

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010719\
 Data File : VX006928.D
 Acq On : 07 Jan 2019 11:55
 Operator : JC/MD
 Sample : VX0107WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 06:31:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	519899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	768147	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	687802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	352147	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	278123	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
35) Dibromofluoromethane	5.51	113	257223	52.95	ug/l	0.00
Spiked Amount			Recovery	=	105.90%	
50) Toluene-d8	8.71	98	916821	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	324634	48.40	ug/l	0.00
Spiked Amount			Recovery	=	96.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	75820	15.941	ug/l	97
3) Chloromethane	1.33	50	81635	15.932	ug/l	100
4) Vinyl Chloride	1.41	62	91424	17.083	ug/l	100
5) Bromomethane	1.64	94	92639	17.296	ug/l	94
6) Chloroethane	1.71	64	61766	16.669	ug/l	96
7) Trichlorofluoromethane	1.93	101	154353	18.500	ug/l	99
8) Diethyl Ether	2.19	74	62973	19.002	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93451	19.076	ug/l	99
10) Methyl Iodide	2.51	142	126002	17.968	ug/l	99
11) Tert butyl alcohol	3.08	59	134163	107.288	ug/l	99
12) 1,1-Dichloroethene	2.37	96	82854	17.837	ug/l	99
13) Acrolein	2.29	56	71803	85.116	ug/l	99
14) Allyl chloride	2.73	41	150016	19.186	ug/l	99
15) Acrylonitrile	3.15	53	291579	105.017	ug/l	99
16) Acetone	2.45	43	267172	103.784	ug/l	99
17) Carbon Disulfide	2.57	76	169613	13.798	ug/l	98
18) Methyl Acetate	2.78	43	177908	23.503	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	331433	21.497	ug/l	99
20) Methylene Chloride	2.85	84	102297	19.217	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	90841	17.650	ug/l	95
22) Diisopropyl ether	3.87	45	304870	21.313	ug/l	95
23) Vinyl Acetate	3.82	43	1199316	102.502	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169769	19.882	ug/l	97
25) 2-Butanone	4.70	43	374964	103.550	ug/l	100
26) 2,2-Dichloropropane	4.59	77	127526	19.334	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	110521	19.463	ug/l	98
28) Bromochloromethane	5.01	49	78441	20.706	ug/l	97
29) Tetrahydrofuran	5.15	42	244656	102.583	ug/l	98
30) Chloroform	5.21	83	177416	20.064	ug/l	98
31) Cyclohexane	5.57	56	132321	17.057	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	147333	19.733	ug/l	99
36) 1,1-Dichloropropene	5.80	75	120287	18.907	ug/l	98
37) Ethyl Acetate	4.85	43	141194	21.323	ug/l	98
38) Carbon Tetrachloride	5.78	117	121115	19.589	ug/l	92

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140031	16.719	ug/l	92
40) Benzene	6.14	78	381091	19.706	ug/l	99
41) Methacrylonitrile	5.06	41	80042	22.768	ug/l	98
42) 1,2-Dichloroethane	6.20	62	132656	20.131	ug/l	100
43) Isopropyl Acetate	6.46	43	224122	22.245	ug/l	99
44) Trichloroethene	7.21	130	111503	19.050	ug/l	93
45) 1,2-Dichloropropane	7.52	63	98836	21.002	ug/l	98
46) Dibromomethane	7.66	93	69773	20.157	ug/l	100
47) Bromodichloromethane	7.90	83	119565	20.805	ug/l	100
48) Methyl methacrylate	7.77	41	110624	21.591	ug/l	98
49) 1,4-Dioxane	7.75	88	54002	390.723	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	725584	113.186	ug/l	99
52) Toluene	8.79	92	248955	19.927	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	127820	20.738	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	144962	21.435	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	107187	20.960	ug/l	92
56) Ethyl methacrylate	9.18	69	153721	21.268	ug/l	96
57) 1,3-Dichloropropane	9.37	76	169933	20.654	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	387347	100.819	ug/l	99
59) 2-Hexanone	9.49	43	540230	110.142	ug/l	100
60) Dibromochloromethane	9.58	129	105748	21.177	ug/l	96
61) 1,2-Dibromoethane	9.67	107	113738	20.923	ug/l	98
64) Tetrachloroethene	9.34	164	109073	20.027	ug/l	97
65) Chlorobenzene	10.14	112	293145	20.146	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	103967	22.901	ug/l	98
67) Ethyl Benzene	10.25	91	464582	19.539	ug/l	100
68) m/p-Xylenes	10.36	106	368166	39.240	ug/l	99
69) o-Xylene	10.70	106	182648	19.714	ug/l	97
70) Styrene	10.71	104	291172	19.865	ug/l	99
71) Bromoform	10.86	173	74705	21.076	ug/l	100
73) Isopropylbenzene	11.02	105	482724	20.037	ug/l	100
74) N-amyl acetate	10.90	43	192305	22.301	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	157420	21.972	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	171292	26.174	ug/l	91
77) Bromobenzene	11.26	156	131823	20.240	ug/l	99
78) n-propylbenzene	11.36	91	532088	20.057	ug/l	99
79) 2-Chlorotoluene	11.42	91	315598	19.631	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	403216	20.320	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	38705	20.707	ug/l	96
82) 4-Chlorotoluene	11.51	91	362437	19.654	ug/l	99
83) tert-Butylbenzene	11.77	119	409988	20.644	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	409889	19.639	ug/l	100
85) sec-Butylbenzene	11.94	105	478911	19.669	ug/l	100
86) p-Isopropyltoluene	12.07	119	431978	20.182	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	230952	19.675	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	230684	19.170	ug/l	98
89) n-Butylbenzene	12.39	91	355408	19.511	ug/l	99
90) Hexachloroethane	12.60	117	61013	20.307	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	232096	19.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30732	20.730	ug/l	99

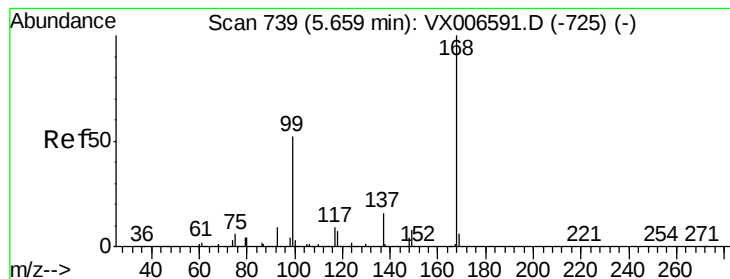
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	159064	19.638	ug/l	100
94) Hexachlorobutadiene	13.78	225	72500	18.990	ug/l	97
95) Naphthalene	13.83	128	493060	19.073	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	160789	19.226	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

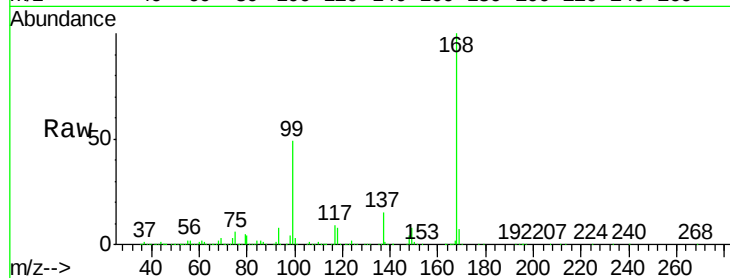
ClientSampled :

Tot Ion:168 Resp: 519899

Ion Ratio Lower Upper

168 100

99 49.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

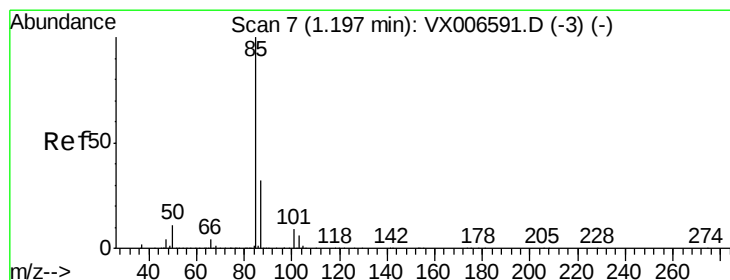
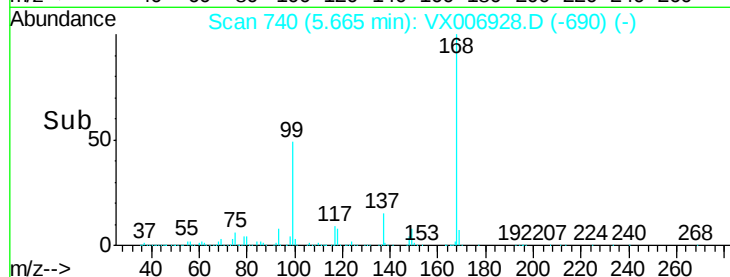
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 15.941 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006928.D

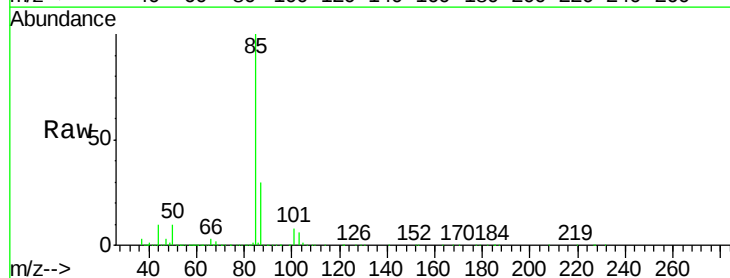
Acq: 07 Jan 2019 11:55

Tgt Ion: 85 Resp: 75820

Ion Ratio Lower Upper

85 100

87 30.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

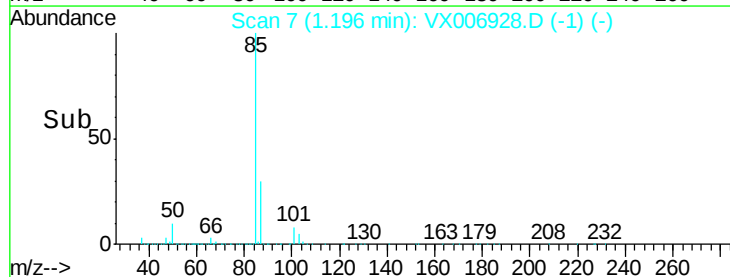
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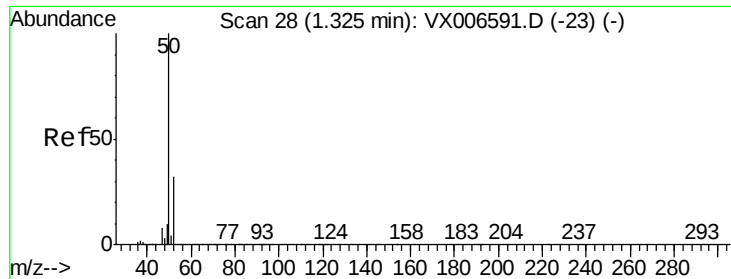
40000

20000

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Time-->





#3

Chloromethane

Concen: 15.932 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

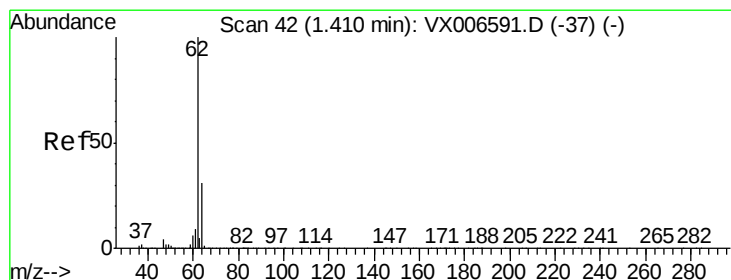
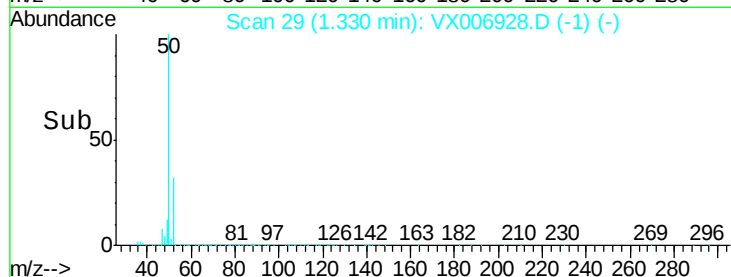
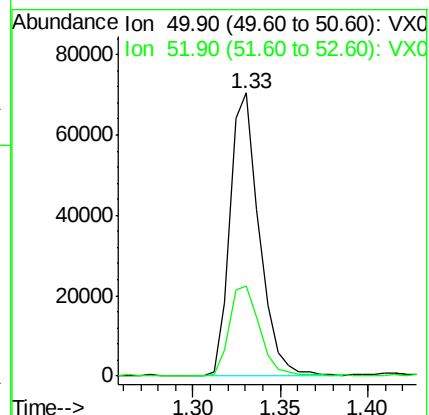
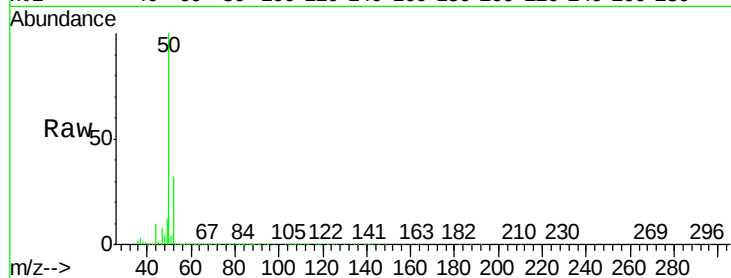
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 81635

Ion Ratio Lower Upper

50 100

52 32.0 25.4 38.2



#4

Vinyl Chloride

Concen: 17.083 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006928.D

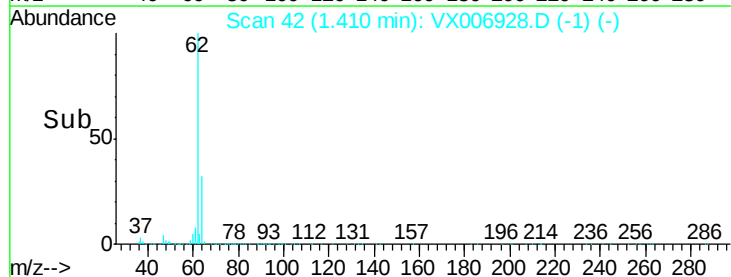
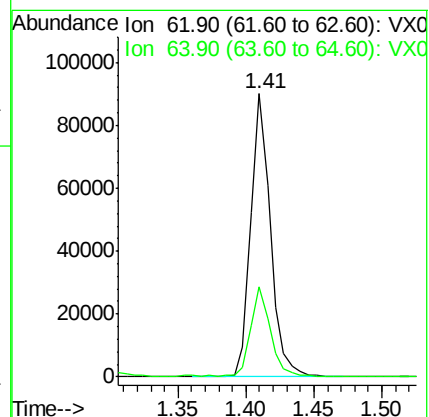
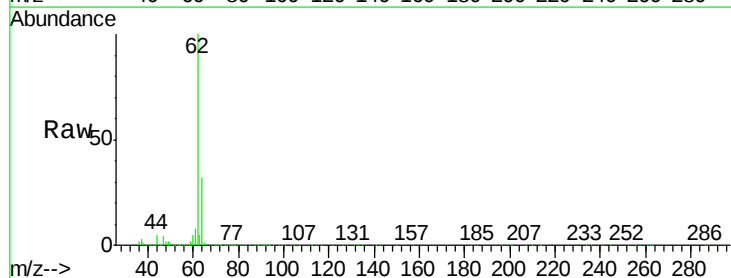
Acq: 07 Jan 2019 11:55

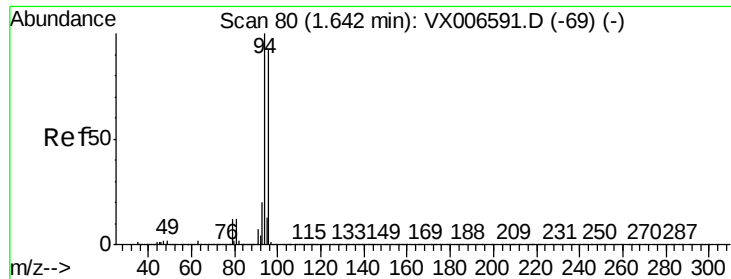
Tgt Ion: 62 Resp: 91424

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 17.296 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

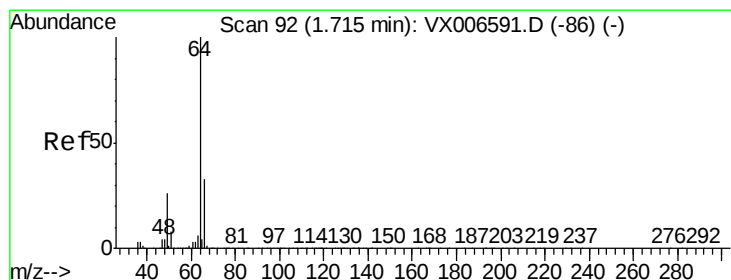
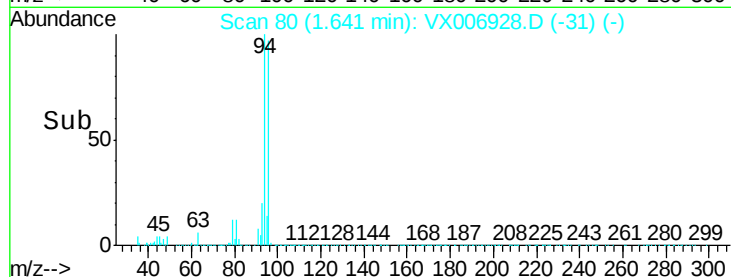
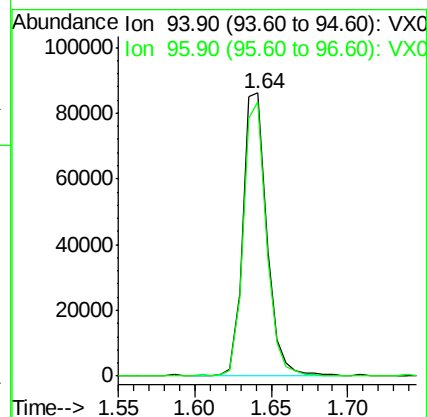
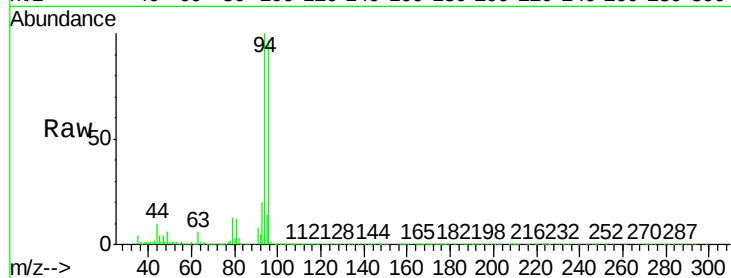
ClientSampleId :

Tot Ion: 94 Resp: 92639

Ion Ratio Lower Upper

94 100

96 97.2 73.4 110.2



#6

Chloroethane

Concen: 16.669 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006928.D

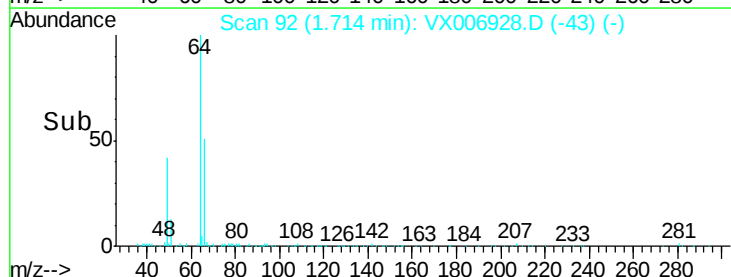
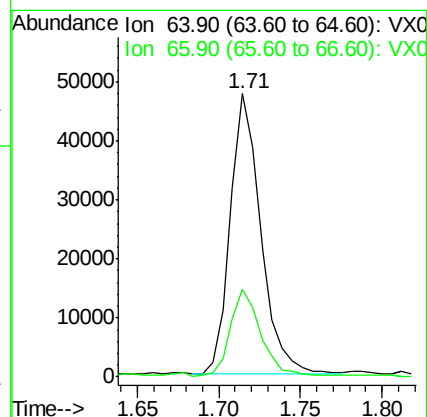
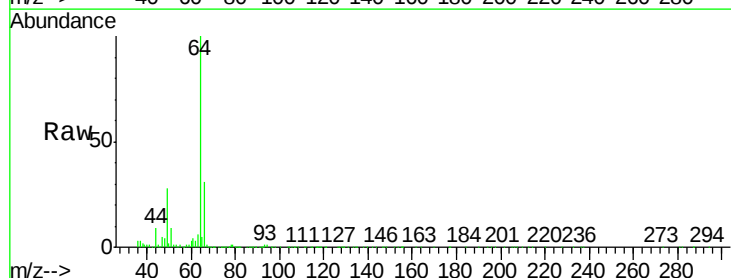
Acq: 07 Jan 2019 11:55

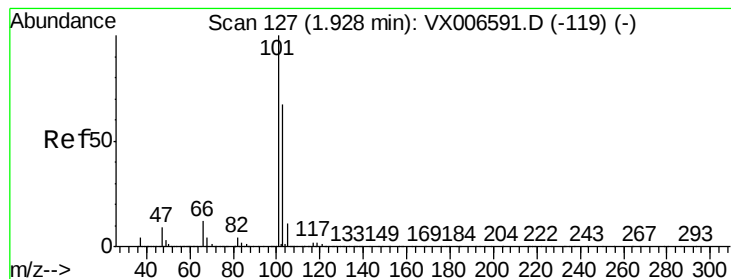
Tgt Ion: 64 Resp: 61766

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6



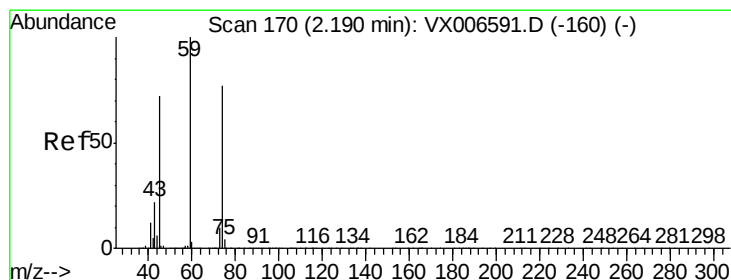
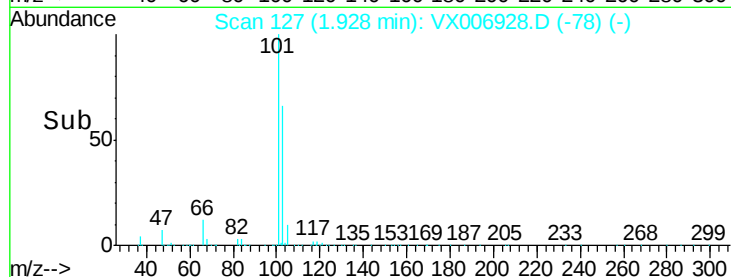
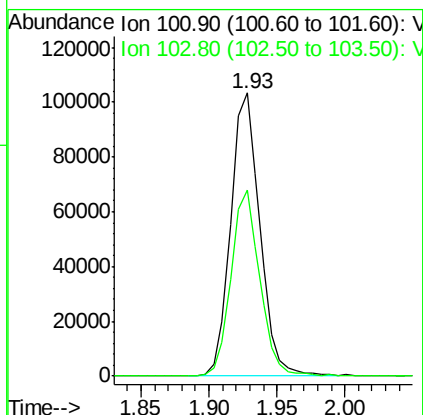
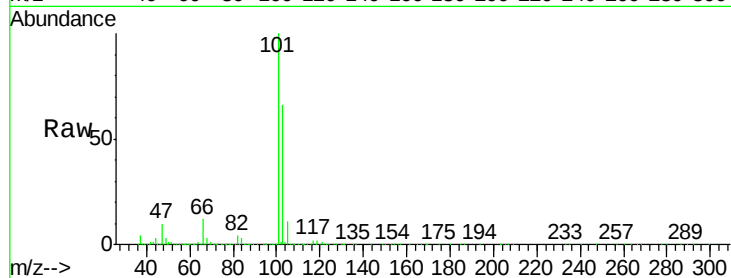


#7

Trichlorofluoromethane
Concen: 18.500 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

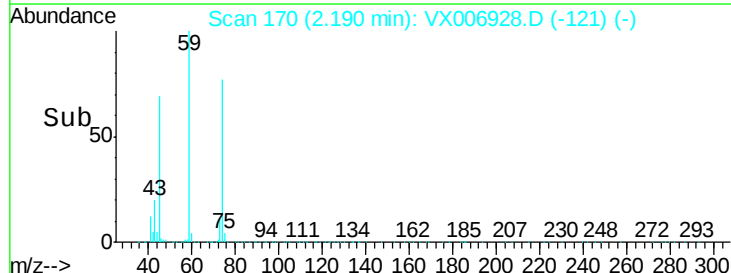
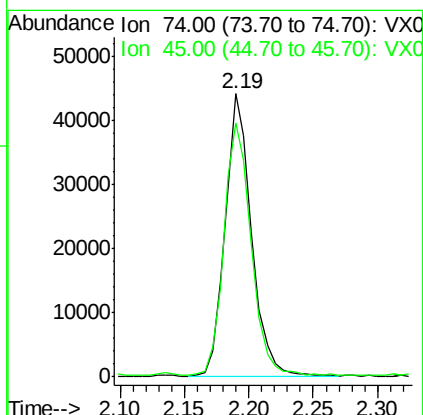
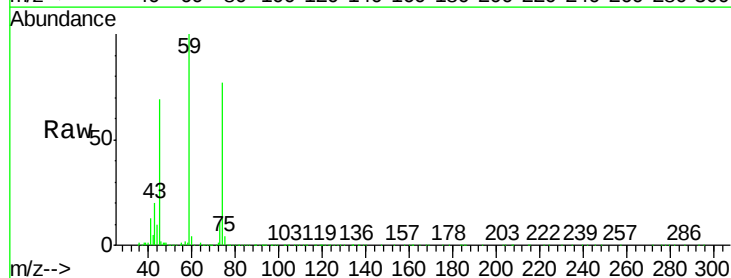
Tot Ion:101 Resp: 154353
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8



#8

Diethyl Ether
Concen: 19.002 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 74 Resp: 62973
Ion Ratio Lower Upper
74 100
45 92.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.076 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

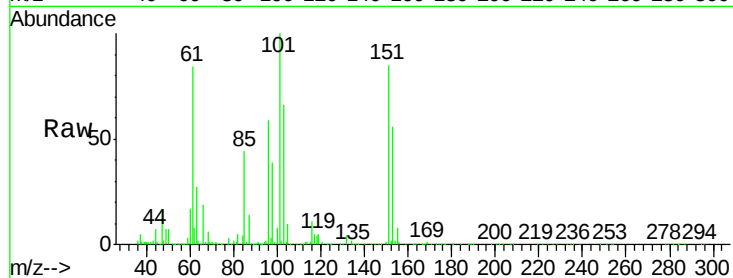
Tot Ion:101 Resp: 93451

Ion Ratio Lower Upper

101 100

85 45.0 35.1 52.7

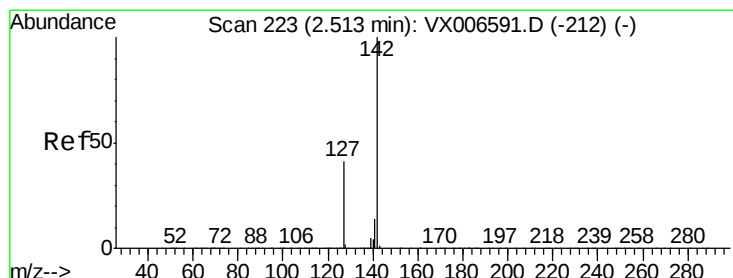
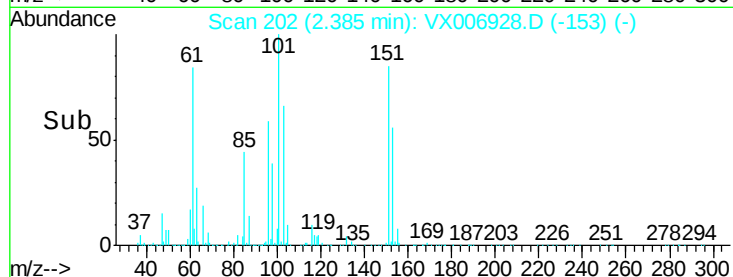
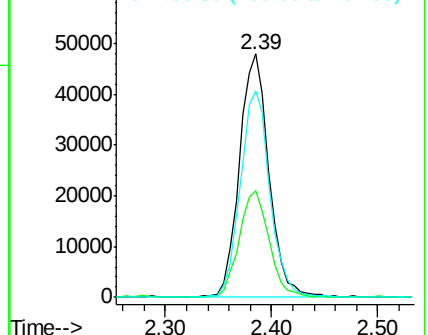
151 85.3 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.968 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

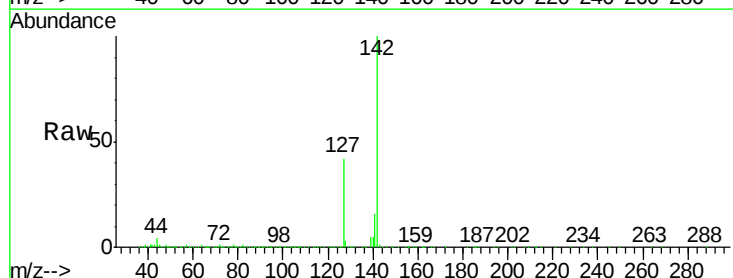
Tgt Ion:142 Resp: 126002

Ion Ratio Lower Upper

142 100

127 42.9 33.9 50.9

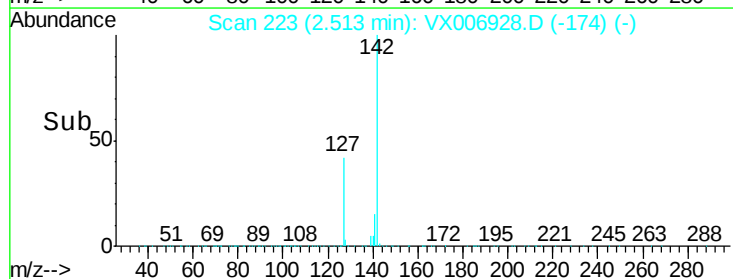
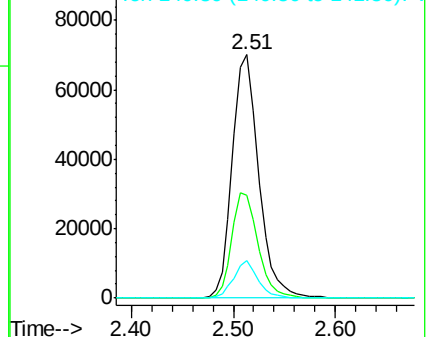
141 14.5 11.4 17.0

