

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007450.D
 Acq On : 08 Feb 2019 18:49
 Operator : JC/SP
 Sample : VX0208WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:06:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	454728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	685090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	622027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	319996	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	248342	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
35) Dibromofluoromethane	5.50	113	223842	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
50) Toluene-d8	8.71	98	833394	50.39	ug/l	0.00
Spiked Amount			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.13	95	296345	49.08	ug/l	0.00
Spiked Amount			Recovery	=	98.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	109946	19.783	ug/l	98
3) Chloromethane	1.33	50	96388	18.819	ug/l	99
4) Vinyl Chloride	1.41	62	103705	20.639	ug/l	100
5) Bromomethane	1.64	94	84412	16.663	ug/l	97
6) Chloroethane	1.73	64	68436	21.054	ug/l	99
7) Trichlorofluoromethane	1.93	101	159858	20.337	ug/l	100
8) Diethyl Ether	2.19	74	60988	20.614	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	90750	19.409	ug/l	99
10) Methyl Iodide	2.51	142	102836	14.951	ug/l	99
11) Tert butyl alcohol	3.07	59	115564	115.696	ug/l	99
12) 1,1-Dichloroethene	2.38	96	87241	20.094	ug/l	99
13) Acrolein	2.30	56	43442	92.747	ug/l	97
14) Allyl chloride	2.73	41	145942	20.630	ug/l	99
15) Acrylonitrile	3.15	53	262241	106.128	ug/l	99
16) Acetone	2.45	43	233126	105.443	ug/l	97
17) Carbon Disulfide	2.57	76	208063	19.670	ug/l	99
18) Methyl Acetate	2.78	43	137872	24.243	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	289144	20.556	ug/l	98
20) Methylene Chloride	2.86	84	98716	21.636	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	89440	19.338	ug/l	92
22) Diisopropyl ether	3.87	45	269217	20.689	ug/l	99
23) Vinyl Acetate	3.82	43	1112641	103.039	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152611	20.422	ug/l	98
25) 2-Butanone	4.70	43	337734	107.339	ug/l	99
26) 2,2-Dichloropropane	4.59	77	104392	18.343	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	100502	19.895	ug/l	99
28) Bromochloromethane	5.02	49	63697	18.535	ug/l	97
29) Tetrahydrofuran	5.15	42	219063	110.701	ug/l	99
30) Chloroform	5.21	83	162632	20.856	ug/l	99
31) Cyclohexane	5.57	56	129243	19.256	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	135276	20.552	ug/l	99
36) 1,1-Dichloropropene	5.80	75	114120	18.565	ug/l	98
37) Ethyl Acetate	4.85	43	125796	20.245	ug/l	98
38) Carbon Tetrachloride	5.78	117	116448	19.527	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020819\
 Data File : VX007450.D
 Acq On : 08 Feb 2019 18:49
 Operator : JC/SP
 Sample : VX0208WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:06:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	139243	18.723	ug/l	97
40) Benzene	6.14	78	362380	20.013	ug/l	98
41) Methacrylonitrile	5.06	41	67038	20.130	ug/l	97
42) 1,2-Dichloroethane	6.20	62	121163	19.340	ug/l	99
43) Isopropyl Acetate	6.46	43	196965	20.536	ug/l	99
44) Trichloroethene	7.21	130	104373	19.139	ug/l	99
45) 1,2-Dichloropropane	7.52	63	91034	20.066	ug/l	99
46) Dibromomethane	7.66	93	64400	19.531	ug/l	99
47) Bromodichloromethane	7.90	83	110671	19.804	ug/l	98
48) Methyl methacrylate	7.77	41	101739	21.207	ug/l	99
49) 1,4-Dioxane	7.75	88	46822	433.087	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	661563	104.780	ug/l	100
52) Toluene	8.79	92	230904	19.765	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	114763	19.119	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	130415	19.757	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95895	19.692	ug/l	97
56) Ethyl methacrylate	9.18	69	138874	20.590	ug/l	96
57) 1,3-Dichloropropane	9.37	76	155078	20.025	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	347880	97.857	ug/l	99
59) 2-Hexanone	9.49	43	510848	103.975	ug/l	100
60) Dibromochloromethane	9.58	129	94014	20.413	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104393	20.243	ug/l	98
64) Tetrachloroethene	9.33	164	107052	18.260	ug/l	99
65) Chlorobenzene	10.14	112	265377	19.551	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	92315	20.285	ug/l	99
67) Ethyl Benzene	10.25	91	434937	19.897	ug/l	99
68) m/p-Xylenes	10.36	106	335319	38.590	ug/l	99
69) o-Xylene	10.69	106	166255	19.884	ug/l	99
70) Styrene	10.71	104	268226	19.781	ug/l	99
71) Bromoform	10.85	173	69663	20.076	ug/l	98
73) Isopropylbenzene	11.02	105	441093	20.284	ug/l	99
74) N-amyl acetate	10.90	43	173207	20.593	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	146402	22.091	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	156706	25.176	ug/l	81
77) Bromobenzene	11.26	156	120728	19.705	ug/l	99
78) n-propylbenzene	11.36	91	489391	20.524	ug/l	100
79) 2-Chlorotoluene	11.42	91	290412	20.072	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	361818	20.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	34426	19.878	ug/l	94
82) 4-Chlorotoluene	11.51	91	333271	19.906	ug/l	100
83) tert-Butylbenzene	11.77	119	364289	20.682	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	371306	20.558	ug/l	99
85) sec-Butylbenzene	11.94	105	439652	20.624	ug/l	99
86) p-Isopropyltoluene	12.06	119	381756	19.838	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	213541	19.420	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	214466	19.225	ug/l	98
89) n-Butylbenzene	12.39	91	321057	19.394	ug/l	99
90) Hexachloroethane	12.60	117	57096	19.825	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	213664	19.525	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28865	20.947	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020819\
Data File : VX007450.D
Acq On : 08 Feb 2019 18:49
Operator : JC/SP
Sample : VX0208WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 08 23:06:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

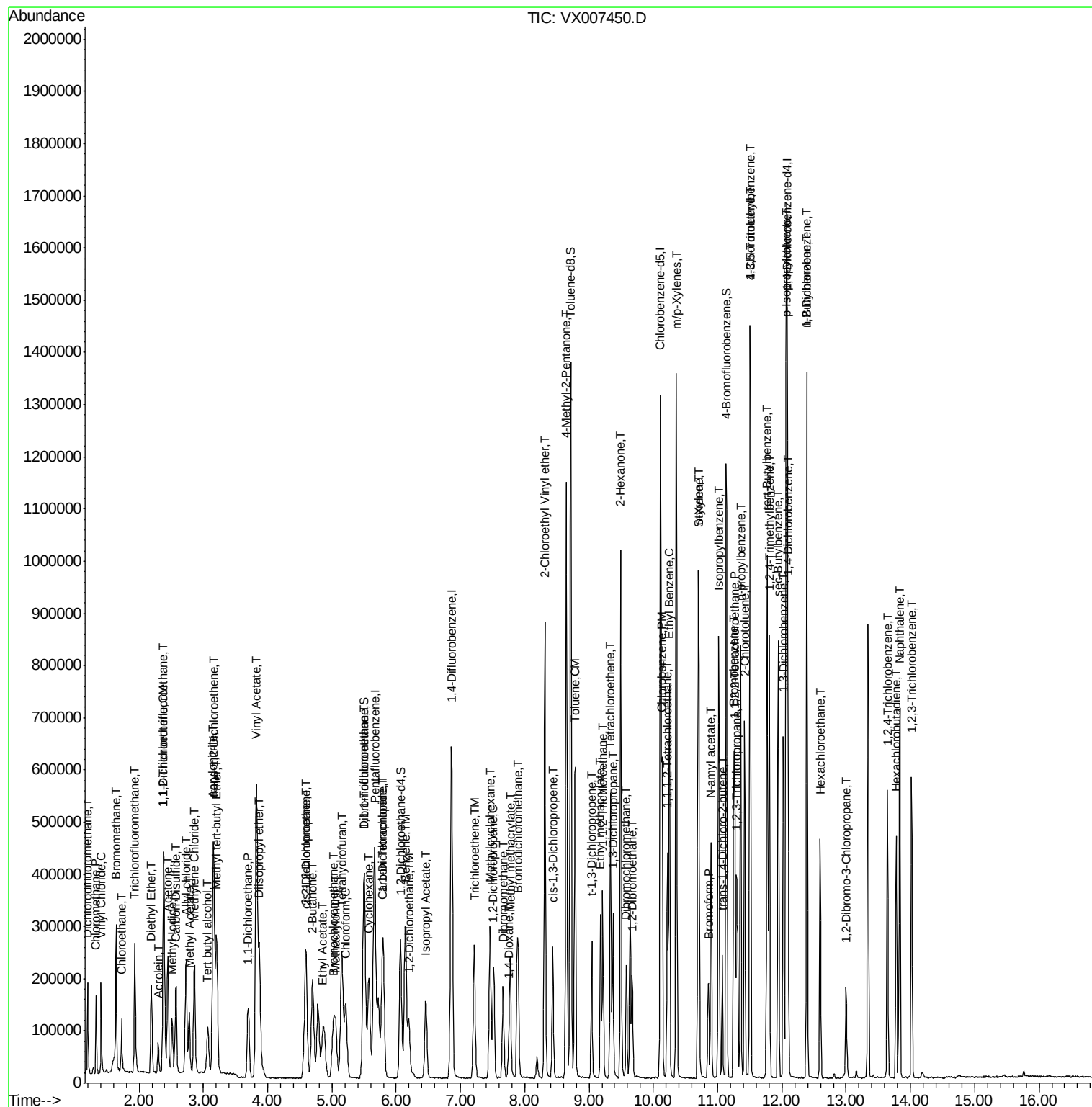
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	141226	19.137	ug/l	99
94) Hexachlorobutadiene	13.78	225	67481	18.831	ug/l	99
95) Naphthalene	13.83	128	446712	20.700	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	142344	19.162	ug/l	99

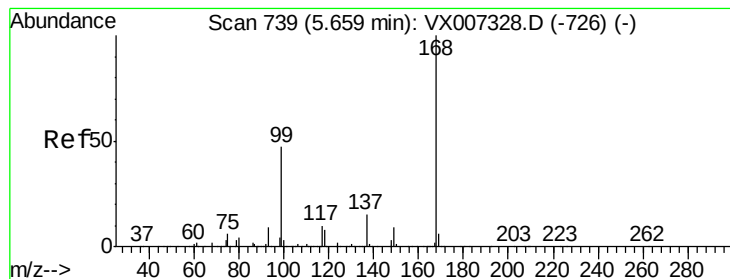
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX020819\
 Data File : VX007450.D
 Acq On : 08 Feb 2019 18:49
 Operator : JC/SP
 Sample : VX0208WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 08 23:06:27 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

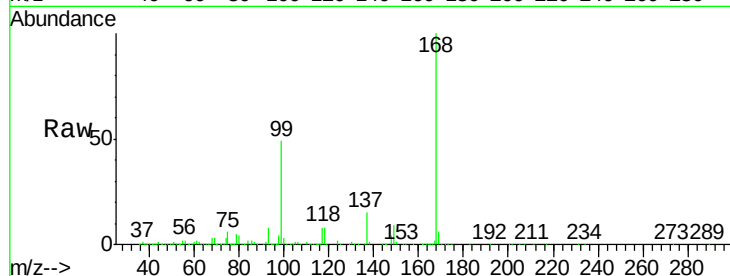
ClientSampleId :

Tot Ion:168 Resp: 454728

Ion Ratio Lower Upper

168 100

99 48.8 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

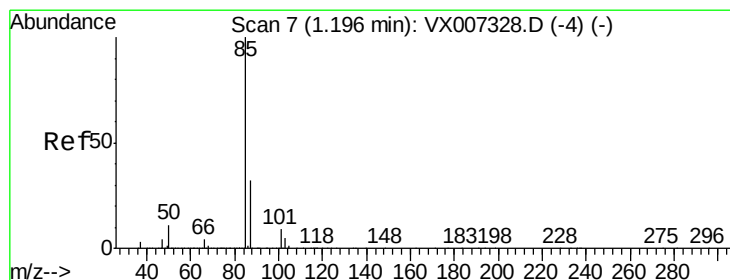
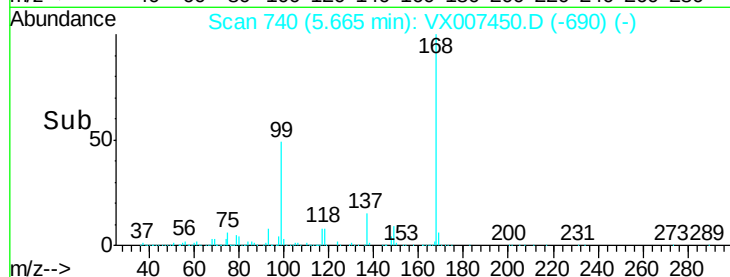
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.783 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007450.D

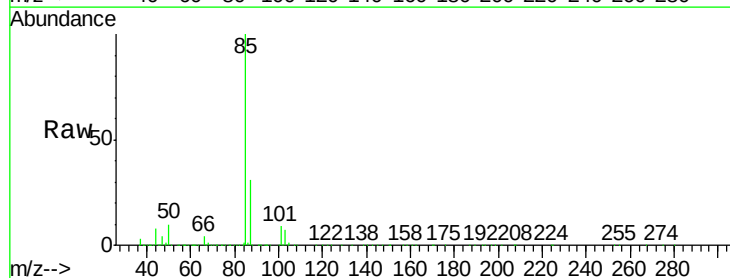
Acq: 08 Feb 2019 18:49

Tgt Ion: 85 Resp: 109946

Ion Ratio Lower Upper

85 100

87 30.7 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

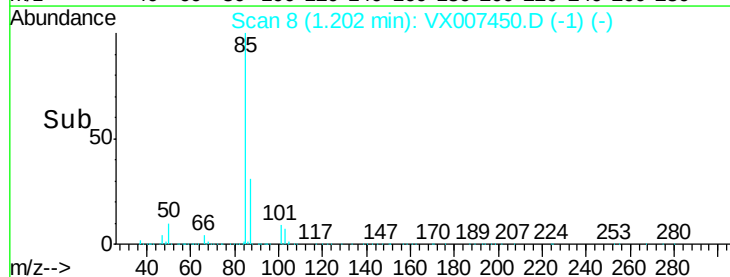
60000

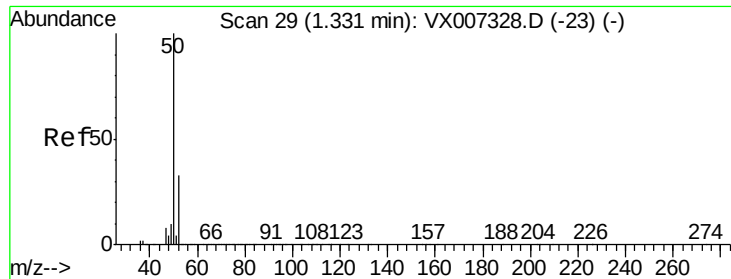
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.819 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

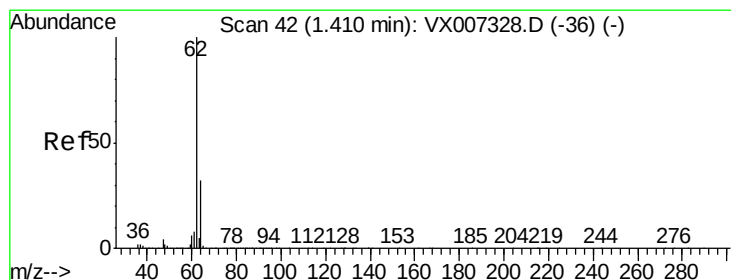
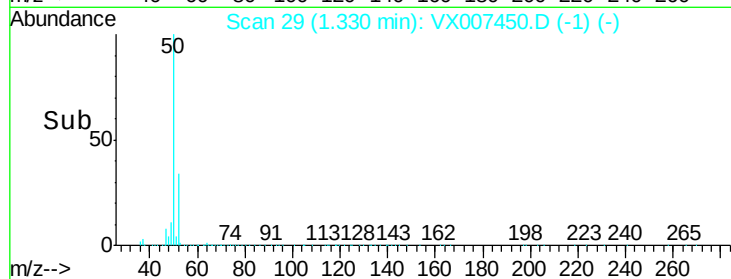
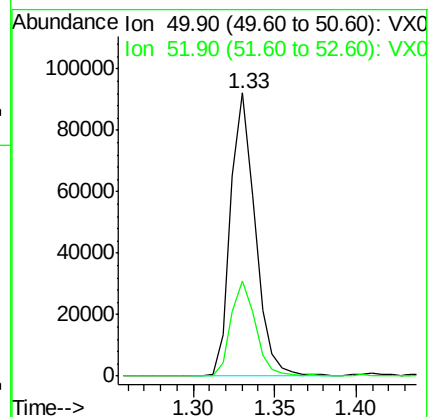
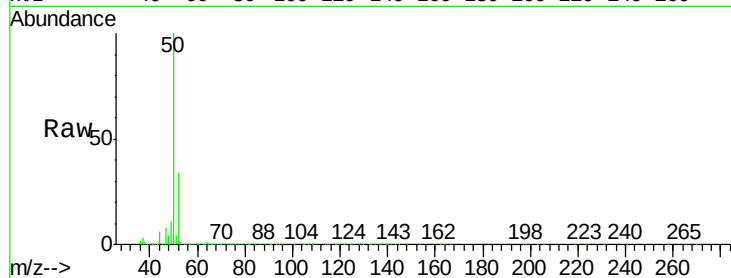
ClientSampleId :

Tot Ion: 50 Resp: 96388

Ion Ratio Lower Upper

50 100

52 33.4 26.1 39.1



#4

Vinyl Chloride

Concen: 20.639 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007450.D

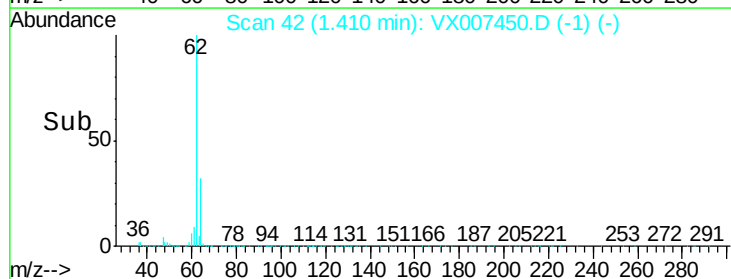
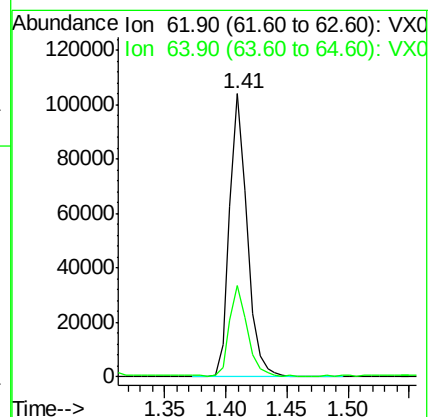
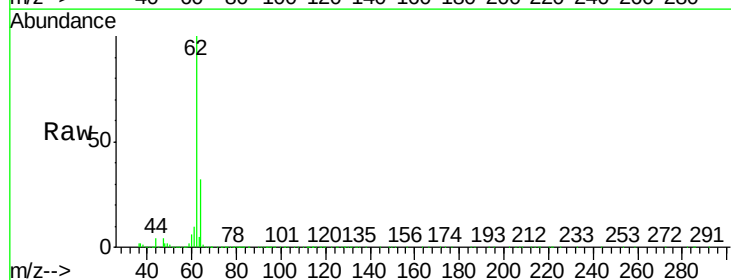
Acq: 08 Feb 2019 18:49

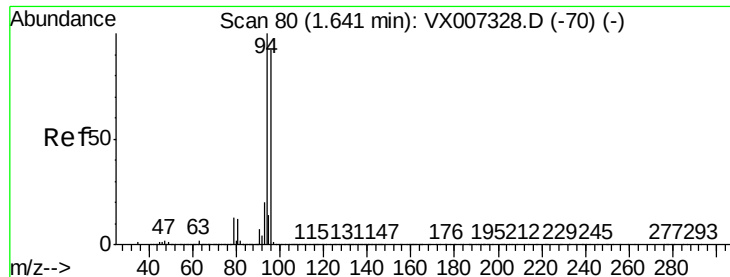
Tgt Ion: 62 Resp: 103705

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 16.663 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

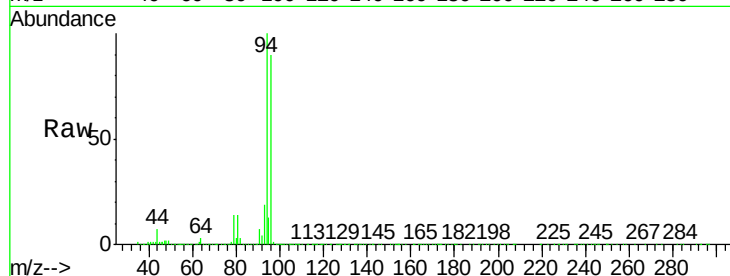
ClientSampleId :

Tot Ion: 94 Resp: 84412

Ion Ratio Lower Upper

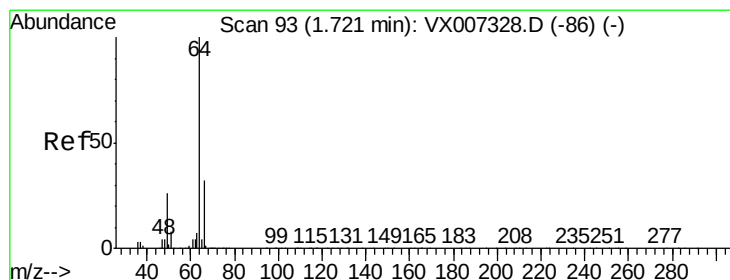
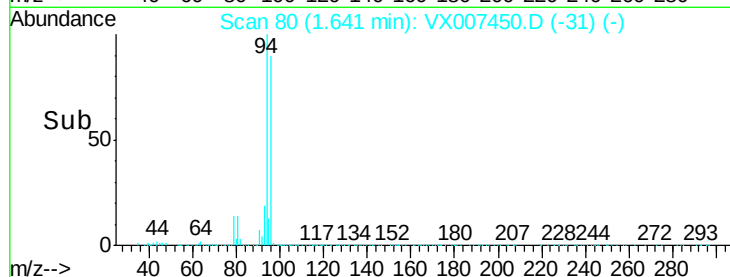
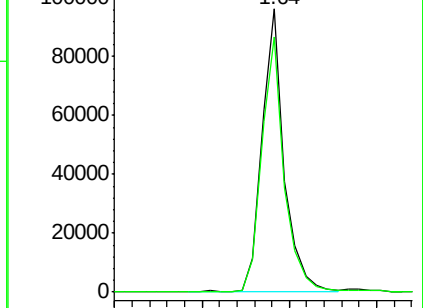
94 100

96 89.9 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.054 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007450.D

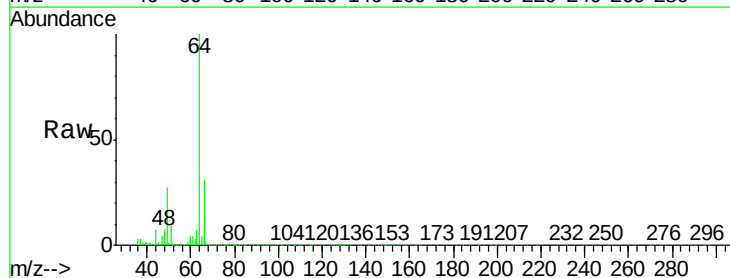
Acq: 08 Feb 2019 18:49

Tgt Ion: 64 Resp: 68436

Ion Ratio Lower Upper

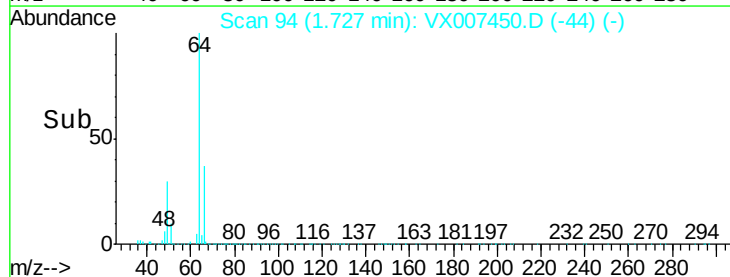
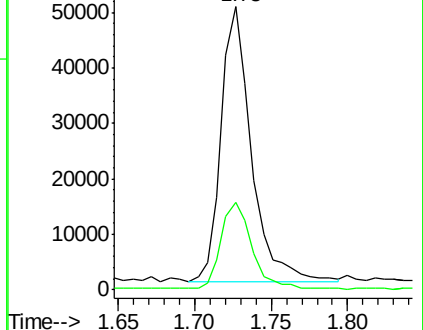
64 100

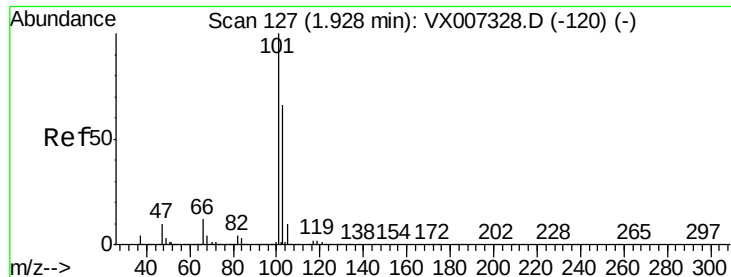
66 31.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



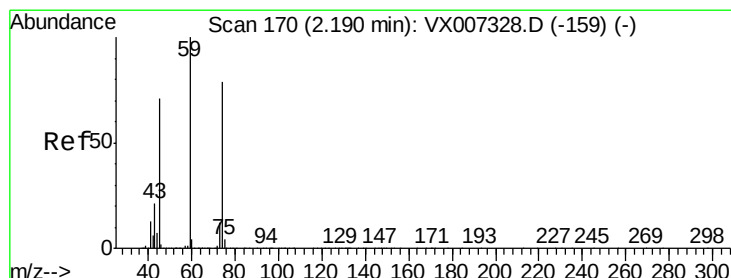
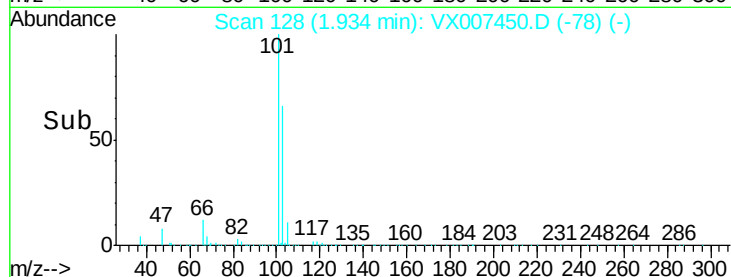
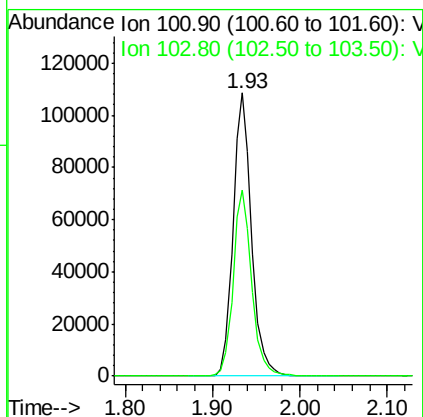
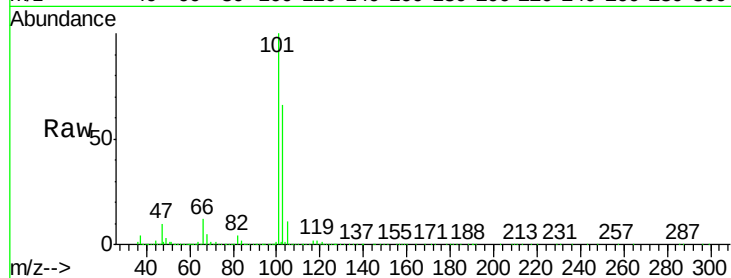


#7

Trichlorofluoromethane
Concen: 20.337 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :

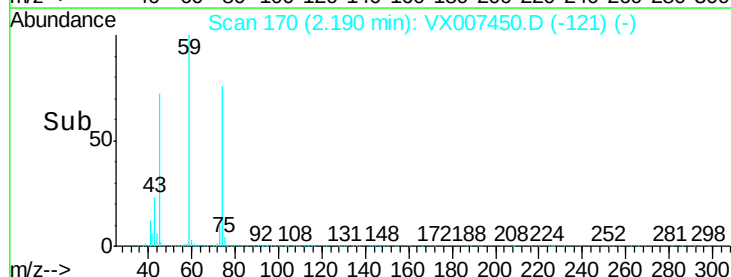
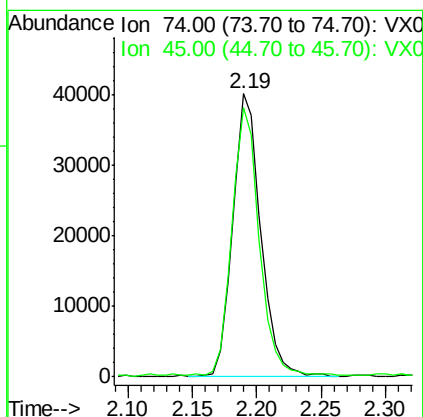
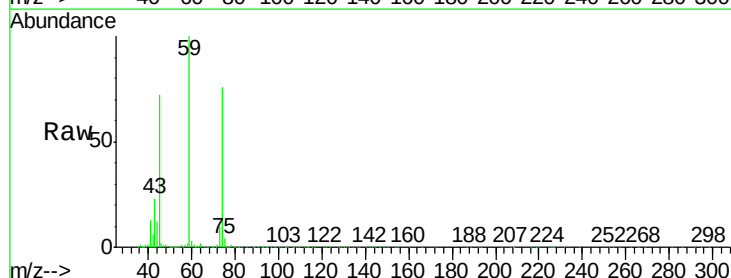
Tot Ion:101 Resp: 159858
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

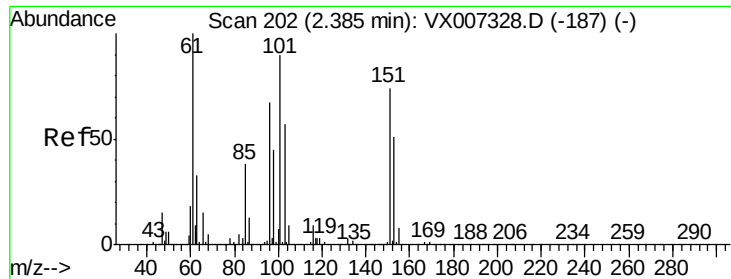


#8

Diethyl Ether
Concen: 20.614 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 74 Resp: 60988
Ion Ratio Lower Upper
74 100
45 92.2 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.409 ug/l

RT: 2.38 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

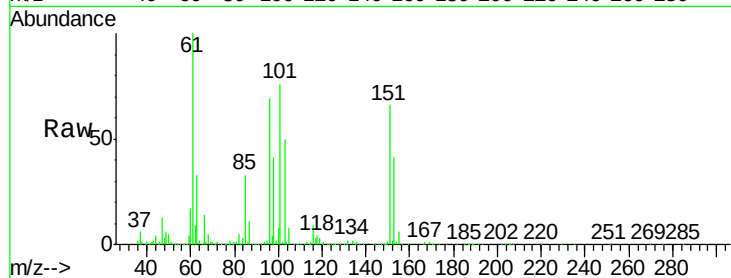
Tot Ion:101 Resp: 90750

Ion Ratio Lower Upper

101 100

85 43.9 34.1 51.1

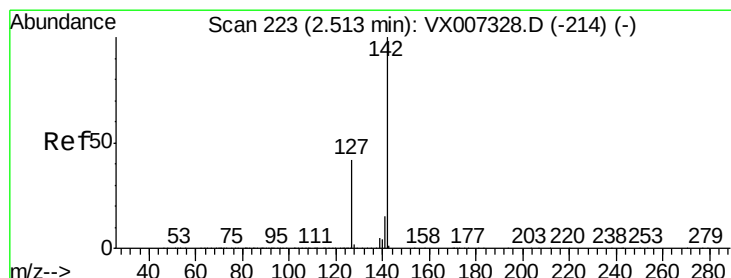
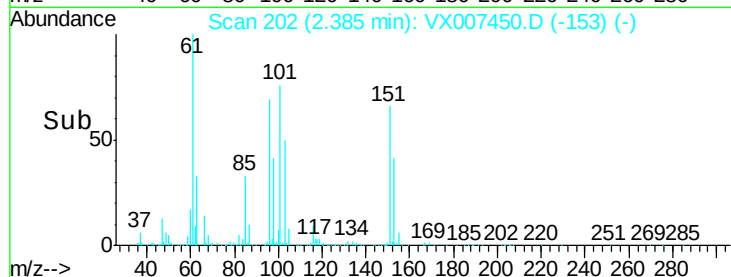
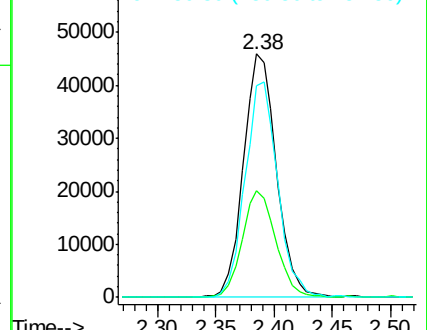
151 87.2 69.9 104.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 14.951 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

