

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081418\
 Data File : VX004030.D
 Acq On : 14 Aug 2018 15:04
 Operator : JC/MD
 Sample : VX0814WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Quant Time: Aug 14 15:26:57 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	5.66	168	343078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	470346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	287433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	229171	47.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.82%	
35) Dibromofluoromethane	5.50	113	187064	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	747074	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	273977	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67181	20.12	ug/l	97
3) Chloromethane	1.32	50	79171	19.32	ug/l	99
4) Vinyl Chloride	1.40	62	86356	19.47	ug/l	99
5) Bromomethane	1.64	94	47247	20.92	ug/l	98
6) Chloroethane	1.73	64	63202	20.62	ug/l	98
7) Trichlorofluoromethane	1.93	101	118689	19.08	ug/l	98
8) Diethyl Ether	2.18	74	52362	19.28	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	75883	19.55	ug/l	100
10) Methyl Iodide	2.51	142	60183	18.08	ug/l	99
11) Tert butyl alcohol	3.04	59	99376	102.09	ug/l	99
12) 1,1-Dichloroethene	2.37	96	70370	19.50	ug/l	97
13) Acrolein	2.29	56	59552	97.17	ug/l	99
14) Allyl chloride	2.73	41	129624	18.88	ug/l	96
15) Acrylonitrile	3.14	53	243835	100.47	ug/l	100
16) Acetone	2.43	43	243372	96.84	ug/l	98
17) Carbon Disulfide	2.57	76	197063	19.25	ug/l	100
18) Methyl Acetate	2.77	43	103218	18.48	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	252999	19.90	ug/l	100
20) Methylene Chloride	2.86	84	82679	19.76	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	80409	19.62	ug/l	96
22) Diisopropyl ether	3.86	45	268851	19.98	ug/l	93
23) Vinyl Acetate	3.82	43	1133470	102.55	ug/l	99
24) 1,1-Dichloroethane	3.70	63	150327	19.72	ug/l	100
25) 2-Butanone	4.70	43	383516	93.79	ug/l	100
26) 2,2-Dichloropropane	4.58	77	117625	19.41	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	88875	19.28	ug/l	99
28) Bromochloromethane	5.01	49	64944	18.57	ug/l	99
29) Tetrahydrofuran	5.15	42	191067	91.45	ug/l	99
30) Chloroform	5.21	83	145089	19.50	ug/l	98
31) Cyclohexane	5.57	56	122547	18.34	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	120856	19.44	ug/l	99
36) 1,1-Dichloropropene	5.79	75	112487	19.96	ug/l	100
37) Ethyl Acetate	4.85	43	117921	19.22	ug/l	99
38) Carbon Tetrachloride	5.78	117	105108	19.20	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Quant Time: Aug 14 15:26:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	128055	20.03	ug/l	99
40) Benzene	6.14	78	329041	19.44	ug/l	99
41) Methacrylonitrile	5.06	41	64690	18.82	ug/l	99
42) 1,2-Dichloroethane	6.20	62	114339	19.30	ug/l	100
43) Isopropyl Acetate	6.46	43	176818	19.55	ug/l	100
44) Trichloroethene	7.21	130	90615	19.73	ug/l	97
45) 1,2-Dichloropropane	7.51	63	85816	19.81	ug/l	98
46) Dibromomethane	7.66	93	55388	19.57	ug/l	99
47) Bromodichloromethane	7.90	83	104173	19.43	ug/l	100
48) Methyl methacrylate	7.77	41	90124	19.79	ug/l	98
49) 1,4-Dioxane	7.75	88	41505	404.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	740023	99.77	ug/l	100
52) Toluene	8.79	92	215476	20.13	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	115323	19.91	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129165	20.14	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	85555	19.36	ug/l	98
56) Ethyl methacrylate	9.18	69	120134	19.99	ug/l	99
57) 1,3-Dichloropropane	9.37	76	144879	19.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	331214	108.23	ug/l	100
59) 2-Hexanone	9.49	43	563643	100.97	ug/l	99
60) Dibromochloromethane	9.59	129	82662	19.44	ug/l	100
61) 1,2-Dibromoethane	9.67	107	88262	19.59	ug/l	100
64) Tetrachloroethene	9.34	164	87019	19.52	ug/l	96
65) Chlorobenzene	10.14	112	238929	19.67	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	82119	19.82	ug/l	99
67) Ethyl Benzene	10.25	91	388406	20.19	ug/l	97
68) m/p-Xylenes	10.36	106	313492	41.61	ug/l	97
69) o-Xylene	10.70	106	147766	20.52	ug/l	97
70) Styrene	10.71	104	246410	20.34	ug/l	99
71) Bromoform	10.86	173	60264	18.34	ug/l #	100
73) Isopropylbenzene	11.02	105	402894	20.71	ug/l	96
74) N-amyl acetate	6.46	43	176818	19.33	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	130092	19.15	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	146246	25.37	ug/l	84
77) Bromobenzene	11.26	156	107433	20.04	ug/l	100
78) n-propylbenzene	11.36	91	462817	21.26	ug/l	99
79) 2-Chlorotoluene	11.42	91	275662	20.78	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	330402	20.74	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35798	19.22	ug/l	94
82) 4-Chlorotoluene	11.51	91	320652	20.45	ug/l	99
83) tert-Butylbenzene	11.77	119	325525	20.27	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	339228	20.56	ug/l	99
85) sec-Butylbenzene	11.94	105	393910	20.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	359294	21.12	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	198481	19.41	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	207067	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	295579	22.05	ug/l	99
90) Hexachloroethane	12.60	117	49893	19.60	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	195302	21.18	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22711	19.02	ug/l	96

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ALS Vial : 10 Sample Multiplier: 1

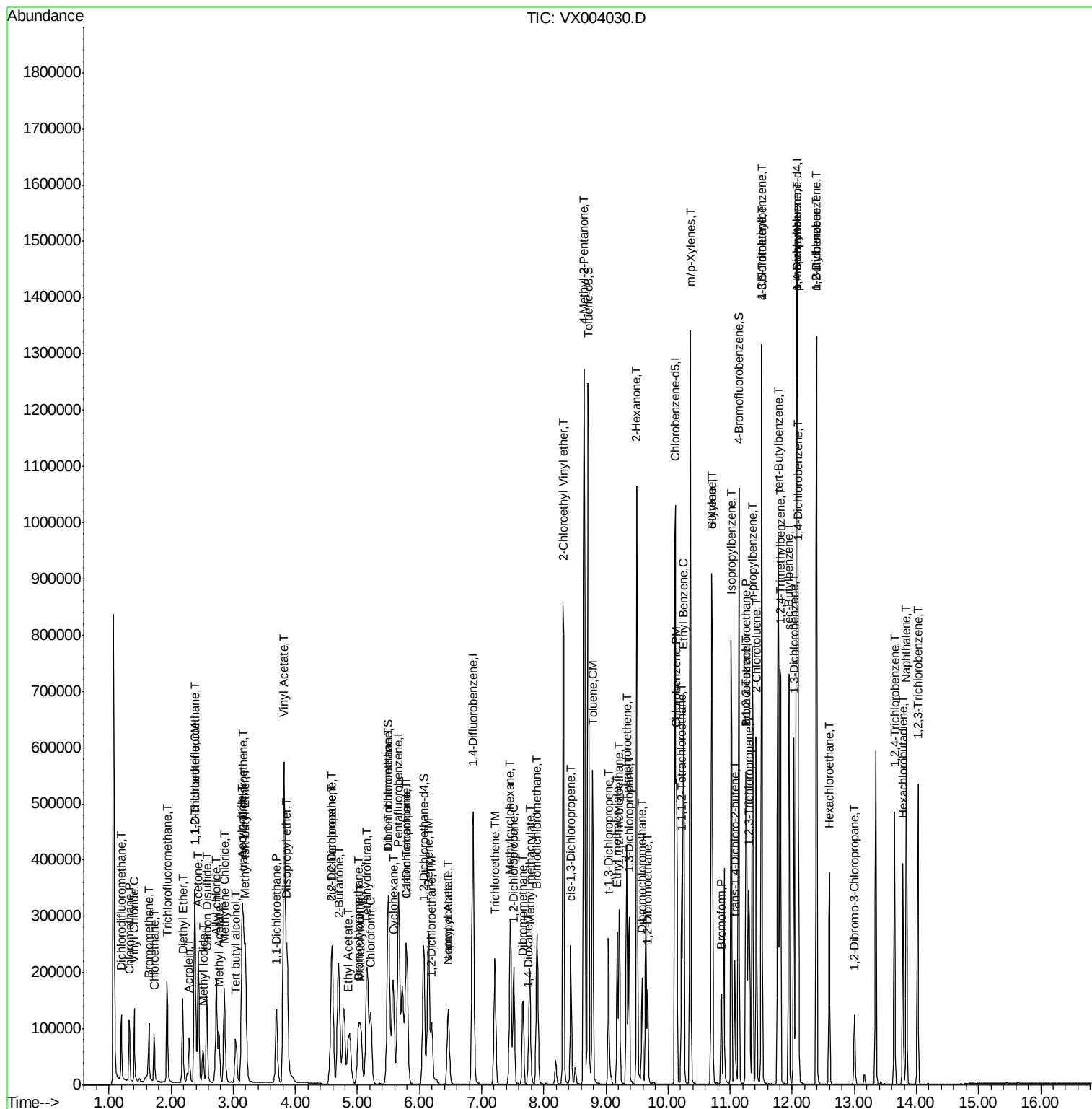
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

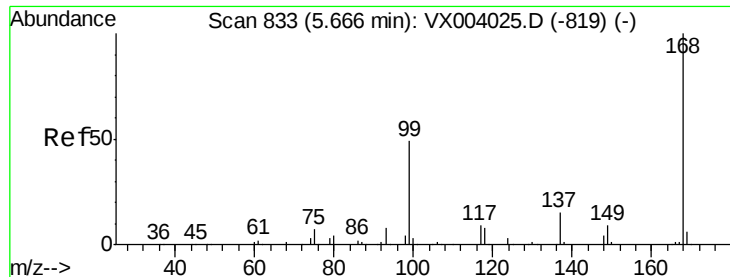
Quant Time: Aug 14 15:26:57 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125779	19.95	ug/l	99
94) Hexachlorobutadiene	13.79	225	67142	21.25	ug/l	99
95) Naphthalene	13.83	128	384504	19.84	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	139390	20.28	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Tue Aug 14 13:27:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

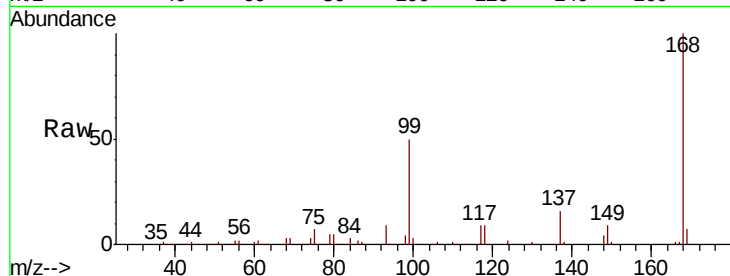
VX0814WBS01

Tot Ion:168 Resp: 343078

Ion Ratio Lower Upper

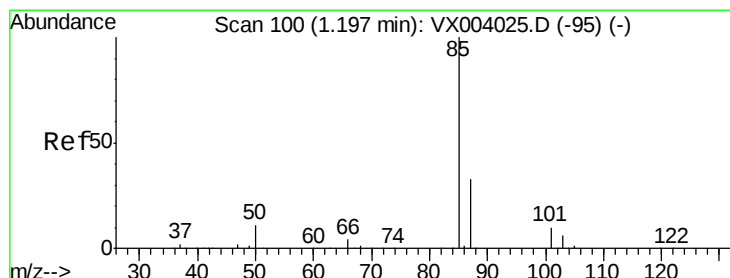
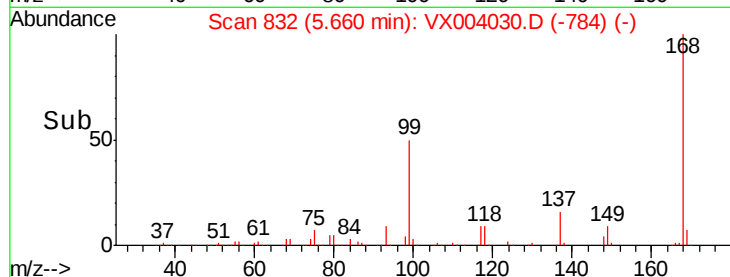
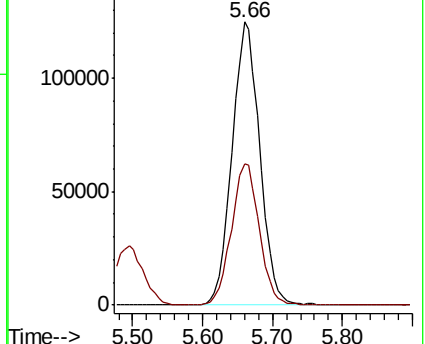
168 100

99 49.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.12 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004030.D

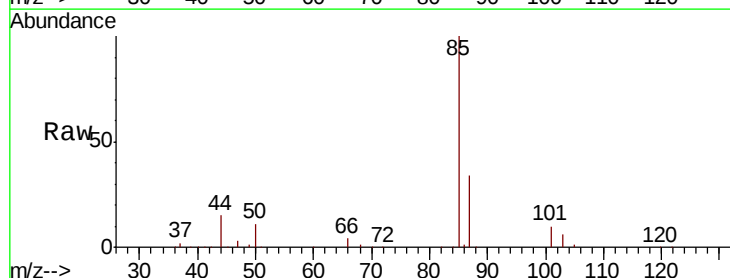
Acq: 14 Aug 2018 15:04

Tgt Ion: 85 Resp: 67181

Ion Ratio Lower Upper

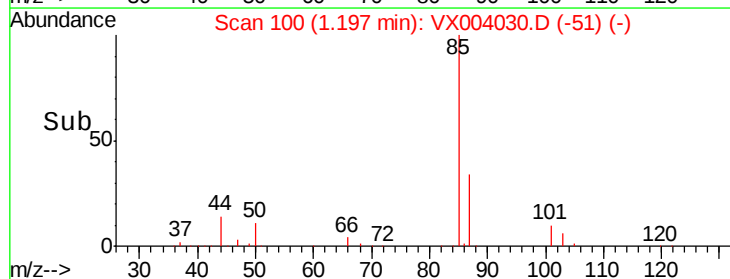
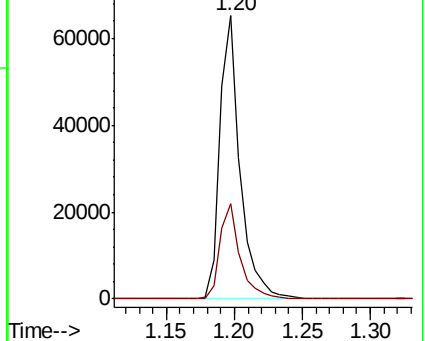
85 100

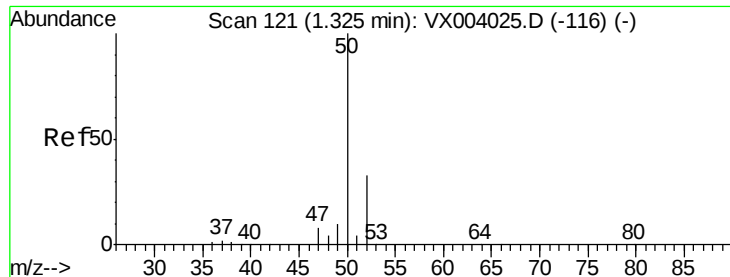
87 33.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.32 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

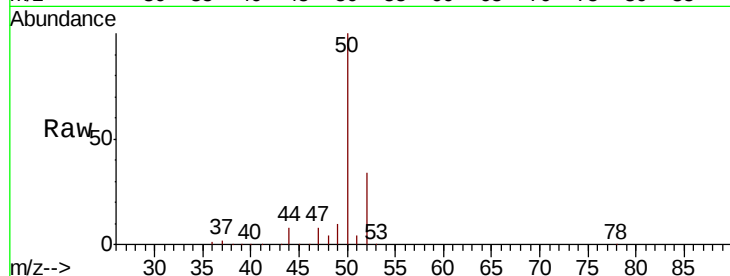
VX0814WBS01

Tot Ion: 50 Resp: 79171

Ion Ratio Lower Upper

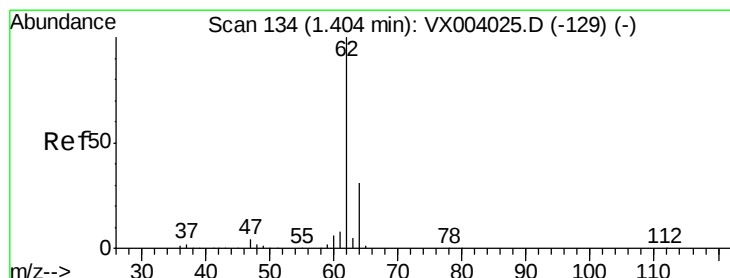
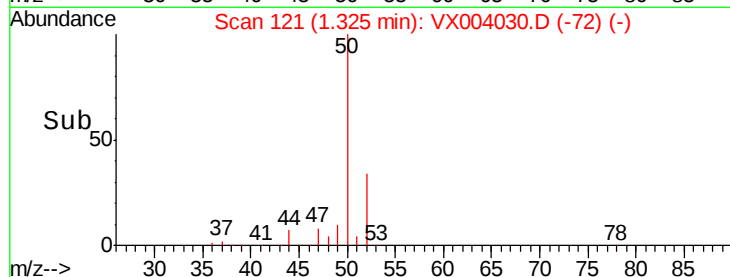
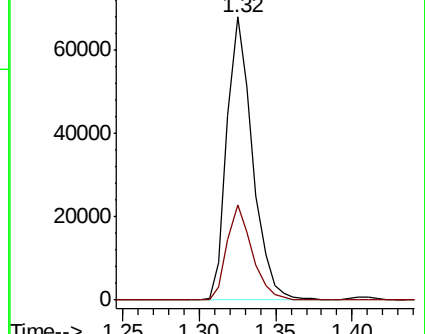
50 100

52 33.7 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: 19.47 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004030.D

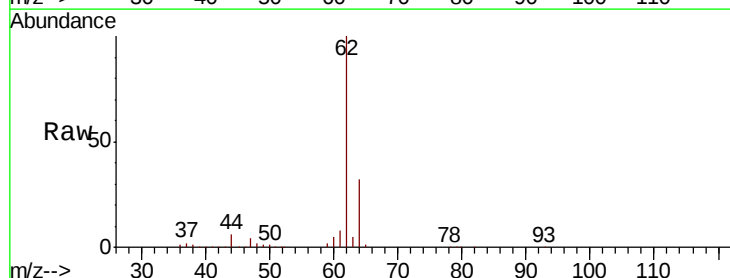
Acq: 14 Aug 2018 15:04

Tgt Ion: 62 Resp: 86356

Ion Ratio Lower Upper

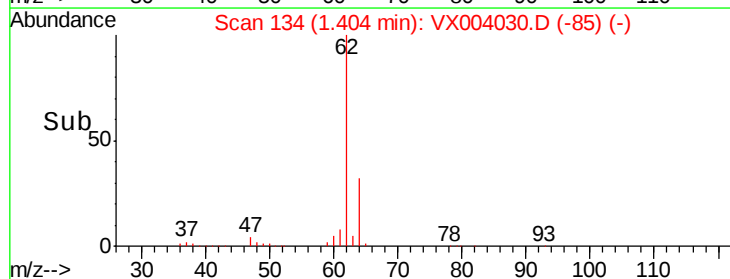
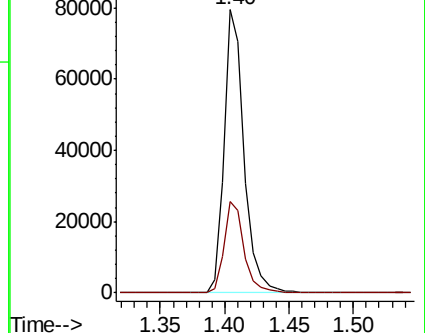
62 100

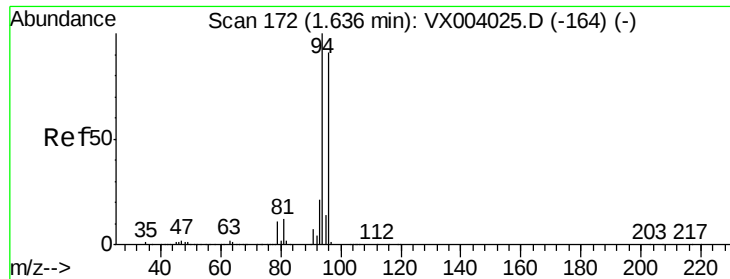
64 32.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.92 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

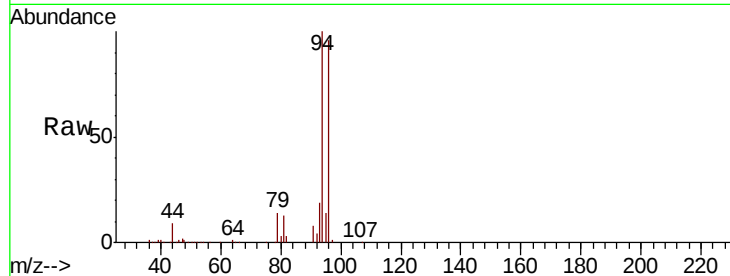
VX0814WBS01

Tot Ion: 94 Resp: 47247

Ion Ratio Lower Upper

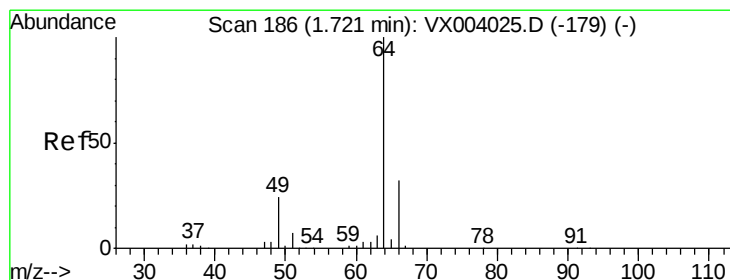
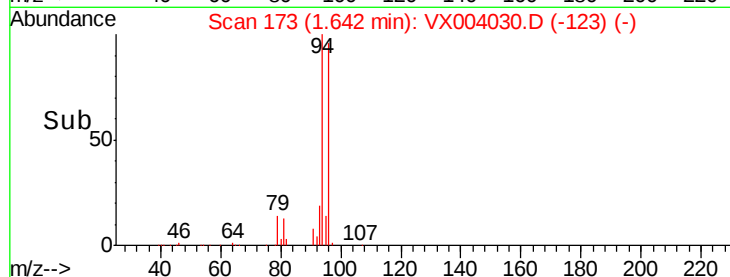
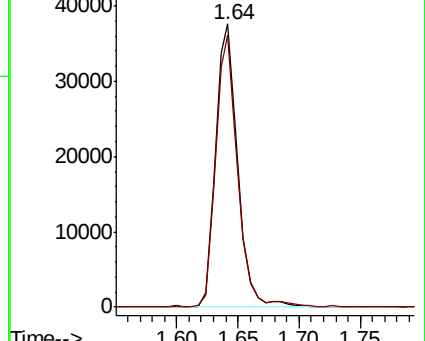
94 100