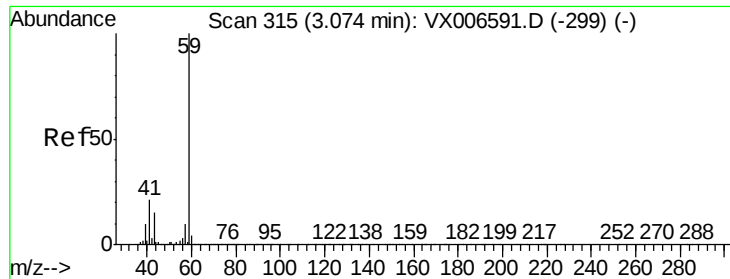


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



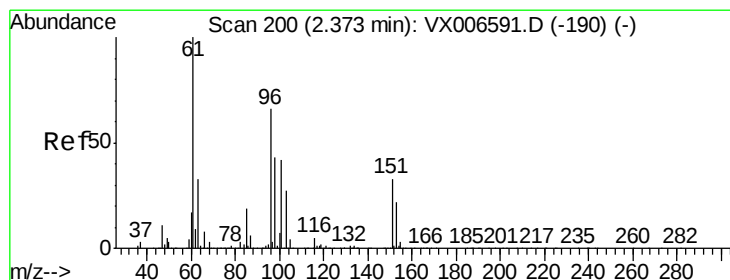
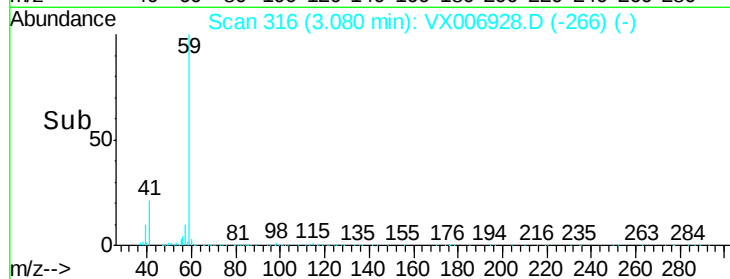
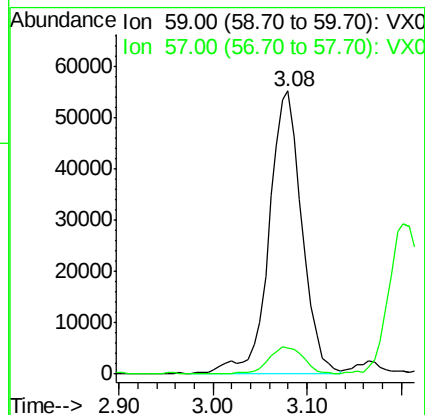
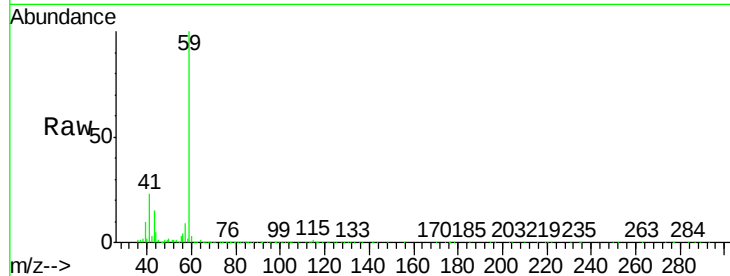


#11

Tert butyl alcohol
Concen: 107.288 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

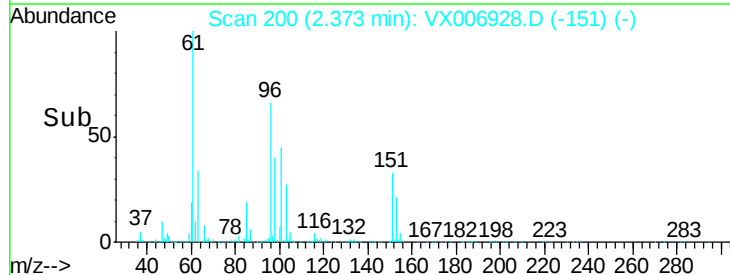
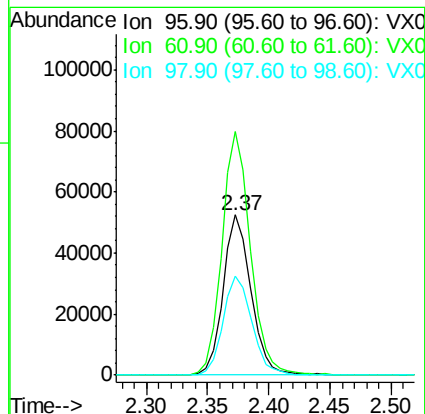
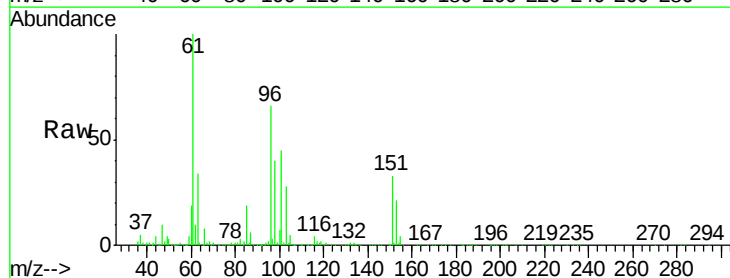
Tot Ion: 59 Resp: 134163
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

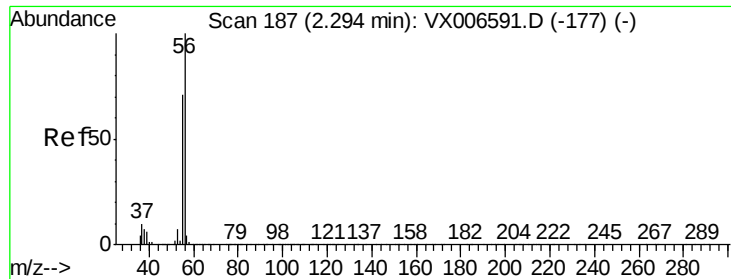


#12

1,1-Dichloroethene
Concen: 17.837 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 96 Resp: 82854
Ion Ratio Lower Upper
96 100
61 151.9 121.4 182.2
98 61.4 51.9 77.9





#13

Acrolein

Concen: 85.116 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

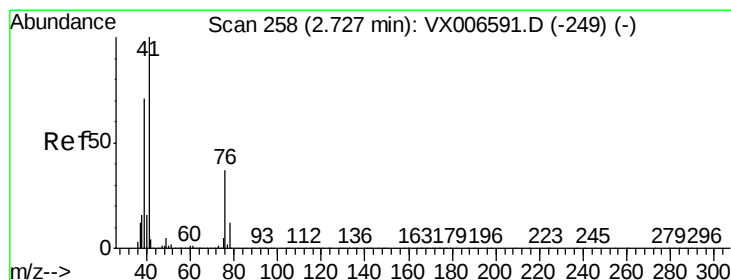
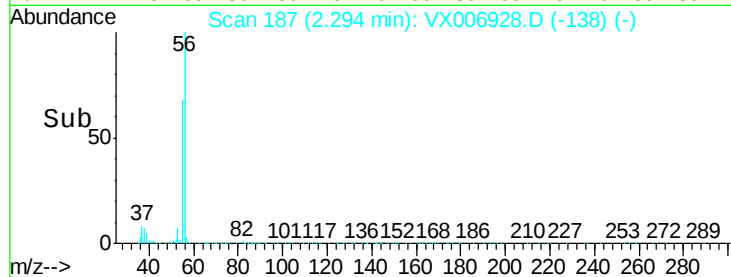
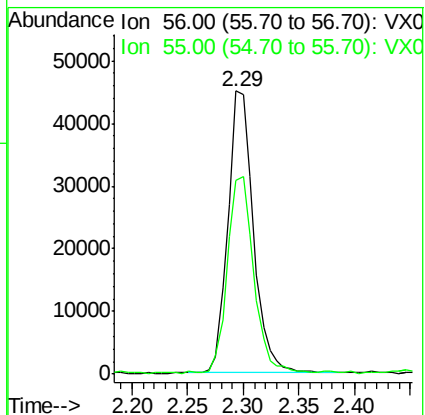
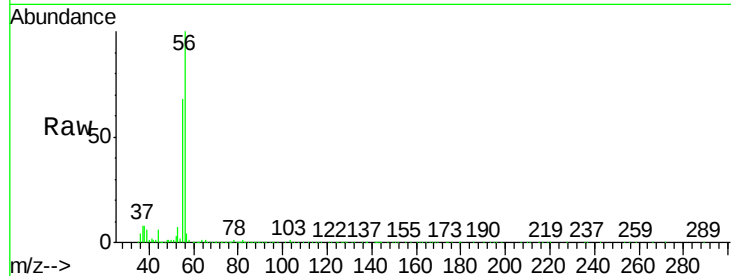
ClientSampleId :

Tot Ion: 56 Resp: 71803

Ion Ratio Lower Upper

56 100

55 71.9 58.2 87.4



#14

Allyl chloride

Concen: 19.186 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

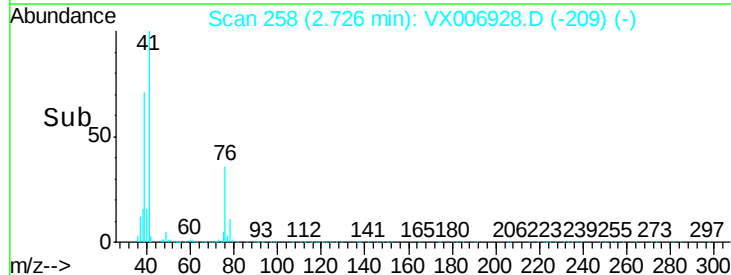
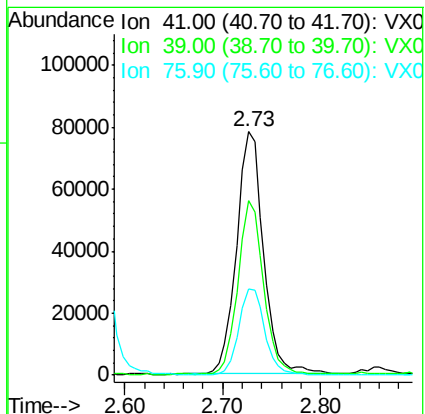
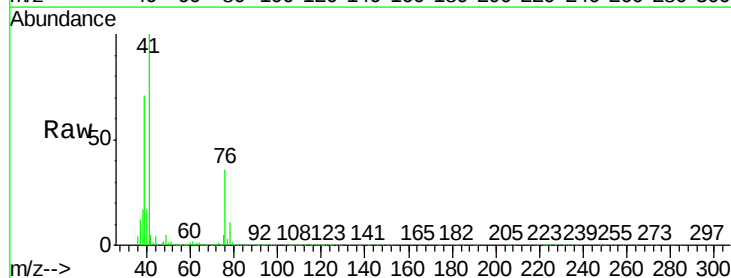
Tgt Ion: 41 Resp: 150016

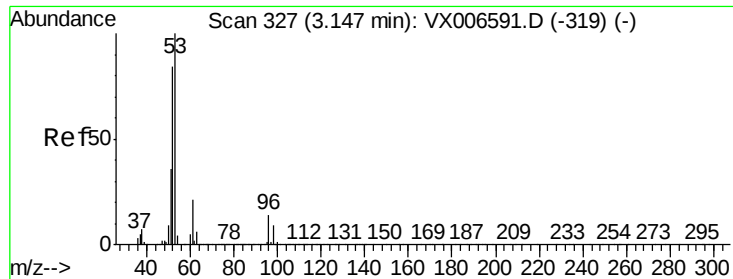
Ion Ratio Lower Upper

41 100

39 67.5 53.6 80.4

76 34.6 27.4 41.2





#15

Acrylonitrile

Concen: 105.017 ug/l

RT: 3.15 min Scan# 328

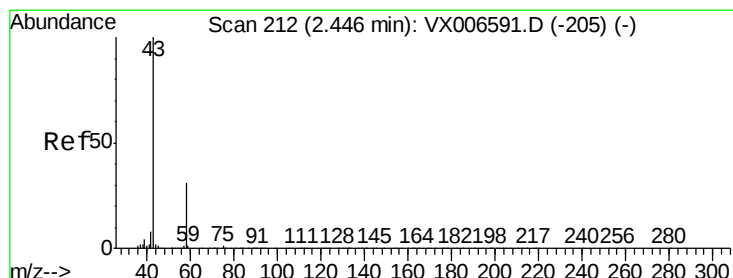
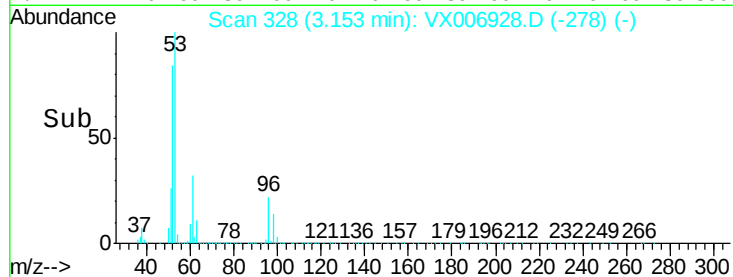
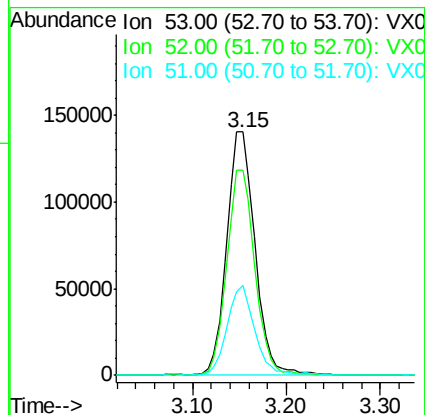
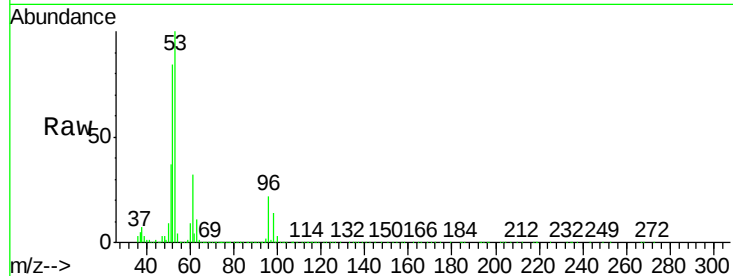
Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	291579
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.0	99.0
51	36.0	28.6	42.8



#16

Acetone

Concen: 103.784 ug/l

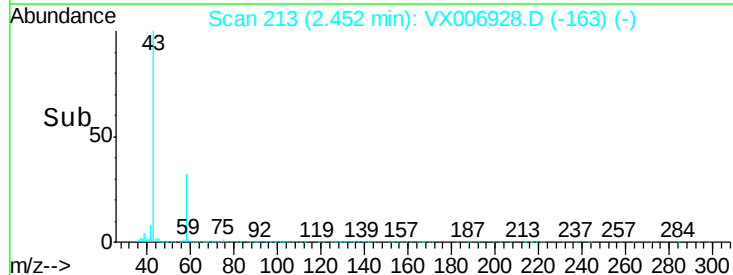
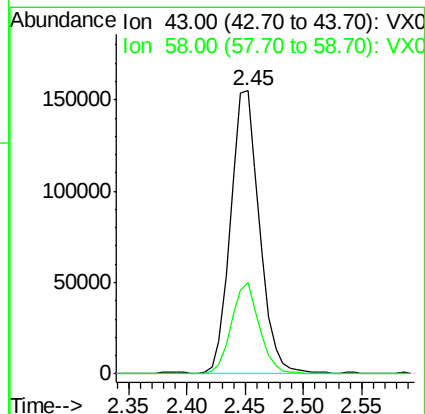
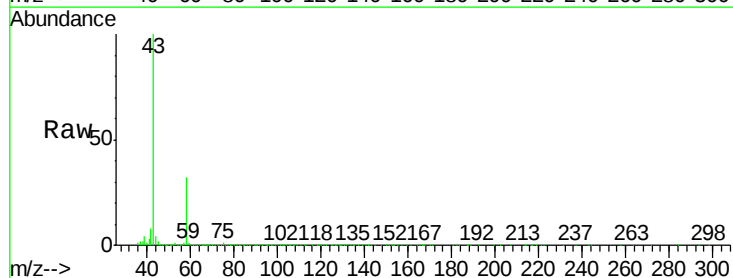
RT: 2.45 min Scan# 213

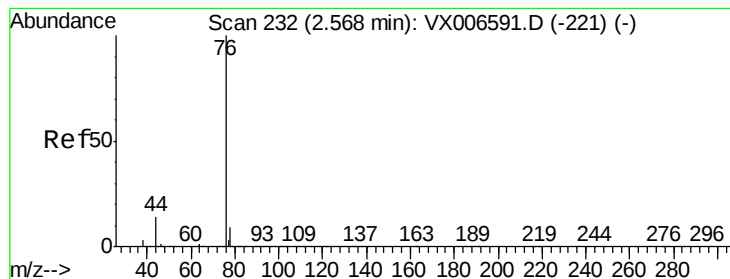
Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Tgt Ion:	43	Resp:	267172
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.0	37.6





#17

Carbon Disulfide

Concen: 13.798 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

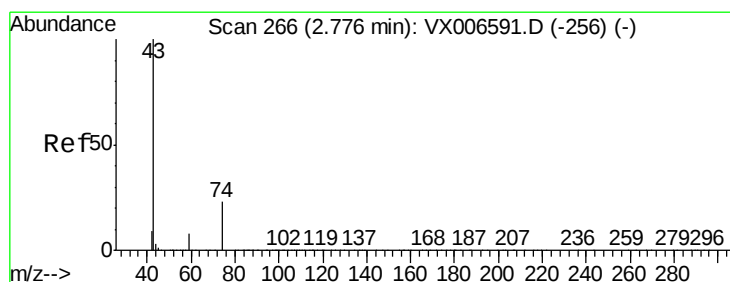
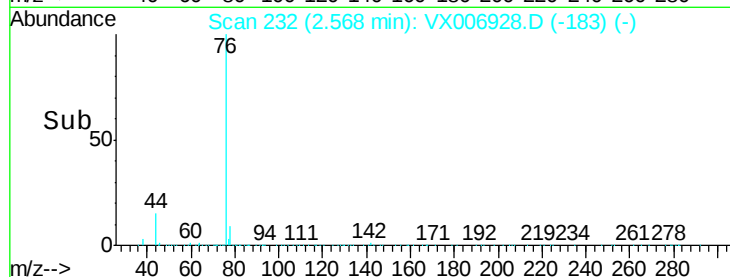
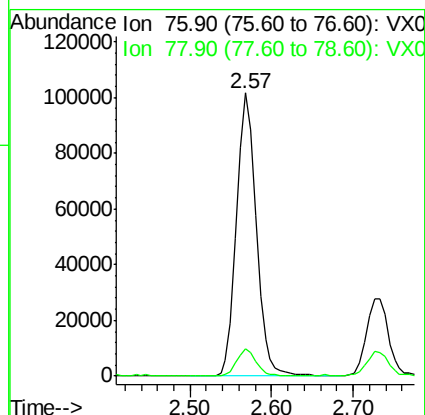
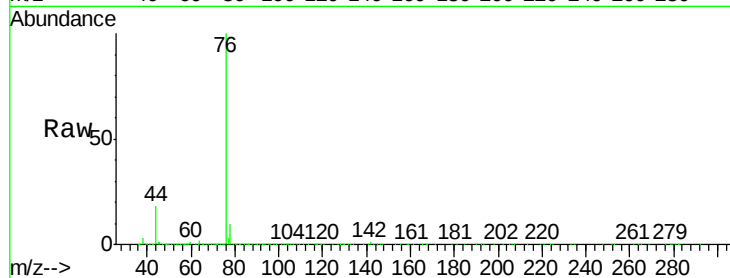
ClientSampled :

Tot Ion: 76 Resp: 169613

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.6



#18

Methyl Acetate

Concen: 23.503 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006928.D

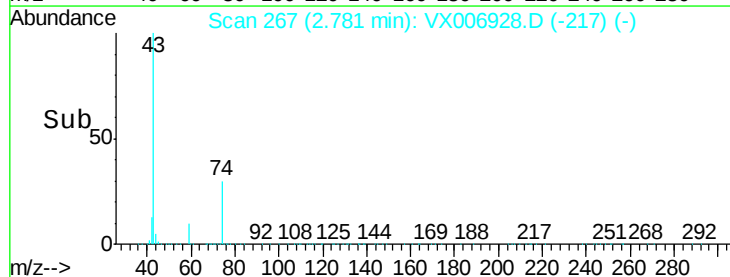
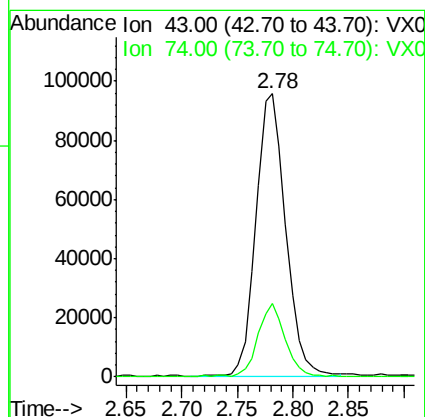
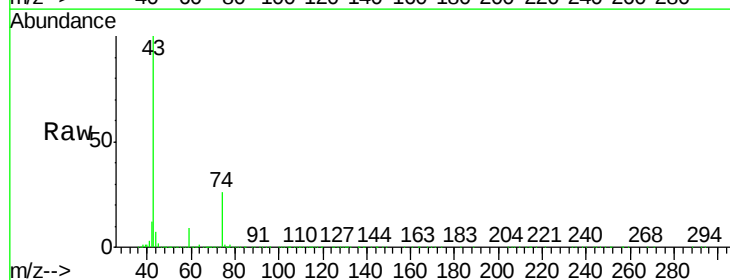
Acq: 07 Jan 2019 11:55

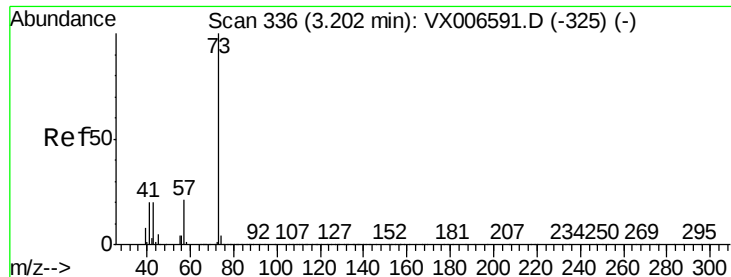
Tgt Ion: 43 Resp: 177908

Ion Ratio Lower Upper

43 100

74 24.3 18.6 28.0



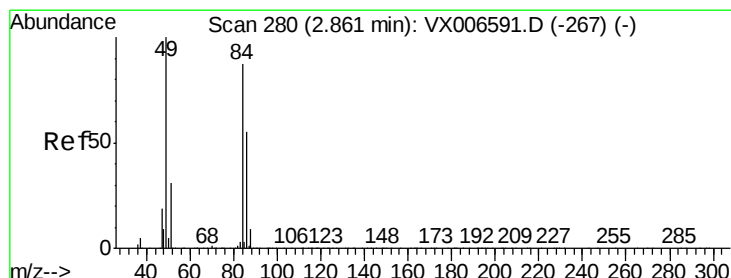
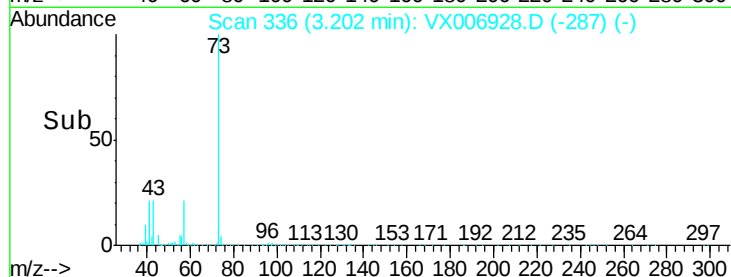
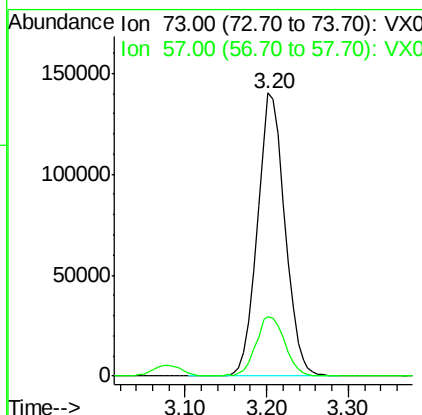
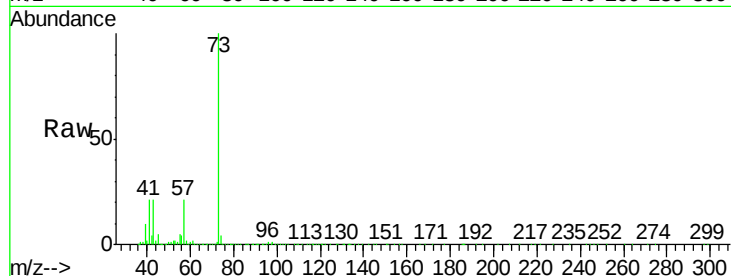


#19

Methyl tert-butyl Ether
 Concen: 21.497 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

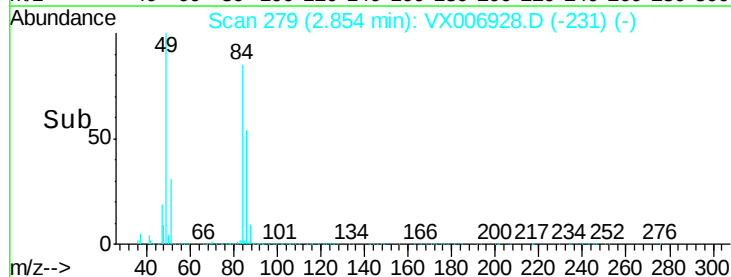
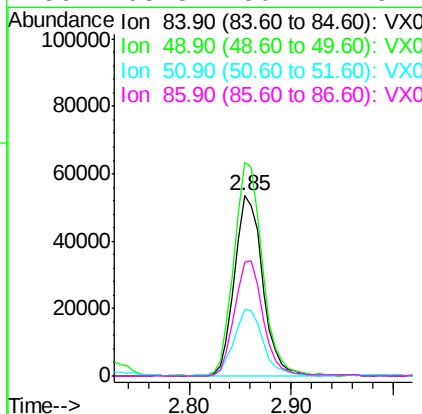
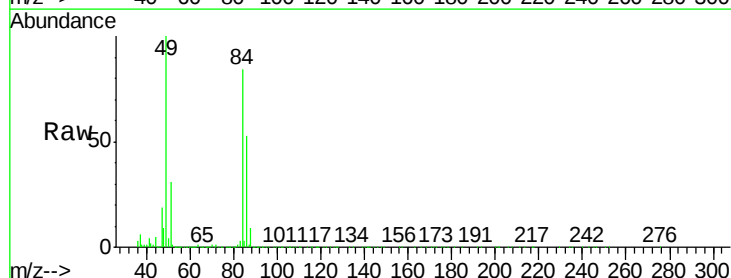
Tot Ion: 73 Resp: 331433
 Ion Ratio Lower Upper
 73 100
 57 20.7 16.8 25.2



#20

Methylene Chloride
 Concen: 19.217 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Tgt Ion: 84 Resp: 102297
 Ion Ratio Lower Upper
 84 100
 49 118.2 91.8 137.6
 51 37.0 28.5 42.7
 86 63.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.650 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

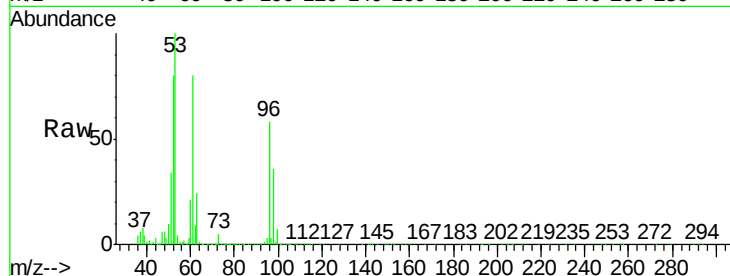
Tot Ion: 96 Resp: 90841

Ion Ratio Lower Upper

96 100

61 136.4 103.7 155.5

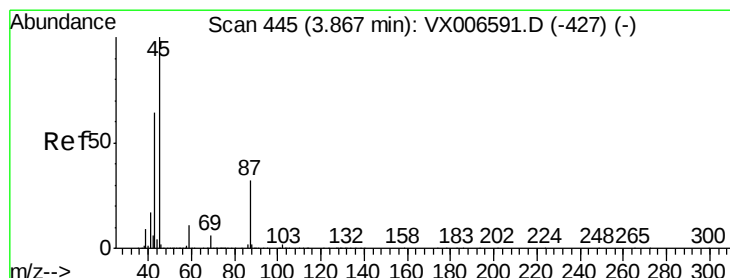
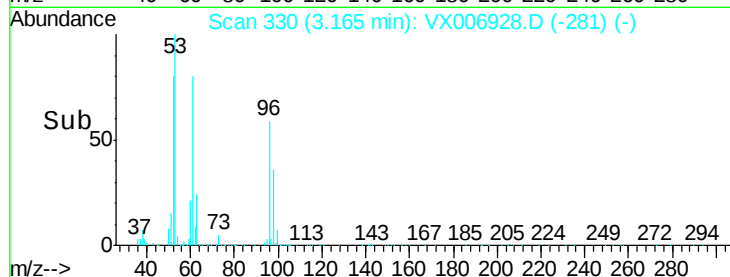
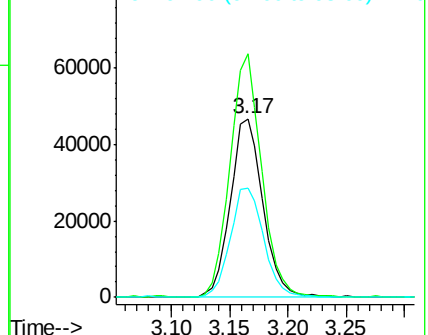
98 61.2 51.0 76.6



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



#22

Diisopropyl ether

Concen: 21.313 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Tgt Ion: 45 Resp: 304870

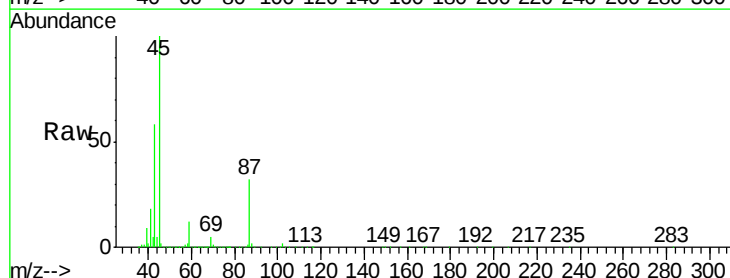
Ion Ratio Lower Upper

45 100

43 57.5 51.2 76.8

87 31.5 25.8 38.6

59 11.8 9.0 13.4

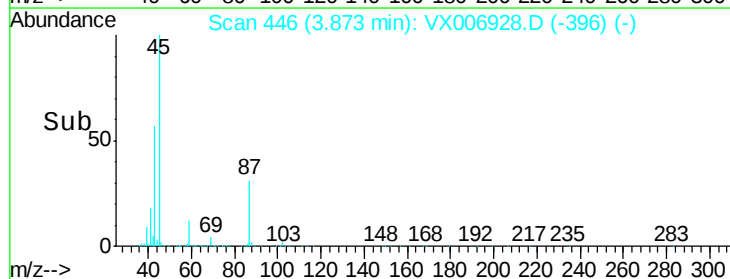
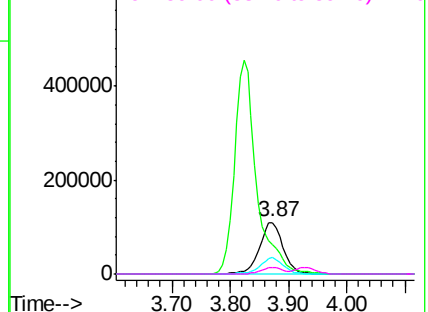


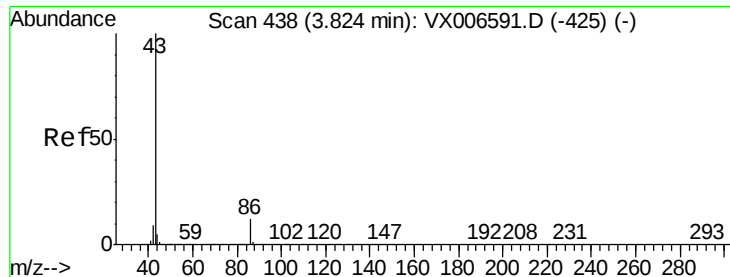
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 102.502 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

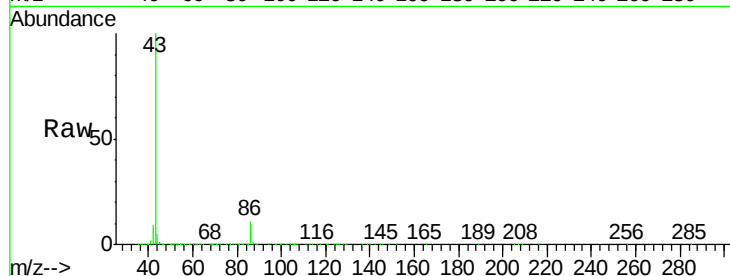
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1199316