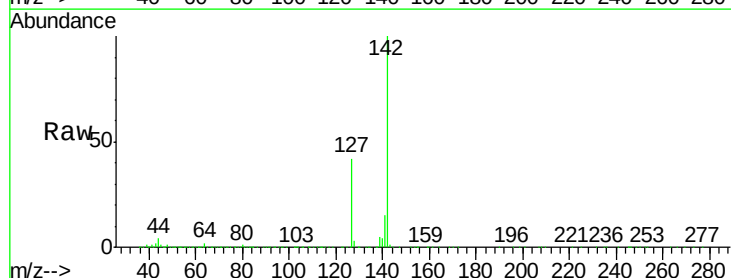
Tgt Ion:142 Resp: 102836

Ion Ratio Lower Upper

142 100

127 42.7 33.7 50.5

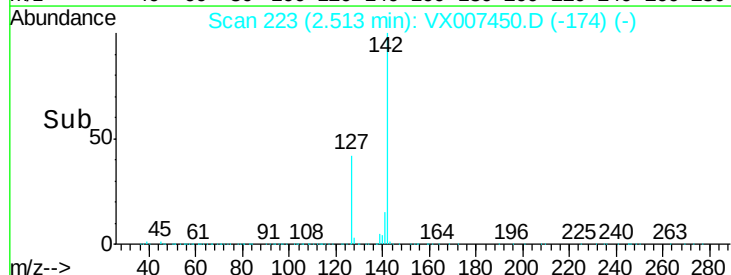
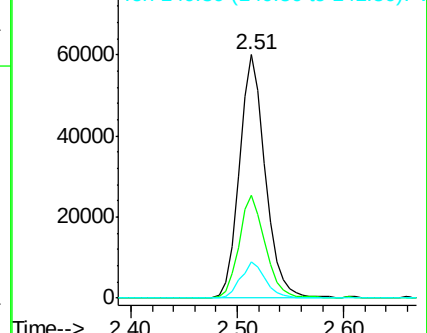
141 14.6 11.3 16.9

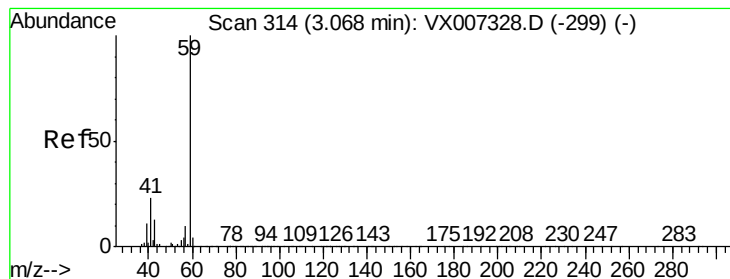


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



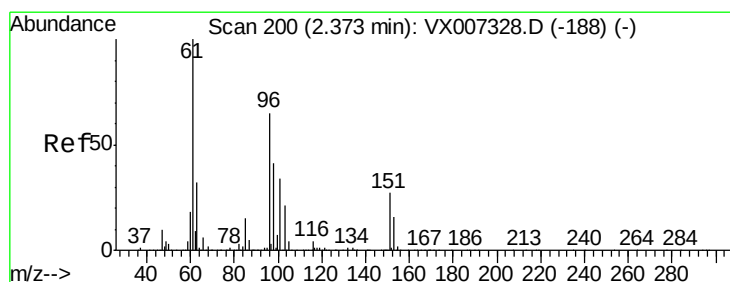
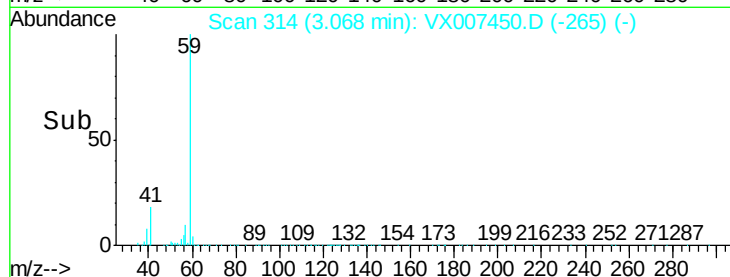
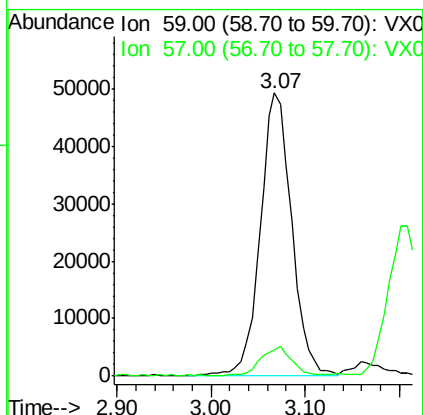
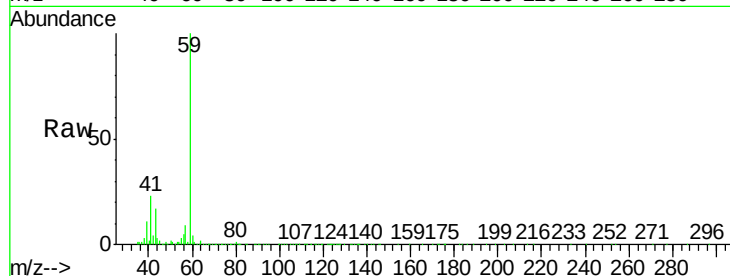


#11

Tert butyl alcohol
 Concen: 115.696 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampled :

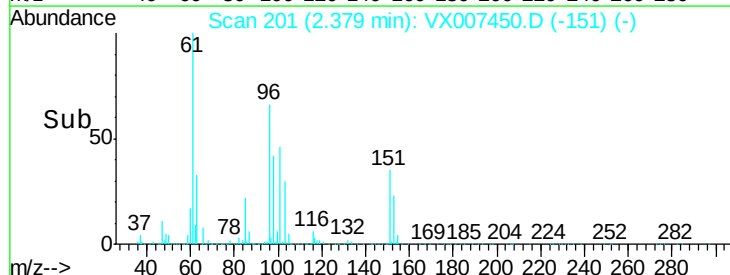
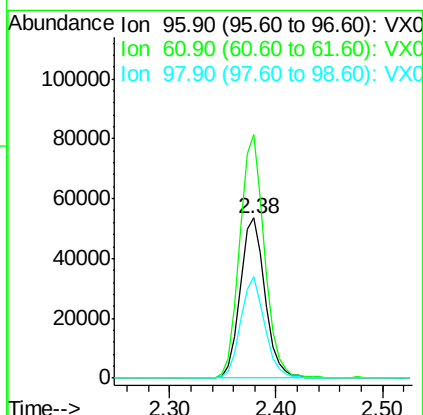
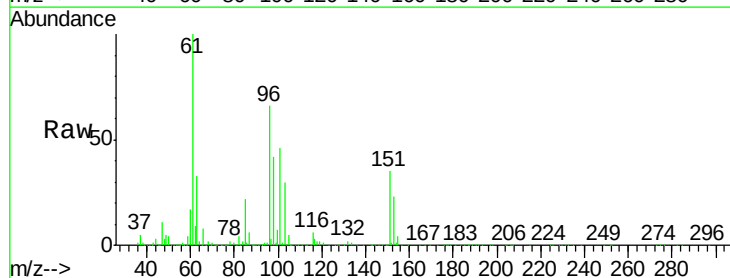
Tot Ion: 59 Resp: 115564
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.1 12.1

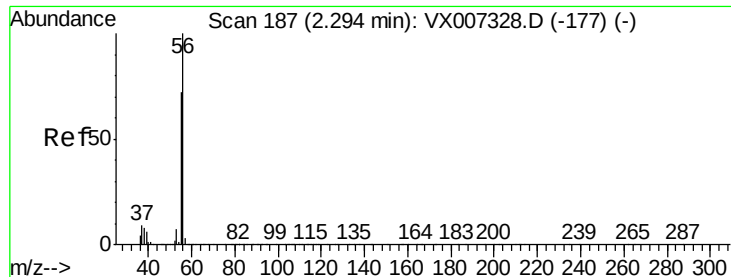


#12

1,1-Dichloroethene
 Concen: 20.094 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion: 96 Resp: 87241
 Ion Ratio Lower Upper
 96 100
 61 152.1 123.0 184.4
 98 63.3 50.9 76.3





#13

Acrolein

Concen: 92.747 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

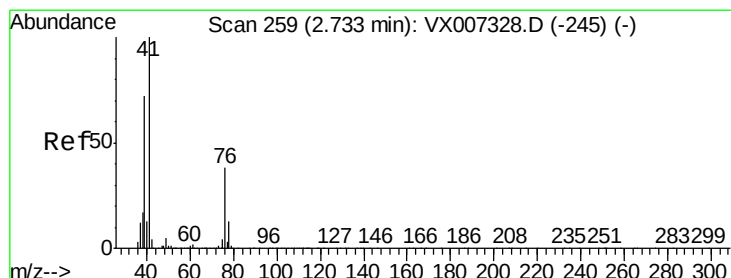
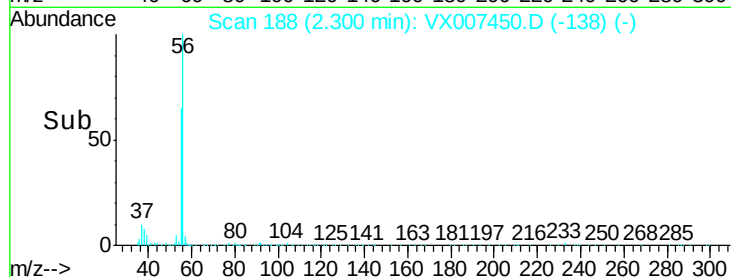
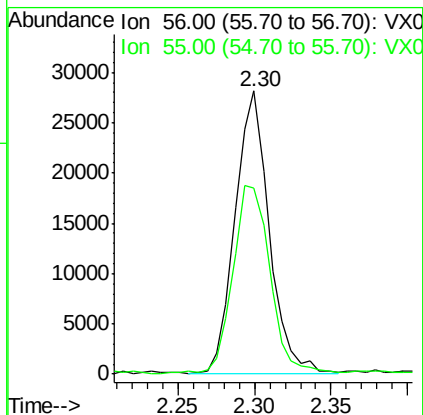
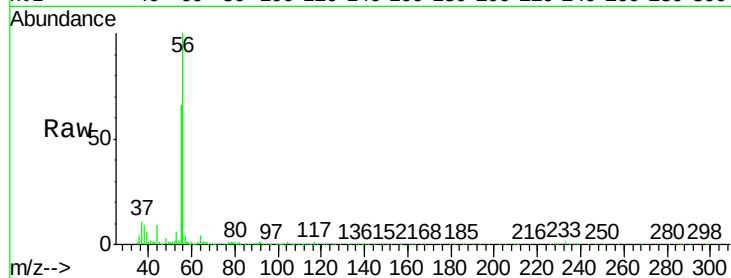
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 43442

Ion Ratio Lower Upper

56 100

55 73.8 56.9 85.3



#14

Allyl chloride

Concen: 20.630 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

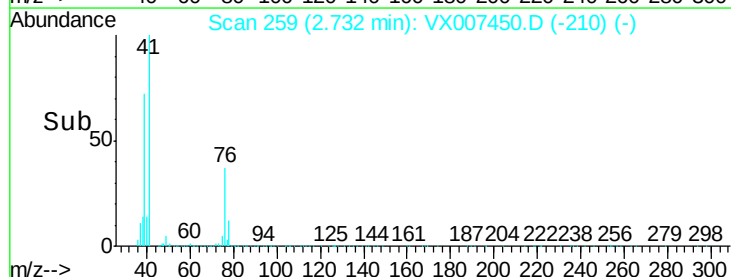
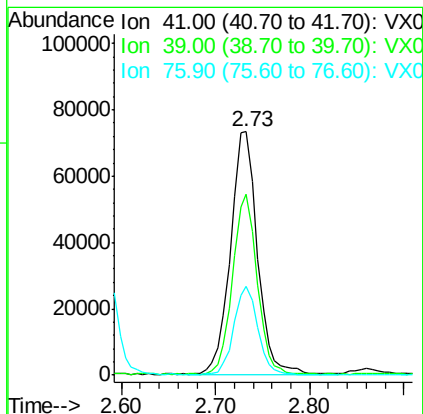
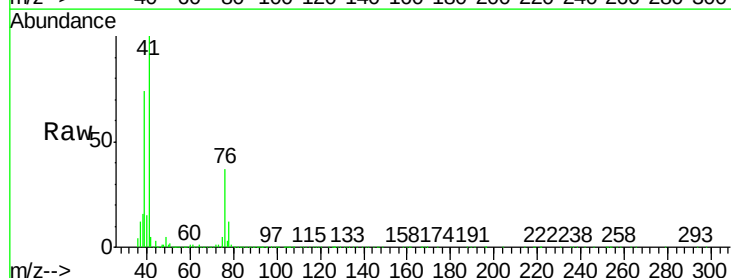
Tgt Ion: 41 Resp: 145942

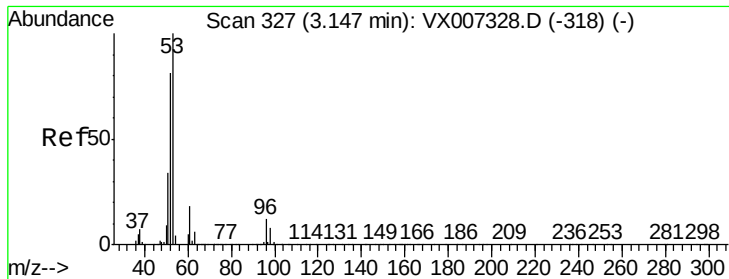
Ion Ratio Lower Upper

41 100

39 67.3 54.1 81.1

76 32.7 27.8 41.8

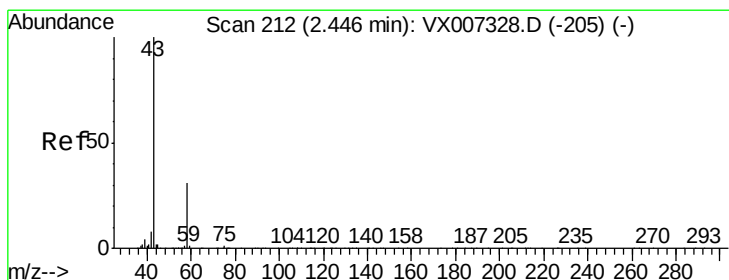
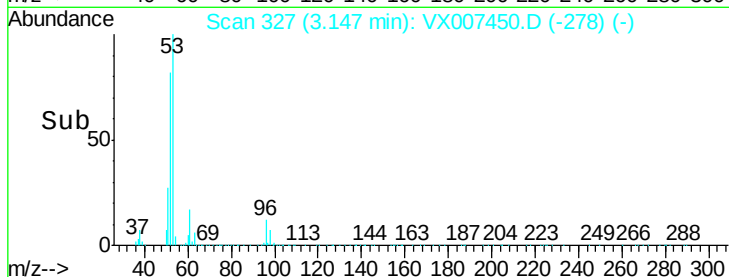
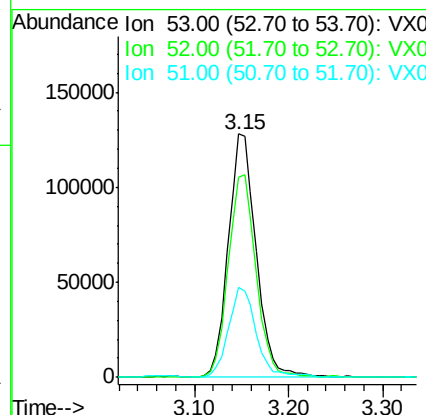
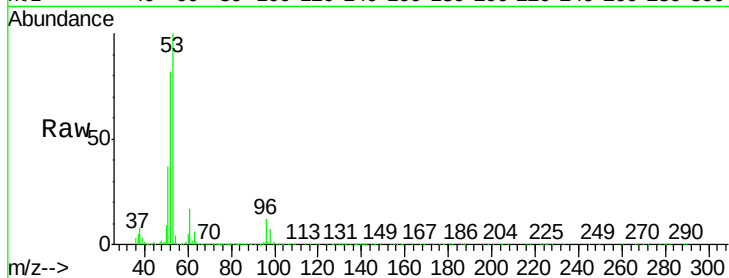




#15
 Acrylonitrile
 Concen: 106.128 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

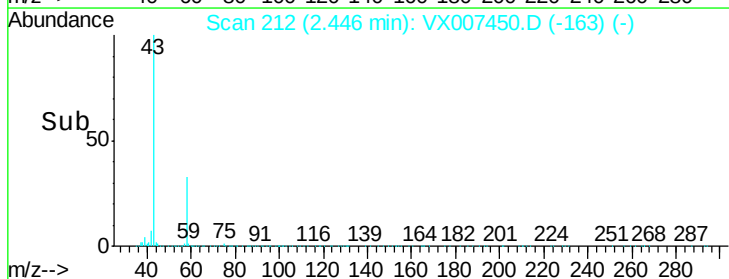
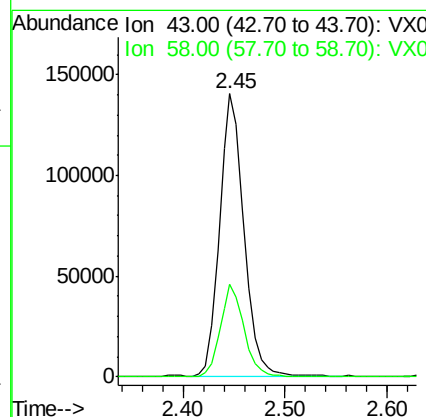
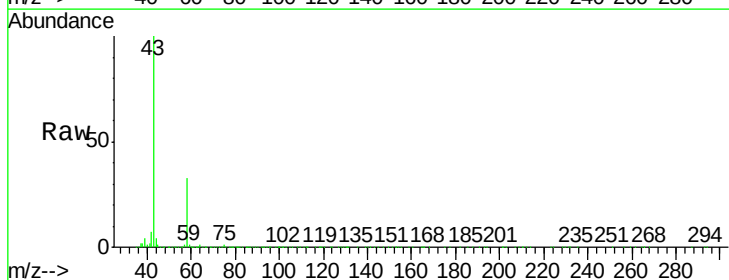
Instrument :
 MSVOA_X
 ClientSampleId :

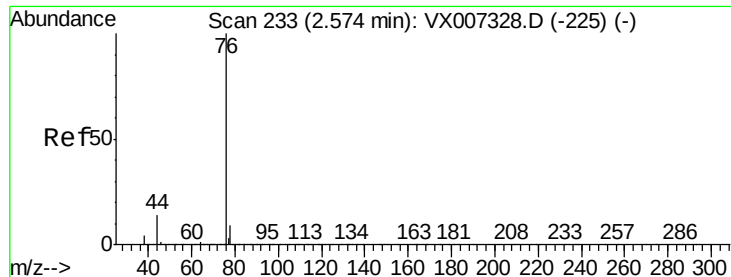
Tot Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.4	99.6
51	36.7	28.4	42.6



#16
 Acetone
 Concen: 105.443 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.6	24.9	37.3





#17

Carbon Disulfide

Concen: 19.670 ug/l

RT: 2.57 min Scan# 233

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

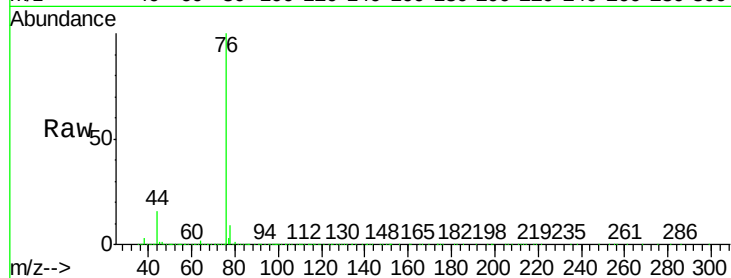
ClientSampled :

Tot Ion: 76 Resp: 208063

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

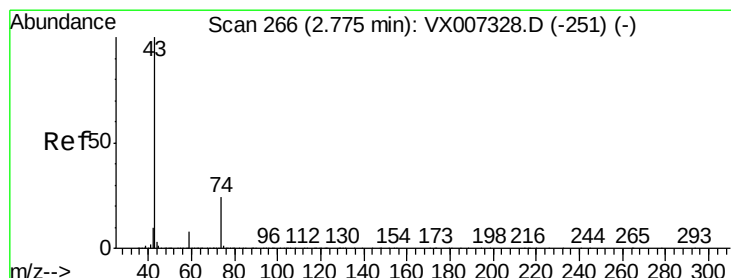
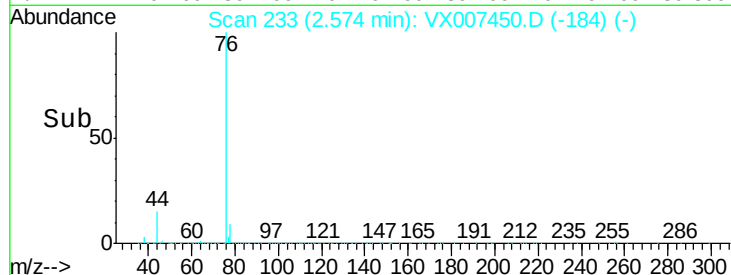
100000

50000

0

Time-->

2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 24.243 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007450.D

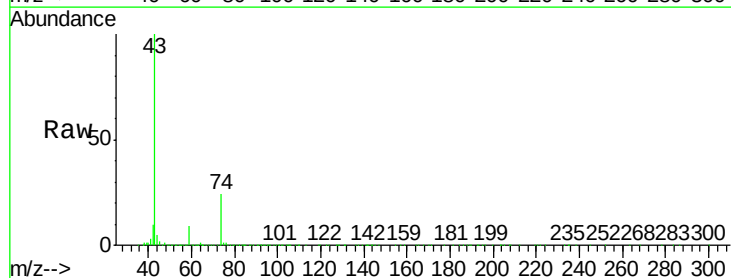
Acq: 08 Feb 2019 18:49

Tgt Ion: 43 Resp: 137872

Ion Ratio Lower Upper

43 100

74 24.0 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

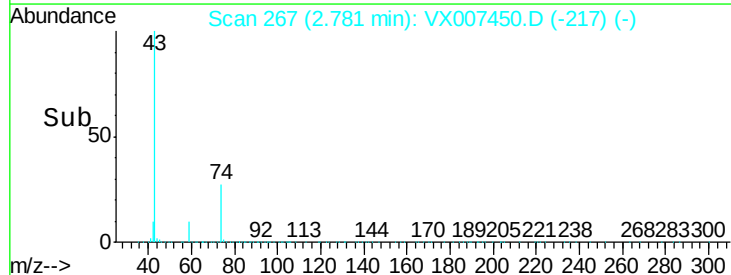
40000

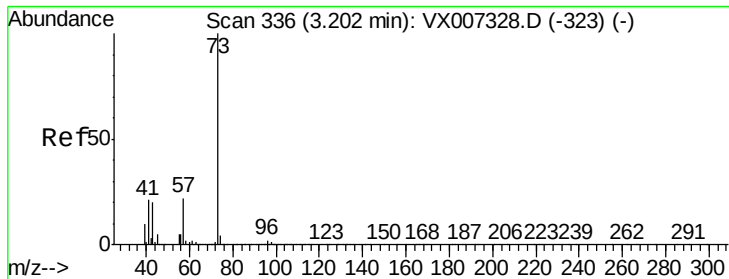
20000

0

Time-->

2.70 2.75 2.80 2.85



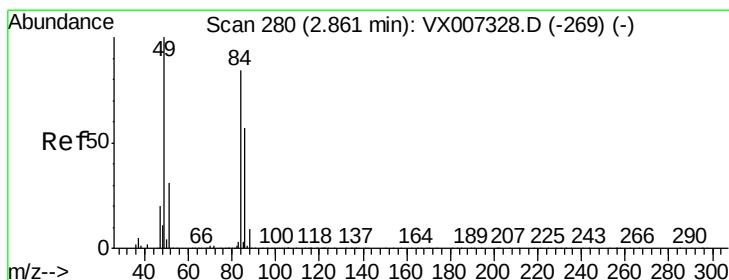
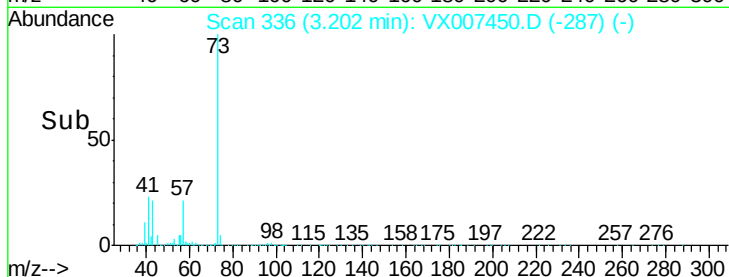
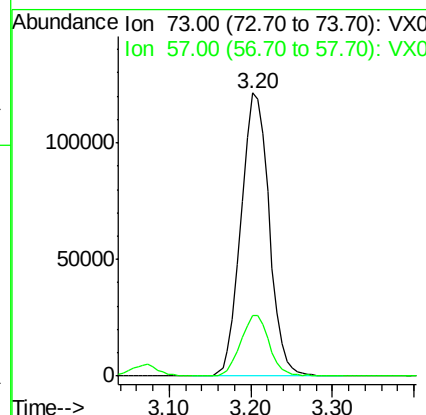
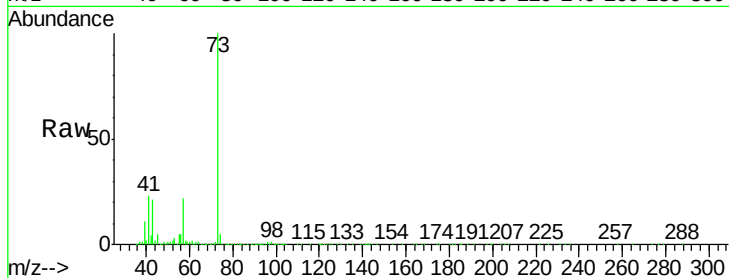


#19

Methyl tert-butyl Ether
 Concen: 20.556 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampleId :

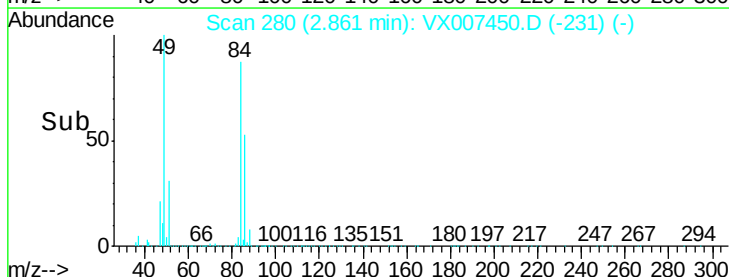
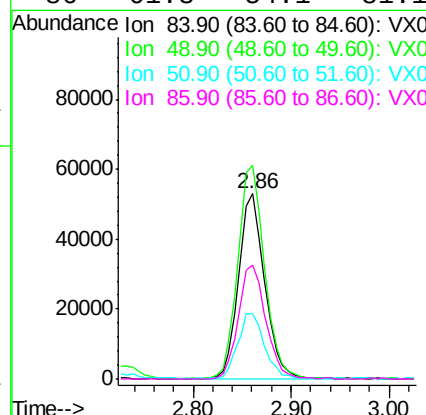
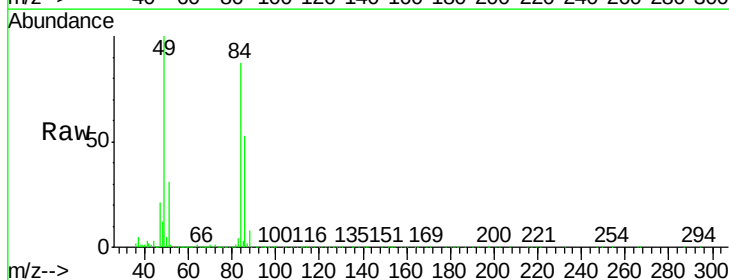
Tot Ion: 73 Resp: 289144
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.8 26.8

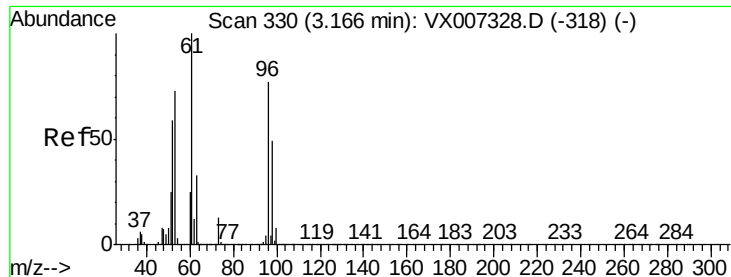


#20

Methylene Chloride
 Concen: 21.636 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion: 84 Resp: 98716
 Ion Ratio Lower Upper
 84 100
 49 114.9 94.8 142.2
 51 35.2 29.8 44.8
 86 61.3 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 19.338 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

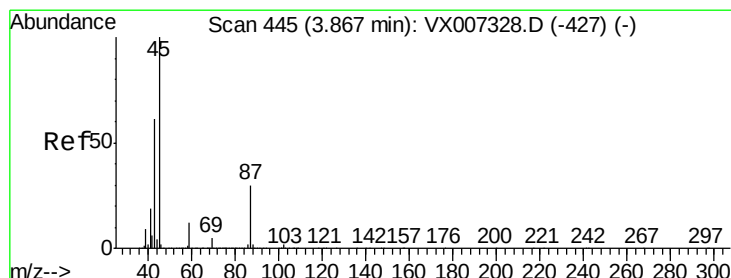
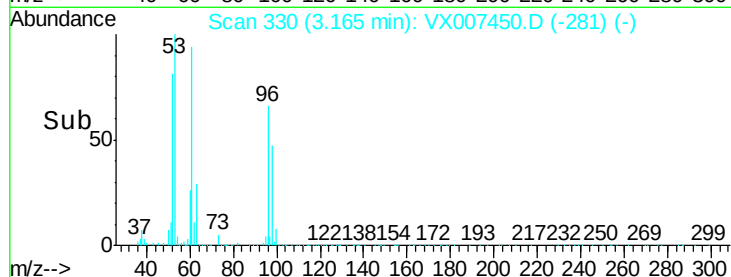
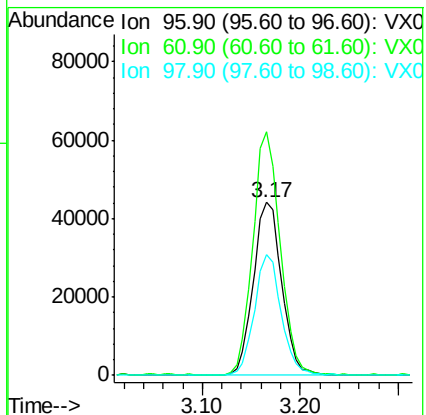
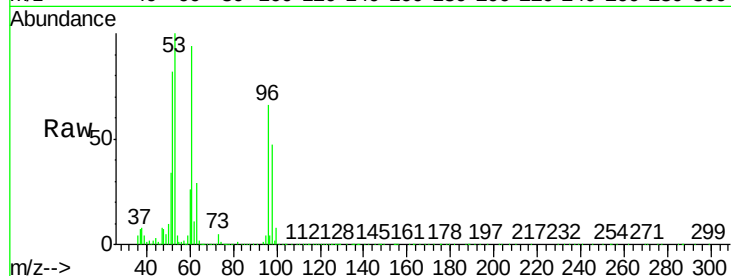
Tot Ion: 96 Resp: 89440

Ion Ratio Lower Upper

96 100

61 140.3 104.6 156.8

98 70.2 51.0 76.4



#22

Diisopropyl ether

Concen: 20.689 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion: 45 Resp: 269217

