

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022719\
 Data File : VX007753.D
 Acq On : 27 Feb 2019 23:51
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:05:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	425380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198603	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	173127	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.50	113	142072	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	8.71	98	520277	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	11.13	95	186792	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	114649	43.449	ug/l	98
3) Chloromethane	1.33	50	129582	44.316	ug/l	100
4) Vinyl Chloride	1.41	62	138487	46.164	ug/l	99
5) Bromomethane	1.64	94	79927	42.051	ug/l	99
6) Chloroethane	1.72	64	91181	47.574	ug/l	98
7) Trichlorofluoromethane	1.93	101	195670	42.547	ug/l	99
8) Diethyl Ether	2.19	74	85512	45.307	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	112115	40.335	ug/l	98
10) Methyl Iodide	2.51	142	173725	50.193	ug/l	99
11) Tert butyl alcohol	3.08	59	167836	249.312	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112274	44.810	ug/l	91
13) Acrolein	2.30	56	128843	215.381	ug/l	99
14) Allyl chloride	2.73	41	233781	50.462	ug/l	93
15) Acrylonitrile	3.15	53	403683	254.813	ug/l	99
16) Acetone	2.45	43	356455	225.914	ug/l	97
17) Carbon Disulfide	2.57	76	300103	43.052	ug/l	99
18) Methyl Acetate	2.78	43	186926	54.292	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	416569	47.743	ug/l	99
20) Methylene Chloride	2.86	84	128086	43.963	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	120144	44.108	ug/l	90
22) Diisopropyl ether	3.87	45	488953	50.699	ug/l	96
23) Vinyl Acetate	3.82	43	2122859	250.888	ug/l	97
24) 1,1-Dichloroethane	3.70	63	252540	48.182	ug/l	98
25) 2-Butanone	4.70	43	613957	255.448	ug/l	96
26) 2,2-Dichloropropane	4.59	77	153937	36.793	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	152700	44.058	ug/l	93
28) Bromochloromethane	5.02	49	131689	51.609	ug/l	85
29) Tetrahydrofuran	5.15	42	407675	257.323	ug/l	93
30) Chloroform	5.21	83	254427	45.317	ug/l	100
31) Cyclohexane	5.57	56	223297	45.291	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	212103	45.680	ug/l	97
36) 1,1-Dichloropropene	5.80	75	185314	48.457	ug/l	96
37) Ethyl Acetate	4.85	43	231874	54.582	ug/l	99
38) Carbon Tetrachloride	5.78	117	183788	47.842	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217526	45.005	ug/l	93
40) Benzene	6.15	78	576780	48.857	ug/l	99
41) Methacrylonitrile	5.06	41	130904	57.706	ug/l	94
42) 1,2-Dichloroethane	6.20	62	206329	51.999	ug/l	99
43) Isopropyl Acetate	6.46	43	357797	54.724	ug/l	98
44) Trichloroethene	7.21	130	154765	47.656	ug/l	94
45) 1,2-Dichloropropane	7.51	63	154492	50.519	ug/l	100
46) Dibromomethane	7.66	93	99373	46.579	ug/l	99
47) Bromodichloromethane	7.90	83	186129	50.344	ug/l	99
48) Methyl methacrylate	7.77	41	190828	55.680	ug/l	92
49) 1,4-Dioxane	7.75	88	76121	1028.355	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1179877	269.592	ug/l	99
52) Toluene	8.79	92	354940	47.679	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	201409	44.166	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	222272	49.541	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	147224	47.425	ug/l	98
56) Ethyl methacrylate	9.18	69	228928	51.857	ug/l	95
57) 1,3-Dichloropropane	9.37	76	249127	50.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	647376	265.927	ug/l	97
59) 2-Hexanone	9.49	43	892989	259.894	ug/l	99
60) Dibromochloromethane	9.59	129	150411	50.354	ug/l	97
61) 1,2-Dibromoethane	9.67	107	156580	48.581	ug/l	99
64) Tetrachloroethene	9.34	164	159765	51.551	ug/l	98
65) Chlorobenzene	10.14	112	388696	47.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	144825	50.285	ug/l	99
67) Ethyl Benzene	10.25	91	657189	48.049	ug/l	99
68) m/p-Xylenes	10.36	106	507496	95.377	ug/l	96
69) o-Xylene	10.69	106	249651	48.778	ug/l	97
70) Styrene	10.71	104	416407	49.498	ug/l	99
71) Bromoform	10.86	173	118464	54.852	ug/l #	99
73) Isopropylbenzene	11.02	105	662815	46.696	ug/l	99
74) N-amyl acetate	10.90	43	309235	50.168	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	218988	44.606	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	255778	60.420	ug/l	80
77) Bromobenzene	11.26	156	176767	49.650	ug/l	94
78) n-propylbenzene	11.36	91	737255	45.964	ug/l	98
79) 2-Chlorotoluene	11.42	91	440998	45.662	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	548839	47.007	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	62462	40.169	ug/l	96
82) 4-Chlorotoluene	11.51	91	508066	44.969	ug/l	98
83) tert-Butylbenzene	11.77	119	533197	47.563	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	560359	46.919	ug/l	99
85) sec-Butylbenzene	11.94	105	650050	46.274	ug/l	99
86) p-Isopropyltoluene	12.06	119	581139	47.238	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	310456	47.011	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	311523	46.060	ug/l	99
89) n-Butylbenzene	12.39	91	489424	44.608	ug/l	100
90) Hexachloroethane	12.60	117	93040	44.884	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	312423	47.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49074	45.877	ug/l	95

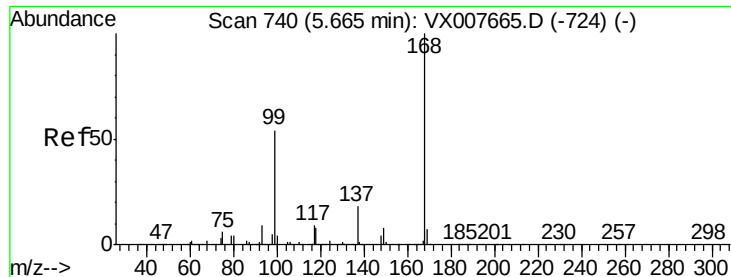
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	216375	53.646	ug/l	100
94) Hexachlorobutadiene	13.78	225	113081	61.286	ug/l	99
95) Naphthalene	13.83	128	674957	51.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	220674	54.489	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: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

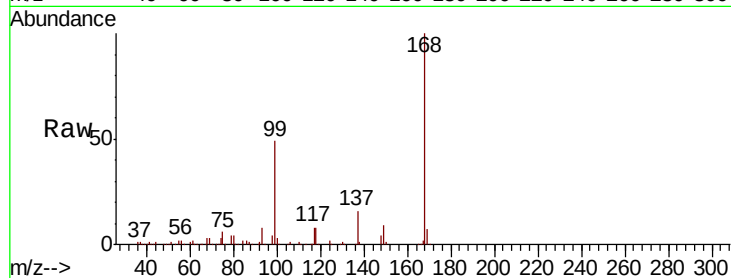
ClientSampled :

Tot Ion:168 Resp: 286440

Ion Ratio Lower Upper

168 100

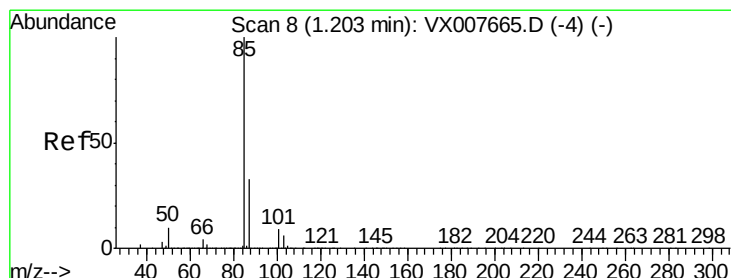
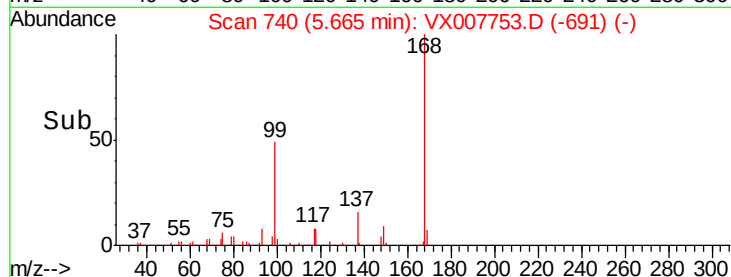
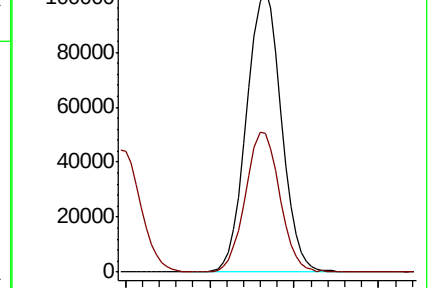
99 49.0 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#2

Dichlorodifluoromethane

Concen: 43.449 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX007753.D

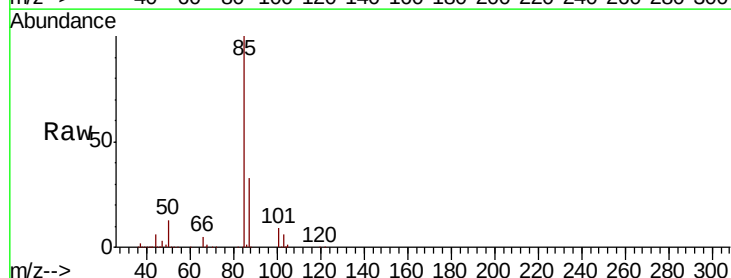
Acq: 27 Feb 2019 23:51

Tgt Ion: 85 Resp: 114649

Ion Ratio Lower Upper

85 100

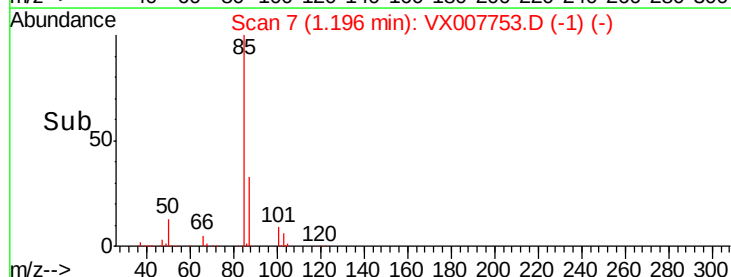
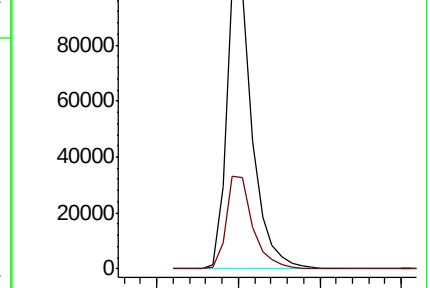
87 32.5 15.8 47.4

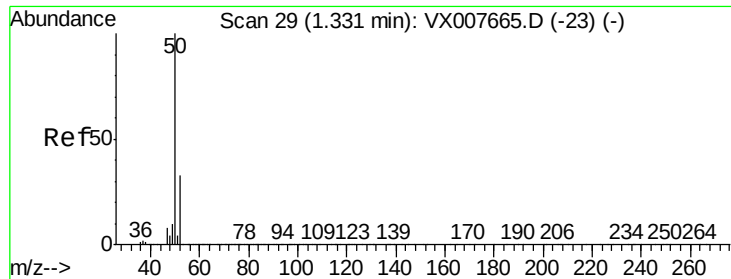


Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20





#3

Chloromethane

Concen: 44.316 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

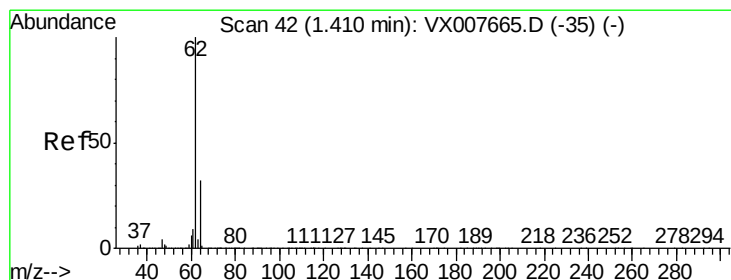
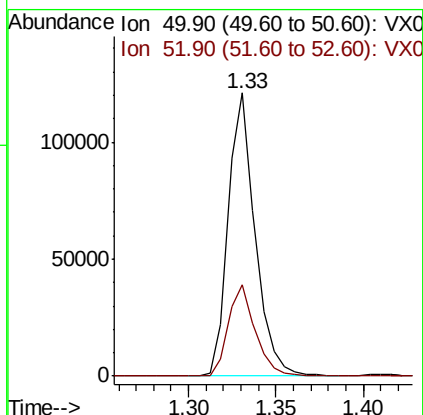
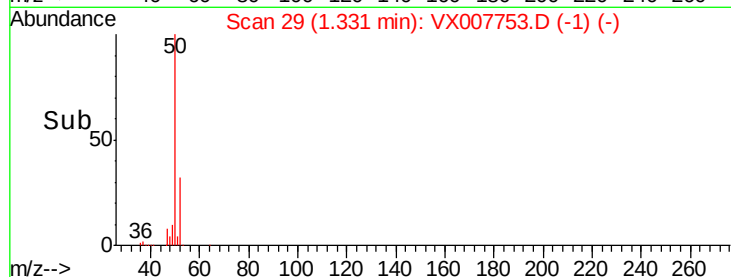
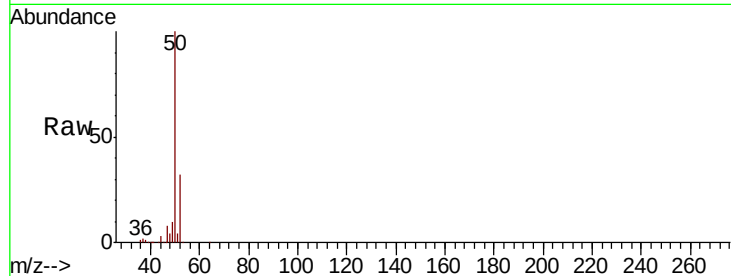
ClientSampled :

Tot Ion: 50 Resp: 129582

Ion Ratio Lower Upper

50 100

52 32.4 26.1 39.1



#4

Vinyl Chloride

Concen: 46.164 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007753.D

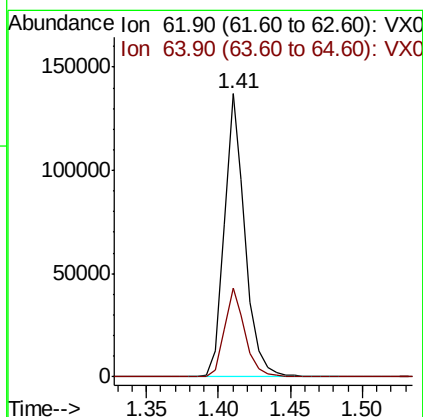
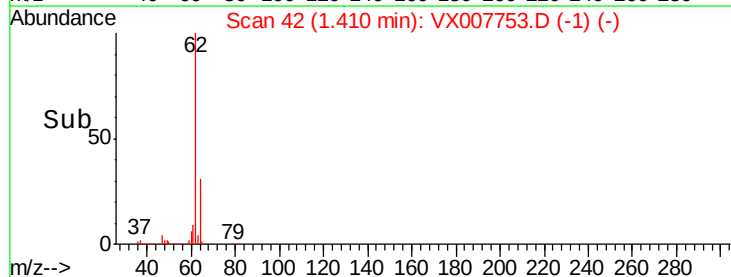
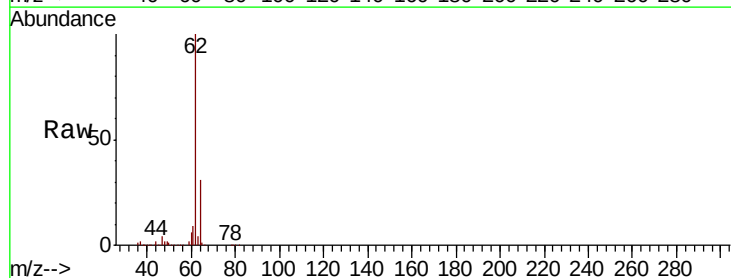
Acq: 27 Feb 2019 23:51

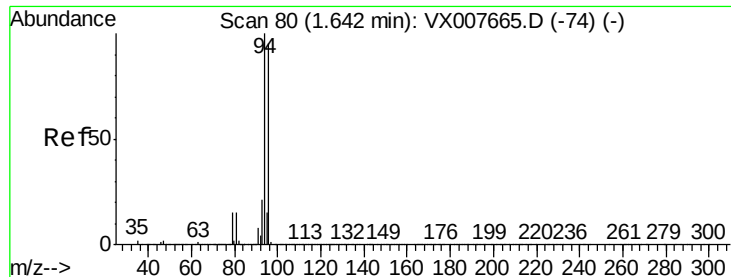
Tgt Ion: 62 Resp: 138487

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 42.051 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

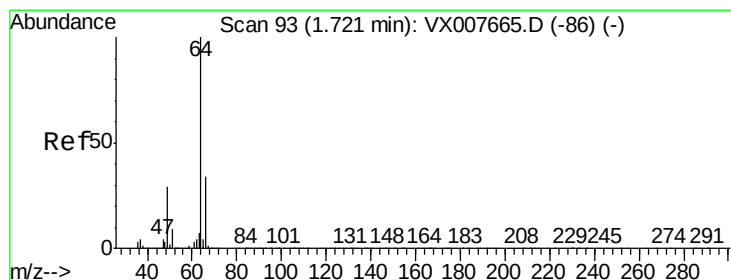
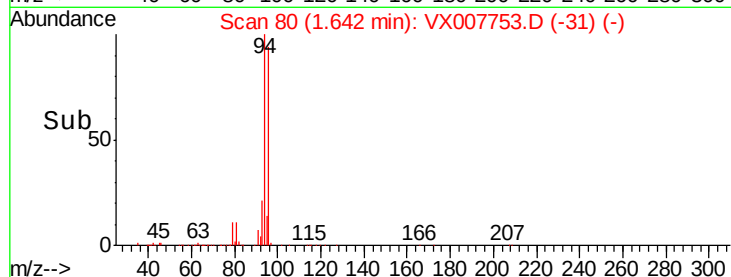
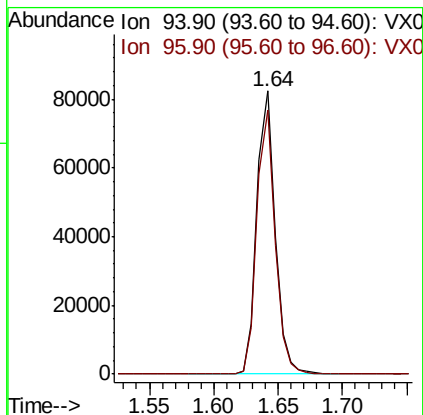
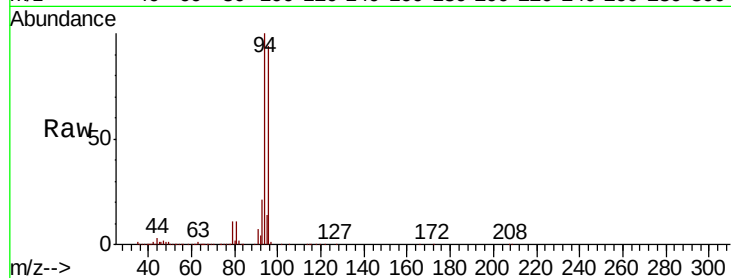
ClientSampleId :

Tot Ion: 94 Resp: 79927

Ion Ratio Lower Upper

94 100

96 93.4 73.9 110.9



#6

Chloroethane

Concen: 47.574 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007753.D

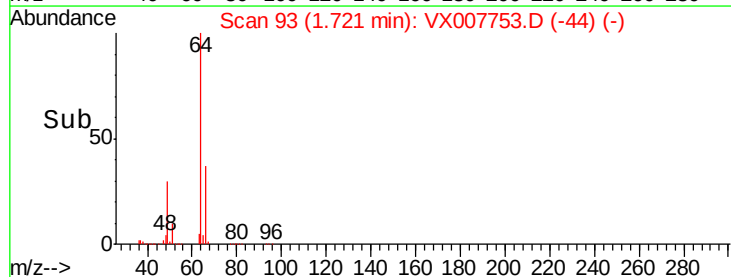
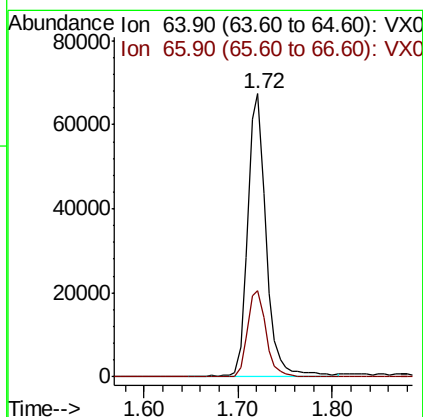
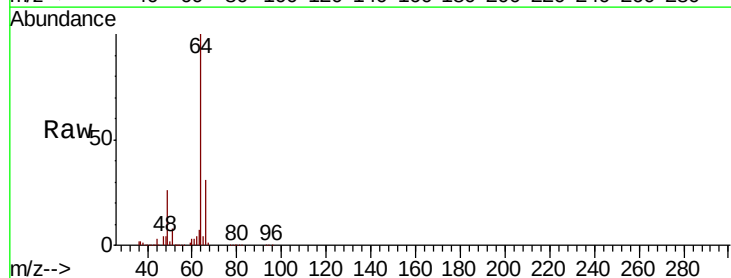
Acq: 27 Feb 2019 23:51

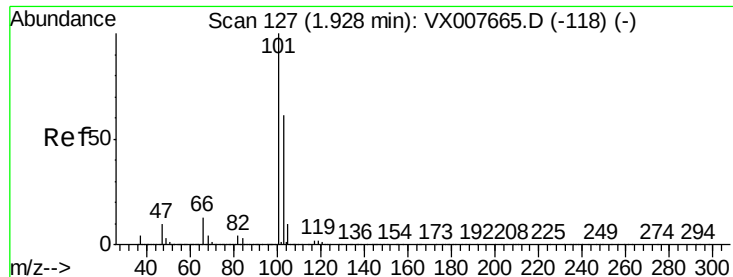
Tgt Ion: 64 Resp: 91181

Ion Ratio Lower Upper

64 100

66 30.5 25.5 38.3



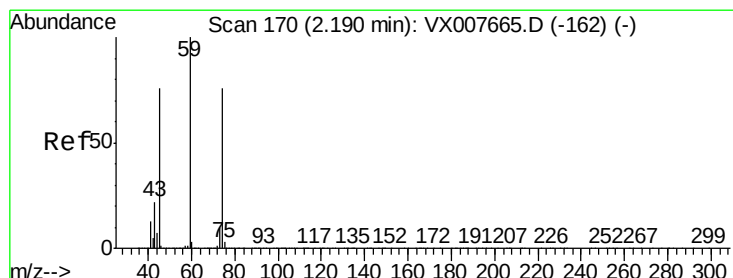
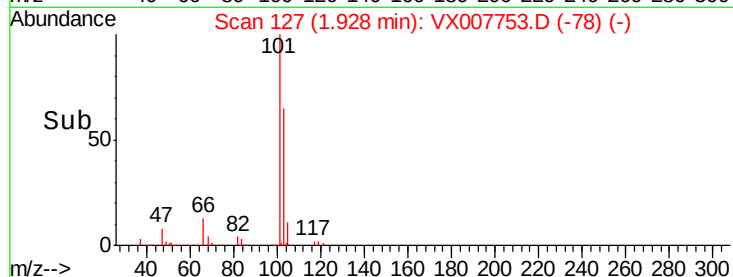
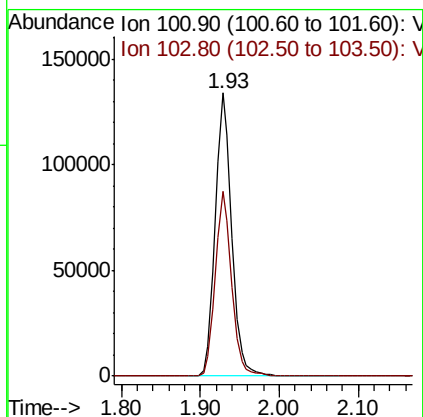
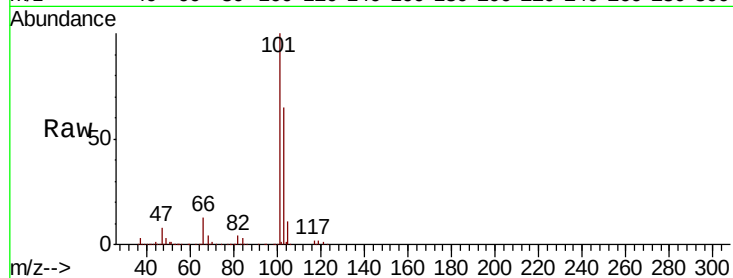


#7

Trichlorofluoromethane
Concen: 42.547 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

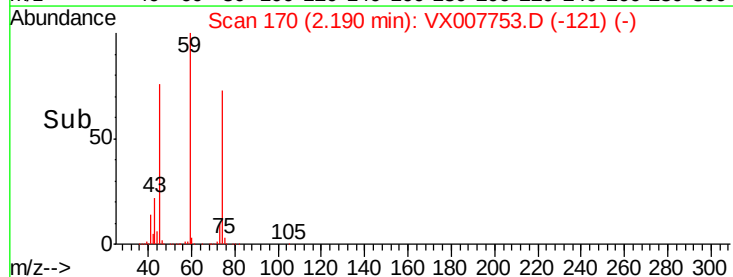
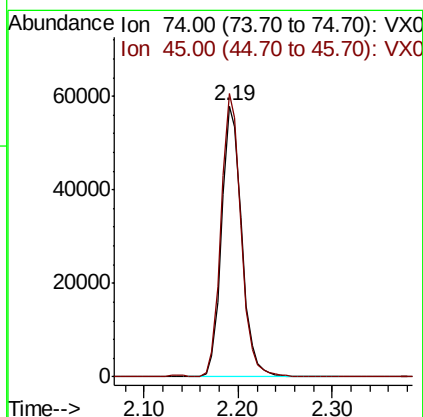
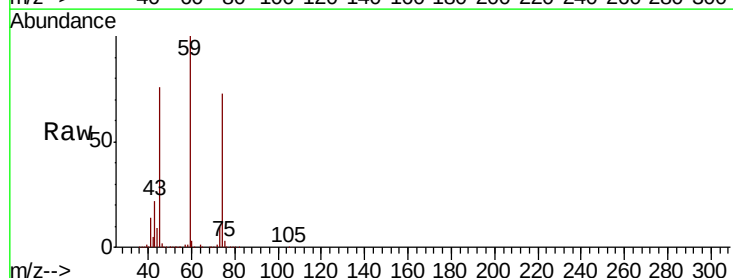
Tot Ion:101 Resp: 195670
Ion Ratio Lower Upper
101 100
103 65.2 52.6 79.0

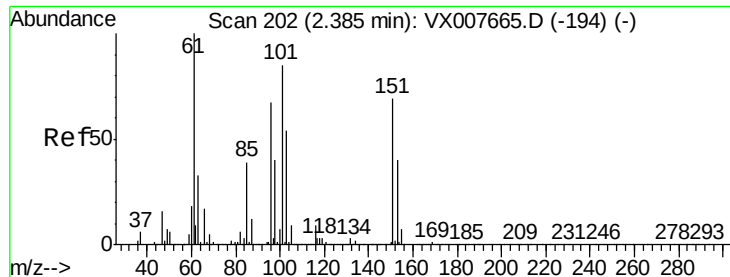


#8

Diethyl Ether
Concen: 45.307 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 74 Resp: 85512
Ion Ratio Lower Upper
74 100
45 103.3 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.335 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

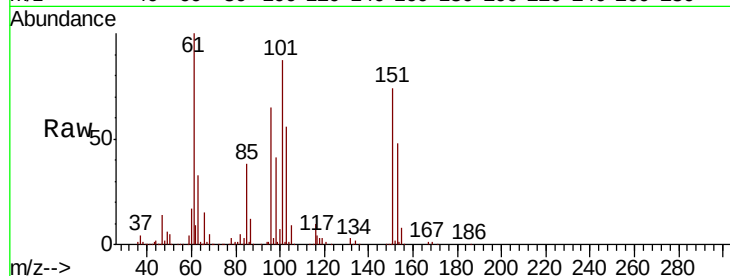
Tot Ion:101 Resp: 112115

Ion Ratio Lower Upper

101 100

85 44.0 34.1 51.1

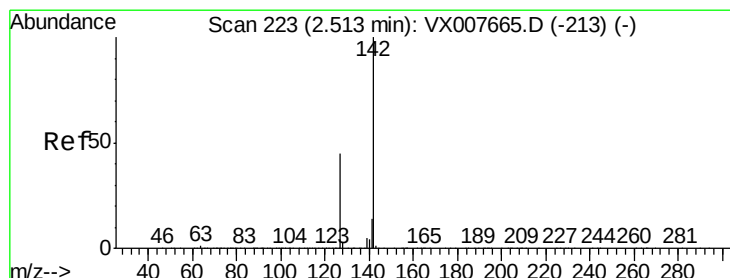
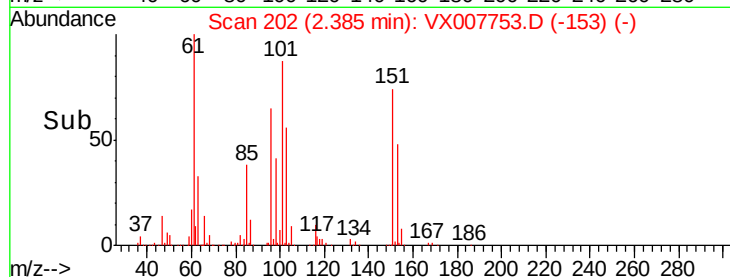
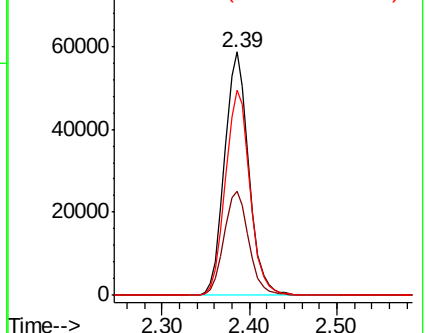
151 85.9 69.9 104.9



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: 50.193 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

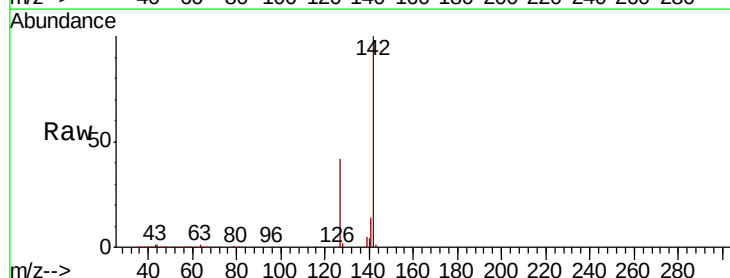
Tgt Ion:142 Resp: 173725

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

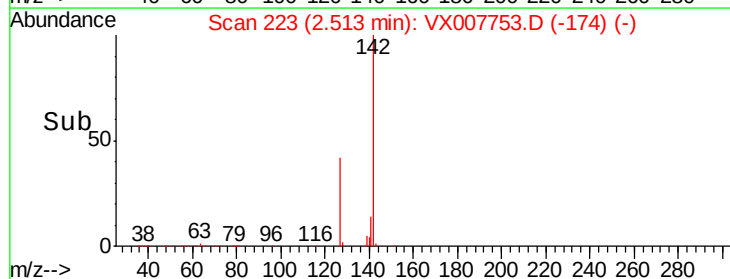
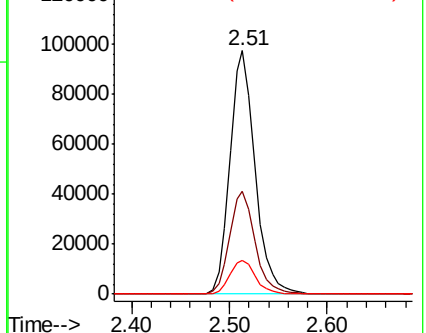
141 14.3 11.3 16.9