96 96.0 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: 20.62 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX004030.D

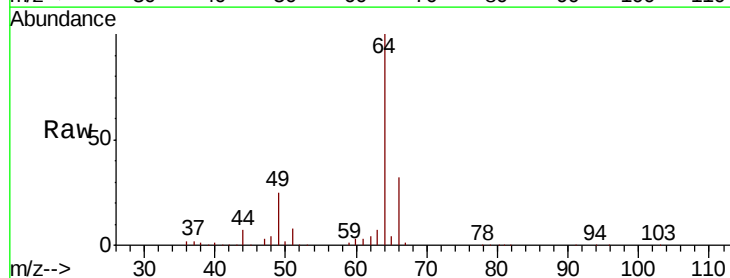
Acq: 14 Aug 2018 15:04

Tgt Ion: 64 Resp: 63202

Ion Ratio Lower Upper

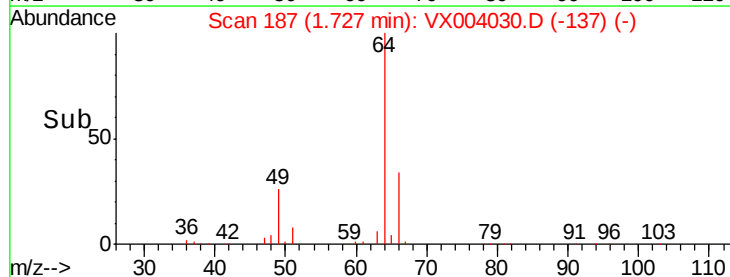
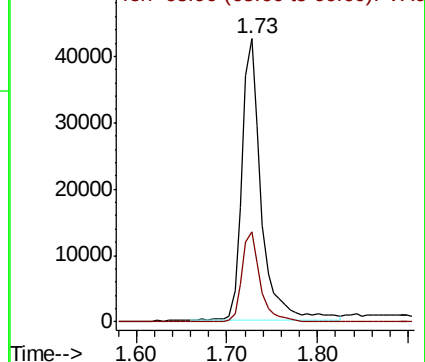
64 100

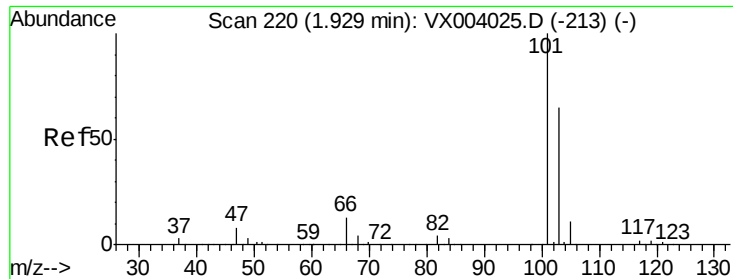
66 31.8 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



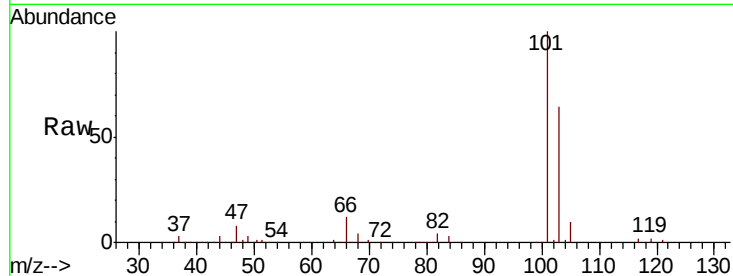


#7

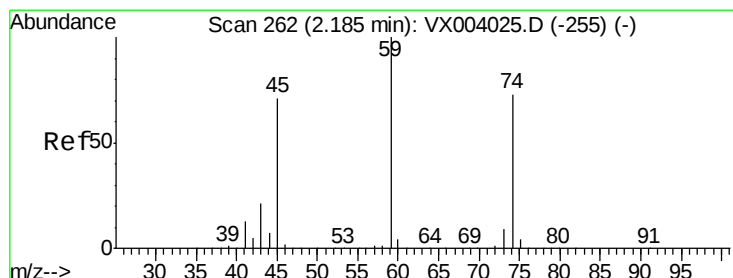
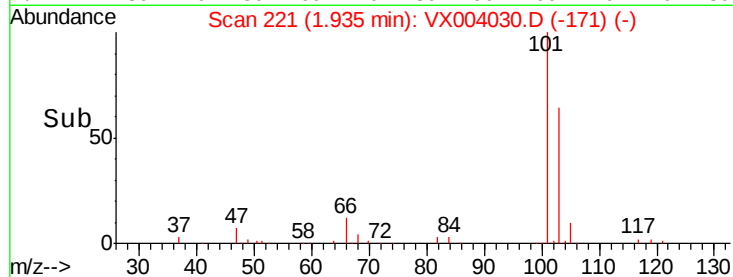
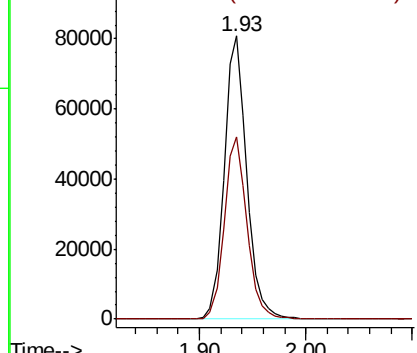
Trichlorofluoromethane
 Concen: 19.08 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Tot Ion:101 Resp: 118689
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5



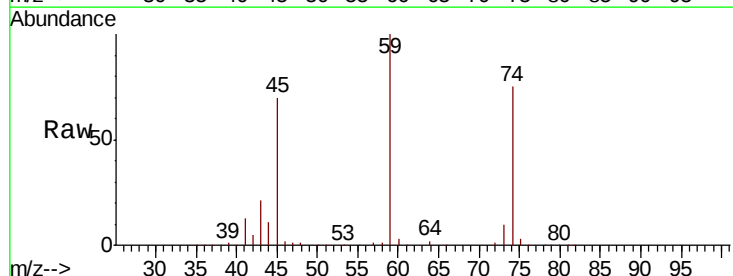
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



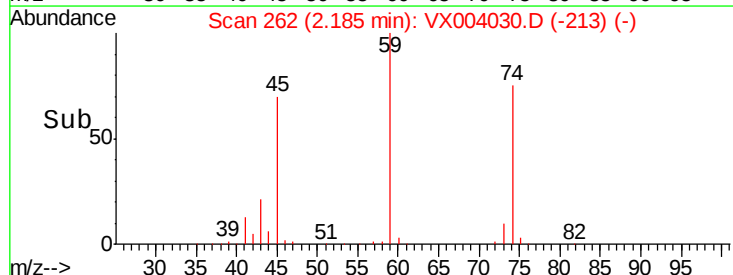
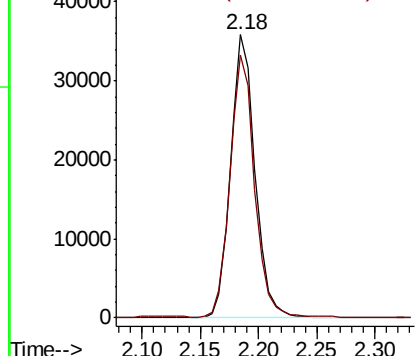
#8

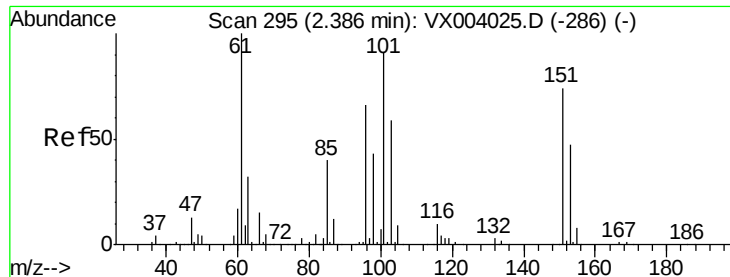
Diethyl Ether
 Concen: 19.28 ug/l
 RT: 2.18 min Scan# 262
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 74 Resp: 52362
 Ion Ratio Lower Upper
 74 100
 45 92.6 48.3 144.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.55 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampled :

VX0814WBS01

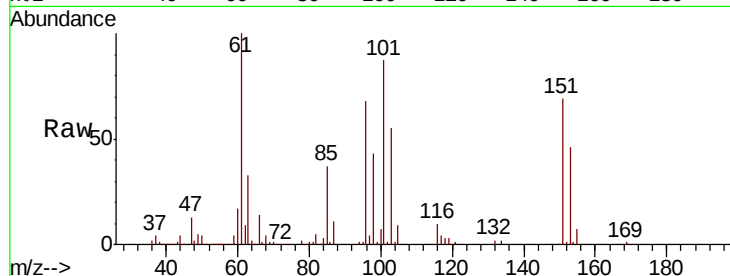
Tot Ion:101 Resp: 75883

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.4

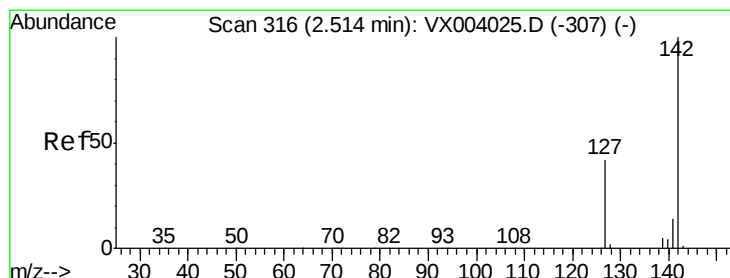
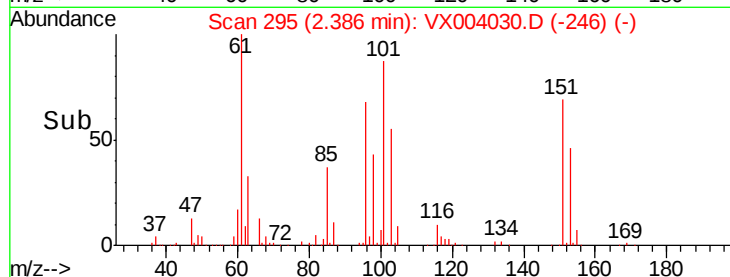
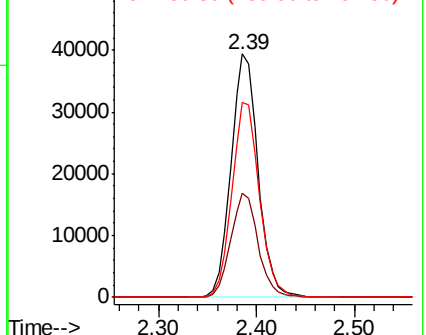
151 81.1 65.0 97.4



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: 18.08 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

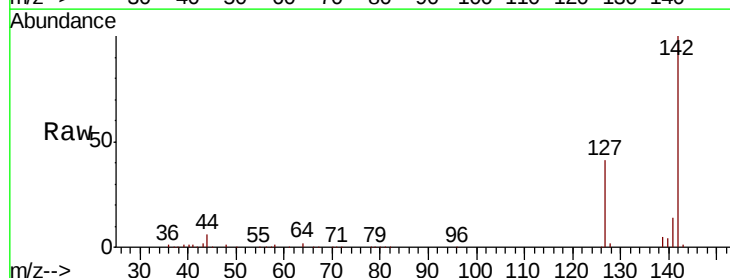
Tgt Ion:142 Resp: 60183

Ion Ratio Lower Upper

142 100

127 40.6 33.1 49.7

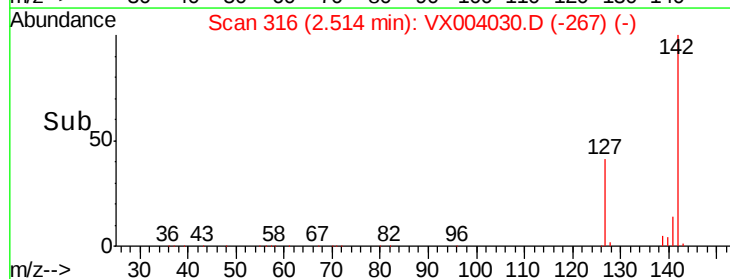
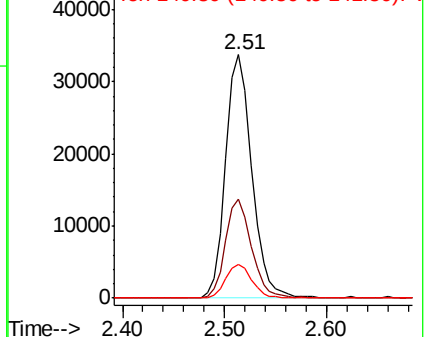
141 13.9 11.1 16.7

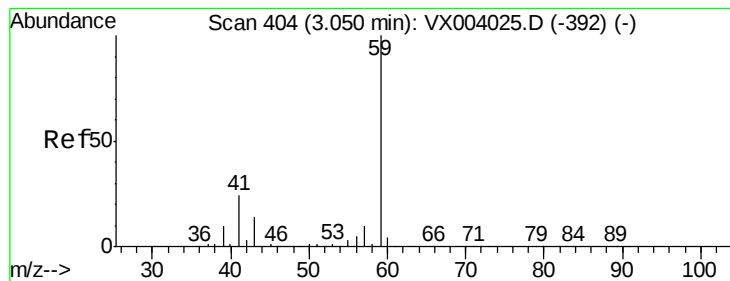


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



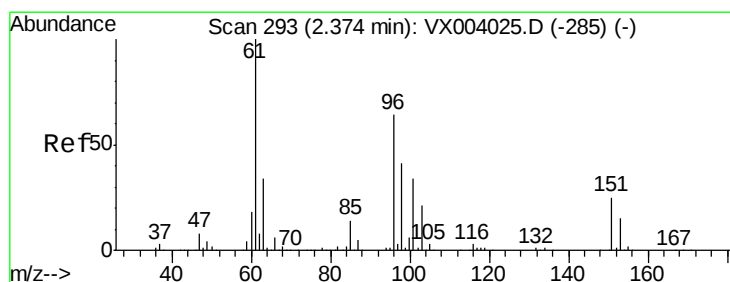
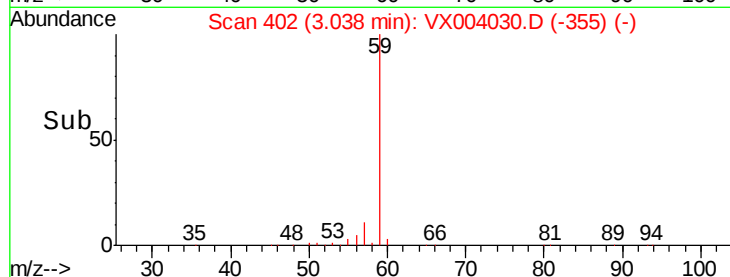
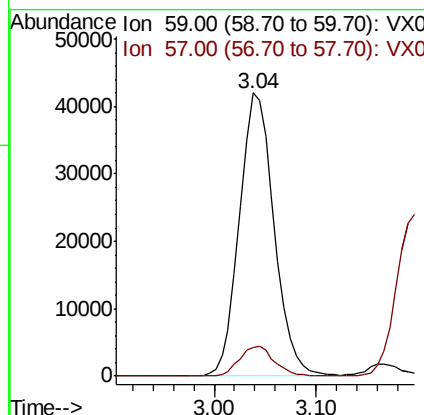
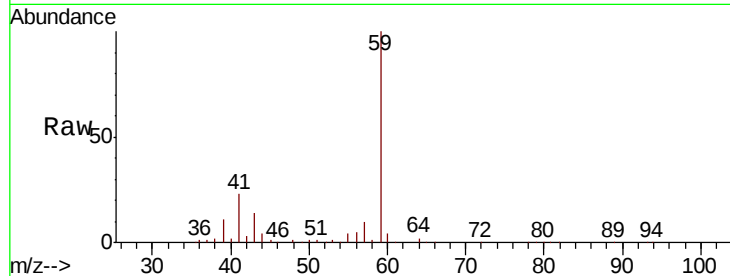


#11

Tert butyl alcohol
 Concen: 102.09 ug/l
 RT: 3.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

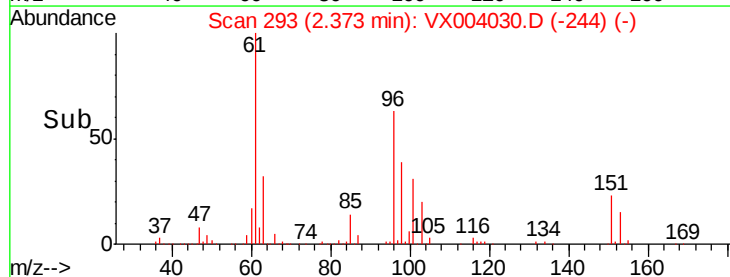
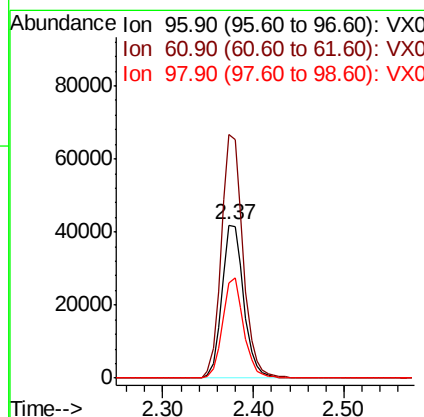
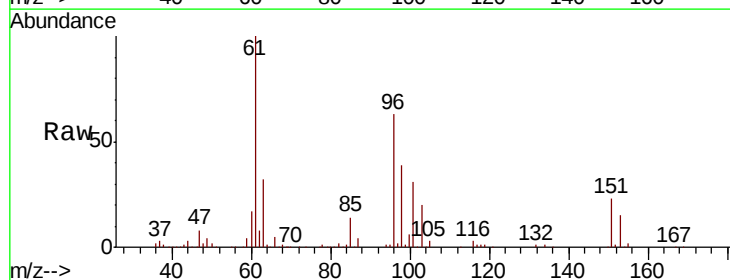
Tot Ion: 59 Resp: 99376
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.1 12.1

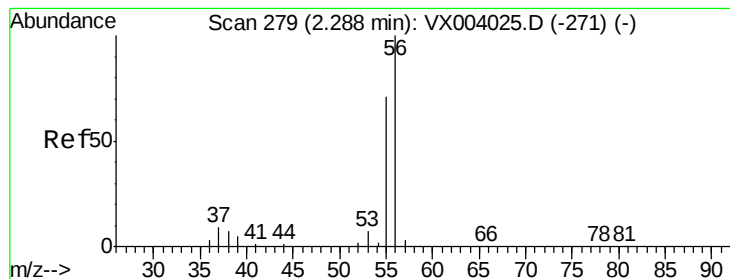


#12

1,1-Dichloroethene
 Concen: 19.50 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 96 Resp: 70370
 Ion Ratio Lower Upper
 96 100
 61 159.2 131.3 196.9
 98 62.4 51.8 77.6





#13

Acrolein

Concen: 97.17 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

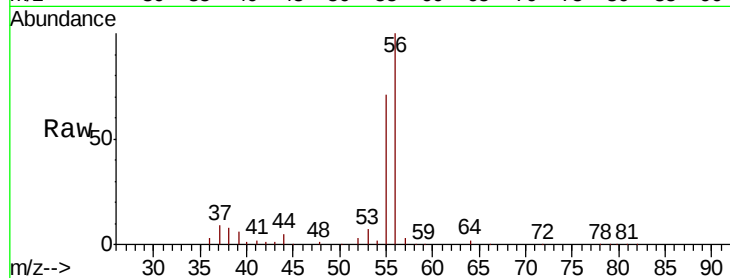
VX0814WBS01

Tot Ion: 56 Resp: 59552

Ion Ratio Lower Upper

56 100

55 70.6 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

20000

10000

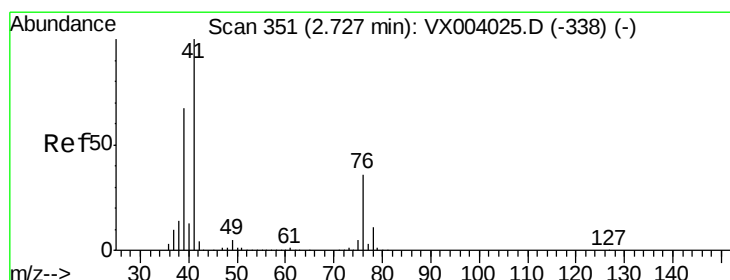
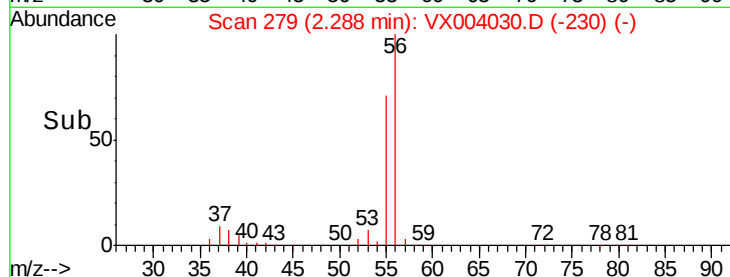
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 18.88 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