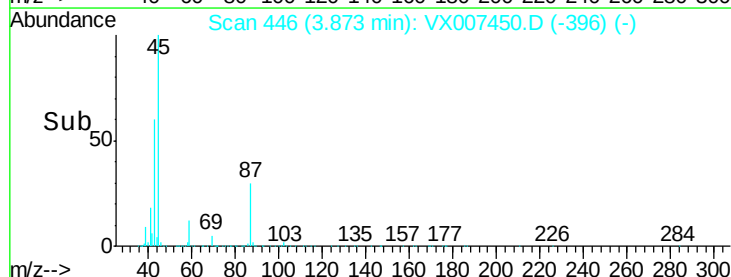
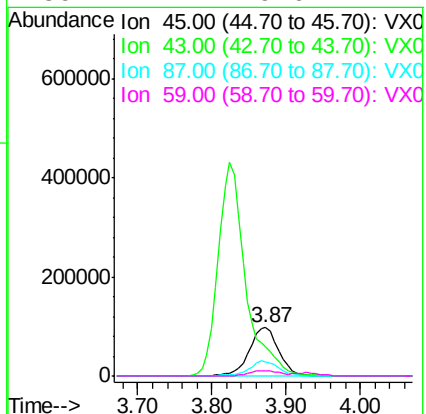
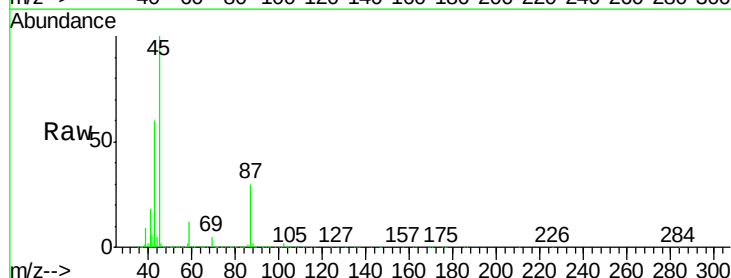
Ion Ratio Lower Upper

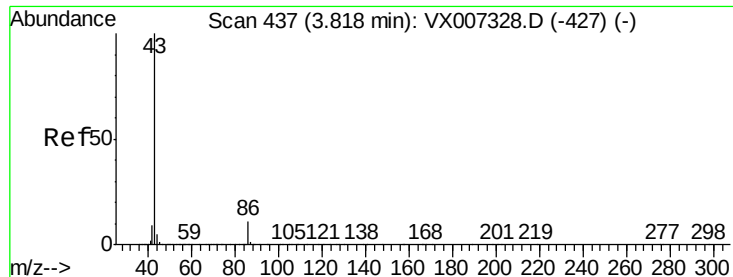
45 100

43 59.8 48.9 73.3

87 30.4 23.9 35.9

59 11.7 9.6 14.4





#23

Vinyl Acetate

Concen: 103.039 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

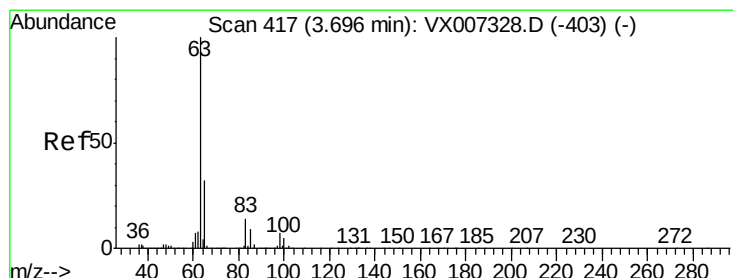
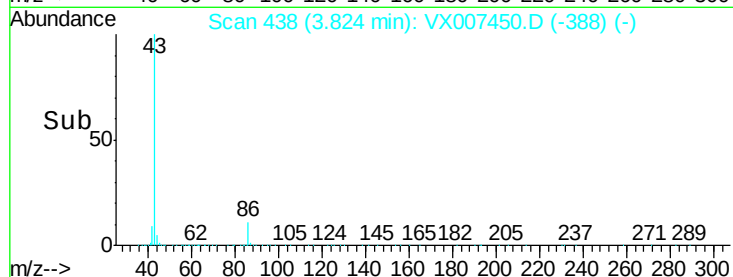
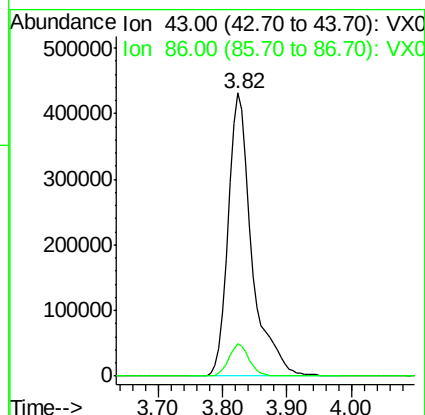
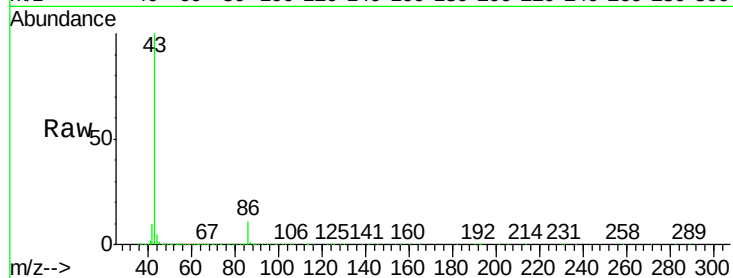
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1112641

Ion Ratio Lower Upper

43 100

86 11.4 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.422 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

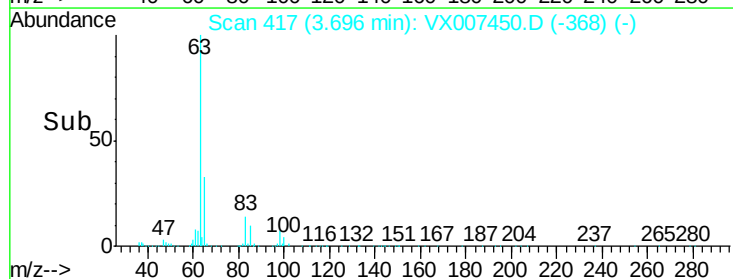
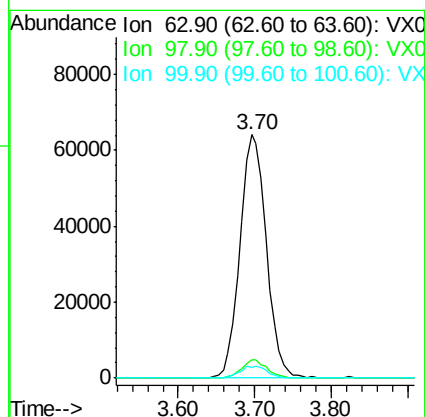
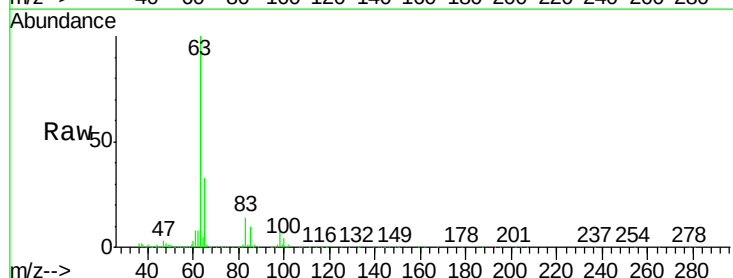
Tgt Ion: 63 Resp: 152611

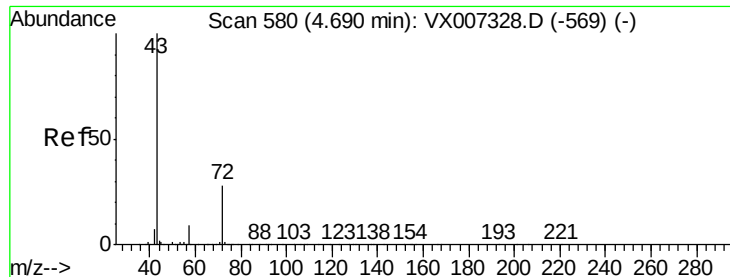
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 4.1 2.5 7.4





#25

2-Butanone

Concen: 107.339 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

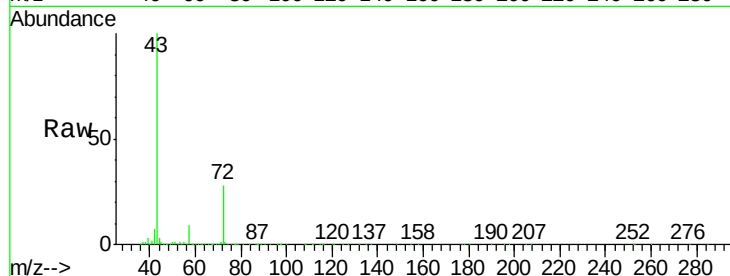
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 337734

Ion Ratio Lower Upper

43 100

72 28.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

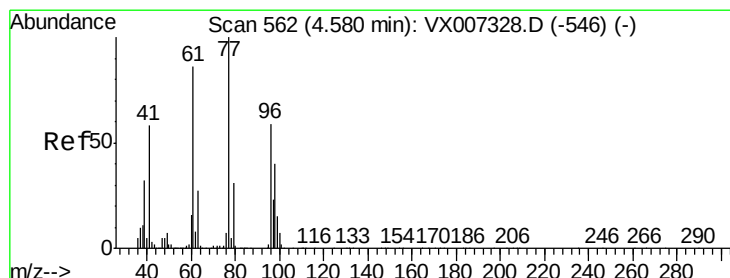
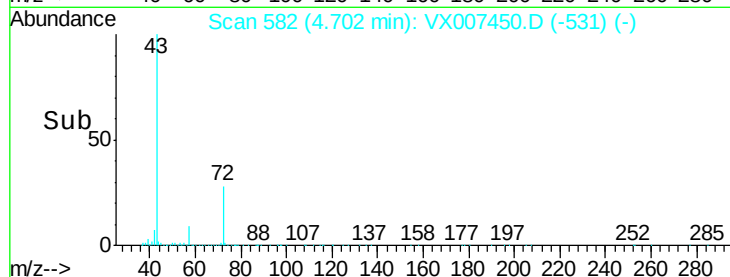
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 18.343 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007450.D

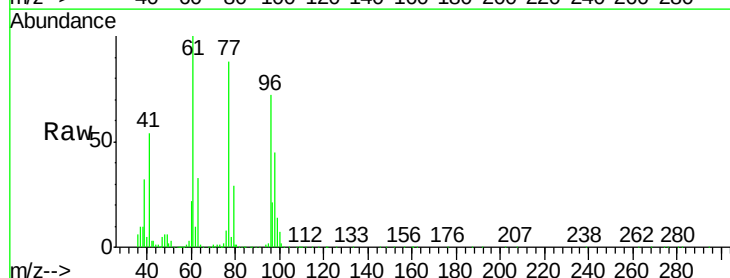
Acq: 08 Feb 2019 18:49

Tgt Ion: 77 Resp: 104392

Ion Ratio Lower Upper

77 100

97 24.4 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

40000

30000

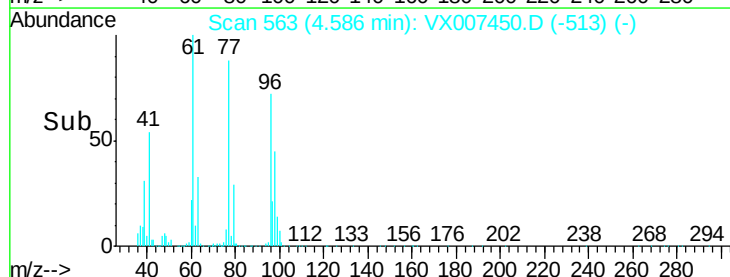
20000

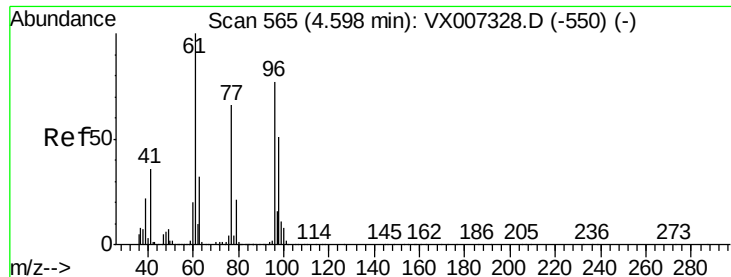
10000

0

Time-->

4.50 4.60 4.70



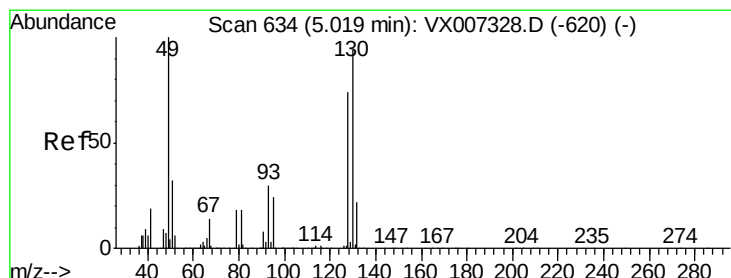
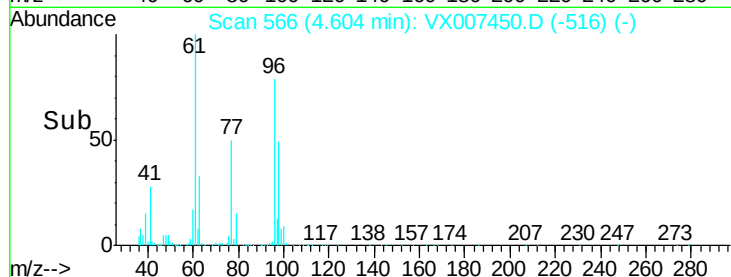
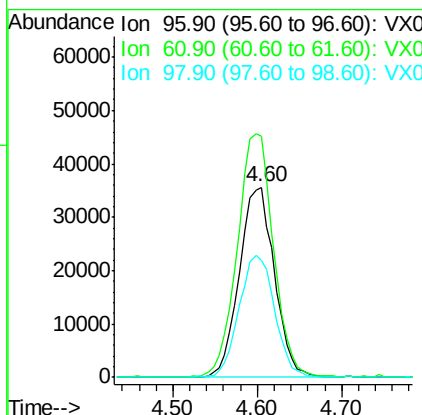
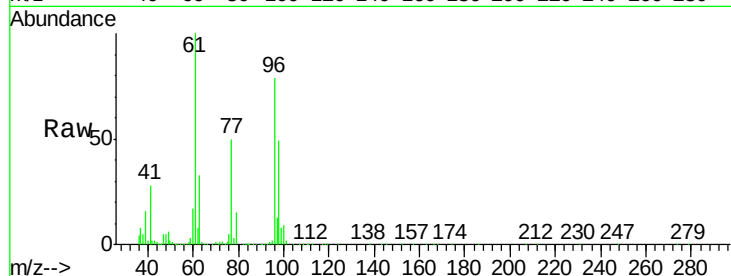


#27

cis-1,2-Dichloroethene
Concen: 19.895 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :

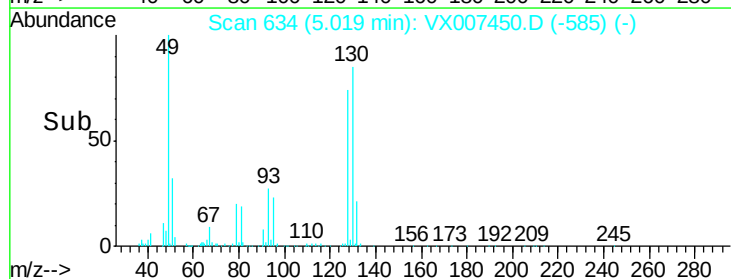
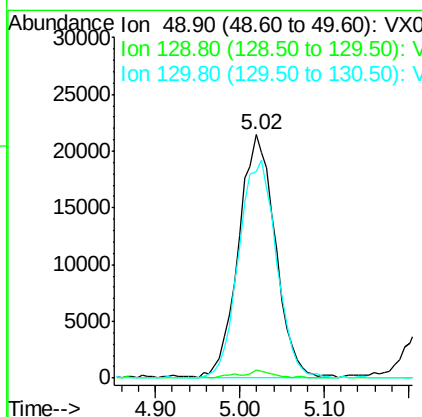
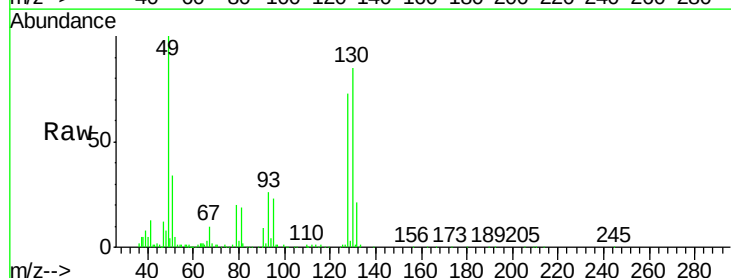
Tot Ion	Ratio	Lower	Upper
96	100		
61	131.5	0.0	265.6
98	65.2	0.0	131.6

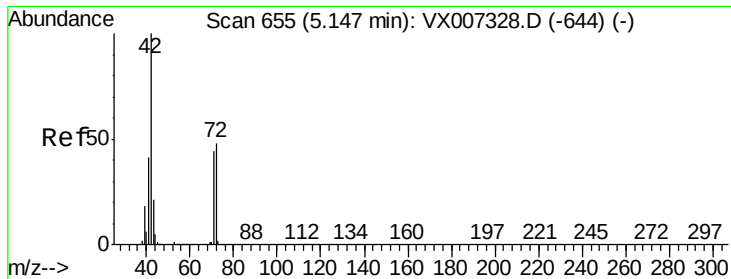


#28

Bromochloromethane
Concen: 18.535 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	5.6
130	92.0	75.6	113.4

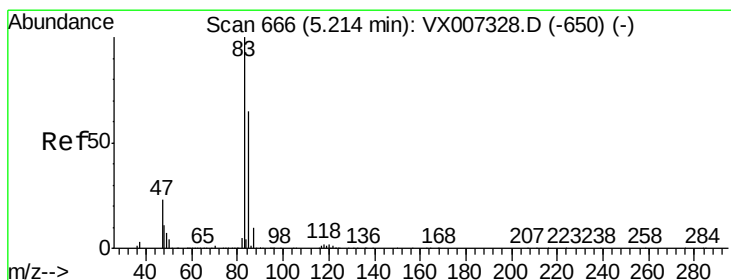
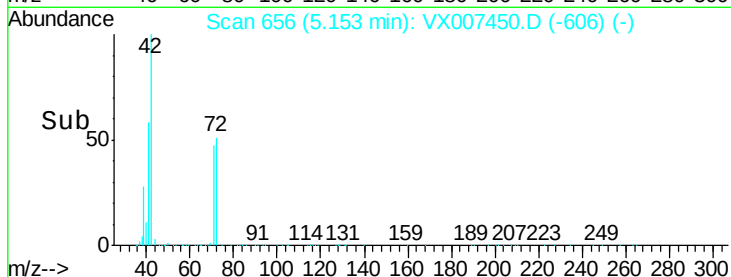
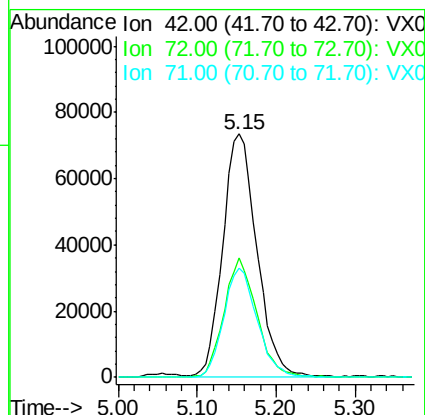
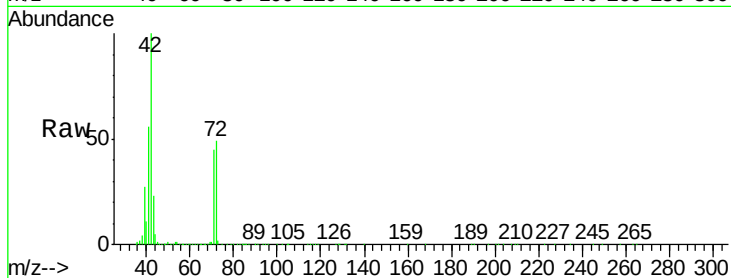




#29
Tetrahydrofuran
Concen: 110.701 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

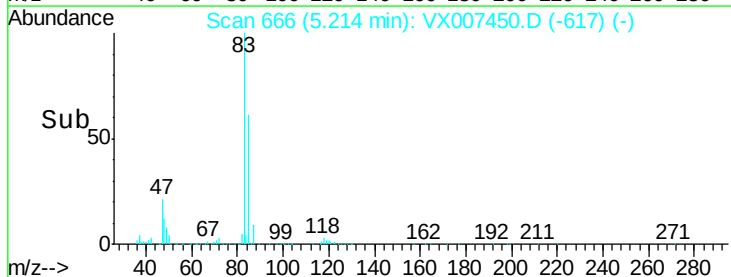
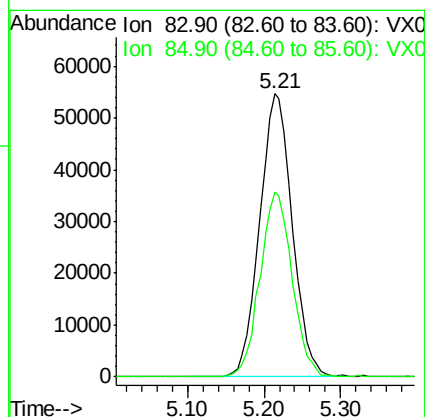
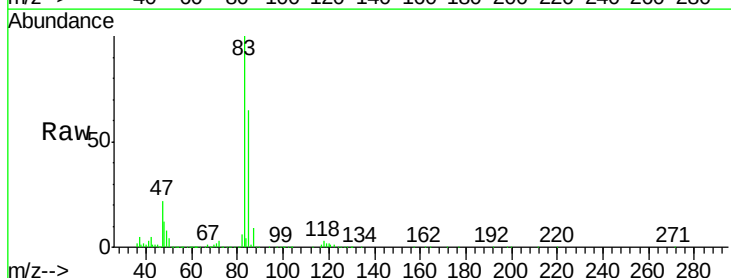
Instrument :
MSVOA_X
ClientSampleId :

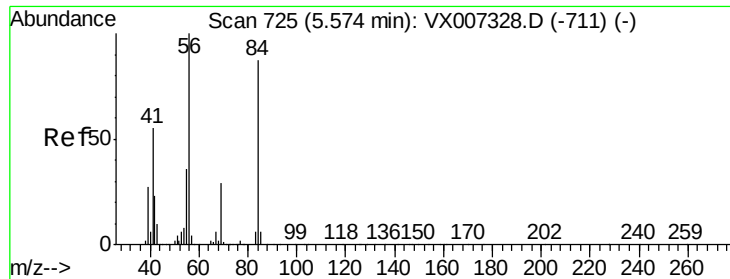
Tot Ion	Ratio	Lower	Upper
42	100		
72	47.4	37.6	56.4
71	44.6	34.6	51.8



#30
Chloroform
Concen: 20.856 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4

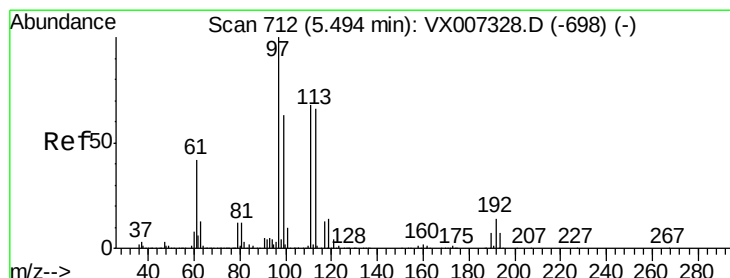
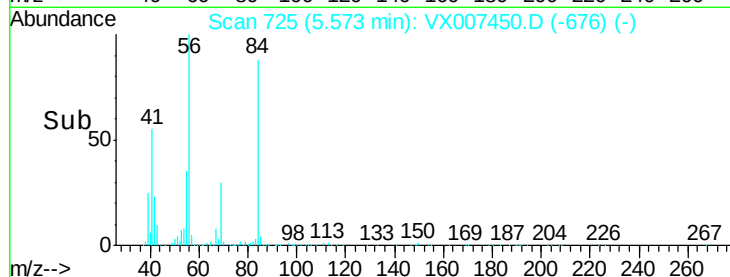
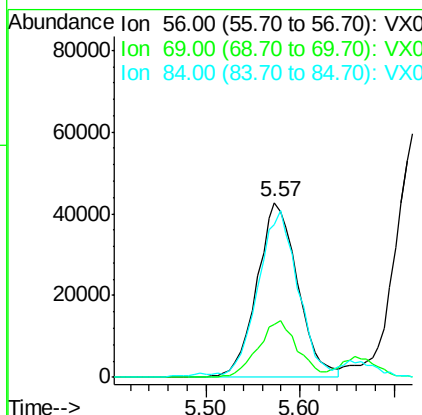
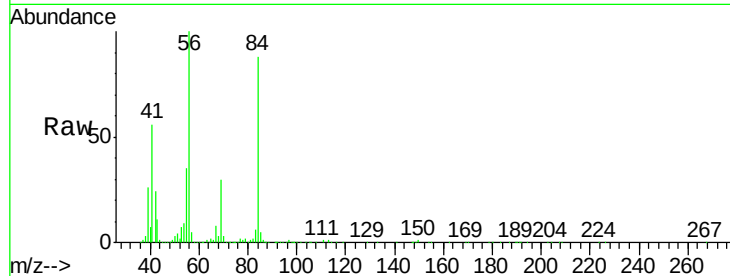




#31
Cyclohexane
Concen: 19.256 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

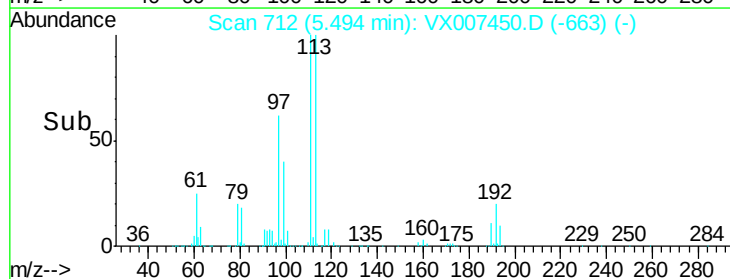
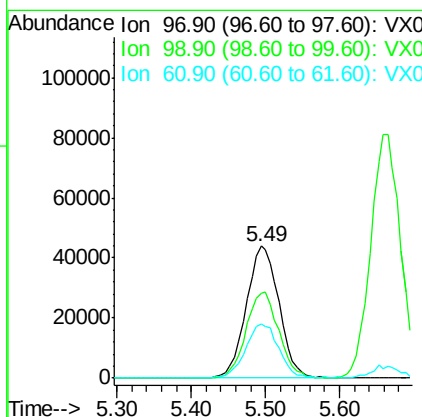
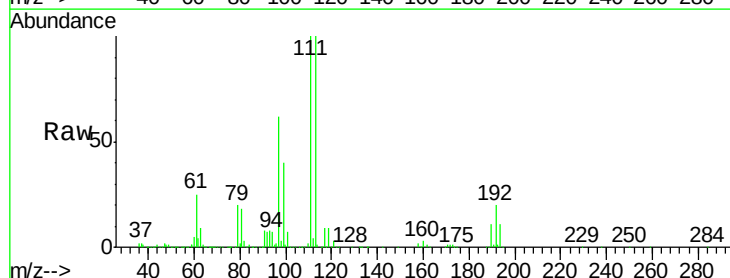
Instrument :
MSVOA_X
ClientSampleId :

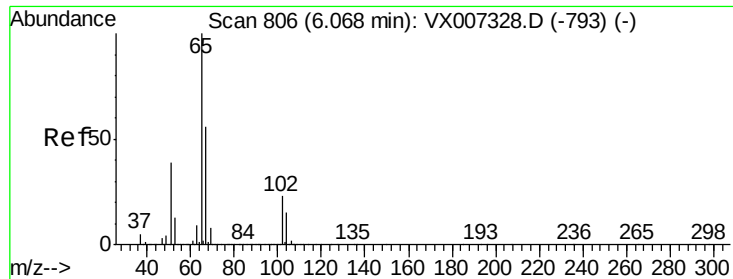
Tot Ion: 56 Resp: 129243
Ion Ratio Lower Upper
56 100
69 30.3 23.0 34.6
84 86.6 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.552 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 97 Resp: 135276
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 41.7 32.7 49.1

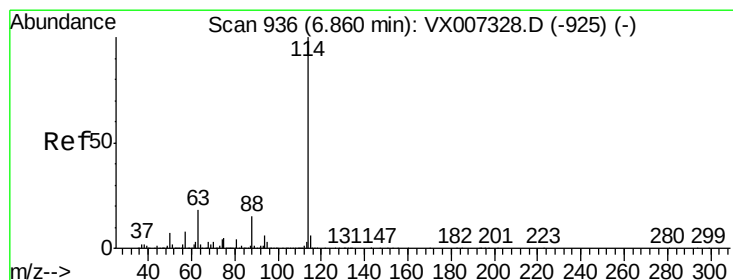
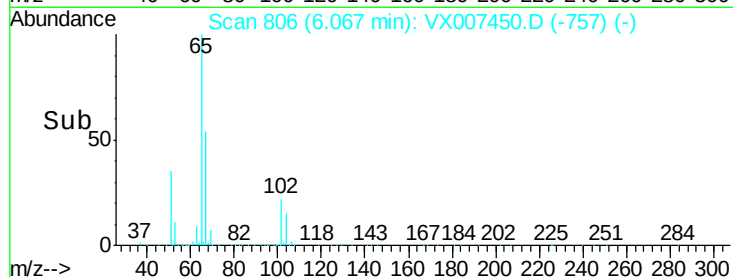
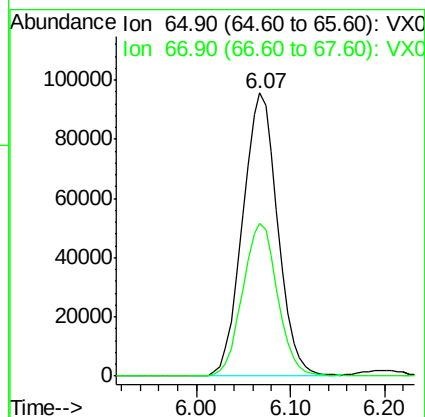
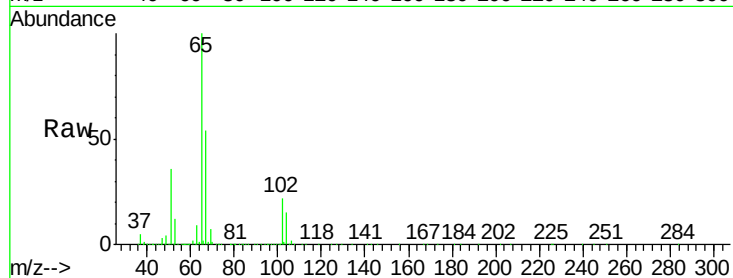




#33
 1,2-Dichloroethane-d4
 Concen: 51.453 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

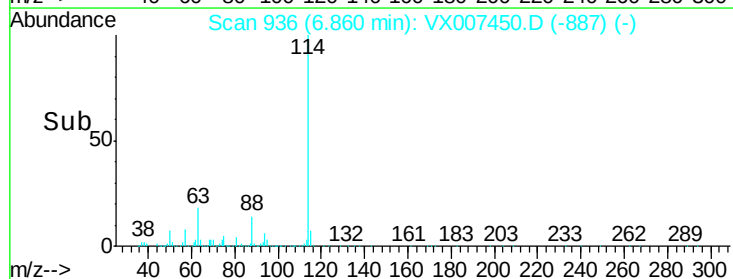
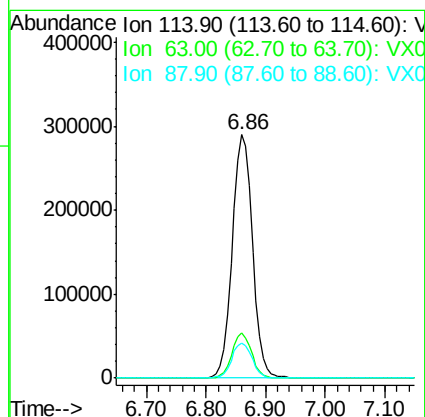
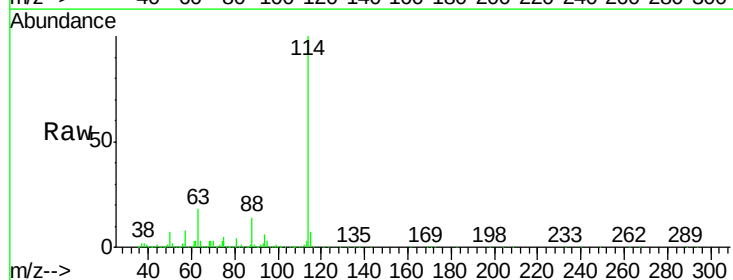
Instrument :
 MSVOA_X
 ClientSampled :