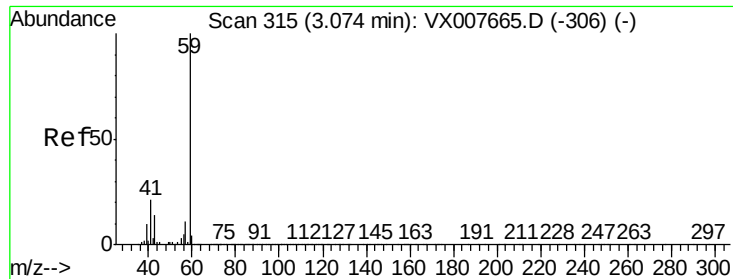


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



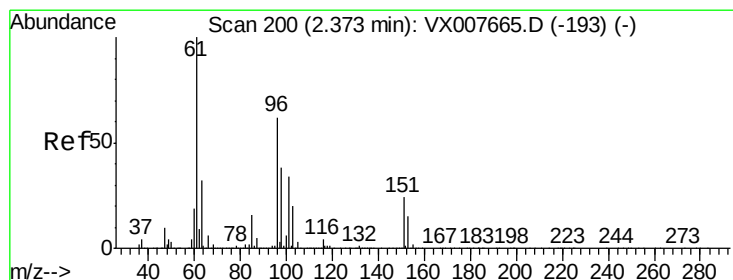
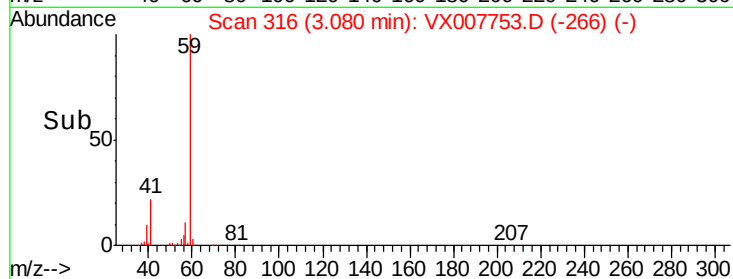
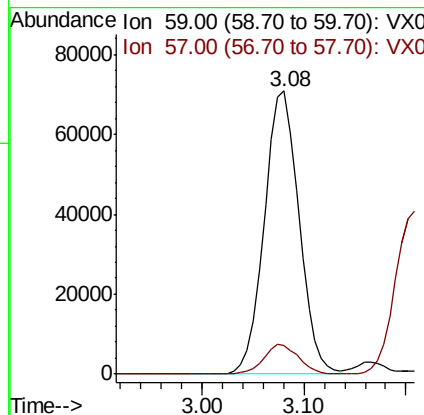
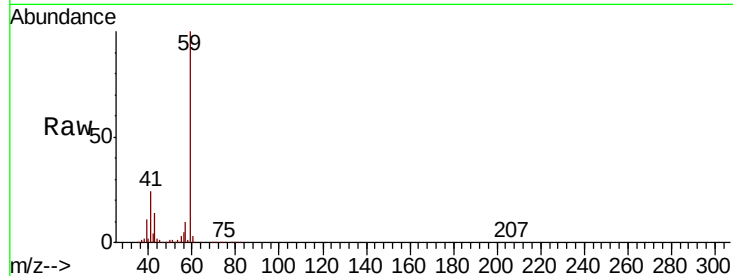


#11

Tert butyl alcohol
Concen: 249.312 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

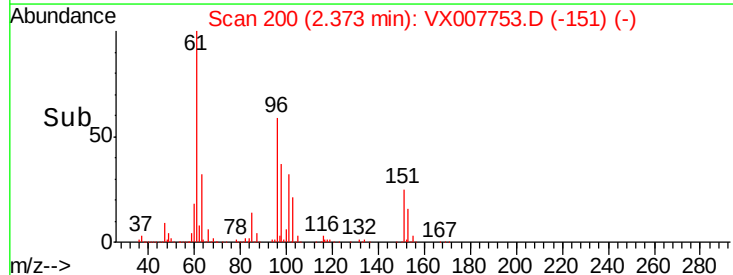
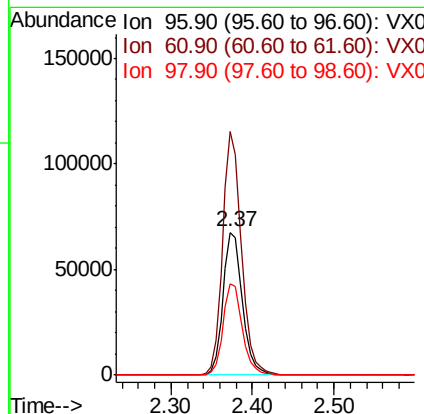
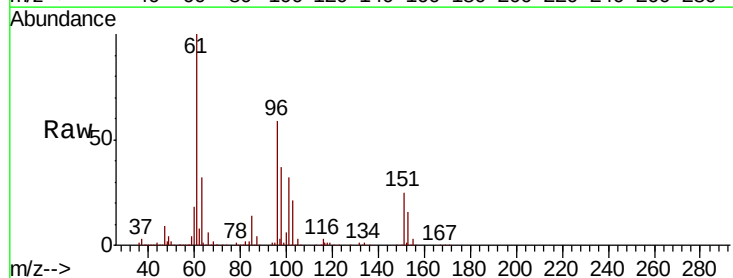
Tot Ion: 59 Resp: 167836
Ion Ratio Lower Upper
59 100
57 10.6 8.1 12.1

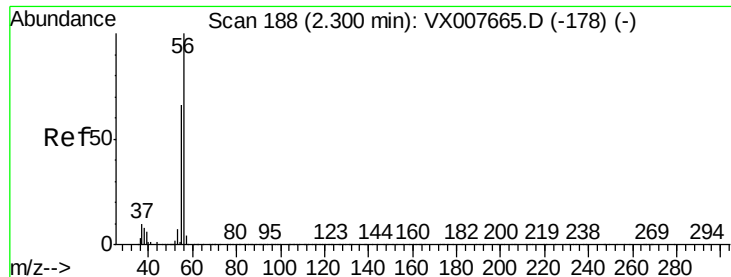


#12

1,1-Dichloroethene
Concen: 44.810 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 96 Resp: 112274
Ion Ratio Lower Upper
96 100
61 170.6 123.0 184.4
98 63.6 50.9 76.3

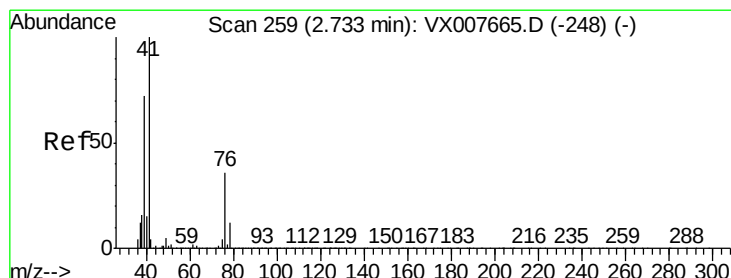
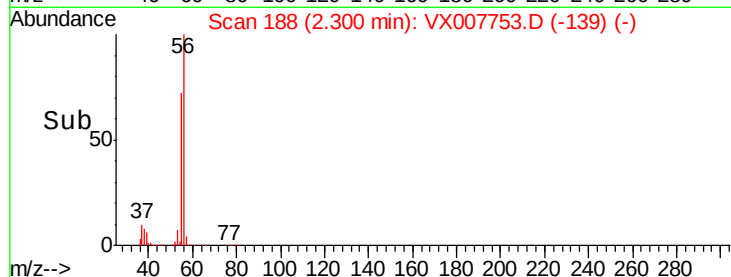
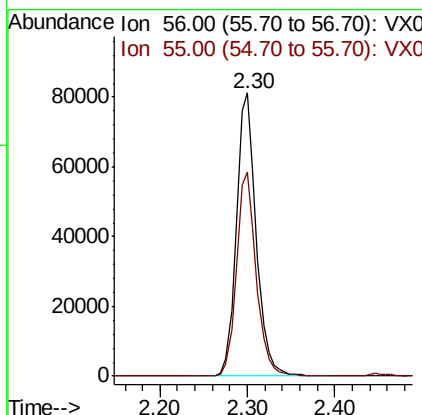
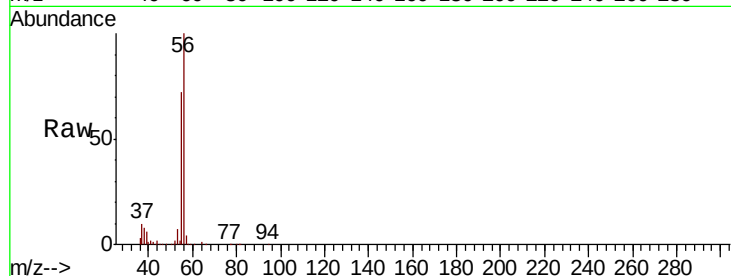




#13
Acrolein
Concen: 215.381 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

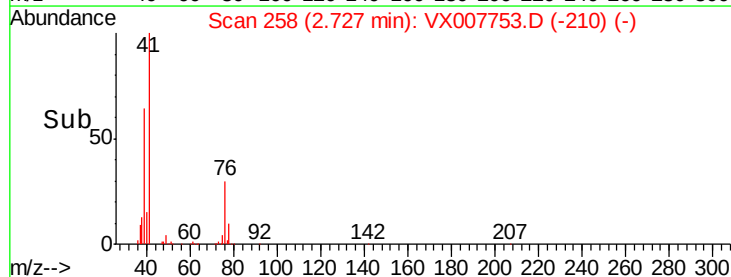
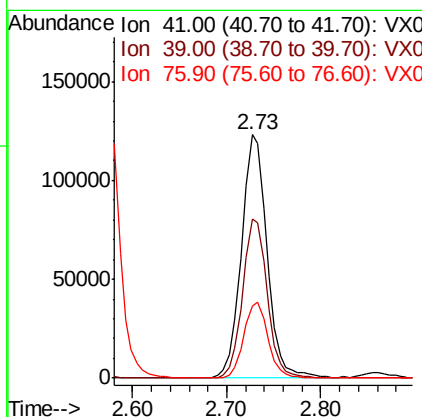
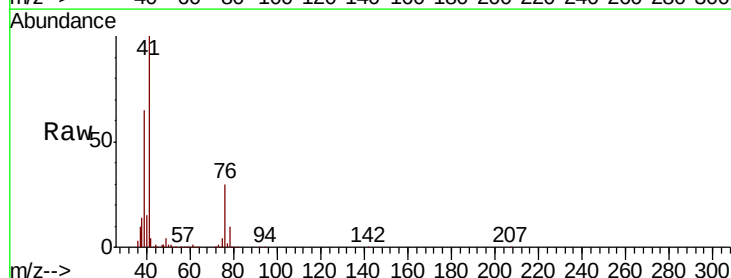
Instrument :
MSVOA_X
ClientSampleId :

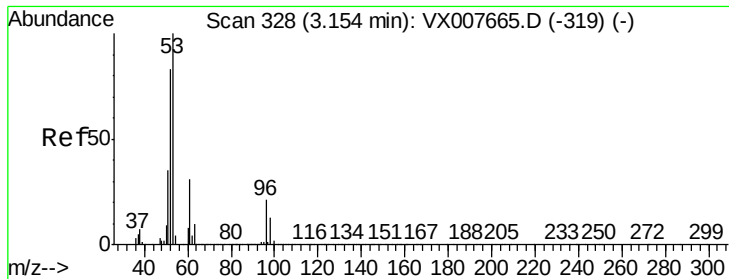
Tot Ion: 56 Resp: 128843
Ion Ratio Lower Upper
56 100
55 71.6 56.9 85.3



#14
Allyl chloride
Concen: 50.462 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 41 Resp: 233781
Ion Ratio Lower Upper
41 100
39 62.9 54.1 81.1
76 29.5 27.8 41.8

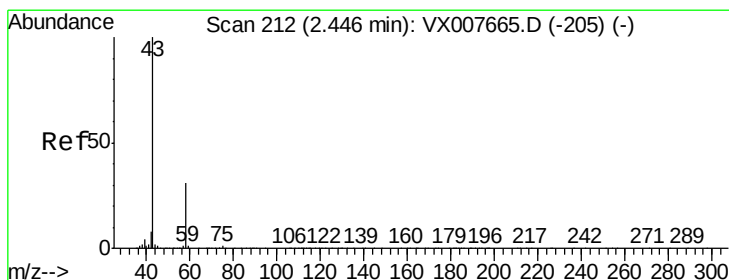
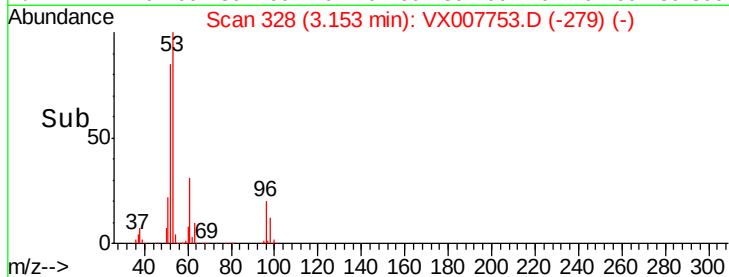
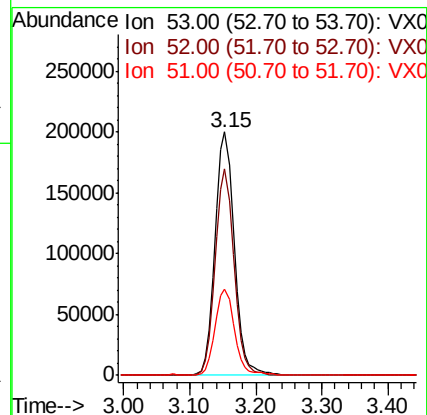
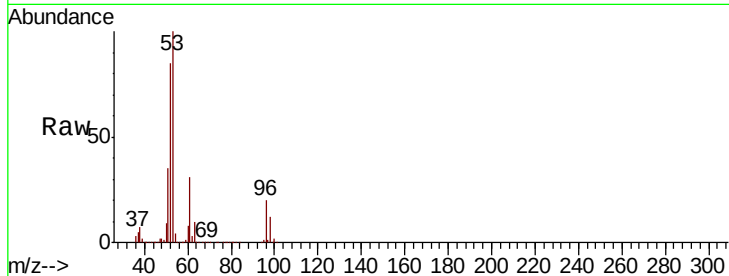




#15
 Acrylonitrile
 Concen: 254.813 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

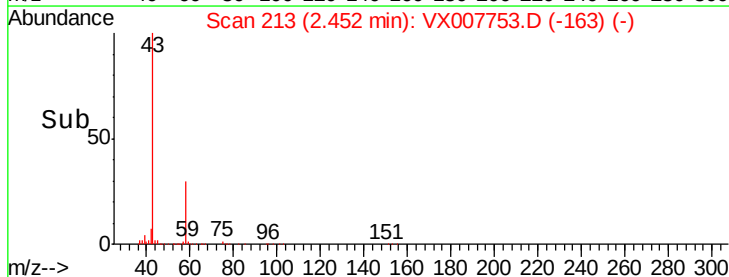
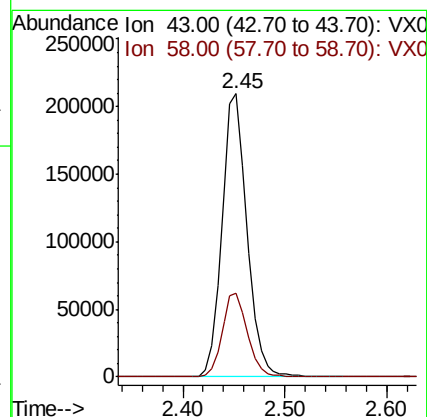
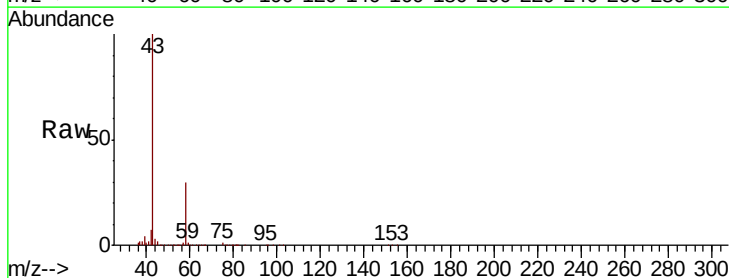
Instrument :
 MSVOA_X
 ClientSampled :

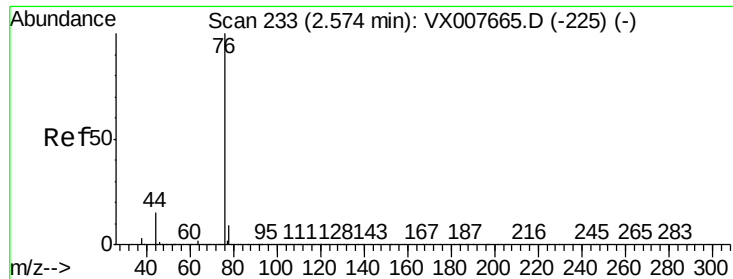
Tot Ion: 53 Resp: 403683
 Ion Ratio Lower Upper
 53 100
 52 82.6 66.4 99.6
 51 36.0 28.4 42.6



#16
 Acetone
 Concen: 225.914 ug/l
 RT: 2.45 min Scan# 213
 Delta R.T. 0.01 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion: 43 Resp: 356455
 Ion Ratio Lower Upper
 43 100
 58 29.7 24.9 37.3

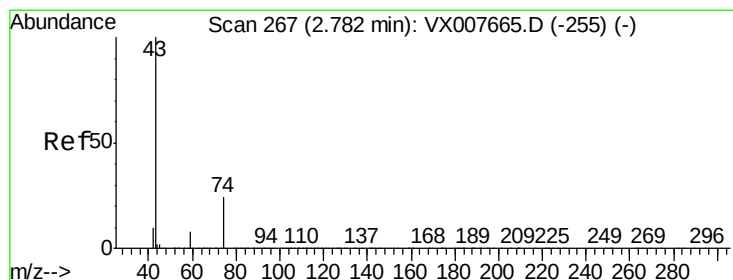
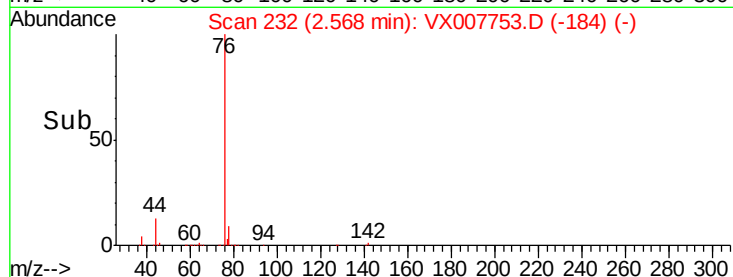
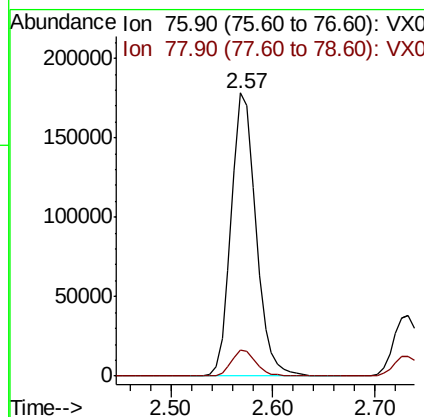
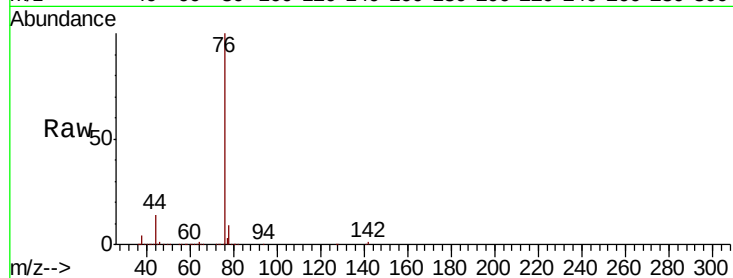




#17
Carbon Disulfide
Concen: 43.052 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

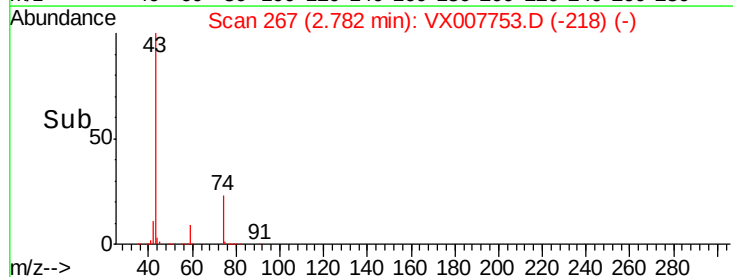
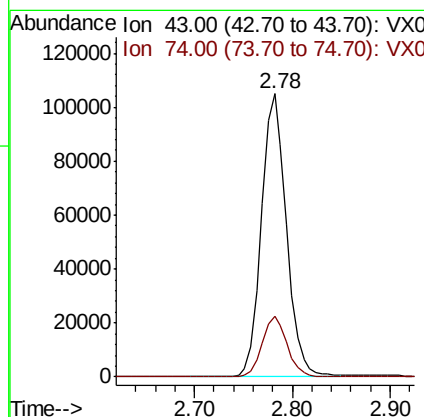
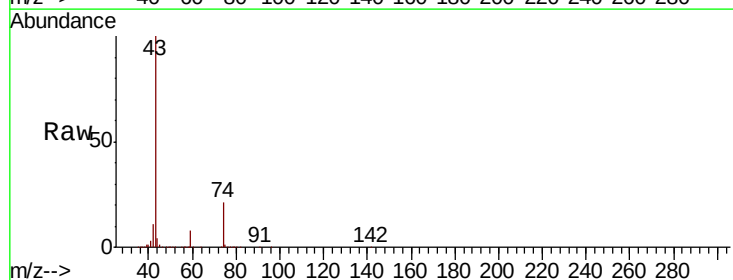
Instrument :
MSVOA_X
ClientSampleId :

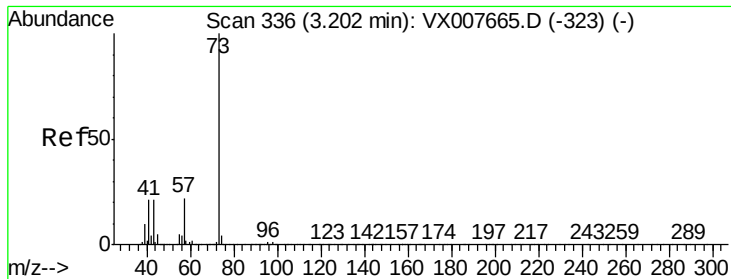
Tot Ion: 76 Resp: 300103
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 54.292 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 43 Resp: 186926
Ion Ratio Lower Upper
43 100
74 21.0 19.4 29.2

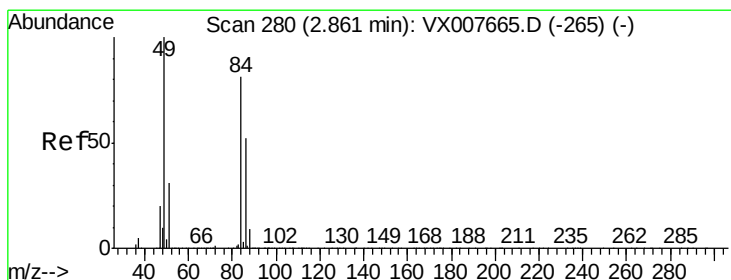
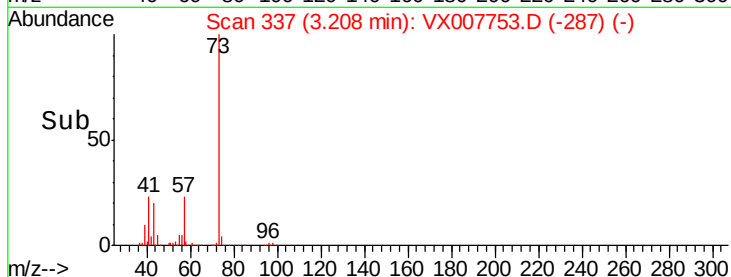
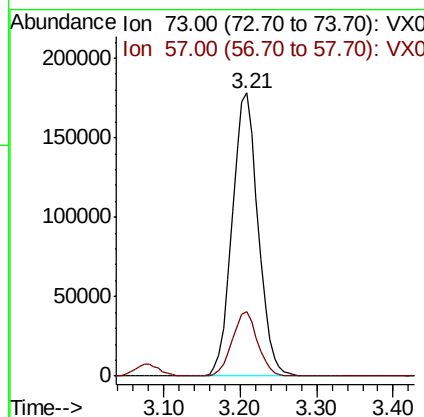
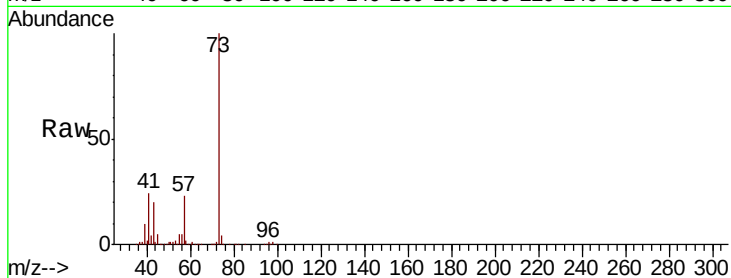




#19
Methyl tert-butyl Ether
Concen: 47.743 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

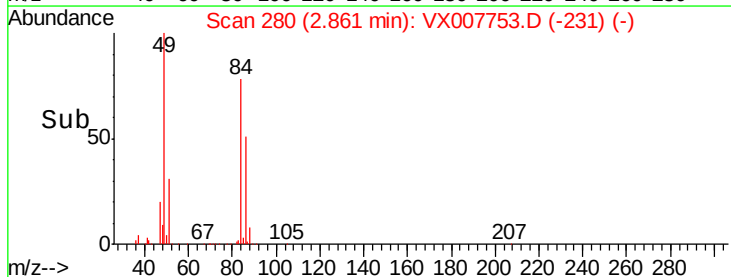
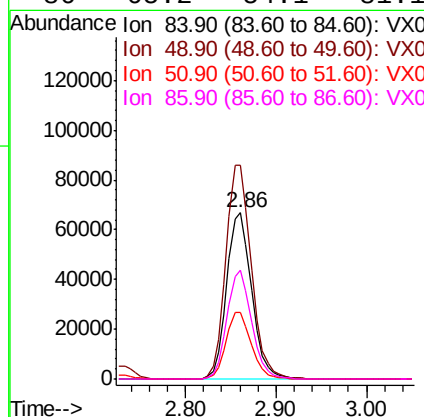
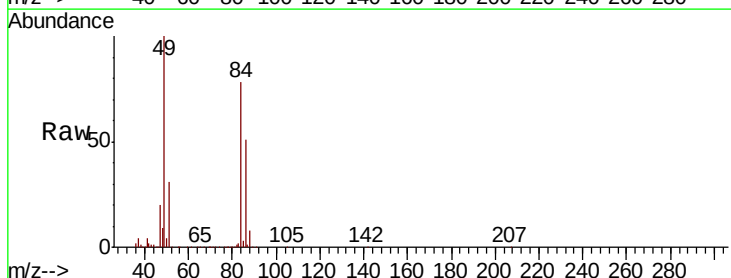
Instrument :
MSVOA_X
ClientSampleId :

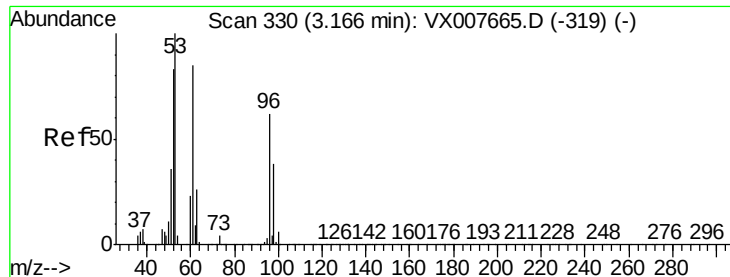
Tot Ion: 73 Resp: 416569
Ion Ratio Lower Upper
73 100
57 22.9 17.8 26.8



#20
Methylene Chloride
Concen: 43.963 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 84 Resp: 128086
Ion Ratio Lower Upper
84 100
49 128.4 94.8 142.2
51 40.1 29.8 44.8
86 65.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 44.108 ug/l

RT: 3.17 min Scan# 330

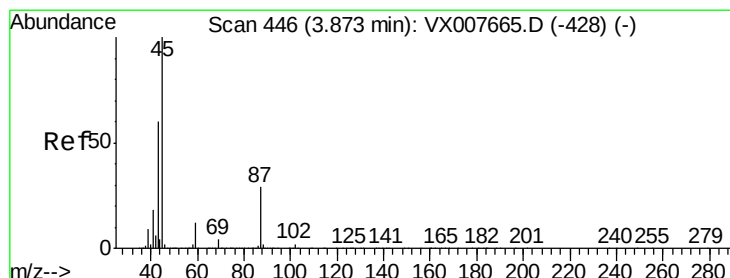
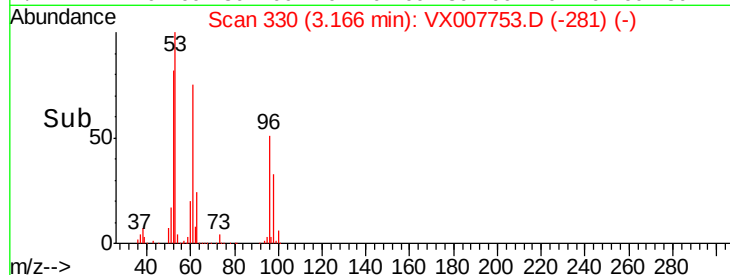
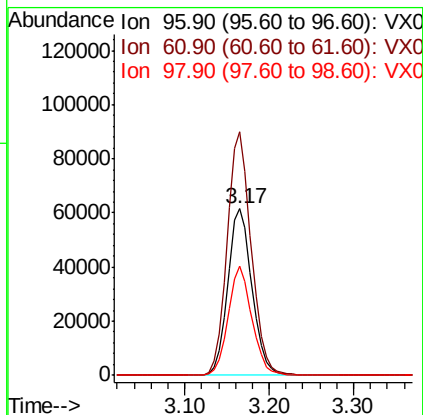
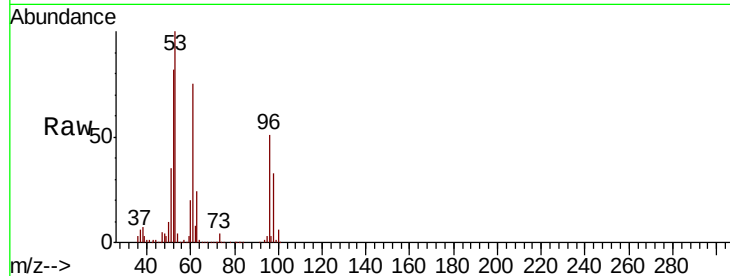
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	96	Resp:	120144
Ion	Ratio	Lower	Upper
96	100		
61	146.1	104.6	156.8
98	65.2	51.0	76.4



#22

Diisopropyl ether

Concen: 50.699 ug/l

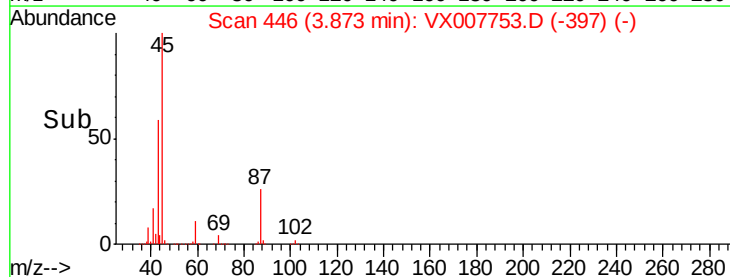
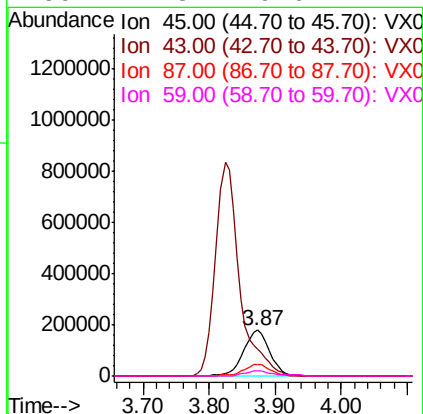
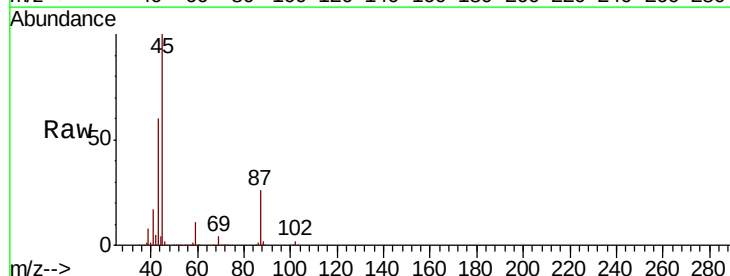
RT: 3.87 min Scan# 446

