

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031419\
 Data File : VX008065.D
 Acq On : 14 Mar 2019 11:25
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 14 14:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	314186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	450433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	215181	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	310724	102.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.14%	
35) Dibromofluoromethane	5.51	113	283595	103.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	207.88%	
50) Toluene-d8	8.71	98	1121650	106.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	213.26%	
62) 4-Bromofluorobenzene	11.13	95	398898	105.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	210.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	260305	102.887	ug/l	100
3) Chloromethane	1.33	50	281104	102.469	ug/l	99
4) Vinyl Chloride	1.42	62	280856	107.245	ug/l	100
5) Bromomethane	1.64	94	143244	107.695	ug/l	99
6) Chloroethane	1.71	64	151027	98.207	ug/l	97
7) Trichlorofluoromethane	1.93	101	326280	105.111	ug/l	97
8) Diethyl Ether	2.20	74	174489	104.336	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	258208	104.737	ug/l	97
10) Methyl Iodide	2.51	142	410503	105.323	ug/l	98
11) Tert butyl alcohol	3.09	59	308427	505.315	ug/l	100
12) 1,1-Dichloroethene	2.37	96	249971	105.444	ug/l	95
13) Acrolein	2.30	56	283538	502.590	ug/l	99
14) Allyl chloride	2.73	41	451192	103.745	ug/l	97
15) Acrylonitrile	3.16	53	753359	507.962	ug/l	100
16) Acetone	2.45	43	696076	483.772	ug/l	98
17) Carbon Disulfide	2.57	76	744228	105.224	ug/l	100
18) Methyl Acetate	2.78	43	334915	102.788	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	827885	104.193	ug/l	98
20) Methylene Chloride	2.86	84	266811	102.546	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	261708	103.377	ug/l	95
22) Diisopropyl ether	3.87	45	875918	100.626	ug/l	97
23) Vinyl Acetate	3.83	43	3852586	506.419	ug/l	97
24) 1,1-Dichloroethane	3.70	63	487246	101.839	ug/l	99
25) 2-Butanone	4.70	43	1127054	492.314	ug/l	97
26) 2,2-Dichloropropane	4.59	77	378241	105.783	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	310717	104.604	ug/l	97
28) Bromochloromethane	5.02	49	238647	103.636	ug/l	92
29) Tetrahydrofuran	5.15	42	726272	499.757	ug/l	96
30) Chloroform	5.22	83	486136	103.907	ug/l	100
31) Cyclohexane	5.57	56	475952	104.696	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	432189	105.636	ug/l	97
36) 1,1-Dichloropropene	5.80	75	384660	106.950	ug/l	99
37) Ethyl Acetate	4.86	43	413893	104.007	ug/l	98
38) Carbon Tetrachloride	5.79	117	385170	108.345	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX031419\
 Data File : VX008065.D
 Acq On : 14 Mar 2019 11:25
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 14 14:48:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 14 14:45:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	499724	106.733	ug/l	98
40) Benzene	6.15	78	1177114	106.626	ug/l	99
41) Methacrylonitrile	5.06	41	235605	103.826	ug/l	99
42) 1,2-Dichloroethane	6.20	62	374367	106.111	ug/l	99
43) Isopropyl Acetate	6.46	43	674686	105.430	ug/l	99
44) Trichloroethene	7.21	130	332120	105.624	ug/l	98
45) 1,2-Dichloropropane	7.52	63	308487	104.820	ug/l	100
46) Dibromomethane	7.66	93	200178	107.415	ug/l	98
47) Bromodichloromethane	7.90	83	392062	110.964	ug/l	99
48) Methyl methacrylate	7.77	41	365110	106.626	ug/l	97
49) 1,4-Dioxane	7.76	88	153114	2155.629	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2211453	526.833	ug/l	98
52) Toluene	8.79	92	764516	108.051	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	456983	113.545	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	497410	111.056	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	303845	106.537	ug/l	99
56) Ethyl methacrylate	9.18	69	477077	108.853	ug/l	97
57) 1,3-Dichloropropane	9.37	76	504799	107.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1323122	517.430	ug/l	98
59) 2-Hexanone	9.49	43	1714336	530.908	ug/l	98
60) Dibromochloromethane	9.59	129	335789	109.592	ug/l	100
61) 1,2-Dibromoethane	9.67	107	328456	106.367	ug/l	100
64) Tetrachloroethene	9.34	164	335229	104.815	ug/l	99
65) Chlorobenzene	10.14	112	837200	106.338	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	314373	107.969	ug/l	100
67) Ethyl Benzene	10.25	91	1423242	106.684	ug/l	100
68) m/p-Xylenes	10.36	106	1099510	213.931	ug/l	100
69) o-Xylene	10.70	106	532112	106.556	ug/l	100
70) Styrene	10.71	104	885806	107.168	ug/l	100
71) Bromoform	10.86	173	273454	111.315	ug/l #	100
73) Isopropylbenzene	11.02	105	1428130	103.939	ug/l	100
74) N-amyl acetate	10.90	43	623699	108.500	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	449451	104.927	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	548911	151.632	ug/l	88
77) Bromobenzene	11.26	156	381989	103.974	ug/l	99
78) n-propylbenzene	11.36	91	1600046	104.163	ug/l	100
79) 2-Chlorotoluene	11.42	91	938041	103.423	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1186889	104.031	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	152668	111.935	ug/l	94
82) 4-Chlorotoluene	11.51	91	1099651	106.339	ug/l	100
83) tert-Butylbenzene	11.77	119	1184771	105.952	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1219464	103.957	ug/l	99
85) sec-Butylbenzene	11.94	105	1429804	104.580	ug/l	100
86) p-Isopropyltoluene	12.06	119	1298010	104.692	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	684208	105.185	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	693368	106.925	ug/l	100
89) n-Butylbenzene	12.38	91	1113689	107.685	ug/l	99
90) Hexachloroethane	12.60	117	217124	108.998	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	682339	107.064	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101894	107.723	ug/l	94

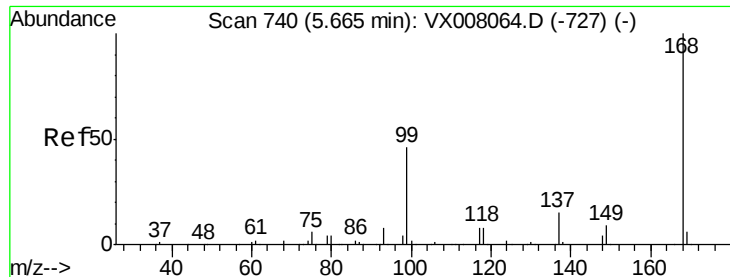
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031419\
Data File : VX008065.D
Acq On : 14 Mar 2019 11:25
Operator : JC/SP
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Quant Time: Mar 14 14:48:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 14 14:45:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	503029	109.766	ug/l	100
94) Hexachlorobutadiene	13.78	225	262082	104.919	ug/l	100
95) Naphthalene	13.83	128	1476652	108.897	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	497692	108.929	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

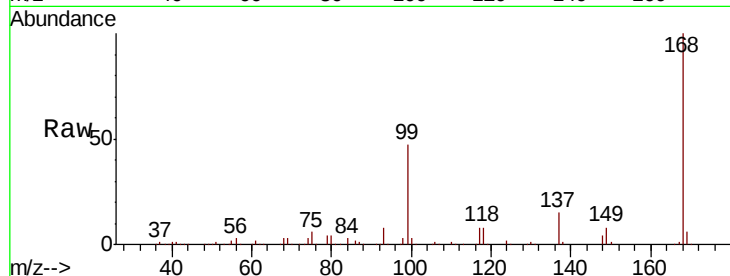
VSTDIC100

Tgt Ion:168 Resp: 314186

Ion Ratio Lower Upper

168 100

99 47.0 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

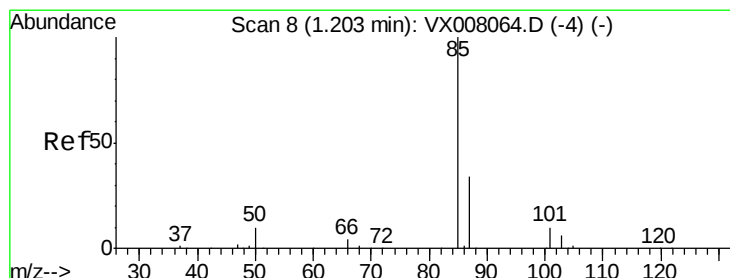
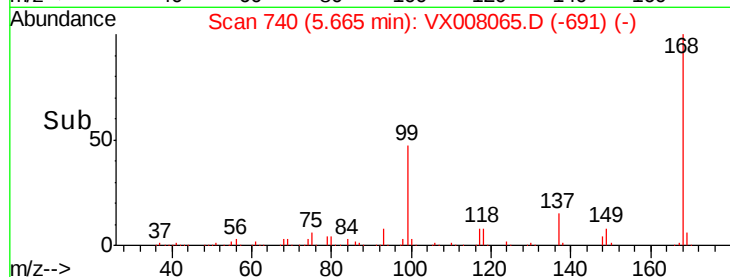
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 102.887 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008065.D

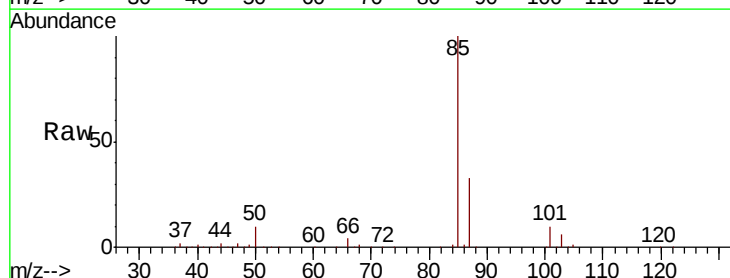
Acq: 14 Mar 2019 11:25

Tgt Ion: 85 Resp: 260305

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

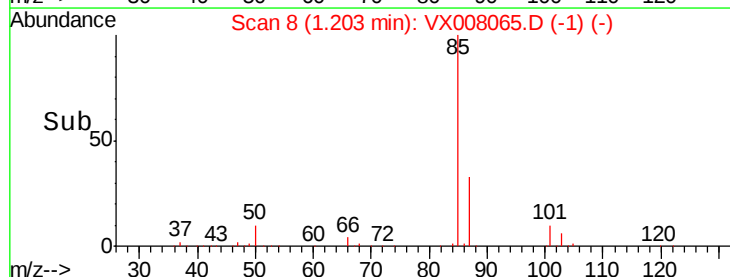
150000

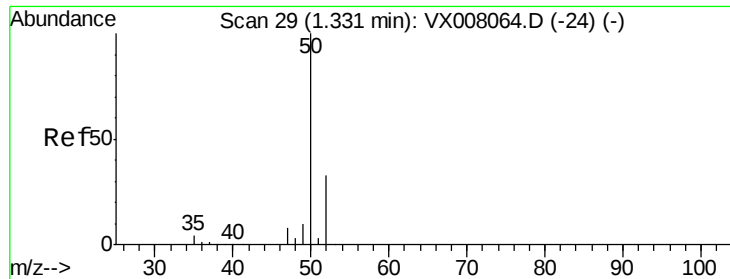
100000

50000

0

Time--> 1.20 1.30





#3

Chloromethane

Concen: 102.469 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

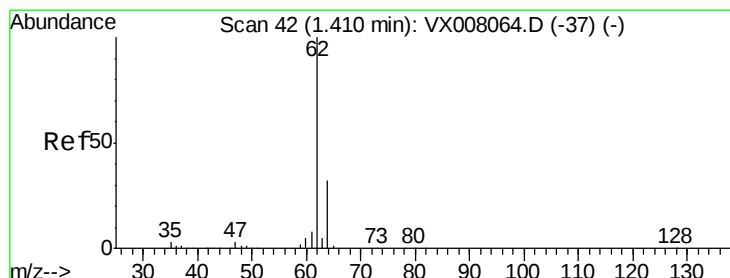
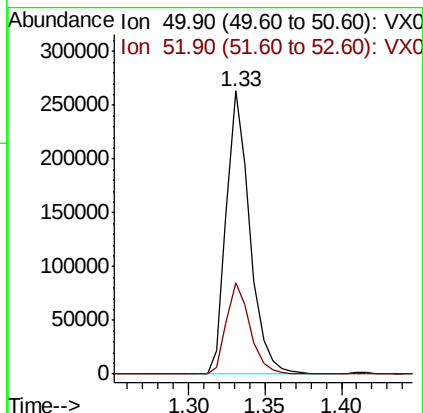
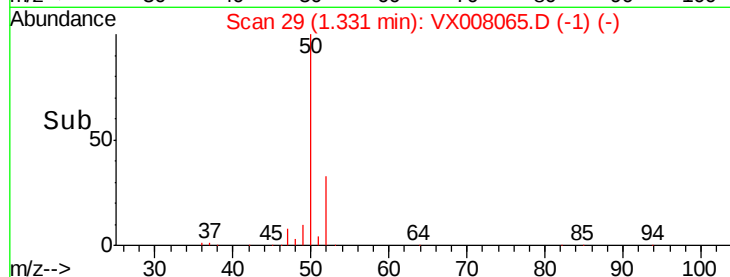
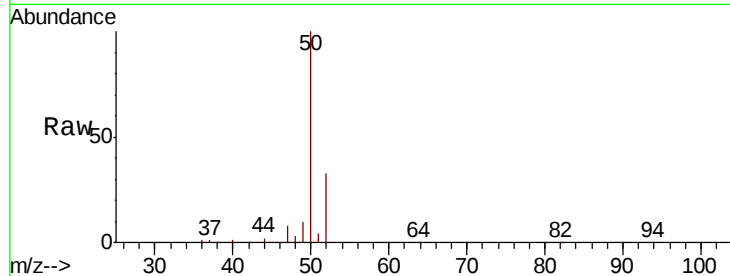
VSTDIC100

Tgt Ion: 50 Resp: 281104

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 107.245 ug/l

RT: 1.42 min Scan# 43

Delta R.T. 0.01 min

Lab File: VX008065.D

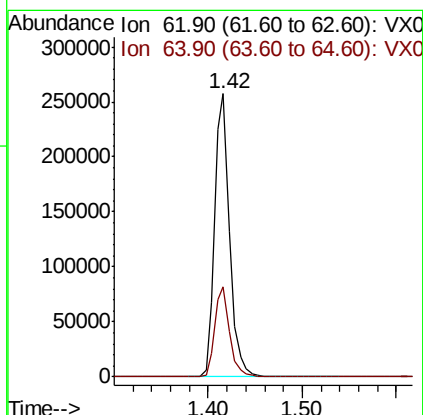
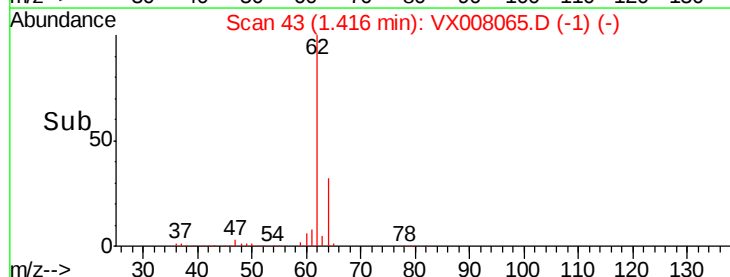
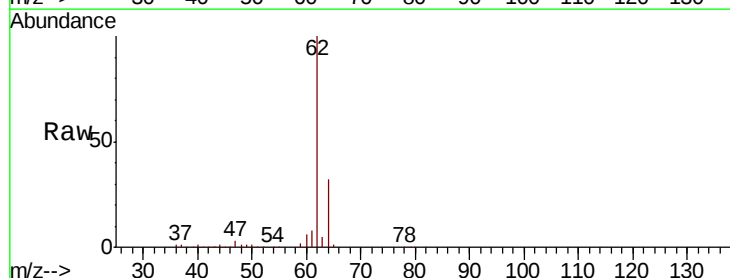
Acq: 14 Mar 2019 11:25

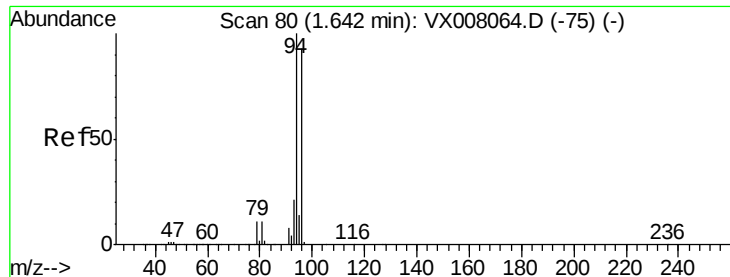
Tgt Ion: 62 Resp: 280856

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 107.695 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

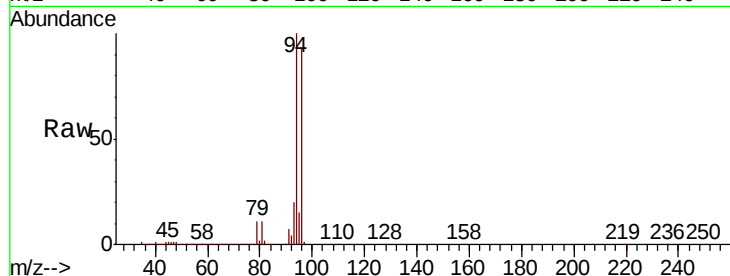
VSTDICC100

Tgt Ion: 94 Resp: 143244

Ion Ratio Lower Upper

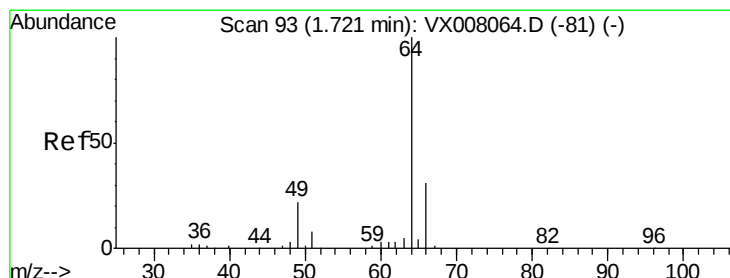
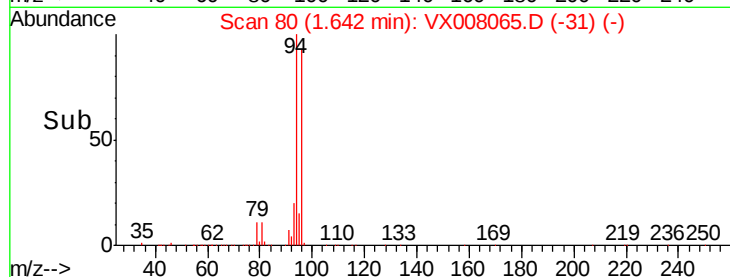
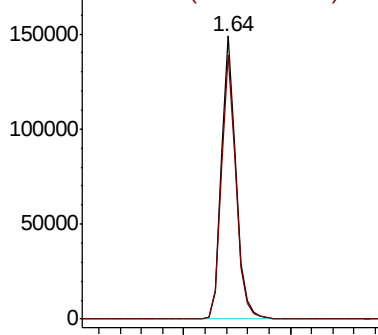
94 100

96 93.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 98.207 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX008065.D

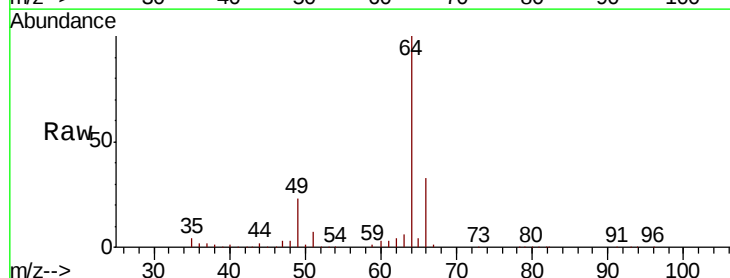
Acq: 14 Mar 2019 11:25

Tgt Ion: 64 Resp: 151027

Ion Ratio Lower Upper

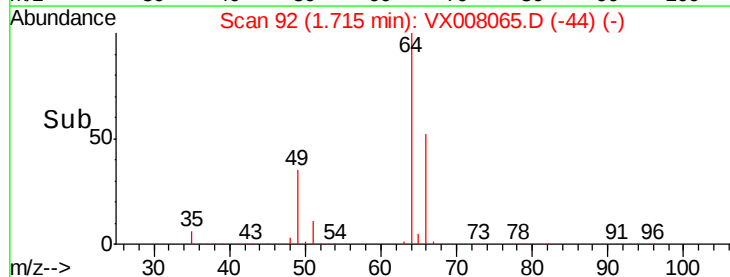
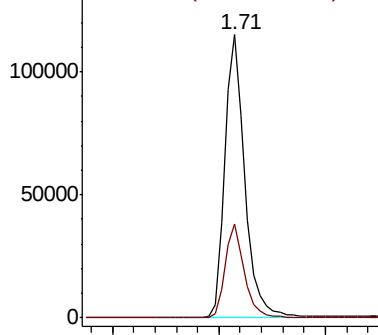
64 100

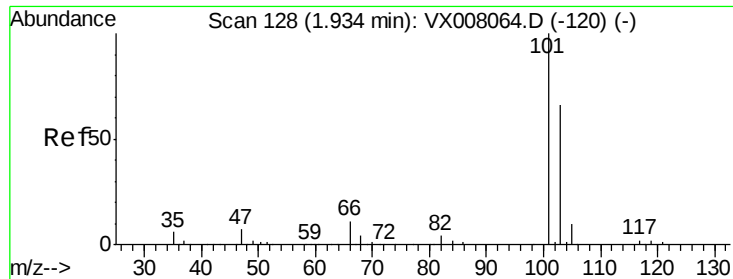
66 32.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



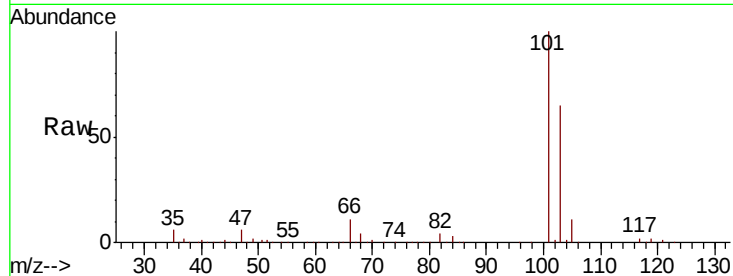


#7

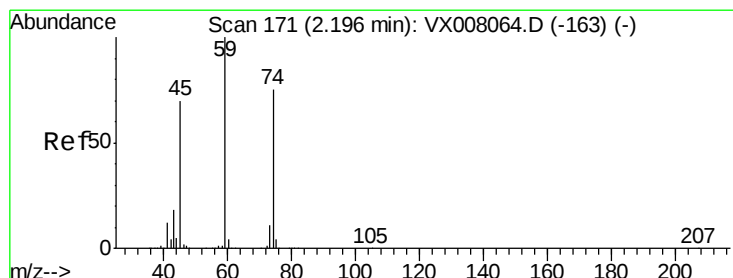
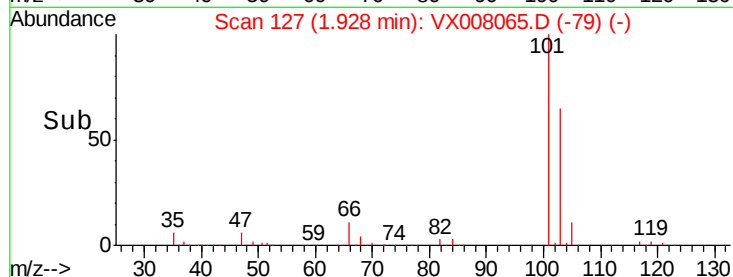
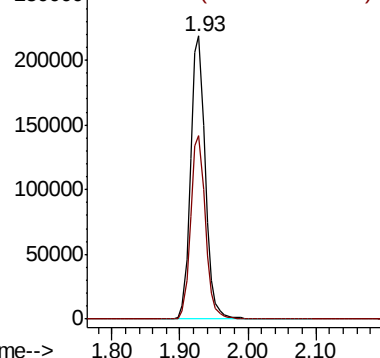
Trichlorofluoromethane
Concen: 105.111 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 101 Resp: 326280
Ion Ratio Lower Upper
101 100
103 65.0 50.4 75.6



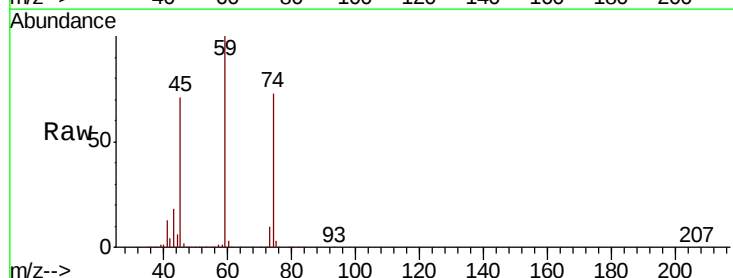
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



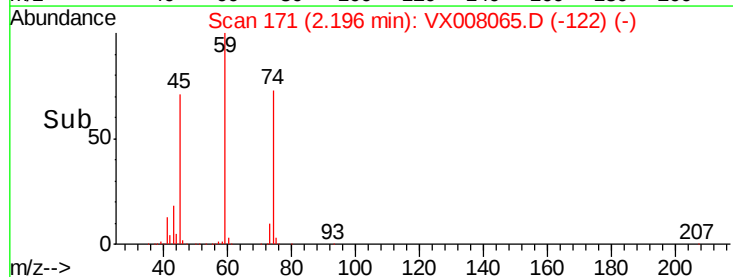
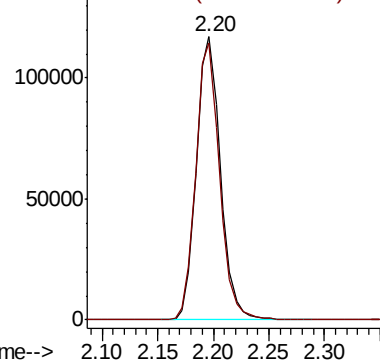
#8

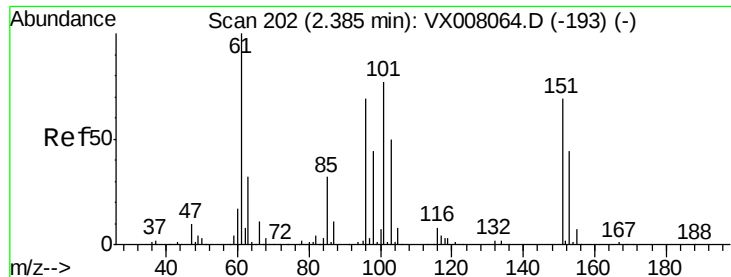
Diethyl Ether
Concen: 104.336 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 74 Resp: 174489
Ion Ratio Lower Upper
74 100
45 97.1 52.1 156.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 104.737 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

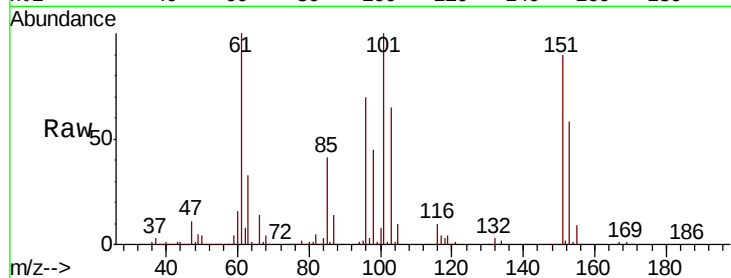
Tgt Ion:101 Resp: 258208

Ion Ratio Lower Upper

101 100

85 40.5 33.8 50.6

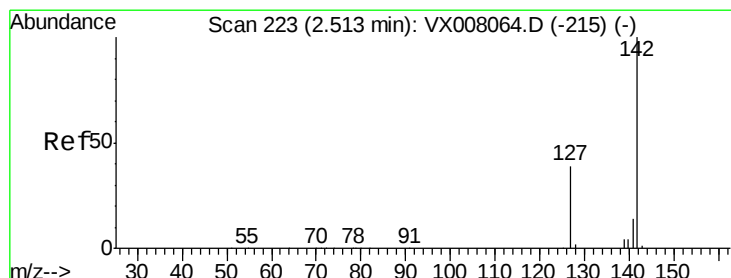
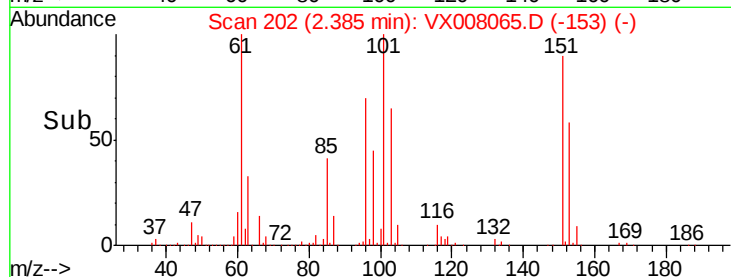
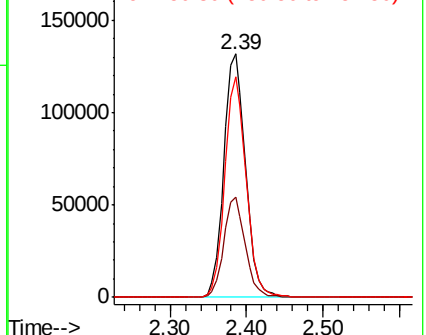
151 88.9 69.1 103.7



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: 105.323 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

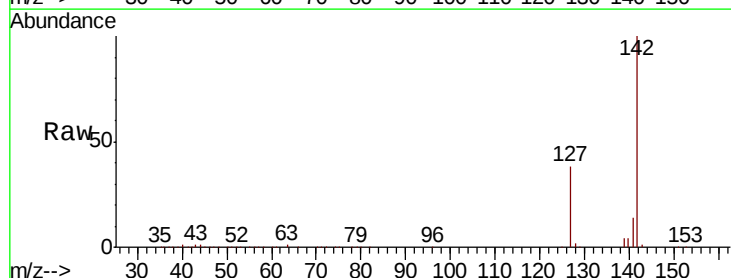
Tgt Ion:142 Resp: 410503

Ion Ratio Lower Upper

142 100

127 38.0 32.1 48.1

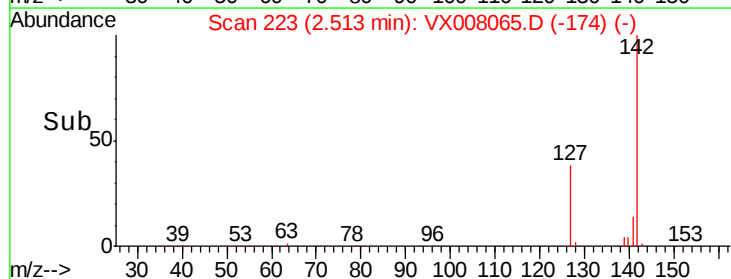
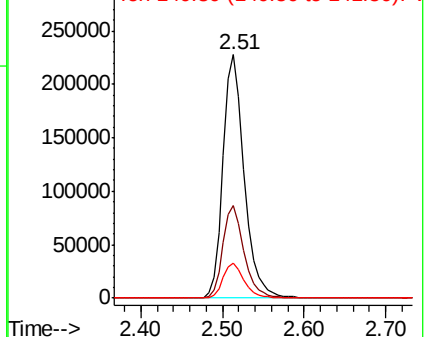
141 14.3 11.4 17.2