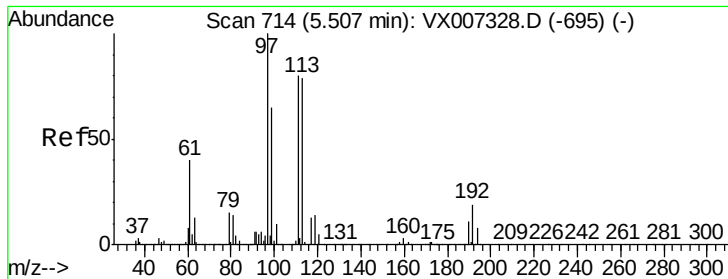
Tot Ion: 65 Resp: 248342
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion: 114 Resp: 685090
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 35.6
 88 14.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 50.215 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

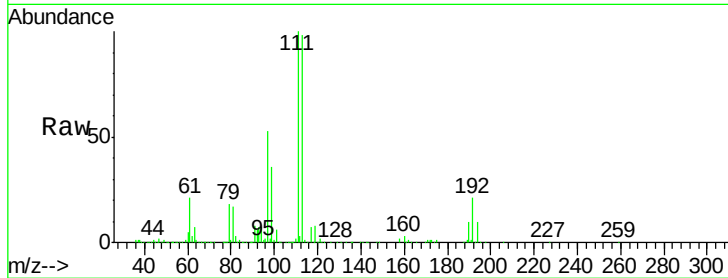
Tot Ion:113 Resp: 223842

Ion Ratio Lower Upper

113 100

111 102.5 81.8 122.8

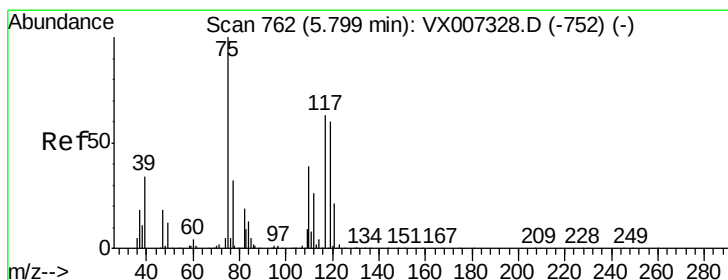
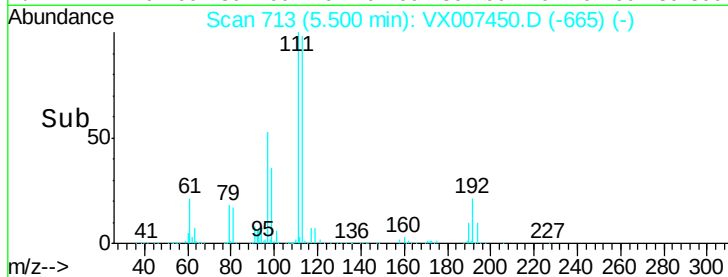
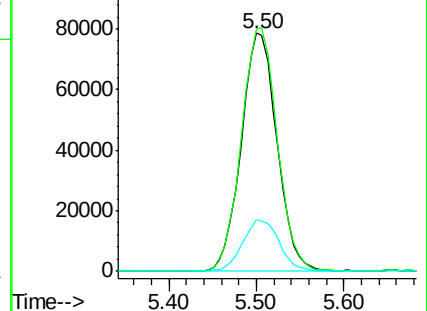
192 22.0 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.565 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

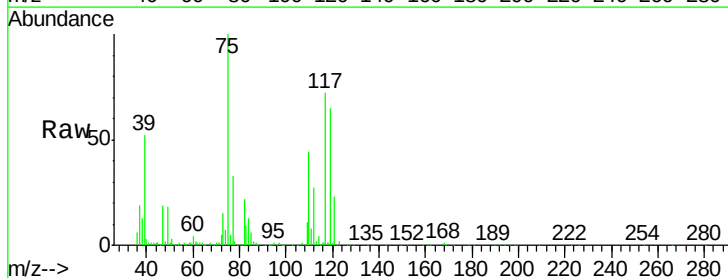
Tgt Ion: 75 Resp: 114120

Ion Ratio Lower Upper

75 100

110 40.6 20.0 59.9

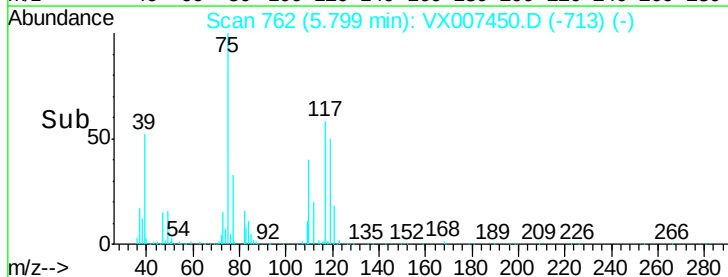
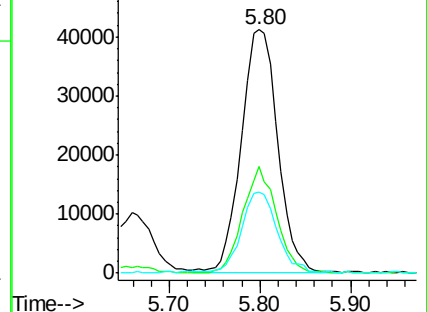
77 32.3 24.7 37.1

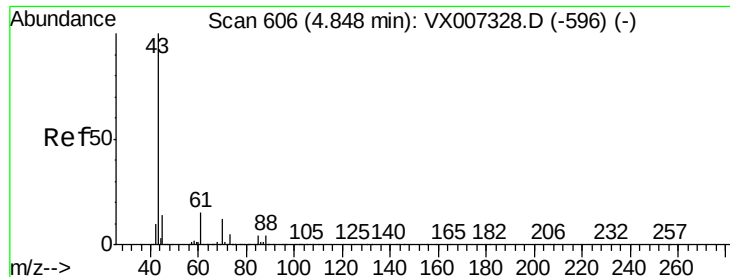


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

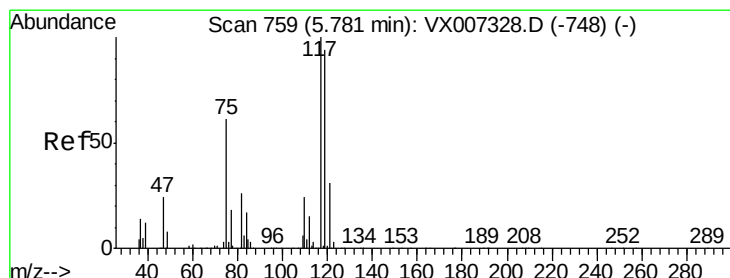
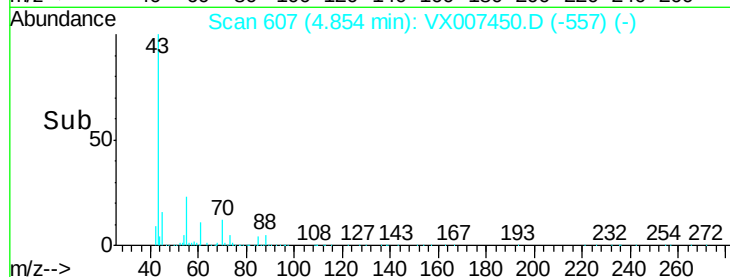
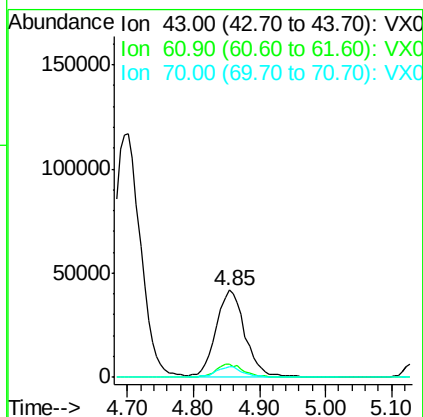
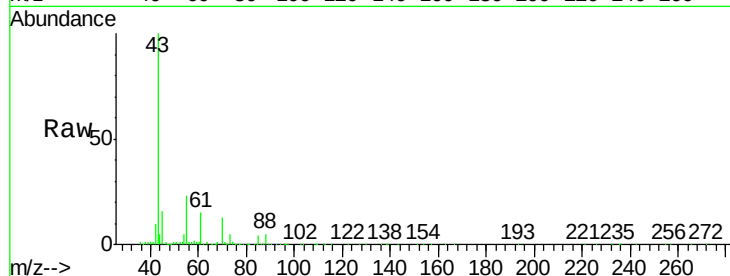




#37
Ethyl Acetate
Concen: 20.245 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

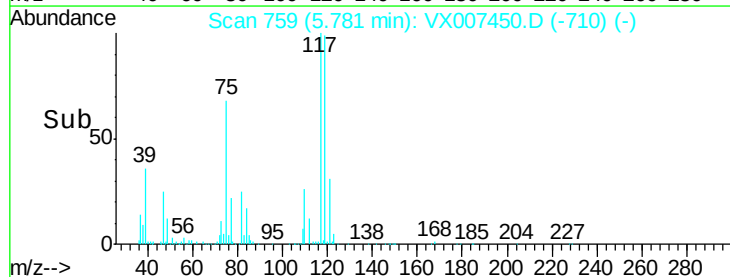
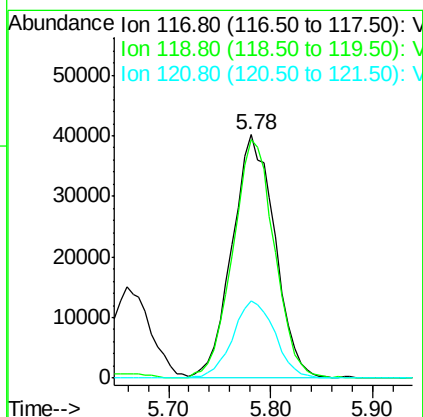
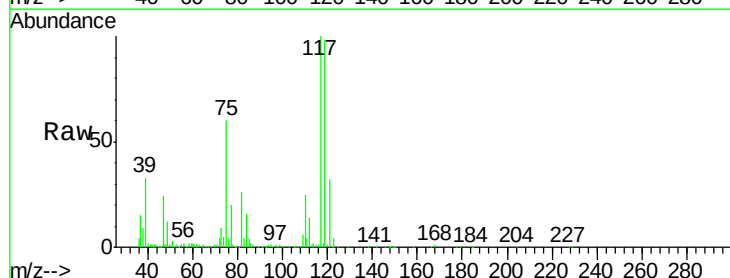
Instrument :
MSVOA_X
ClientSampled :

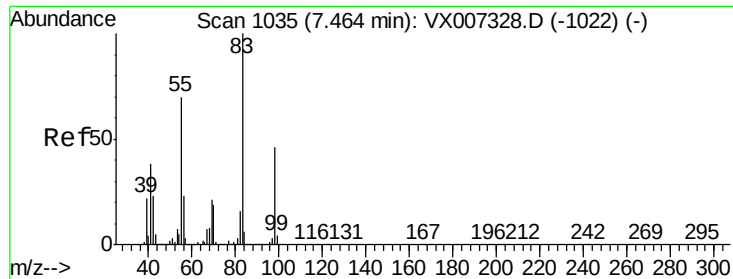
Tot Ion: 43 Resp: 125796
Ion Ratio Lower Upper
43 100
61 14.6 11.3 16.9
70 11.7 8.6 13.0



#38
Carbon Tetrachloride
Concen: 19.527 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 117 Resp: 116448
Ion Ratio Lower Upper
117 100
119 97.5 75.3 112.9
121 31.6 25.0 37.4

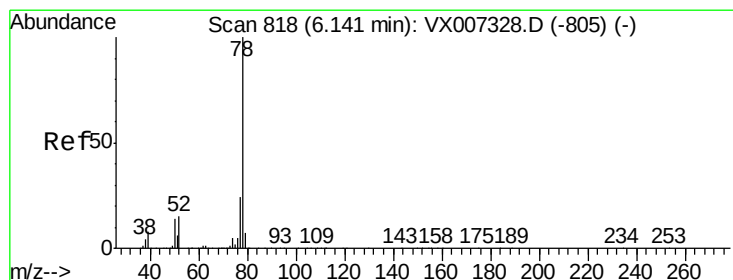
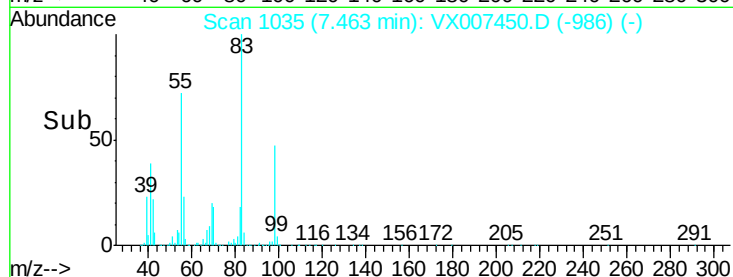
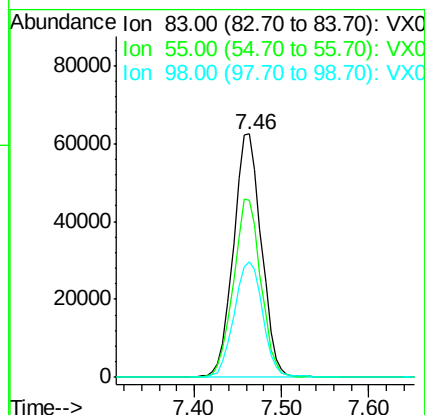
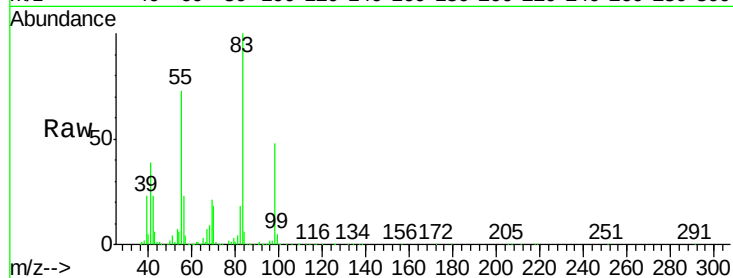




#39
Methylvlcyclohexane
Concen: 18.723 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

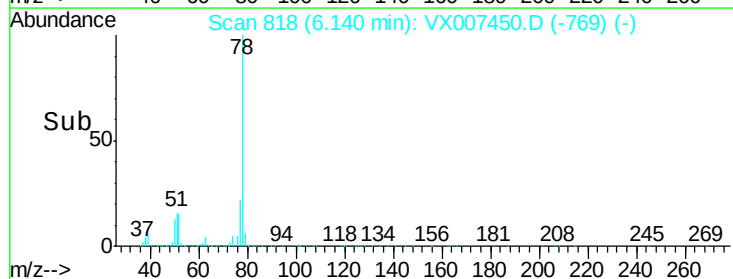
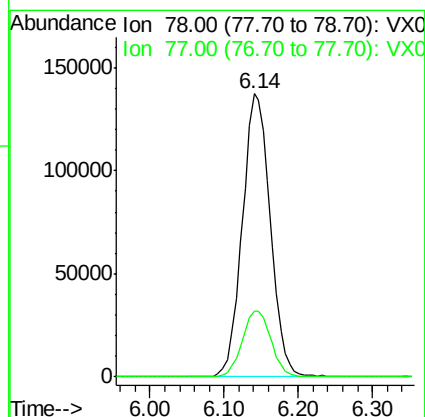
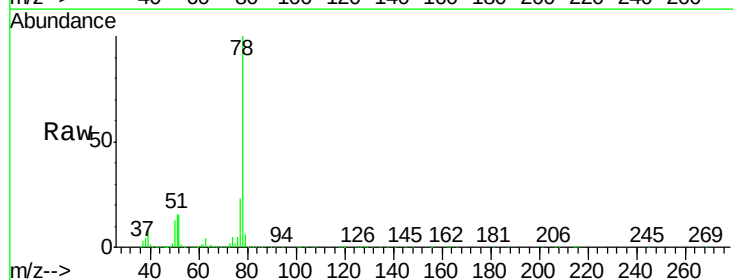
Instrument :
MSVOA_X
ClientSampleId :

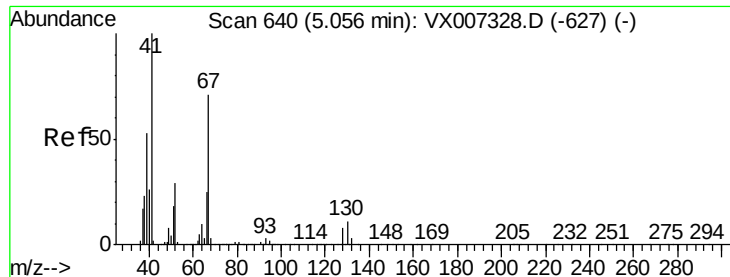
Tot Ion: 83 Resp: 139243
Ion Ratio Lower Upper
83 100
55 72.5 56.2 84.2
98 47.5 36.8 55.2



#40
Benzene
Concen: 20.013 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 78 Resp: 362380
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9





#41

Methacrylonitrile

Concen: 20.130 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 67038

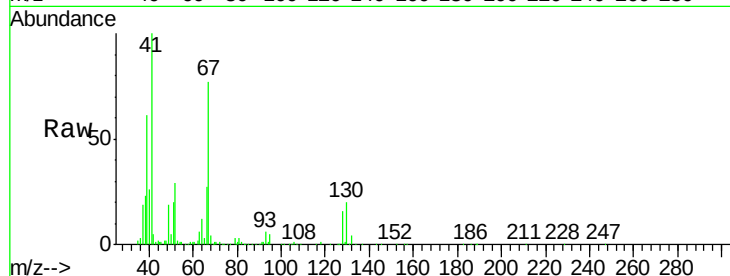
Ion Ratio Lower Upper

41 100

39 56.3 44.5 66.7

67 79.4 60.4 90.6

52 30.0 24.1 36.1

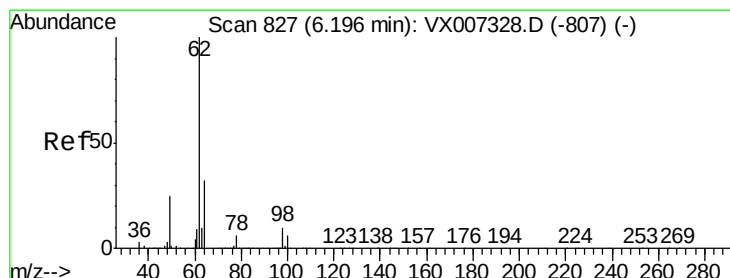
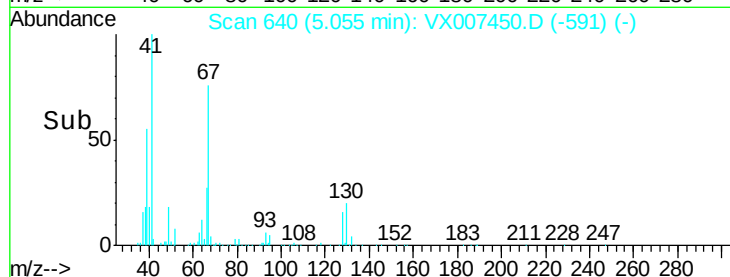
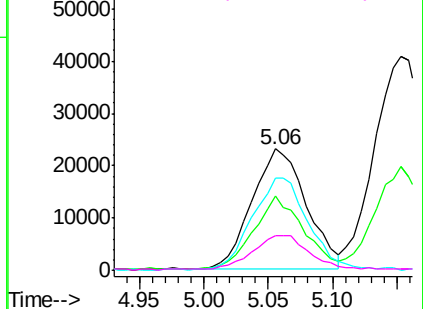


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.340 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007450.D

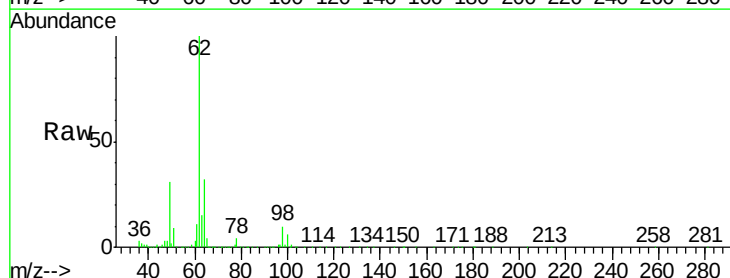
Acq: 08 Feb 2019 18:49

Tgt Ion: 62 Resp: 121163

Ion Ratio Lower Upper

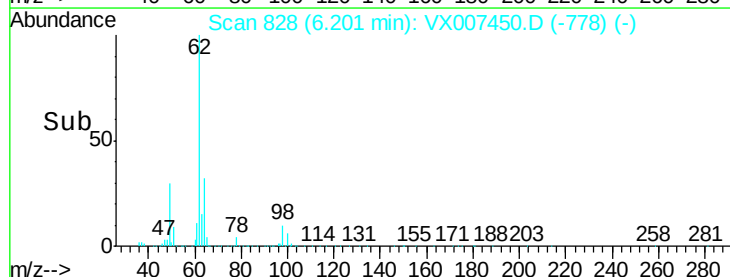
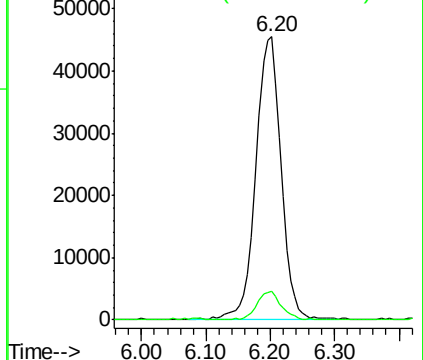
62 100

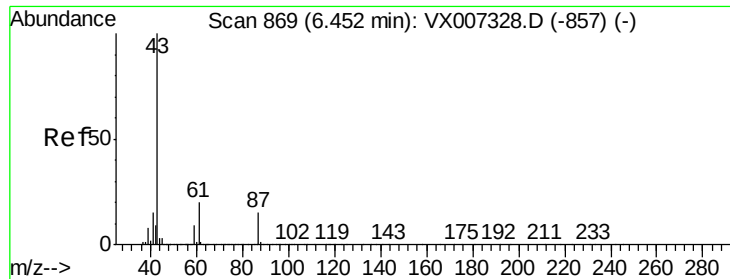
98 9.9 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



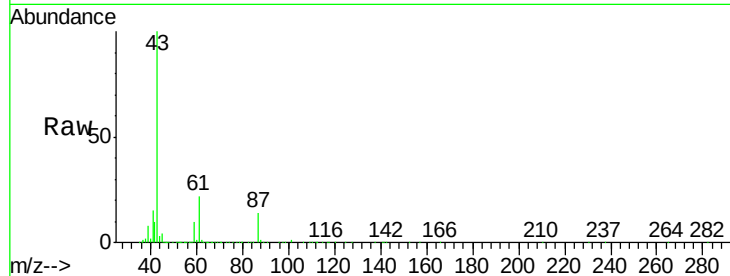


#43

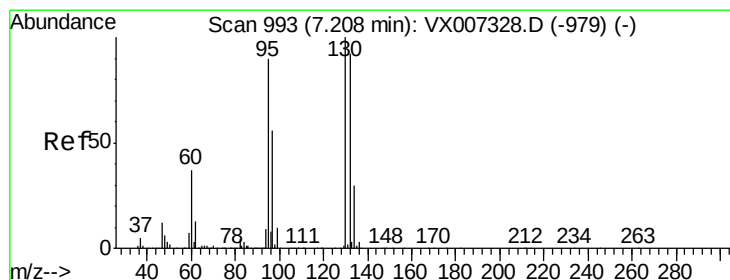
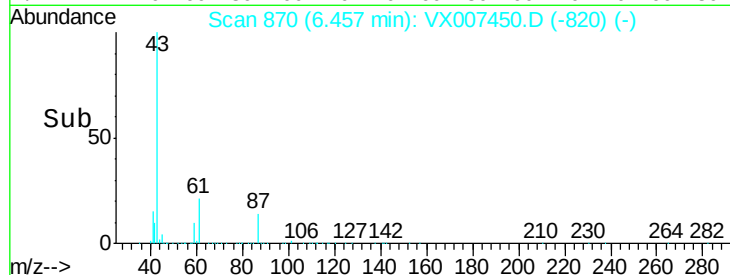
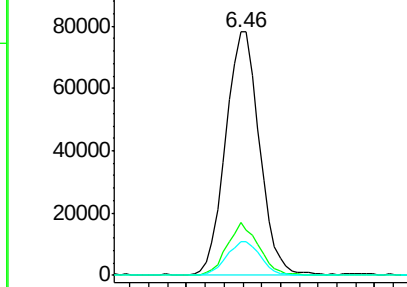
Isopropyl Acetate
 Concen: 20.536 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	43	Resp	196965
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.1	24.1
87	13.8	11.5	17.3



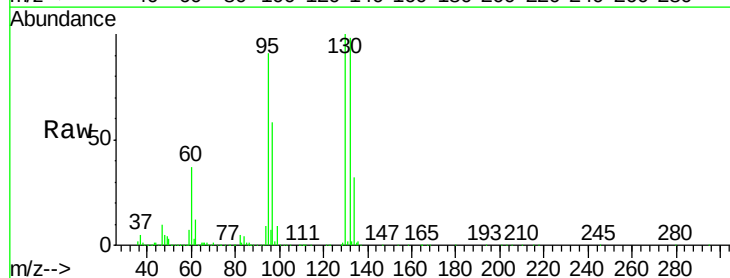
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



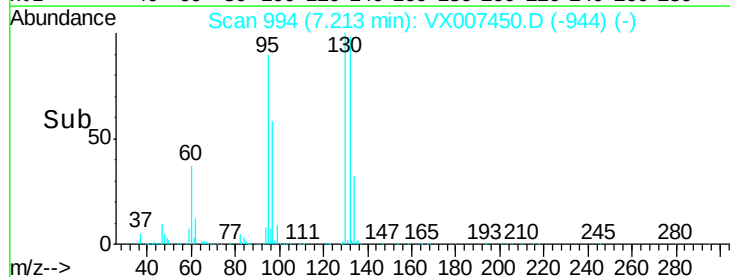
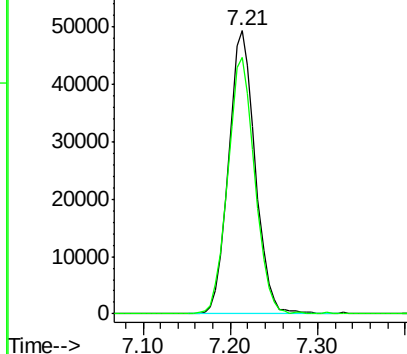
#44

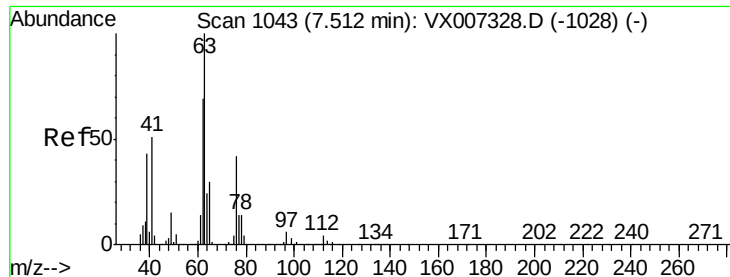
Trichloroethene
 Concen: 19.139 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	130	Resp	104373
Ion Ratio	Lower	Upper	
130	100		
95	90.6	0.0	180.0



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.066 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

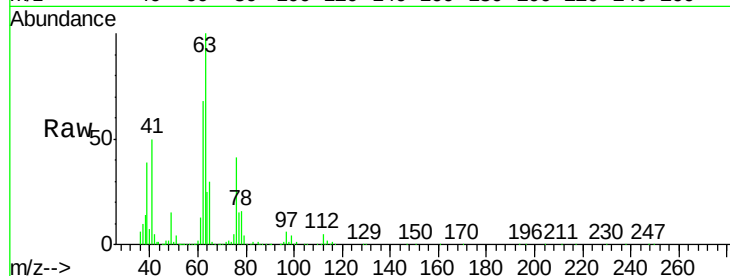
ClientSampleId :

Tot Ion: 63 Resp: 91034

Ion Ratio Lower Upper

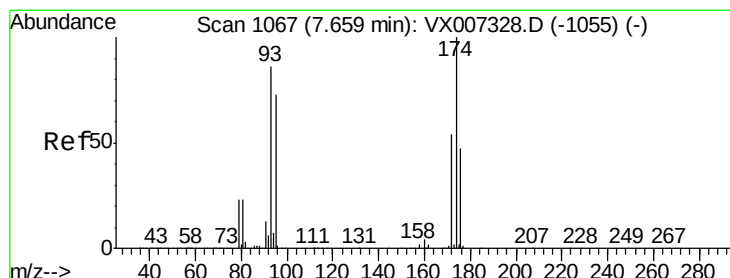
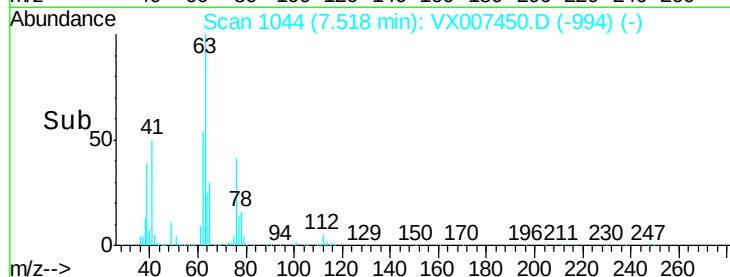
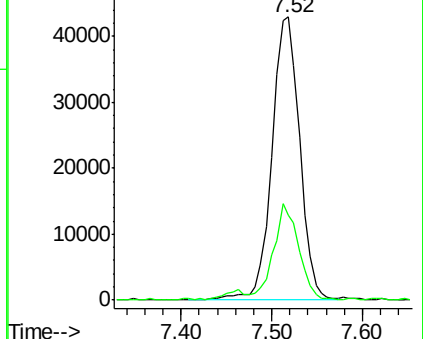
63 100

65 29.9 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.531 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

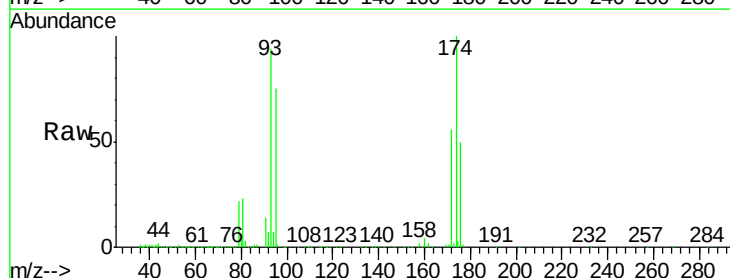
Tgt Ion: 93 Resp: 64400

Ion Ratio Lower Upper

93 100

95 83.4 67.6 101.4

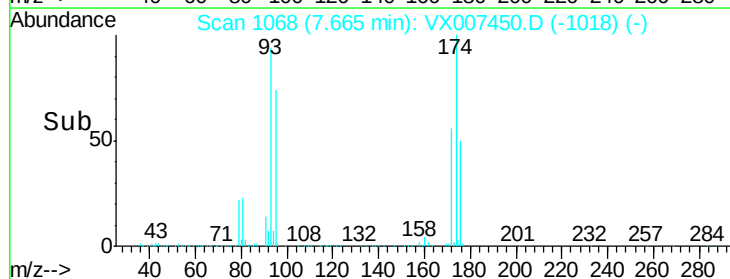
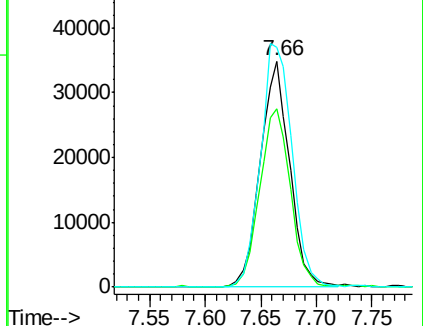
174 116.0 94.2 141.4

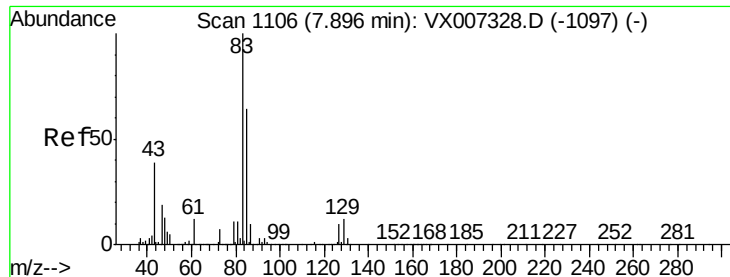


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.804 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