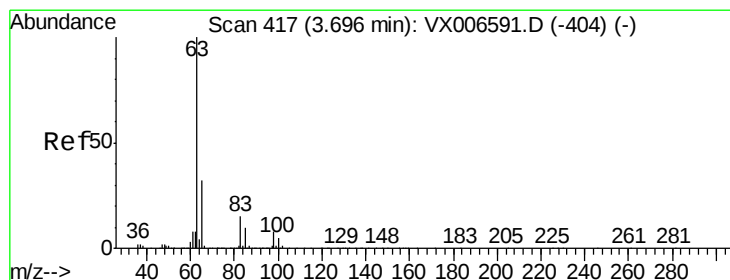
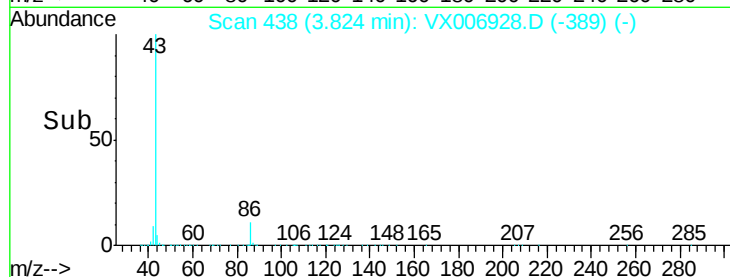
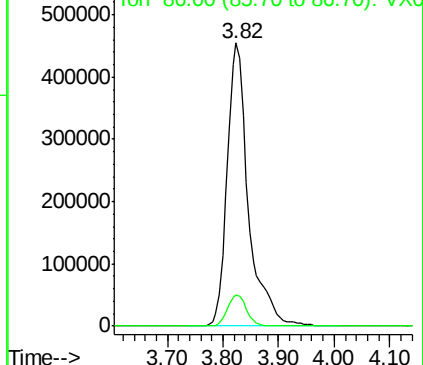
Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.882 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

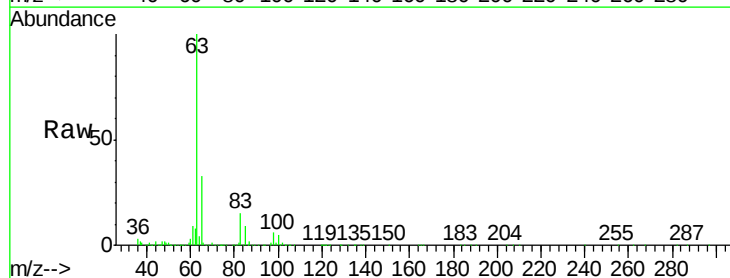
Tgt Ion: 63 Resp: 169769

Ion Ratio Lower Upper

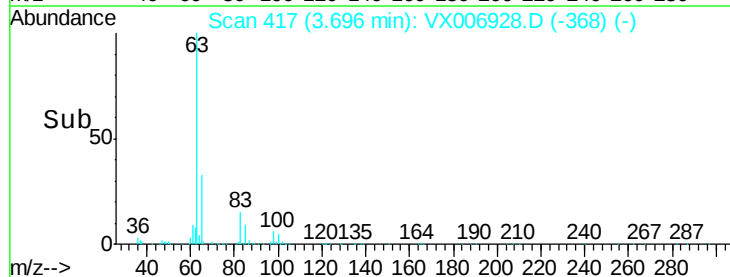
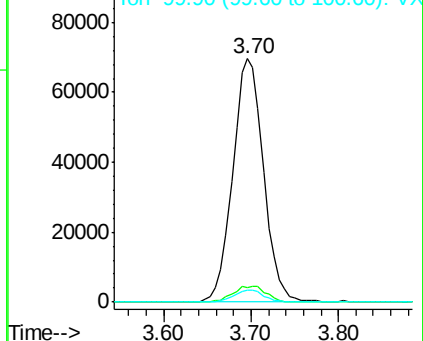
63 100

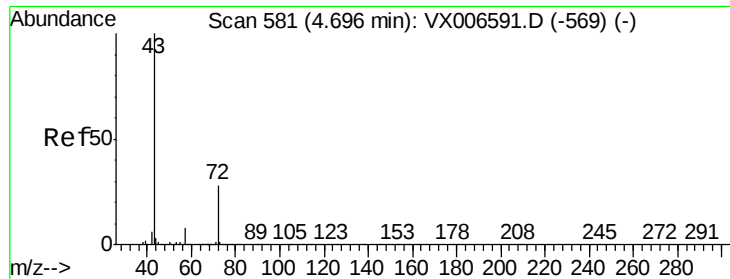
98 5.8 3.9 11.5

100 4.8 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.550 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

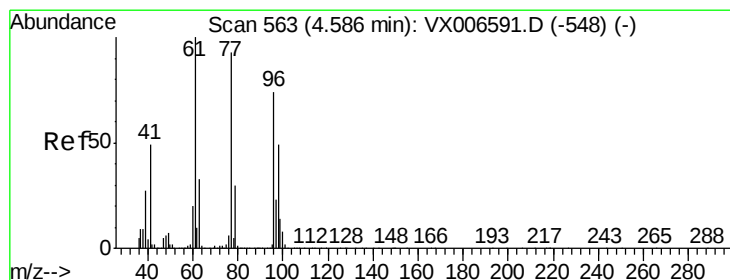
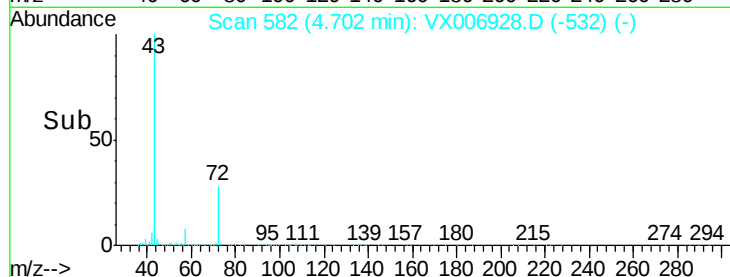
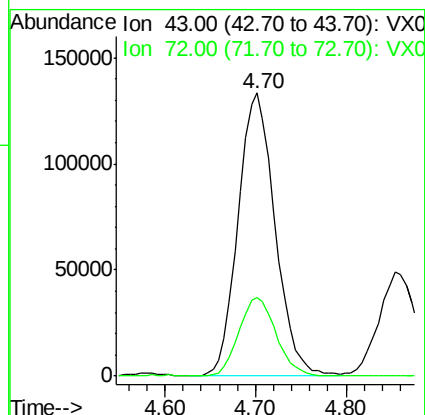
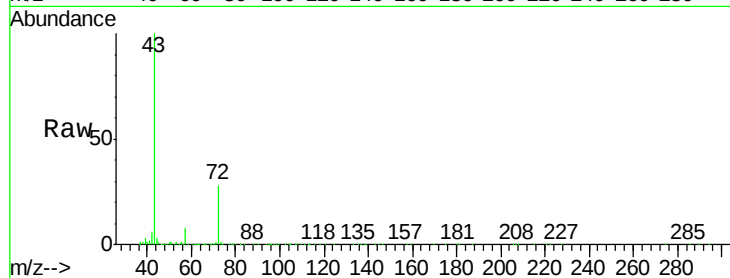
ClientSampled :

Tot Ion: 43 Resp: 374964

Ion Ratio Lower Upper

43 100

72 27.9 22.4 33.6



#26

2,2-Dichloropropane

Concen: 19.334 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006928.D

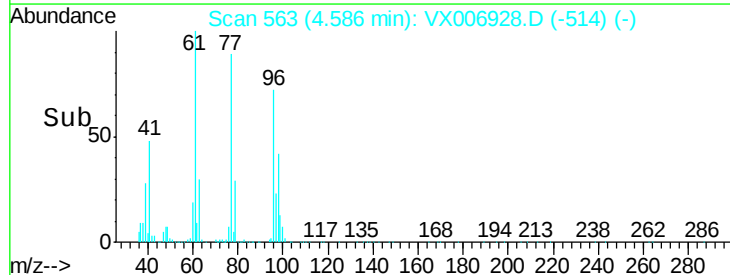
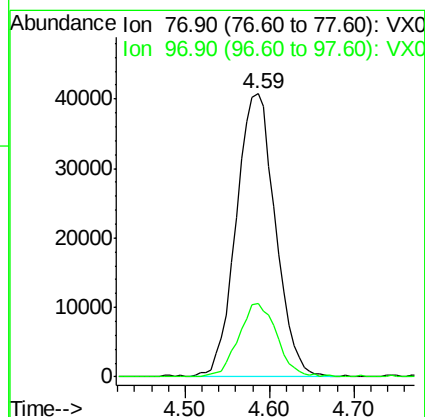
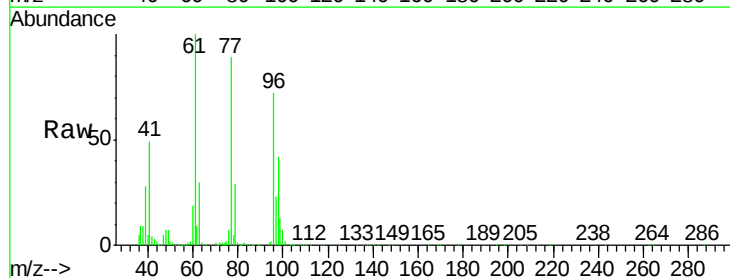
Acq: 07 Jan 2019 11:55

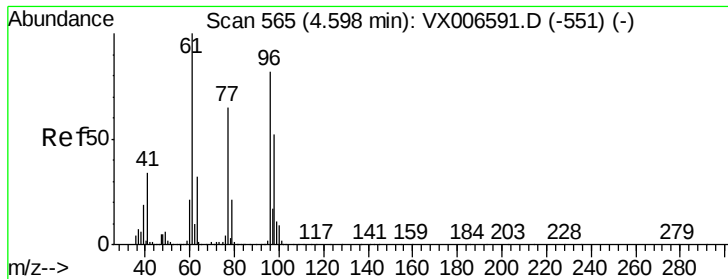
Tgt Ion: 77 Resp: 127526

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4



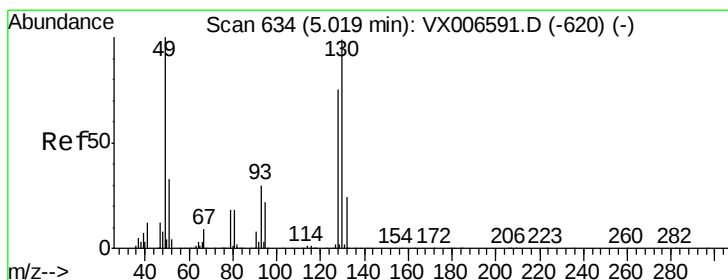
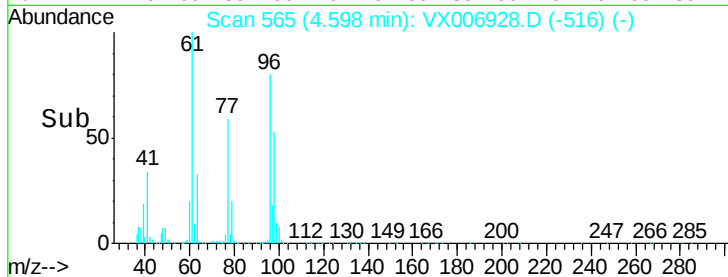
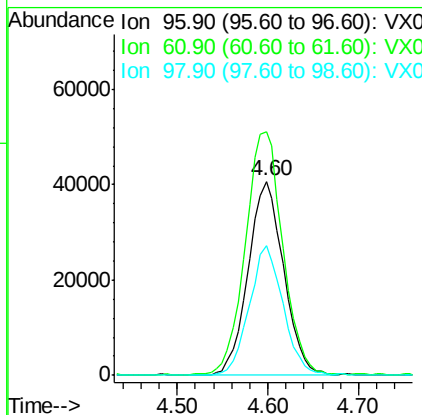
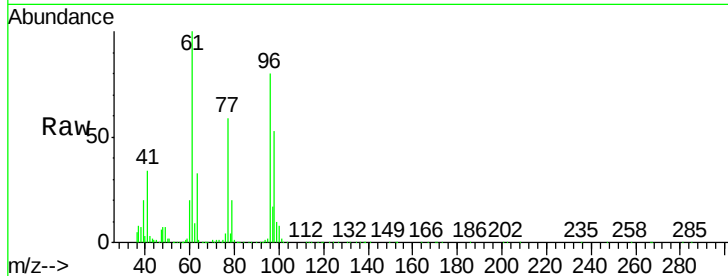


#27

cis-1,2-Dichloroethene
Concen: 19.463 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

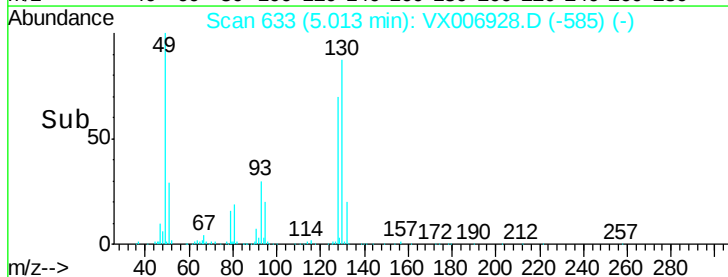
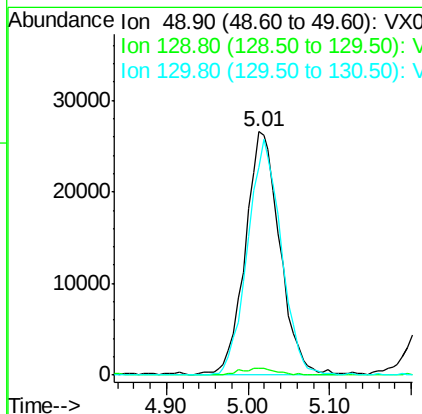
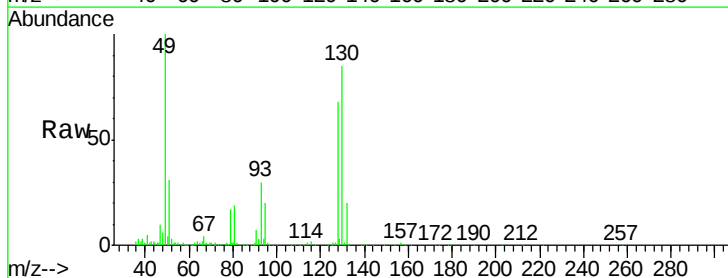
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	258.6
98	63.7	0.0	132.0

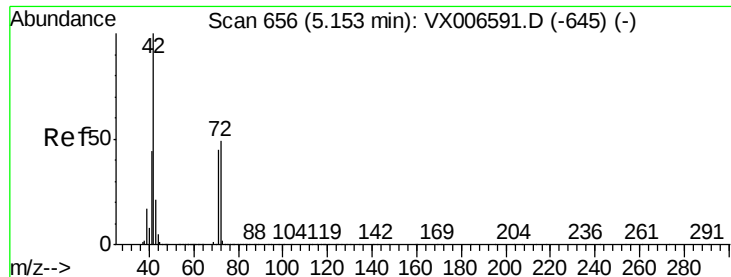


#28

Bromochloromethane
Concen: 20.706 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	5.4
130	94.1	77.7	116.5





#29

Tetrahydrofuran

Concen: 102.583 ug/l

RT: 5.15 min Scan# 656

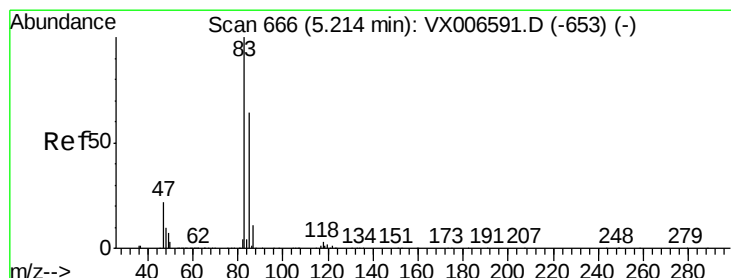
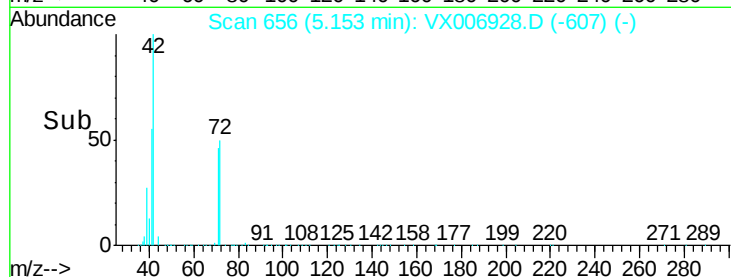
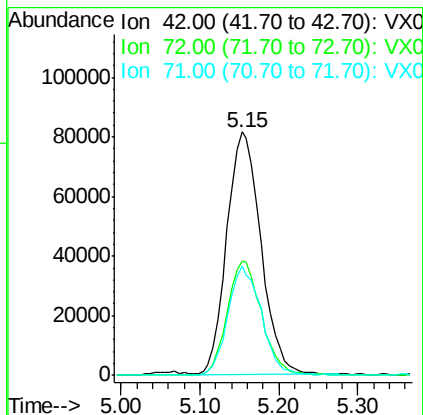
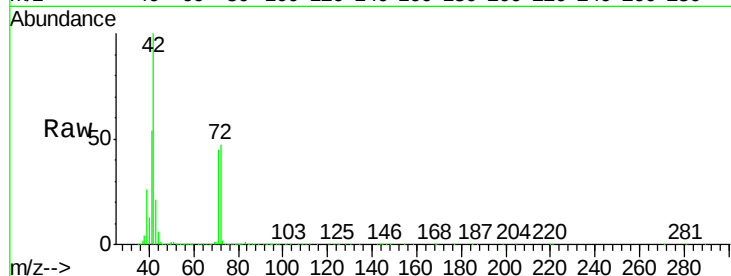
Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	42	Resp:	244656
Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.9	58.3
71	44.2	36.2	54.4



#30

Chloroform

Concen: 20.064 ug/l

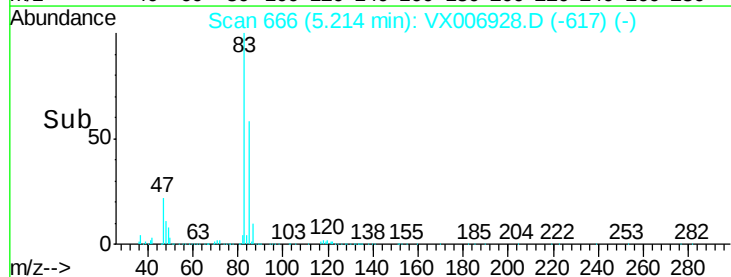
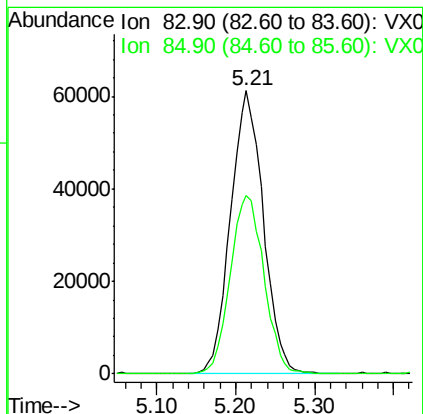
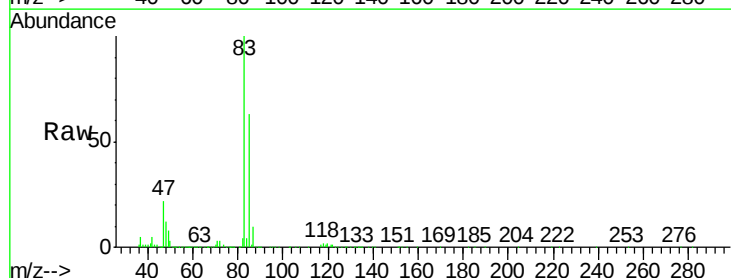
RT: 5.21 min Scan# 666

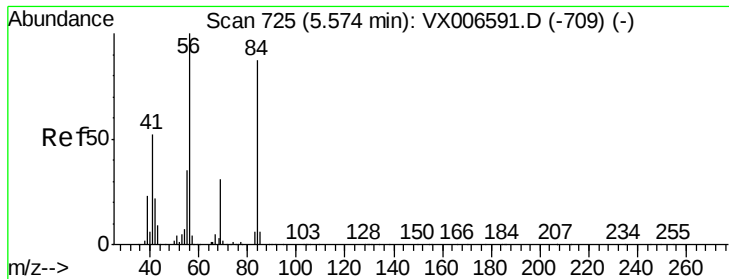
Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Tgt Ion:	83	Resp:	177416
Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.2	76.8





#31

Cyclohexane

Concen: 17.057 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

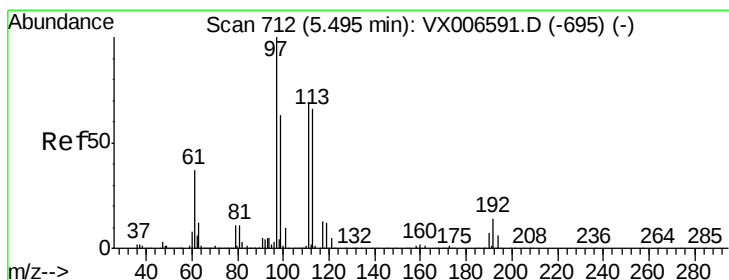
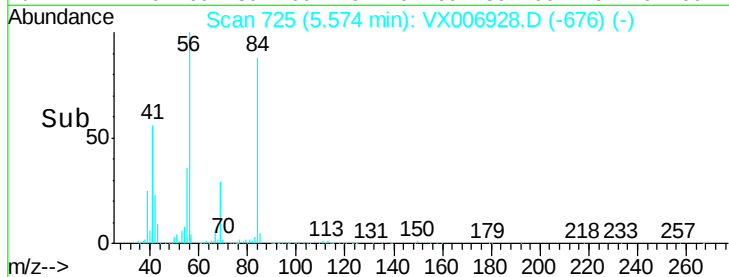
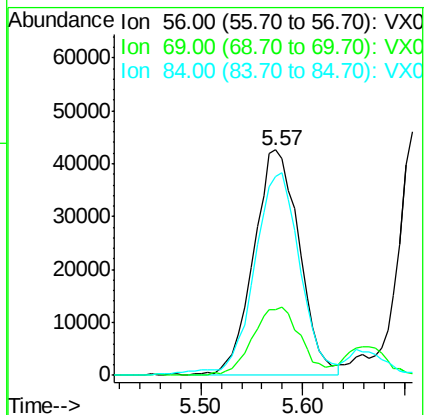
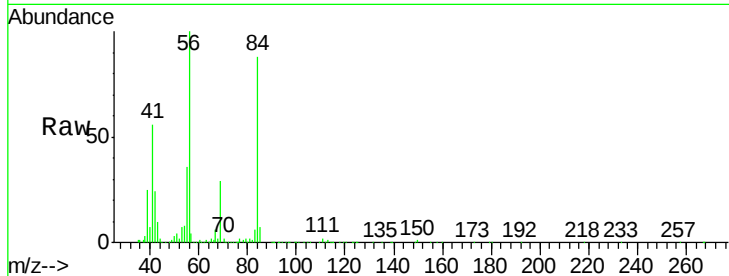
Tot Ion: 56 Resp: 132321

Ion Ratio Lower Upper

56 100

69 29.1 24.4 36.6

84 86.5 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 19.733 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

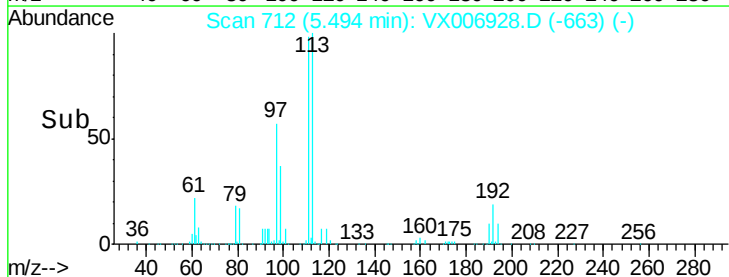
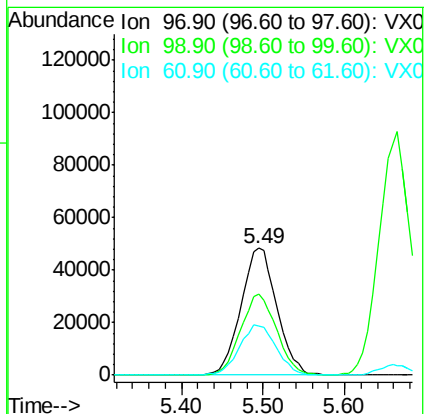
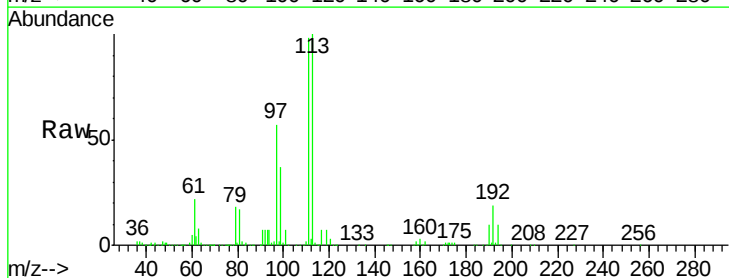
Tgt Ion: 97 Resp: 147333

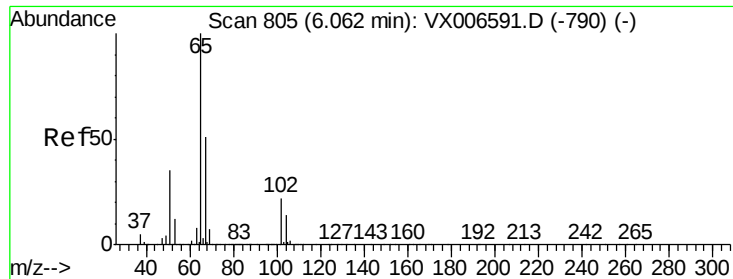
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 40.0 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 49.636 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

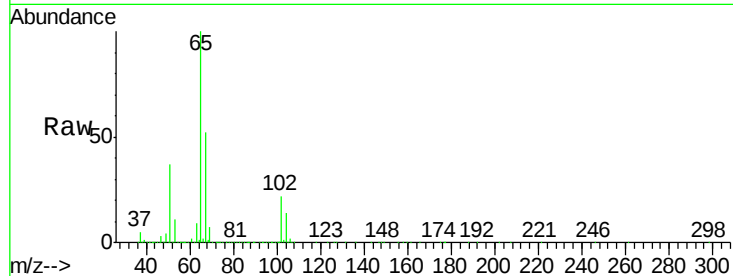
ClientSampleId :

Tot Ion: 65 Resp: 278123

Ion Ratio Lower Upper

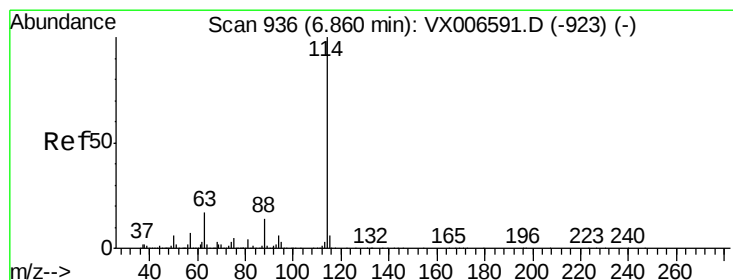
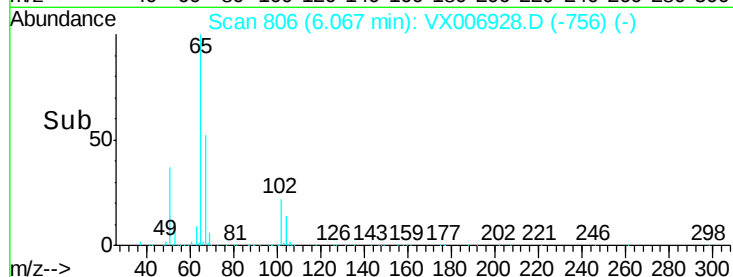
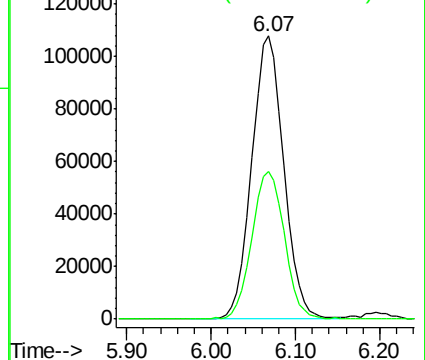
65 100

67 52.5 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

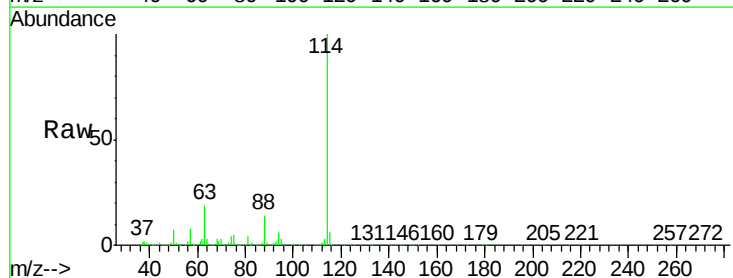
Tgt Ion: 114 Resp: 768147

Ion Ratio Lower Upper

114 100

63 18.8 0.0 34.8

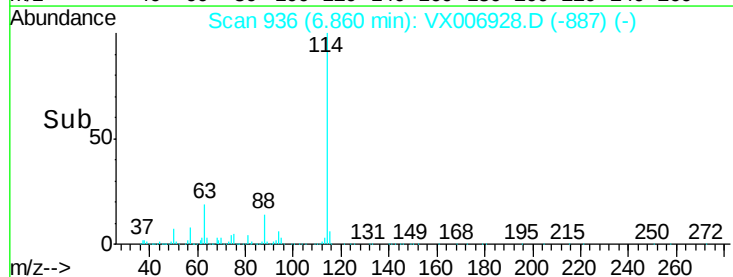
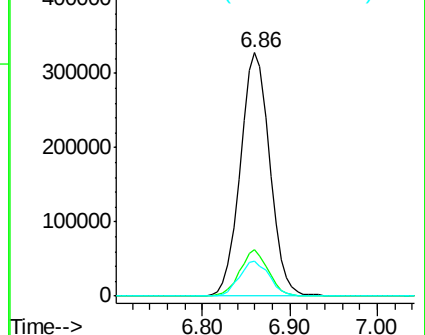
88 14.5 0.0 28.8

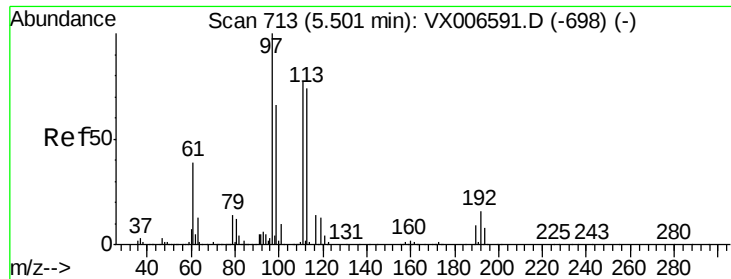


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.953 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

