

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
 Data File : VX007232.D
 Acq On : 25 Jan 2019 16:42
 Operator : JC/SP
 Sample : VX0126WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 00:14:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	476974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	713986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	640743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	324231	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248667	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
35) Dibromofluoromethane	5.51	113	223780	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	8.71	98	817323	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.13	95	288832	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65990	16.848	ug/l	96
3) Chloromethane	1.33	50	77907	17.086	ug/l	99
4) Vinyl Chloride	1.41	62	85415	17.414	ug/l	100
5) Bromomethane	1.64	94	87071	16.615	ug/l	96
6) Chloroethane	1.73	64	56723	16.562	ug/l	100
7) Trichlorofluoromethane	1.93	101	142632	17.997	ug/l	98
8) Diethyl Ether	2.19	74	57108	18.112	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	85036	17.922	ug/l	98
10) Methyl Iodide	2.51	142	121979	19.058	ug/l	99
11) Tert butyl alcohol	3.07	59	115795	98.475	ug/l	98
12) 1,1-Dichloroethene	2.38	96	77576	17.696	ug/l	99
13) Acrolein	2.30	56	48148	96.854	ug/l	97
14) Allyl chloride	2.73	41	137486	18.300	ug/l	99
15) Acrylonitrile	3.15	53	264537	97.999	ug/l	98
16) Acetone	2.45	43	237029	96.184	ug/l	98
17) Carbon Disulfide	2.57	76	160296	14.203	ug/l	96
18) Methyl Acetate	2.78	43	150866	21.140	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	295033	19.390	ug/l	99
20) Methylene Chloride	2.86	84	93717	19.651	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	83625	17.118	ug/l	98
22) Diisopropyl ether	3.87	45	271014	19.188	ug/l	93
23) Vinyl Acetate	3.82	43	1092310	91.704	ug/l	99
24) 1,1-Dichloroethane	3.70	63	151410	19.171	ug/l	99
25) 2-Butanone	4.70	43	349163	99.023	ug/l	95
26) 2,2-Dichloropropane	4.59	77	105888	17.436	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	98156	18.216	ug/l	98
28) Bromochloromethane	5.02	49	71385	20.630	ug/l	94
29) Tetrahydrofuran	5.15	42	219414	95.751	ug/l	98
30) Chloroform	5.22	83	157234	19.015	ug/l	98
31) Cyclohexane	5.57	56	118795	16.900	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	128459	18.328	ug/l	98
36) 1,1-Dichloropropene	5.80	75	106610	17.174	ug/l	99
37) Ethyl Acetate	4.85	43	127532	19.163	ug/l	98
38) Carbon Tetrachloride	5.78	117	109894	17.596	ug/l	96

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 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 00:14:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	129038	16.306	ug/l	93
40) Benzene	6.14	78	344301	18.178	ug/l	98
41) Methacrylonitrile	5.06	41	68736	17.929	ug/l	98
42) 1,2-Dichloroethane	6.20	62	120996	18.486	ug/l	99
43) Isopropyl Acetate	6.46	43	196281	18.698	ug/l	97
44) Trichloroethene	7.21	130	98801	17.407	ug/l	98
45) 1,2-Dichloropropane	7.52	63	89815	18.861	ug/l	99
46) Dibromomethane	7.66	93	62791	18.762	ug/l	98
47) Bromodichloromethane	7.90	83	104841	18.405	ug/l	98
48) Methyl methacrylate	7.77	41	100747	18.689	ug/l	96
49) 1,4-Dioxane	7.75	88	49409	396.160	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	687454	101.902	ug/l	99
52) Toluene	8.79	92	220745	18.132	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	111790	17.698	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	127621	18.295	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	99514	20.422	ug/l	100
56) Ethyl methacrylate	9.18	69	136690	19.215	ug/l	96
57) 1,3-Dichloropropane	9.37	76	154602	19.366	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	338151	92.453	ug/l	99
59) 2-Hexanone	9.49	43	522206	101.576	ug/l	98
60) Dibromochloromethane	9.58	129	92255	19.497	ug/l	97
61) 1,2-Dibromoethane	9.67	107	101251	18.874	ug/l	100
64) Tetrachloroethene	9.34	164	108078	19.483	ug/l	94
65) Chlorobenzene	10.14	112	260915	18.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	92300	19.633	ug/l	99
67) Ethyl Benzene	10.25	91	421860	18.285	ug/l	99
68) m/p-Xylenes	10.36	106	330318	36.340	ug/l	99
69) o-Xylene	10.69	106	160834	18.143	ug/l	96
70) Styrene	10.71	104	263508	18.769	ug/l	100
71) Bromoform	10.86	173	65763	18.885	ug/l #	100
73) Isopropylbenzene	11.02	105	431253	18.863	ug/l	99
74) N-amyl acetate	10.90	43	176391	19.162	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	145085	19.989	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151961	23.128	ug/l	96
77) Bromobenzene	11.26	156	118625	18.831	ug/l	99
78) n-propylbenzene	11.36	91	473198	18.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	284444	18.827	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	355021	18.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33270	17.908	ug/l	92
82) 4-Chlorotoluene	11.51	91	324620	18.557	ug/l	99
83) tert-Butylbenzene	11.77	119	362202	19.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	364338	18.966	ug/l	100
85) sec-Butylbenzene	11.94	105	428257	18.814	ug/l	100
86) p-Isopropyltoluene	12.06	119	378399	18.585	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	208375	18.300	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	211907	19.730	ug/l	99
89) n-Butylbenzene	12.39	91	311844	17.967	ug/l	100
90) Hexachloroethane	12.60	117	55586	19.014	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	210458	18.730	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	26597	18.528	ug/l	98

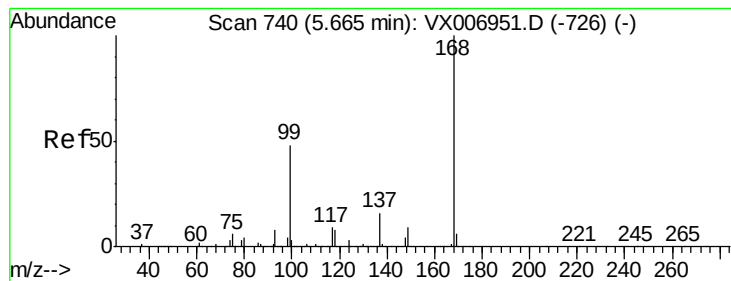
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012619\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	144171	18.701	ug/l	98
94) Hexachlorobutadiene	13.78	225	70083	20.486	ug/l	95
95) Naphthalene	13.83	128	435626	18.648	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	143957	18.798	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

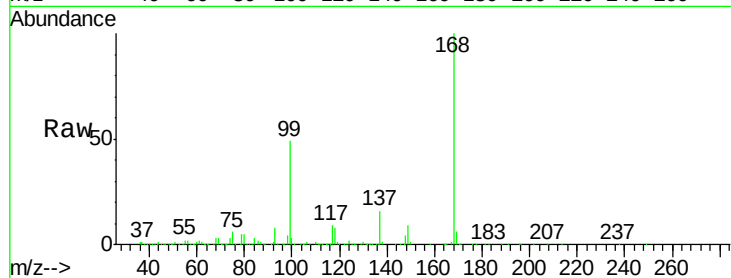
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 476974

Ion Ratio Lower Upper

168 100

99 49.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

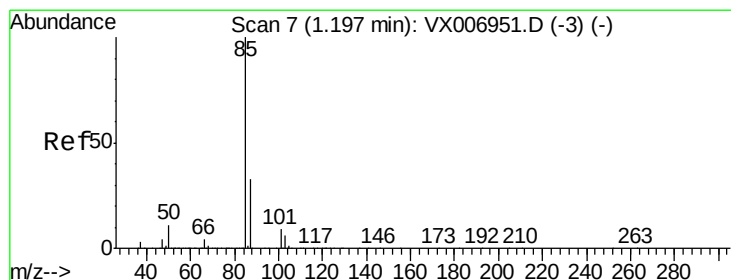
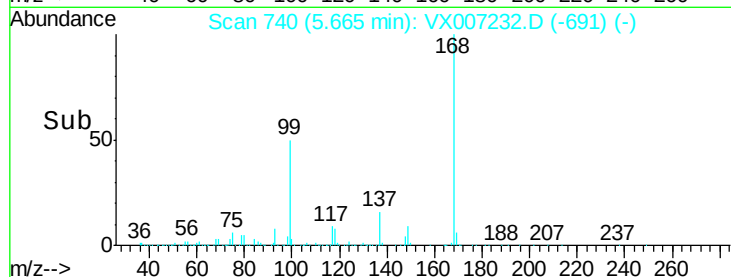
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.848 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007232.D

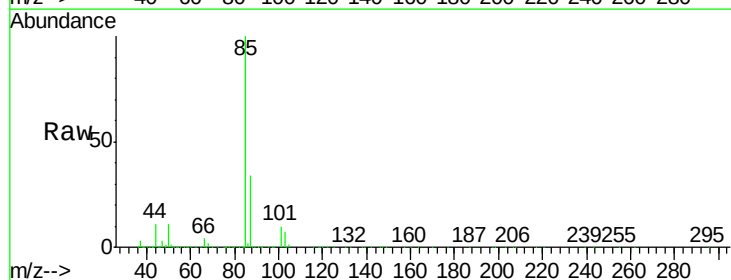
Acq: 25 Jan 2019 16:42

Tgt Ion: 85 Resp: 65990

Ion Ratio Lower Upper

85 100

87 33.9 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

60000

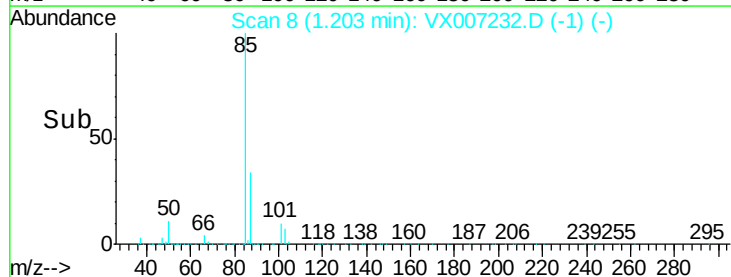
40000

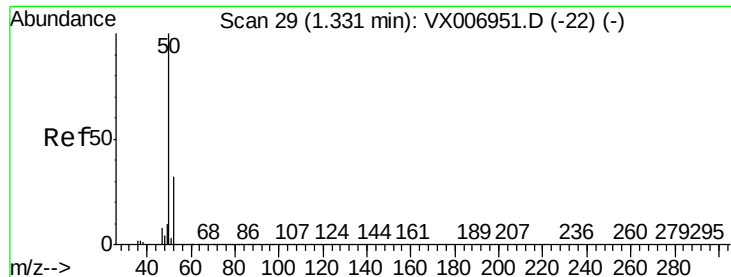
20000

0

Time-->

1.15 1.20 1.25

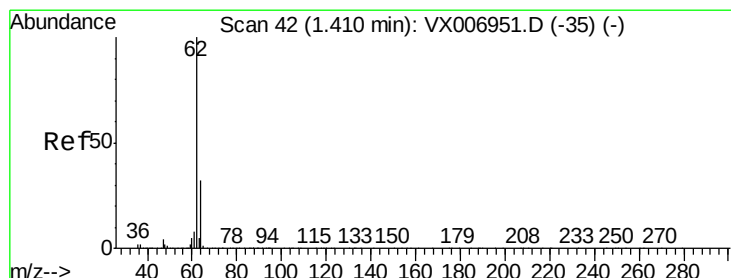
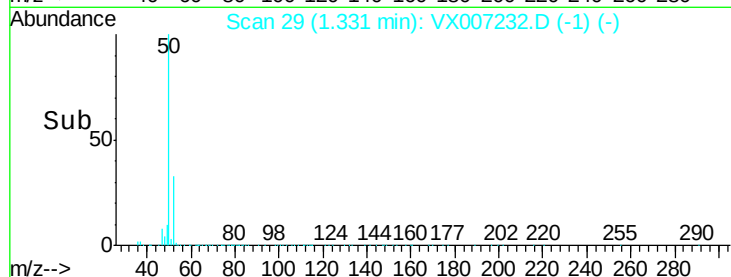
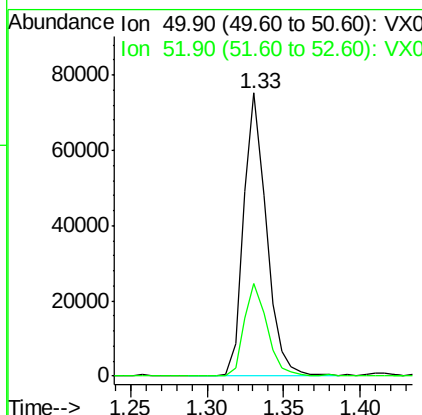
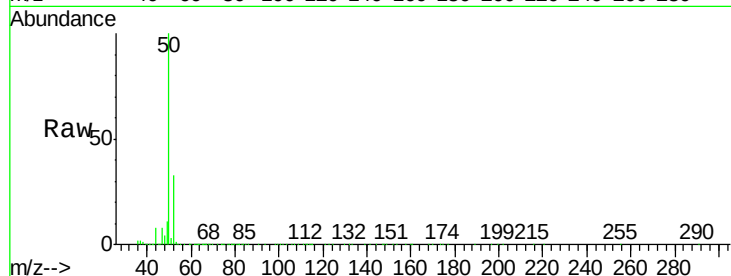




#3
Chloromethane
Concen: 17.086 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

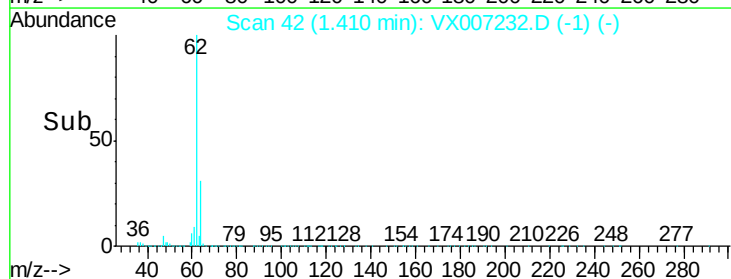
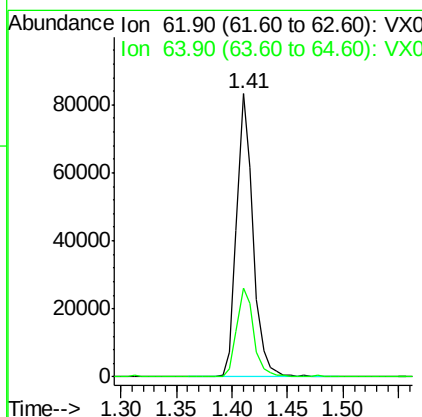
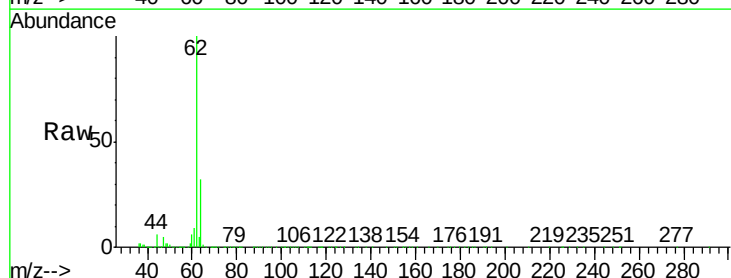
Instrument :
MSVOA_X
ClientSampleId :

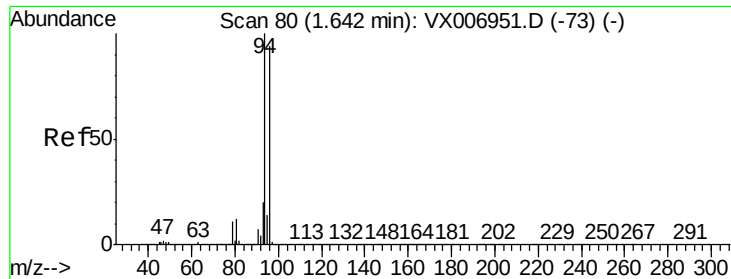
Tot Ion: 50 Resp: 77907
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 17.414 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 62 Resp: 85415
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7





#5

Bromomethane

Concen: 16.615 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

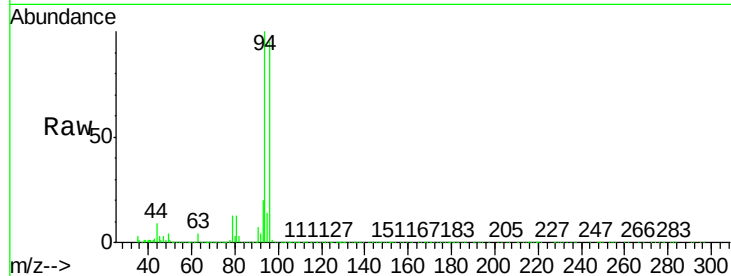
ClientSampleId :

Tot Ion: 94 Resp: 87071

Ion Ratio Lower Upper

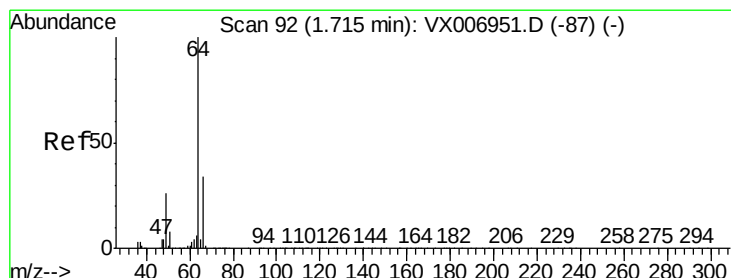
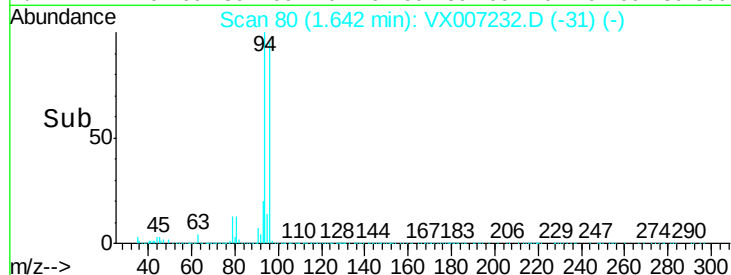
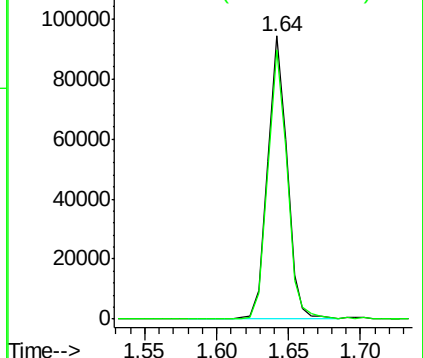
94 100

96 95.3 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.562 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007232.D

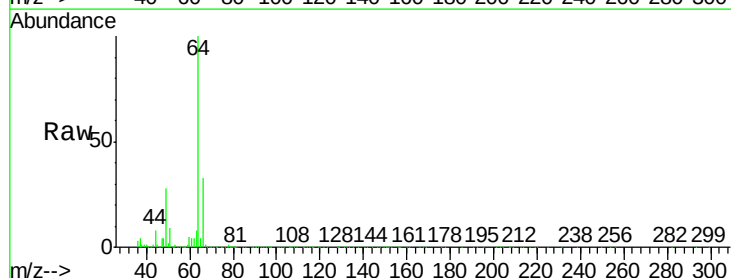
Acq: 25 Jan 2019 16:42

Tgt Ion: 64 Resp: 56723

Ion Ratio Lower Upper

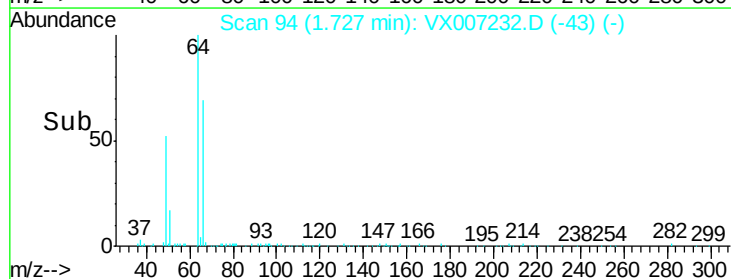
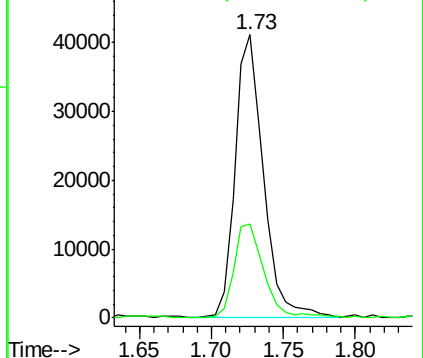
64 100

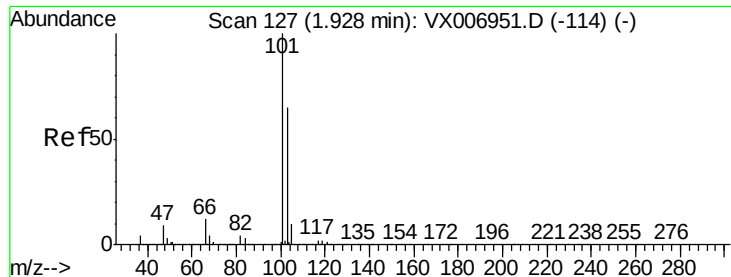
66 32.7 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



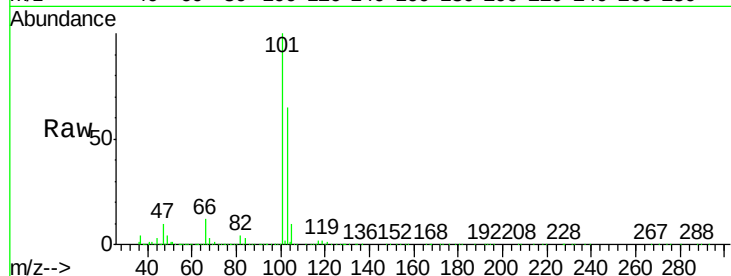


#7

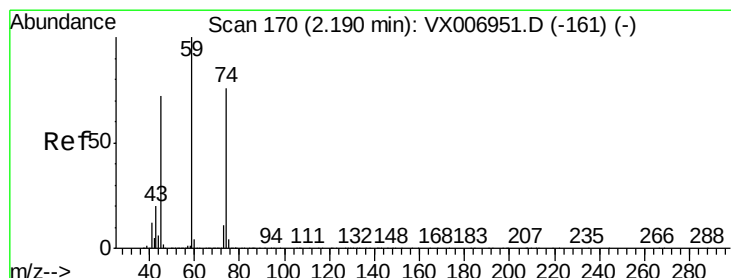
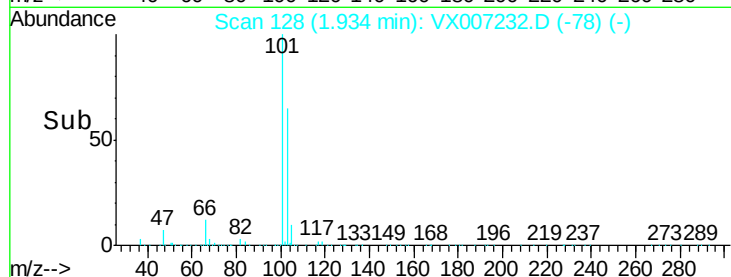
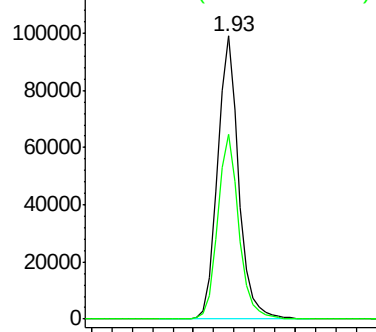
Trichlorofluoromethane
Concen: 17.997 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 142632
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8



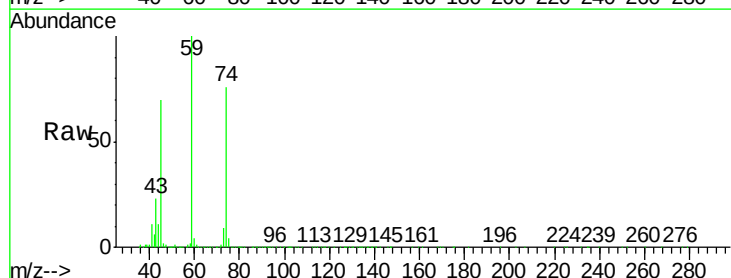
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



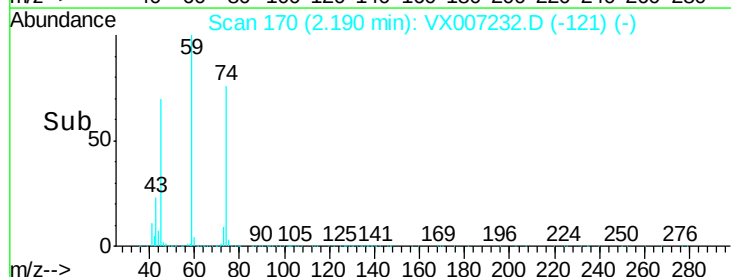
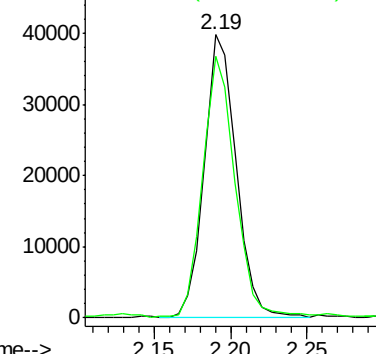
#8

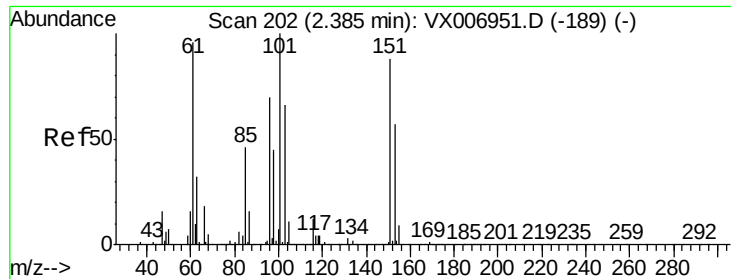
Diethyl Ether
Concen: 18.112 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 74 Resp: 57108
Ion Ratio Lower Upper
74 100
45 94.2 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.922 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampled :

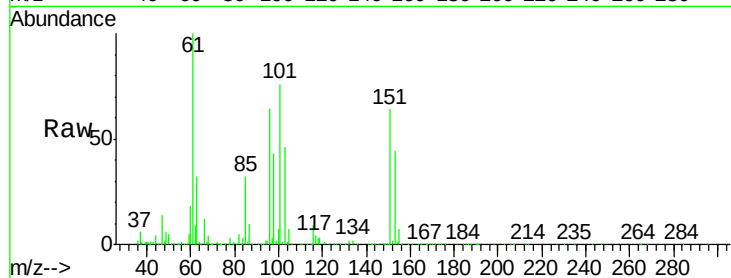
Tot Ion:101 Resp: 85036

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

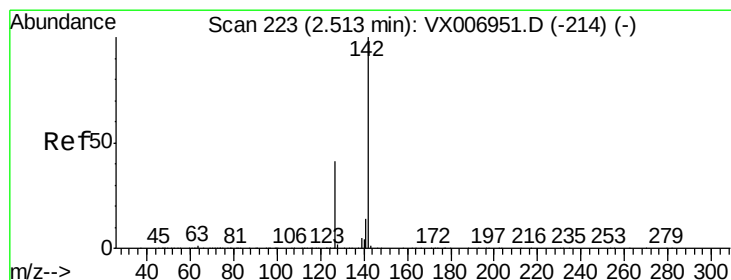
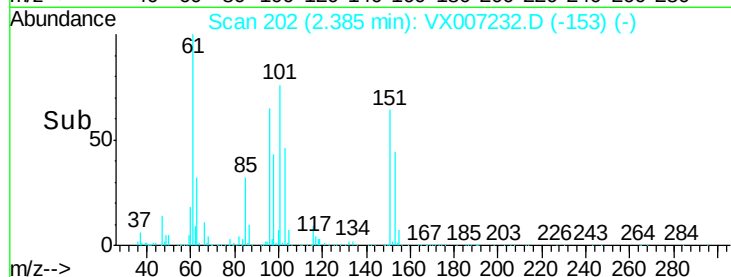
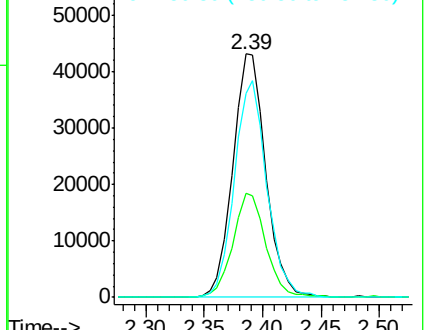
151 88.1 68.9 103.3



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: 19.058 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

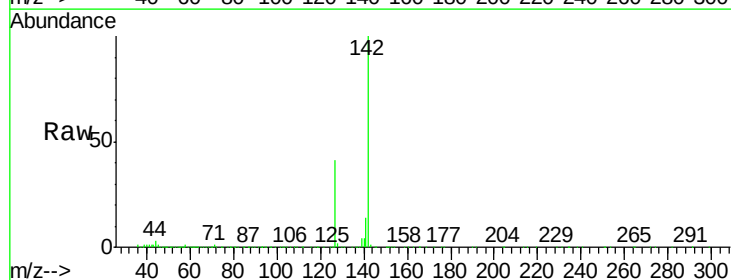
Tgt Ion:142 Resp: 121979

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

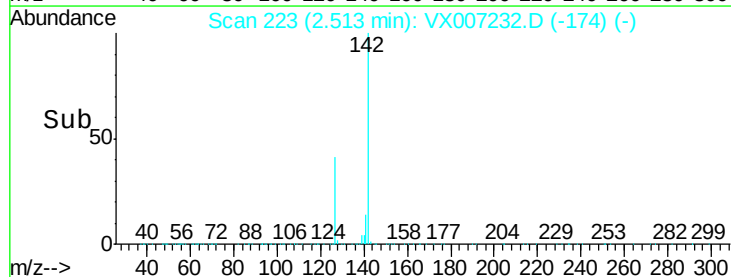
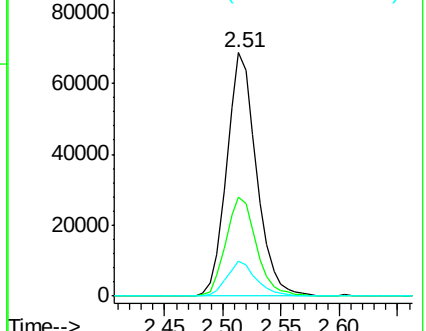
141 14.1 11.4 17.0

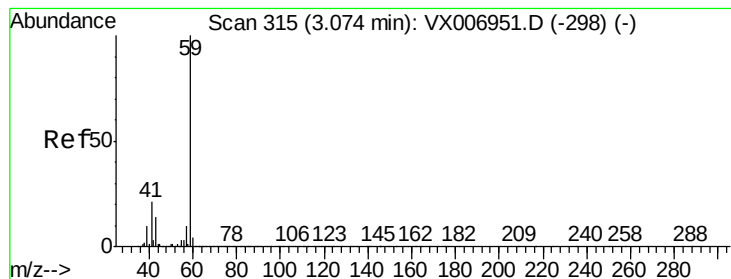


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



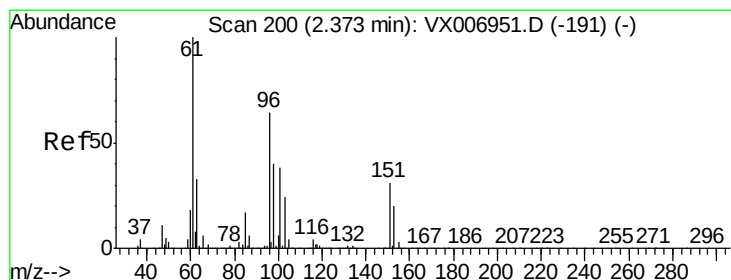
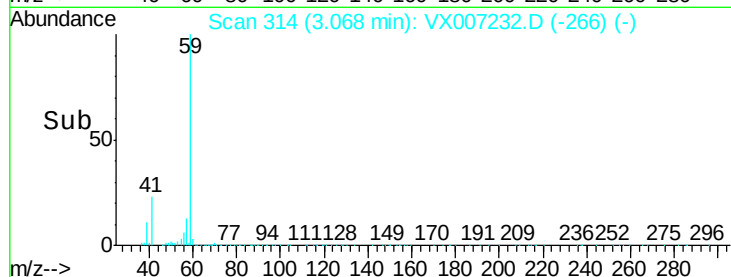
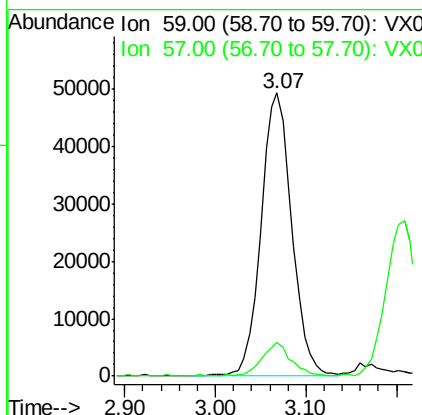
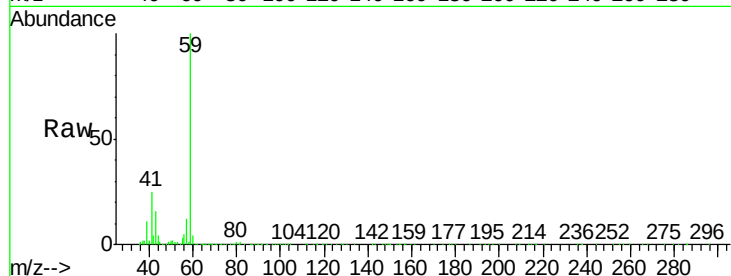