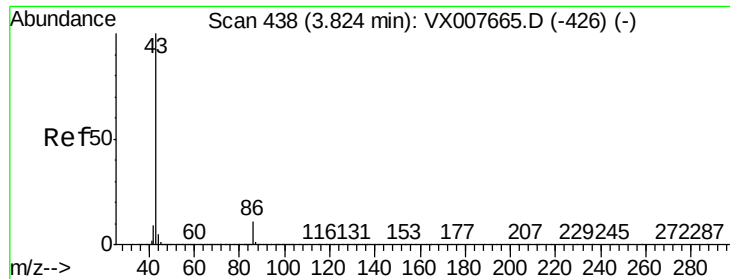
Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:	45	Resp:	488953
Ion	Ratio	Lower	Upper
45	100		
43	59.2	48.9	73.3
87	25.6	23.9	35.9
59	11.3	9.6	14.4





#23

Vinyl Acetate

Concen: 250.888 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

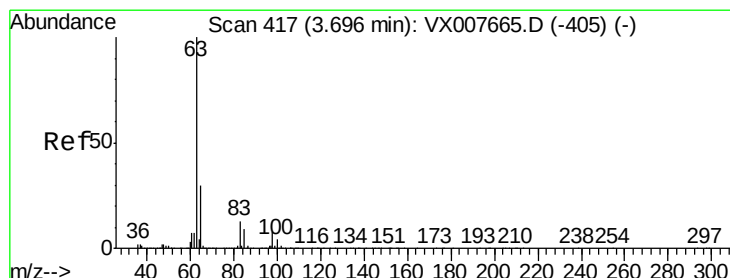
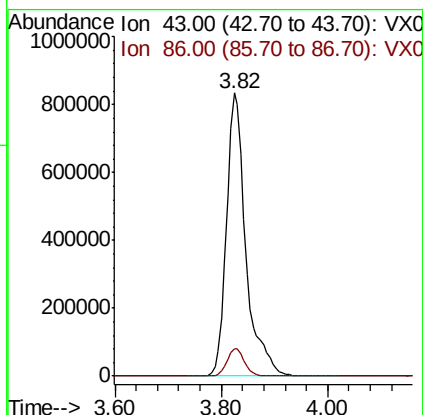
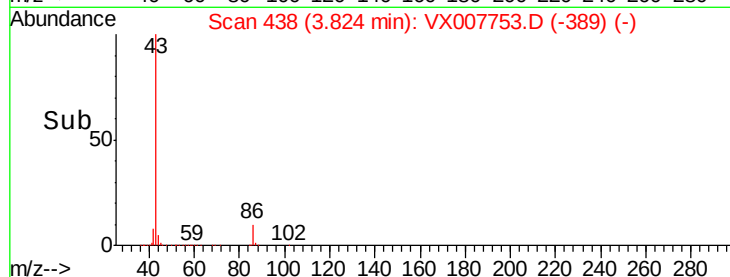
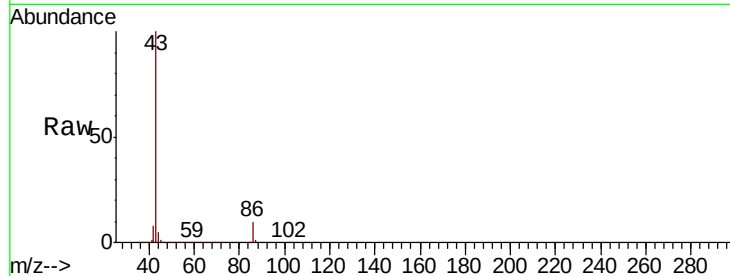
ClientSampleId :

Tot Ion: 43 Resp: 2122859

Ion Ratio Lower Upper

43 100

86 9.7 8.7 13.1



#24

1,1-Dichloroethane

Concen: 48.182 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

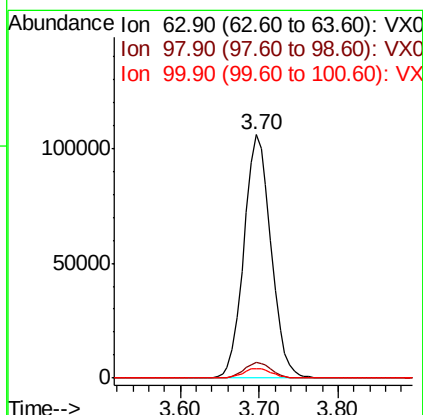
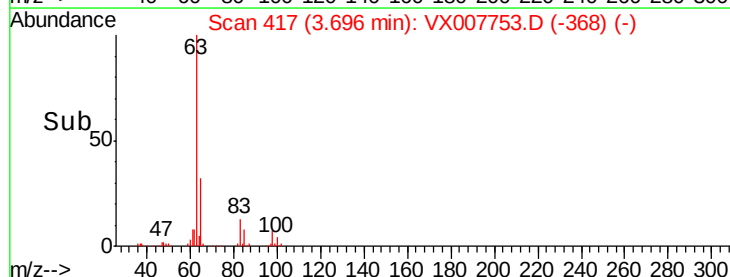
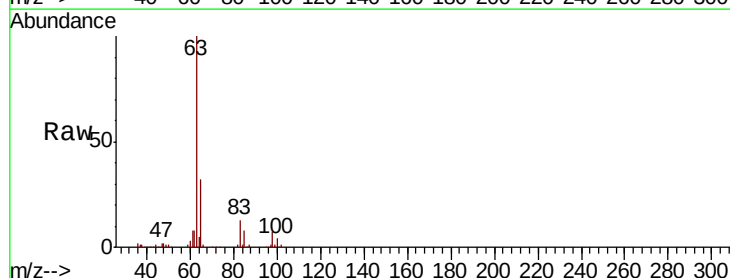
Tgt Ion: 63 Resp: 252540

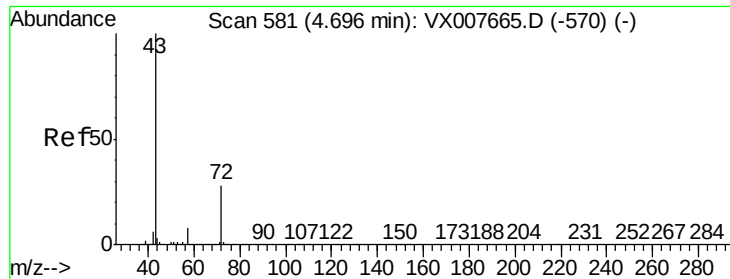
Ion Ratio Lower Upper

63 100

98 6.7 3.6 10.8

100 4.0 2.5 7.4





#25

2-Butanone

Concen: 255.448 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

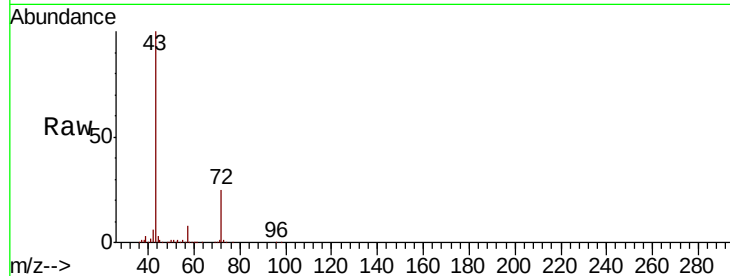
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 613957

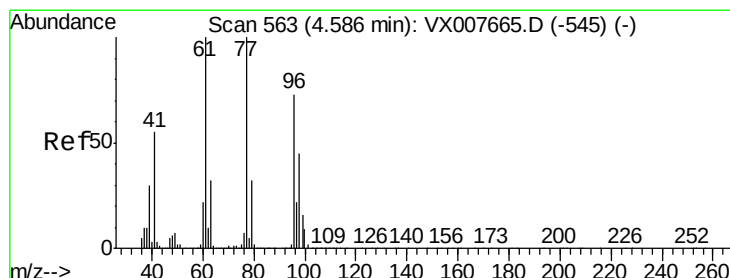
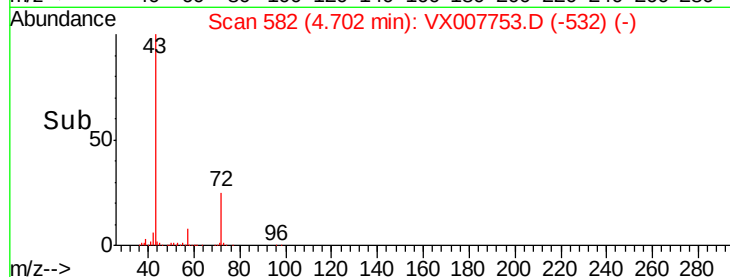
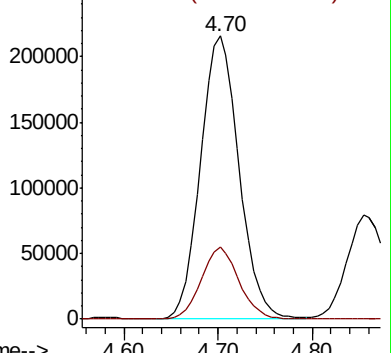
Ion Ratio Lower Upper

43 100

72 25.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 36.793 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007753.D

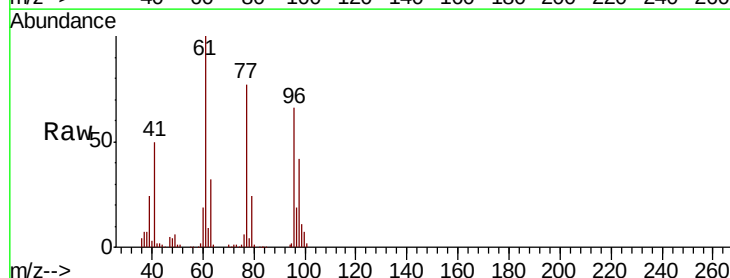
Acq: 27 Feb 2019 23:51

Tgt Ion: 77 Resp: 153937

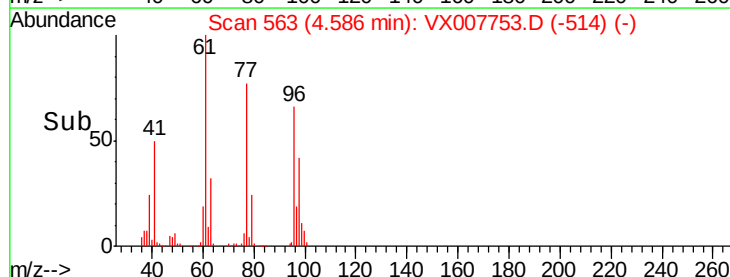
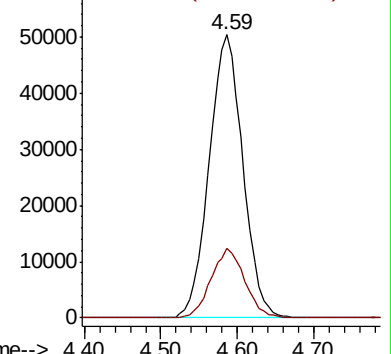
Ion Ratio Lower Upper

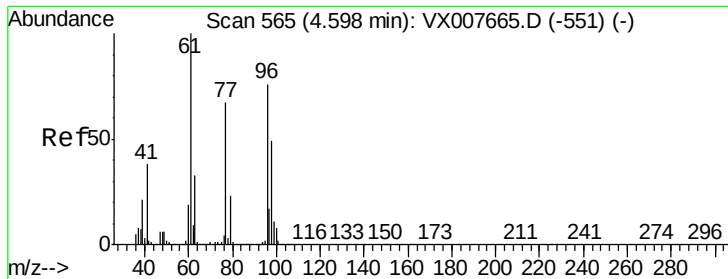
77 100

97 24.7 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0



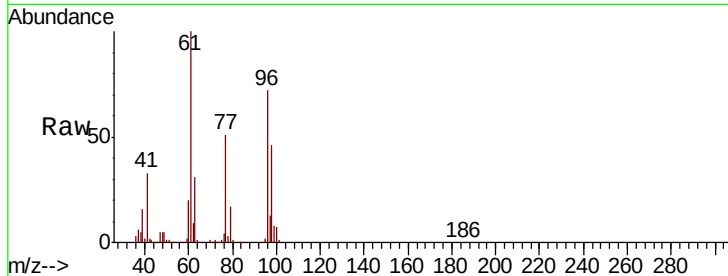


#27

cis-1,2-Dichloroethene
 Concen: 44.058 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	265.6
98	64.6	0.0	131.6

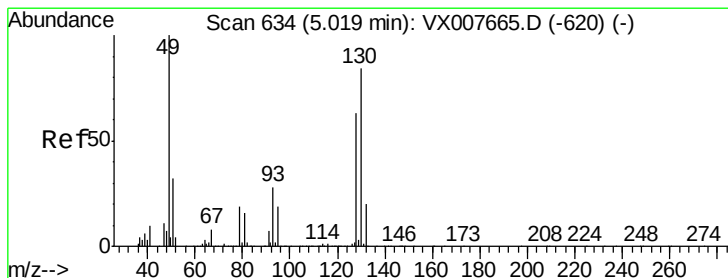
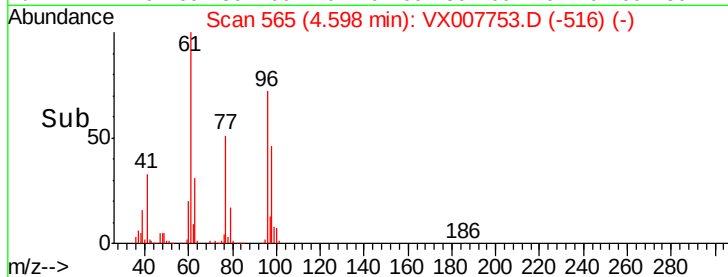
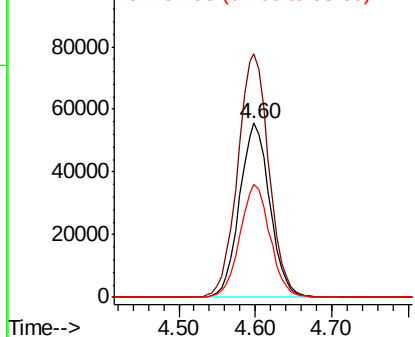


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

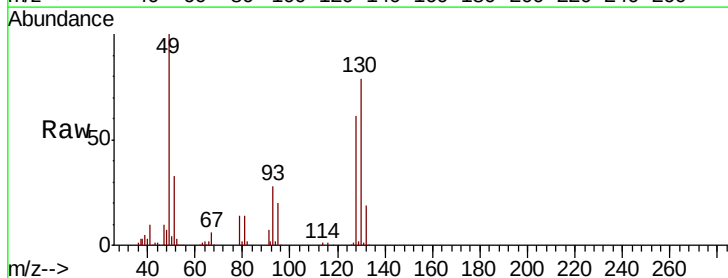
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 51.609 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	79.8	75.6	113.4

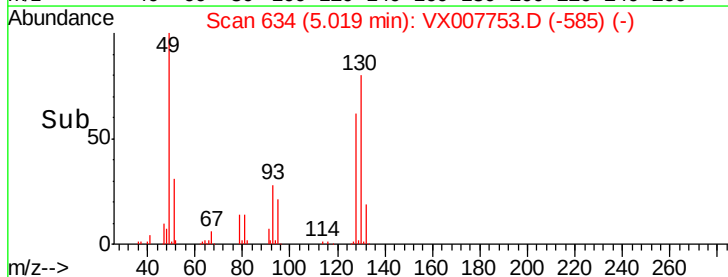
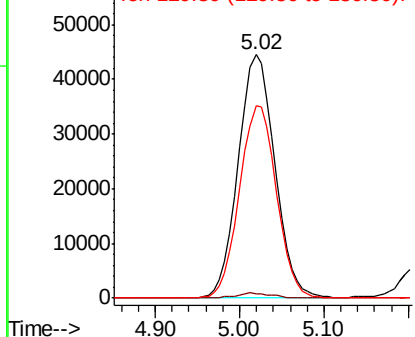


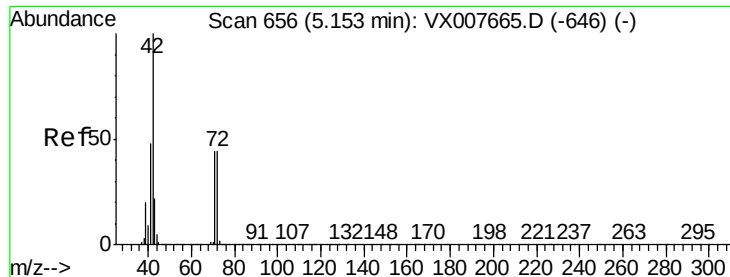
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 257.323 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

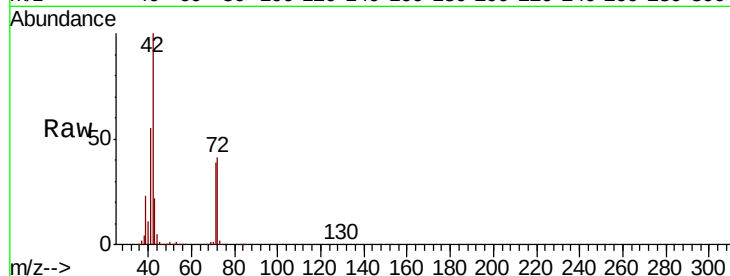
Tot Ion: 42 Resp: 407675

Ion Ratio Lower Upper

42 100

72 42.0 37.6 56.4

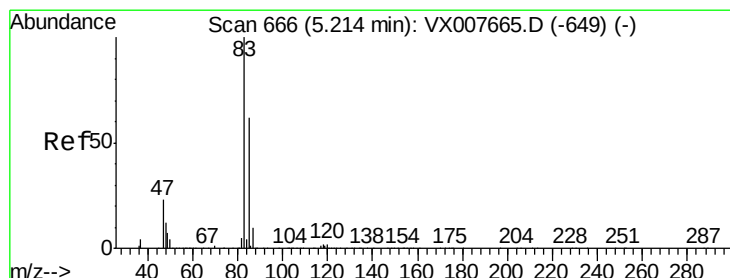
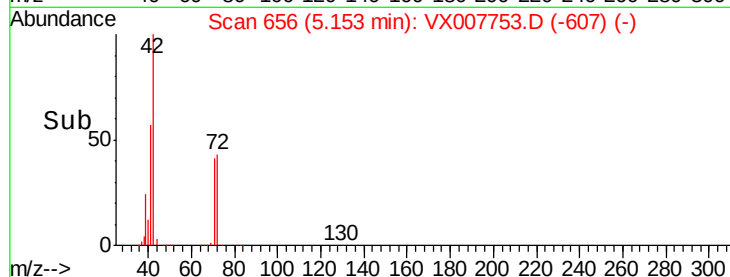
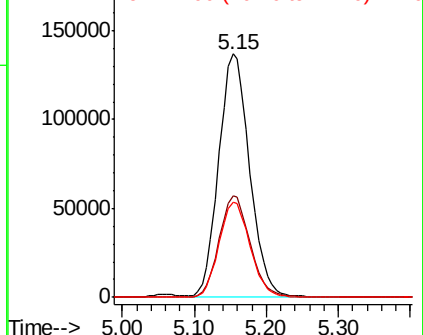
71 39.5 34.6 51.8



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: 45.317 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007753.D

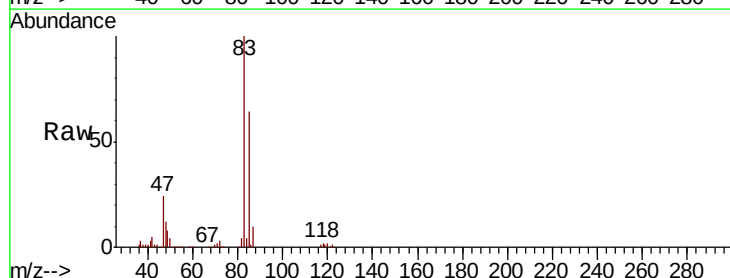
Acq: 27 Feb 2019 23:51

Tgt Ion: 83 Resp: 254427

Ion Ratio Lower Upper

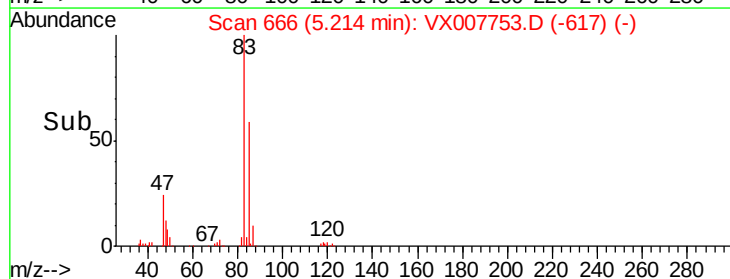
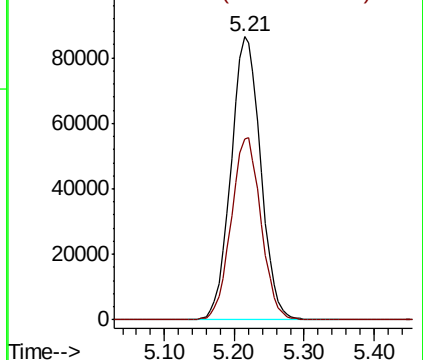
83 100

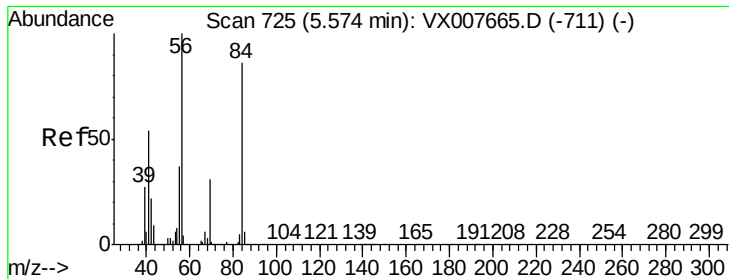
85 64.2 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

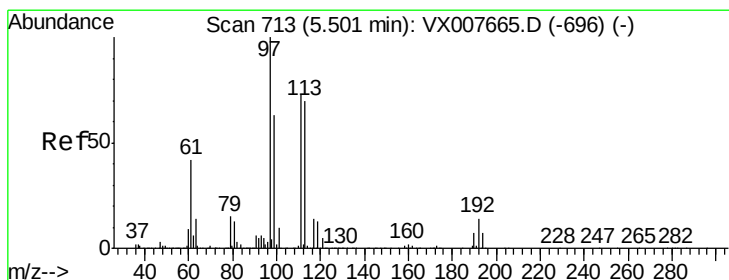
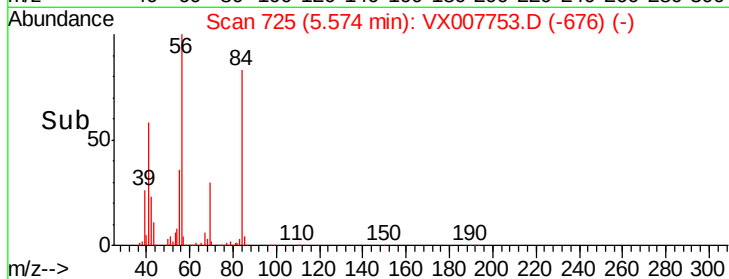
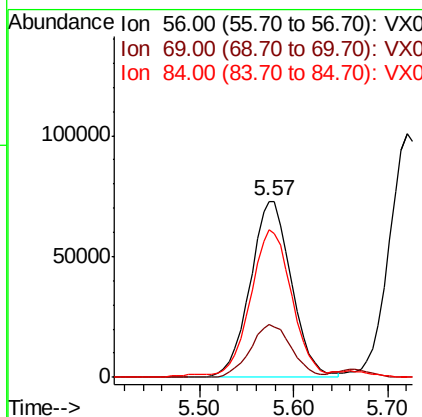
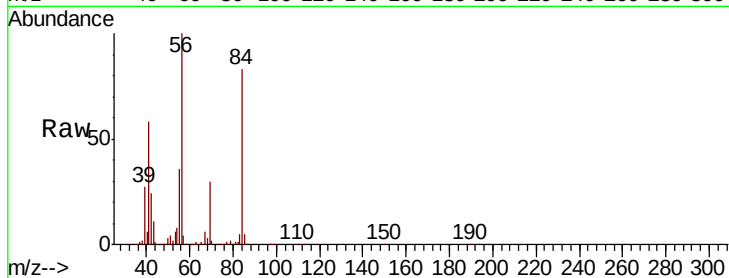




#31
Cyclohexane
Concen: 45.291 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

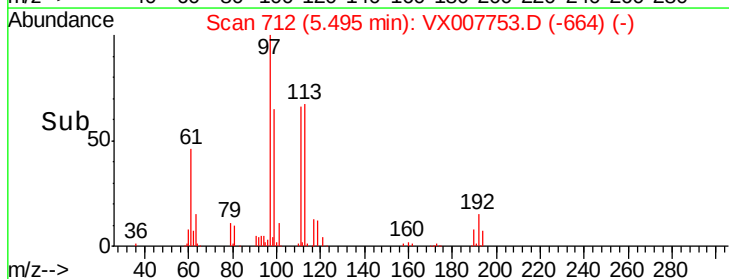
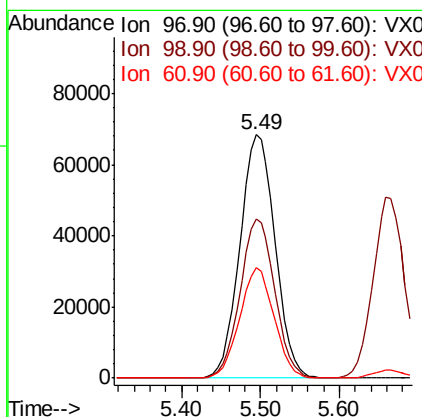
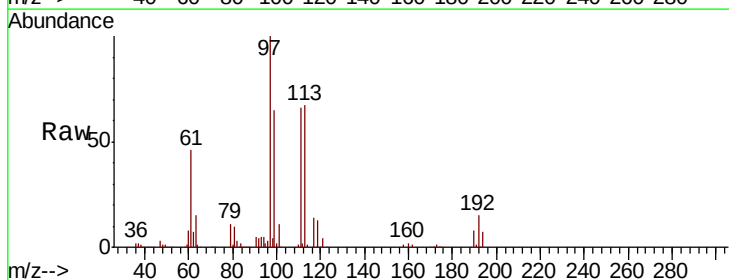
Instrument :
MSVOA_X
ClientSampleId :

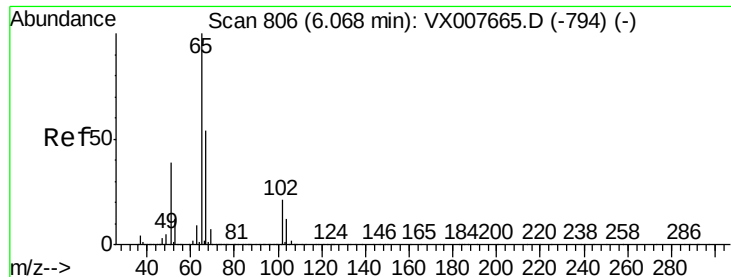
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.0	34.6
84	81.9	69.8	104.6



#32
1,1,1-Trichloroethane
Concen: 45.680 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.2	78.2
61	44.6	32.7	49.1

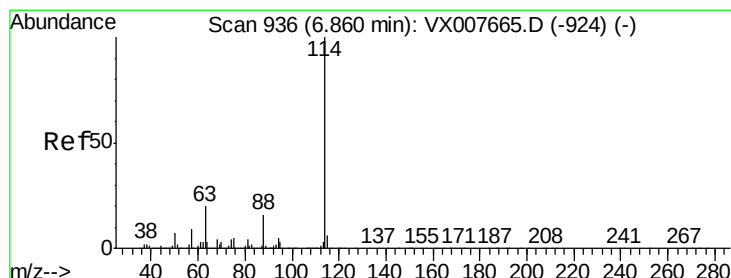
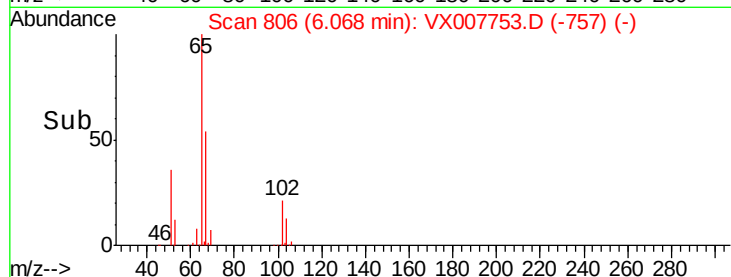
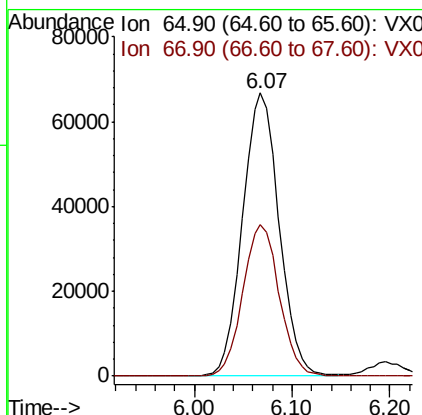
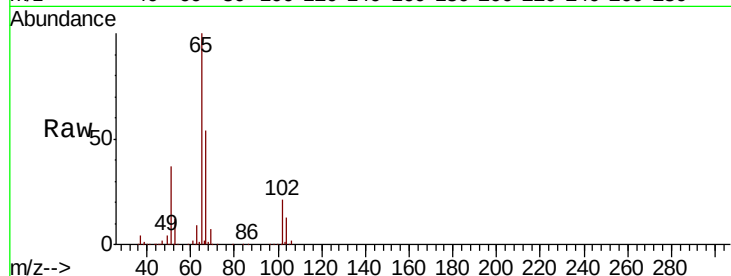




#33
 1,2-Dichloroethane-d4
 Concen: 48.795 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

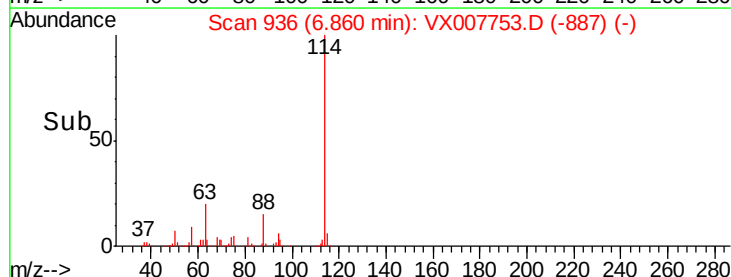
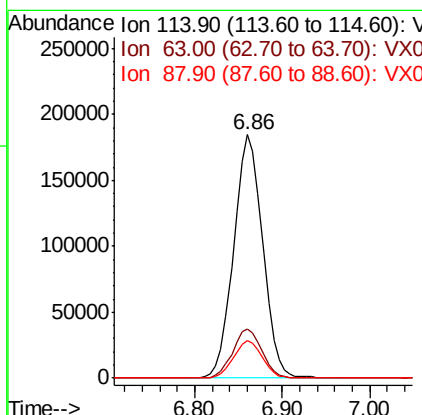
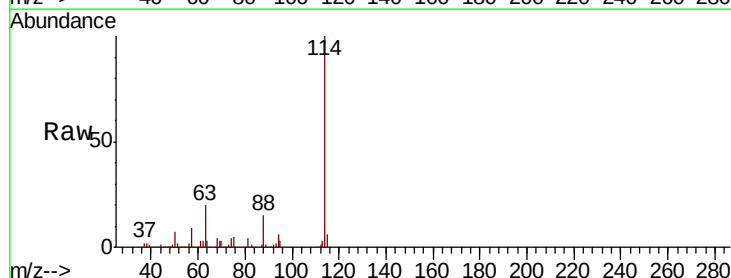
Instrument :
 MSVOA_X
 ClientSampleId :

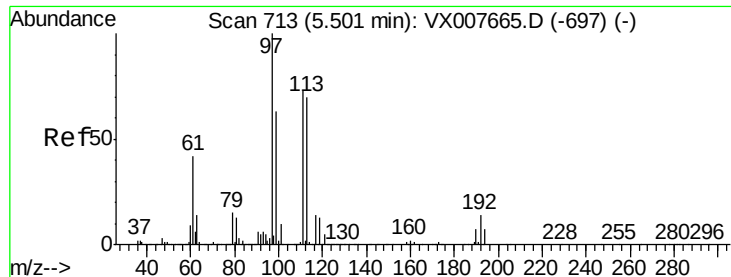
Tot Ion: 65 Resp: 173127
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion: 114 Resp: 425380
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 35.6
 88 15.3 0.0 29.6