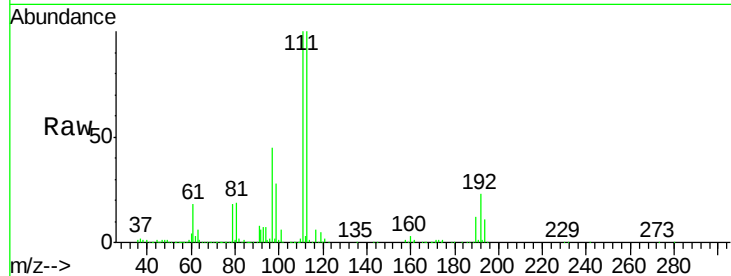
Tot Ion:113 Resp: 257223

Ion Ratio Lower Upper

113 100

111 100.7 81.6 122.4

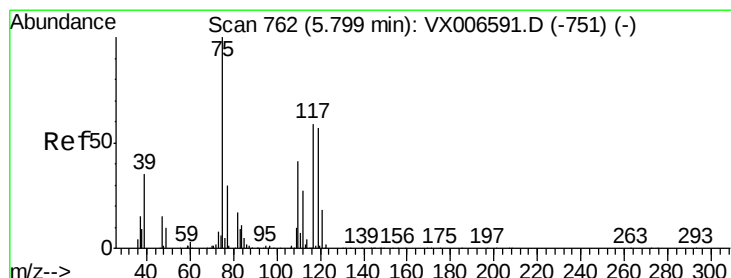
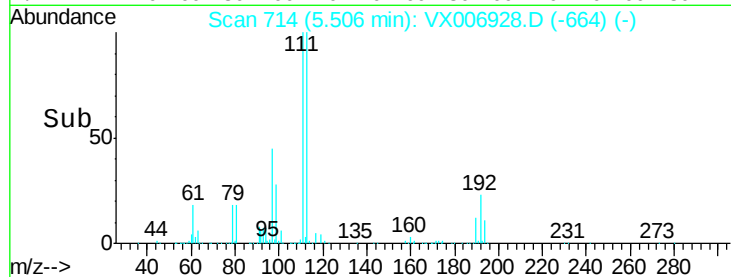
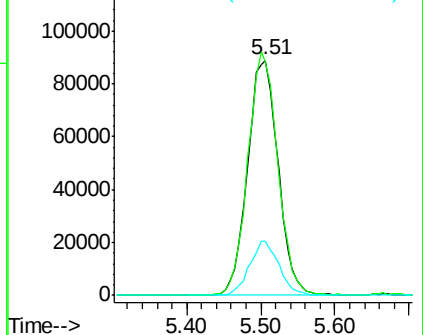
192 22.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.907 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

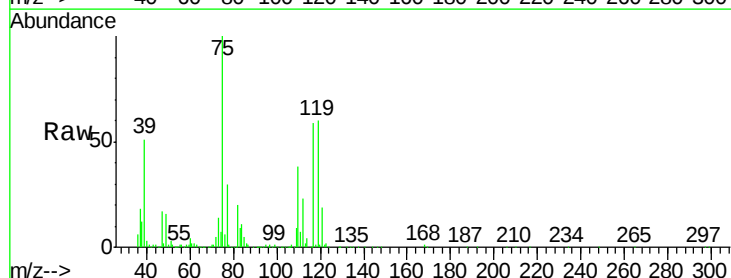
Tgt Ion: 75 Resp: 120287

Ion Ratio Lower Upper

75 100

110 38.8 20.2 60.5

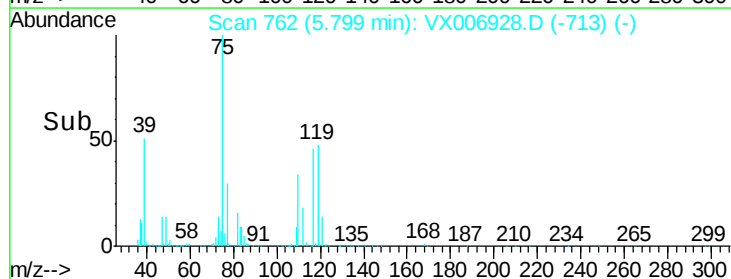
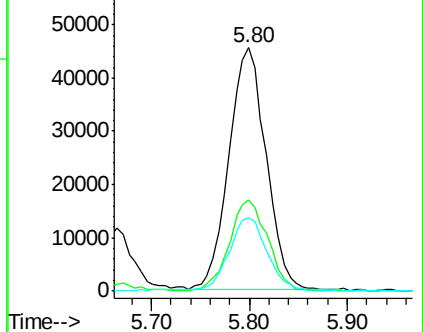
77 31.2 24.8 37.2

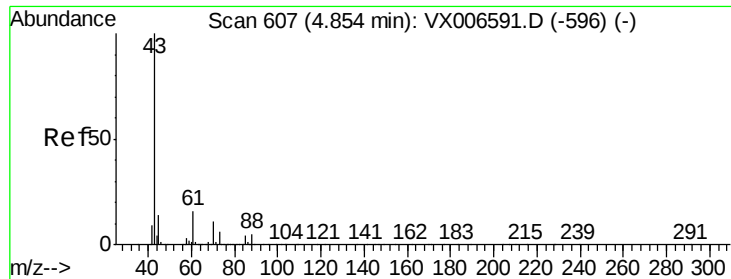


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

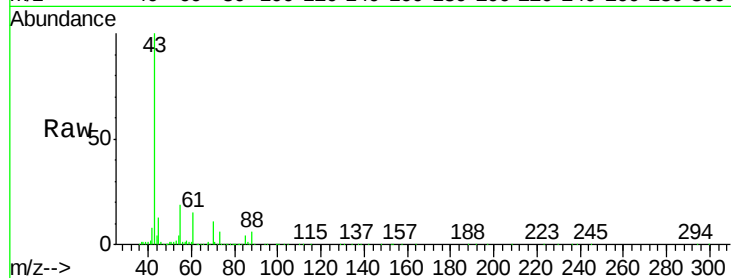




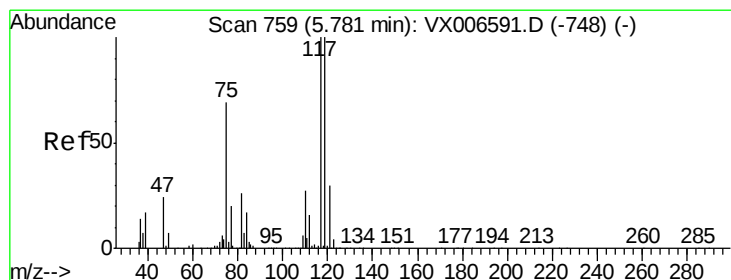
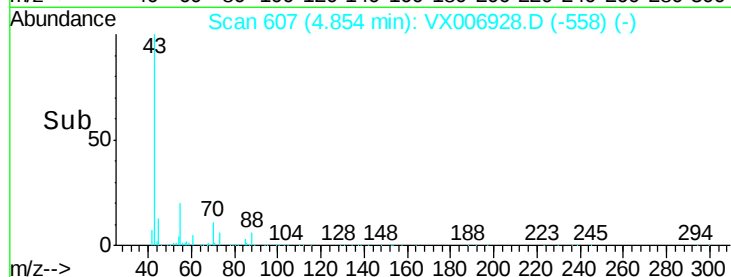
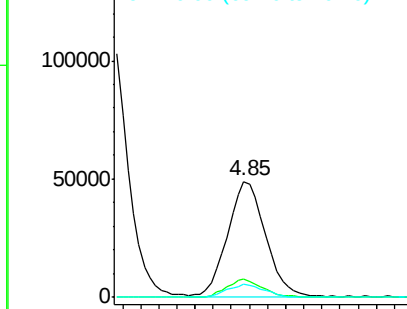
#37
Ethyl Acetate
Concen: 21.323 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 141194
Ion Ratio Lower Upper
43 100
61 14.4 11.9 17.9
70 11.3 9.7 14.5

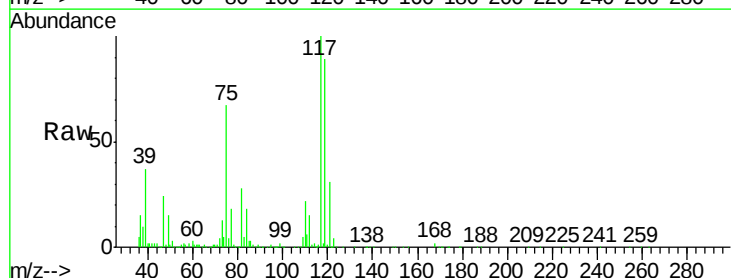


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

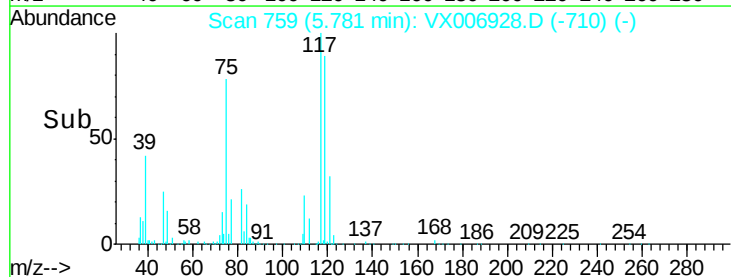
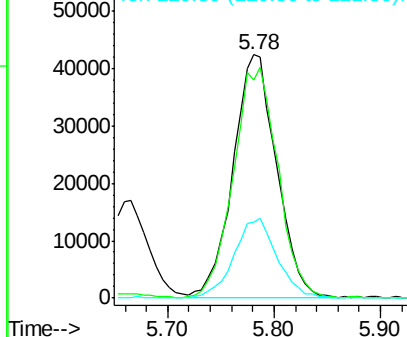


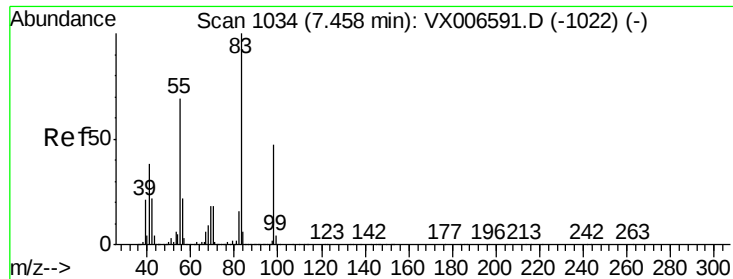
#38
Carbon Tetrachloride
Concen: 19.589 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 117 Resp: 121115
Ion Ratio Lower Upper
117 100
119 89.5 79.4 119.2
121 31.1 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

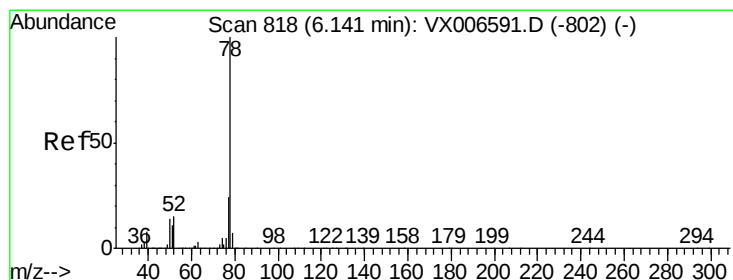
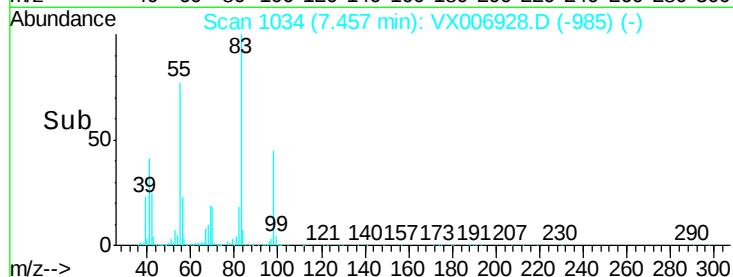
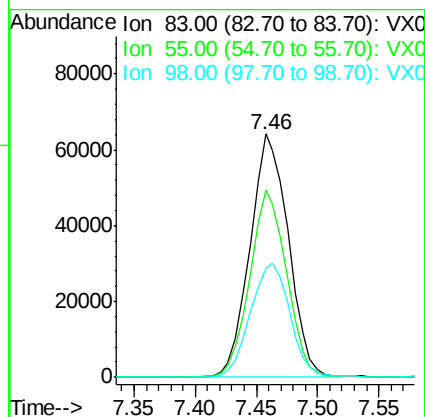
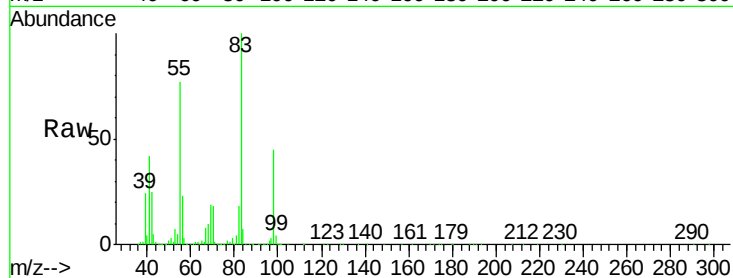




#39
Methvlcvclohexane
Concen: 16.719 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

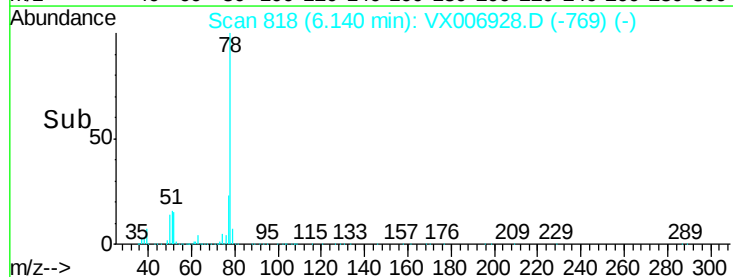
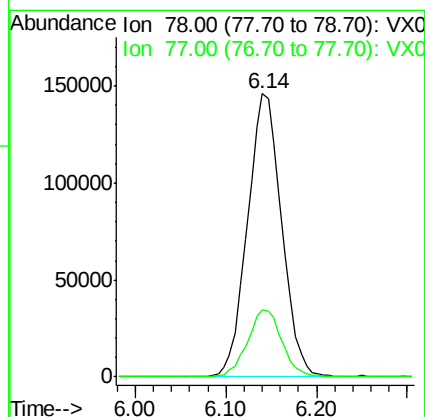
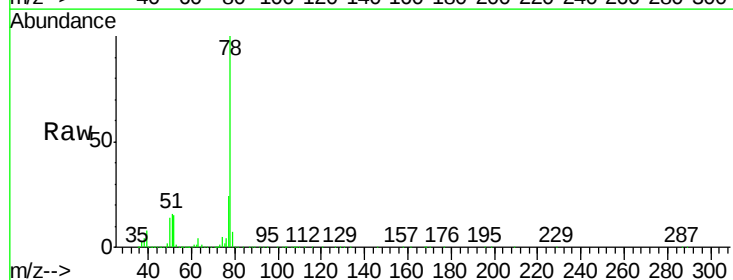
Instrument :
MSVOA_X
ClientSampleId :

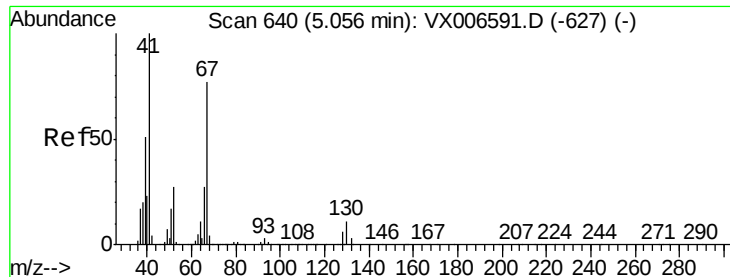
Tot Ion: 83 Resp: 140031
Ion Ratio Lower Upper
83 100
55 76.8 54.9 82.3
98 44.6 37.9 56.9



#40
Benzene
Concen: 19.706 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 78 Resp: 381091
Ion Ratio Lower Upper
78 100
77 23.6 19.2 28.8





#41

Methacrylonitrile

Concen: 22.768 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 80042

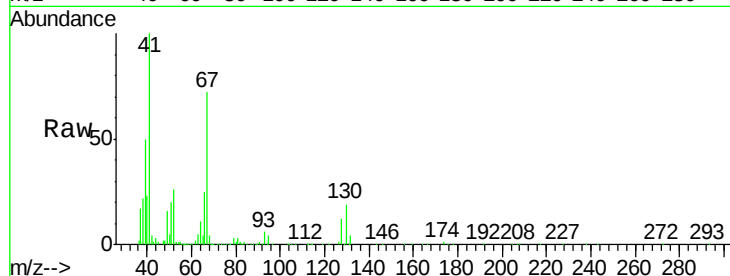
Ion Ratio Lower Upper

41 100

39 55.7 42.8 64.2

67 75.5 62.1 93.1

52 29.0 23.4 35.0

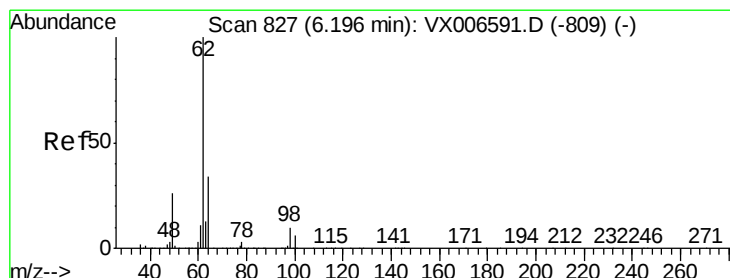
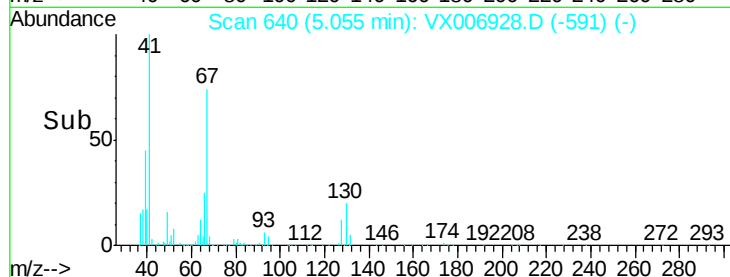
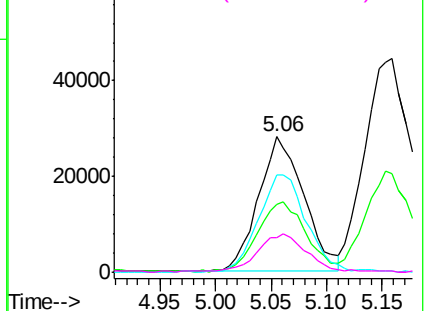


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.131 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006928.D

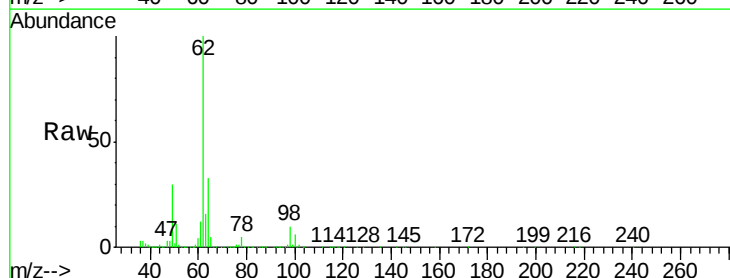
Acq: 07 Jan 2019 11:55

Tgt Ion: 62 Resp: 132656

Ion Ratio Lower Upper

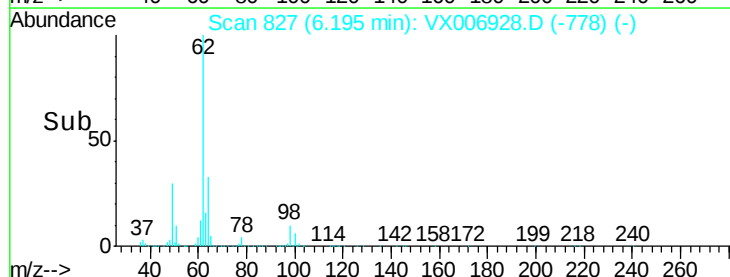
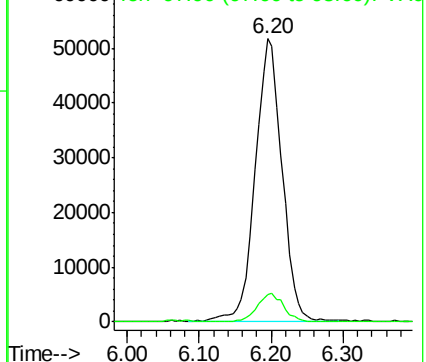
62 100

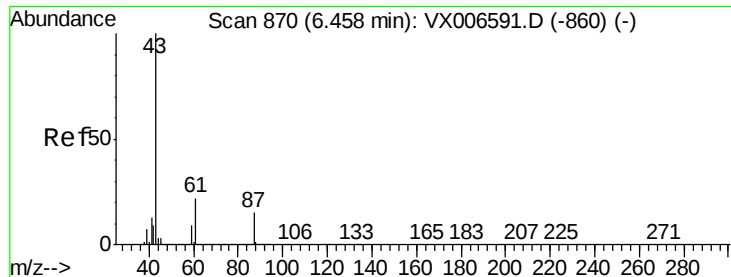
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



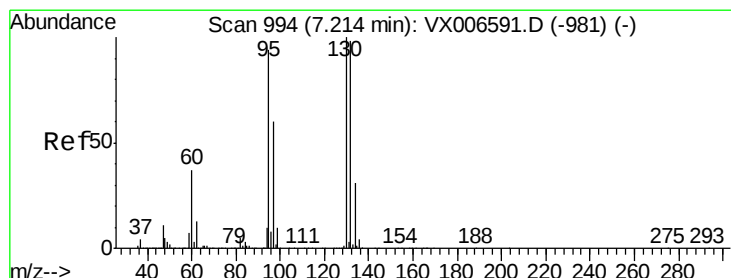
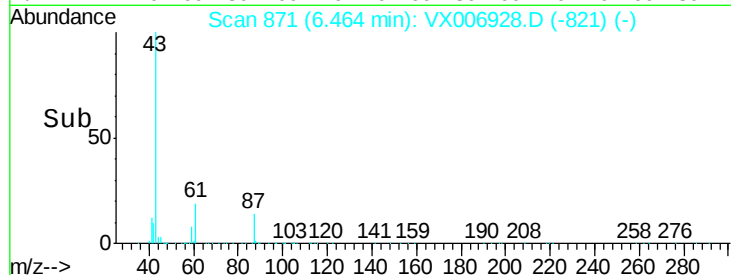
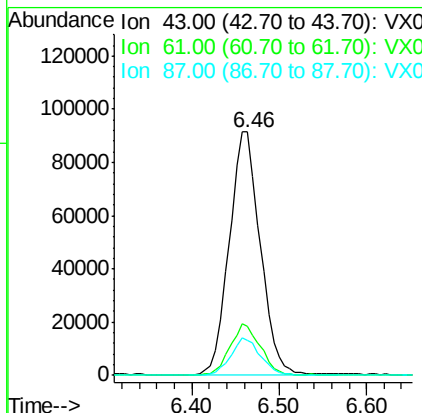
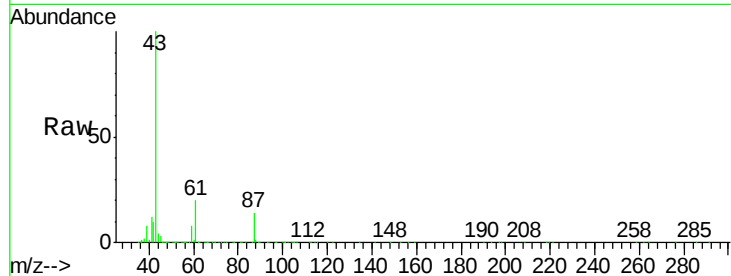


#43

Isopropyl Acetate
 Concen: 22.245 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.01 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

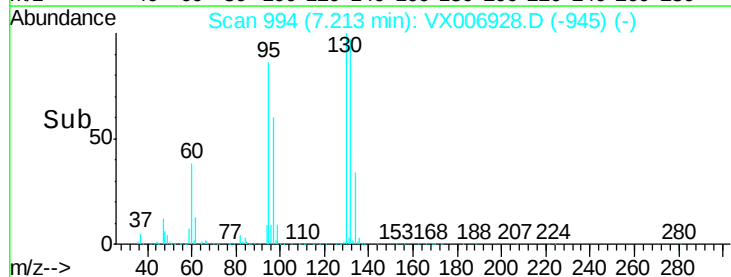
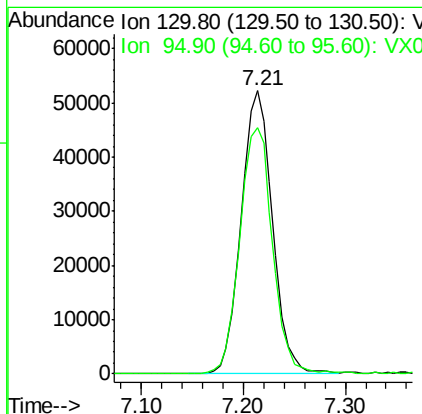
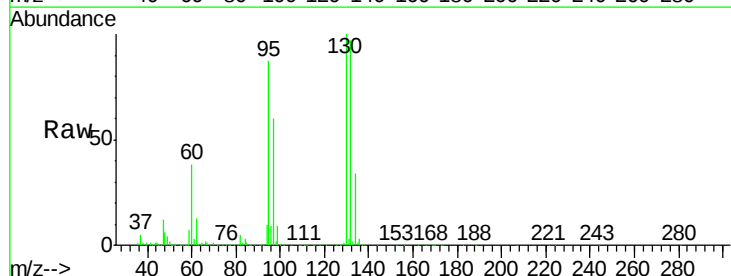
Tot Ion	43	Resp	224122
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.8	25.2
87	14.9	12.4	18.6



#44

Trichloroethene
 Concen: 19.050 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Tgt Ion	130	Resp	111503
Ion Ratio	Lower	Upper	
130	100		
95	86.9	0.0	187.0





#45

1,2-Dichloropropane

Concen: 21.002 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

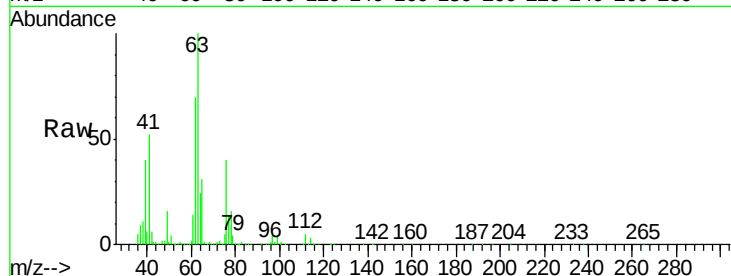
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 63 Resp: 98836

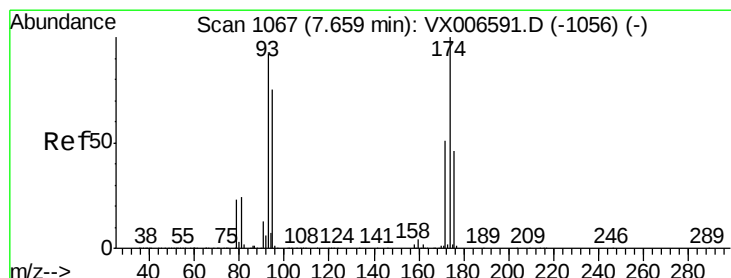
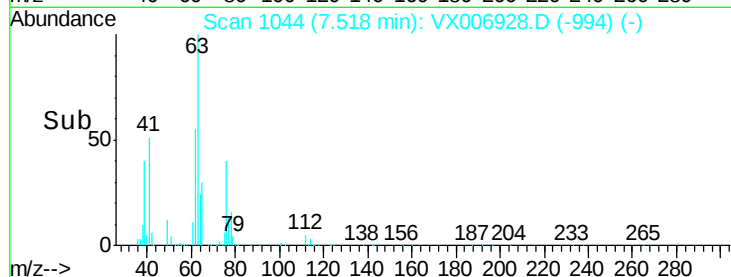
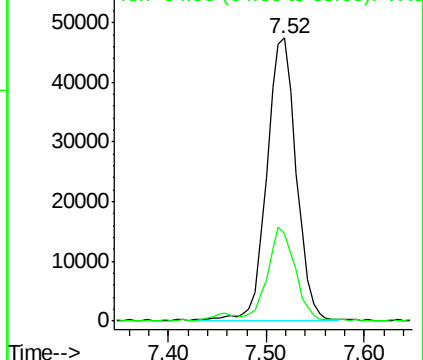
Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.157 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

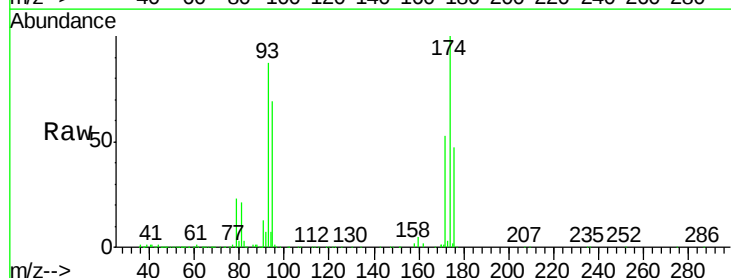
Tgt Ion: 93 Resp: 69773

Ion Ratio Lower Upper

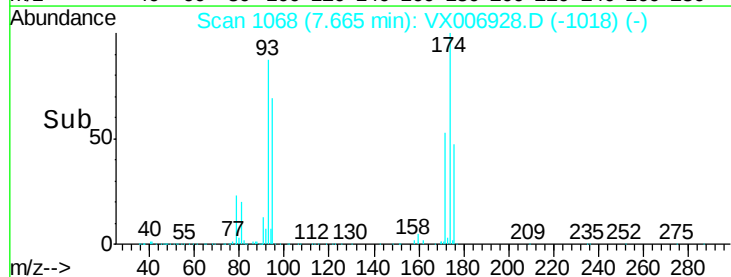
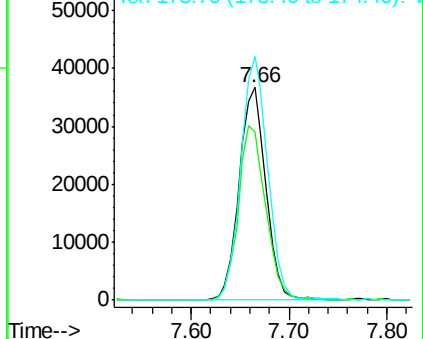
93 100

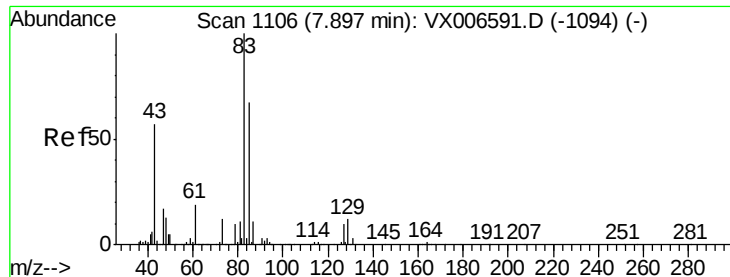
95 82.6 66.2 99.4

174 114.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.805 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

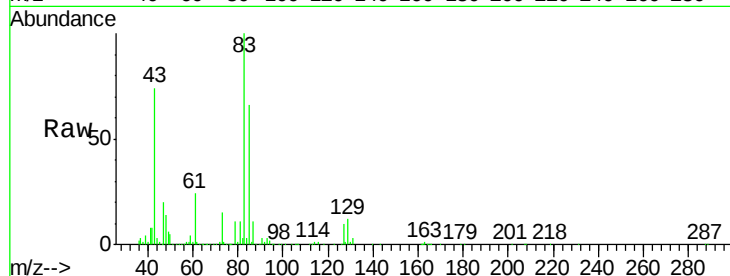
Tot Ion: 83 Resp: 119565

Ion Ratio Lower Upper

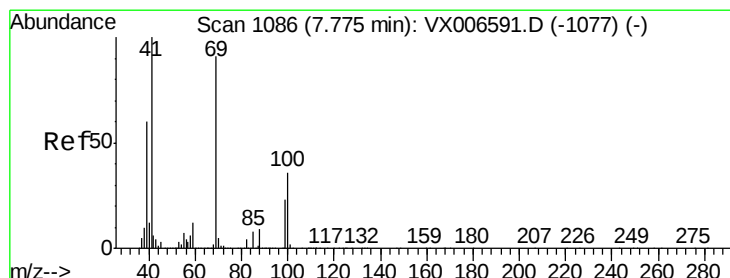
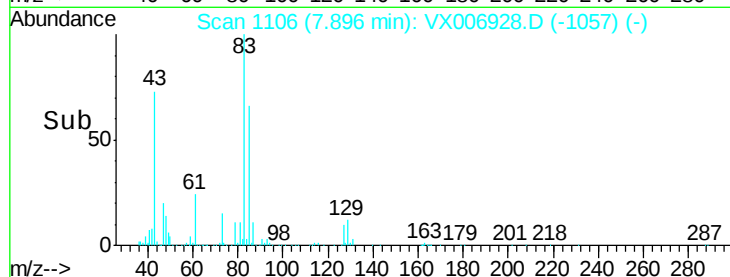
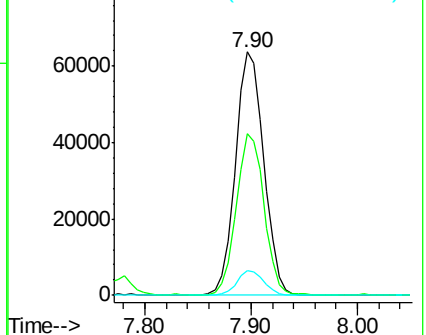
83 100