#11

Tert butyl alcohol
Concen: 98.475 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampled :

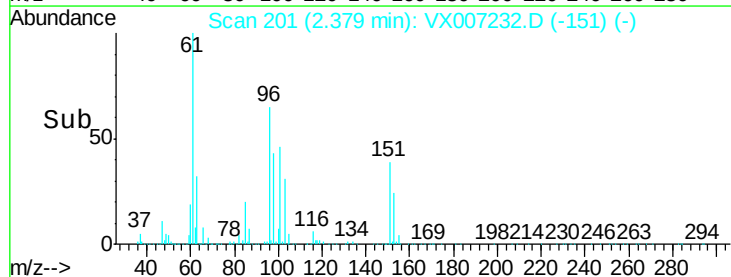
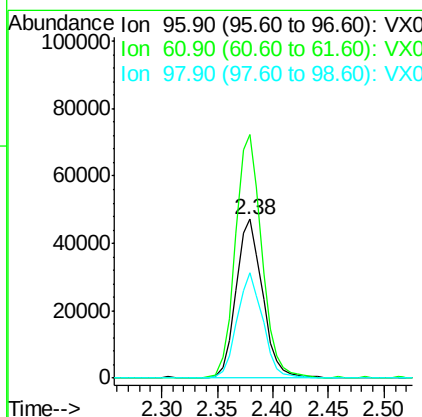
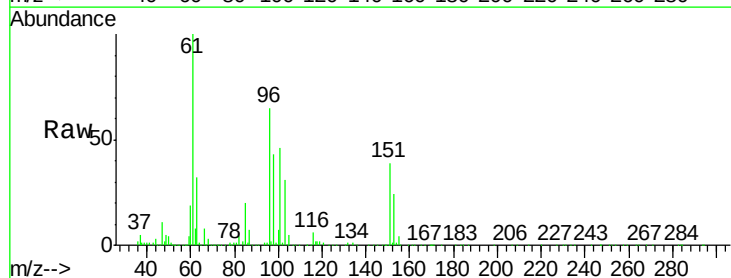
Tot Ion: 59 Resp: 115795
Ion Ratio Lower Upper
59 100
57 11.3 8.5 12.7

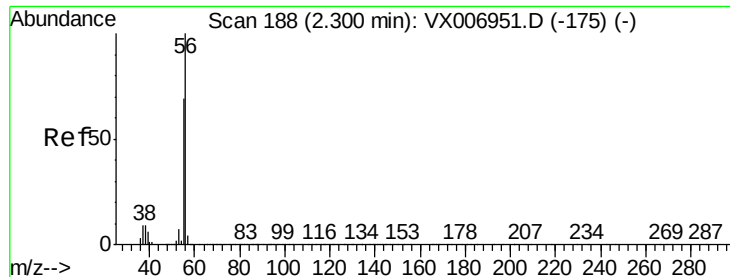


#12

1,1-Dichloroethene
Concen: 17.696 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 96 Resp: 77576
Ion Ratio Lower Upper
96 100
61 153.5 121.4 182.2
98 65.9 51.9 77.9





#13

Acrolein

Concen: 96.854 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

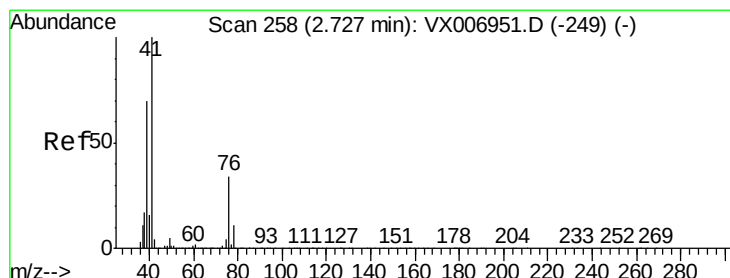
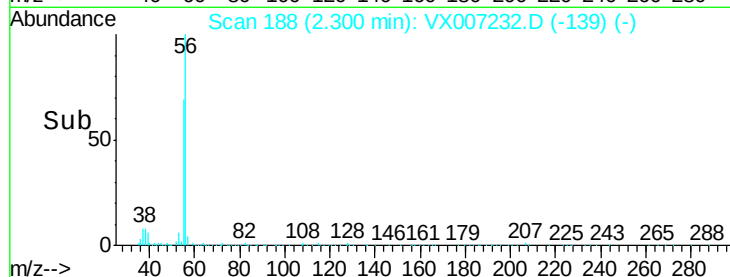
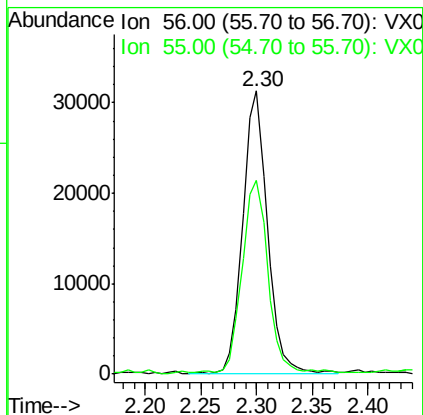
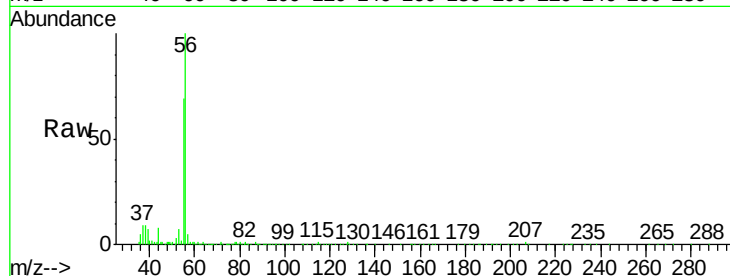
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 48148

Ion Ratio Lower Upper

56 100

55 69.9 58.2 87.4



#14

Allyl chloride

Concen: 18.300 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

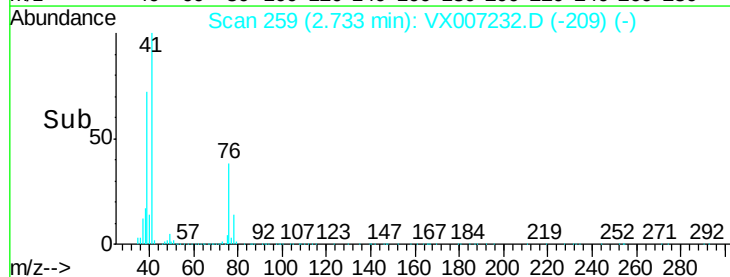
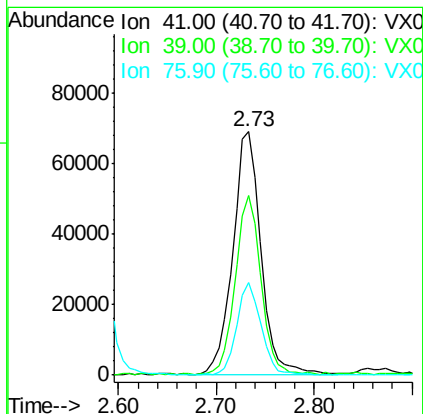
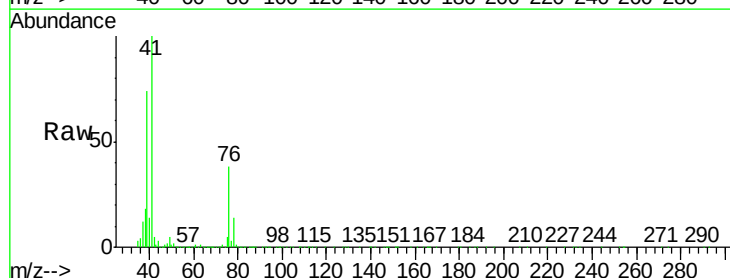
Tgt Ion: 41 Resp: 137486

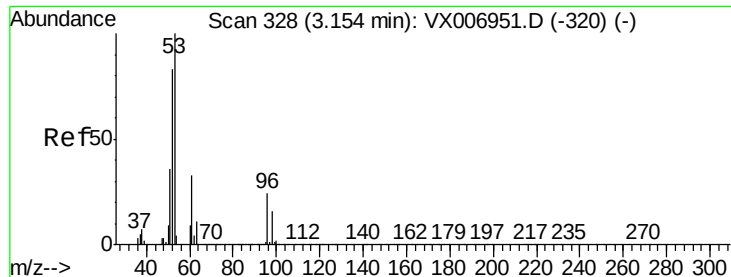
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 33.1 27.4 41.2





#15

Acrylonitrile

Concen: 97.999 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

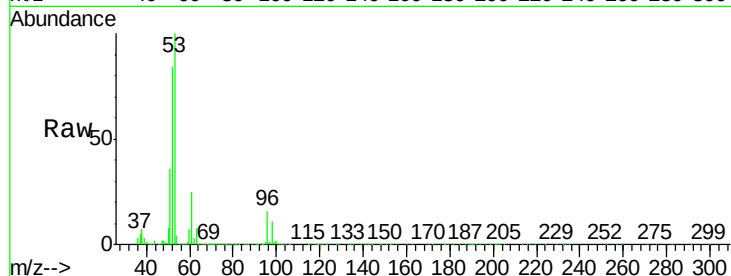
Tot Ion: 53 Resp: 264537

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

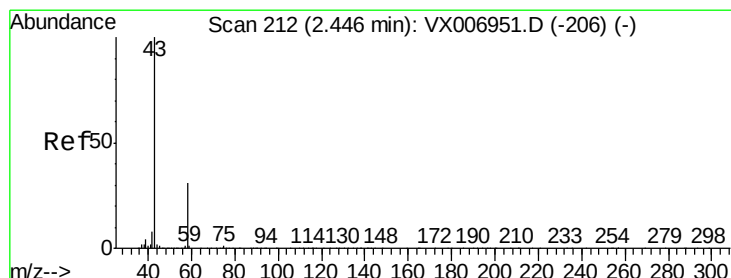
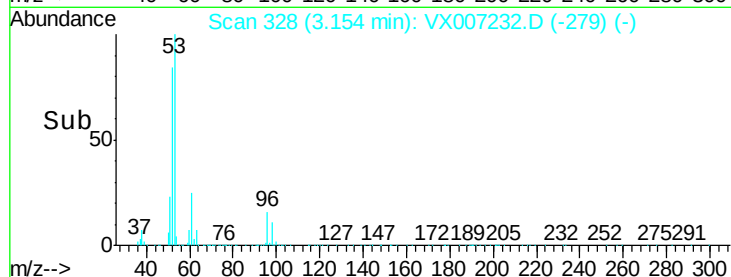
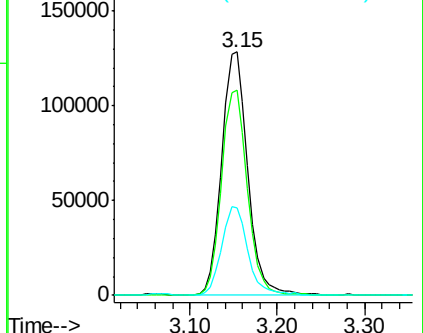
51 36.9 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.184 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007232.D

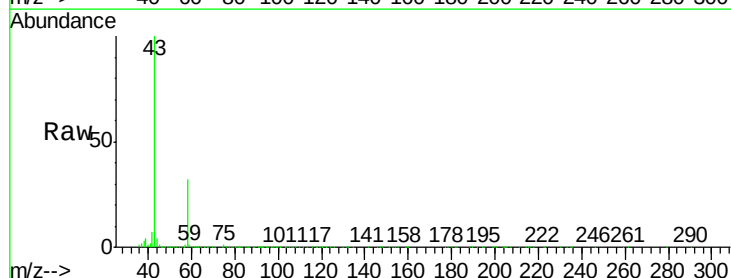
Acq: 25 Jan 2019 16:42

Tgt Ion: 43 Resp: 237029

Ion Ratio Lower Upper

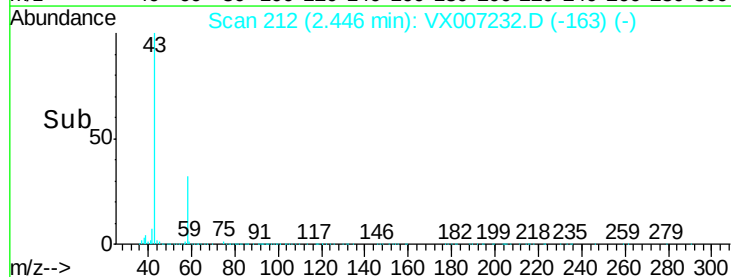
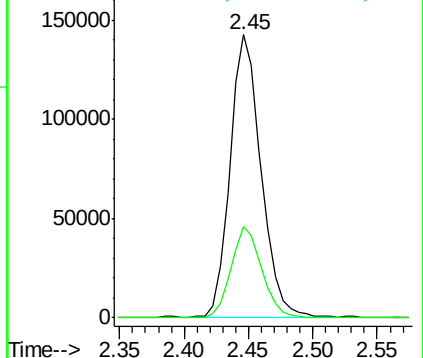
43 100

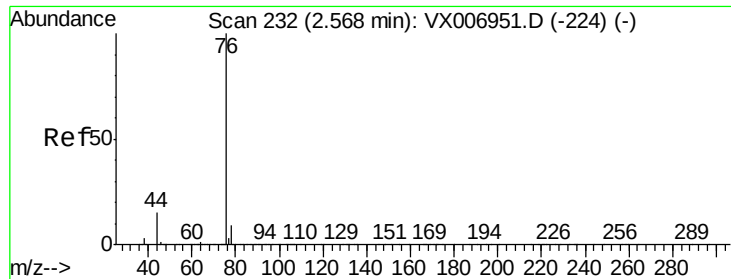
58 32.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 14.203 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

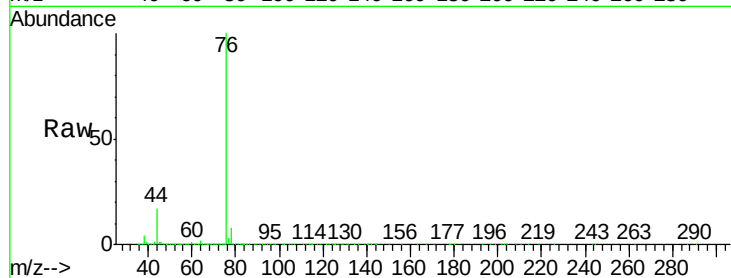
ClientSampled :

Tot Ion: 76 Resp: 160296

Ion Ratio Lower Upper

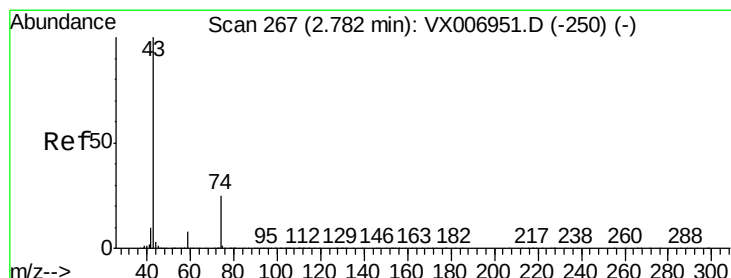
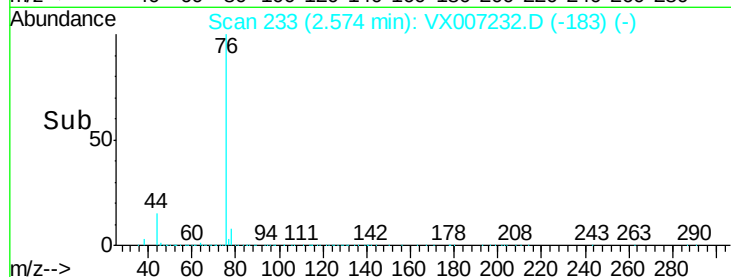
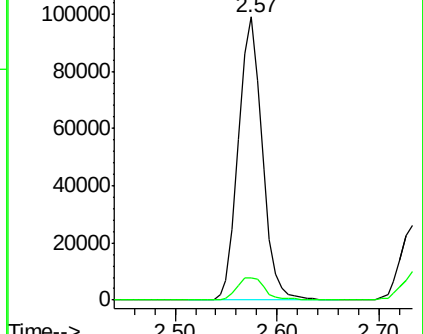
76 100

78 7.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.140 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007232.D

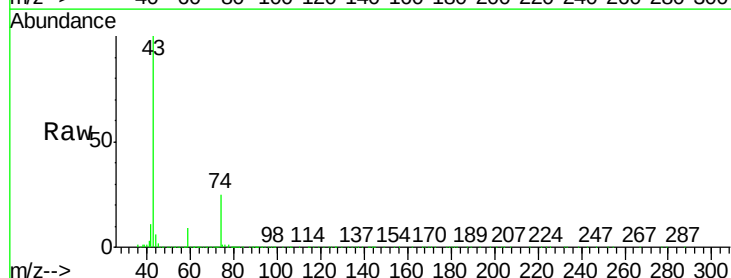
Acq: 25 Jan 2019 16:42

Tgt Ion: 43 Resp: 150866

Ion Ratio Lower Upper

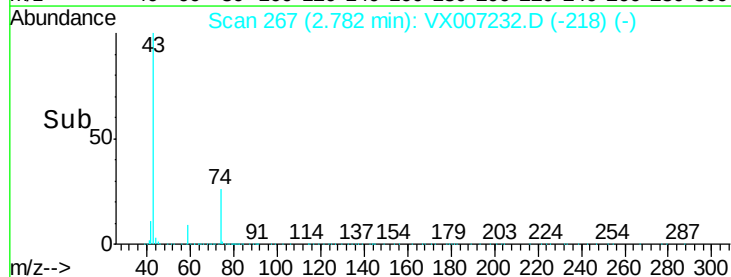
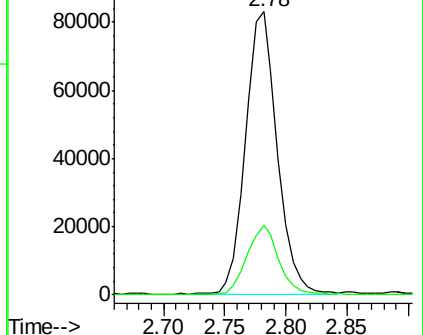
43 100

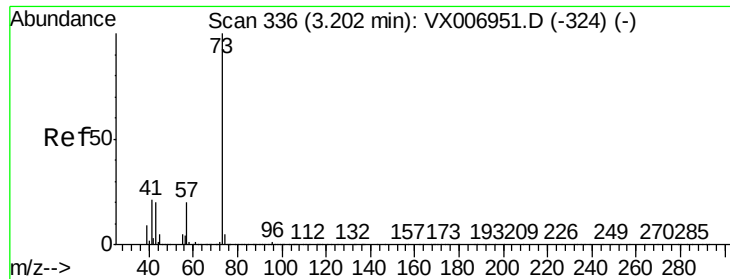
74 25.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



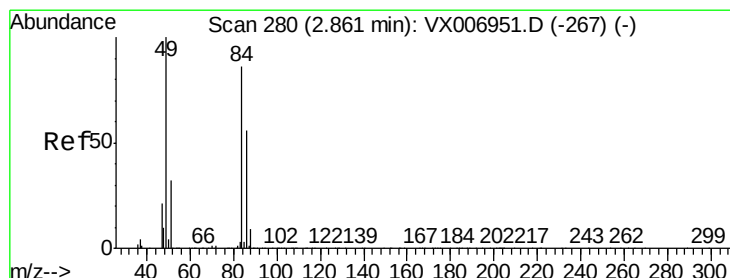
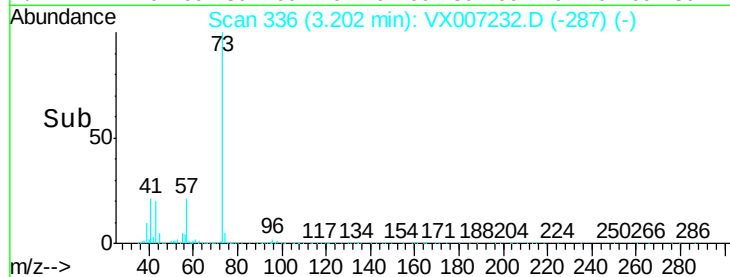
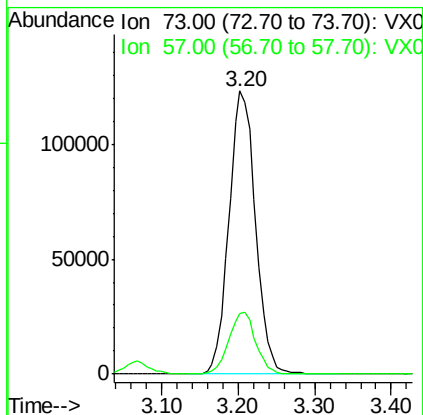
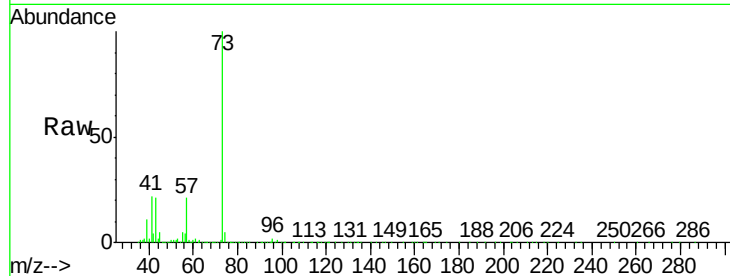


#19

Methyl tert-butyl Ether
Concen: 19.390 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampled :

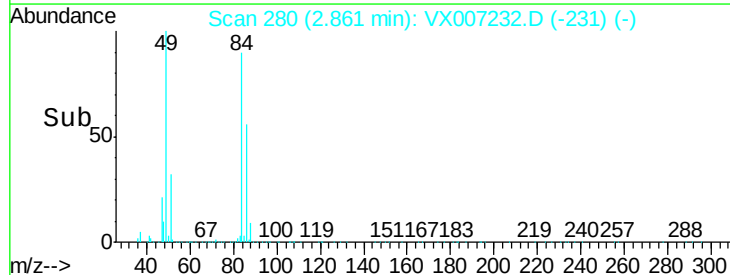
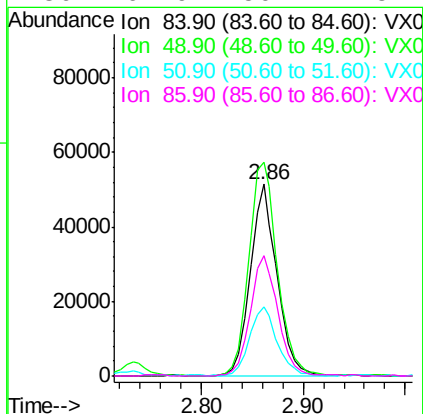
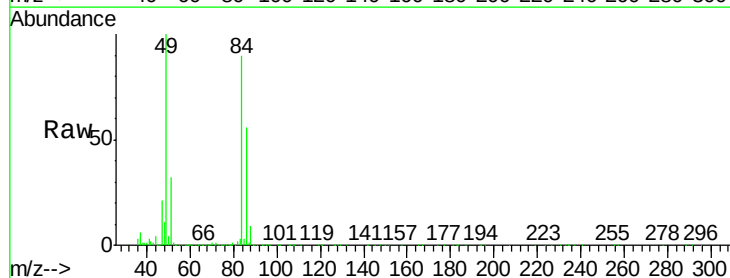
Tot Ion: 73 Resp: 295033
Ion Ratio Lower Upper
73 100
57 21.3 16.8 25.2

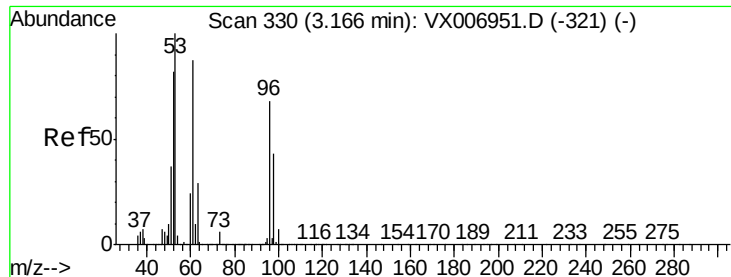


#20

Methylene Chloride
Concen: 19.651 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 84 Resp: 93717
Ion Ratio Lower Upper
84 100
49 111.3 91.8 137.6
51 35.6 28.5 42.7
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 17.118 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

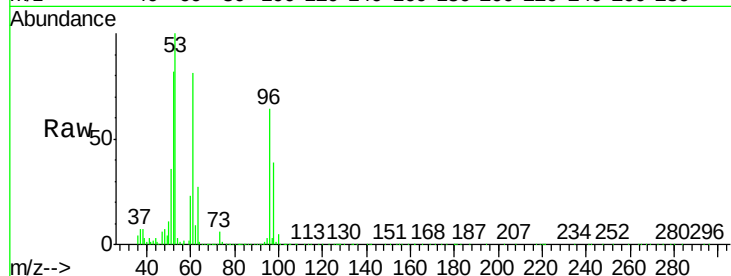
Tot Ion: 96 Resp: 83625

Ion Ratio Lower Upper

96 100

61 127.4 103.7 155.5

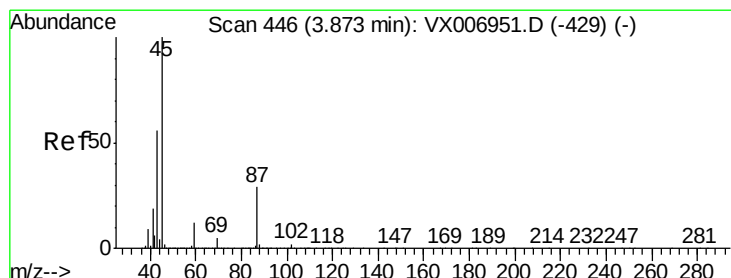
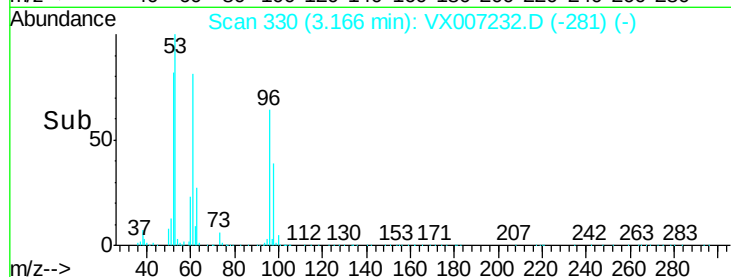
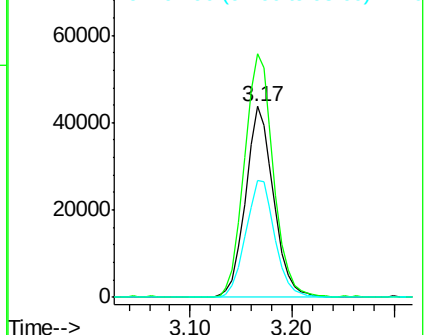
98 61.2 51.0 76.6



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: 19.188 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion: 45 Resp: 271014

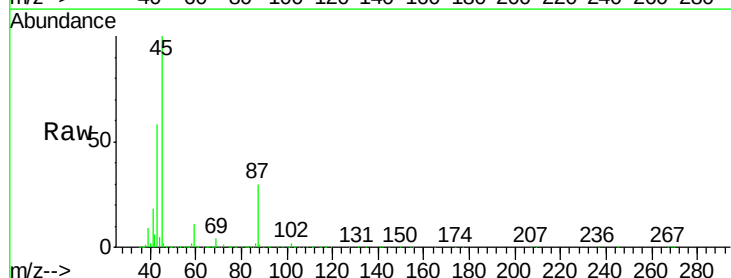
Ion Ratio Lower Upper

45 100

43 57.0 51.2 76.8

87 30.0 25.8 38.6

59 10.9 9.0 13.4

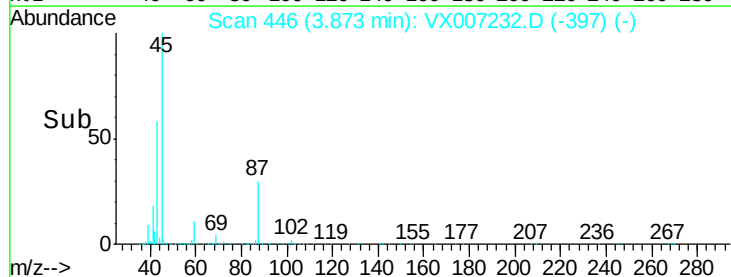
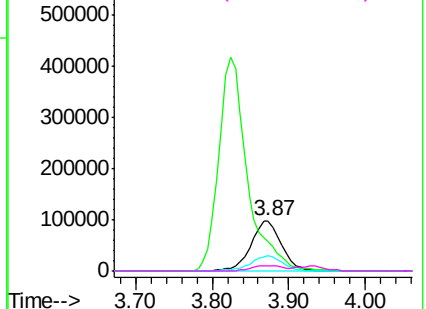


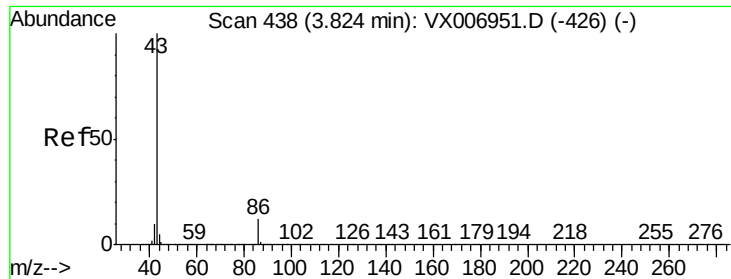
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 91.704 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

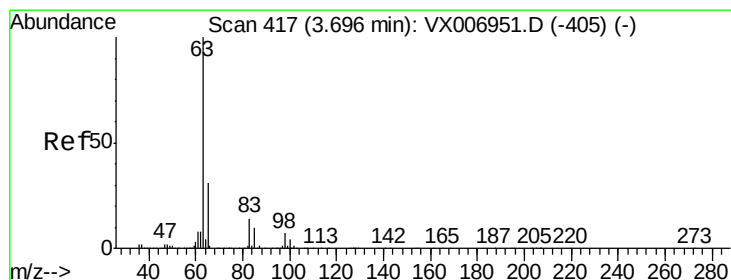
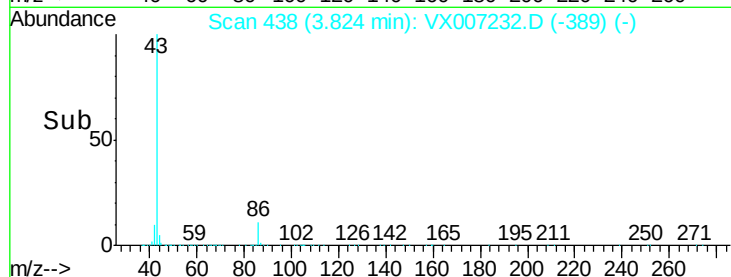
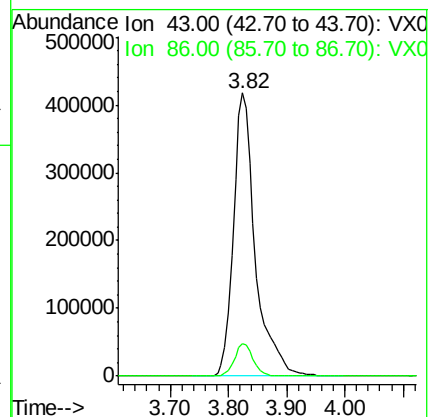
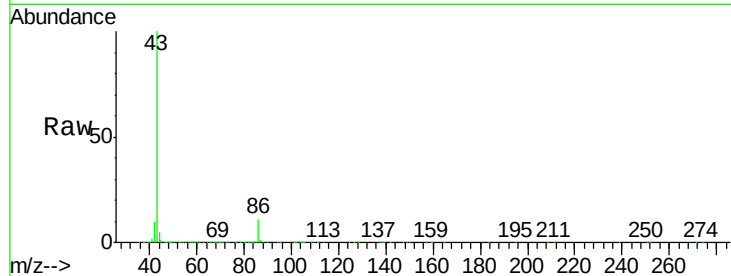
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1092310

