

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004049.D
 Acq On : 15 Aug 2018 01:15
 Operator : JC/MD
 Sample : VX0814WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

Quant Time: Aug 15 09:39:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	450452	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	415768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	258327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	218479	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
35) Dibromofluoromethane	5.50	113	179353	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
50) Toluene-d8	8.72	98	697048	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.14	95	252190	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59449	20.345	ug/l	99
3) Chloromethane	1.32	50	68459	19.091	ug/l	100
4) Vinyl Chloride	1.40	62	75631	19.493	ug/l	98
5) Bromomethane	1.64	94	45123	22.853	ug/l	100
6) Chloroethane	1.73	64	53022	19.698	ug/l	97
7) Trichlorofluoromethane	1.93	101	106078	19.490	ug/l	98
8) Diethyl Ether	2.18	74	46401	19.528	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	64796	19.084	ug/l	99
10) Methyl Iodide	2.51	142	63695	20.815	ug/l	100
11) Tert butyl alcohol	3.04	59	86227	101.241	ug/l	98
12) 1,1-Dichloroethene	2.38	96	61359	19.430	ug/l	97
13) Acrolein	2.29	56	54449	101.050	ug/l	100
14) Allyl chloride	2.73	41	111860	18.616	ug/l	97
15) Acrylonitrile	3.14	53	219749	103.483	ug/l	99
16) Acetone	2.43	43	217705	99.003	ug/l	100
17) Carbon Disulfide	2.57	76	168295	18.789	ug/l	99
18) Methyl Acetate	2.77	43	94742	19.388	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	228599	20.547	ug/l	99
20) Methylene Chloride	2.86	84	74673	20.417	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	71027	19.805	ug/l	95
22) Diisopropyl ether	3.87	45	243995	20.723	ug/l	97
23) Vinyl Acetate	3.82	43	1016668	105.130	ug/l	98
24) 1,1-Dichloroethane	3.70	63	136644	20.489	ug/l	100
25) 2-Butanone	4.70	43	346296	96.788	ug/l	100
26) 2,2-Dichloropropane	4.59	77	72697	13.711	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	77793	19.290	ug/l	98
28) Bromochloromethane	5.02	49	64404	21.049	ug/l	99
29) Tetrahydrofuran	5.15	42	177978	97.363	ug/l	98
30) Chloroform	5.21	83	132079	20.293	ug/l	98
31) Cyclohexane	5.57	56	109495	18.729	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	112517	20.687	ug/l	98
36) 1,1-Dichloropropene	5.80	75	97406	19.003	ug/l	100
37) Ethyl Acetate	4.85	43	106326	19.048	ug/l	99
38) Carbon Tetrachloride	5.79	117	94497	18.975	ug/l	97

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 Operator : JC/MD
 Sample : VX0814WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
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Quant Time: Aug 15 09:39:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	106585	18.329	ug/l	98
40) Benzene	6.14	78	303510	19.719	ug/l	100
41) Methacrylonitrile	5.06	41	58685	18.772	ug/l	99
42) 1,2-Dichloroethane	6.20	62	106114	19.696	ug/l	100
43) Isopropyl Acetate	6.46	43	156771	19.054	ug/l	99
44) Trichloroethene	7.21	130	78855	18.872	ug/l	94
45) 1,2-Dichloropropane	7.52	63	77444	19.655	ug/l	100
46) Dibromomethane	7.67	93	50327	19.545	ug/l	99
47) Bromodichloromethane	7.90	83	95377	19.557	ug/l	98
48) Methyl methacrylate	7.78	41	80768	19.501	ug/l	98
49) 1,4-Dioxane	7.76	88	37781	405.164	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	684225	101.422	ug/l	99
52) Toluene	8.79	92	192096	19.734	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	96742	18.363	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	108275	18.558	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	77985	19.400	ug/l	98
56) Ethyl methacrylate	9.18	69	104204	19.063	ug/l	98
57) 1,3-Dichloropropane	9.37	76	131201	19.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	285173	102.452	ug/l	99
59) 2-Hexanone	9.50	43	516871	101.800	ug/l	98
60) Dibromochloromethane	9.59	129	73989	19.127	ug/l	99
61) 1,2-Dibromoethane	9.67	107	80940	19.752	ug/l	100
64) Tetrachloroethene	9.34	164	80687	20.476	ug/l	97
65) Chlorobenzene	10.14	112	213754	19.903	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	71051	19.397	ug/l	98
67) Ethyl Benzene	10.26	91	340203	20.004	ug/l	96
68) m/p-Xylenes	10.36	106	276948	41.586	ug/l	94
69) o-Xylene	10.70	106	129324	20.320	ug/l	98
70) Styrene	10.71	104	217803	20.334	ug/l	97
71) Bromoform	10.86	173	54966	18.923	ug/l #	99
73) Isopropylbenzene	11.02	105	356897	20.415	ug/l	97
74) N-amyl acetate	6.46	43	156771	19.066	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	120982	19.817	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	128784	24.859	ug/l	84
77) Bromobenzene	11.26	156	96366	19.997	ug/l	98
78) n-propylbenzene	11.36	91	394776	20.179	ug/l	99
79) 2-Chlorotoluene	11.42	91	244045	20.469	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	293752	20.522	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27866	16.651	ug/l	94
82) 4-Chlorotoluene	11.51	91	288263	20.454	ug/l	100
83) tert-Butylbenzene	11.77	119	286501	19.851	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	307843	20.765	ug/l	99
85) sec-Butylbenzene	11.94	105	343994	20.365	ug/l	100
86) p-Isopropyltoluene	12.07	119	309723	20.254	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174480	18.983	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	178992	18.922	ug/l	99
89) n-Butylbenzene	12.39	91	238290	19.775	ug/l	99
90) Hexachloroethane	12.60	117	41168	17.992	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	164856	19.888	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	20105	18.738	ug/l	97

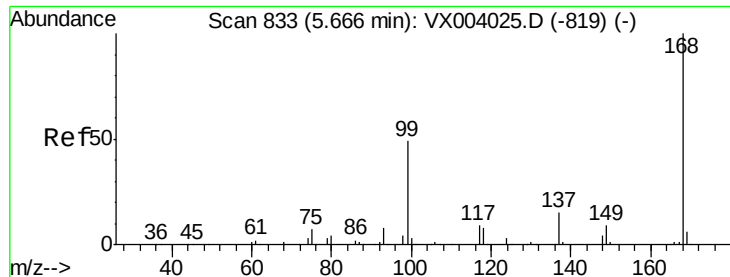
Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
Data File : VX004049.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Quant Time: Aug 15 09:39:35 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106297	18.760	ug/l	98
94) Hexachlorobutadiene	13.79	225	50614	17.820	ug/l	99
95) Naphthalene	13.83	128	336317	19.338	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	118063	19.108	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

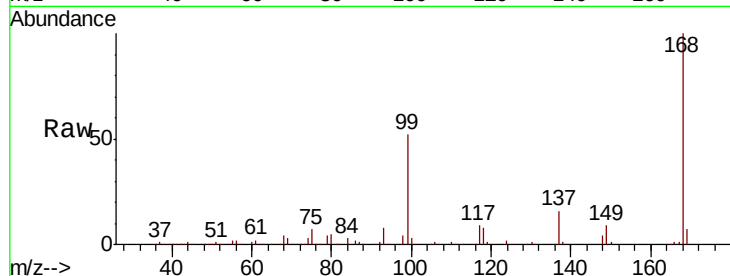
VX0814WBSD02

Tgt Ion:168 Resp: 300183

Ion Ratio Lower Upper

168 100

99 52.1 40.1 60.1



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

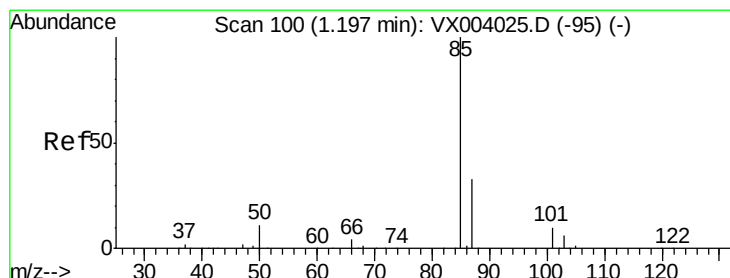
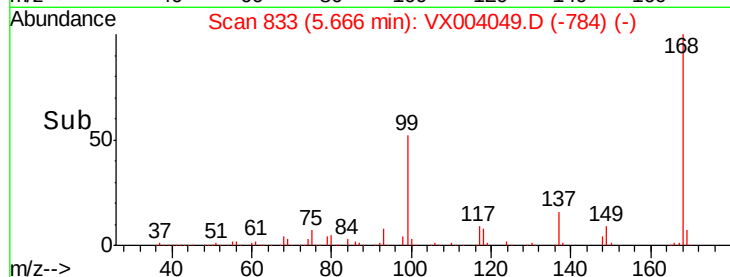
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.345 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004049.D

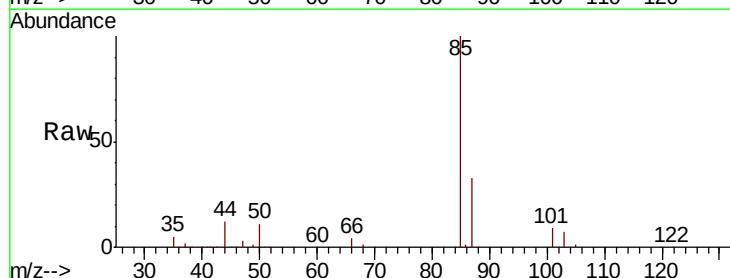
Acq: 15 Aug 2018 01:15

Tgt Ion: 85 Resp: 59449

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

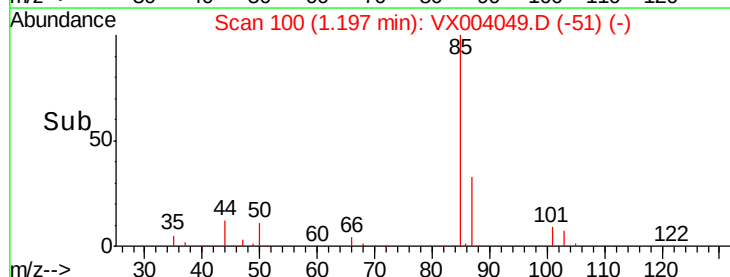
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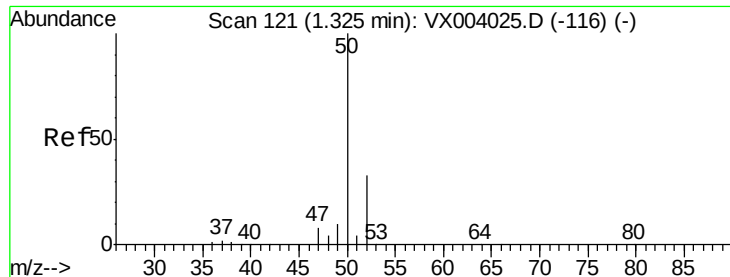
20000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.091 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

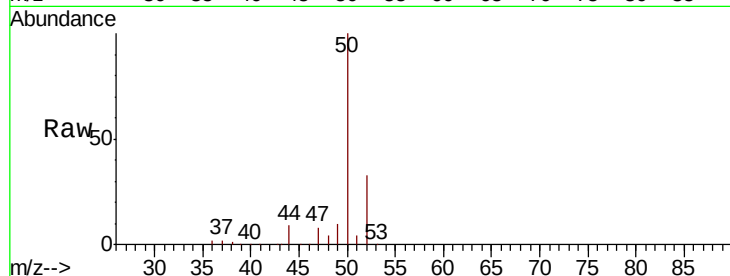
VX0814WBSD02

Tgt Ion: 50 Resp: 68459

Ion Ratio Lower Upper

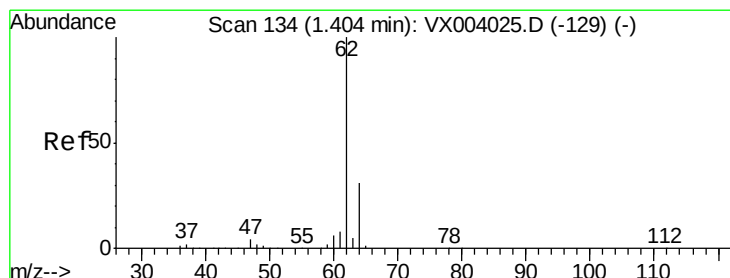
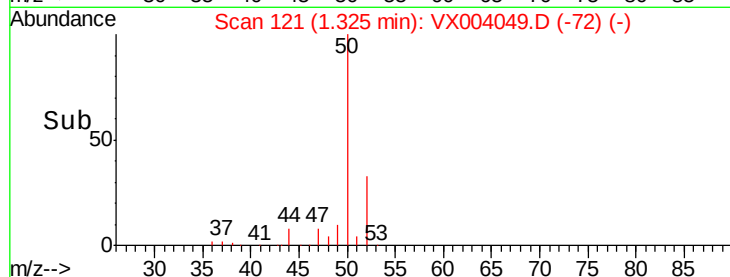
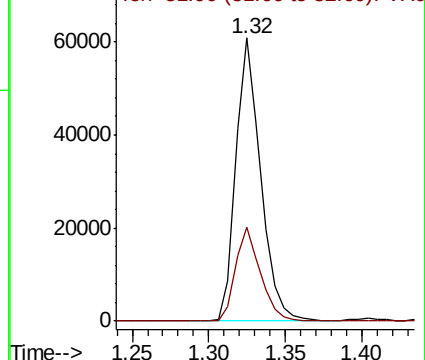
50 100

52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.493 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004049.D

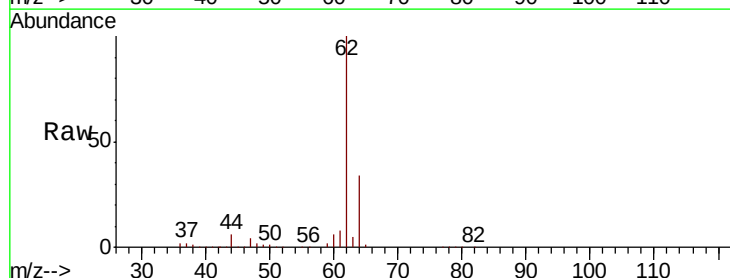
Acq: 15 Aug 2018 01:15

Tgt Ion: 62 Resp: 75631

Ion Ratio Lower Upper

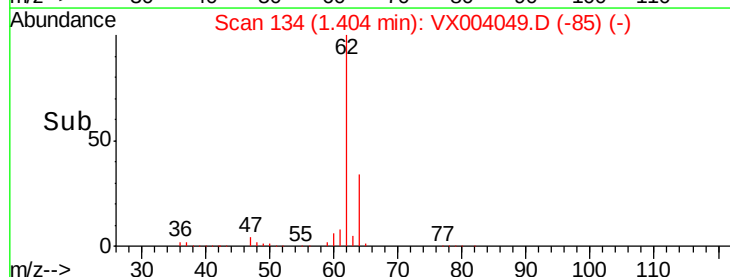
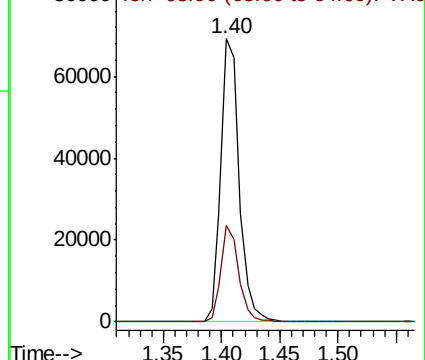
62 100

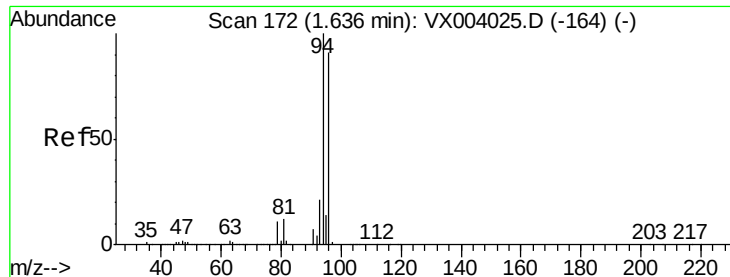
64 33.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 22.853 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

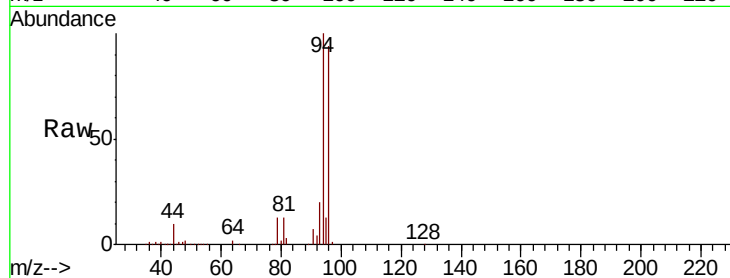
VX0814WBSD02

Tgt Ion: 94 Resp: 45123

Ion Ratio Lower Upper

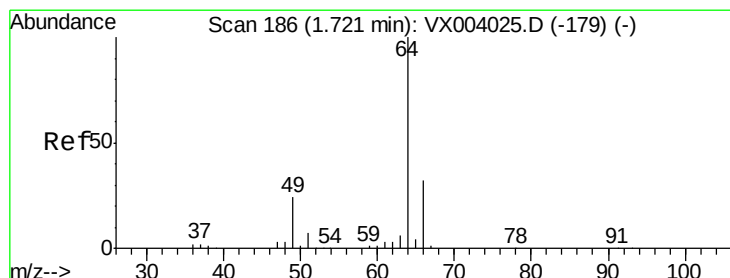
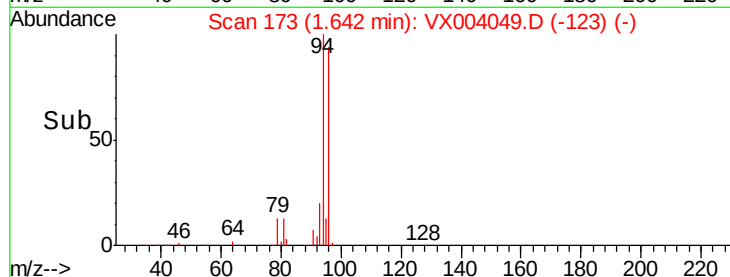
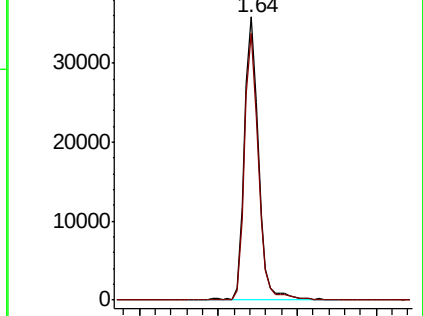
94 100

96 94.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.698 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004049.D

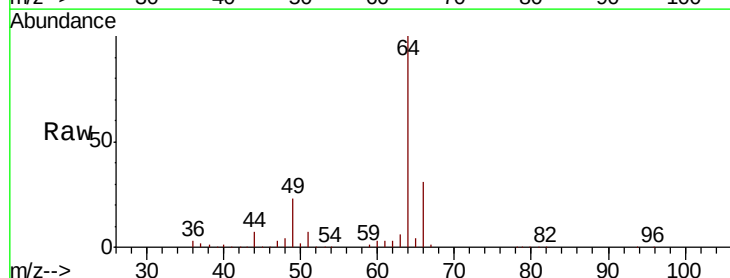
Acq: 15 Aug 2018 01:15

Tgt Ion: 64 Resp: 53022

Ion Ratio Lower Upper

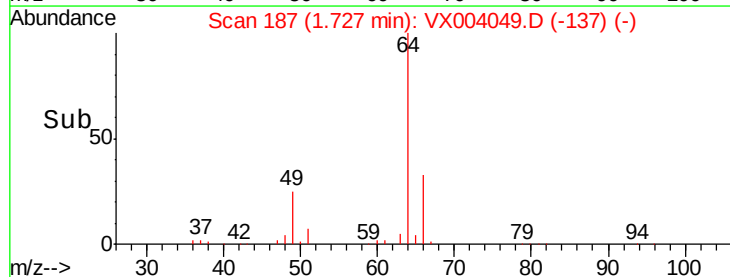
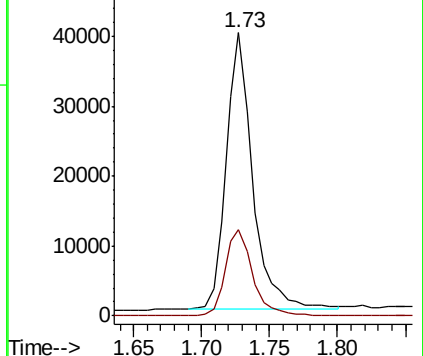
64 100

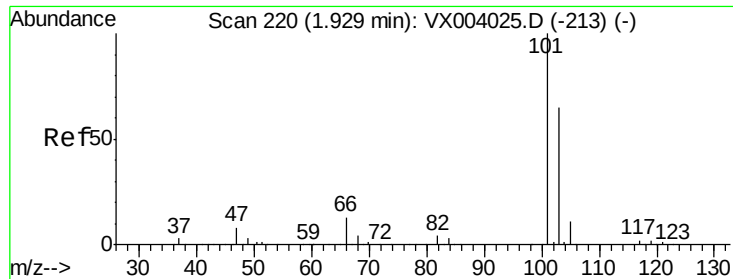
66 31.1 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



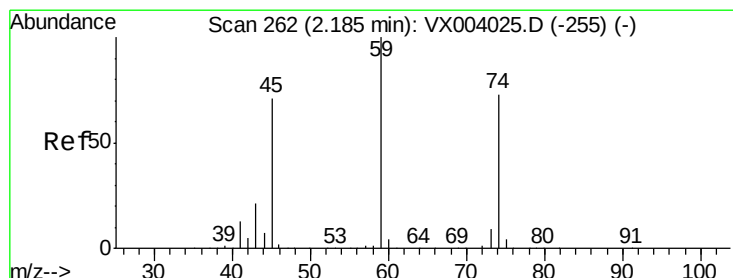
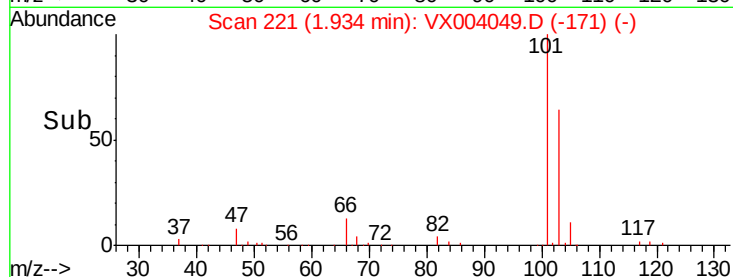
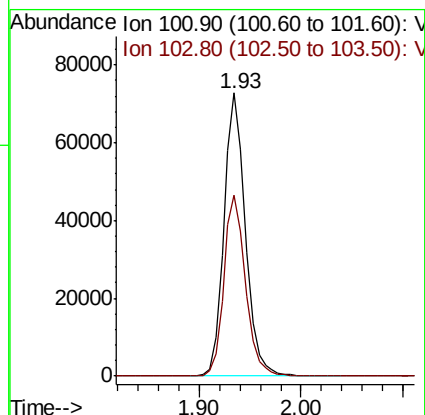
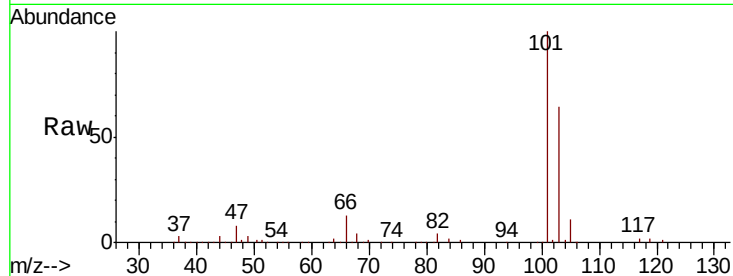


#7

Trichlorofluoromethane
 Concen: 19.490 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

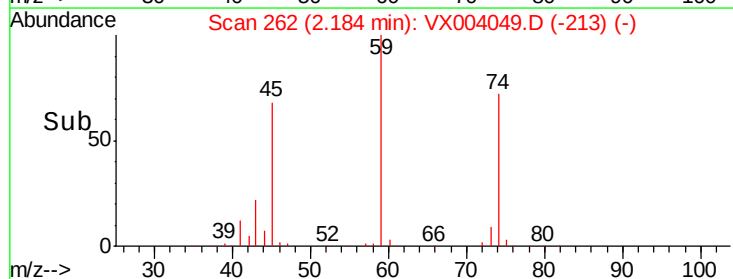
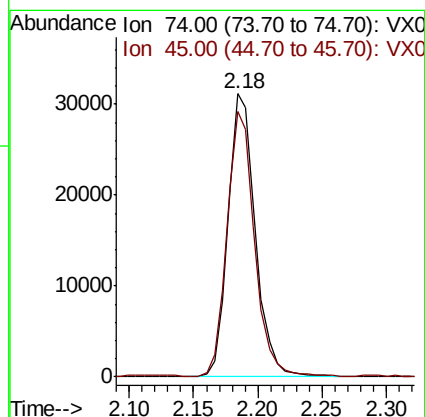
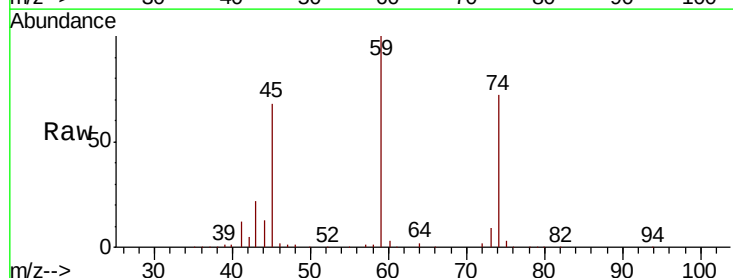
Tgt Ion: 101 Resp: 106078
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

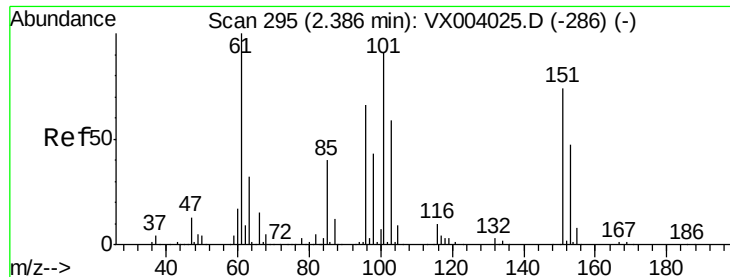


#8

Diethyl Ether
 Concen: 19.528 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 74 Resp: 46401
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.084 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

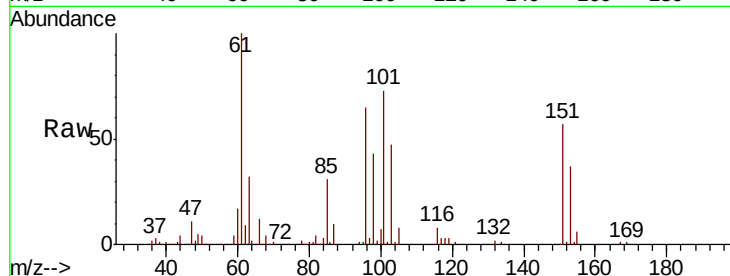
Tgt Ion:101 Resp: 64796

Ion Ratio Lower Upper

101 100

85 43.4 34.2 51.4

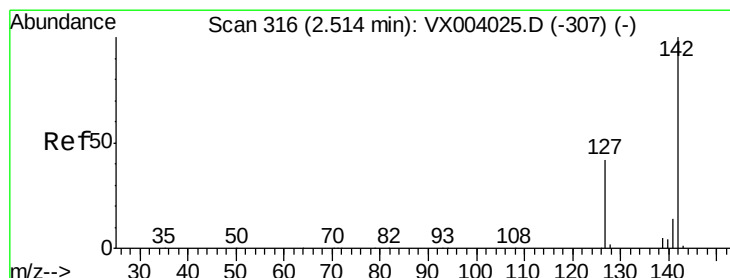
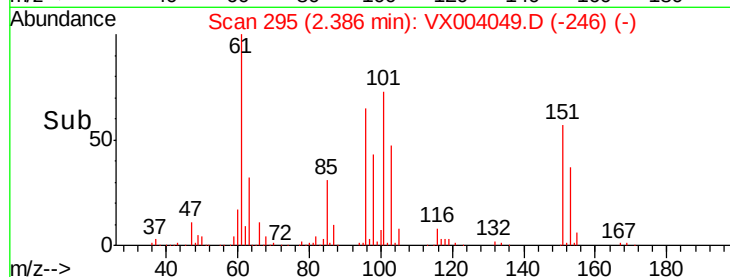
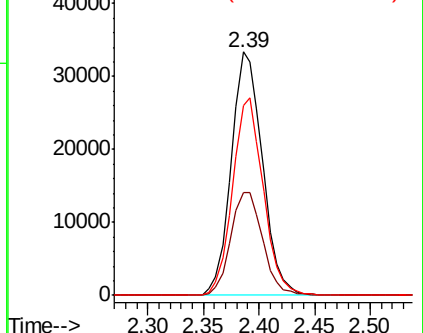
151 80.1 65.0 97.4



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: 20.815 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

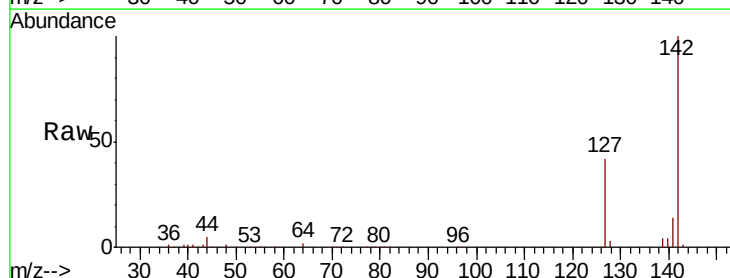
Tgt Ion:142 Resp: 63695

Ion Ratio Lower Upper

142 100

127 41.6 33.1 49.7

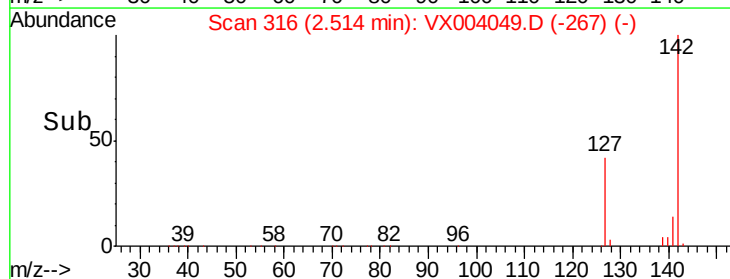
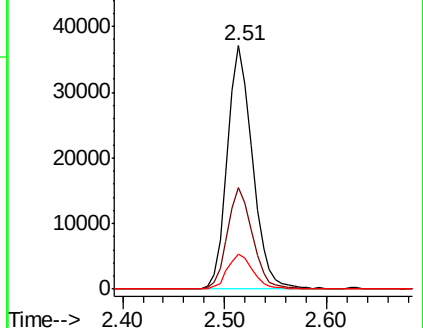
141 14.4 11.1 16.7