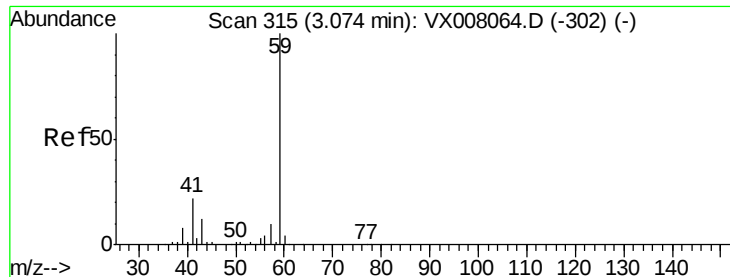


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



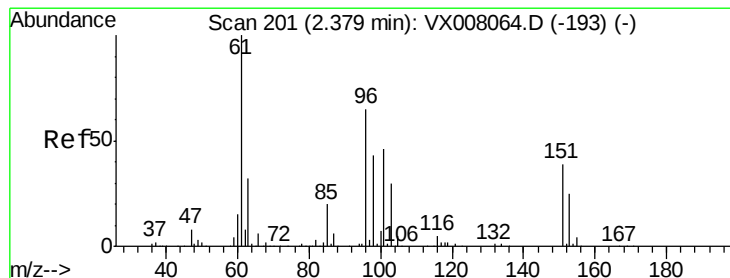
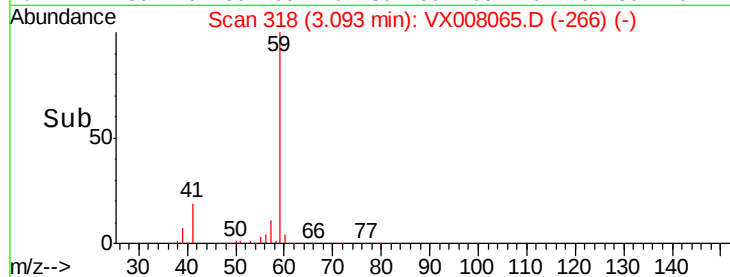
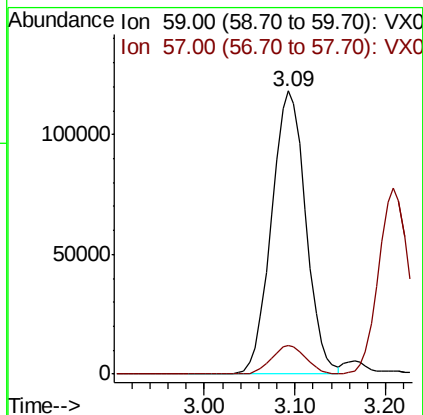
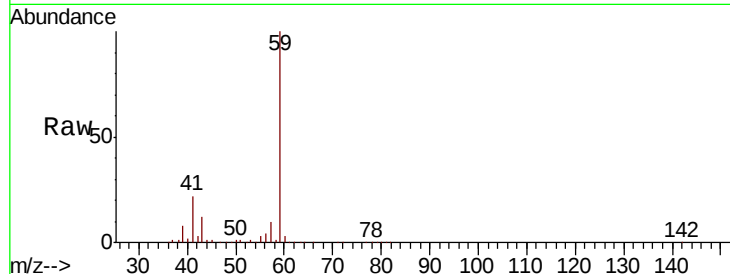


#11

Tert butyl alcohol
Concen: 505.315 ug/l
RT: 3.09 min Scan# 318
Delta R.T. 0.02 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

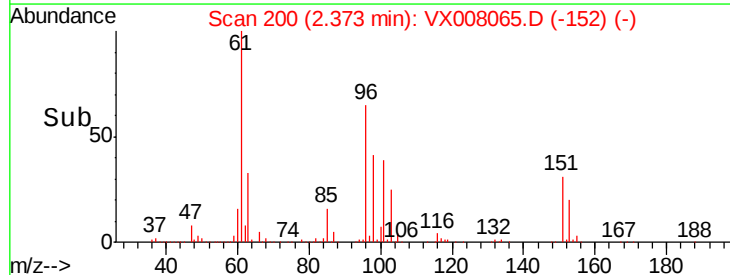
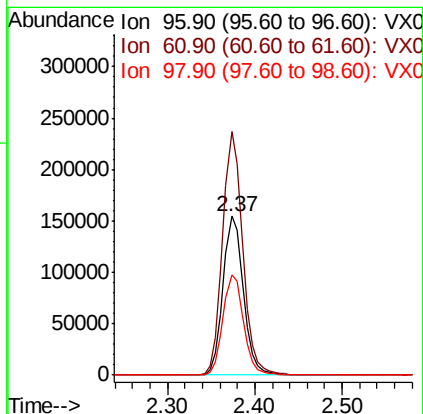
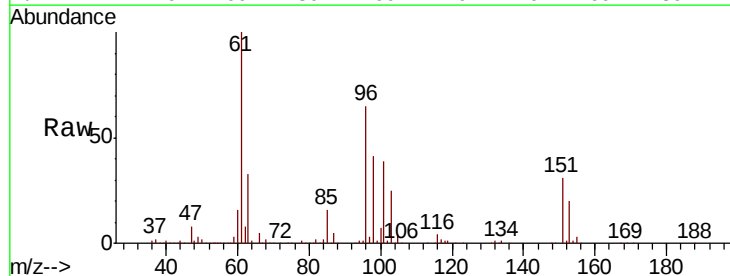
Tgt Ion: 59 Resp: 308427
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

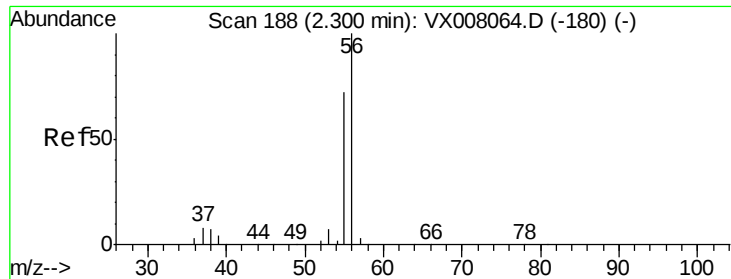


#12

1,1-Dichloroethene
Concen: 105.444 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 96 Resp: 249971
Ion Ratio Lower Upper
96 100
61 153.4 129.8 194.6
98 63.2 51.0 76.6

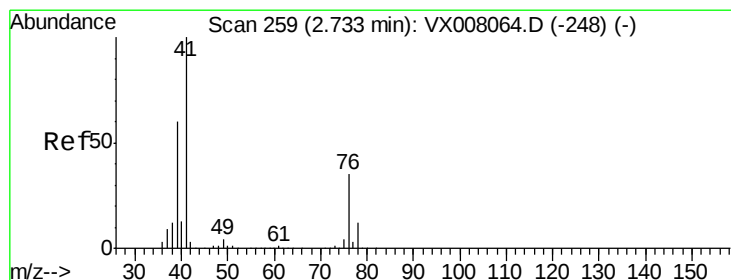
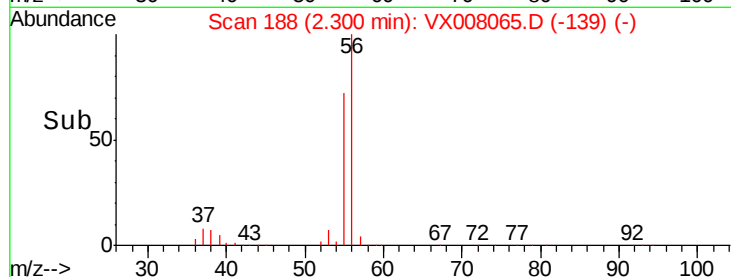
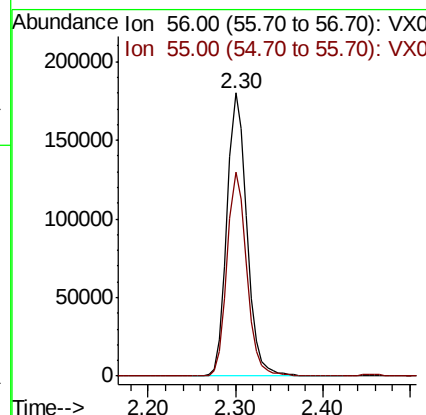
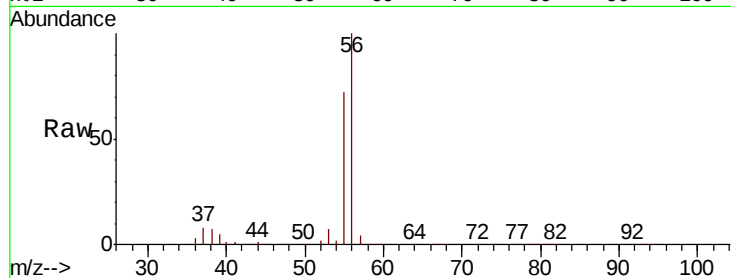




#13
Acrolein
Concen: 502.590 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

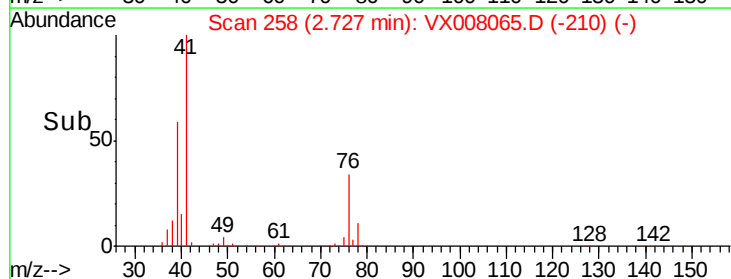
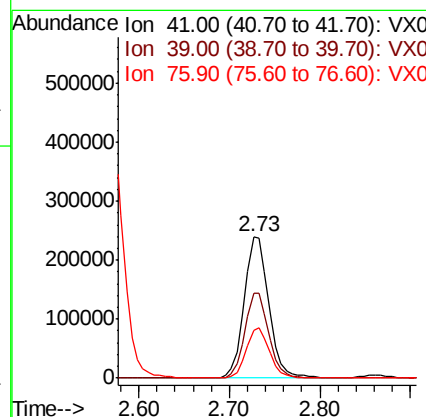
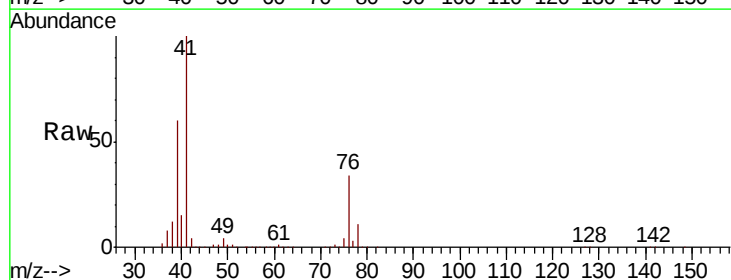
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

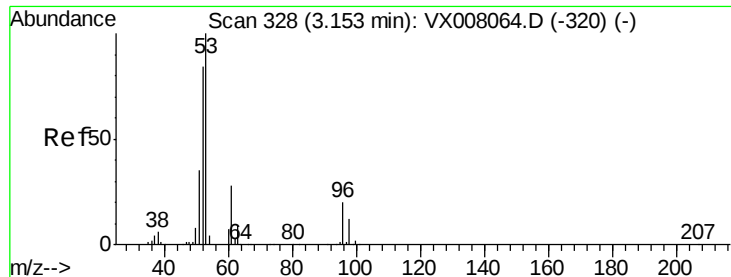
Tgt Ion: 56 Resp: 283538
Ion Ratio Lower Upper
56 100
55 71.7 57.8 86.6



#14
Allyl chloride
Concen: 103.745 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 41 Resp: 451192
Ion Ratio Lower Upper
41 100
39 58.3 46.1 69.1
76 33.5 24.0 36.0





#15

Acrylonitrile

Concen: 507.962 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

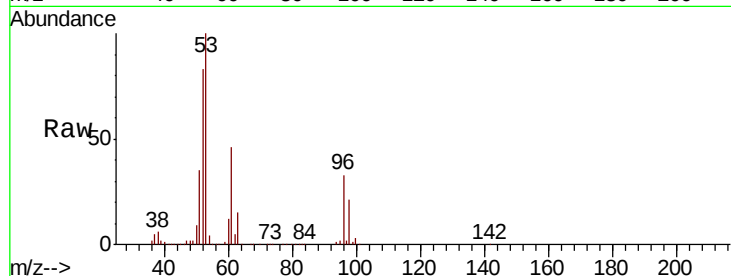
Tgt Ion: 53 Resp: 753359

Ion Ratio Lower Upper

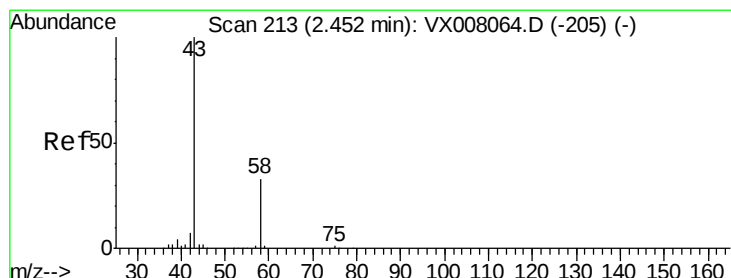
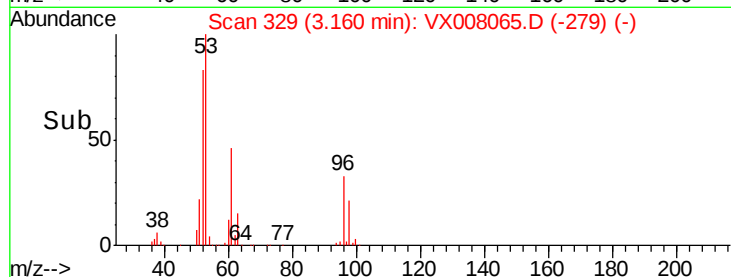
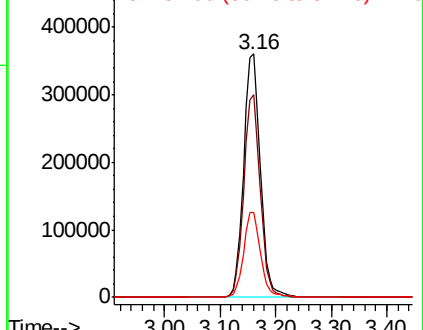
53 100

52 82.1 66.0 99.0

51 35.2 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 483.772 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX008065.D

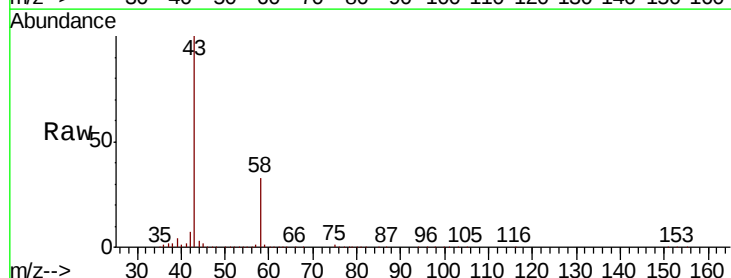
Acq: 14 Mar 2019 11:25

Tgt Ion: 43 Resp: 696076

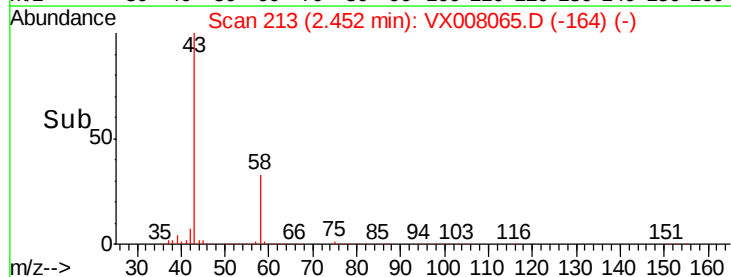
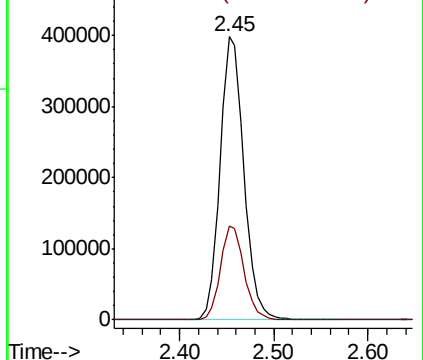
Ion Ratio Lower Upper

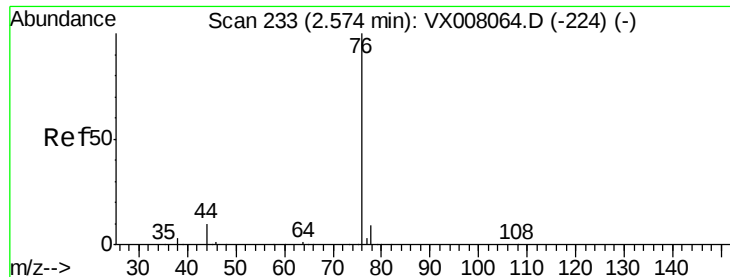
43 100

58 33.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

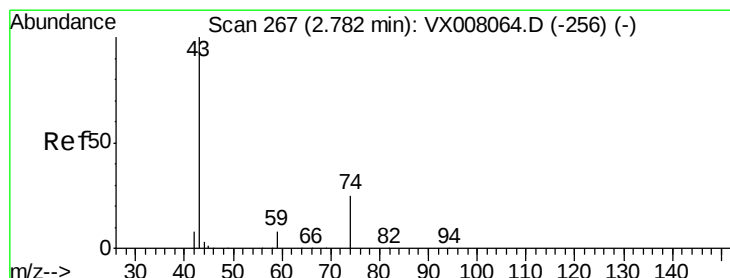
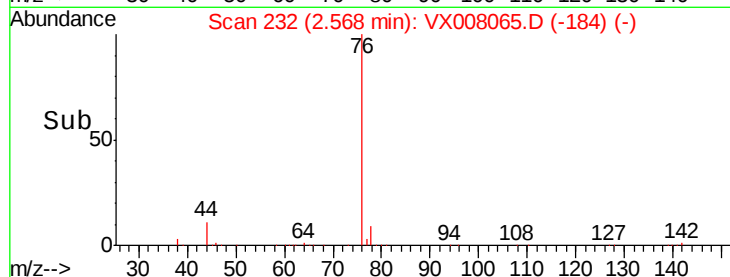
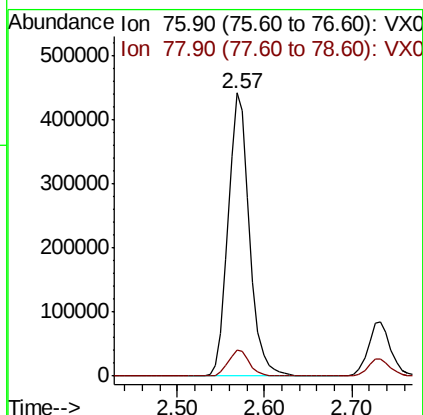
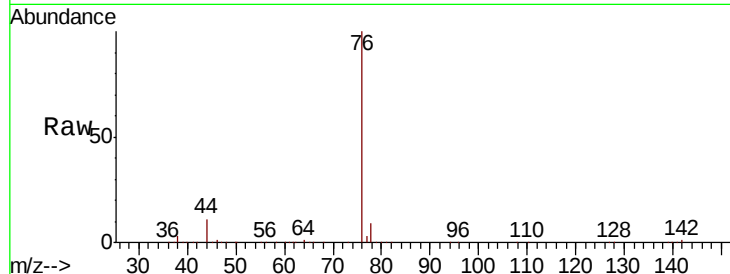




#17
Carbon Disulfide
Concen: 105.224 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

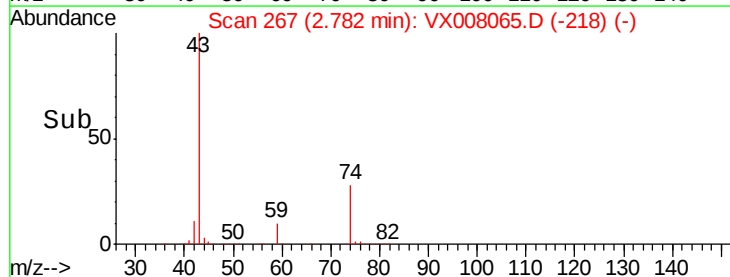
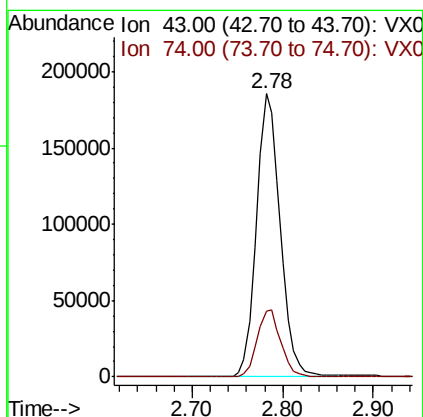
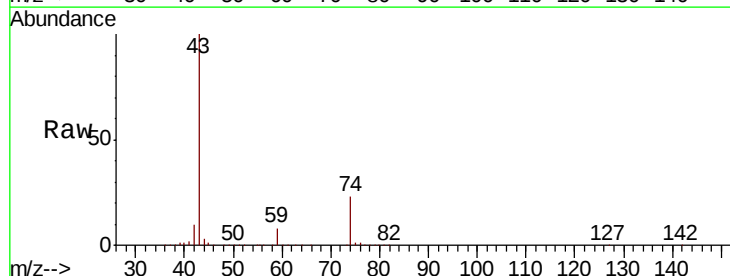
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

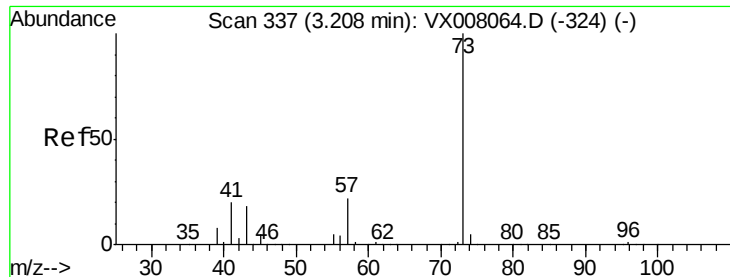
Tgt Ion: 76 Resp: 744228
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 102.788 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 43 Resp: 334915
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.6

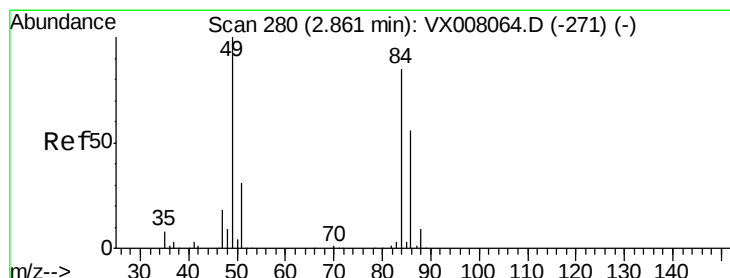
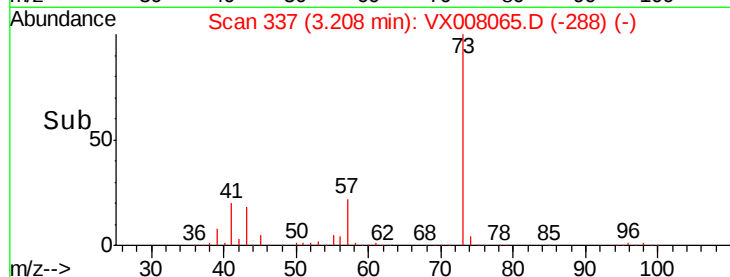
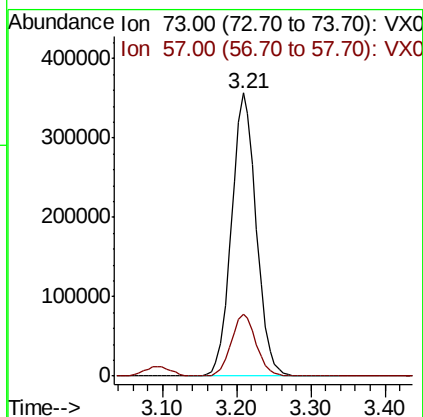
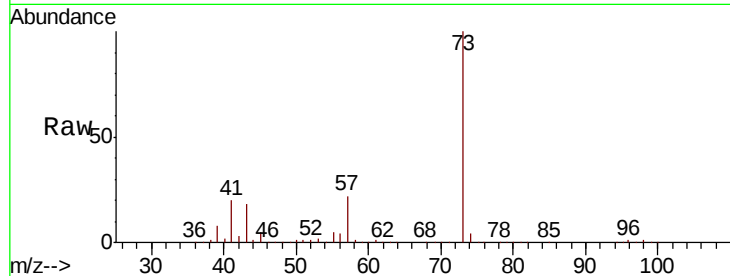




#19
Methyl tert-butyl Ether
Concen: 104.193 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

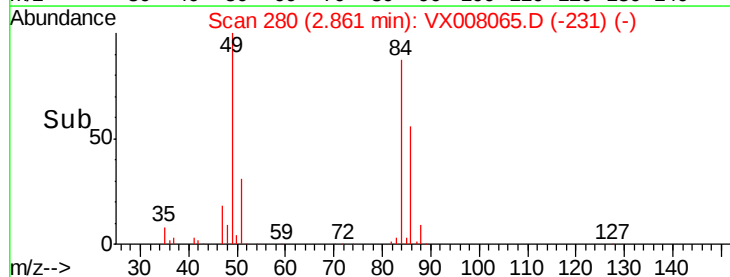
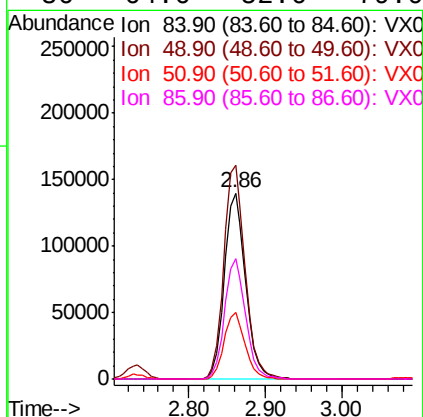
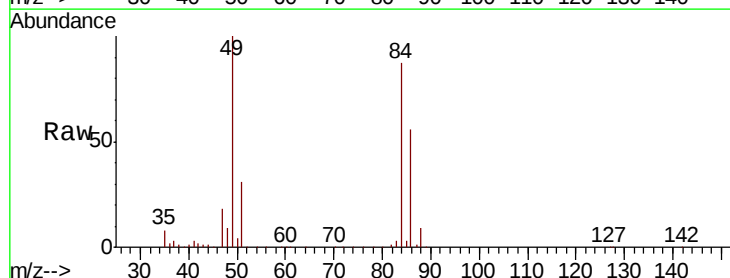
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

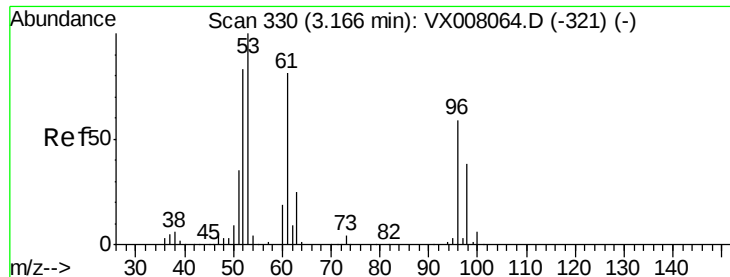
Tgt Ion: 73 Resp: 827885
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4



#20
Methylene Chloride
Concen: 102.546 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 84 Resp: 266811
Ion Ratio Lower Upper
84 100
49 114.9 99.3 148.9
51 35.6 31.3 46.9
86 64.6 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 103.377 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

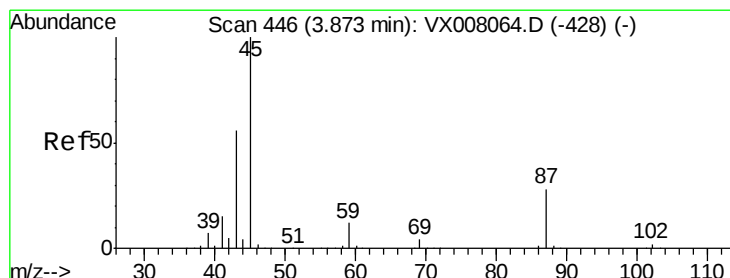
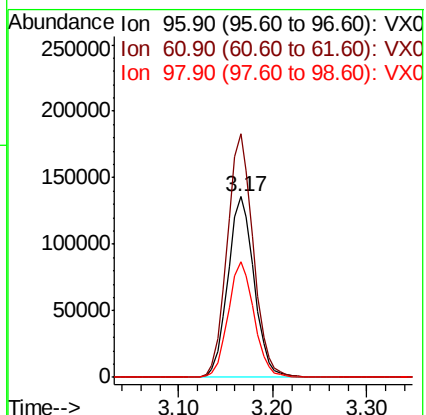
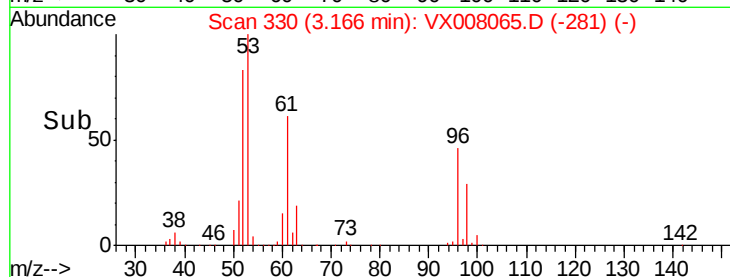
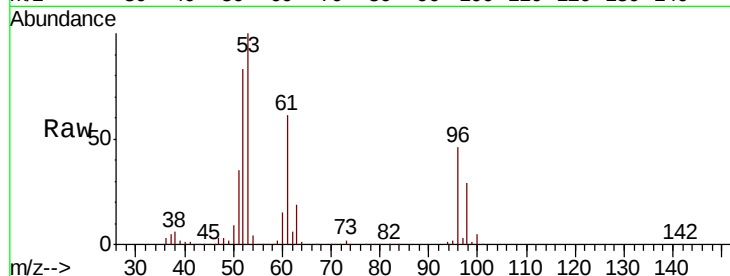
Tgt Ion: 96 Resp: 261708

Ion Ratio Lower Upper

96 100

61 134.8 114.4 171.6

98 64.2 51.1 76.7



#22

Diisopropyl ether

Concen: 100.626 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Tgt Ion: 45 Resp: 875918

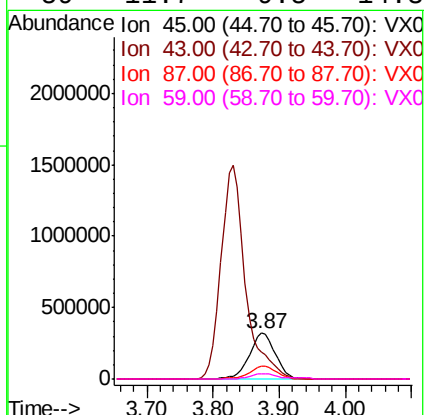
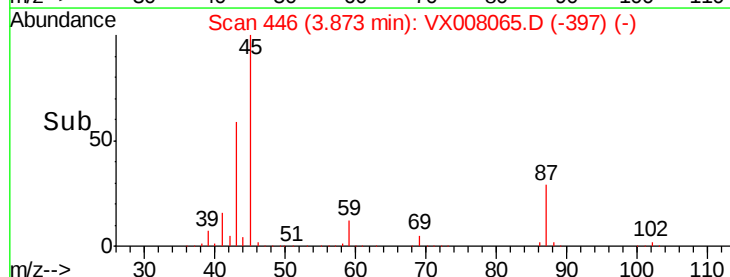
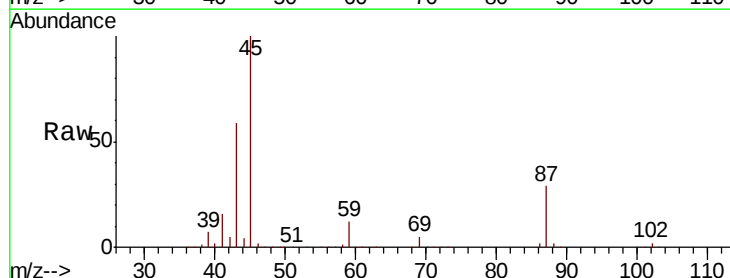
Ion Ratio Lower Upper