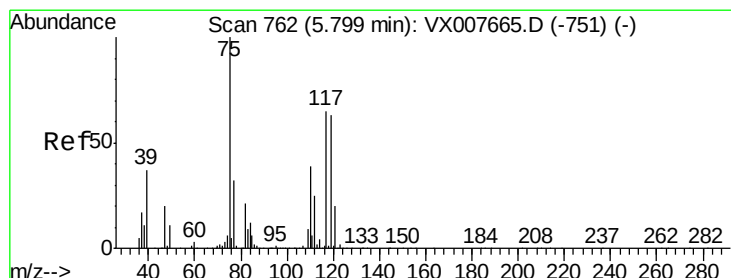
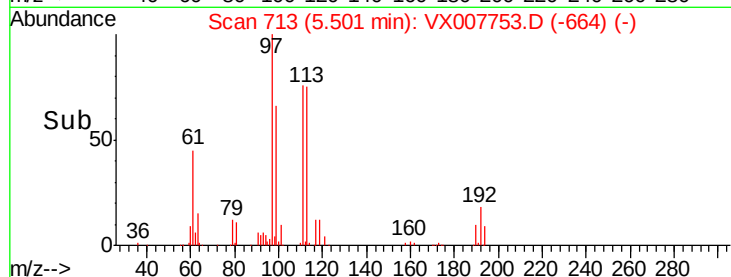
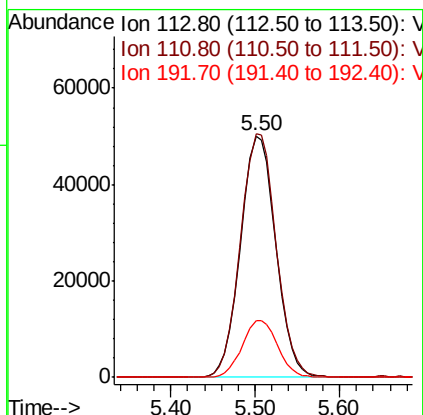
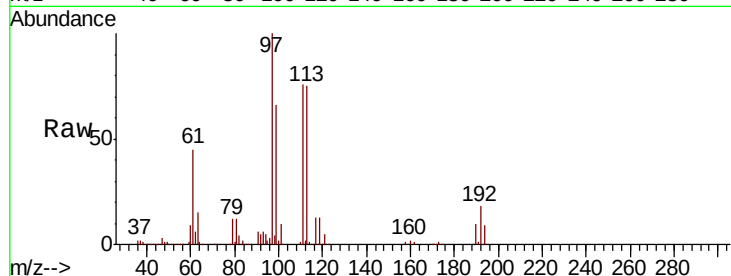




#35
 Dibromofluoromethane
 Concen: 49.963 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

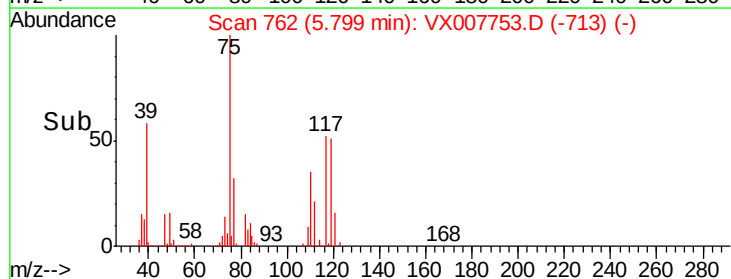
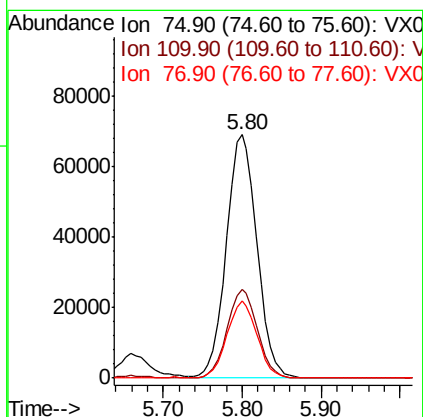
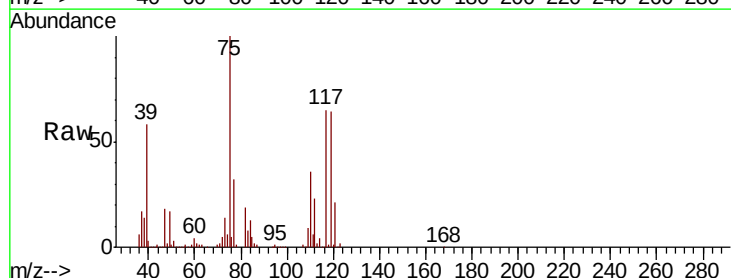
Instrument :
 MSVOA_X
 ClientSampleId :

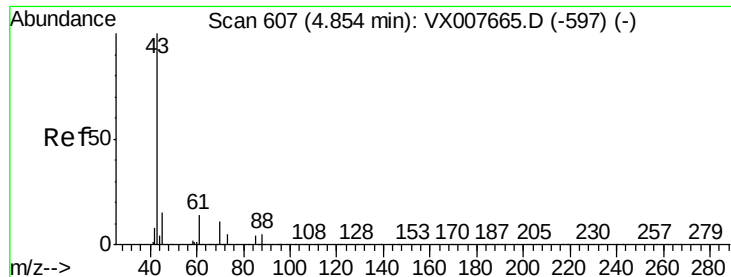
Tot Ion:113 Resp: 142072
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.8 122.8
 192 23.7 18.5 27.7



#36
 1,1-Dichloropropene
 Concen: 48.457 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion: 75 Resp: 185314
 Ion Ratio Lower Upper
 75 100
 110 36.2 20.0 59.9
 77 31.2 24.7 37.1

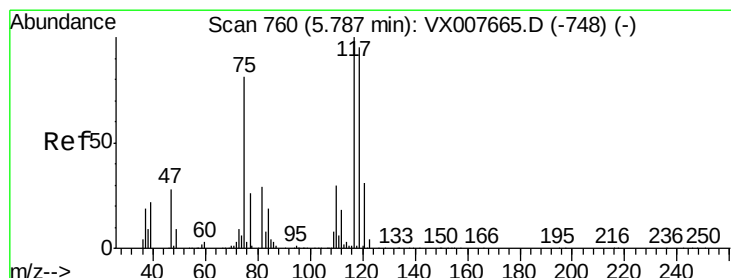
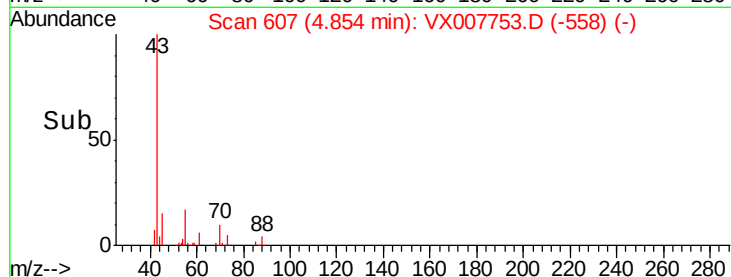
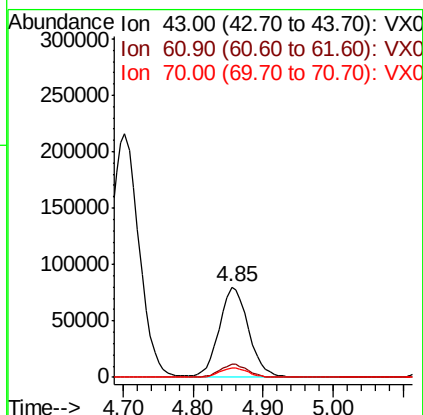
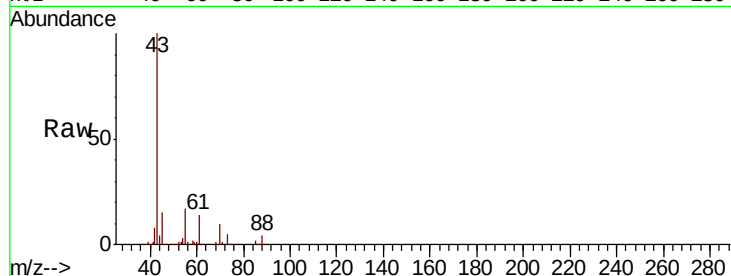




#37
Ethyl Acetate
Concen: 54.582 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

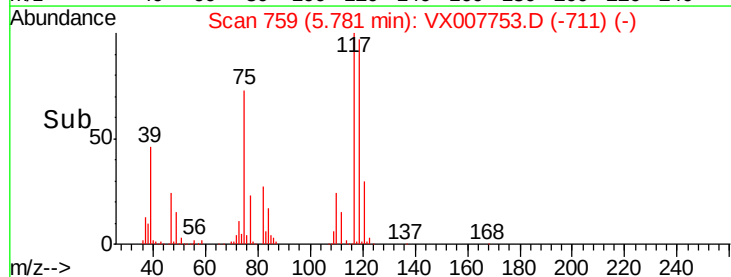
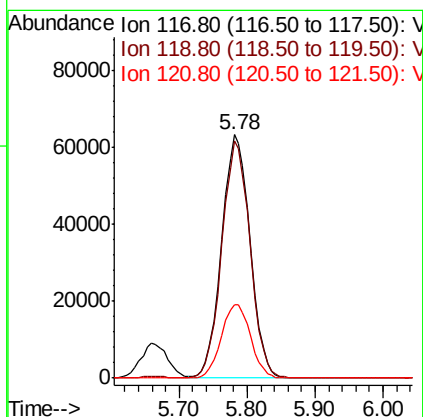
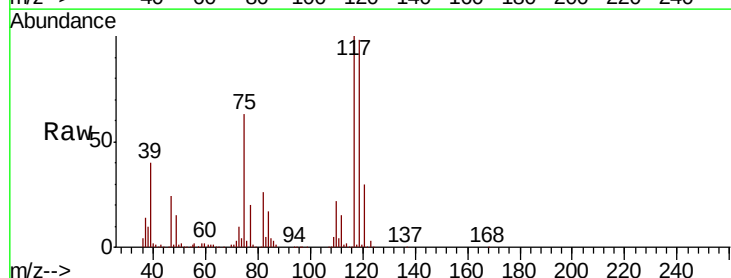
Instrument :
MSVOA_X
ClientSampled :

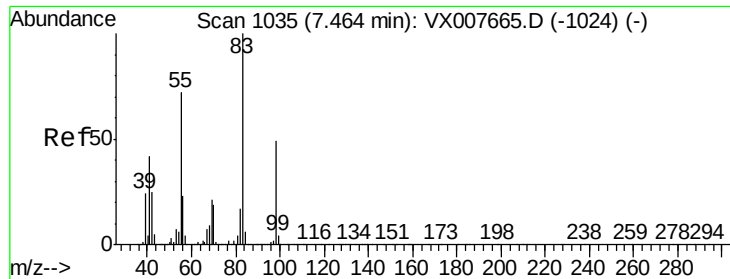
Tot Ion: 43 Resp: 231874
Ion Ratio Lower Upper
43 100
61 14.0 11.3 16.9
70 10.5 8.6 13.0



#38
Carbon Tetrachloride
Concen: 47.842 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 117 Resp: 183788
Ion Ratio Lower Upper
117 100
119 97.5 75.3 112.9
121 30.3 25.0 37.4

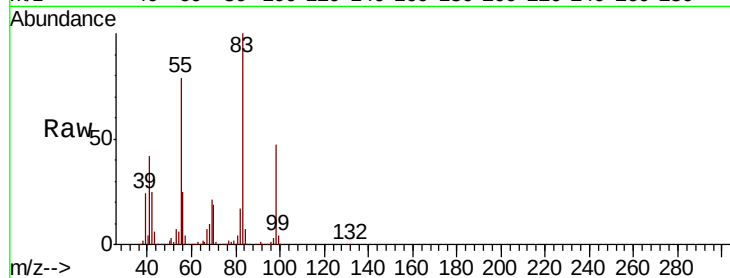




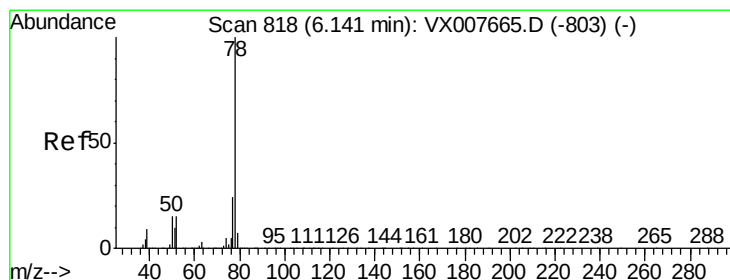
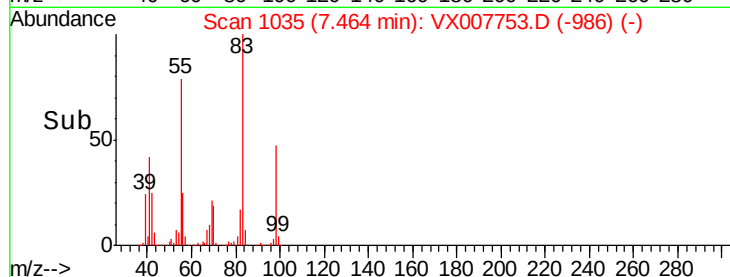
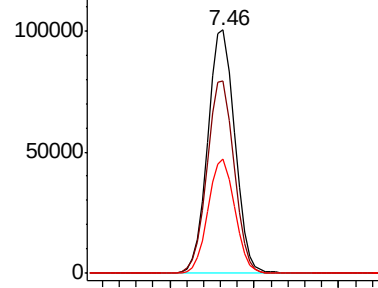
#39
Methylvlcyclohexane
Concen: 45.005 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.9	56.2	84.2
98	46.7	36.8	55.2

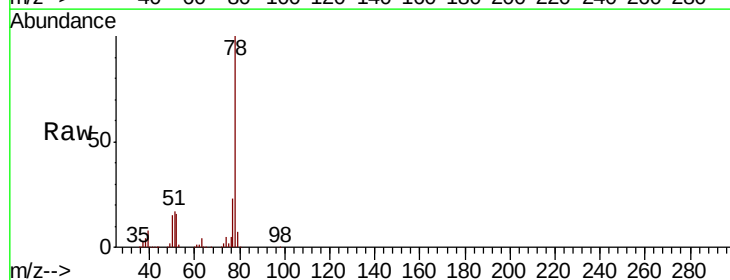


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

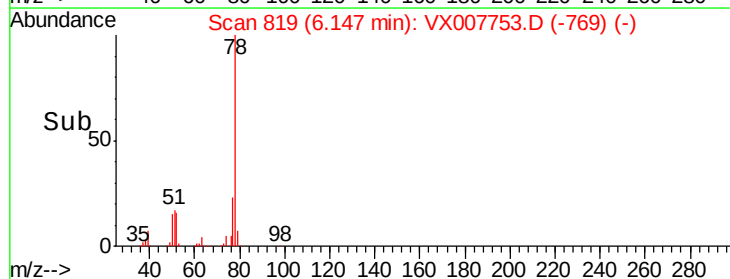
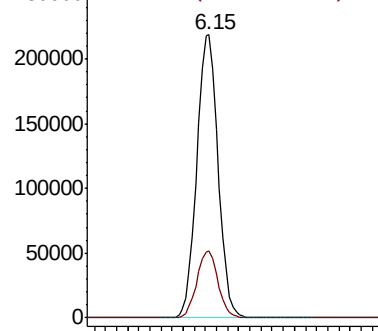


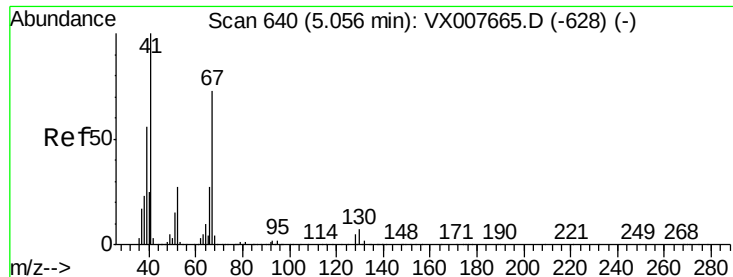
#40
Benzene
Concen: 48.857 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.3	28.9



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

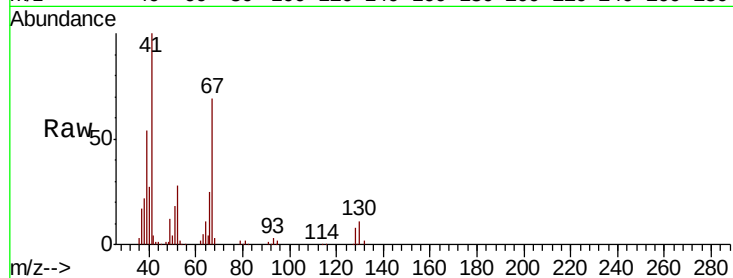




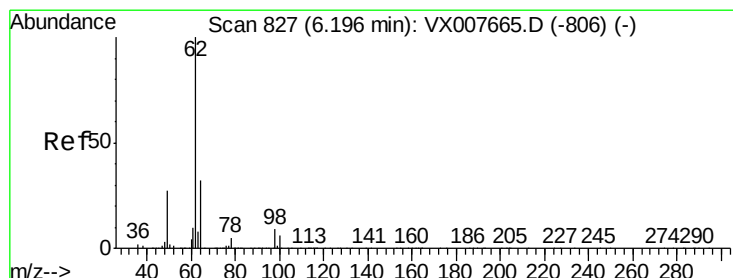
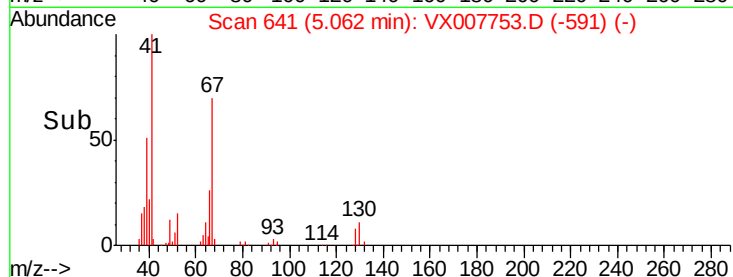
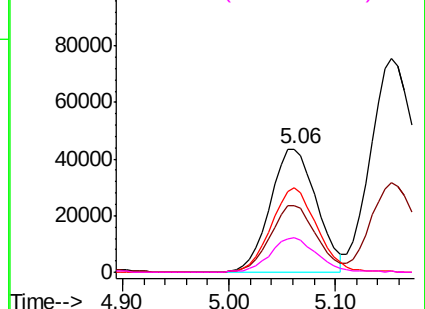
#41
Methacrylonitrile
Concen: 57.706 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	130904
Ion	Ratio	Lower	Upper
41	100		
39	53.3	44.5	66.7
67	68.1	60.4	90.6
52	28.0	24.1	36.1

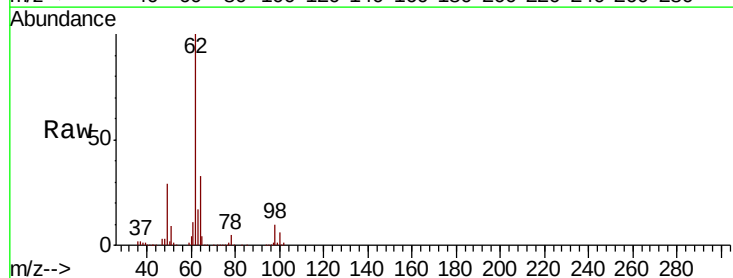


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

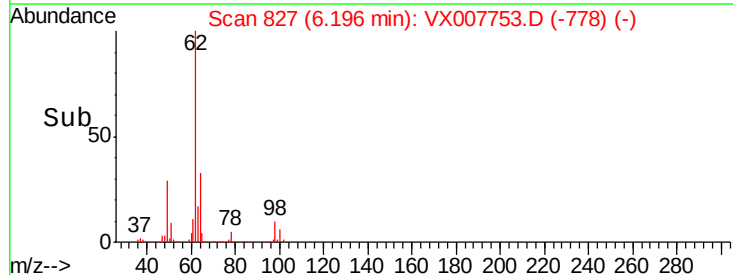
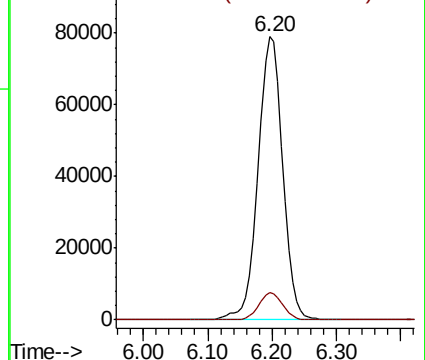


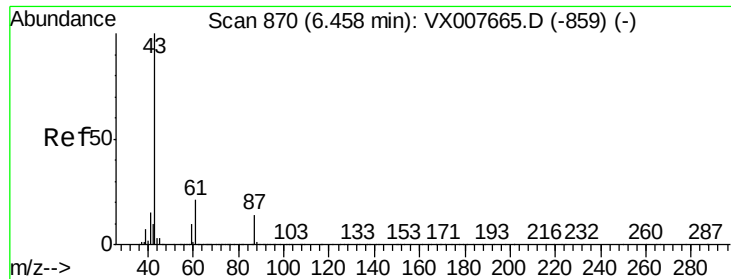
#42
1,2-Dichloroethane
Concen: 51.999 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion:	62	Resp:	206329
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 54.724 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

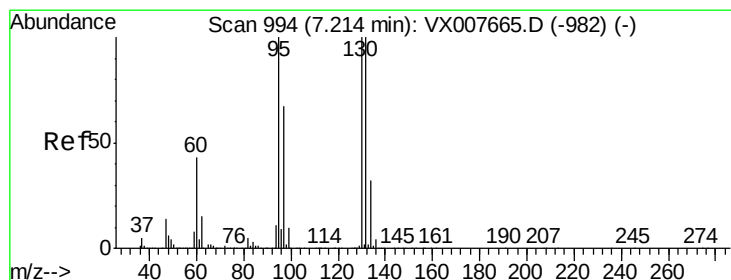
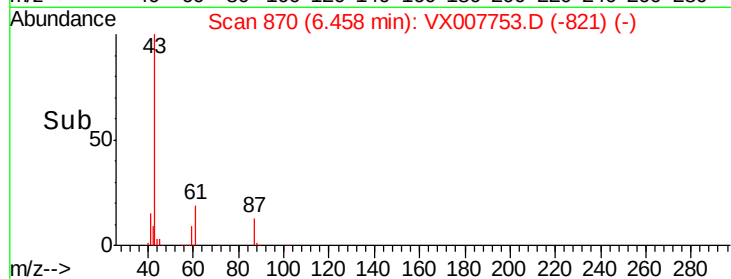
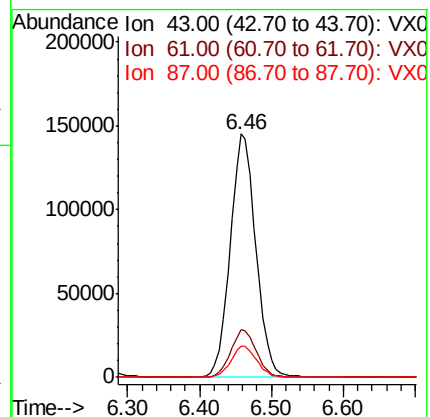
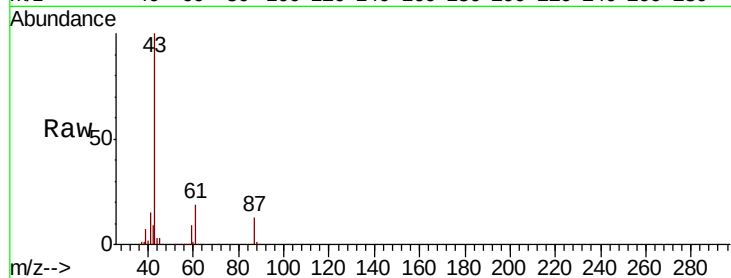
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 357797

Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	12.8	11.5	17.3



#44

Trichloroethene

Concen: 47.656 ug/l

RT: 7.21 min Scan# 994

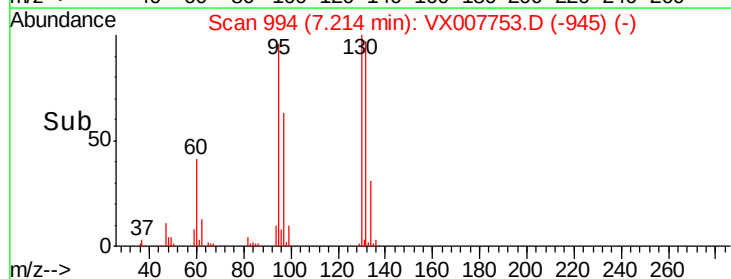
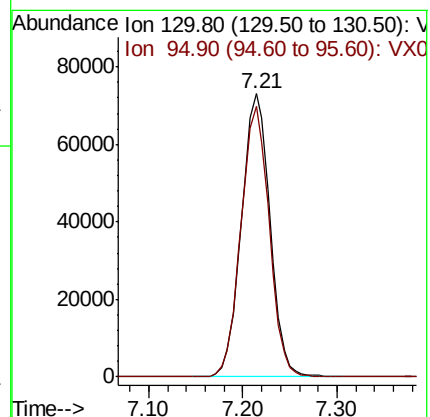
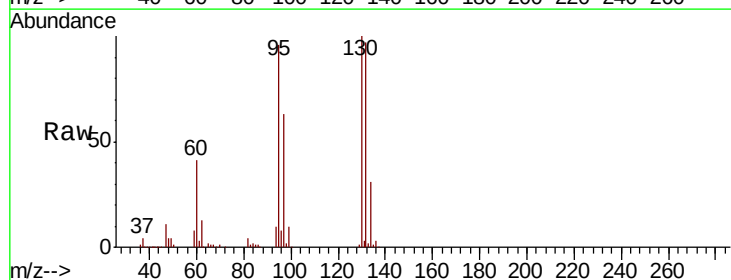
Delta R.T. -0.00 min

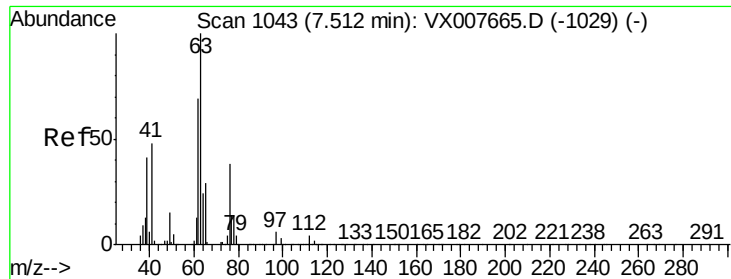
Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion:130 Resp: 154765

Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	180.0





#45

1,2-Dichloropropane

Concen: 50.519 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

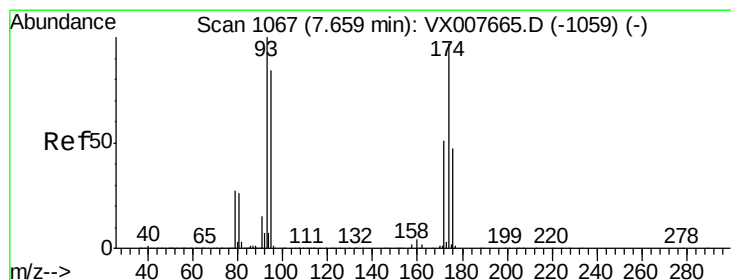
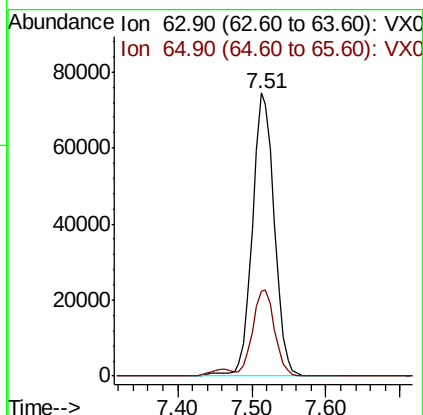
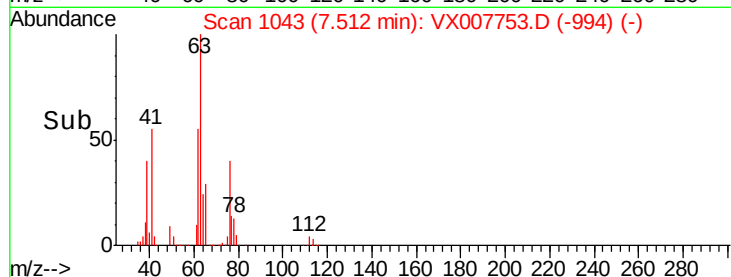
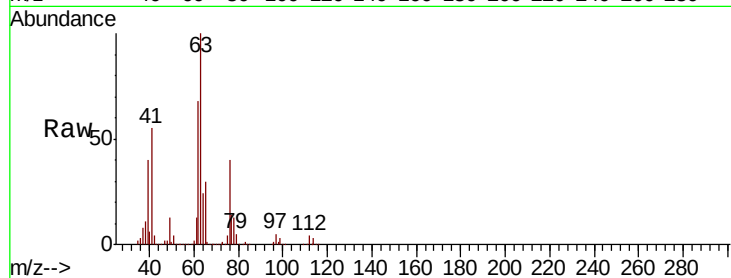
ClientSampleId :

Tot Ion: 63 Resp: 154492

Ion Ratio Lower Upper

63 100

65 30.1 24.2 36.2



#46

Dibromomethane

Concen: 46.579 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

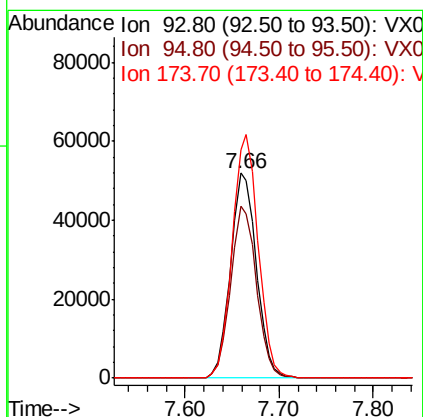
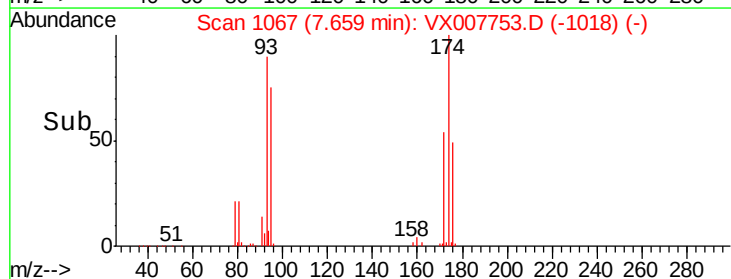
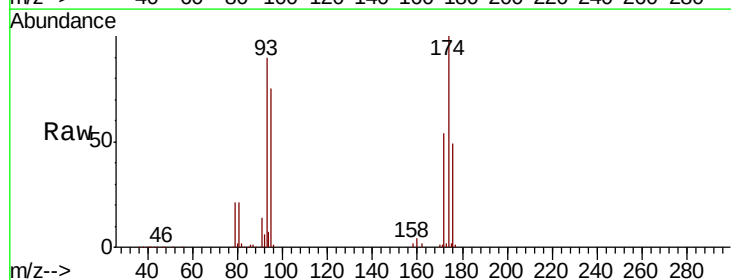
Tgt Ion: 93 Resp: 99373

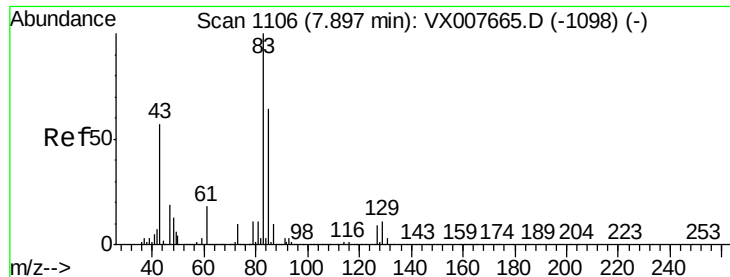
Ion Ratio Lower Upper

93 100

95 83.8 67.6 101.4

174 119.1 94.2 141.4





#47

Bromodichloromethane

Concen: 50.344 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampled :