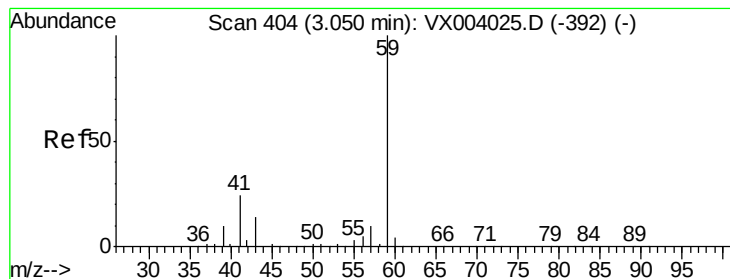


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



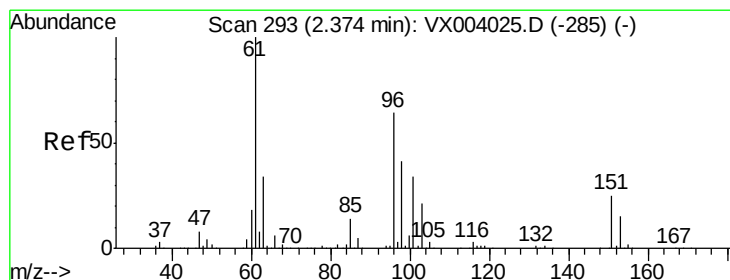
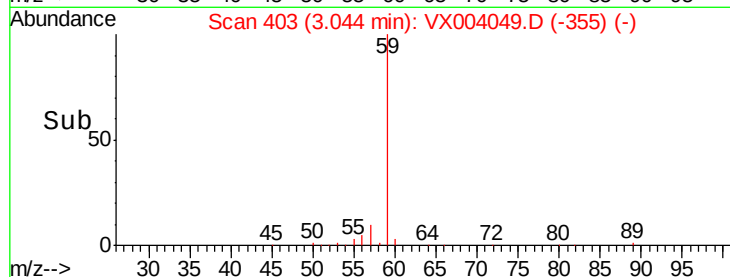
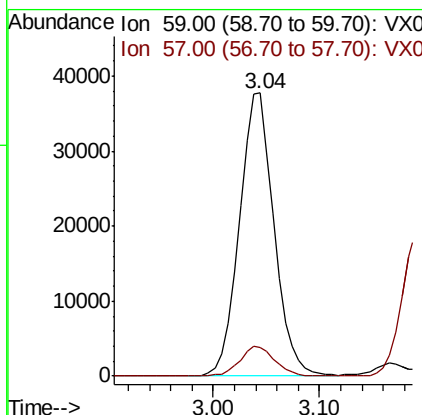
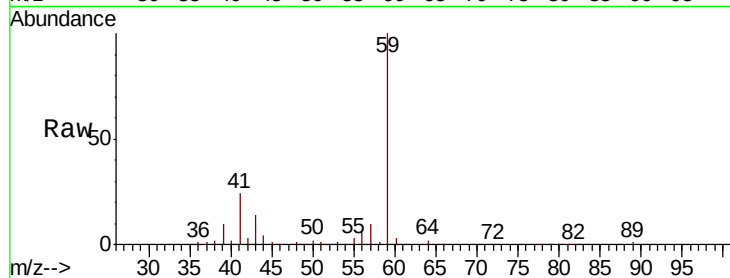


#11

Tert butyl alcohol
 Concen: 101.241 ug/l
 RT: 3.04 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

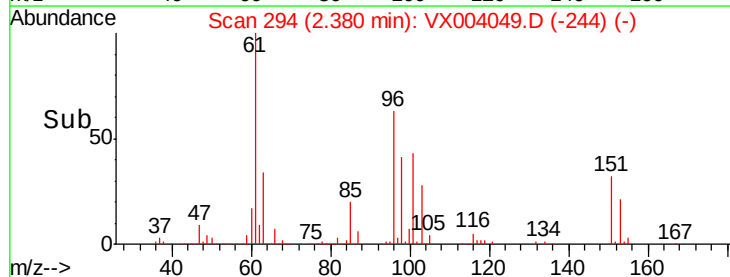
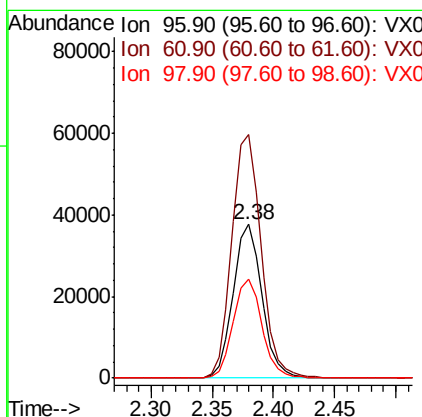
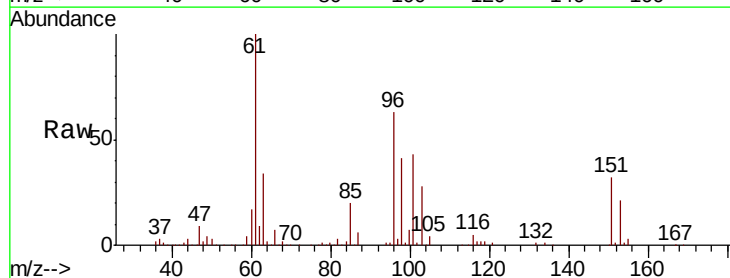
Tgt Ion: 59 Resp: 86227
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.1 12.1

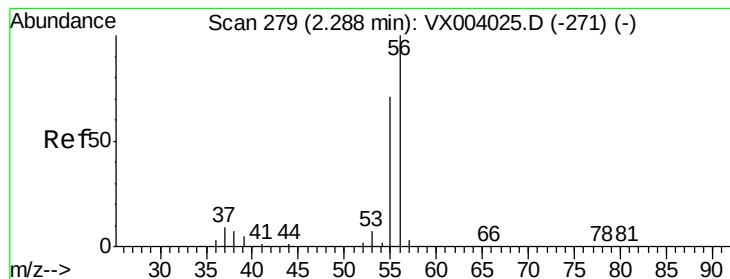


#12

1,1-Dichloroethene
 Concen: 19.430 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 96 Resp: 61359
 Ion Ratio Lower Upper
 96 100
 61 158.2 131.3 196.9
 98 64.3 51.8 77.6





#13

Acrolein

Concen: 101.050 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

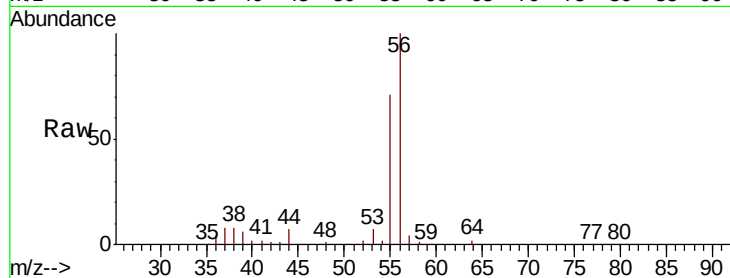
VX0814WBSD02

Tgt Ion: 56 Resp: 54449

Ion Ratio Lower Upper

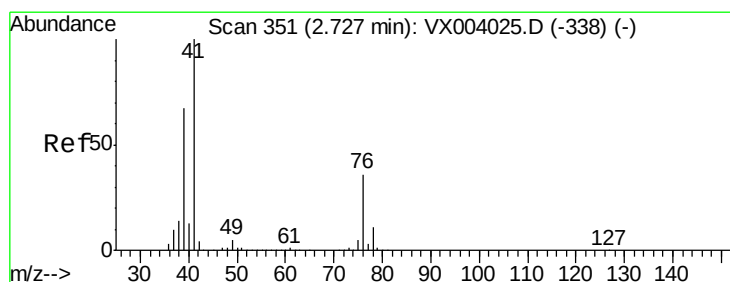
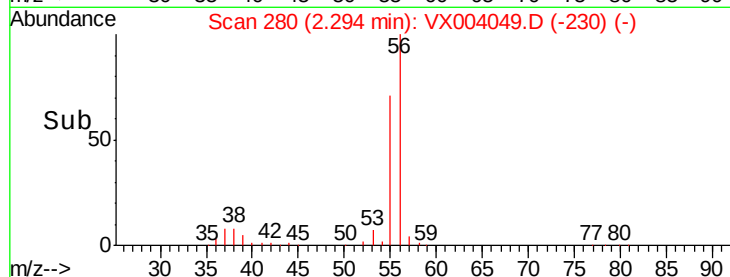
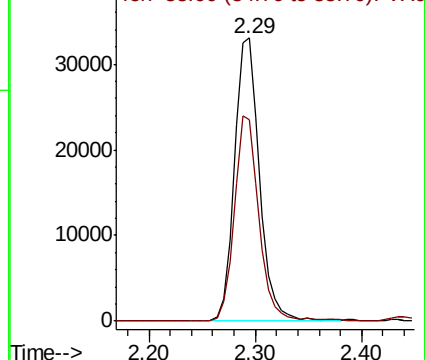
56 100

55 70.3 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.616 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.01 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

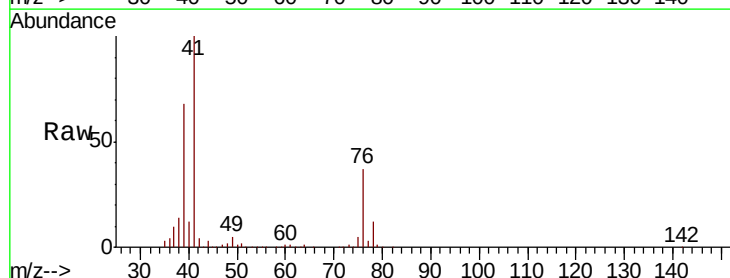
Tgt Ion: 41 Resp: 111860

Ion Ratio Lower Upper

41 100

39 62.5 47.4 71.0

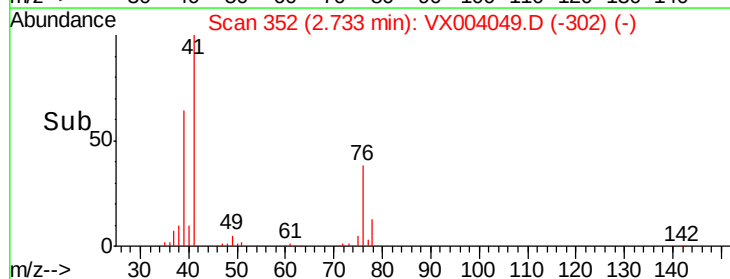
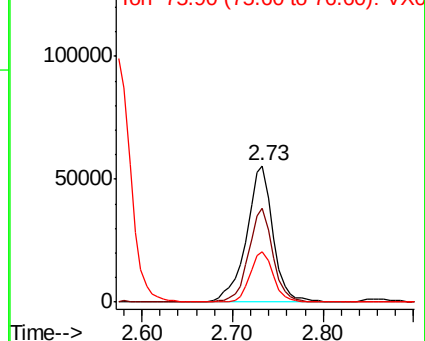
76 32.8 26.0 39.0

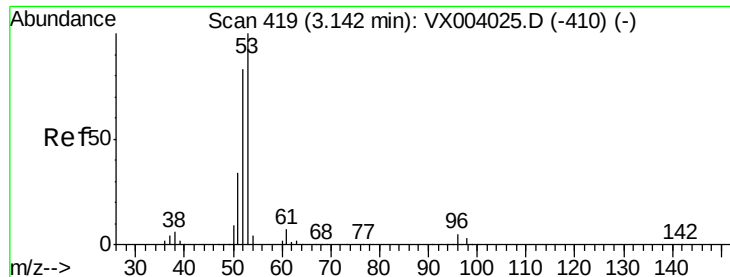


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 103.483 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

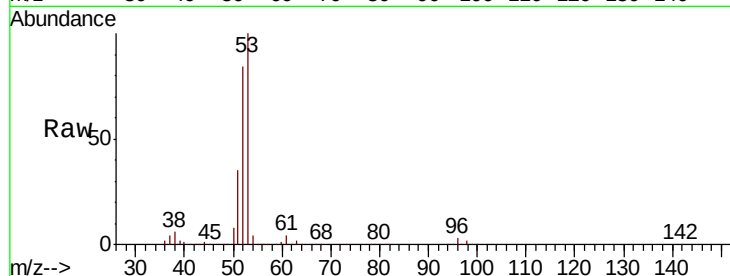
Tgt Ion: 53 Resp: 219749

Ion Ratio Lower Upper

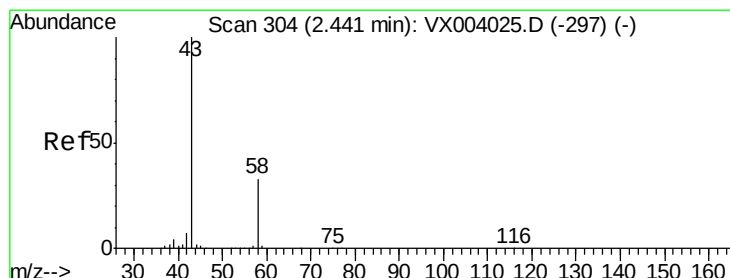
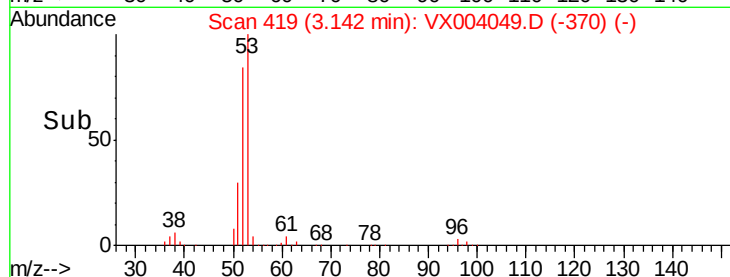
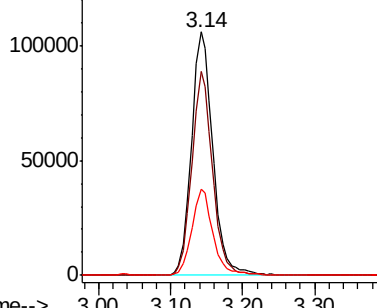
53 100

52 80.8 65.3 97.9

51 35.0 27.9 41.9



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: 99.003 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004049.D

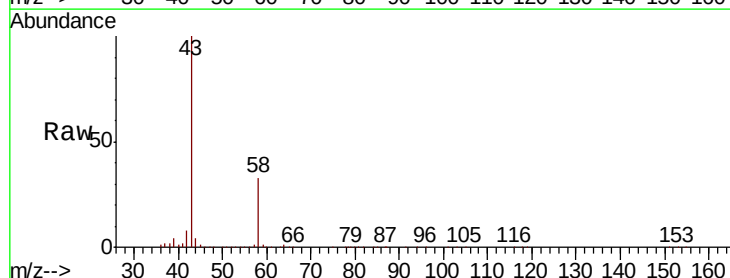
Acq: 15 Aug 2018 01:15

Tgt Ion: 43 Resp: 217705

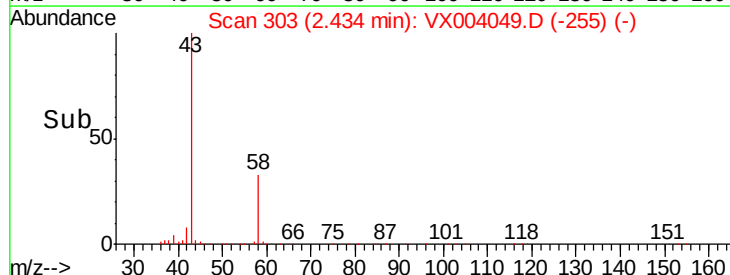
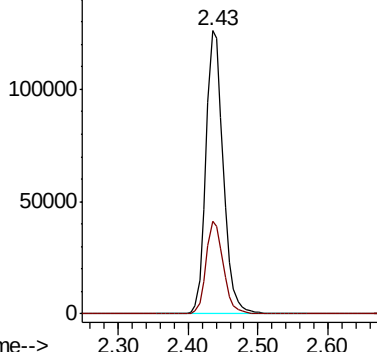
Ion Ratio Lower Upper

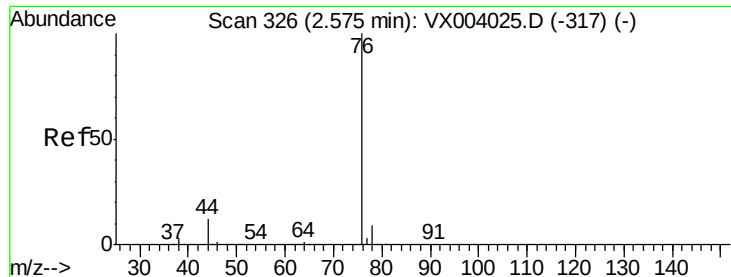
43 100

58 32.8 26.4 39.6



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





#17

Carbon Disulfide

Concen: 18.789 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

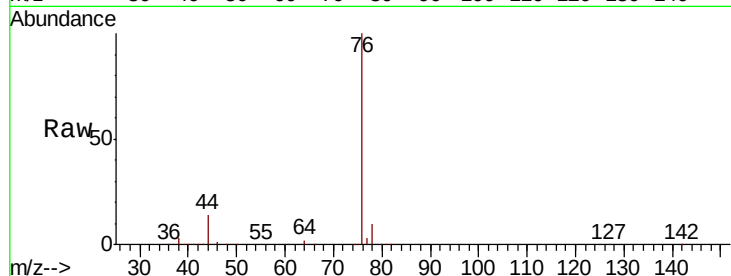
VX0814WBSD02

Tgt Ion: 76 Resp: 168295

Ion Ratio Lower Upper

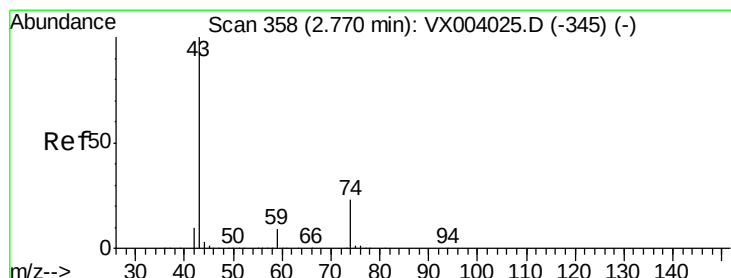
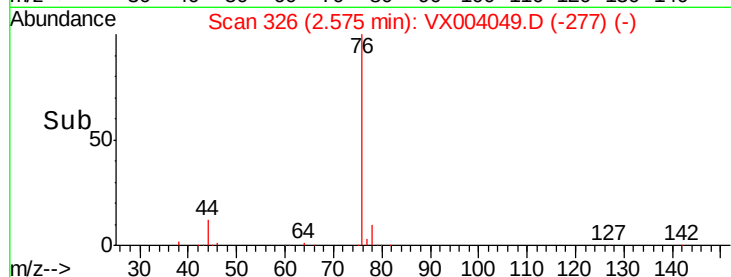
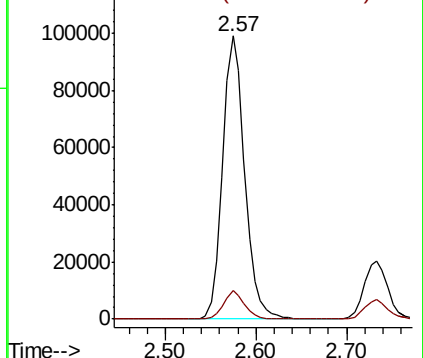
76 100

78 9.9 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.388 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004049.D

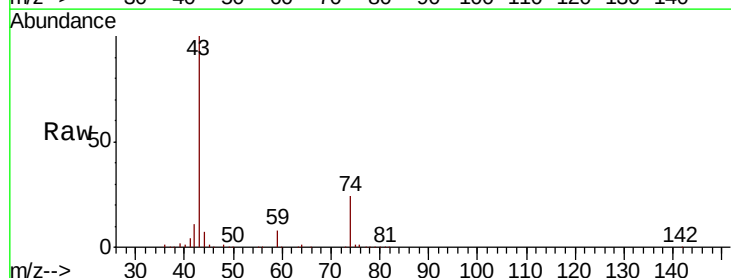
Acq: 15 Aug 2018 01:15

Tgt Ion: 43 Resp: 94742

Ion Ratio Lower Upper

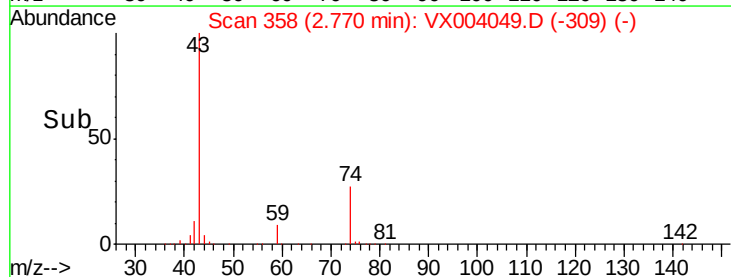
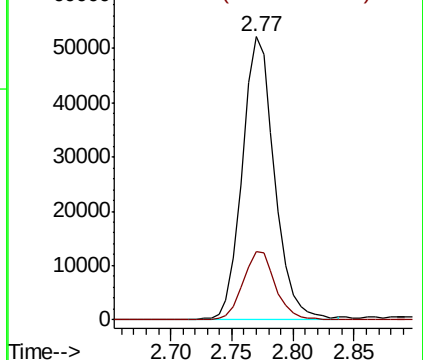
43 100

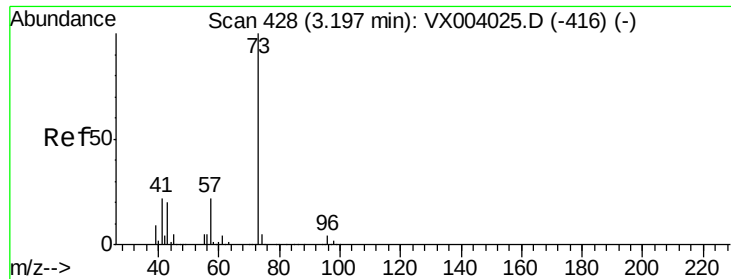
74 24.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

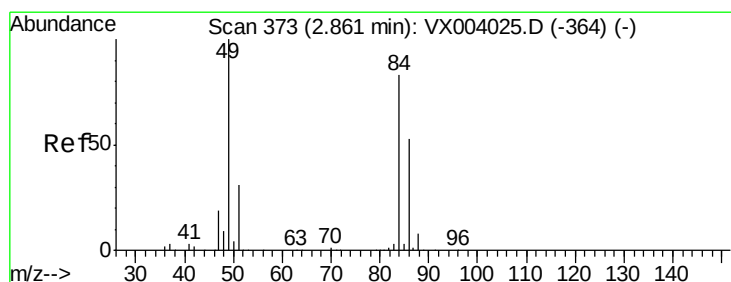
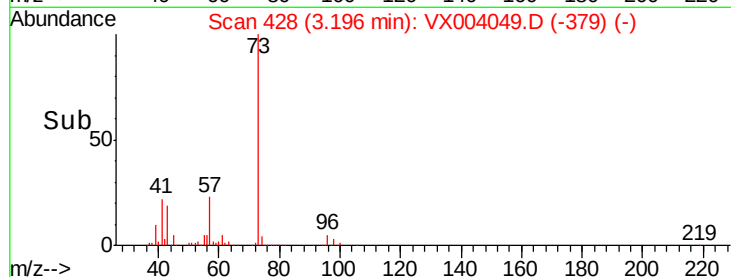
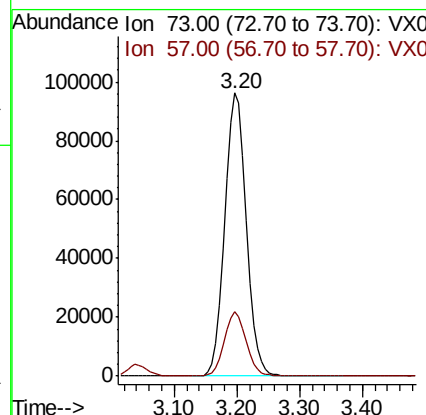
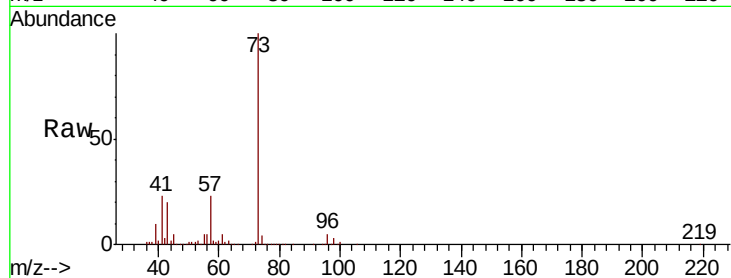




#19
Methyl tert-butyl Ether
Concen: 20.547 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

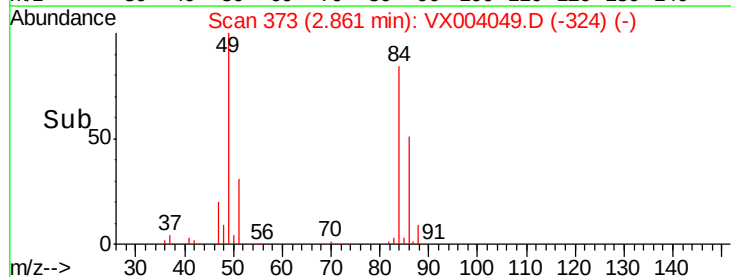
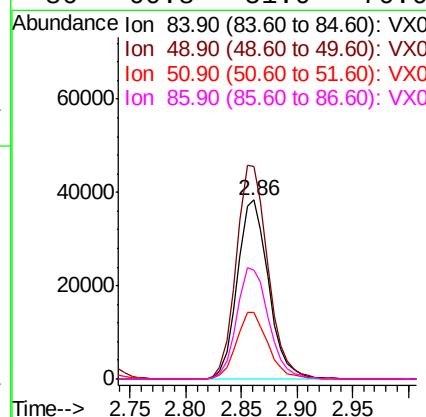
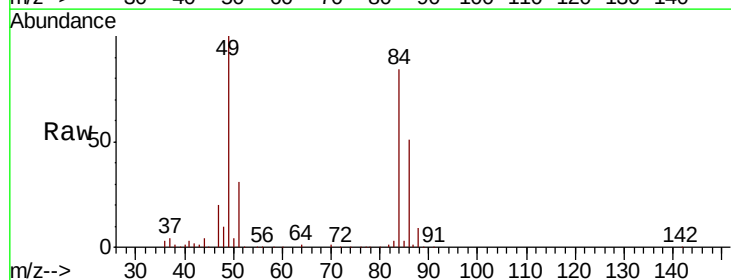
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

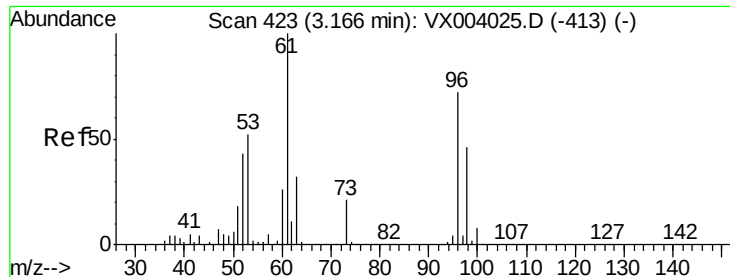
Tgt Ion: 73 Resp: 228599
Ion Ratio Lower Upper
73 100
57 22.7 18.0 27.0



#20
Methylene Chloride
Concen: 20.417 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 84 Resp: 74673
Ion Ratio Lower Upper
84 100
49 119.0 98.9 148.3
51 37.3 29.9 44.9
86 60.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.805 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

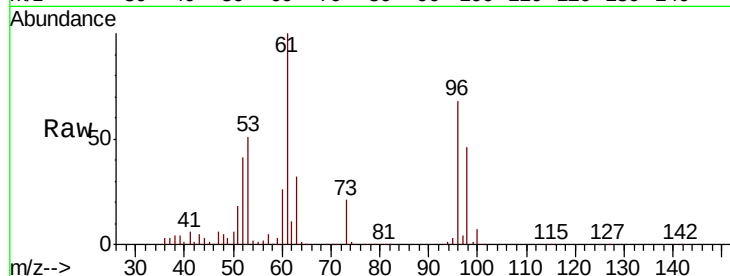
Tgt Ion: 96 Resp: 71027

Ion Ratio Lower Upper

96 100

61 146.2 111.8 167.6

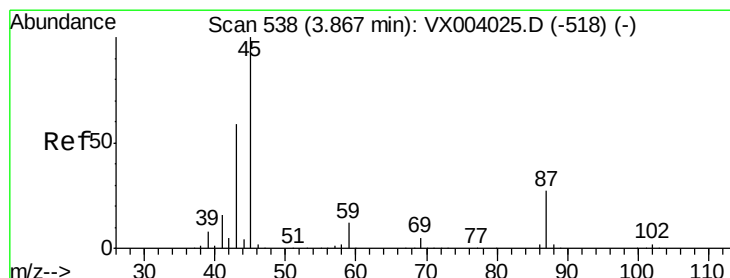
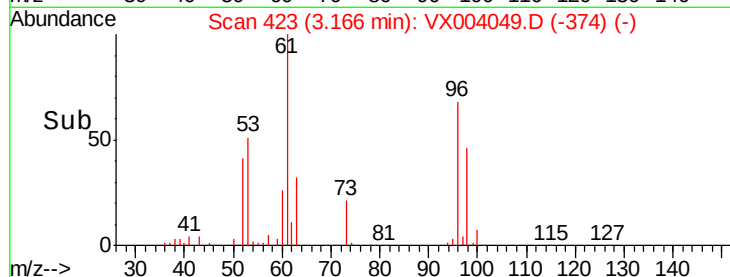
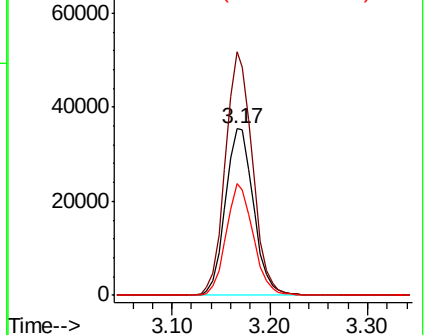
98 67.1 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.723 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Tgt Ion: 45 Resp: 243995

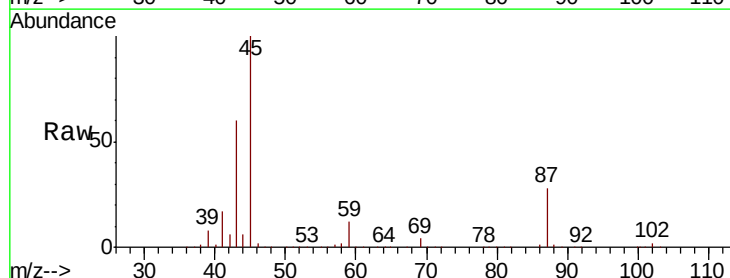
Ion Ratio Lower Upper

45 100

43 60.2 45.3 67.9

87 27.5 22.7 34.1

59 12.3 9.6 14.4

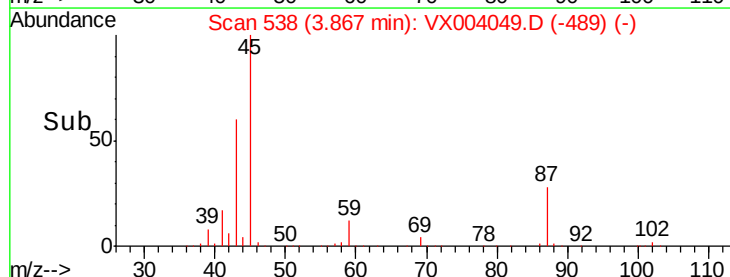
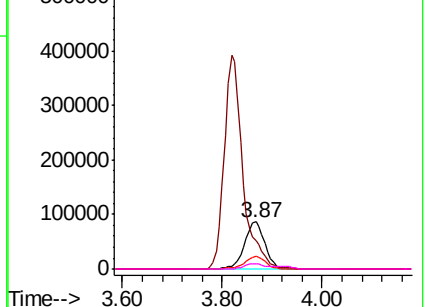


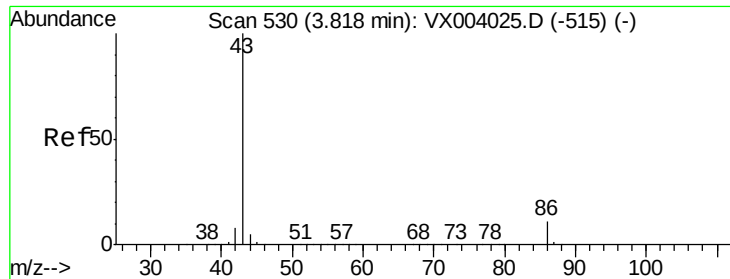
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.130 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