85 66.2 53.2 79.8

127 9.9 7.8 11.6



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: 21.591 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

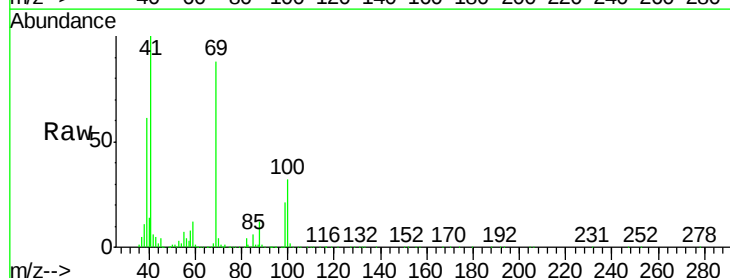
Tgt Ion: 41 Resp: 110624

Ion Ratio Lower Upper

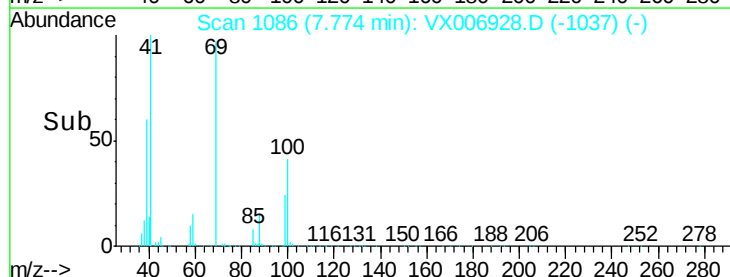
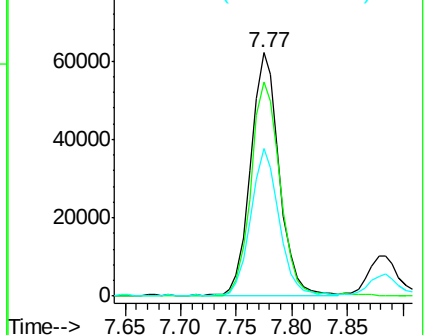
41 100

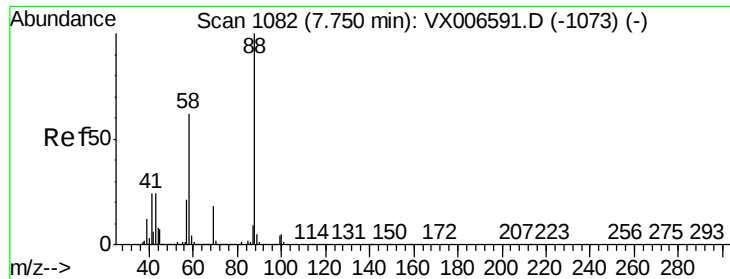
69 89.9 72.4 108.6

39 59.7 45.8 68.8



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





#49

1,4-Dioxane

Concen: 390.723 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

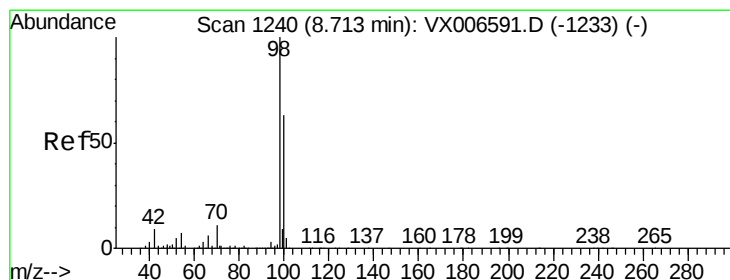
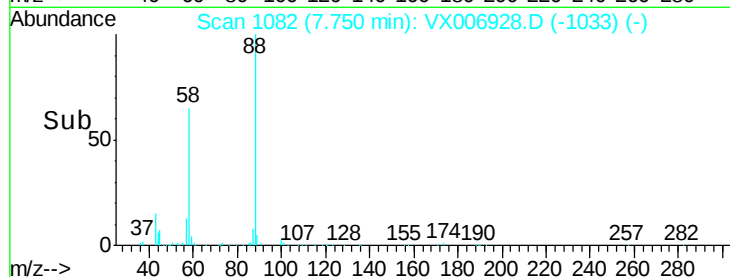
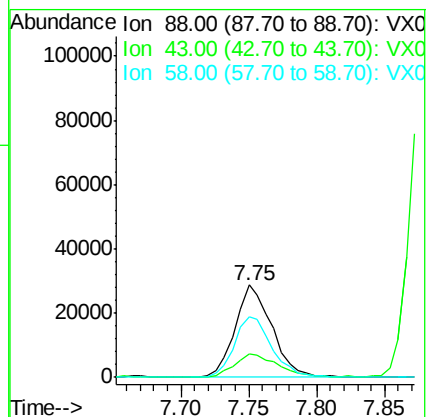
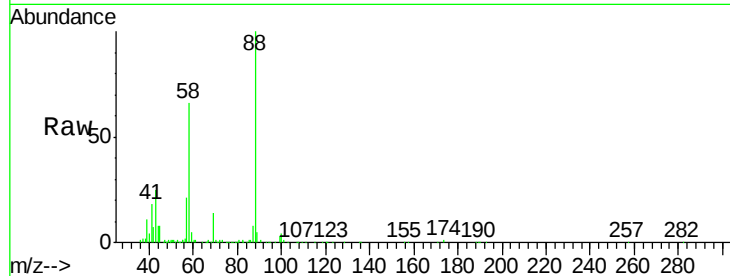
Tot Ion: 88 Resp: 54002

Ion Ratio Lower Upper

88 100

43 27.5 22.2 33.4

58 66.8 51.0 76.4



#50

Toluene-d8

Concen: 50.063 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006928.D

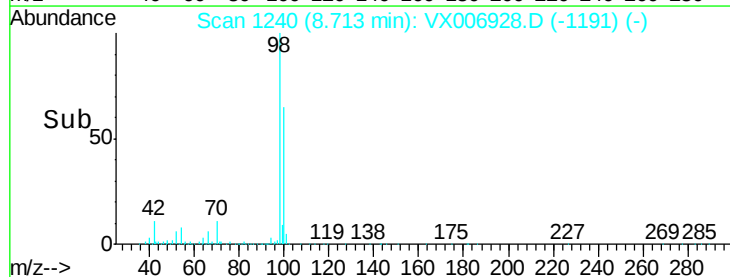
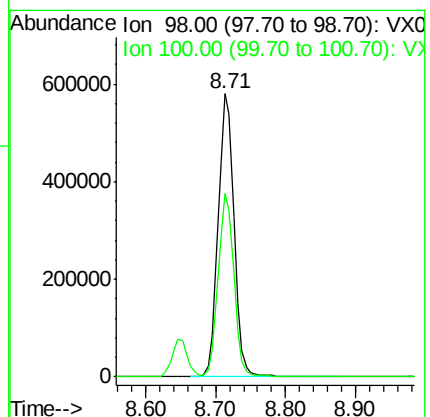
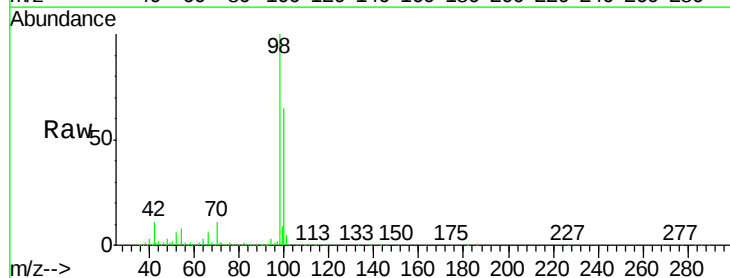
Acq: 07 Jan 2019 11:55

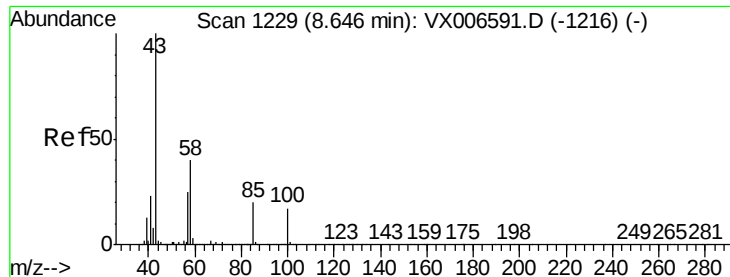
Tgt Ion: 98 Resp: 916821

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 113.186 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

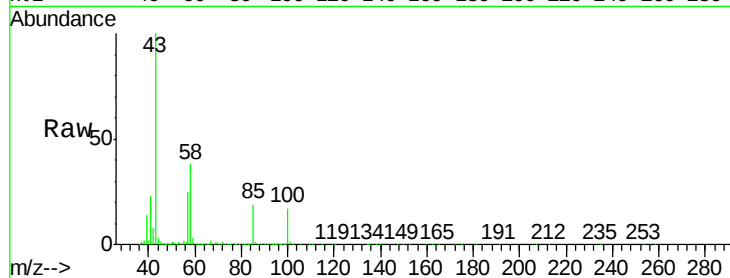
ClientSampleId :

Tot Ion: 43 Resp: 725584

Ion Ratio Lower Upper

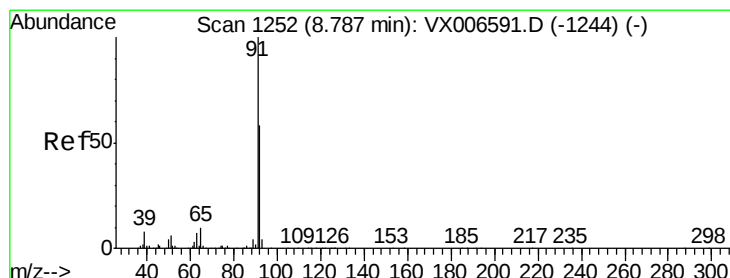
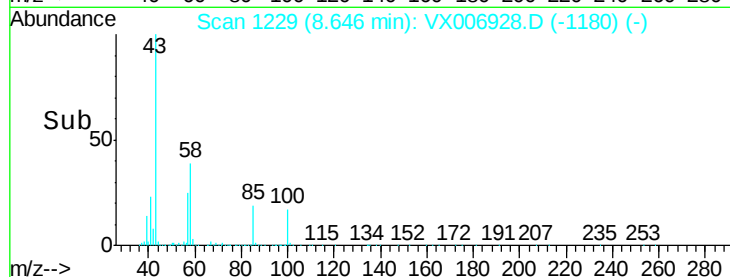
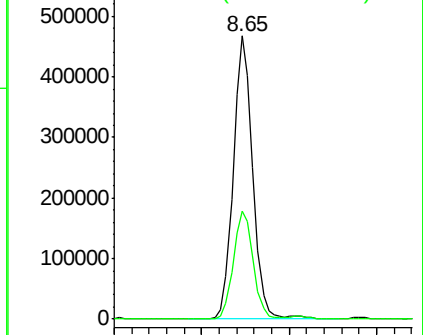
43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.927 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006928.D

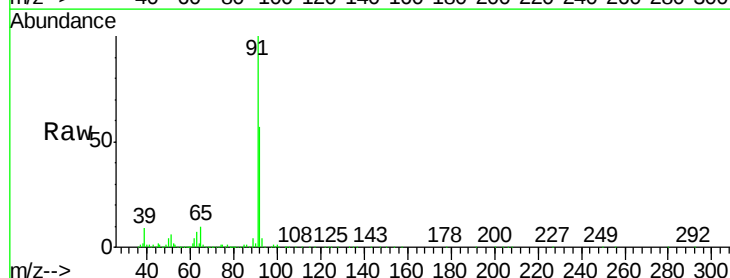
Acq: 07 Jan 2019 11:55

Tgt Ion: 92 Resp: 248955

Ion Ratio Lower Upper

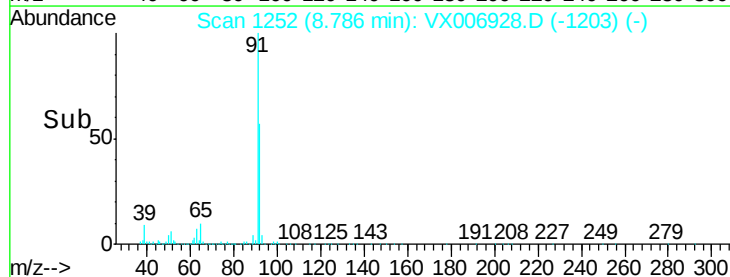
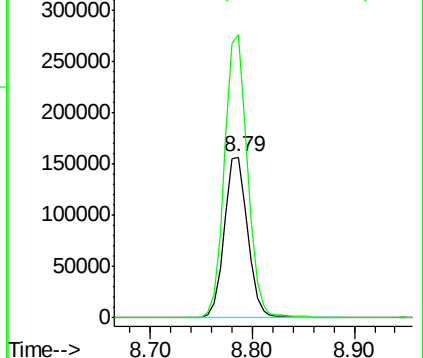
92 100

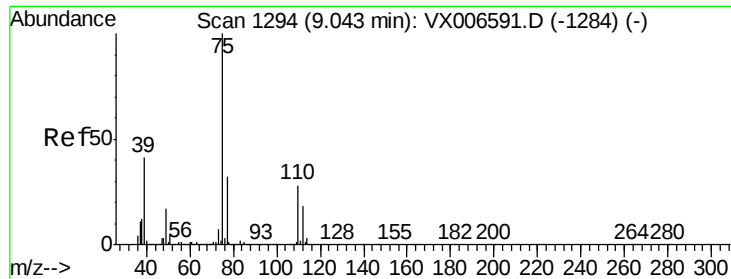
91 173.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

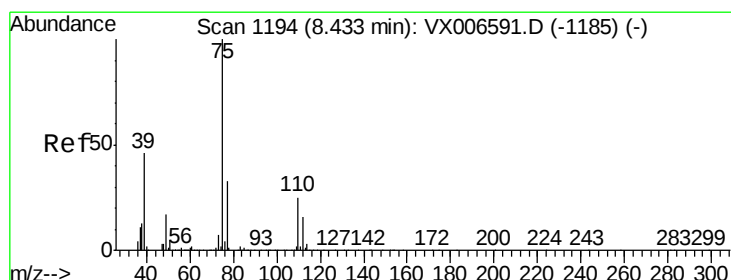
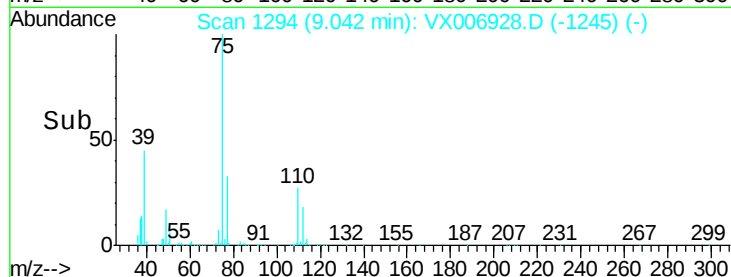
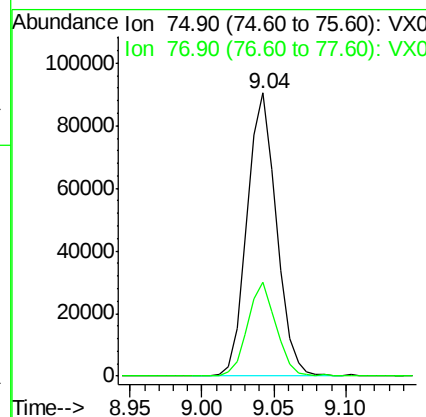
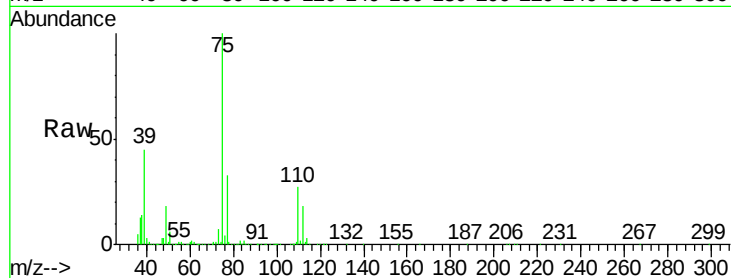




#53
t-1,3-Dichloropropene
Concen: 20.738 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

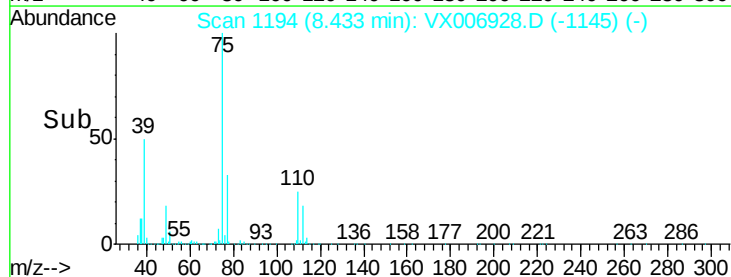
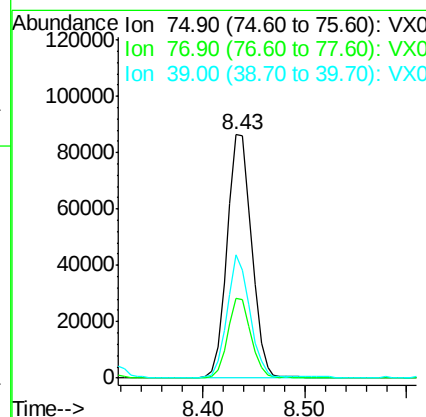
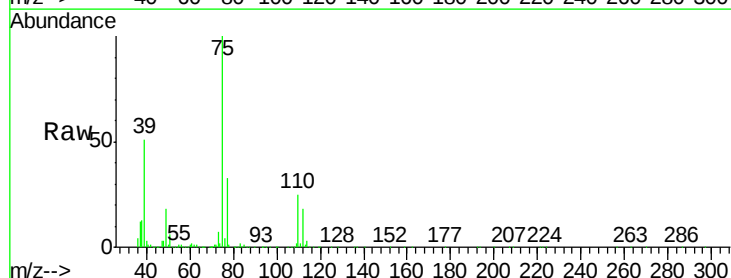
Instrument :
MSVOA_X
ClientSampled :

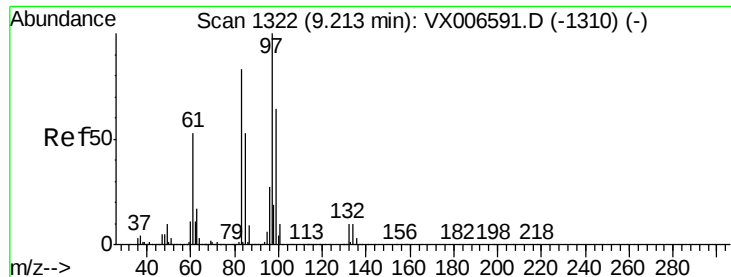
Tot Ion: 75 Resp: 127820
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 21.435 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 75 Resp: 144962
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
39 50.3 36.7 55.1

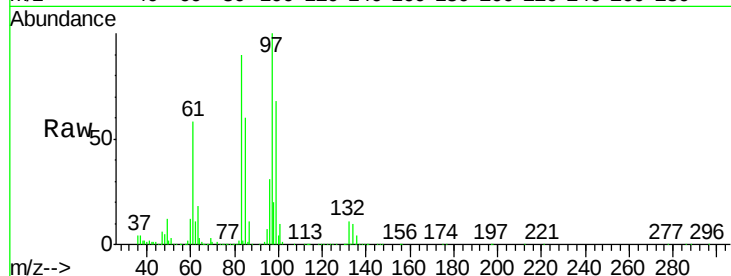




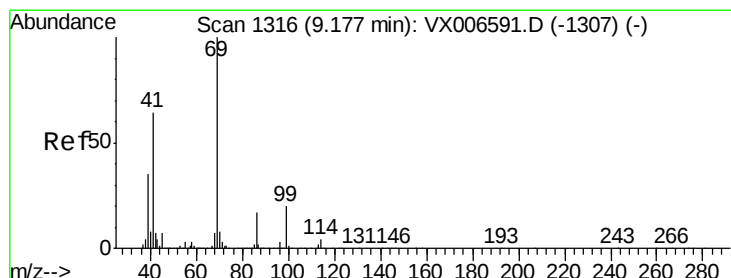
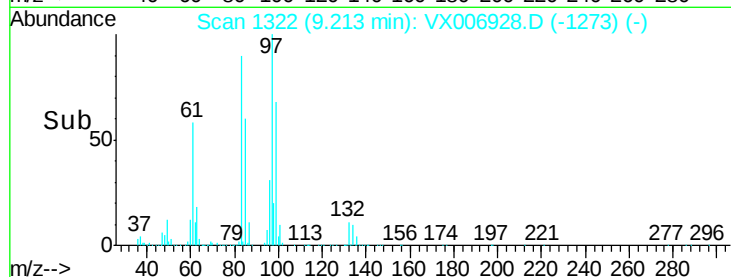
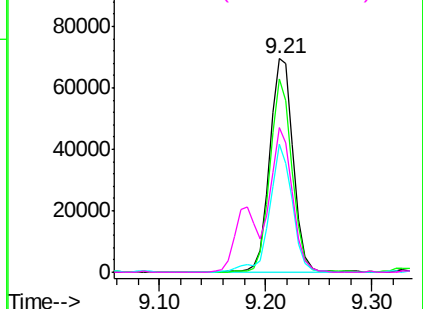
#55
 1,1,2-Trichloroethane
 Concen: 20.960 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	107187
Ion	Ratio	Lower	Upper
97	100		
83	90.3	66.6	99.8
85	60.1	42.7	64.1
99	67.9	50.8	76.2

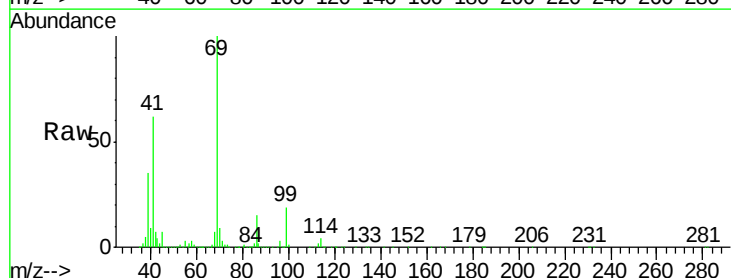


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

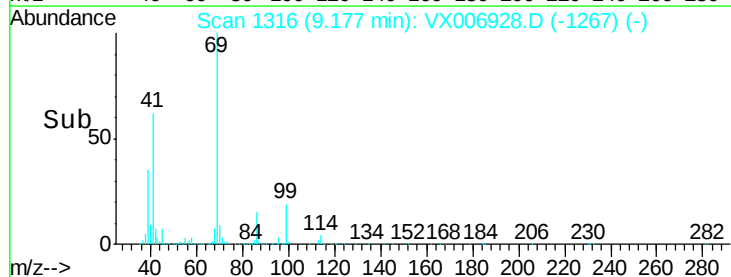
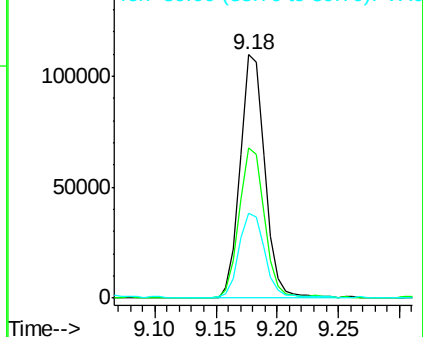


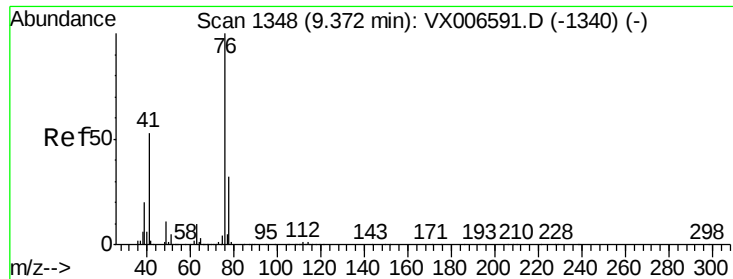
#56
 Ethyl methacrylate
 Concen: 21.268 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Tgt Ion:	69	Resp:	153721
Ion	Ratio	Lower	Upper
69	100		
41	63.5	48.7	73.1
39	36.1	27.0	40.6



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





#57

1,3-Dichloropropane

Concen: 20.654 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

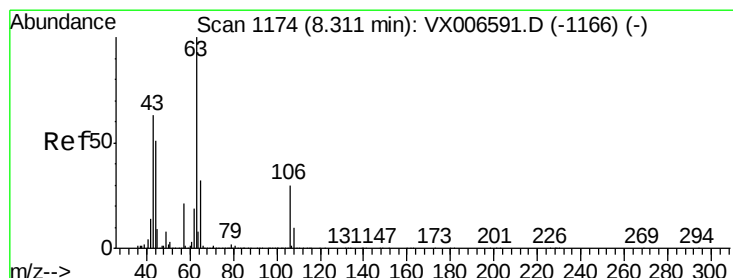
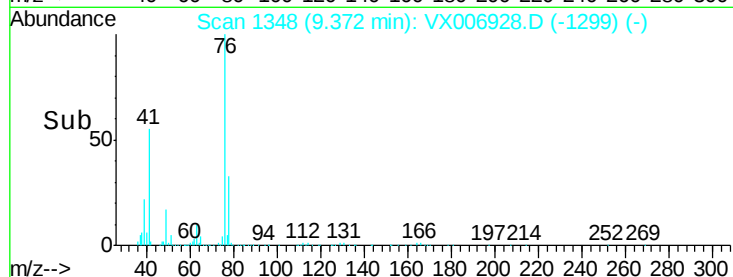
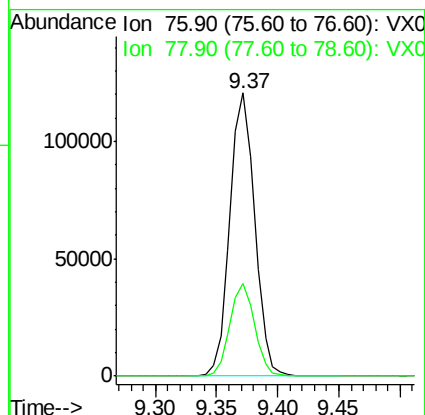
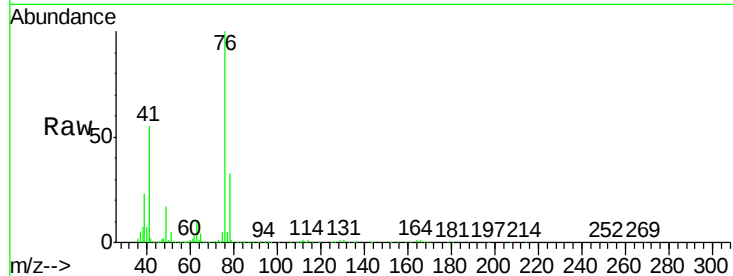
ClientSampleId :

Tot Ion: 76 Resp: 169933

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 100.819 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006928.D

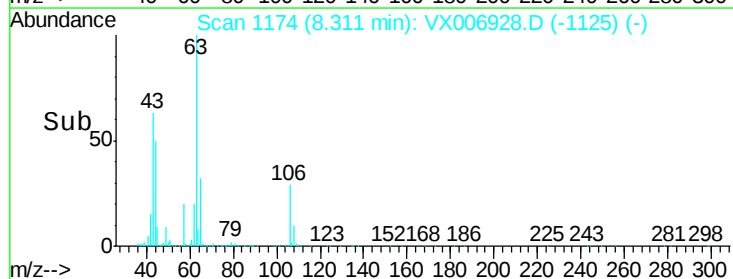
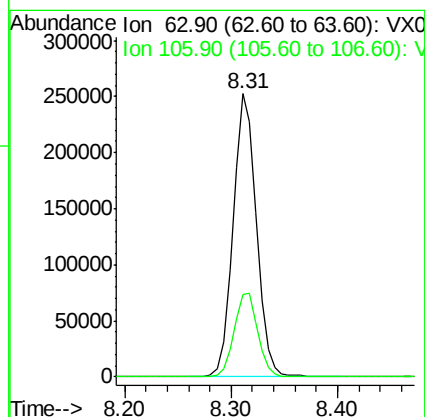
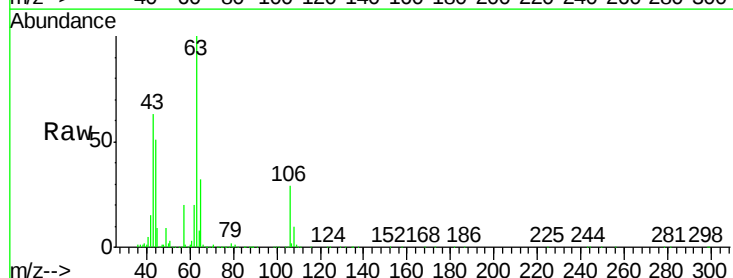
Acq: 07 Jan 2019 11:55

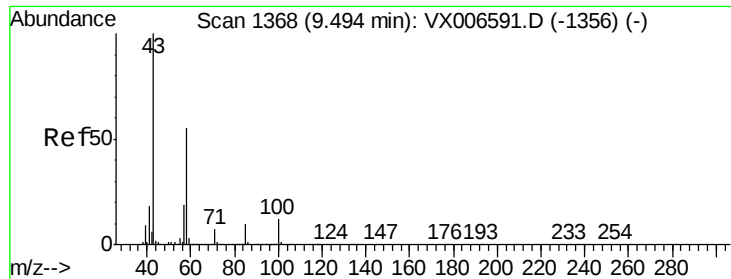
Tgt Ion: 63 Resp: 387347

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8

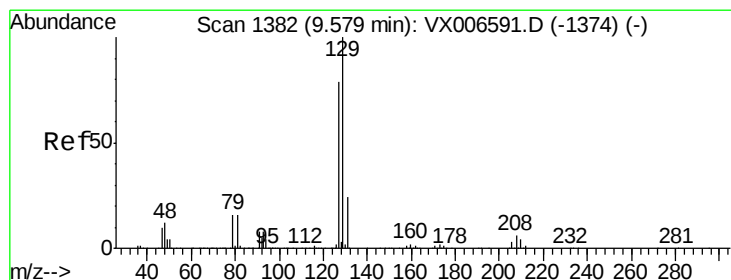
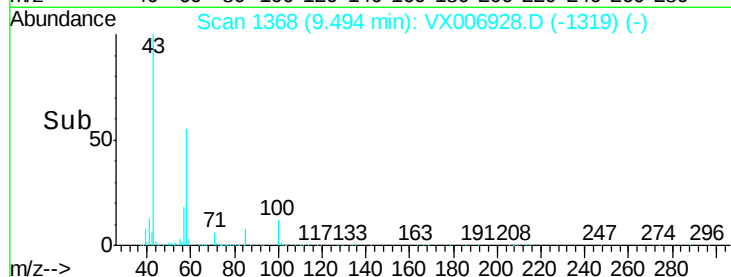
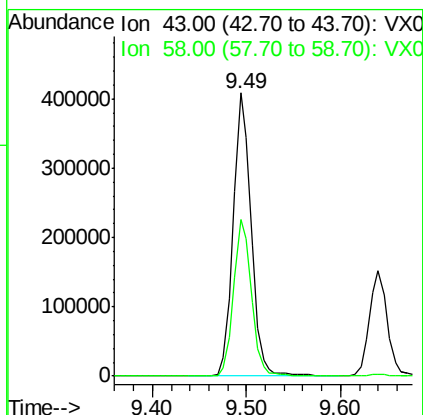
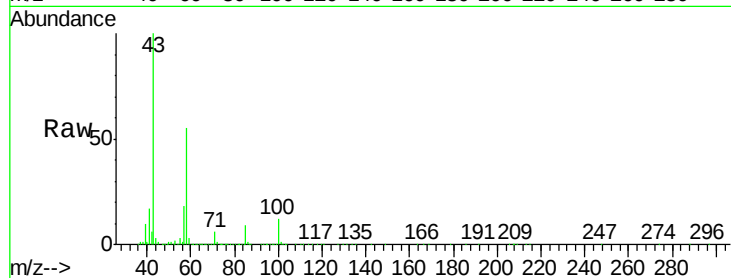