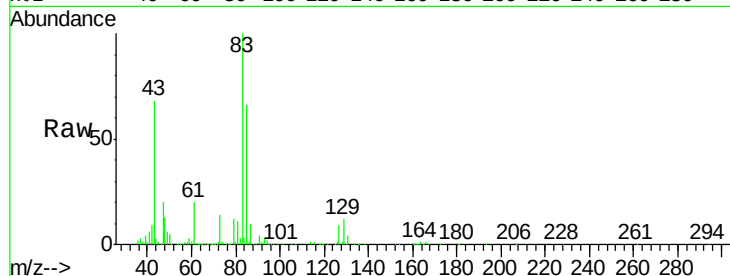
Tot Ion: 83 Resp: 110671

Ion Ratio Lower Upper

83 100

85 65.6 51.4 77.0

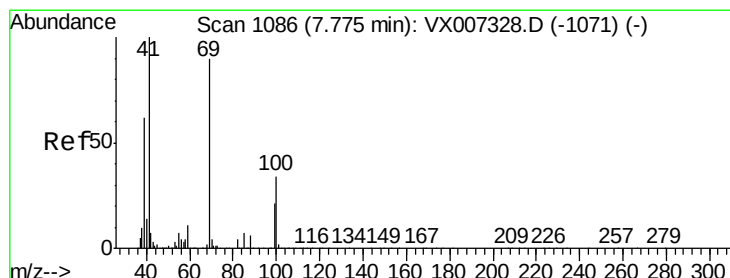
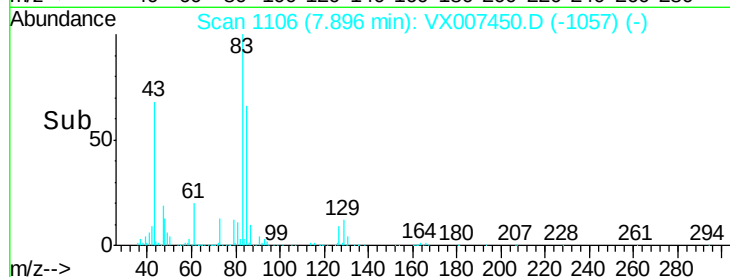
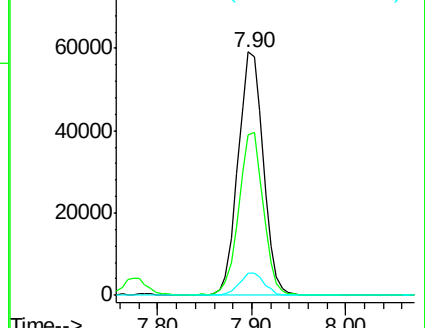
127 8.9 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.207 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

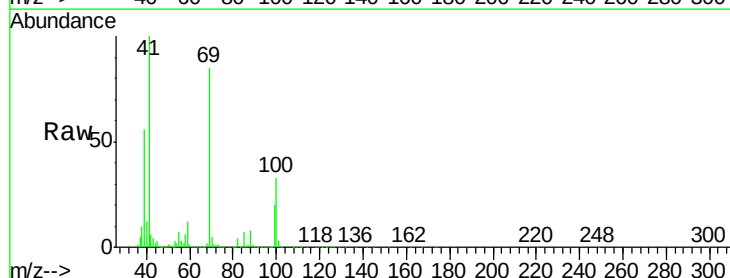
Tgt Ion: 41 Resp: 101739

Ion Ratio Lower Upper

41 100

69 88.6 70.2 105.4

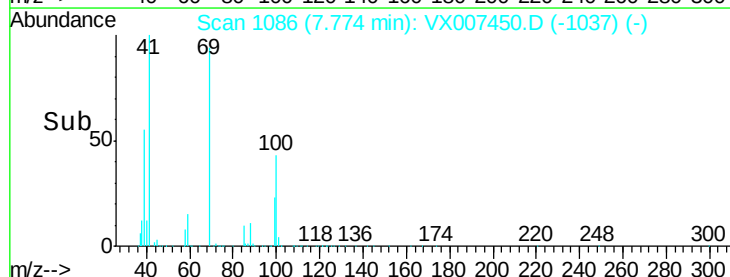
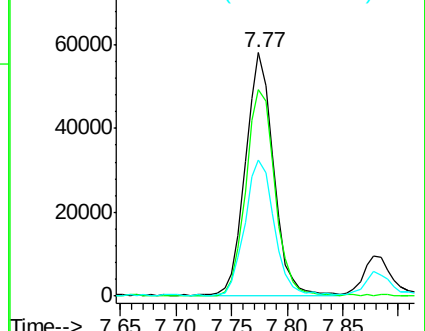
39 58.2 47.4 71.0

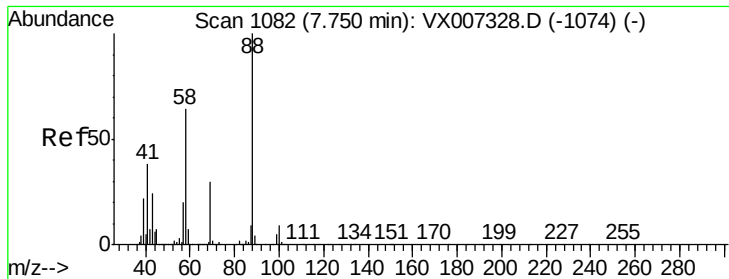


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

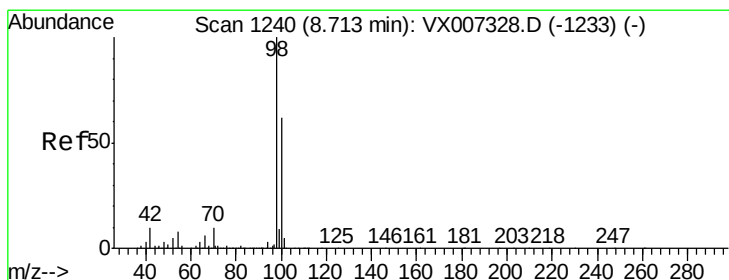
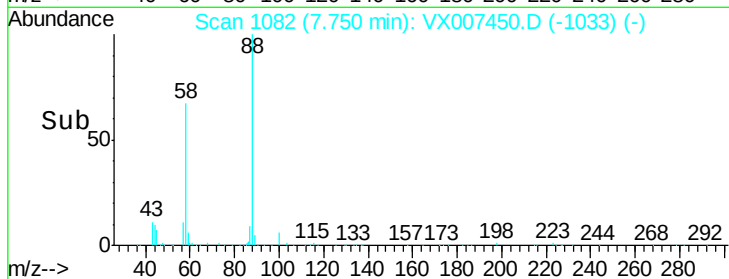
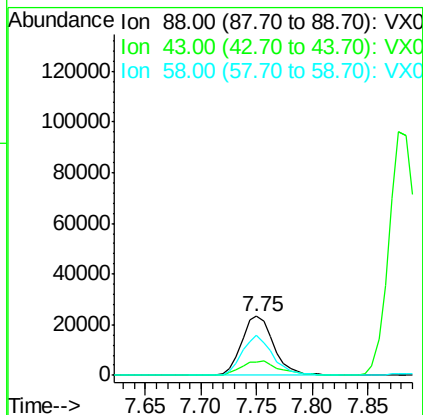
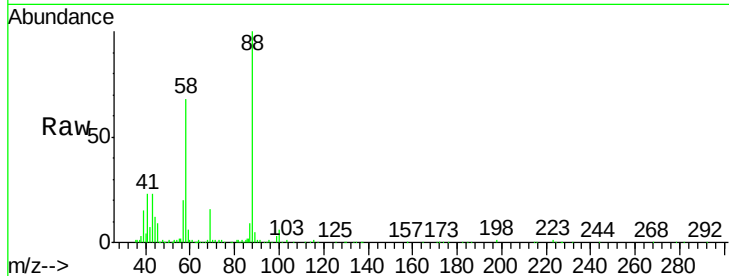




#49
 1,4-Dioxane
 Concen: 433.087 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

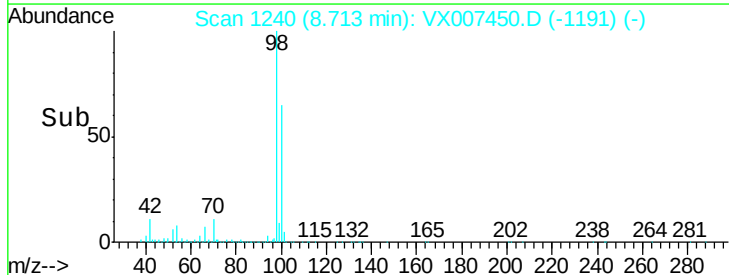
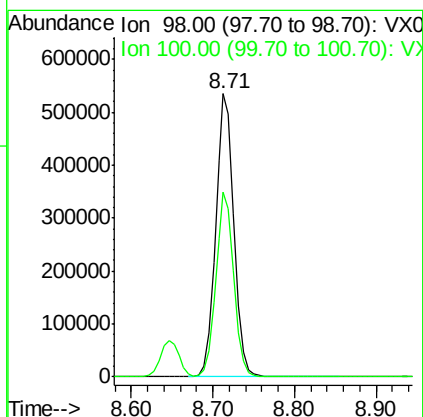
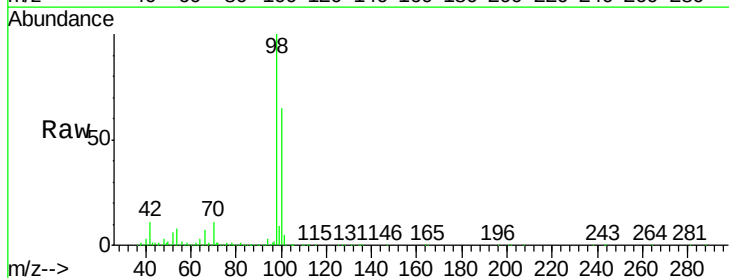
Instrument :
 MSVOA_X
 ClientSampleId :

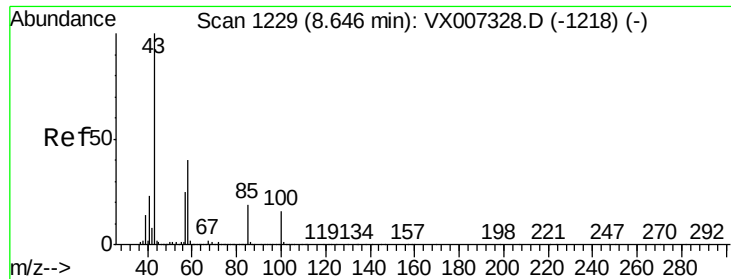
Tot Ion: 88 Resp: 46822
 Ion Ratio Lower Upper
 88 100
 43 28.3 24.2 36.4
 58 64.9 53.0 79.4



#50
 Toluene-d8
 Concen: 50.391 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion: 98 Resp: 833394
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.6 77.4

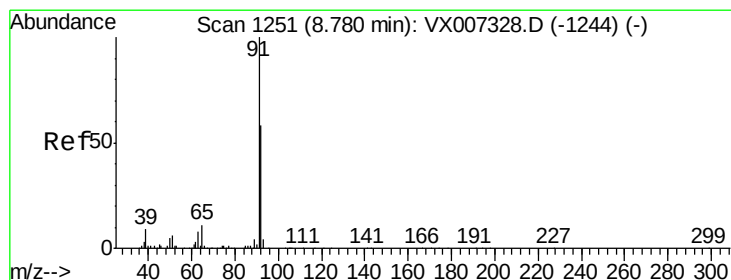
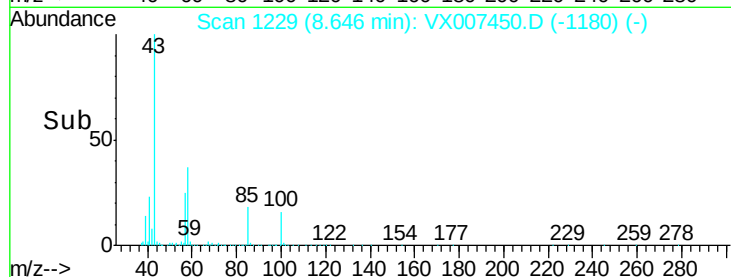
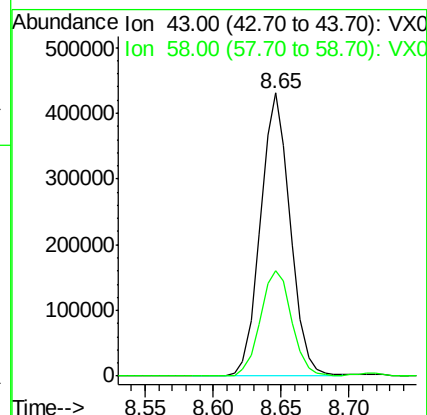
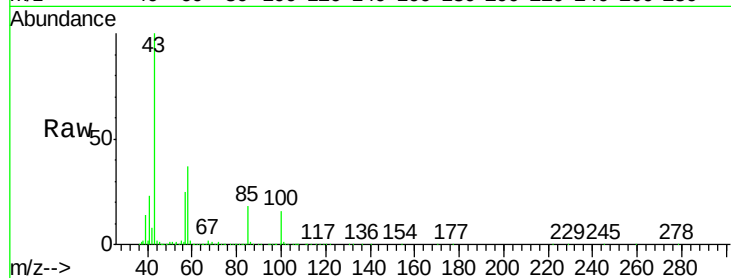




#51
 4-Methyl-2-Pentanone
 Concen: 104.780 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

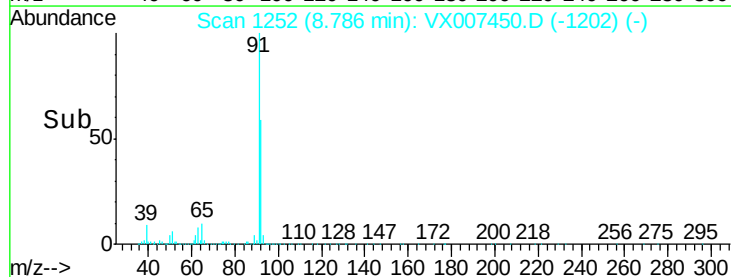
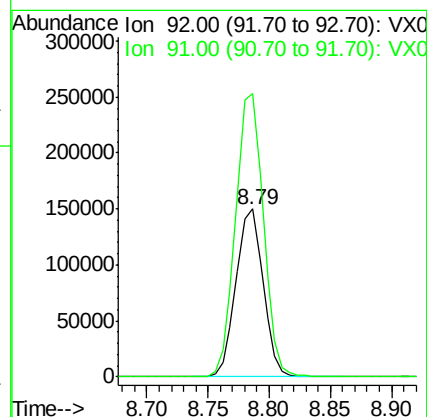
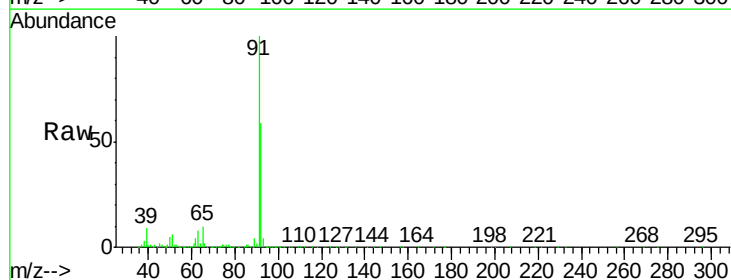
Instrument :
 MSVOA_X
 ClientSampleId :

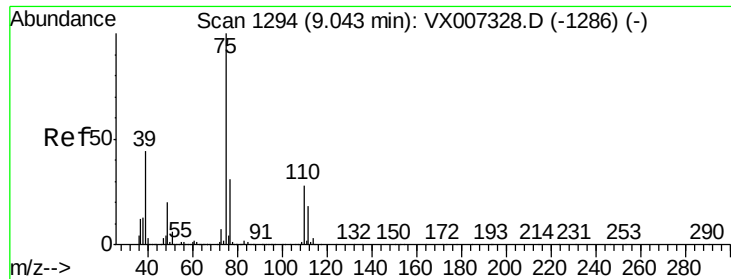
Tot Ion: 43 Resp: 661563
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.2 46.8



#52
 Toluene
 Concen: 19.765 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion: 92 Resp: 230904
 Ion Ratio Lower Upper
 92 100
 91 172.9 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 19.119 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

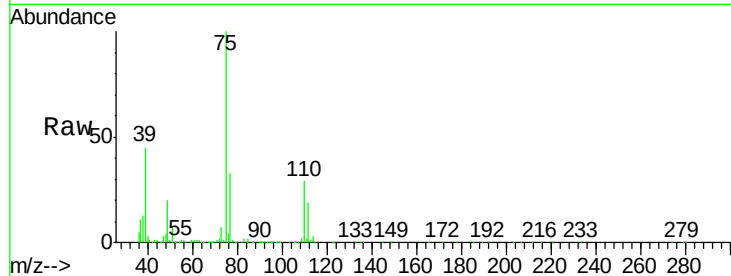
ClientSampleId :

Tot Ion: 75 Resp: 114763

Ion Ratio Lower Upper

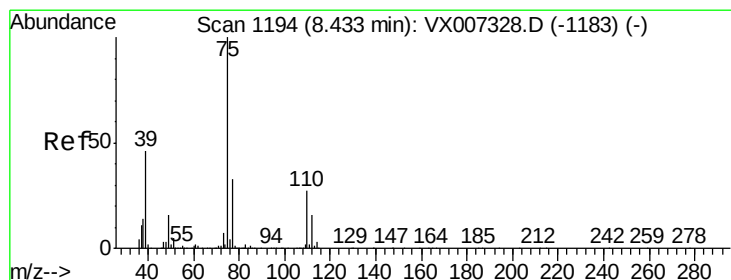
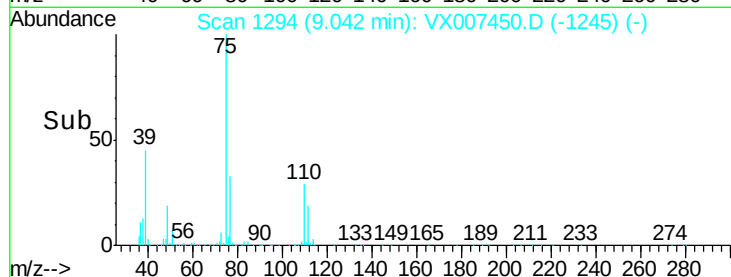
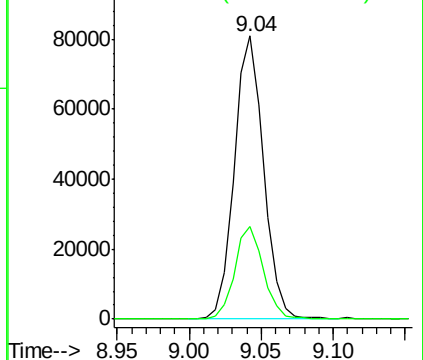
75 100

77 32.6 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.757 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

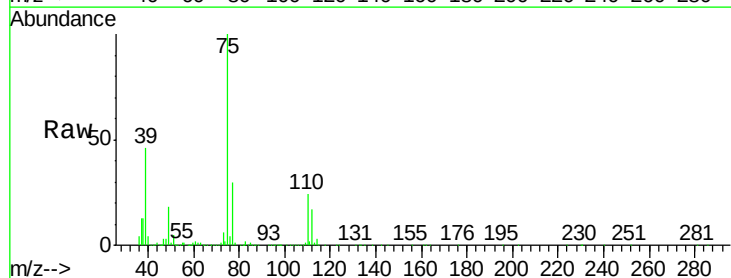
Tgt Ion: 75 Resp: 130415

Ion Ratio Lower Upper

75 100

77 30.4 26.2 39.4

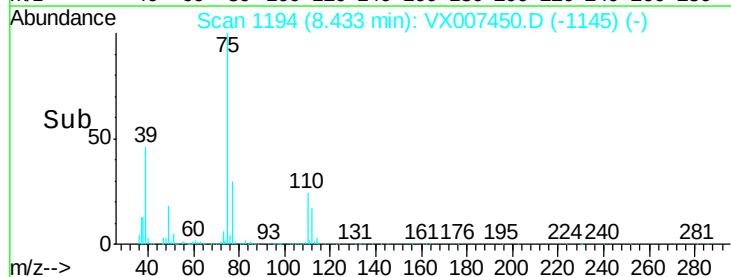
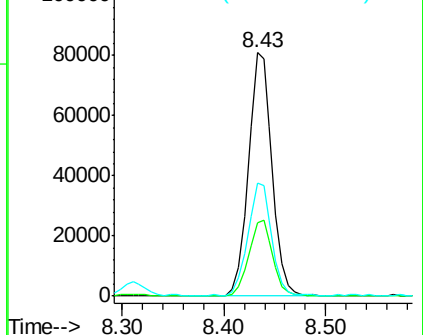
39 45.8 37.1 55.7

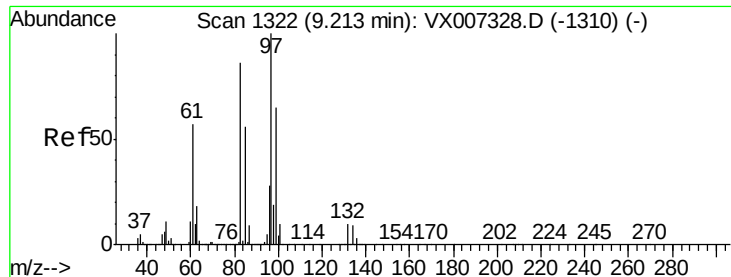


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.692 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 95895

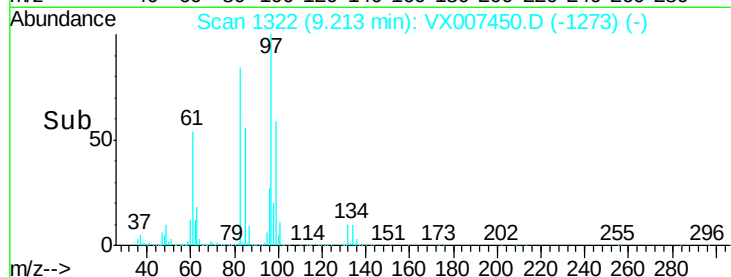
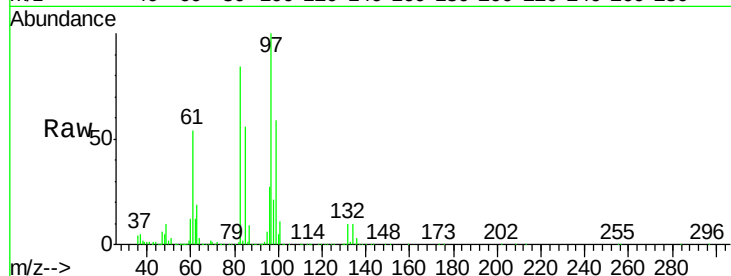
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.6	102.8
85	56.3	44.5	66.7
99	59.2	52.2	78.4

97 100

83 83.9 68.6 102.8

85 56.3 44.5 66.7

99 59.2 52.2 78.4

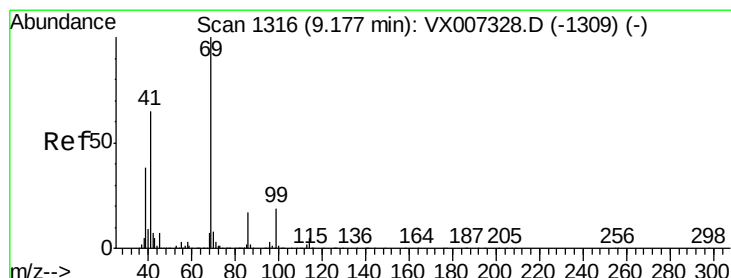
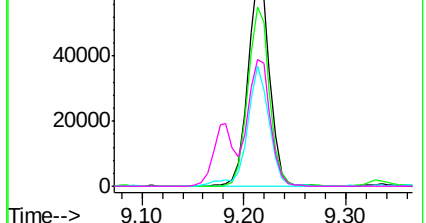


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.590 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

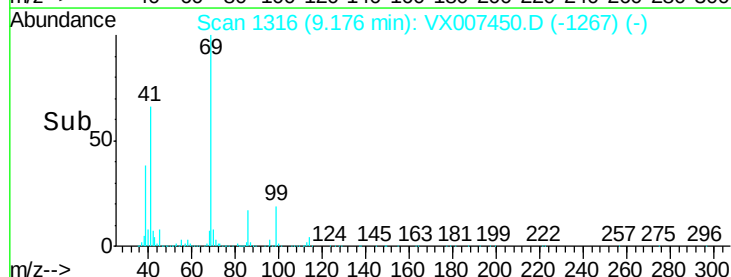
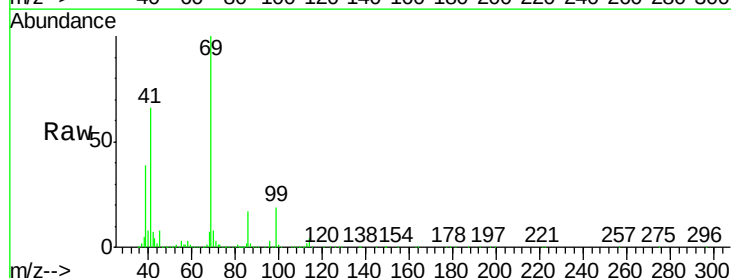
Tgt Ion: 69 Resp: 138874

Ion	Ratio	Lower	Upper
69	100		
41	62.0	52.1	78.1
39	35.8	30.1	45.1

69 100

41 62.0 52.1 78.1

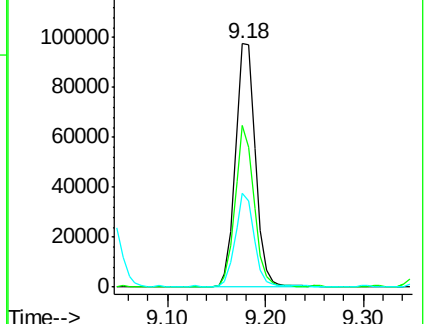
39 35.8 30.1 45.1

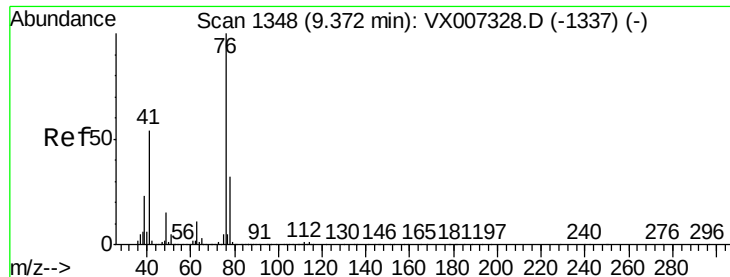


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.025 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

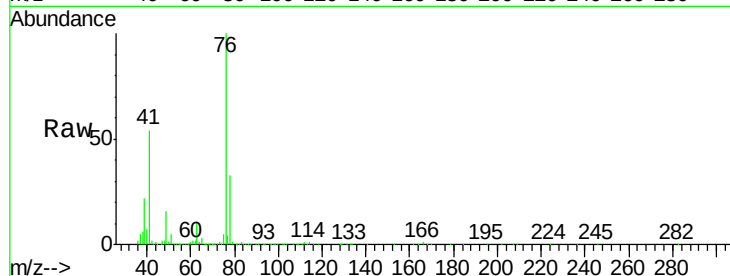
ClientSampleId :

Tot Ion: 76 Resp: 155078

Ion Ratio Lower Upper

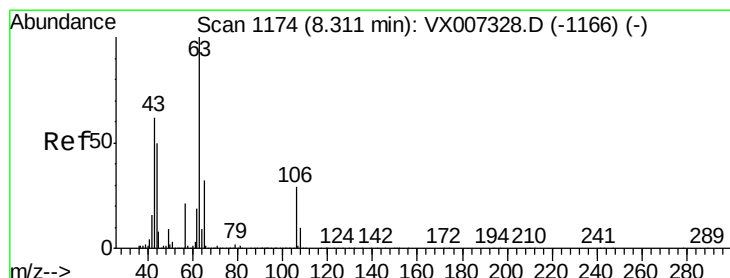
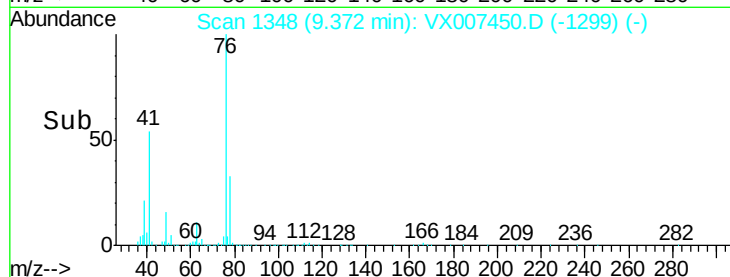
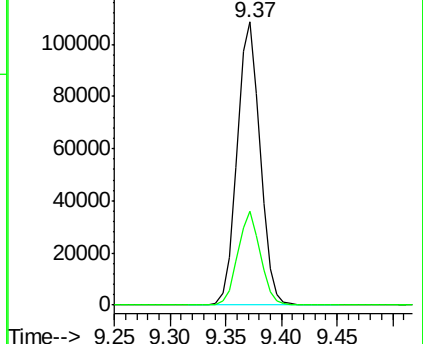
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 97.857 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007450.D

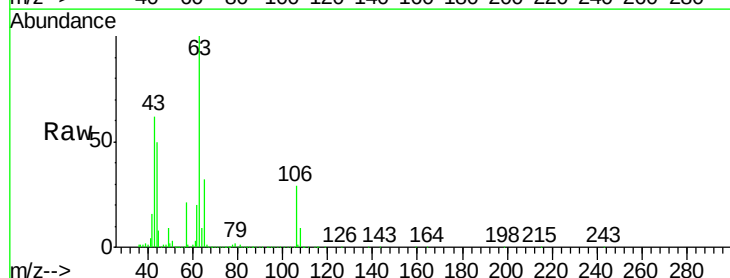
Acq: 08 Feb 2019 18:49

Tgt Ion: 63 Resp: 347880

Ion Ratio Lower Upper

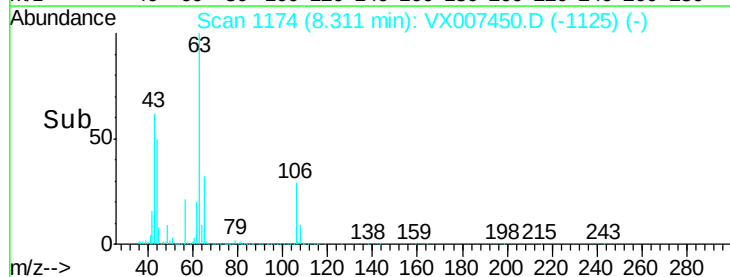
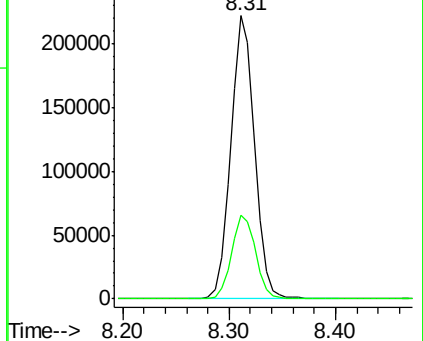
63 100

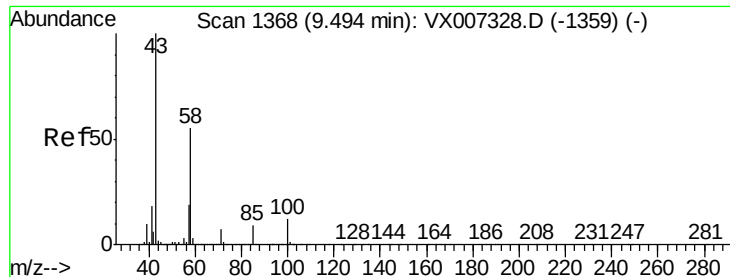
106 29.9 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

