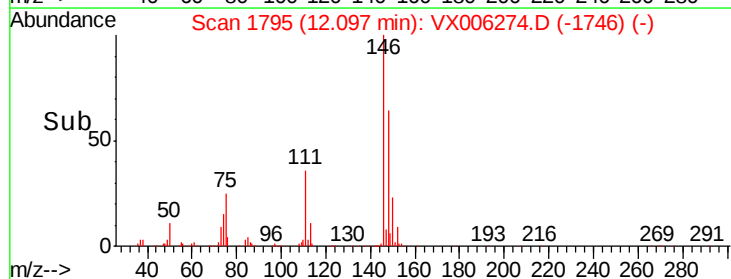
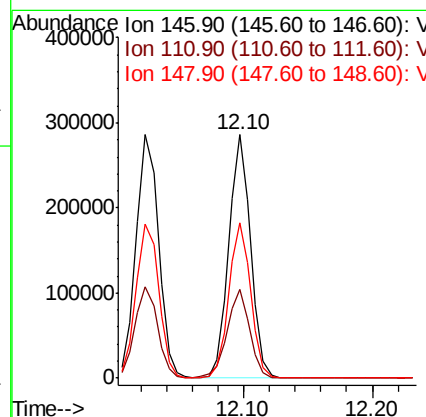
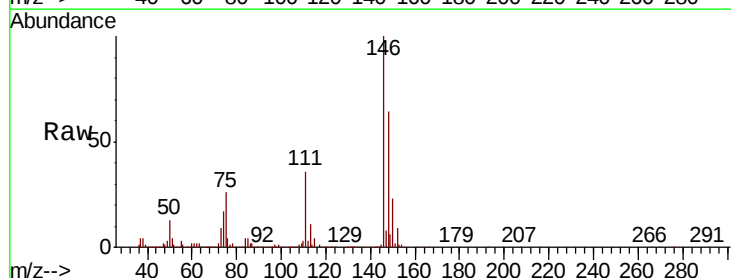
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

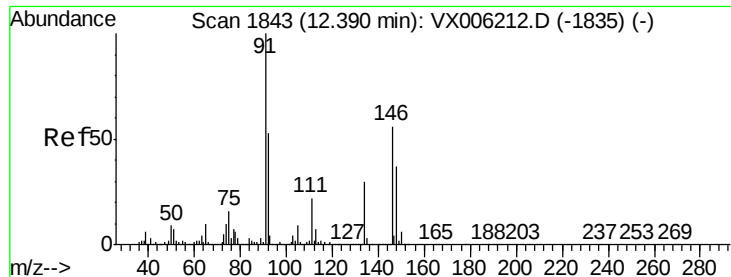
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.2
148	64.3	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 19.768 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.3	54.8
148	64.2	31.9	95.9