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.171 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

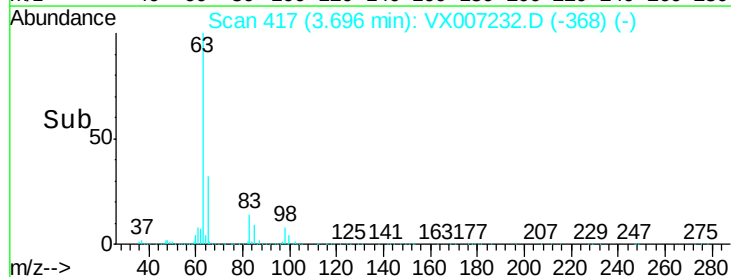
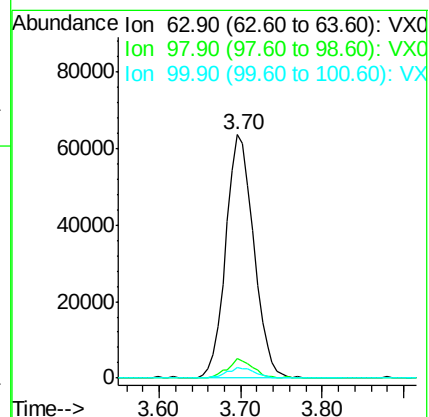
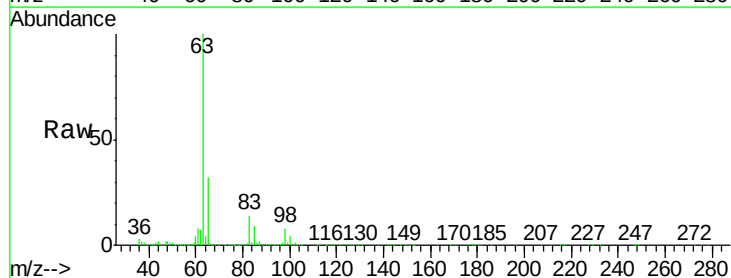
Tgt Ion: 63 Resp: 151410

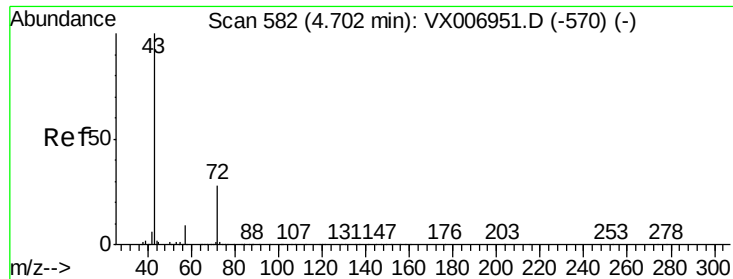
Ion Ratio Lower Upper

63 100

98 7.9 3.9 11.5

100 4.2 2.4 7.2





#25

2-Butanone

Concen: 99.023 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

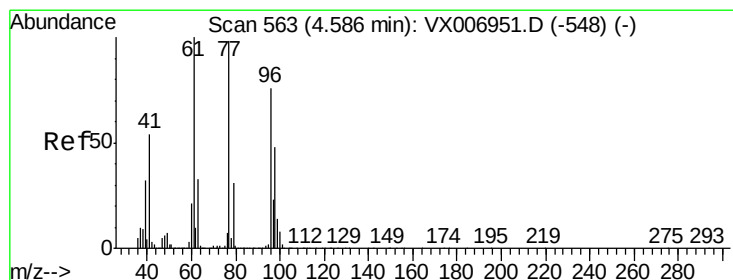
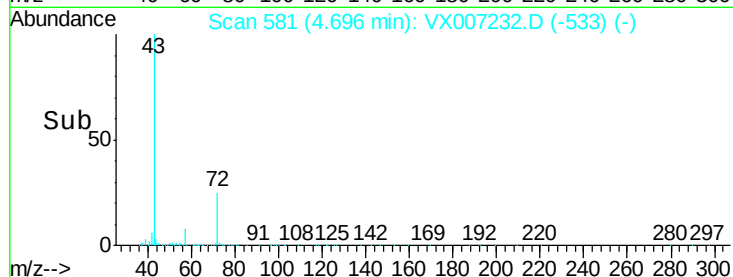
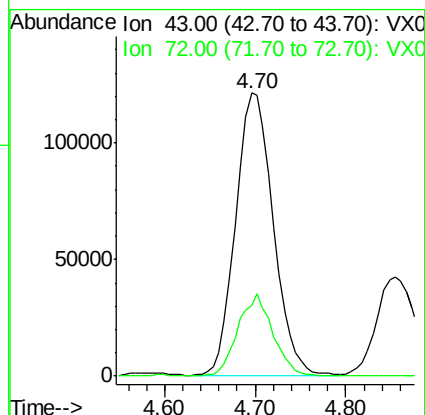
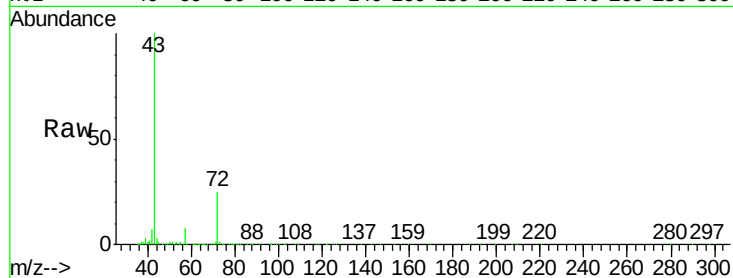
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 349163

Ion Ratio Lower Upper

43 100

72 25.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 17.436 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007232.D

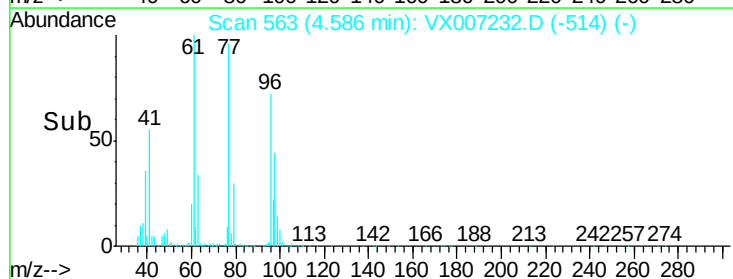
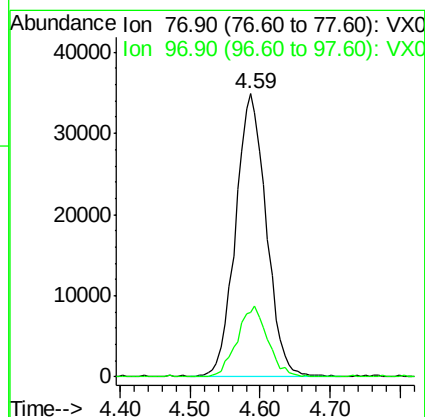
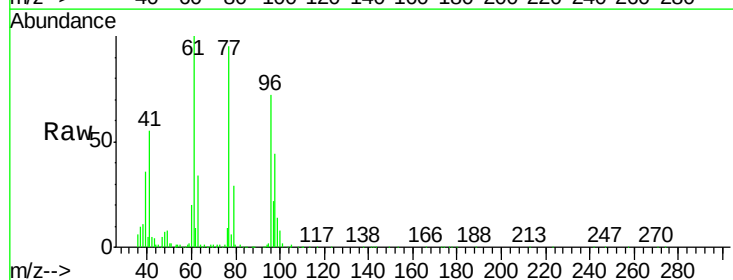
Acq: 25 Jan 2019 16:42

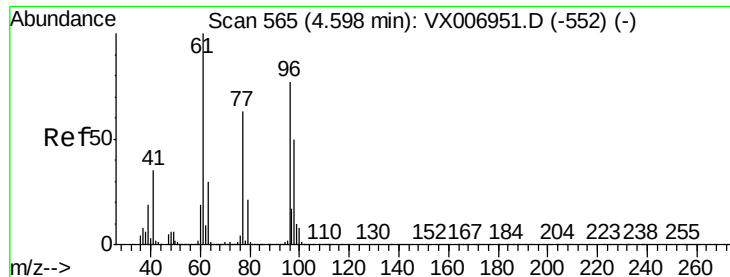
Tgt Ion: 77 Resp: 105888

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4



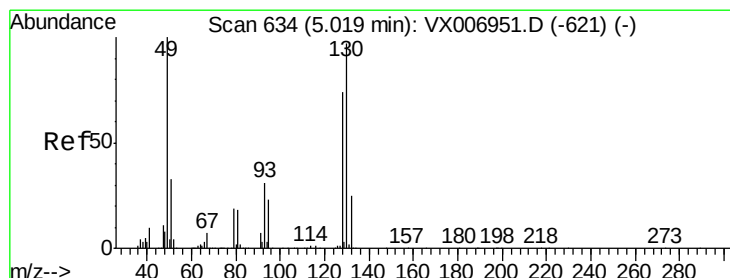
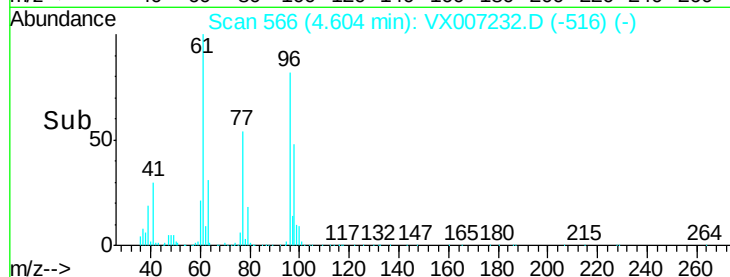
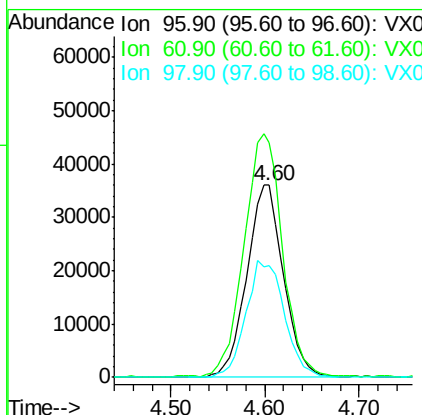
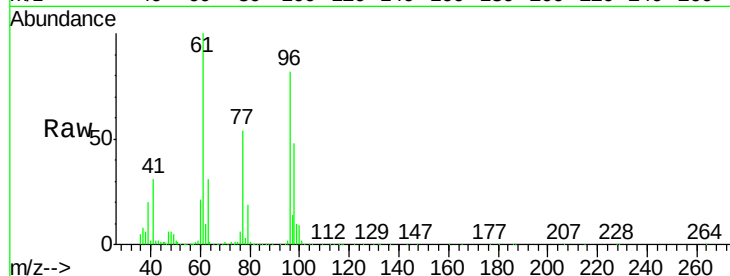


#27

cis-1,2-Dichloroethene
 Concen: 18.216 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Instrument :
 MSVOA_X
 ClientSampleId :

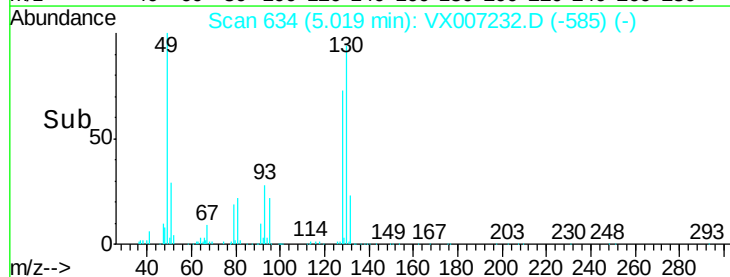
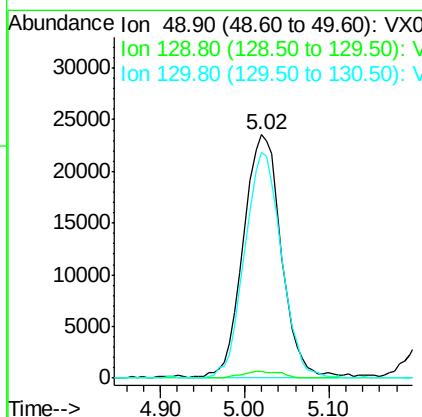
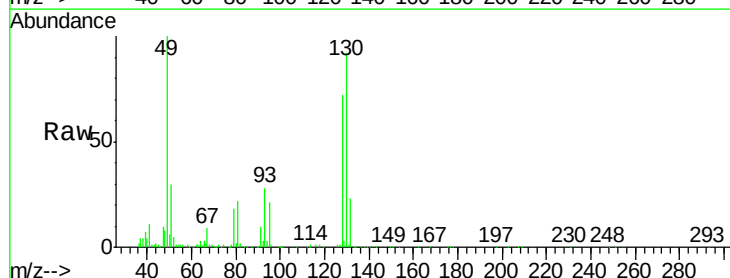
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	0.0	258.6
98	63.3	0.0	132.0

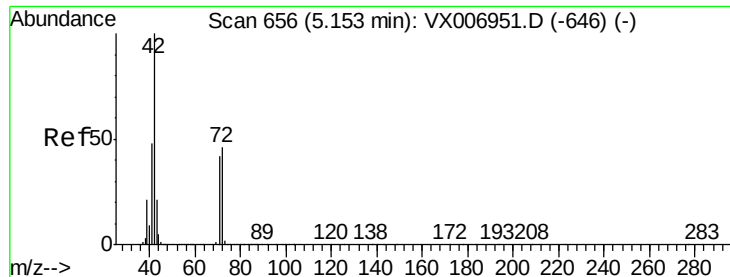


#28

Bromochloromethane
 Concen: 20.630 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	91.3	77.7	116.5





#29

Tetrahydrofuran

Concen: 95.751 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

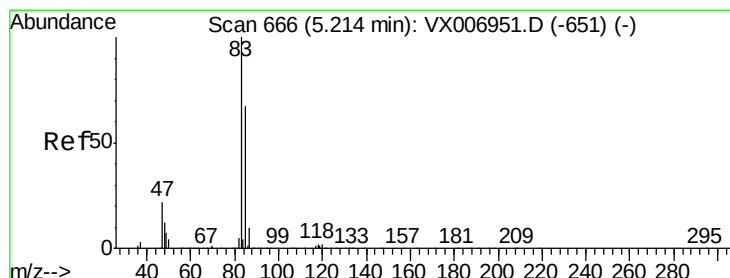
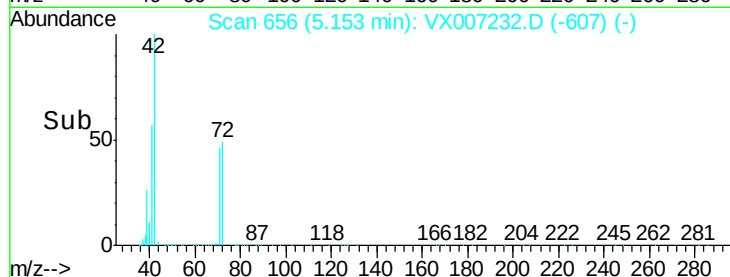
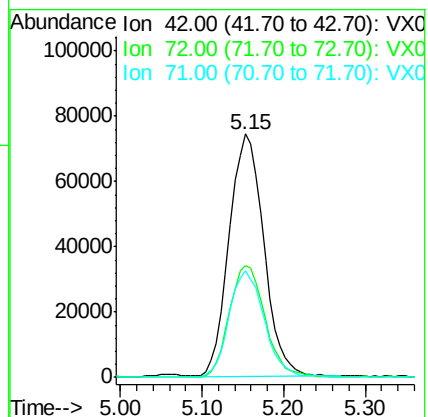
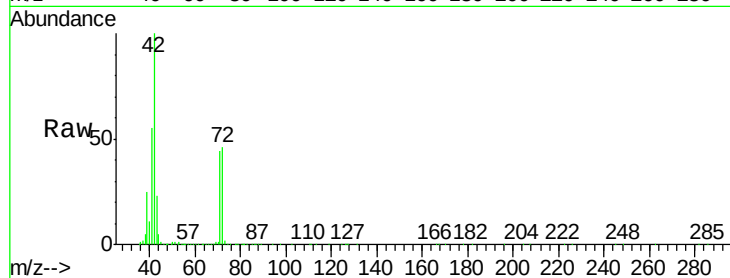
Tot Ion: 42 Resp: 219414

Ion Ratio Lower Upper

42 100

72 47.3 38.9 58.3

71 44.5 36.2 54.4



#30

Chloroform

Concen: 19.015 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007232.D

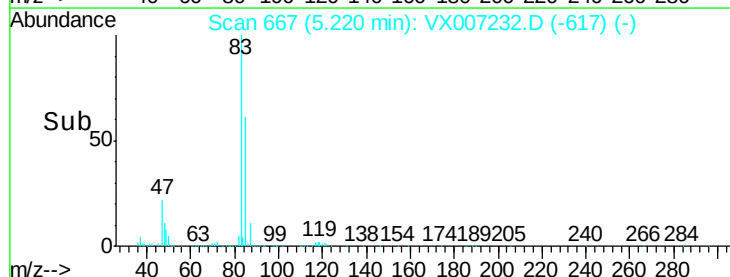
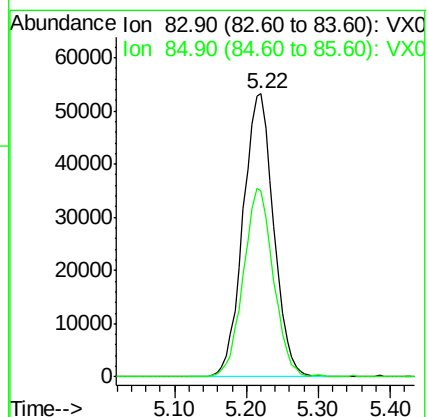
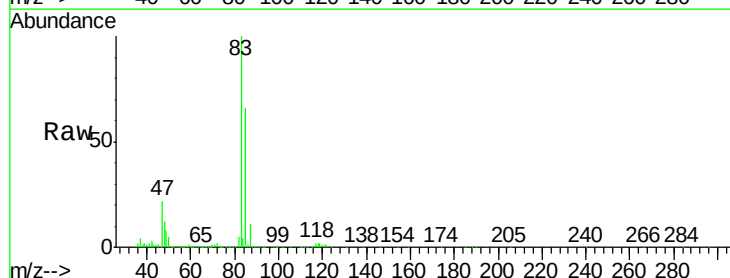
Acq: 25 Jan 2019 16:42

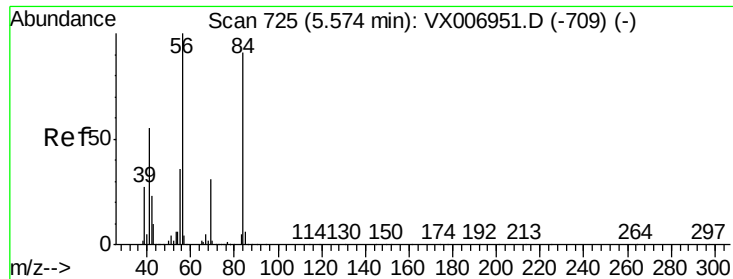
Tgt Ion: 83 Resp: 157234

Ion Ratio Lower Upper

83 100

85 65.7 51.2 76.8

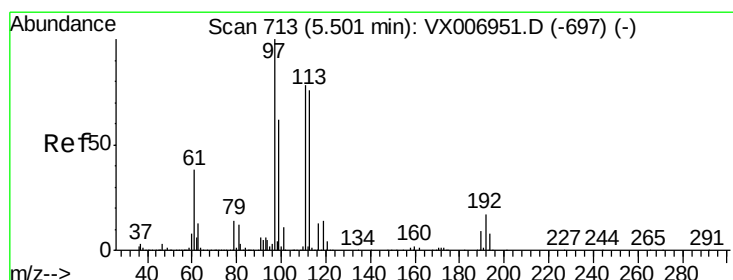
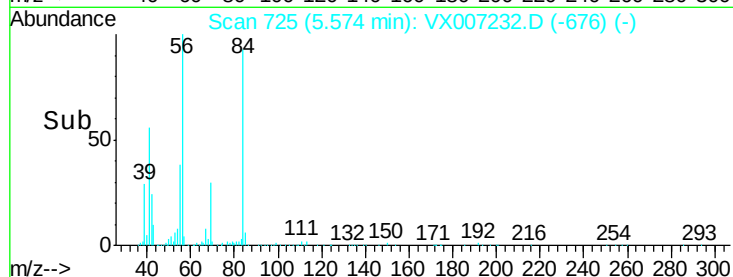
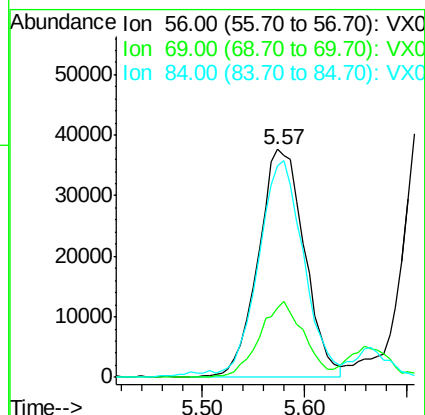
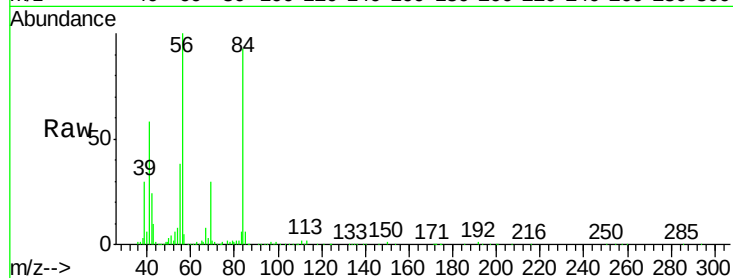




#31
Cyclohexane
Concen: 16.900 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

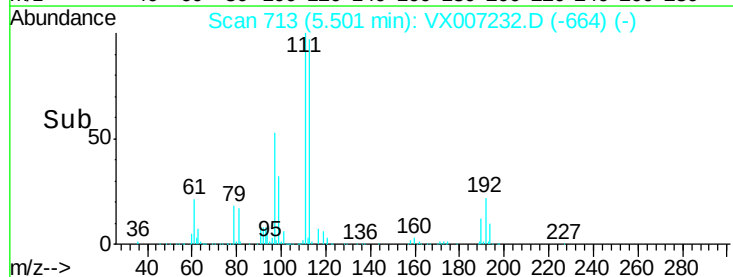
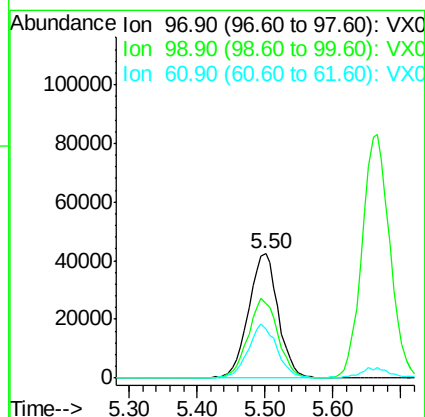
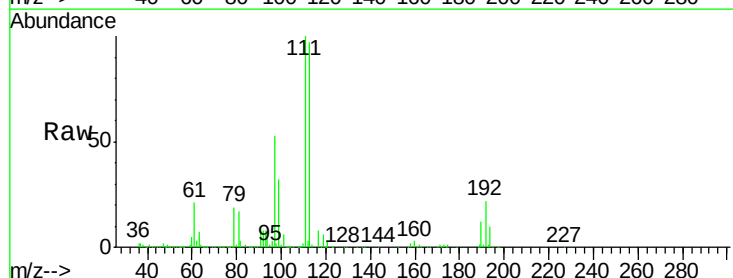
Instrument :
MSVOA_X
ClientSampled :

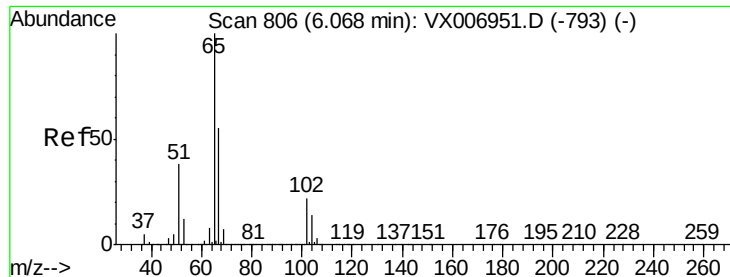
Tot Ion: 56 Resp: 118795
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 90.5 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 18.328 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 97 Resp: 128459
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 42.3 31.3 46.9

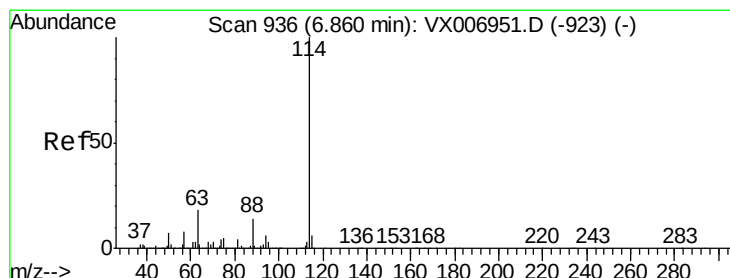
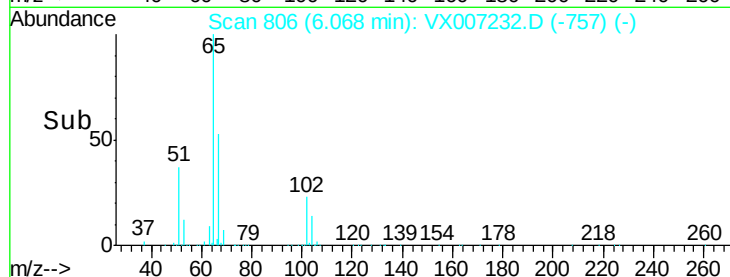
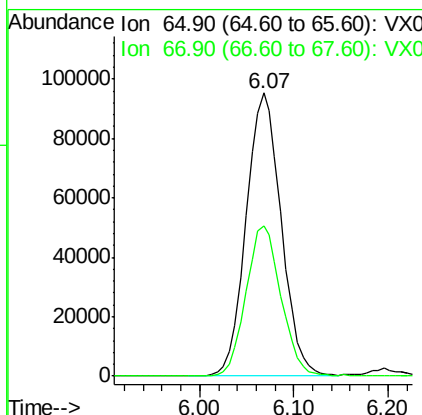
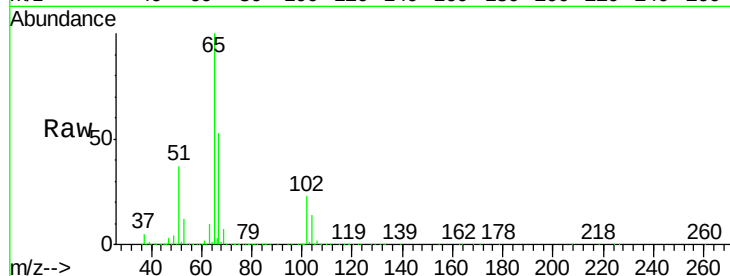




#33
 1,2-Dichloroethane-d4
 Concen: 49.885 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

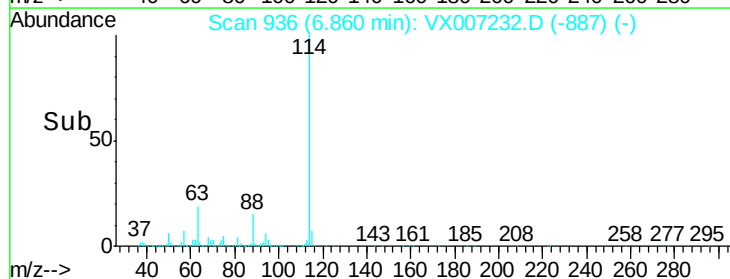
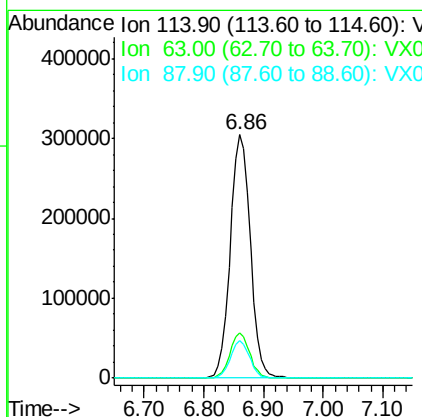
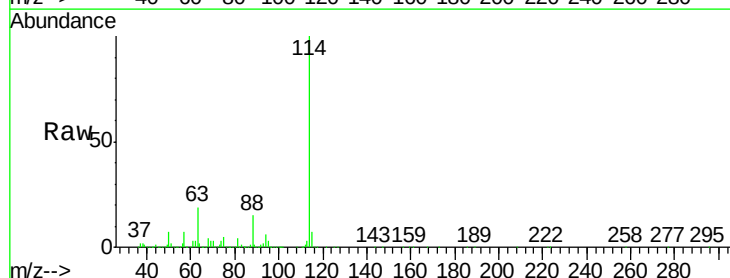
Instrument :
 MSVOA_X
 ClientSampleId :

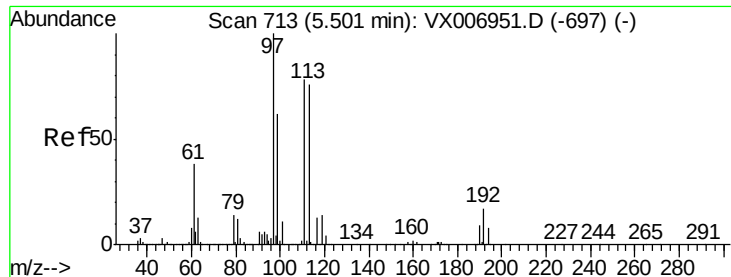
Tot Ion: 65 Resp: 248667
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion: 114 Resp: 713986
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.8
 88 15.2 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.942 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :

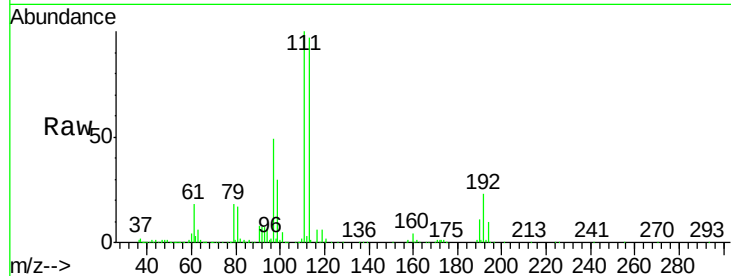
Tot Ion:113 Resp: 223780

Ion Ratio Lower Upper

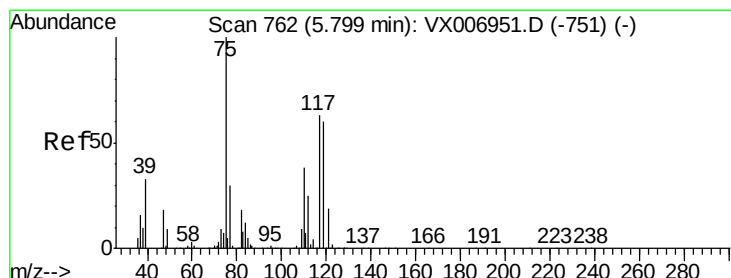
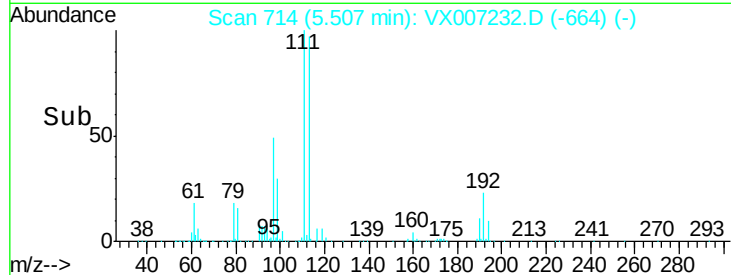
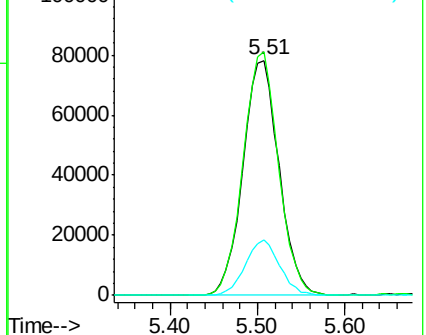
113 100