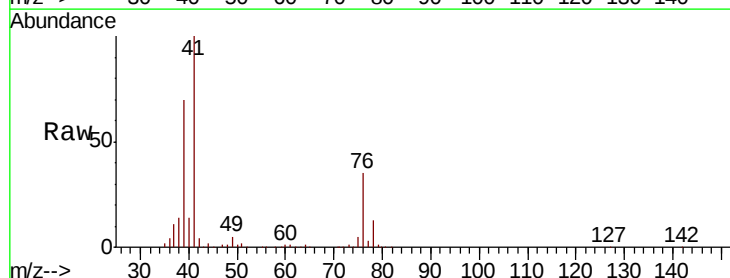
Tgt Ion: 41 Resp: 129624

Ion Ratio Lower Upper

41 100

39 62.8 47.4 71.0

76 33.7 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

120000

100000

80000

60000

40000

20000

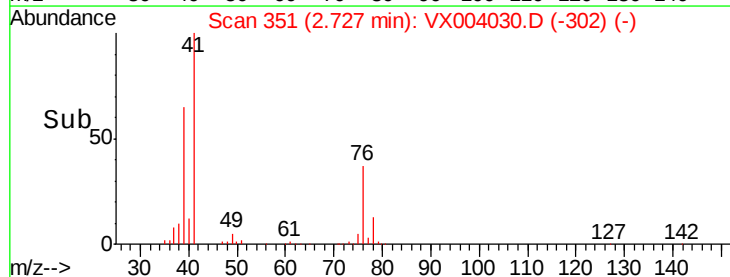
0

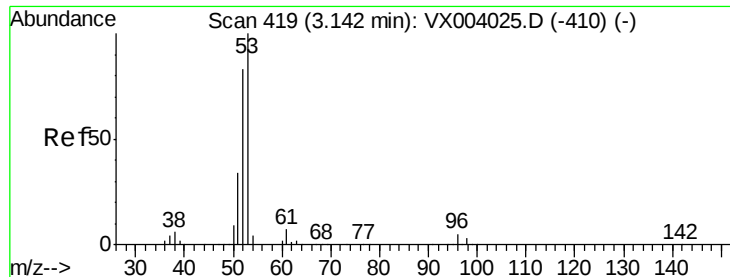
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 100.47 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

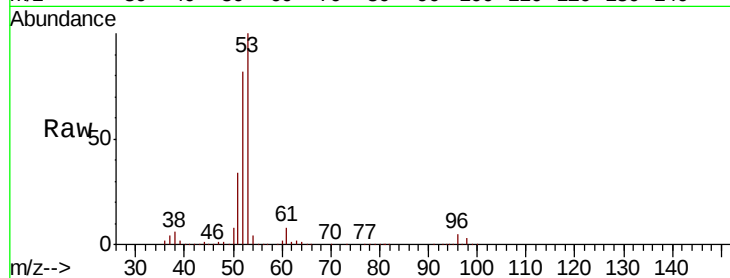
Tot Ion: 53 Resp: 243835

Ion Ratio Lower Upper

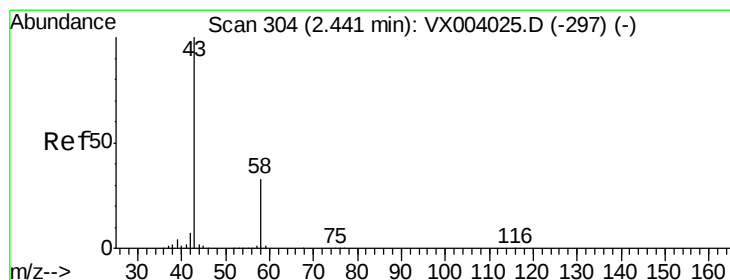
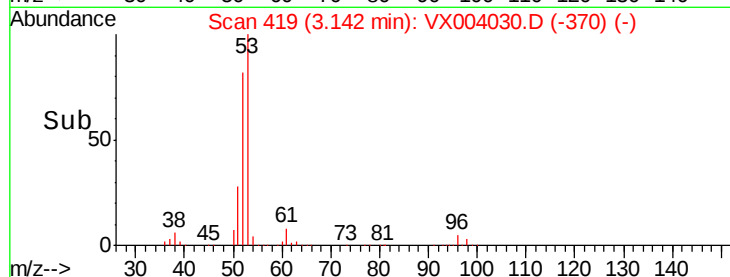
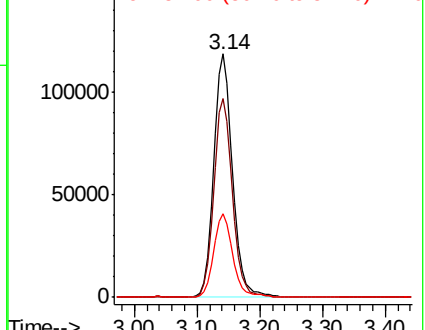
53 100

52 81.4 65.3 97.9

51 35.2 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: 96.84 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004030.D

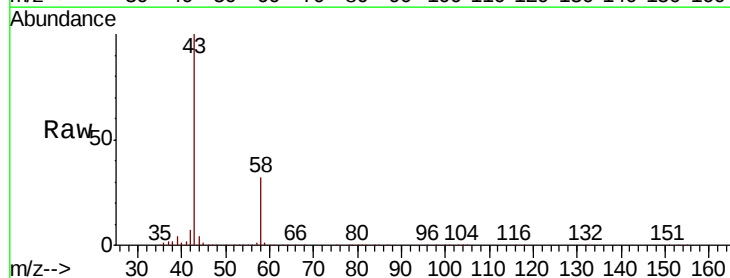
Acq: 14 Aug 2018 15:04

Tgt Ion: 43 Resp: 243372

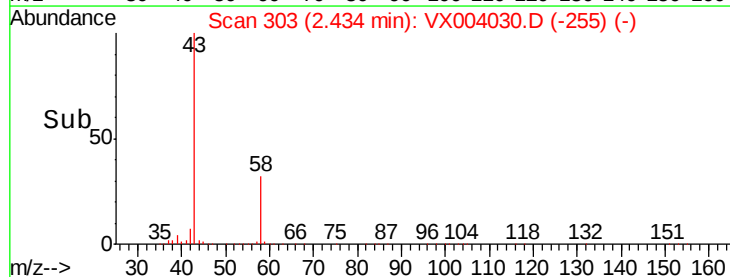
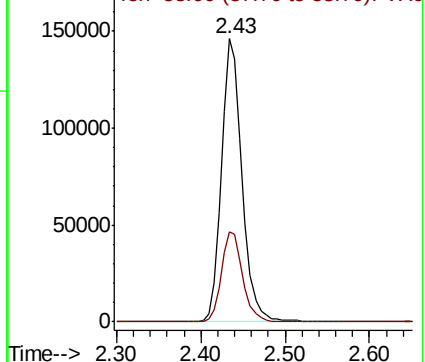
Ion Ratio Lower Upper

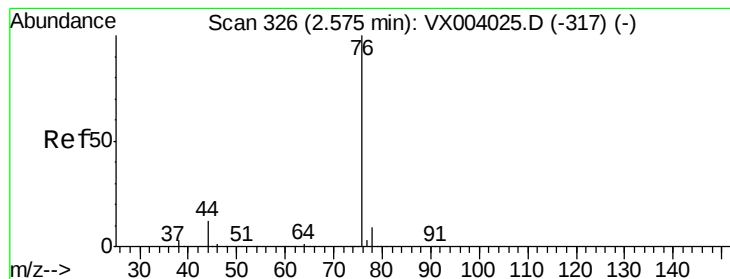
43 100

58 32.0 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: 19.25 ug/l

RT: 2.57 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

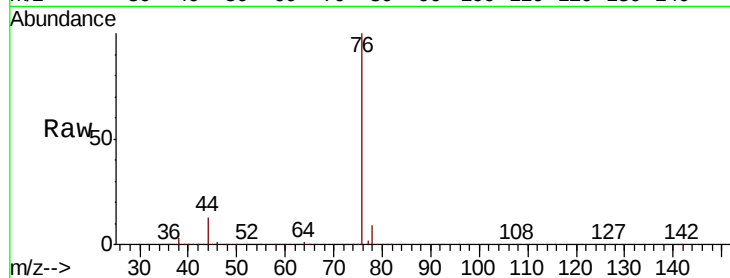
VX0814WBS01

Tot Ion: 76 Resp: 197063

Ion Ratio Lower Upper

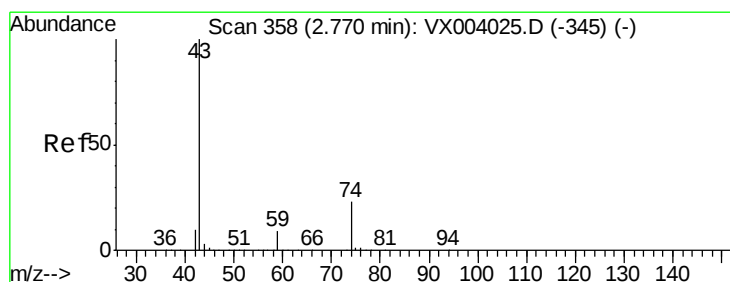
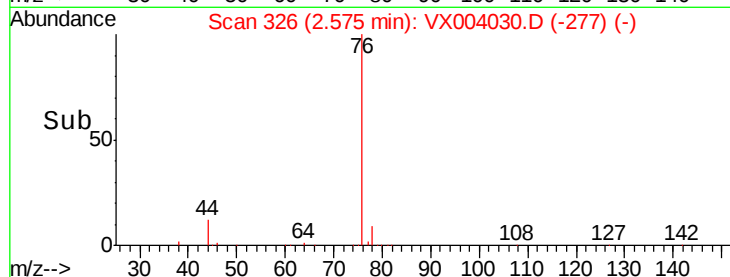
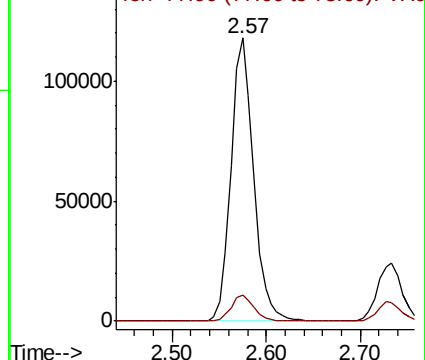
76 100

78 9.4 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: 18.48 ug/l

RT: 2.77 min Scan# 358

Delta R.T. -0.00 min

Lab File: VX004030.D

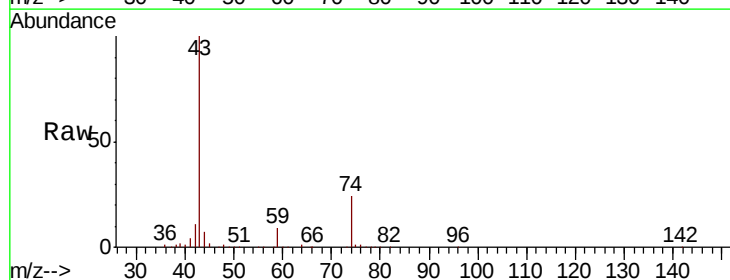
Acq: 14 Aug 2018 15:04

Tgt Ion: 43 Resp: 103218

Ion Ratio Lower Upper

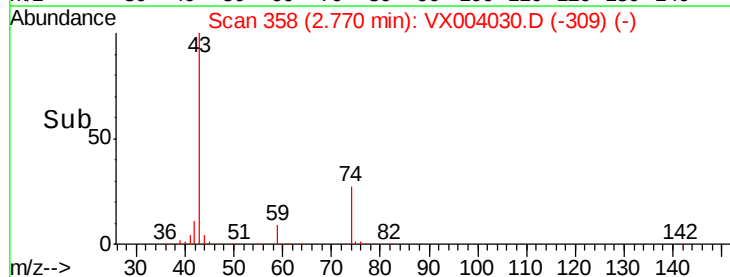
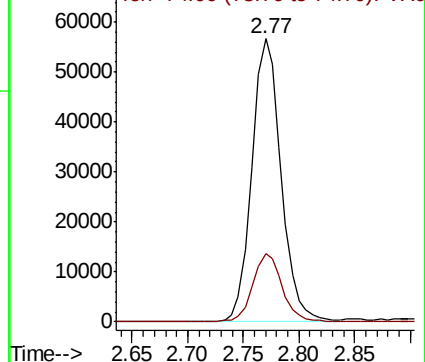
43 100

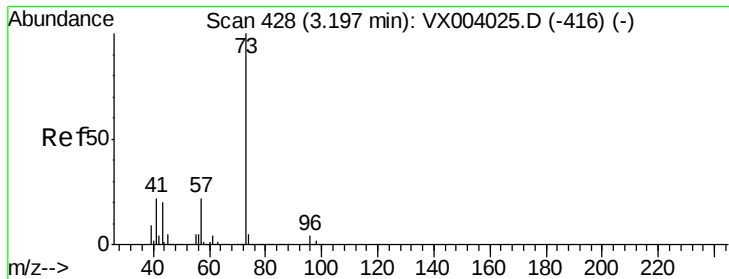
74 24.5 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

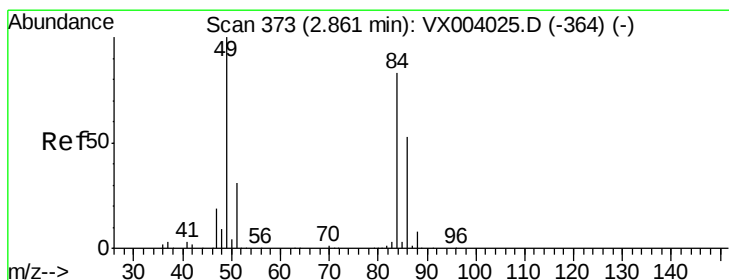
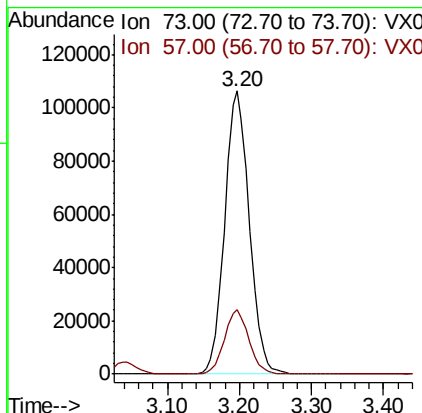
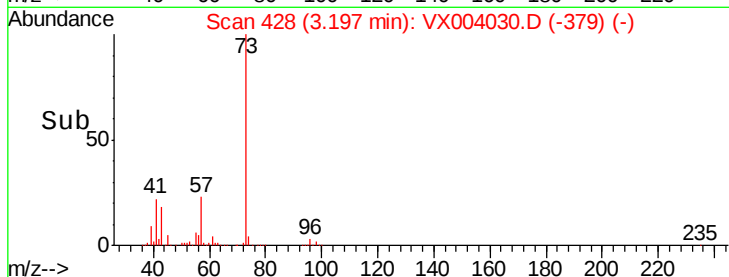
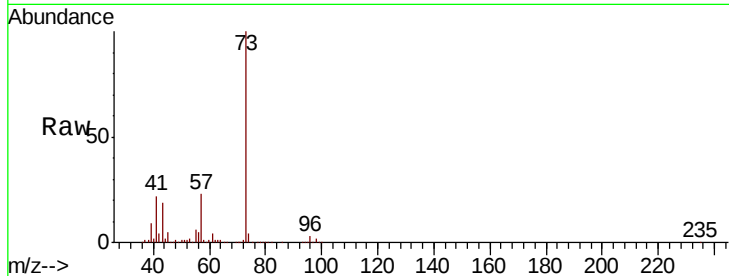




#19
Methyl tert-butyl Ether
Concen: 19.90 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

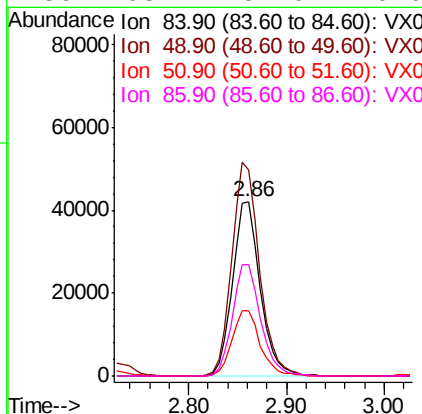
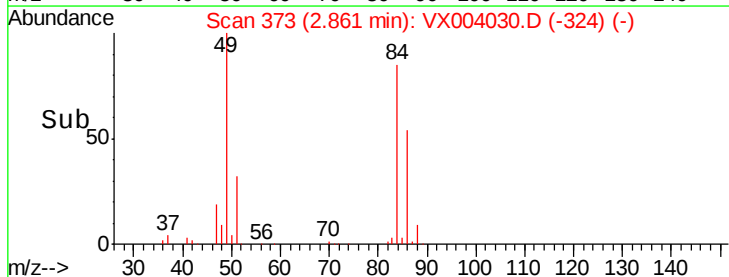
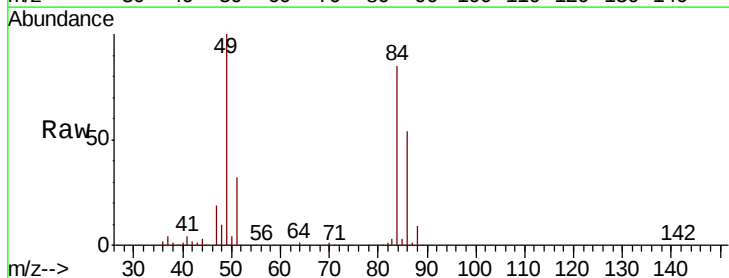
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

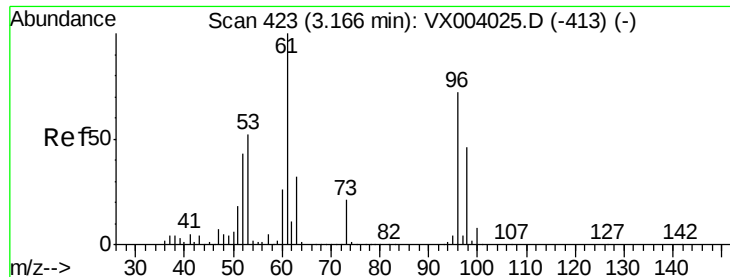
Tot Ion: 73 Resp: 252999
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 19.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion: 84 Resp: 82679
Ion Ratio Lower Upper
84 100
49 118.2 98.9 148.3
51 37.5 29.9 44.9
86 63.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.62 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

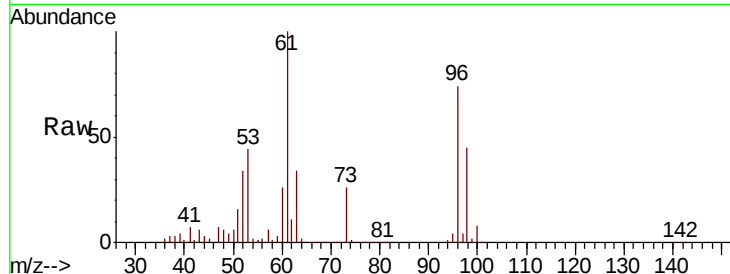
Tot Ion: 96 Resp: 80409

Ion Ratio Lower Upper

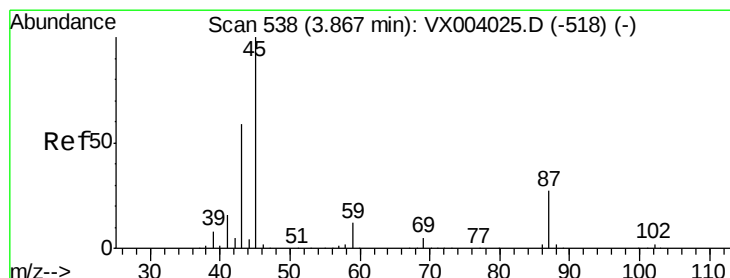
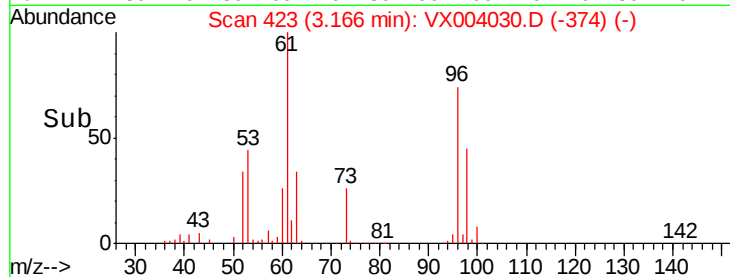
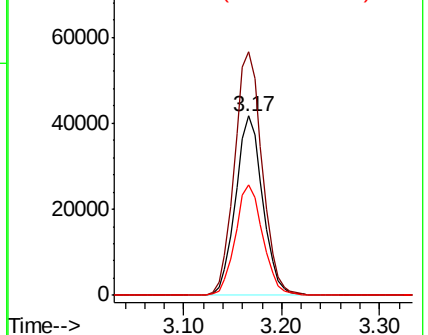
96 100

61 135.7 111.8 167.6

98 61.6 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: 19.98 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Tgt Ion: 45 Resp: 268851

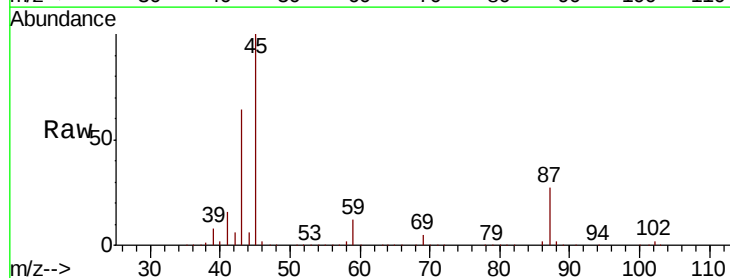
Ion Ratio Lower Upper

45 100

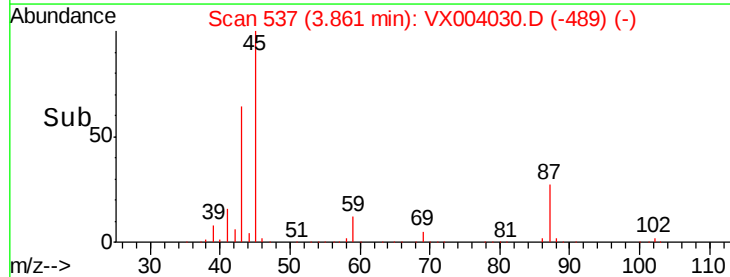
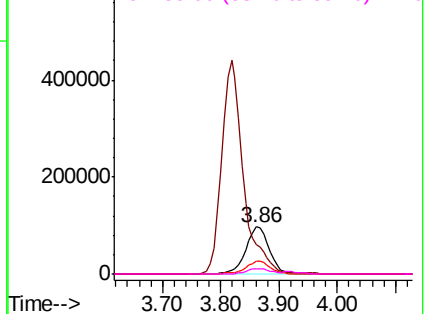
43 64.0 45.3 67.9