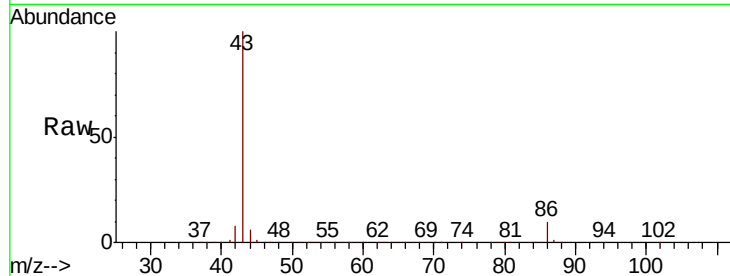
VX0814WBSD02

Tgt Ion: 43 Resp: 1016668

Ion Ratio Lower Upper

43 100

86 10.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

400000

300000

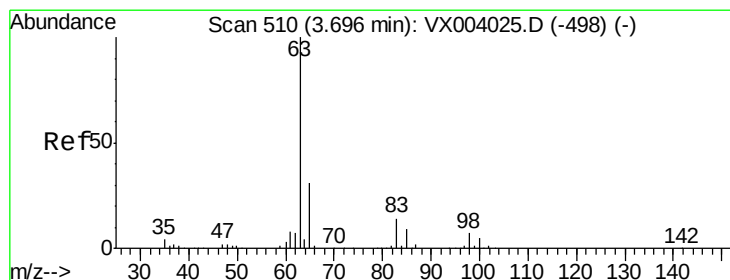
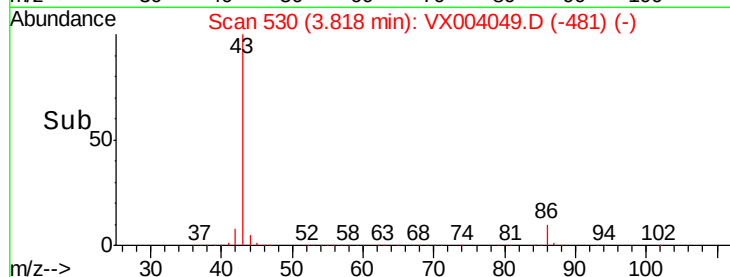
200000

100000

0

Time-->

3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 20.489 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

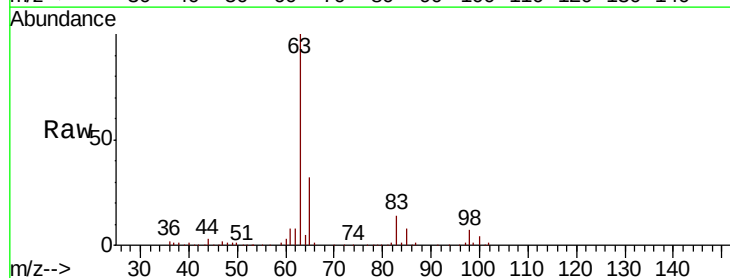
Tgt Ion: 63 Resp: 136644

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

100 4.3 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

60000

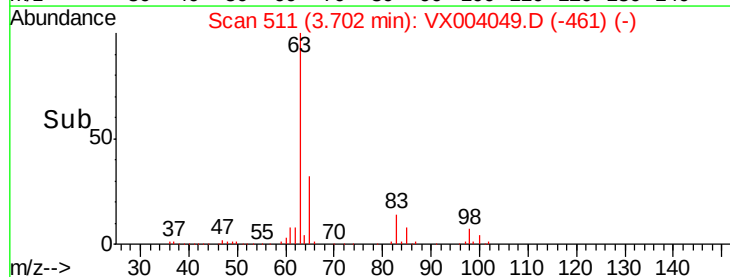
40000

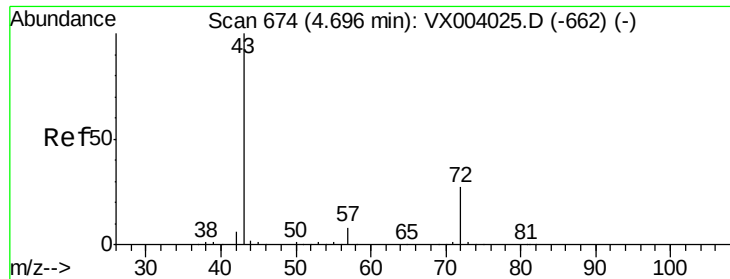
20000

0

Time-->

3.60 3.70 3.80





#25

2-Butanone

Concen: 96.788 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

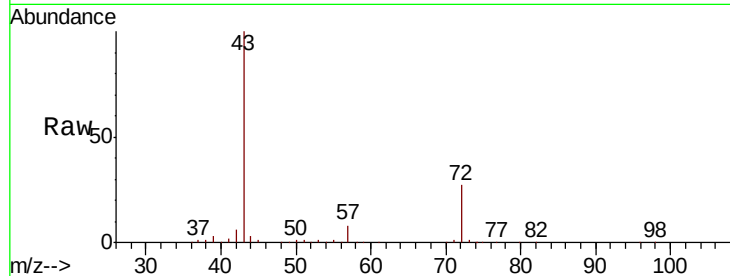
VX0814WBSD02

Tgt Ion: 43 Resp: 346296

Ion Ratio Lower Upper

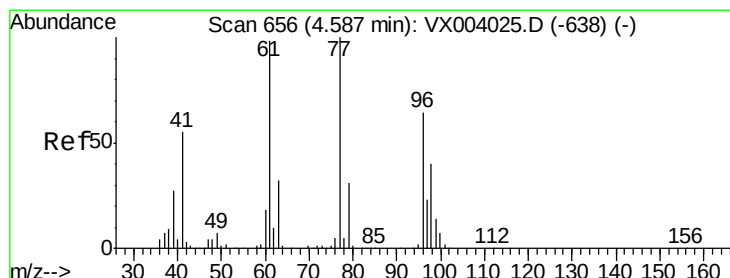
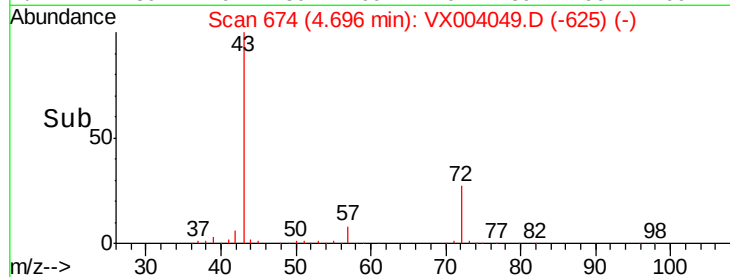
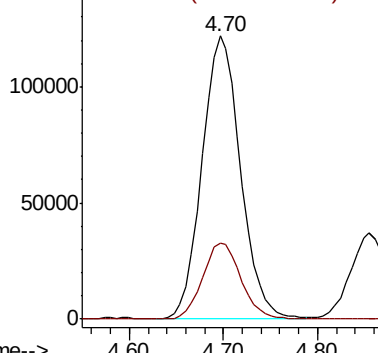
43 100

72 26.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.711 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX004049.D

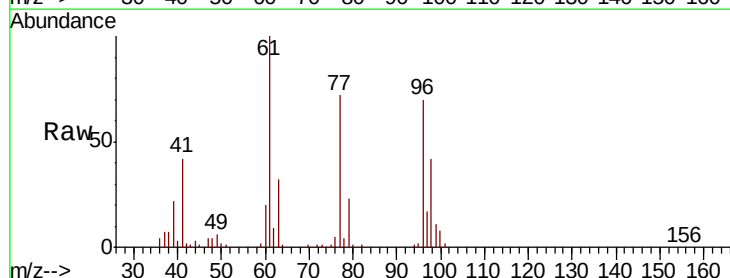
Acq: 15 Aug 2018 01:15

Tgt Ion: 77 Resp: 72697

Ion Ratio Lower Upper

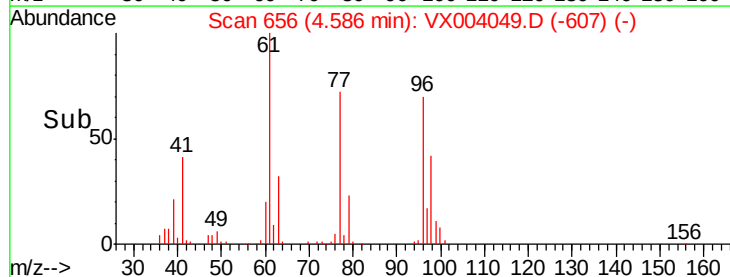
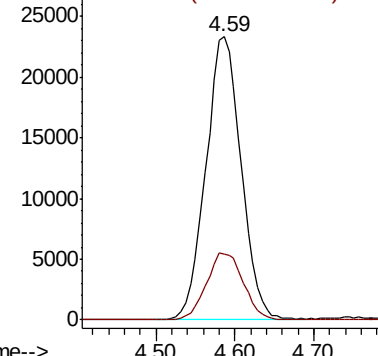
77 100

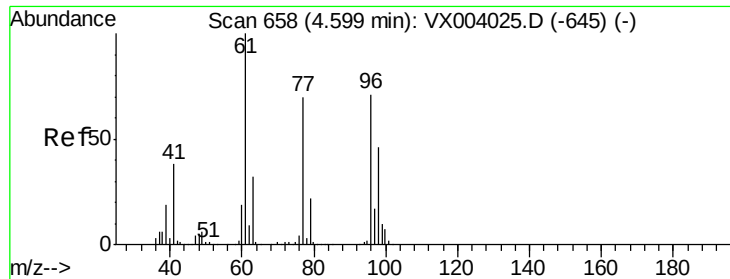
97 24.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



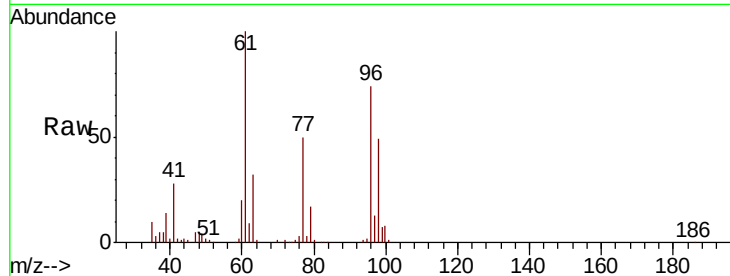


#27

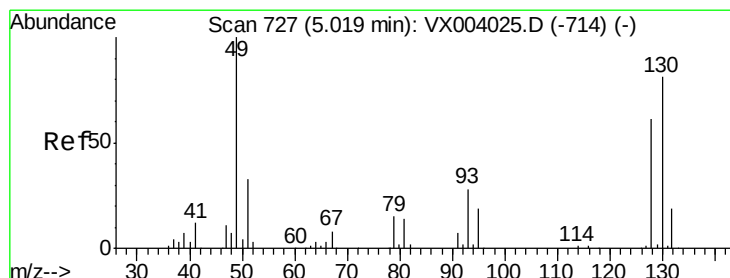
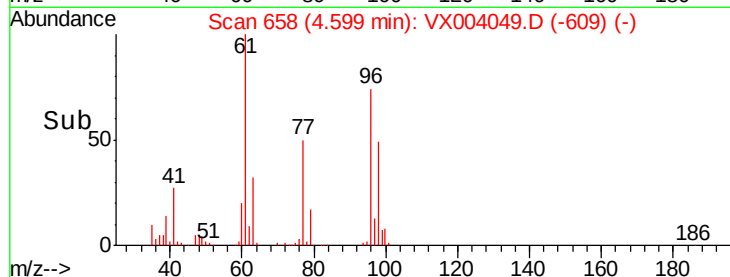
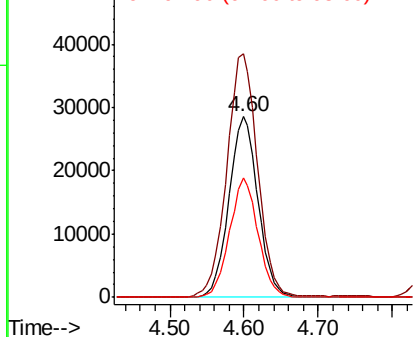
cis-1,2-Dichloroethene
Concen: 19.290 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion: 96 Resp: 77793
Ion Ratio Lower Upper
96 100
61 143.3 0.0 293.0
98 64.7 0.0 131.8



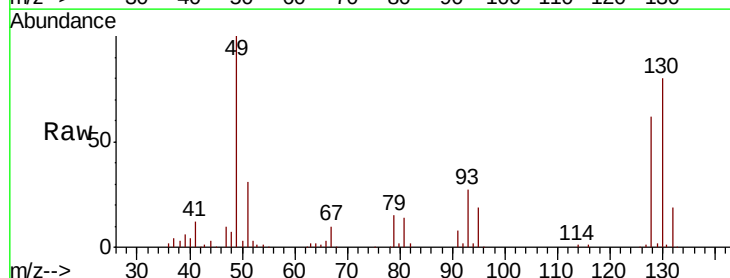
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



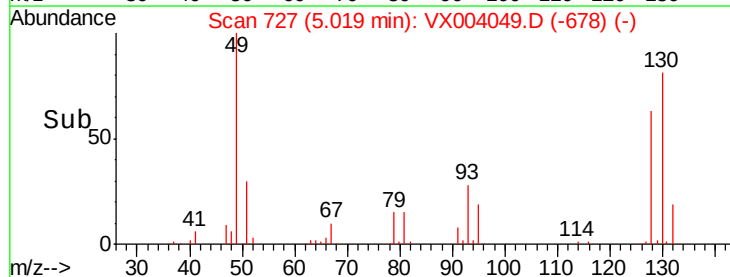
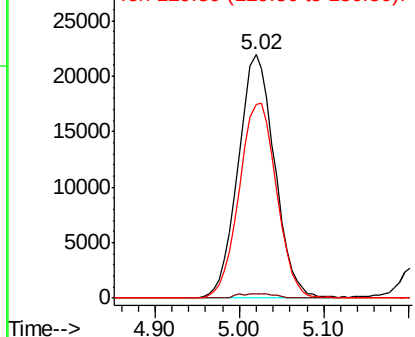
#28

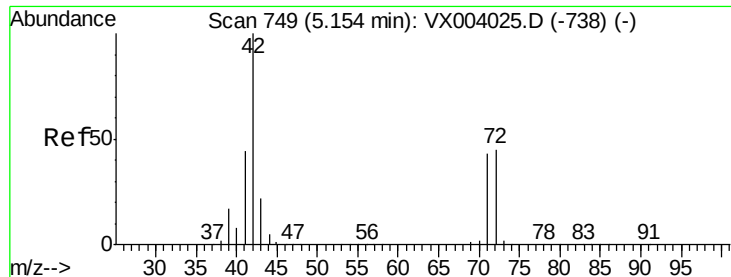
Bromochloromethane
Concen: 21.049 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 49 Resp: 64404
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 82.3 66.5 99.7



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: 97.363 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

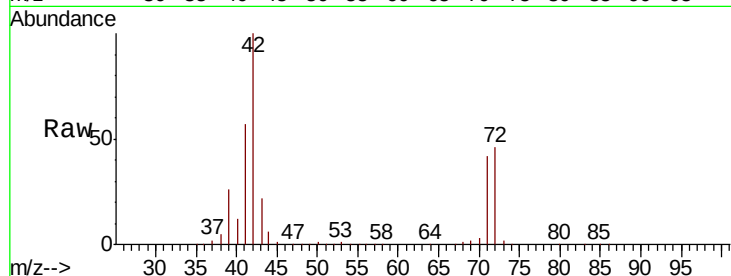
Tgt Ion: 42 Resp: 177978

Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

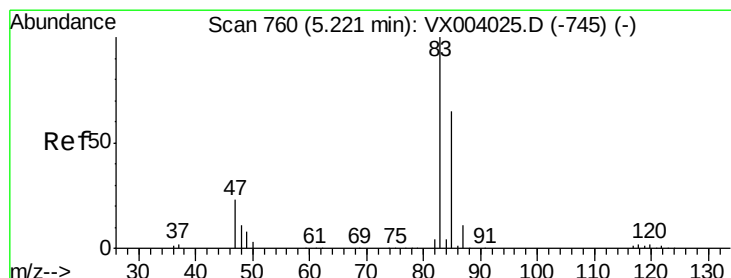
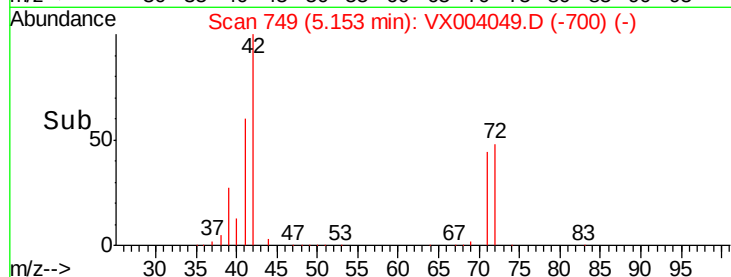
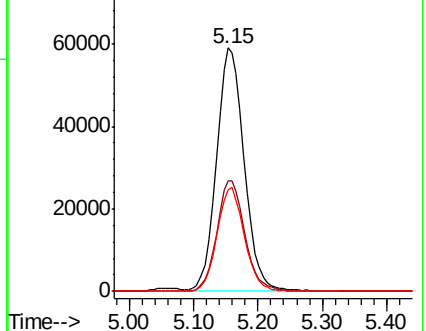
71 42.3 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.293 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004049.D

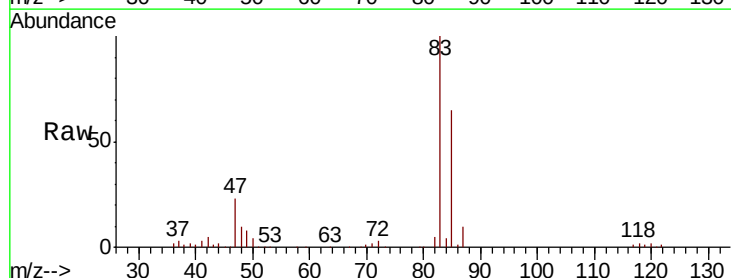
Acq: 15 Aug 2018 01:15

Tgt Ion: 83 Resp: 132079

Ion Ratio Lower Upper

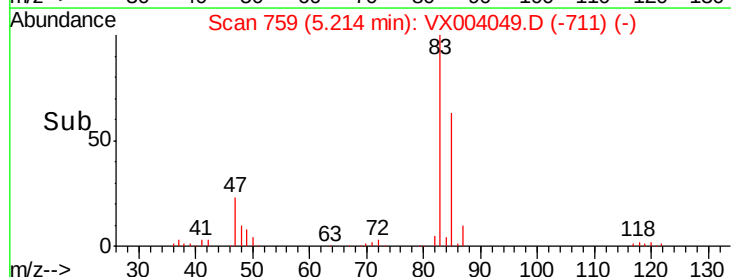
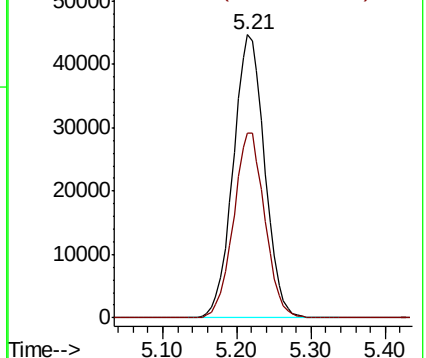
83 100

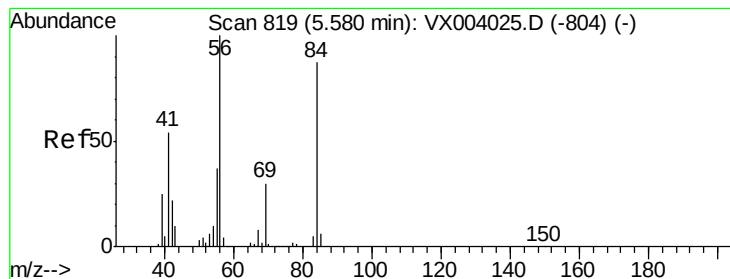
85 65.3 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.729 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampled :

VX0814WBSD02

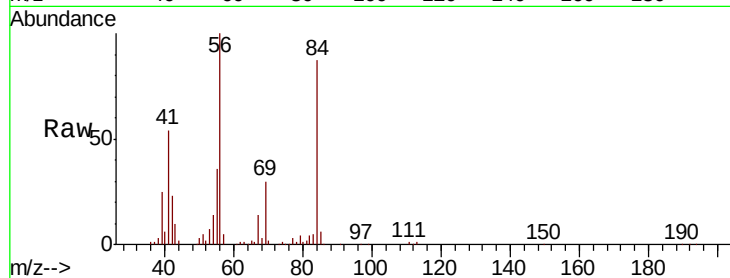
Tgt Ion: 56 Resp: 109495

Ion Ratio Lower Upper

56 100

69 30.1 24.9 37.3

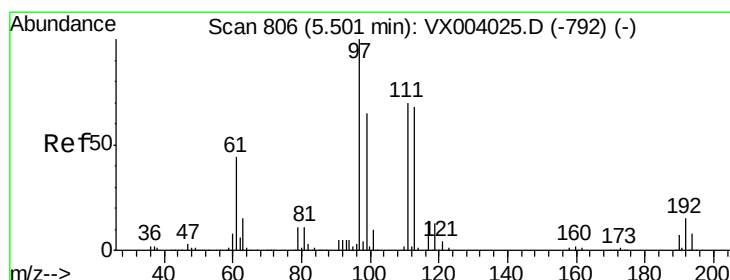
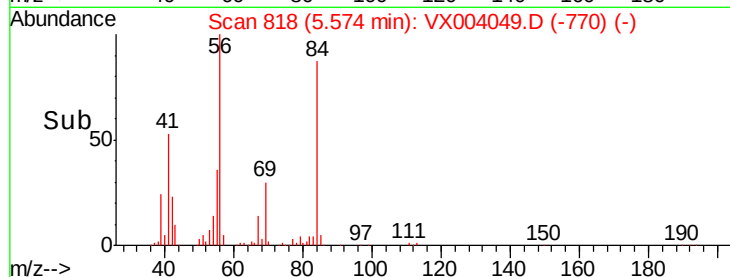
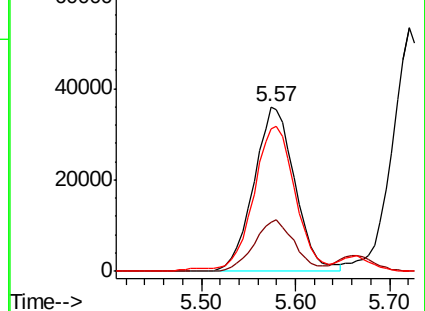
84 85.1 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.687 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

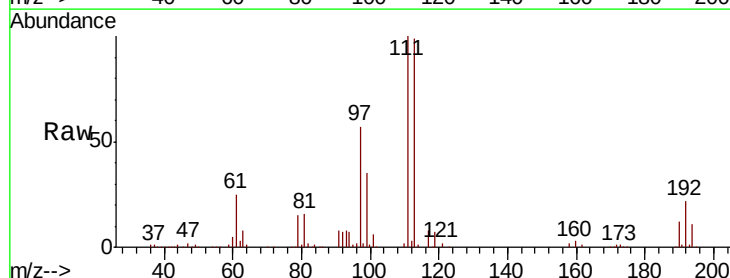
Tgt Ion: 97 Resp: 112517

Ion Ratio Lower Upper

97 100

99 63.2 51.8 77.8

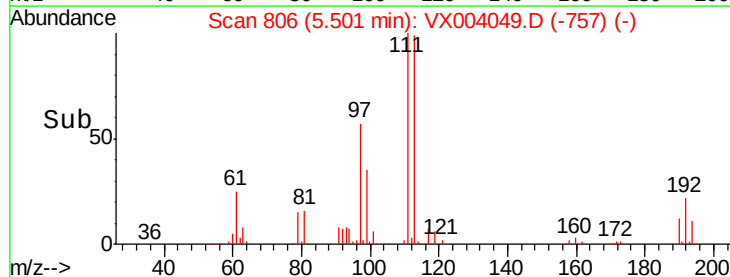
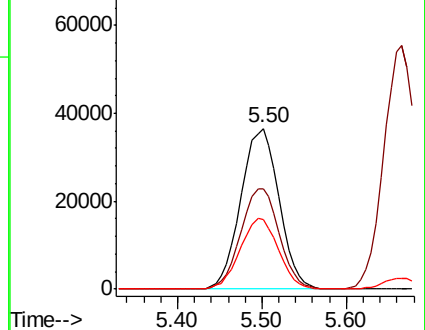
61 44.2 34.4 51.6

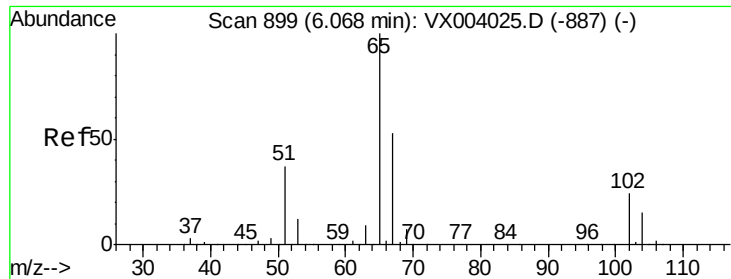


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

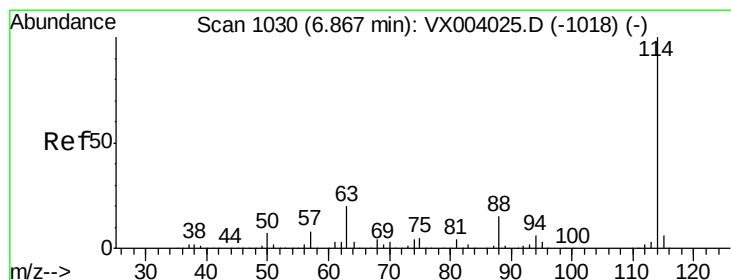
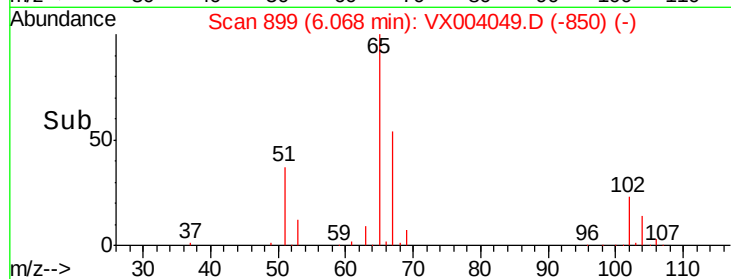
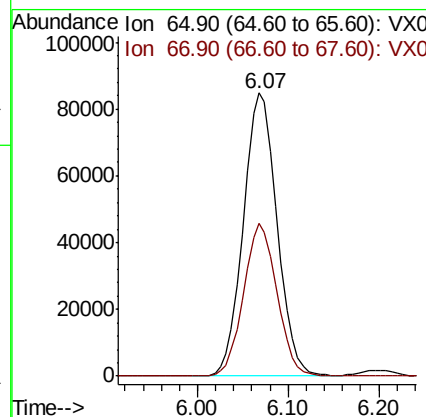
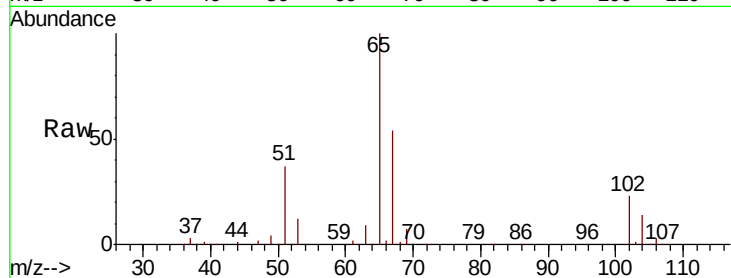




#33
 1,2-Dichloroethane-d4
 Concen: 51.657 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

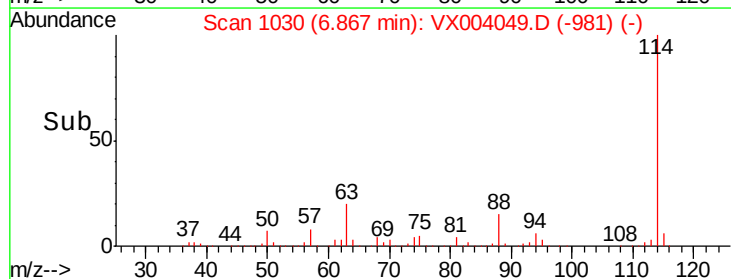
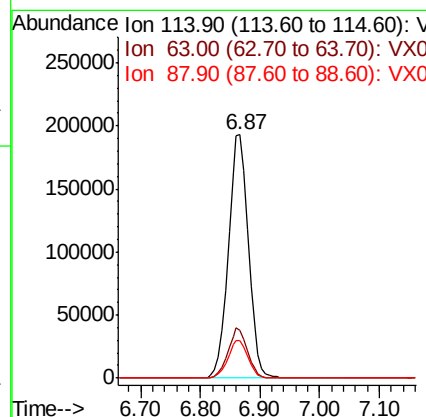
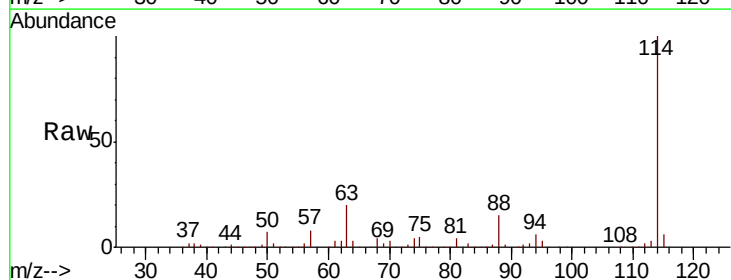
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

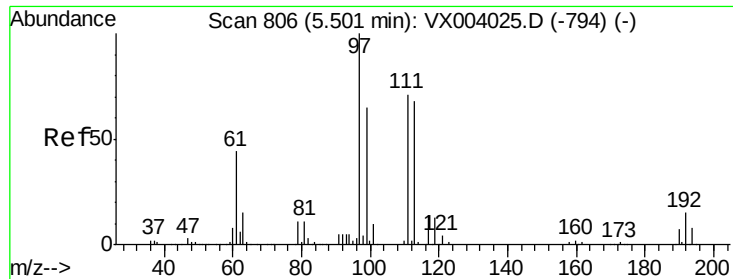
Tgt Ion: 65 Resp: 218479
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 114 Resp: 450452
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.4 0.0 32.0

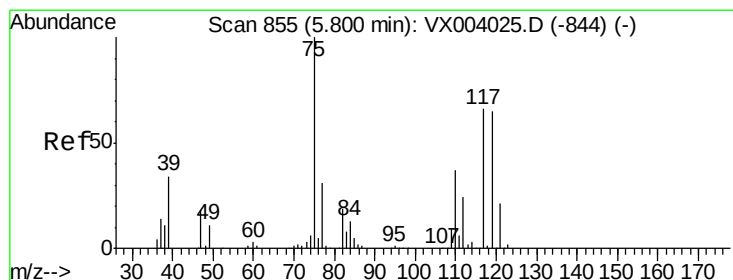
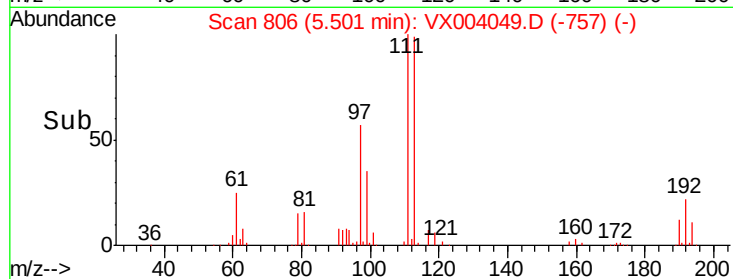
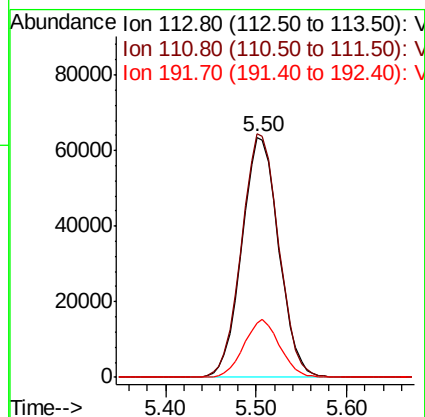
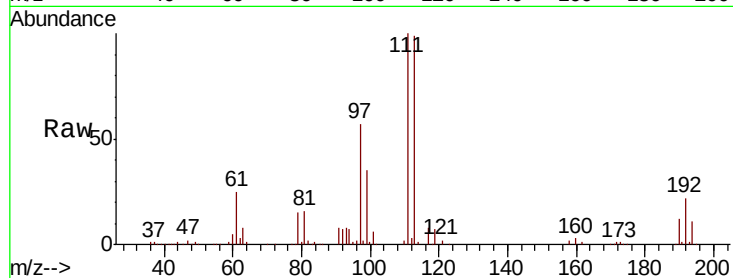