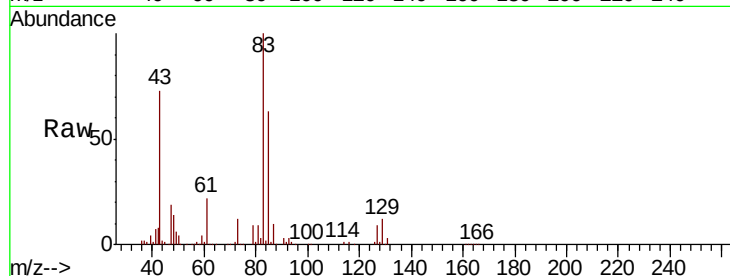
Tot Ion: 83 Resp: 186129

Ion Ratio Lower Upper

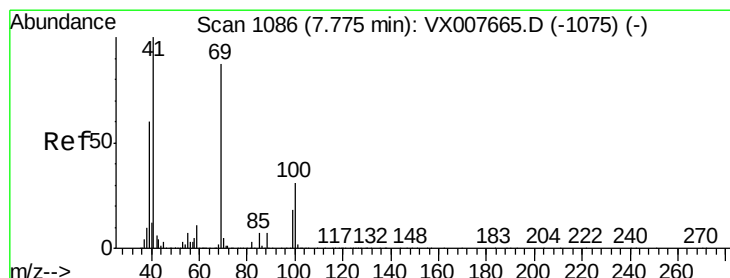
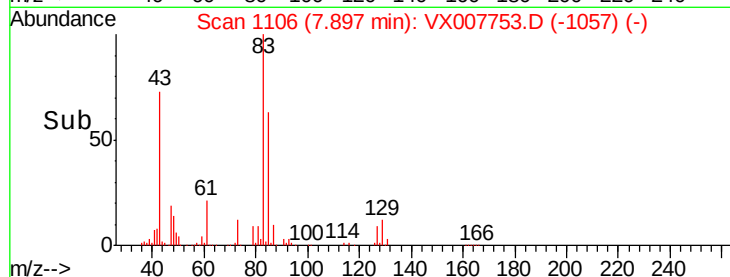
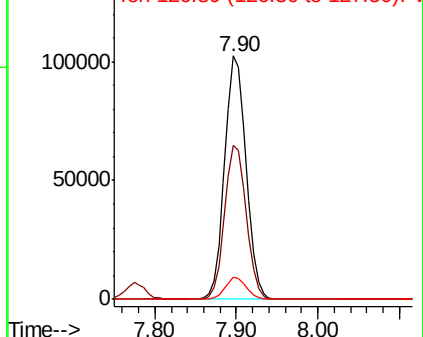
83 100

85 63.5 51.4 77.0

127 9.2 8.1 12.1



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: 55.680 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

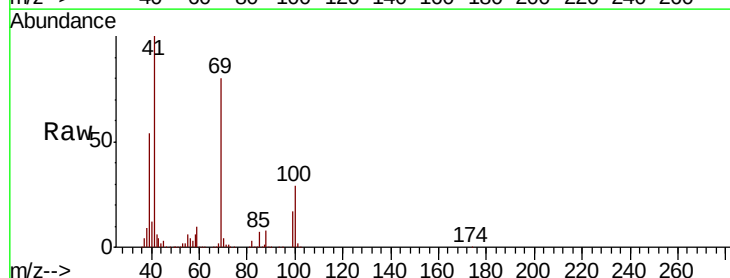
Tgt Ion: 41 Resp: 190828

Ion Ratio Lower Upper

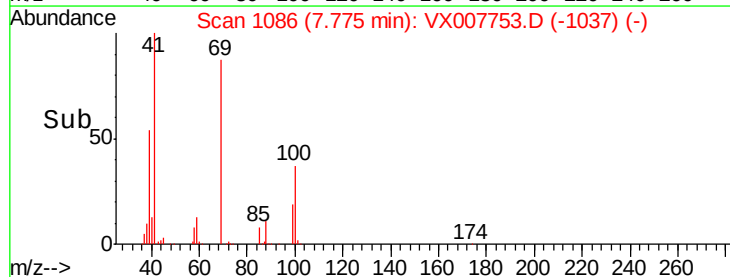
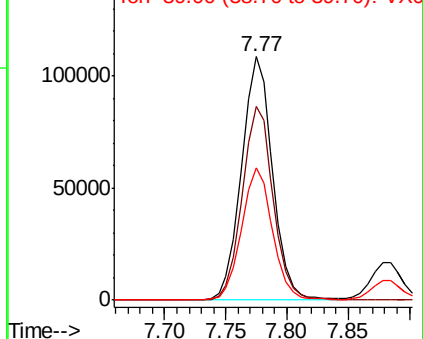
41 100

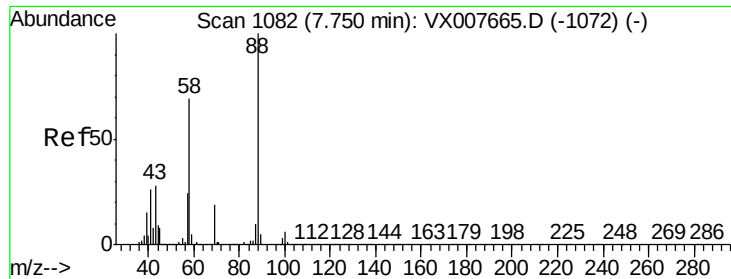
69 79.8 70.2 105.4

39 54.0 47.4 71.0



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: 1028.355 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

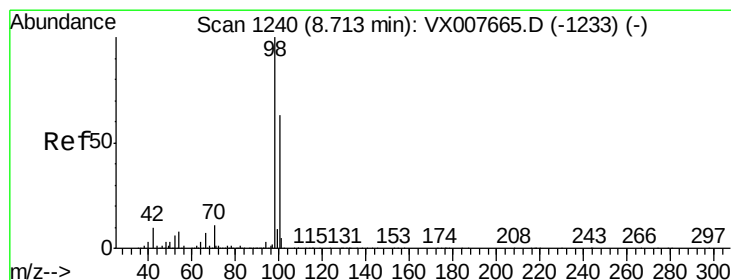
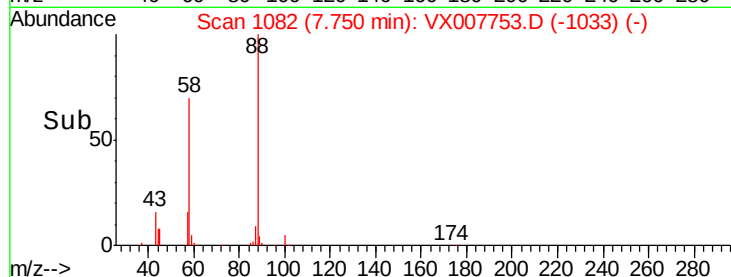
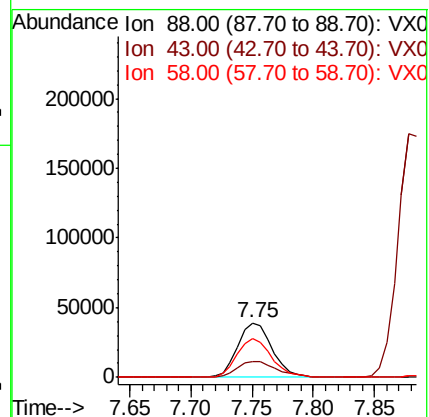
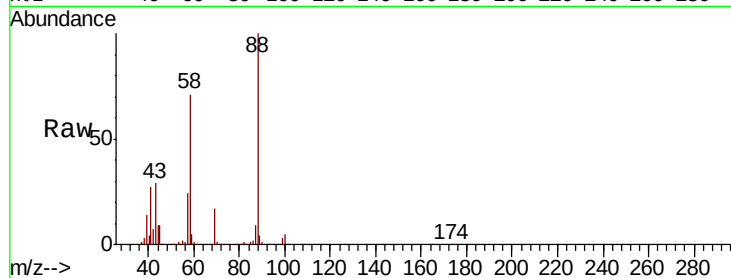
Tot Ion: 88 Resp: 76121

Ion Ratio Lower Upper

88 100

43 33.5 24.2 36.4

58 72.7 53.0 79.4



#50

Toluene-d8

Concen: 47.793 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007753.D

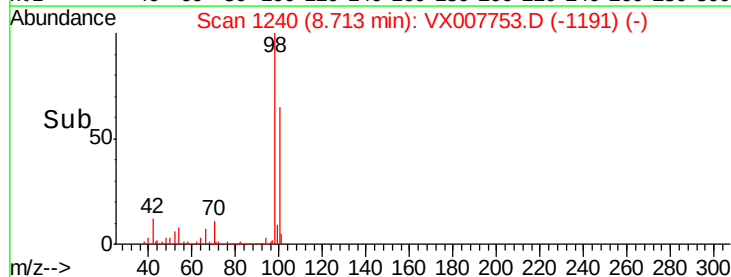
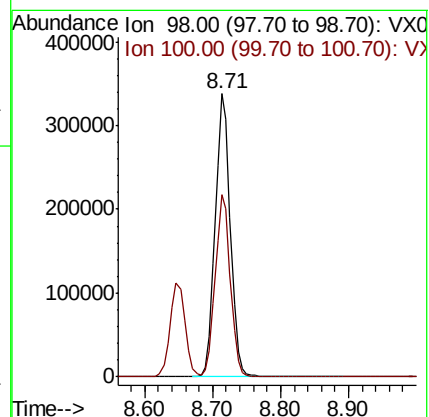
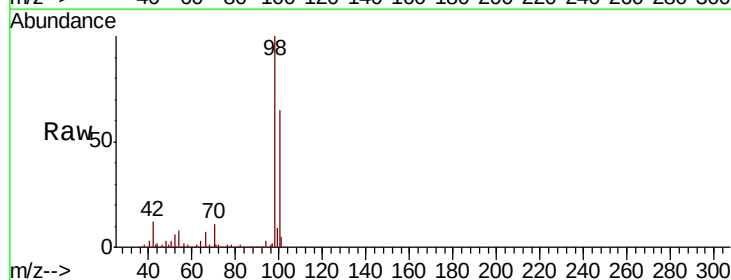
Acq: 27 Feb 2019 23:51

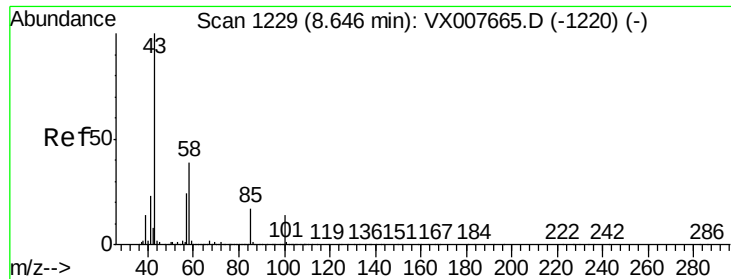
Tgt Ion: 98 Resp: 520277

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 269.592 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

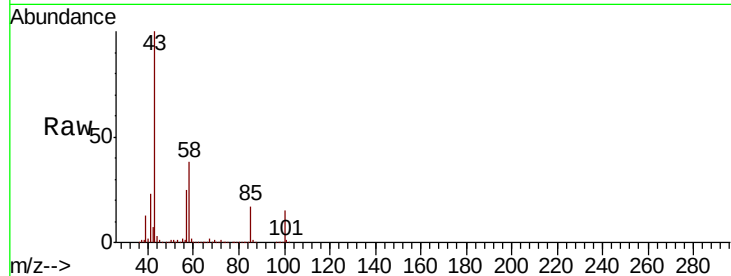
ClientSampleId :

Tot Ion: 43 Resp: 1179877

Ion Ratio Lower Upper

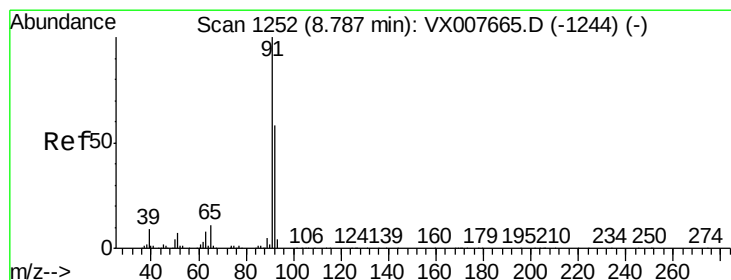
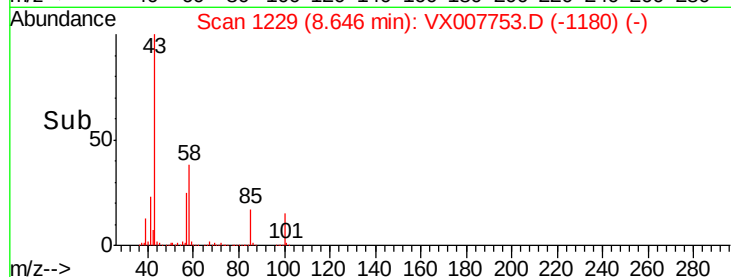
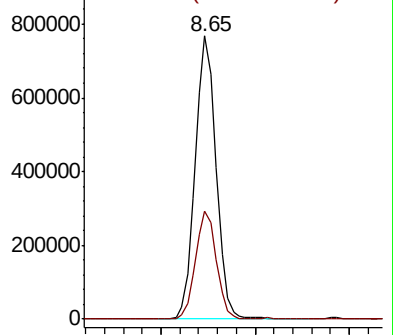
43 100

58 38.2 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 47.679 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007753.D

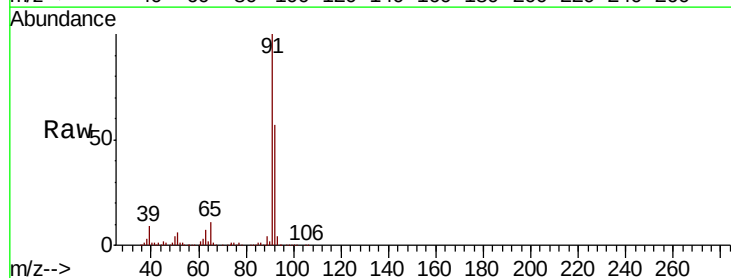
Acq: 27 Feb 2019 23:51

Tgt Ion: 92 Resp: 354940

Ion Ratio Lower Upper

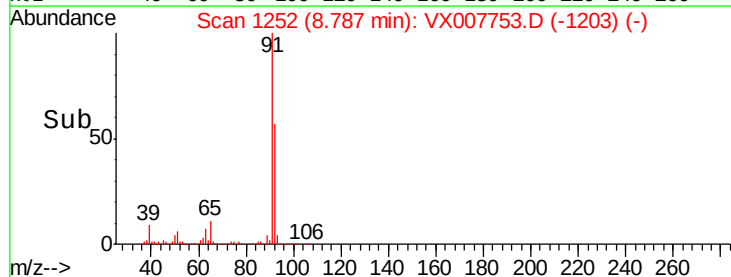
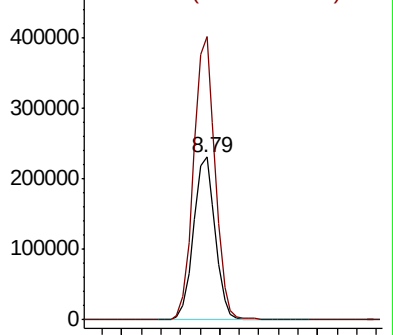
92 100

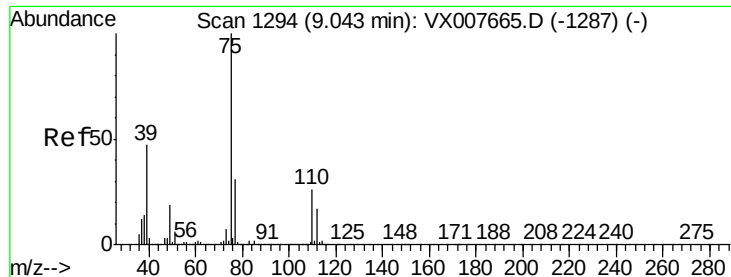
91 172.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 44.166 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

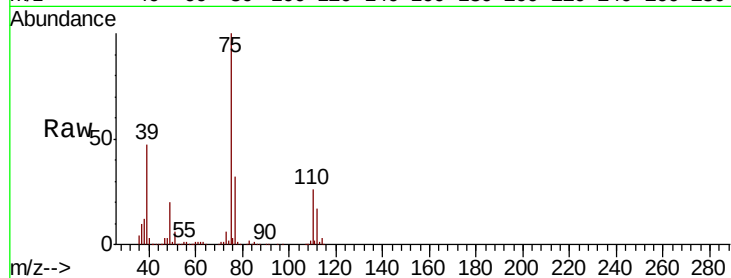
ClientSampleId :

Tot Ion: 75 Resp: 201409

Ion Ratio Lower Upper

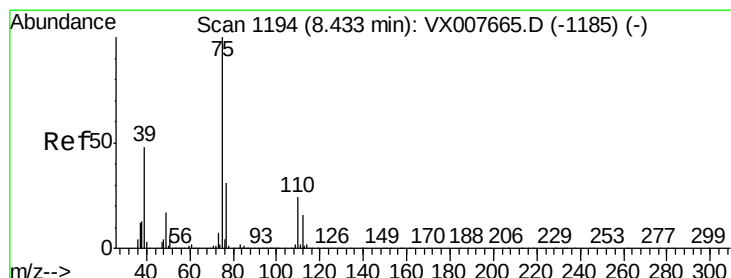
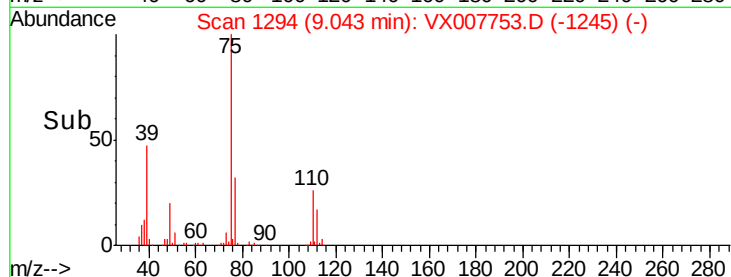
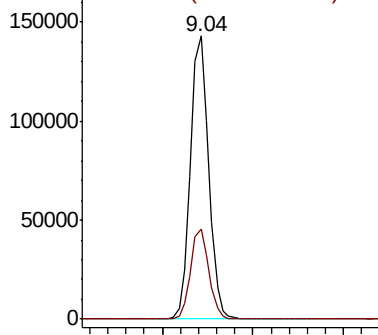
75 100

77 31.8 25.2 37.8



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: 49.541 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

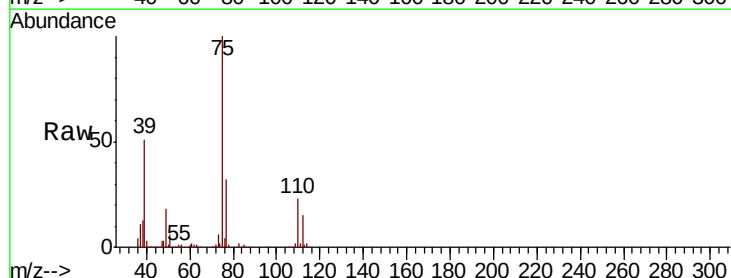
Tgt Ion: 75 Resp: 222272

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

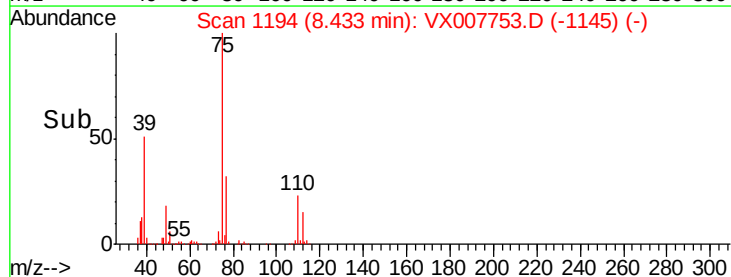
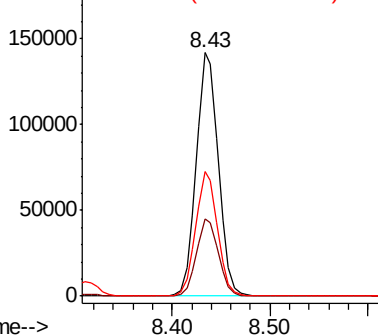
39 51.0 37.1 55.7

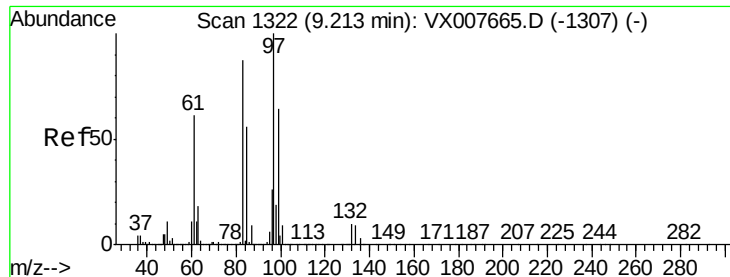


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

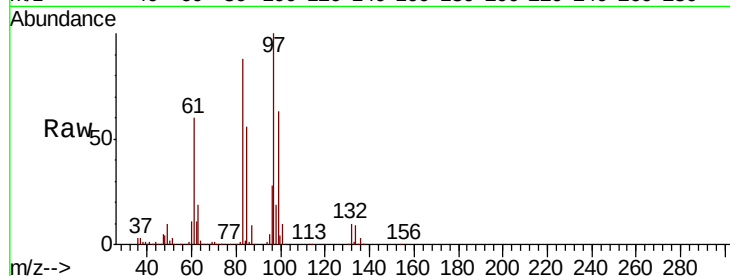




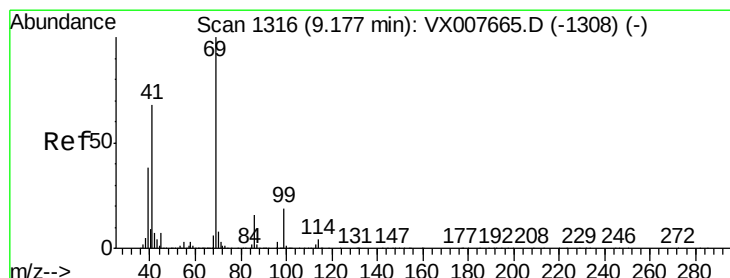
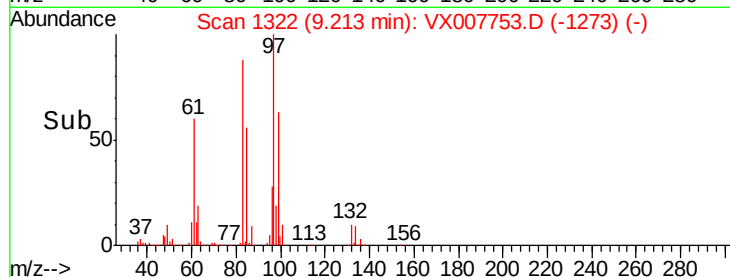
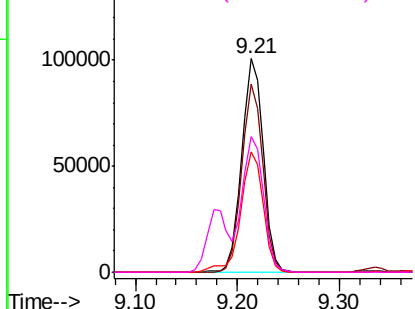
#55
 1,1,2-Trichloroethane
 Concen: 47.425 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	147224
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.6	102.8
85	56.2	44.5	66.7
99	63.2	52.2	78.4

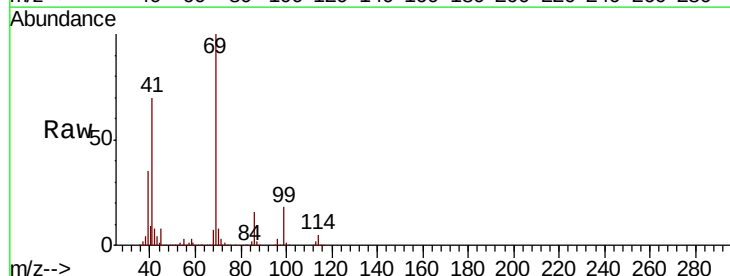


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

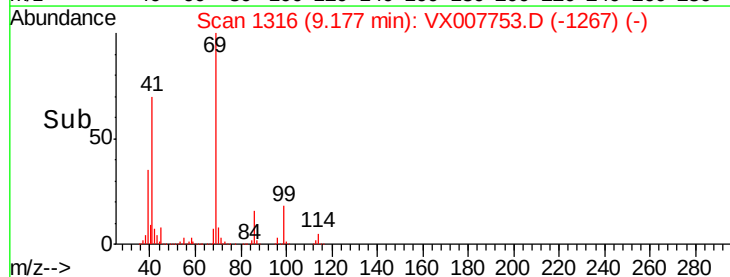
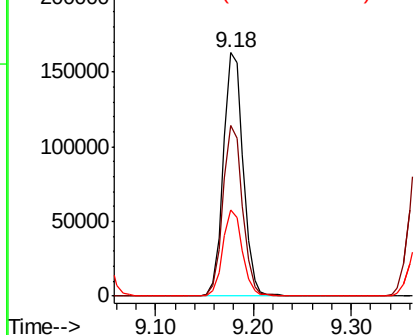


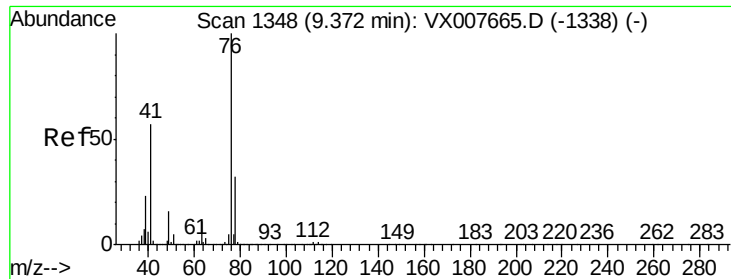
#56
 Ethyl methacrylate
 Concen: 51.857 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion:	69	Resp:	228928
Ion	Ratio	Lower	Upper
69	100		
41	69.4	52.1	78.1
39	35.0	30.1	45.1



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

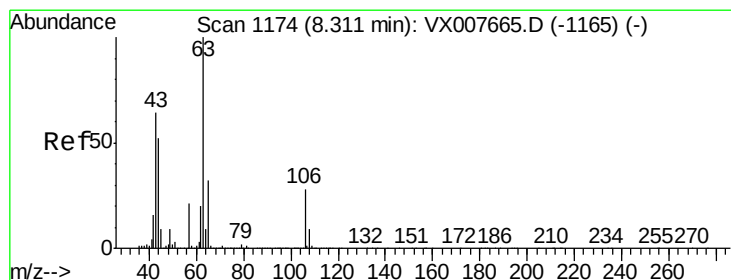
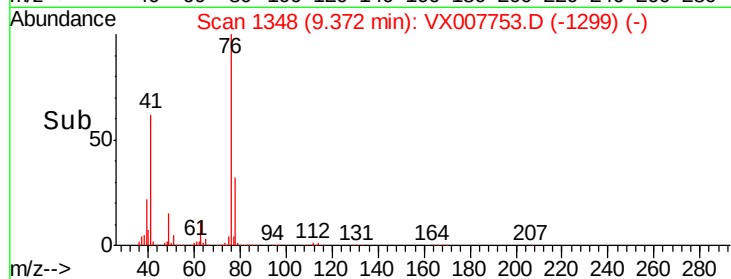
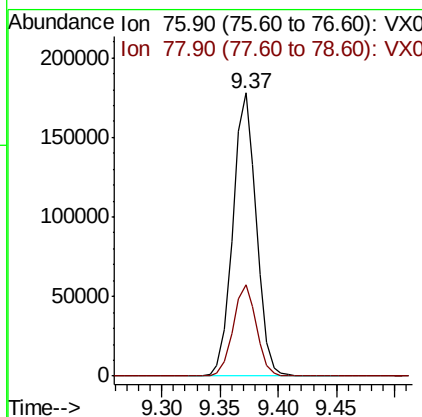
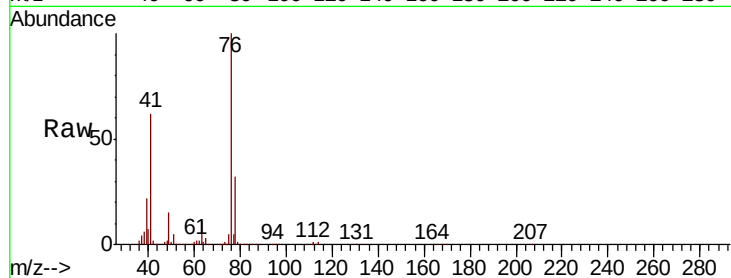




#57
 1,3-Dichloropropane
 Concen: 50.133 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

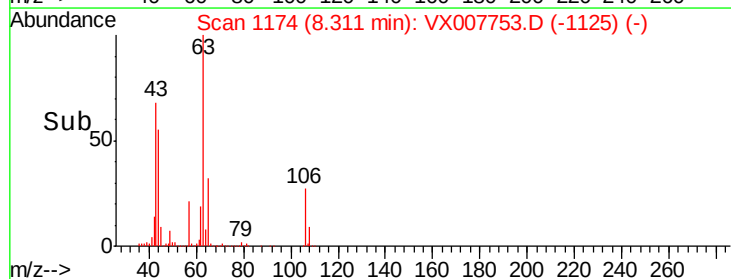
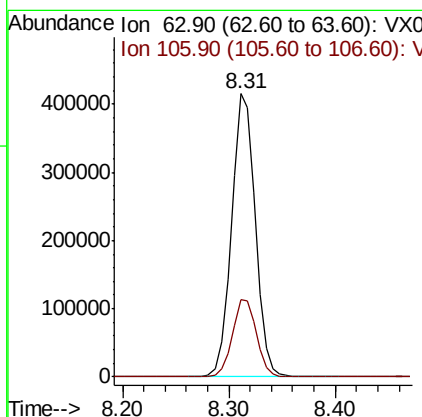
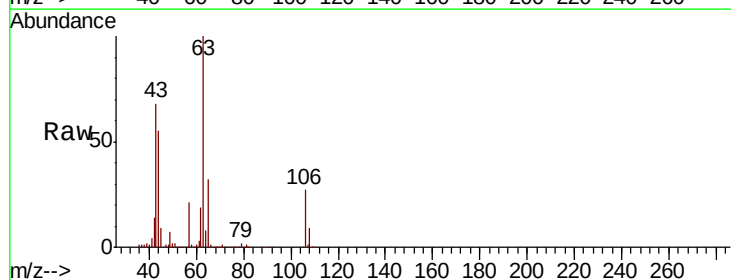
Instrument :
 MSVOA_X
 ClientSampleId :

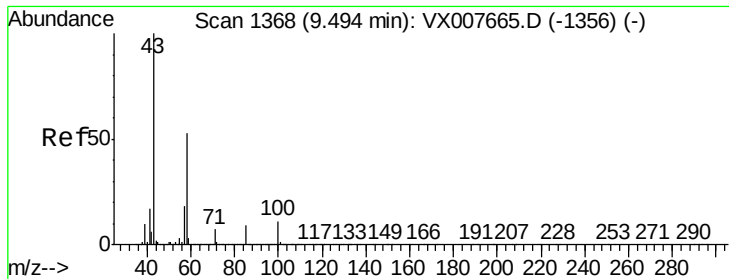
Tot Ion: 76 Resp: 249127
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 265.927 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion: 63 Resp: 647376
 Ion Ratio Lower Upper
 63 100
 106 27.9 23.6 35.4