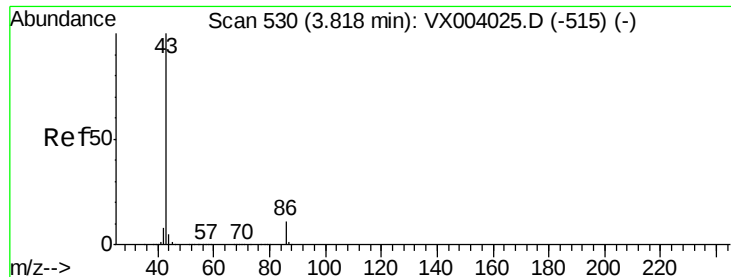
87 27.0 22.7 34.1

59 11.7 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: 102.55 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

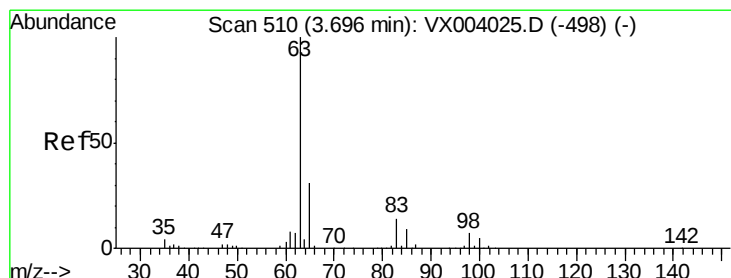
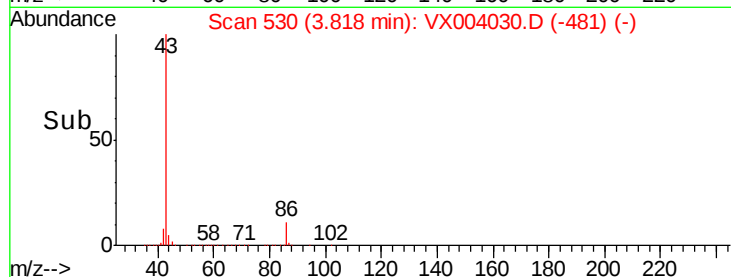
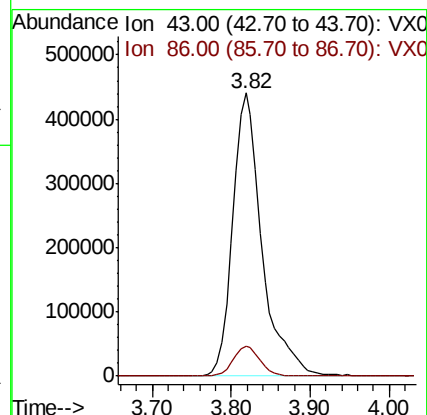
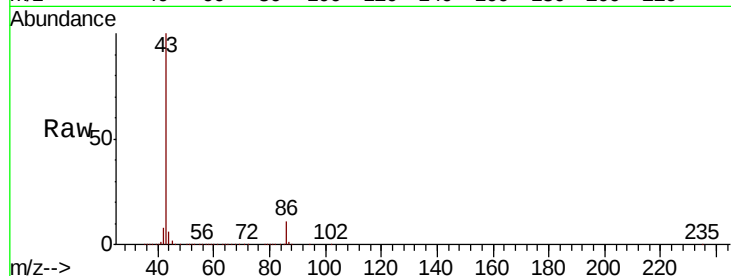
VX0814WBS01

Tot Ion: 43 Resp: 1133470

Ion Ratio Lower Upper

43 100

86 10.7 8.9 13.3



#24

1,1-Dichloroethane

Concen: 19.72 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

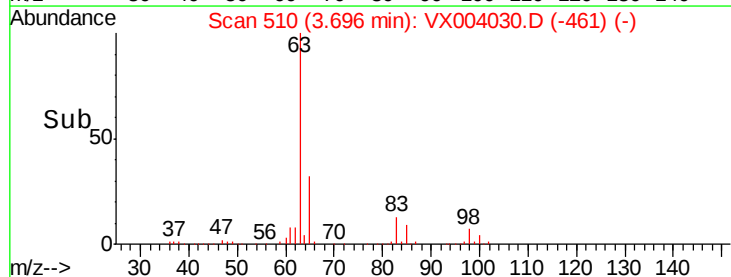
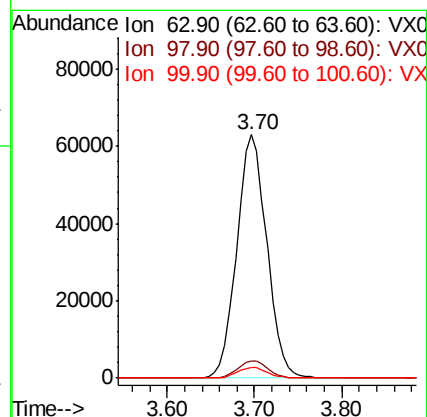
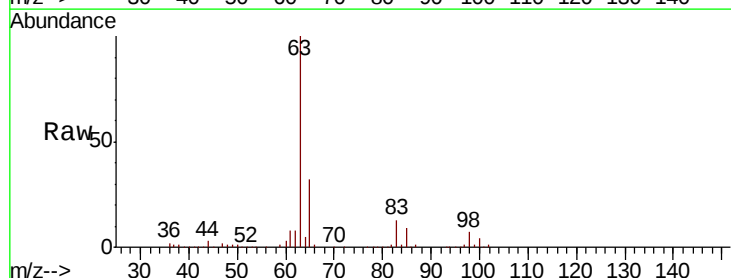
Tgt Ion: 63 Resp: 150327

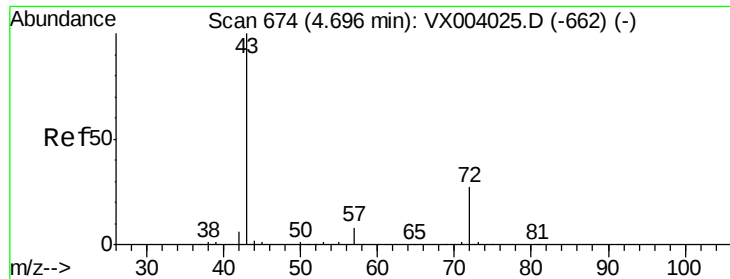
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 93.79 ug/l

RT: 4.70 min Scan# 674

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

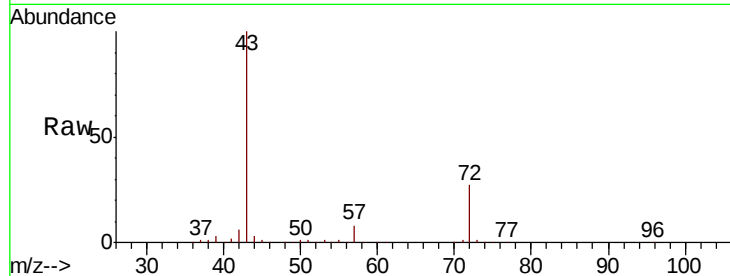
VX0814WBS01

Tot Ion: 43 Resp: 383516

Ion Ratio Lower Upper

43 100

72 26.9 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

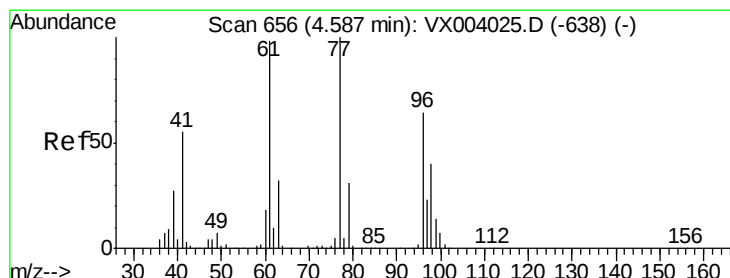
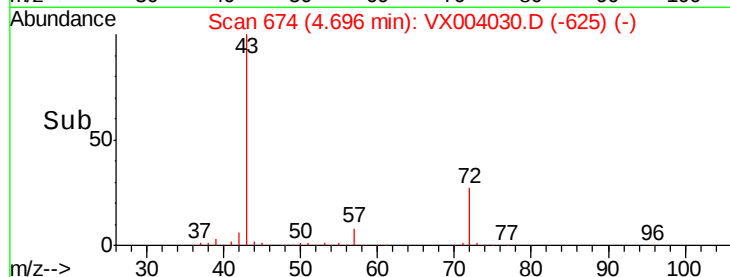
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.41 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004030.D

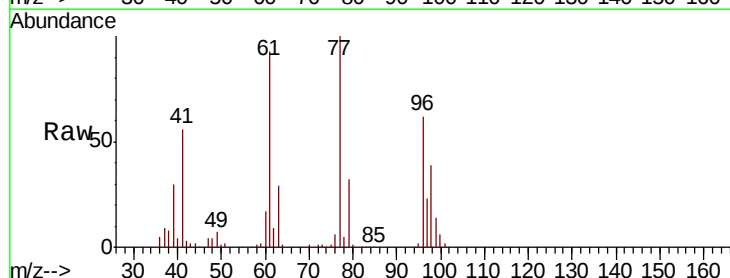
Acq: 14 Aug 2018 15:04

Tgt Ion: 77 Resp: 117625

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

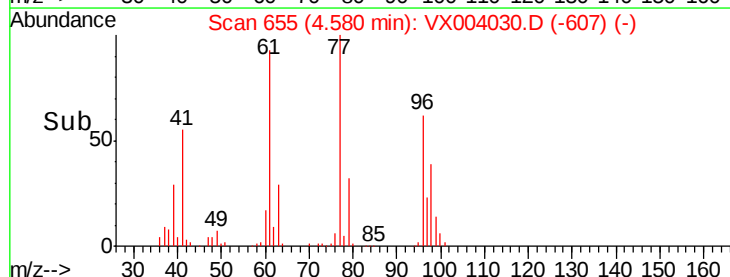
20000

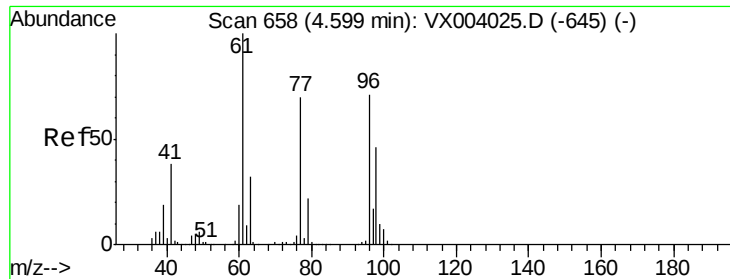
10000

0

4.40 4.50 4.60 4.70

Time-->



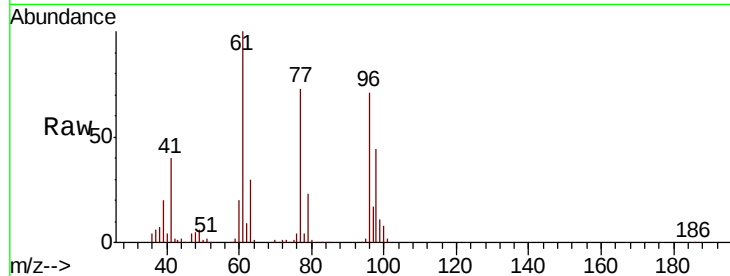


#27

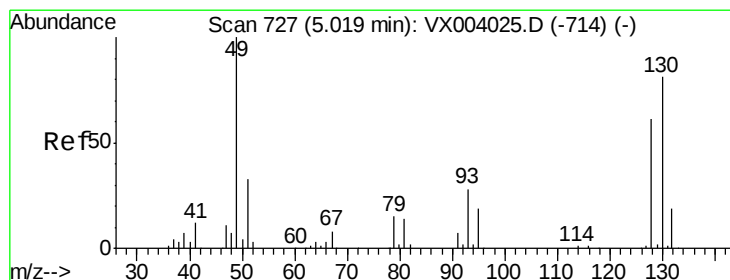
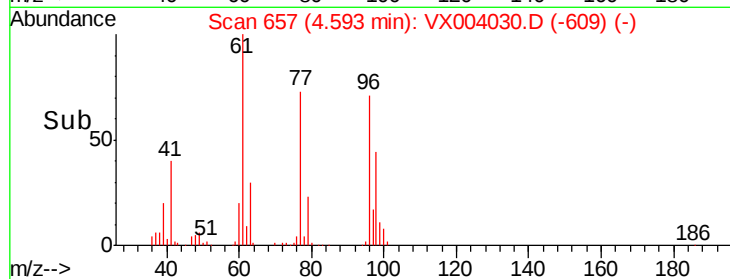
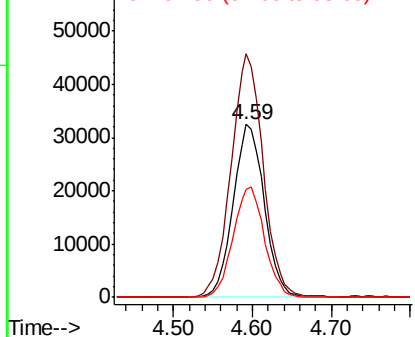
cis-1,2-Dichloroethene
 Concen: 19.28 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Tot Ion: 96 Resp: 88875
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 293.0
 98 64.6 0.0 131.8



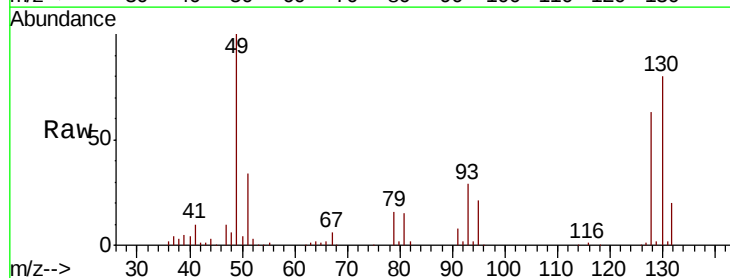
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



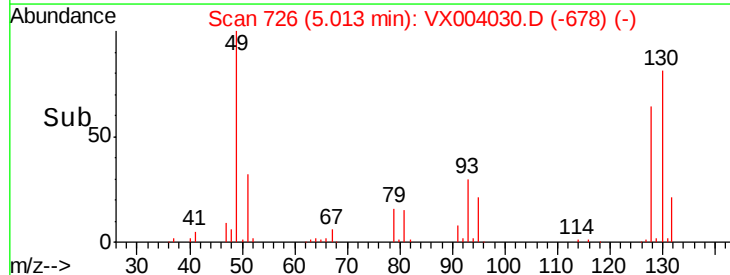
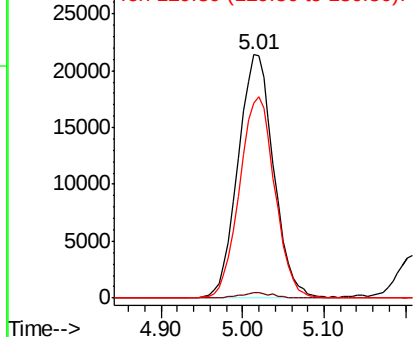
#28

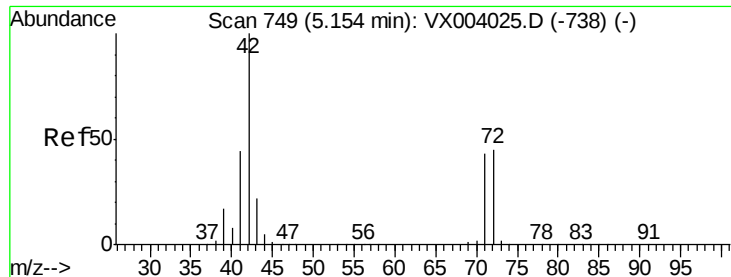
Bromochloromethane
 Concen: 18.57 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 49 Resp: 64944
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 82.0 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: 91.45 ug/l

RT: 5.15 min Scan# 749

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

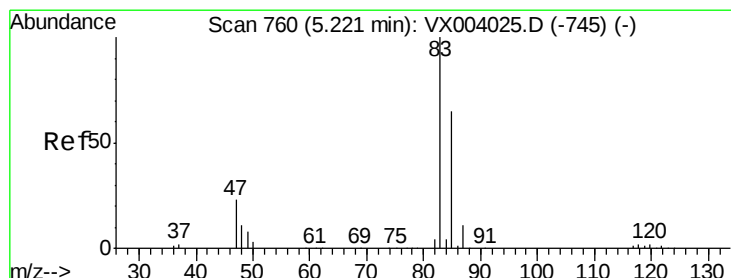
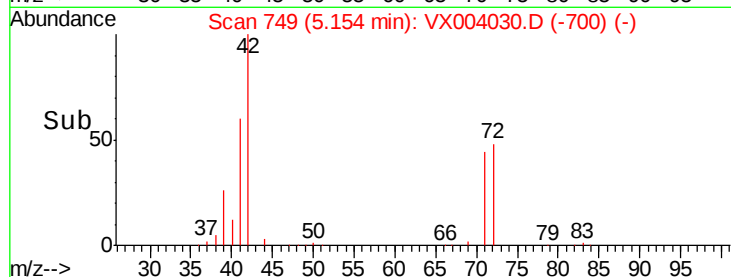
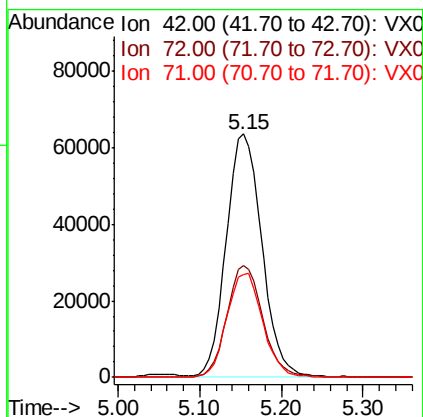
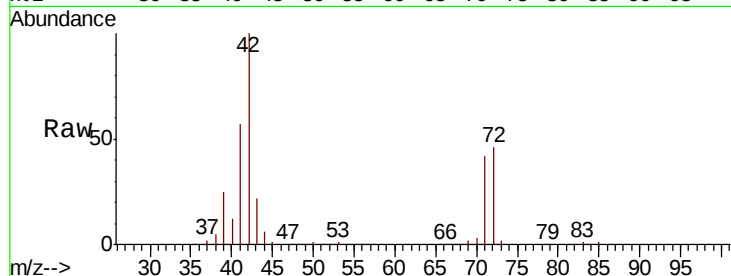
Tot Ion: 42 Resp: 191067

Ion Ratio Lower Upper

42 100

72 46.5 37.7 56.5

71 43.3 35.0 52.6



#30

Chloroform

Concen: 19.50 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX004030.D

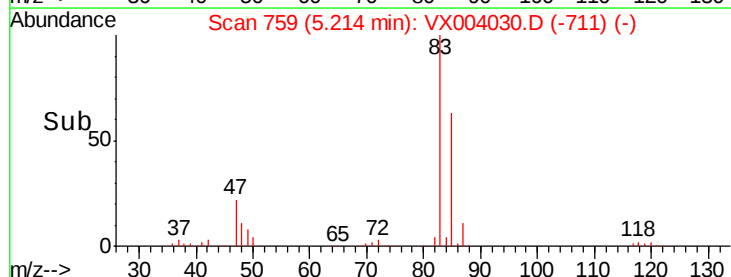
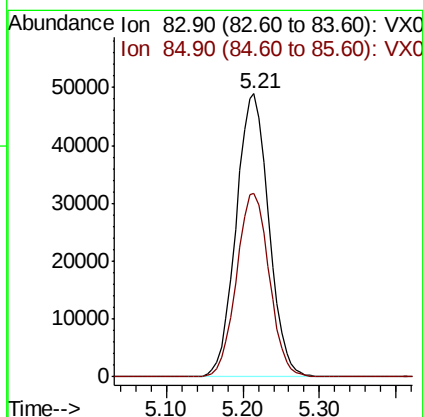
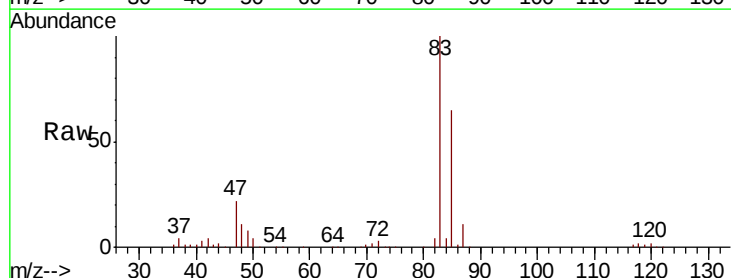
Acq: 14 Aug 2018 15:04

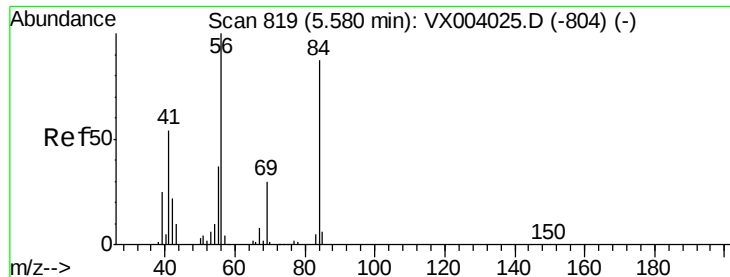
Tgt Ion: 83 Resp: 145089

Ion Ratio Lower Upper

83 100

85 64.8 50.7 76.1





#31

Cyclohexane

Concen: 18.34 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

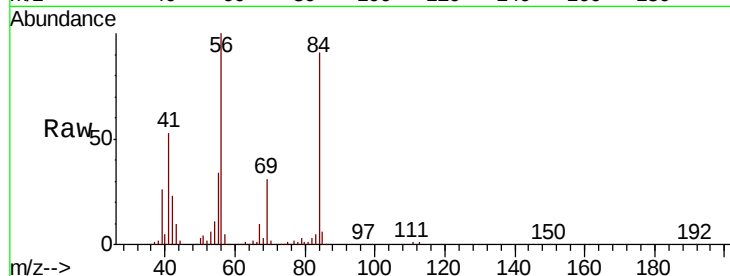
Tot Ion: 56 Resp: 122547

Ion Ratio Lower Upper

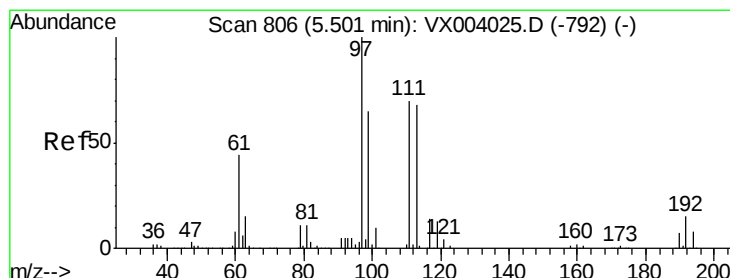
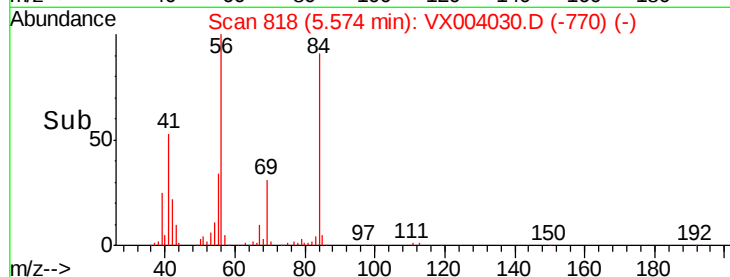
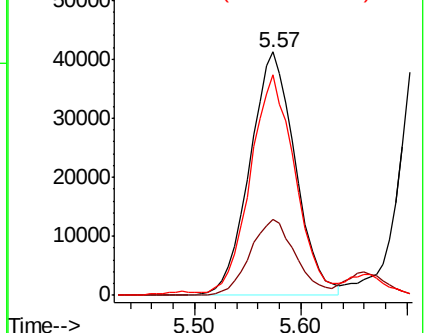
56 100