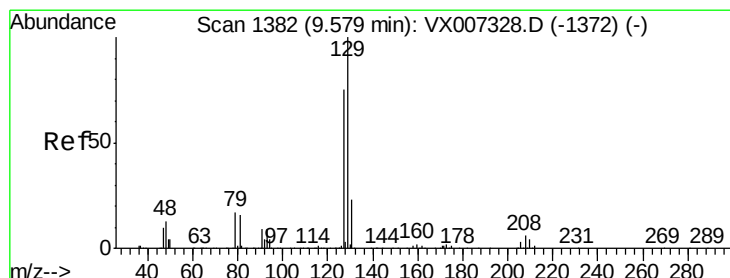
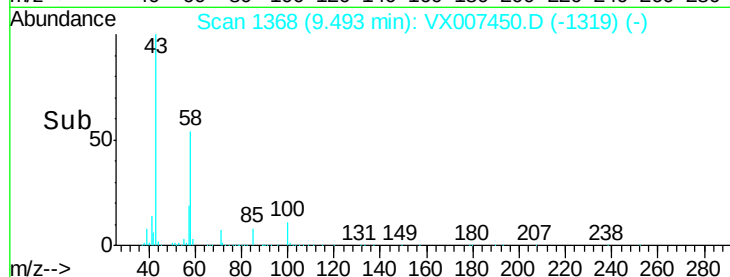
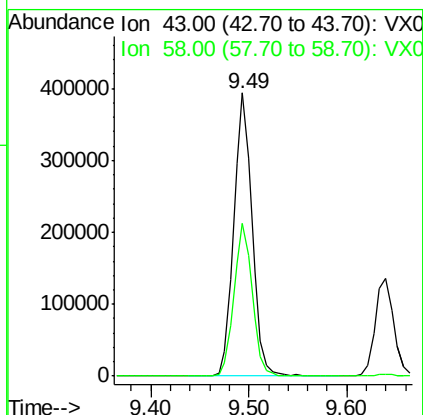
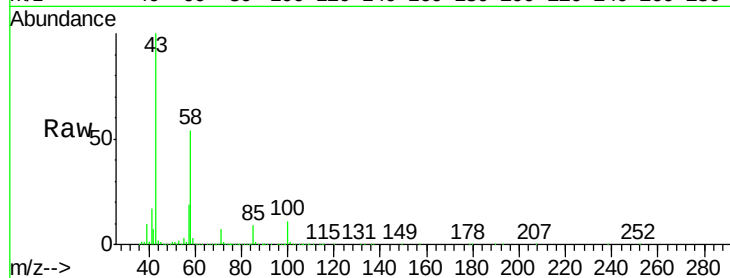




#59
2-Hexanone
Concen: 103.975 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

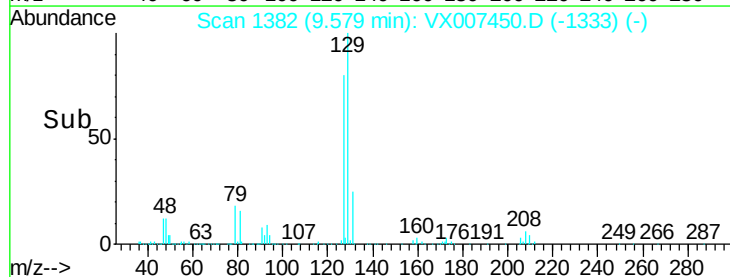
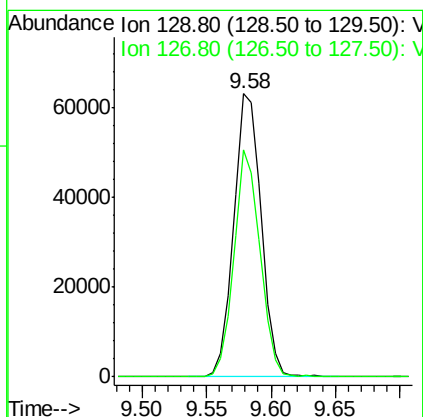
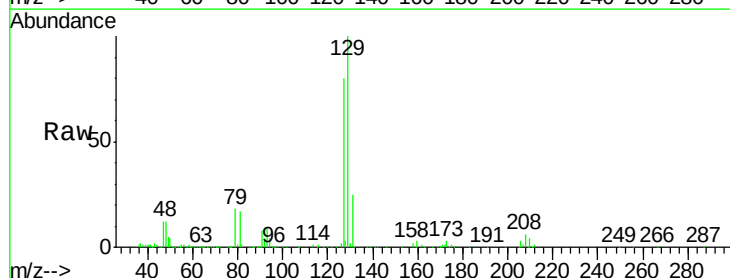
Instrument :
MSVOA_X
ClientSampleId :

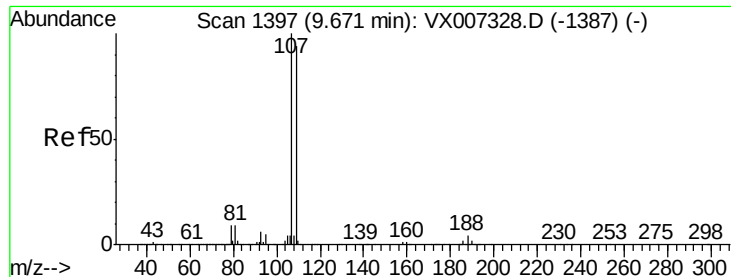
Tot Ion: 43 Resp: 510848
Ion Ratio Lower Upper
43 100
58 54.3 27.1 81.3



#60
Dibromochloromethane
Concen: 20.413 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 129 Resp: 94014
Ion Ratio Lower Upper
129 100
127 76.1 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.243 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

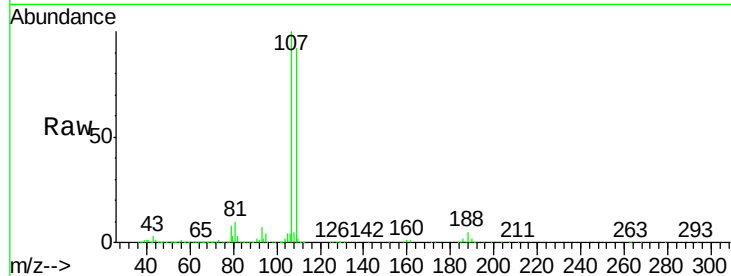
ClientSampleId :

Tot Ion:107 Resp: 104393

Ion Ratio Lower Upper

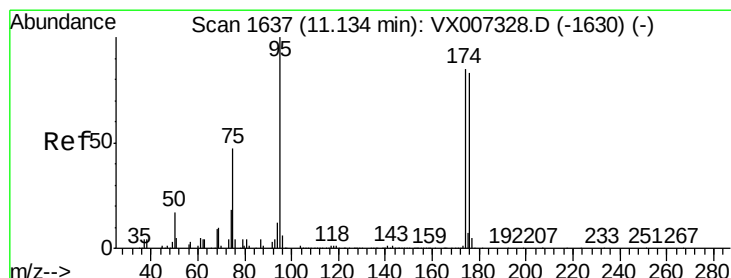
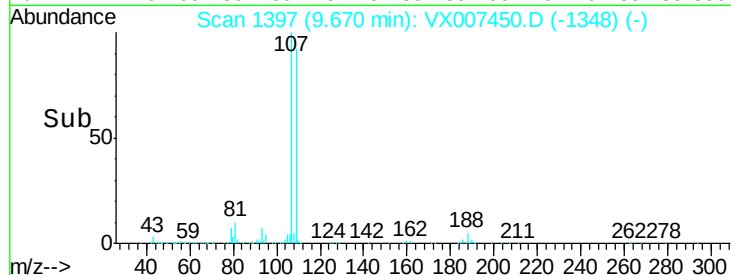
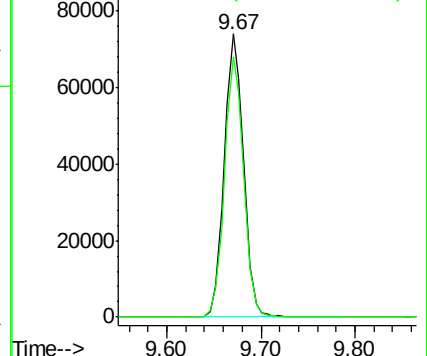
107 100

109 91.7 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.078 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

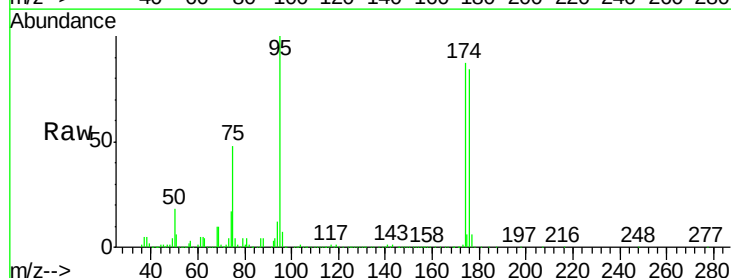
Tgt Ion: 95 Resp: 296345

Ion Ratio Lower Upper

95 100

174 94.1 0.0 189.2

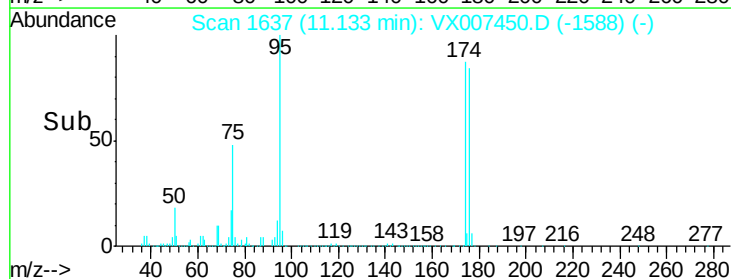
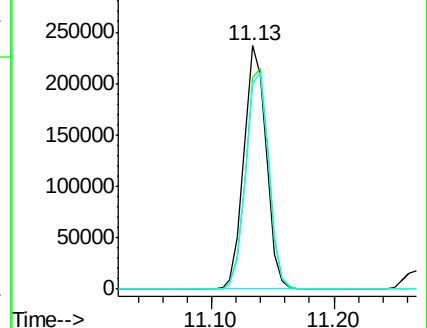
176 91.9 0.0 186.2

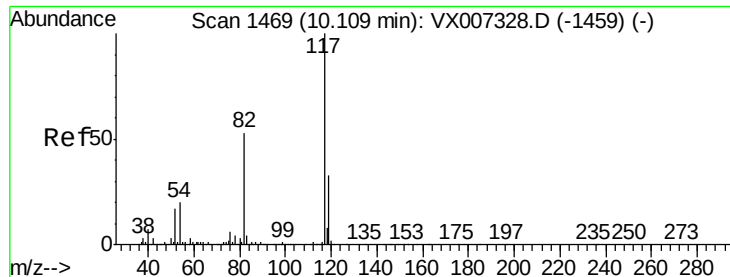


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

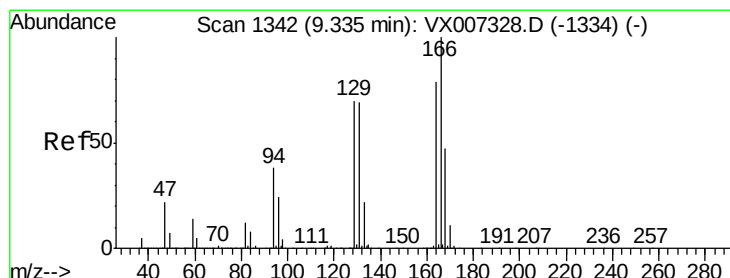
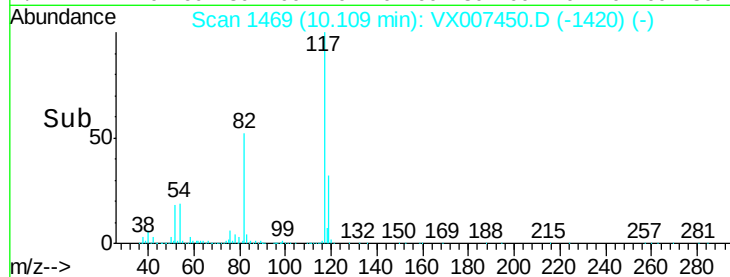
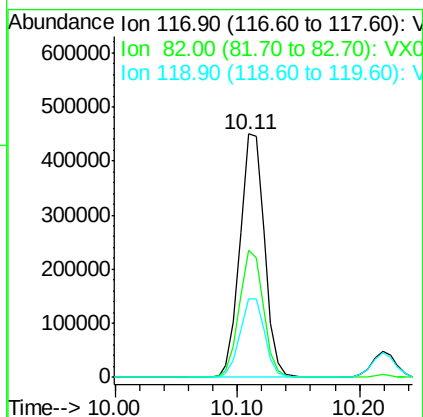
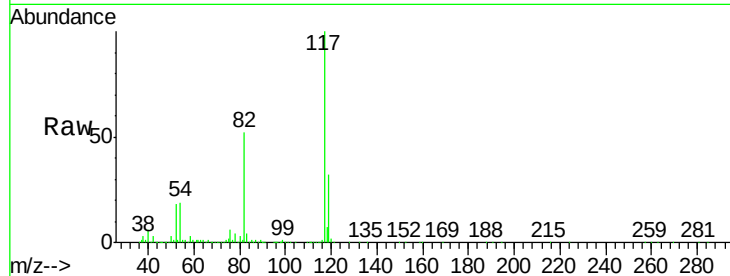




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

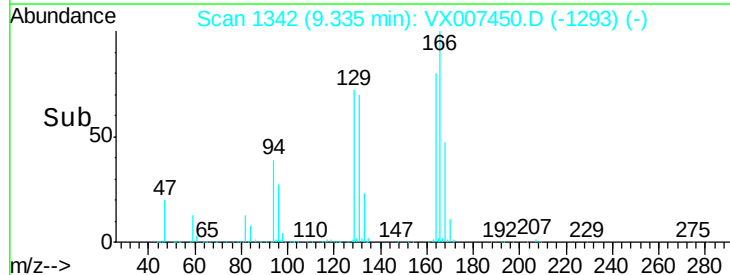
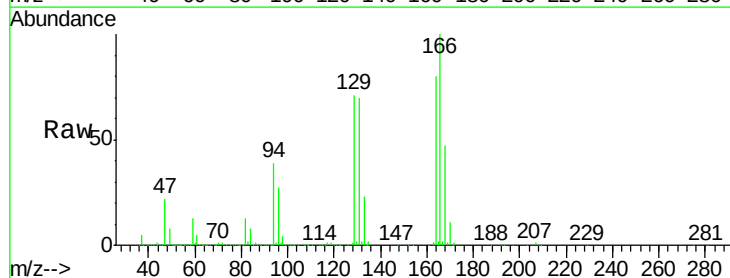
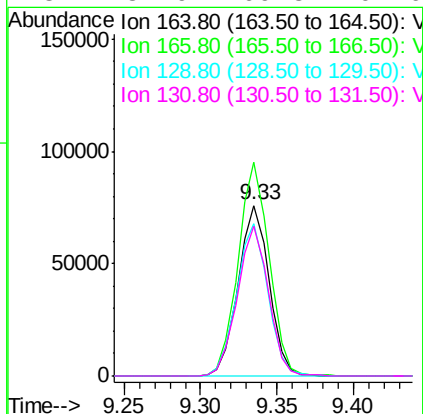
Instrument :
MSVOA_X
ClientSampled :

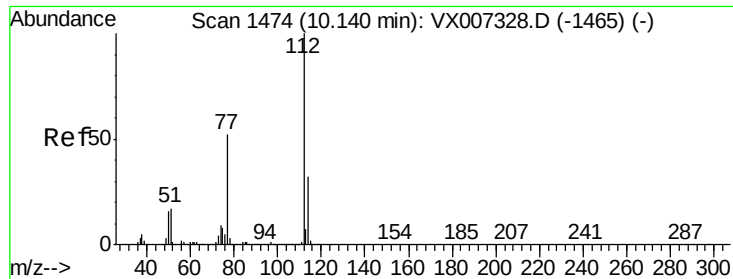
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.1	63.1
119	32.2	26.5	39.7



#64
Tetrachloroethene
Concen: 18.260 ug/l
RT: 9.33 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	101.0	151.4
129	89.5	70.5	105.7
131	87.9	69.8	104.6





#65

Chlorobenzene

Concen: 19.551 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

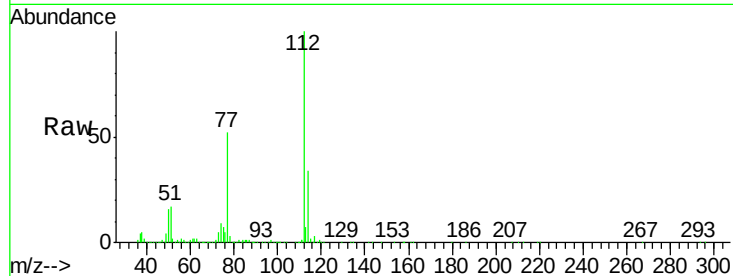
ClientSampled :

Tot Ion:112 Resp: 265377

Ion Ratio Lower Upper

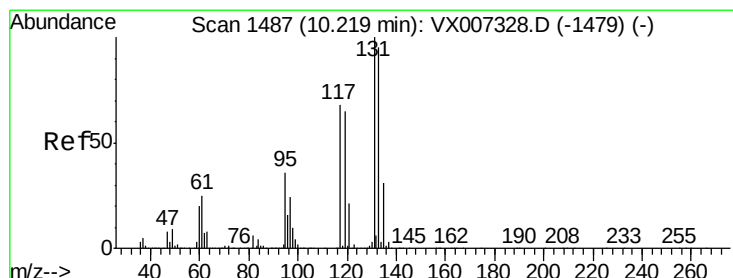
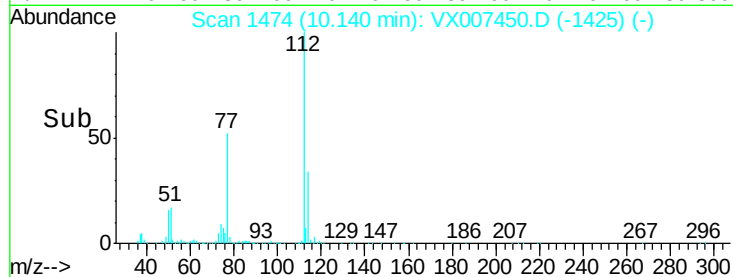
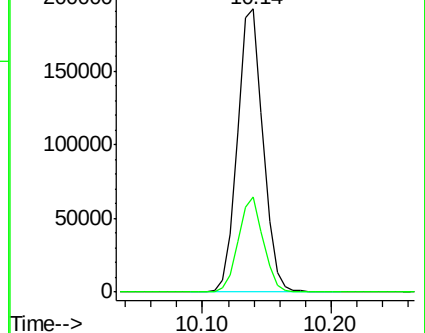
112 100

114 33.6 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.285 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

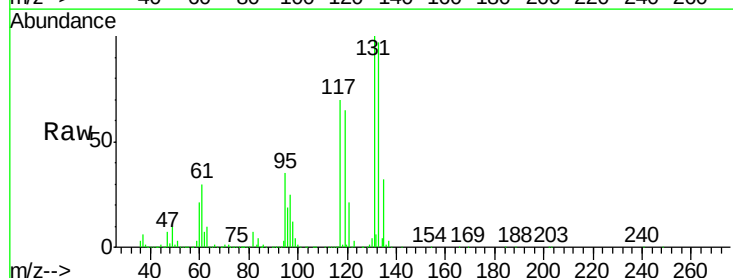
Tgt Ion:131 Resp: 92315

Ion Ratio Lower Upper

131 100

133 97.2 48.0 144.2

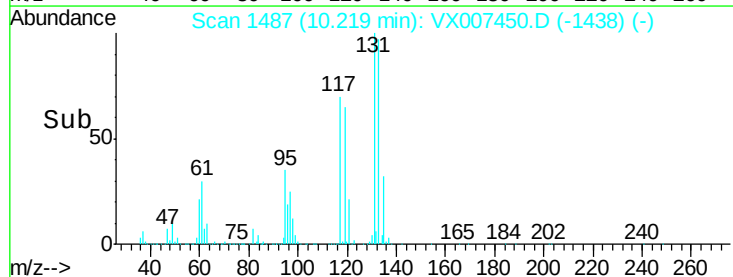
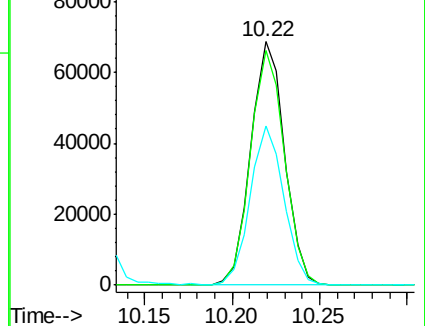
119 65.3 32.0 96.0

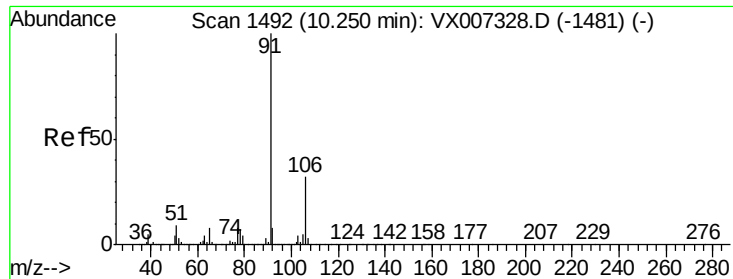


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

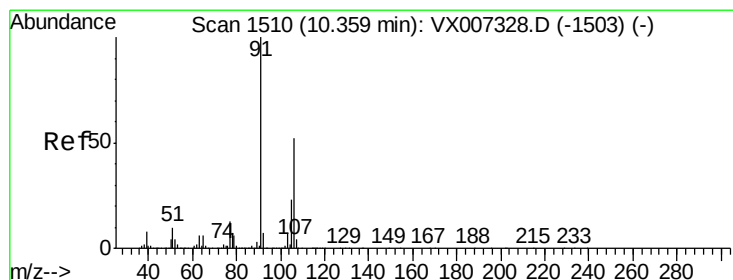
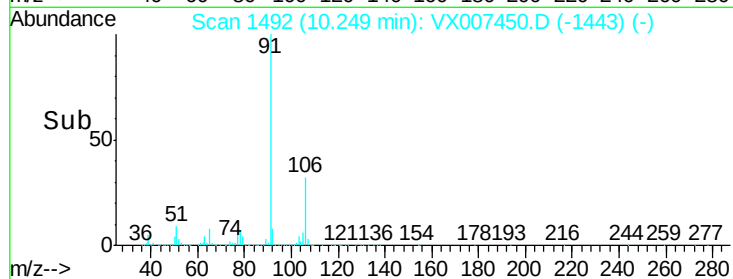
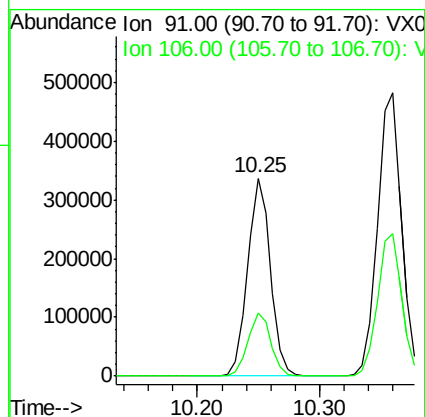
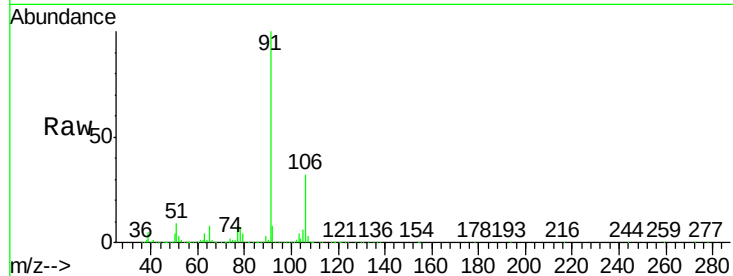




#67
Ethyl Benzene
Concen: 19.897 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

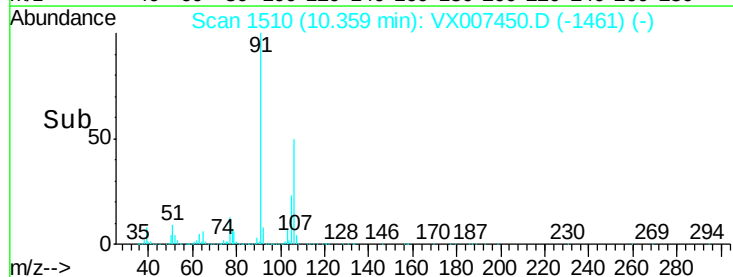
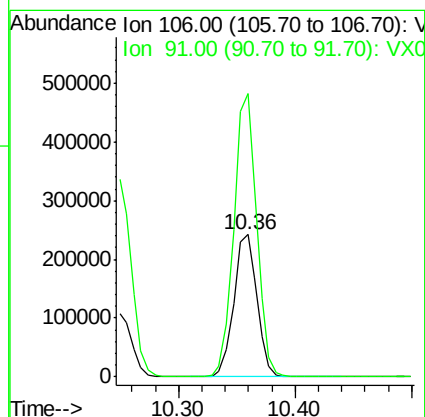
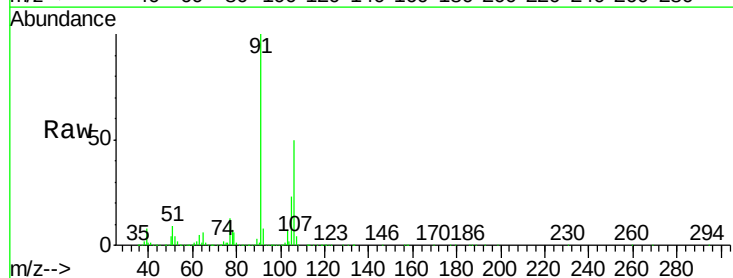
Instrument :
MSVOA_X
ClientSampleId :

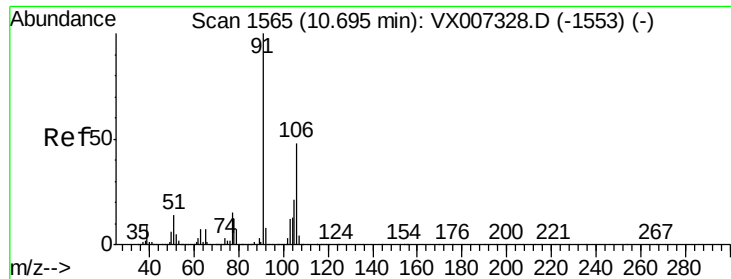
Tot Ion: 91 Resp: 434937
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 38.590 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 106 Resp: 335319
Ion Ratio Lower Upper
106 100
91 197.1 156.6 234.8

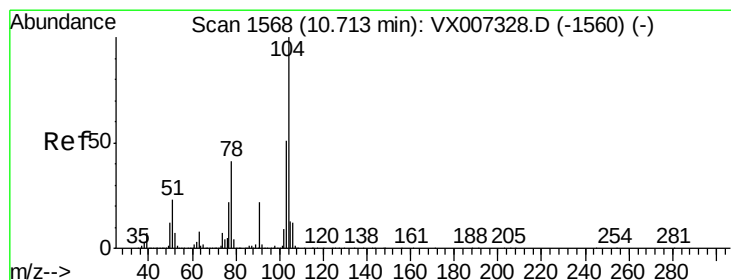
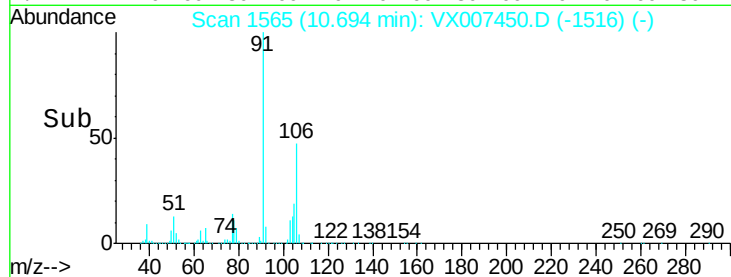
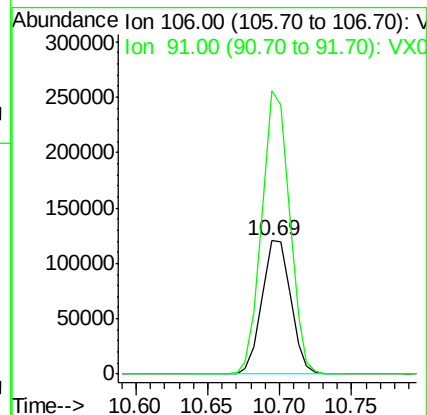
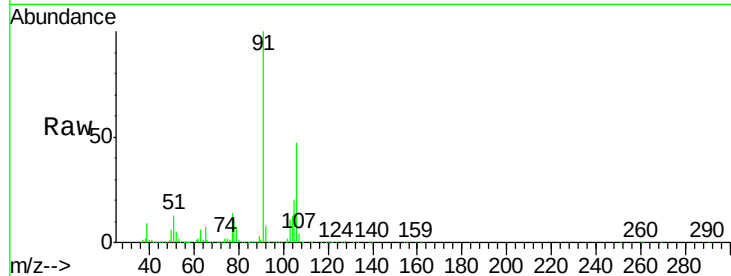




#69
o-Xylene
Concen: 19.884 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

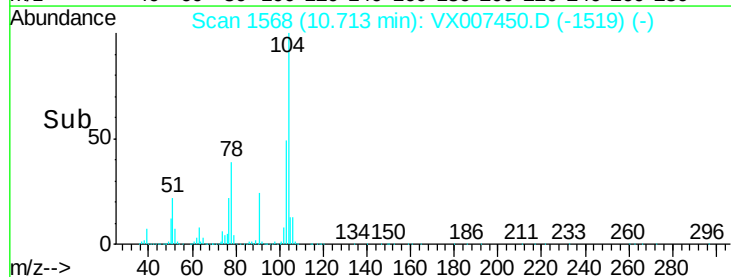
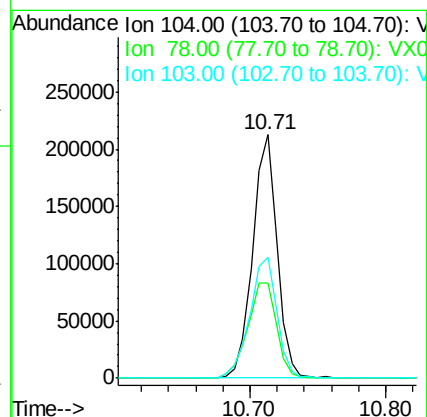
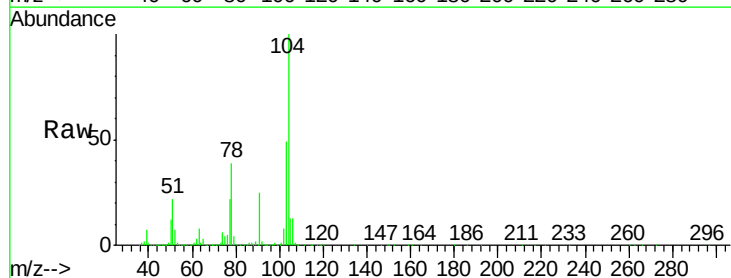
Instrument :
MSVOA_X
ClientSampled :

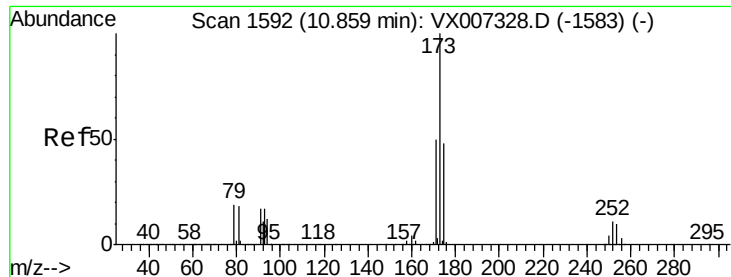
Tot Ion:106 Resp: 166255
Ion Ratio Lower Upper
106 100
91 204.8 102.9 308.7



#70
Styrene
Concen: 19.781 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion:104 Resp: 268226
Ion Ratio Lower Upper
104 100
78 46.8 38.3 57.5
103 55.8 44.6 67.0