111 101.5 81.6 122.4

192 22.6 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: 17.174 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

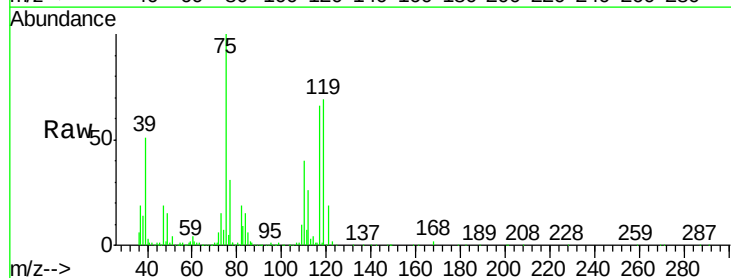
Tgt Ion: 75 Resp: 106610

Ion Ratio Lower Upper

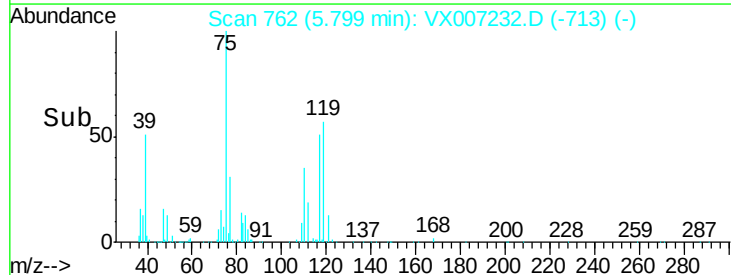
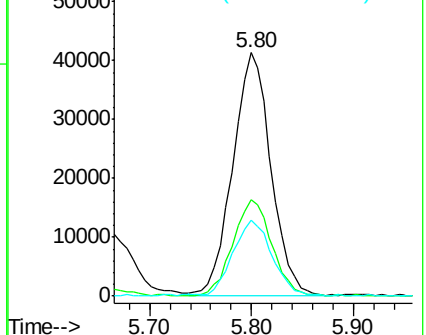
75 100

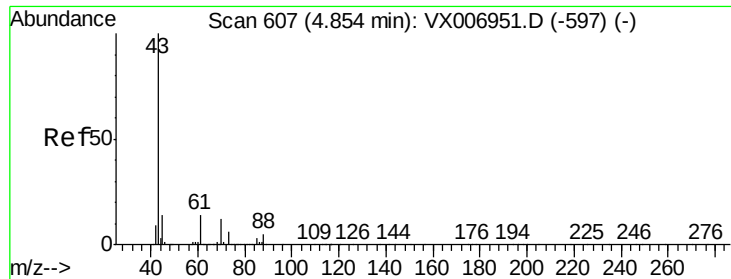
110 40.1 20.2 60.5

77 31.7 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

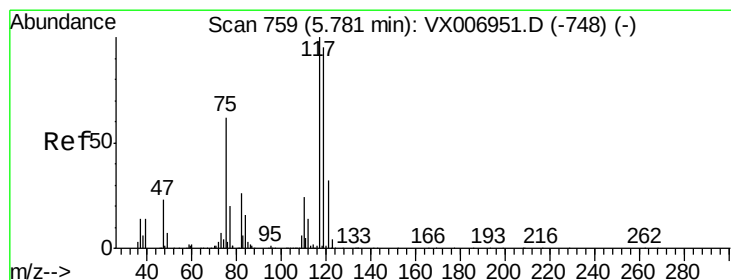
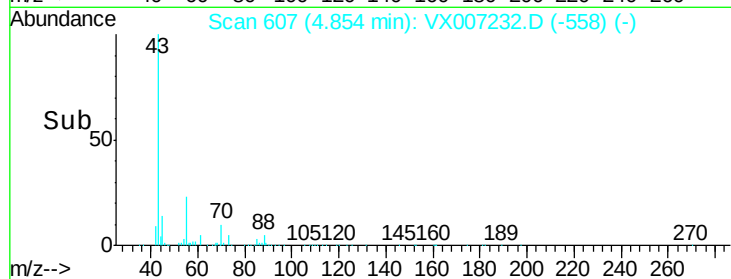
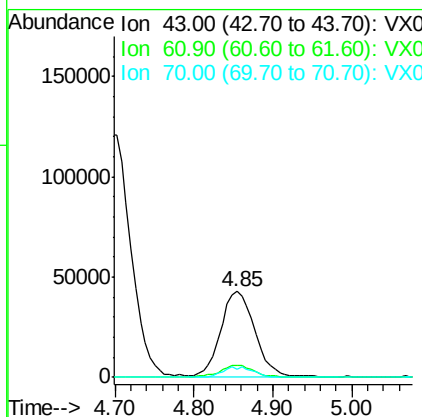
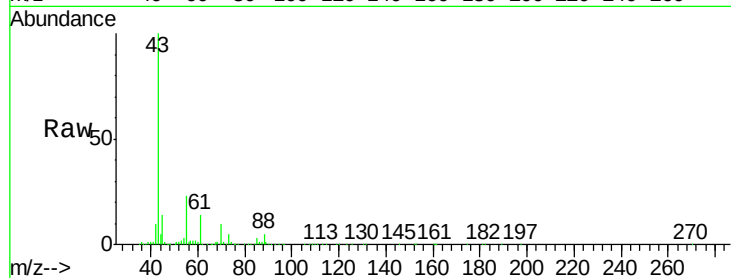




#37
Ethyl Acetate
Concen: 19.163 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

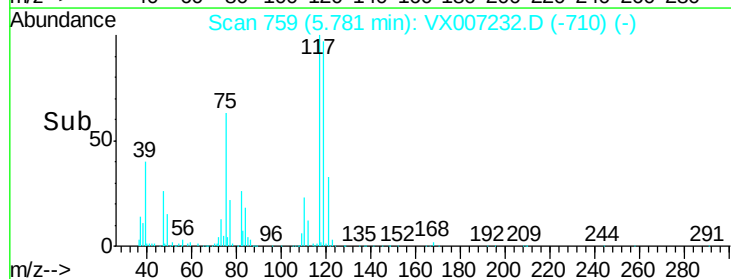
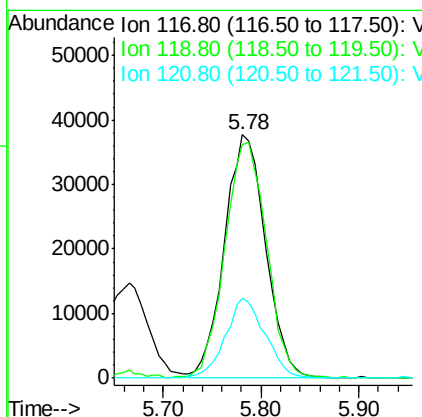
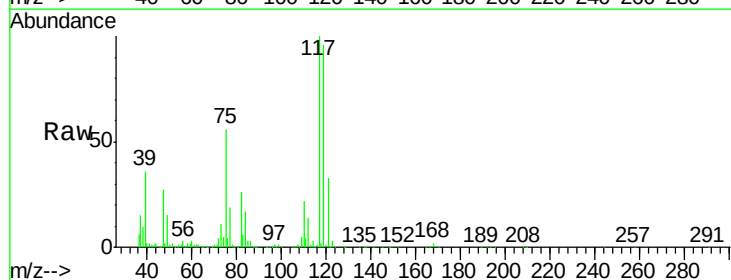
Instrument :
MSVOA_X
ClientSampleId :

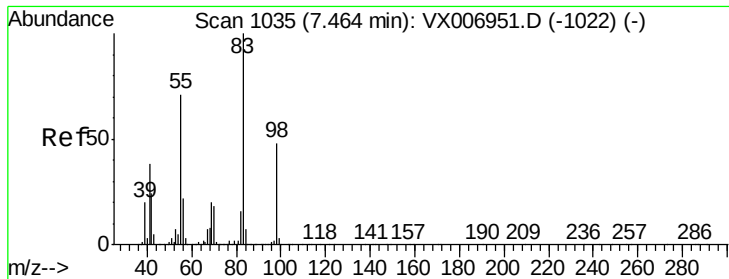
Tot Ion: 43 Resp: 127532
Ion Ratio Lower Upper
43 100
61 14.6 11.9 17.9
70 11.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 17.596 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 117 Resp: 109894
Ion Ratio Lower Upper
117 100
119 95.7 79.4 119.2
121 32.8 24.0 36.0

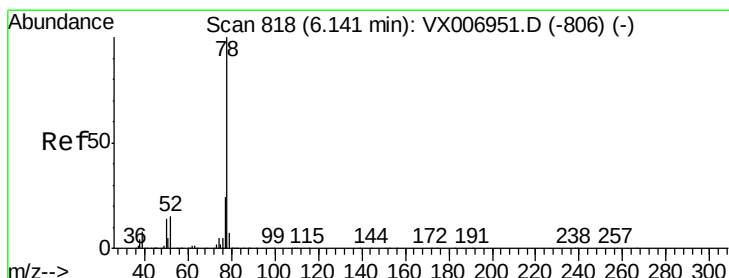
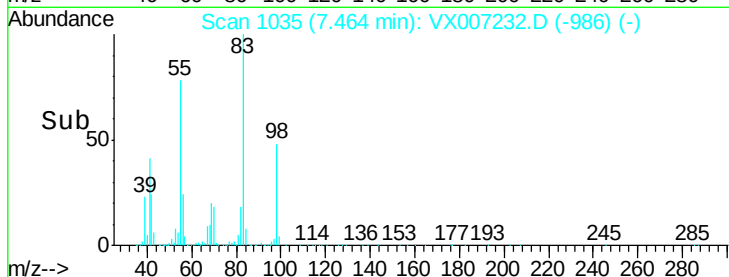
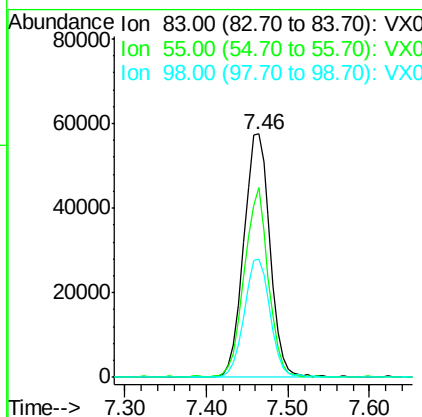
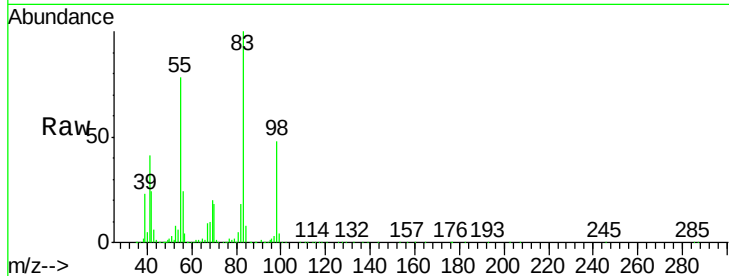




#39
Methylvlcyclohexane
Concen: 16.306 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

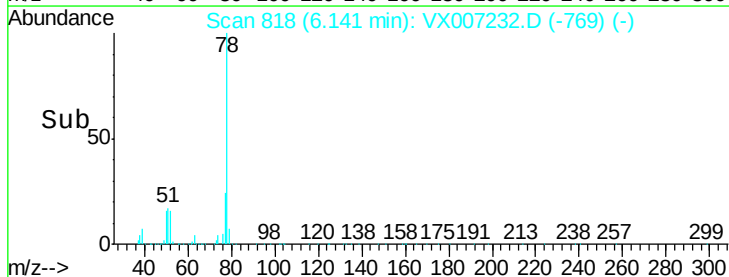
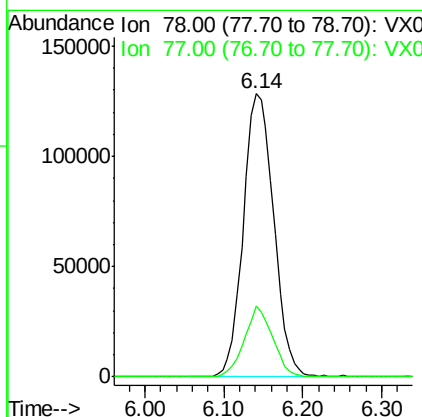
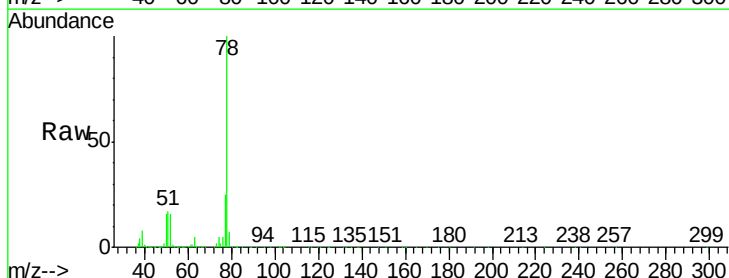
Instrument :
MSVOA_X
ClientSampleId :

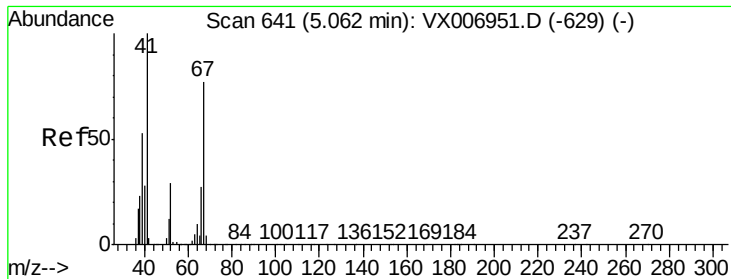
Tot Ion	83	Resp	129038
Ion Ratio	Lower	Upper	
83	100		
55	78.0	54.9	82.3
98	48.3	37.9	56.9



#40
Benzene
Concen: 18.178 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion	78	Resp	344301
Ion Ratio	Lower	Upper	
78	100		
77	25.1	19.2	28.8





#41

Methacrylonitrile

Concen: 17.929 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 41 Resp: 68736

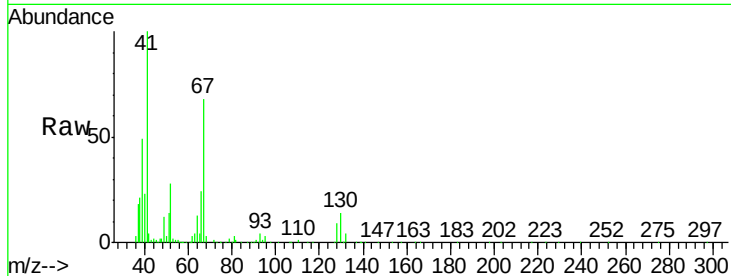
Ion Ratio Lower Upper

41 100

39 56.3 42.8 64.2

67 77.0 62.1 93.1

52 30.5 23.4 35.0

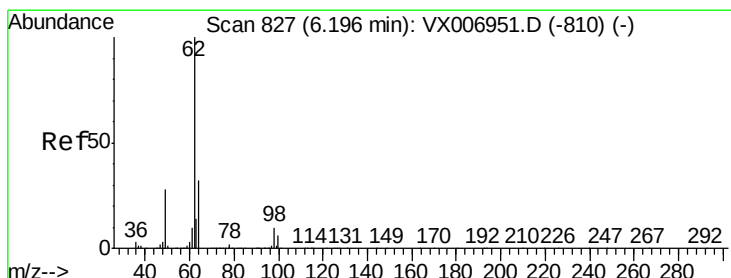
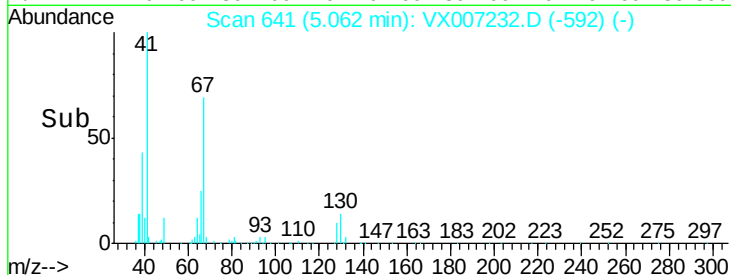
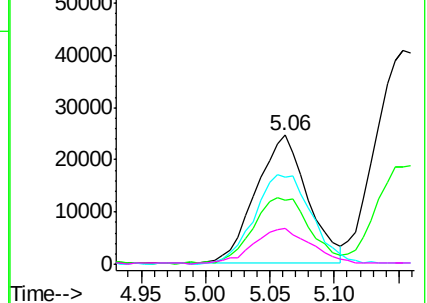


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.486 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007232.D

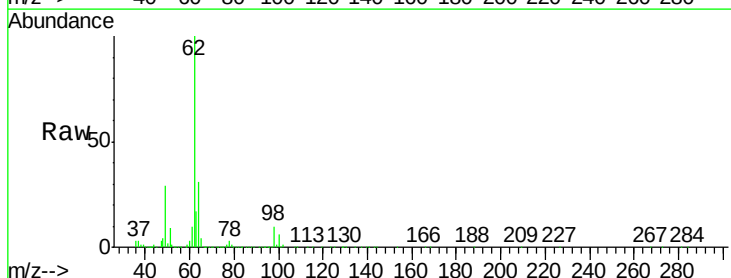
Acq: 25 Jan 2019 16:42

Tgt Ion: 62 Resp: 120996

Ion Ratio Lower Upper

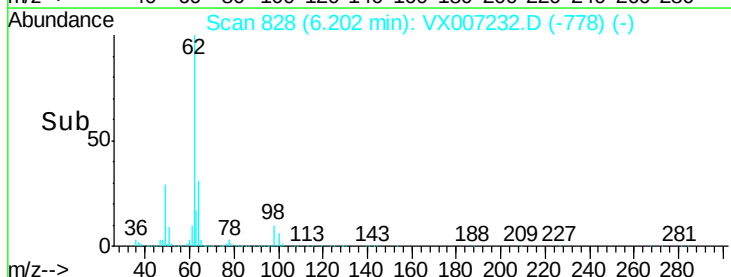
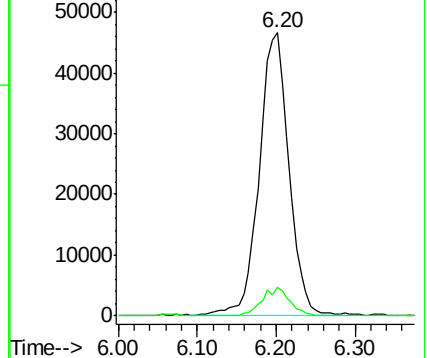
62 100

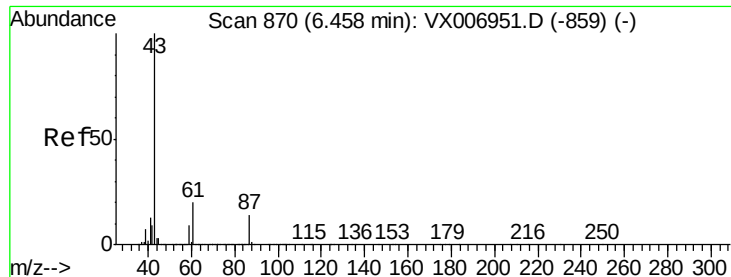
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 18.698 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

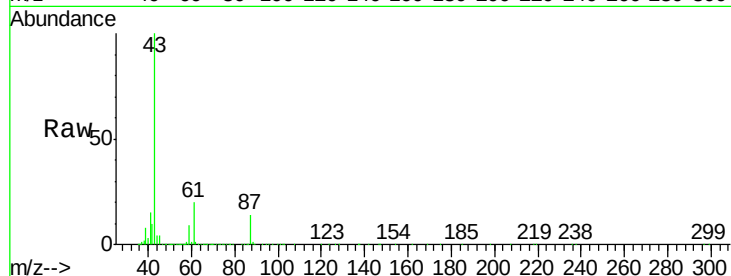
Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 196281

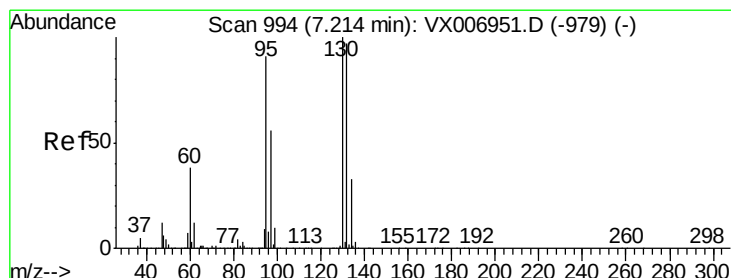
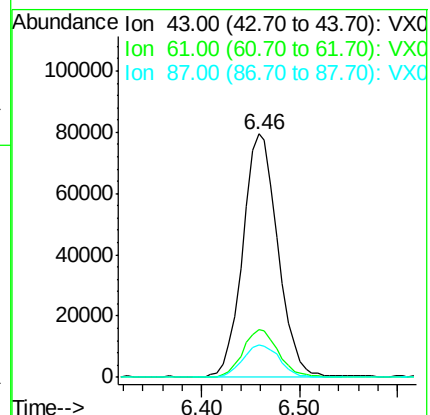
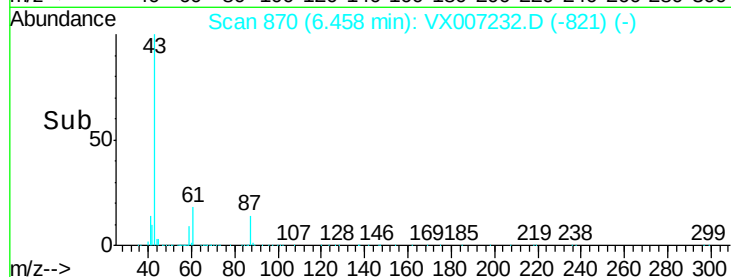
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.1	12.4	18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.407 ug/l

RT: 7.21 min Scan# 994

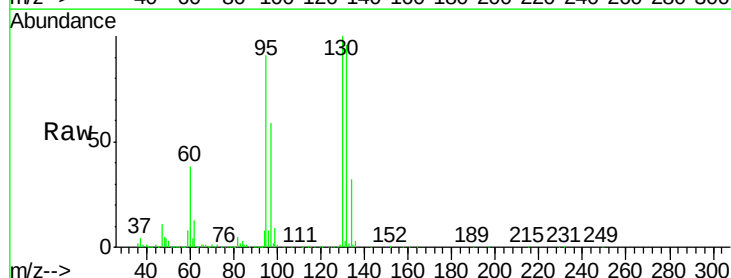
Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

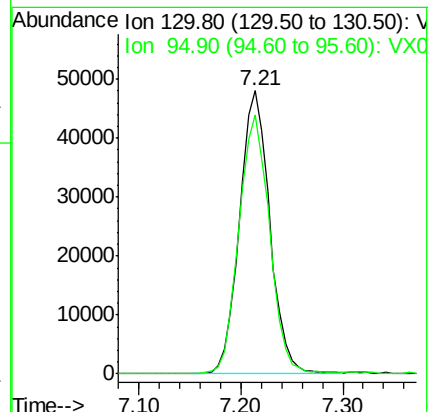
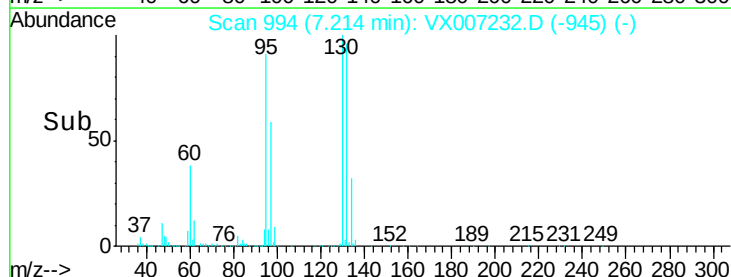
Tgt Ion:130 Resp: 98801

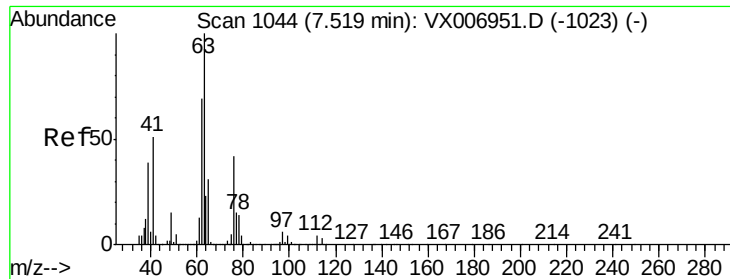
Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.861 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

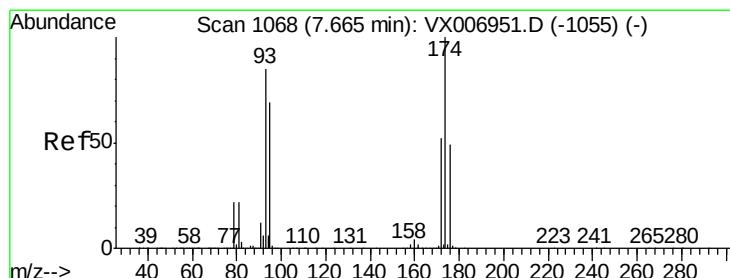
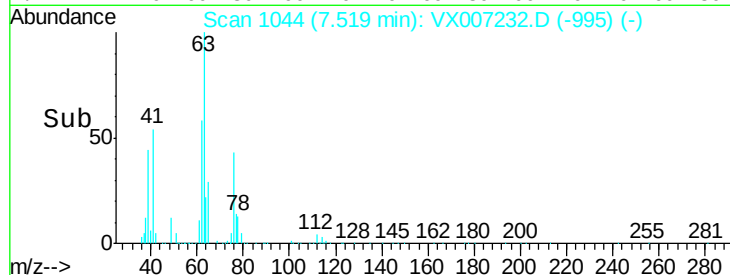
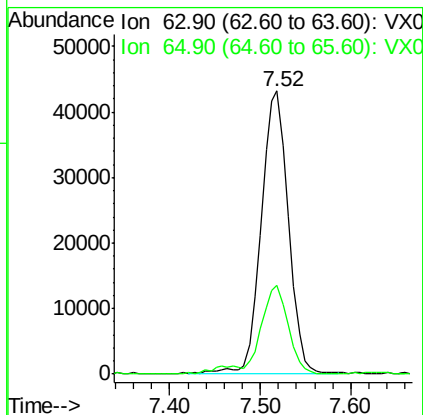
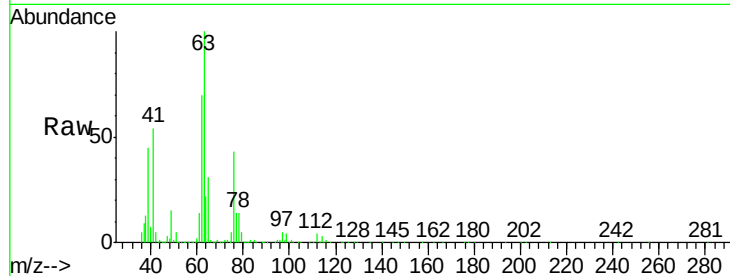
ClientSampleId :

Tot Ion: 63 Resp: 89815

Ion Ratio Lower Upper

63 100

65 31.0 25.4 38.0



#46

Dibromomethane

Concen: 18.762 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

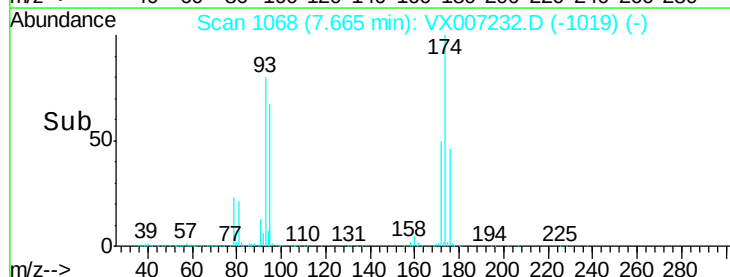
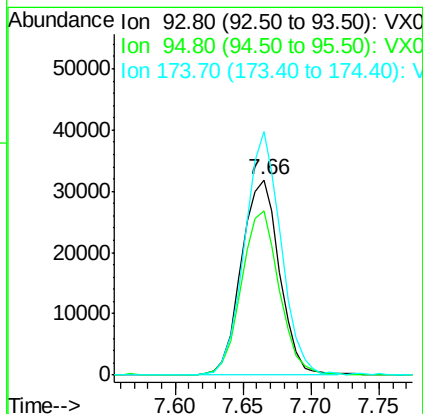
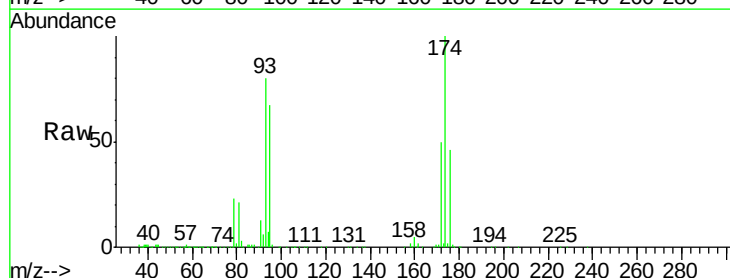
Tgt Ion: 93 Resp: 62791

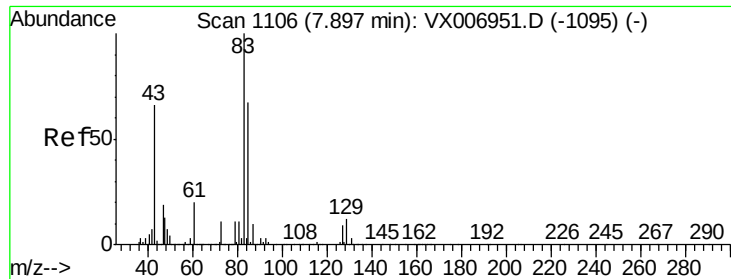
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 118.1 91.0 136.4





#47

Bromodichloromethane

Concen: 18.405 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :

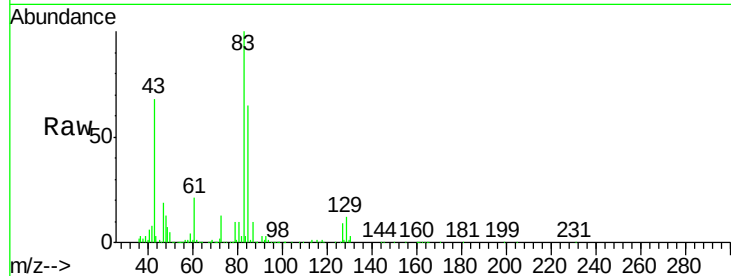
Tot Ion: 83 Resp: 104841

Ion Ratio Lower Upper

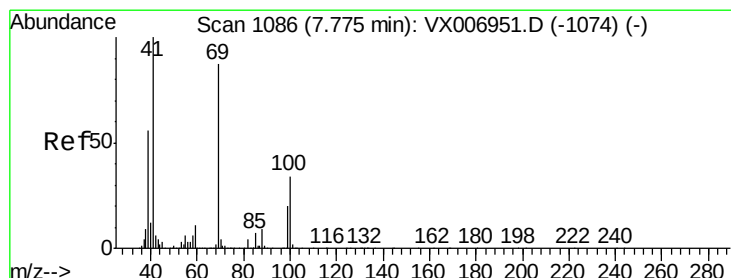
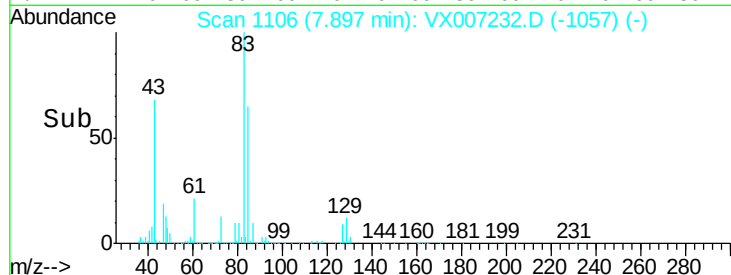
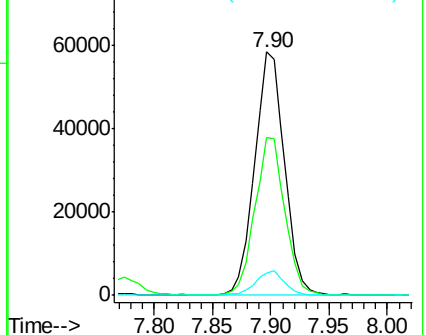
83 100