69 31.0 24.9 37.3

84 89.3 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: 19.44 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

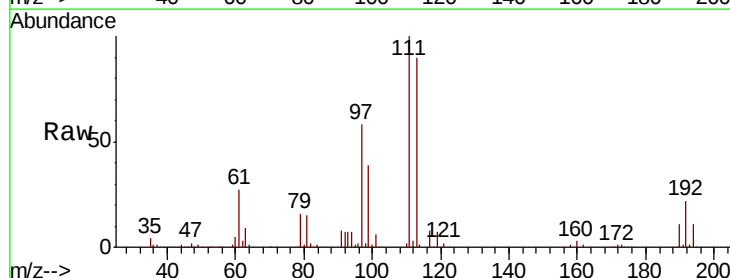
Tgt Ion: 97 Resp: 120856

Ion Ratio Lower Upper

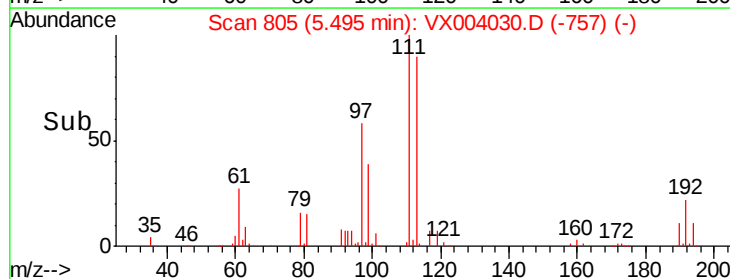
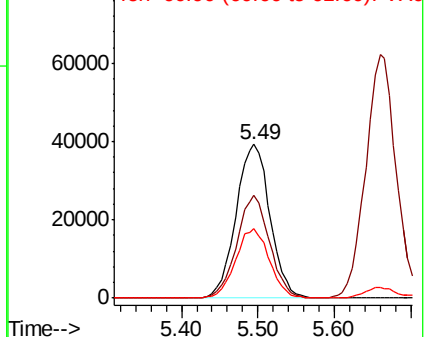
97 100

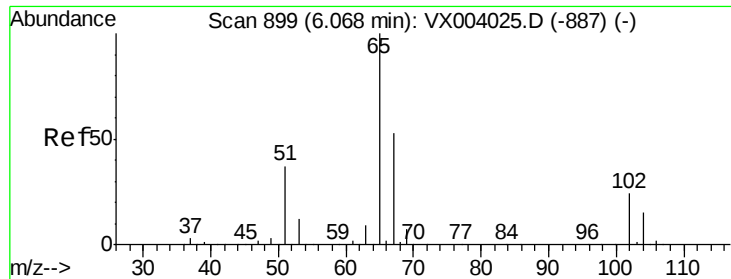
99 64.4 51.8 77.8

61 44.9 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

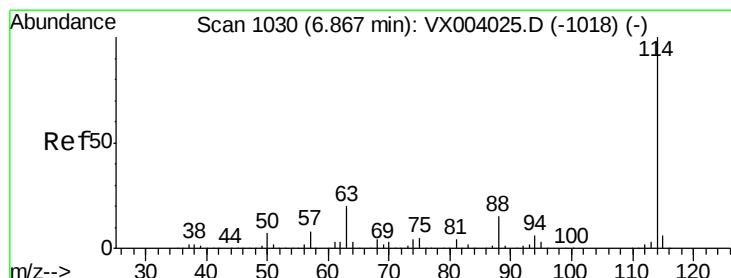
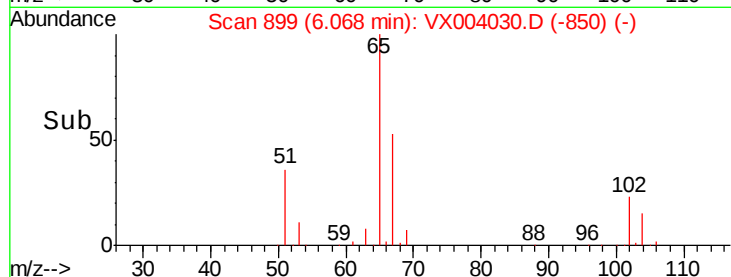
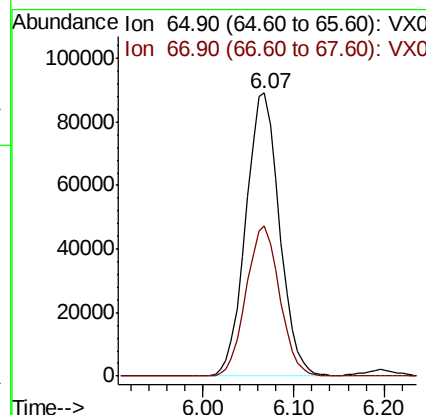
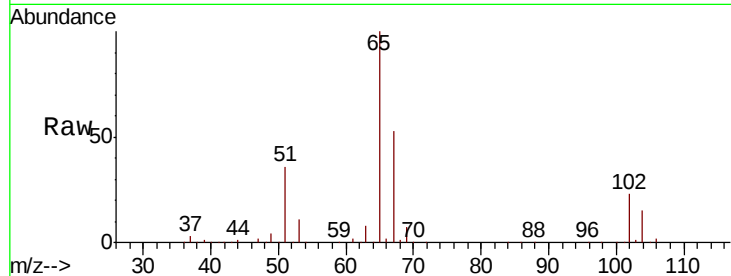




#33
 1,2-Dichloroethane-d4
 Concen: 47.41 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

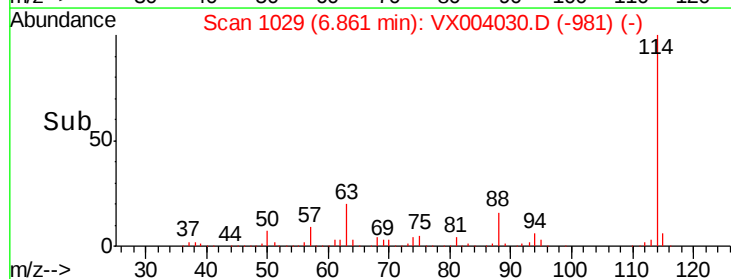
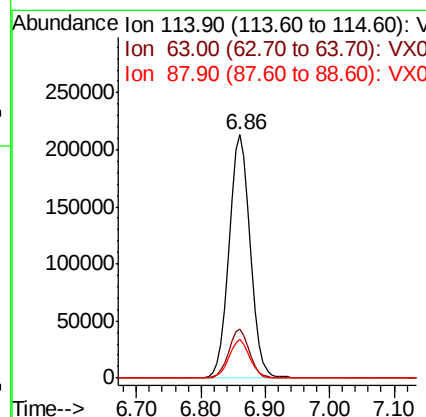
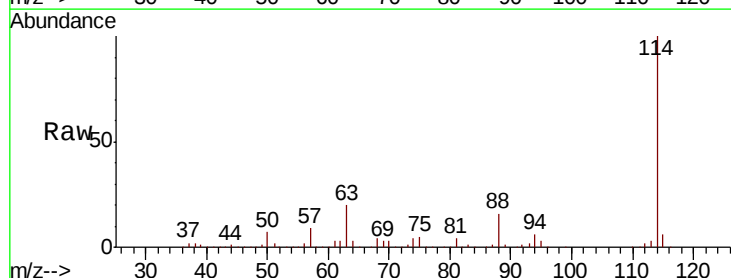
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

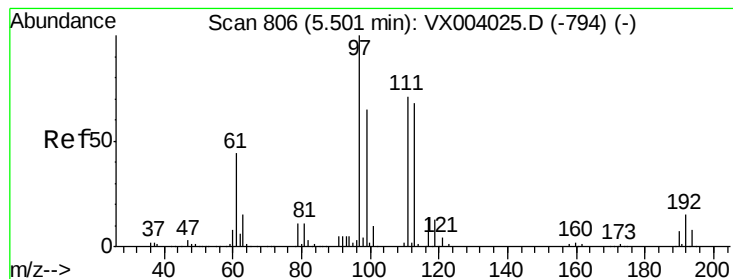
Tot Ion: 65 Resp: 229171
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 114 Resp: 495237
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.47 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

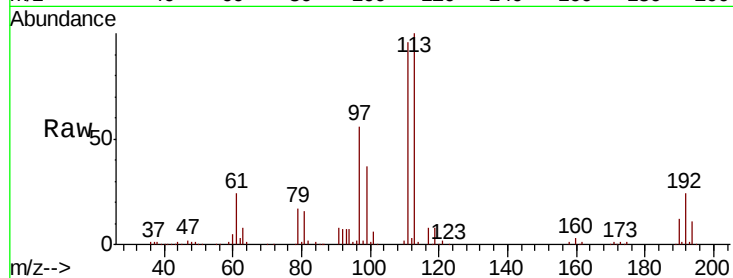
Tot Ion:113 Resp: 187064

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

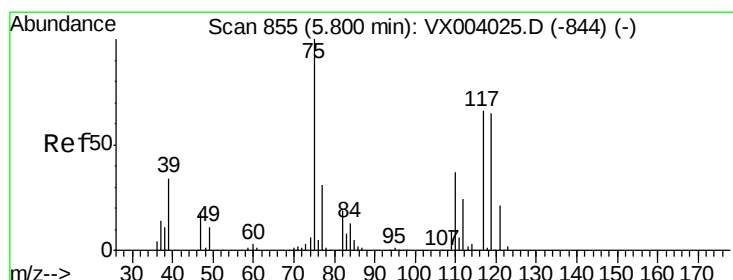
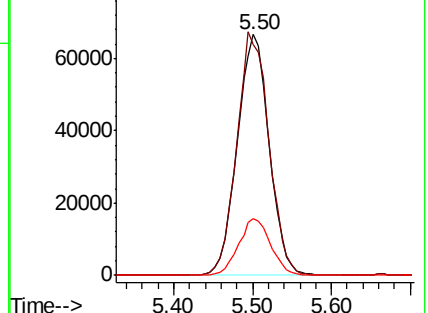
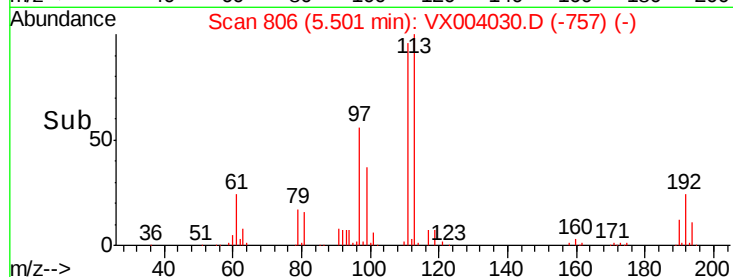
192 23.6 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.96 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

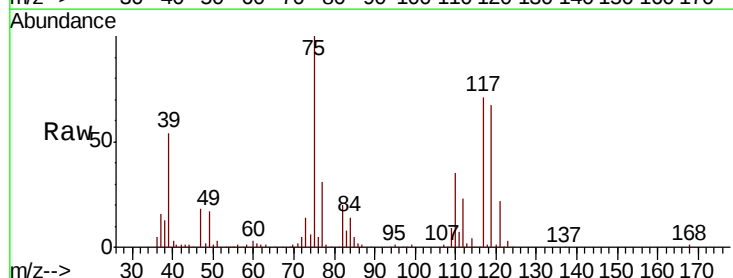
Tgt Ion: 75 Resp: 112487

Ion Ratio Lower Upper

75 100

110 35.9 18.2 54.6

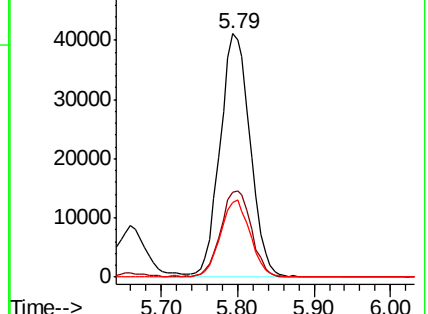
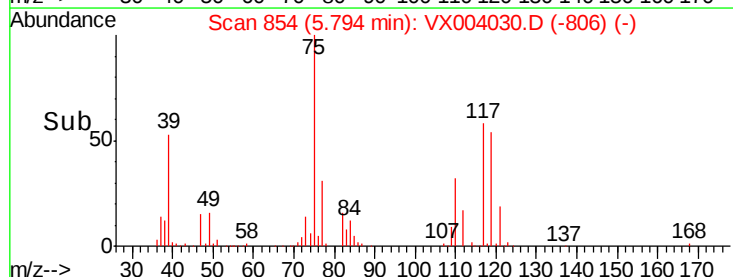
77 31.2 25.0 37.4

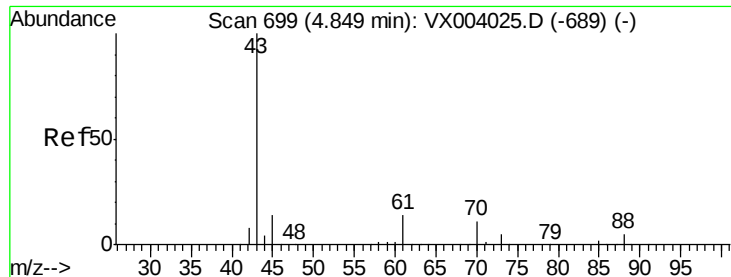


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

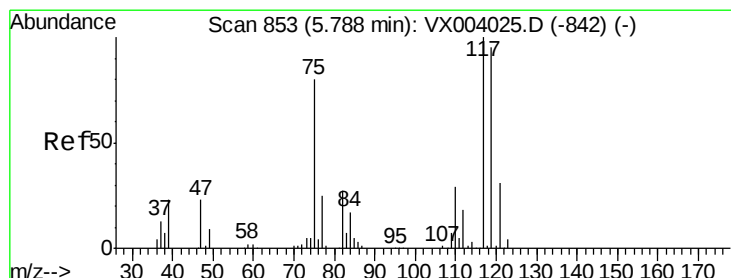
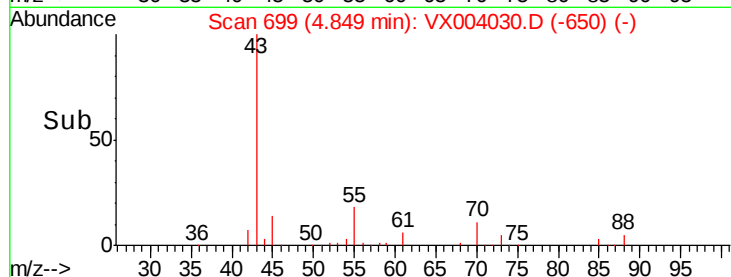
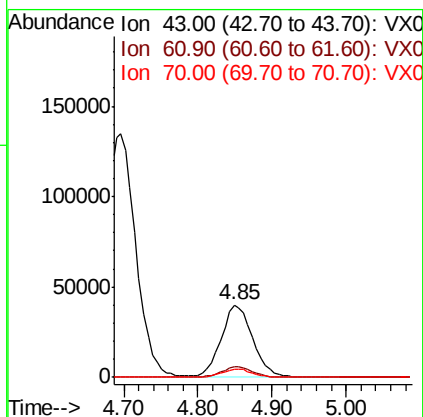
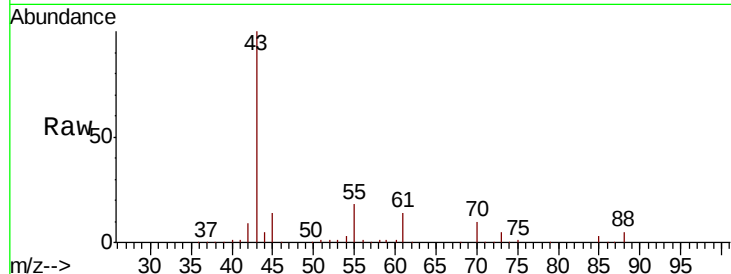




#37
Ethyl Acetate
Concen: 19.22 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

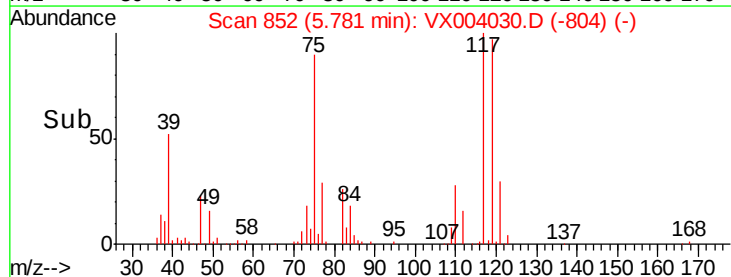
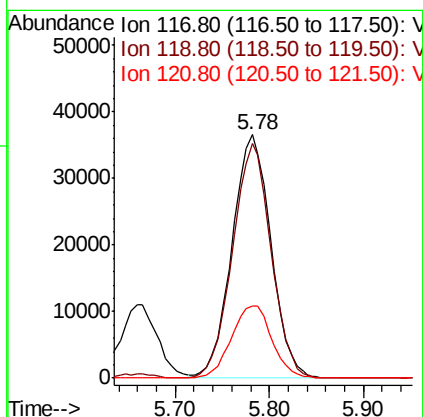
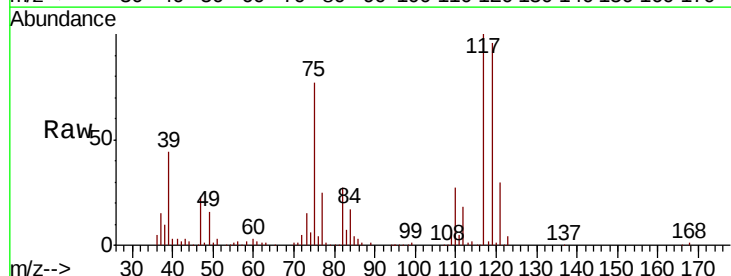
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

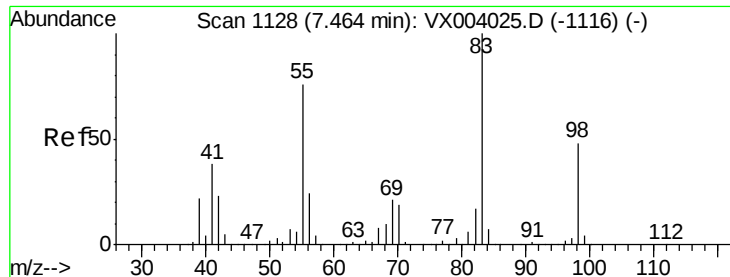
Tot Ion: 43 Resp: 117921
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.3 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.20 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion: 117 Resp: 105108
Ion Ratio Lower Upper
117 100
119 96.2 79.5 119.3
121 29.8 25.0 37.4

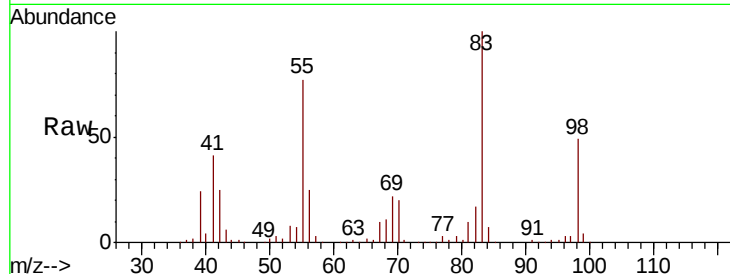




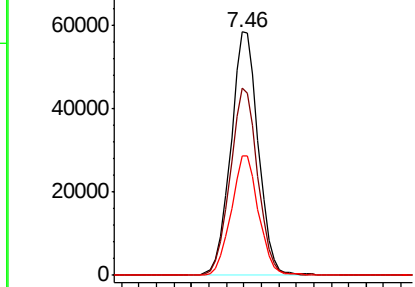
#39
Methylvlcyclohexane
Concen: 20.03 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

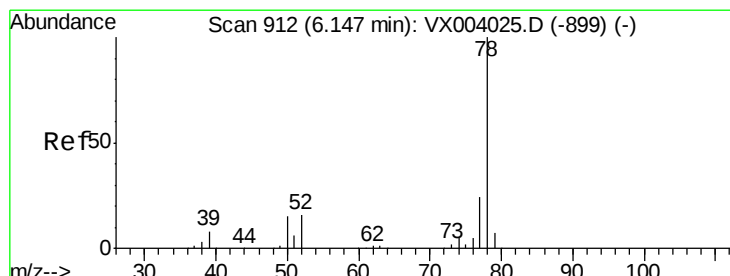
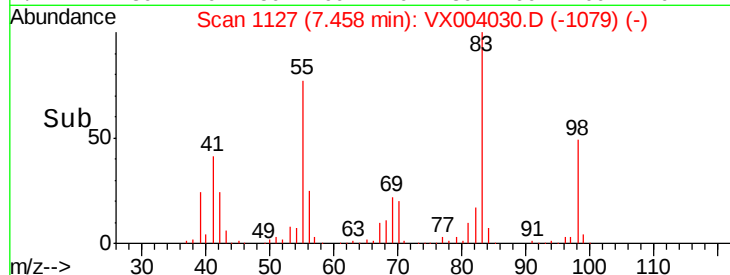
Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.0	91.6
98	49.0	38.6	57.8