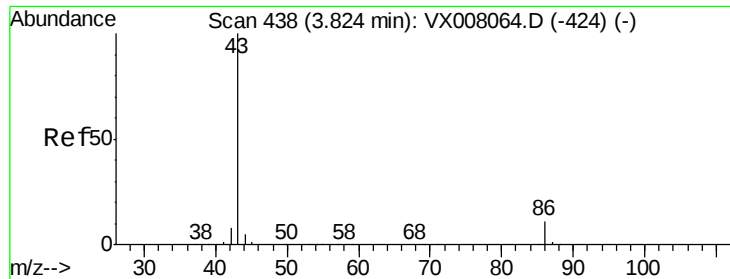
45 100

43 59.4 45.3 67.9

87 28.7 21.4 32.0

59 11.7 9.5 14.3





#23

Vinyl Acetate

Concen: 506.419 ug/l

RT: 3.83 min Scan# 439

Delta R.T. 0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

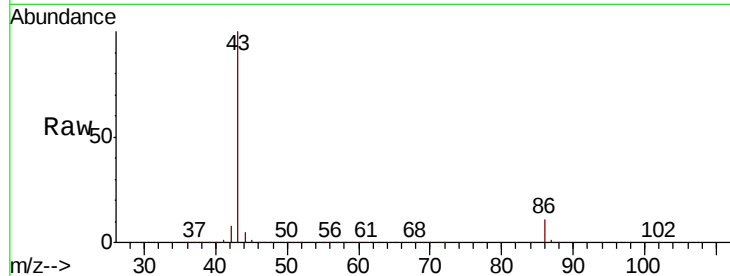
VSTDIC100

Tgt Ion: 43 Resp: 3852586

Ion Ratio Lower Upper

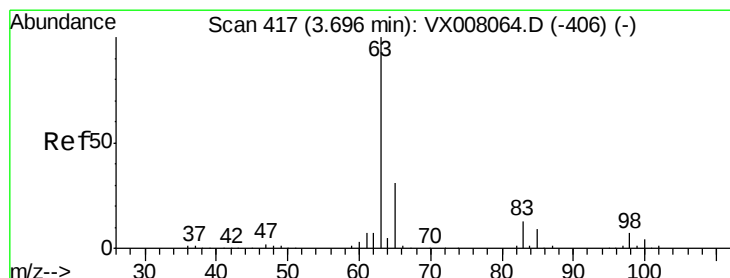
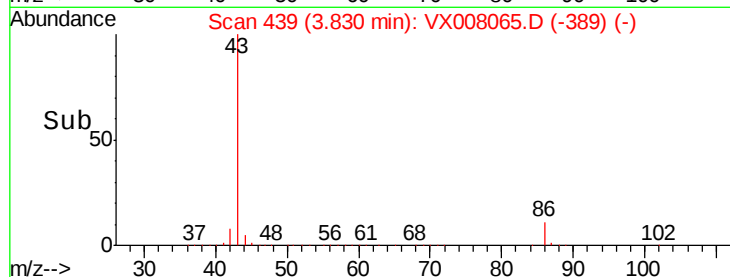
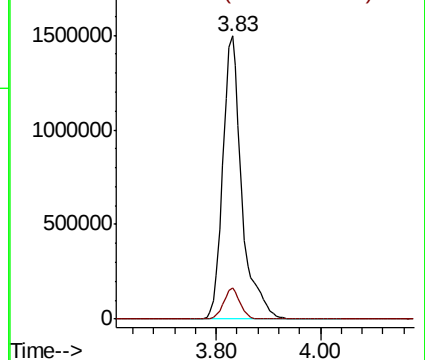
43 100

86 10.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 101.839 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

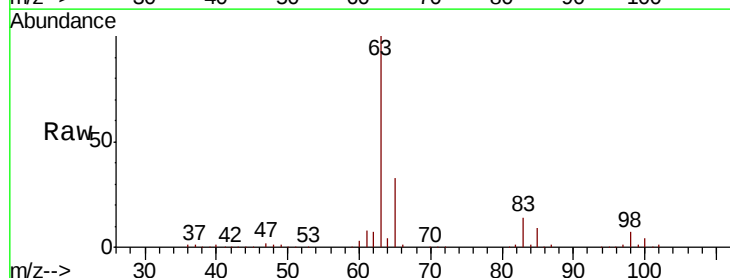
Tgt Ion: 63 Resp: 487246

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

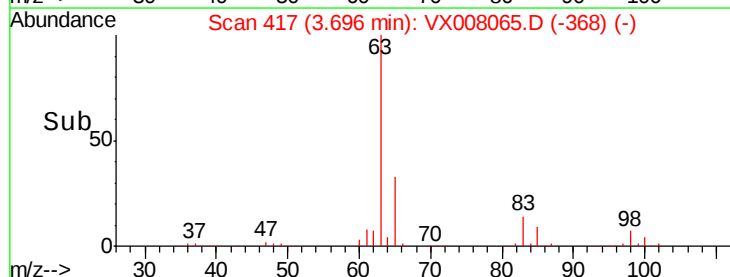
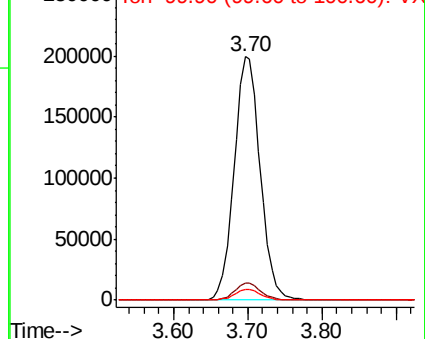
100 4.5 2.3 6.8

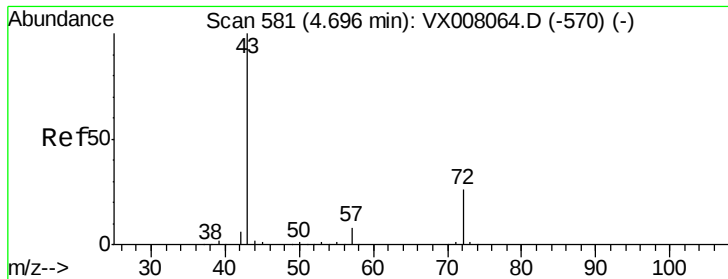


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 492.314 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

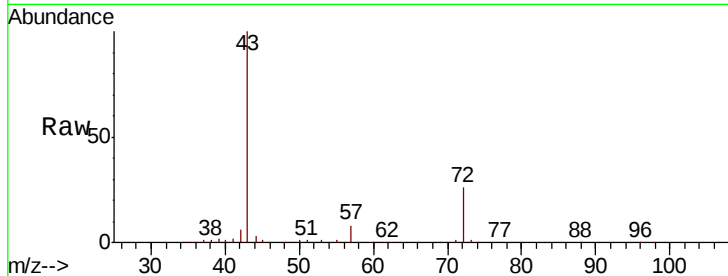
VSTDIC100

Tgt Ion: 43 Resp: 1127054

Ion Ratio Lower Upper

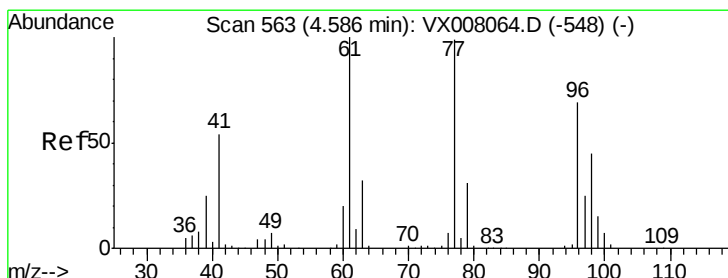
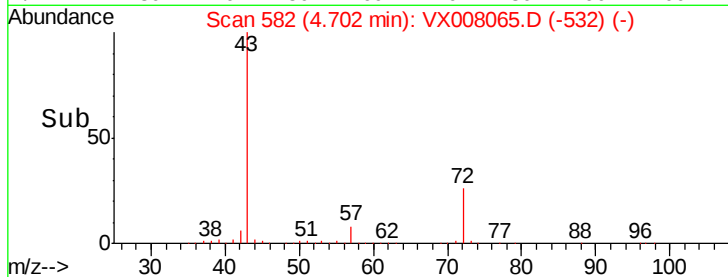
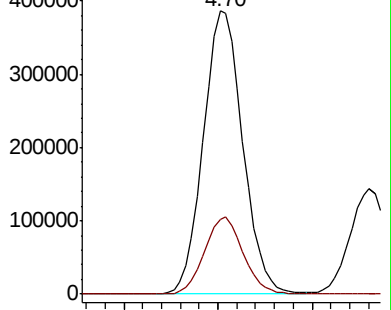
43 100

72 26.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 105.783 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008065.D

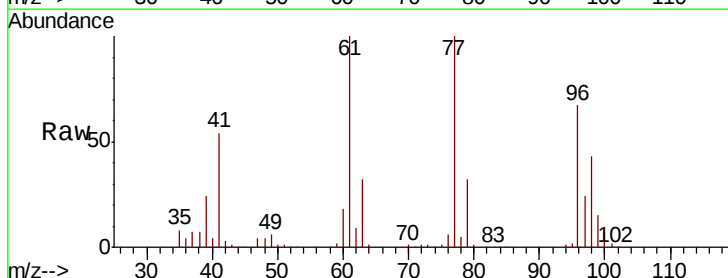
Acq: 14 Mar 2019 11:25

Tgt Ion: 77 Resp: 378241

Ion Ratio Lower Upper

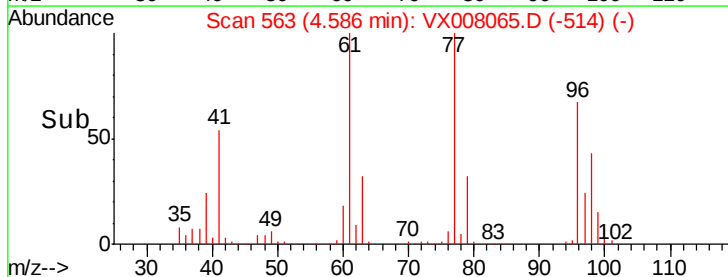
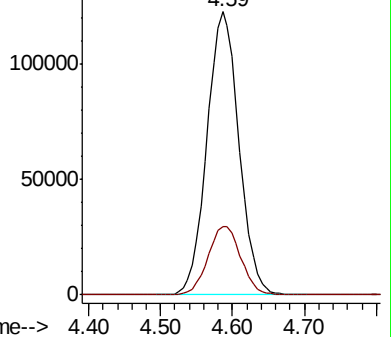
77 100

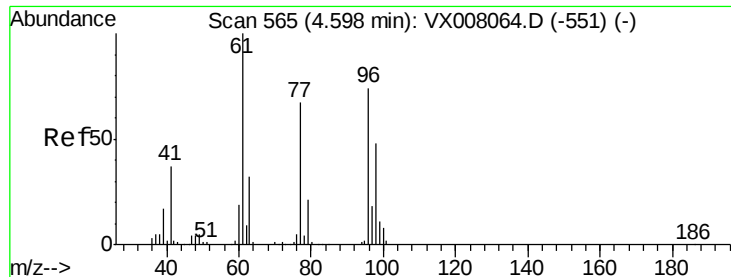
97 24.9 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



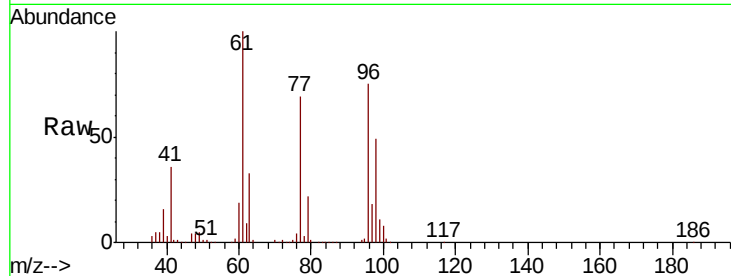


#27

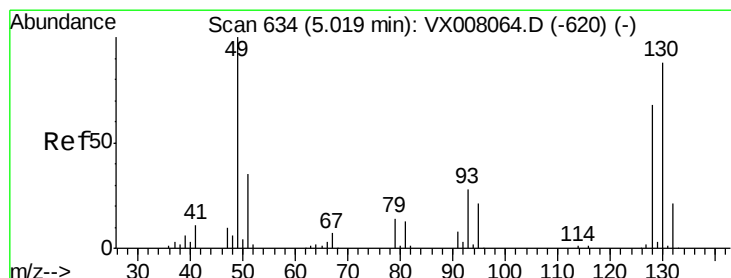
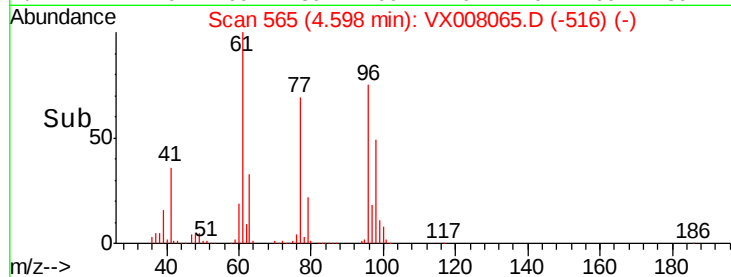
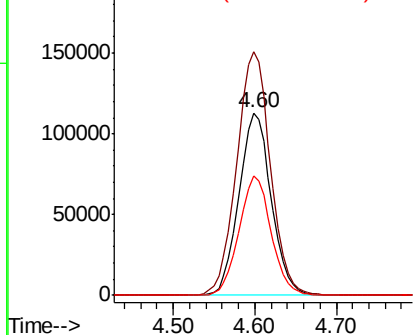
cis-1,2-Dichloroethene
Concen: 104.604 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 310717
Ion Ratio Lower Upper
96 100
61 139.3 0.0 288.0
98 65.0 0.0 129.0



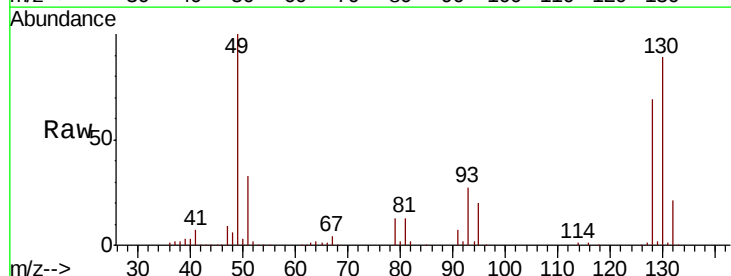
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



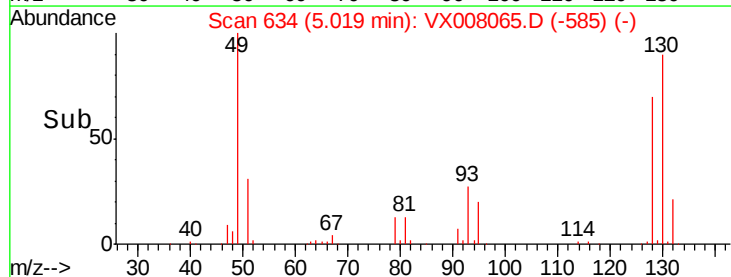
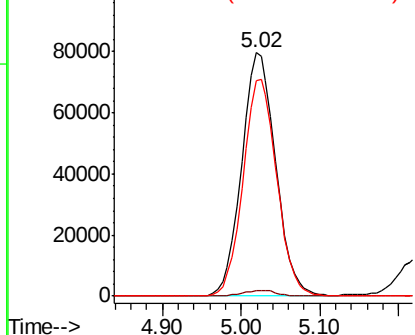
#28

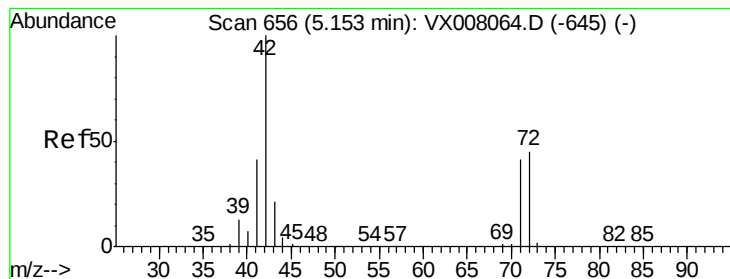
Bromochloromethane
Concen: 103.636 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 49 Resp: 238647
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.0
130 88.3 65.0 97.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 499.757 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

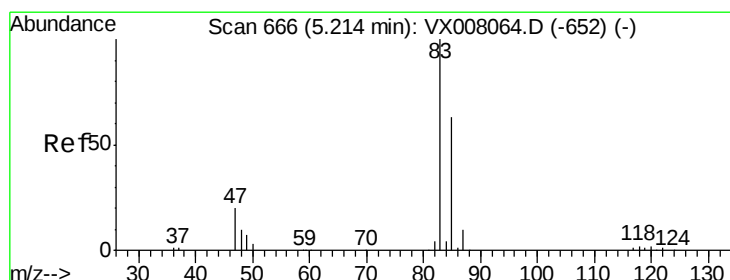
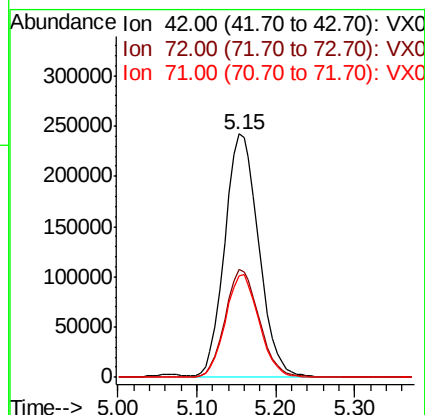
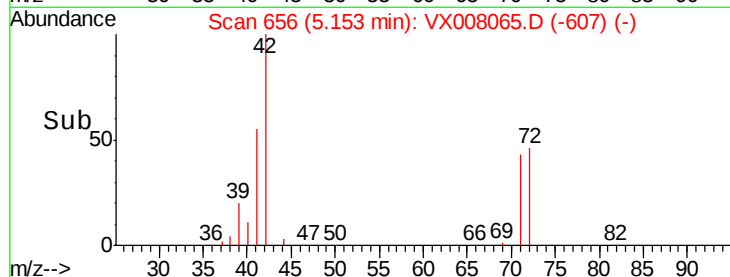
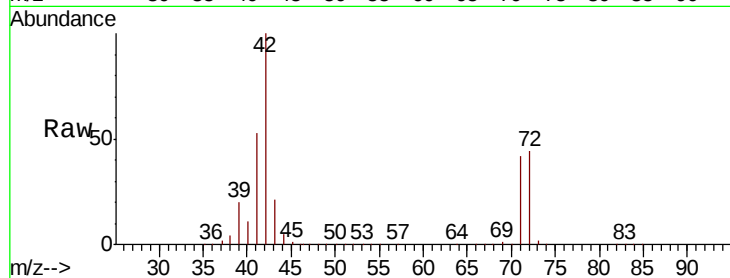
Tgt Ion: 42 Resp: 726272

Ion Ratio Lower Upper

42 100

72 44.5 33.8 50.6

71 41.9 31.5 47.3



#30

Chloroform

Concen: 103.907 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX008065.D

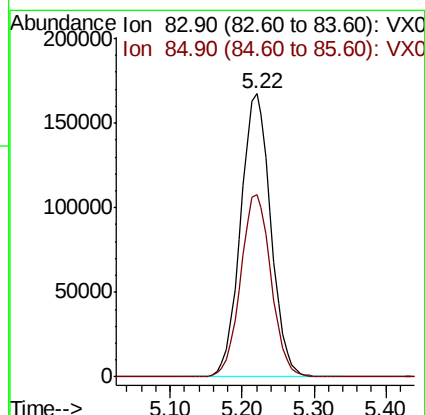
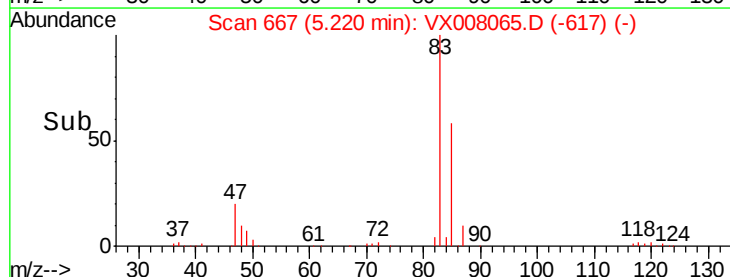
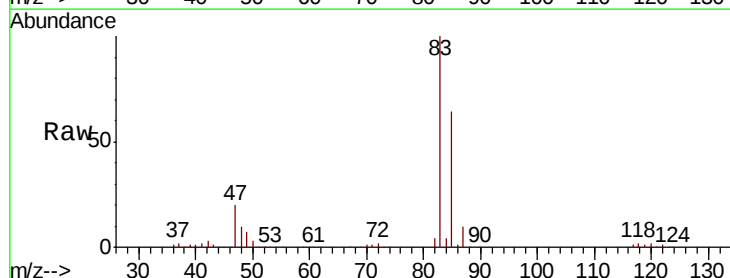
Acq: 14 Mar 2019 11:25

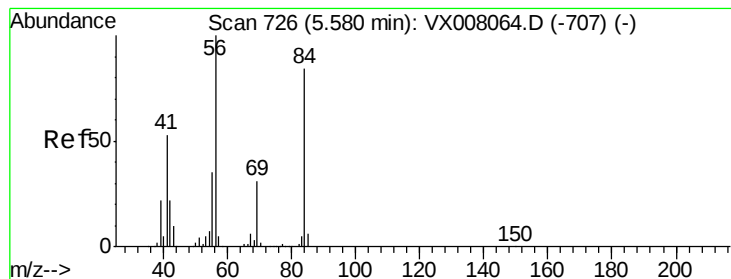
Tgt Ion: 83 Resp: 486136

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6





#31

Cyclohexane

Concen: 104.696 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

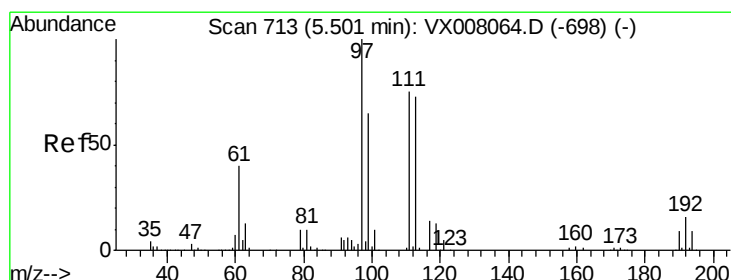
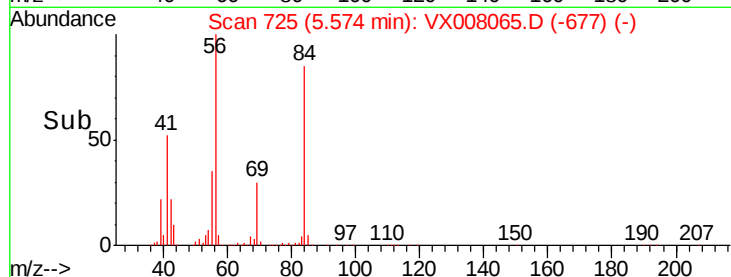
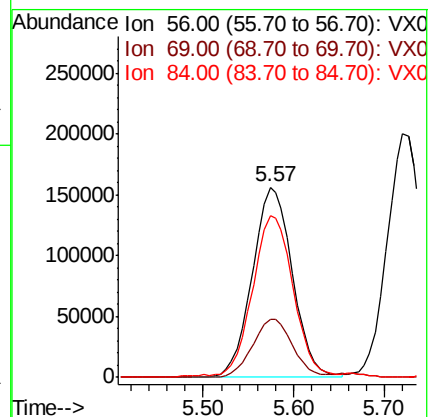
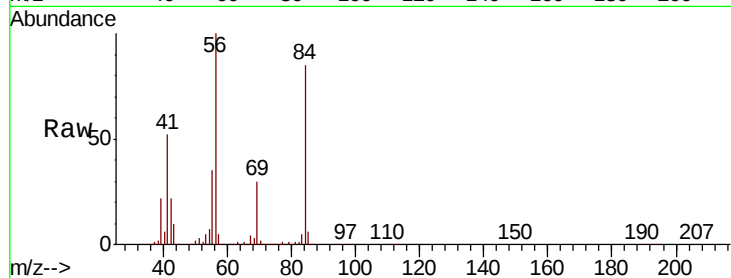
Tgt Ion: 56 Resp: 475952

Ion Ratio Lower Upper

56 100

69 30.3 24.0 36.0

84 84.1 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 105.636 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

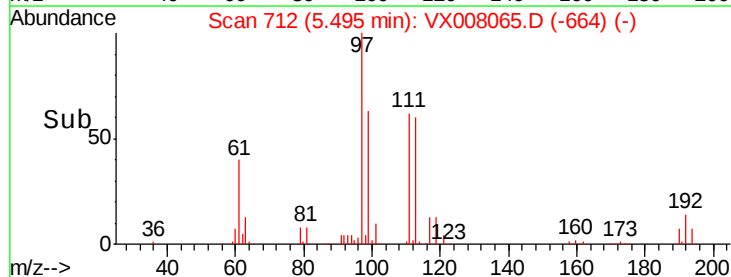
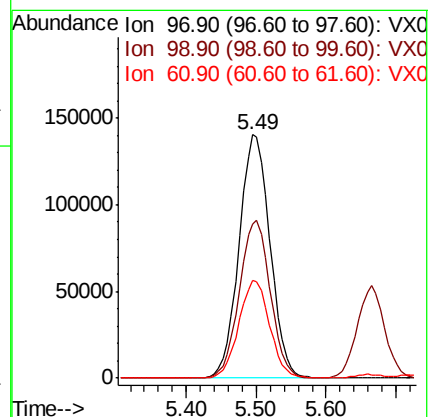
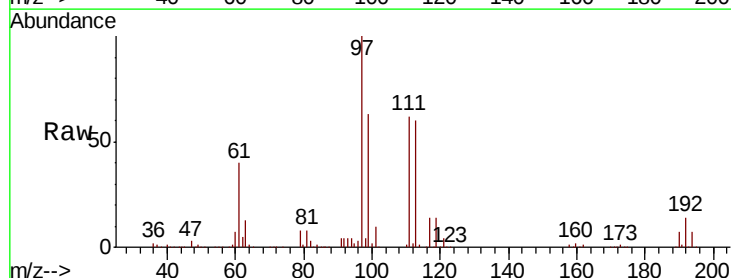
Tgt Ion: 97 Resp: 432189

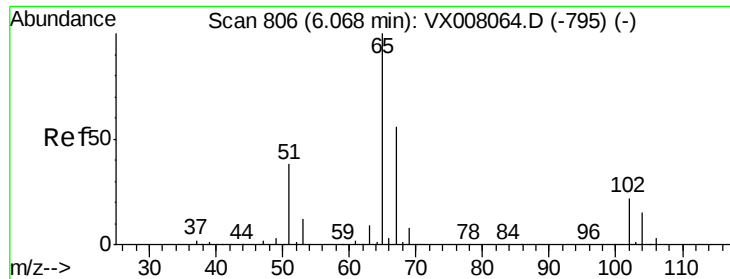
Ion Ratio Lower Upper

97 100

99 64.6 52.2 78.2

61 40.0 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 102.073 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

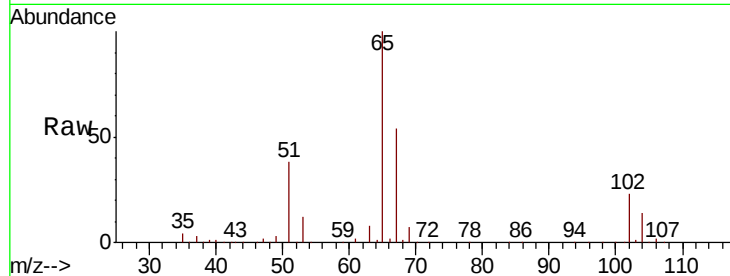
VSTDIC100

Tgt Ion: 65 Resp: 310724

Ion Ratio Lower Upper

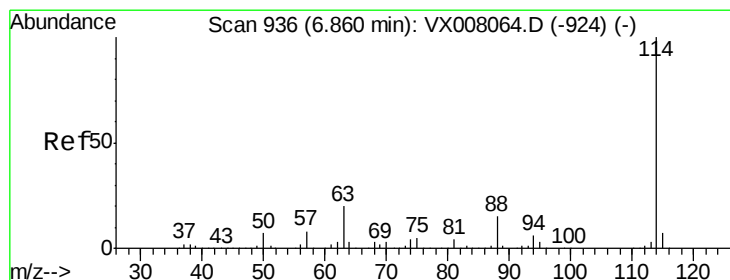
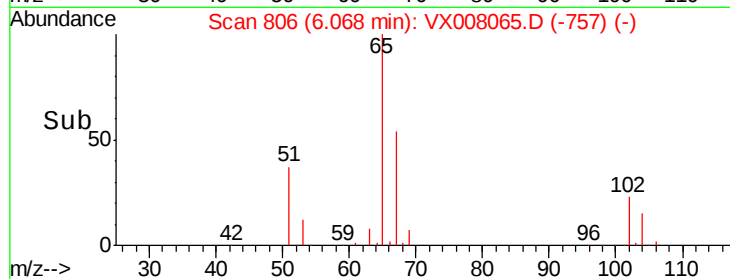
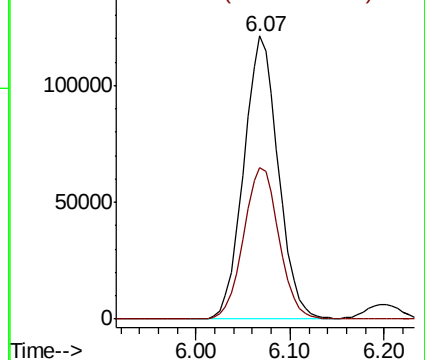
65 100

67 55.0 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

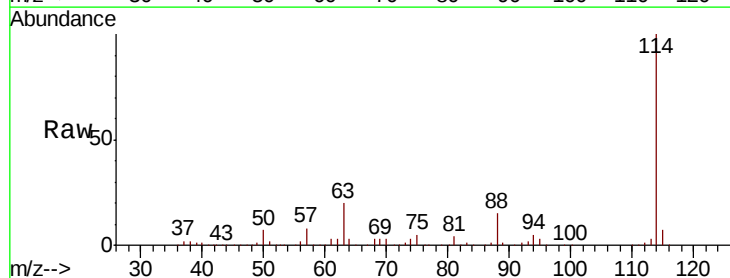
Tgt Ion: 114 Resp: 450433

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

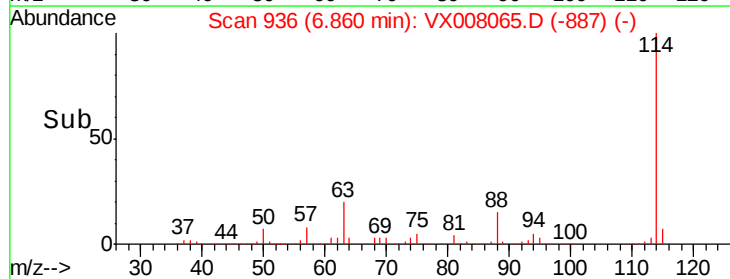
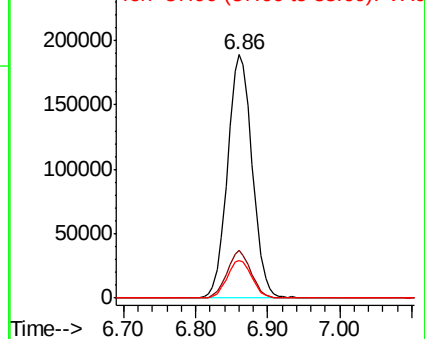
88 15.4 0.0 31.4

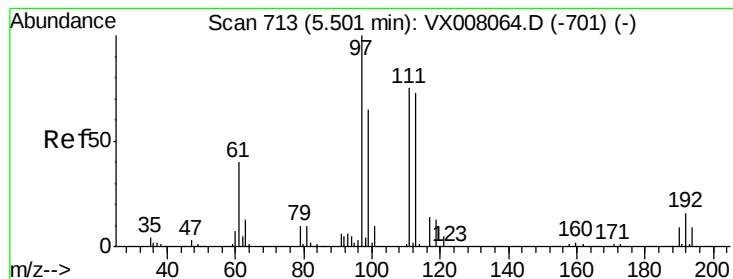


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 103.945 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