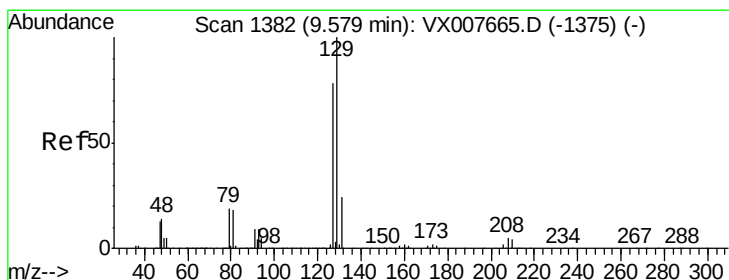
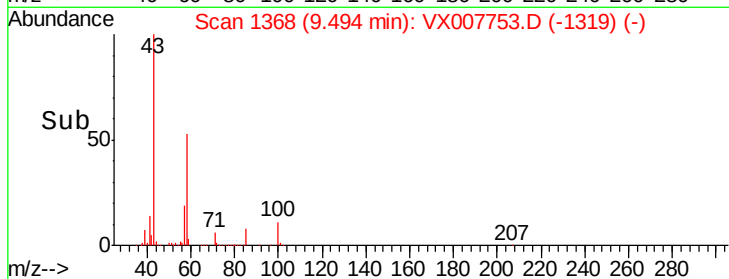
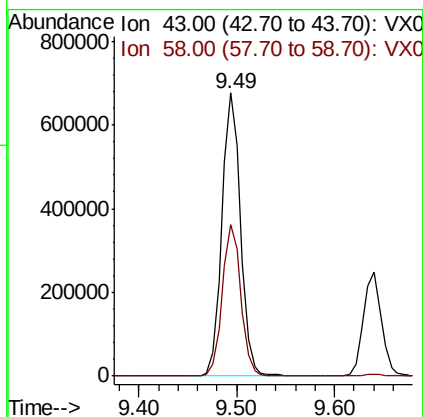
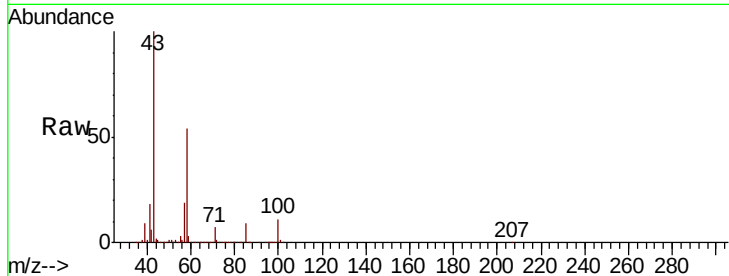




#59
2-Hexanone
Concen: 259.894 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

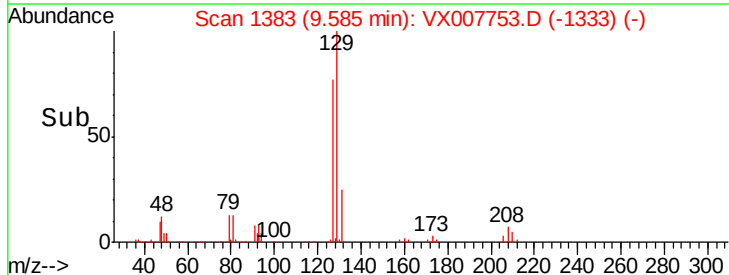
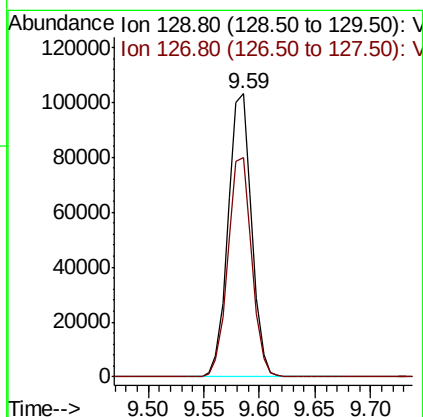
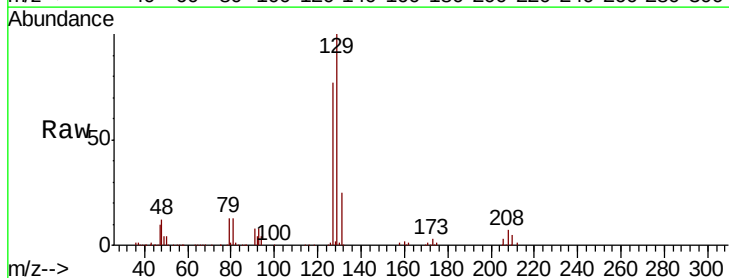
Instrument :
MSVOA_X
ClientSampleId :

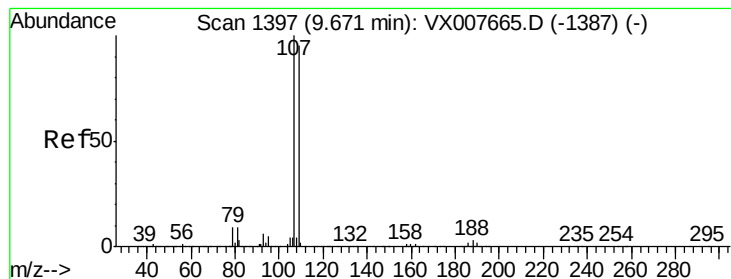
Tot Ion: 43 Resp: 892989
Ion Ratio Lower Upper
43 100
58 53.5 27.1 81.3



#60
Dibromochloromethane
Concen: 50.354 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 129 Resp: 150411
Ion Ratio Lower Upper
129 100
127 78.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.581 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

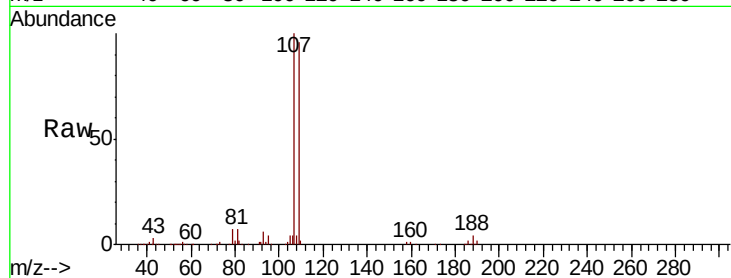
ClientSampleId :

Tot Ion:107 Resp: 156580

Ion Ratio Lower Upper

107 100

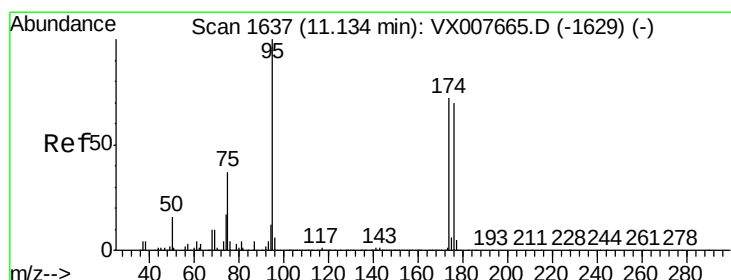
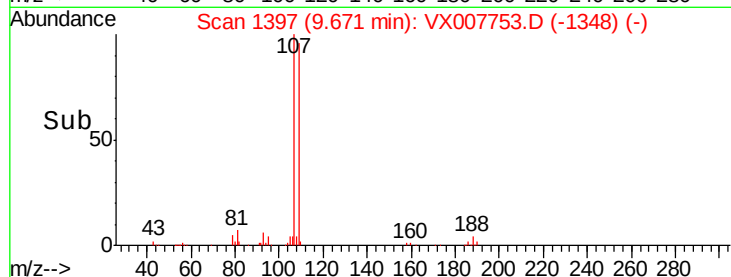
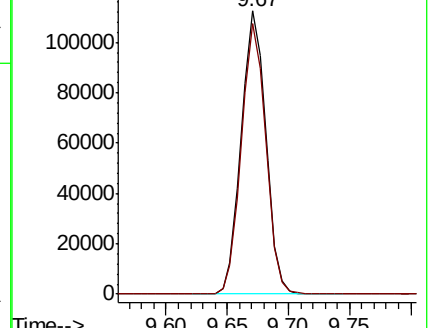
109 94.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



#62

4-Bromofluorobenzene

Concen: 46.749 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

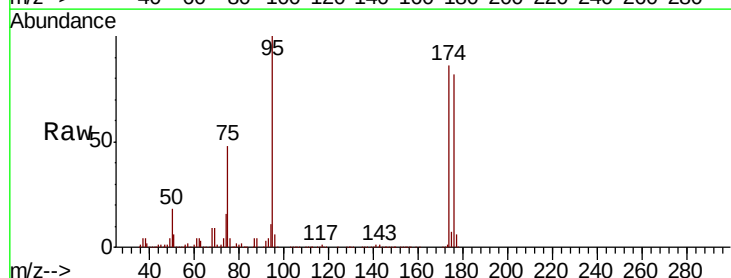
Tgt Ion: 95 Resp: 186792

Ion Ratio Lower Upper

95 100

174 92.7 0.0 189.2

176 89.0 0.0 186.2

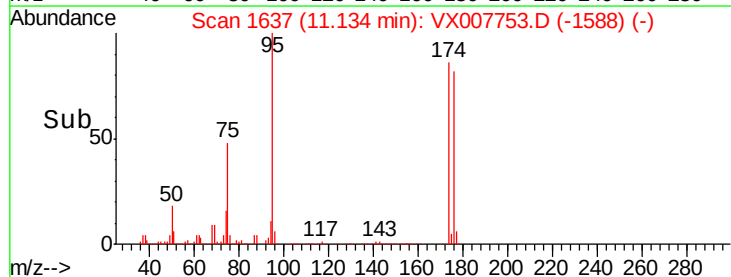
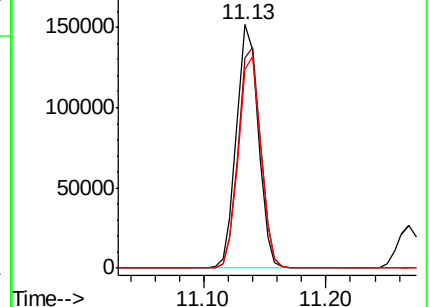


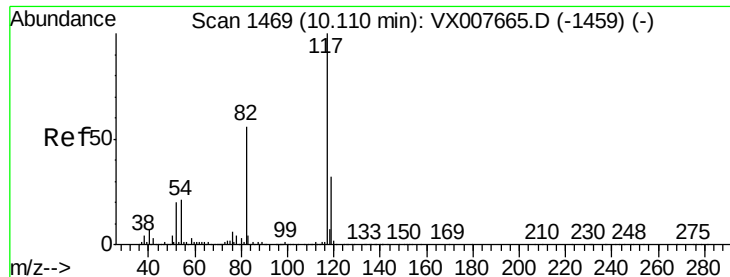
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

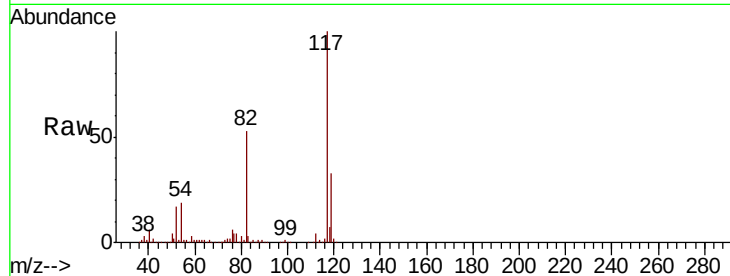




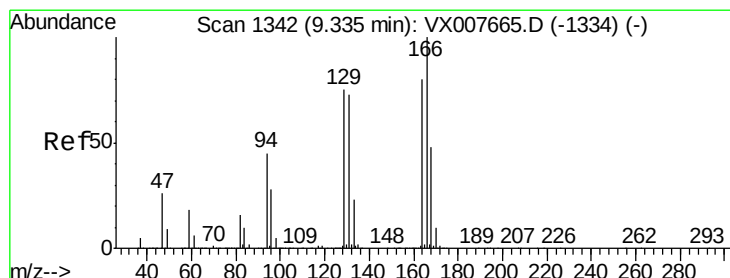
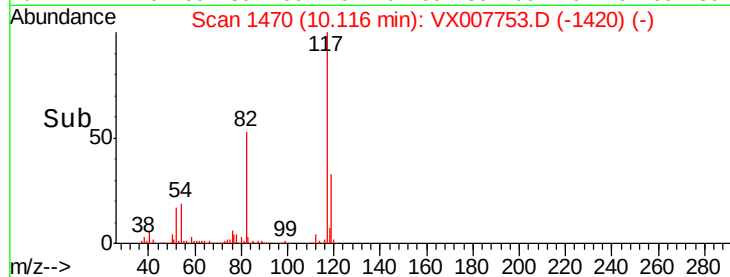
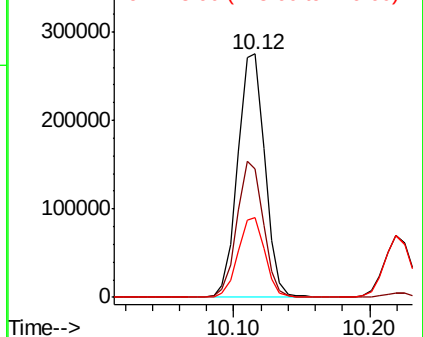
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.1	63.1
119	32.6	26.5	39.7



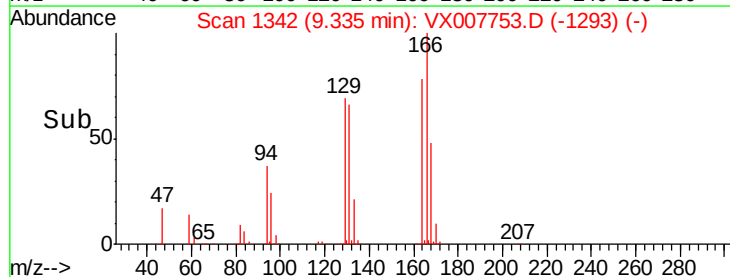
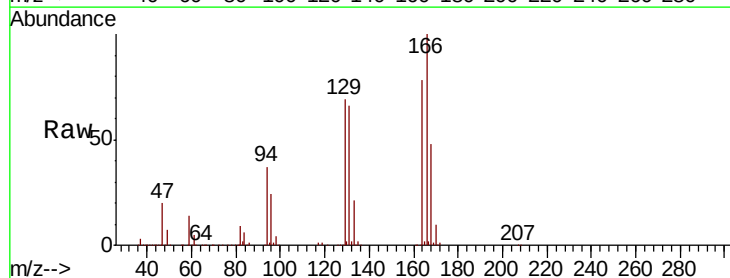
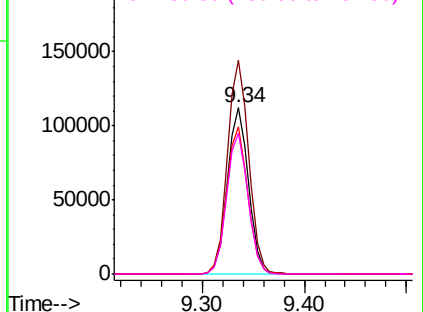
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

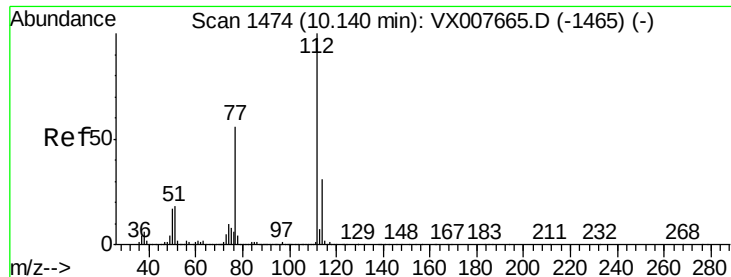


#64
Tetrachloroethene
Concen: 51.551 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	101.0	151.4
129	88.6	70.5	105.7
131	85.1	69.8	104.6

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

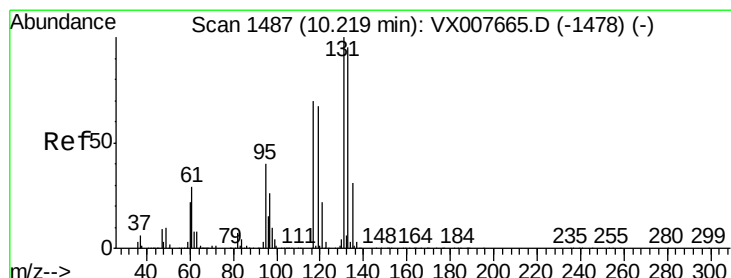
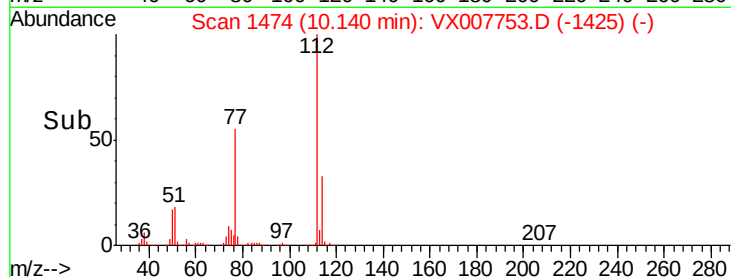
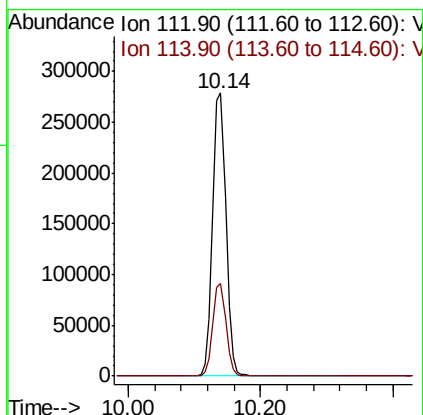
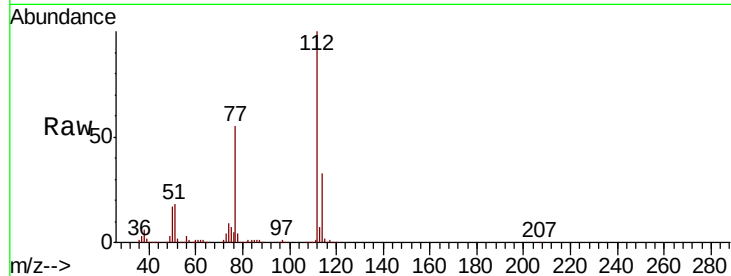




#65
Chlorobenzene
Concen: 47.077 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

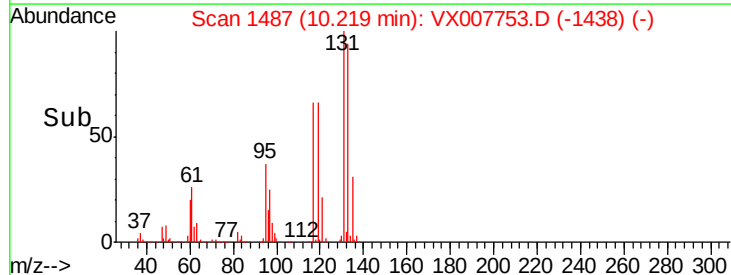
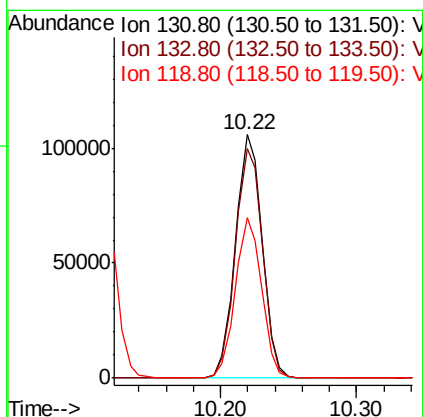
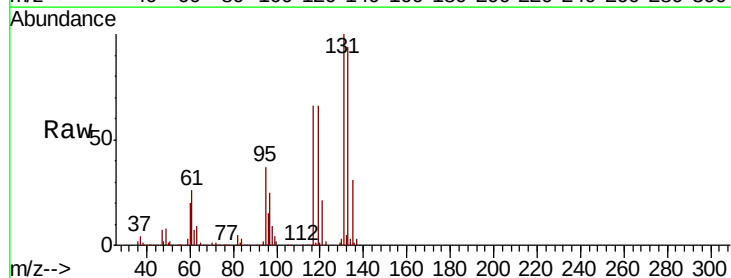
Instrument :
MSVOA_X
ClientSampleId :

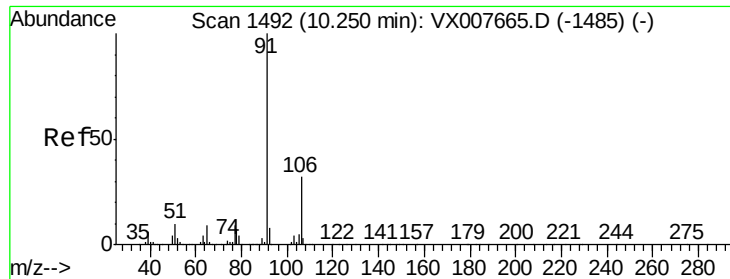
Tot Ion:112 Resp: 388696
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.285 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion:131 Resp: 144825
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.2
119 65.2 32.0 96.0

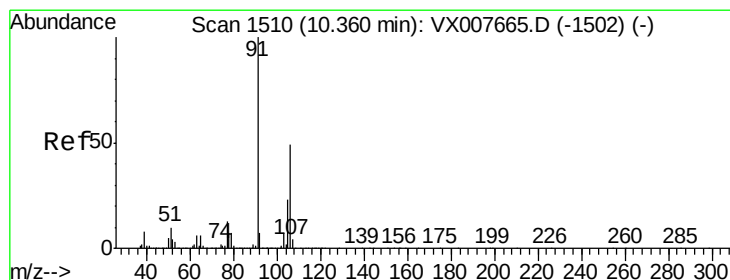
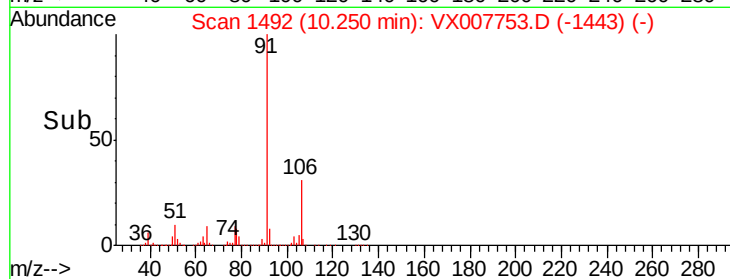
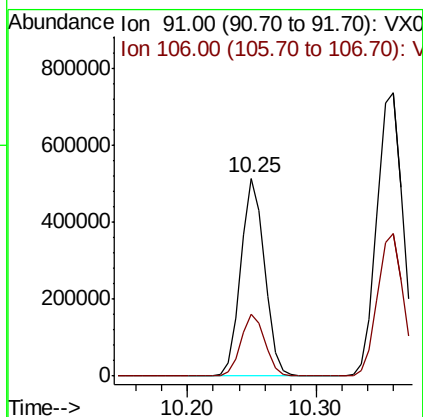
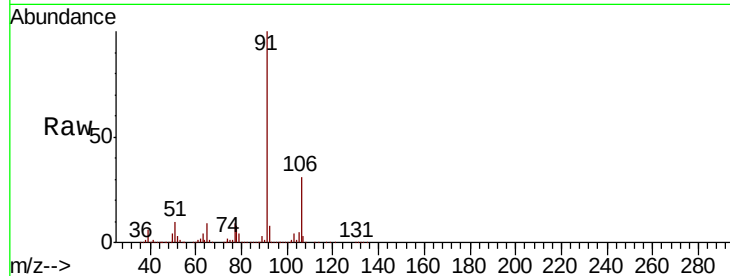




#67
Ethyl Benzene
Concen: 48.049 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

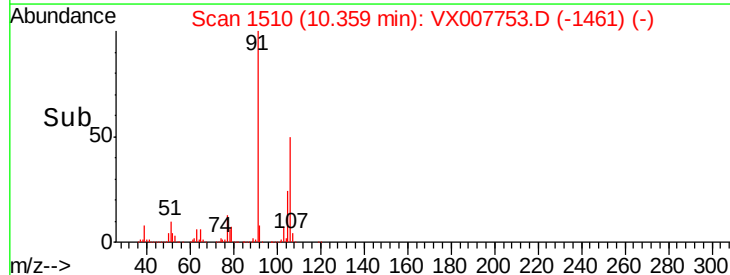
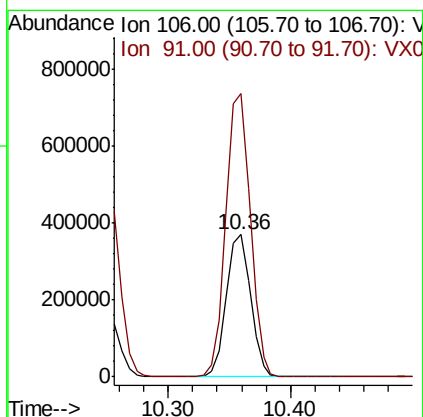
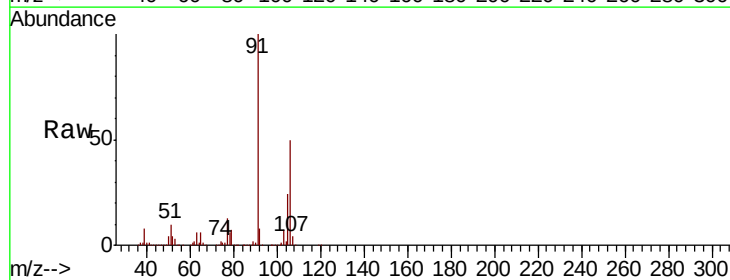
Instrument :
MSVOA_X
ClientSampled :

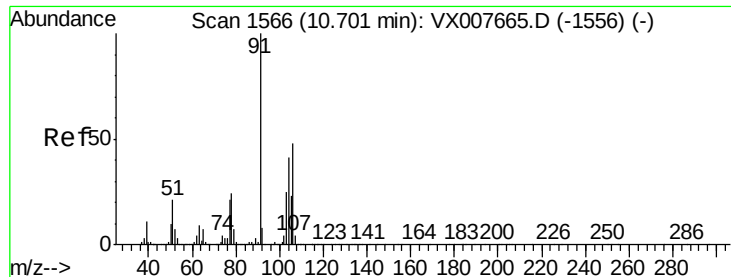
Tot Ion: 91 Resp: 657189
Ion Ratio Lower Upper
91 100
106 31.3 25.4 38.0



#68
m/p-Xylenes
Concen: 95.377 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 106 Resp: 507496
Ion Ratio Lower Upper
106 100
91 202.2 156.6 234.8

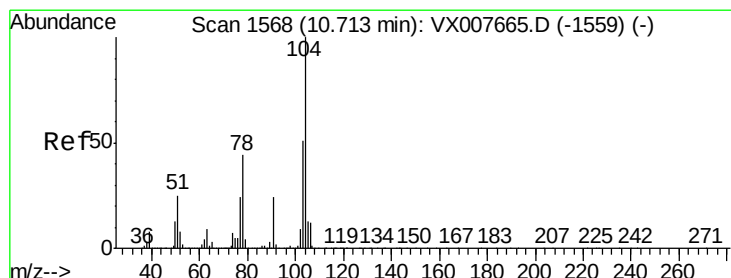
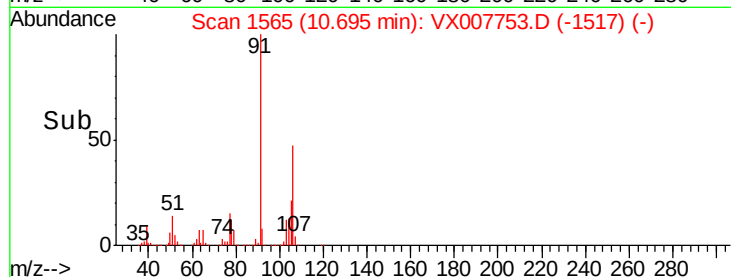
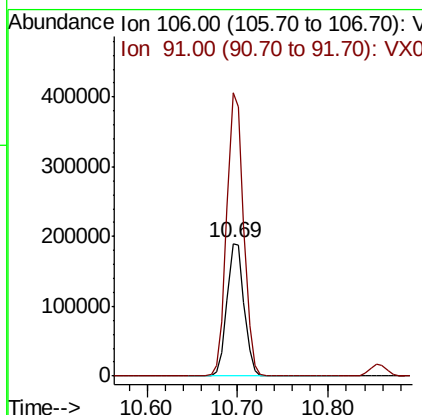
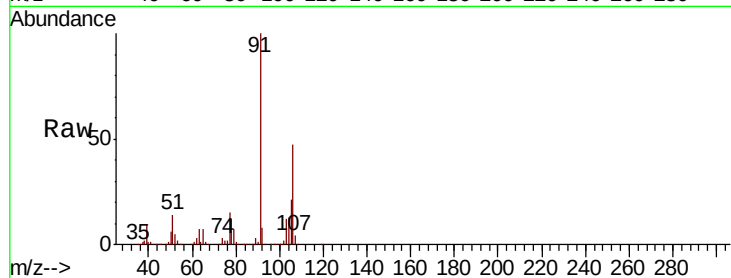




#69
o-Xylene
Concen: 48.778 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

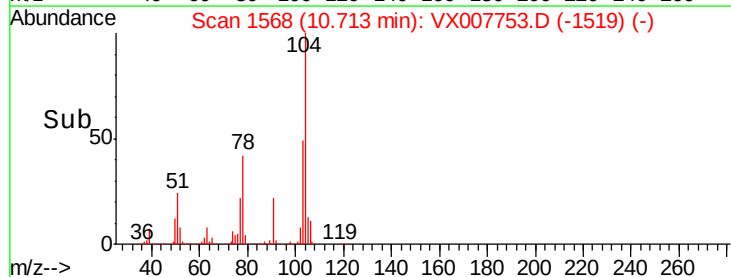
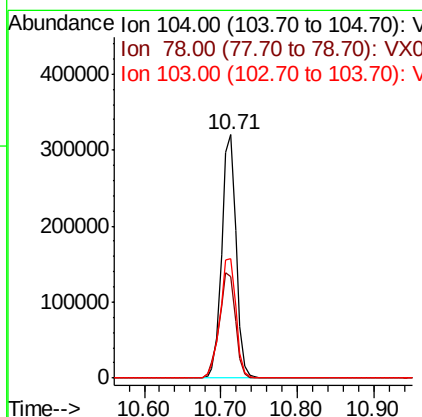
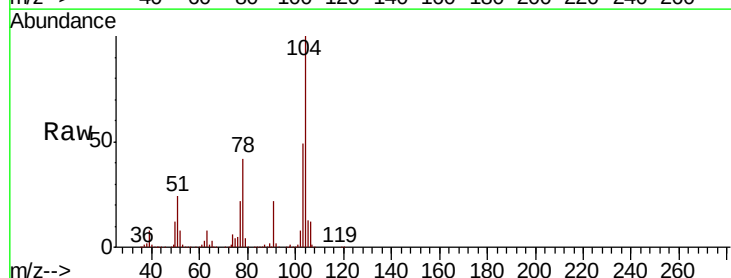
Instrument :
MSVOA_X
ClientSampleId :

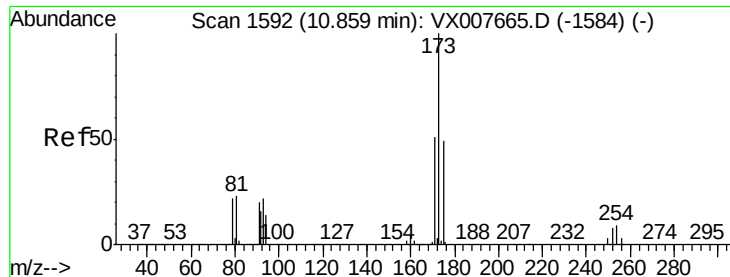
Tot Ion:106 Resp: 249651
Ion Ratio Lower Upper
106 100
91 210.7 102.9 308.7



#70
Styrene
Concen: 49.498 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion:104 Resp: 416407
Ion Ratio Lower Upper
104 100
78 48.6 38.3 57.5
103 54.6 44.6 67.0