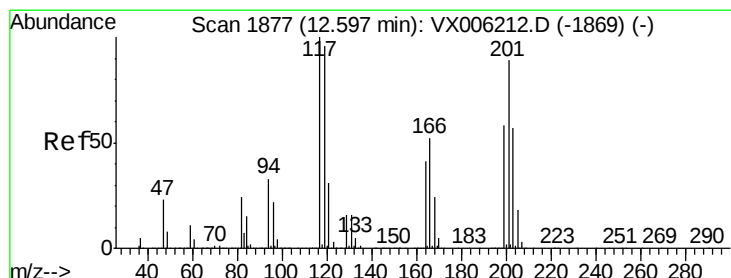
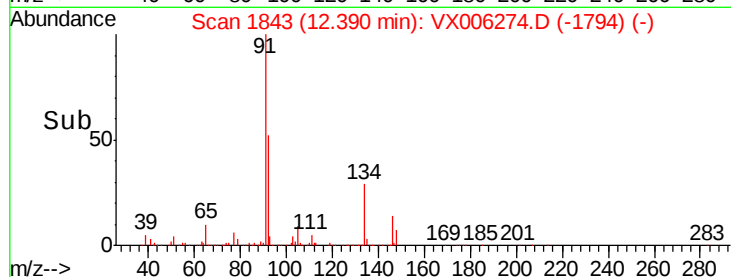
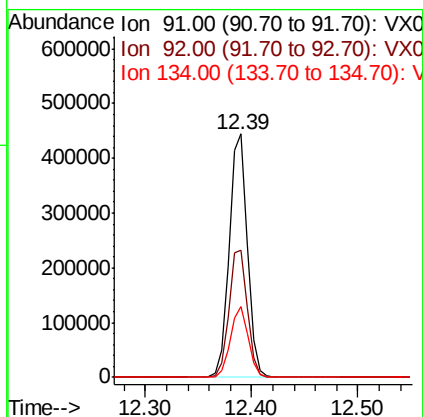
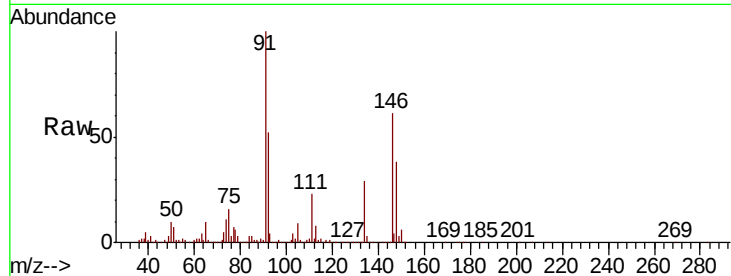




#89
n-Butylbenzene
Concen: 19.799 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

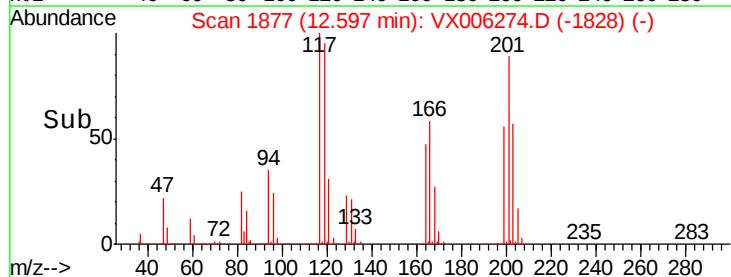
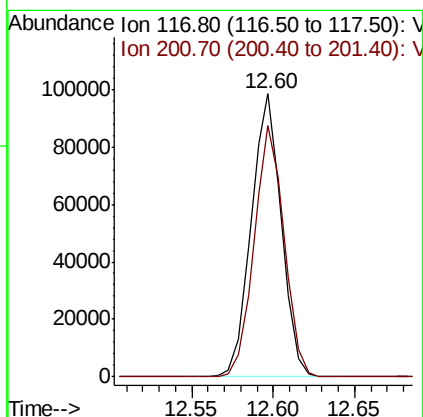
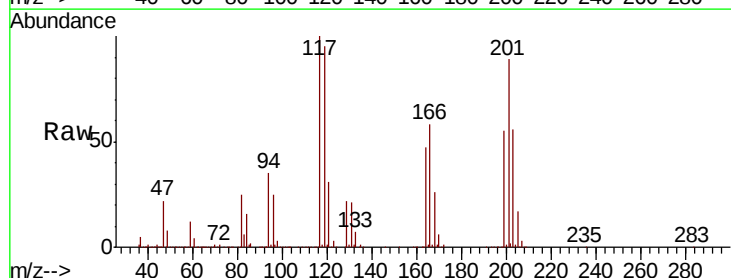
Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