#35
 Dibromofluoromethane
 Concen: 53.200 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

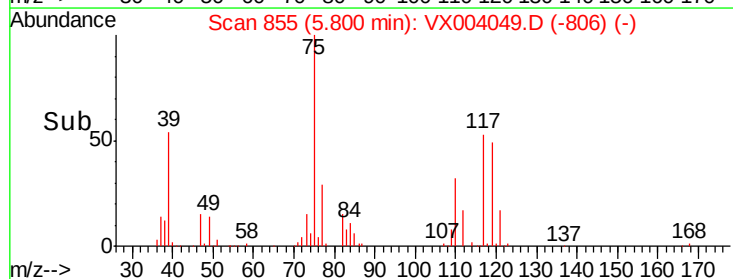
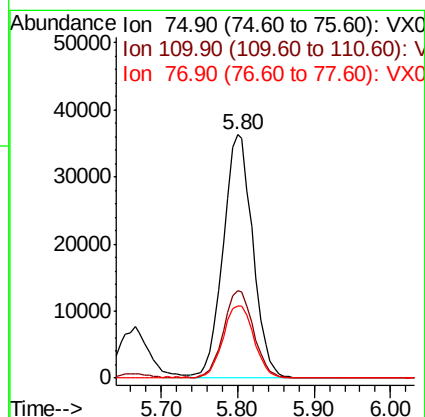
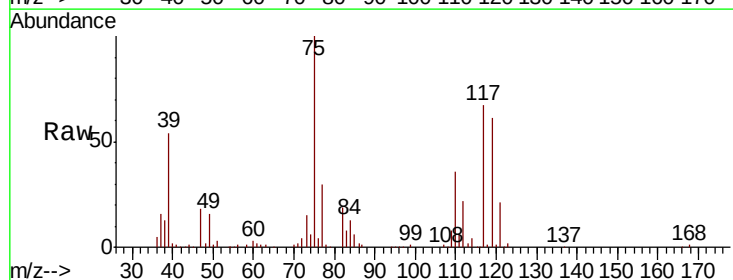
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

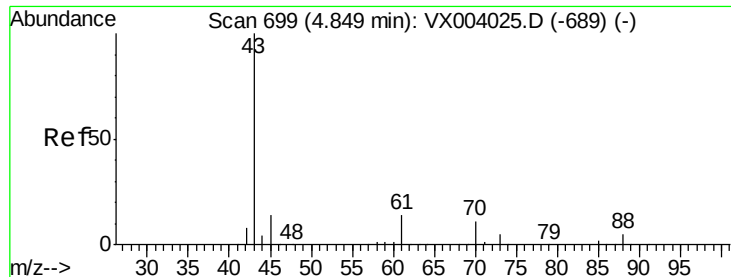
Tgt Ion:113 Resp: 179353
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.0 123.0
 192 23.4 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 19.003 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 75 Resp: 97406
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.2 54.6
 77 31.2 25.0 37.4

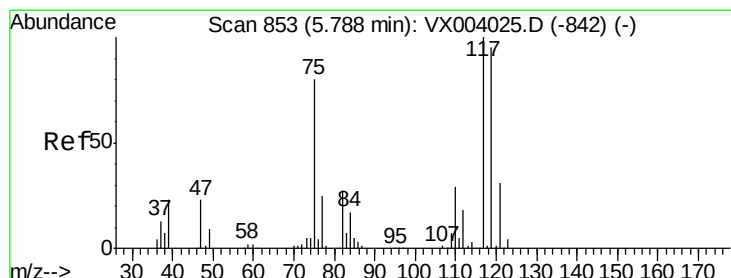
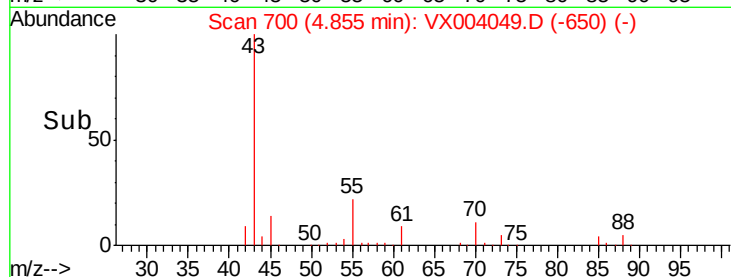
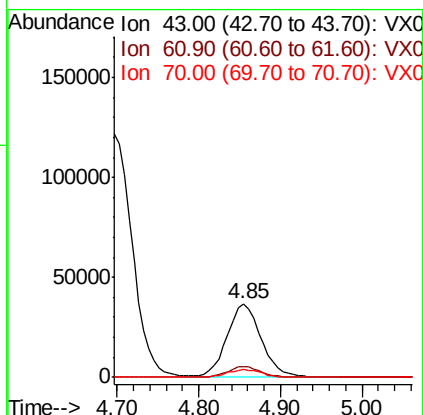
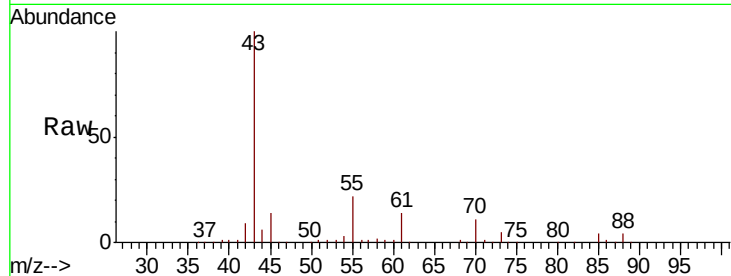




#37
Ethyl Acetate
Concen: 19.048 ug/l
RT: 4.85 min Scan# 700
Delta R.T. 0.01 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

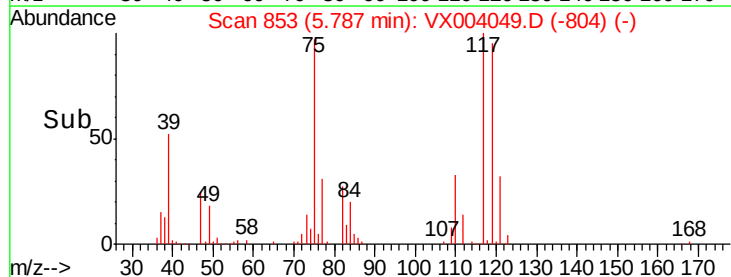
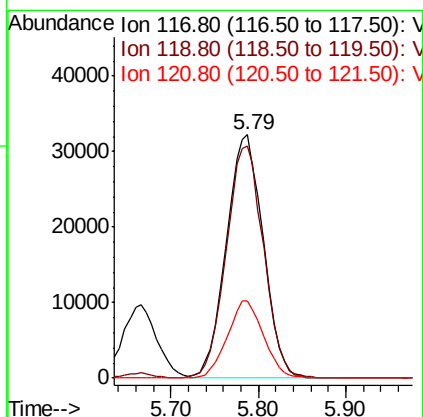
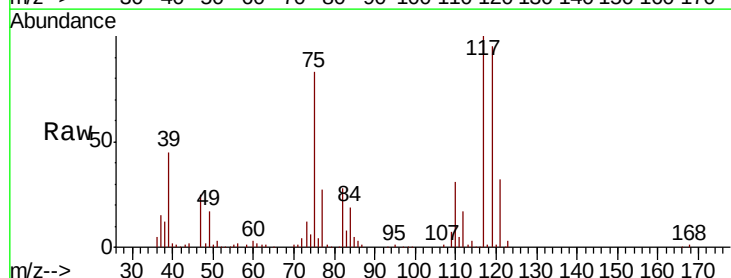
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

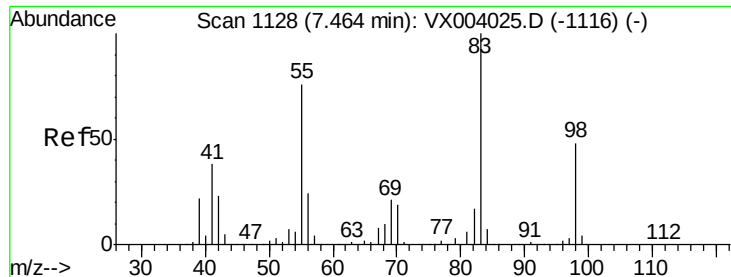
Tgt Ion: 43 Resp: 106326
Ion Ratio Lower Upper
43 100
61 14.0 11.5 17.3
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 117 Resp: 94497
Ion Ratio Lower Upper
117 100
119 95.2 79.5 119.3
121 31.5 25.0 37.4

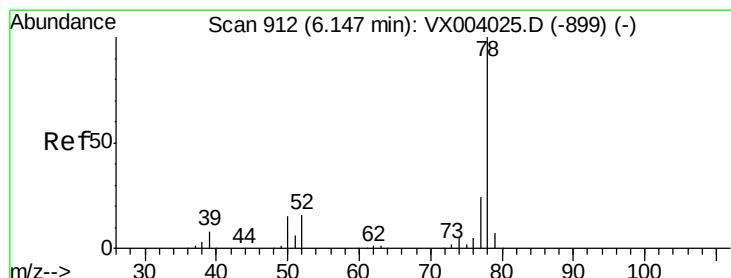
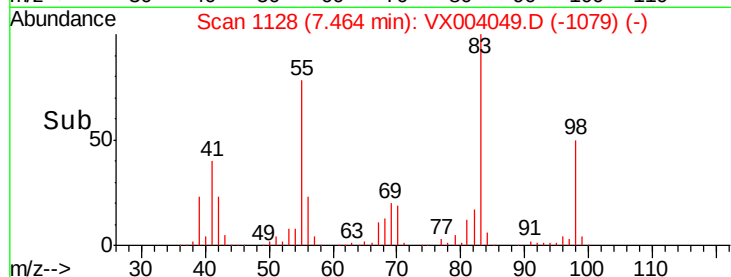
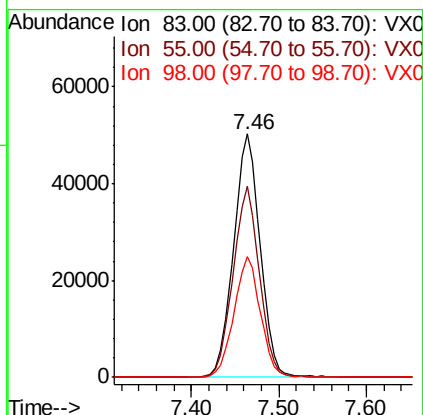
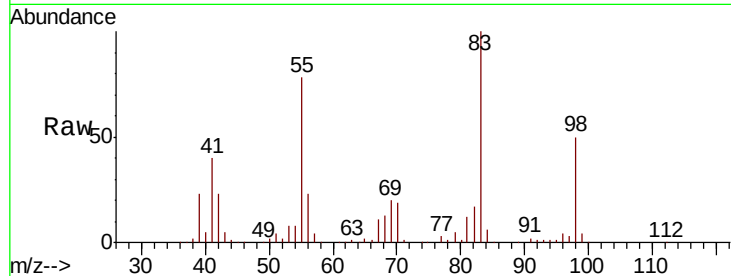




#39
Methylcyclohexane
Concen: 18.329 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

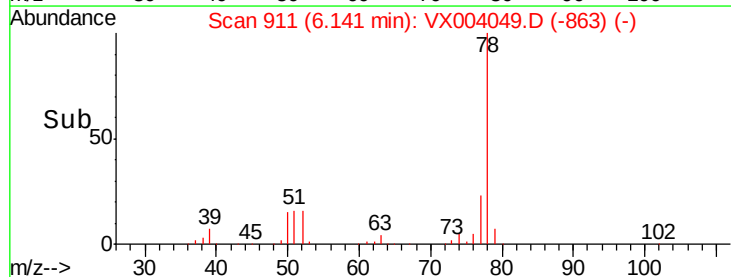
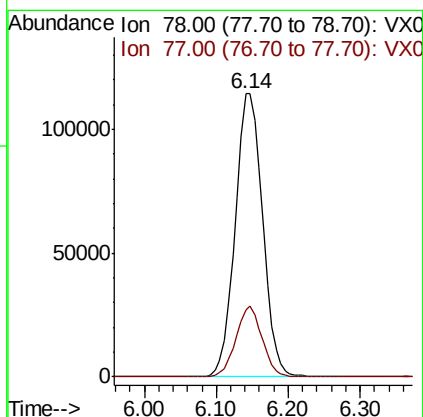
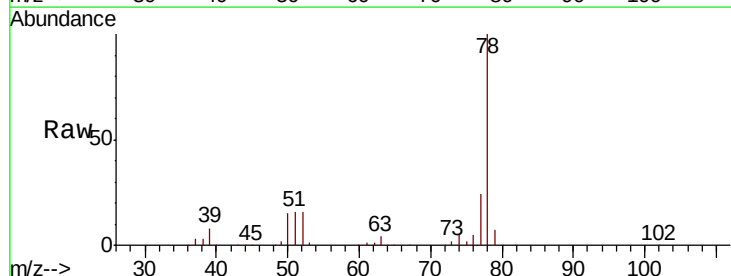
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

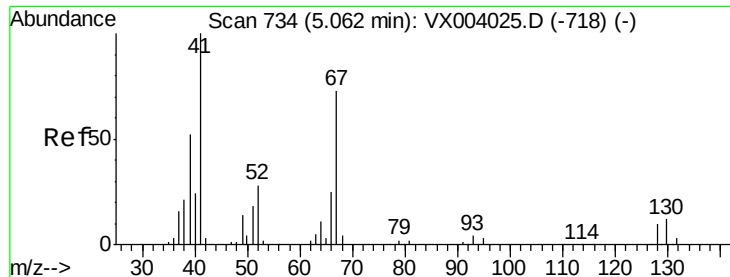
Tgt Ion: 83 Resp: 106585
Ion Ratio Lower Upper
83 100
55 78.2 61.0 91.6
98 49.6 38.6 57.8



#40
Benzene
Concen: 19.719 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 78 Resp: 303510
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

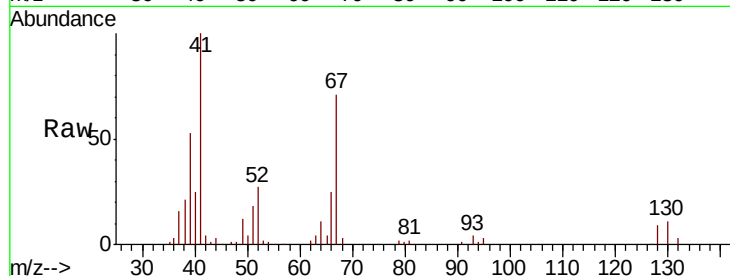




#41
Methacrylonitrile
Concen: 18.772 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion:	41	Resp:	58685
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.7	64.1
67	72.4	58.9	88.3
52	29.9	22.6	33.8



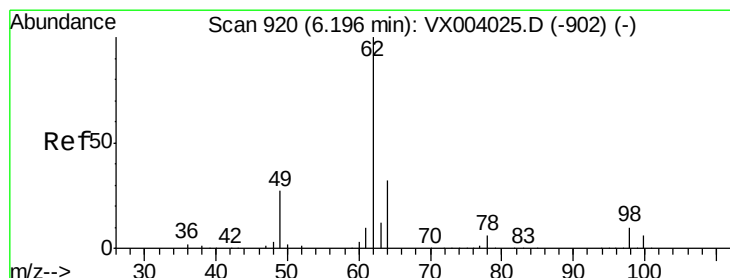
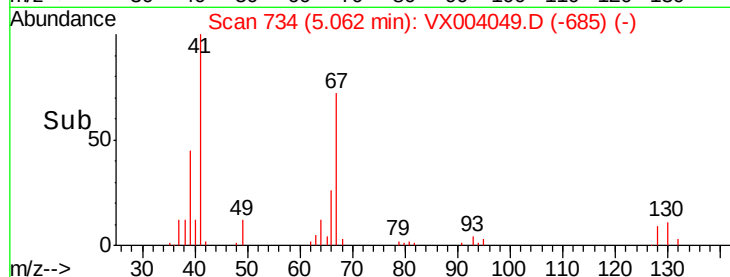
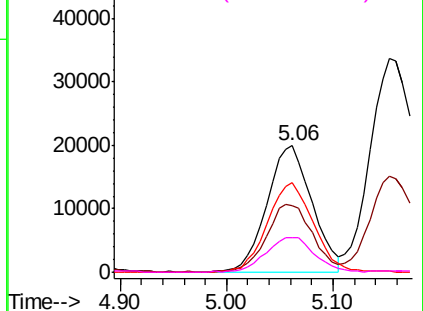
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

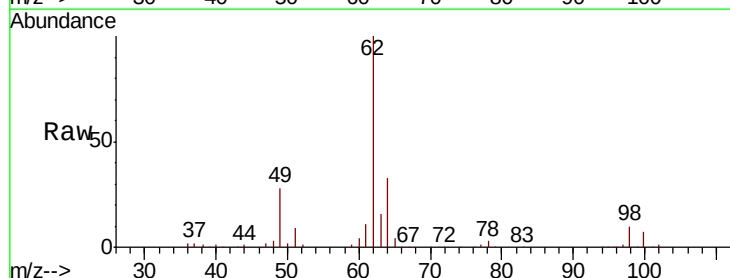
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.696 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.01 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

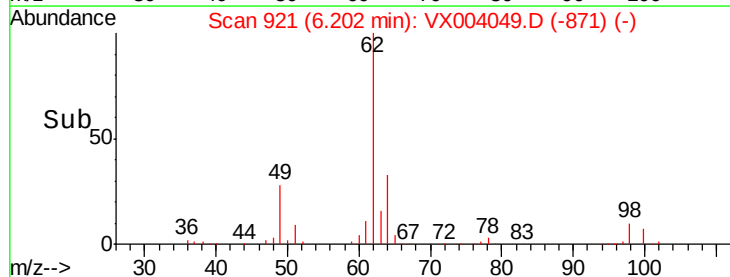
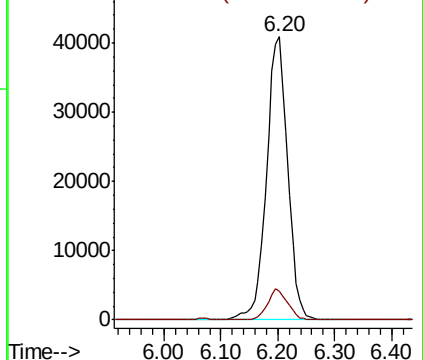
Tgt Ion:	62	Resp:	106114
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4

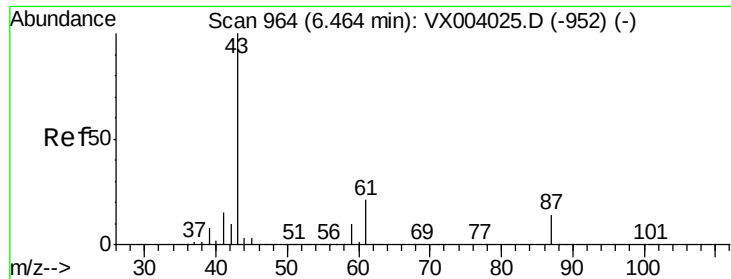


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.054 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

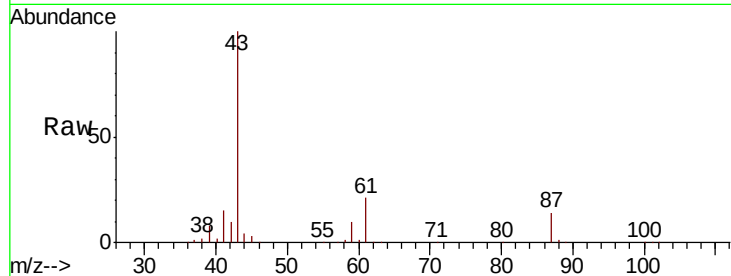
Tgt Ion: 43 Resp: 156771

Ion Ratio Lower Upper

43 100

61 20.8 16.9 25.3

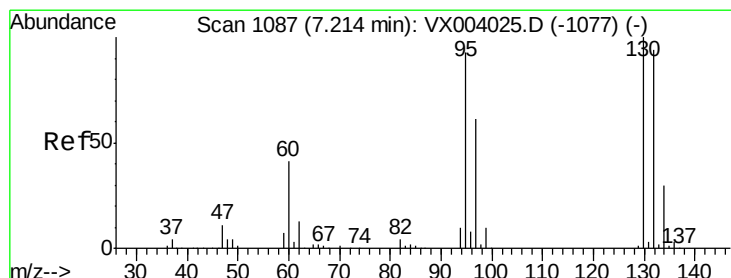
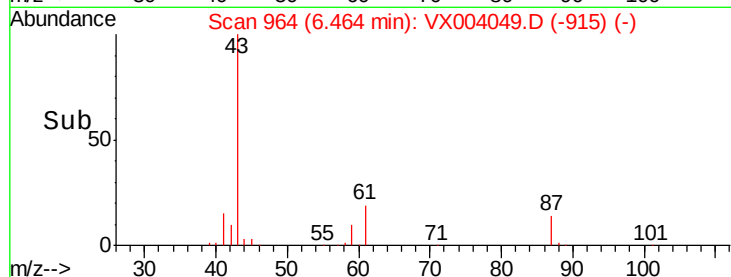
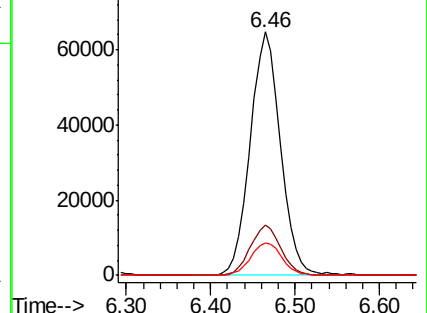
87 13.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.872 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004049.D

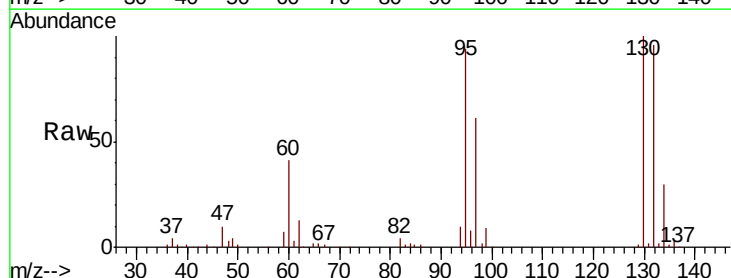
Acq: 15 Aug 2018 01:15

Tgt Ion: 130 Resp: 78855

Ion Ratio Lower Upper

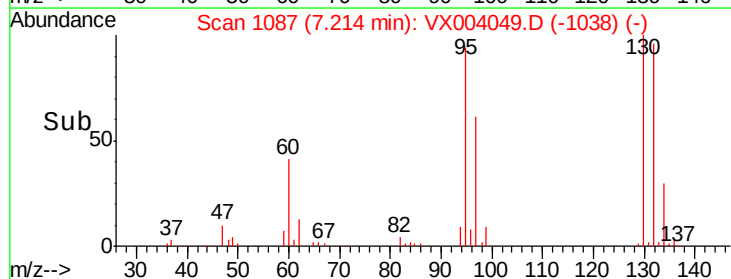
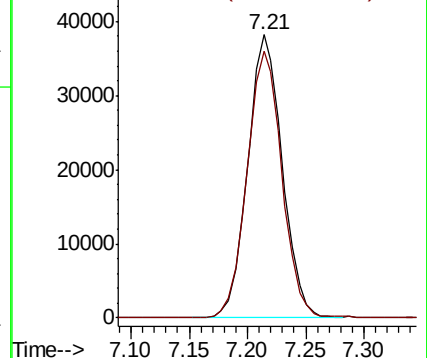
130 100

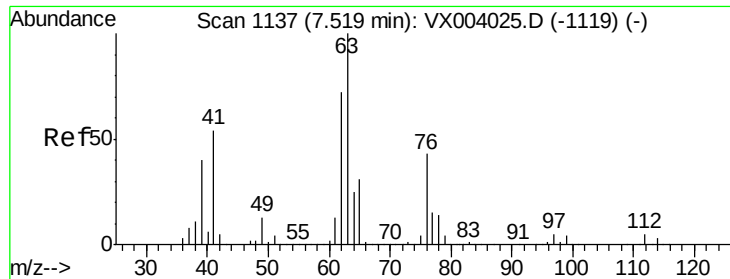
95 94.1 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

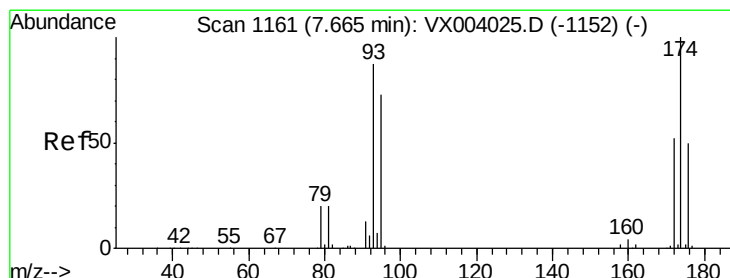
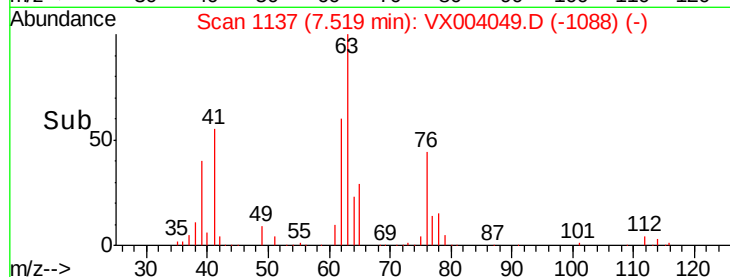
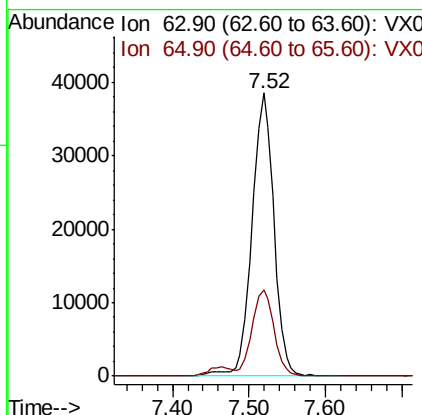
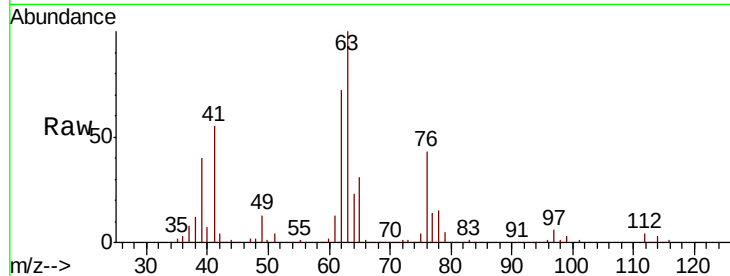




#45
 1,2-Dichloropropane
 Concen: 19.655 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

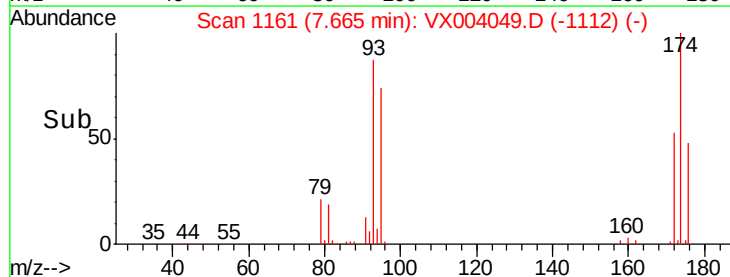
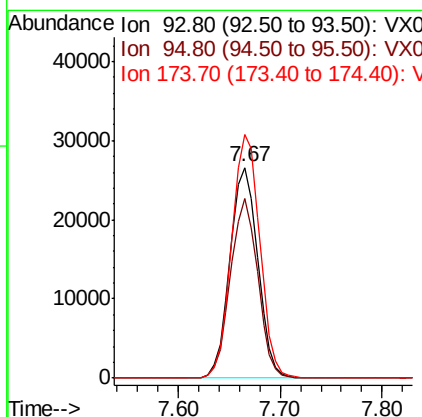
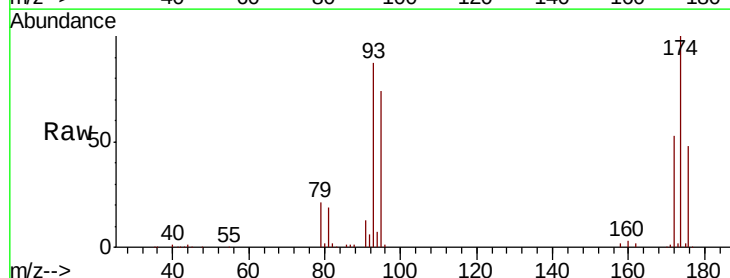
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

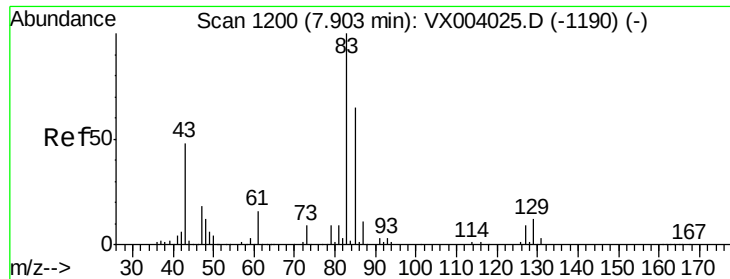
Tgt Ion: 63 Resp: 77444
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 19.545 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 93 Resp: 50327
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.4 99.6
 174 116.3 94.3 141.5





#47

Bromodichloromethane

Concen: 19.557 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

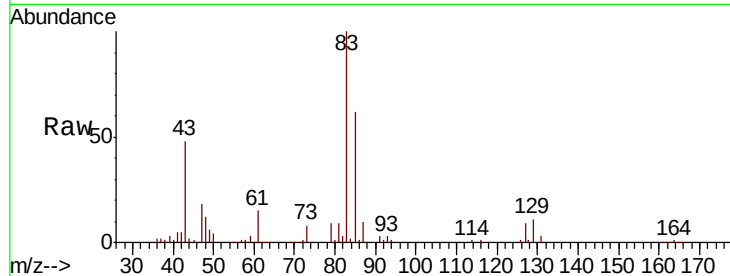
Tgt Ion: 83 Resp: 95377

Ion Ratio Lower Upper

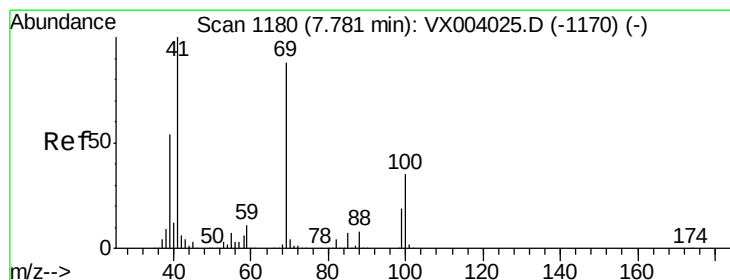
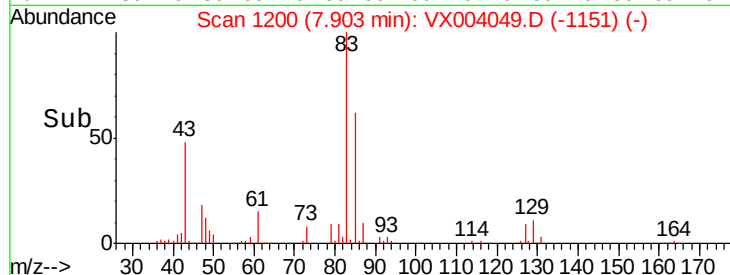
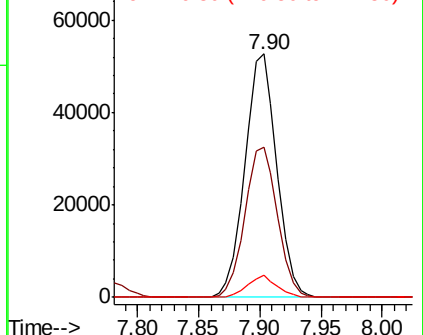
83 100