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

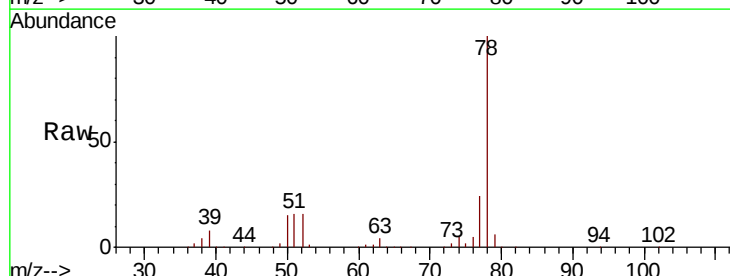


Time-->

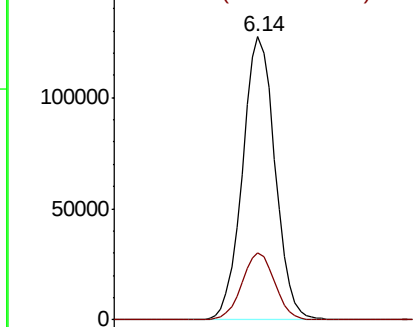


#40
Benzene
Concen: 19.44 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

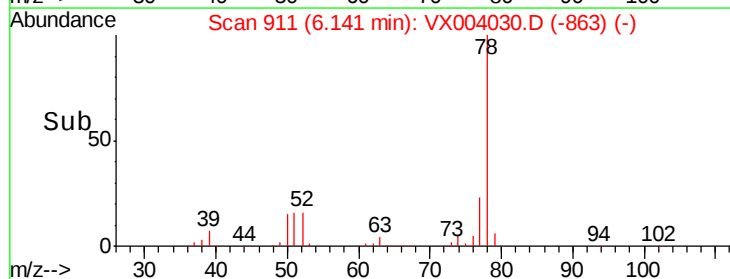
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4

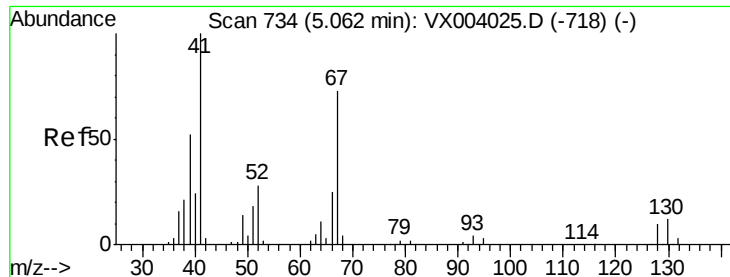


Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



Time-->

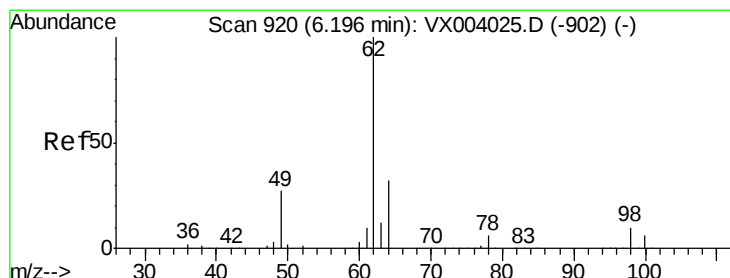
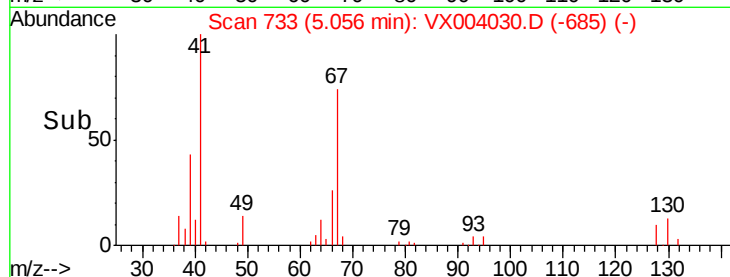
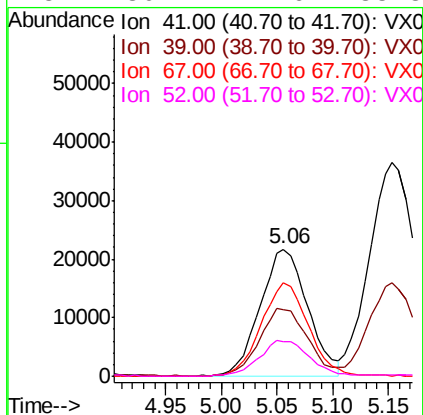
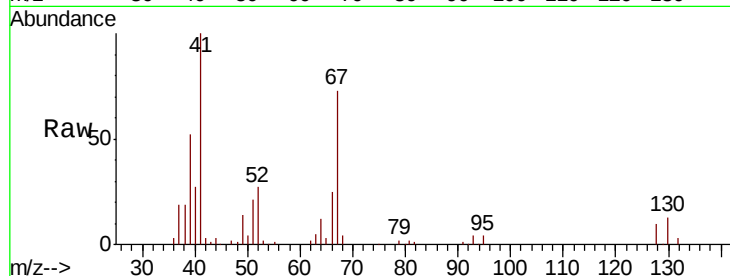




#41
Methacrylonitrile
Concen: 18.82 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

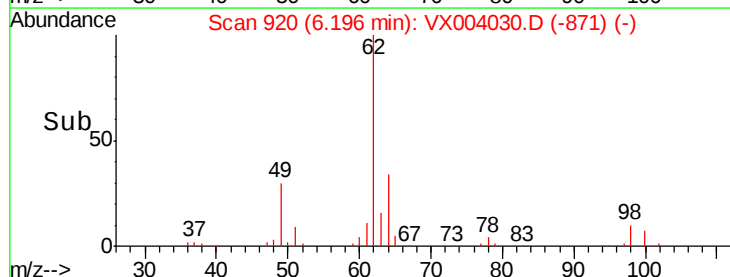
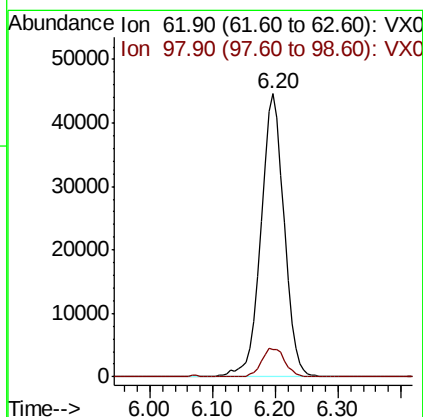
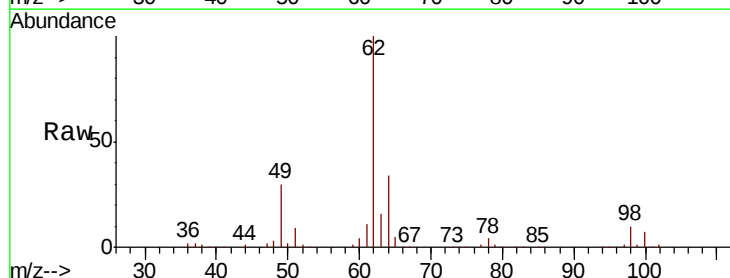
Instrument :
MSVOA_X
ClientSampled :
VX0814WBS01

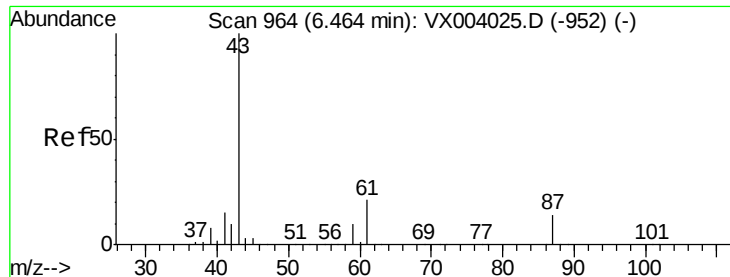
Tot Ion:	41	Resp:	64690
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.7	64.1
67	72.9	58.9	88.3
52	30.2	22.6	33.8



#42
1,2-Dichloroethane
Concen: 19.30 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion:	62	Resp:	114339
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



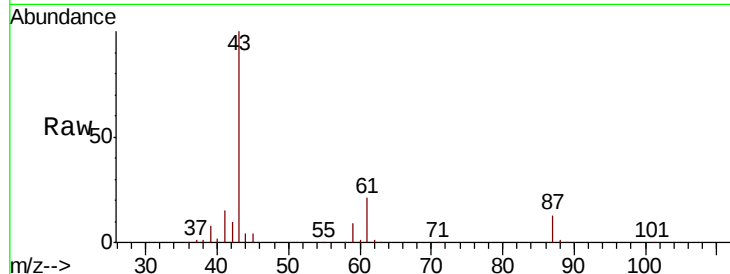


#43

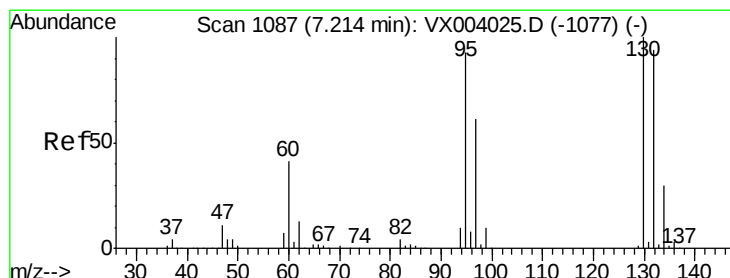
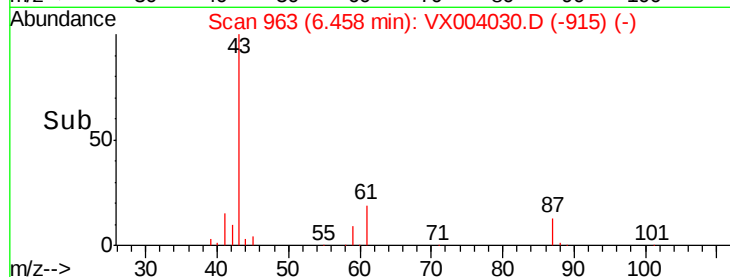
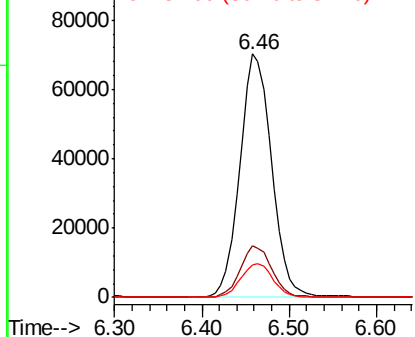
Isopropyl Acetate
 Concen: 19.55 ug/l
 RT: 6.46 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	16.9	25.3
87	14.1	11.3	16.9



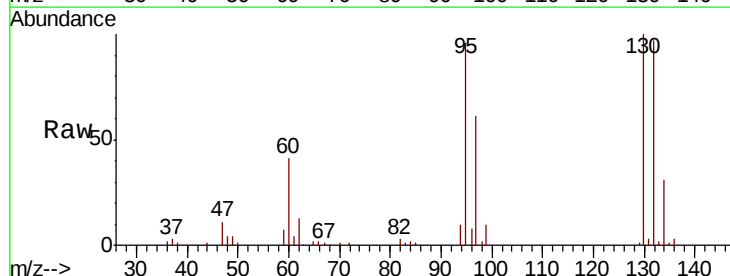
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



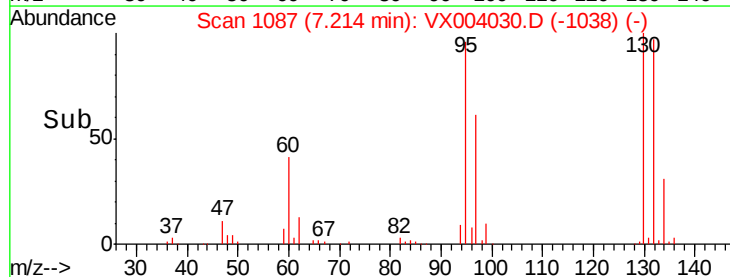
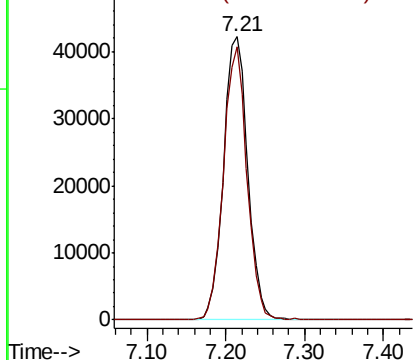
#44

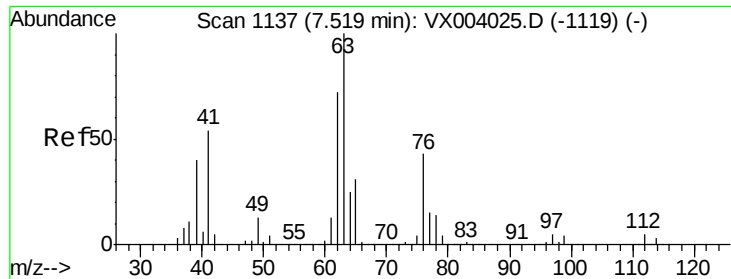
Trichloroethene
 Concen: 19.73 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	199.4



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

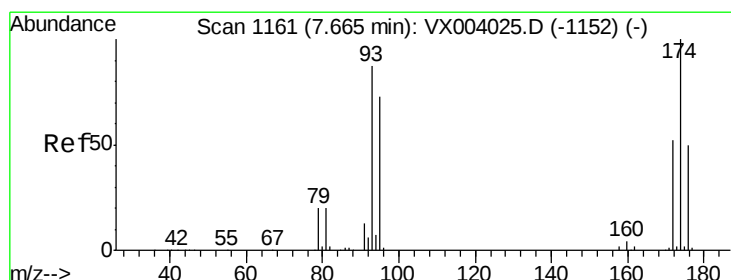
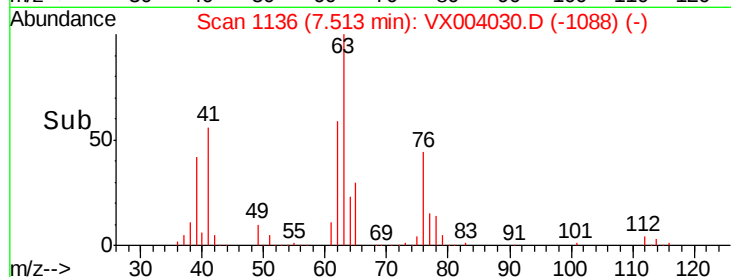
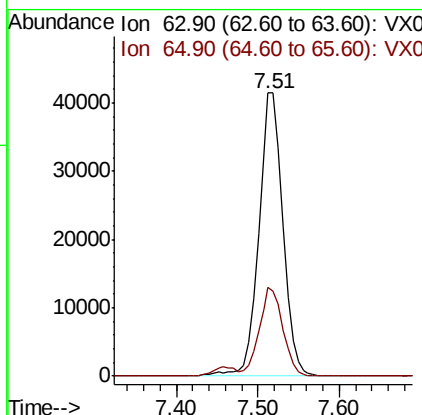
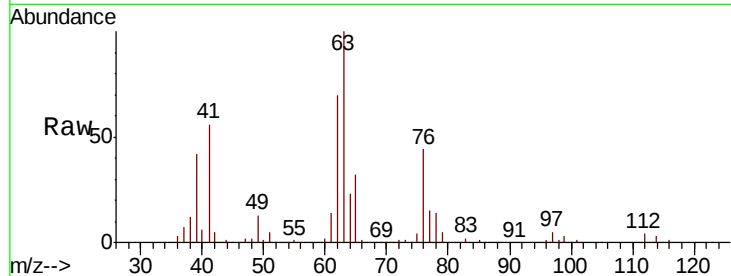




#45
 1,2-Dichloropropane
 Concen: 19.81 ug/l
 RT: 7.51 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

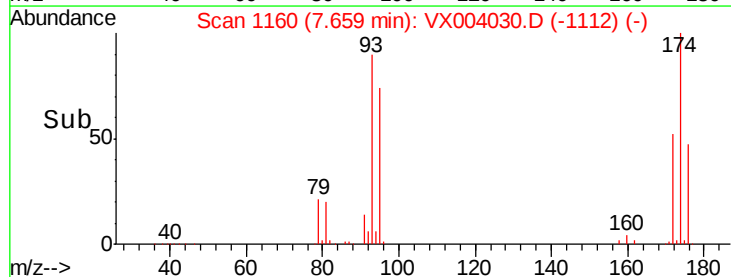
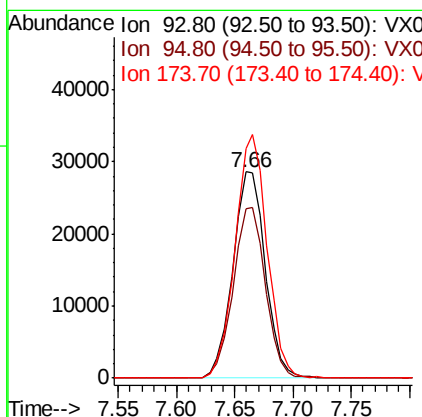
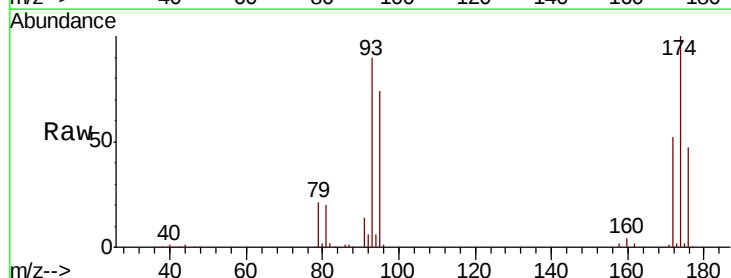
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

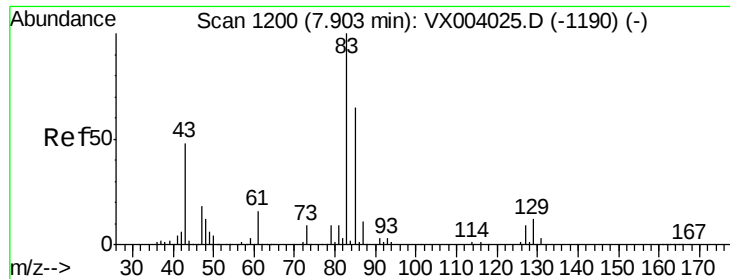
Tot Ion: 63 Resp: 85816
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 19.57 ug/l
 RT: 7.66 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 93 Resp: 55388
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.4 99.6
 174 116.8 94.3 141.5





#47

Bromodichloromethane

Concen: 19.43 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

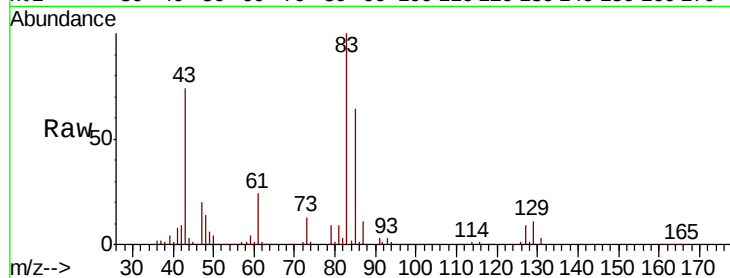
Tot Ion: 83 Resp: 104173

Ion Ratio Lower Upper

83 100

85 64.1 51.2 76.8

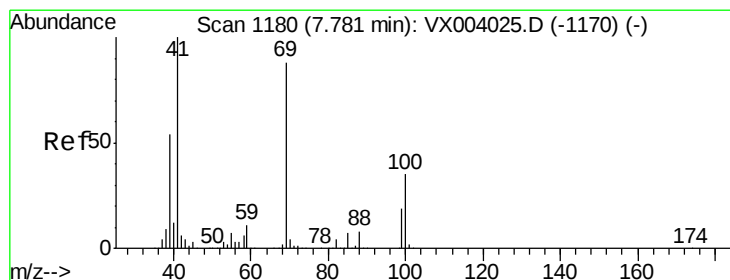
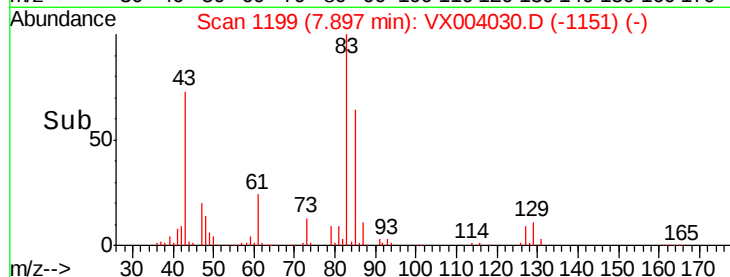
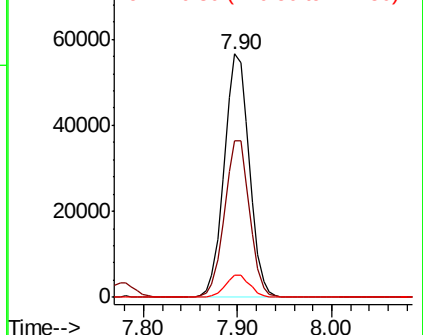
127 8.9 7.2 10.8



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: 19.79 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

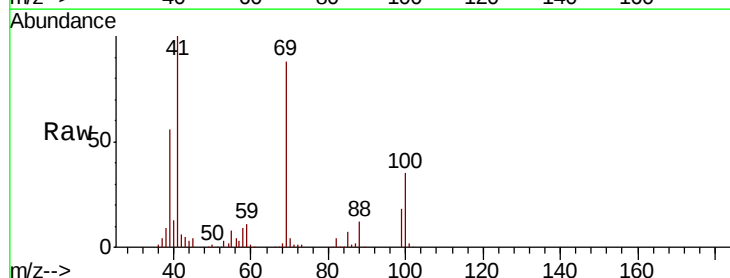
Tgt Ion: 41 Resp: 90124

Ion Ratio Lower Upper

41 100

69 87.4 68.8 103.2

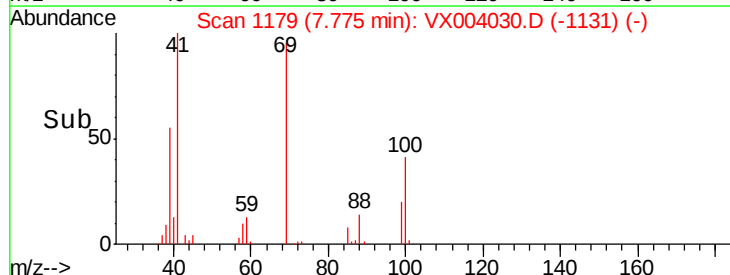
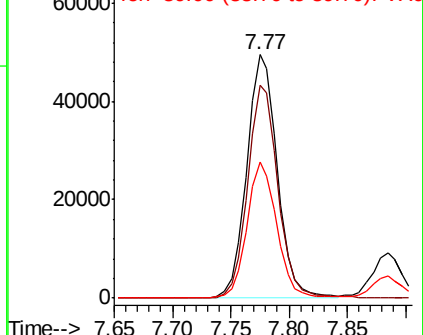
39 54.5 42.3 63.5