#71

Bromoform

Concen: 54.852 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

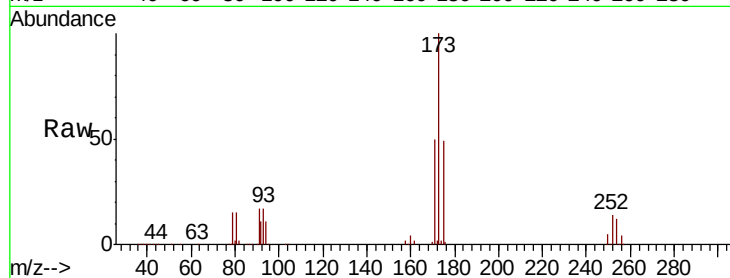
Tot Ion:173 Resp: 118464

Ion Ratio Lower Upper

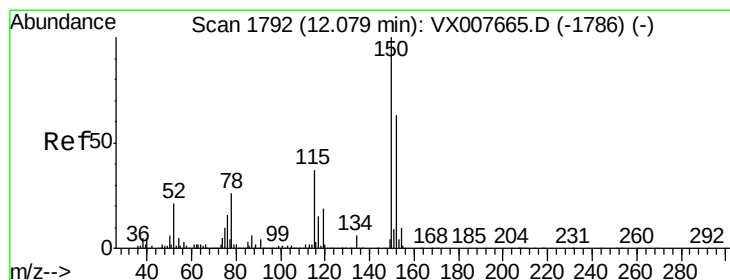
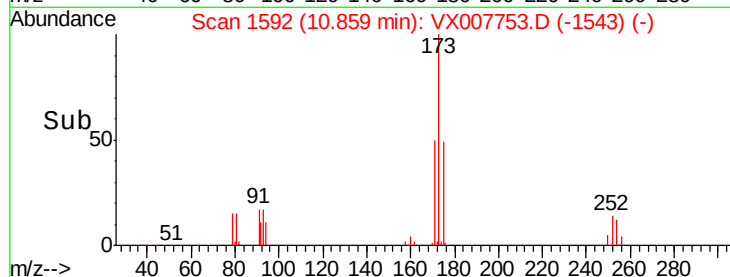
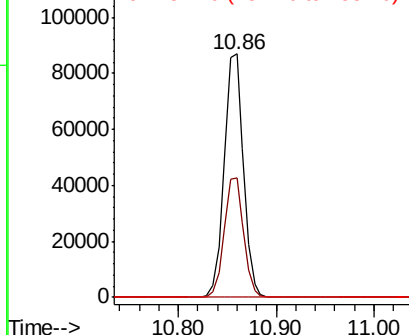
173 100

175 49.4 24.2 72.6

254 0.2 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

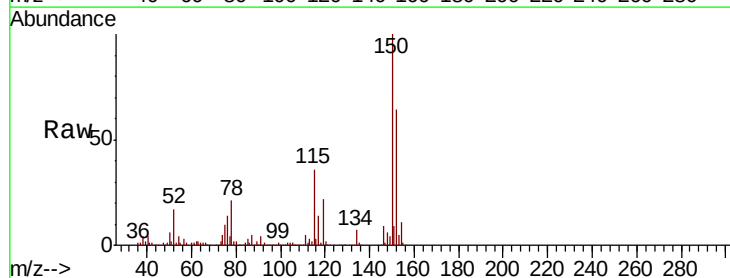
Tgt Ion:152 Resp: 198603

Ion Ratio Lower Upper

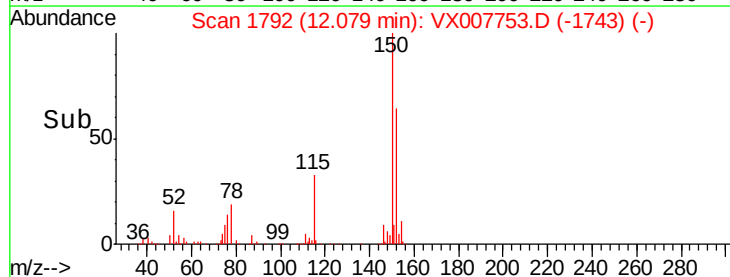
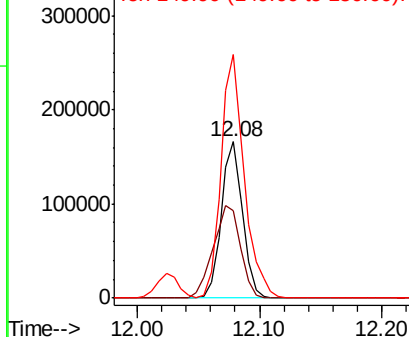
152 100

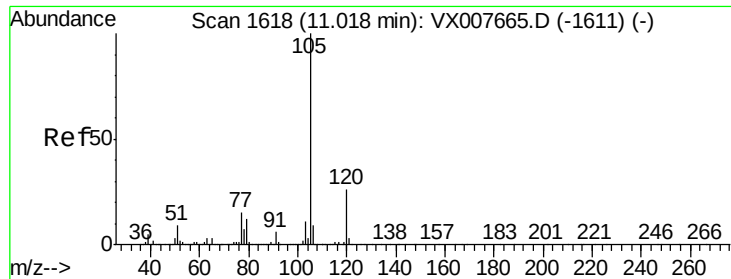
115 76.5 38.0 114.0

150 171.9 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.696 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

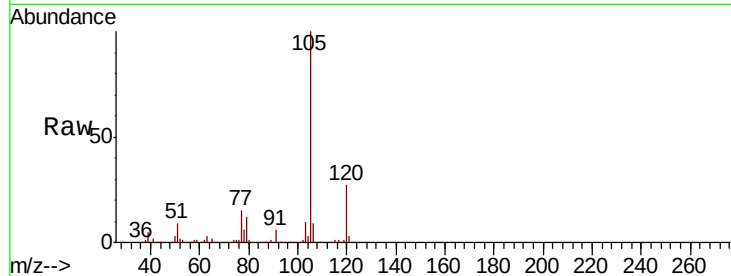
ClientSampleId :

Tot Ion:105 Resp: 662815

Ion Ratio Lower Upper

105 100

120 26.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

600000

500000

400000

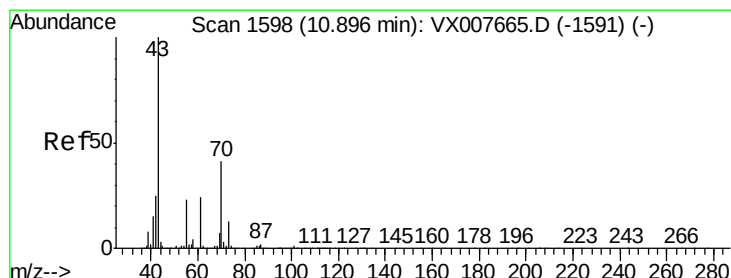
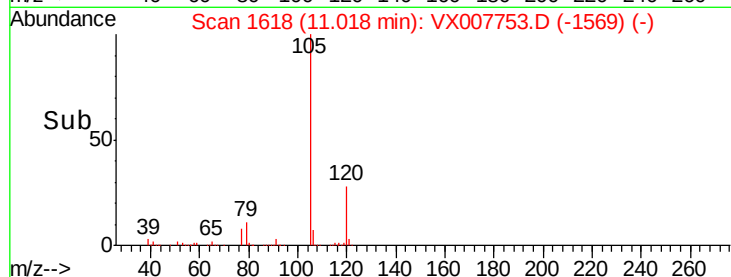
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 50.168 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Tgt Ion: 43 Resp: 309235

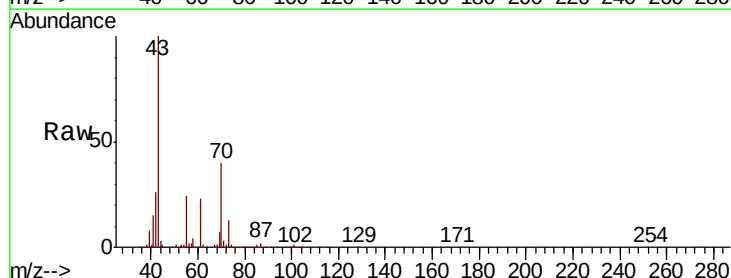
Ion Ratio Lower Upper

43 100

70 41.2 33.8 50.6

55 25.0 19.5 29.3

61 23.8 19.4 29.2



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

400000

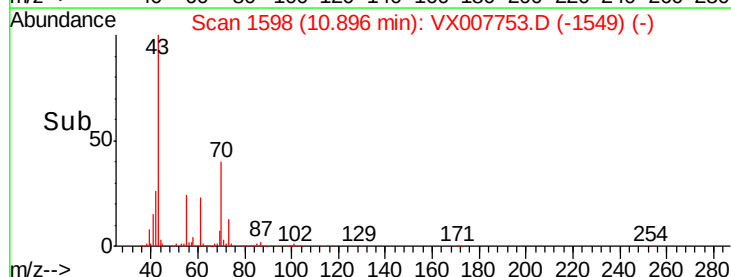
300000

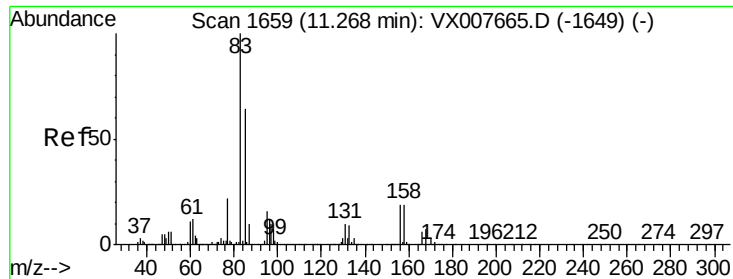
200000

100000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 44.606 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

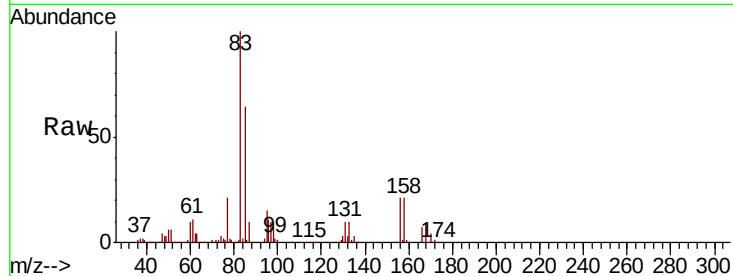
Tot Ion: 83 Resp: 218988

Ion Ratio Lower Upper

83 100

131 10.6 5.7 17.0

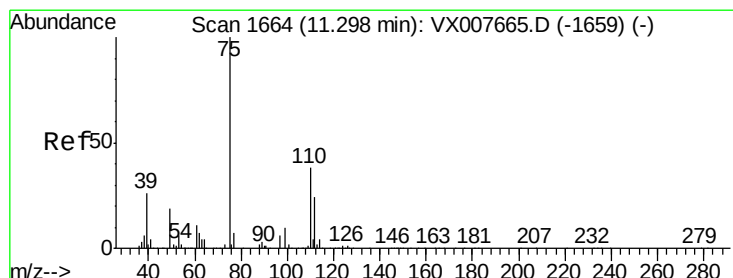
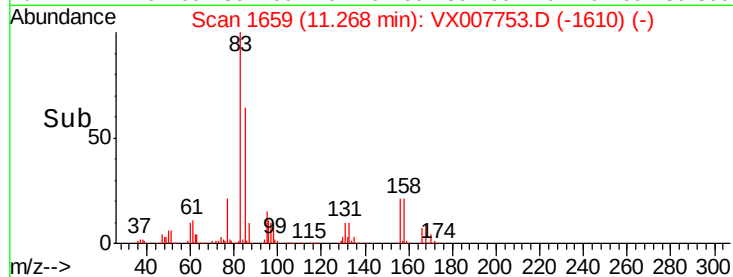
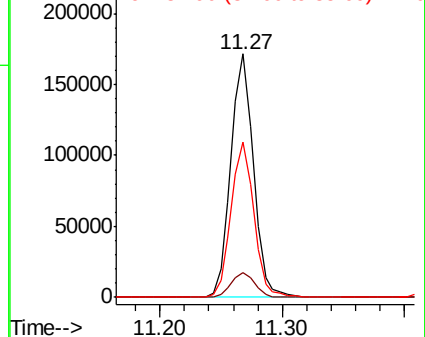
85 64.3 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 60.420 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007753.D

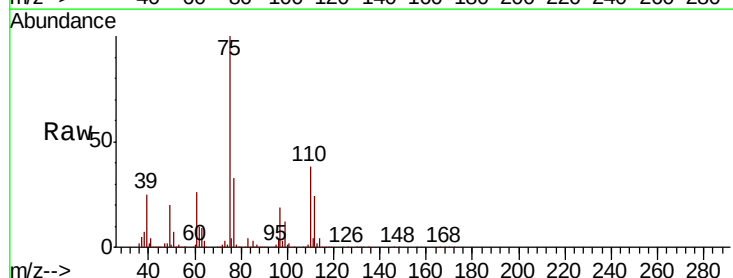
Acq: 27 Feb 2019 23:51

Tgt Ion: 75 Resp: 255778

Ion Ratio Lower Upper

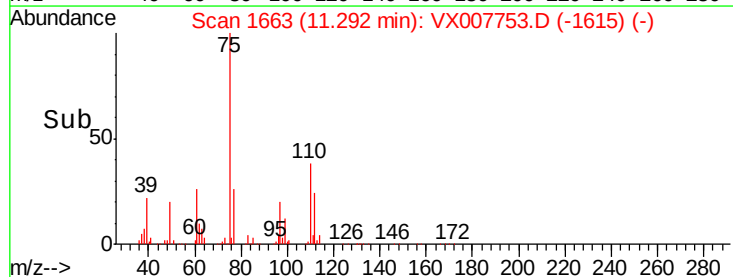
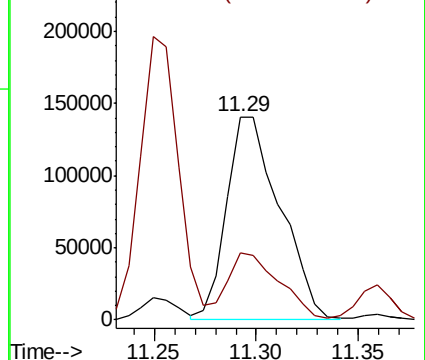
75 100

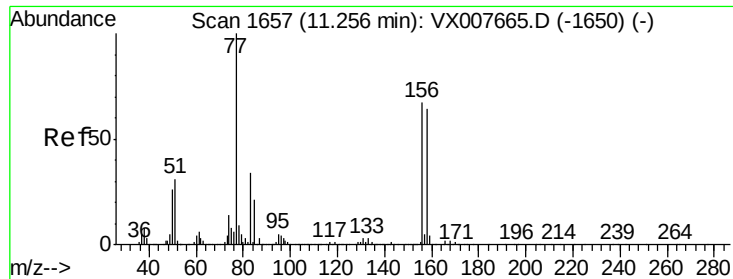
77 32.6 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.650 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

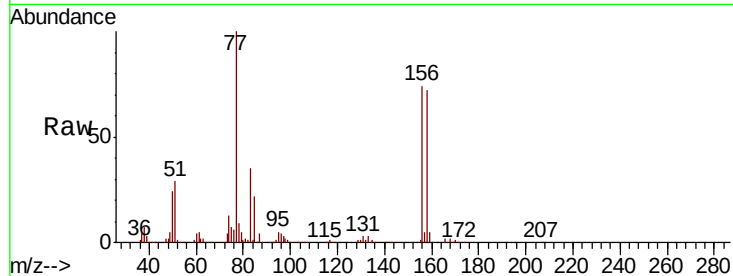
Tot Ion:156 Resp: 176767

Ion Ratio Lower Upper

156 100

77 144.3 66.8 200.6

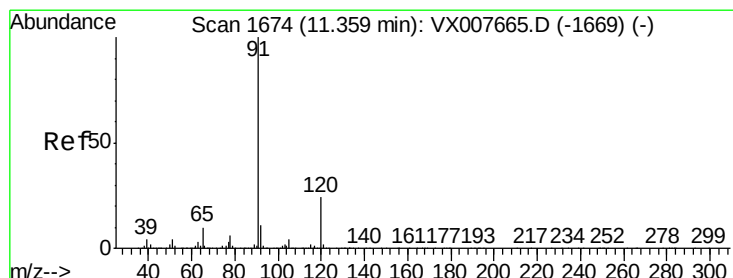
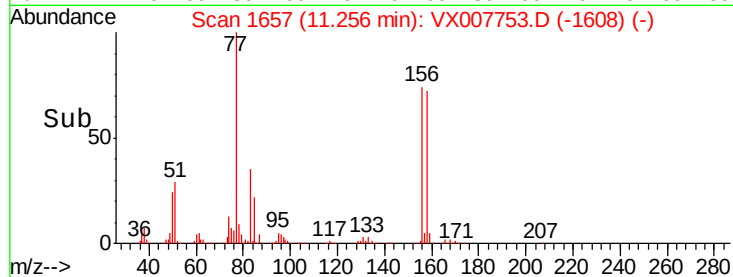
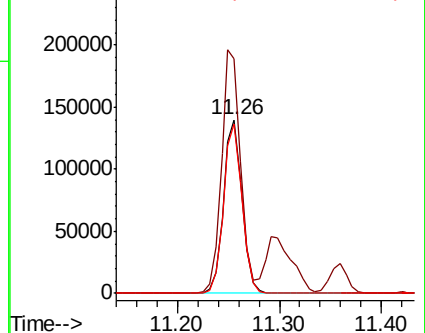
158 98.2 47.9 143.8



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: 45.964 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007753.D

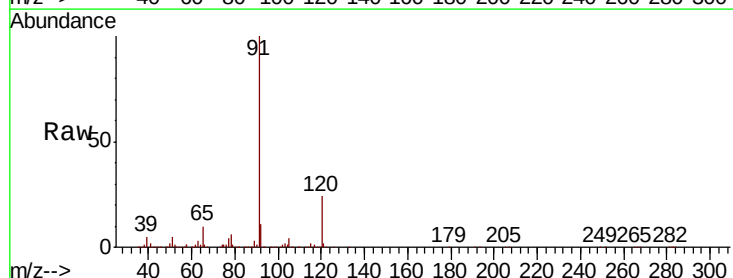
Acq: 27 Feb 2019 23:51

Tgt Ion: 91 Resp: 737255

Ion Ratio Lower Upper

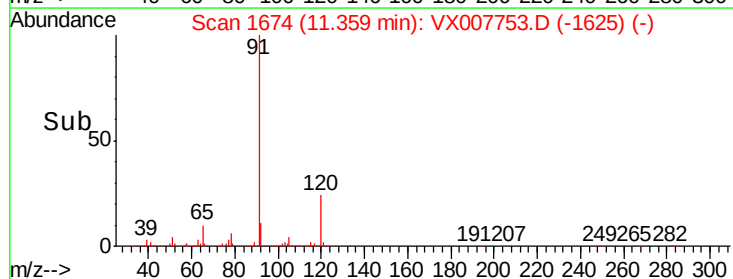
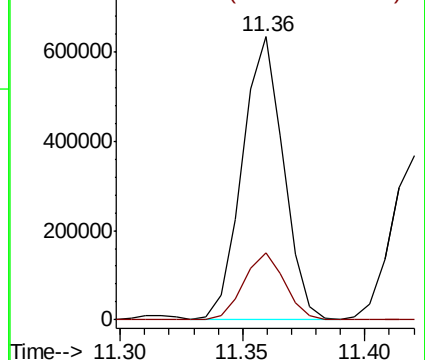
91 100

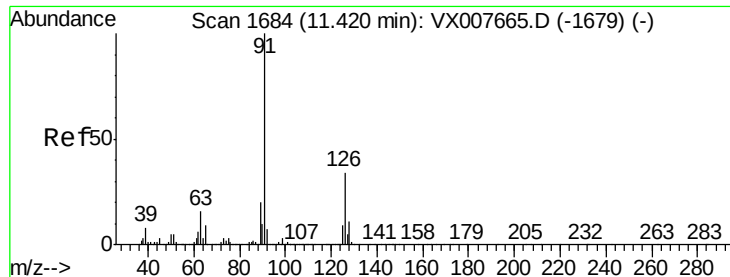
120 23.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.662 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

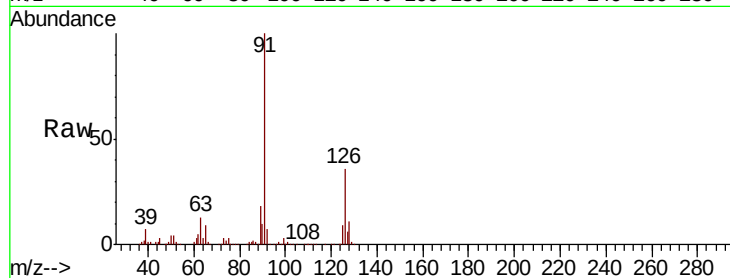
ClientSampleId :

Tot Ion: 91 Resp: 440998

Ion Ratio Lower Upper

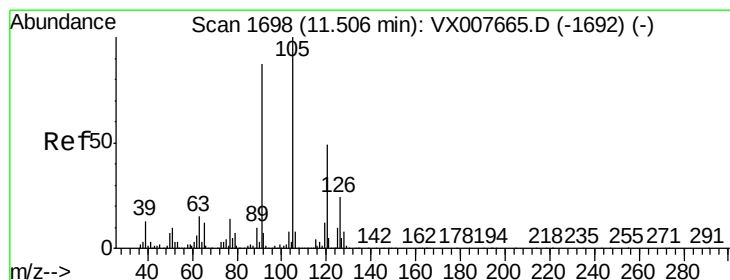
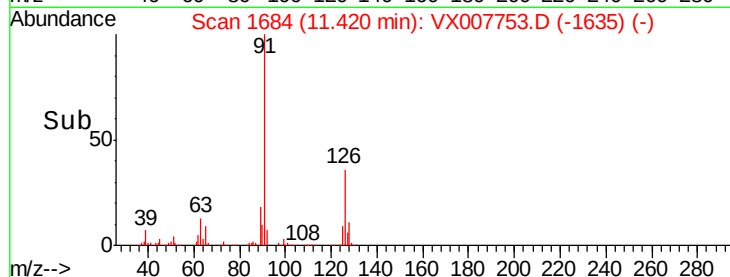
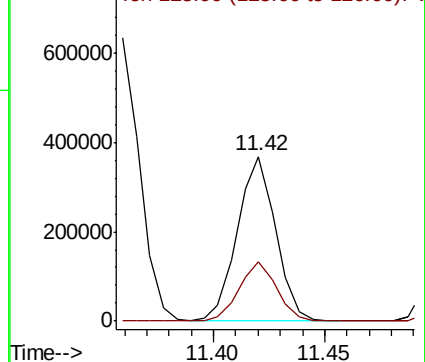
91 100

126 35.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 47.007 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007753.D

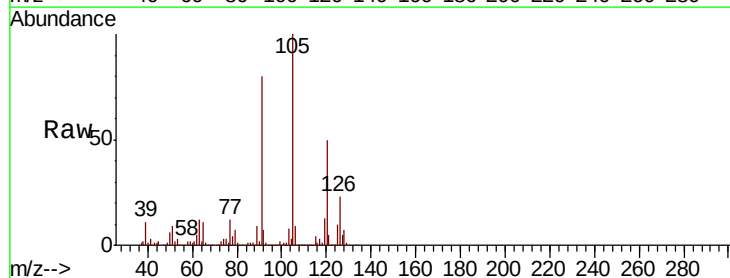
Acq: 27 Feb 2019 23:51

Tgt Ion:105 Resp: 548839

Ion Ratio Lower Upper

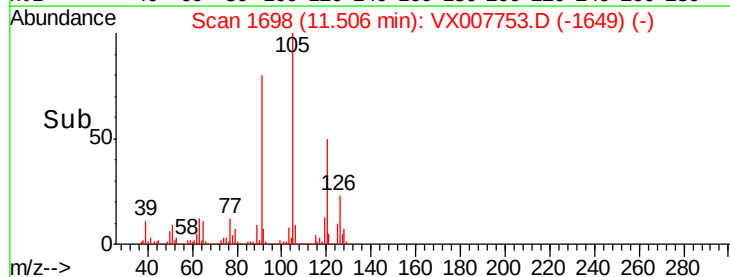
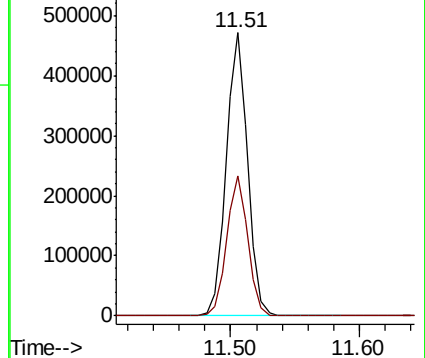
105 100

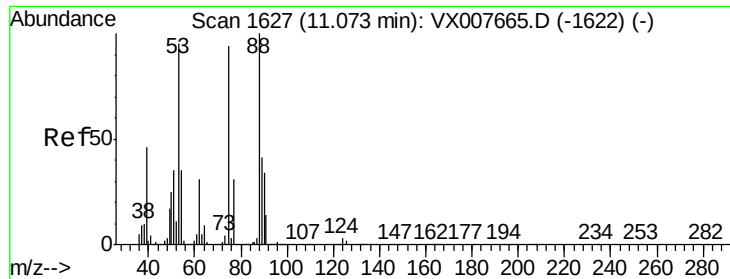
120 49.2 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 40.169 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

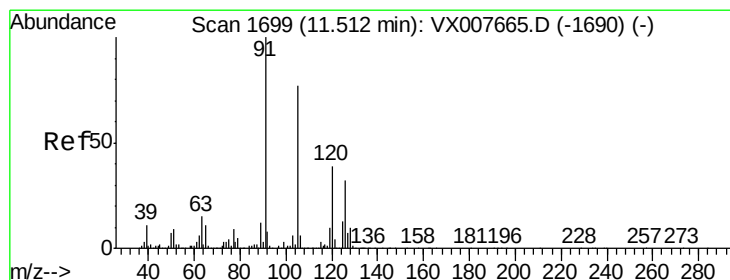
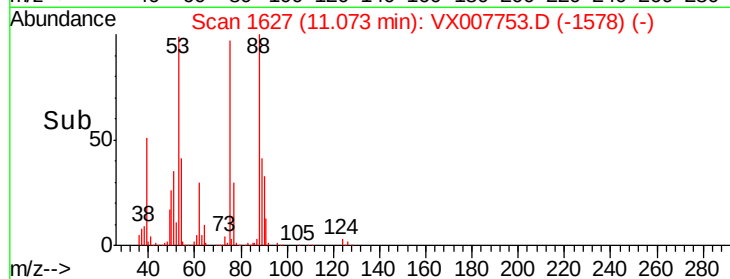
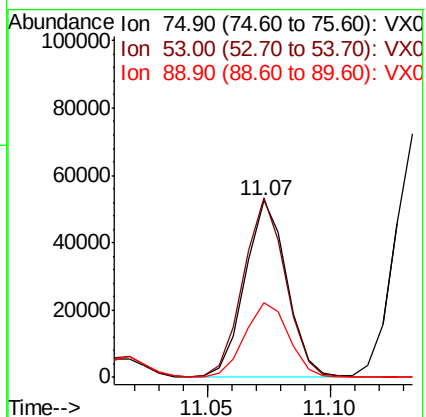
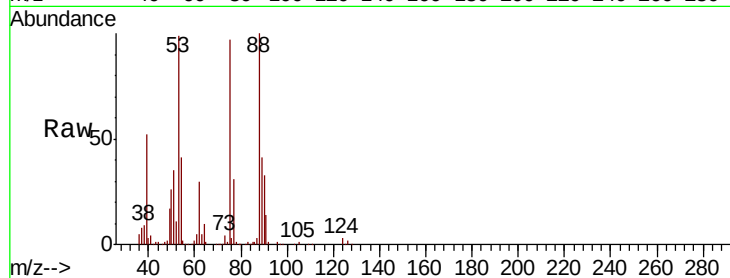
Tot Ion: 75 Resp: 62462

Ion Ratio Lower Upper

75 100

53 102.0 81.0 121.6

89 44.4 41.4 62.0



#82

4-Chlorotoluene

Concen: 44.969 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007753.D

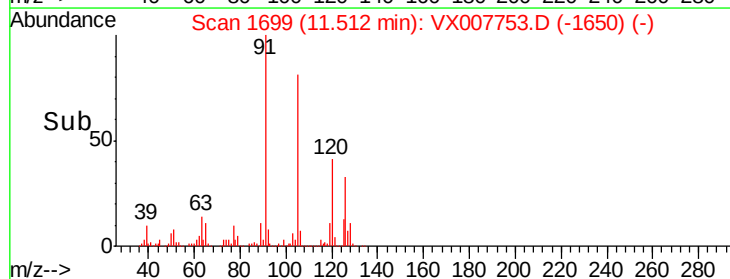
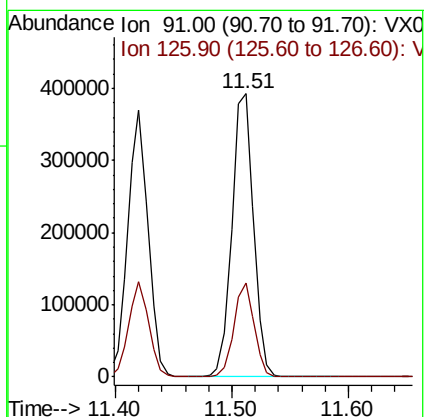
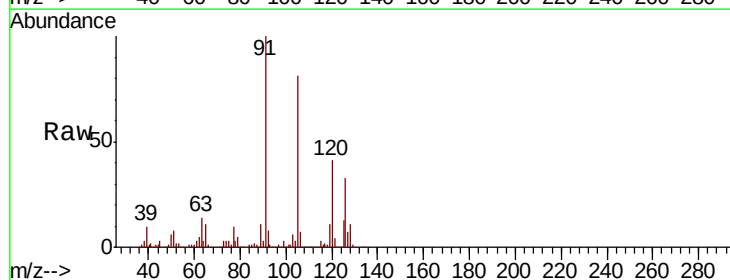
Acq: 27 Feb 2019 23:51

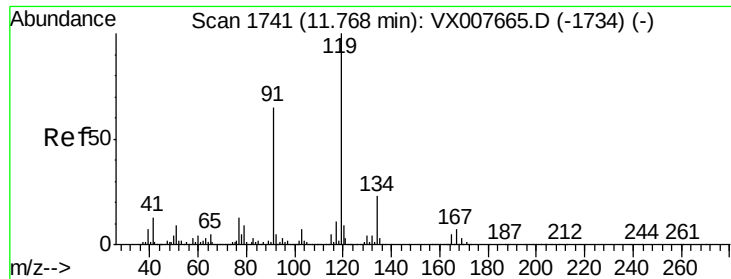
Tgt Ion: 91 Resp: 508066

Ion Ratio Lower Upper

91 100

126 31.2 16.2 48.5

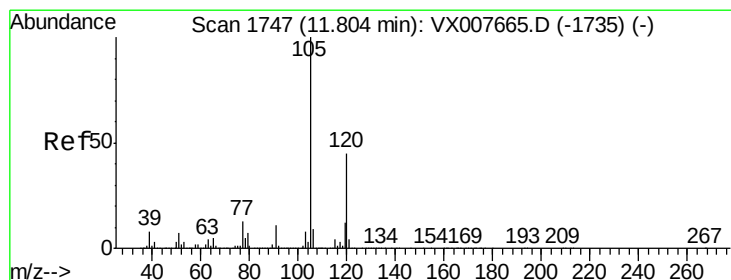
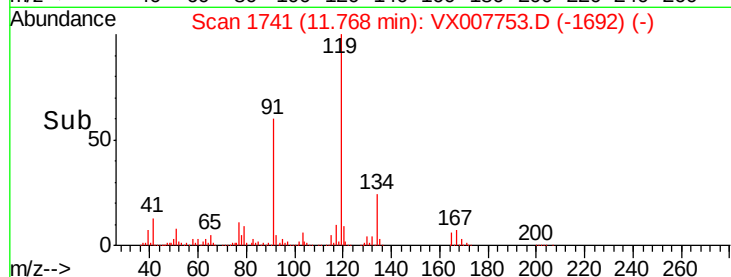
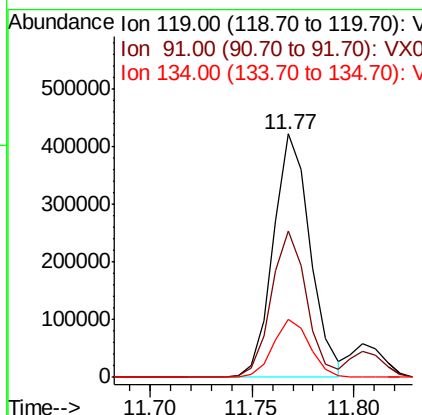
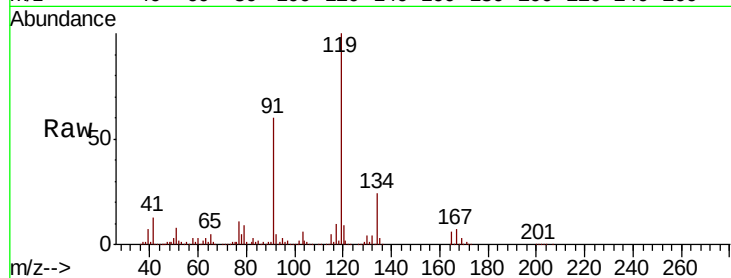




#83
 tert-Butylbenzene
 Concen: 47.563 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