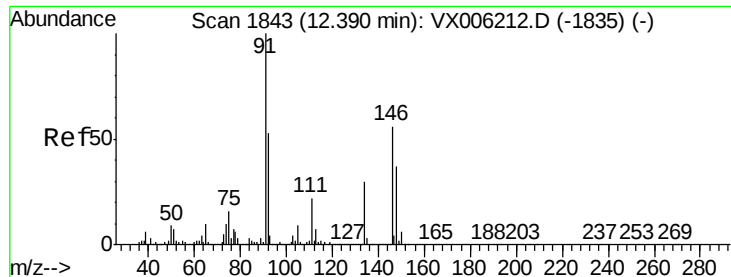
Tot Ion: 91 Resp: 529461
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 28.7 14.8 44.3



#90
Hexachloroethane
Concen: 19.702 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006274.D
Acq: 04 Dec 2018 13:22

Tgt Ion: 117 Resp: 125852
Ion Ratio Lower Upper
117 100
201 88.1 44.7 134.1





#91

1,2-Dichlorobenzene

Concen: 19.996 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

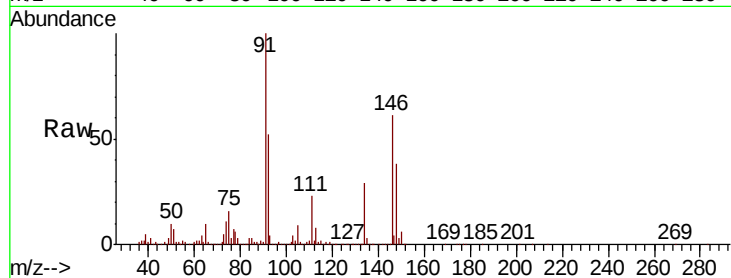
Tot Ion:146 Resp: 337743

Ion Ratio Lower Upper

146 100

111 39.1 19.1 57.3

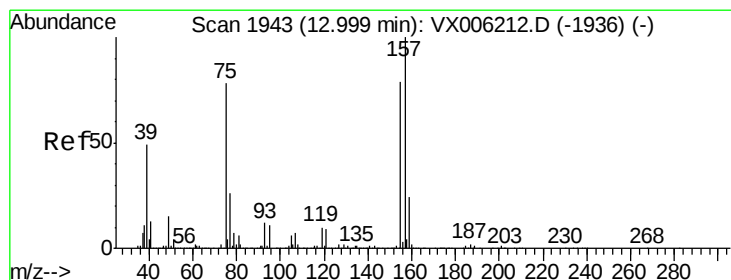
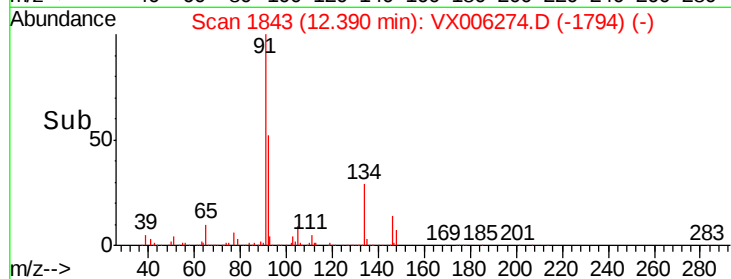
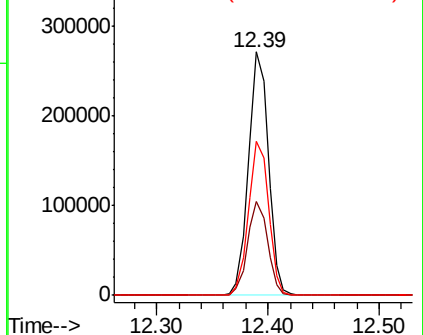
148 64.0 32.1 96.3



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: 18.162 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