85 61.8 51.2 76.8

127 9.0 7.2 10.8



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: 19.501 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

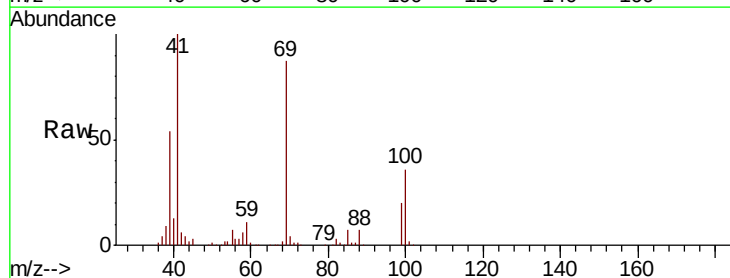
Tgt Ion: 41 Resp: 80768

Ion Ratio Lower Upper

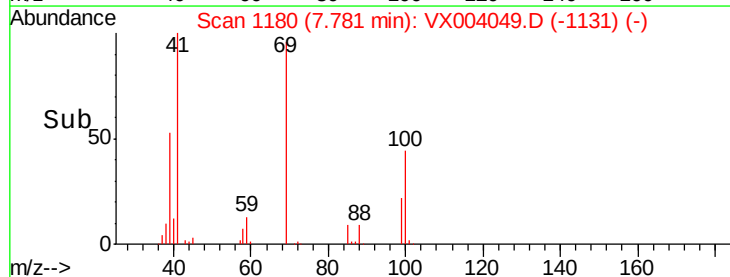
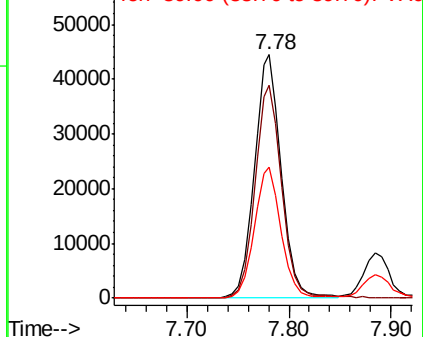
41 100

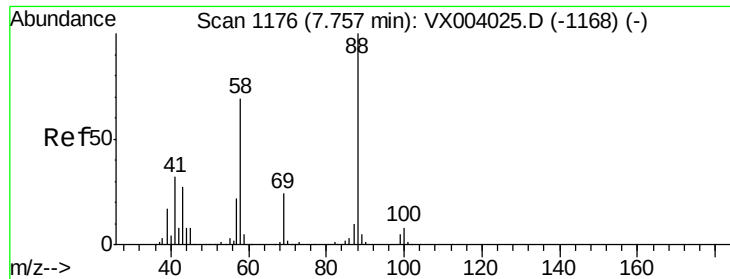
69 87.9 68.8 103.2

39 53.5 42.3 63.5



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

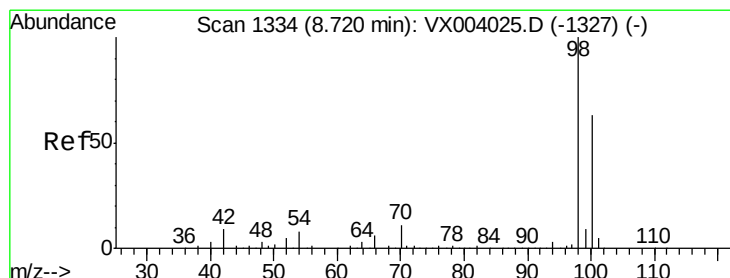
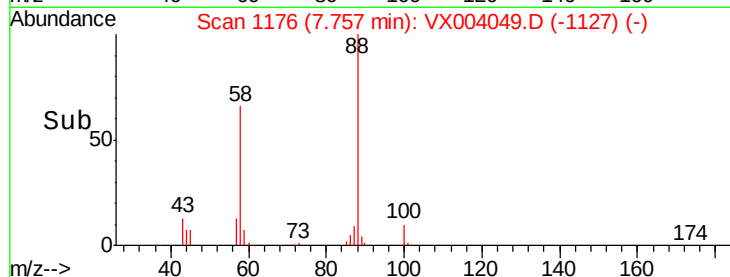
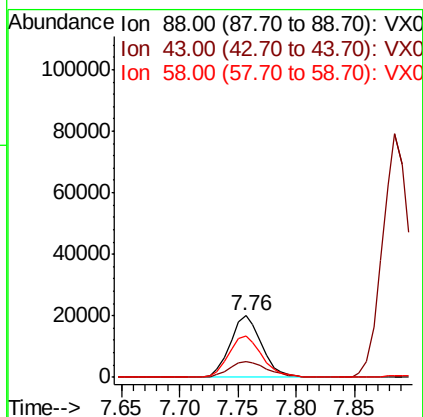
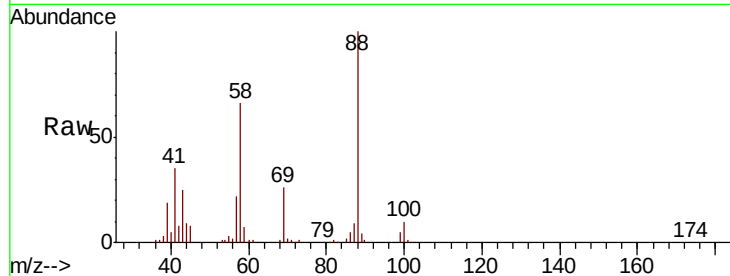




#49
 1,4-Dioxane
 Concen: 405.164 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

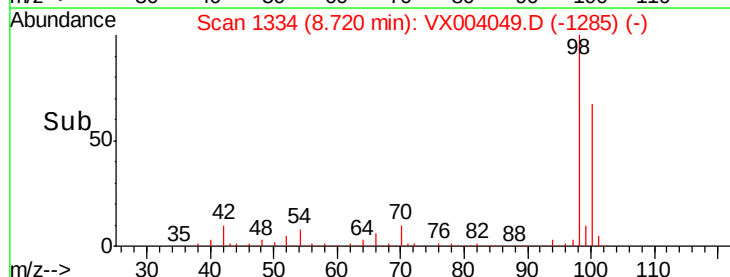
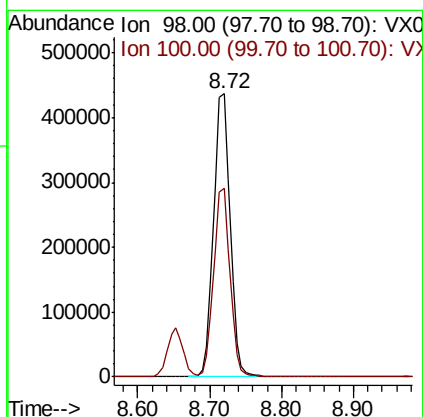
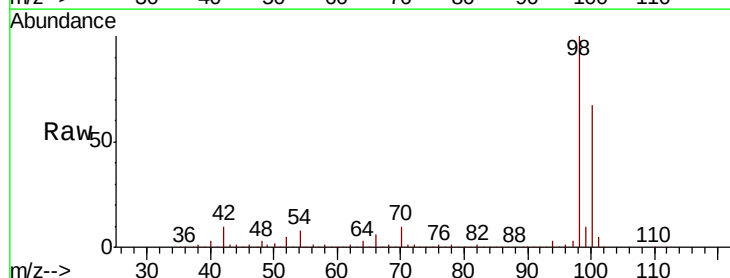
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

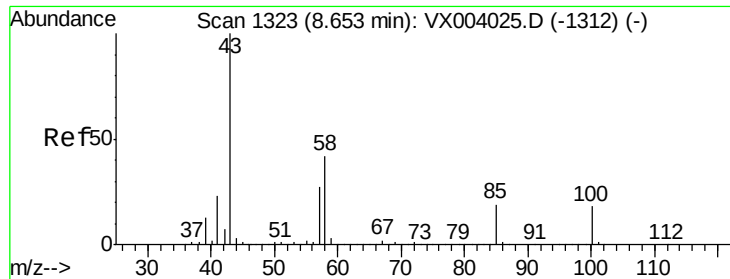
Tgt Ion: 88 Resp: 37781
 Ion Ratio Lower Upper
 88 100
 43 31.3 23.8 35.8
 58 70.5 55.4 83.0



#50
 Toluene-d8
 Concen: 50.996 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 98 Resp: 697048
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 101.422 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

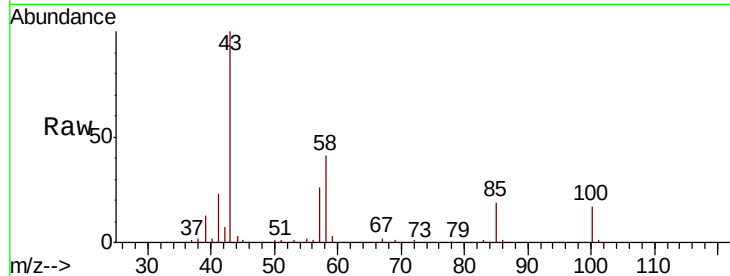
VX0814WBSD02

Tgt Ion: 43 Resp: 684225

Ion Ratio Lower Upper

43 100

58 40.5 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

500000

400000

300000

200000

100000

0

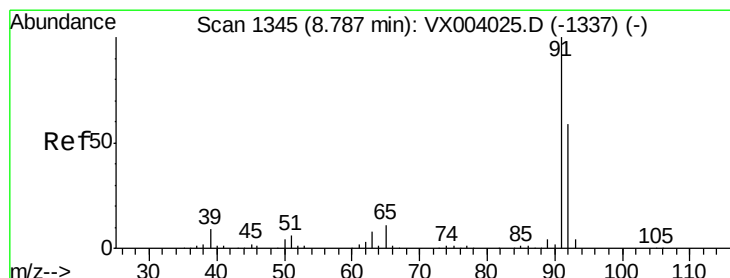
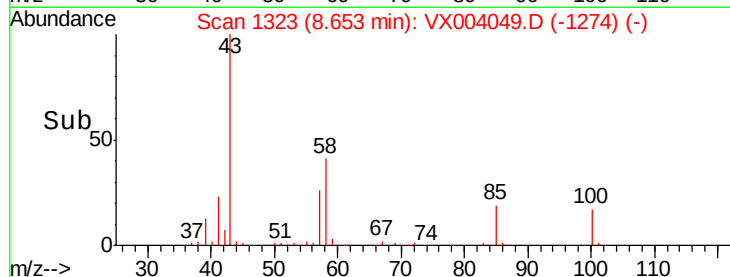
8.65

8.60

8.70

8.80

Time-->



#52

Toluene

Concen: 19.734 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004049.D

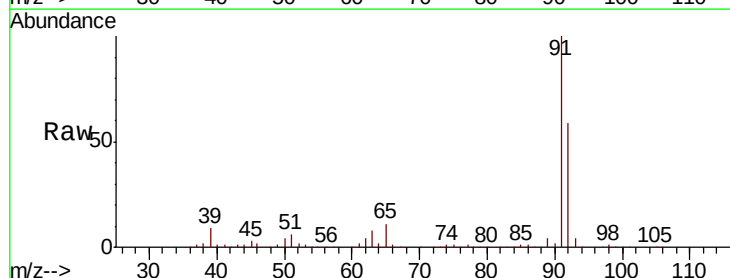
Acq: 15 Aug 2018 01:15

Tgt Ion: 92 Resp: 192096

Ion Ratio Lower Upper

92 100

91 171.1 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

100000

50000

0

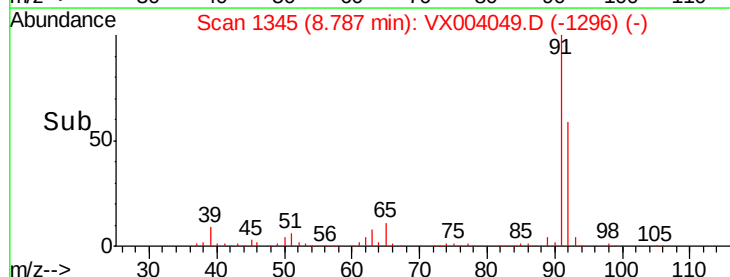
8.79

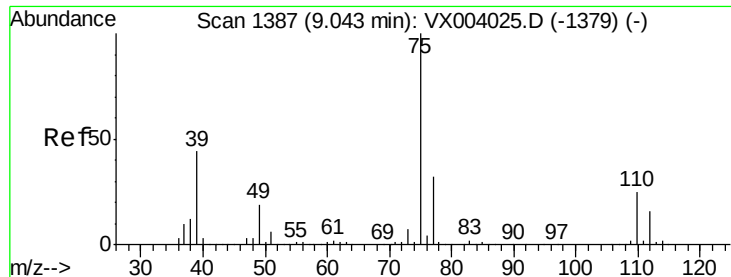
8.70

8.80

8.90

Time-->

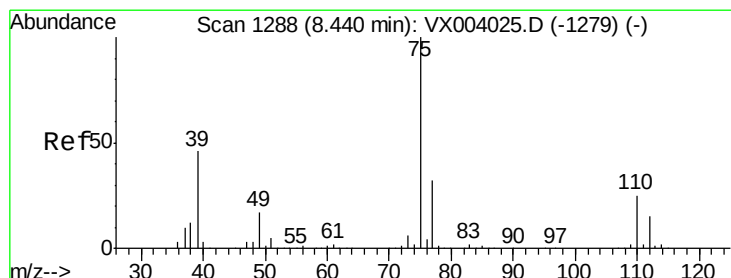
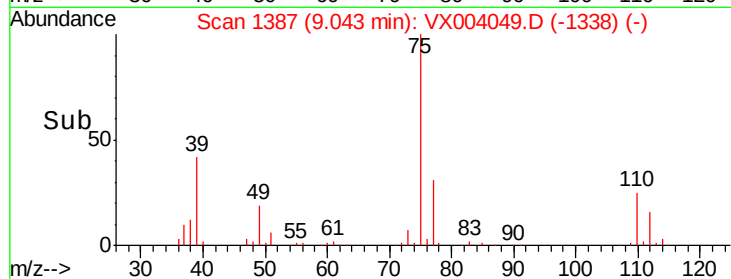
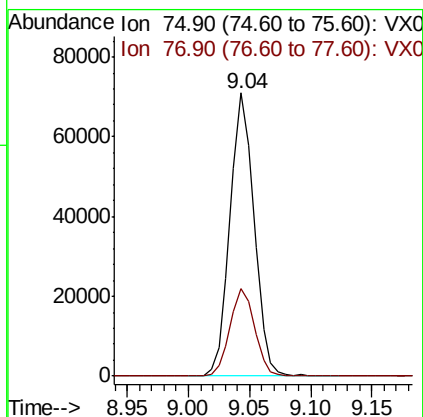
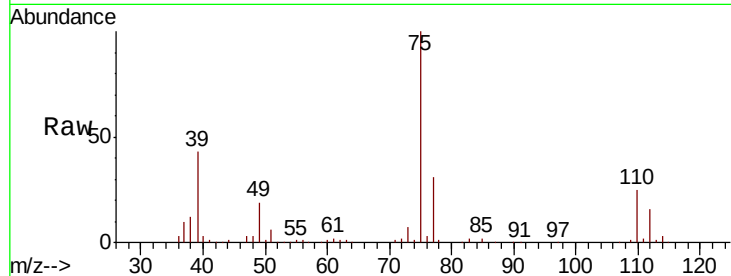




#53
 t-1,3-Dichloropropene
 Concen: 18.363 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

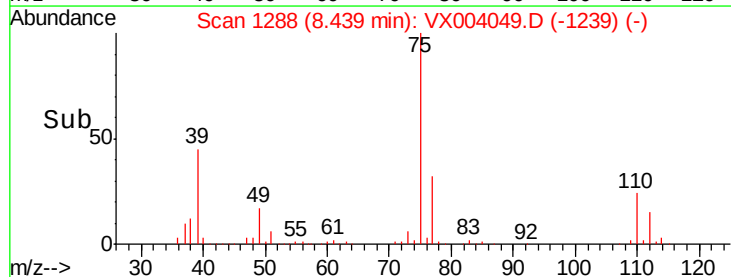
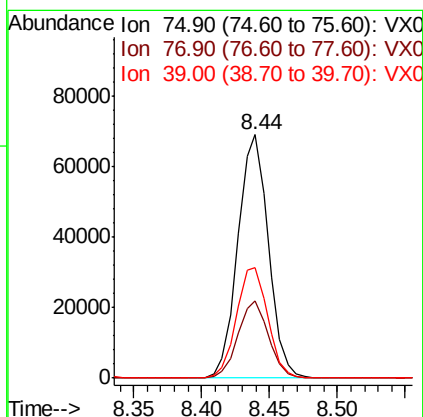
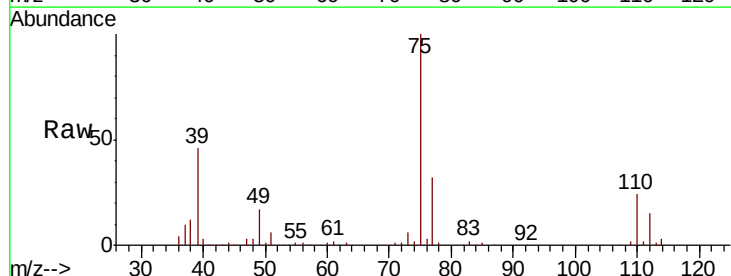
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

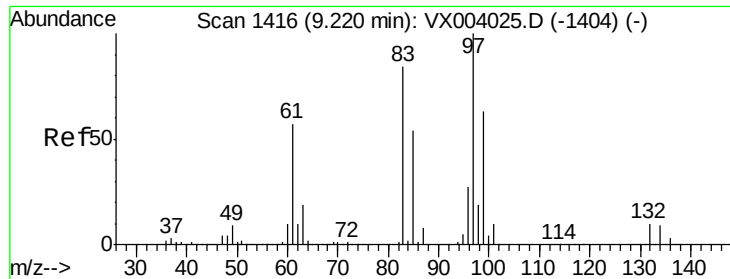
Tgt Ion: 75 Resp: 96742
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.558 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 75 Resp: 108275
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 45.4 36.2 54.2

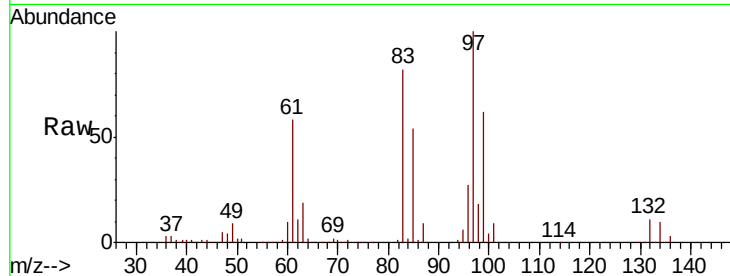




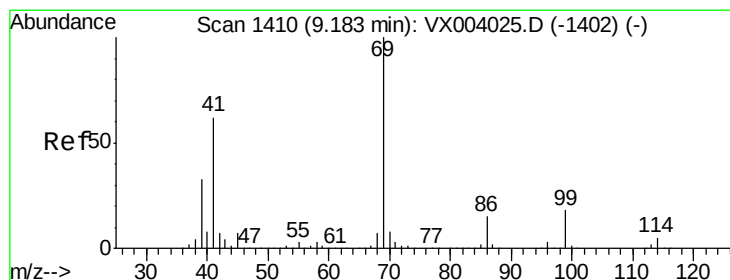
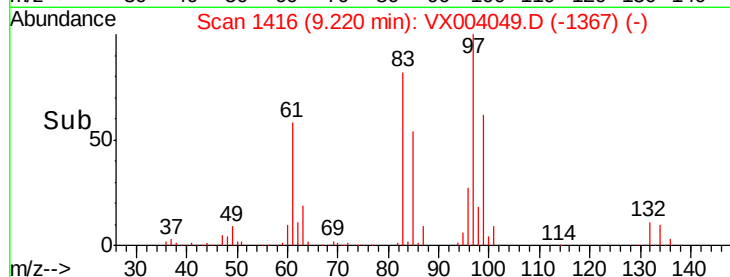
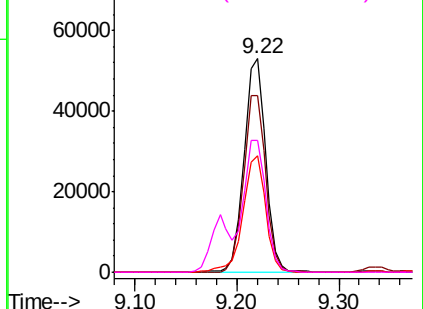
#55
 1,1,2-Trichloroethane
 Concen: 19.400 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

Tgt Ion: 97 Resp: 77985
 Ion Ratio Lower Upper
 97 100
 83 82.5 67.8 101.6
 85 54.3 44.2 66.2
 99 61.4 50.8 76.2

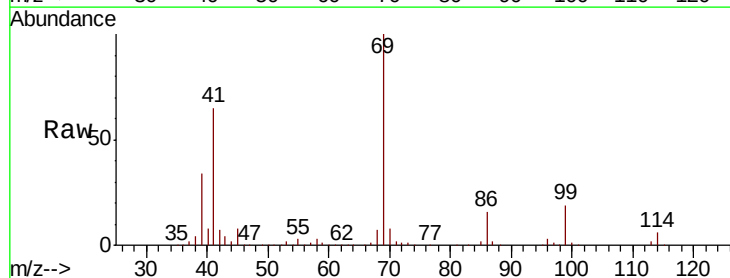


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

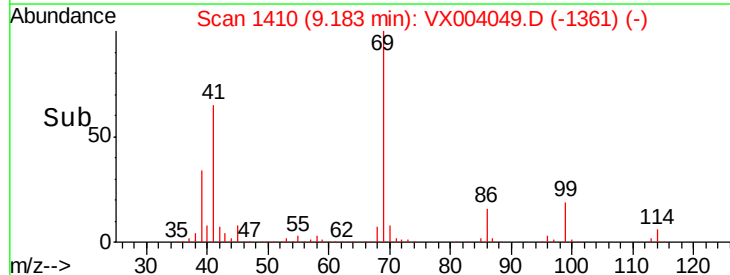
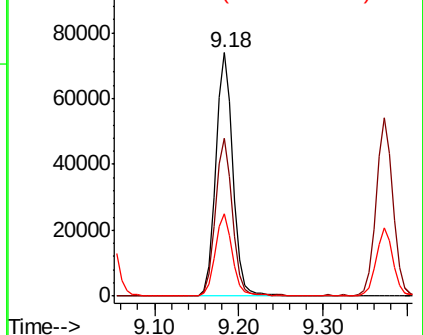


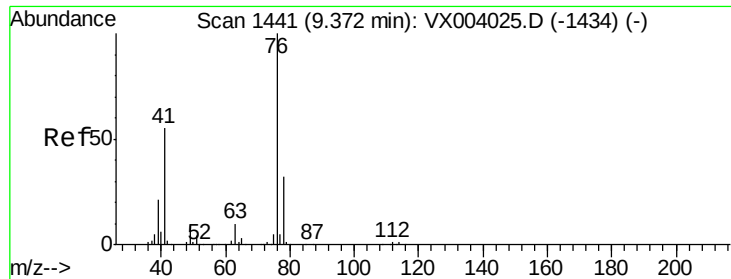
#56
 Ethyl methacrylate
 Concen: 19.063 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 69 Resp: 104204
 Ion Ratio Lower Upper
 69 100
 41 64.6 50.6 76.0
 39 33.3 25.8 38.6



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

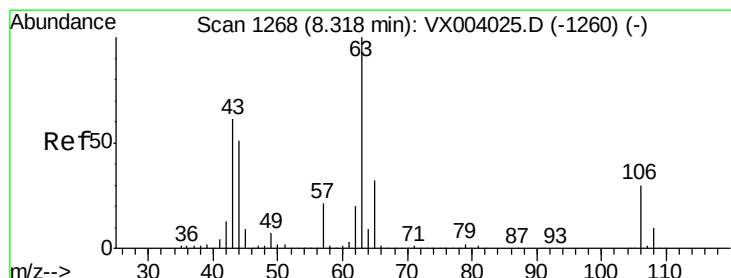
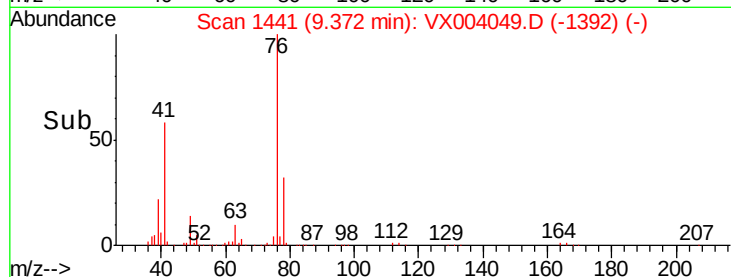
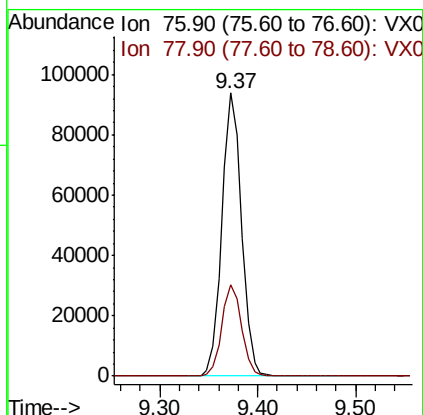
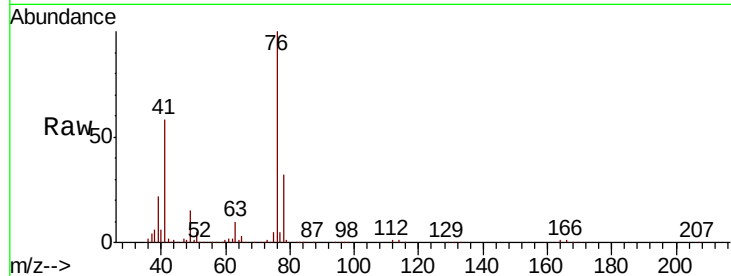




#57
 1,3-Dichloropropane
 Concen: 19.672 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

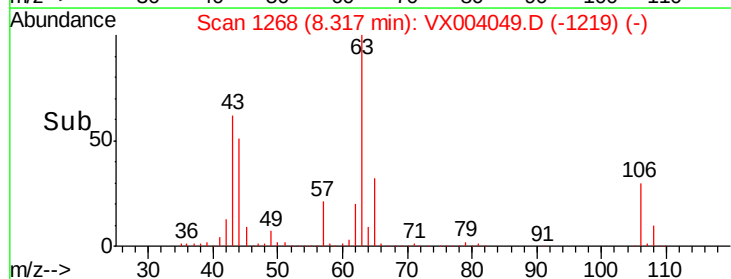
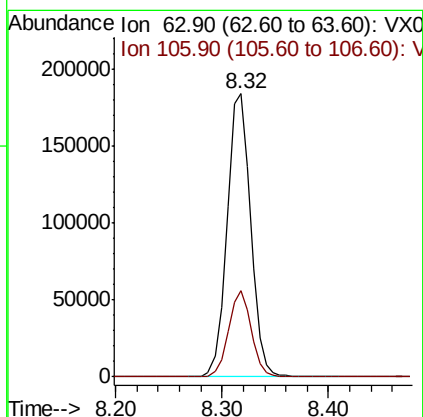
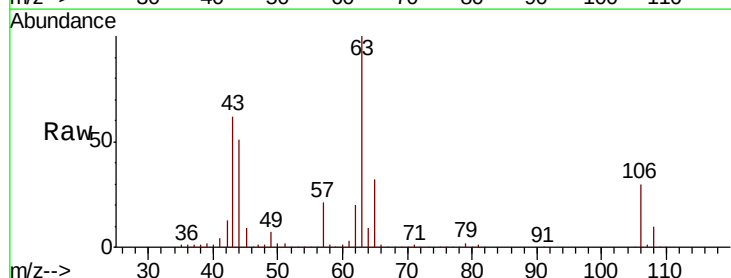
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

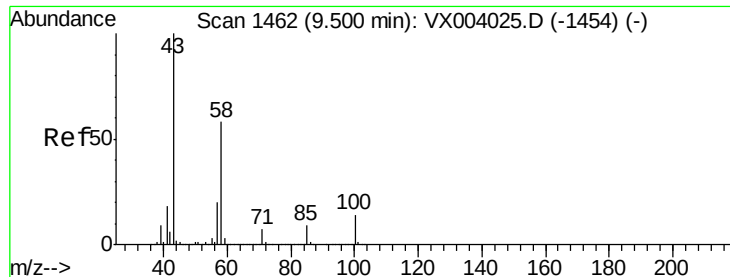
Tgt Ion: 76 Resp: 131201
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 102.452 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 63 Resp: 285173
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.8

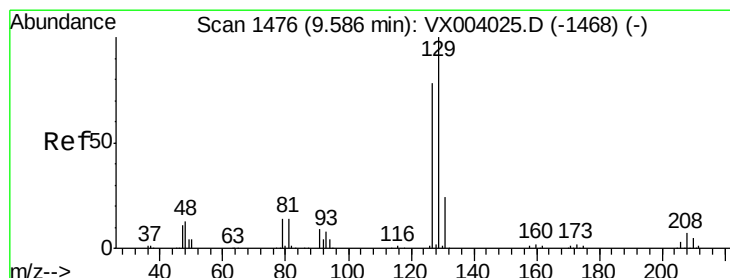
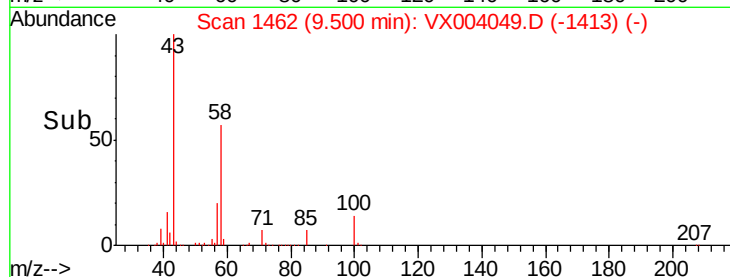
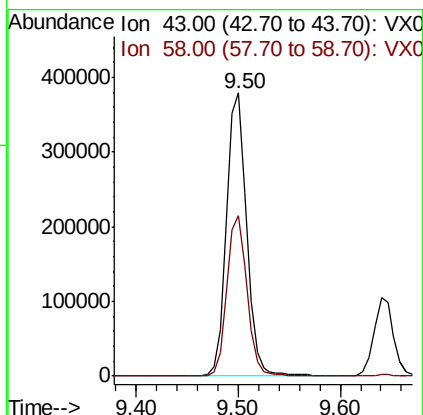
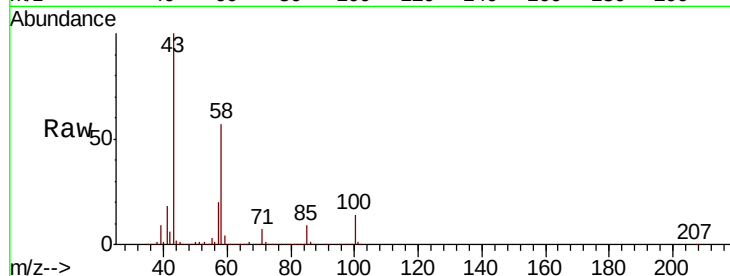




#59
2-Hexanone
Concen: 101.800 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