85 64.7 53.2 79.8

127 8.9 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: 18.689 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

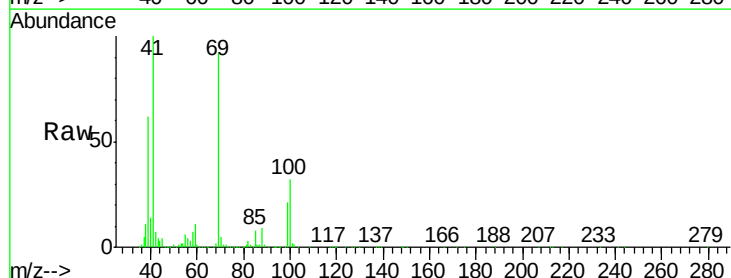
Tgt Ion: 41 Resp: 100747

Ion Ratio Lower Upper

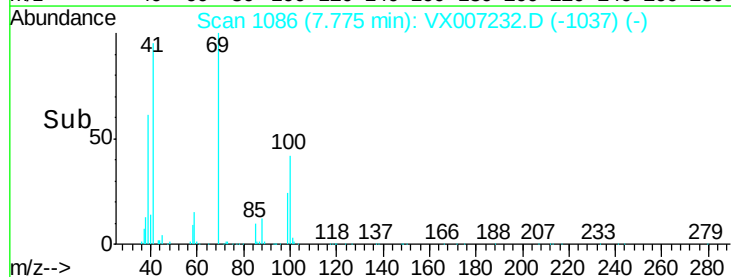
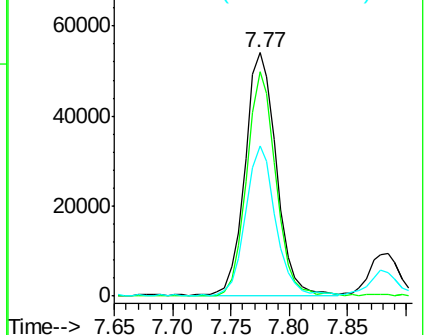
41 100

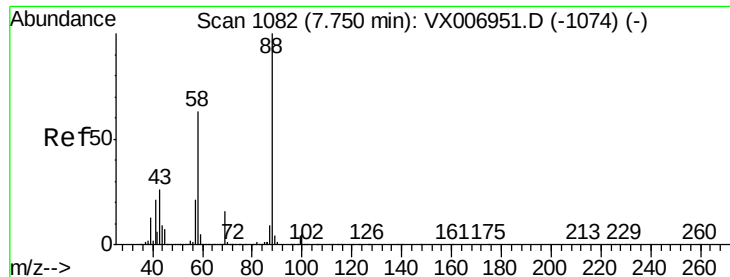
69 87.4 72.4 108.6

39 60.6 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: 396.160 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :
MSVOA_X
ClientSampleId :

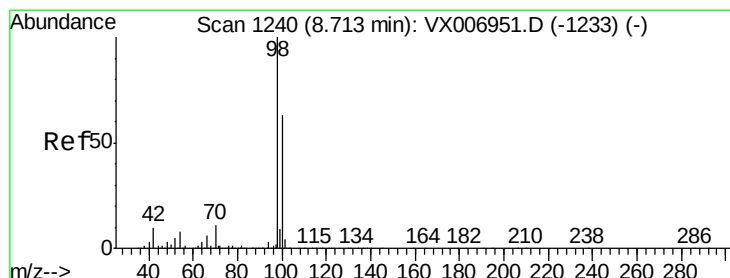
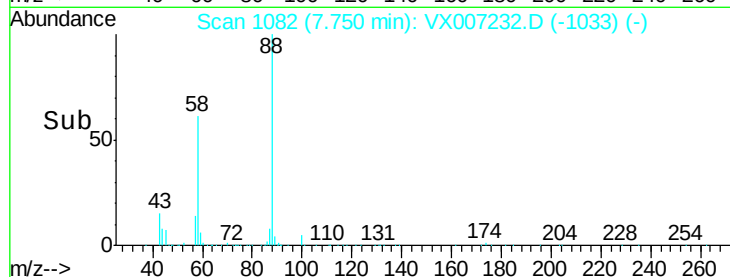
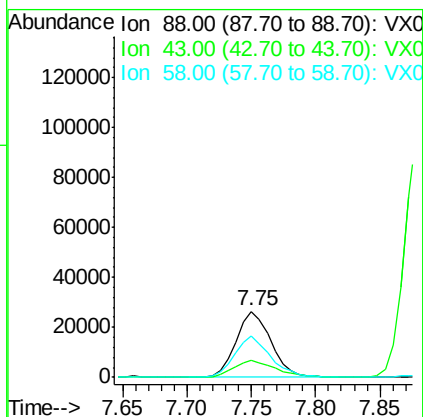
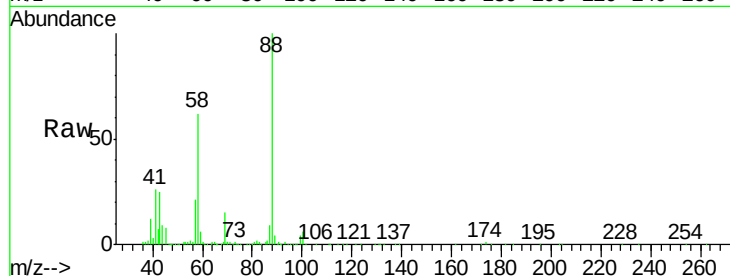
Tot Ion: 88 Resp: 49409

Ion Ratio Lower Upper

88 100

43 29.1 22.2 33.4

58 62.8 51.0 76.4



#50

Toluene-d8

Concen: 48.836 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007232.D

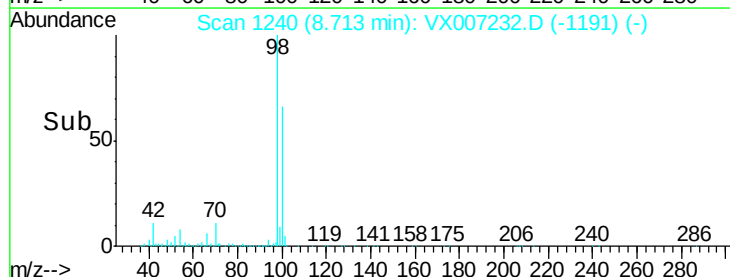
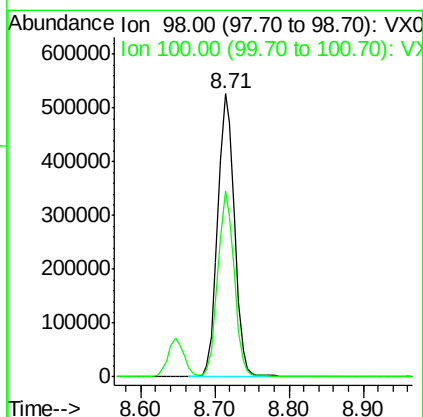
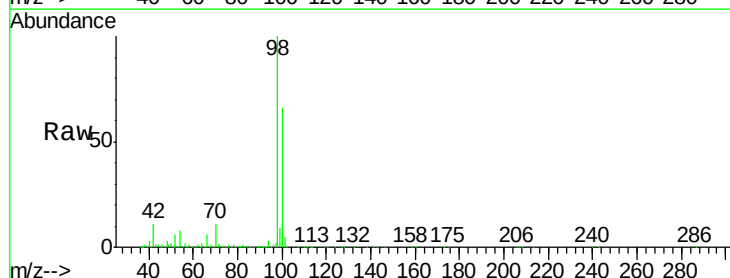
Acq: 25 Jan 2019 16:42

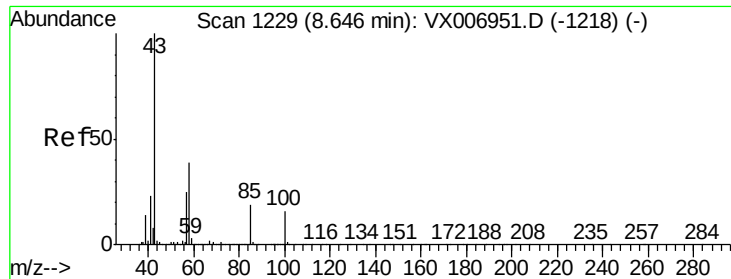
Tgt Ion: 98 Resp: 817323

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 101.902 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

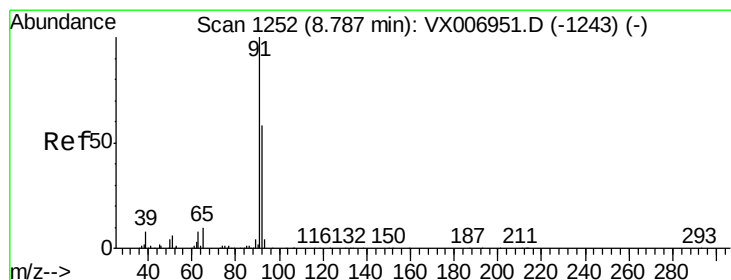
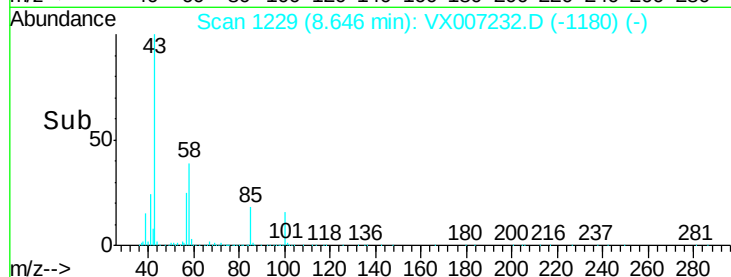
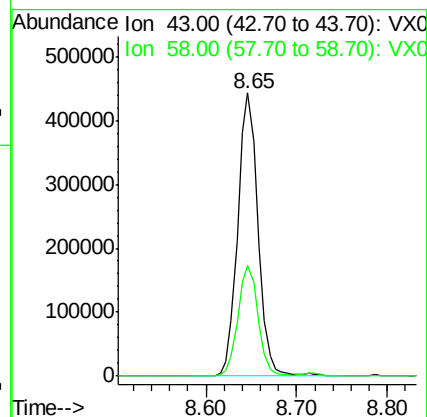
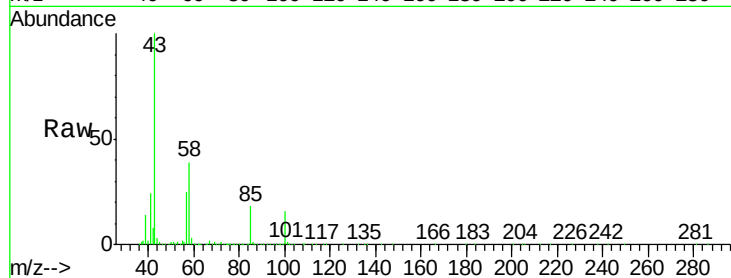
ClientSampleId :

Tot Ion: 43 Resp: 687454

Ion Ratio Lower Upper

43 100

58 38.8 31.8 47.6



#52

Toluene

Concen: 18.132 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007232.D

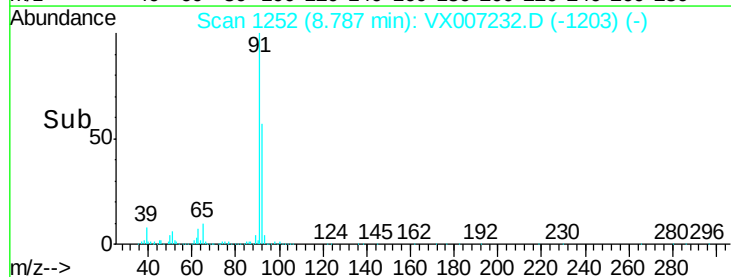
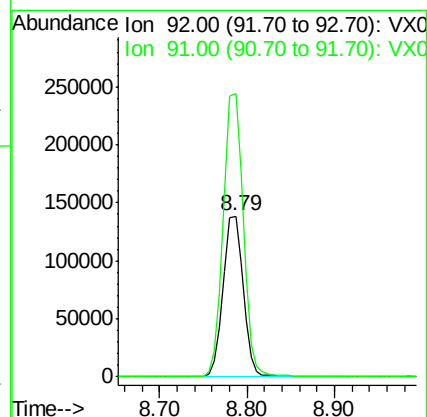
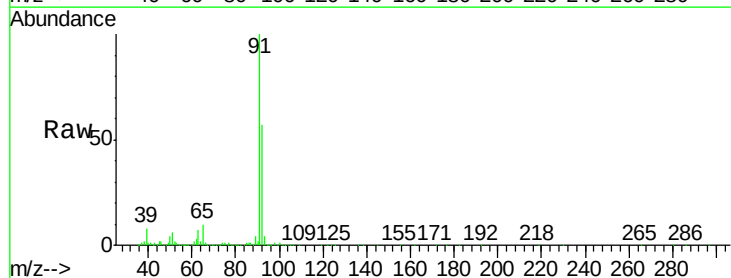
Acq: 25 Jan 2019 16:42

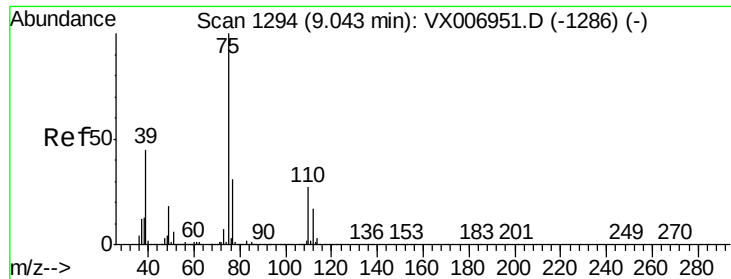
Tgt Ion: 92 Resp: 220745

Ion Ratio Lower Upper

92 100

91 176.2 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 17.698 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

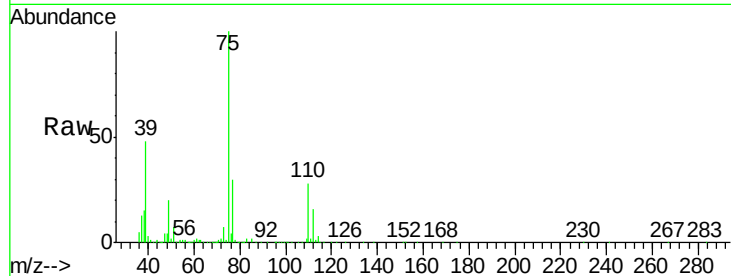
ClientSampleId :

Tot Ion: 75 Resp: 111790

Ion Ratio Lower Upper

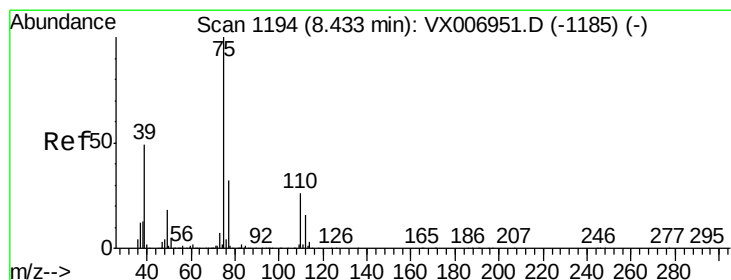
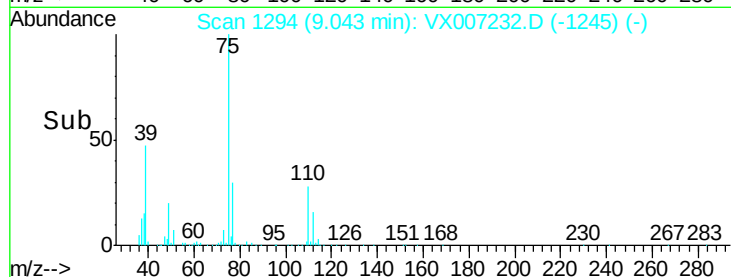
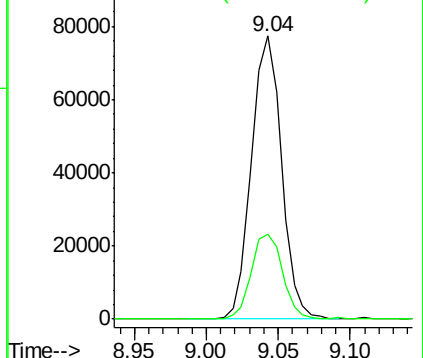
75 100

77 30.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 18.295 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

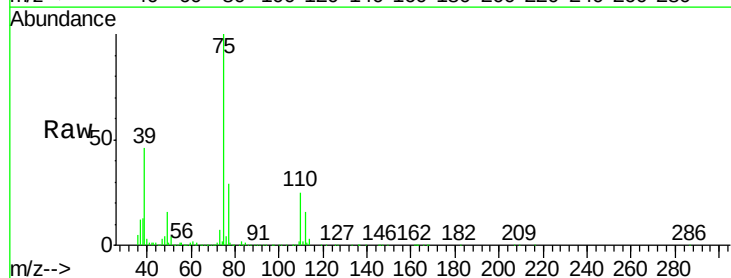
Tgt Ion: 75 Resp: 127621

Ion Ratio Lower Upper

75 100

77 29.2 26.2 39.2

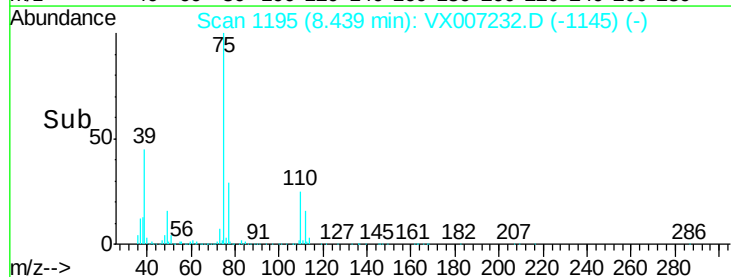
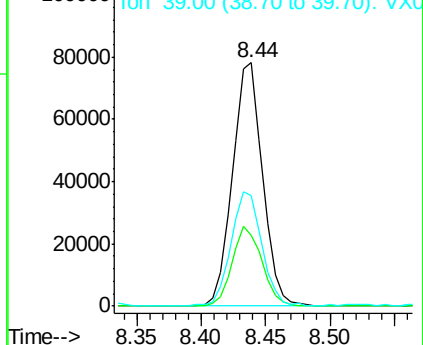
39 45.4 36.7 55.1

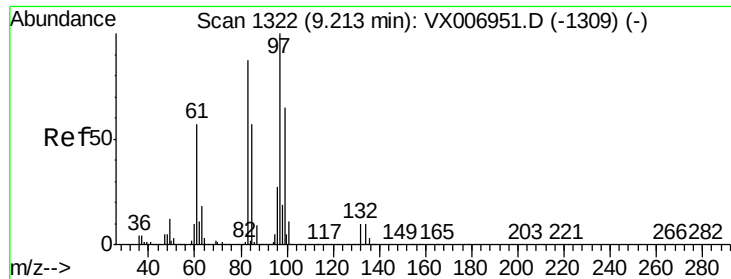


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.422 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 99514

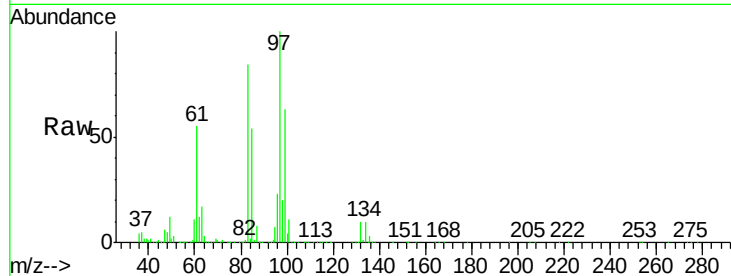
Ion Ratio Lower Upper

97 100

83 83.5 66.6 99.8

85 53.4 42.7 64.1

99 63.2 50.8 76.2

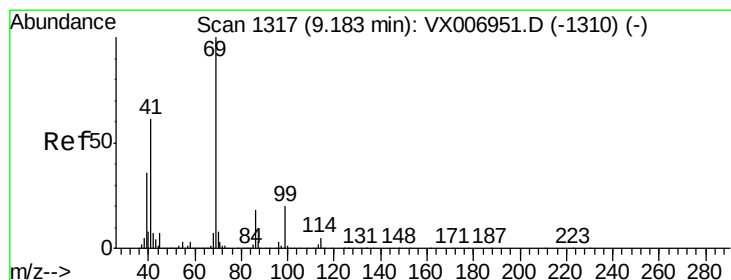
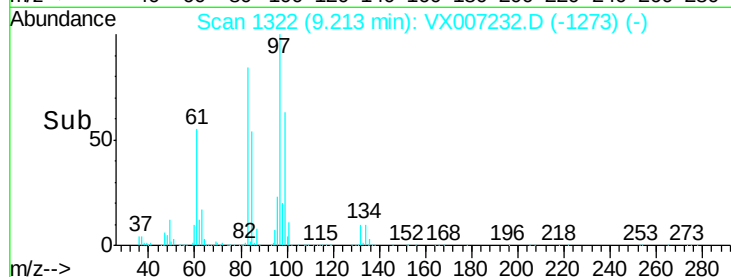
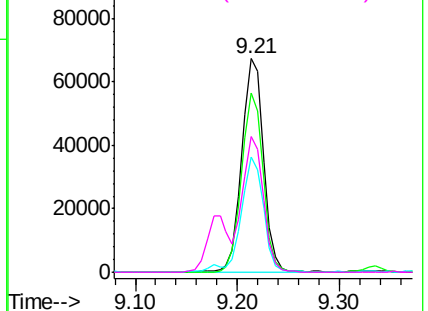


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.215 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

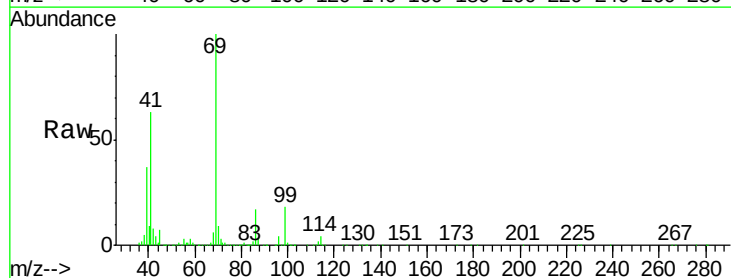
Tgt Ion: 69 Resp: 136690

Ion Ratio Lower Upper

69 100

41 64.2 48.7 73.1

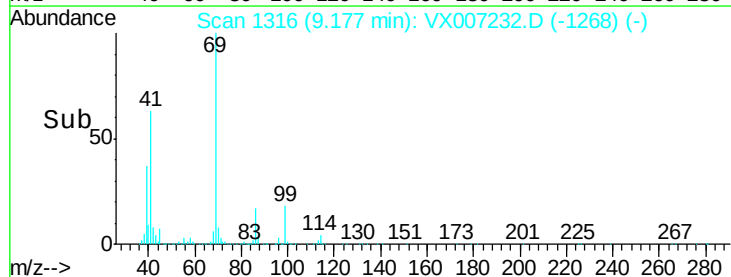
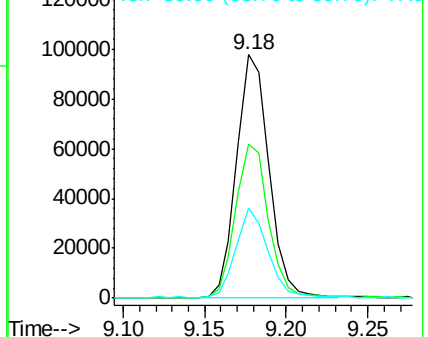
39 35.8 27.0 40.6

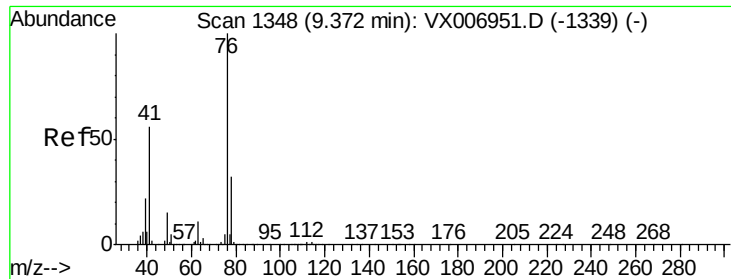


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

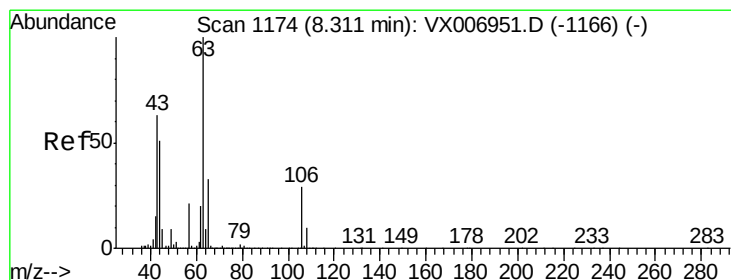
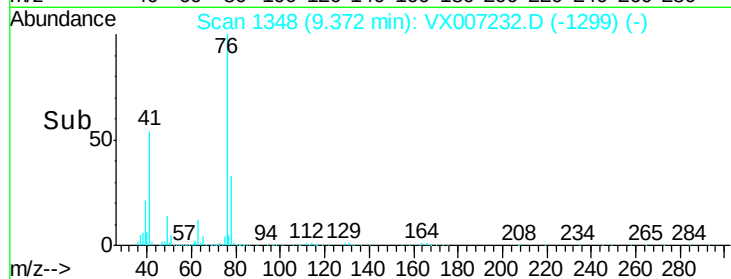
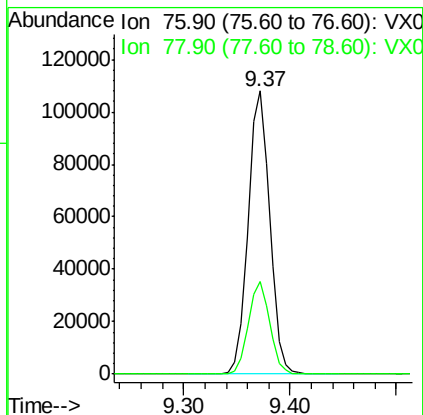
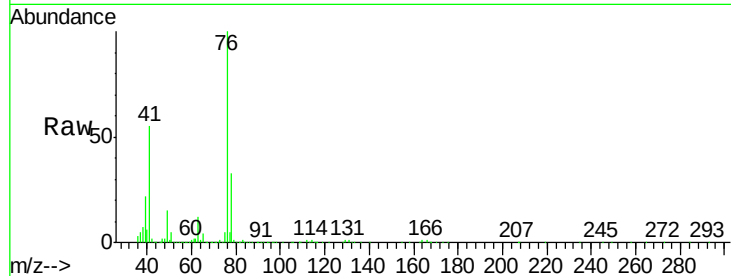




#57
 1,3-Dichloropropane
 Concen: 19.366 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

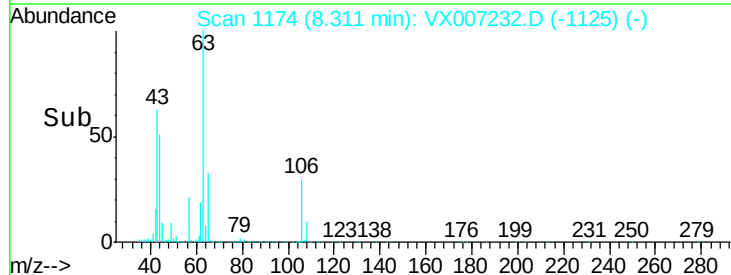
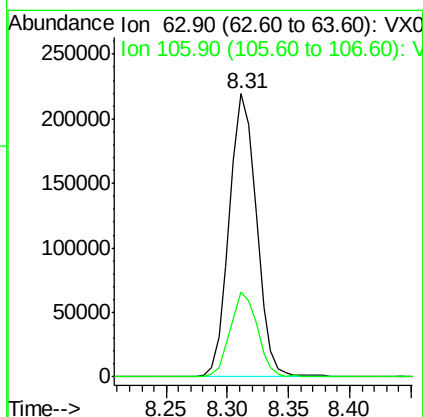
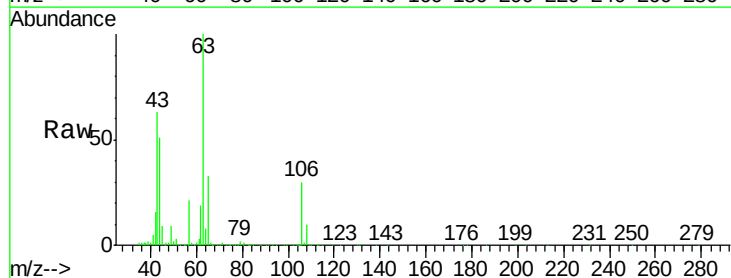
Instrument :
 MSVOA_X
 ClientSampleId :

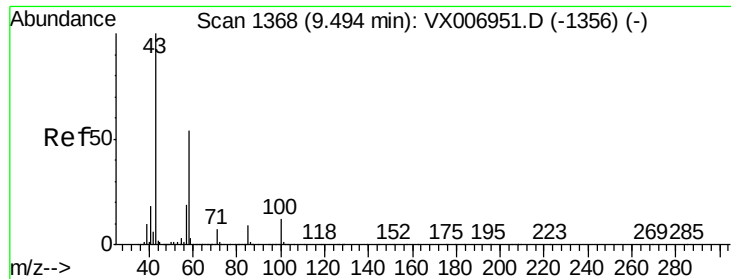
Tot Ion: 76 Resp: 154602
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.453 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion: 63 Resp: 338151
 Ion Ratio Lower Upper
 63 100
 106 30.0 24.6 36.8

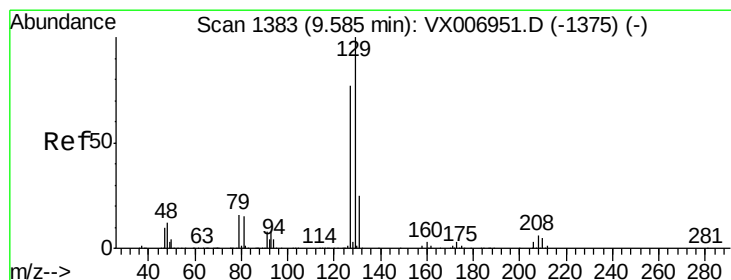
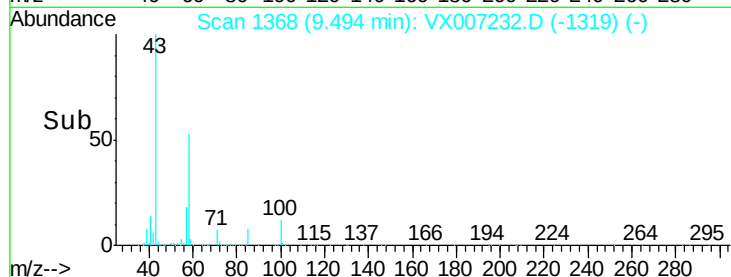
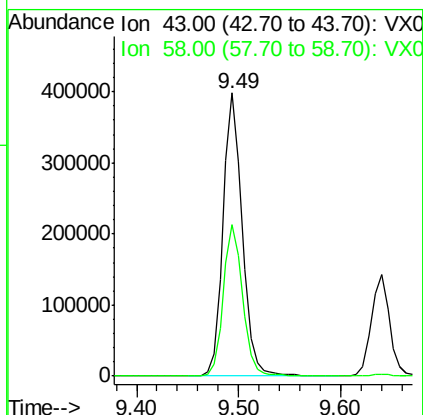
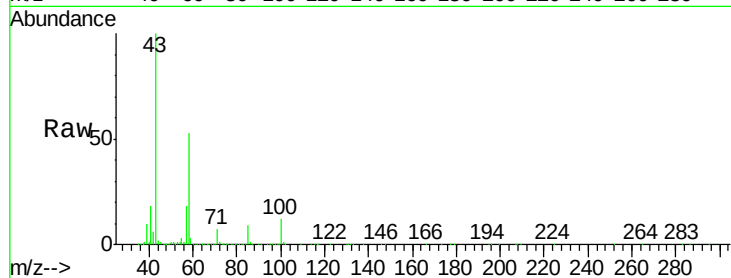




#59
2-Hexanone
Concen: 101.576 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