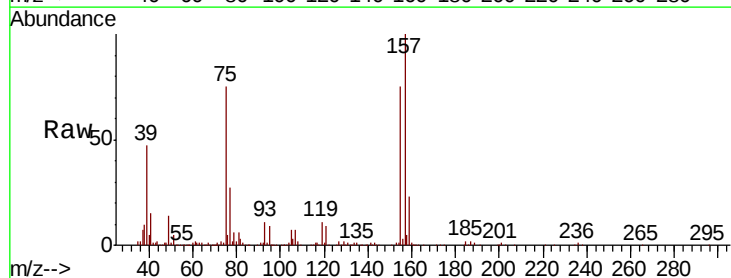
Tgt Ion: 75 Resp: 51331

Ion Ratio Lower Upper

75 100

155 103.5 53.4 160.3

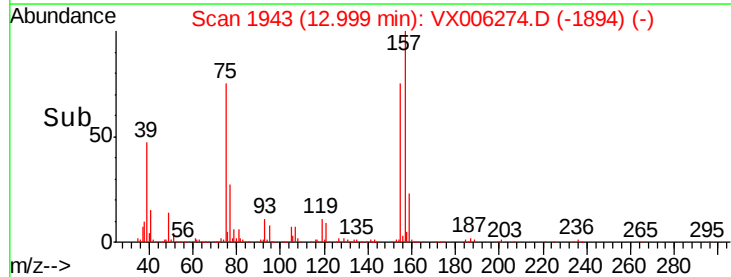
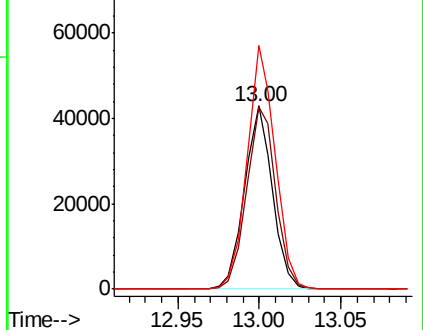
157 133.4 68.0 203.8

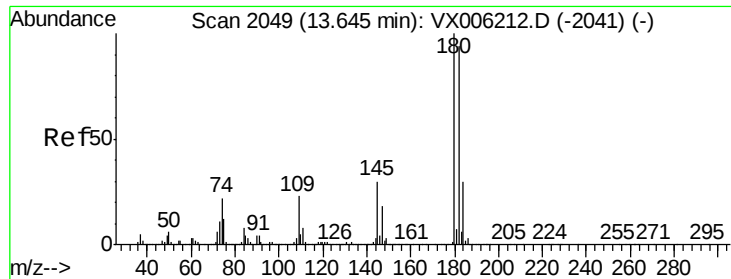


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

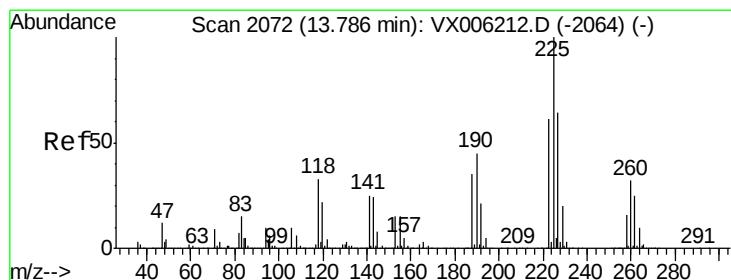
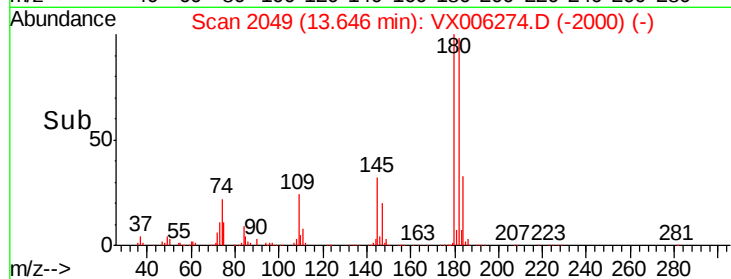
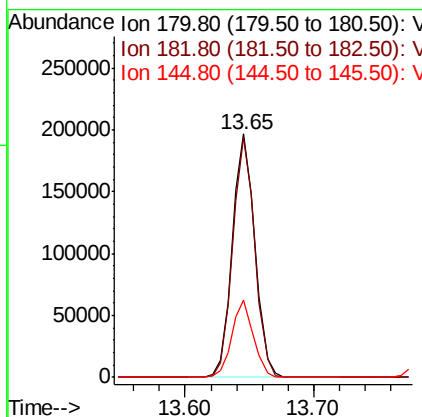
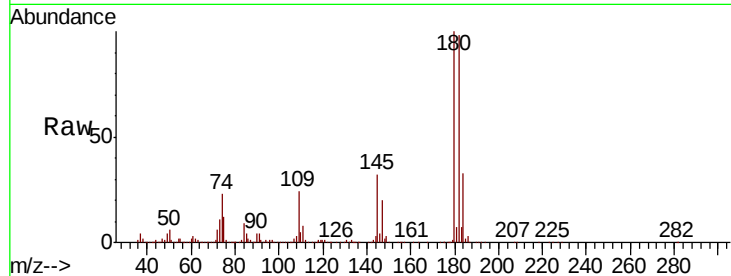