#71

Bromoform

Concen: 20.076 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

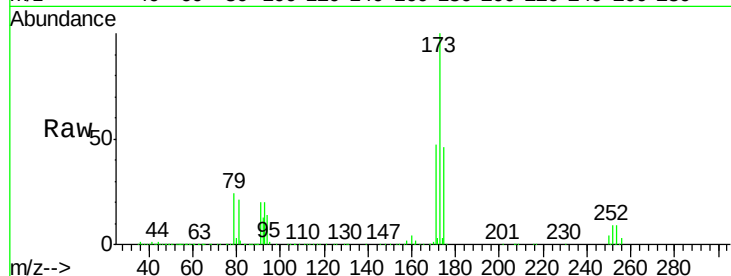
Tot Ion:173 Resp: 69663

Ion Ratio Lower Upper

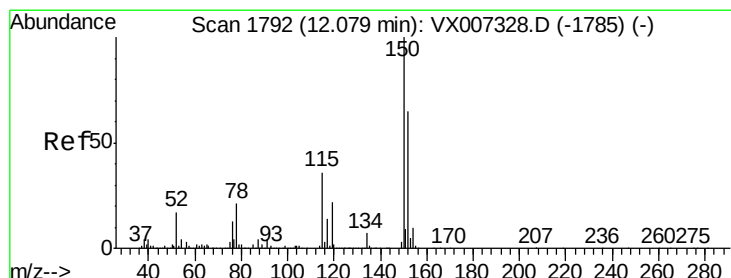
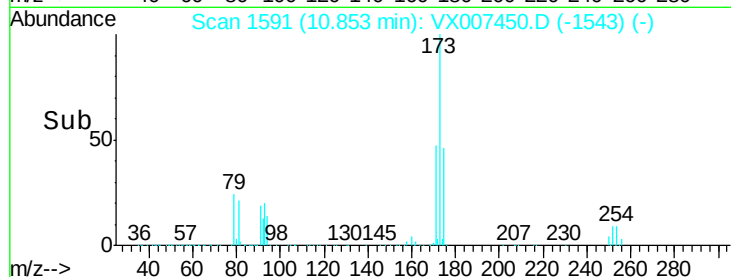
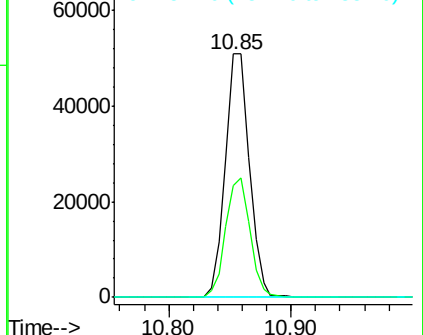
173 100

175 49.5 24.2 72.6

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

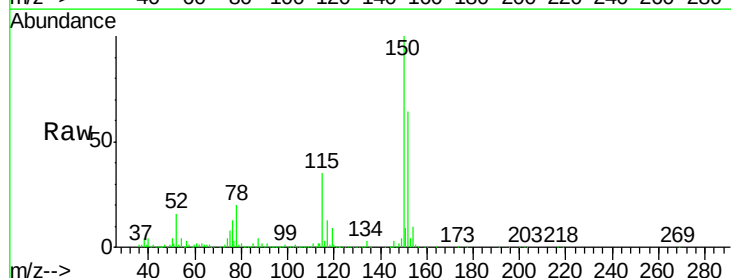
Tgt Ion:152 Resp: 319996

Ion Ratio Lower Upper

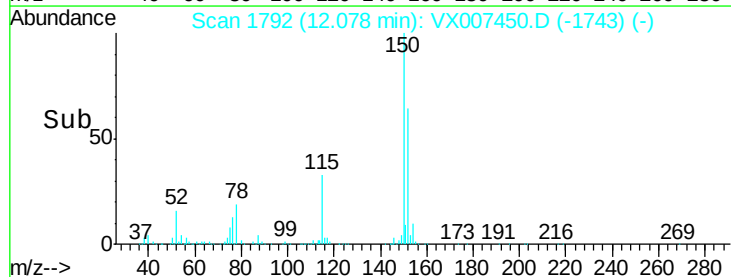
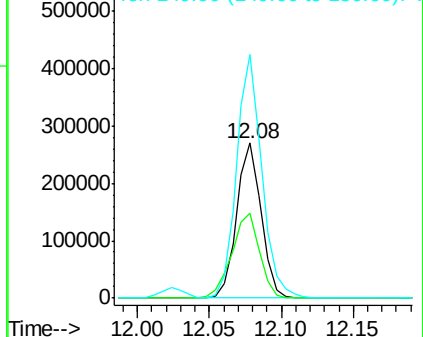
152 100

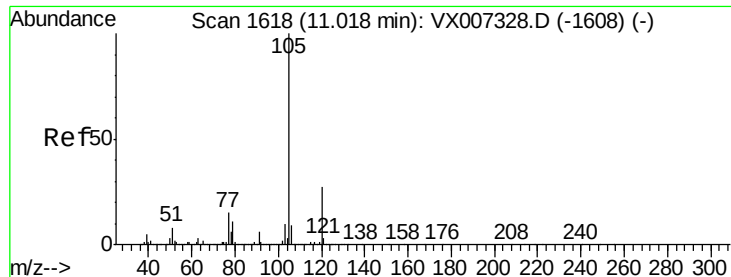
115 63.0 38.0 114.0

150 162.1 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.284 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

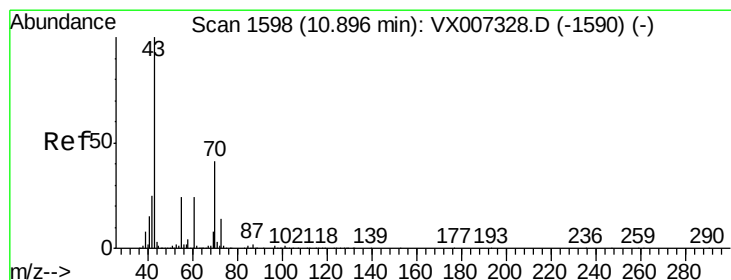
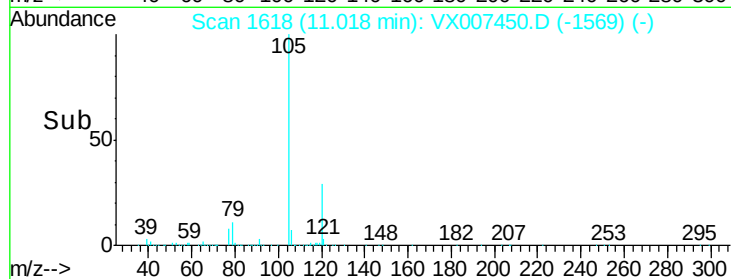
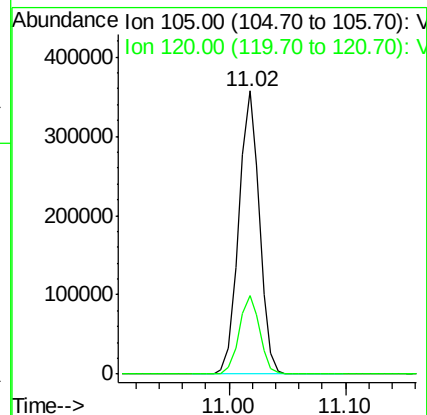
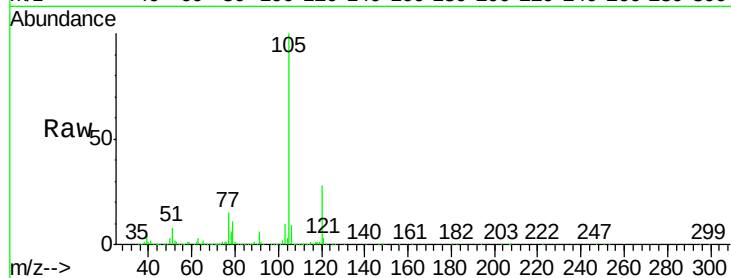
ClientSampleId :

Tot Ion:105 Resp: 441093

Ion Ratio Lower Upper

105 100

120 27.8 13.6 40.7



#74

N-ethyl acetate

Concen: 20.593 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Tgt Ion: 43 Resp: 173207

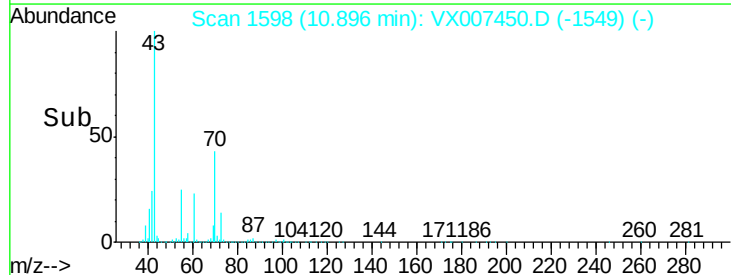
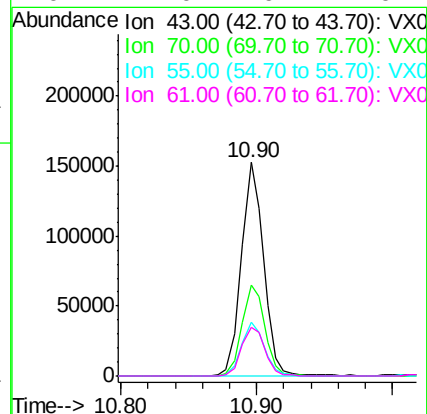
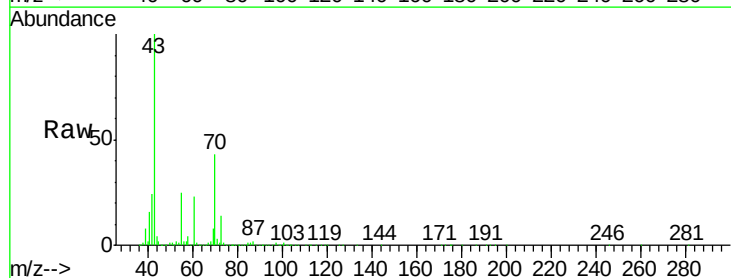
Ion Ratio Lower Upper

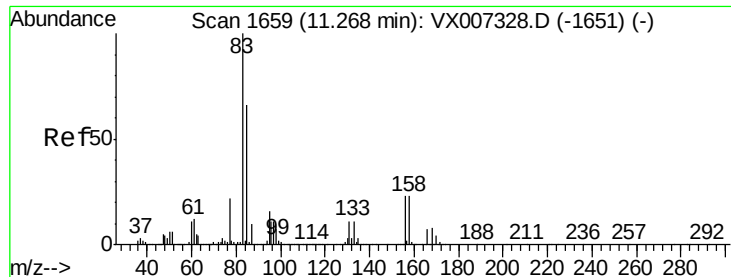
43 100

70 44.4 33.8 50.6

55 26.1 19.5 29.3

61 24.0 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.091 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampled :

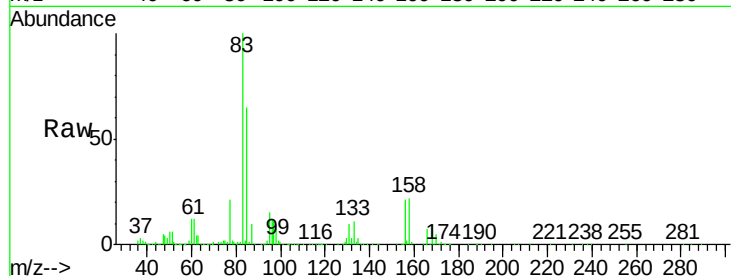
Tot Ion: 83 Resp: 146402

Ion Ratio Lower Upper

83 100

131 10.8 5.7 17.0

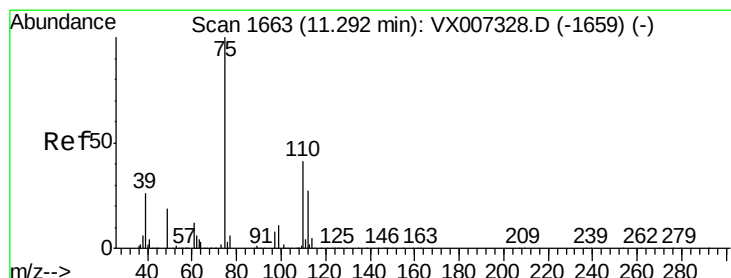
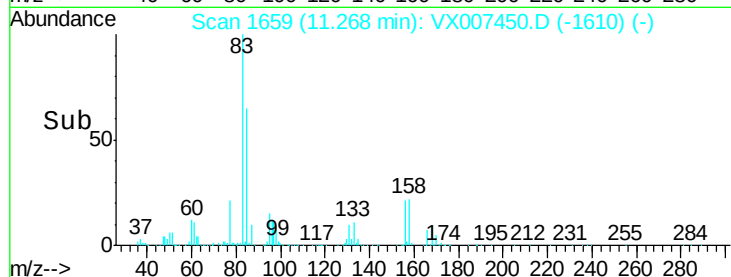
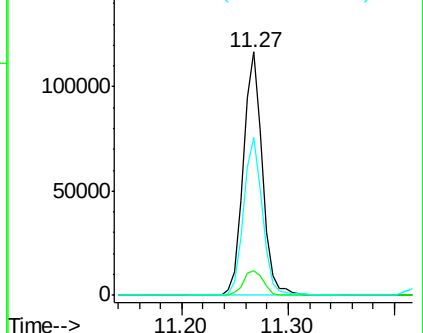
85 64.5 32.8 98.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.176 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007450.D

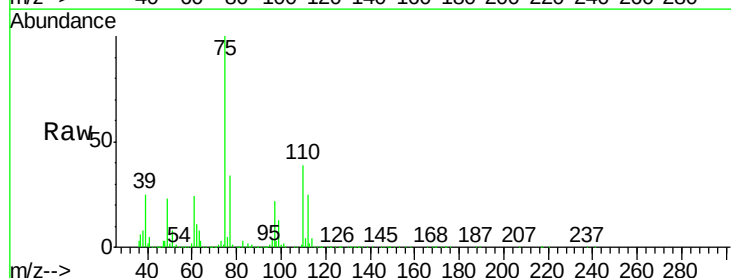
Acq: 08 Feb 2019 18:49

Tgt Ion: 75 Resp: 156706

Ion Ratio Lower Upper

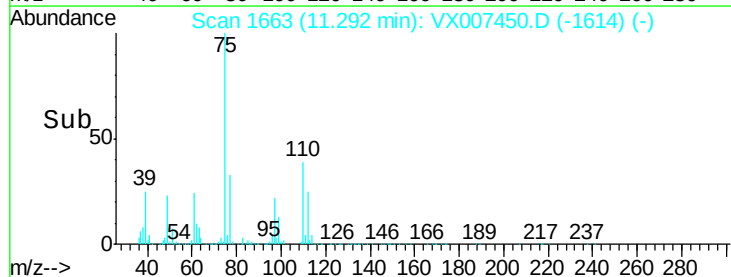
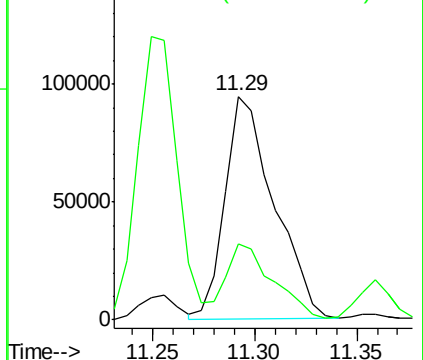
75 100

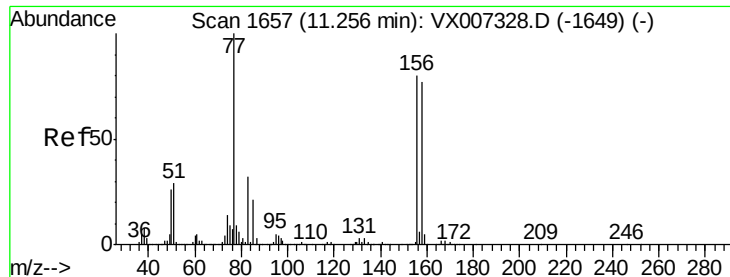
77 33.7 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.705 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

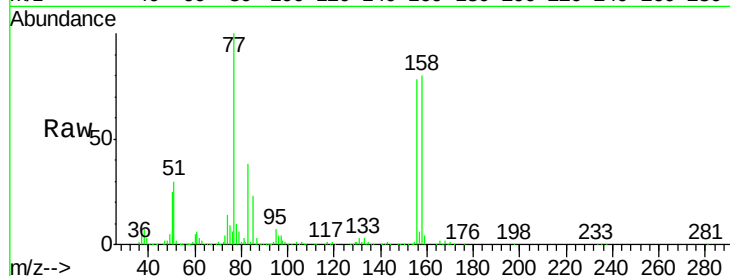
Tot Ion:156 Resp: 120728

Ion Ratio Lower Upper

156 100

77 133.9 66.8 200.6

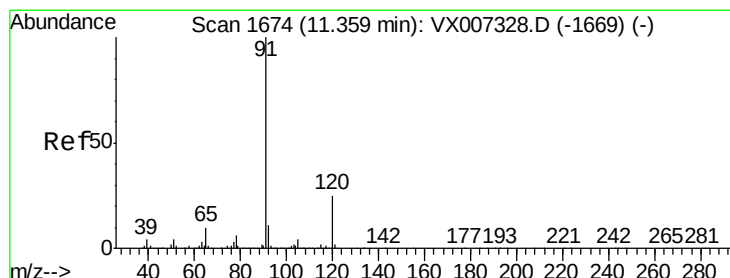
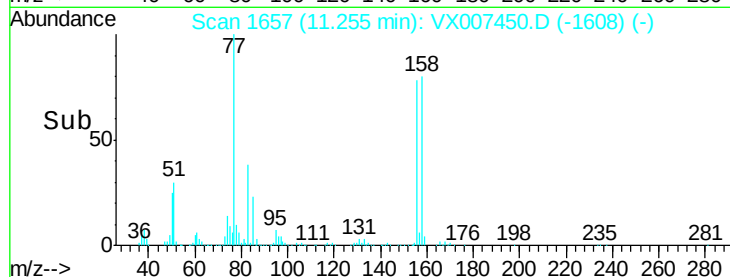
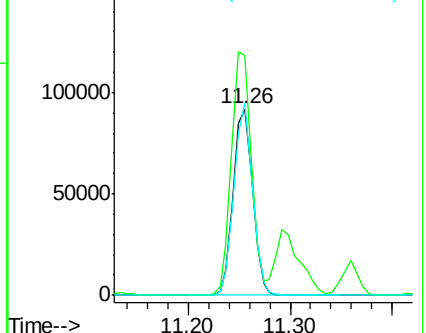
158 98.3 47.9 143.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.524 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007450.D

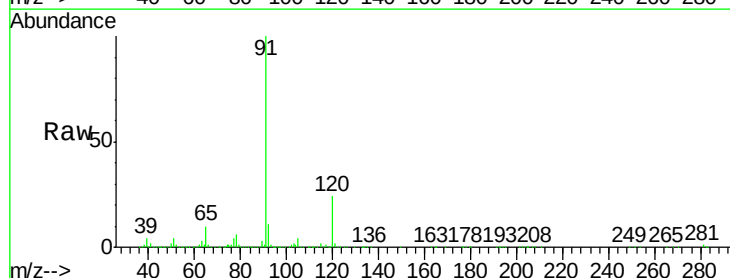
Acq: 08 Feb 2019 18:49

Tgt Ion: 91 Resp: 489391

Ion Ratio Lower Upper

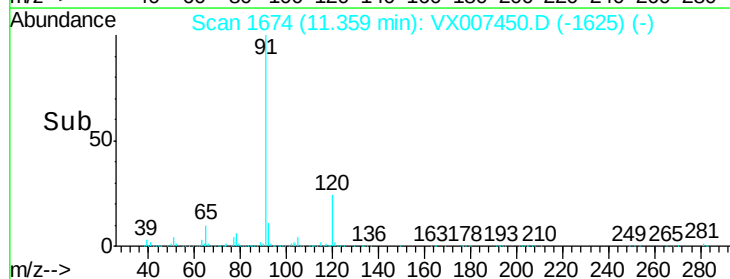
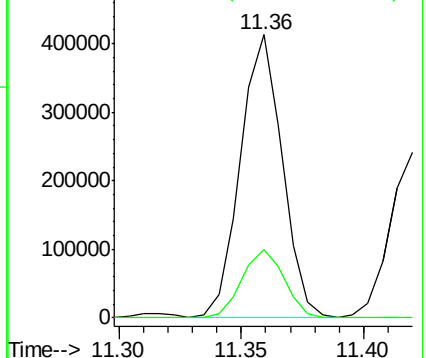
91 100

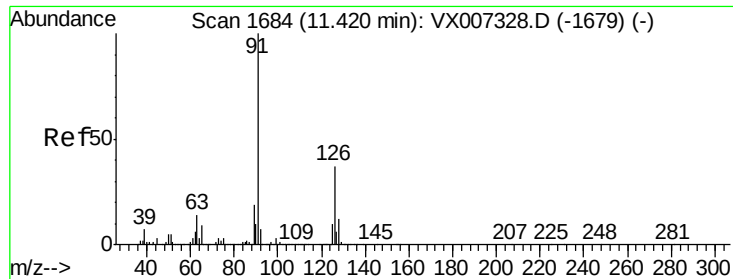
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

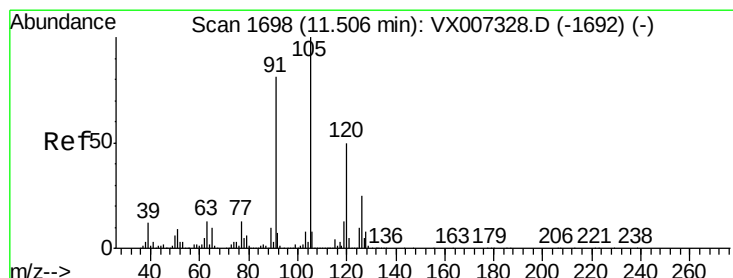
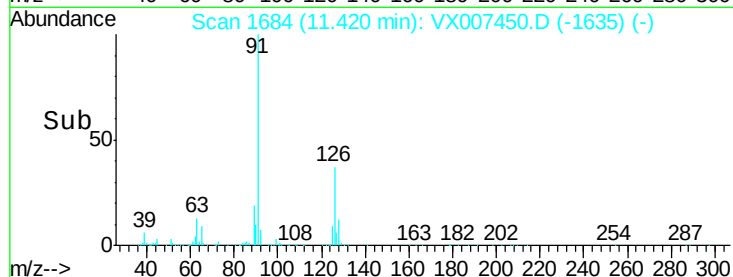
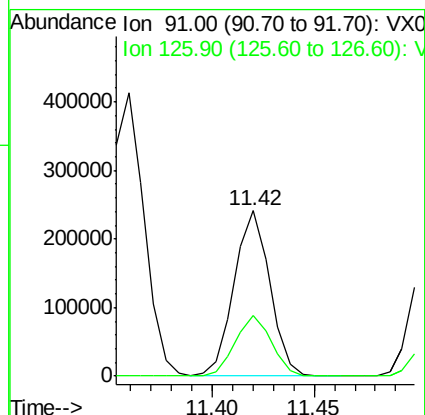
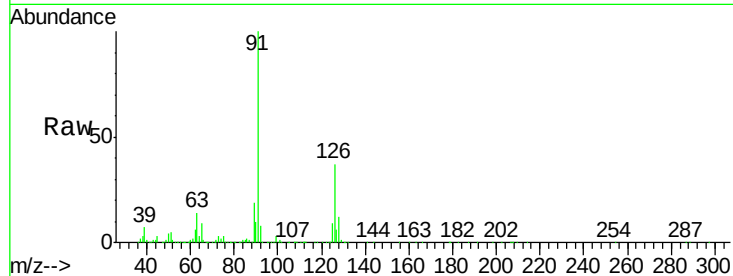




#79
2-Chlorotoluene
Concen: 20.072 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

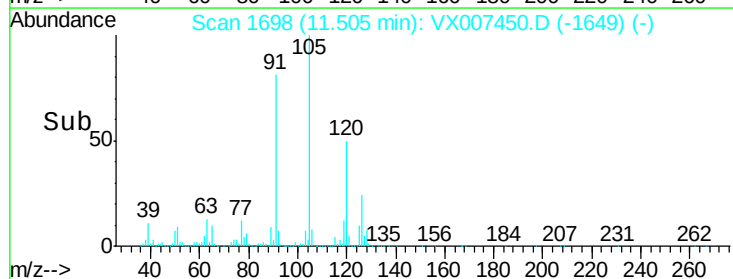
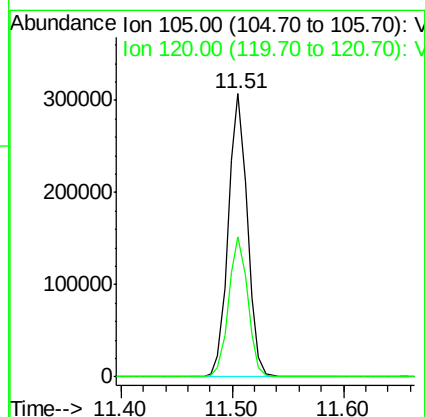
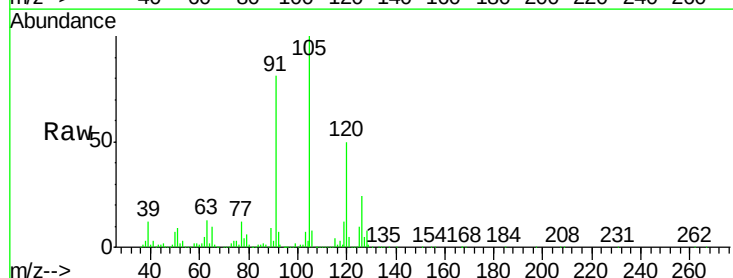
Instrument :
MSVOA_X
ClientSampleId :

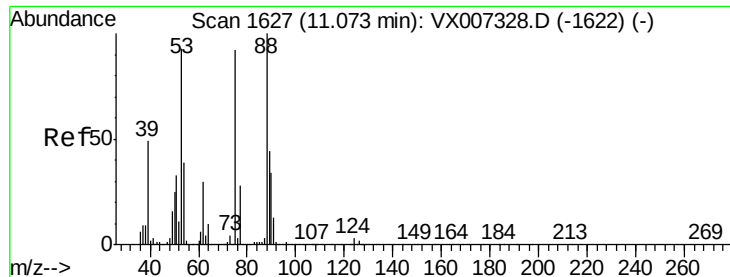
Tot Ion: 91 Resp: 290412
Ion Ratio Lower Upper
91 100
126 37.3 18.7 56.1



#80
1,3,5-Trimethylbenzene
Concen: 20.338 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 105 Resp: 361818
Ion Ratio Lower Upper
105 100
120 49.8 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.878 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

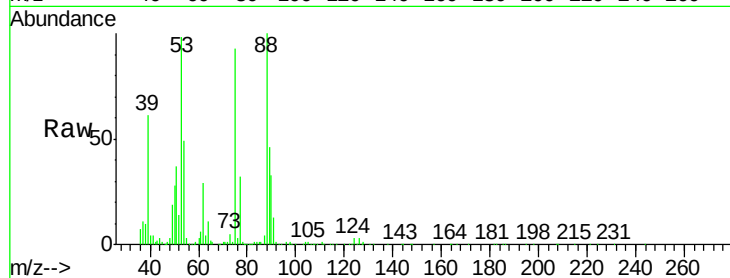
Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 75 Resp: 34426

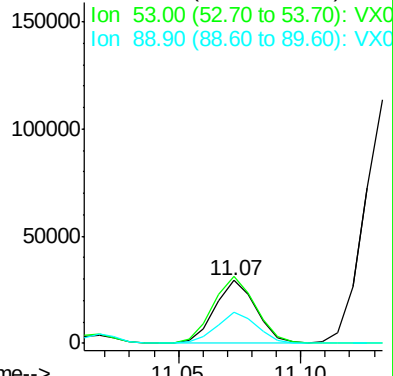
Ion	Ratio	Lower	Upper
75	100		
53	108.2	81.0	121.6
89	49.5	41.4	62.0



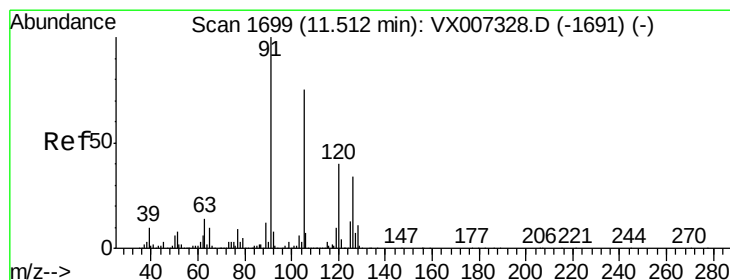
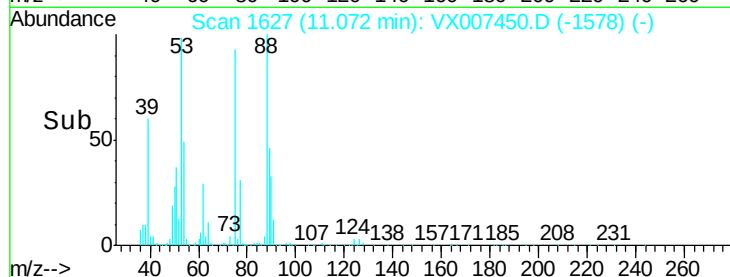
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time-->



#82

4-Chlorotoluene

Concen: 19.906 ug/l

RT: 11.51 min Scan# 1699

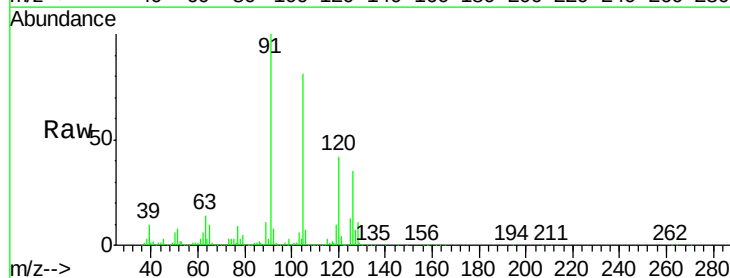
Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

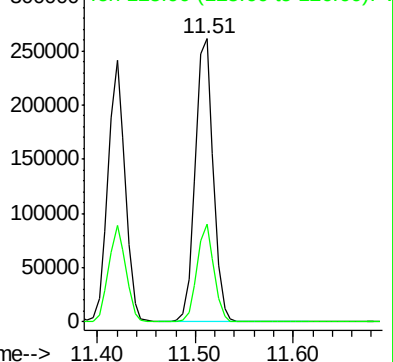
Tgt Ion: 91 Resp: 333271

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5

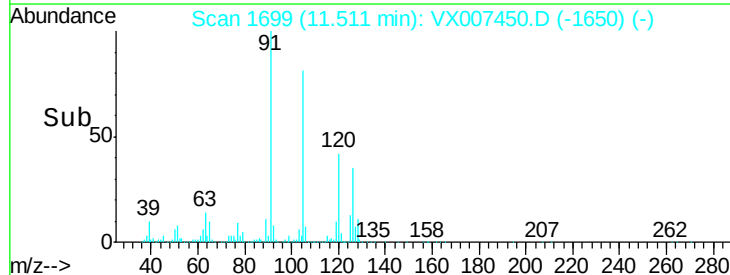


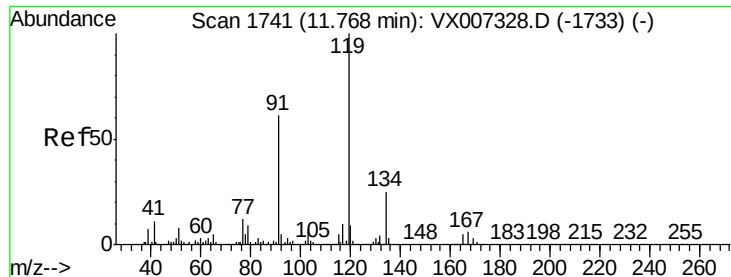
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



Time-->





#83

tert-Butylbenzene

Concen: 20.682 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

ClientSampleId :

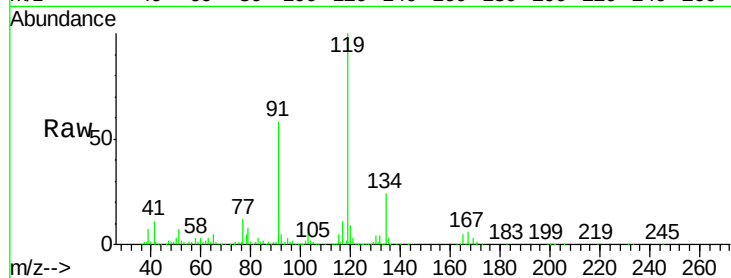
Tot Ion:119 Resp: 364289

Ion Ratio Lower Upper

119 100

91 54.9 28.5 85.6

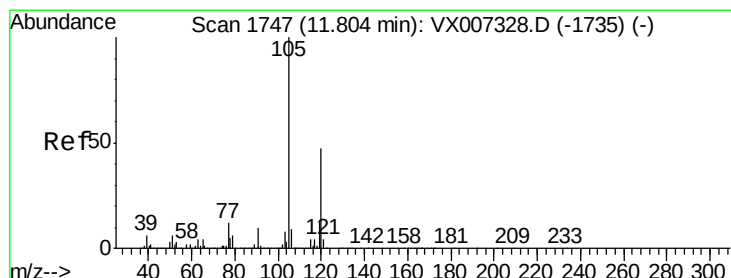
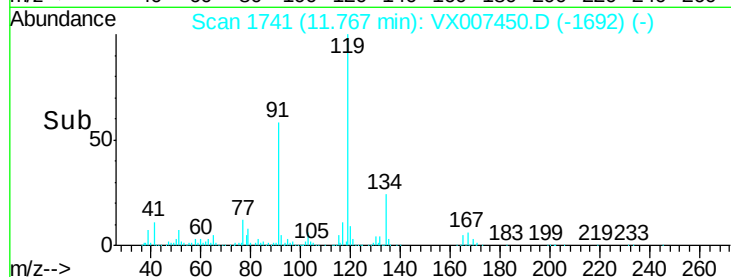
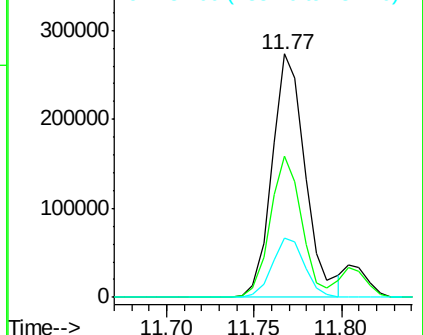
134 23.9 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.558 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007450.D