#59
2-Hexanone
Concen: 110.142 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

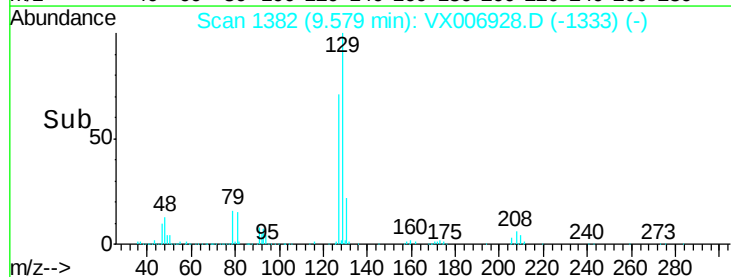
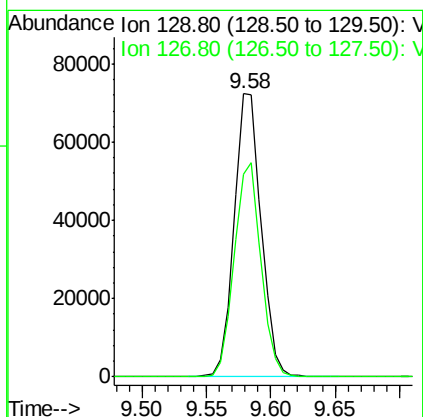
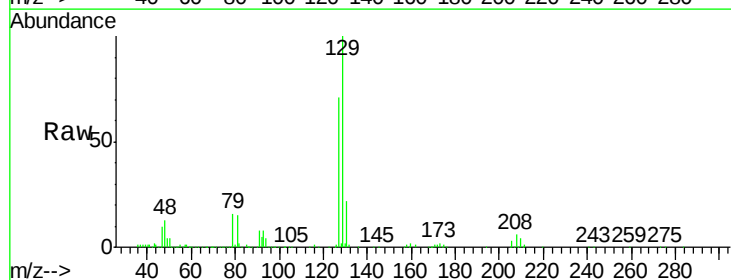
Instrument :
MSVOA_X
ClientSampleId :

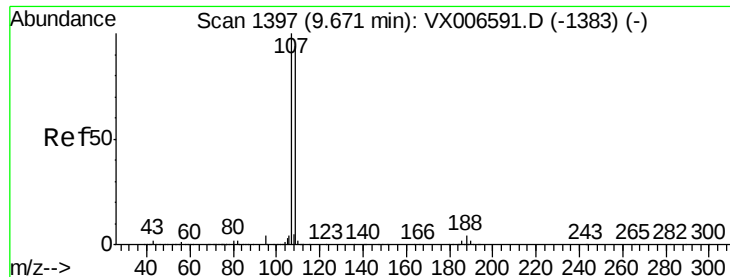
Tot Ion: 43 Resp: 540230
Ion Ratio Lower Upper
43 100
58 55.3 27.7 83.1



#60
Dibromochloromethane
Concen: 21.177 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 129 Resp: 105748
Ion Ratio Lower Upper
129 100
127 74.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.923 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

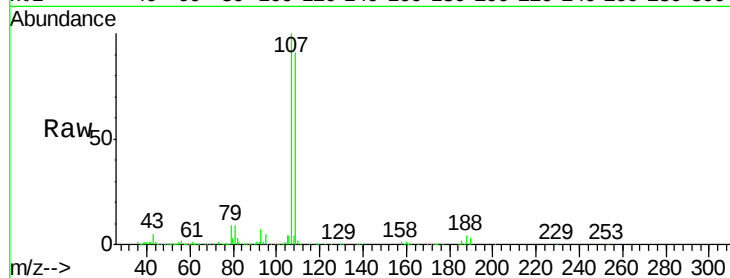
ClientSampleId :

Tot Ion:107 Resp: 113738

Ion Ratio Lower Upper

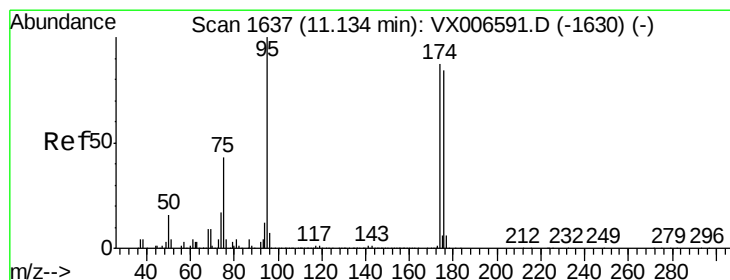
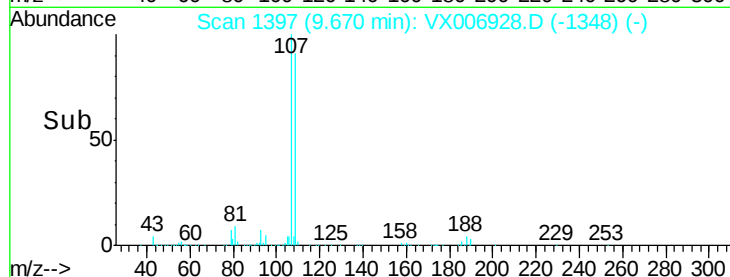
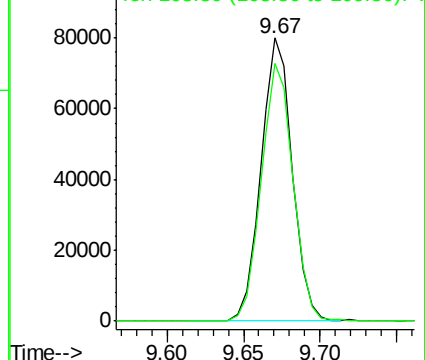
107 100

109 92.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.401 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

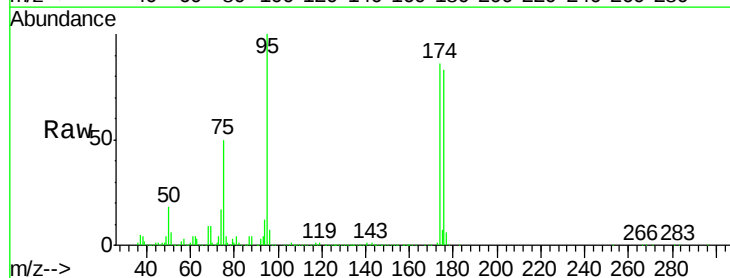
Tgt Ion: 95 Resp: 324634

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

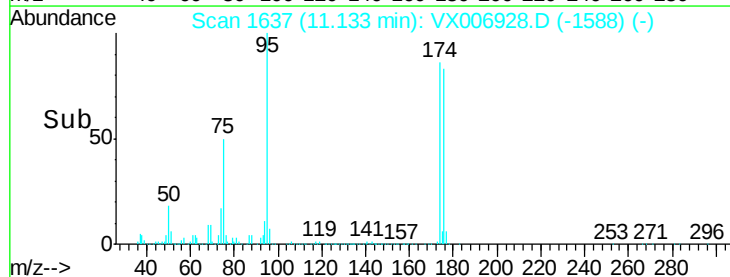
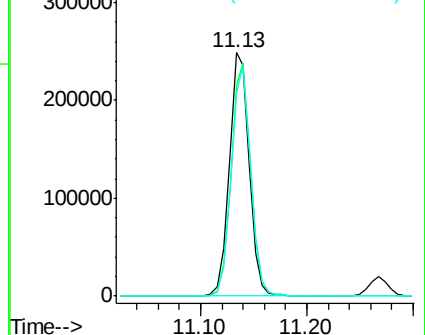
176 92.4 0.0 178.8

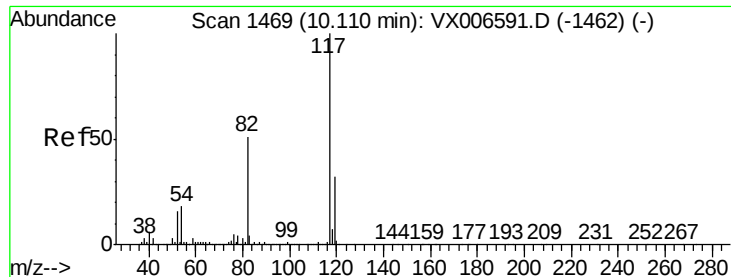


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

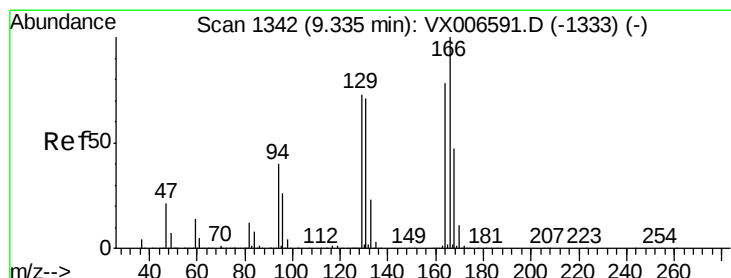
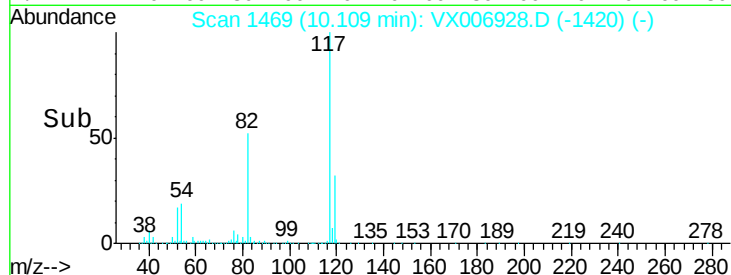
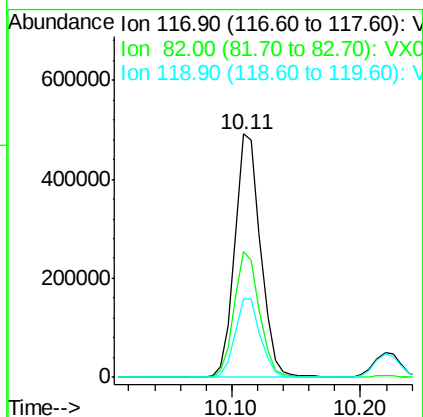
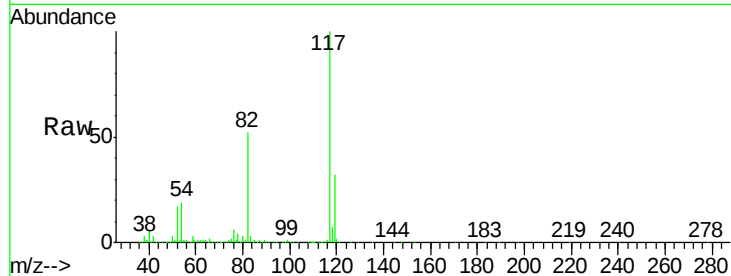




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

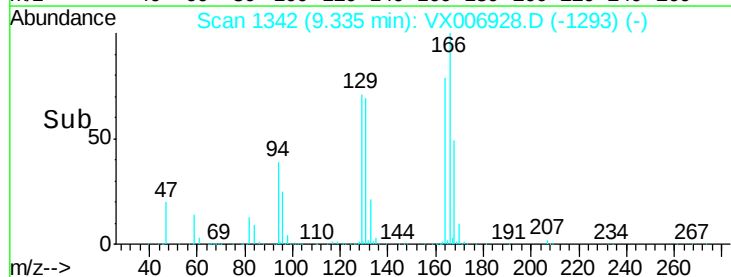
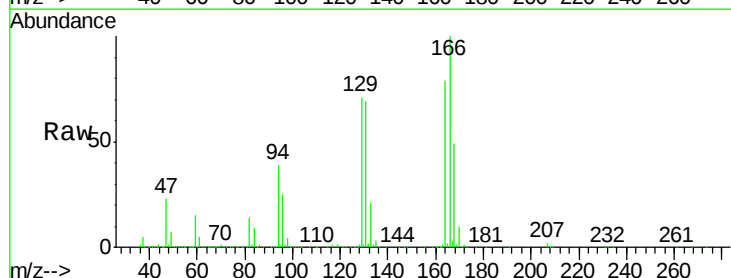
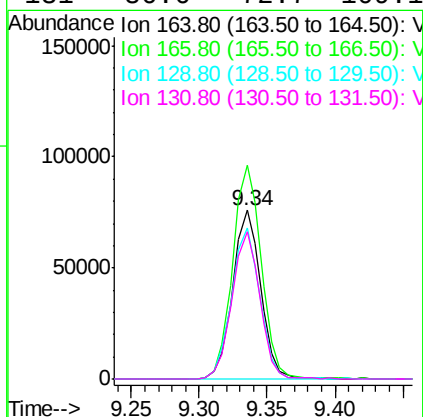
Instrument :
MSVOA_X
ClientSampleId :

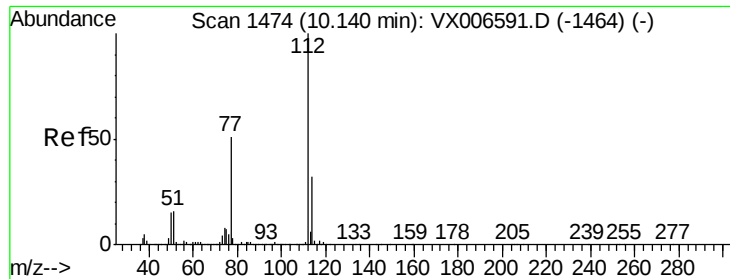
Tot Ion:117 Resp: 687802
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 20.027 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion:164 Resp: 109073
Ion Ratio Lower Upper
164 100
166 126.4 102.5 153.7
129 89.4 75.1 112.7
131 86.6 72.7 109.1

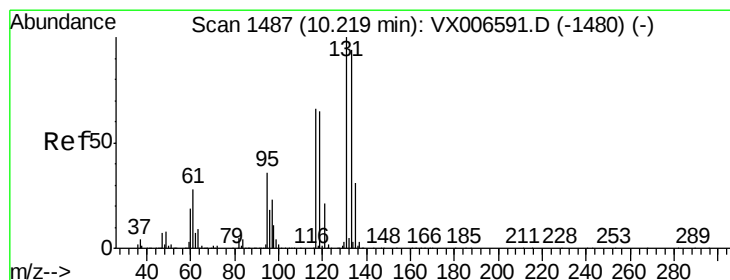
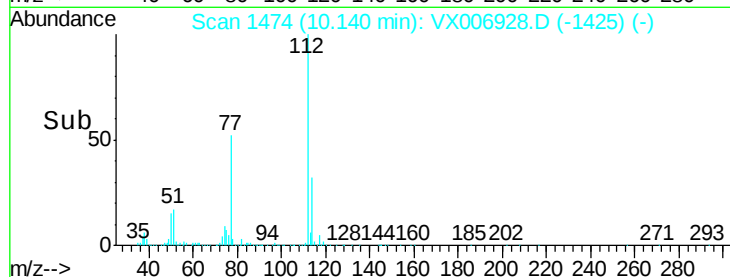
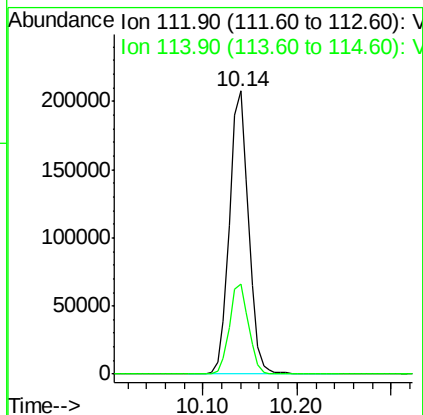
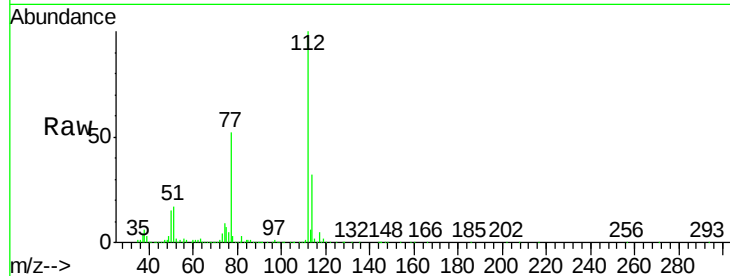




#65
Chlorobenzene
Concen: 20.146 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

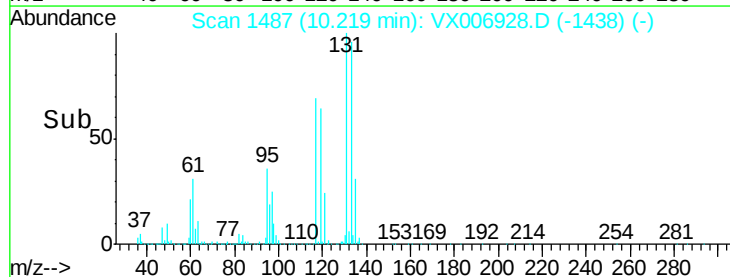
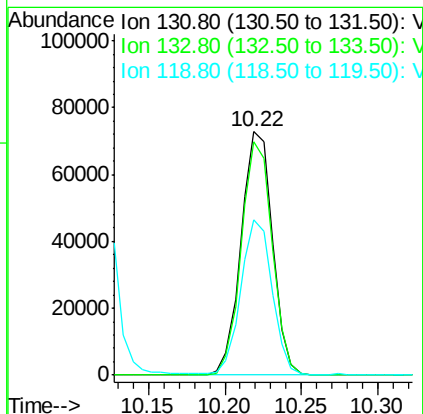
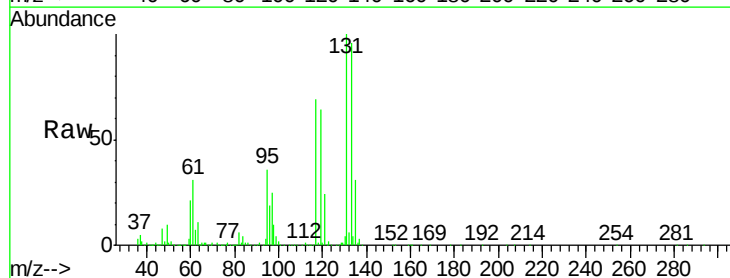
Instrument :
MSVOA_X
ClientSampleId :

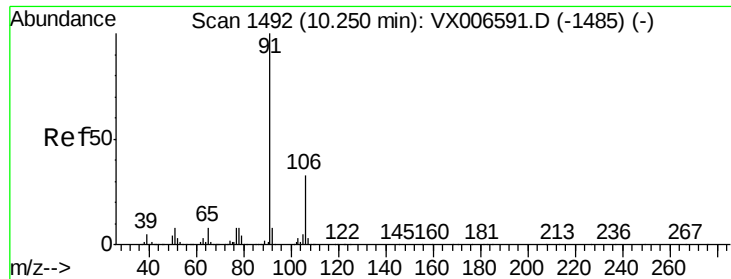
Tot Ion:112 Resp: 293145
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.901 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion:131 Resp: 103967
Ion Ratio Lower Upper
131 100
133 94.3 48.0 144.2
119 62.9 32.6 97.8





#67

Ethyl Benzene

Concen: 19.539 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

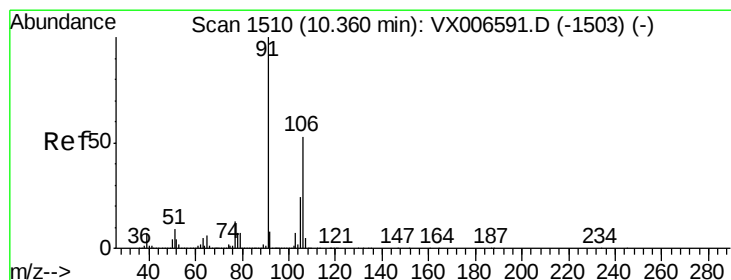
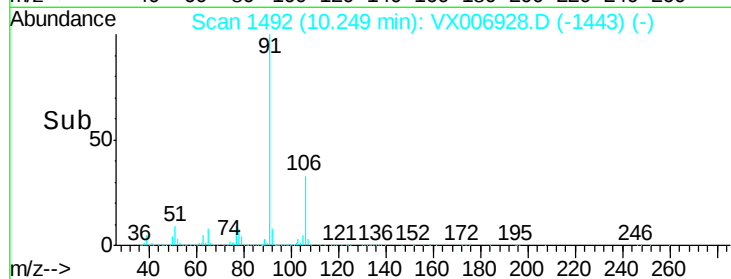
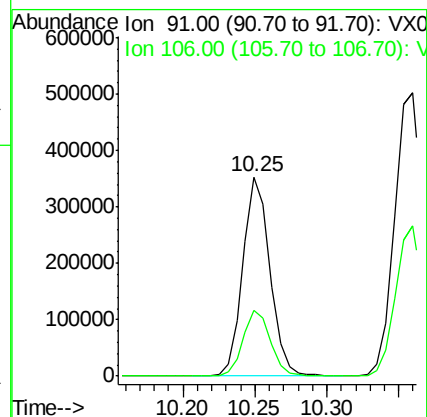
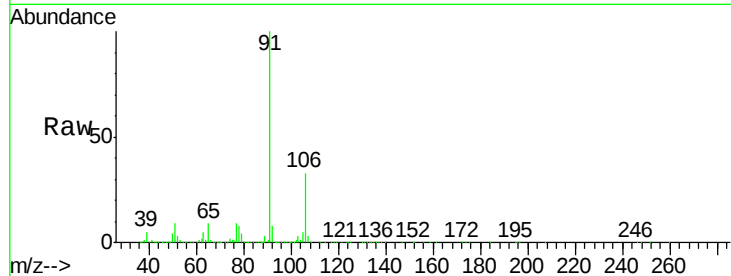
ClientSampled :

Tot Ion: 91 Resp: 464582

Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6



#68

m/p-Xylenes

Concen: 39.240 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006928.D

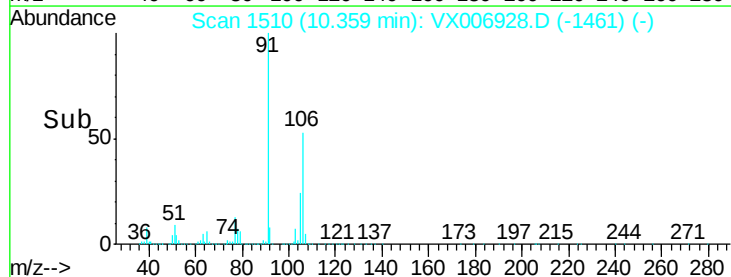
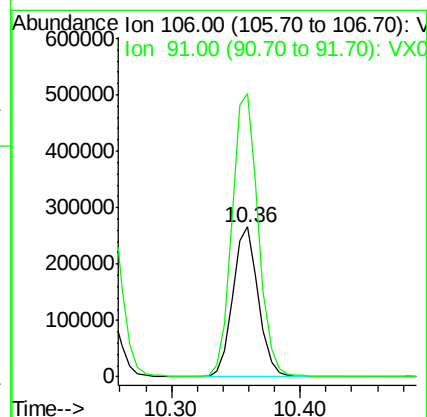
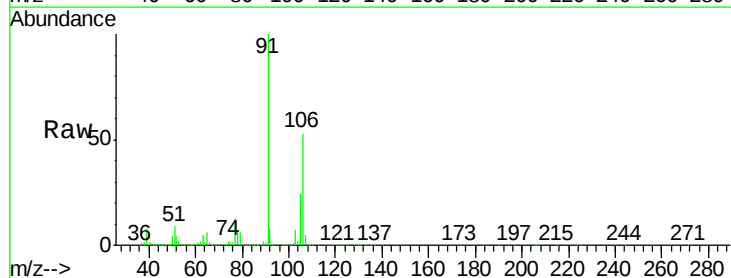
Acq: 07 Jan 2019 11:55

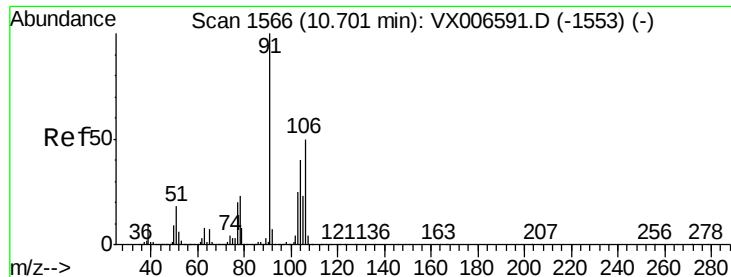
Tgt Ion: 106 Resp: 368166

Ion Ratio Lower Upper

106 100

91 195.6 155.8 233.6

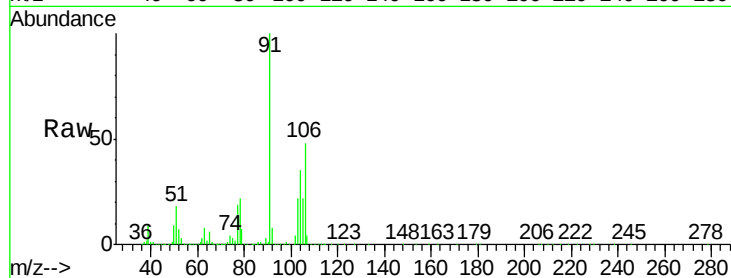




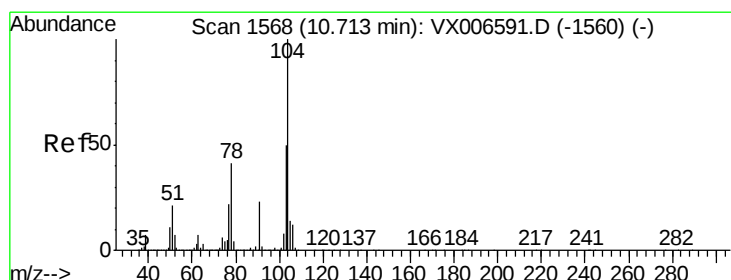
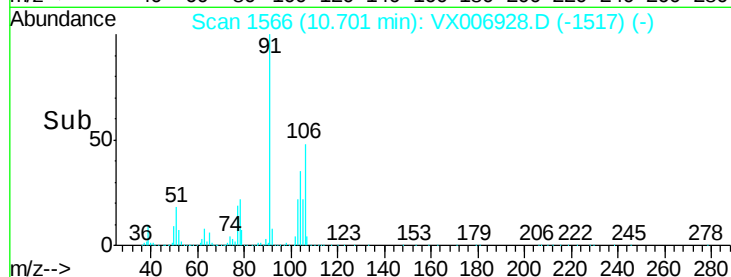
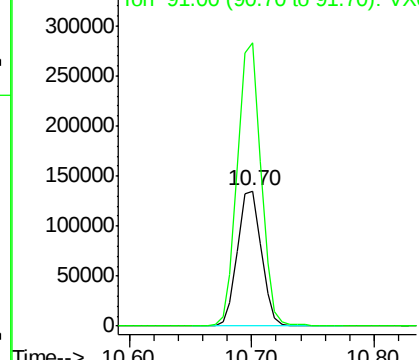
#69
o-Xylene
Concen: 19.714 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 182648
Ion Ratio Lower Upper
106 100
91 206.7 101.3 303.7

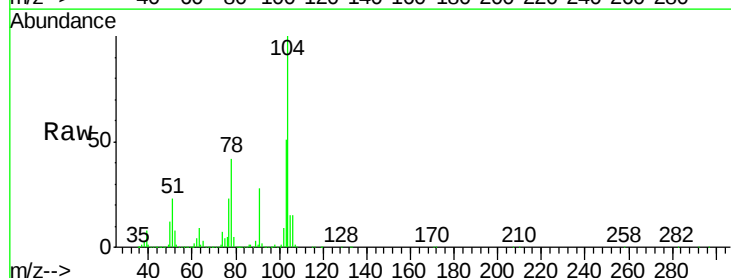


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

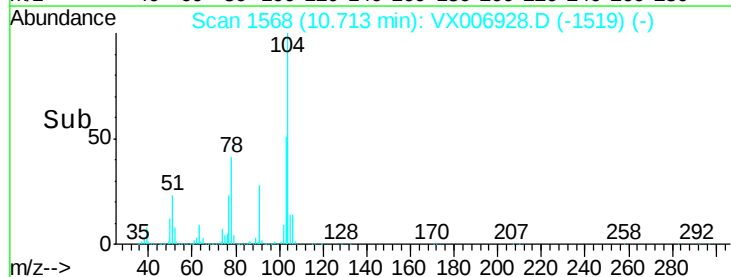
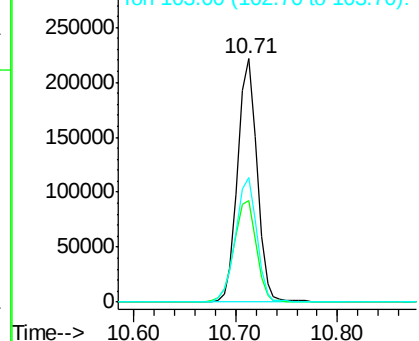


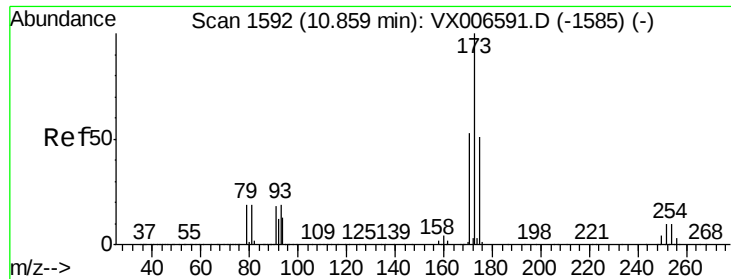
#70
Styrene
Concen: 19.865 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion:104 Resp: 291172
Ion Ratio Lower Upper
104 100
78 47.8 37.7 56.5
103 55.7 43.8 65.8



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 21.076 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