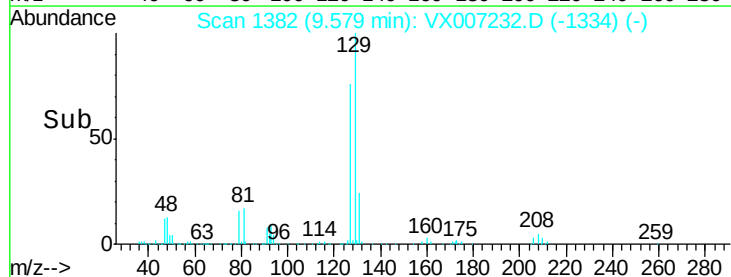
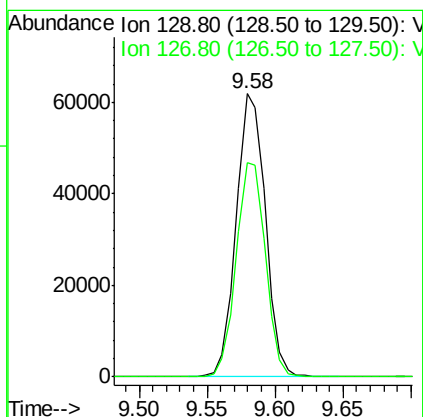
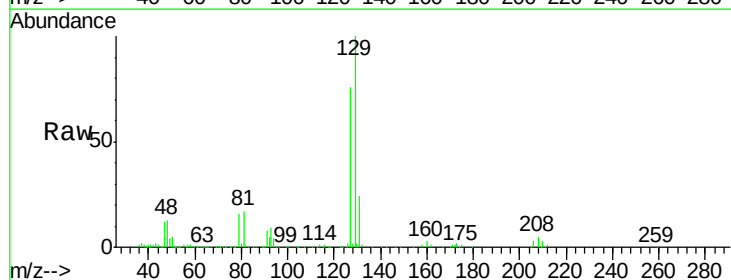
Instrument :
MSVOA_X
ClientSampleId :

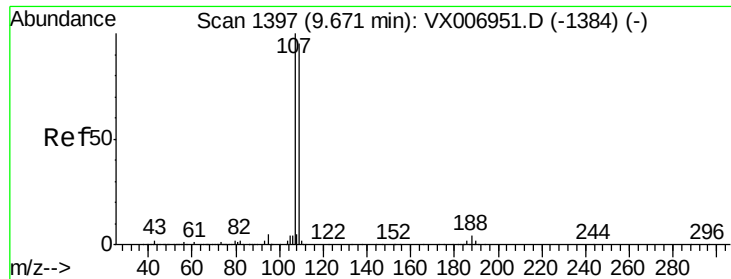
Tot Ion: 43 Resp: 522206
Ion Ratio Lower Upper
43 100
58 53.8 27.7 83.1



#60
Dibromochloromethane
Concen: 19.497 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 129 Resp: 92255
Ion Ratio Lower Upper
129 100
127 76.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 18.874 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

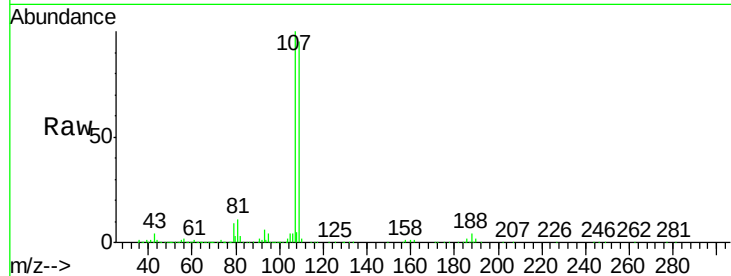
ClientSampleId :

Tot Ion:107 Resp: 101251

Ion Ratio Lower Upper

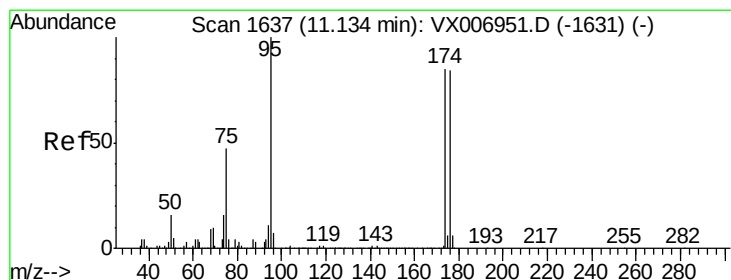
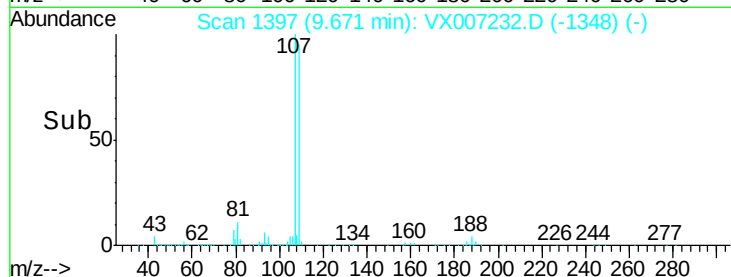
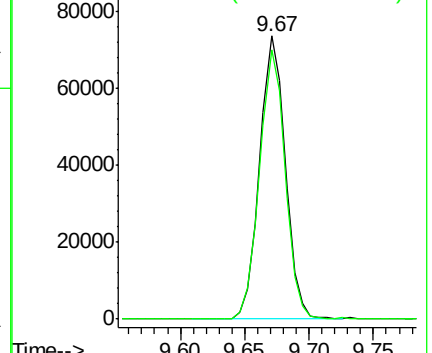
107 100

109 94.7 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: 49.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

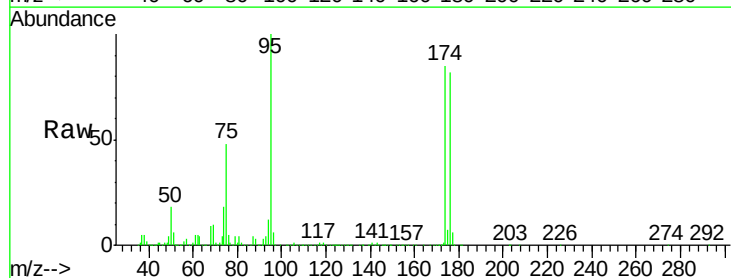
Tgt Ion: 95 Resp: 288832

Ion Ratio Lower Upper

95 100

174 94.7 0.0 182.2

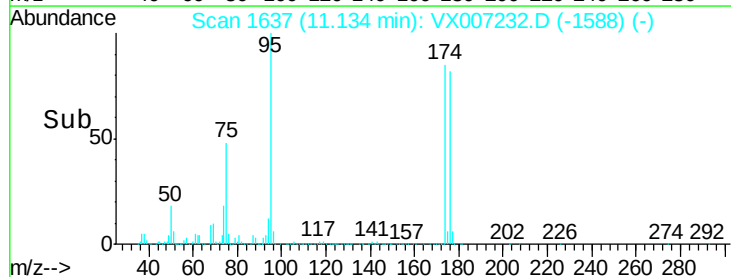
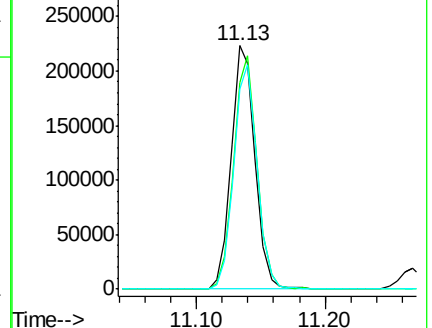
176 91.3 0.0 178.8

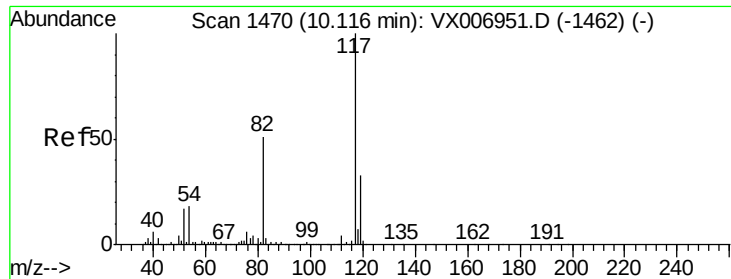


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

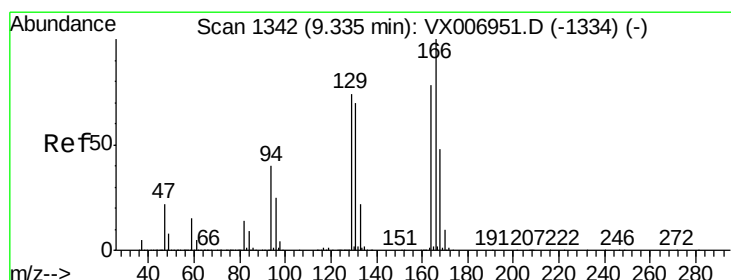
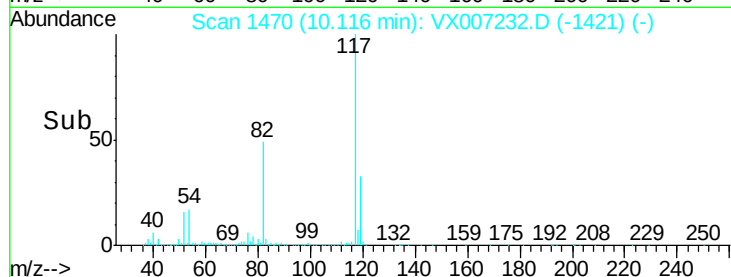
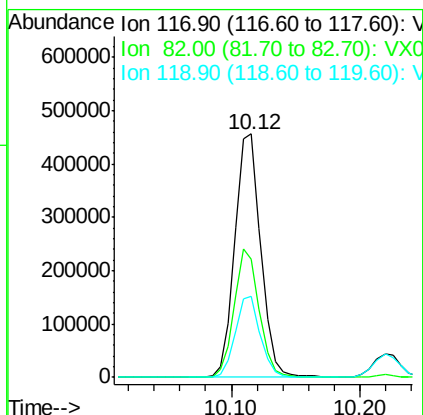
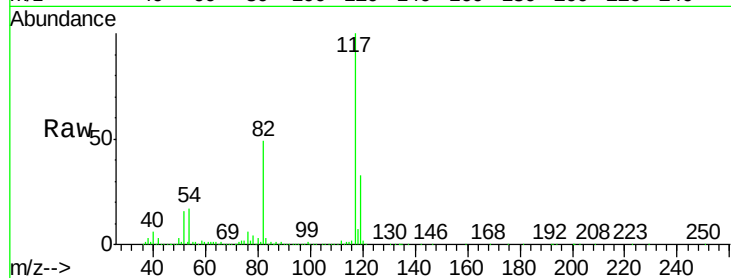




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

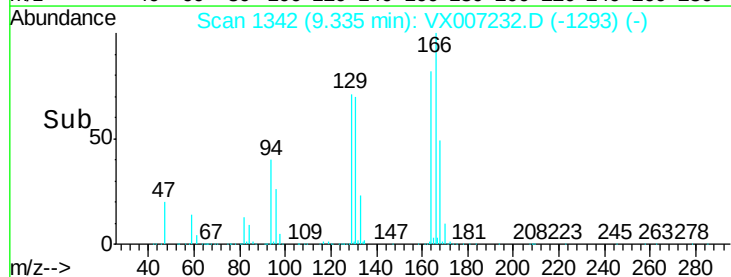
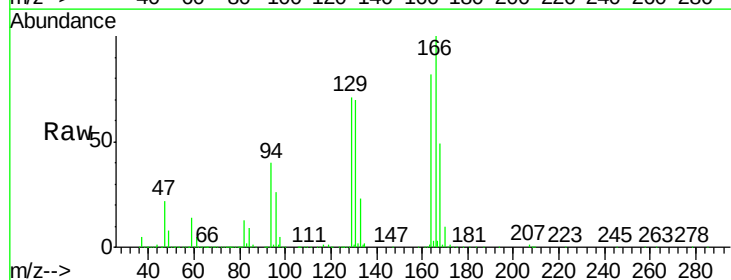
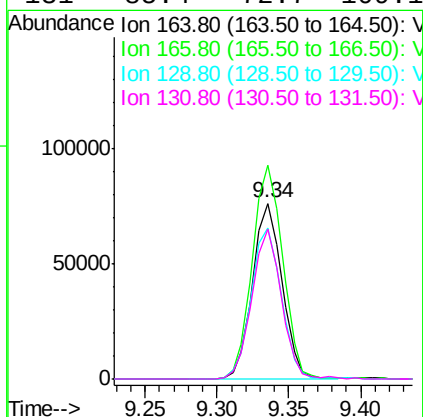
Instrument :
MSVOA_X
ClientSampled :

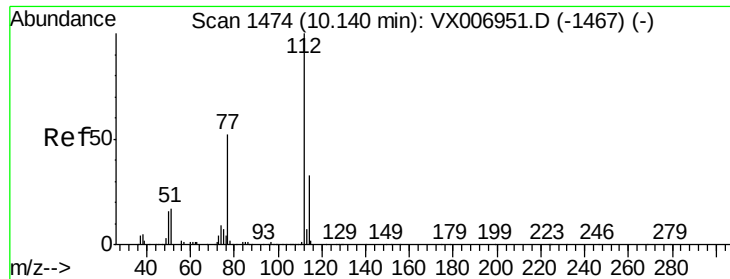
Tot Ion:117 Resp: 640743
Ion Ratio Lower Upper
117 100
82 48.7 41.0 61.6
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.483 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion:164 Resp: 108078
Ion Ratio Lower Upper
164 100
166 121.6 102.5 153.7
129 86.0 75.1 112.7
131 85.4 72.7 109.1

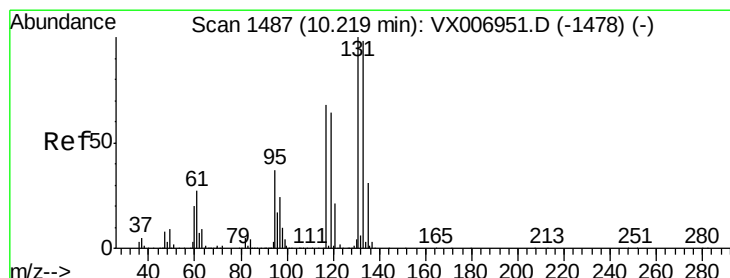
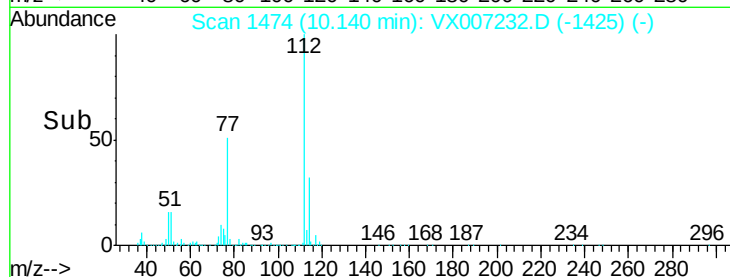
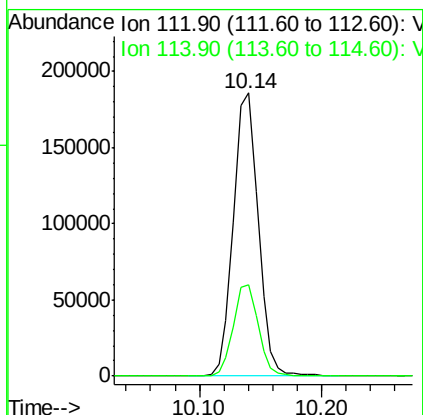
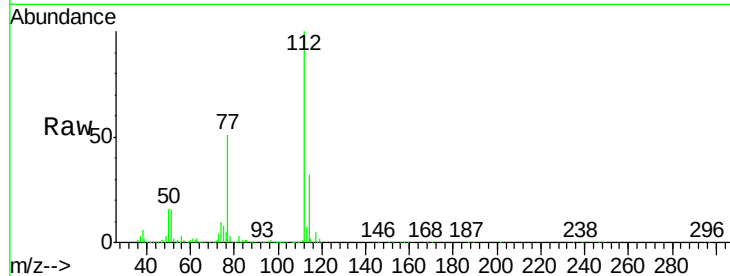




#65
Chlorobenzene
Concen: 18.670 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

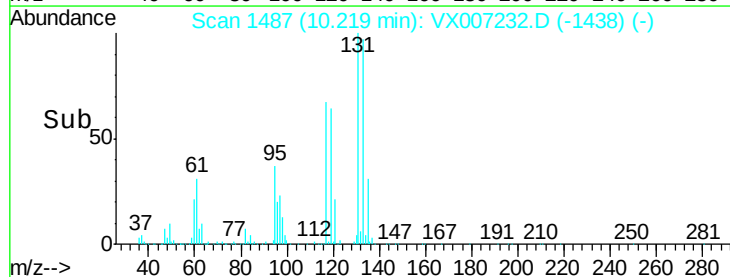
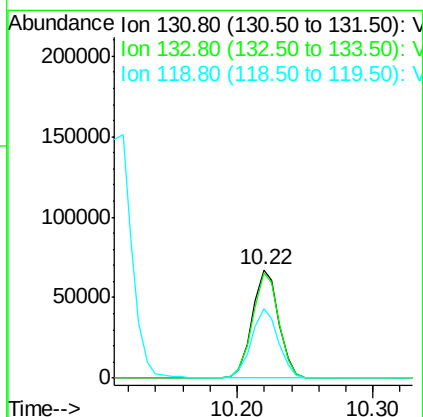
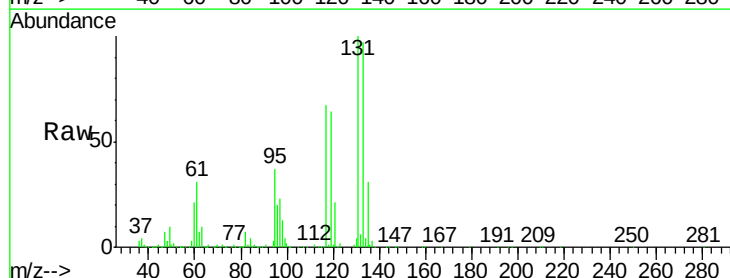
Instrument :
MSVOA_X
ClientSampleId :

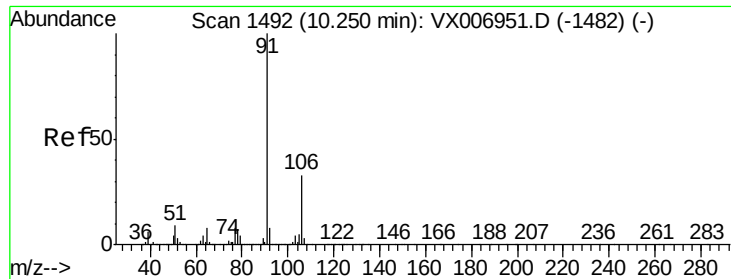
Tot Ion:112 Resp: 260915
Ion Ratio Lower Upper
112 100
114 32.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.633 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion:131 Resp: 92300
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.2
119 65.7 32.6 97.8





#67

Ethyl Benzene

Concen: 18.285 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

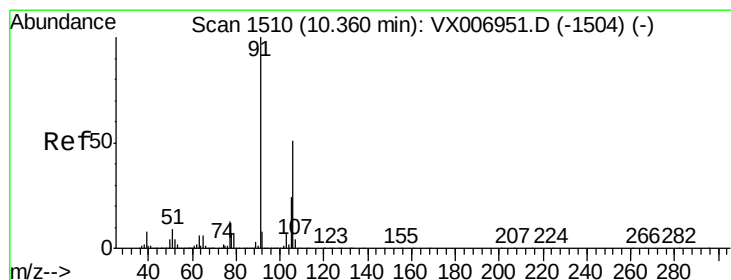
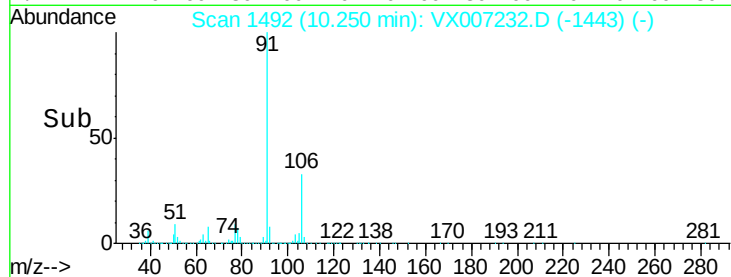
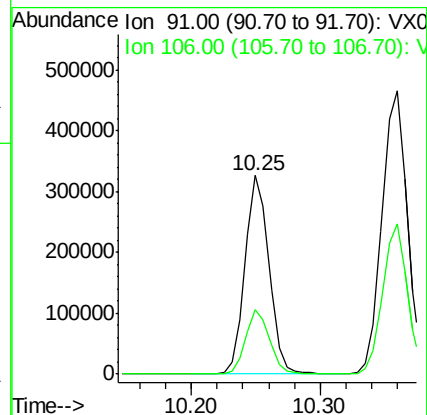
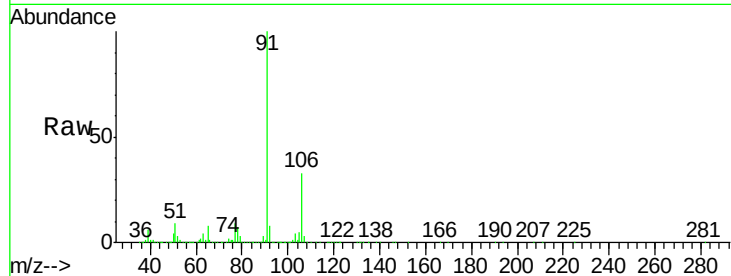
ClientSampleId :

Tot Ion: 91 Resp: 421860

Ion Ratio Lower Upper

91 100

106 32.6 26.4 39.6



#68

m/p-Xylenes

Concen: 36.340 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007232.D

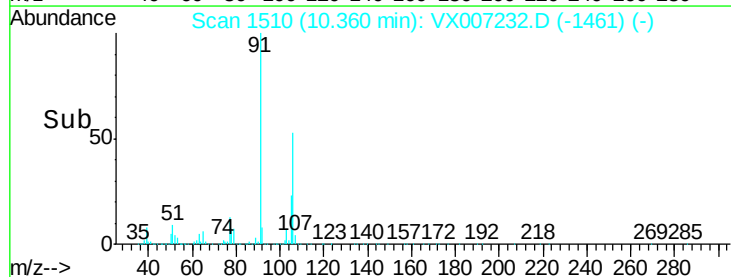
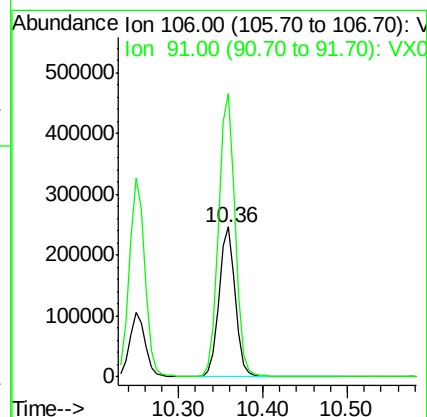
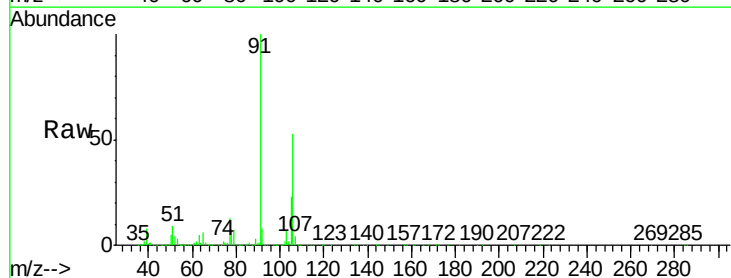
Acq: 25 Jan 2019 16:42

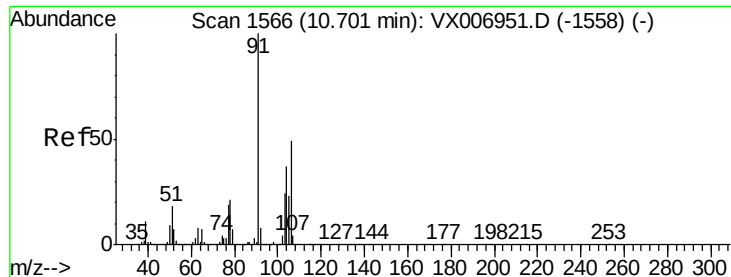
Tgt Ion: 106 Resp: 330318

Ion Ratio Lower Upper

106 100

91 192.8 155.8 233.6

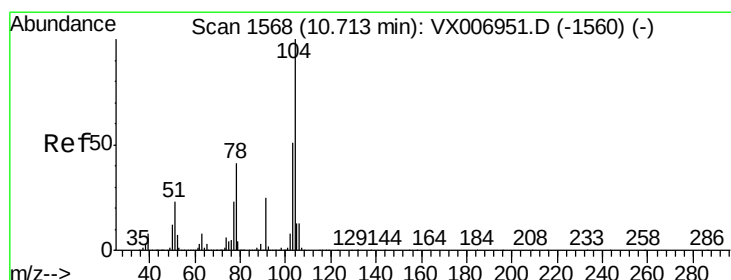
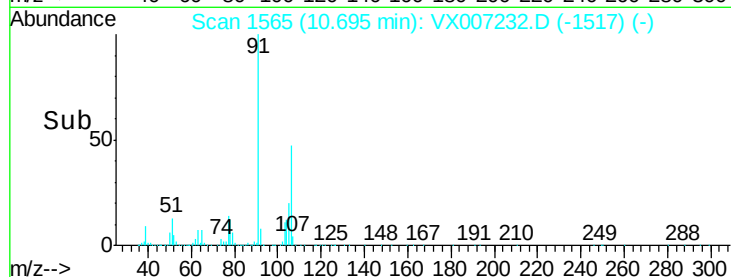
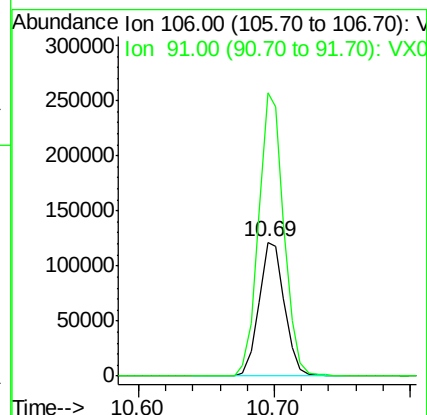
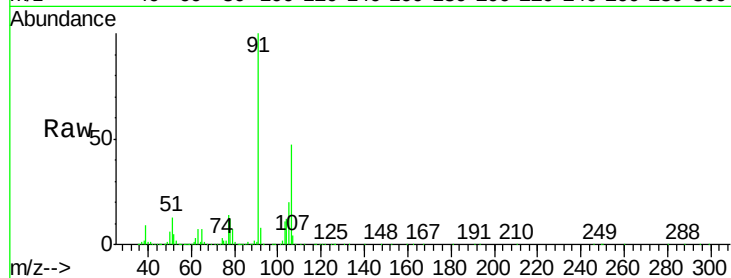




#69
o-Xylene
Concen: 18.143 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

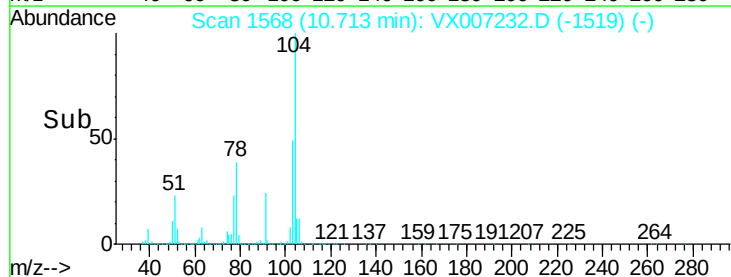
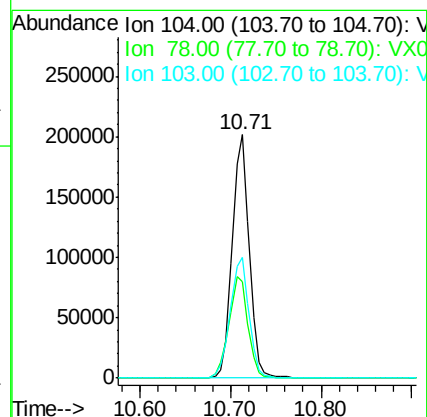
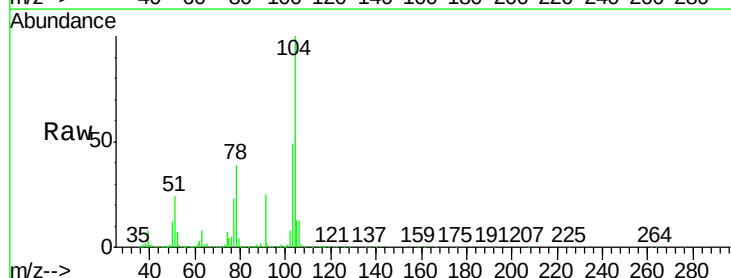
Instrument :
MSVOA_X
ClientSampled :

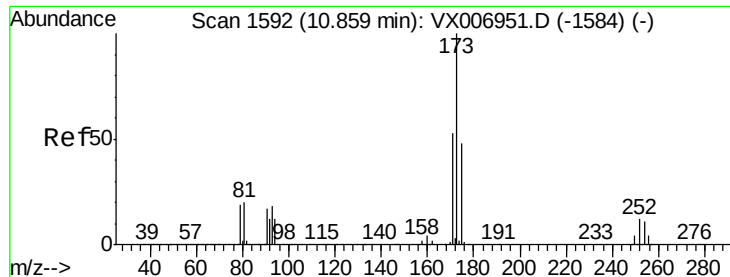
Tot Ion:106 Resp: 160834
Ion Ratio Lower Upper
106 100
91 209.0 101.3 303.7



#70
Styrene
Concen: 18.769 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion:104 Resp: 263508
Ion Ratio Lower Upper
104 100
78 46.9 37.7 56.5
103 55.0 43.8 65.8





#71

Bromoform

Concen: 18.885 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

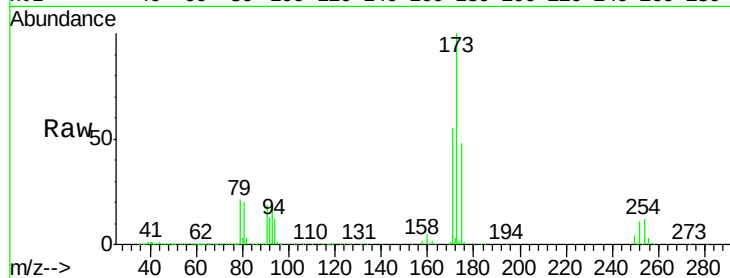
Tot Ion:173 Resp: 65763

Ion Ratio Lower Upper

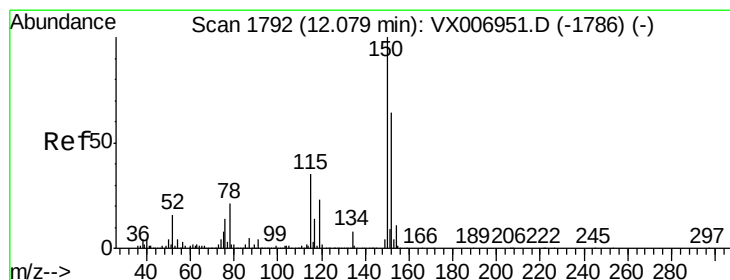
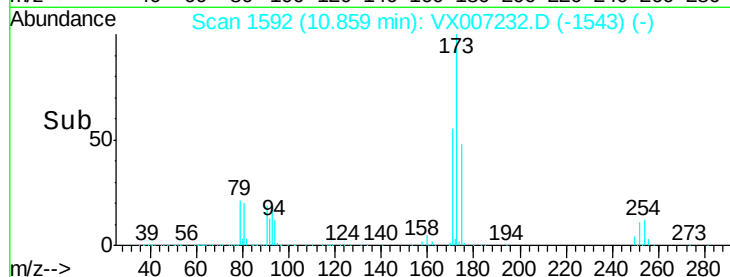
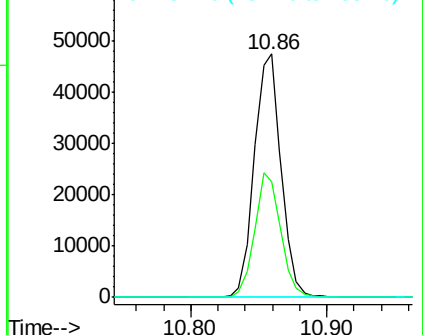
173 100