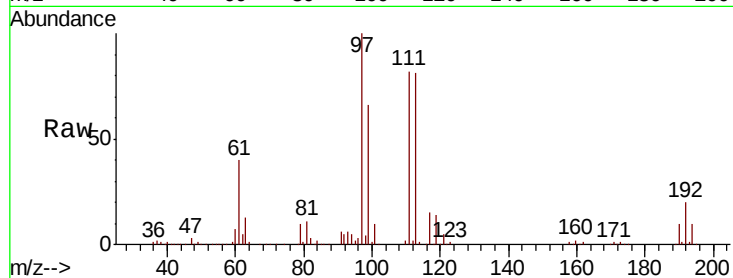
Tgt Ion:113 Resp: 283595

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

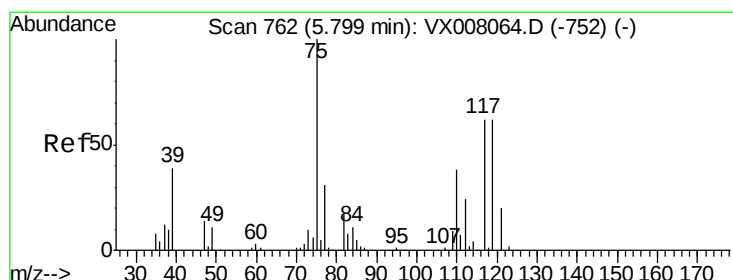
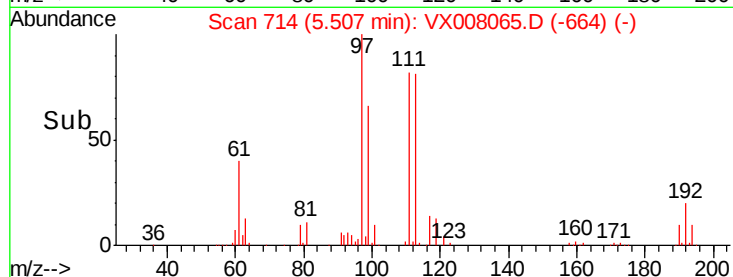
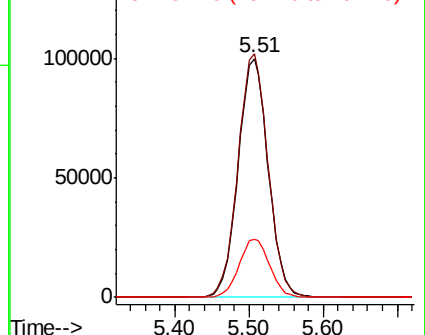
192 24.7 19.4 29.0



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: 106.950 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

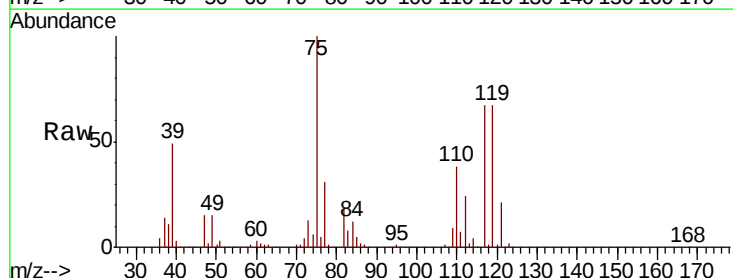
Tgt Ion: 75 Resp: 384660

Ion Ratio Lower Upper

75 100

110 38.1 18.4 55.0

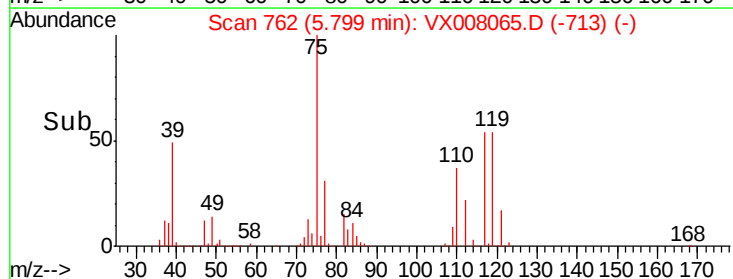
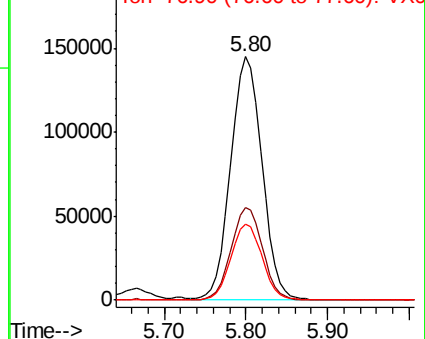
77 31.1 25.0 37.4

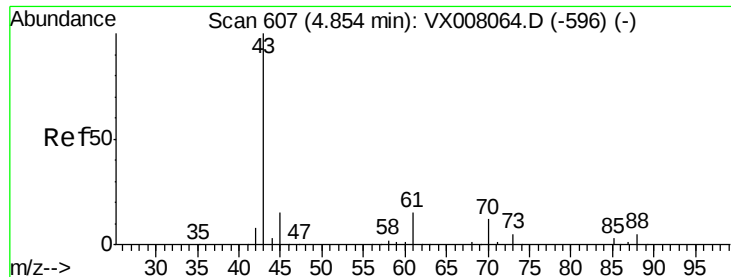


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

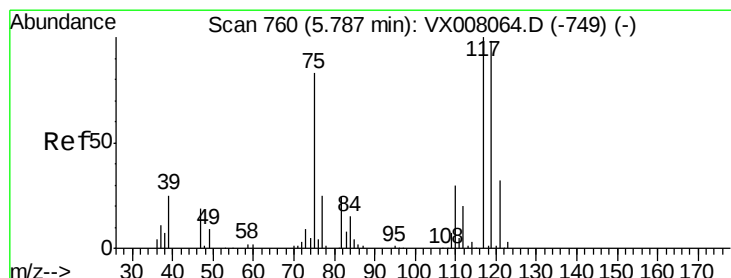
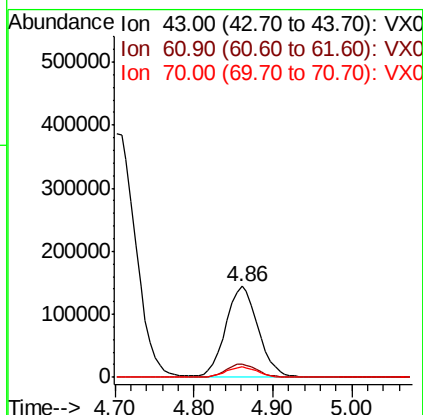
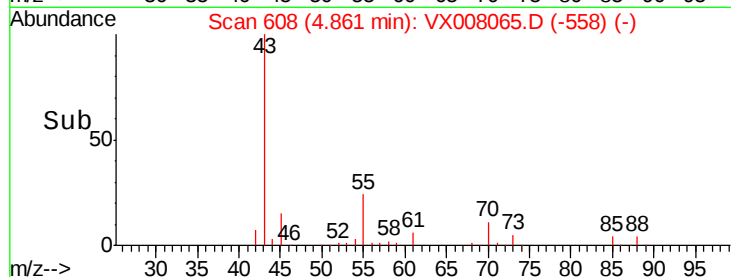
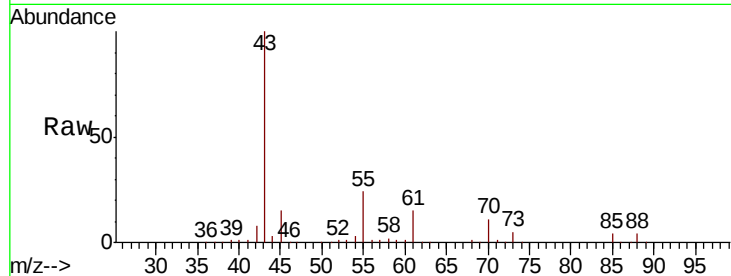




#37
Ethyl Acetate
Concen: 104.007 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

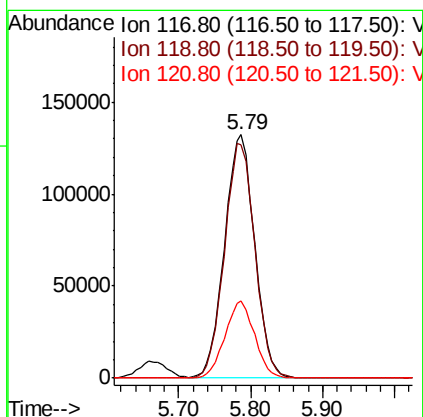
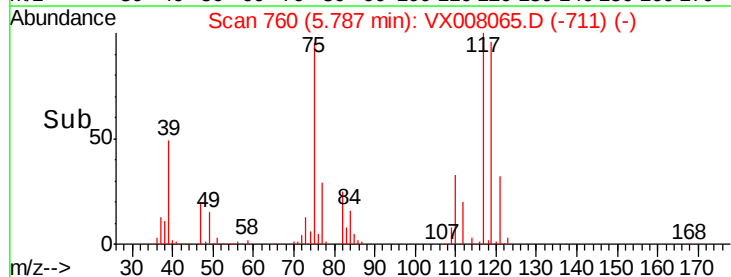
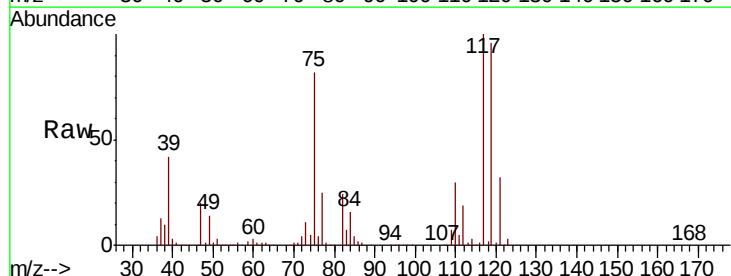
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

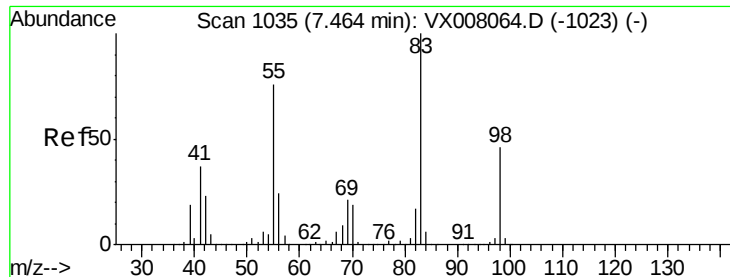
Tgt Ion: 43 Resp: 413893
Ion Ratio Lower Upper
43 100
61 14.8 11.3 16.9
70 11.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 108.345 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 117 Resp: 385170
Ion Ratio Lower Upper
117 100
119 96.0 76.2 114.2
121 31.8 24.6 36.8

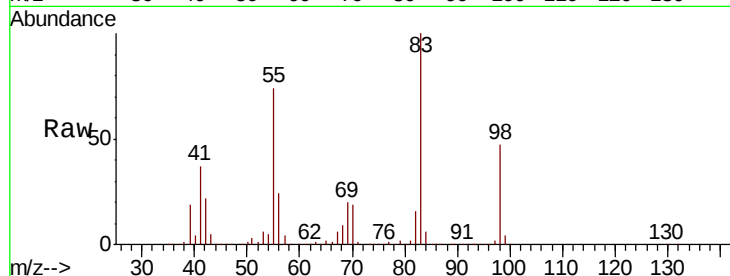




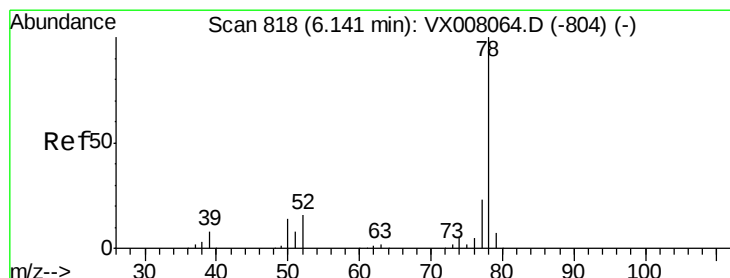
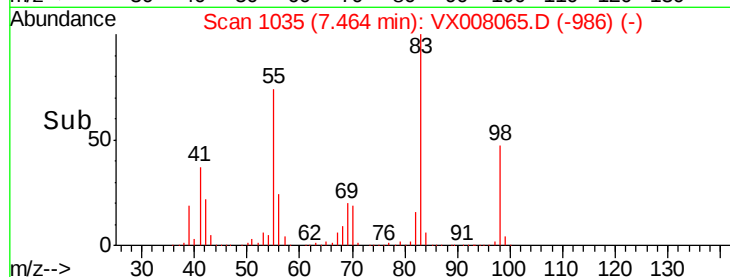
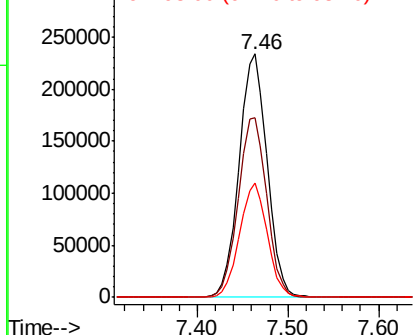
#39
Methylcyclohexane
Concen: 106.733 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 499724
Ion Ratio Lower Upper
83 100
55 73.5 60.4 90.6
98 46.9 36.5 54.7

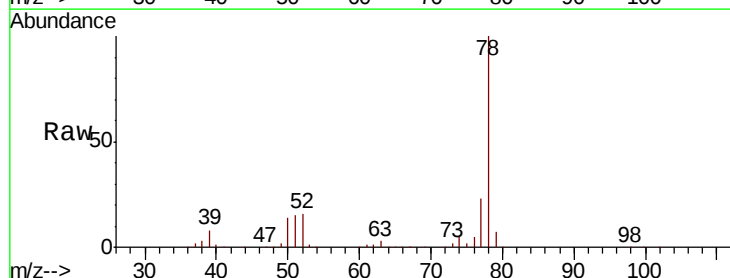


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

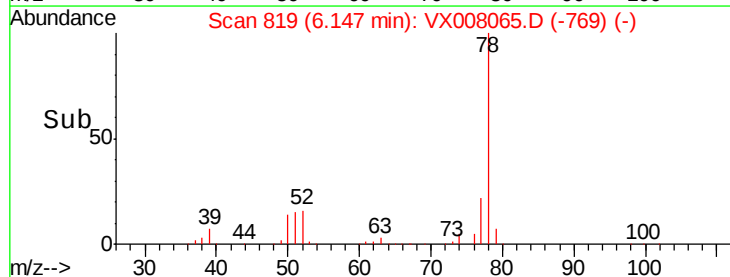
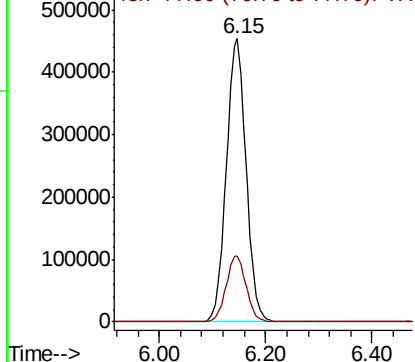


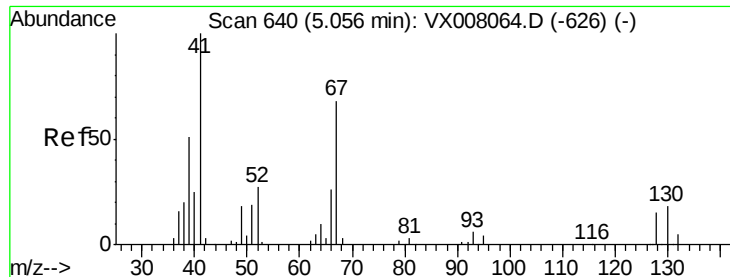
#40
Benzene
Concen: 106.626 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 78 Resp: 1177114
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 103.826 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 235605

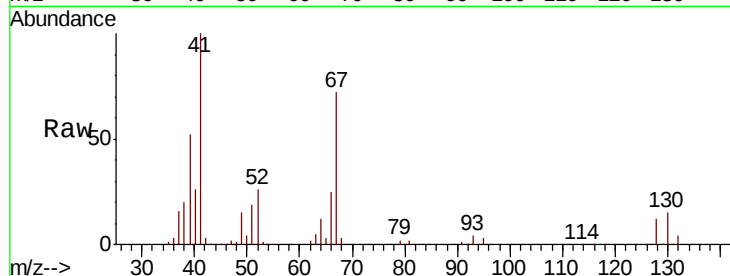
Ion Ratio Lower Upper

41 100

39 51.8 41.6 62.4

67 71.7 55.8 83.6

52 27.3 21.7 32.5

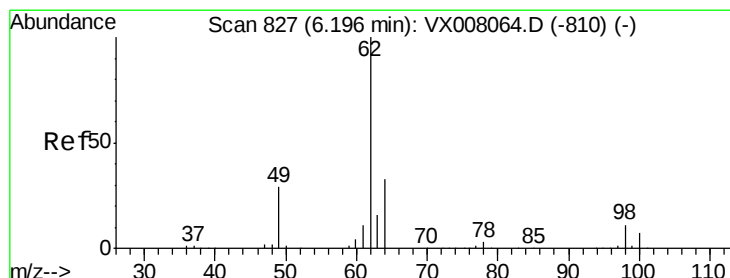
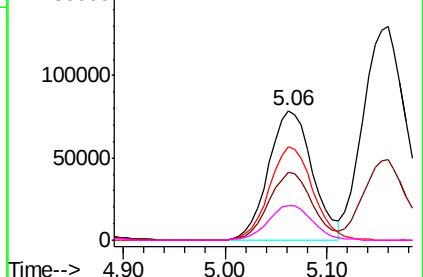
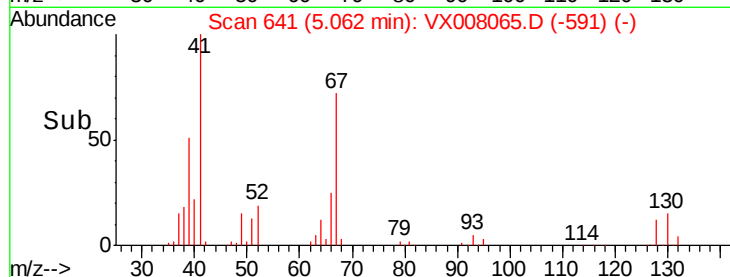


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 106.111 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008065.D

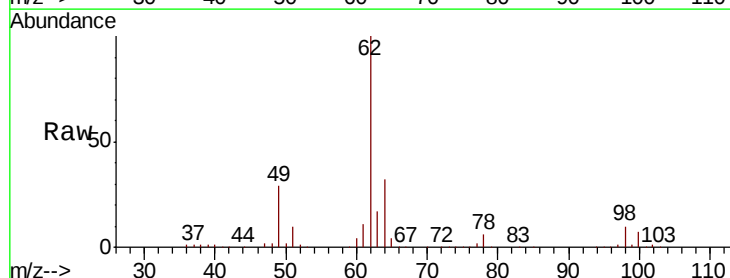
Acq: 14 Mar 2019 11:25

Tgt Ion: 62 Resp: 374367

Ion Ratio Lower Upper

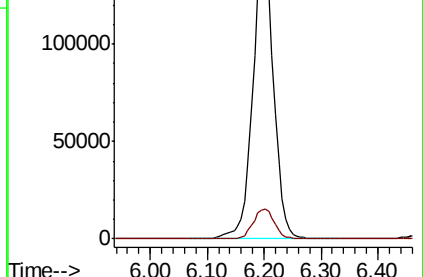
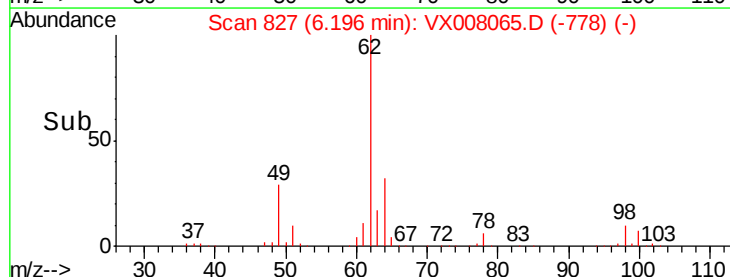
62 100

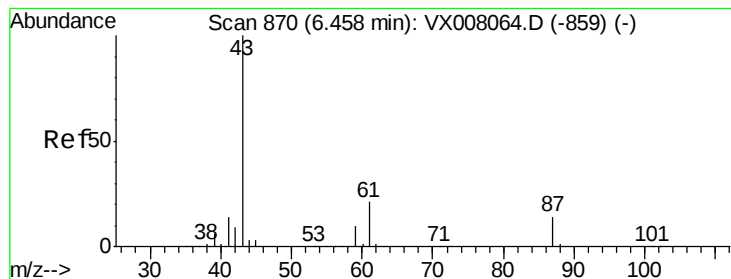
98 10.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 105.430 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

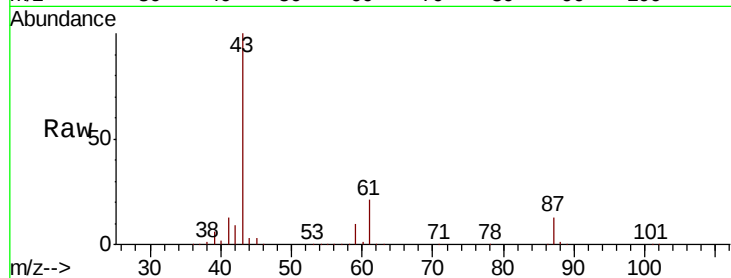
Tgt Ion: 43 Resp: 674686

Ion Ratio Lower Upper

43 100

61 21.0 16.3 24.5

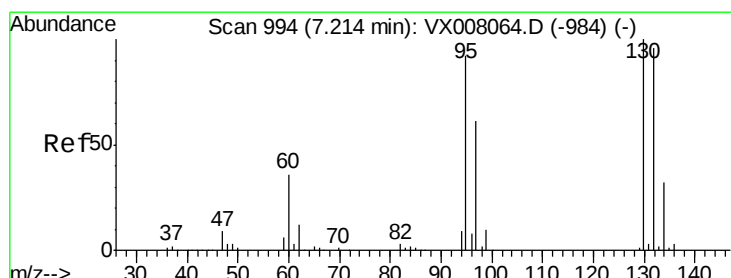
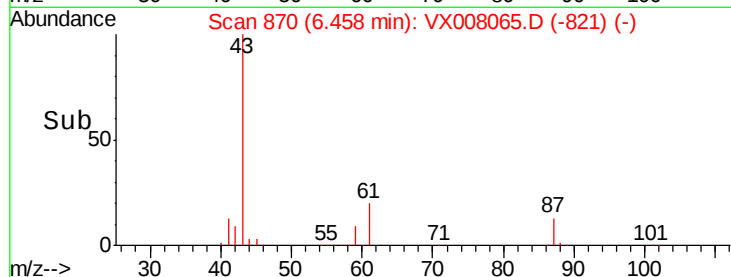
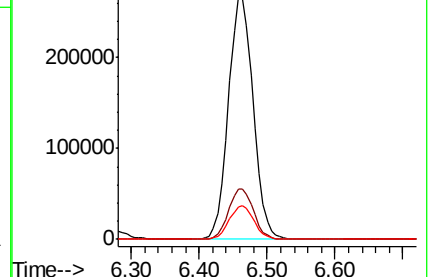
87 13.8 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VX008064.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX008064.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX008064.D (-859) (-)



#44

Trichloroethene

Concen: 105.624 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008065.D

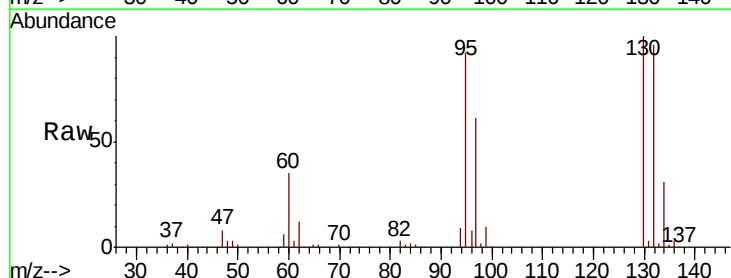
Acq: 14 Mar 2019 11:25

Tgt Ion: 130 Resp: 332120

Ion Ratio Lower Upper

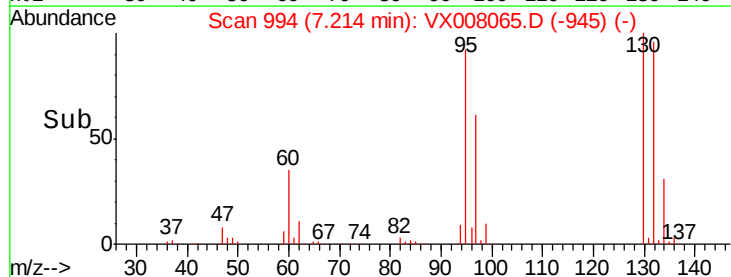
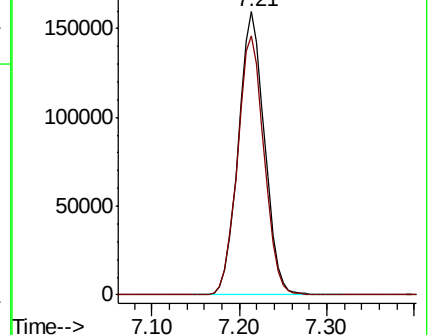
130 100

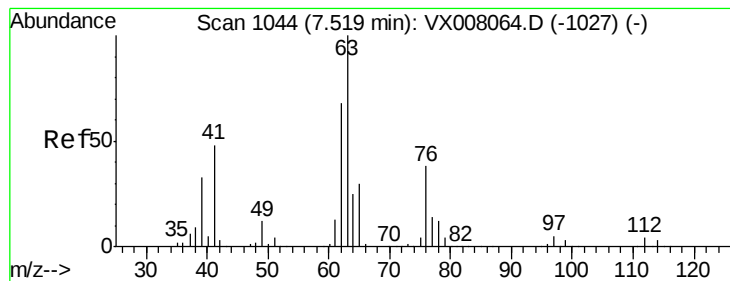
95 91.7 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VX008064.D (-984) (-)

Ion 94.90 (94.60 to 95.60): VX008064.D (-984) (-)





#45

1,2-Dichloropropane

Concen: 104.820 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

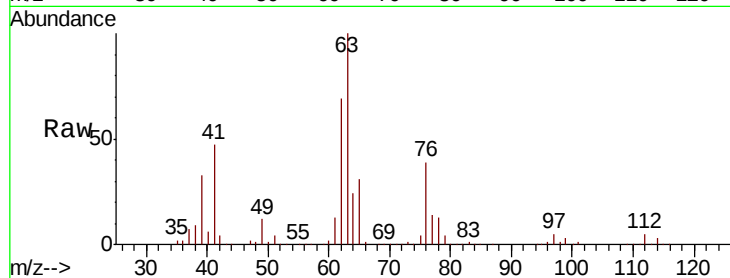
VSTDIC100

Tgt Ion: 63 Resp: 308487

Ion Ratio Lower Upper

63 100

65 30.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

150000

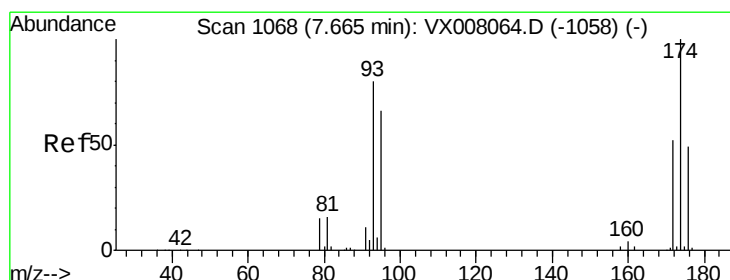
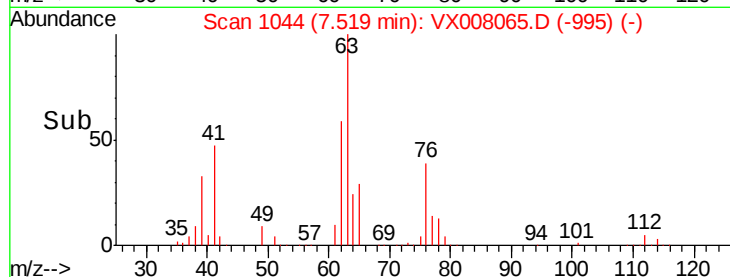
100000

50000

0

Time-->

7.30 7.40 7.50 7.60 7.70



#46

Dibromomethane

Concen: 107.415 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

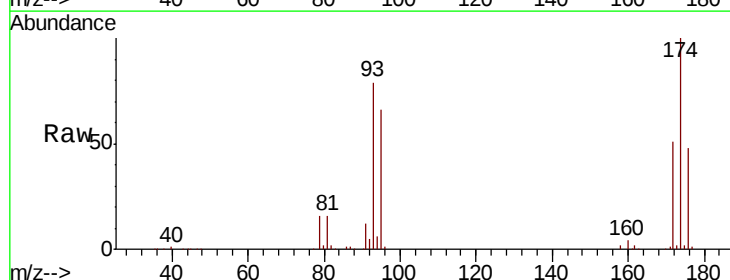
Tgt Ion: 93 Resp: 200178

Ion Ratio Lower Upper

93 100

95 83.7 66.8 100.2

174 125.8 97.3 145.9



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

7.66

150000

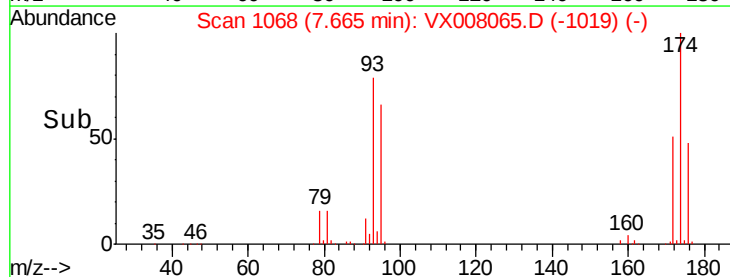
100000

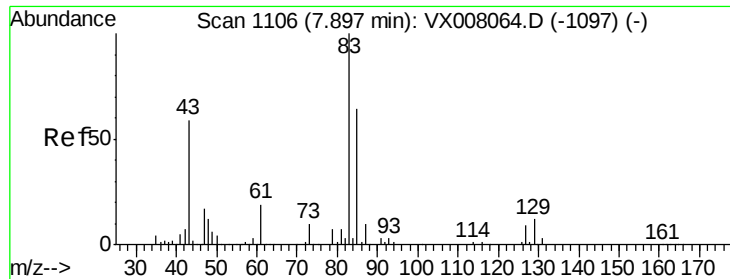
50000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 110.964 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