#93
 1,2,4-Trichlorobenzene
 Concen: 19.532 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

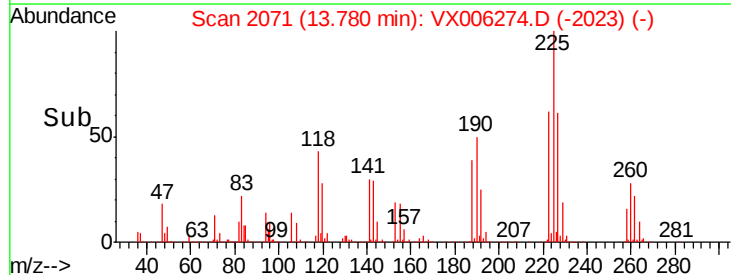
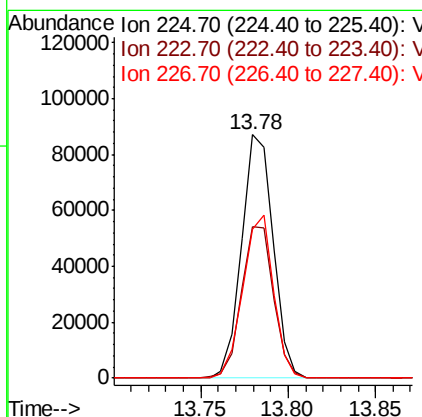
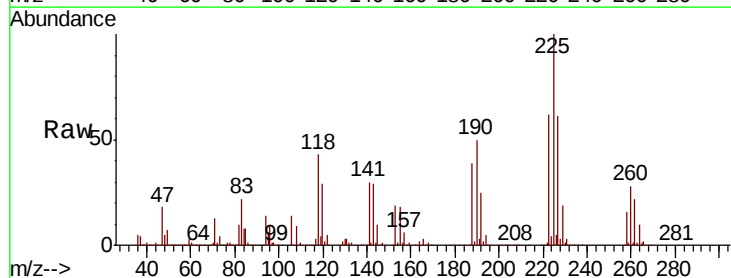
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

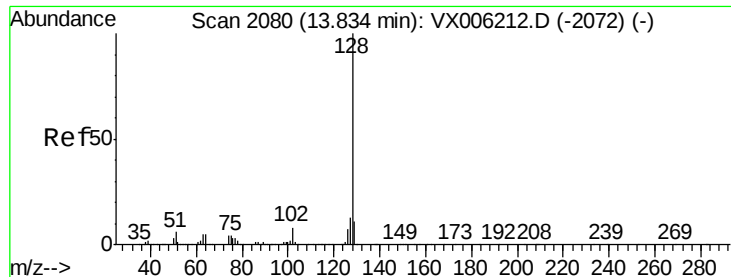
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.9
145	30.4	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 20.148 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006274.D
 Acq: 04 Dec 2018 13:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.2	93.6
227	64.6	31.9	95.5