175 49.7 24.7 74.1

254 0.0 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: VX007232.D

Acq: 25 Jan 2019 16:42

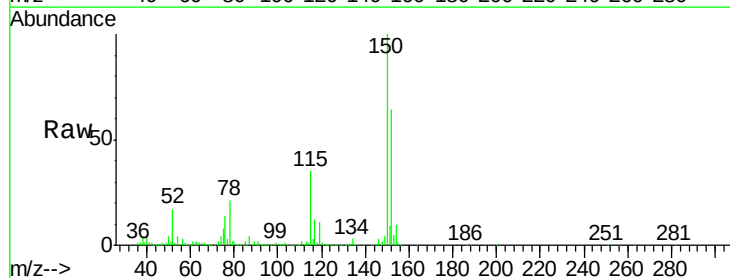
Tgt Ion:152 Resp: 324231

Ion Ratio Lower Upper

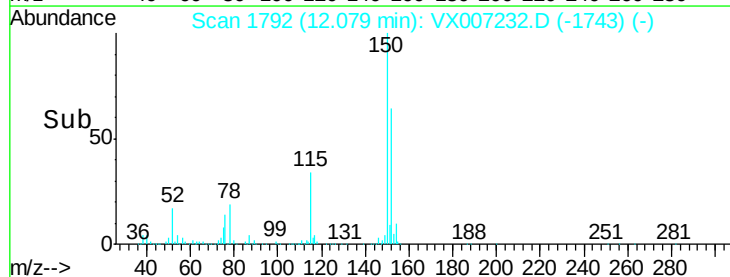
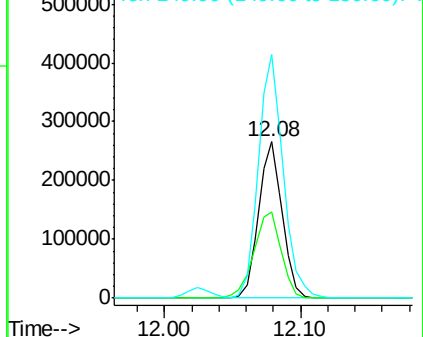
152 100

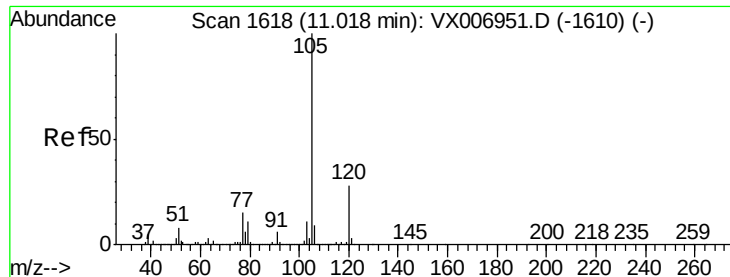
115 64.1 39.1 117.2

150 164.3 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: 18.863 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

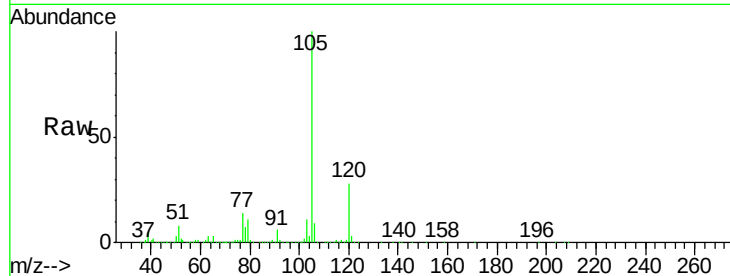
ClientSampleId :

Tot Ion:105 Resp: 431253

Ion Ratio Lower Upper

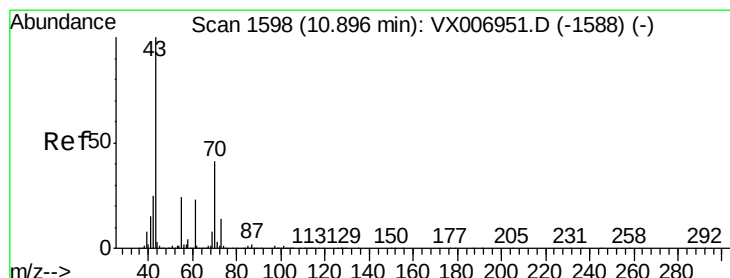
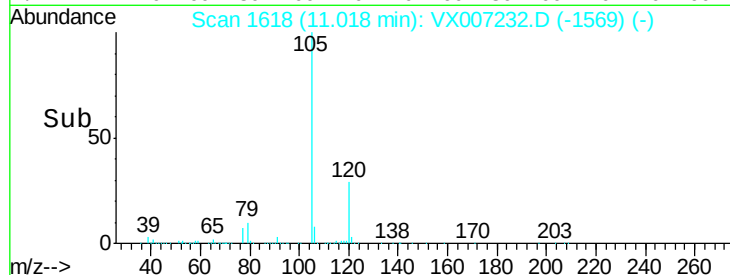
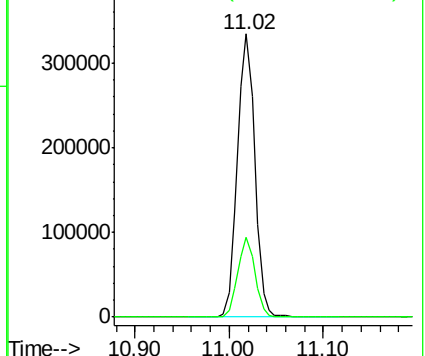
105 100

120 28.0 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: 19.162 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Tgt Ion: 43 Resp: 176391

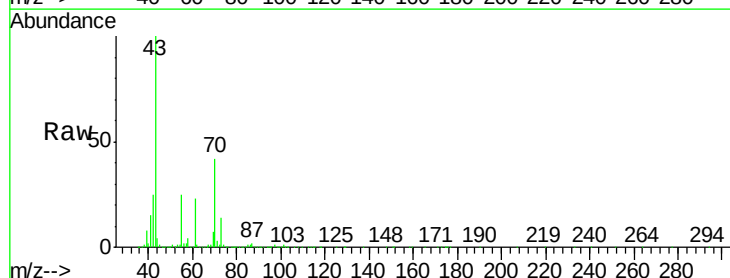
Ion Ratio Lower Upper

43 100

70 41.6 35.8 53.8

55 25.0 19.4 29.0

61 23.5 20.1 30.1

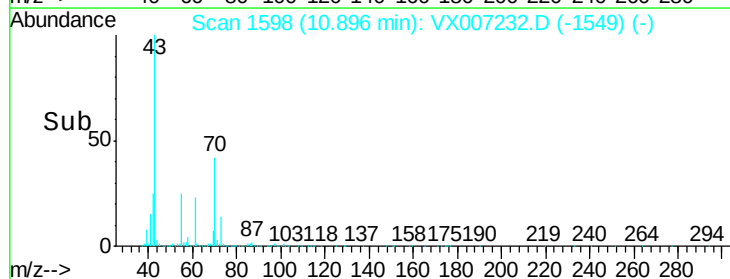
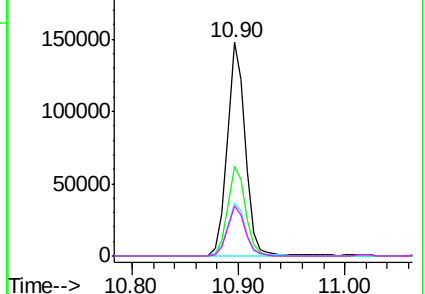


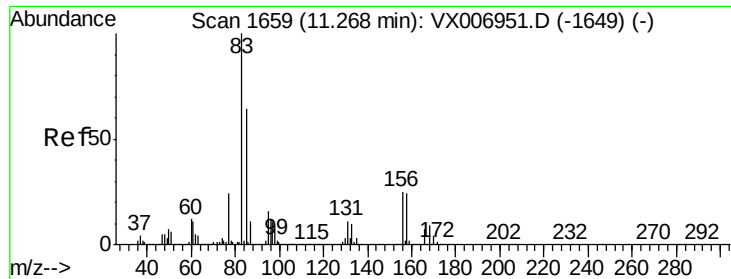
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.989 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

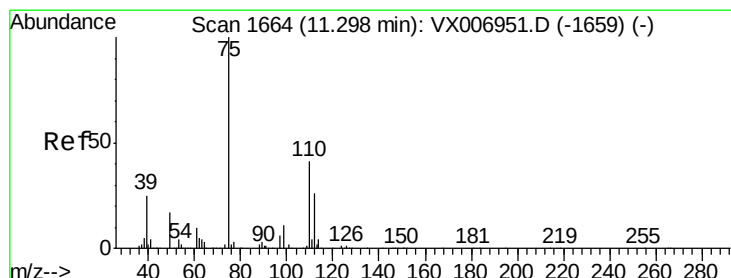
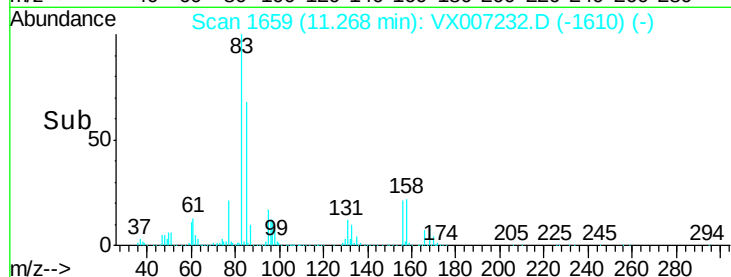
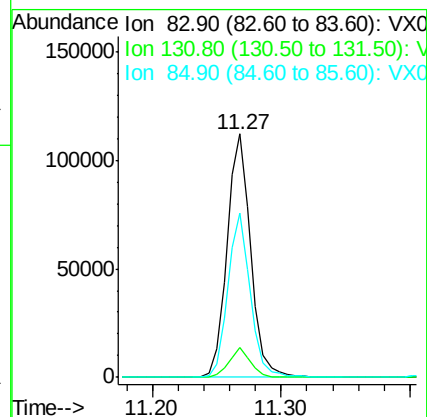
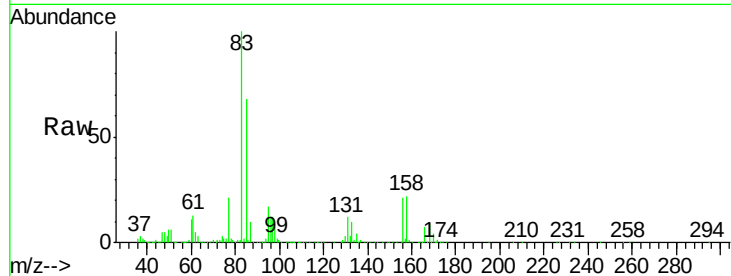
Tot Ion: 83 Resp: 145085

Ion Ratio Lower Upper

83 100

131 11.0 5.7 17.1

85 64.5 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 23.128 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007232.D

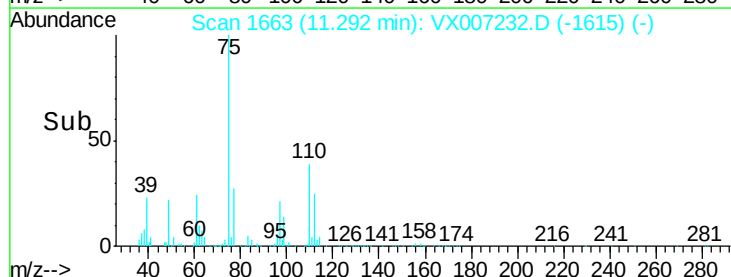
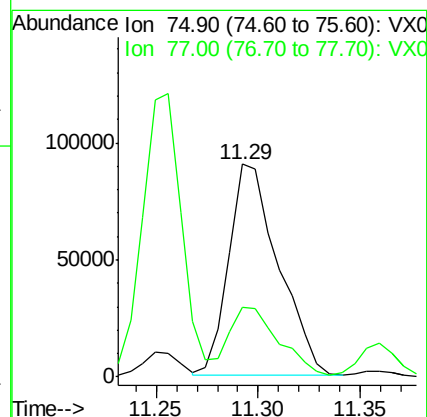
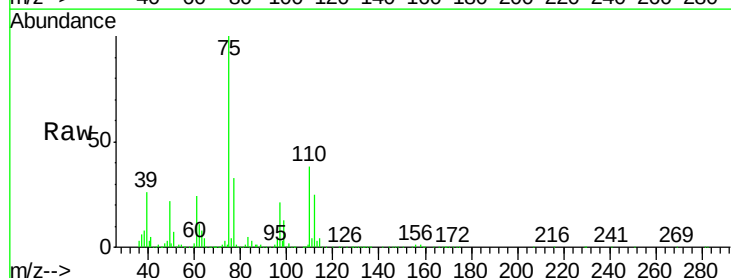
Acq: 25 Jan 2019 16:42

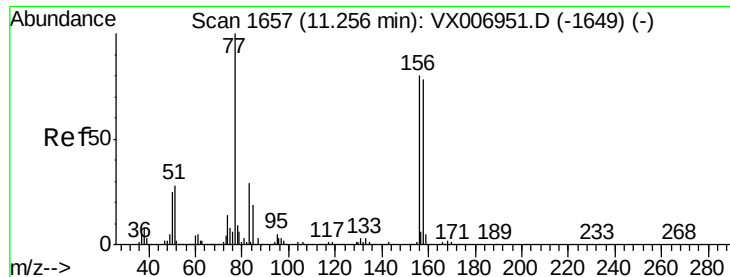
Tgt Ion: 75 Resp: 151961

Ion Ratio Lower Upper

75 100

77 34.4 18.5 55.5





#77

Bromobenzene

Concen: 18.831 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

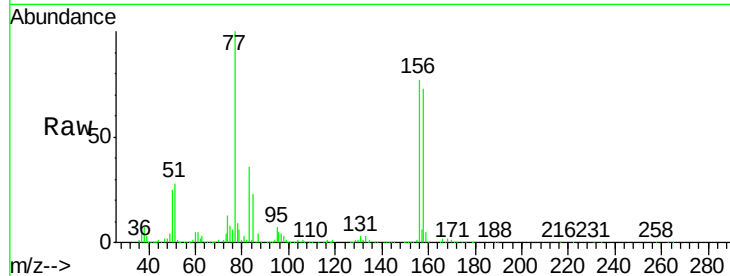
Tot Ion:156 Resp: 118625

Ion Ratio Lower Upper

156 100

77 135.6 68.0 204.0

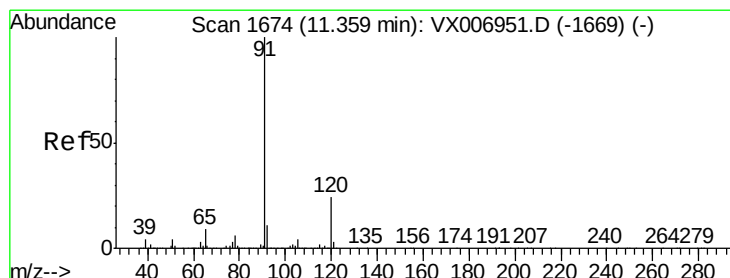
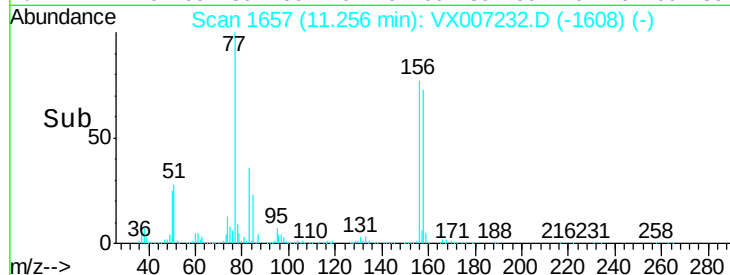
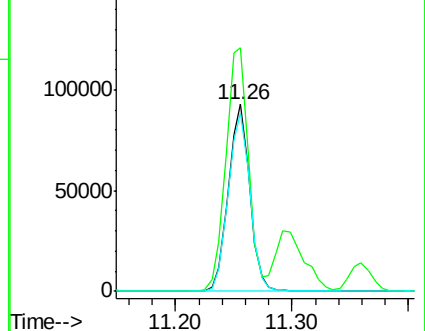
158 97.4 48.3 144.8



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: 18.854 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007232.D

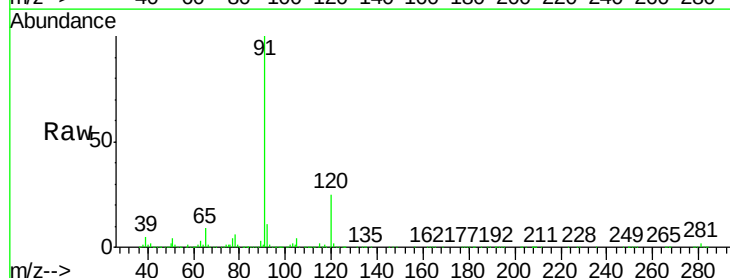
Acq: 25 Jan 2019 16:42

Tgt Ion: 91 Resp: 473198

Ion Ratio Lower Upper

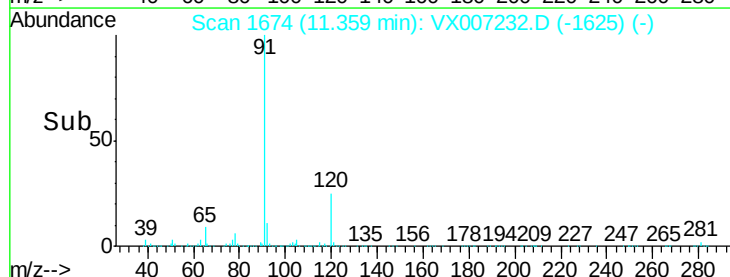
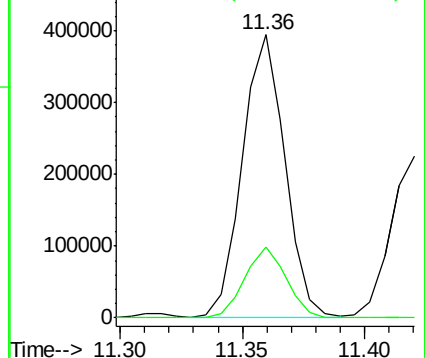
91 100

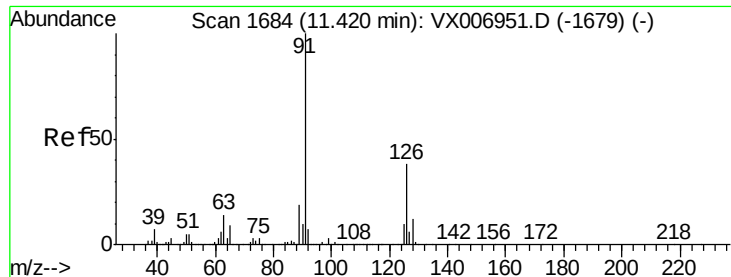
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.827 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

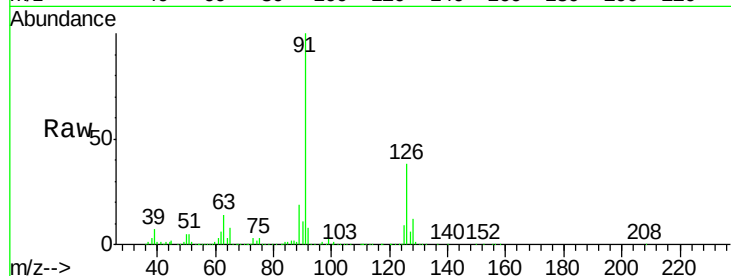
ClientSampleId :

Tot Ion: 91 Resp: 284444

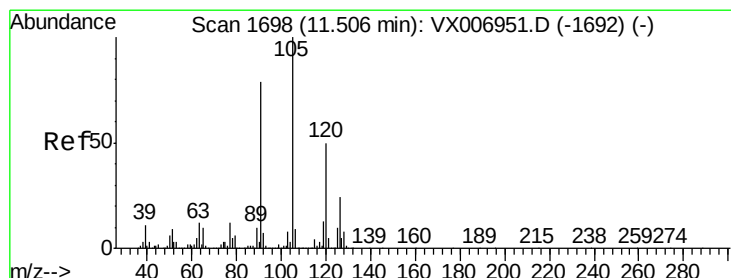
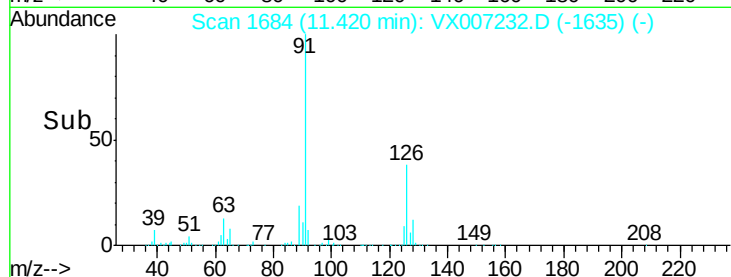
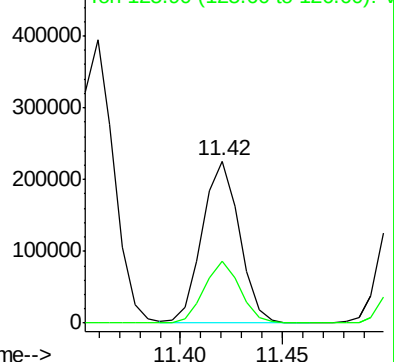
Ion Ratio Lower Upper

91 100

126 37.0 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.584 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007232.D

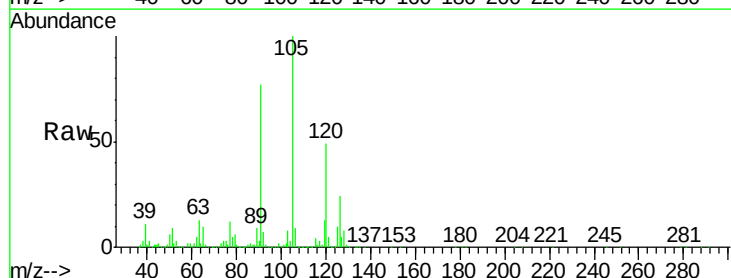
Acq: 25 Jan 2019 16:42

Tgt Ion: 105 Resp: 355021

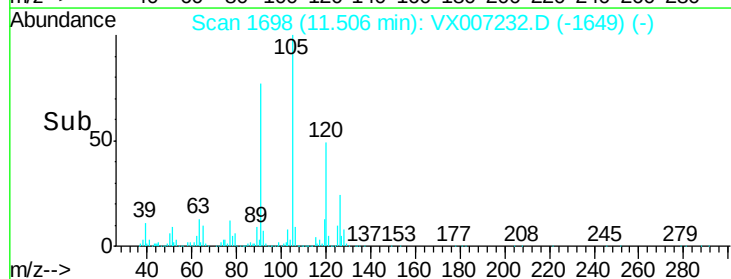
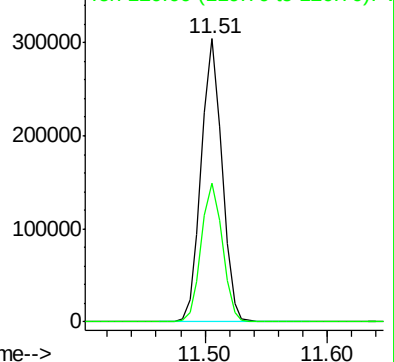
Ion Ratio Lower Upper

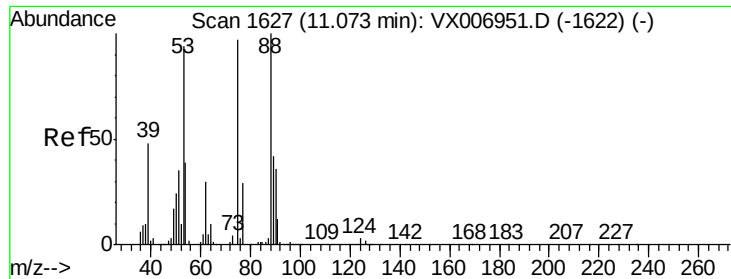
105 100

120 50.2 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

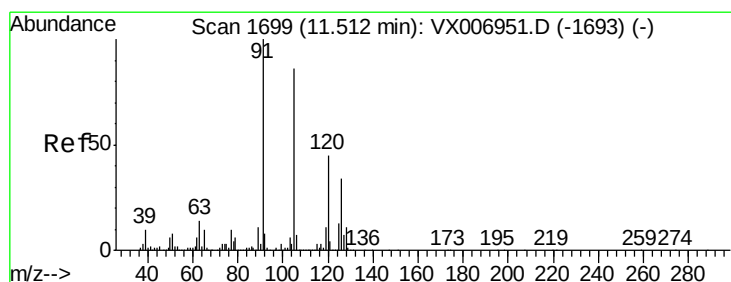
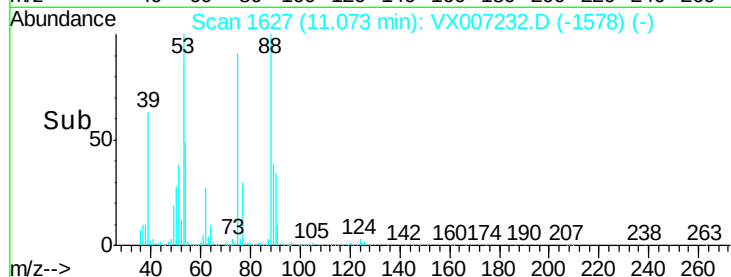
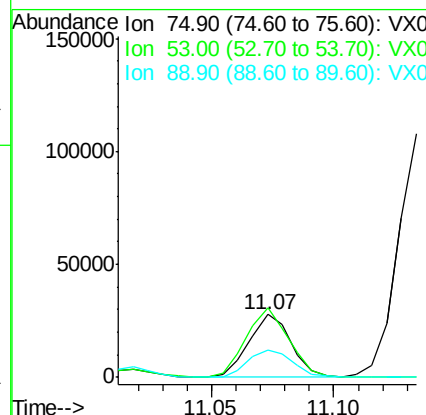
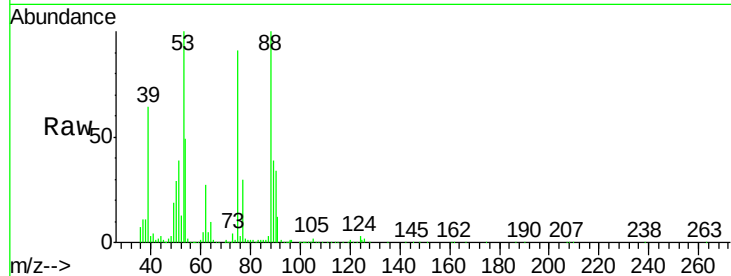




#81
trans-1,4-Dichloro-2-butene
Concen: 17.908 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

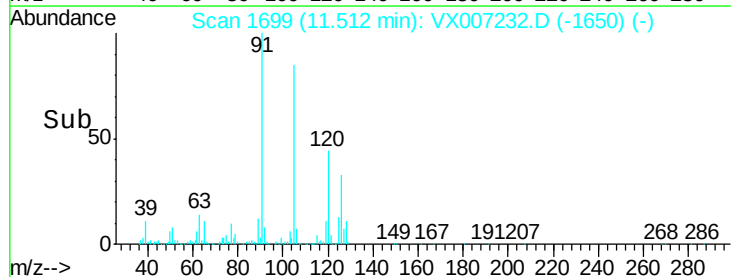
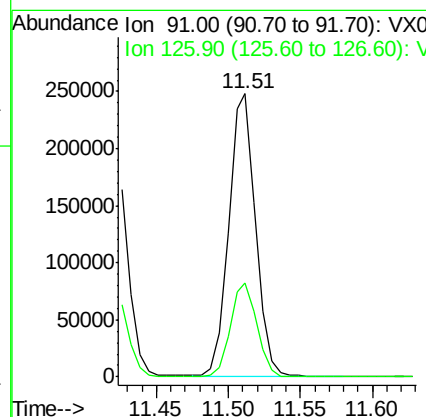
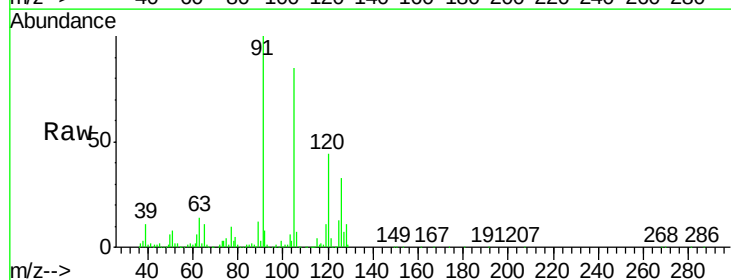
Instrument :
MSVOA_X
ClientSampleId :

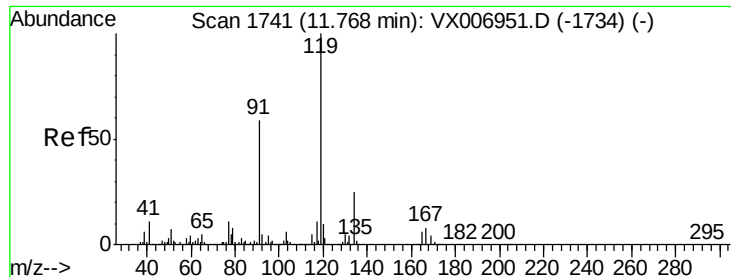
Tot Ion: 75 Resp: 33270
Ion Ratio Lower Upper
75 100
53 111.8 79.7 119.5
89 47.3 38.0 57.0



#82
4-Chlorotoluene
Concen: 18.557 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 91 Resp: 324620
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.003 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

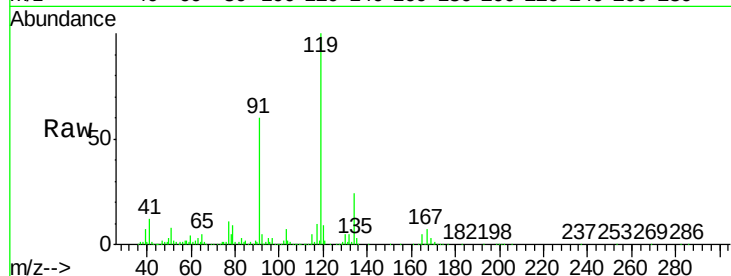
Tot Ion:119 Resp: 362202

Ion Ratio Lower Upper

119 100

91 55.1 27.7 83.1

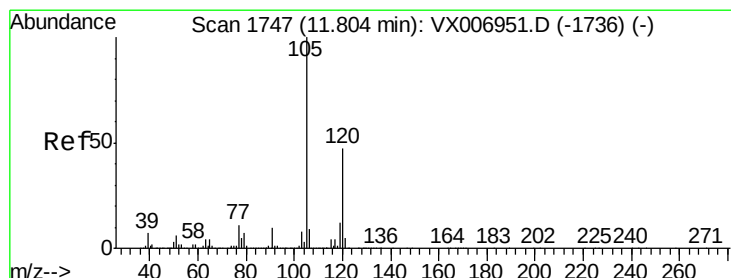
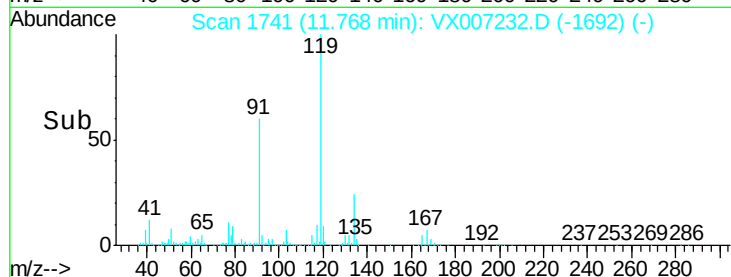
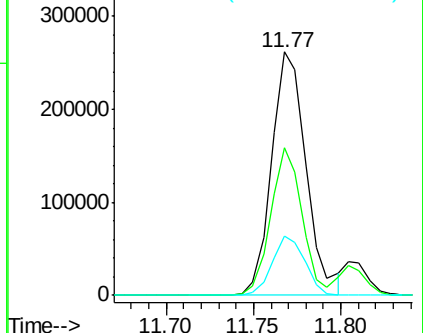
134 23.2 11.9 35.5



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: 18.966 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007232.D