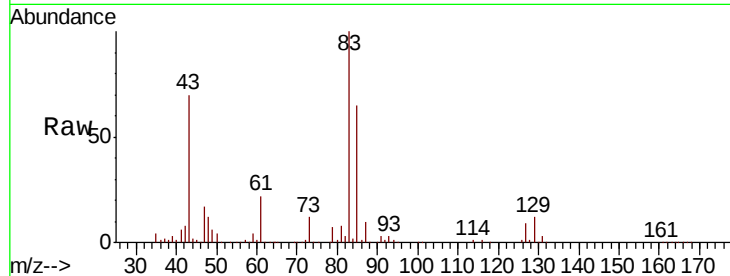
Tgt Ion: 83 Resp: 392062

Ion Ratio Lower Upper

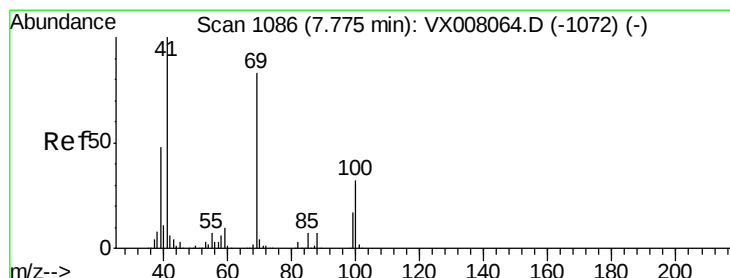
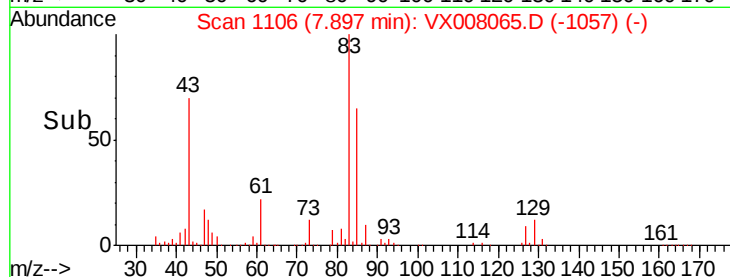
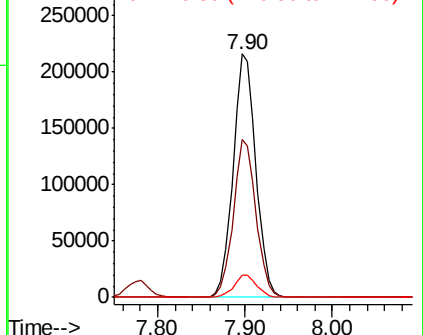
83 100

85 64.5 50.9 76.3

127 9.3 7.4 11.0



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: 106.626 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

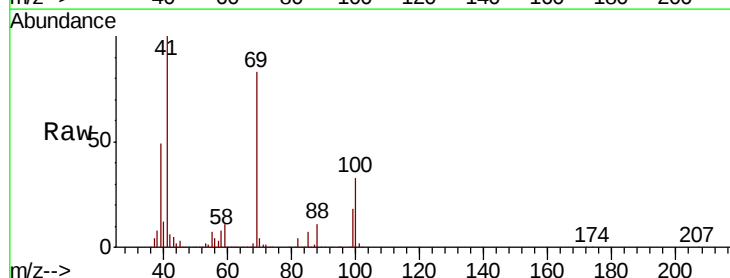
Tgt Ion: 41 Resp: 365110

Ion Ratio Lower Upper

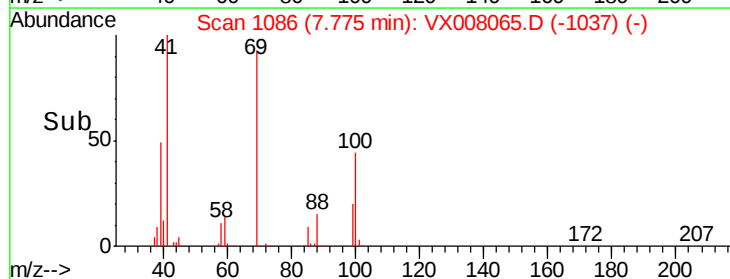
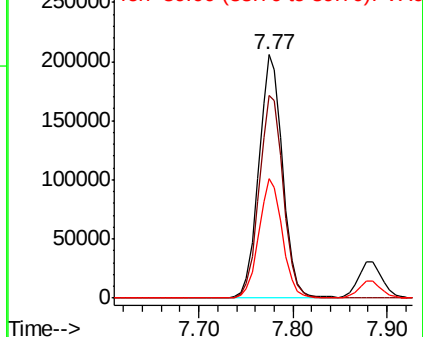
41 100

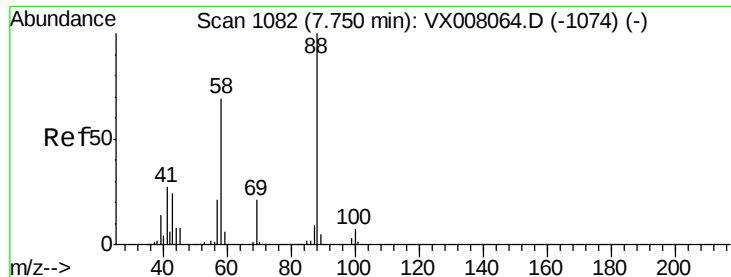
69 84.8 65.2 97.8

39 48.6 39.4 59.2



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

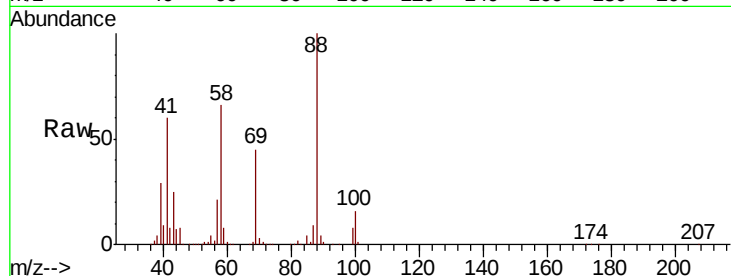




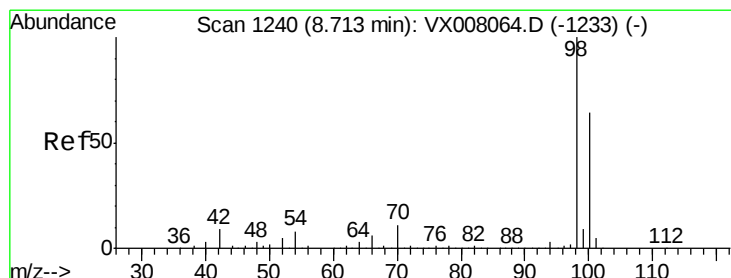
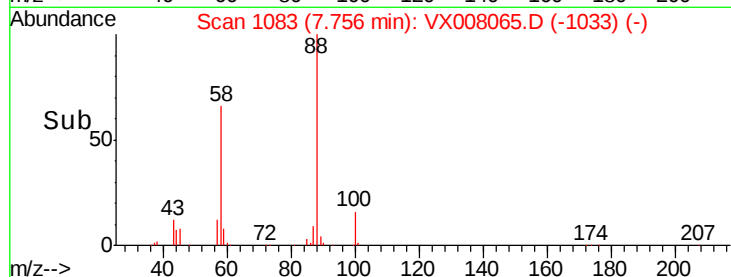
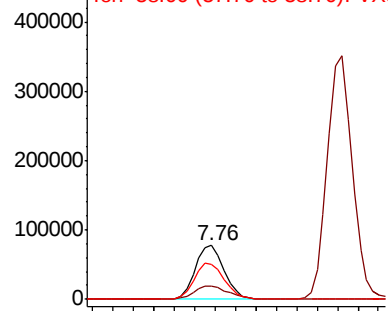
#49
1,4-Dioxane
Concen: 2155.629 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 153114
Ion Ratio Lower Upper
88 100
43 29.3 25.1 37.7
58 70.1 57.8 86.6

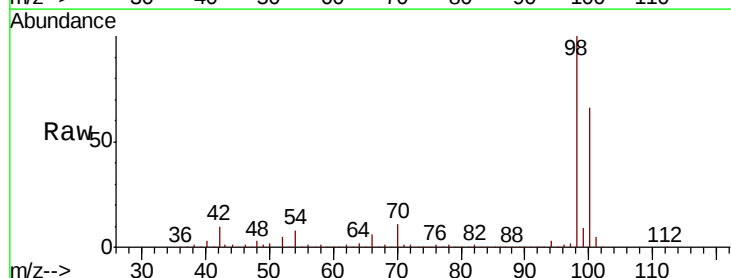


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

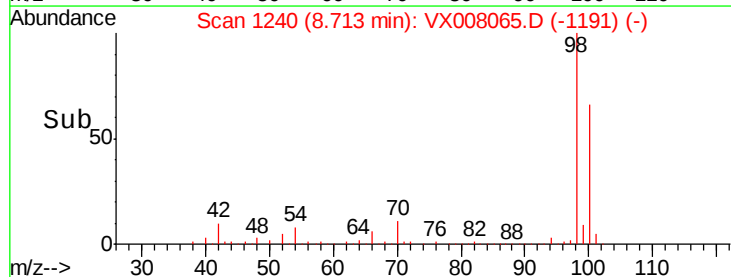
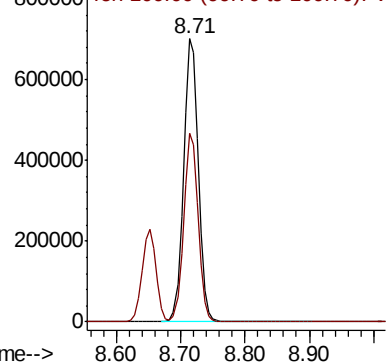


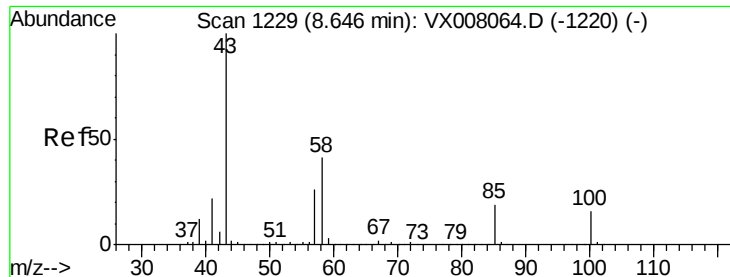
#50
Toluene-d8
Concen: 106.630 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 98 Resp: 1121650
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

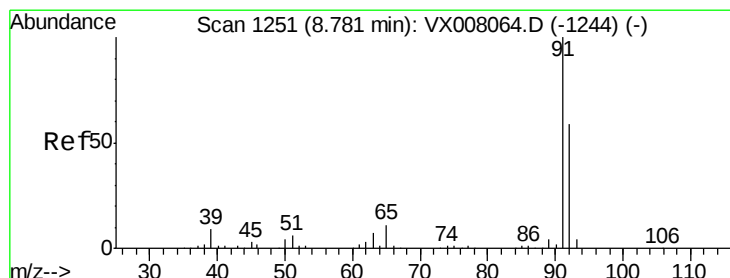
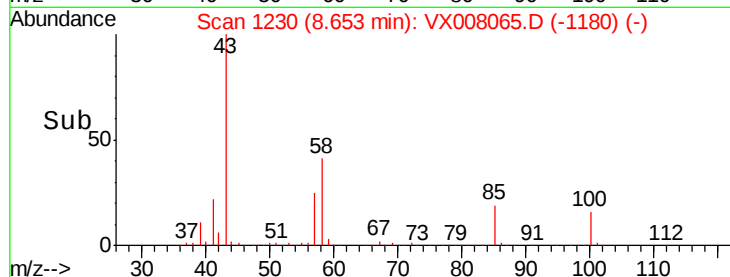
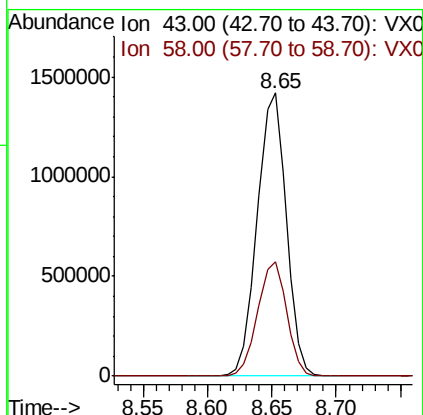
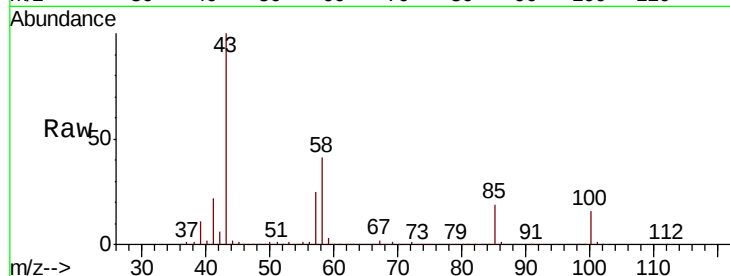




#51
 4-Methyl-2-Pentanone
 Concen: 526.833 ug/l
 RT: 8.65 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

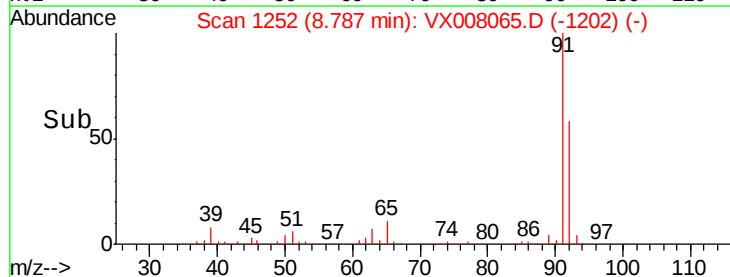
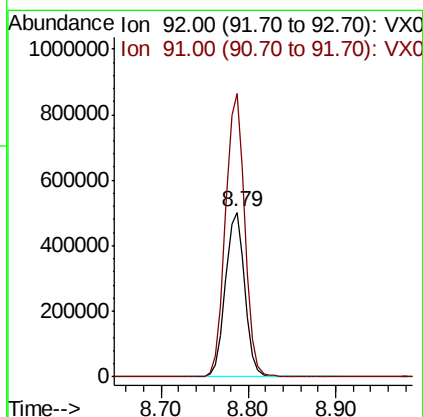
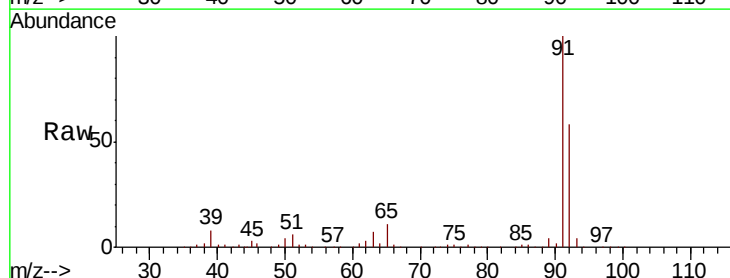
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

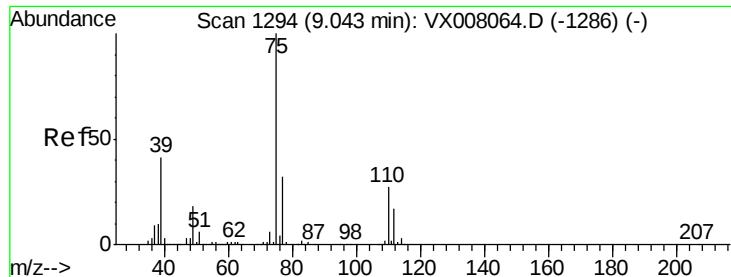
Tgt Ion: 43 Resp: 2211453
 Ion Ratio Lower Upper
 43 100
 58 40.4 31.3 46.9



#52
 Toluene
 Concen: 108.051 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.01 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Tgt Ion: 92 Resp: 764516
 Ion Ratio Lower Upper
 92 100
 91 172.1 137.4 206.0

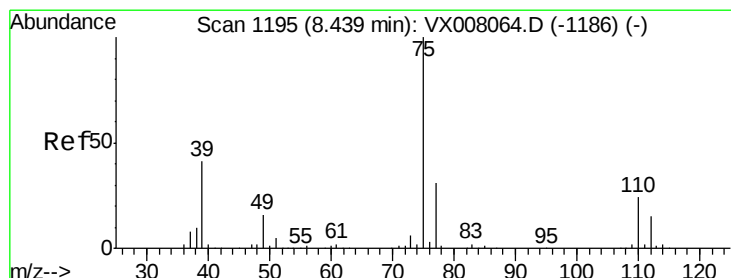
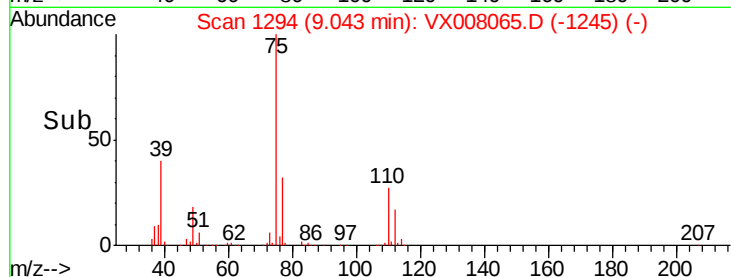
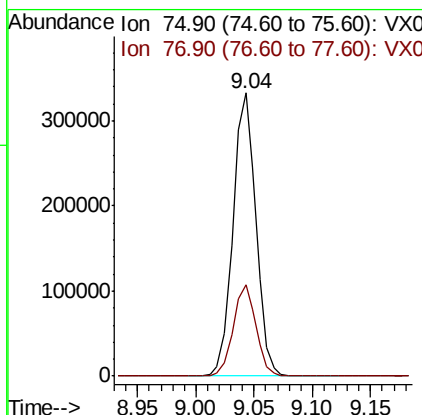
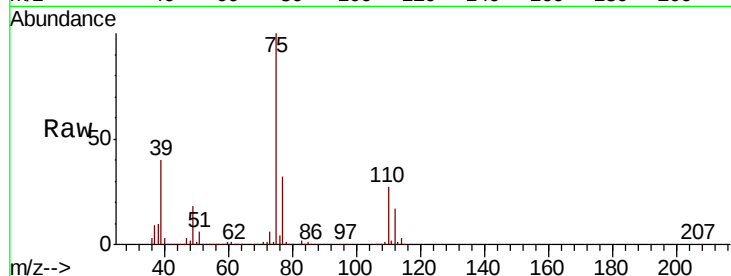




#53
 t-1,3-Dichloropropene
 Concen: 113.545 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

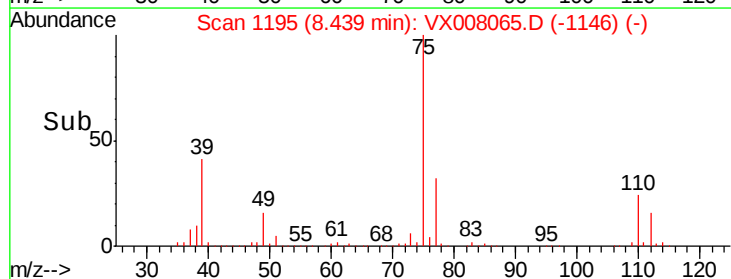
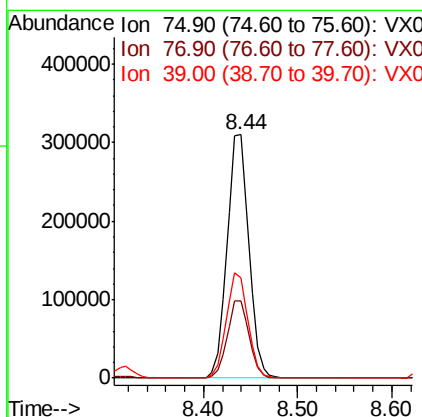
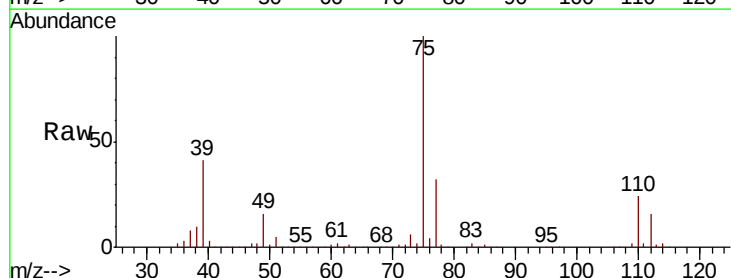
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

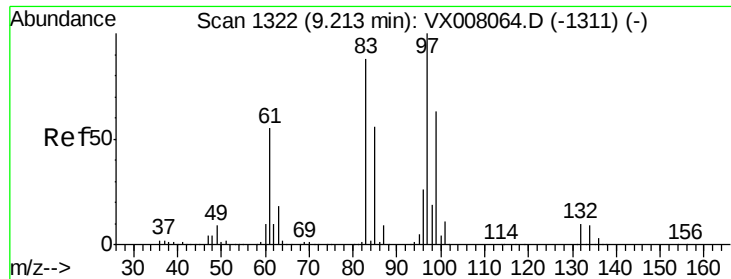
Tgt Ion: 75 Resp: 456983
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 111.056 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Tgt Ion: 75 Resp: 497410
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 41.2 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 106.537 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 303845

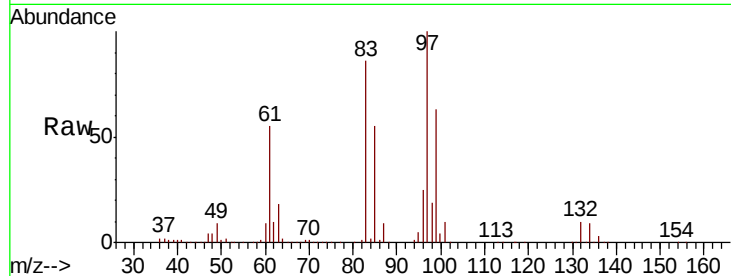
Ion Ratio Lower Upper

97 100

83 86.2 69.1 103.7

85 55.4 44.3 66.5

99 63.4 49.8 74.8

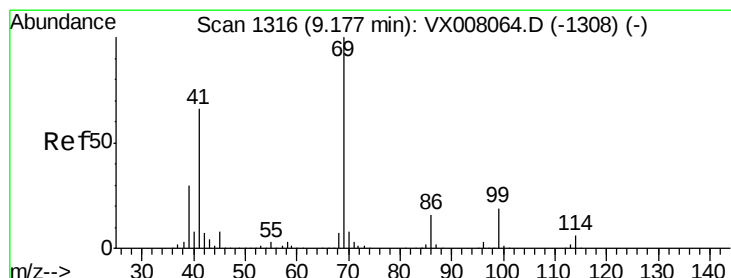
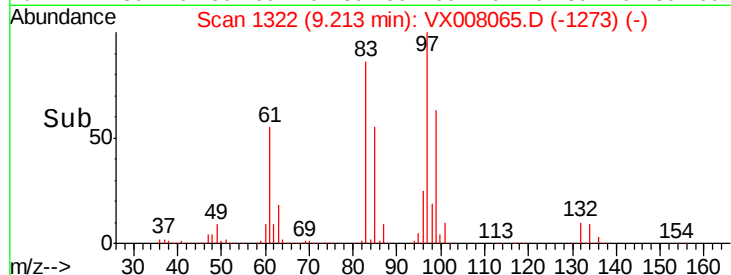
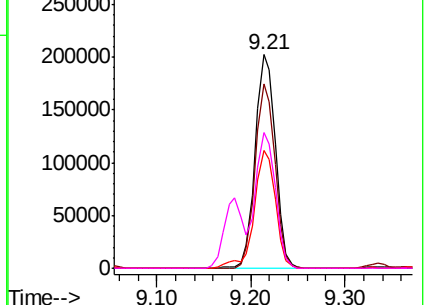


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 108.853 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

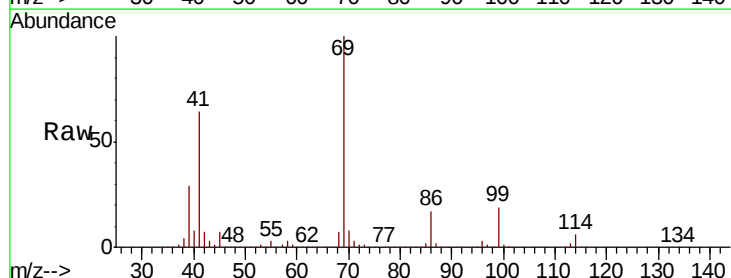
Tgt Ion: 69 Resp: 477077

Ion Ratio Lower Upper

69 100

41 65.0 54.2 81.4

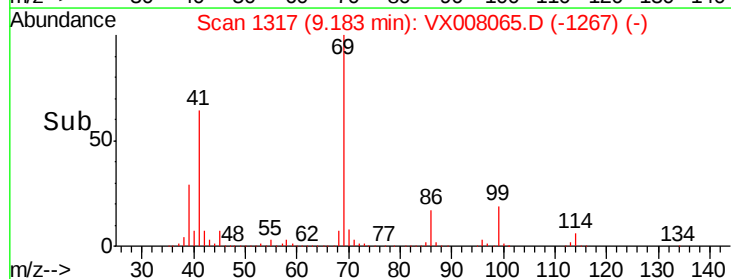
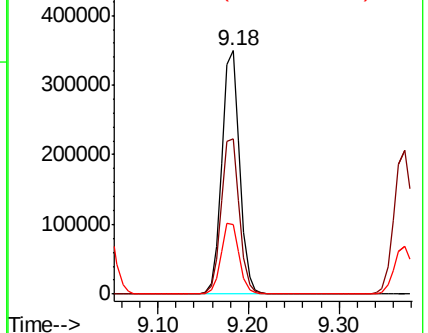
39 29.6 25.0 37.4

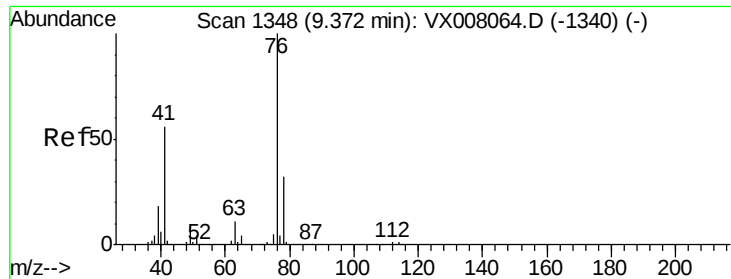


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 107.299 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

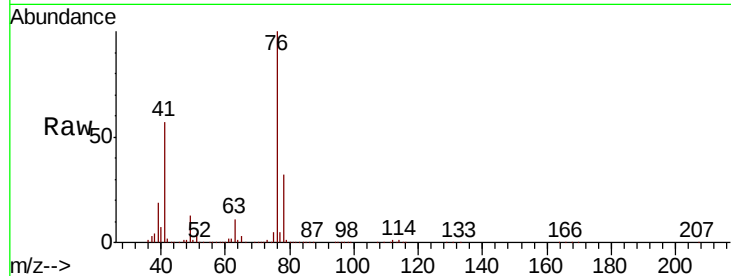
VSTDIC100

Tgt Ion: 76 Resp: 504799

Ion Ratio Lower Upper

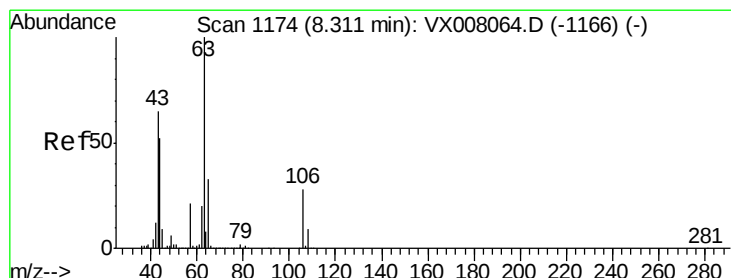
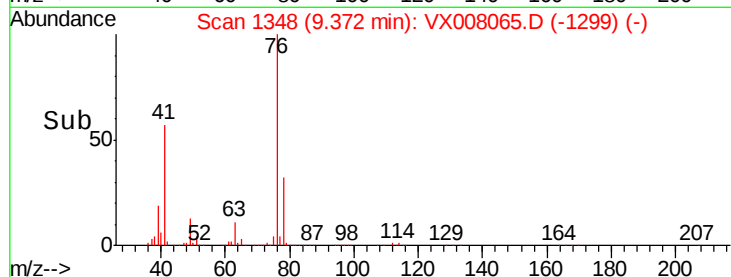
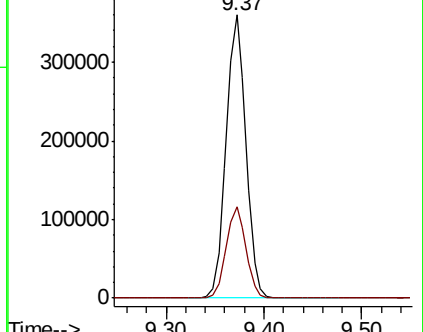
76 100

78 32.3 25.5 38.3



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: 517.430 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX008065.D

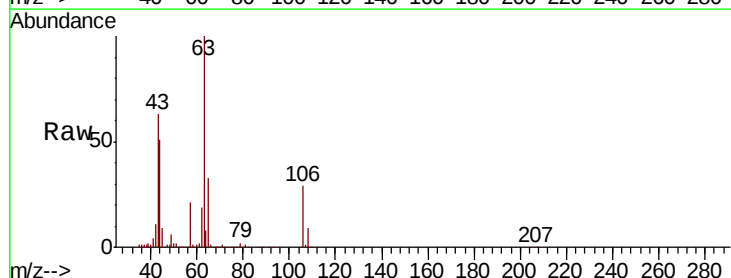
Acq: 14 Mar 2019 11:25

Tgt Ion: 63 Resp: 1323122

Ion Ratio Lower Upper

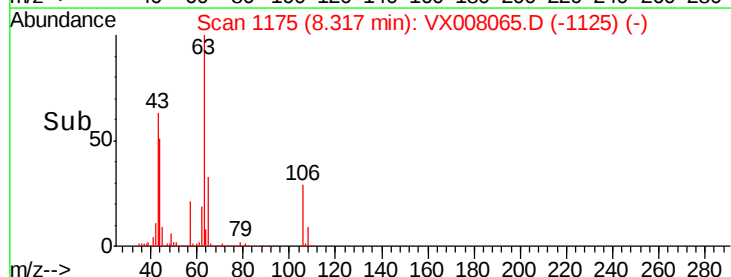
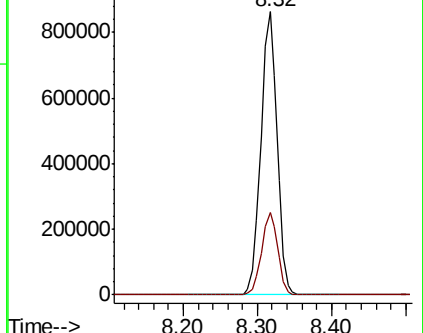
63 100

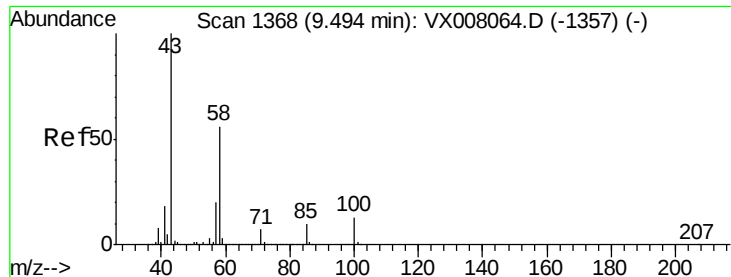
106 28.9 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

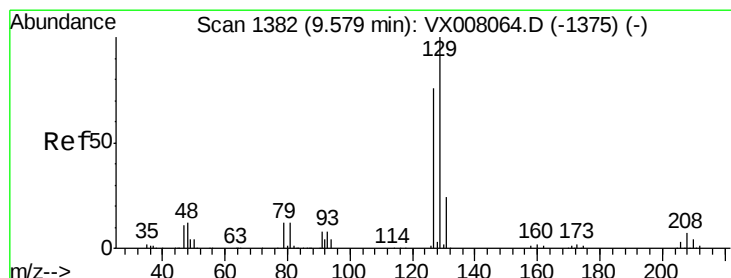
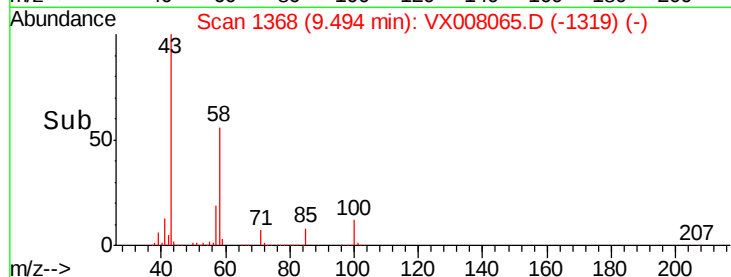
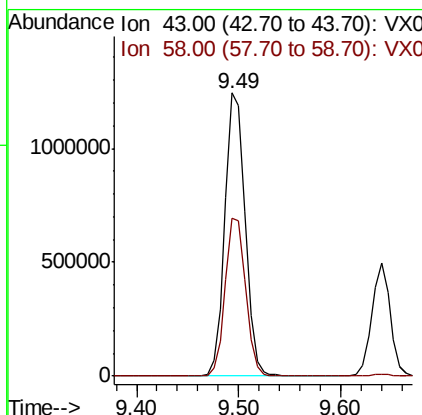
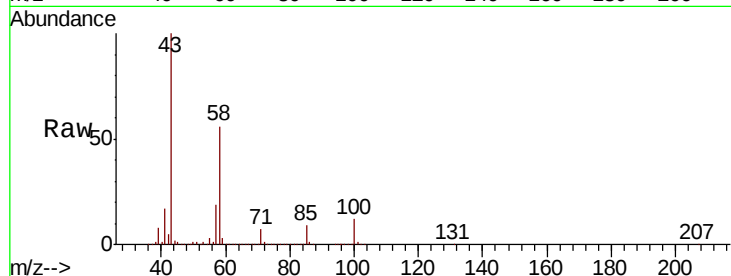