#95

Naphthalene

Concen: 20.035 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBS01

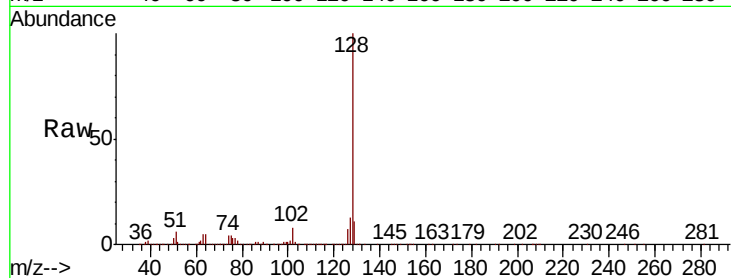
Tot Ion:128 Resp: 767972

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

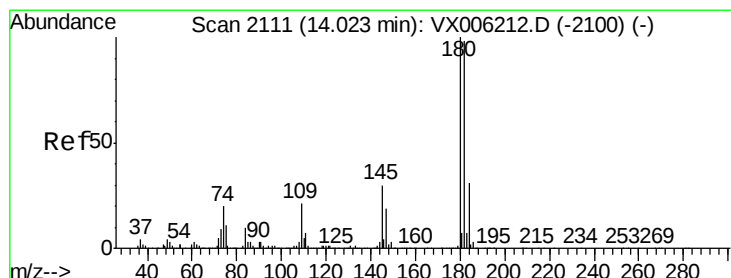
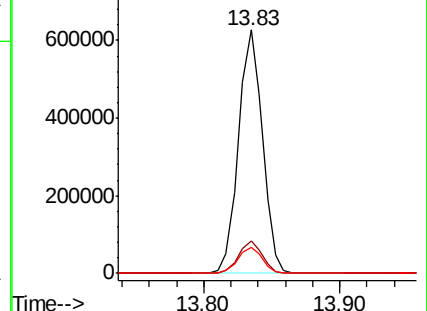
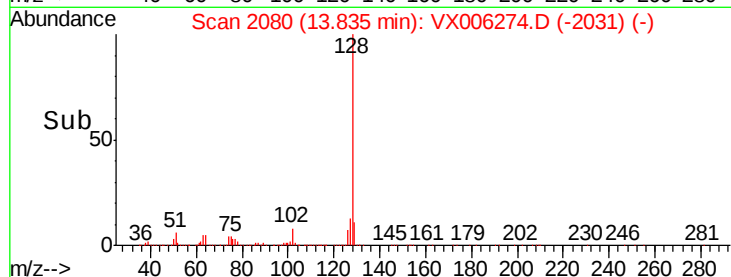
129 10.9 8.9 13.3



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: 20.231 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006274.D

Acq: 04 Dec 2018 13:22

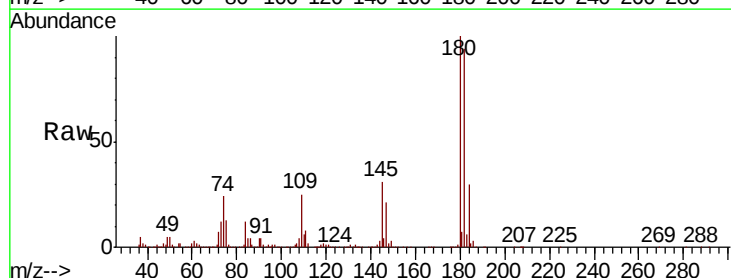
Tgt Ion:180 Resp: 246917

Ion Ratio Lower Upper

180 100

182 95.2 48.4 145.2

145 30.8 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