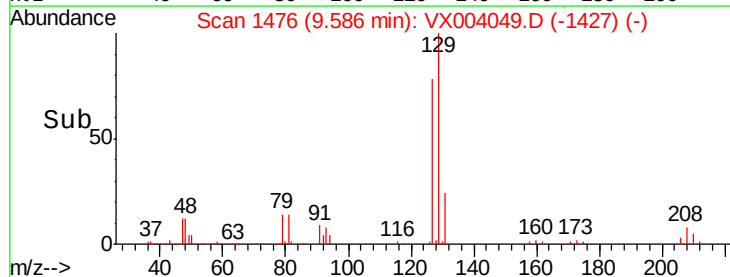
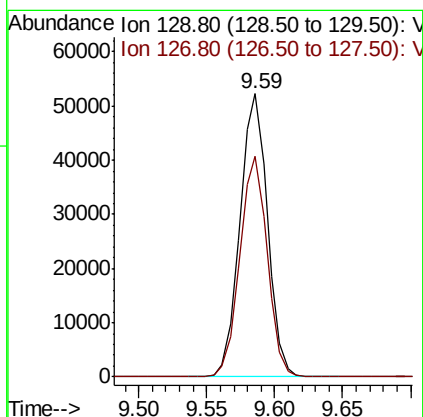
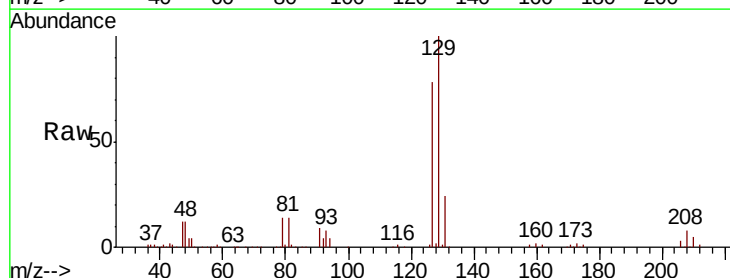
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

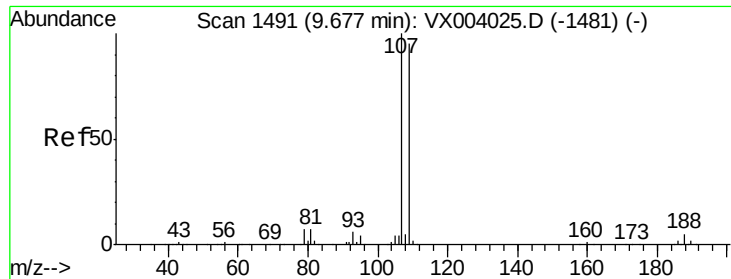
Tgt Ion: 43 Resp: 516871
Ion Ratio Lower Upper
43 100
58 56.7 29.0 87.0



#60
Dibromochloromethane
Concen: 19.127 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 129 Resp: 73989
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.752 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

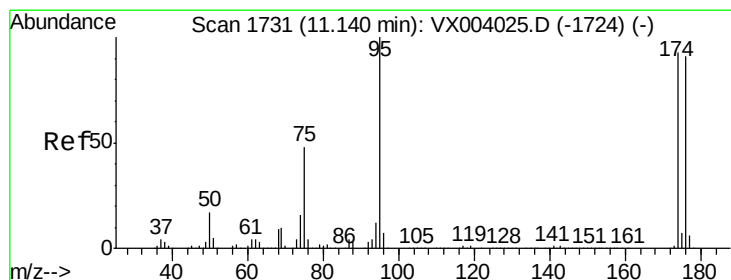
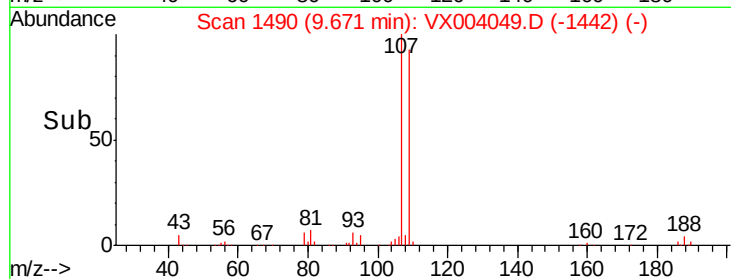
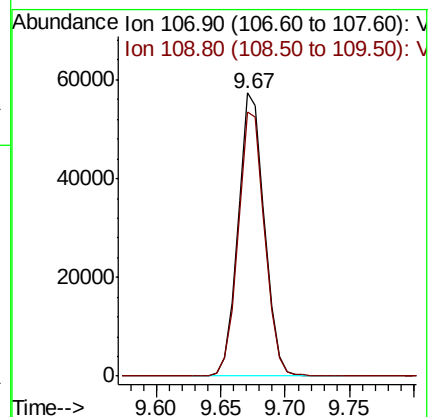
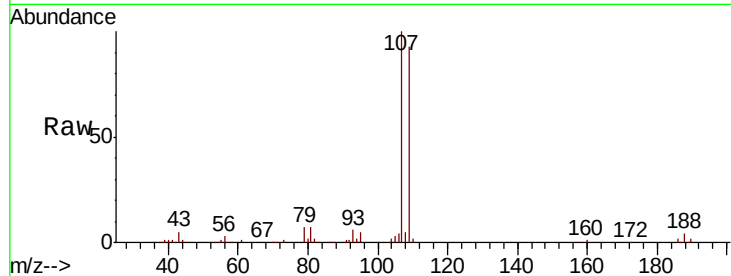
VX0814WBSD02

Tgt Ion: 107 Resp: 80940

Ion Ratio Lower Upper

107 100

109 94.5 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 50.870 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

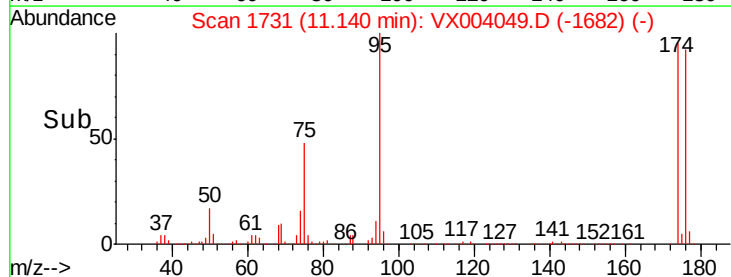
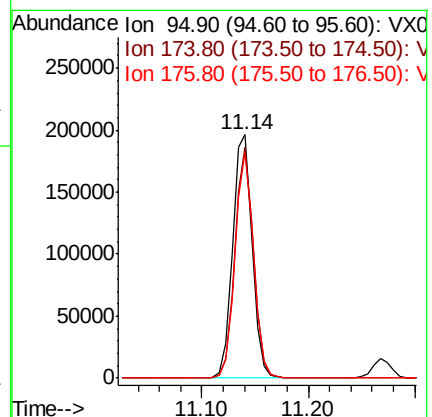
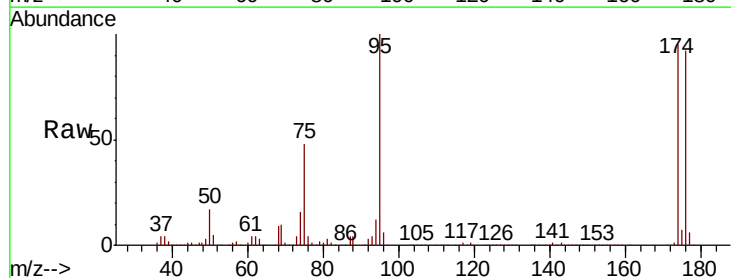
Tgt Ion: 95 Resp: 252190

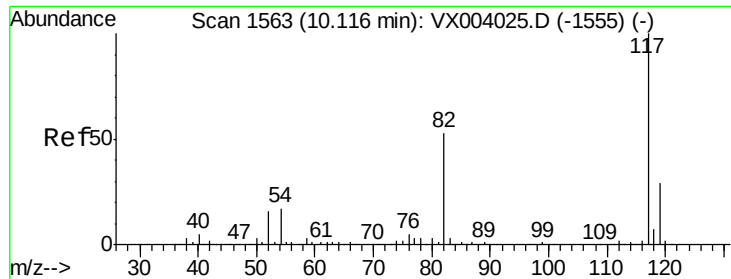
Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.8

176 88.1 0.0 179.0

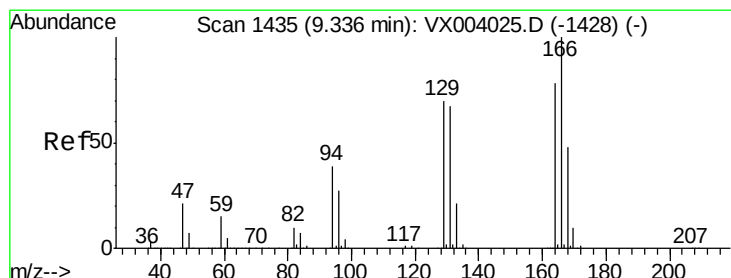
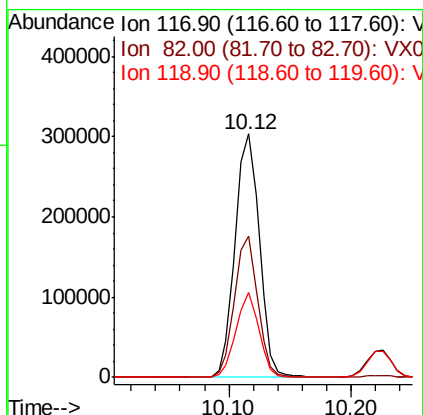
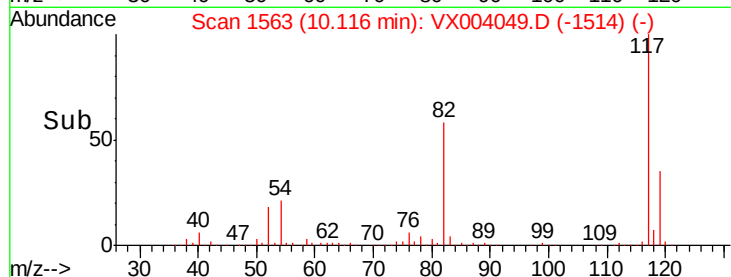
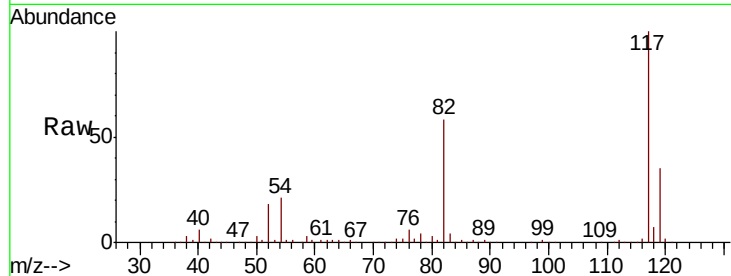




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

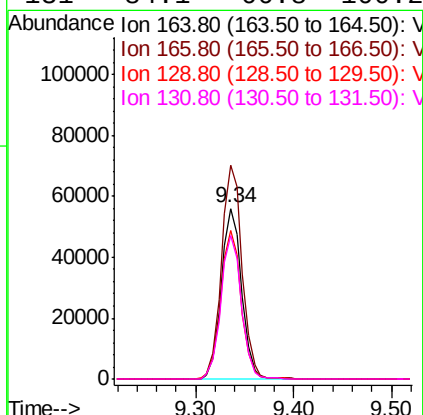
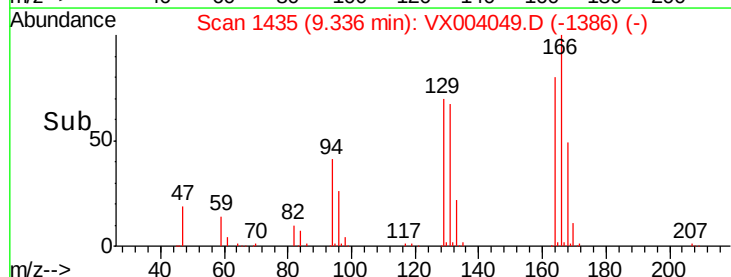
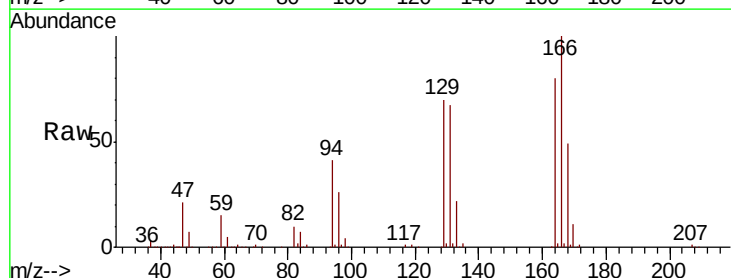
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

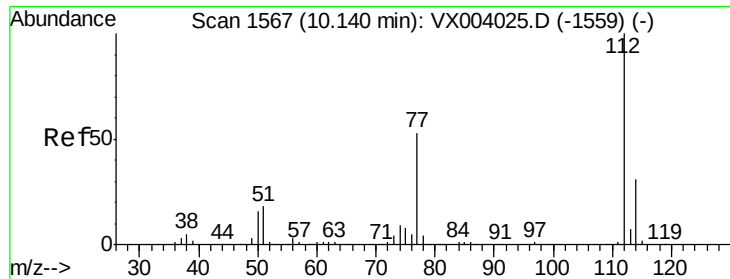
Tgt Ion:117 Resp: 415768
Ion Ratio Lower Upper
117 100
82 58.2 45.4 68.0
119 34.7 26.6 40.0



#64
Tetrachloroethene
Concen: 20.476 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion:164 Resp: 80687
Ion Ratio Lower Upper
164 100
166 125.3 98.0 147.0
129 87.4 64.3 96.5
131 84.1 66.8 100.2

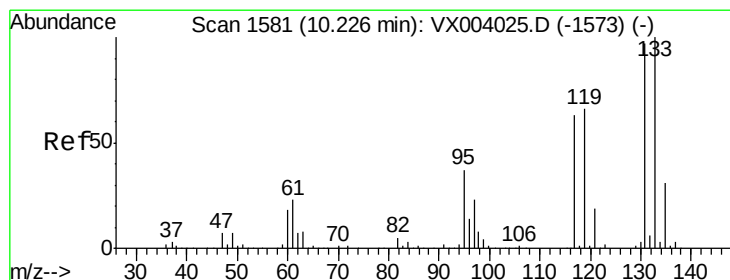
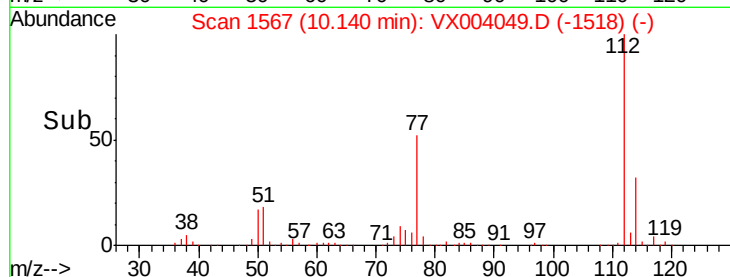
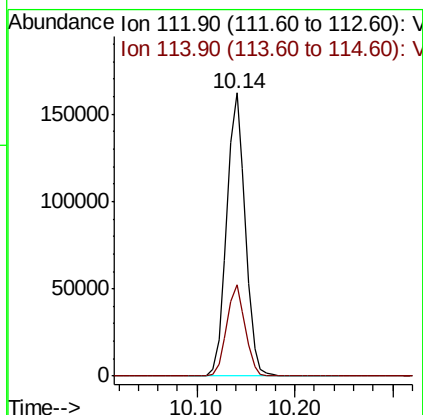
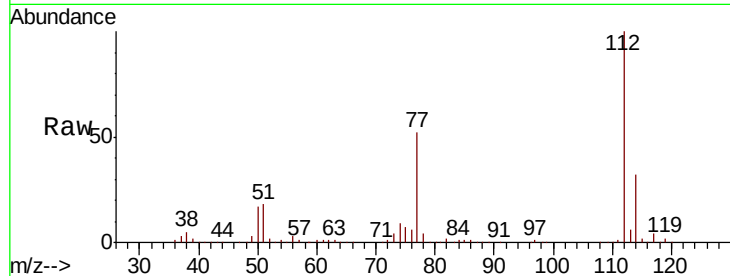




#65
Chlorobenzene
Concen: 19.903 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

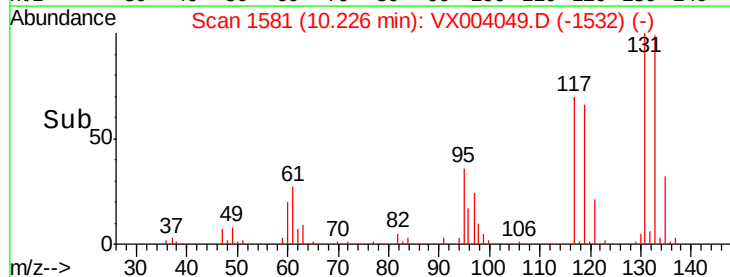
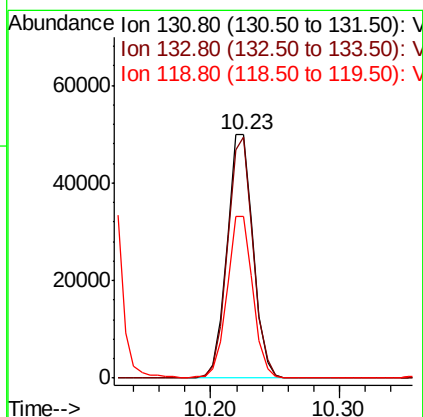
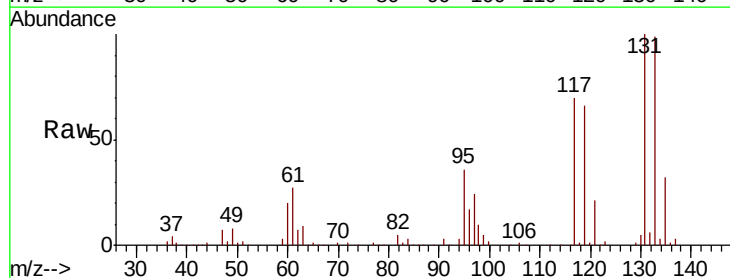
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

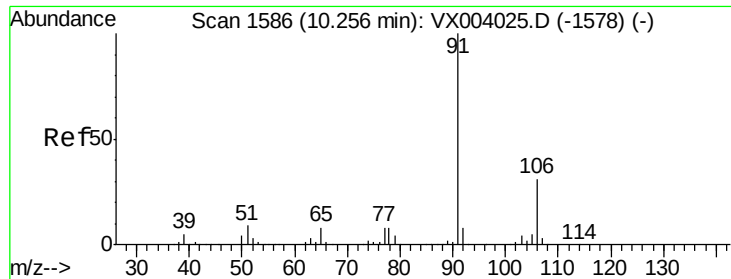
Tgt Ion:112 Resp: 213754
Ion Ratio Lower Upper
112 100
114 32.3 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion:131 Resp: 71051
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.8
119 65.6 31.6 94.8

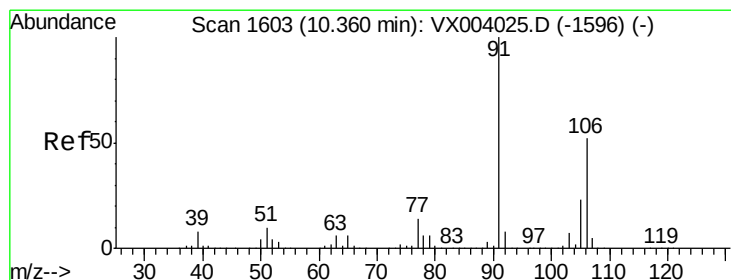
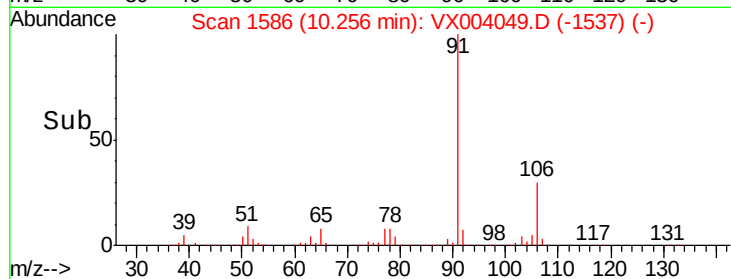
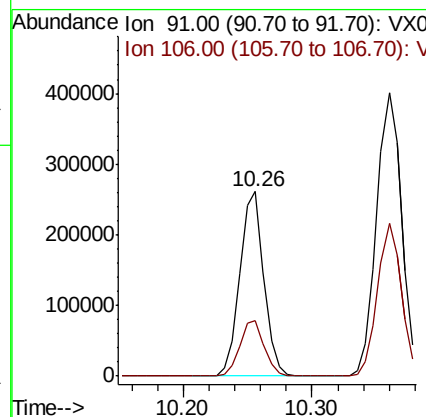
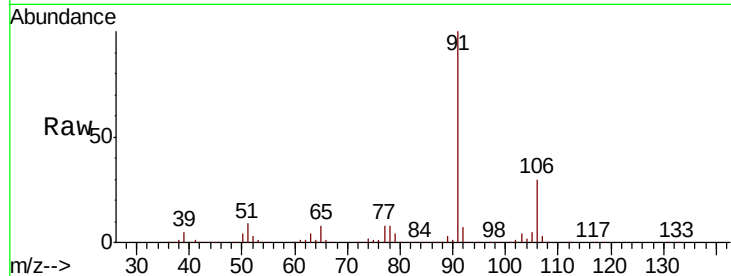




#67
 Ethyl Benzene
 Concen: 20.004 ug/l
 RT: 10.26 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

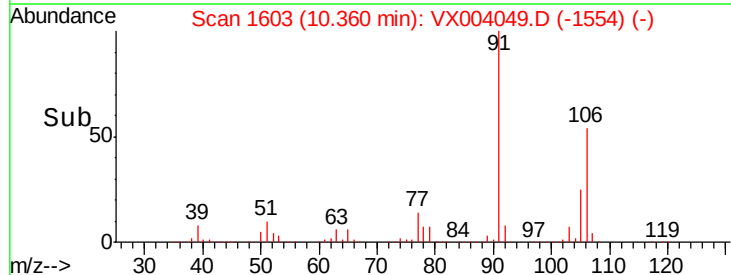
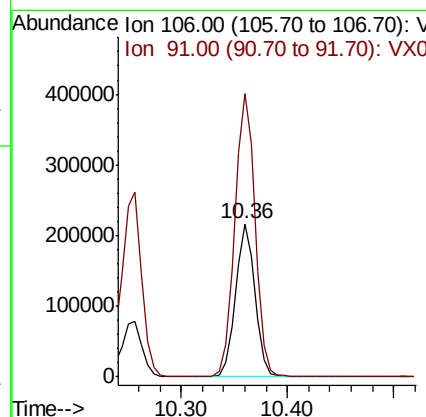
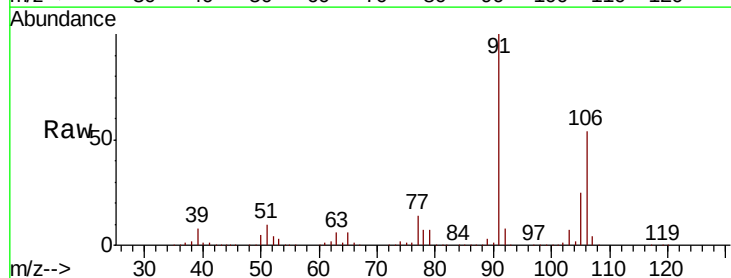
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

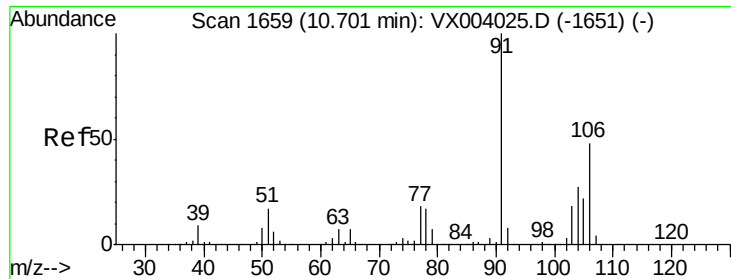
Tgt Ion: 91 Resp: 340203
 Ion Ratio Lower Upper
 91 100
 106 30.0 25.9 38.9



#68
 m/p-Xylenes
 Concen: 41.586 ug/l
 RT: 10.36 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 106 Resp: 276948
 Ion Ratio Lower Upper
 106 100
 91 193.6 162.3 243.5

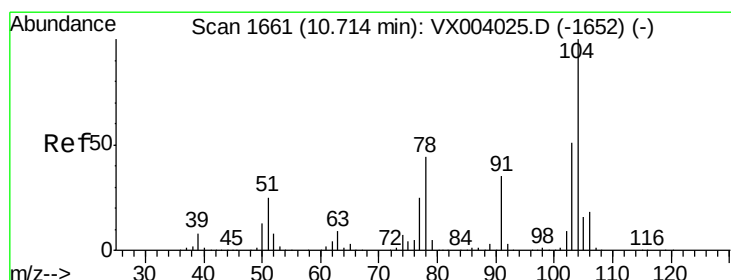
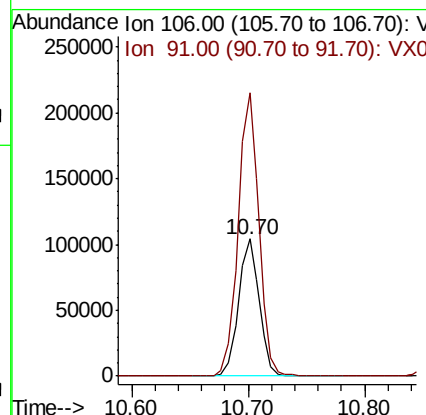
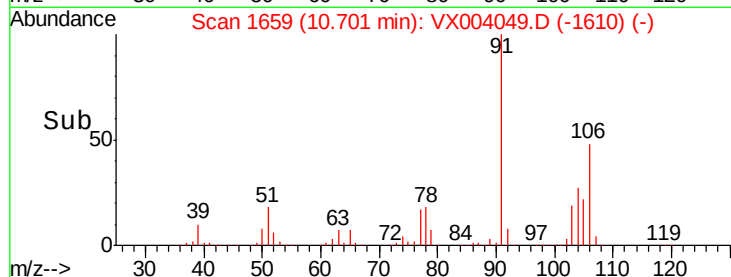
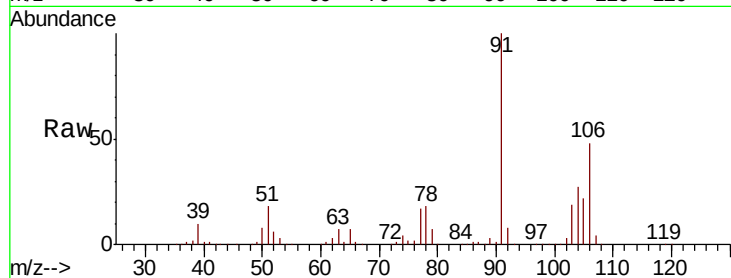




#69
o-Xylene
Concen: 20.320 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

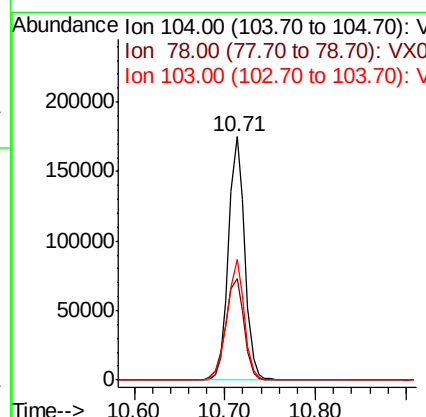
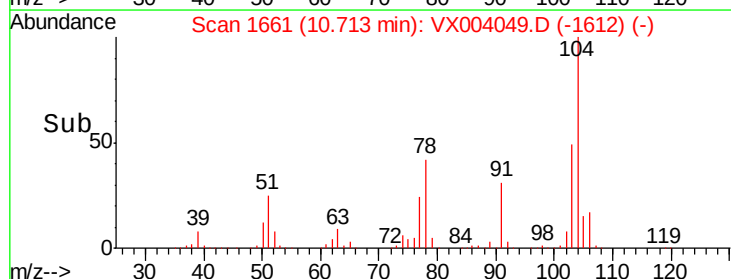
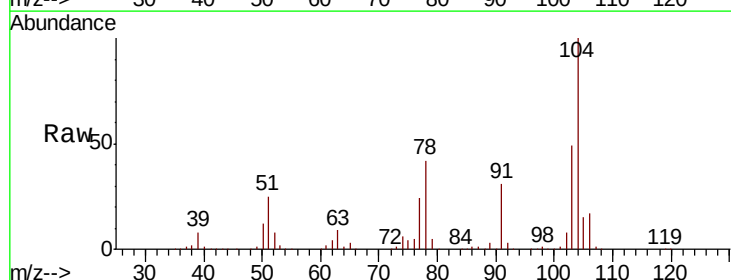
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

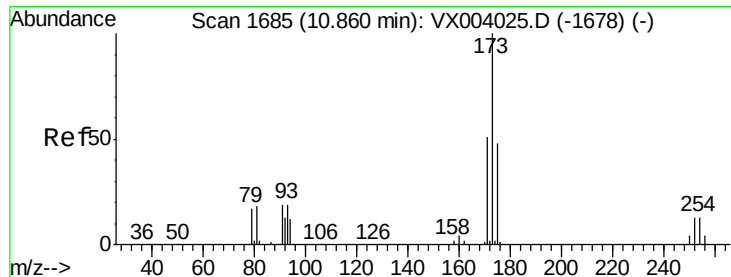
Tgt Ion:106 Resp: 129324
Ion Ratio Lower Upper
106 100
91 206.9 101.9 305.7



#70
Styrene
Concen: 20.334 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion:104 Resp: 217803
Ion Ratio Lower Upper
104 100
78 47.8 39.8 59.6
103 53.2 44.3 66.5





#71

Bromoform

Concen: 18.923 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

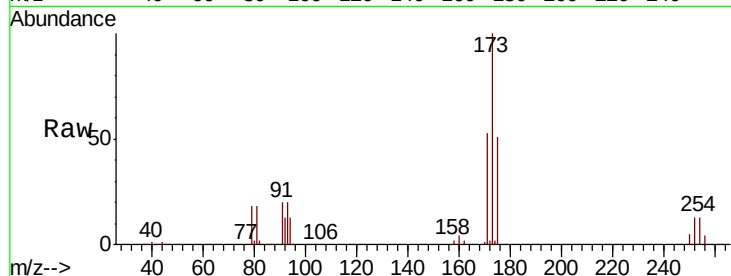
Tgt Ion:173 Resp: 54966

Ion Ratio Lower Upper

173 100

175 48.9 24.9 74.7

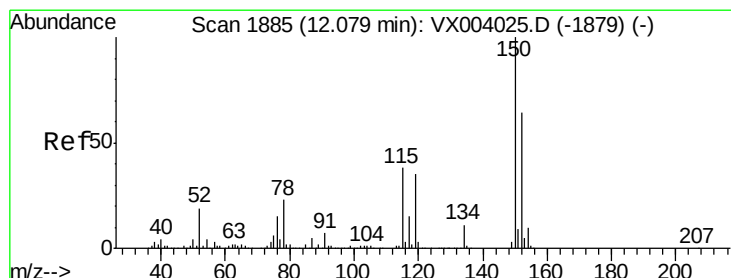
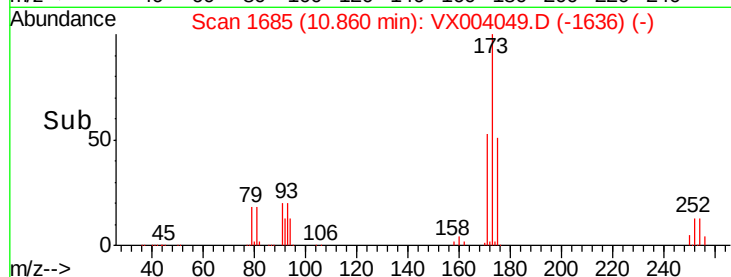
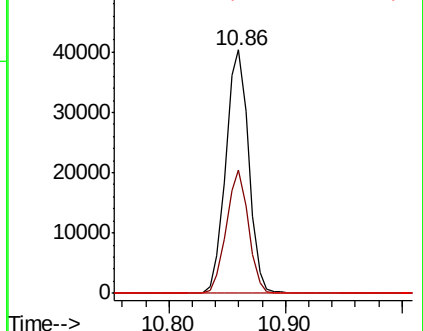
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