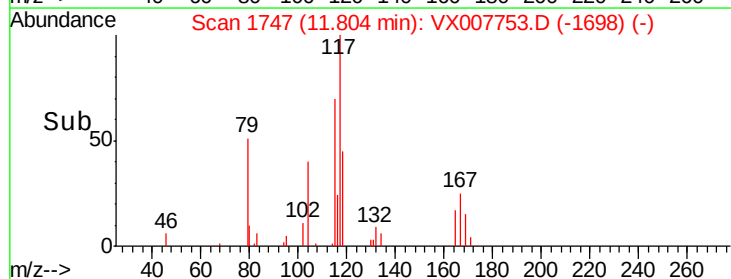
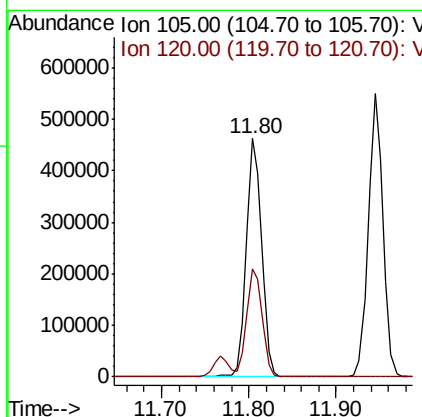
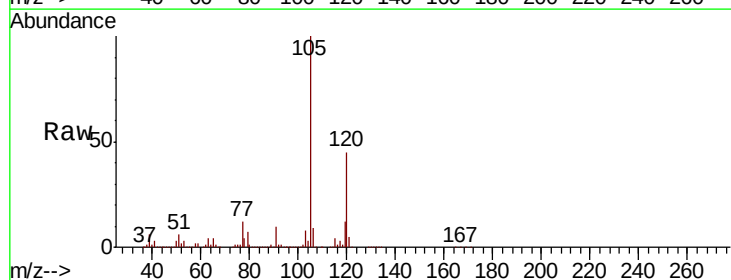
Instrument :
 MSVOA_X
 ClientSampleId :

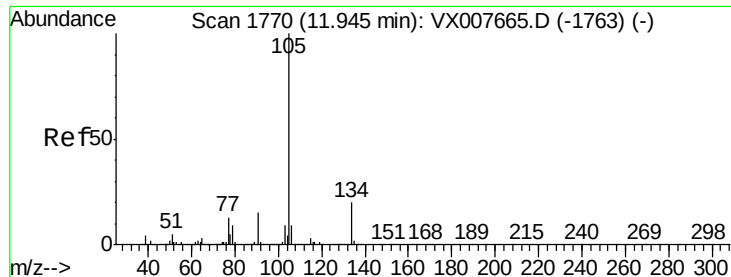
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.5	85.6
134	23.4	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 46.919 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	23.1	69.3





#85

sec-Butylbenzene

Concen: 46.274 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

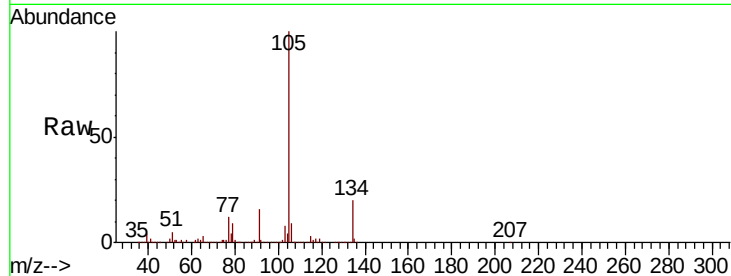
ClientSampleId :

Tot Ion:105 Resp: 650050

Ion Ratio Lower Upper

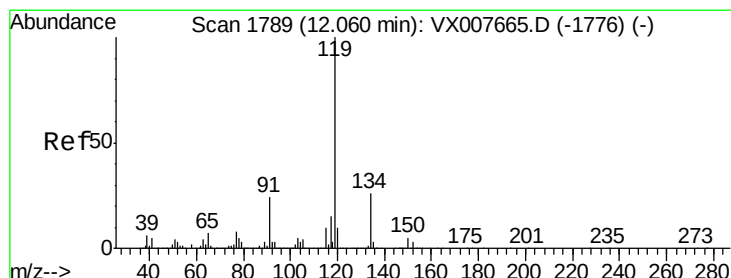
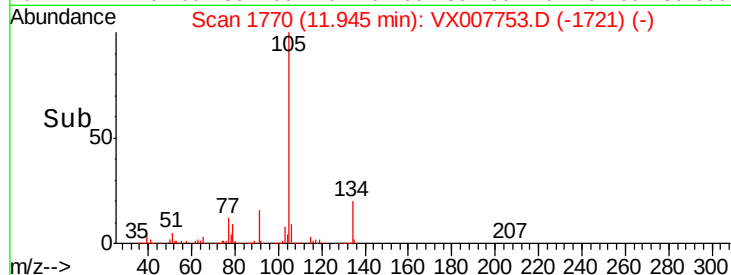
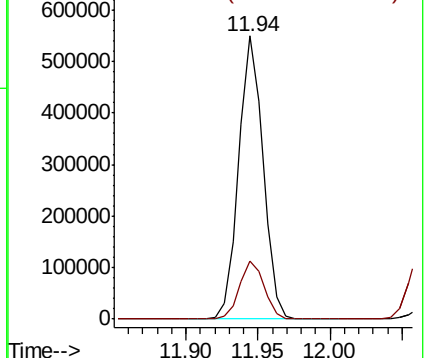
105 100

134 20.6 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.238 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

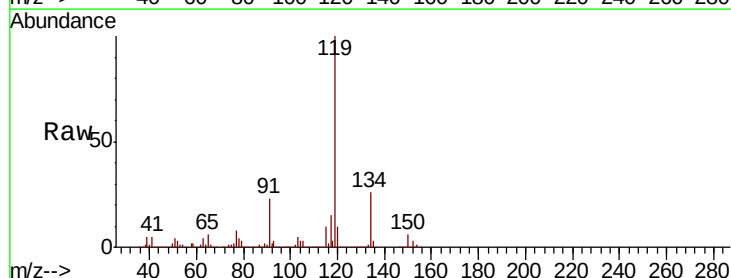
Tgt Ion:119 Resp: 581139

Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.1

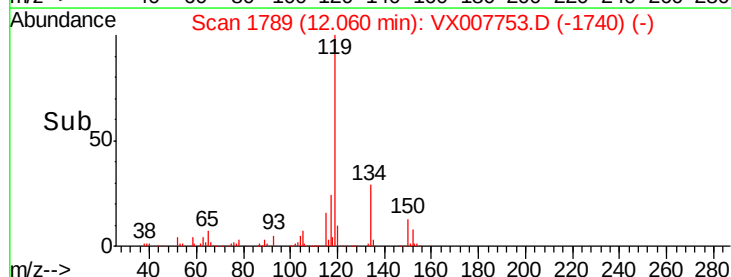
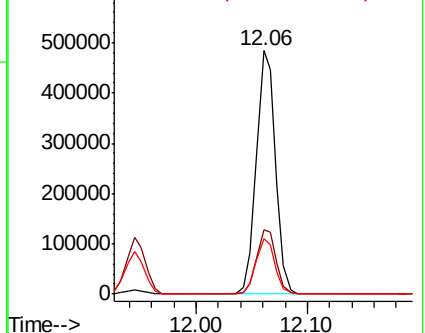
91 22.5 11.2 33.5

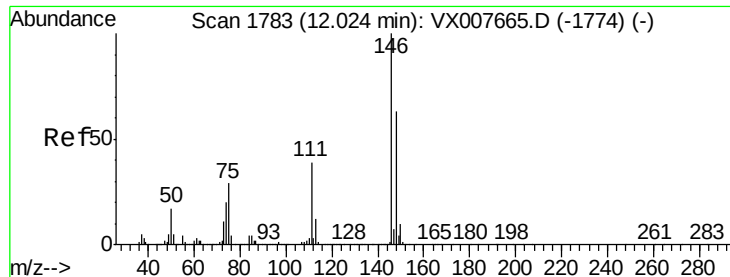


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

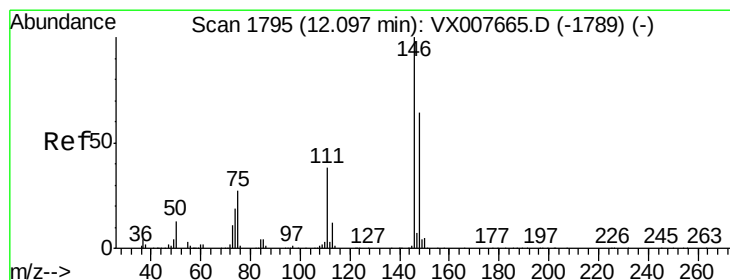
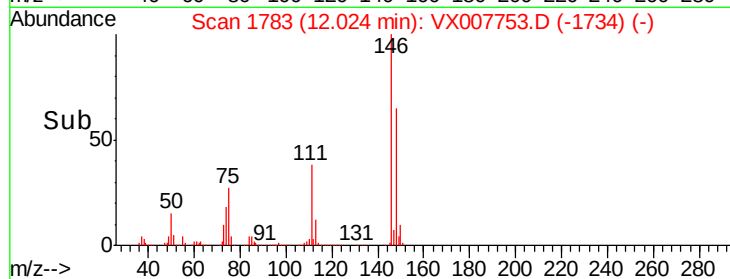
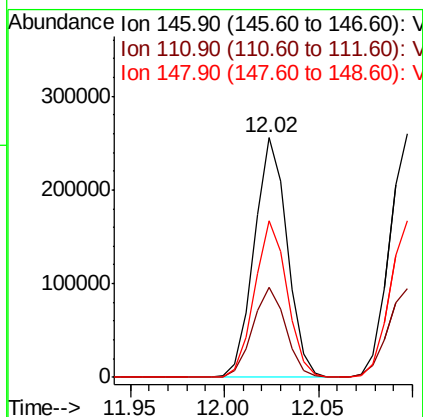
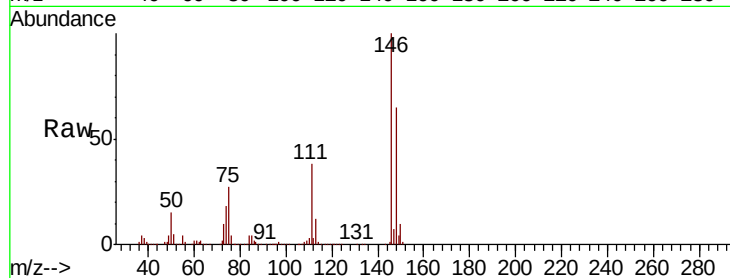




#87
 1,3-Dichlorobenzene
 Concen: 47.011 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

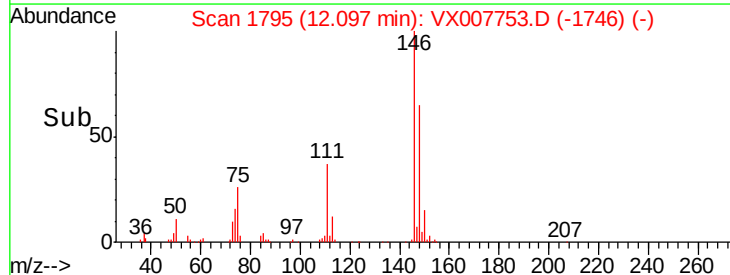
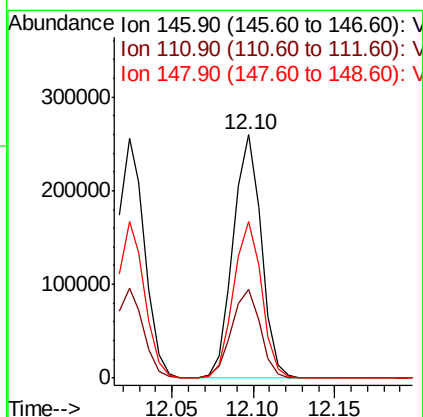
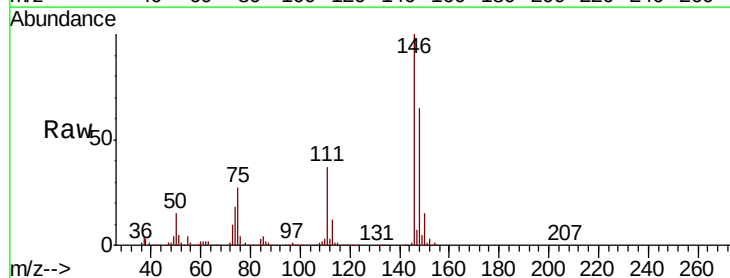
Instrument :
 MSVOA_X
 ClientSampleId :

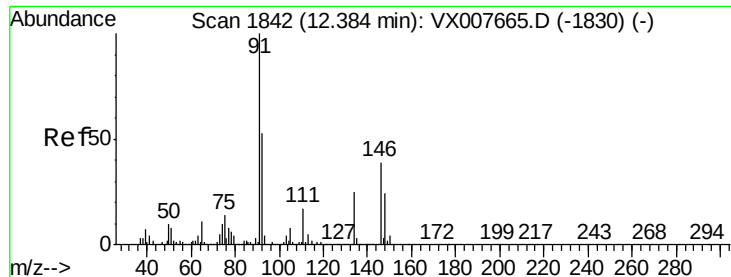
Tot Ion:146 Resp: 310456
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 64.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 46.060 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion:146 Resp: 311523
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.1 54.1
 148 64.7 32.3 96.9

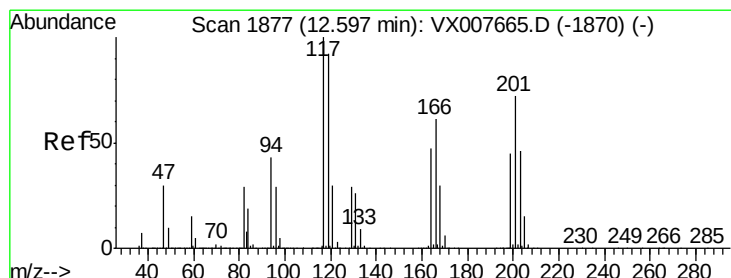
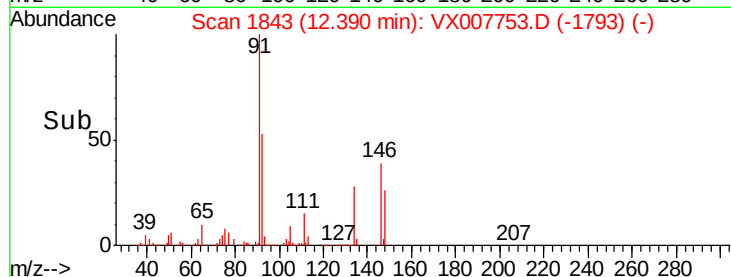
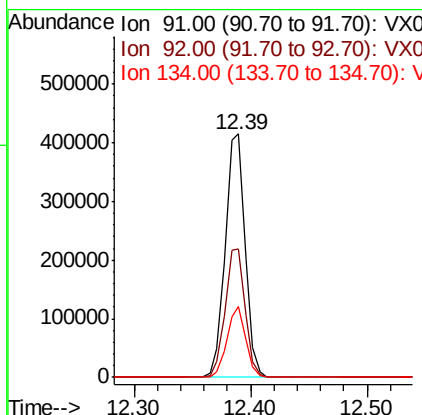
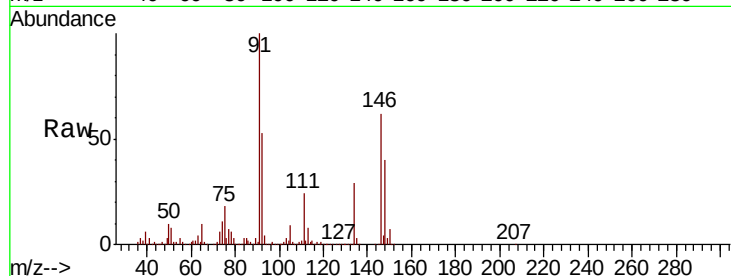




#89
n-Butylbenzene
Concen: 44.608 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

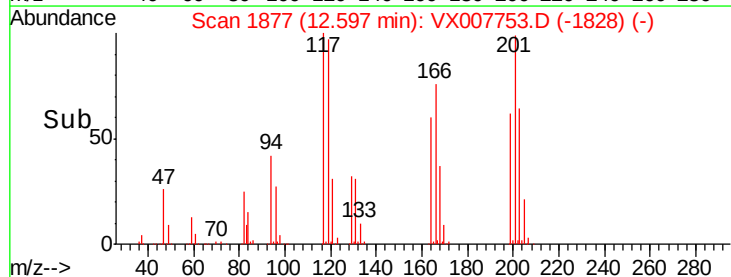
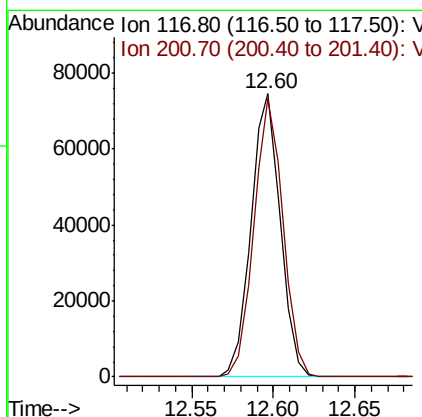
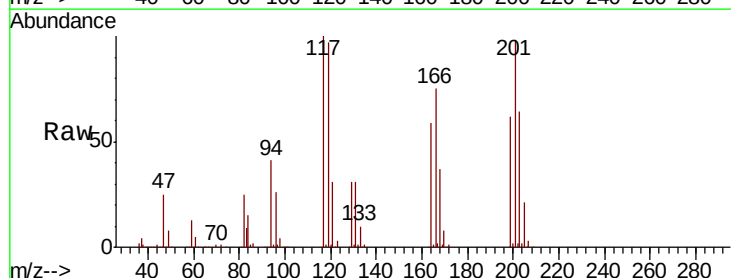
Instrument :
MSVOA_X
ClientSampled :

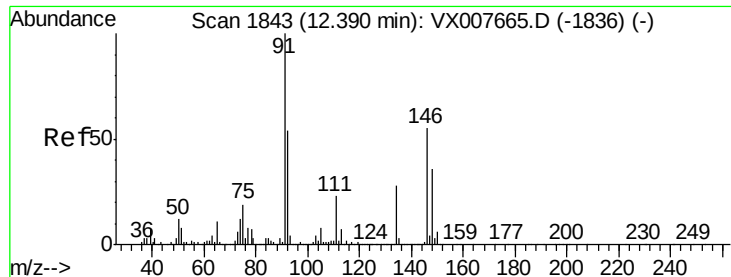
Tot Ion: 91 Resp: 489424
Ion Ratio Lower Upper
91 100
92 52.9 26.3 78.9
134 27.4 13.9 41.6



#90
Hexachloroethane
Concen: 44.884 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007753.D
Acq: 27 Feb 2019 23:51

Tgt Ion: 117 Resp: 93040
Ion Ratio Lower Upper
117 100
201 97.6 44.9 134.7

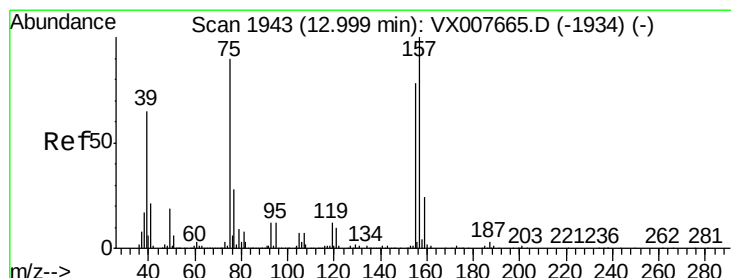
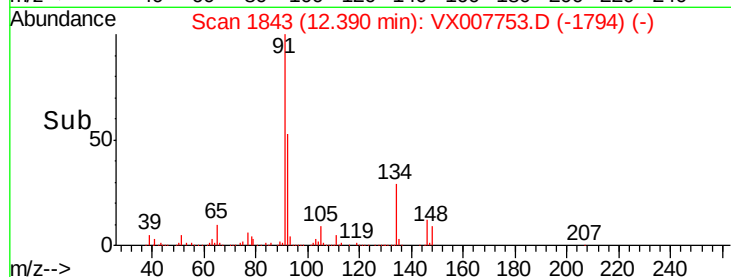
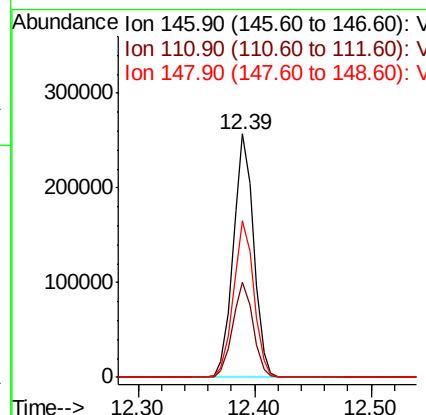
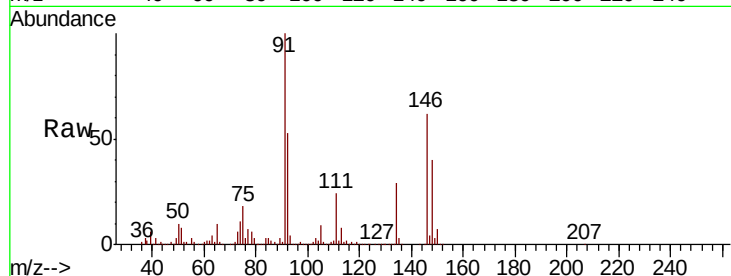




#91
 1,2-Dichlorobenzene
 Concen: 47.282 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

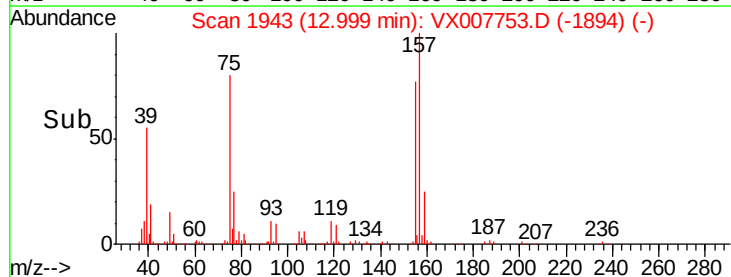
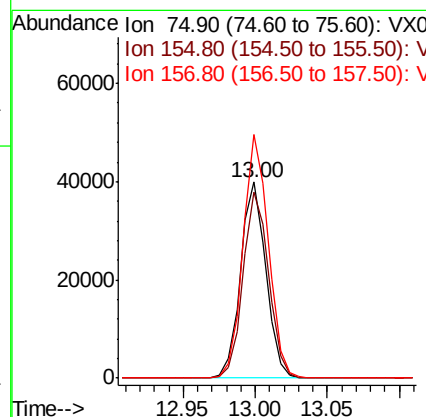
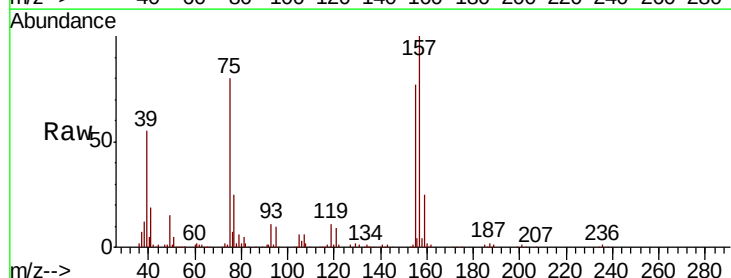
Instrument :
 MSVOA_X
 ClientSampleId :

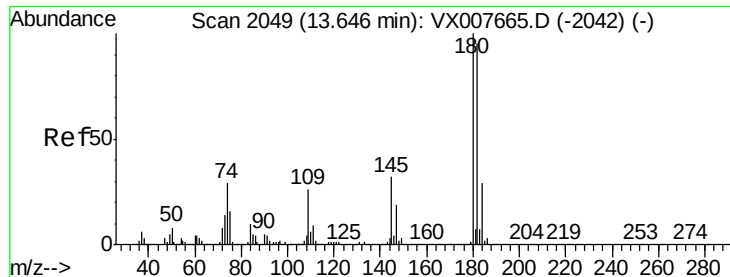
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	64.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.877 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.5	49.6	149.0
157	122.9	65.1	195.3

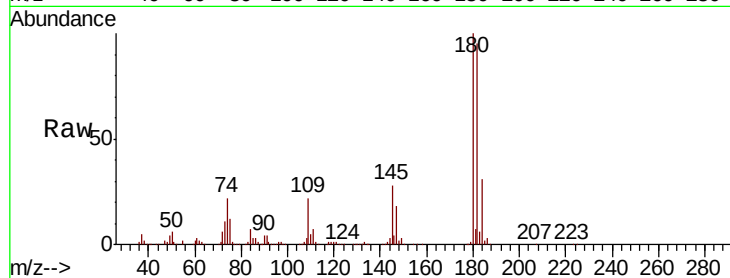




#93
 1,2,4-Trichlorobenzene
 Concen: 53.646 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	28.1	14.1	42.2

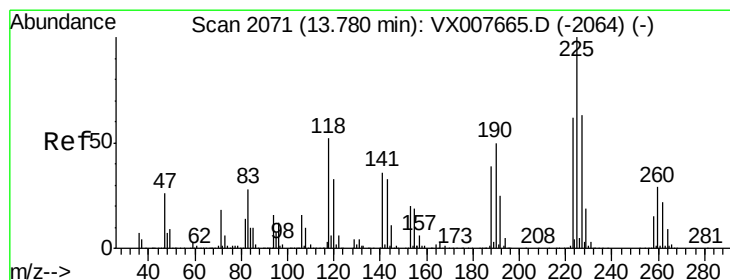
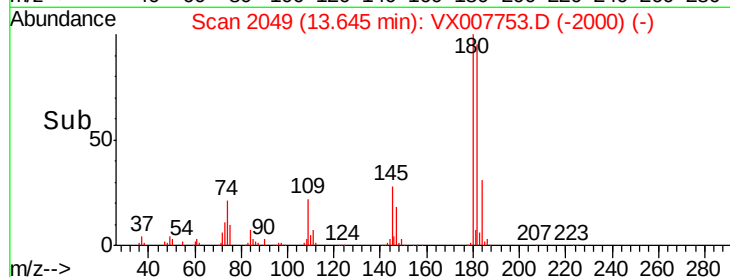
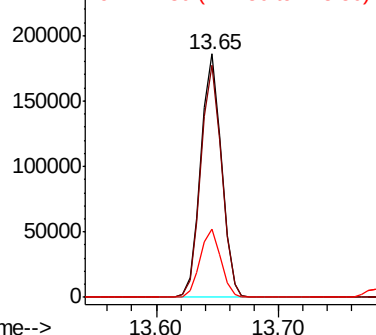


Abundance

Ion 179.80 (179.50 to 180.50): V

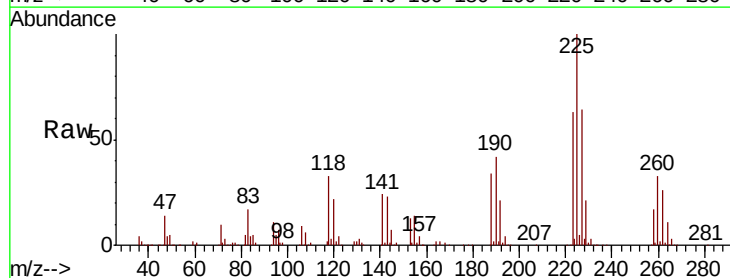
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 61.286 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007753.D
 Acq: 27 Feb 2019 23:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.6	94.8
227	63.4	32.1	96.3

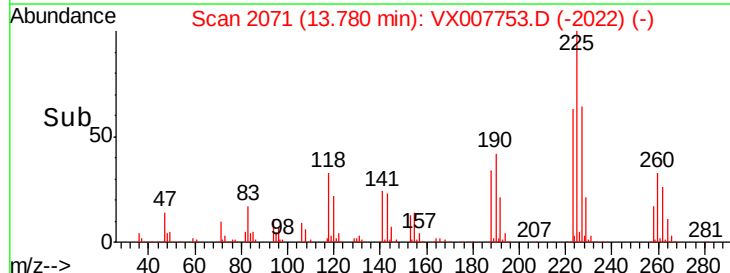
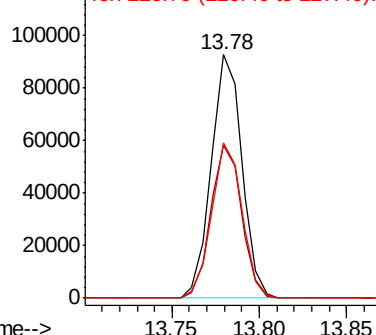


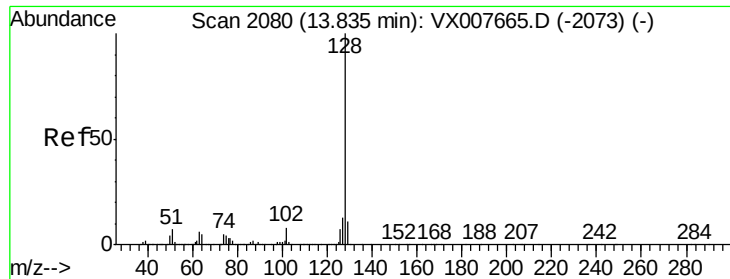
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.651 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

Instrument :

MSVOA_X

ClientSampleId :

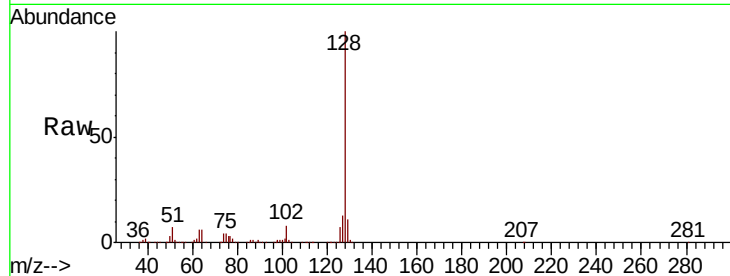
Tot Ion:128 Resp: 674957

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

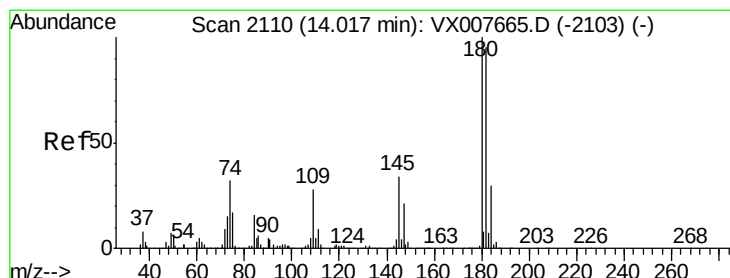
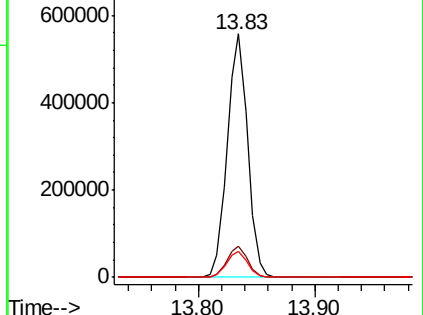
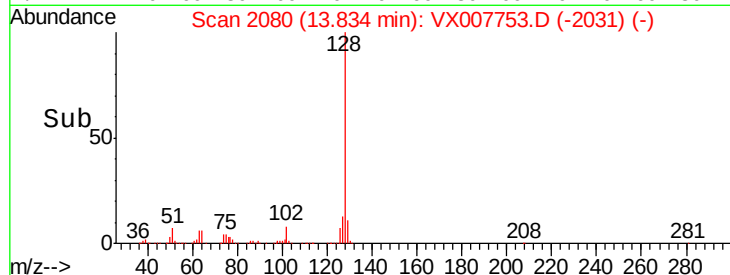
129 10.9 8.7 13.1



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: 54.489 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007753.D

Acq: 27 Feb 2019 23:51

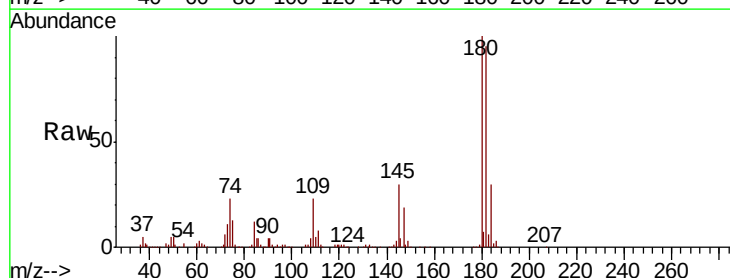
Tgt Ion:180 Resp: 220674

Ion Ratio Lower Upper

180 100

182 96.0 47.5 142.6

145 29.8 14.9 44.5



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