#59
2-Hexanone
Concen: 530.908 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

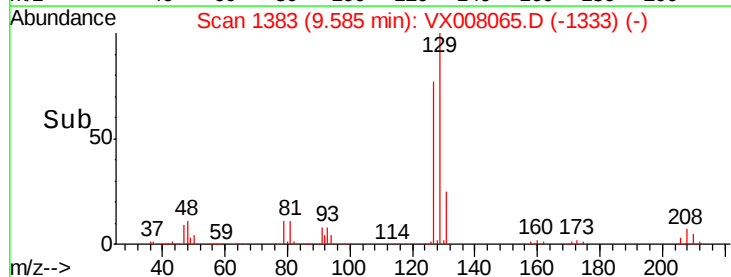
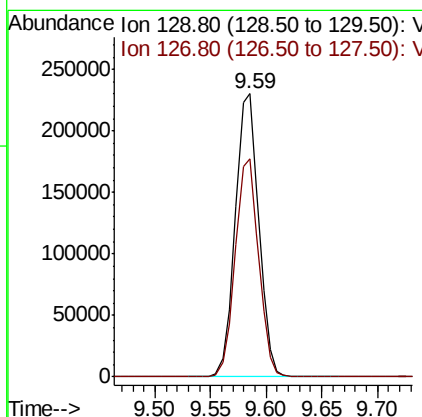
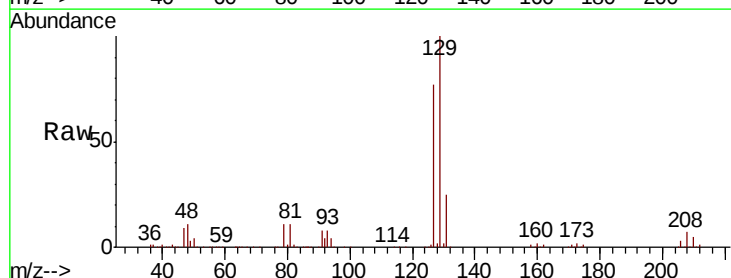
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

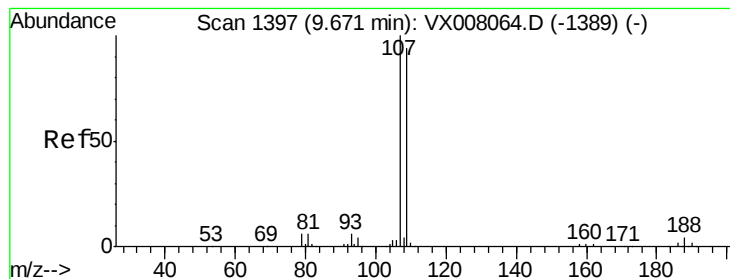
Tgt Ion: 43 Resp: 1714336
Ion Ratio Lower Upper
43 100
58 56.4 27.6 82.7



#60
Dibromochloromethane
Concen: 109.592 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 129 Resp: 335789
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.8





#61

1,2-Dibromoethane

Concen: 106.367 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

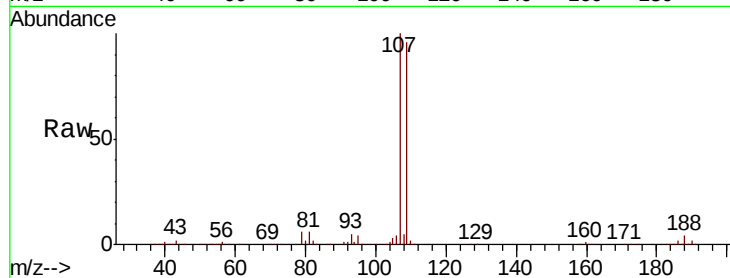
VSTDIC100

Tgt Ion:107 Resp: 328456

Ion Ratio Lower Upper

107 100

109 95.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

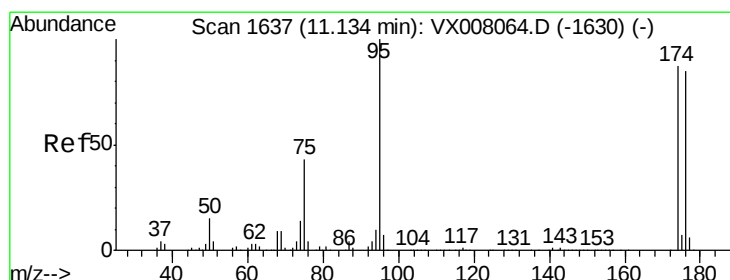
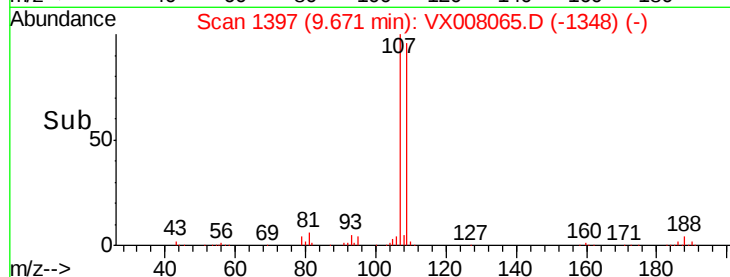
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 105.362 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

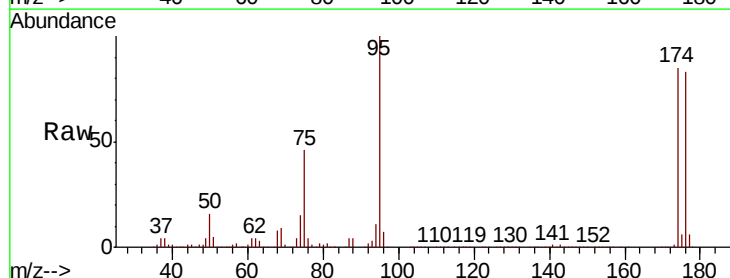
Tgt Ion: 95 Resp: 398898

Ion Ratio Lower Upper

95 100

174 92.9 0.0 182.8

176 90.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

400000

300000

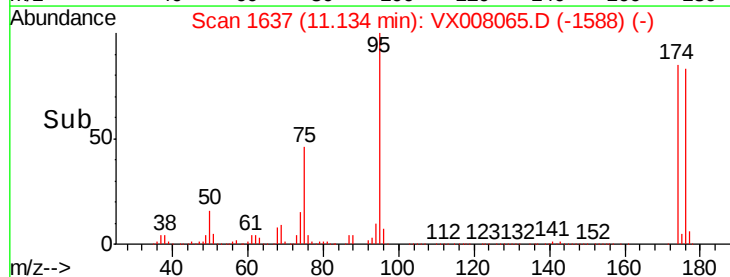
200000

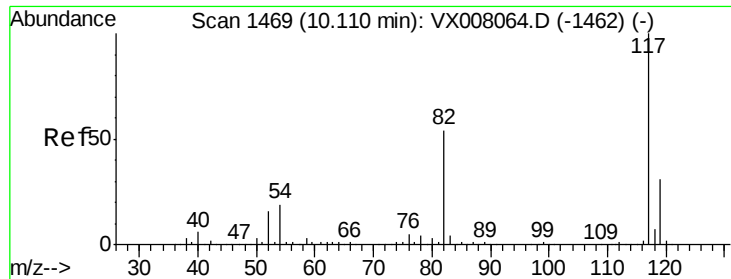
100000

0

Time-->

11.10 11.20

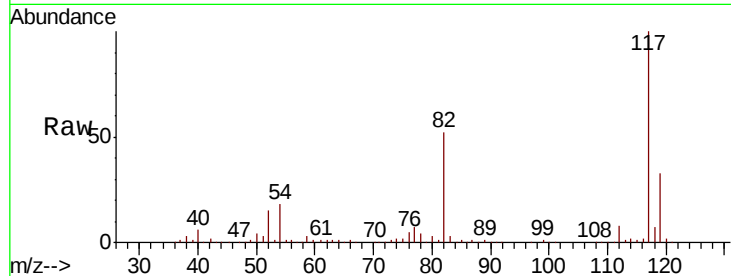




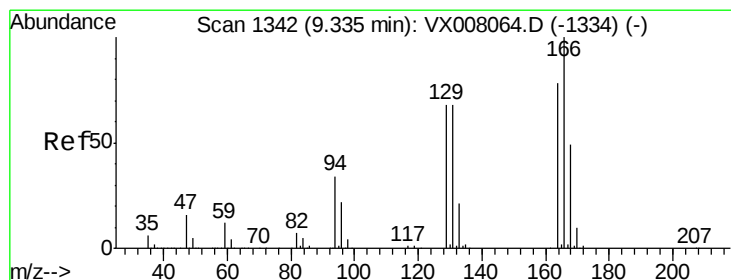
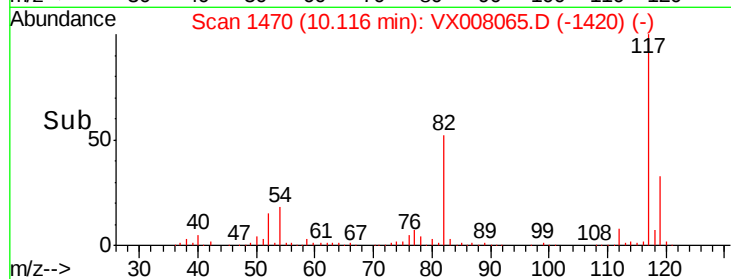
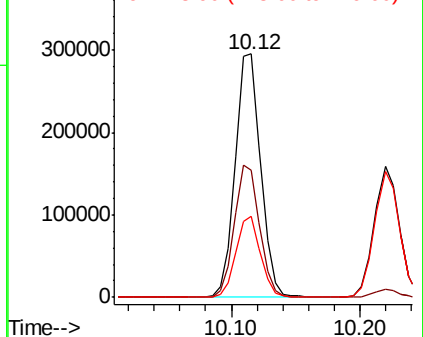
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:117 Resp: 408228
Ion Ratio Lower Upper
117 100
82 52.1 44.3 66.5
119 33.1 25.3 37.9

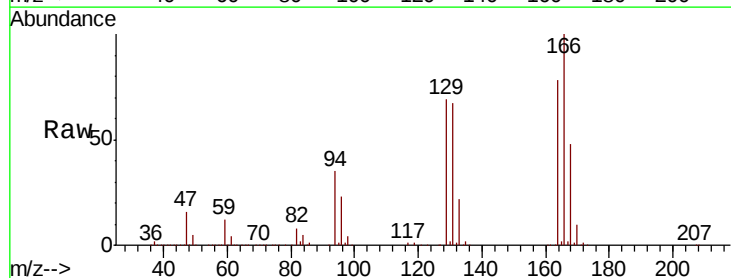


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

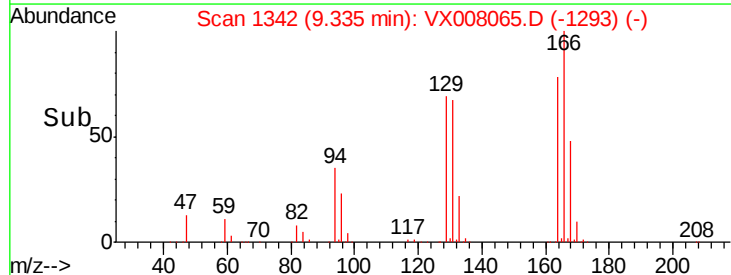
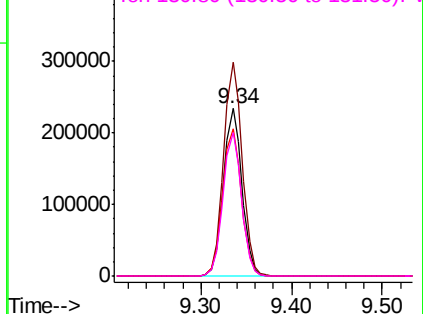


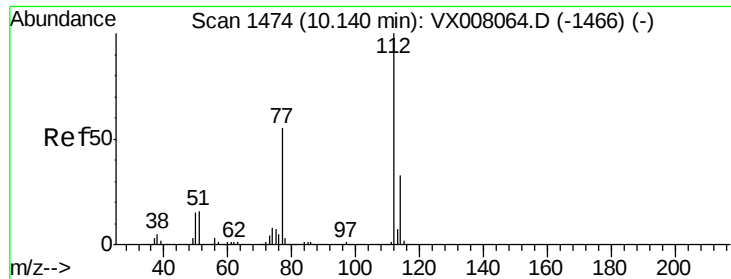
#64
Tetrachloroethene
Concen: 104.815 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion:164 Resp: 335229
Ion Ratio Lower Upper
164 100
166 127.7 103.4 155.0
129 88.2 72.2 108.4
131 85.8 69.4 104.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

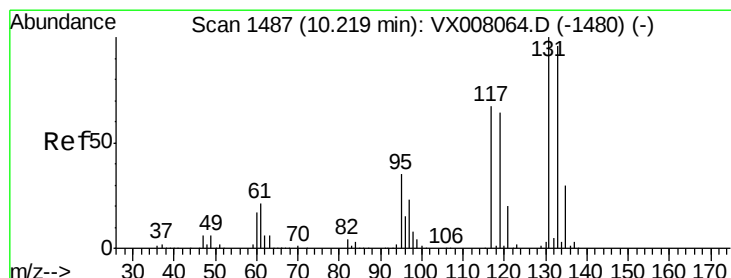
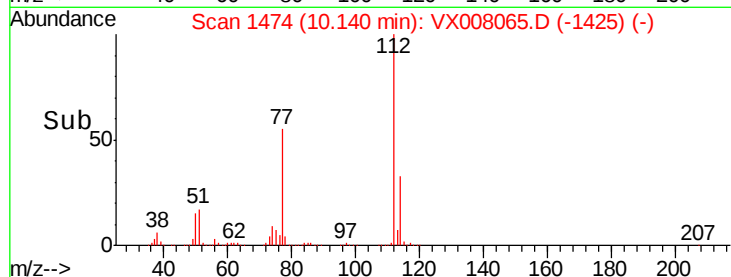
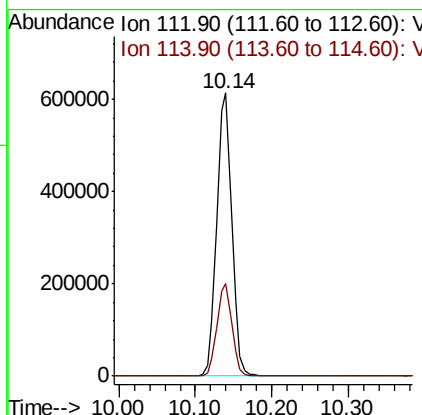
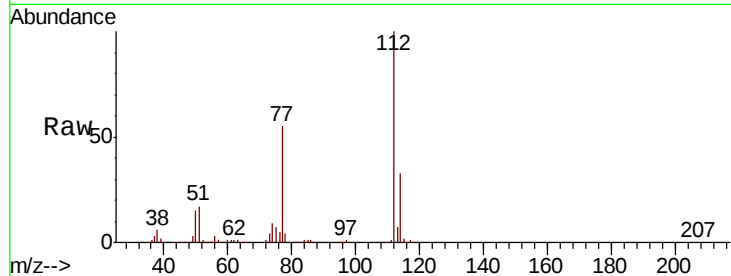




#65
Chlorobenzene
Concen: 106.338 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

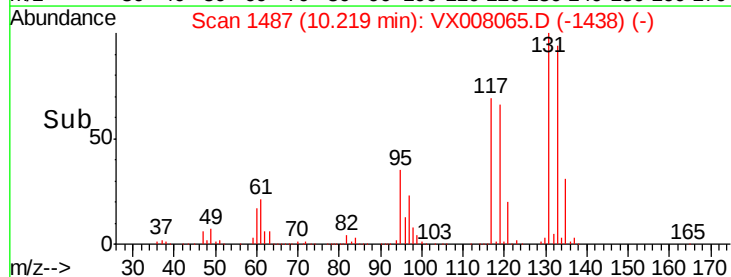
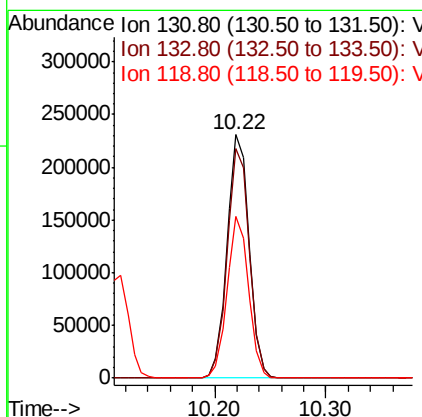
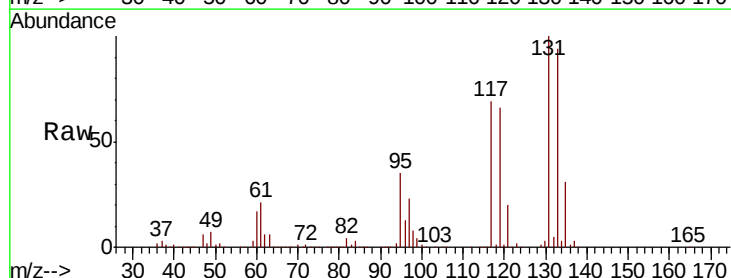
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

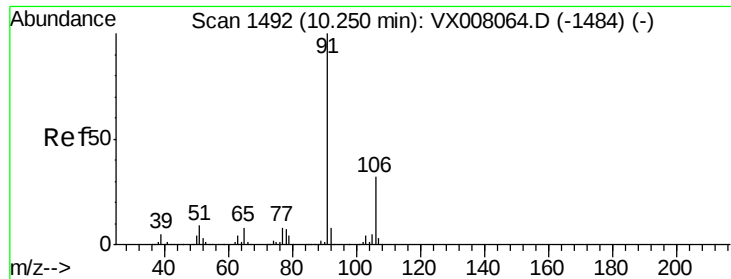
Tgt Ion:112 Resp: 837200
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 107.969 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion:131 Resp: 314373
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.3
119 64.8 32.5 97.5





#67

Ethyl Benzene

Concen: 106.684 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

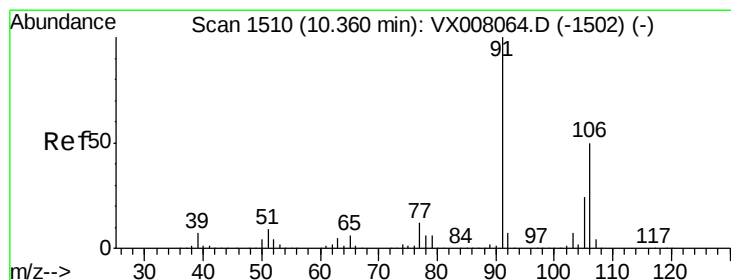
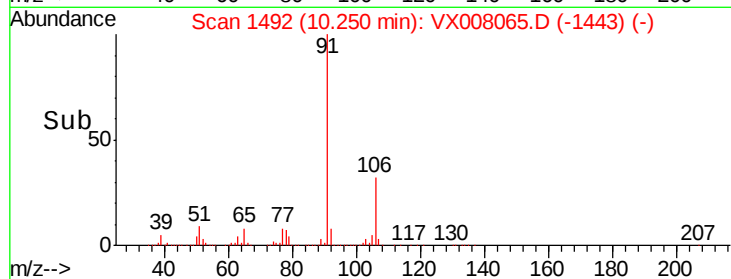
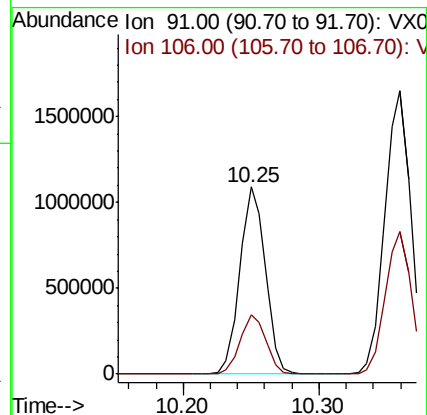
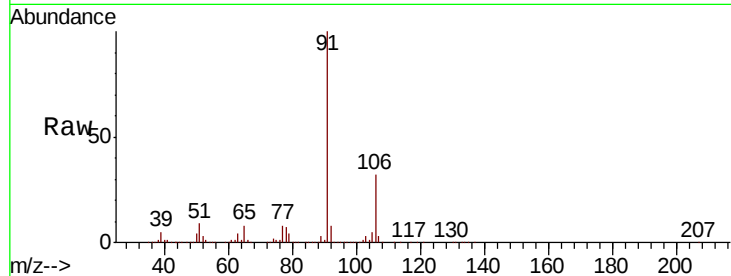
VSTDIC100

Tgt Ion: 91 Resp: 1423242

Ion Ratio Lower Upper

91 100

106 31.5 25.2 37.8



#68

m/p-Xylenes

Concen: 213.931 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008065.D

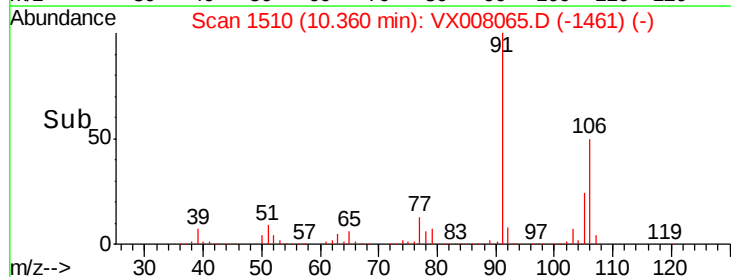
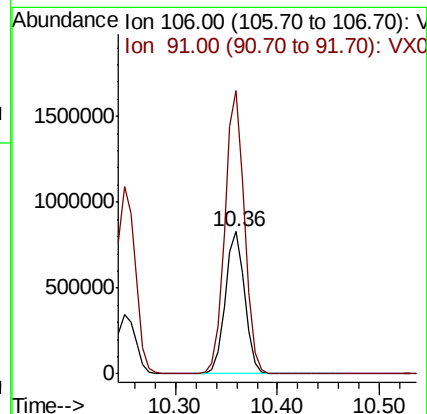
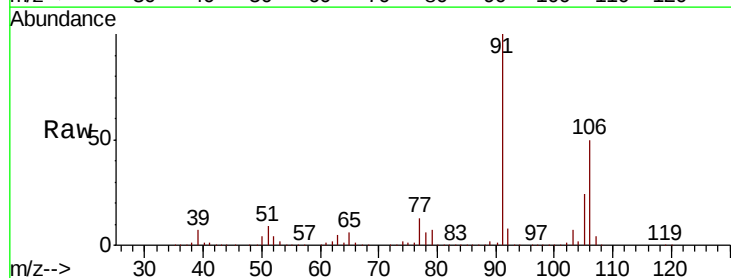
Acq: 14 Mar 2019 11:25

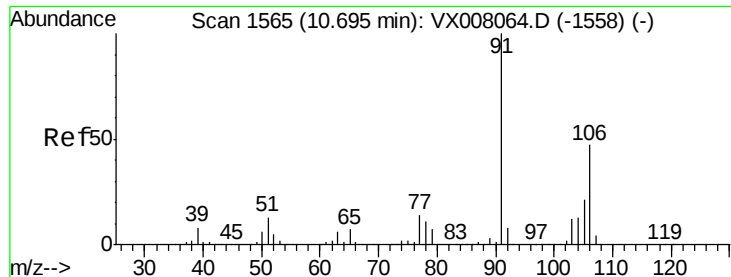
Tgt Ion: 106 Resp: 1099510

Ion Ratio Lower Upper

106 100

91 200.4 159.8 239.6

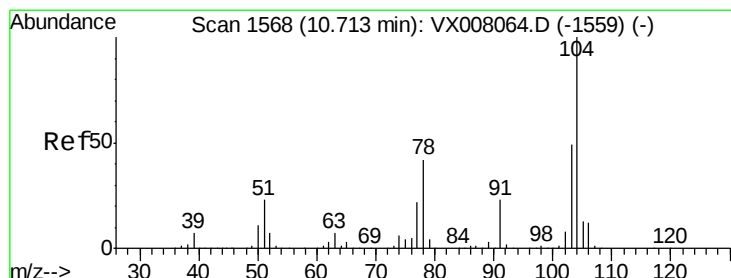
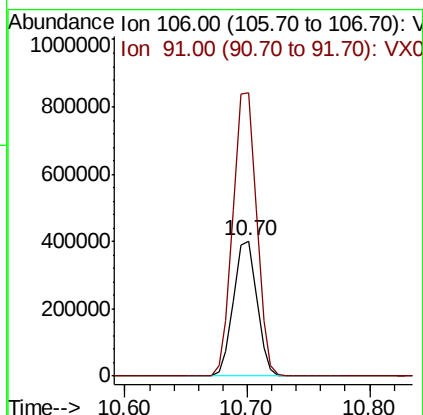
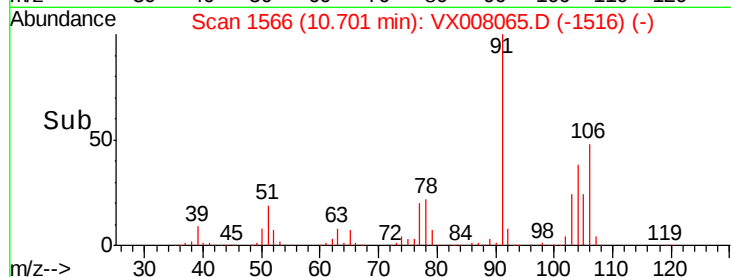
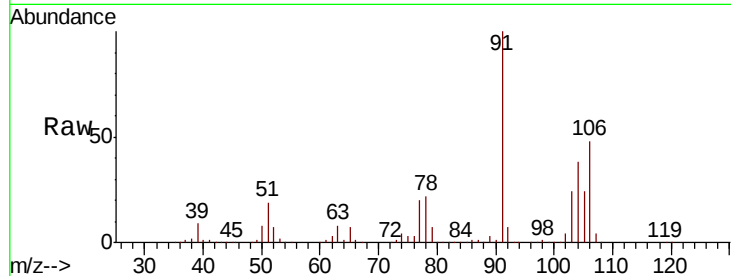




#69
o-Xylene
Concen: 106.556 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

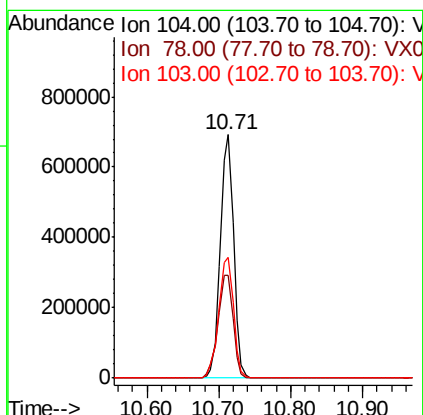
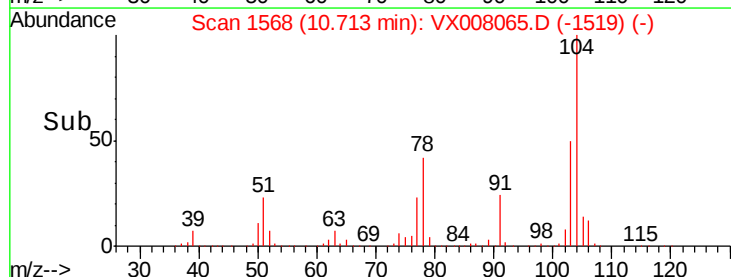
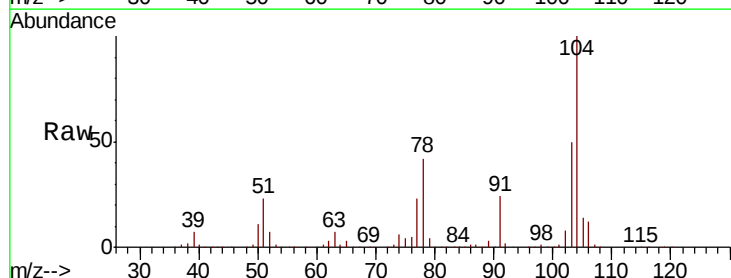
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

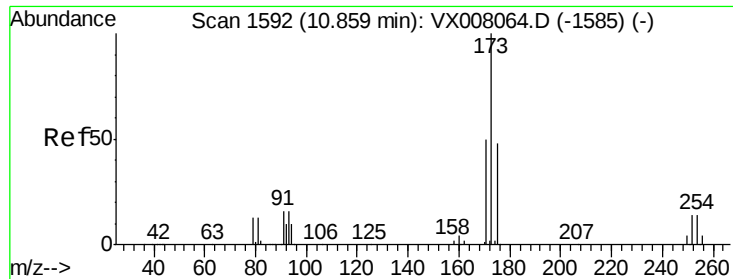
Tgt Ion:106 Resp: 532112
Ion Ratio Lower Upper
106 100
91 212.0 106.3 318.9



#70
Styrene
Concen: 107.168 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion:104 Resp: 885806
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.2 44.1 66.1

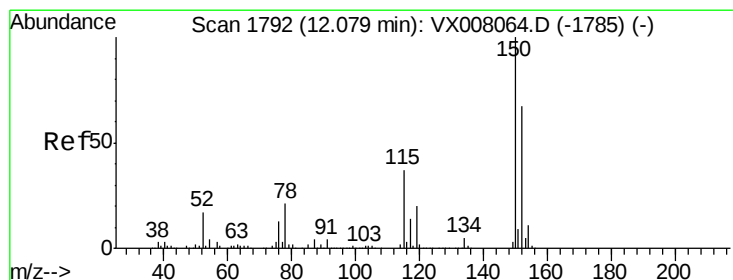
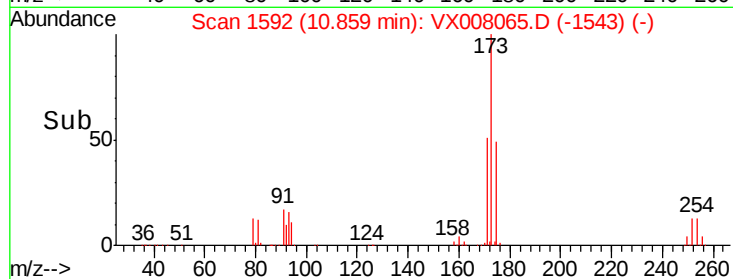
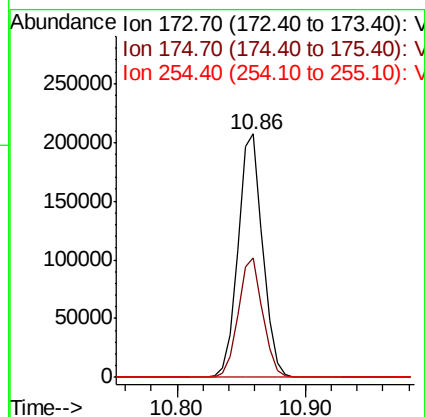
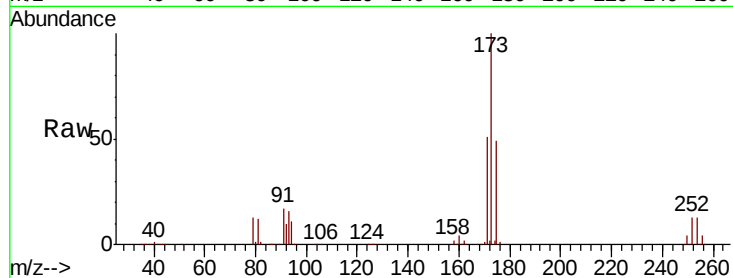