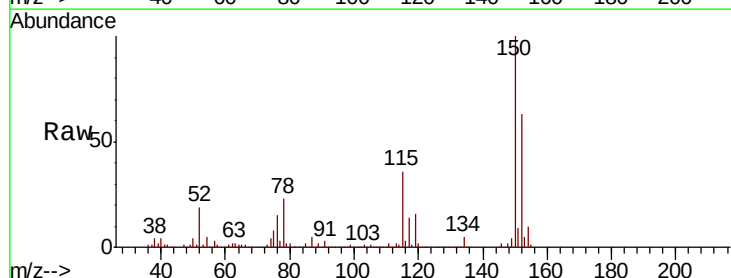
Tgt Ion:152 Resp: 258327

Ion Ratio Lower Upper

152 100

115 63.6 39.1 117.3

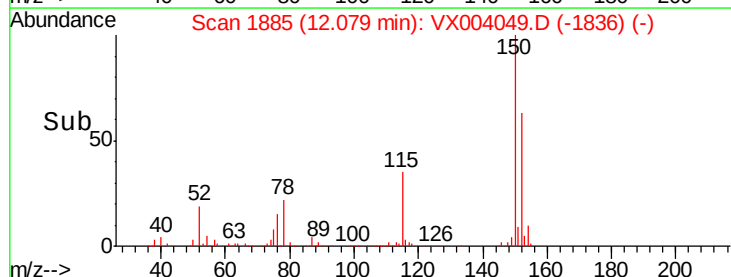
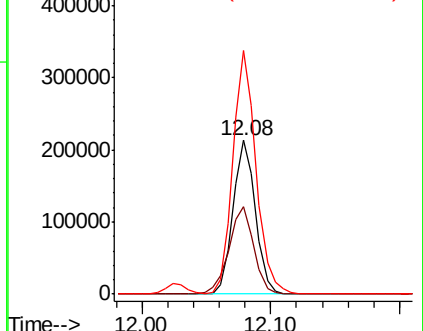
150 164.0 0.0 349.2

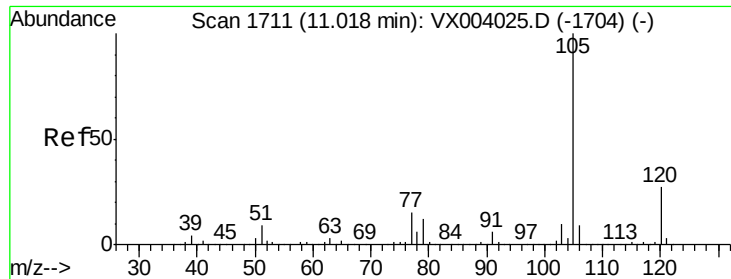


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.415 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

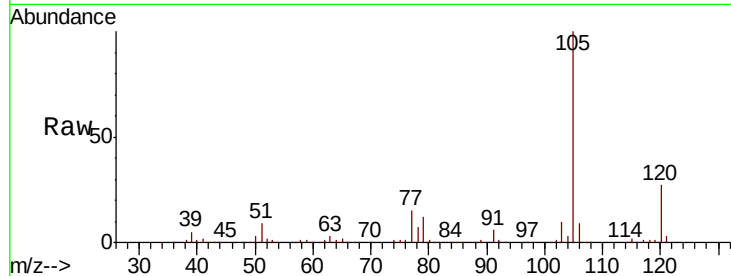
VX0814WBSD02

Tgt Ion: 105 Resp: 356897

Ion Ratio Lower Upper

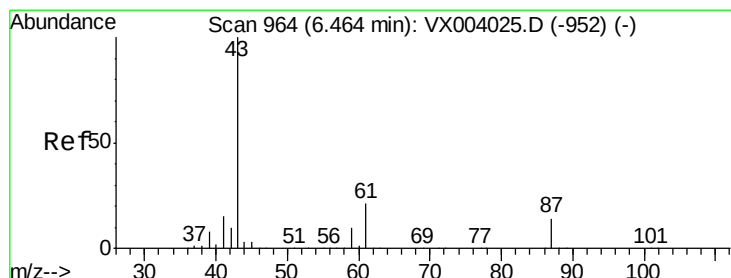
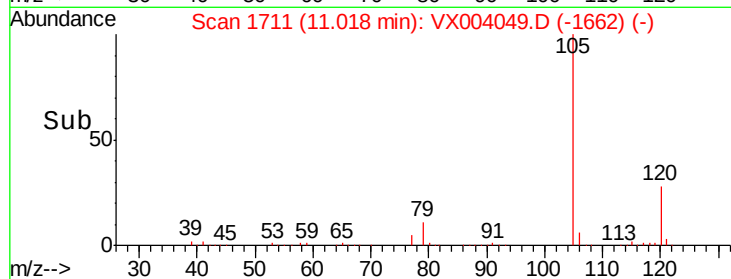
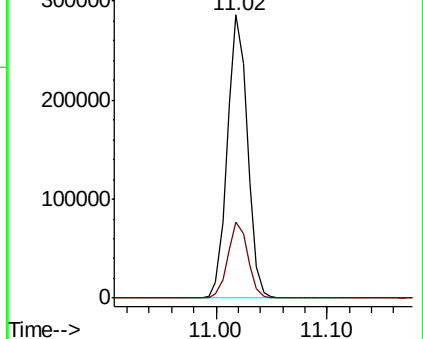
105 100

120 26.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 19.066 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Tgt Ion: 43 Resp: 156771

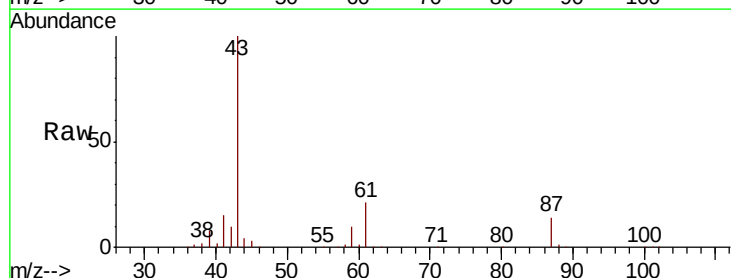
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3

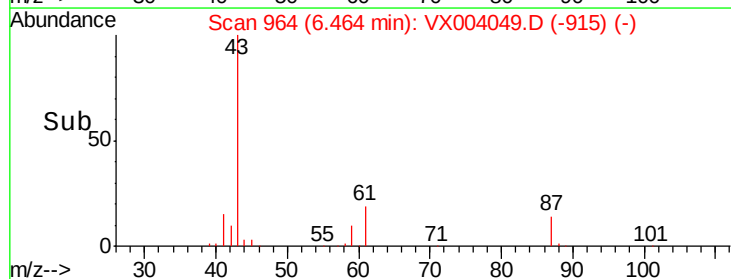
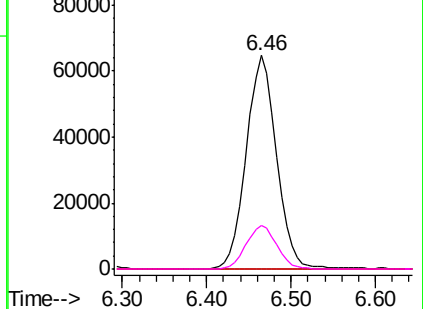


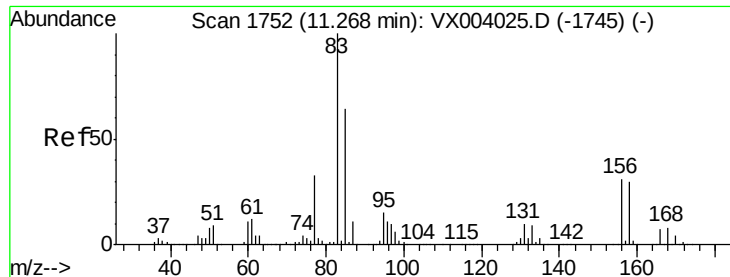
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.817 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

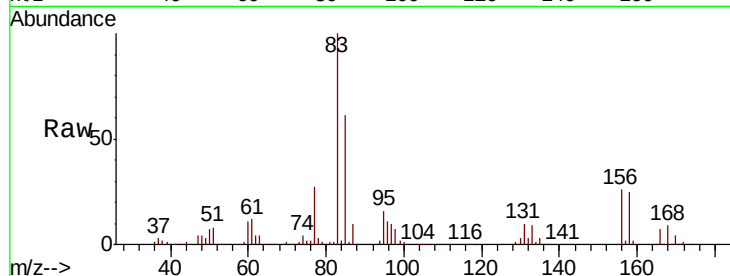
Tgt Ion: 83 Resp: 120982

Ion Ratio Lower Upper

83 100

131 10.2 5.2 15.6

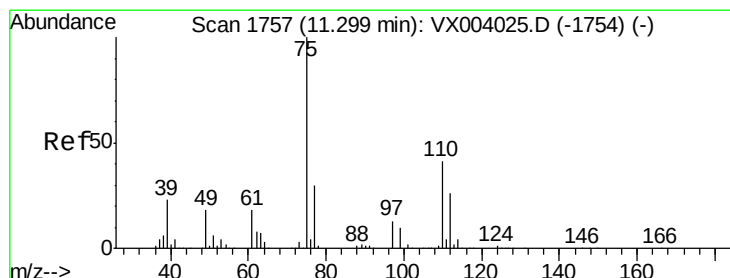
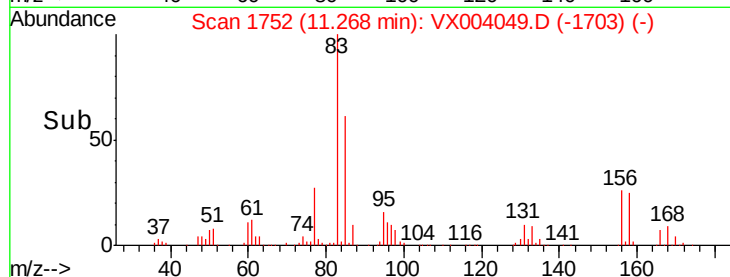
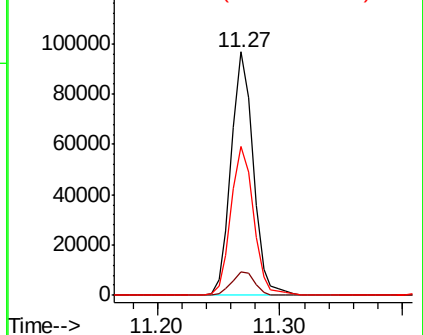
85 62.7 32.2 96.6



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: 24.859 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004049.D

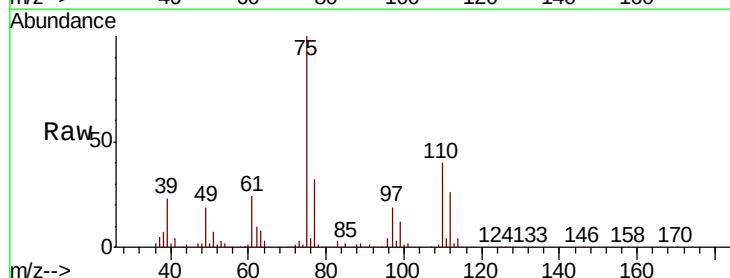
Acq: 15 Aug 2018 01:15

Tgt Ion: 75 Resp: 128784

Ion Ratio Lower Upper

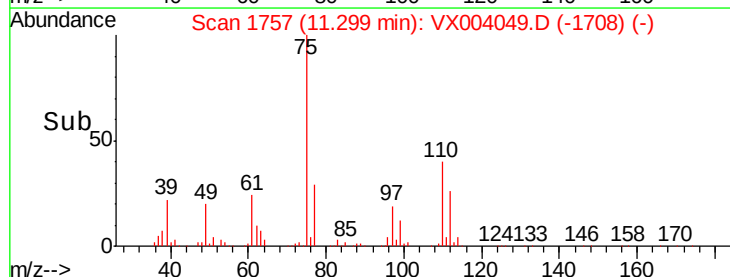
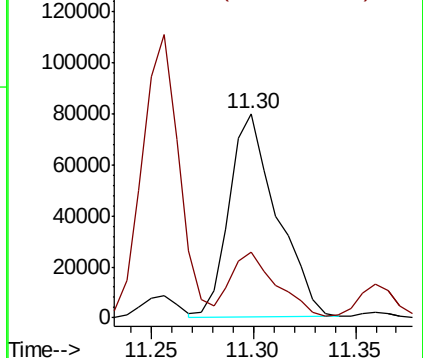
75 100

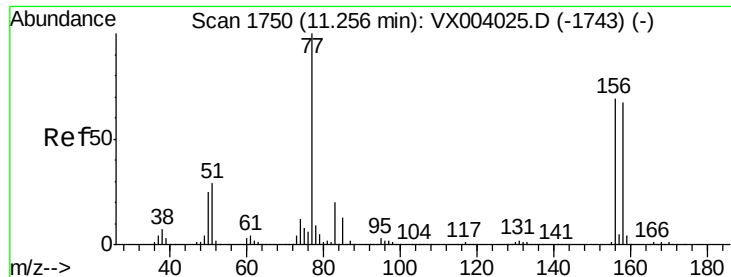
77 31.4 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.997 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBSD02

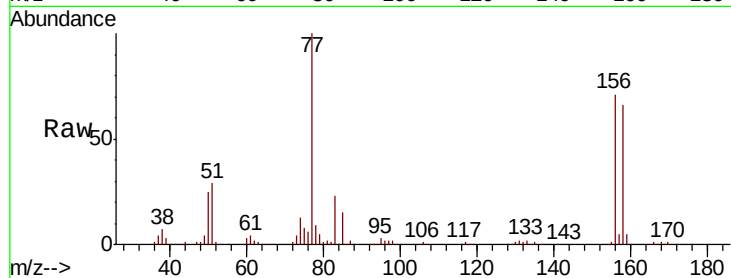
Tgt Ion:156 Resp: 96366

Ion Ratio Lower Upper

156 100

77 144.8 74.1 222.2

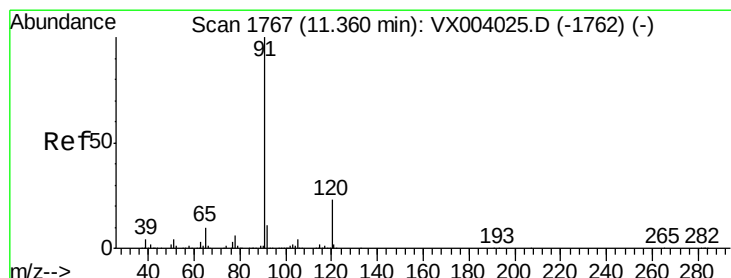
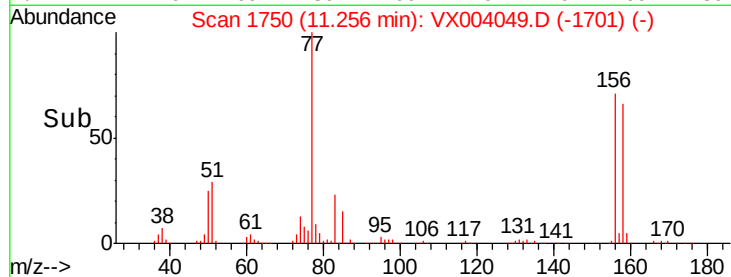
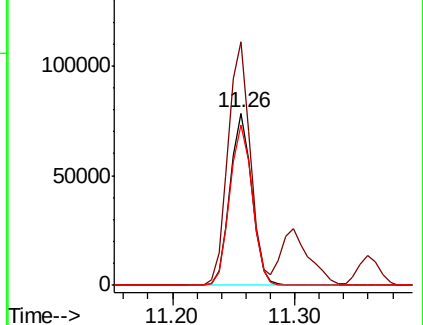
158 96.0 48.6 145.9



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: 20.179 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004049.D

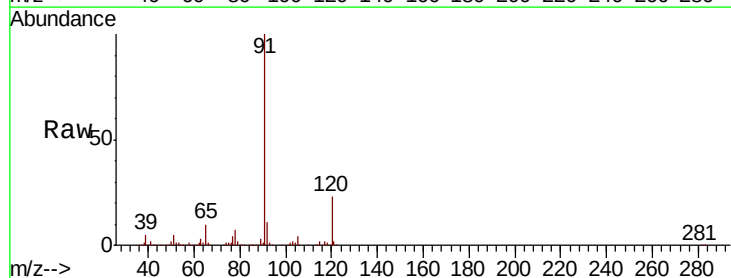
Acq: 15 Aug 2018 01:15

Tgt Ion: 91 Resp: 394776

Ion Ratio Lower Upper

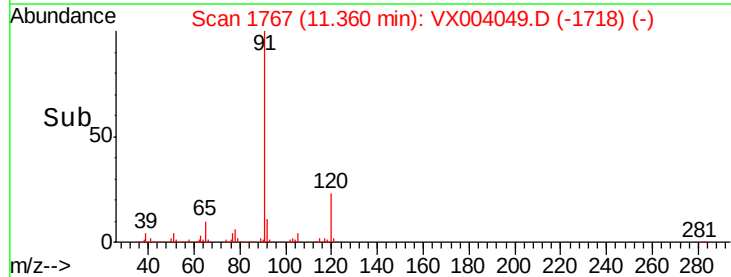
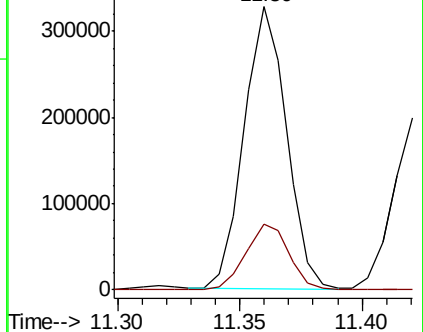
91 100

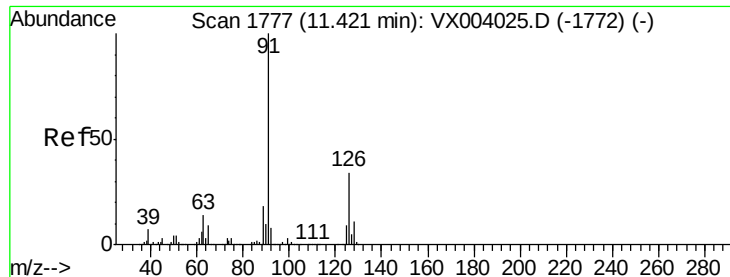
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

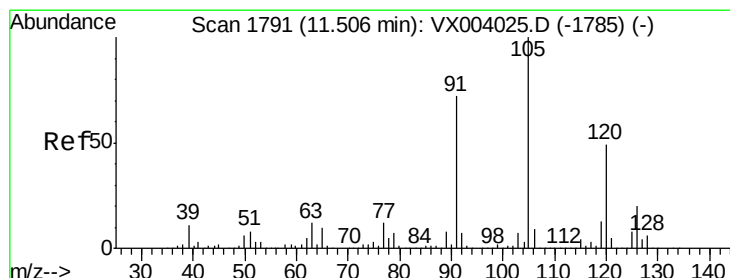
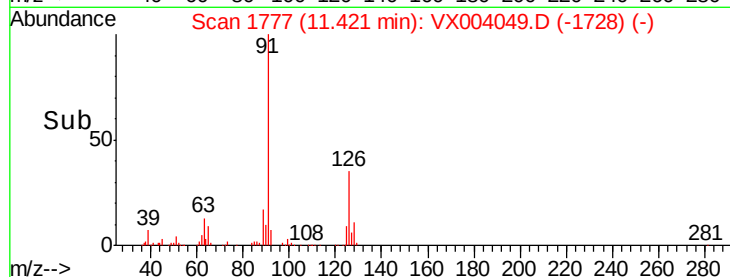
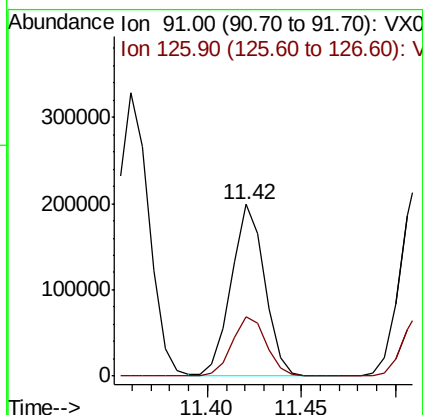
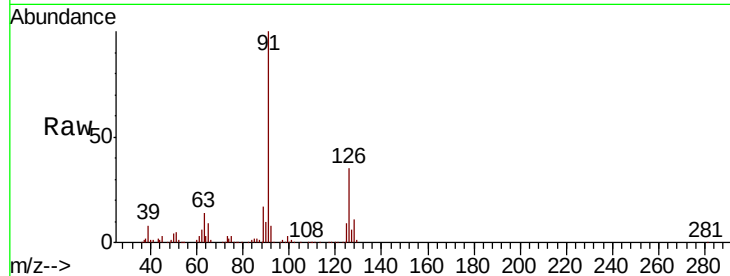




#79
 2-Chlorotoluene
 Concen: 20.469 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

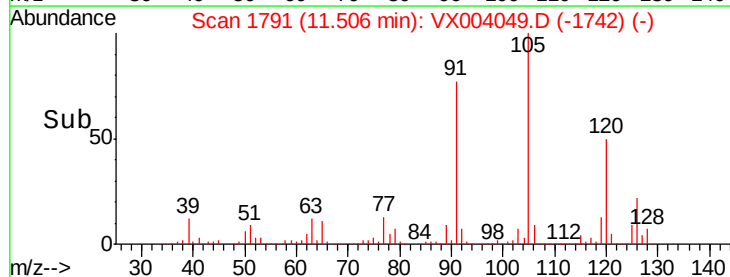
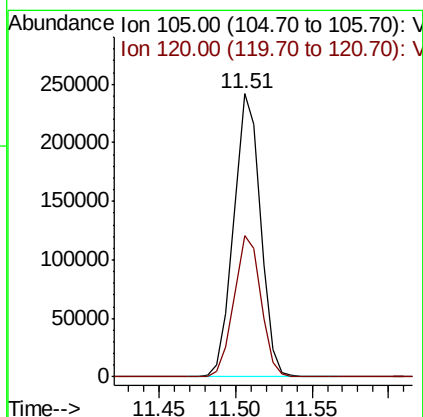
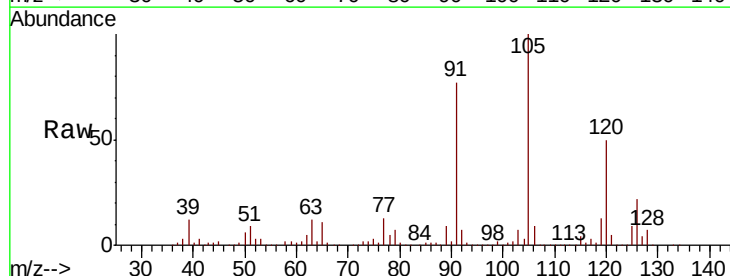
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

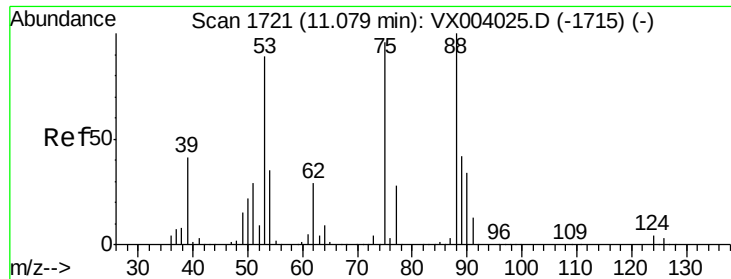
Tgt Ion: 91 Resp: 244045
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.522 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 105 Resp: 293752
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.2

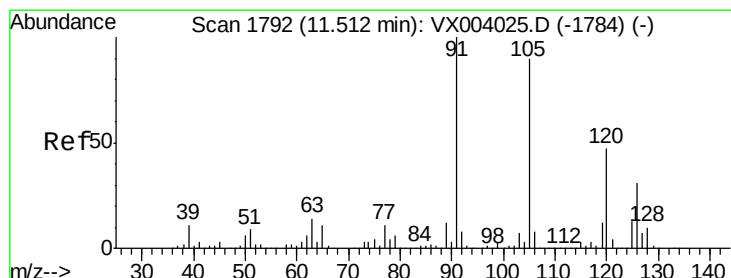
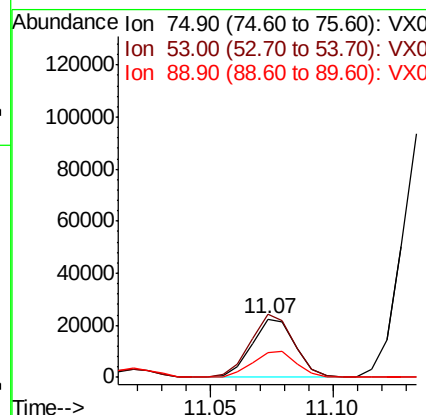
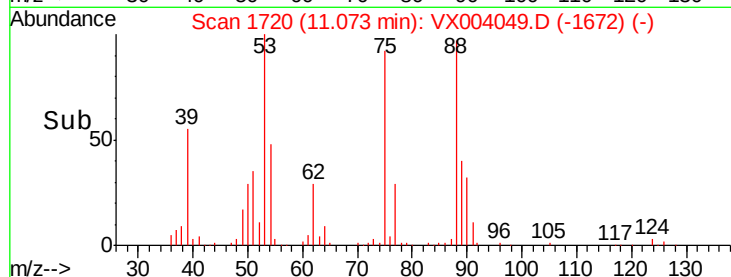
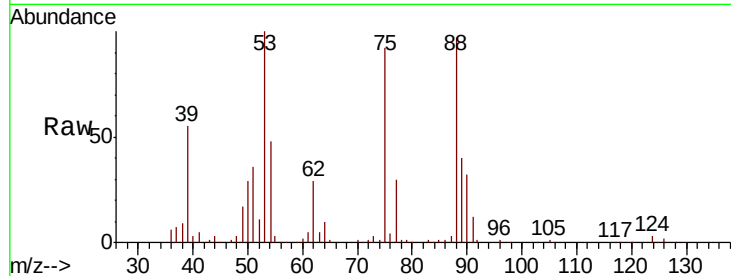




#81
trans-1,4-Dichloro-2-butene
Concen: 16.651 ug/l
RT: 11.07 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

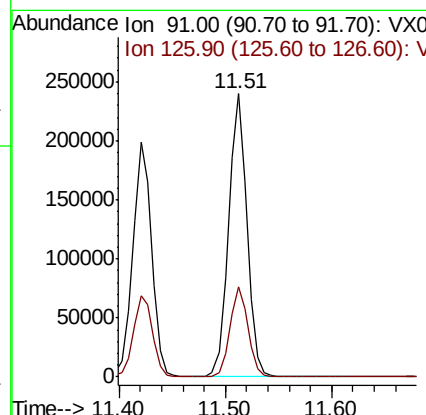
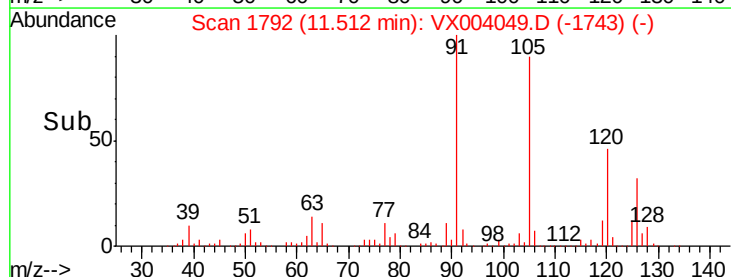
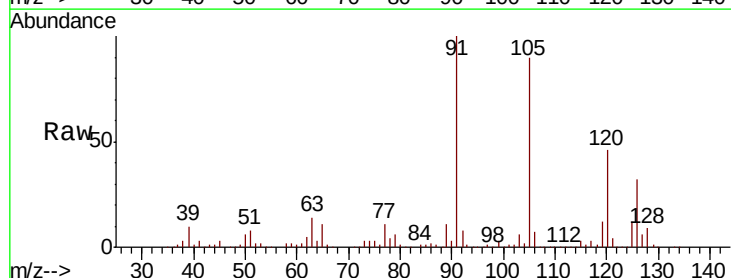
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

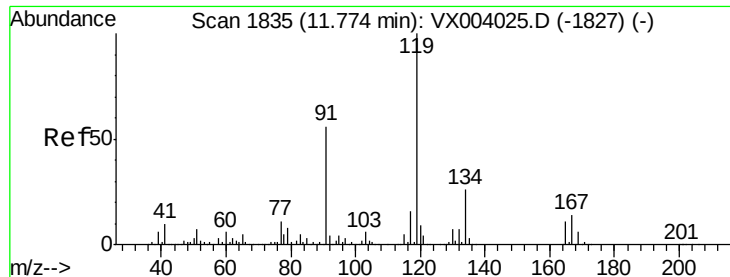
Tgt Ion: 75 Resp: 27866
Ion Ratio Lower Upper
75 100
53 107.3 80.3 120.5
89 45.3 37.8 56.8



#82
4-Chlorotoluene
Concen: 20.454 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 91 Resp: 288263
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.7

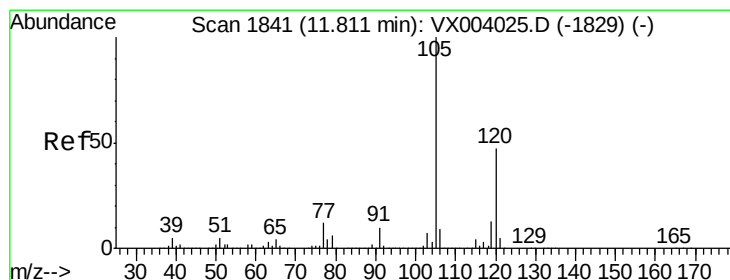
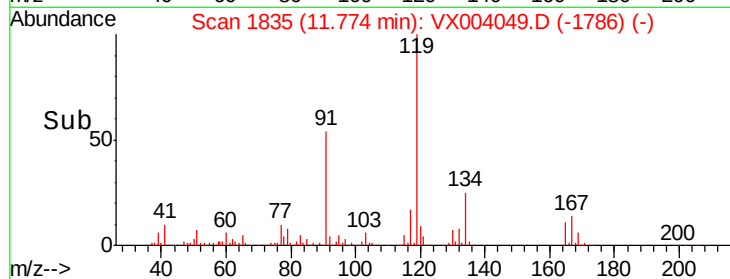
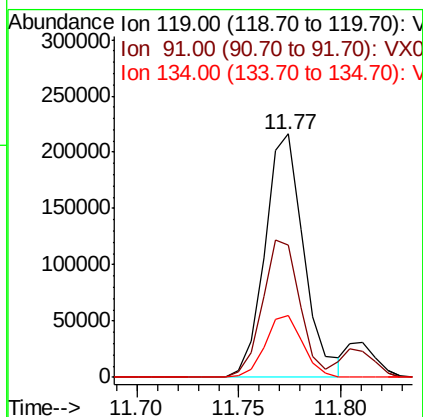
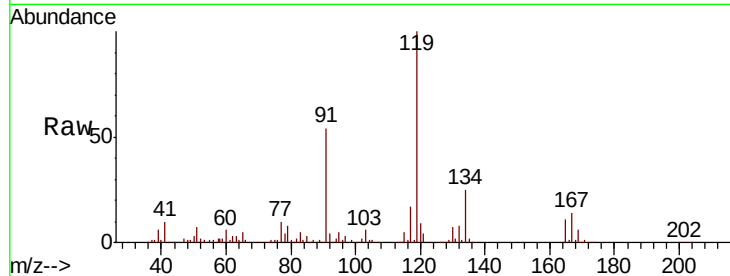




#83
 tert-Butylbenzene
 Concen: 19.851 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