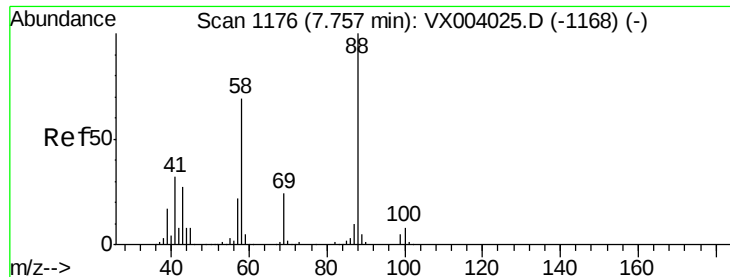


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

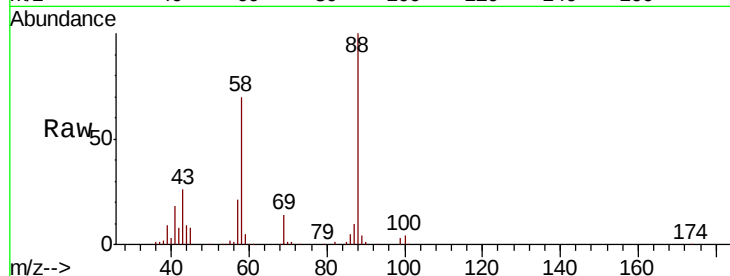




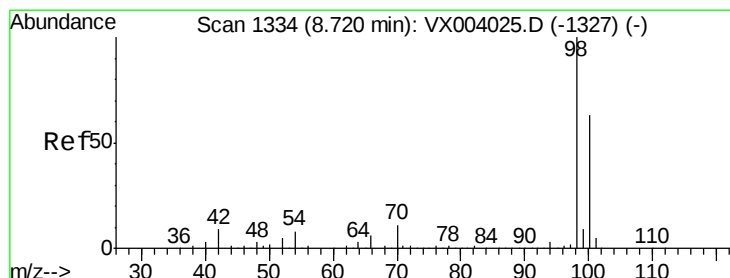
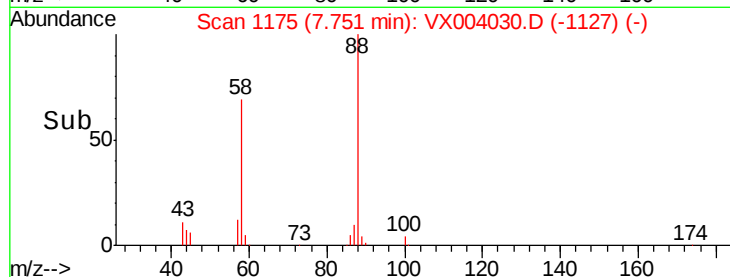
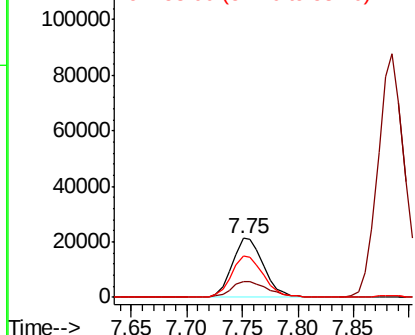
#49
1,4-Dioxane
Concen: 404.85 ug/l
RT: 7.75 min Scan# 1175
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

Tot Ion: 88 Resp: 41505
Ion Ratio Lower Upper
88 100
43 31.9 23.8 35.8
58 71.2 55.4 83.0

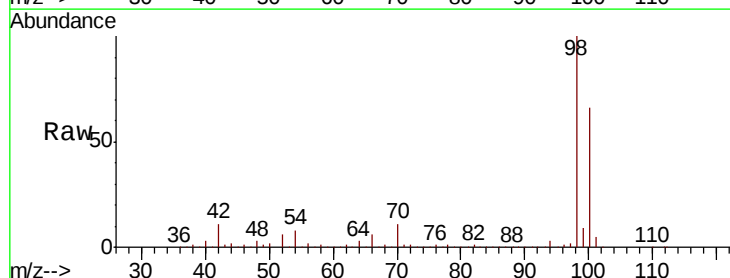


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

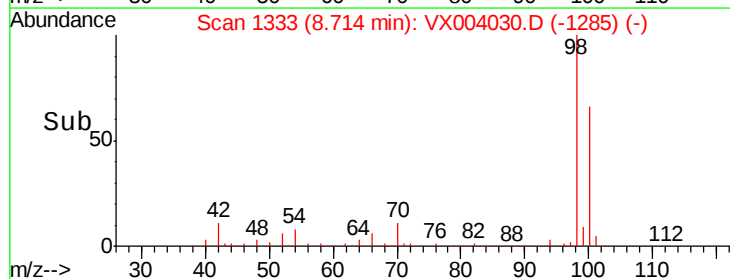
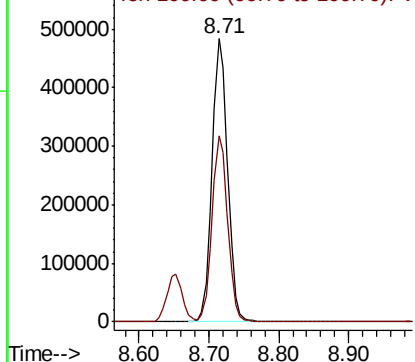


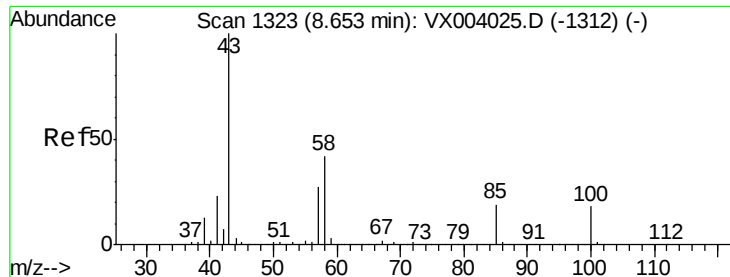
#50
Toluene-d8
Concen: 49.71 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion: 98 Resp: 747074
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 99.77 ug/l

RT: 8.65 min Scan# 1322

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

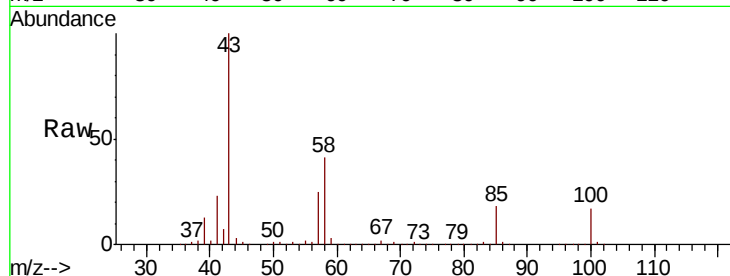
VX0814WBS01

Tot Ion: 43 Resp: 740023

Ion Ratio Lower Upper

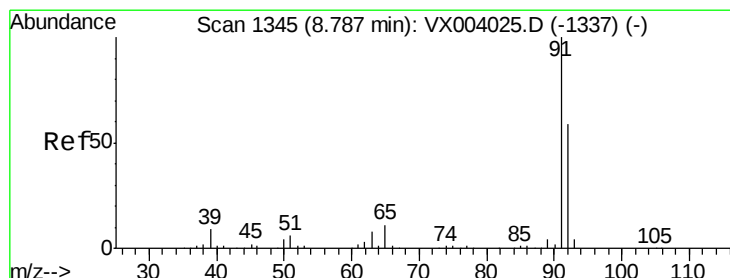
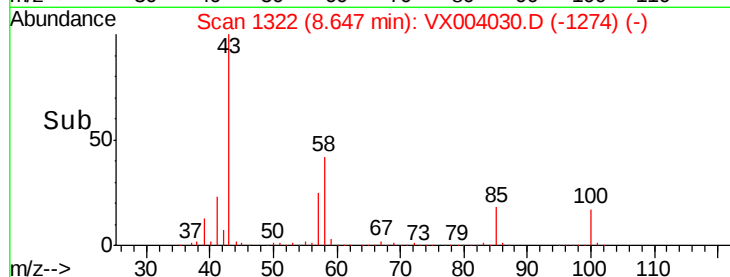
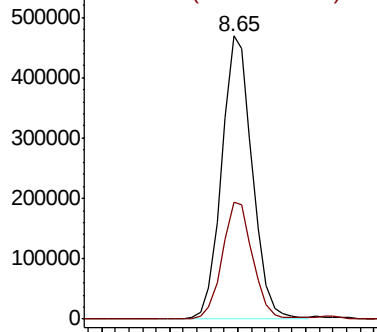
43 100

58 41.2 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.13 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004030.D

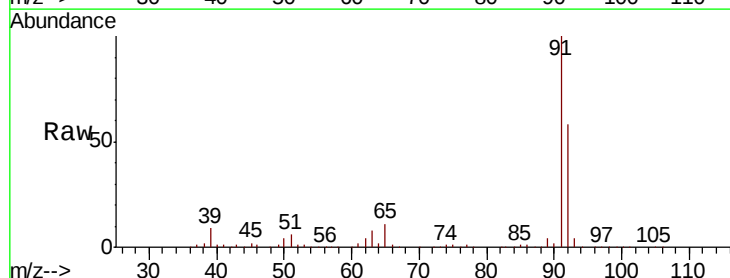
Acq: 14 Aug 2018 15:04

Tgt Ion: 92 Resp: 215476

Ion Ratio Lower Upper

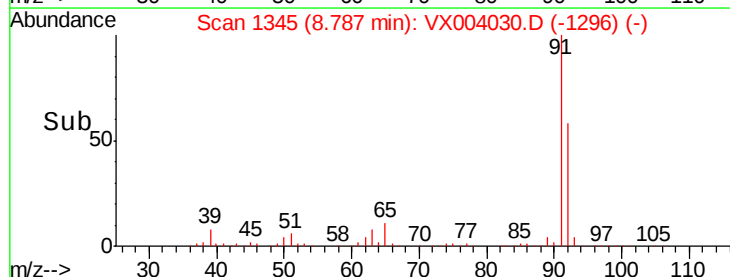
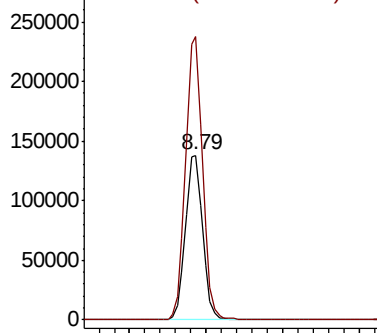
92 100

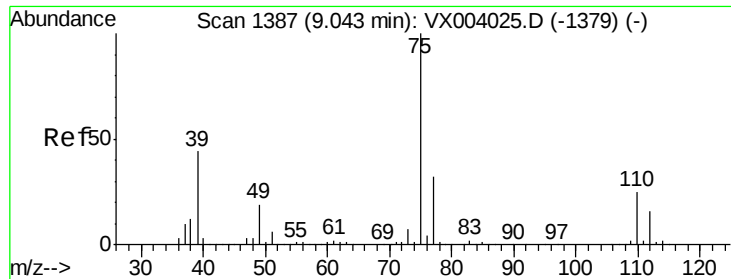
91 170.0 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

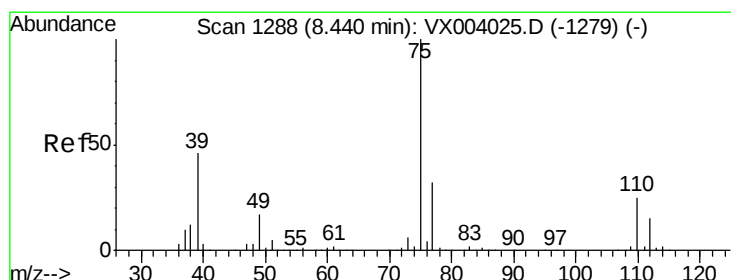
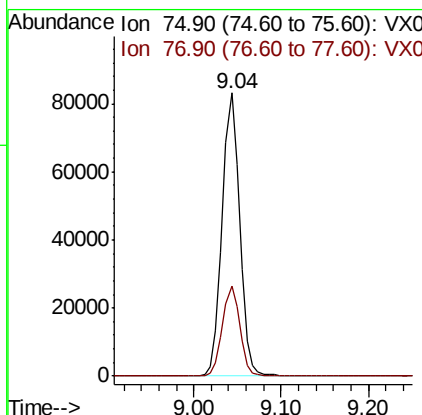
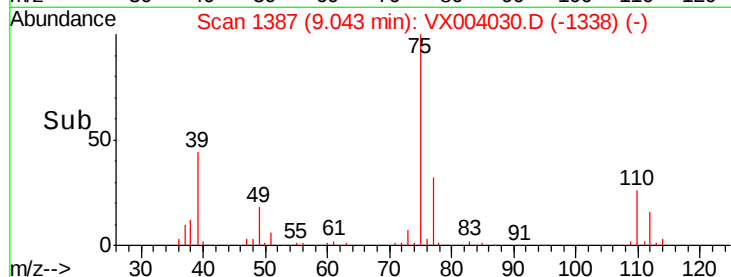
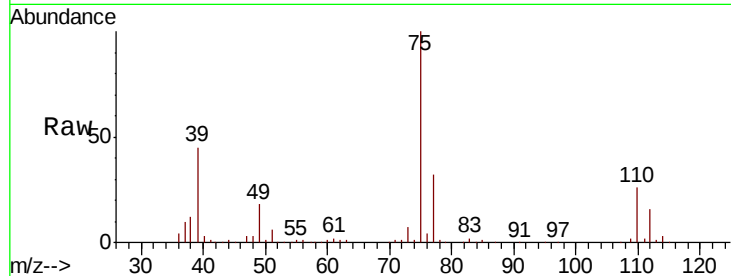




#53
 t-1,3-Dichloropropene
 Concen: 19.91 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

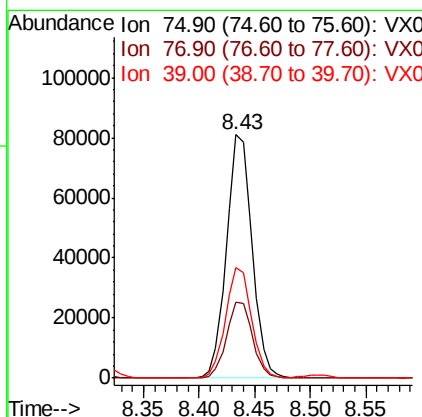
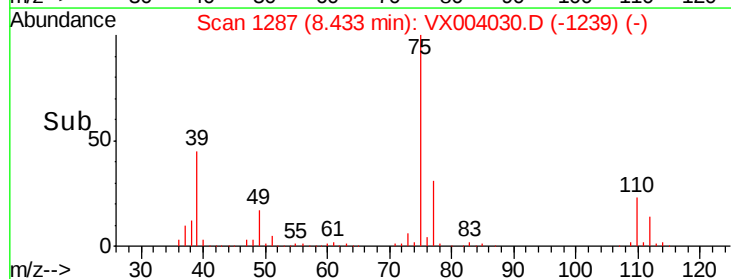
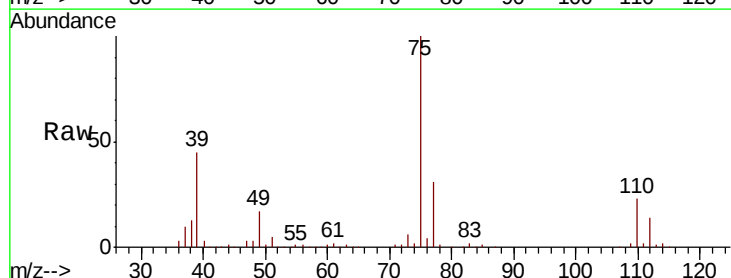
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

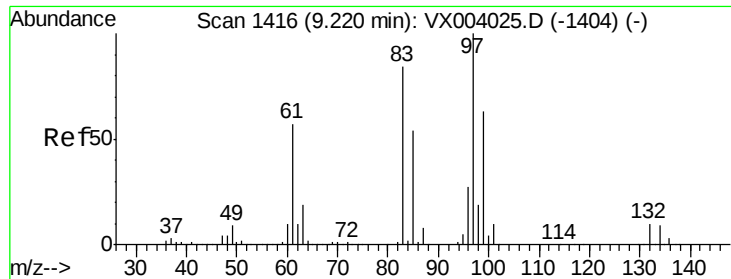
Tot Ion: 75 Resp: 115323
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.14 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 75 Resp: 129165
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.3 37.9
 39 45.1 36.2 54.2

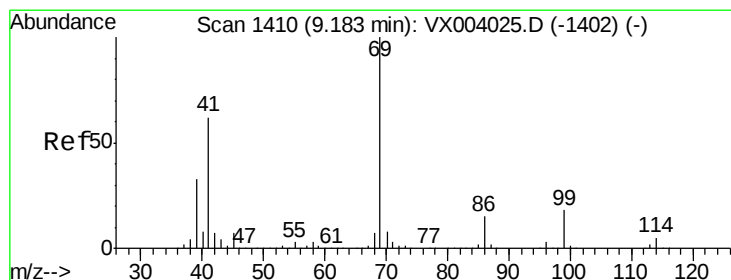
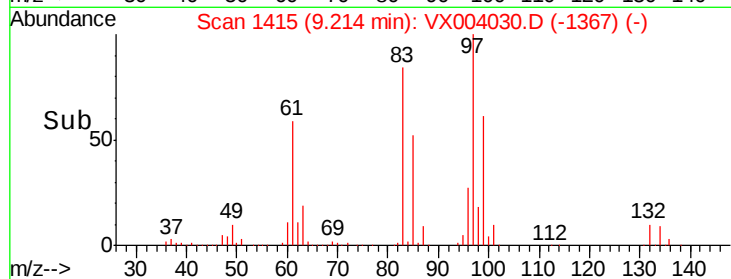
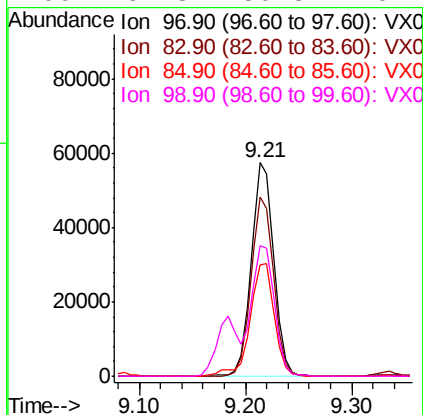
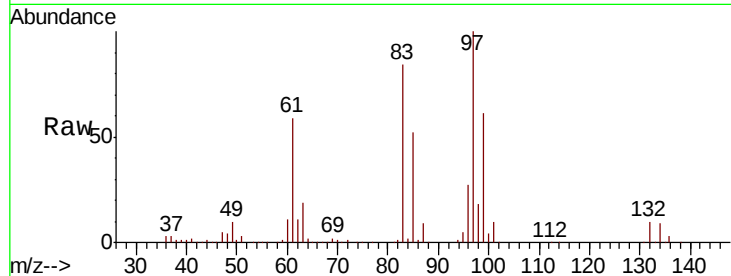




#55
 1,1,2-Trichloroethane
 Concen: 19.36 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

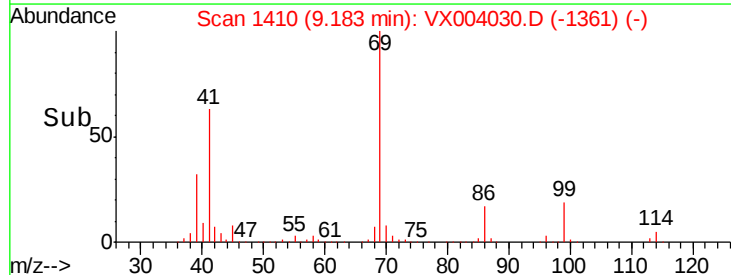
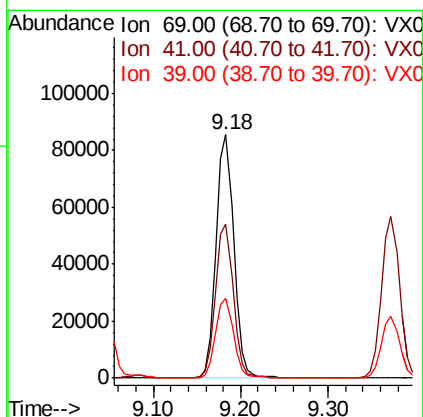
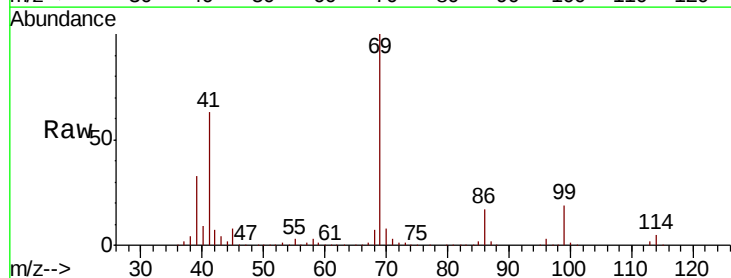
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

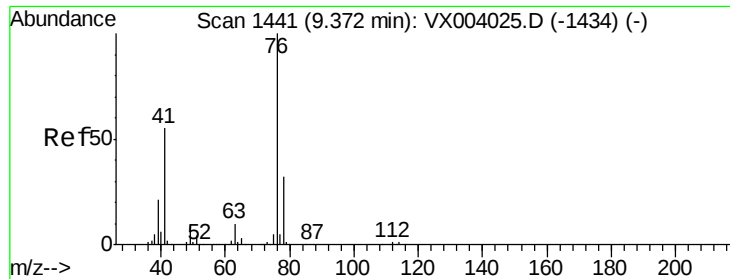
Tot Ion:	97	Resp:	85555
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.8	101.6
85	52.2	44.2	66.2
99	61.3	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 19.99 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion:	69	Resp:	120134
Ion	Ratio	Lower	Upper
69	100		
41	63.6	50.6	76.0
39	33.3	25.8	38.6