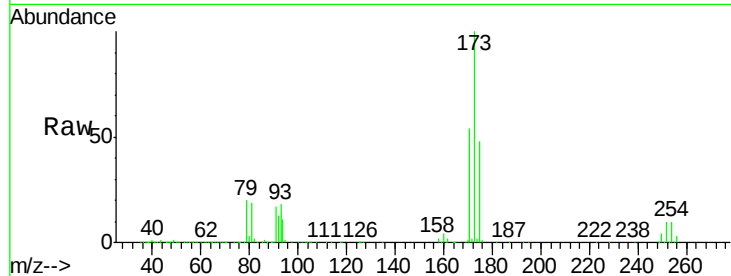
Tot Ion:173 Resp: 74705

Ion Ratio Lower Upper

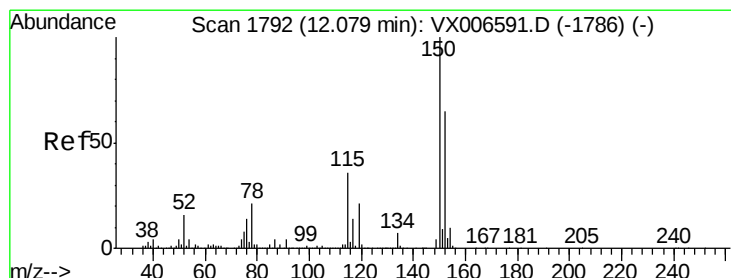
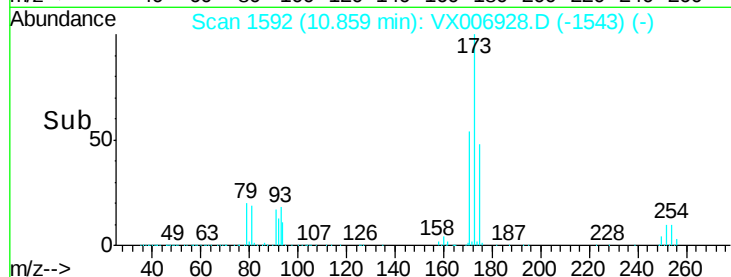
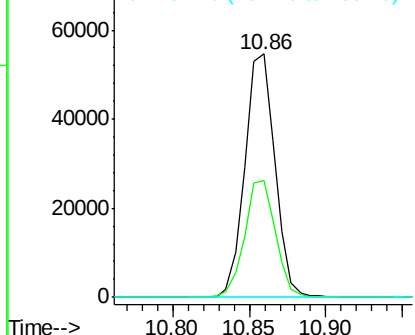
173 100

175 49.1 24.7 74.1

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: VX006928.D

Acq: 07 Jan 2019 11:55

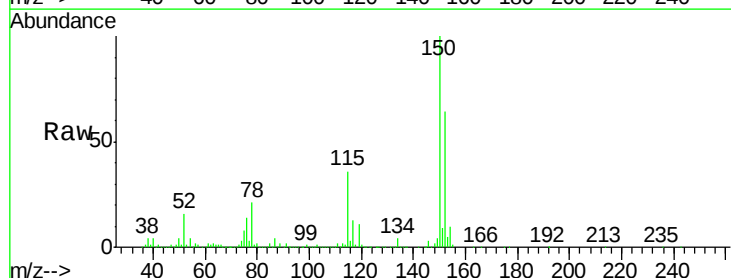
Tgt Ion:152 Resp: 352147

Ion Ratio Lower Upper

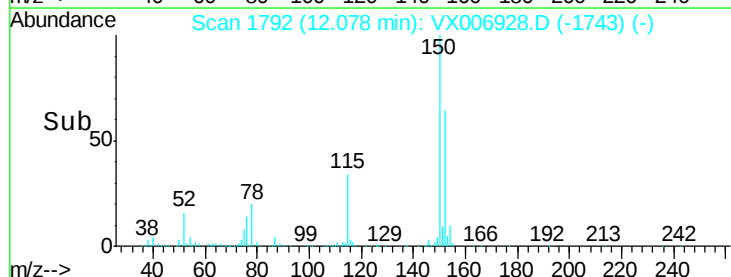
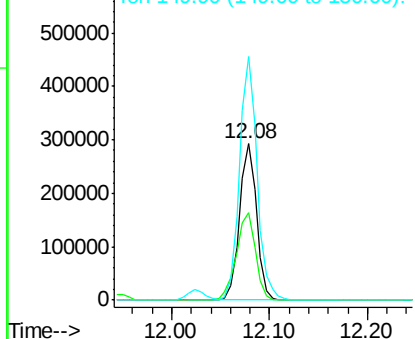
152 100

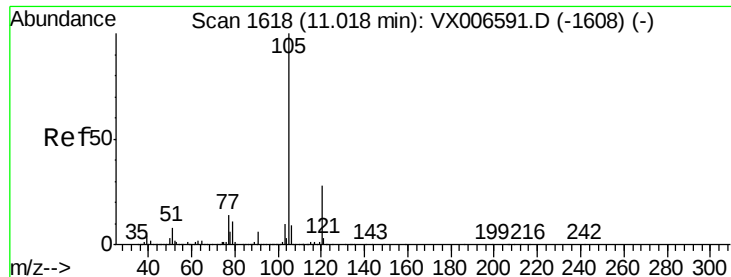
115 62.9 39.1 117.2

150 160.9 0.0 344.8



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





#73

Isopropylbenzene

Concen: 20.037 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

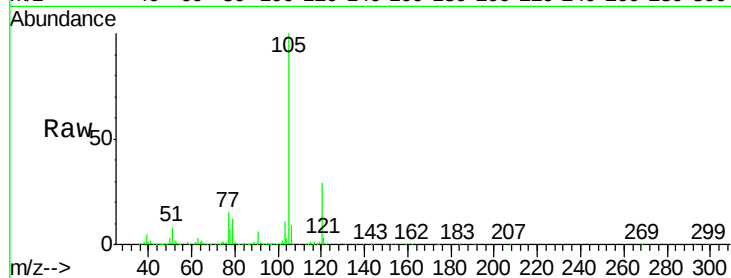
ClientSampleId :

Tot Ion:105 Resp: 482724

Ion Ratio Lower Upper

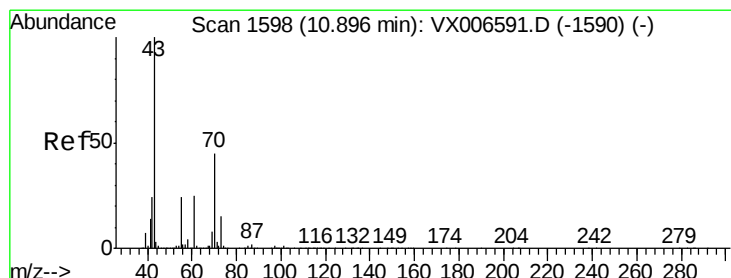
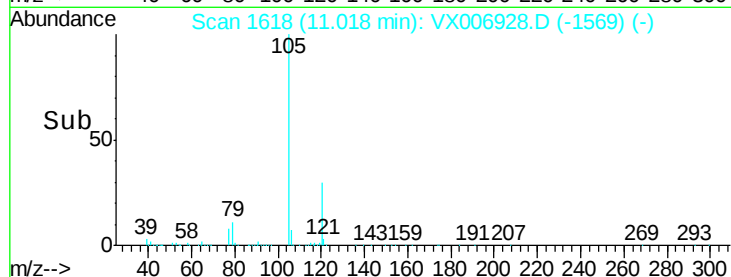
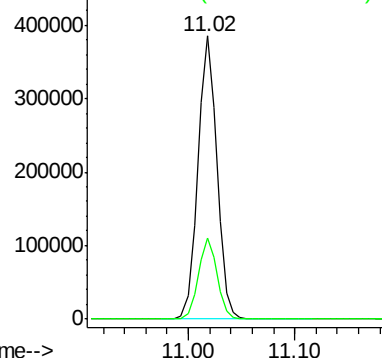
105 100

120 28.1 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.301 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Tgt Ion: 43 Resp: 192305

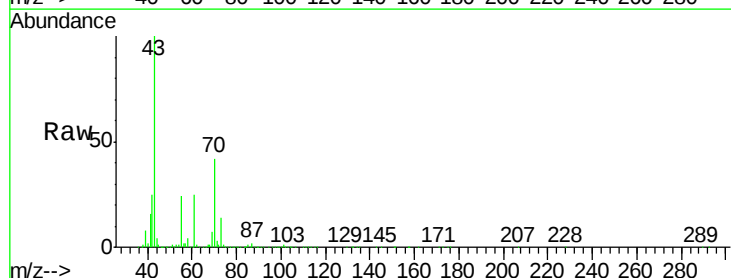
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.7 19.4 29.0

61 24.3 20.1 30.1

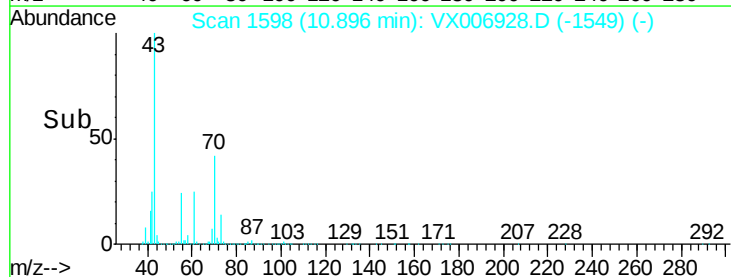
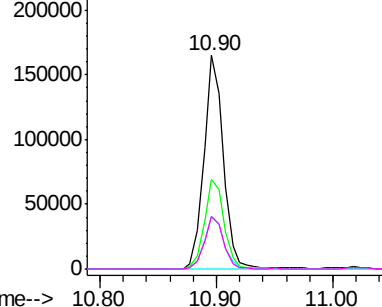


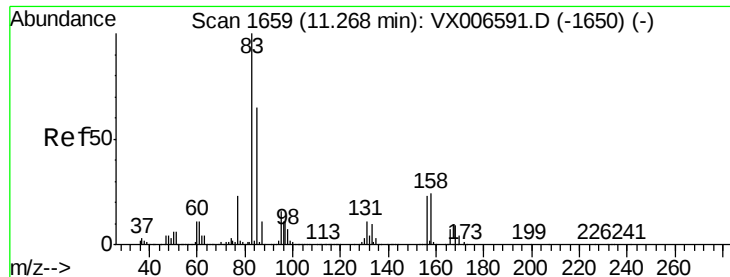
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.972 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

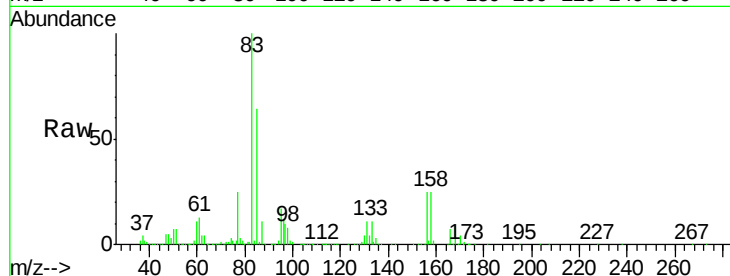
Tot Ion: 83 Resp: 157420

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

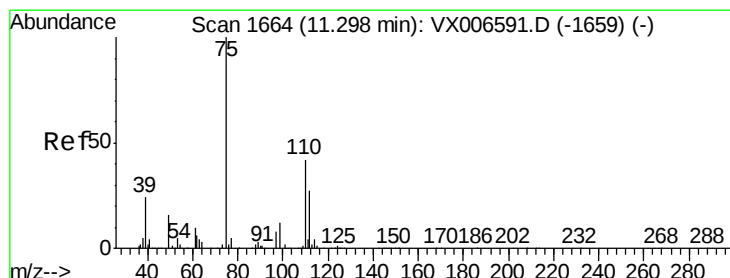
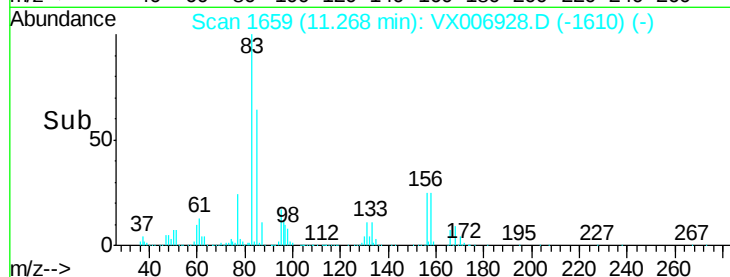
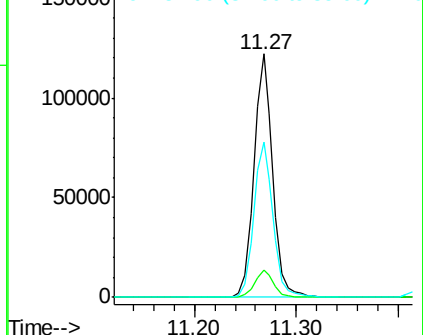
85 65.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 26.174 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006928.D

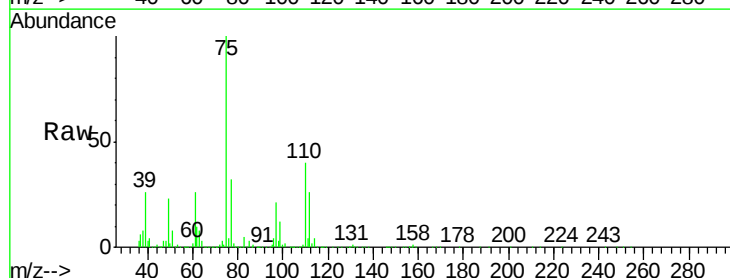
Acq: 07 Jan 2019 11:55

Tgt Ion: 75 Resp: 171292

Ion Ratio Lower Upper

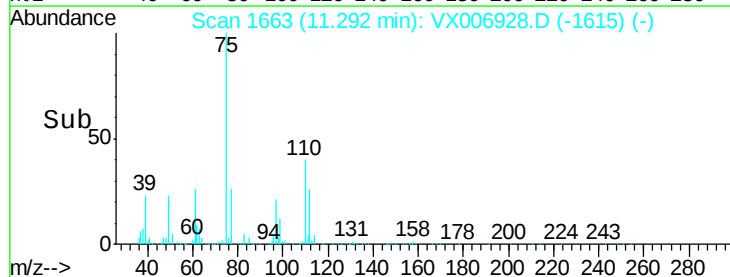
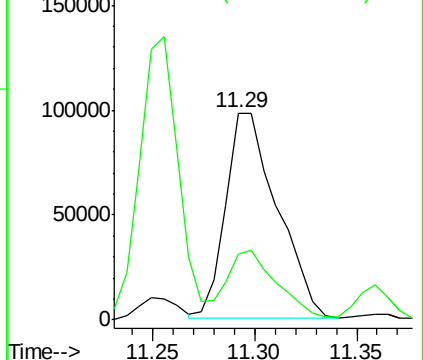
75 100

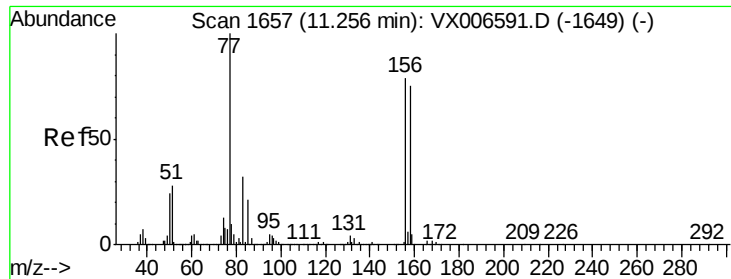
77 31.8 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.240 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

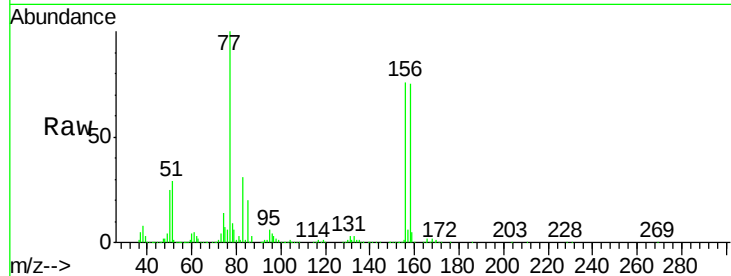
Tot Ion:156 Resp: 131823

Ion Ratio Lower Upper

156 100

77 136.7 68.0 204.0

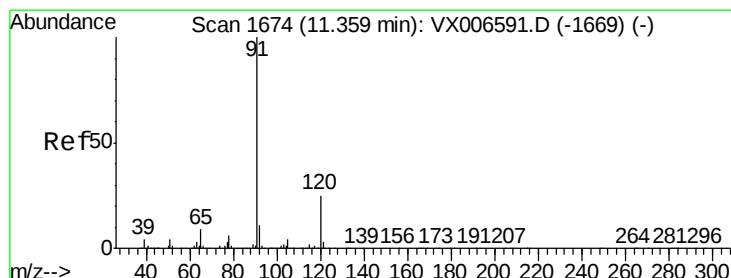
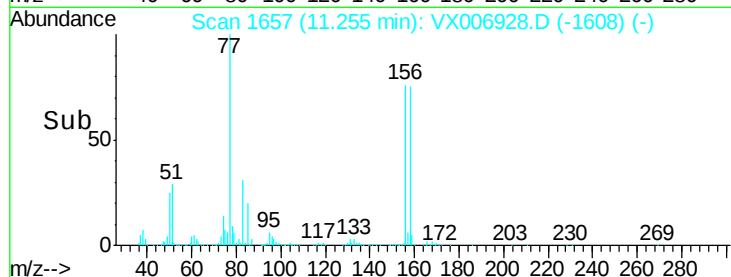
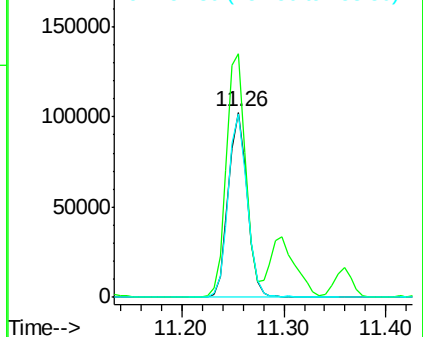
158 99.2 48.3 144.8



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: 20.057 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006928.D

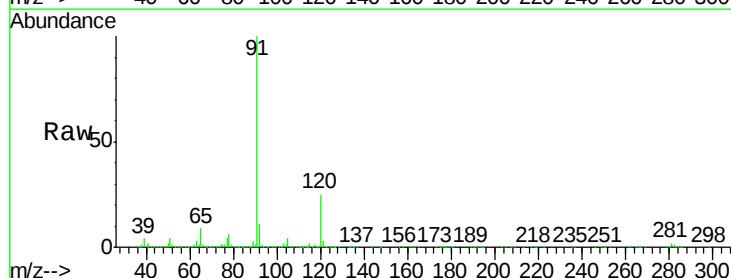
Acq: 07 Jan 2019 11:55

Tgt Ion: 91 Resp: 532088

Ion Ratio Lower Upper

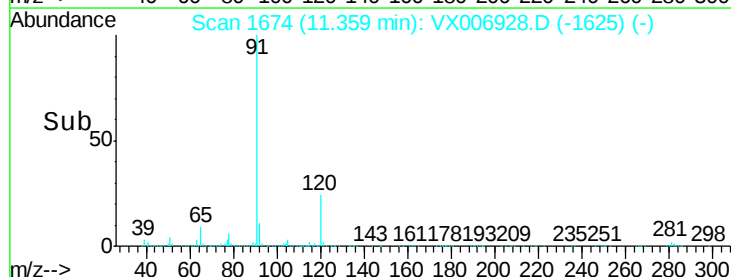
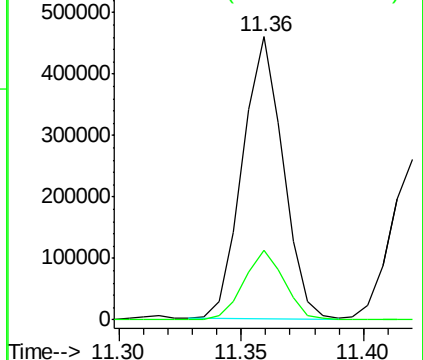
91 100

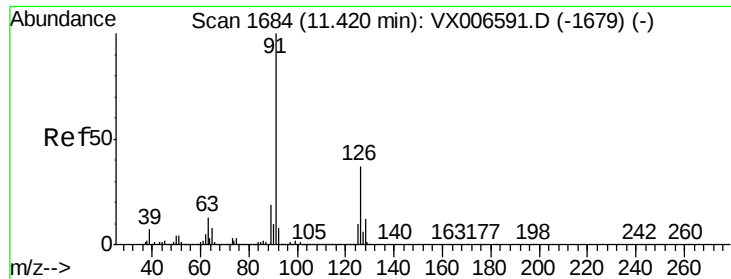
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.631 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

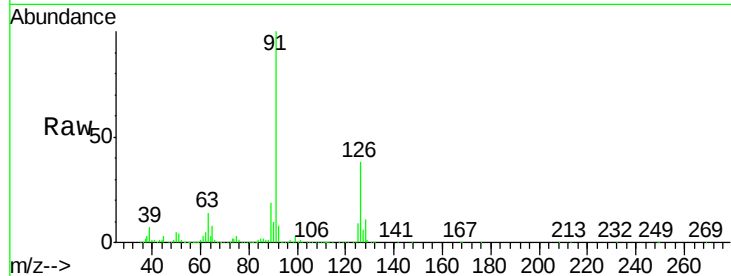
ClientSampled :

Tot Ion: 91 Resp: 315598

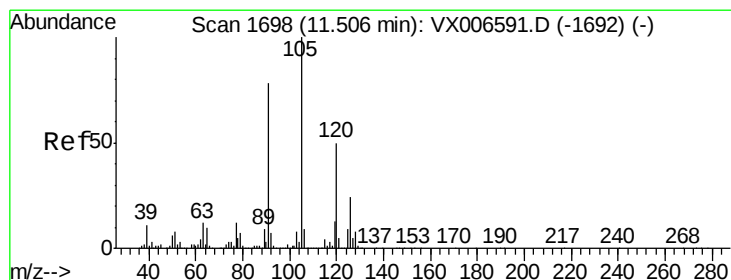
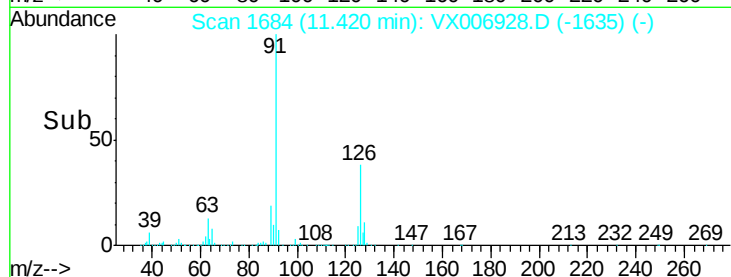
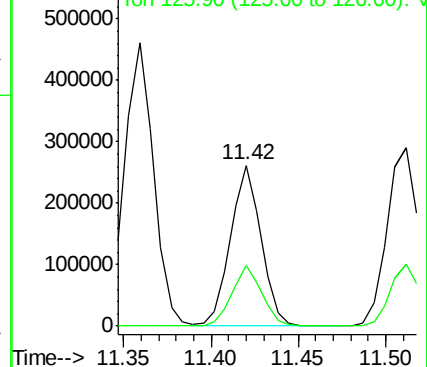
Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.320 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006928.D

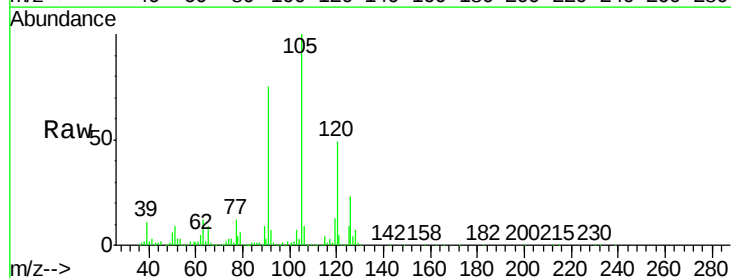
Acq: 07 Jan 2019 11:55

Tgt Ion: 105 Resp: 403216

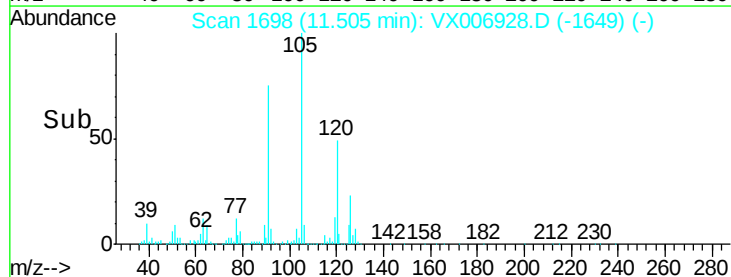
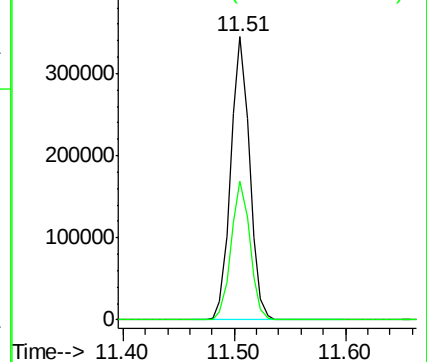
Ion Ratio Lower Upper

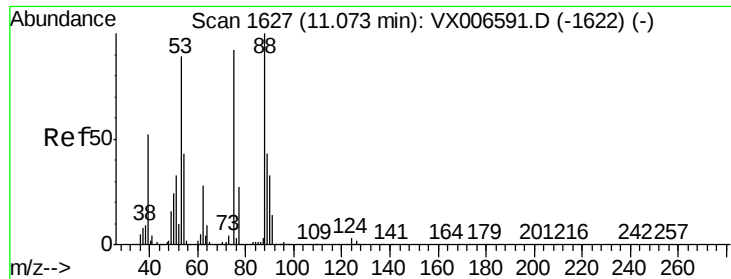
105 100

120 48.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.707 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

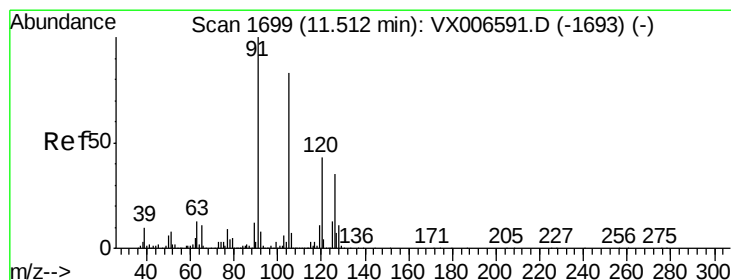
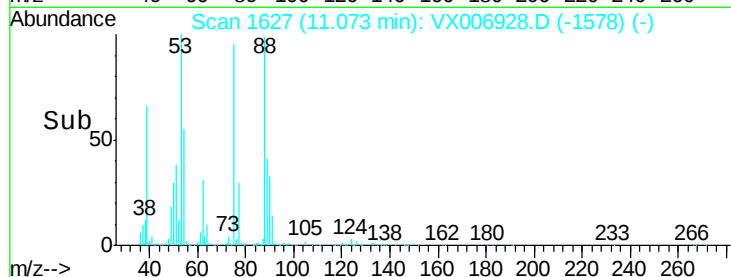
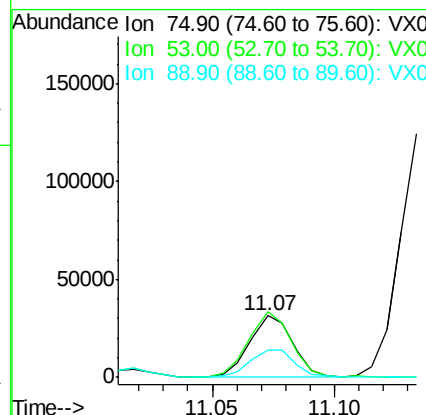
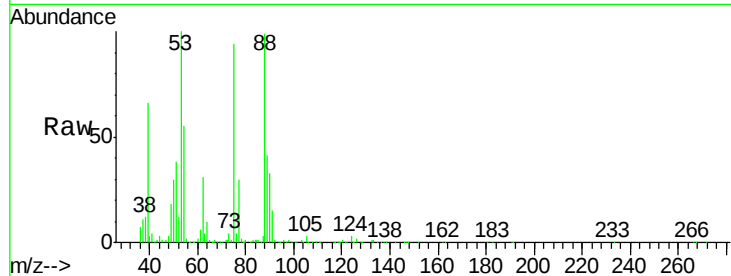
Tot Ion: 75 Resp: 38705

Ion Ratio Lower Upper

75 100

53 105.9 79.7 119.5

89 47.2 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.654 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006928.D

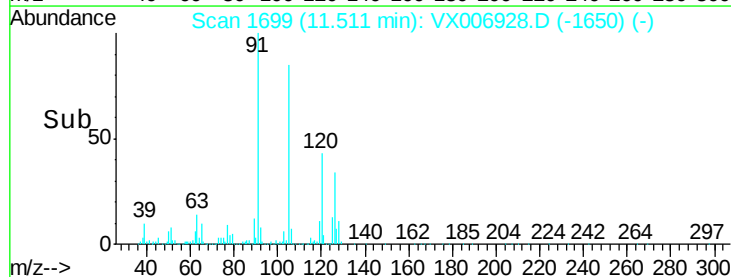
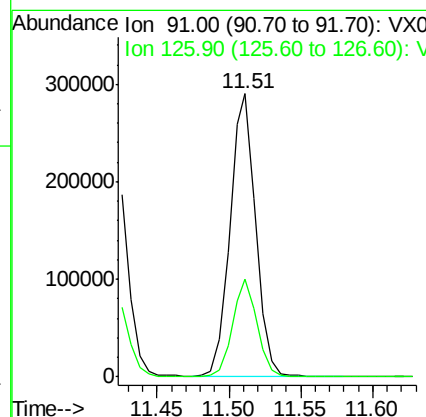
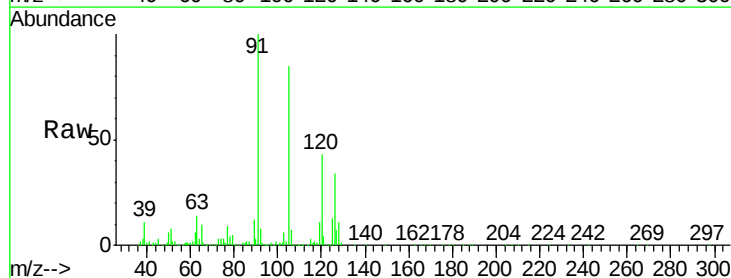
Acq: 07 Jan 2019 11:55

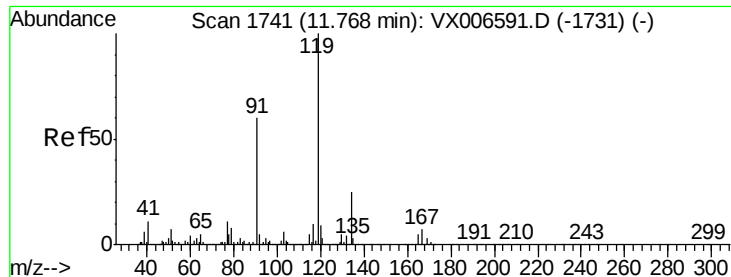
Tgt Ion: 91 Resp: 362437

Ion Ratio Lower Upper

91 100

126 32.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 20.644 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

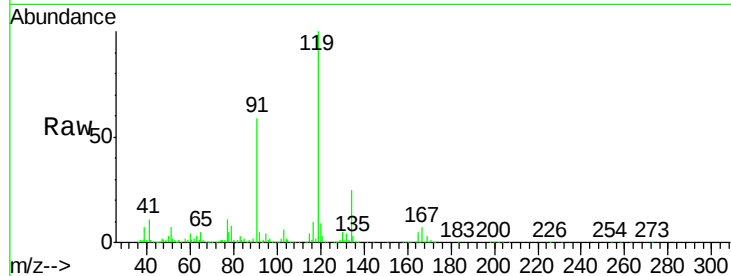
Tot Ion:119 Resp: 409988

Ion Ratio Lower Upper

119 100

91 54.6 27.7 83.1

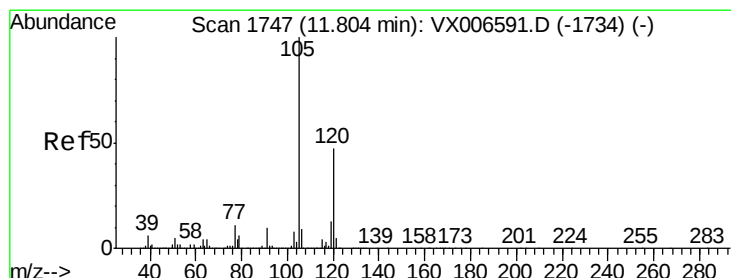
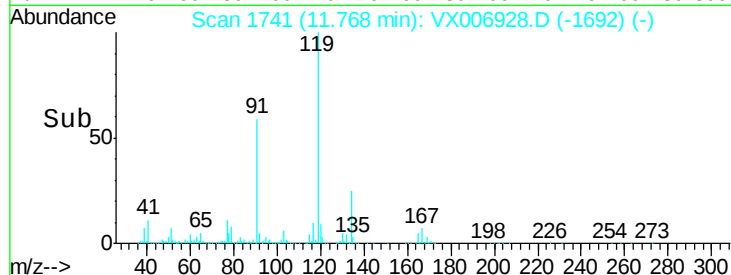
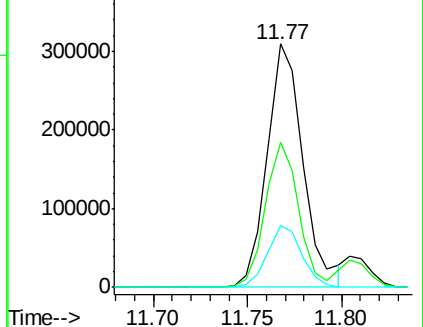
134 24.4 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.639 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006928.D