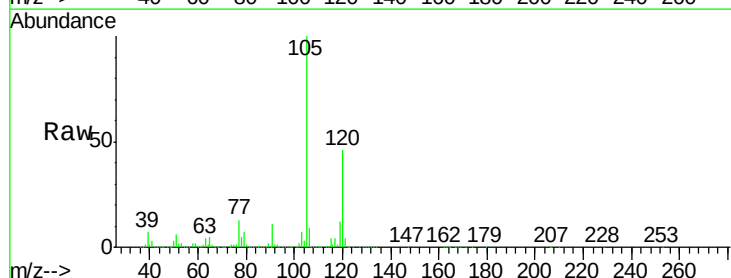
Acq: 25 Jan 2019 16:42

Tgt Ion:105 Resp: 364338

Ion Ratio Lower Upper

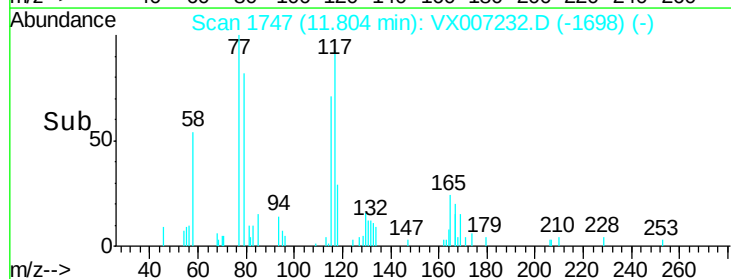
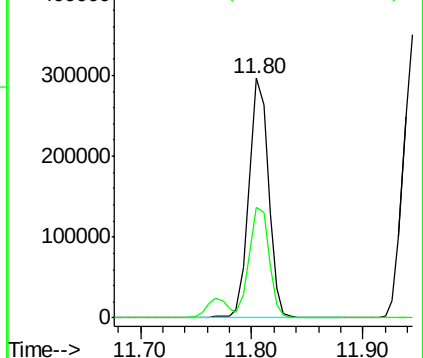
105 100

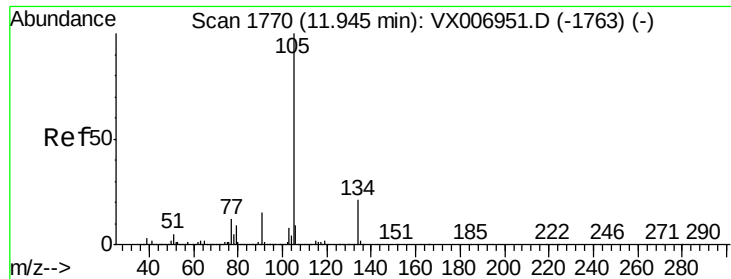
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.814 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

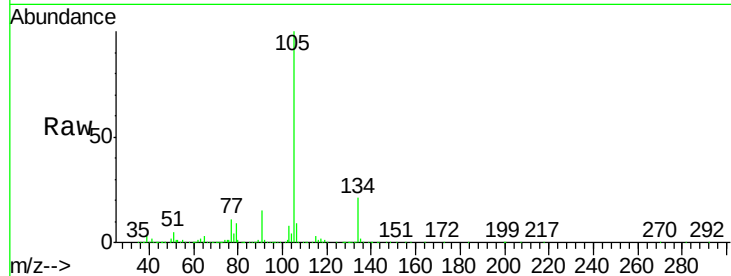
ClientSampleId :

Tot Ion:105 Resp: 428257

Ion Ratio Lower Upper

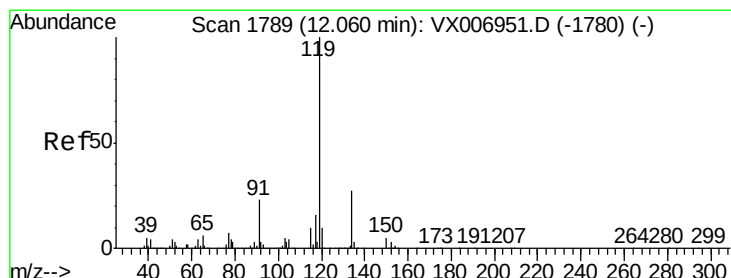
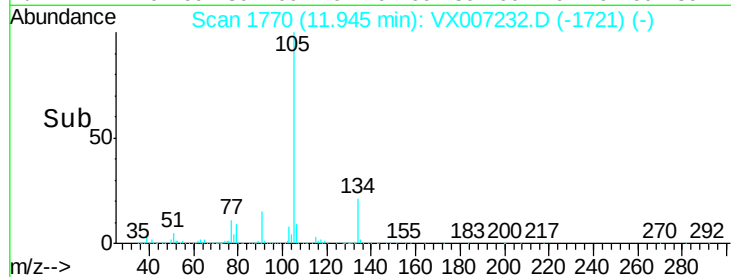
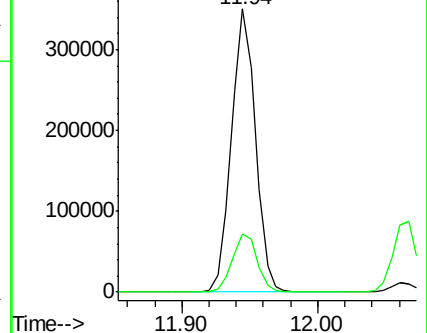
105 100

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: 18.585 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

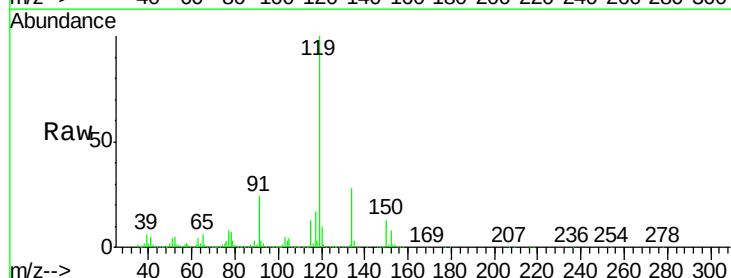
Tgt Ion:119 Resp: 378399

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

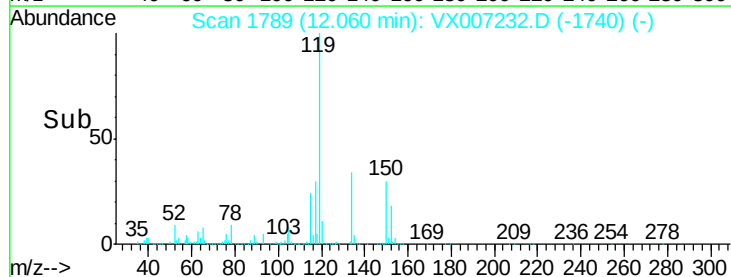
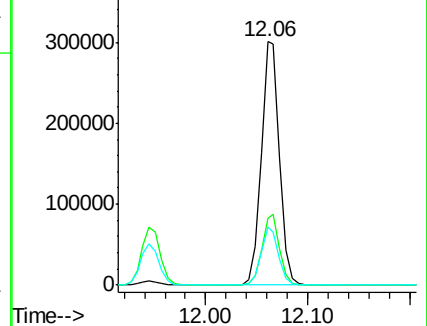
91 22.9 11.3 33.9

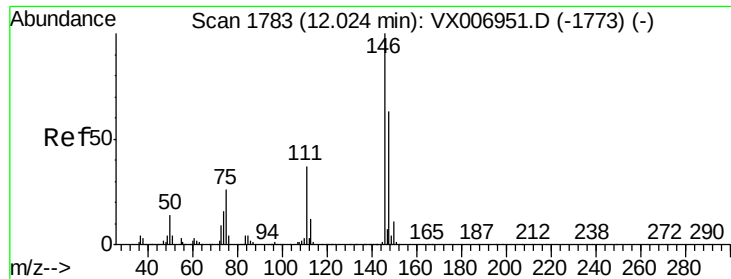


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

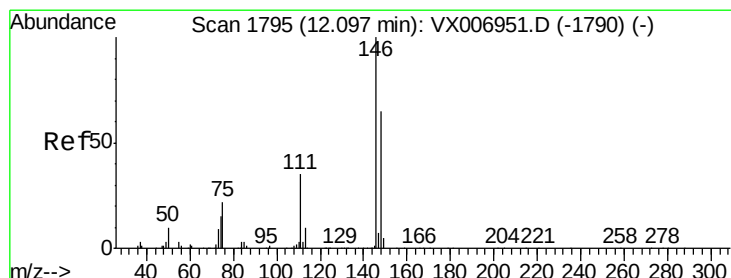
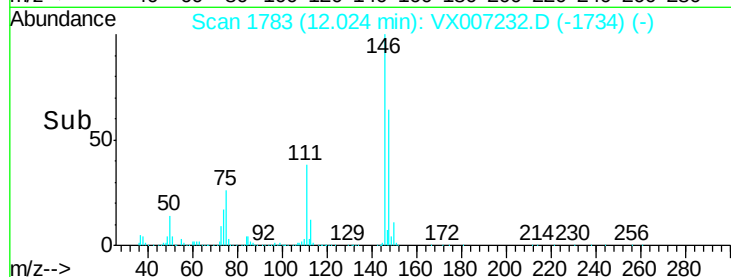
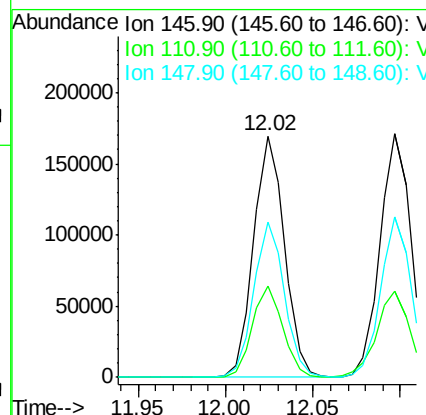
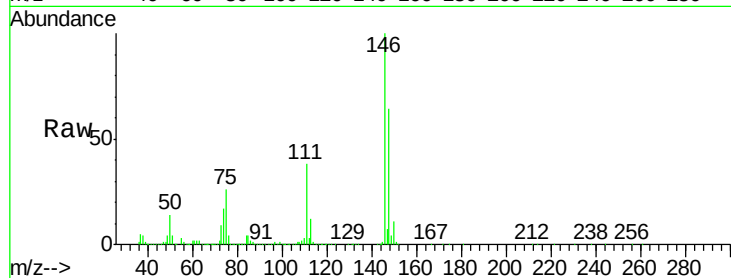




#87
 1,3-Dichlorobenzene
 Concen: 18.300 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

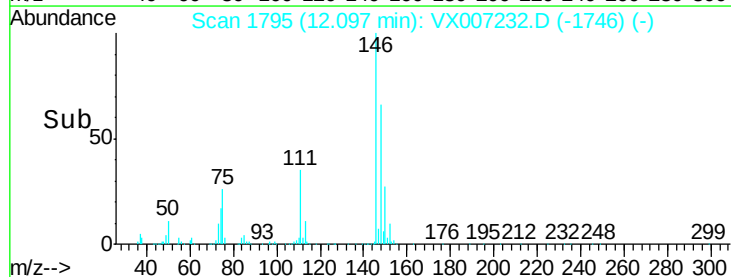
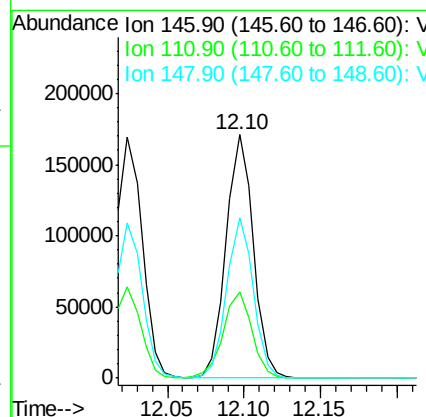
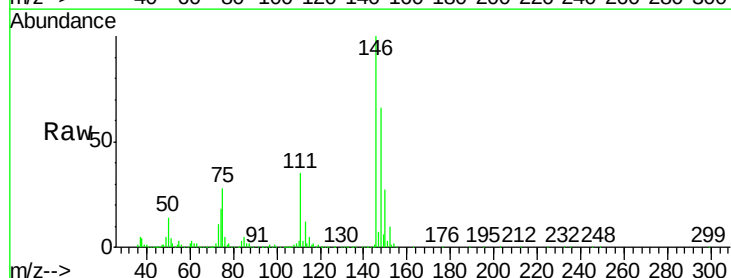
Instrument :
 MSVOA_X
 ClientSampleId :

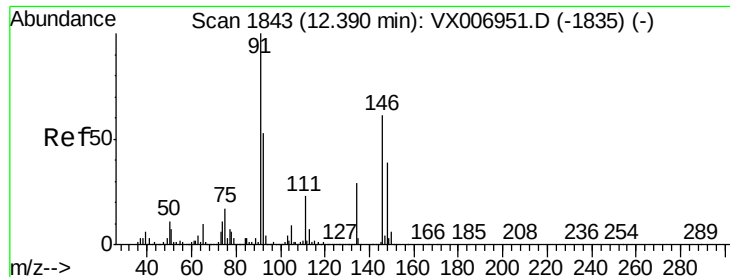
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.8
148	64.1	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.730 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	64.4	31.9	95.9

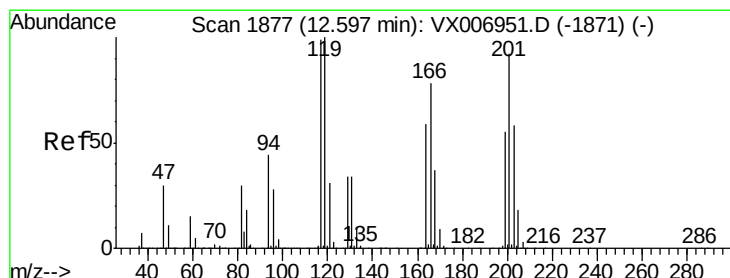
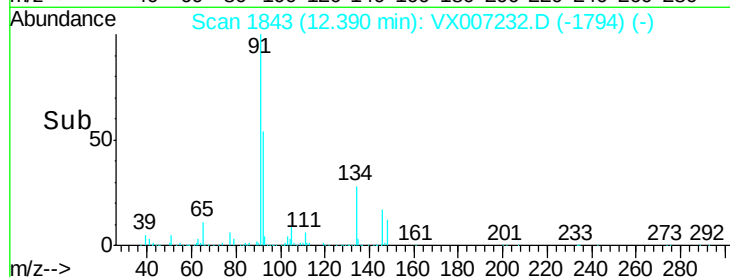
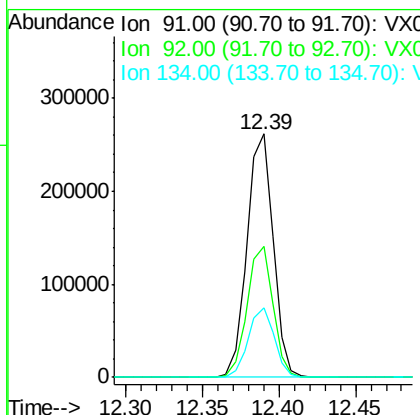
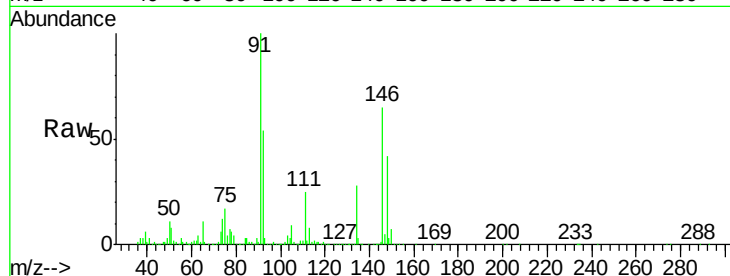




#89
n-Butylbenzene
Concen: 17.967 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

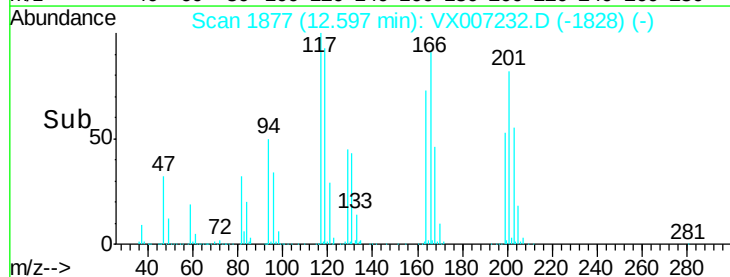
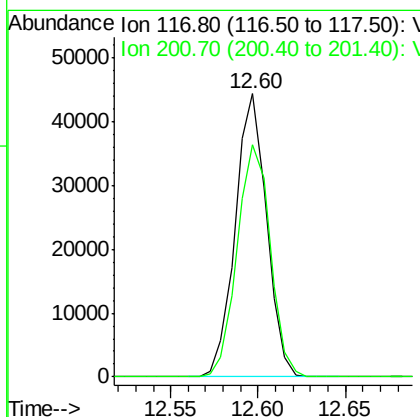
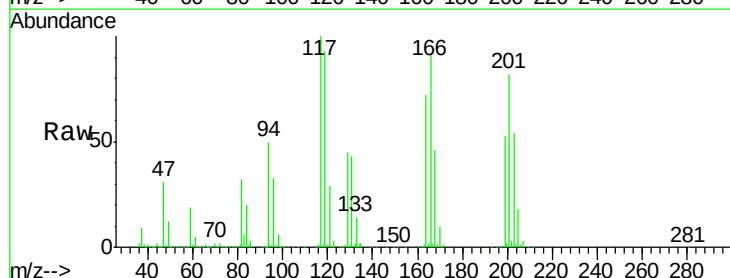
Instrument :
MSVOA_X
ClientSampleId :

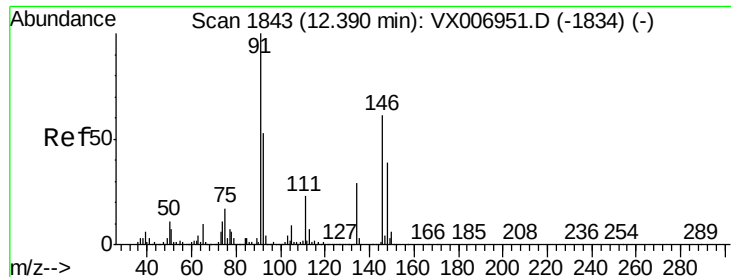
Tot Ion: 91 Resp: 311844
Ion Ratio Lower Upper
91 100
92 53.3 26.8 80.4
134 28.6 14.4 43.2



#90
Hexachloroethane
Concen: 19.014 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007232.D
Acq: 25 Jan 2019 16:42

Tgt Ion: 117 Resp: 55586
Ion Ratio Lower Upper
117 100
201 86.2 42.9 128.7

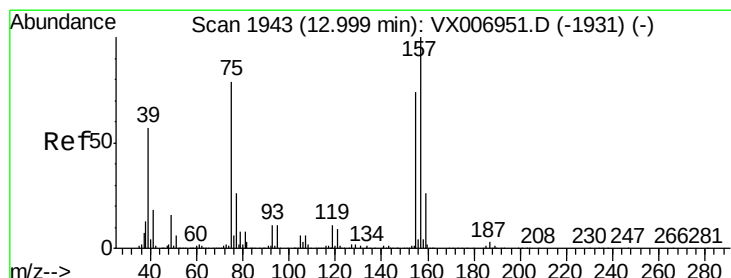
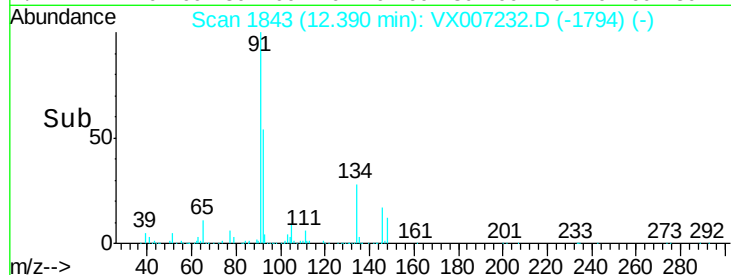
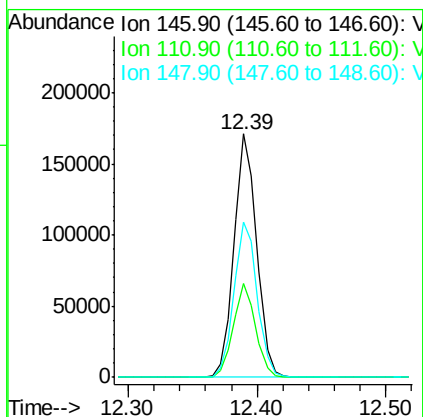
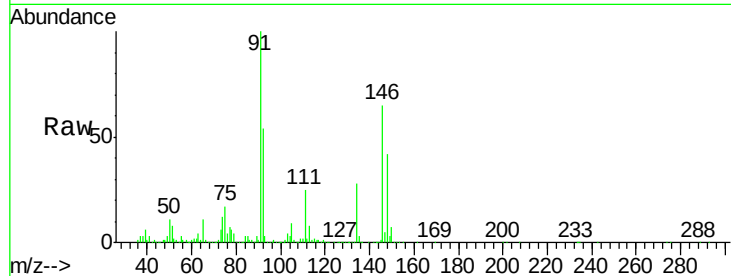




#91
 1,2-Dichlorobenzene
 Concen: 18.730 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

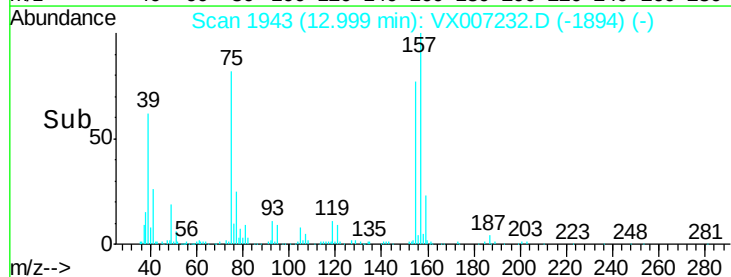
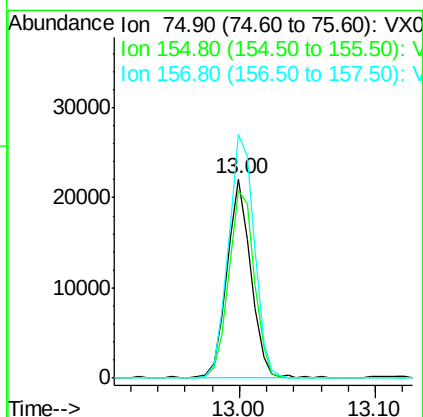
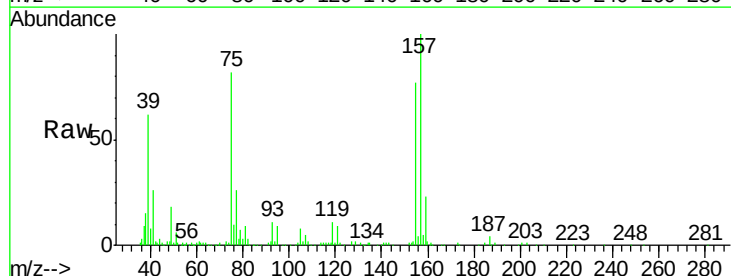
Instrument :
 MSVOA_X
 ClientSampleId :

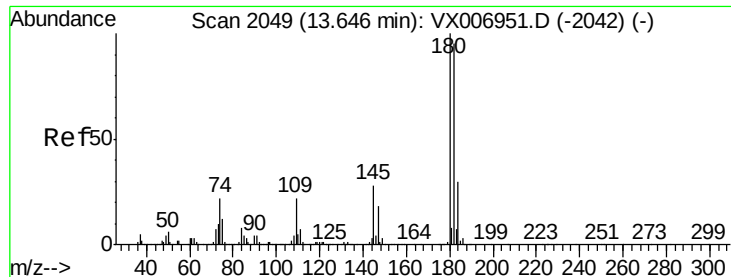
Tot Ion:146 Resp: 210458
 Ion Ratio Lower Upper
 146 100
 111 37.9 19.4 58.2
 148 65.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.528 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion: 75 Resp: 26597
 Ion Ratio Lower Upper
 75 100
 155 101.8 50.6 151.8
 157 133.7 64.6 193.8

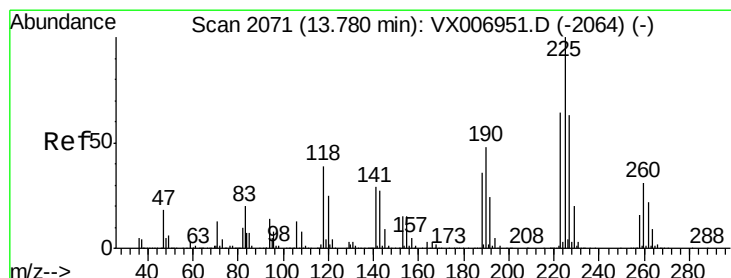
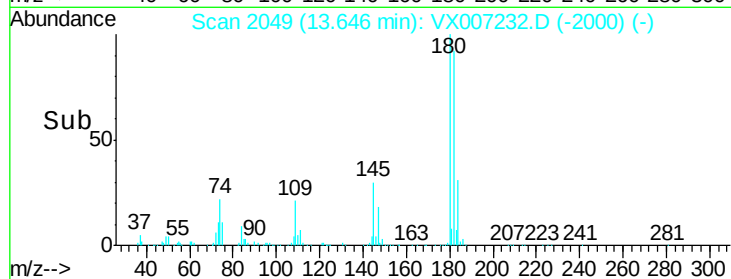
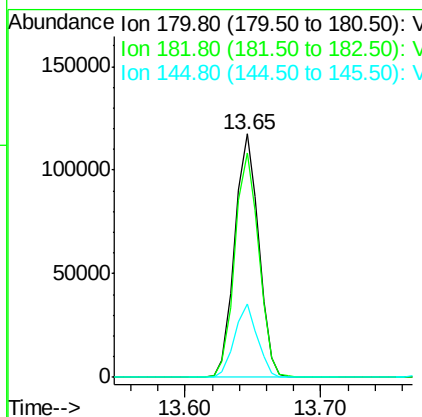
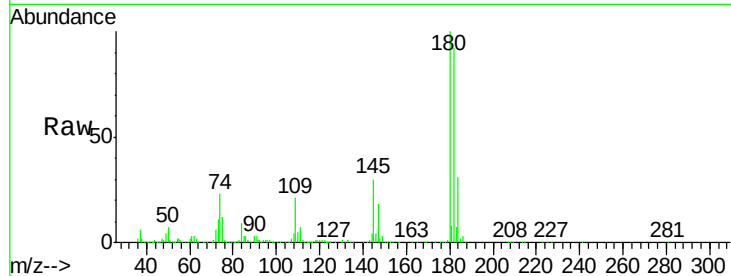




#93
 1,2,4-Trichlorobenzene
 Concen: 18.701 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

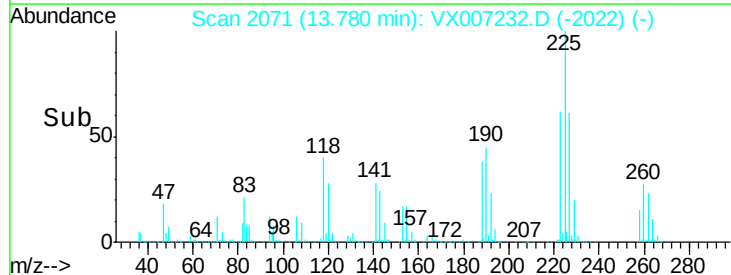
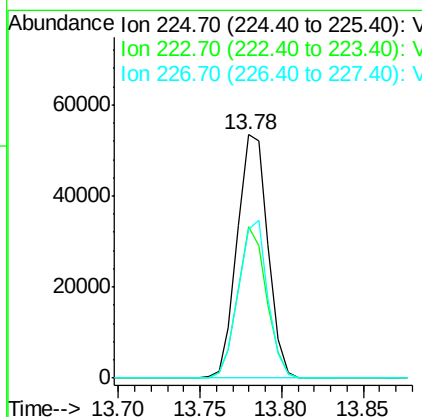
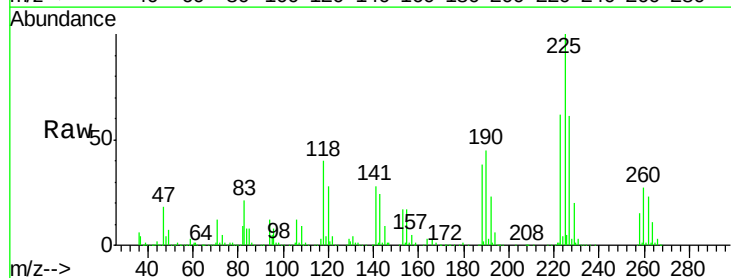
Instrument :
 MSVOA_X
 ClientSampled :

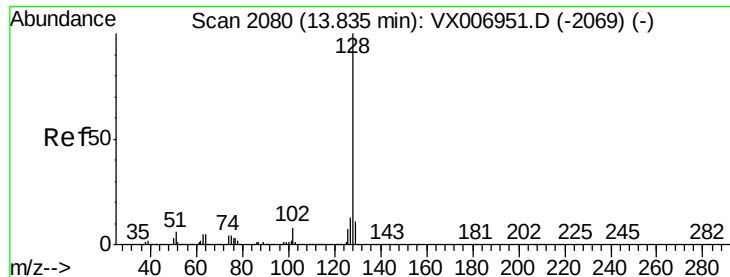
Tot Ion:180 Resp: 144171
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.3 142.0
 145 28.9 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.486 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007232.D
 Acq: 25 Jan 2019 16:42

Tgt Ion:225 Resp: 70083
 Ion Ratio Lower Upper
 225 100
 223 58.6 32.1 96.3
 227 61.9 32.3 96.8





#95

Naphthalene

Concen: 18.648 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

Instrument :

MSVOA_X

ClientSampleId :

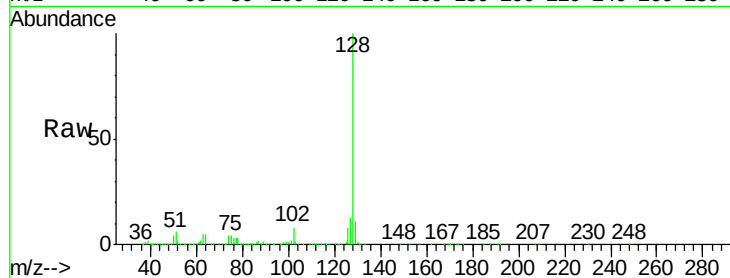
Tot Ion:128 Resp: 435626

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

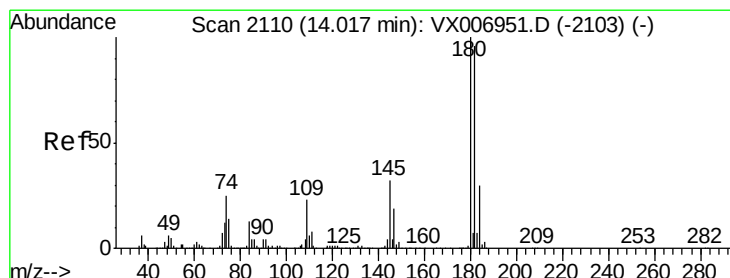
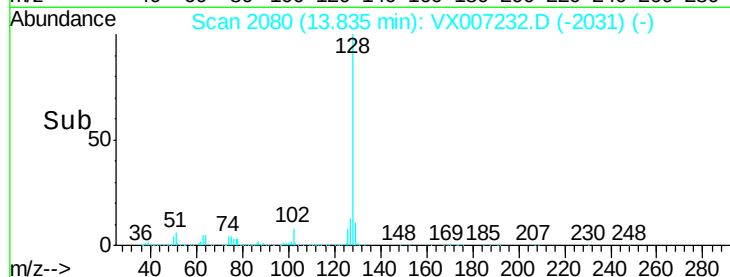
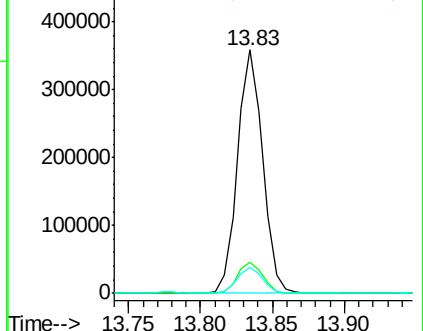
129 10.7 8.6 13.0



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: 18.798 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007232.D

Acq: 25 Jan 2019 16:42

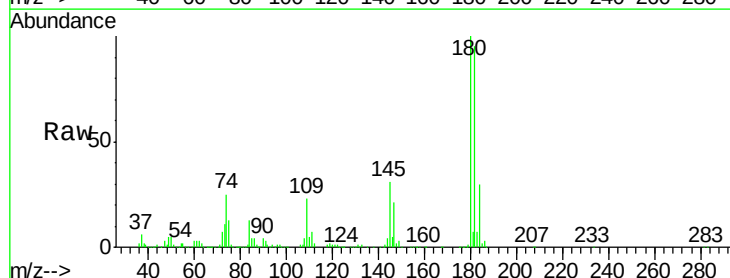
Tgt Ion:180 Resp: 143957

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.5

145 30.1 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