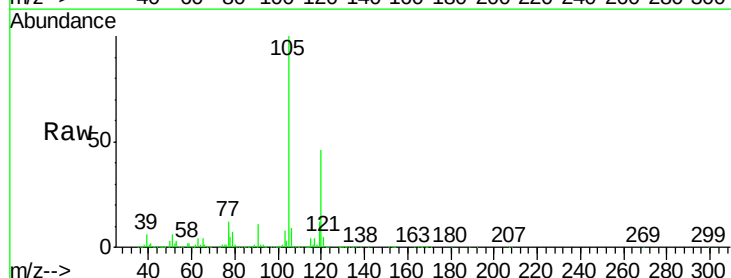
Acq: 08 Feb 2019 18:49

Tgt Ion:105 Resp: 371306

Ion Ratio Lower Upper

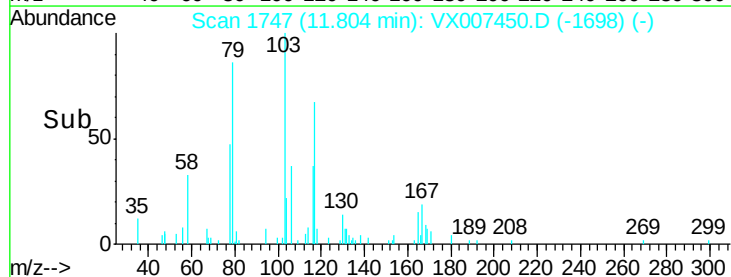
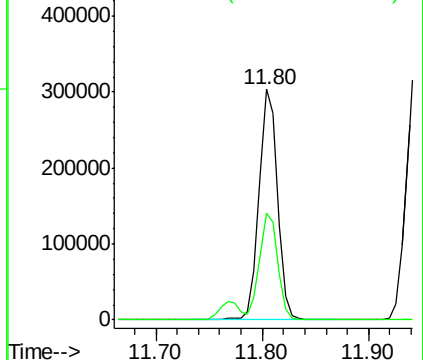
105 100

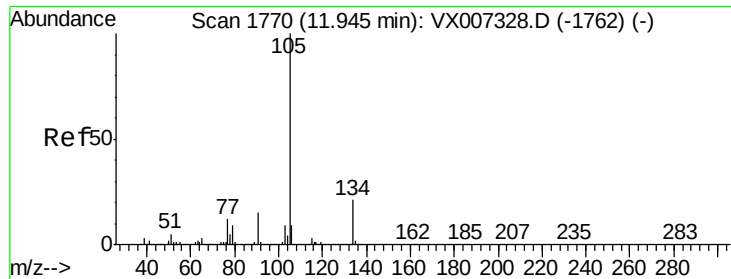
120 45.4 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

Instrument :

MSVOA_X

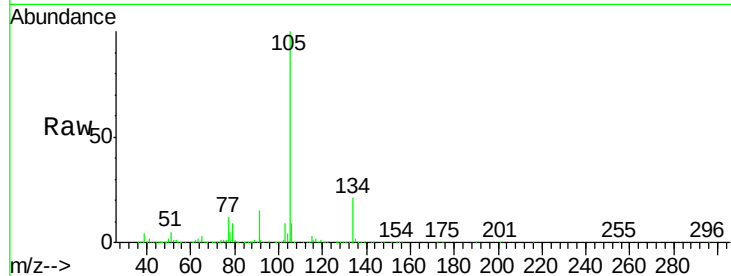
ClientSampleId :

Tot Ion:105 Resp: 439652

Ion Ratio Lower Upper

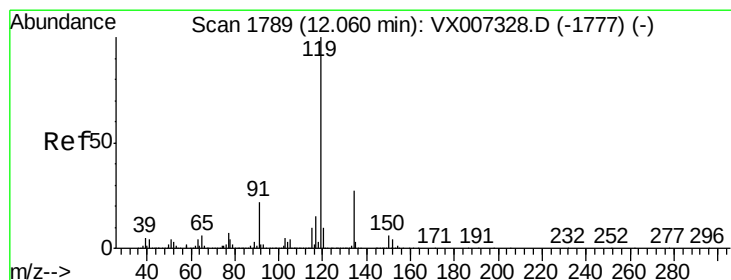
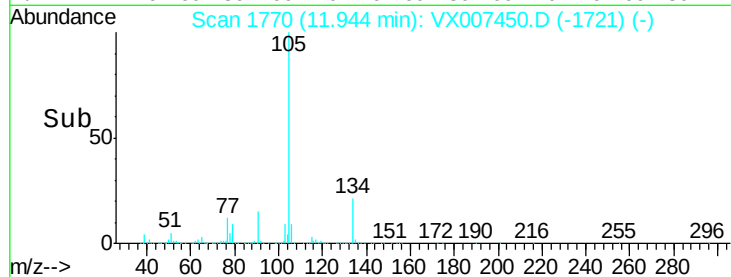
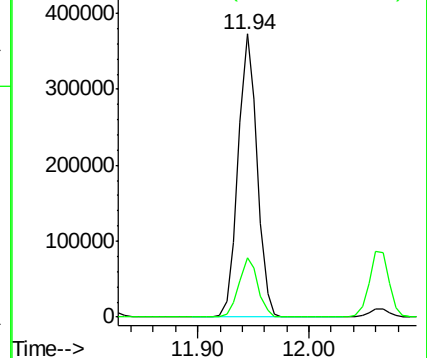
105 100

134 20.9 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.838 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007450.D

Acq: 08 Feb 2019 18:49

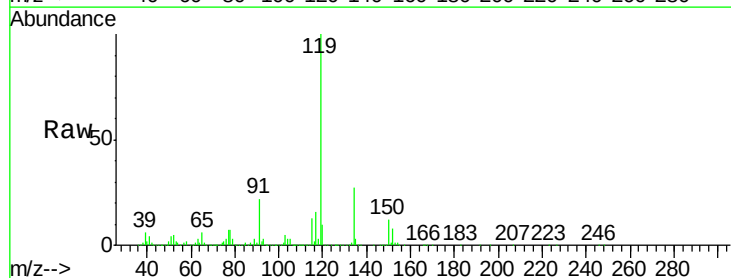
Tgt Ion:119 Resp: 381756

Ion Ratio Lower Upper

119 100

134 28.1 13.7 41.1

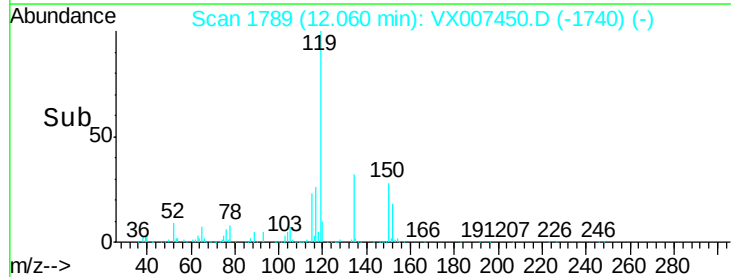
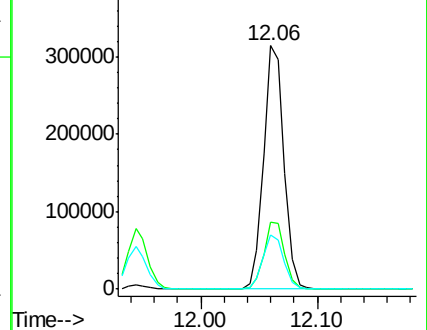
91 23.0 11.2 33.5

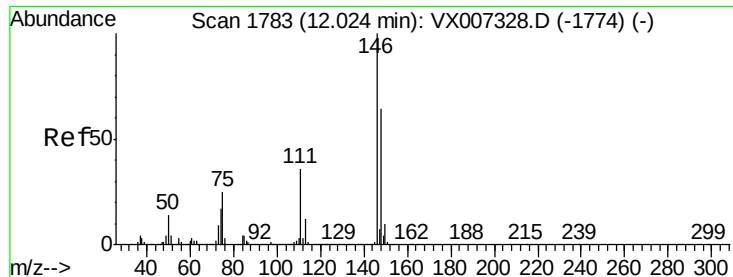


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

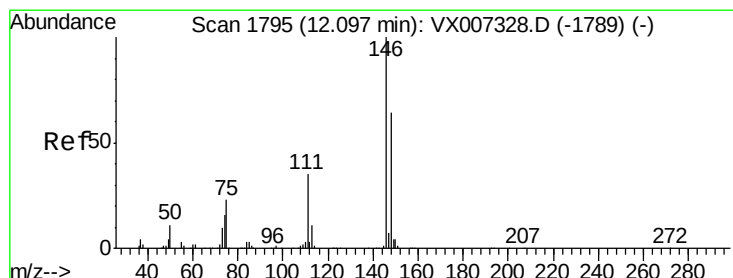
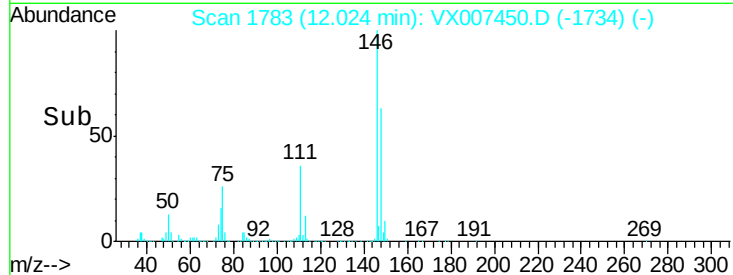
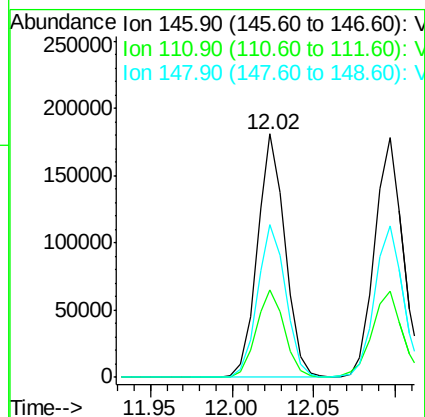
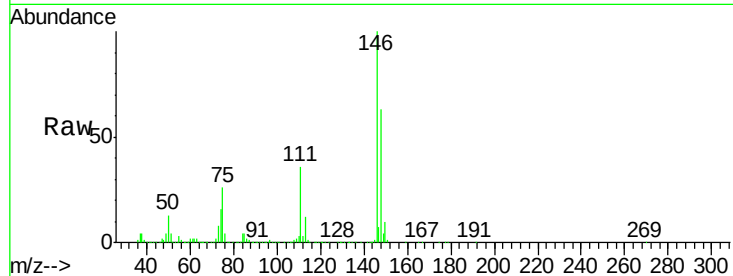




#87
 1,3-Dichlorobenzene
 Concen: 19.420 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

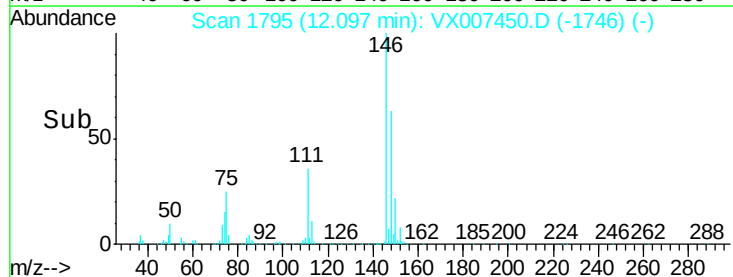
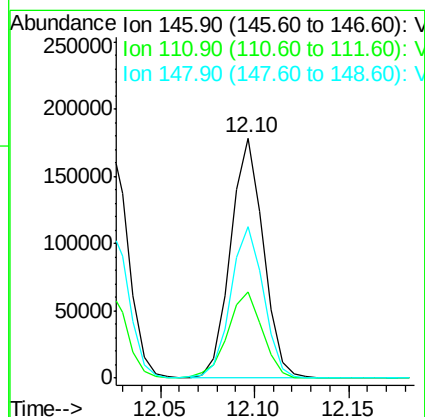
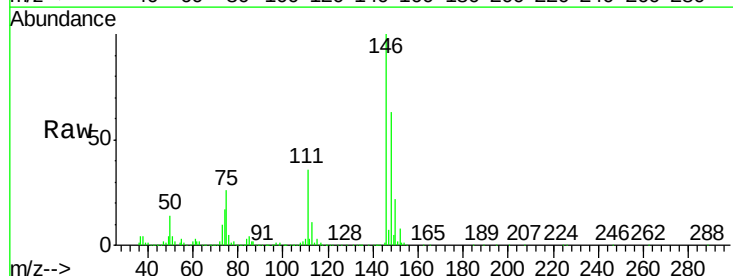
Instrument :
 MSVOA_X
 ClientSampled :

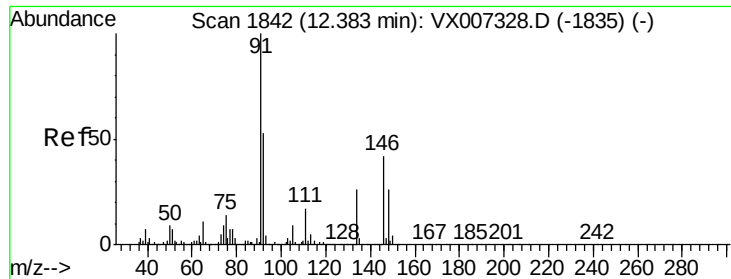
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.1	54.1
148	64.0	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.225 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.1	54.1
148	63.9	32.3	96.9

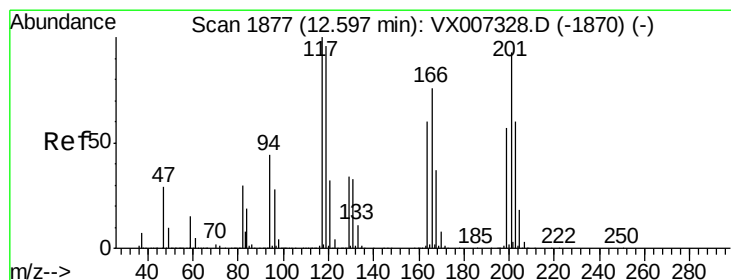
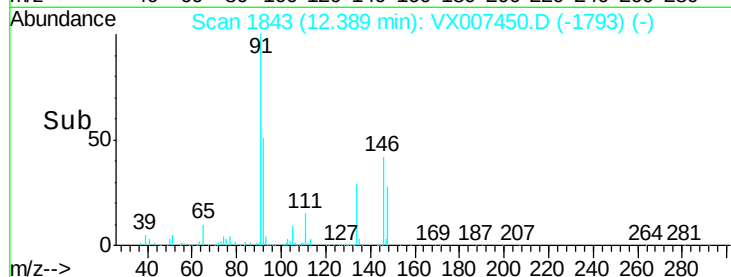
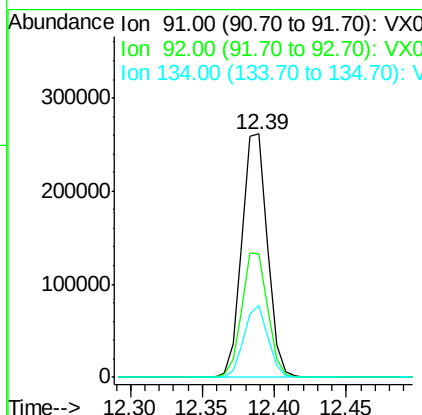
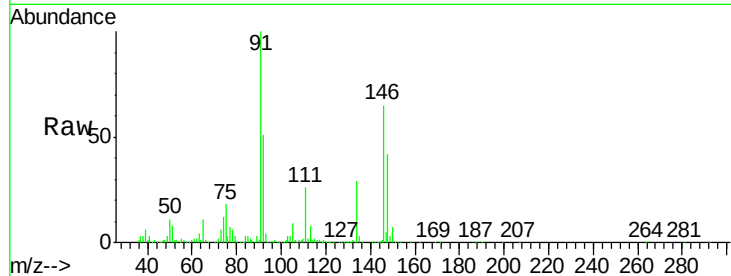




#89
n-Butylbenzene
Concen: 19.394 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

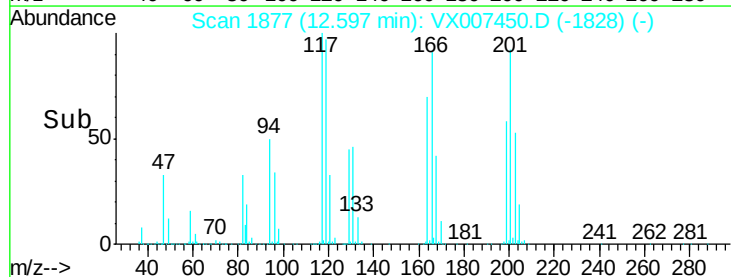
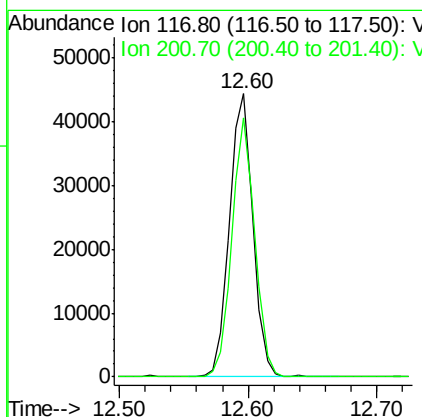
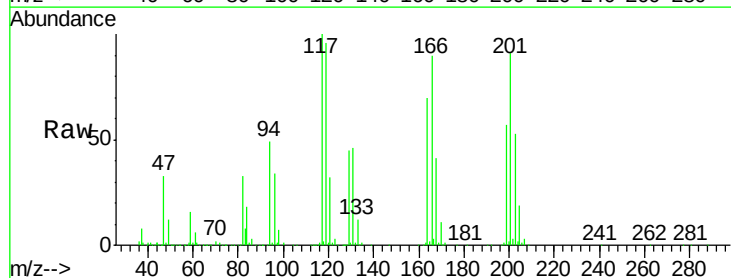
Instrument :
MSVOA_X
ClientSampleId :

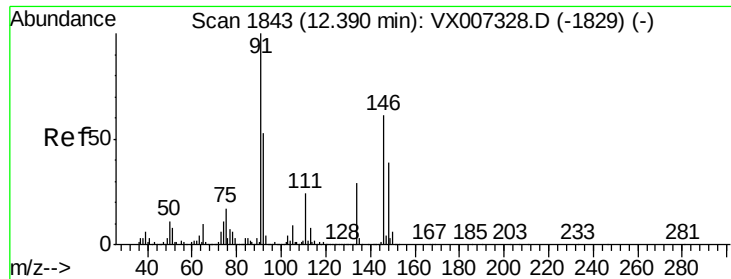
Tot Ion: 91 Resp: 321057
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 28.0 13.9 41.6



#90
Hexachloroethane
Concen: 19.825 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion: 117 Resp: 57096
Ion Ratio Lower Upper
117 100
201 88.3 44.9 134.7

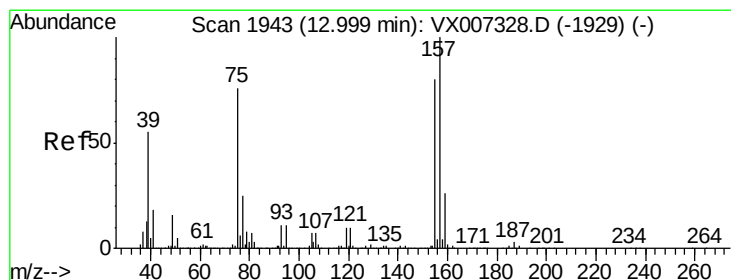
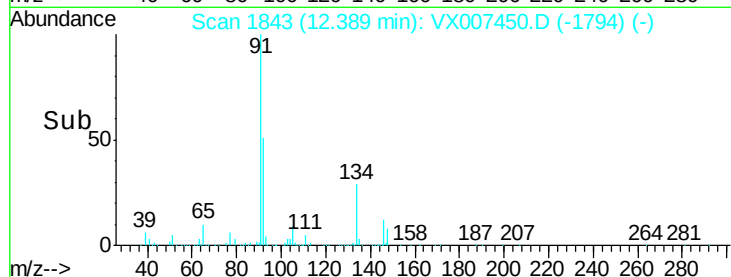
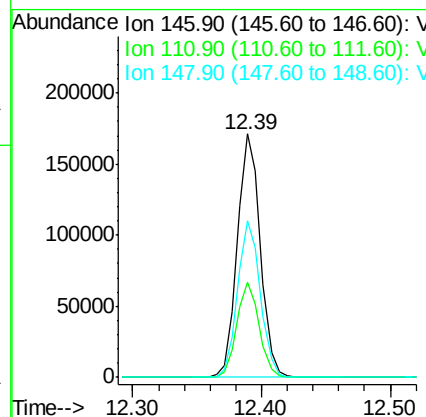
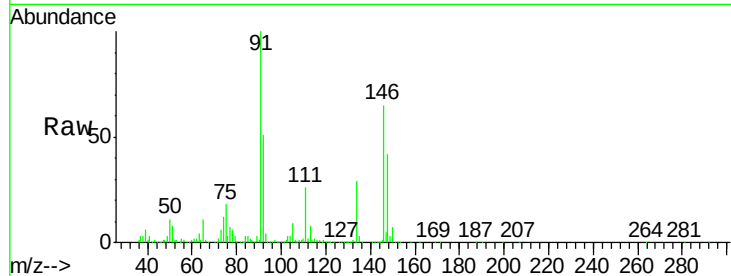




#91
 1,2-Dichlorobenzene
 Concen: 19.525 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

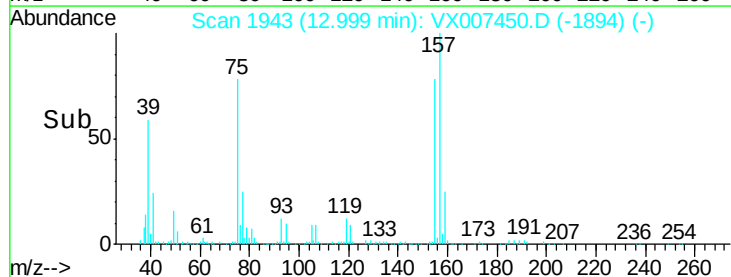
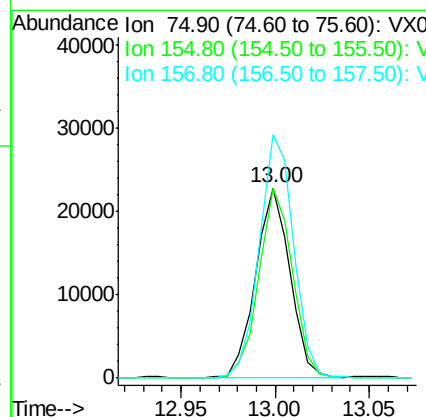
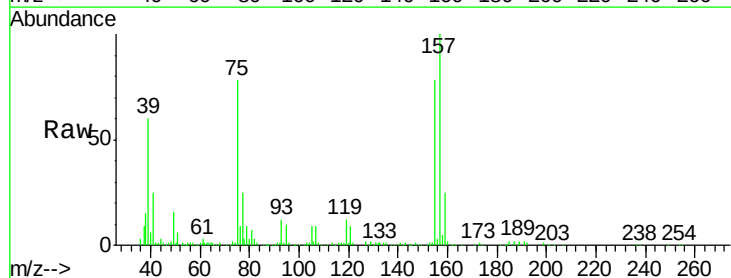
Instrument :
 MSVOA_X
 ClientSampled :

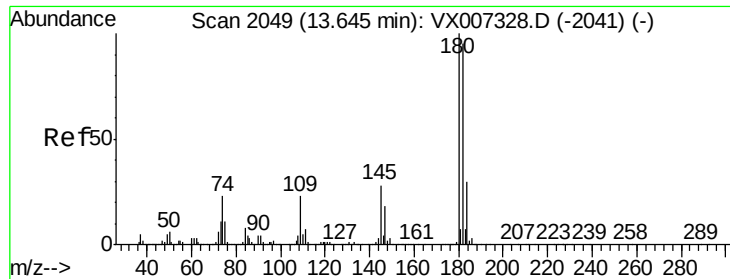
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.3
148	63.6	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.947 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.1	49.6	149.0
157	128.1	65.1	195.3

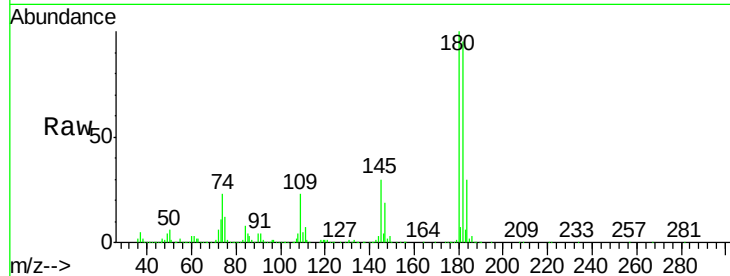




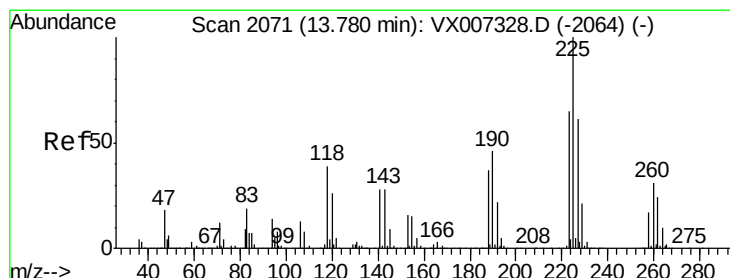
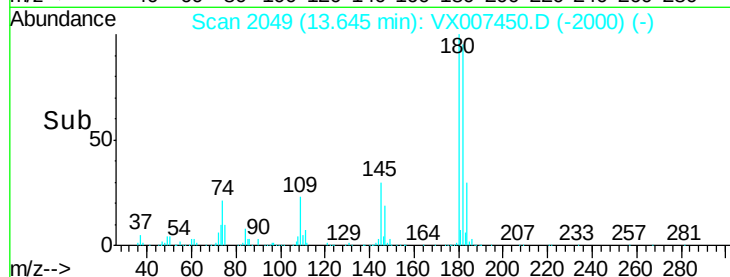
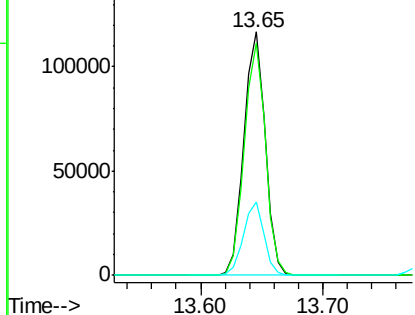
#93
 1,2,4-Trichlorobenzene
 Concen: 19.137 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	29.1	14.1	42.2

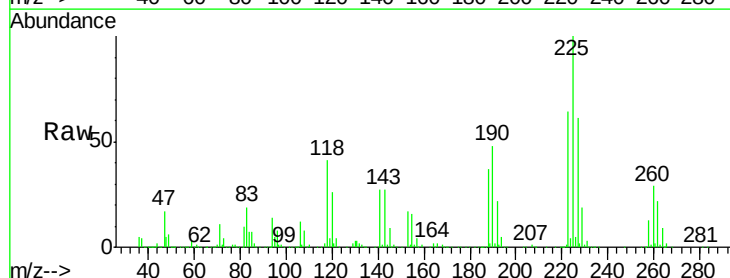


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

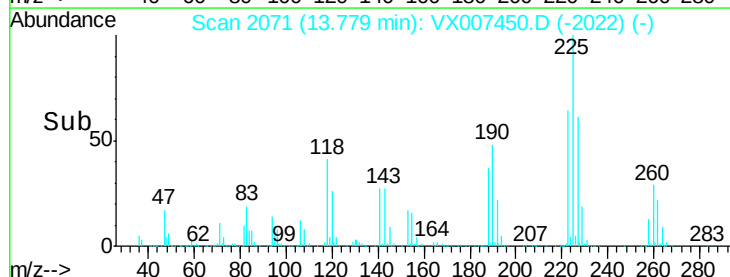
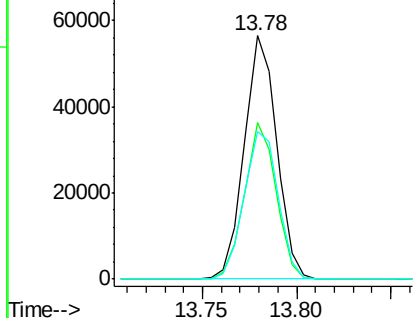


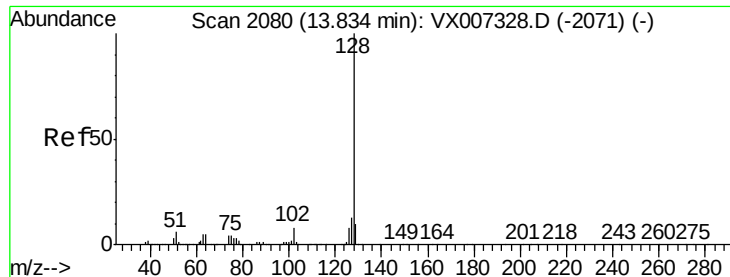
#94
 Hexachlorobutadiene
 Concen: 18.831 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007450.D
 Acq: 08 Feb 2019 18:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.6	94.8
227	63.7	32.1	96.3



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

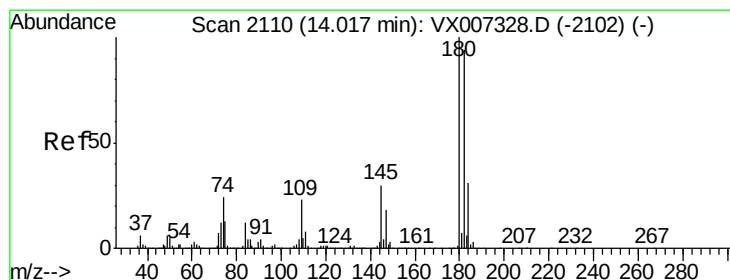
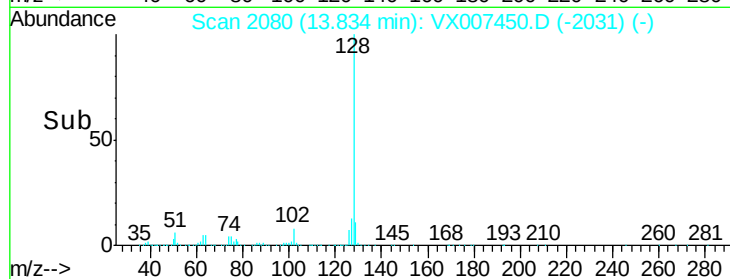
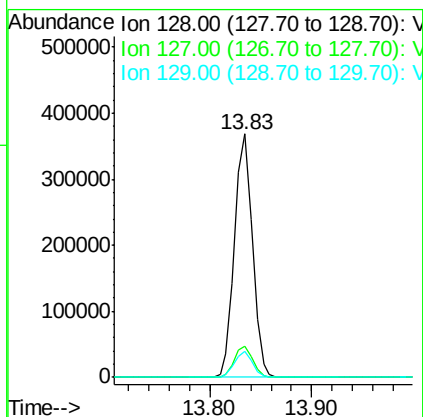
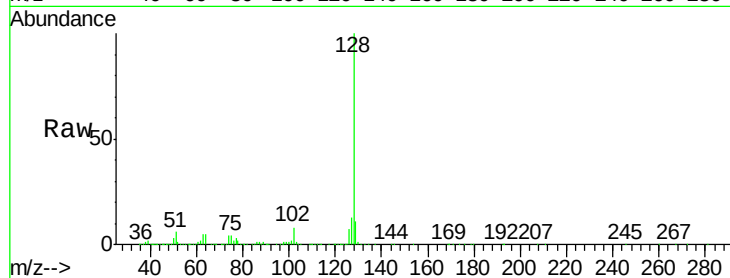




#95
Naphthalene
Concen: 20.700 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 446712
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.162 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007450.D
Acq: 08 Feb 2019 18:49

Tgt Ion:180 Resp: 142344
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.6
145 31.1 14.9 44.5