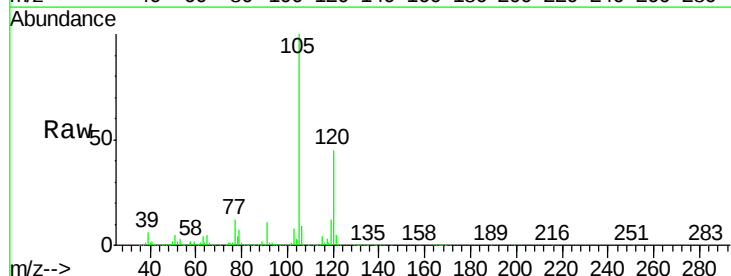
Acq: 07 Jan 2019 11:55

Tgt Ion:105 Resp: 409889

Ion Ratio Lower Upper

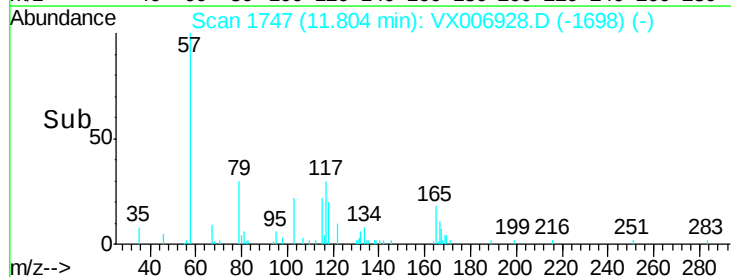
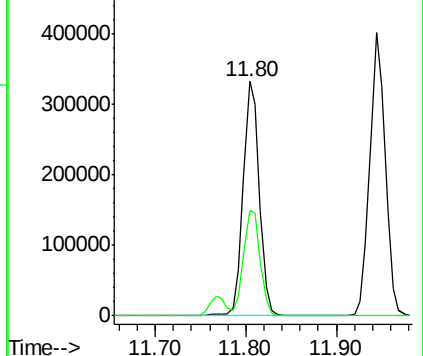
105 100

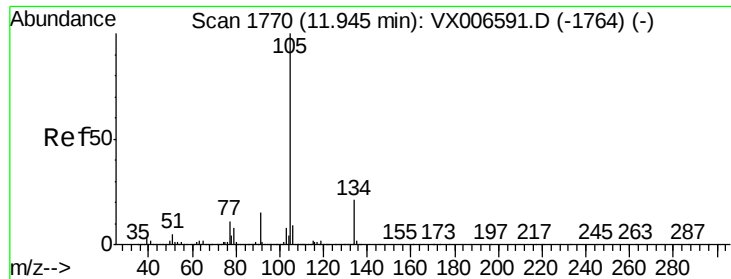
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.669 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

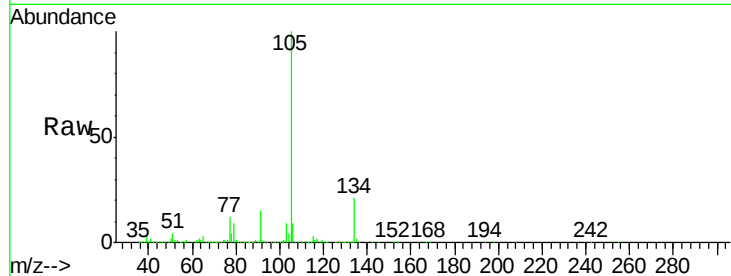
ClientSampleId :

Tot Ion:105 Resp: 478911

Ion Ratio Lower Upper

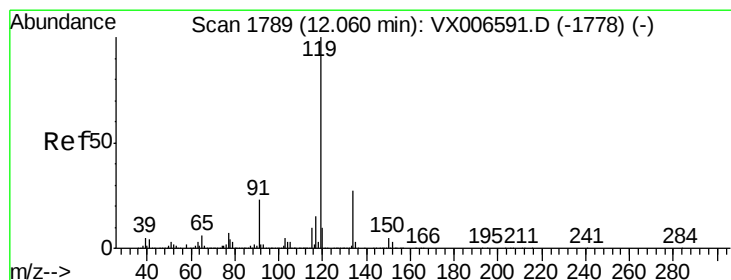
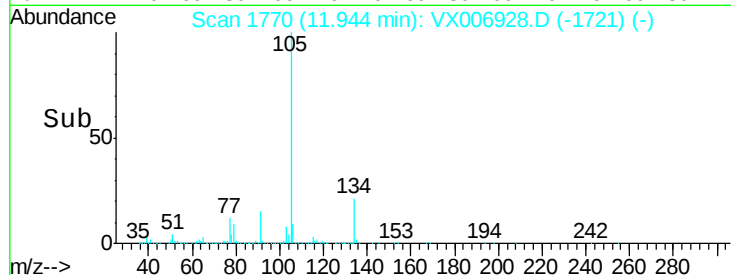
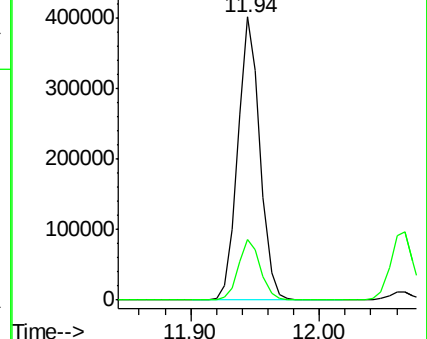
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.182 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

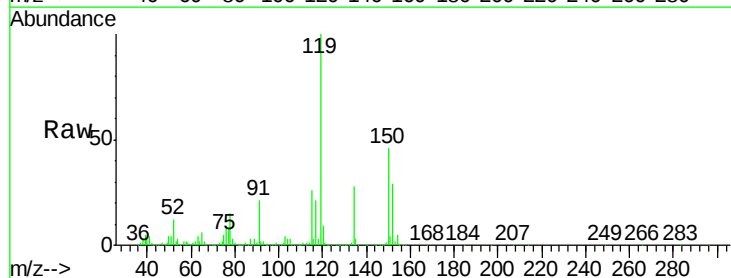
Tgt Ion:119 Resp: 431978

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

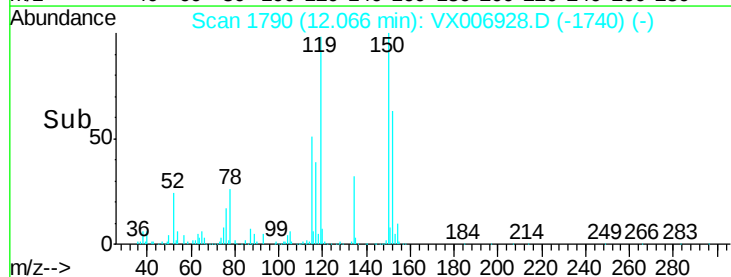
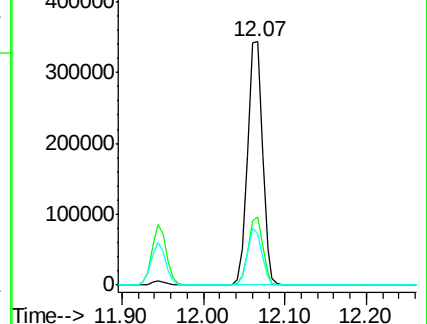
91 22.4 11.3 33.9

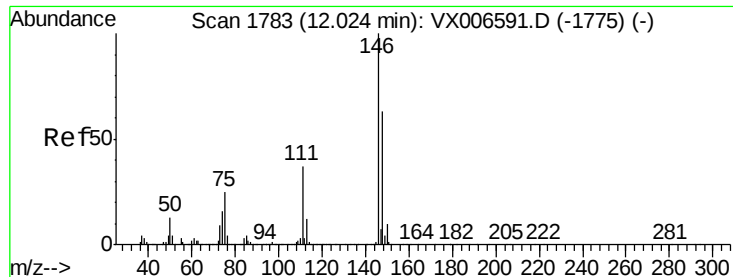


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.675 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006928.D

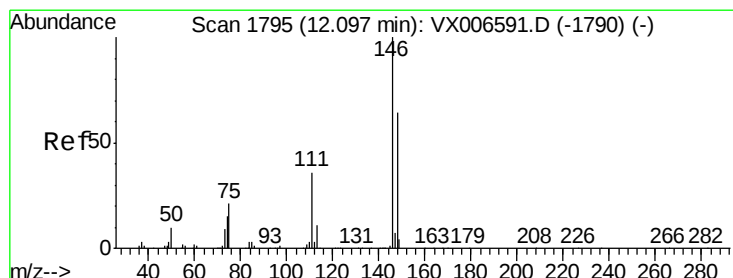
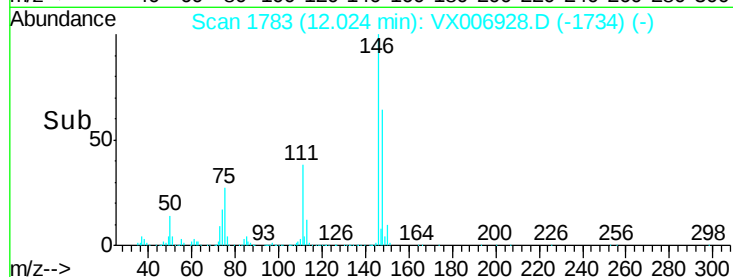
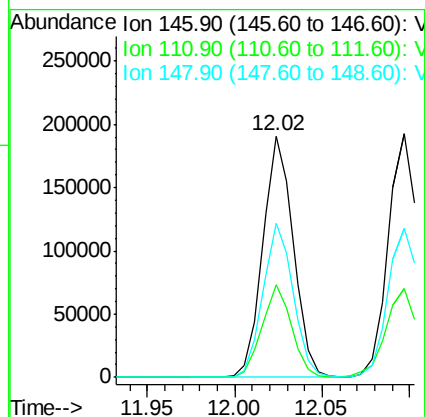
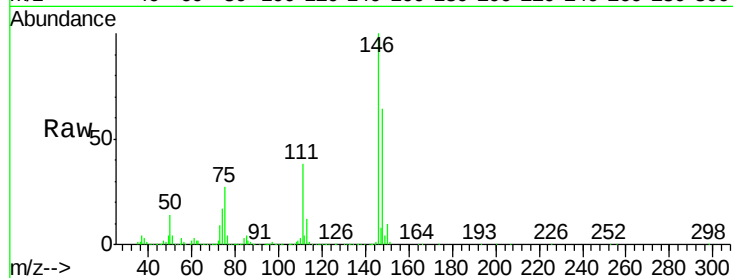
Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	146	Resp:	230952
Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	63.4	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 19.170 ug/l

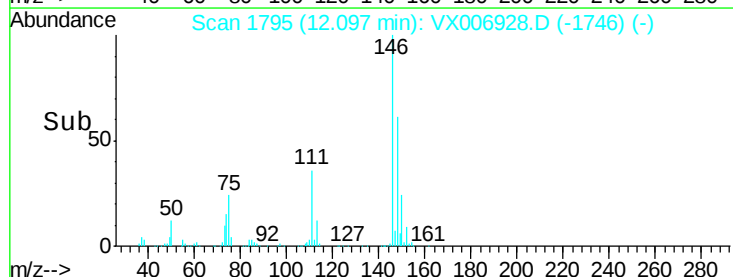
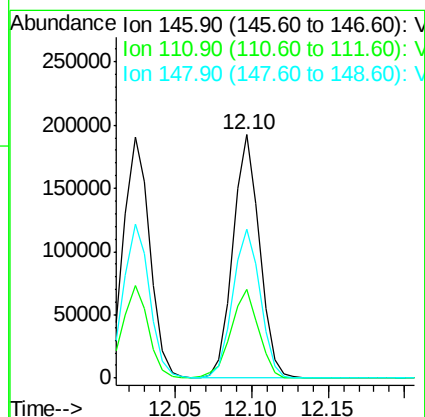
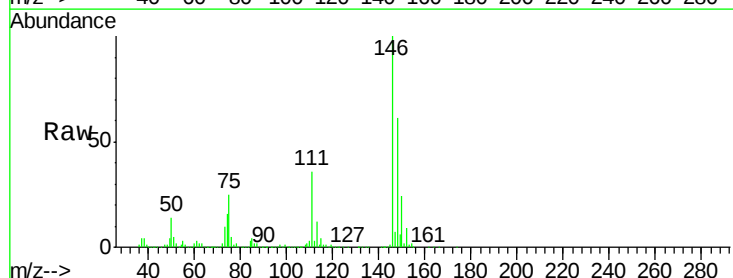
RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Tgt Ion:	146	Resp:	230684
Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.1	54.1
148	63.5	31.9	95.9

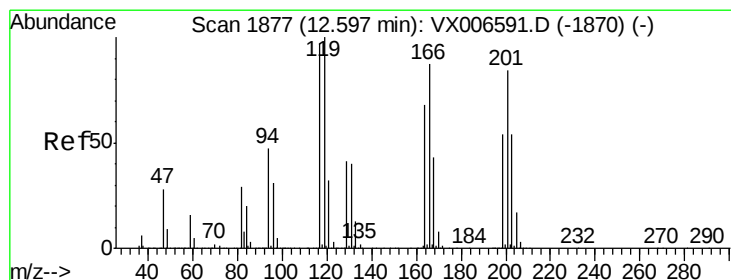
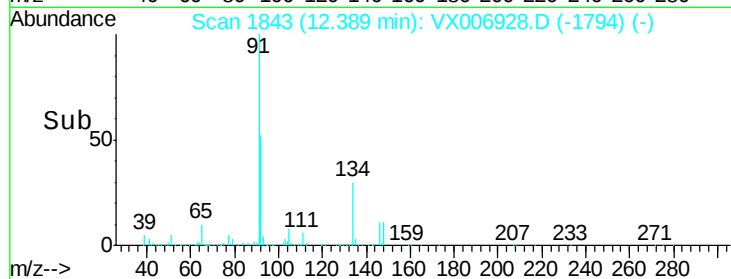
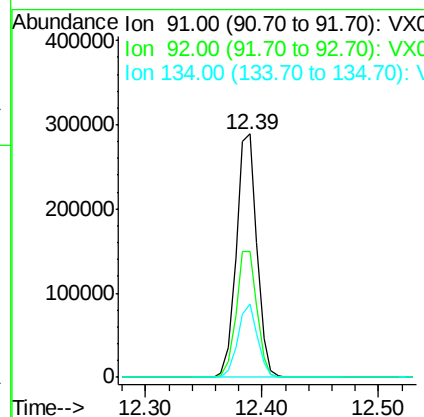
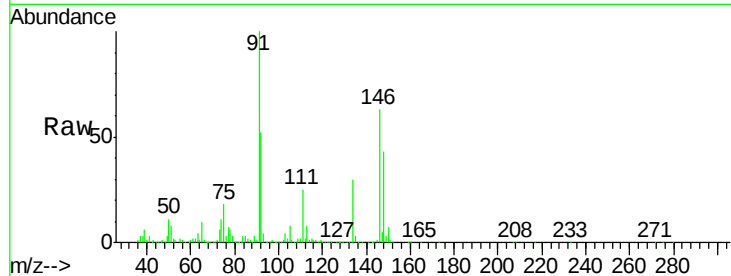




#89
n-Butylbenzene
Concen: 19.511 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

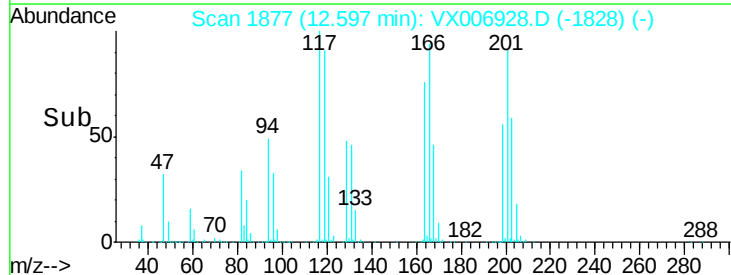
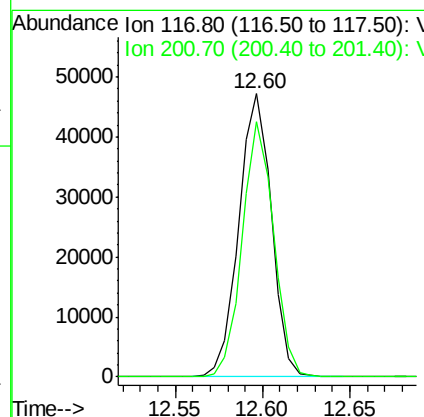
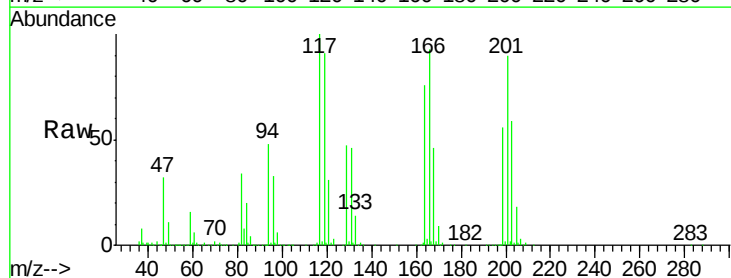
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 355408
Ion Ratio Lower Upper
91 100
92 52.5 26.8 80.4
134 28.9 14.4 43.2



#90
Hexachloroethane
Concen: 20.307 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006928.D
Acq: 07 Jan 2019 11:55

Tgt Ion: 117 Resp: 61013
Ion Ratio Lower Upper
117 100
201 87.1 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.766 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

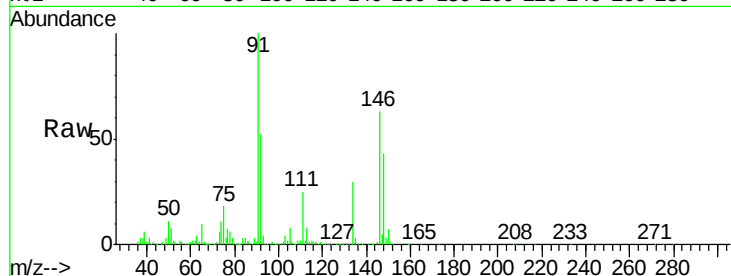
Tot Ion:146 Resp: 232096

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

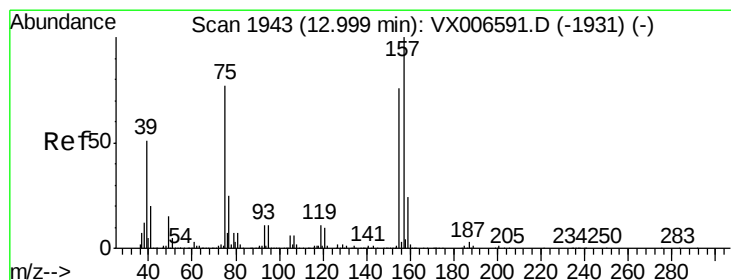
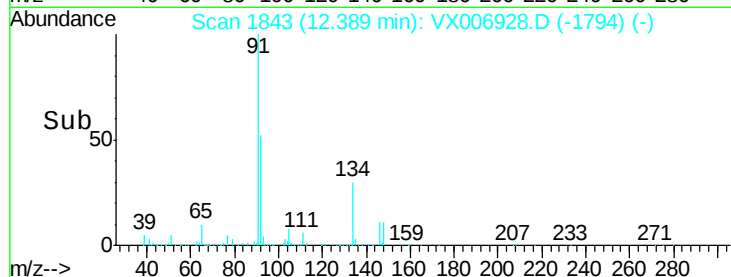
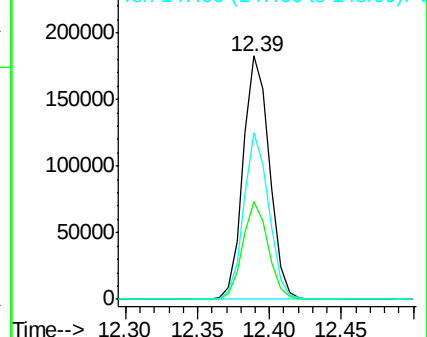
148 65.2 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.730 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

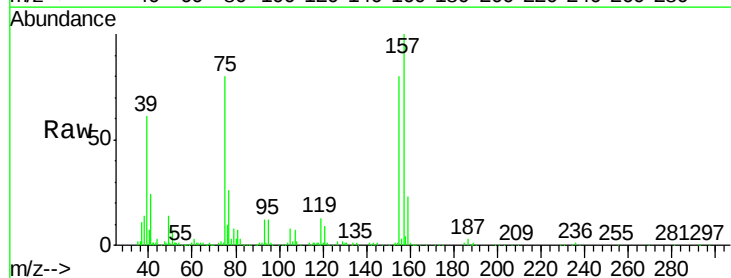
Tgt Ion: 75 Resp: 30732

Ion Ratio Lower Upper

75 100

155 99.3 50.6 151.8

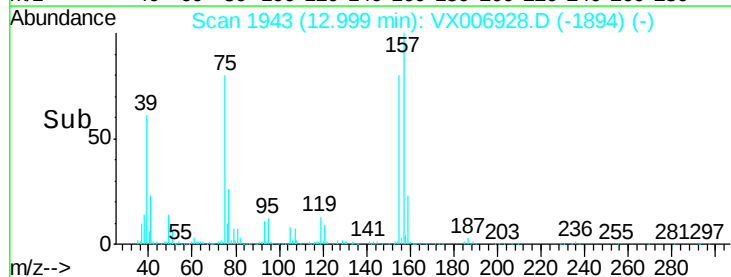
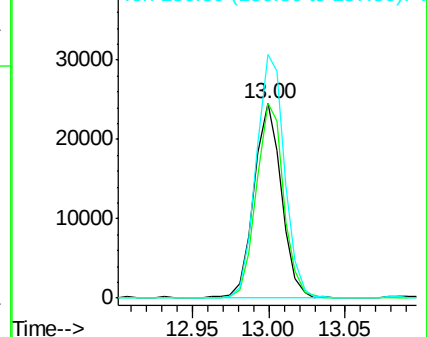
157 128.8 64.6 193.8

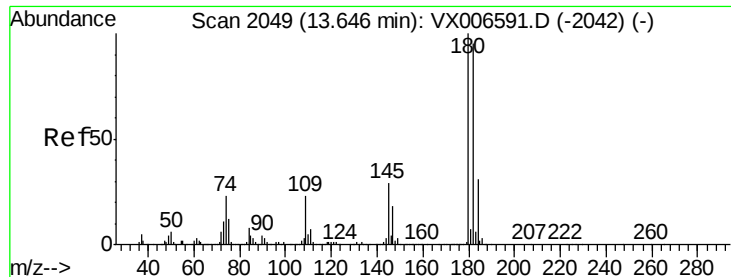


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

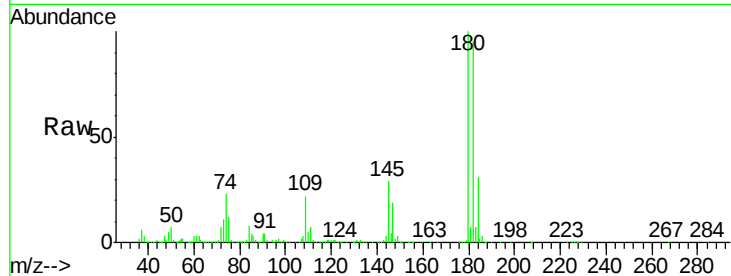




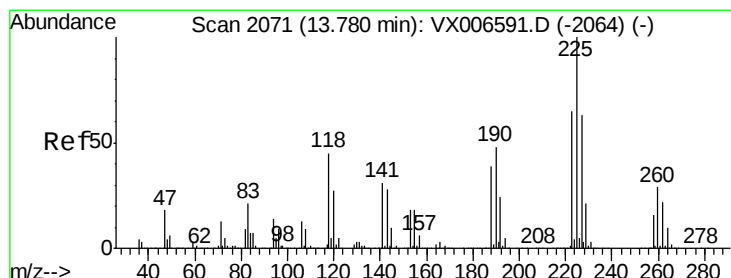
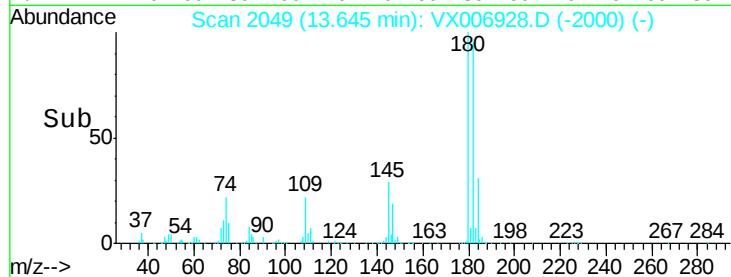
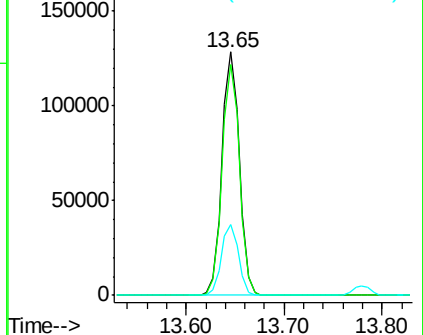
#93
 1,2,4-Trichlorobenzene
 Concen: 19.638 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 159064
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 29.0 14.8 44.3

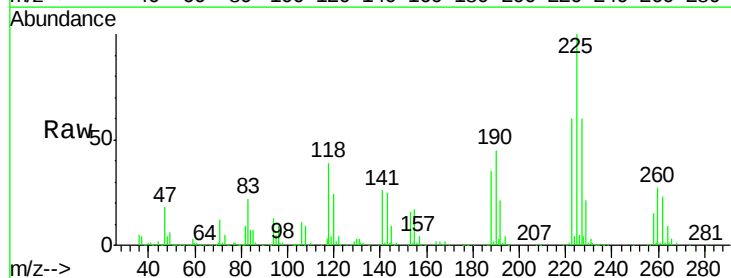


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

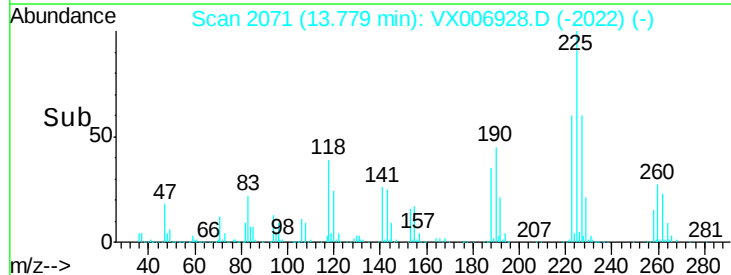
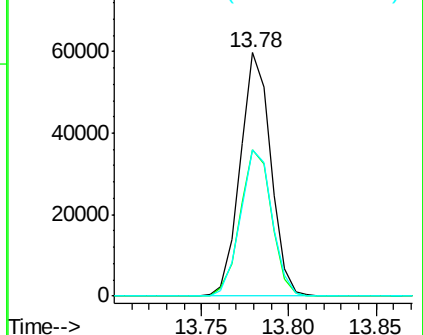


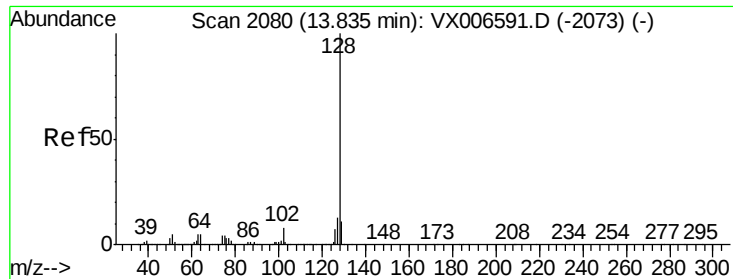
#94
 Hexachlorobutadiene
 Concen: 18.990 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006928.D
 Acq: 07 Jan 2019 11:55

Tgt Ion:225 Resp: 72500
 Ion Ratio Lower Upper
 225 100
 223 61.9 32.1 96.3
 227 62.0 32.3 96.8



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: 19.073 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

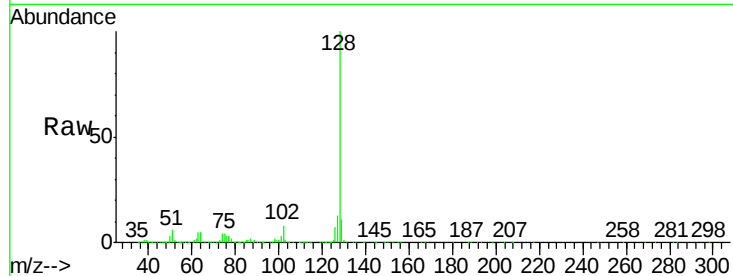
Tot Ion:128 Resp: 493060

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

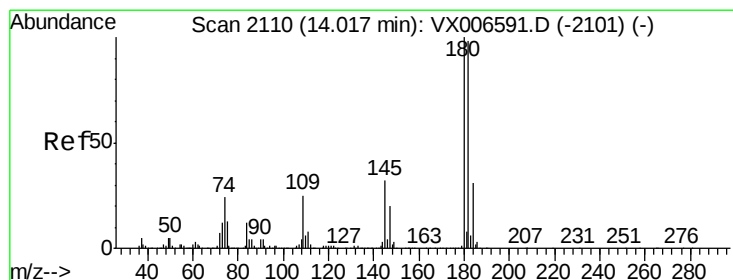
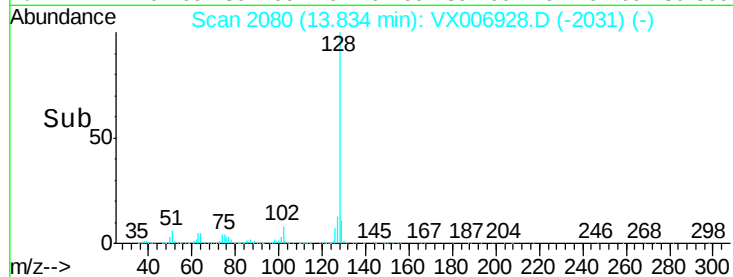
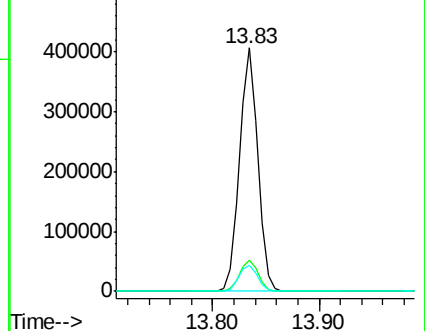
129 11.2 8.6 13.0



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: 19.226 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006928.D

Acq: 07 Jan 2019 11:55

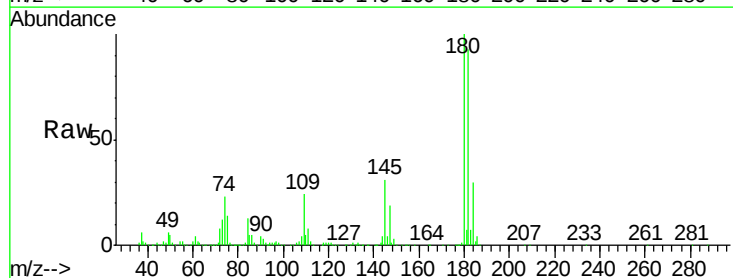
Tgt Ion:180 Resp: 160789

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.5

145 30.9 16.0 47.9



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