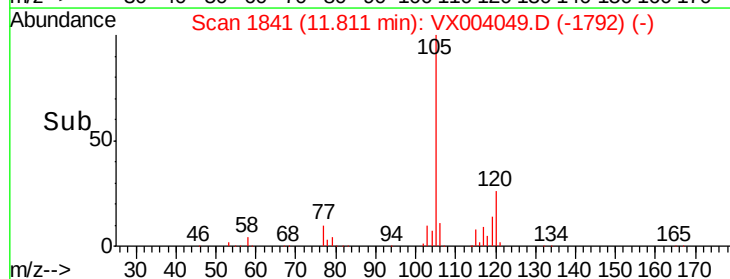
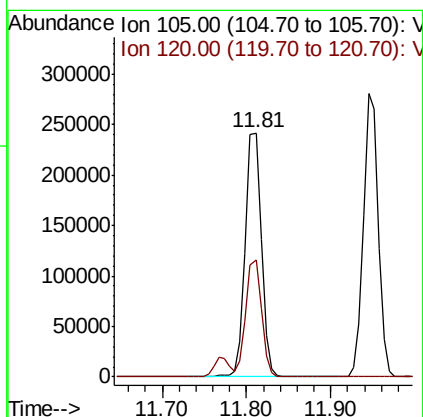
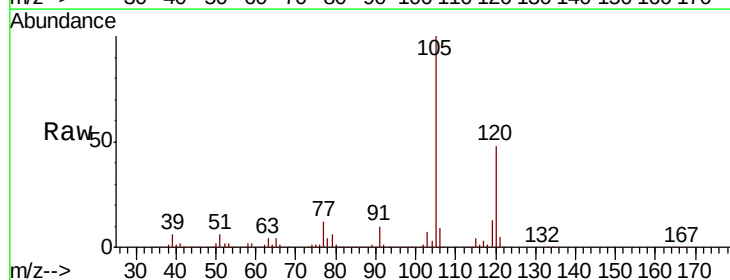
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

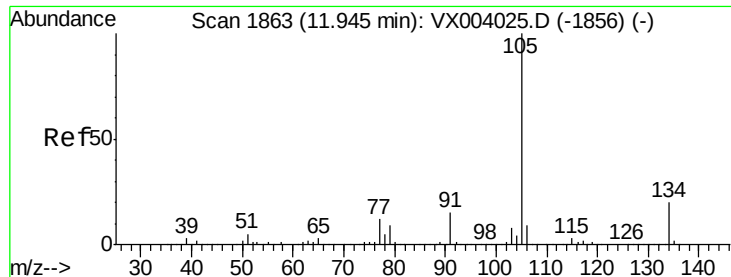
Tgt Ion:119 Resp: 286501
 Ion Ratio Lower Upper
 119 100
 91 54.6 26.9 80.7
 134 24.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.765 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion:105 Resp: 307843
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.365 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

Instrument :

MSVOA_X

ClientSampleId :

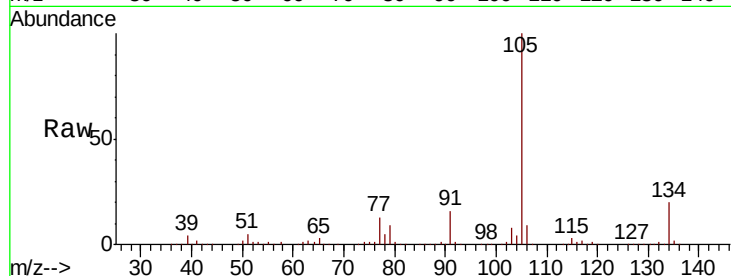
VX0814WBSD02

Tgt Ion:105 Resp: 343994

Ion Ratio Lower Upper

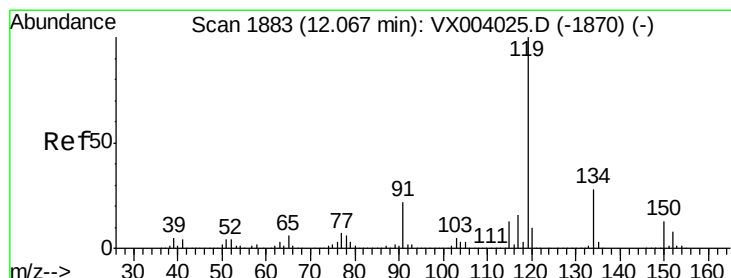
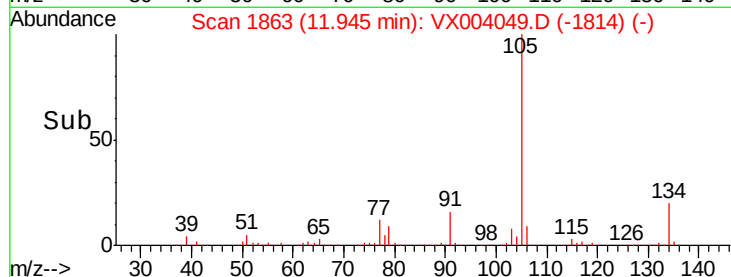
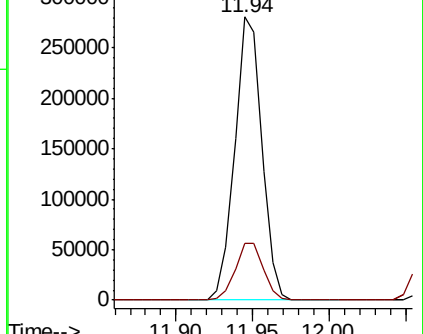
105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.254 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004049.D

Acq: 15 Aug 2018 01:15

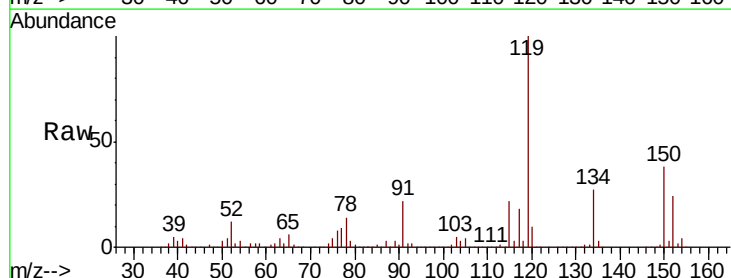
Tgt Ion:119 Resp: 309723

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

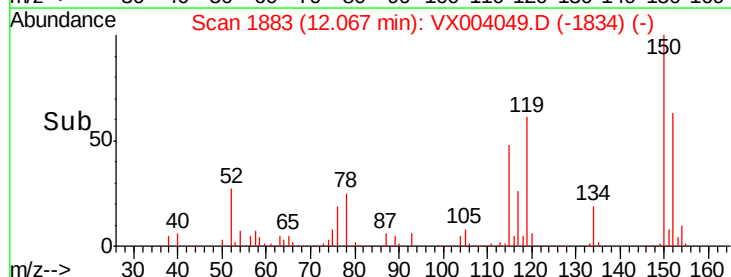
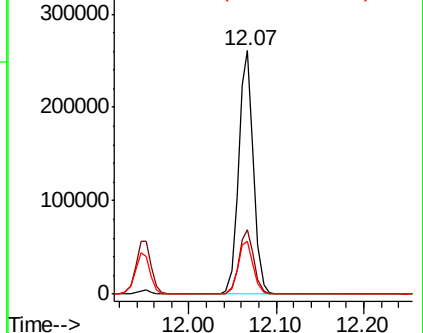
91 22.3 10.9 32.7

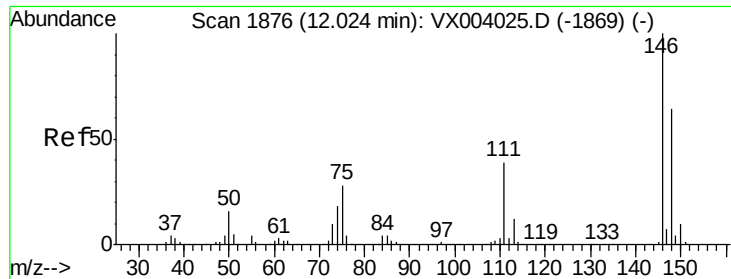


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

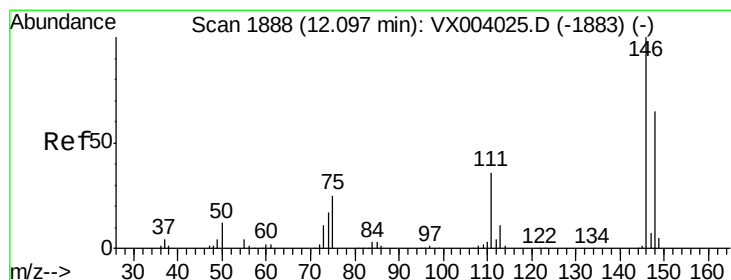
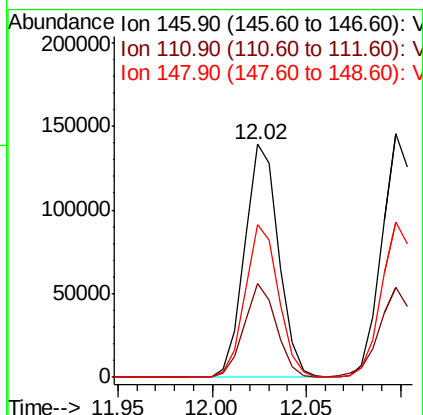
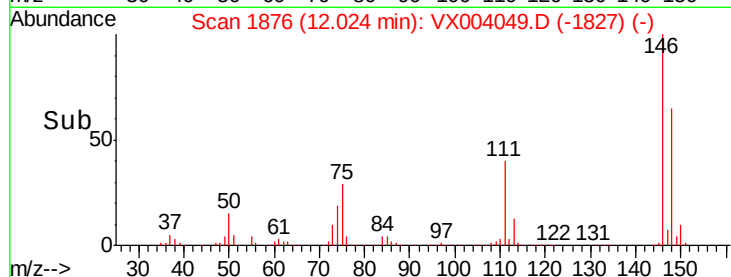
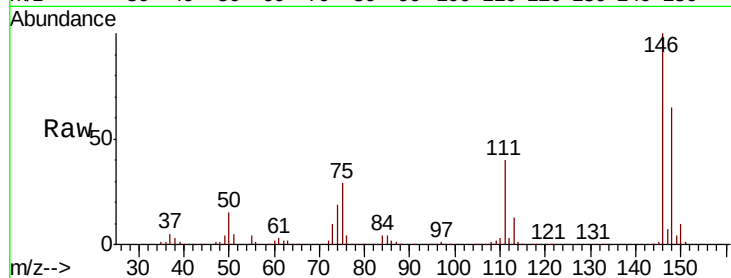




#87
 1,3-Dichlorobenzene
 Concen: 18.983 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

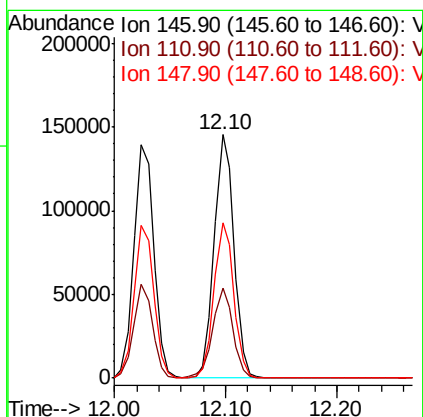
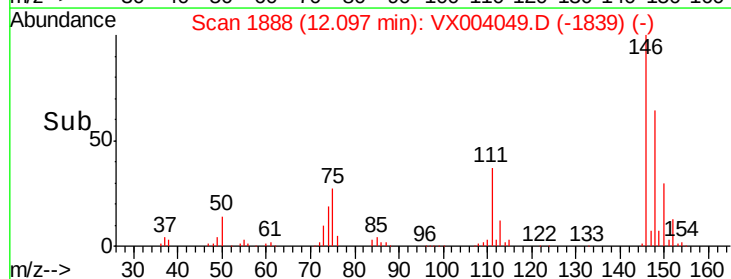
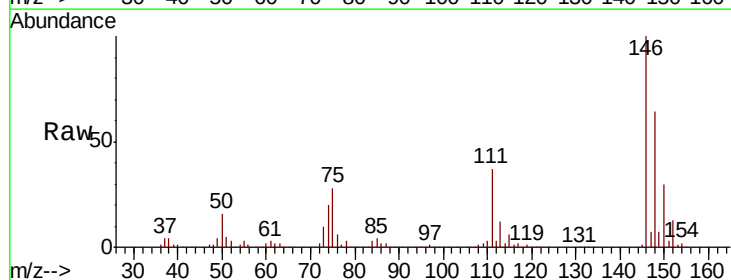
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

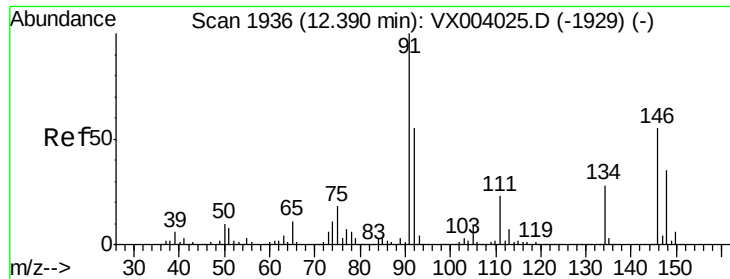
Tgt Ion:146 Resp: 174480
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.8 56.4
 148 64.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.922 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion:146 Resp: 178992
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.0
 148 64.2 32.3 96.8

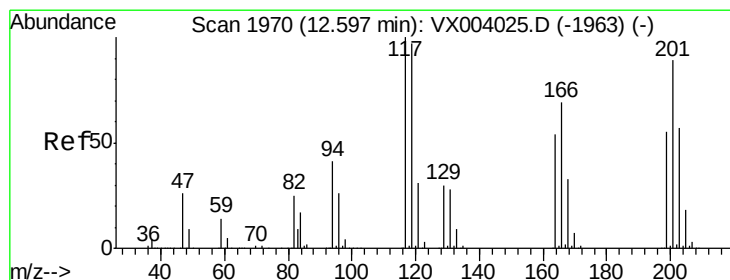
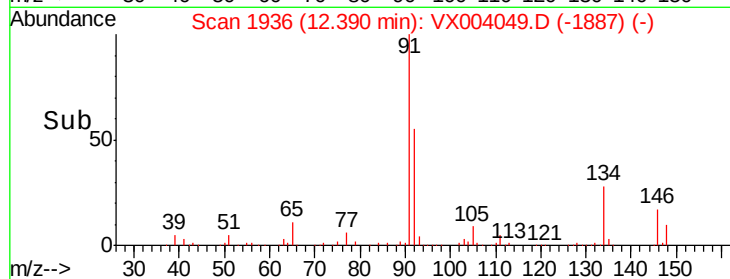
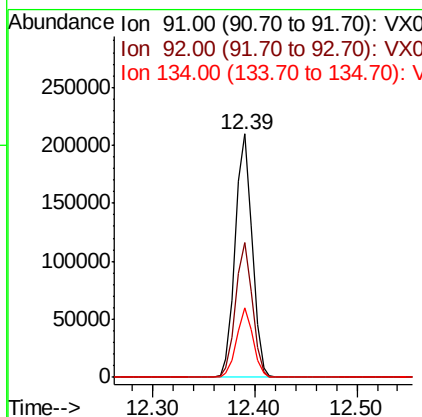
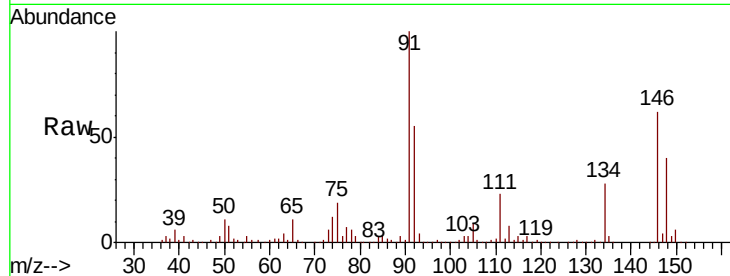




#89
n-Butylbenzene
Concen: 19.775 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

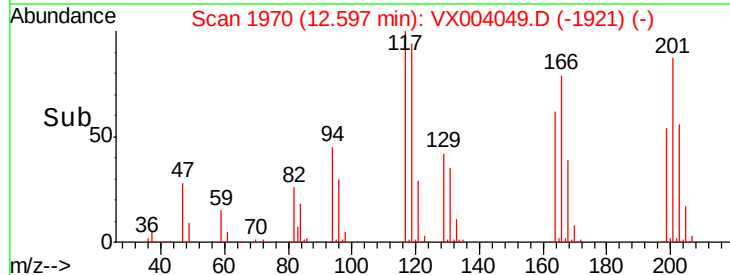
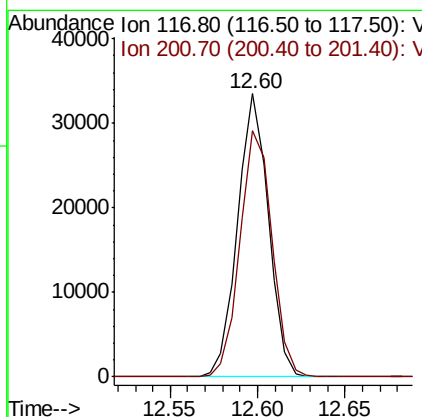
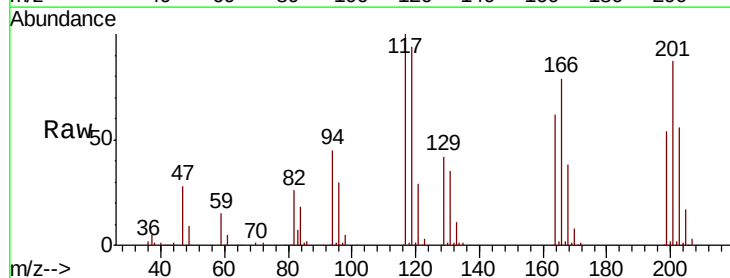
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

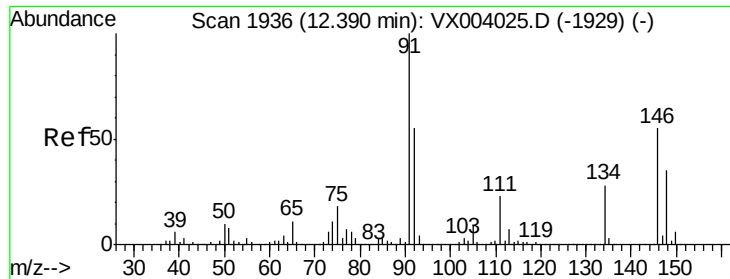
Tgt Ion: 91 Resp: 238290
Ion Ratio Lower Upper
91 100
92 54.6 27.1 81.3
134 27.3 13.6 40.7



#90
Hexachloroethane
Concen: 17.992 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion: 117 Resp: 41168
Ion Ratio Lower Upper
117 100
201 90.3 46.1 138.2

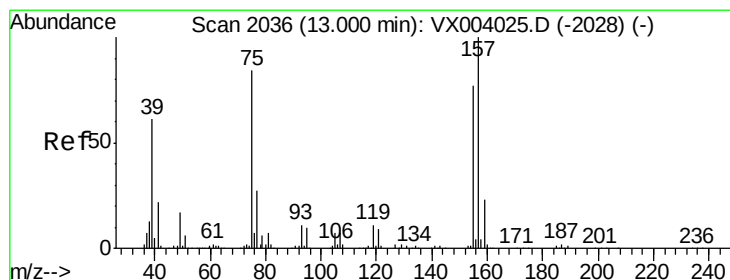
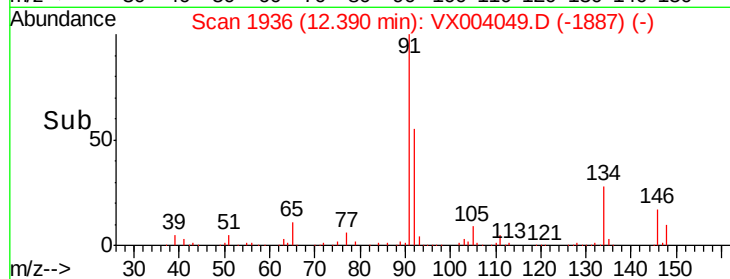
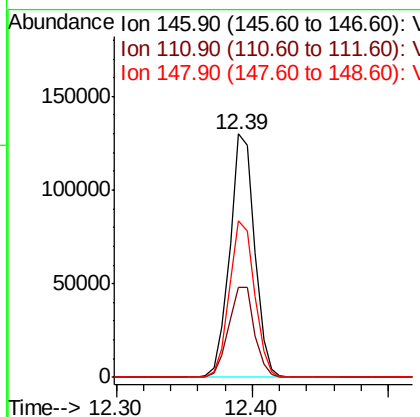
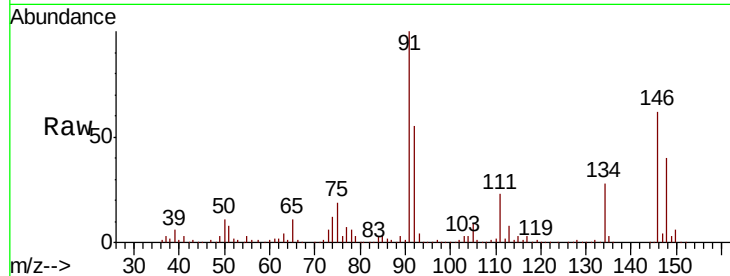




#91
 1,2-Dichlorobenzene
 Concen: 19.888 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

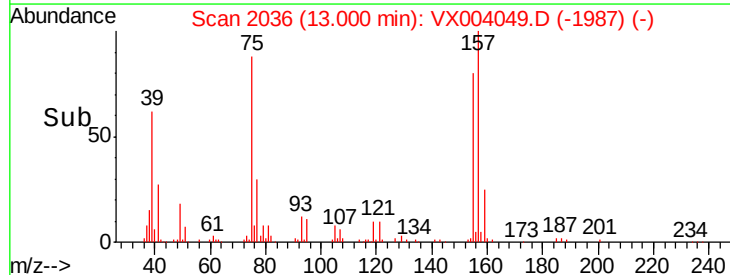
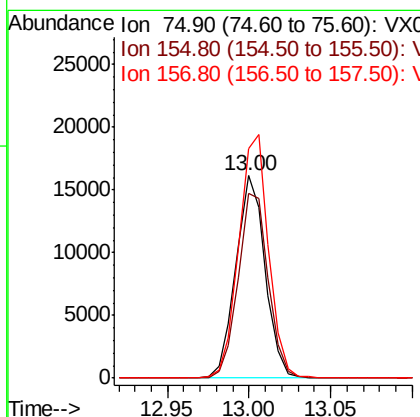
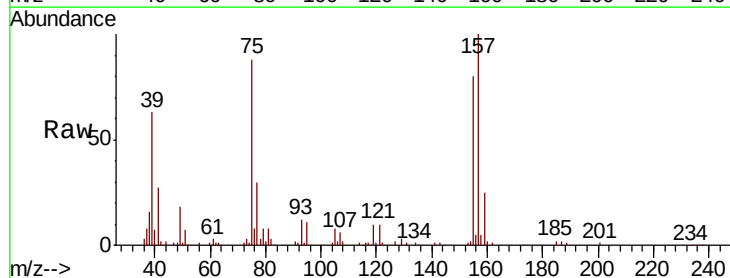
Instrument :
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 ClientSampleId :
 VX0814WBSD02

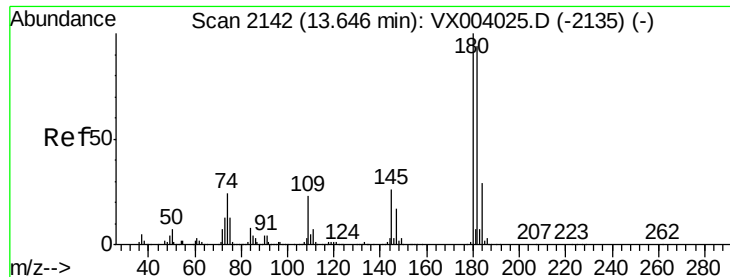
Tgt Ion:146 Resp: 164856
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.7 59.0
 148 65.2 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.738 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion: 75 Resp: 20105
 Ion Ratio Lower Upper
 75 100
 155 94.0 48.7 146.1
 157 122.0 62.6 187.8

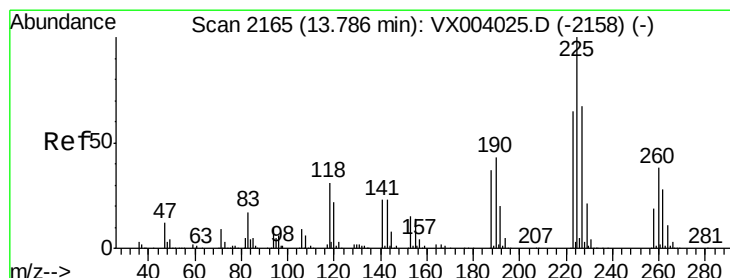
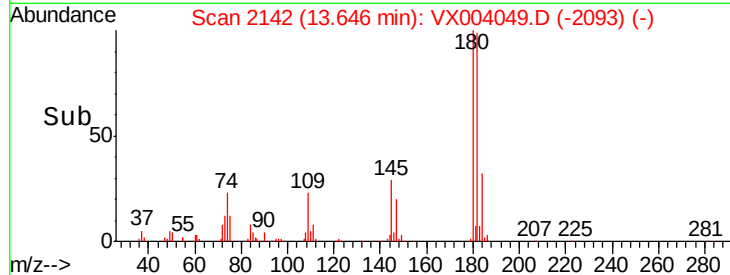
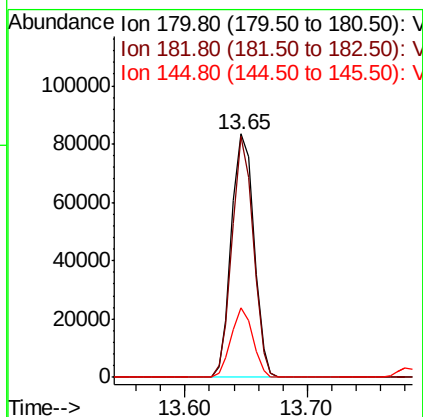
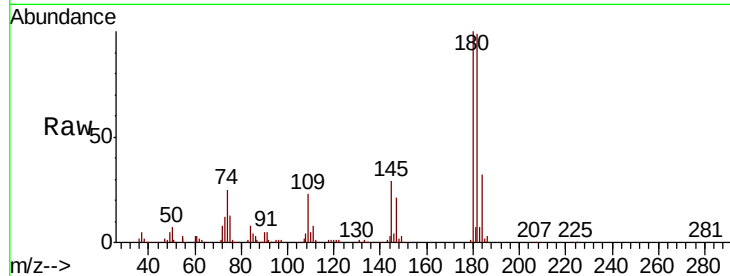




#93
 1,2,4-Trichlorobenzene
 Concen: 18.760 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

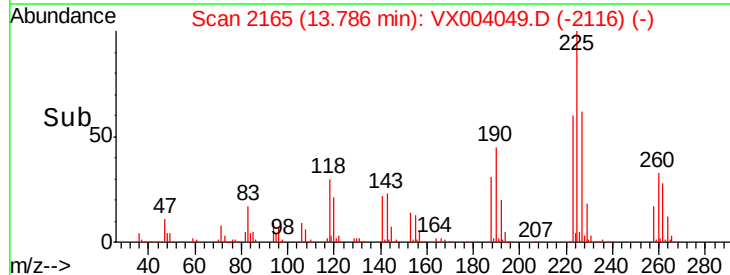
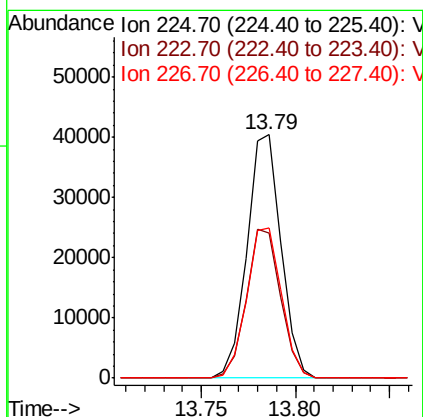
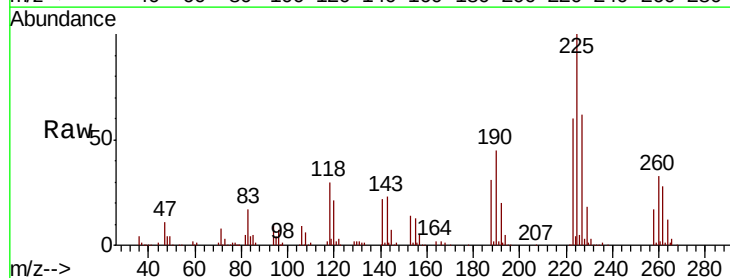
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBSD02

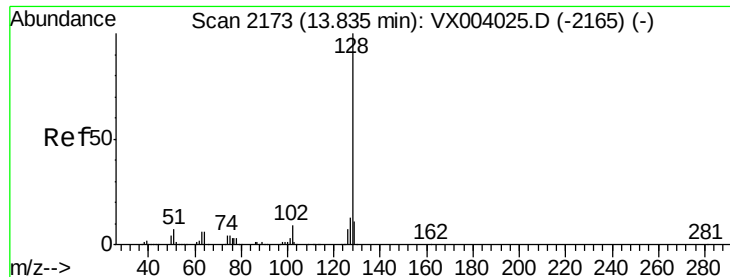
Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.7	143.1
145	27.4	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 17.820 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004049.D
 Acq: 15 Aug 2018 01:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.4	94.0
227	63.2	32.1	96.5

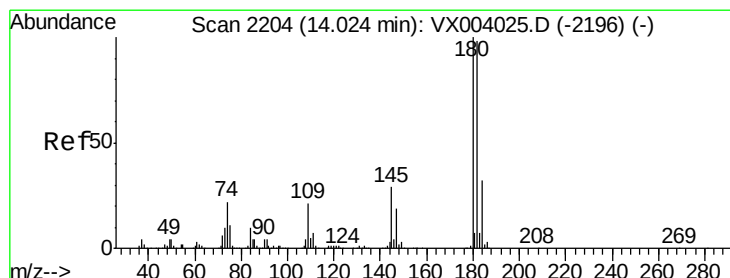
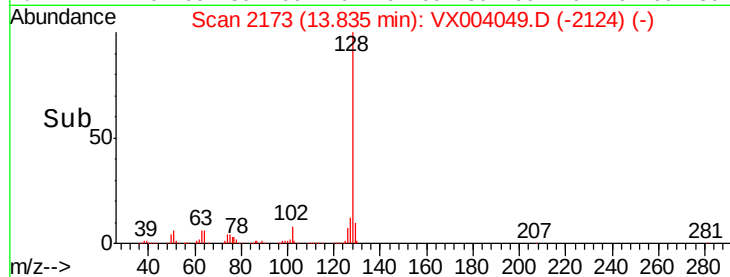
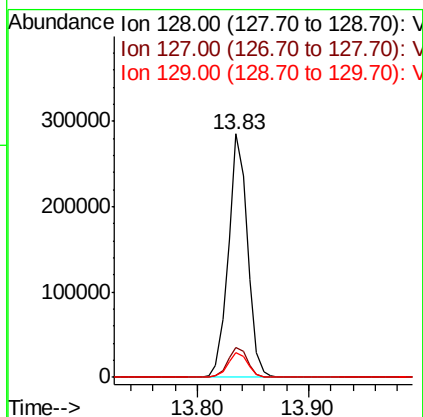
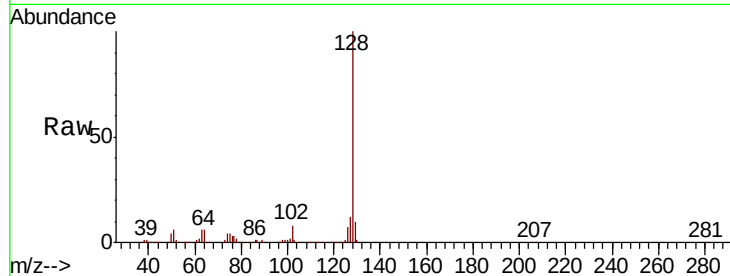




#95
Naphthalene
Concen: 19.338 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBSD02

Tgt Ion:128 Resp: 336317
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.108 ug/l
RT: 14.02 min Scan# 2203
Delta R.T. -0.01 min
Lab File: VX004049.D
Acq: 15 Aug 2018 01:15

Tgt Ion:180 Resp: 118063
Ion Ratio Lower Upper
180 100
182 94.4 48.1 144.4
145 30.3 14.9 44.7