#71
Bromoform
Concen: 111.315 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

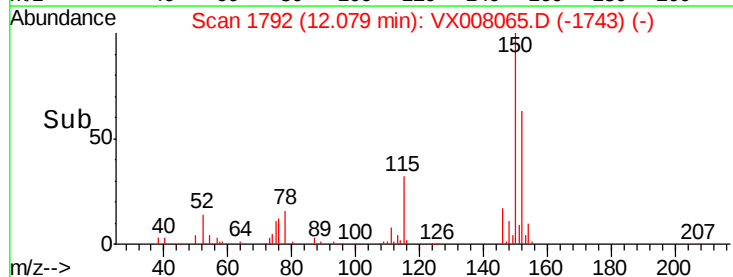
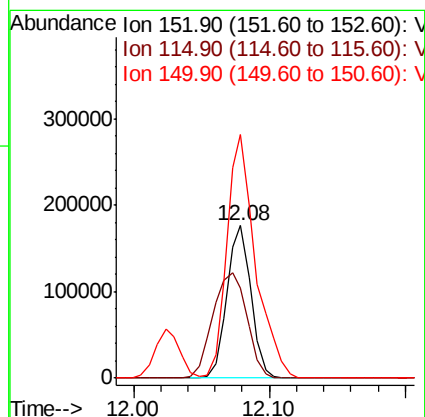
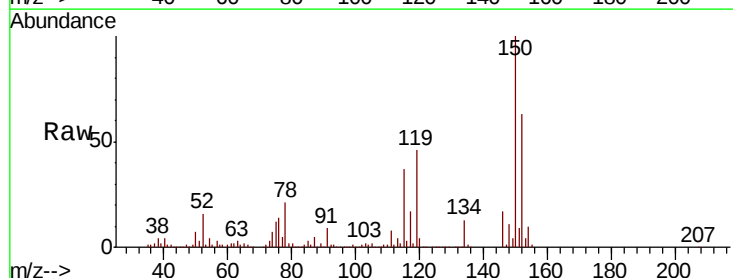
Instrument :
MSVOA_X
ClientSampled :
VSTDICC100

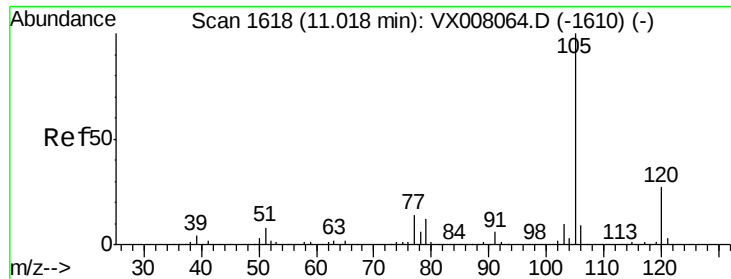
Tgt Ion:173 Resp: 273454
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.9
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion:152 Resp: 215181
Ion Ratio Lower Upper
152 100
115 98.0 38.6 115.7
150 190.1 0.0 348.4





#73

Isopropylbenzene

Concen: 103.939 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

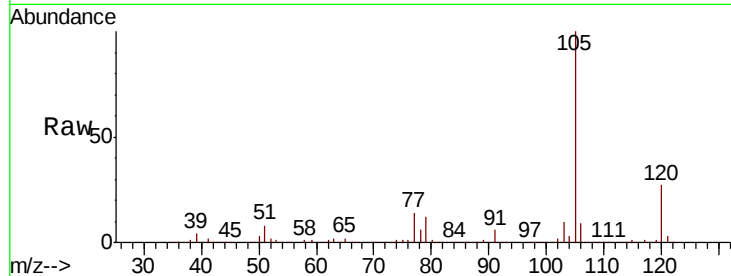
VSTDIC100

Tgt Ion:105 Resp: 1428130

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

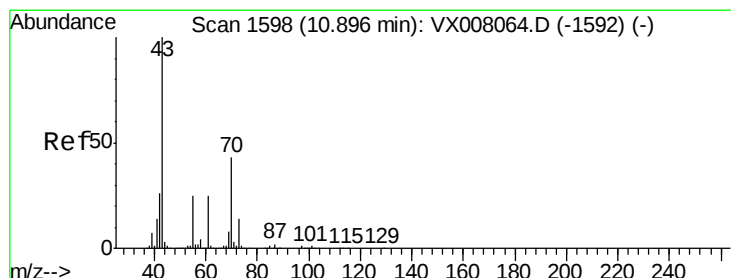
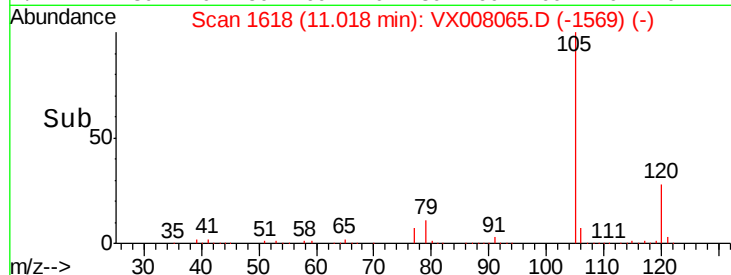
1000000

500000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 108.500 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Tgt Ion: 43 Resp: 623699

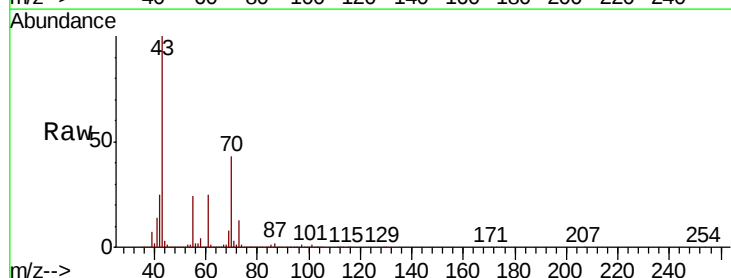
Ion Ratio Lower Upper

43 100

70 43.6 33.5 50.3

55 24.3 19.2 28.8

61 24.9 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

800000

600000

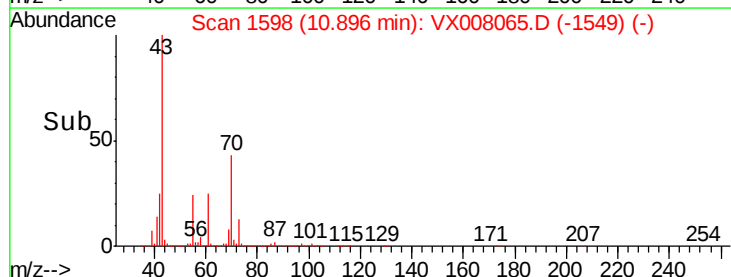
400000

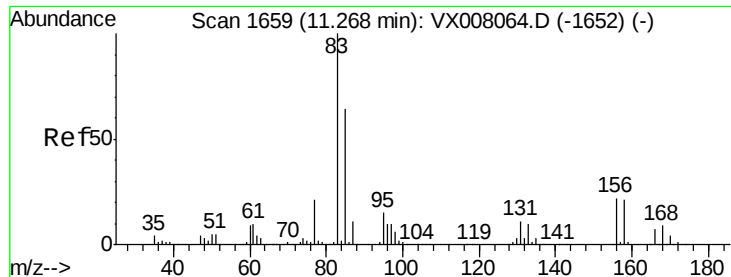
200000

0

Time-->

10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 104.927 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

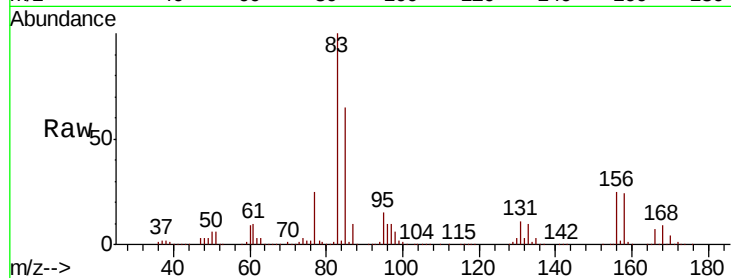
Tgt Ion: 83 Resp: 449451

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

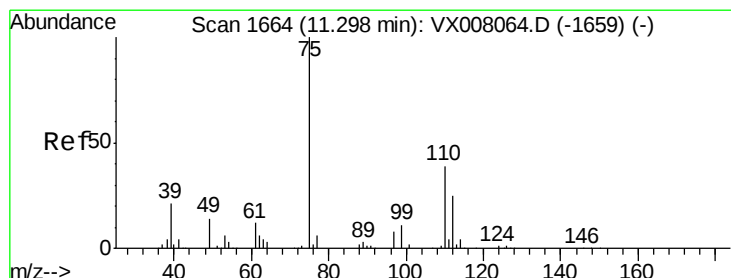
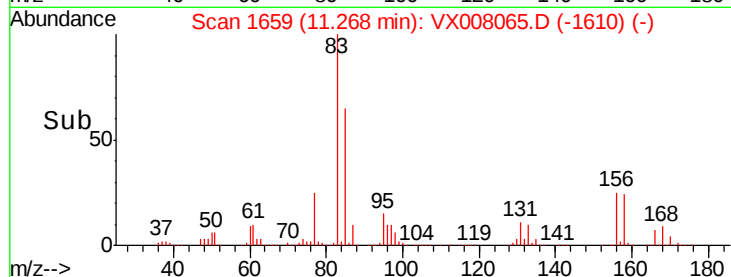
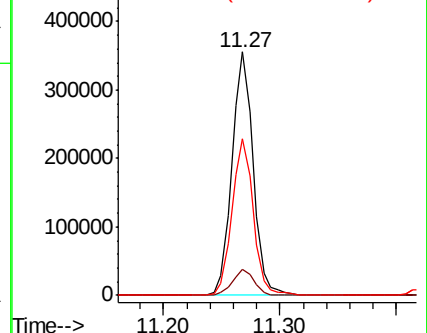
85 64.5 32.3 96.8



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: 151.632 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008065.D

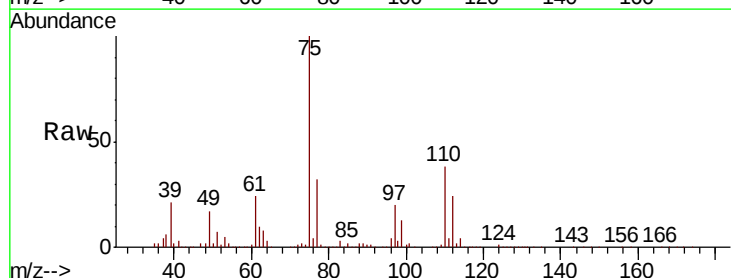
Acq: 14 Mar 2019 11:25

Tgt Ion: 75 Resp: 548911

Ion Ratio Lower Upper

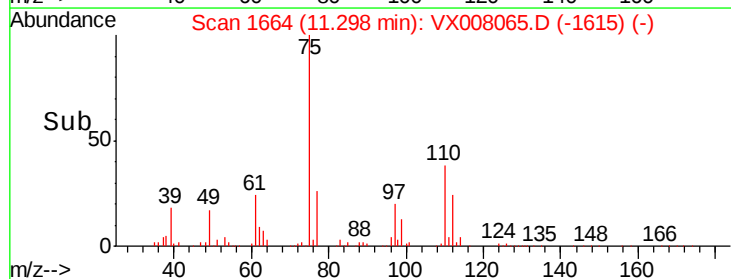
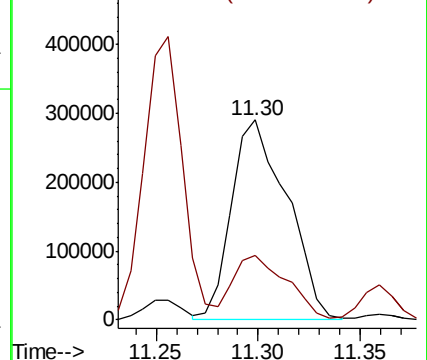
75 100

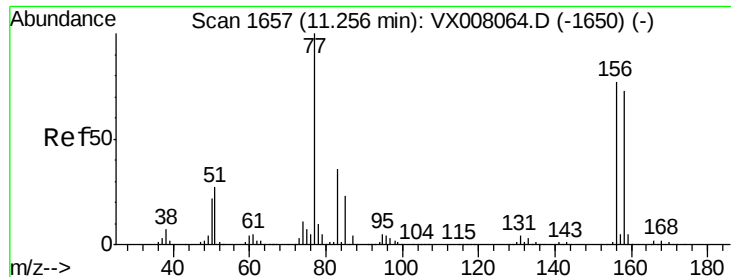
77 30.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 103.974 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

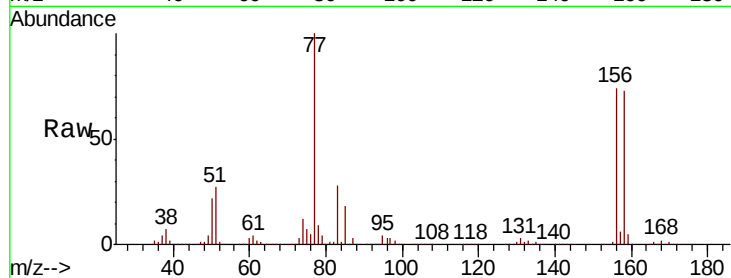
Tgt Ion:156 Resp: 381989

Ion Ratio Lower Upper

156 100

77 141.8 72.0 215.9

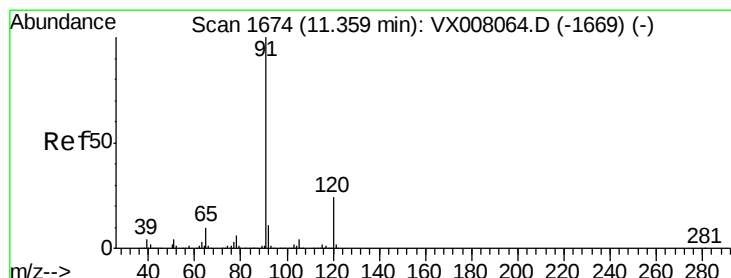
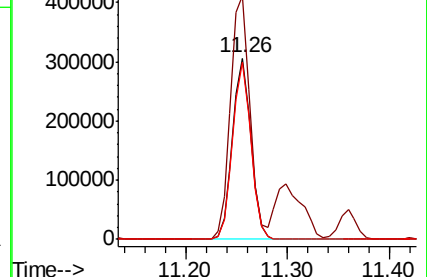
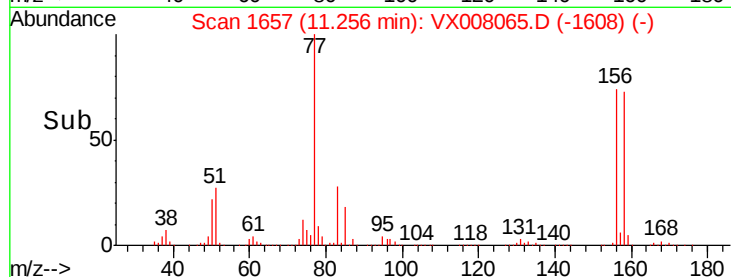
158 97.3 48.6 145.9



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: 104.163 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008065.D

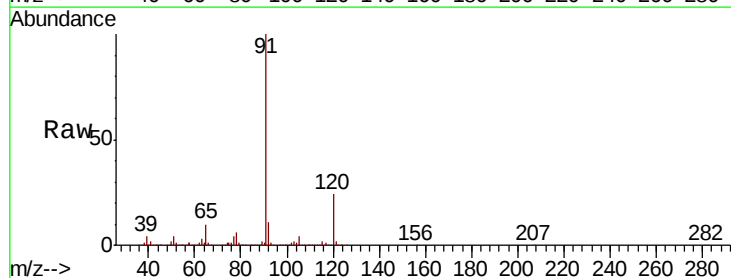
Acq: 14 Mar 2019 11:25

Tgt Ion: 91 Resp: 1600046

Ion Ratio Lower Upper

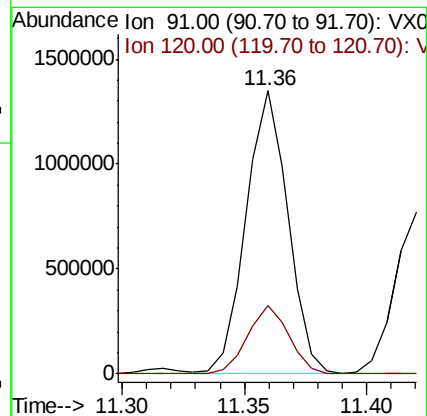
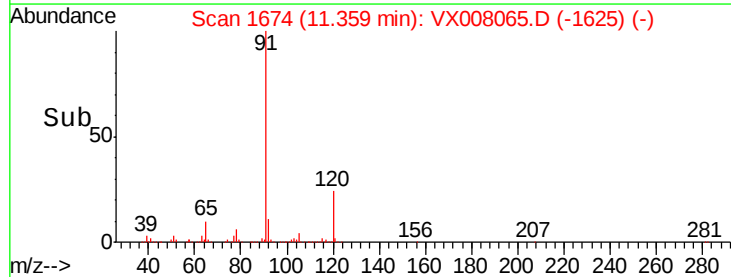
91 100

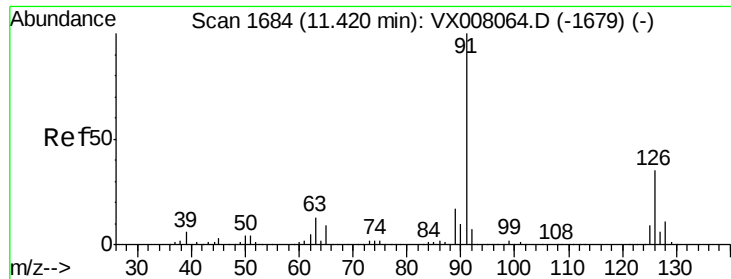
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

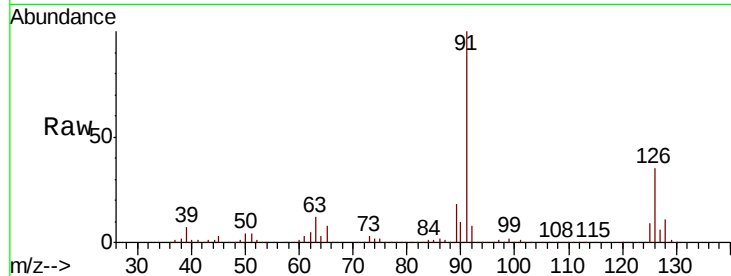




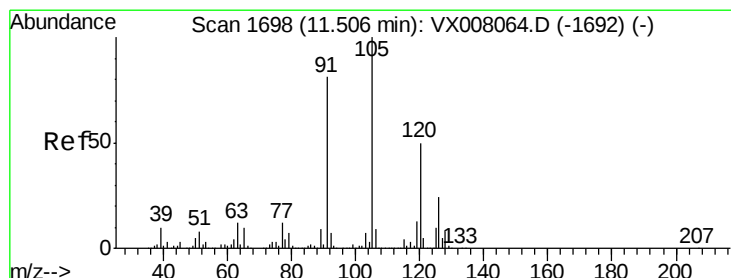
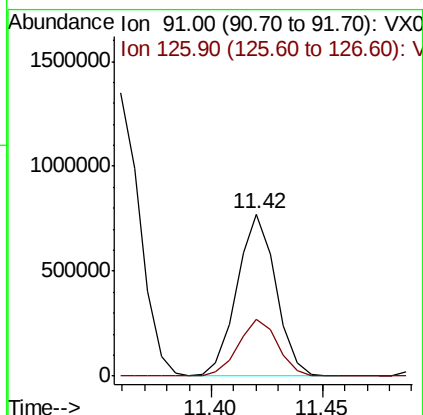
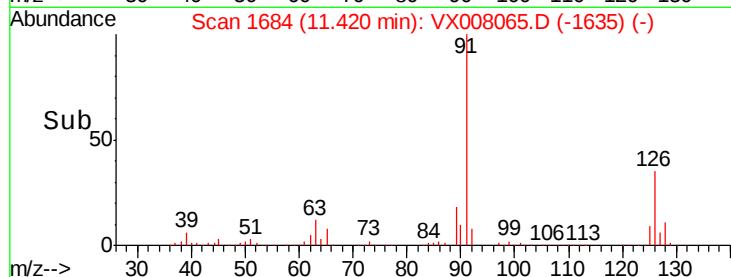
#79
 2-Chlorotoluene
 Concen: 103.423 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 938041
 Ion Ratio Lower Upper
 91 100
 126 35.6 17.5 52.6

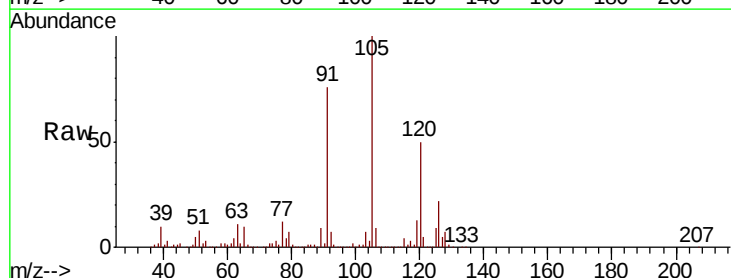


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

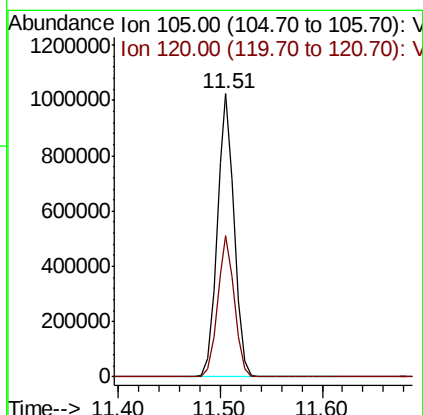
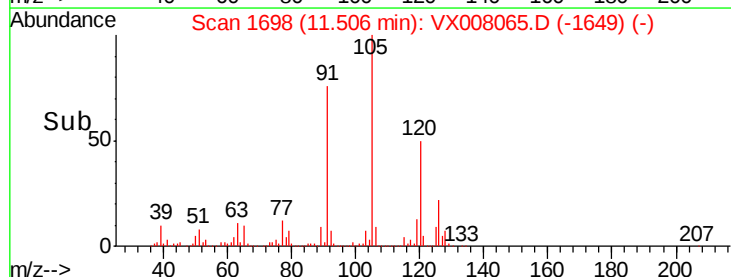


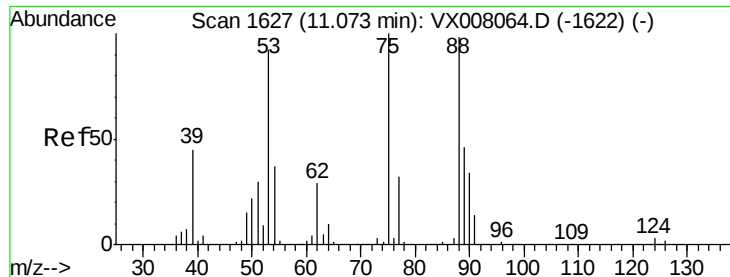
#80
 1,3,5-Trimethylbenzene
 Concen: 104.031 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Tgt Ion: 105 Resp: 1186889
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 111.935 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

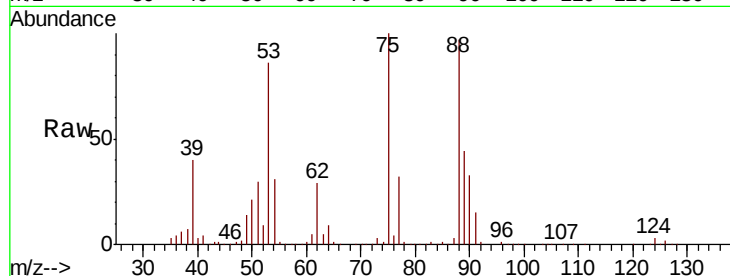
Tgt Ion: 75 Resp: 152668

Ion Ratio Lower Upper

75 100

53 87.3 76.1 114.1

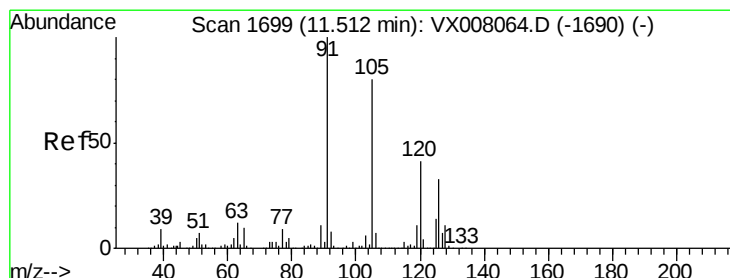
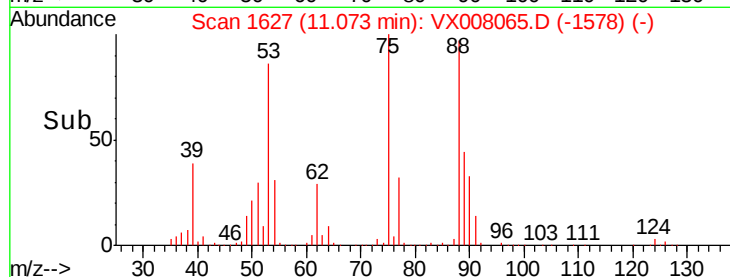
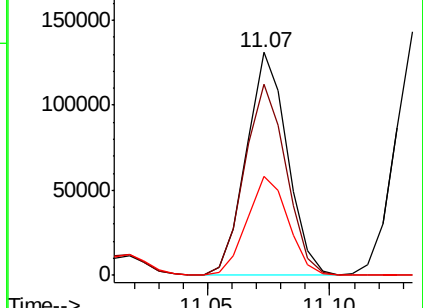
89 45.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 106.339 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008065.D

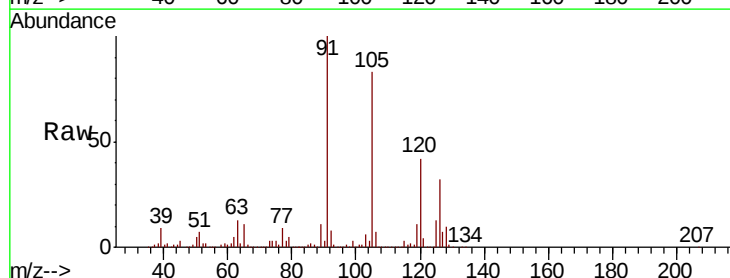
Acq: 14 Mar 2019 11:25

Tgt Ion: 91 Resp: 1099651

Ion Ratio Lower Upper

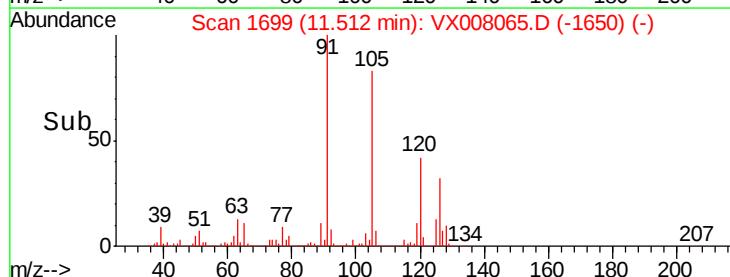
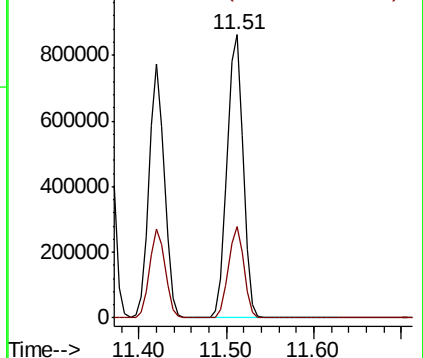
91 100

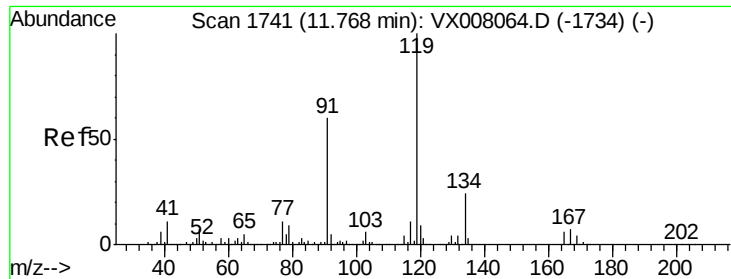
126 31.3 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

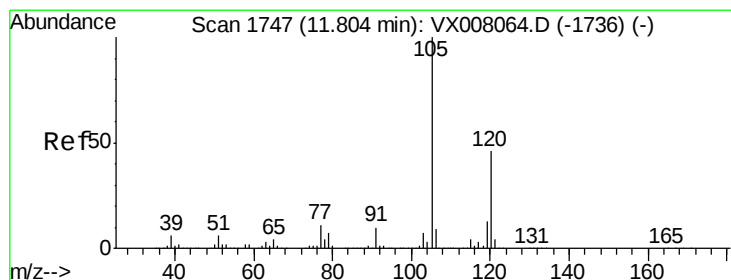
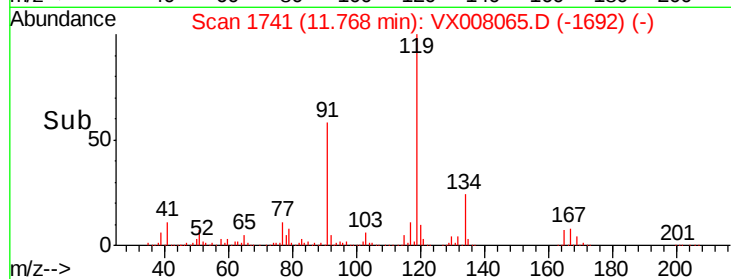
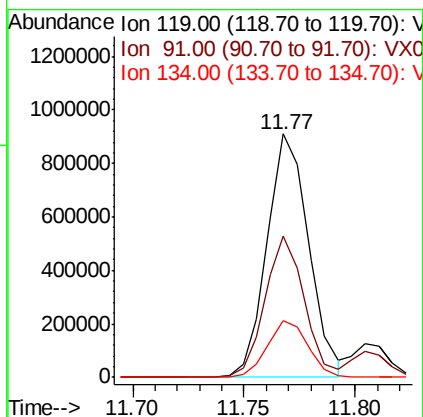
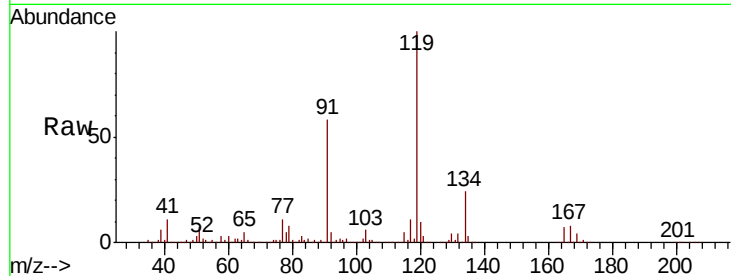




#83
 tert-Butylbenzene
 Concen: 105.952 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

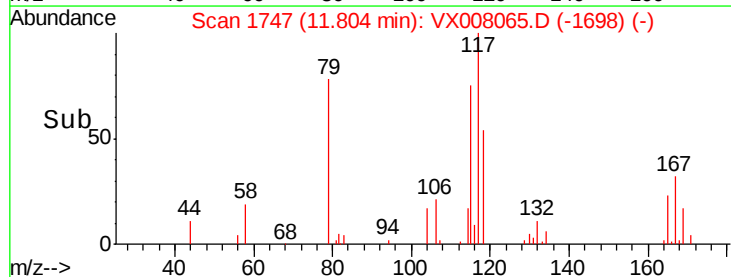
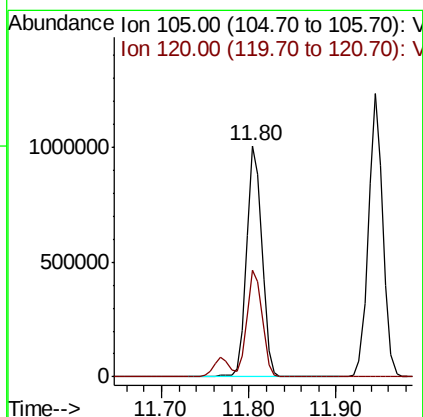
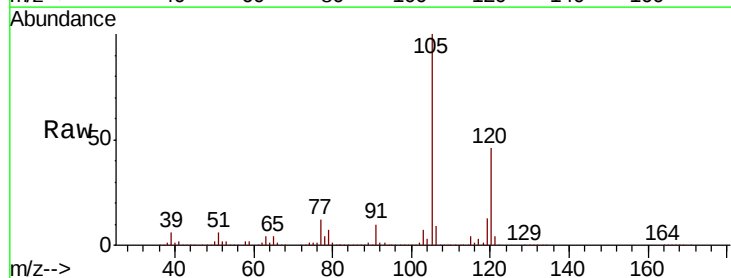
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

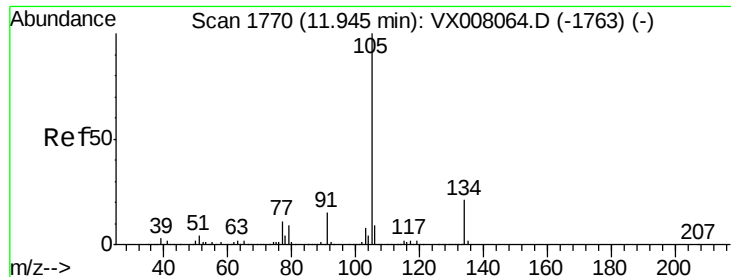
Tgt Ion:119 Resp: 1184771
 Ion Ratio Lower Upper
 119 100
 91 54.6 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 103.957 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Tgt Ion:105 Resp: 1219464
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.6 67.7





#85

sec-Butylbenzene

Concen: 104.580 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampled :

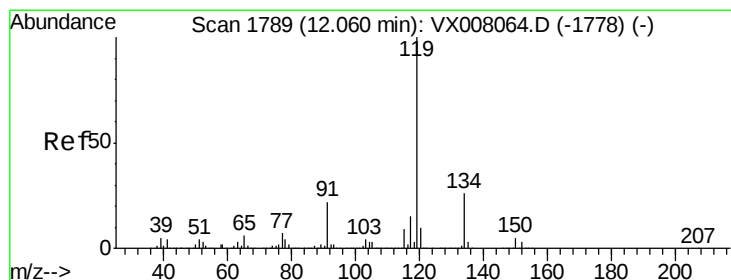
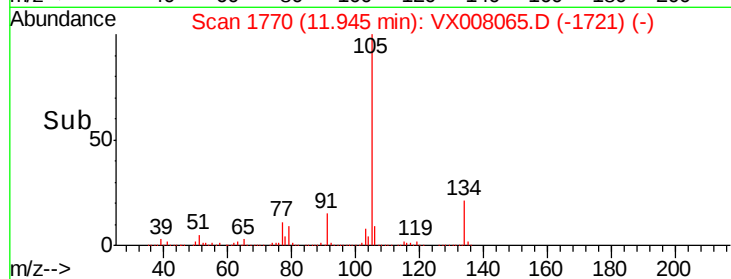
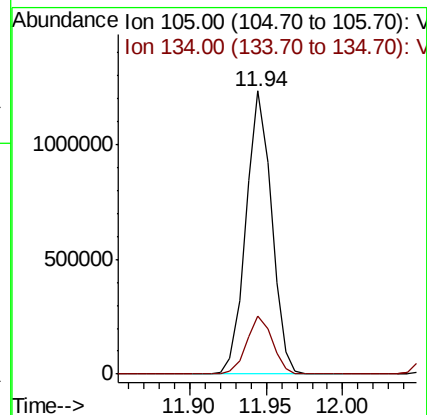
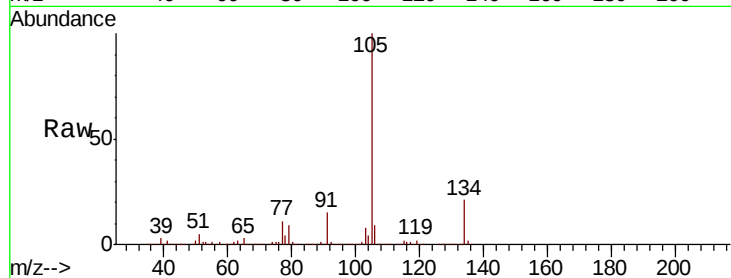
VSTDICC100

Tgt Ion:105 Resp: 1429804

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2



#86

p-Isopropyltoluene

Concen: 104.692 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

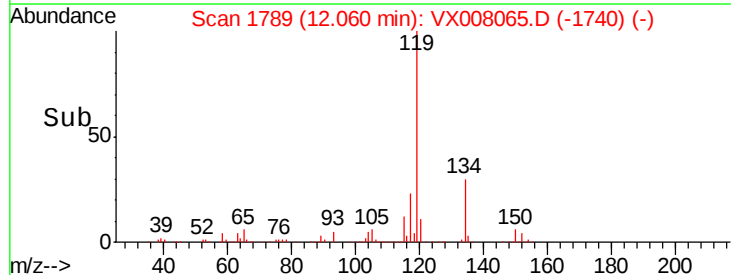
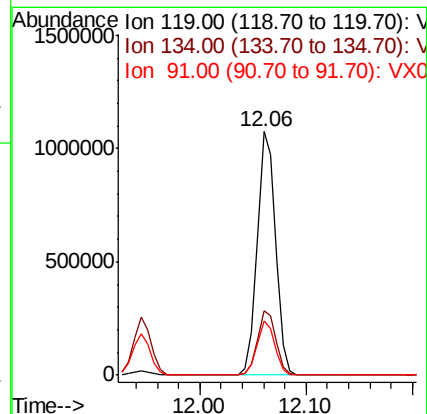
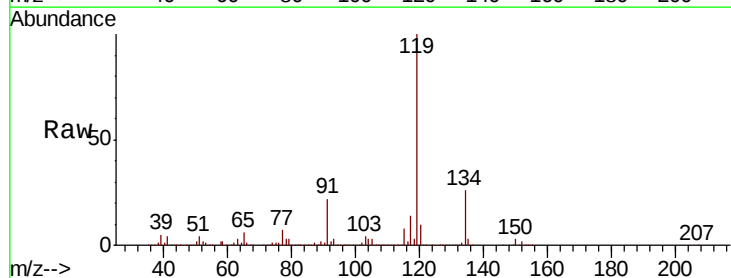
Tgt Ion:119 Resp: 1298010

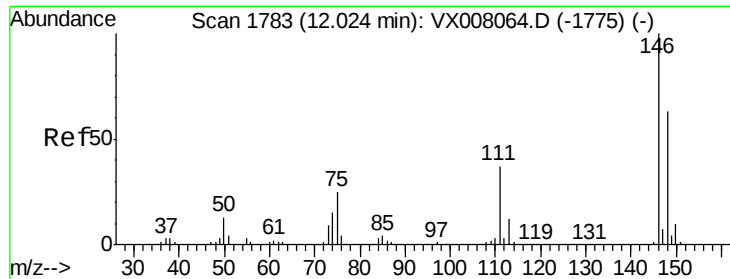
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

91 21.6 10.9 32.7

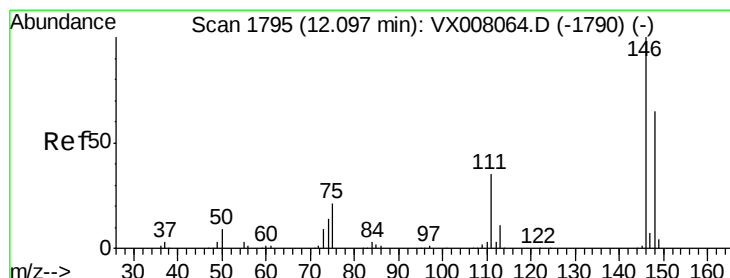
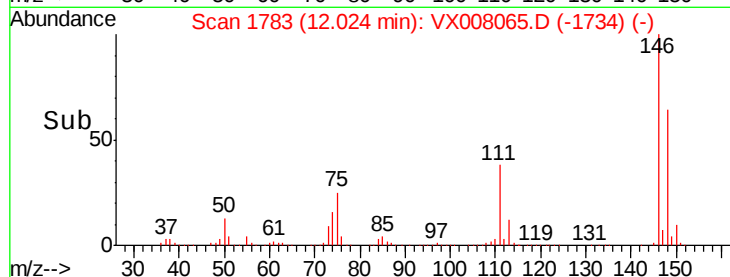
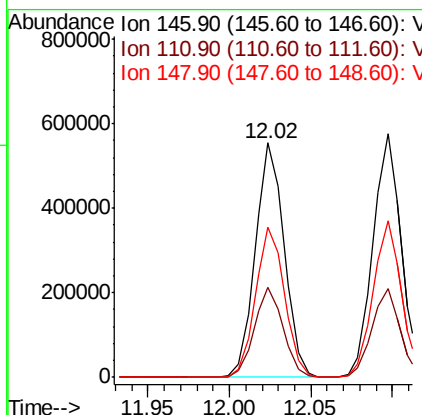
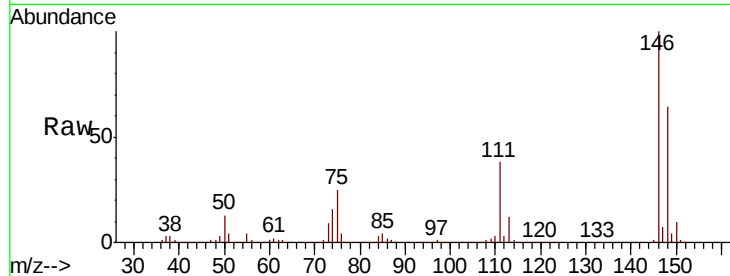




#87
 1,3-Dichlorobenzene
 Concen: 105.185 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

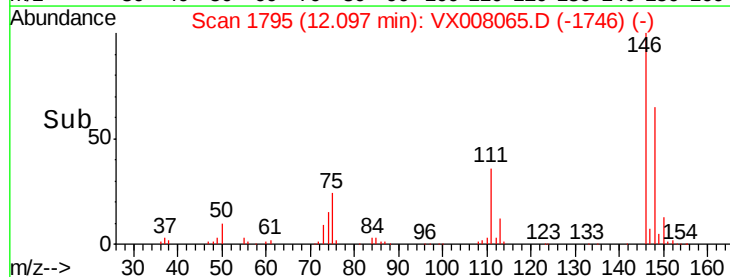
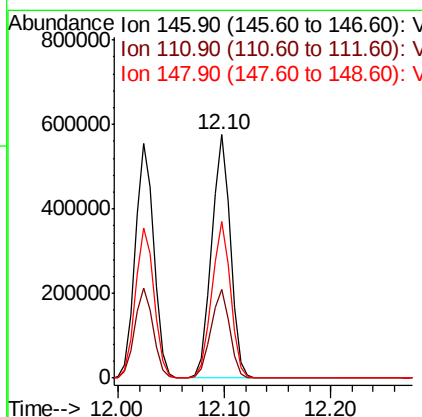
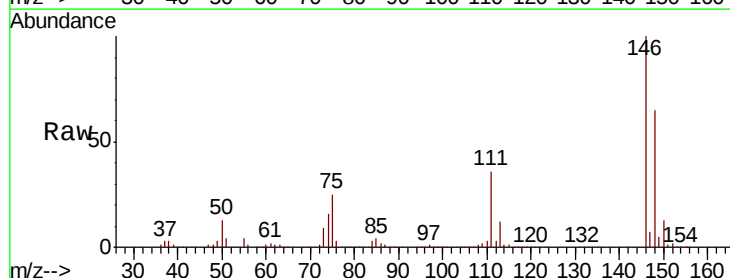
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

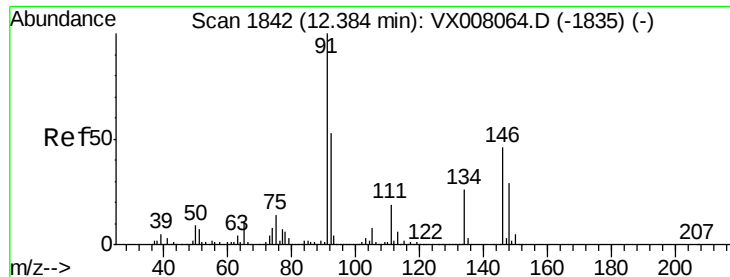
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.7
148	64.1	31.7	95.1



#88
 1,4-Dichlorobenzene
 Concen: 106.925 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.4	55.0
148	64.2	32.2	96.6

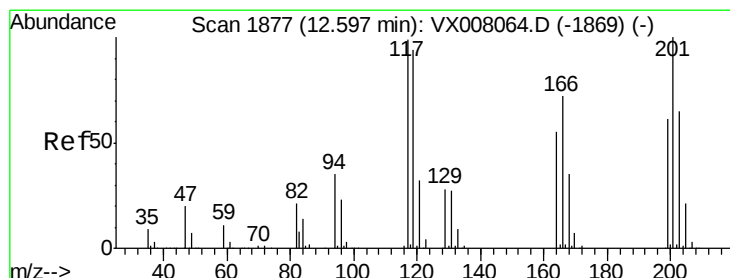
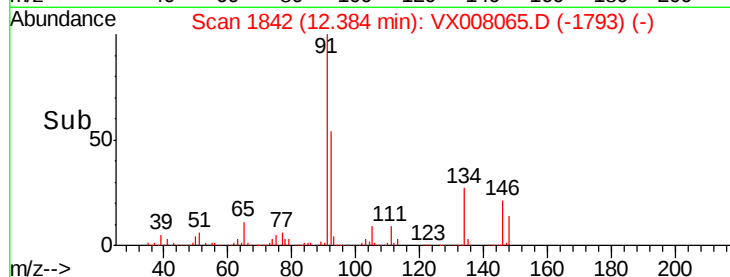
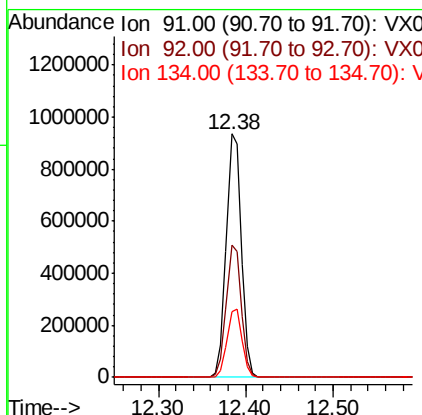
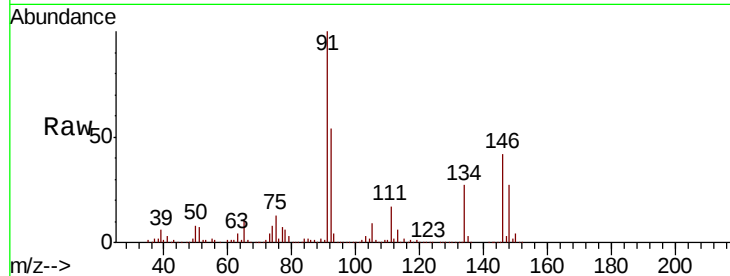




#89
n-Butylbenzene
Concen: 107.685 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

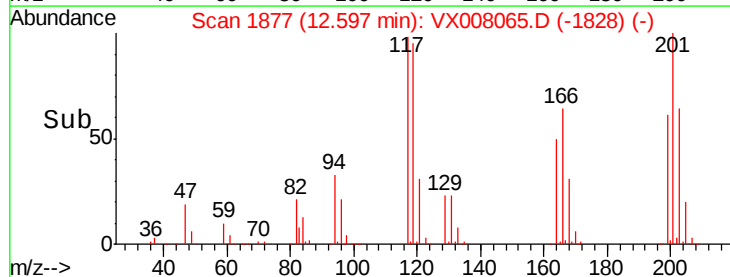
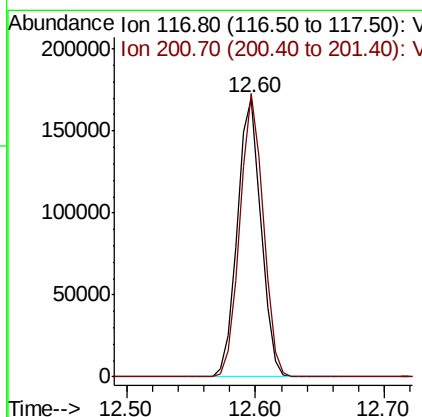
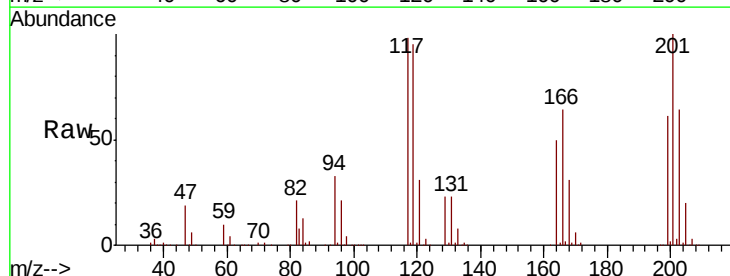
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

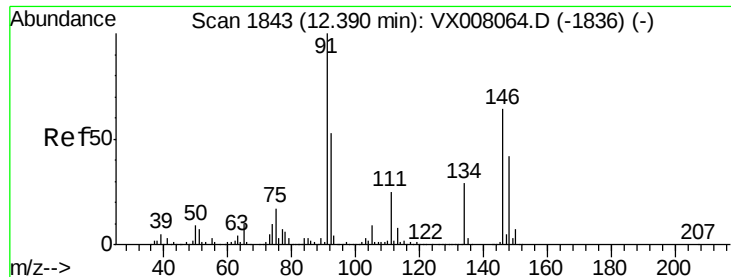
Tgt Ion: 91 Resp: 1113689
Ion Ratio Lower Upper
91 100
92 53.8 27.0 80.8
134 28.0 13.7 41.0



#90
Hexachloroethane
Concen: 108.998 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion: 117 Resp: 217124
Ion Ratio Lower Upper
117 100
201 99.5 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 107.064 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

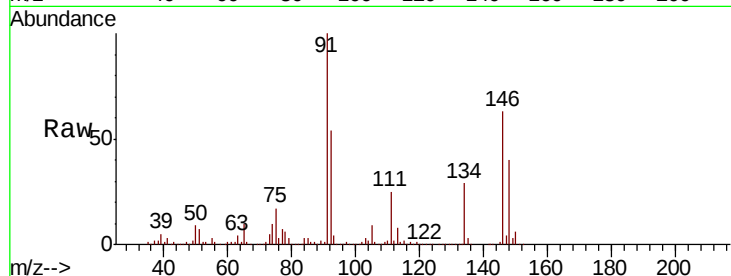
Tgt Ion:146 Resp: 682339

Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.8

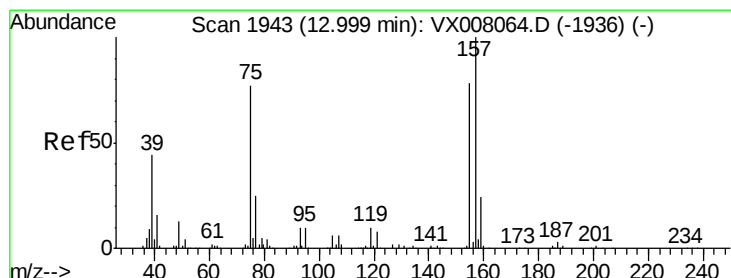
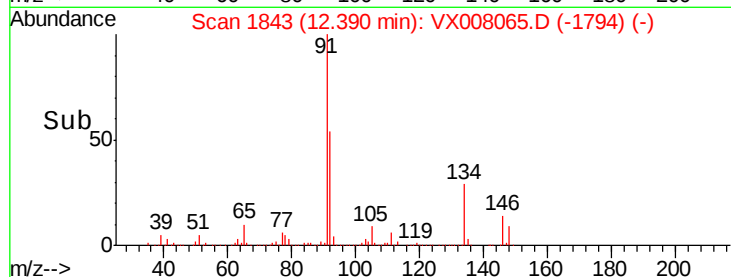
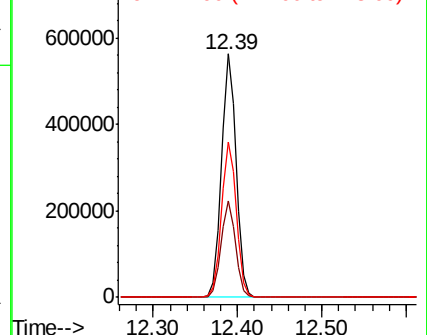
148 64.3 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.723 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008065.D

Acq: 14 Mar 2019 11:25

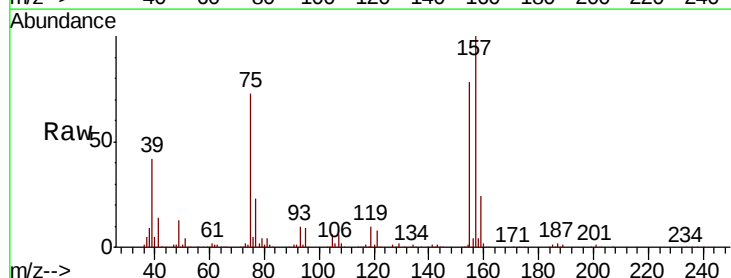
Tgt Ion: 75 Resp: 101894

Ion Ratio Lower Upper

75 100

155 104.5 49.7 149.1

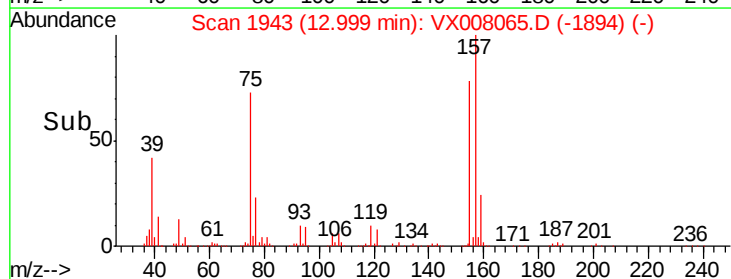
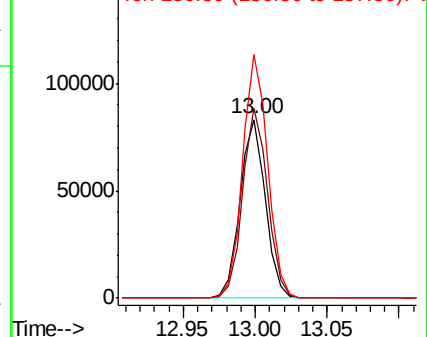
157 134.8 63.8 191.4

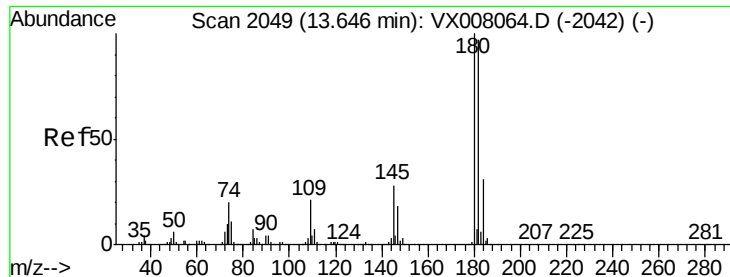


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

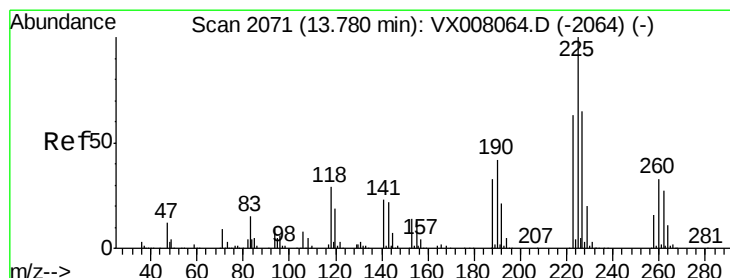
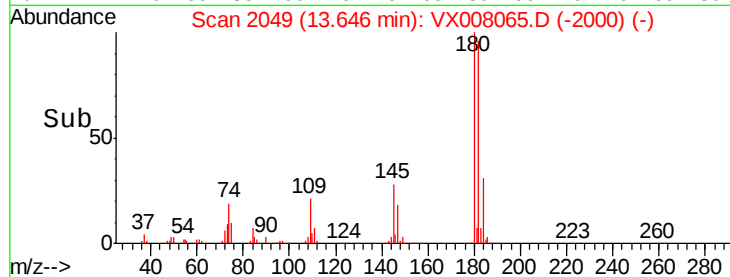
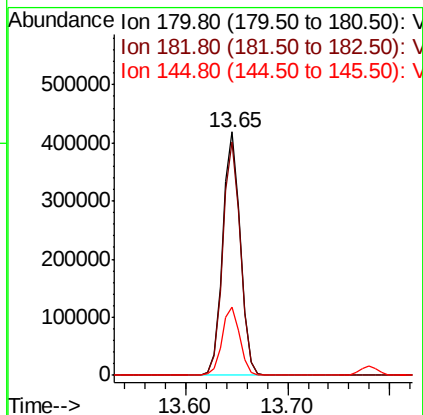
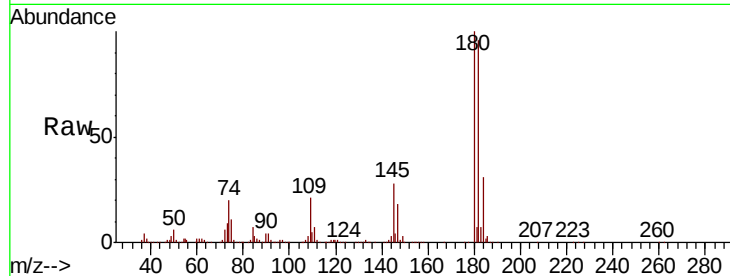




#93
 1,2,4-Trichlorobenzene
 Concen: 109.766 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

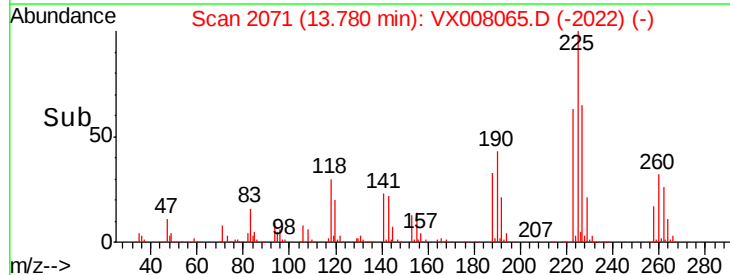
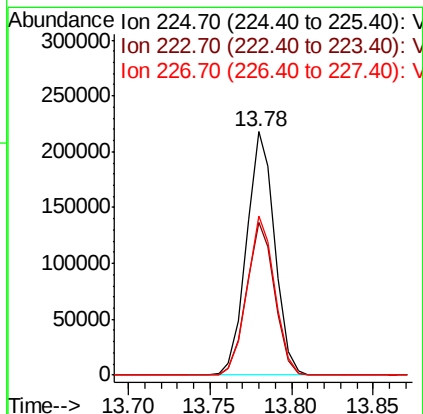
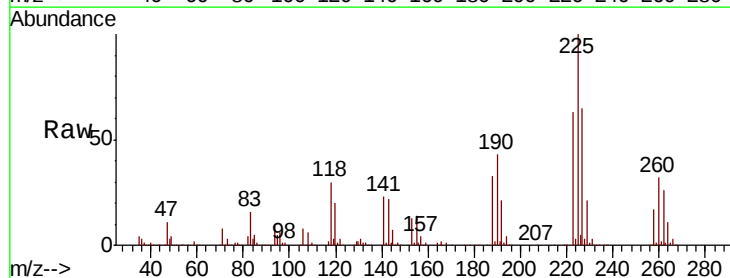
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

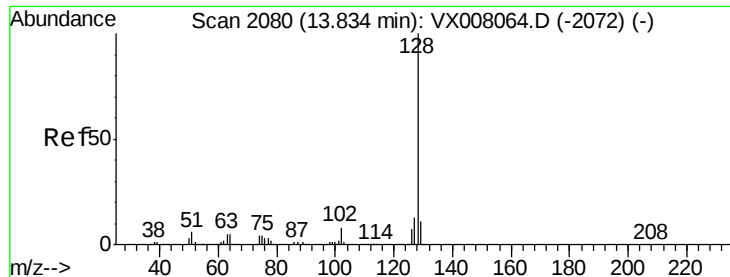
Tgt Ion:180 Resp: 503029
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.9 143.7
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 104.919 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008065.D
 Acq: 14 Mar 2019 11:25

Tgt Ion:225 Resp: 262082
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.1 93.2
 227 64.3 32.0 96.0

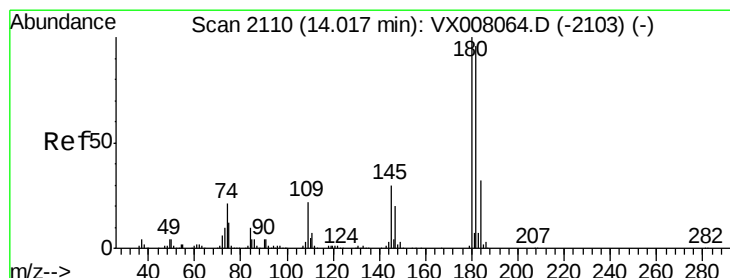
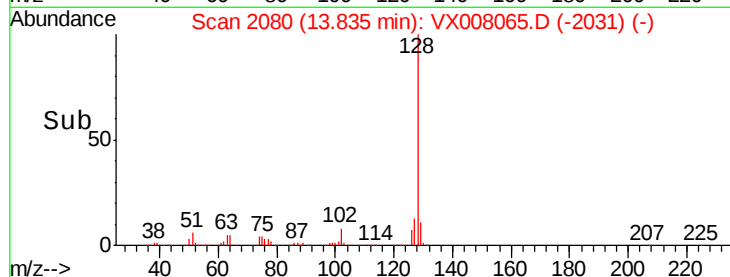
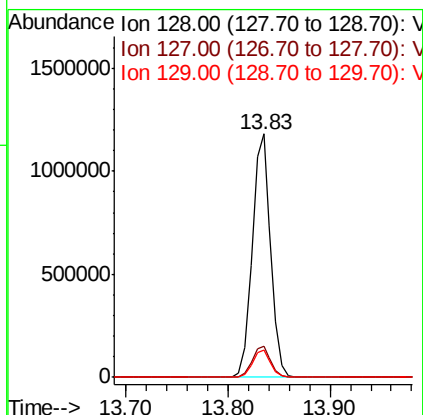
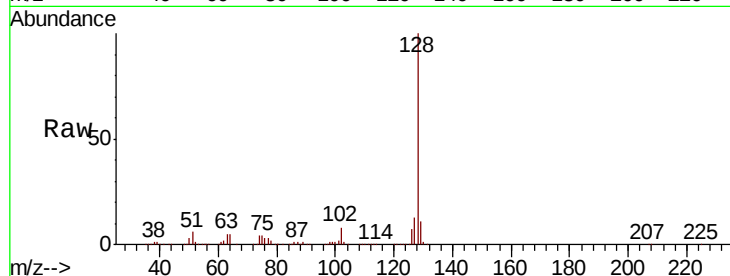




#95
Naphthalene
Concen: 108.897 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1476652
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 108.929 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008065.D
Acq: 14 Mar 2019 11:25

Tgt Ion:180 Resp: 497692
Ion Ratio Lower Upper
180 100
182 96.0 47.5 142.5
145 29.9 14.8 44.3