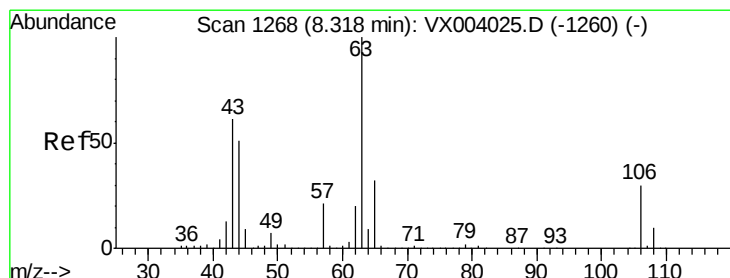
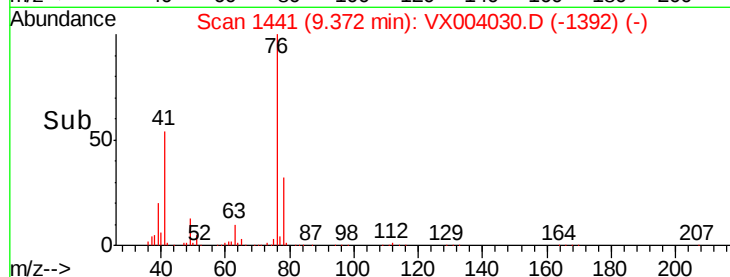
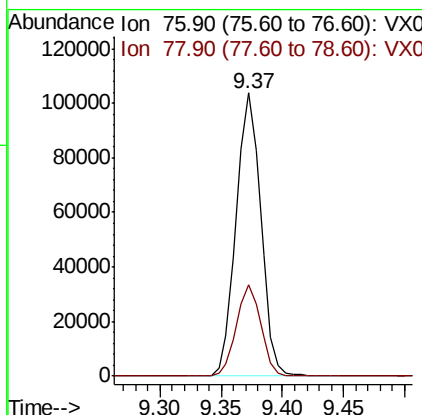
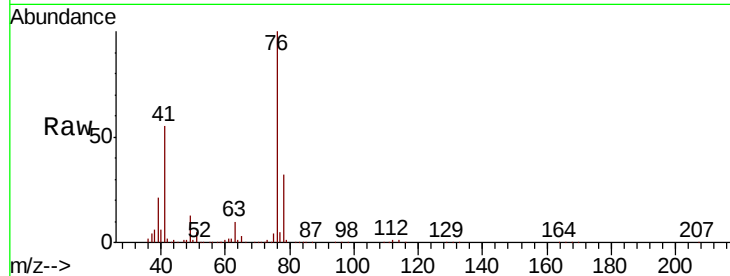




#57
 1,3-Dichloropropane
 Concen: 19.76 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

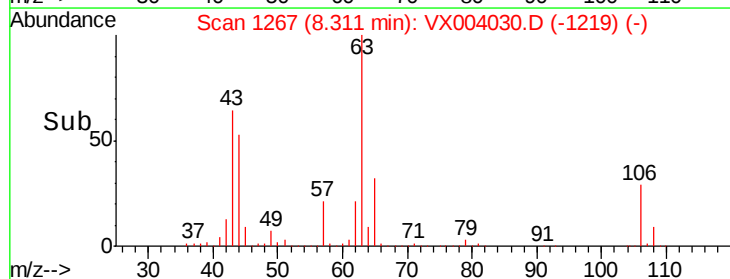
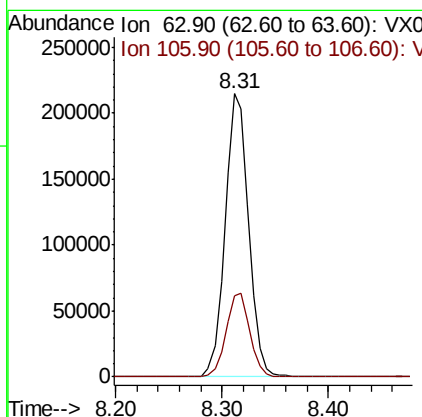
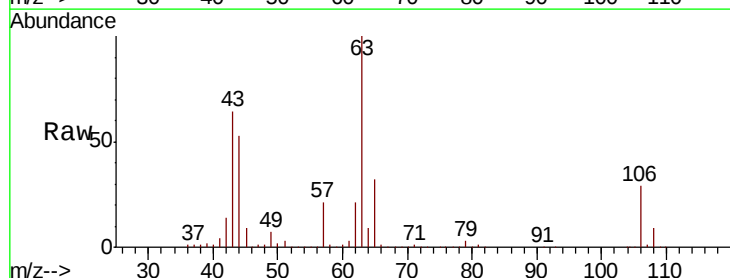
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

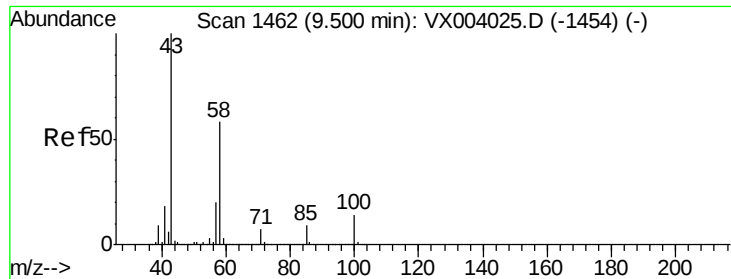
Tot Ion: 76 Resp: 144879
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.23 ug/l
 RT: 8.31 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion: 63 Resp: 331214
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.8 35.8

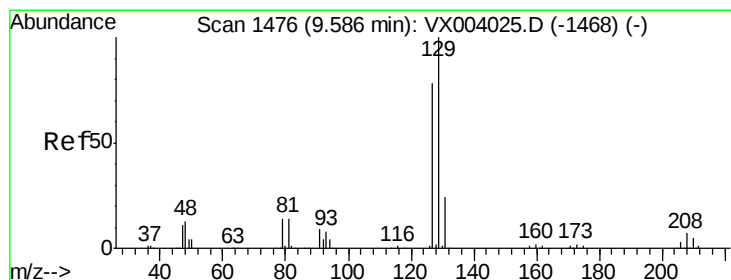
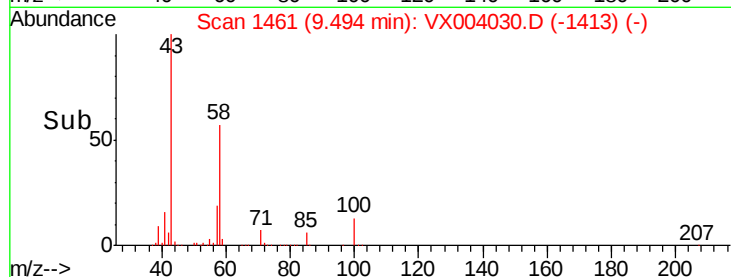
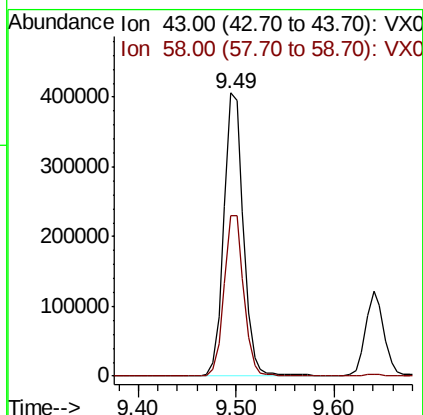
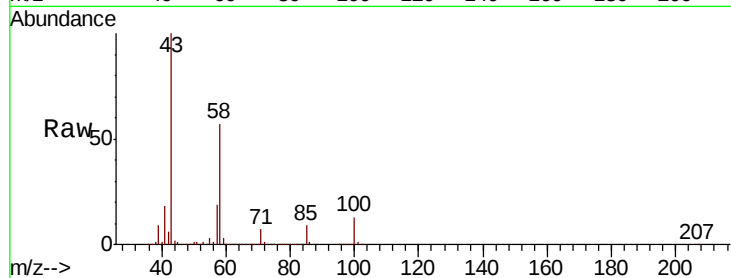




#59
2-Hexanone
Concen: 100.97 ug/l
RT: 9.49 min Scan# 1461
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

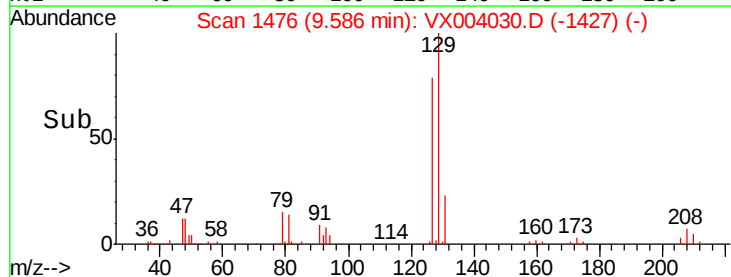
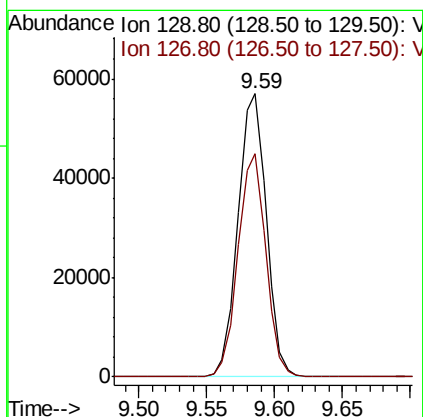
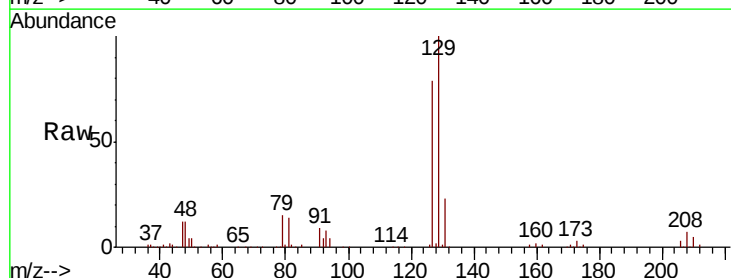
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

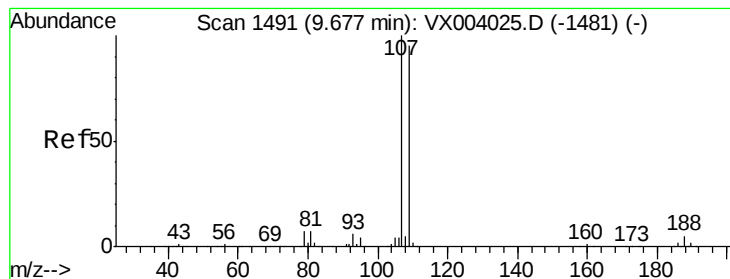
Tot Ion: 43 Resp: 563643
Ion Ratio Lower Upper
43 100
58 57.2 29.0 87.0



#60
Dibromochloromethane
Concen: 19.44 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion: 129 Resp: 82662
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 19.59 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

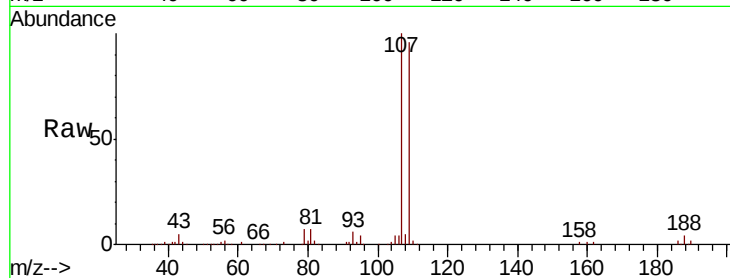
VX0814WBS01

Tot Ion: 107 Resp: 88262

Ion Ratio Lower Upper

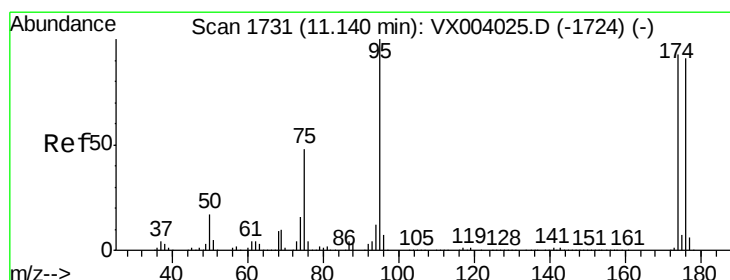
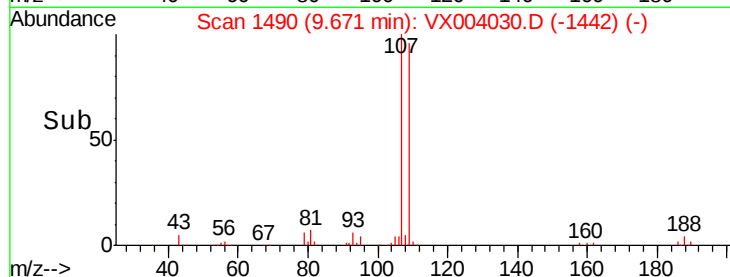
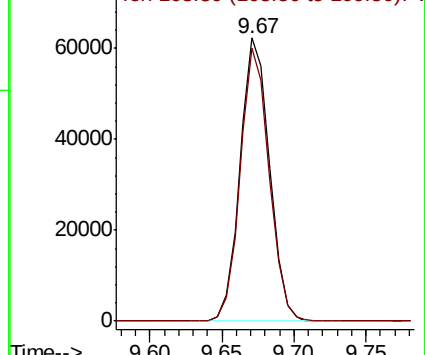
107 100

109 94.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

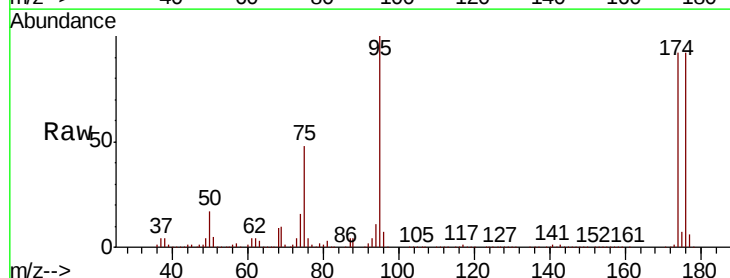
Tgt Ion: 95 Resp: 273977

Ion Ratio Lower Upper

95 100

174 89.2 0.0 182.8

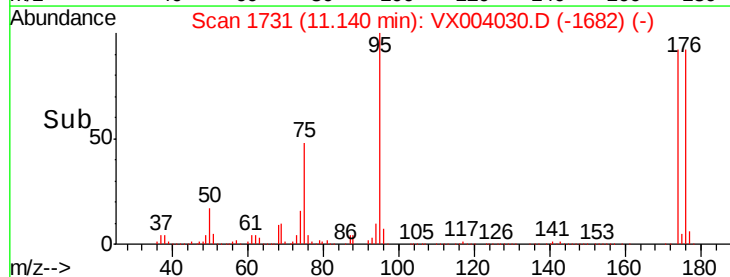
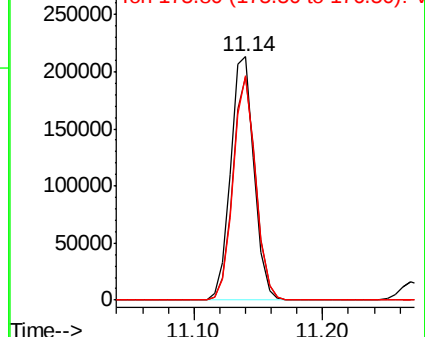
176 87.5 0.0 179.0

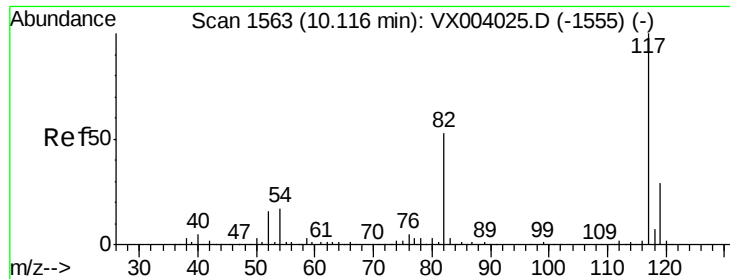


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

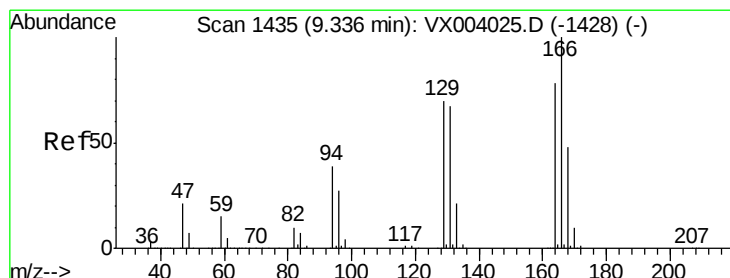
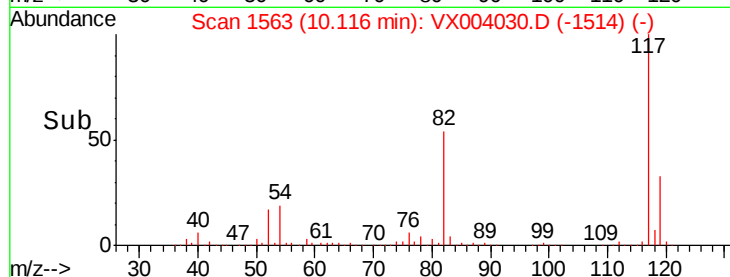
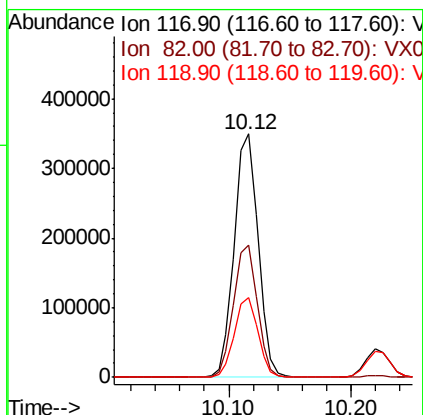
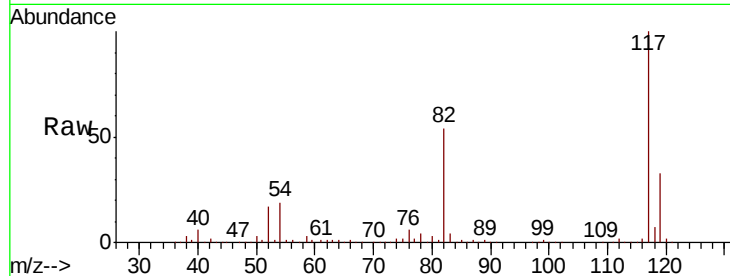




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

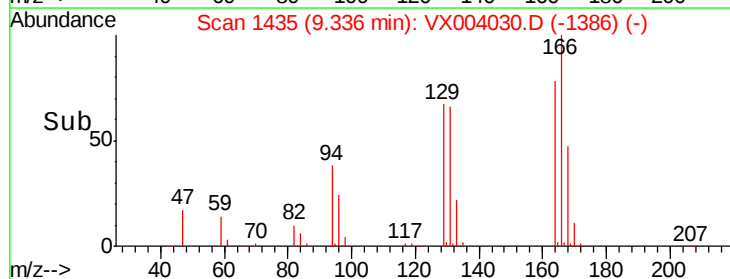
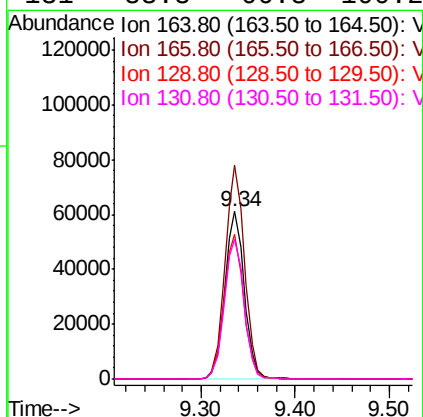
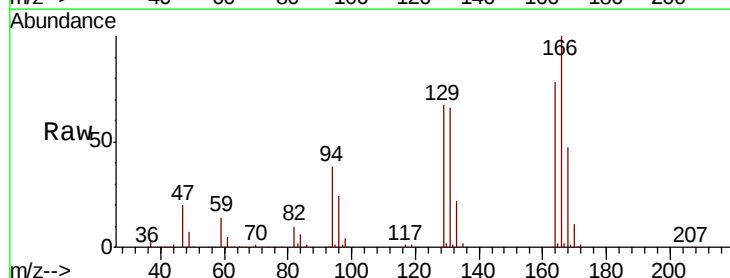
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

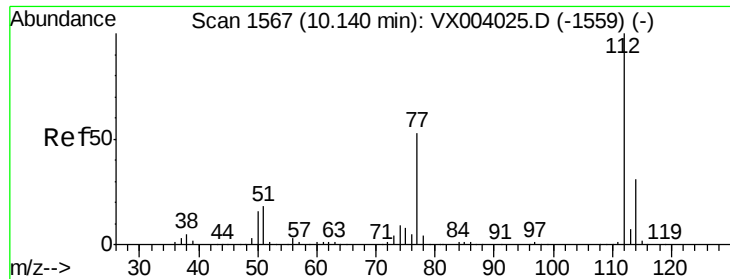
Tot Ion:117 Resp: 470346
Ion Ratio Lower Upper
117 100
82 54.3 45.4 68.0
119 32.8 26.6 40.0



#64
Tetrachloroethene
Concen: 19.52 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion:164 Resp: 87019
Ion Ratio Lower Upper
164 100
166 127.8 98.0 147.0
129 86.3 64.3 96.5
131 83.8 66.8 100.2





#65

Chlorobenzene

Concen: 19.67 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

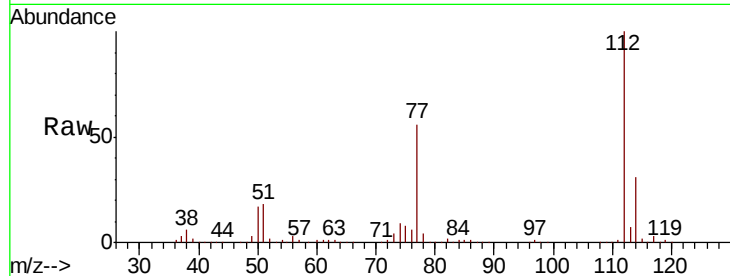
VX0814WBS01

Tot Ion:112 Resp: 238929

Ion Ratio Lower Upper

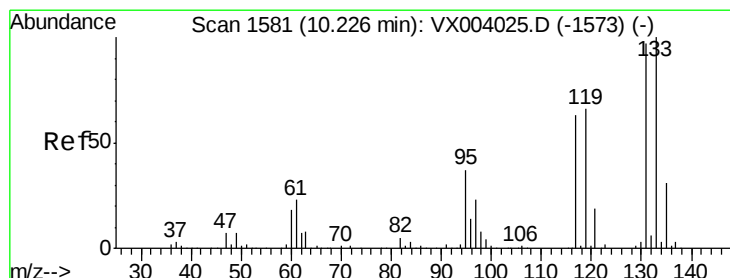
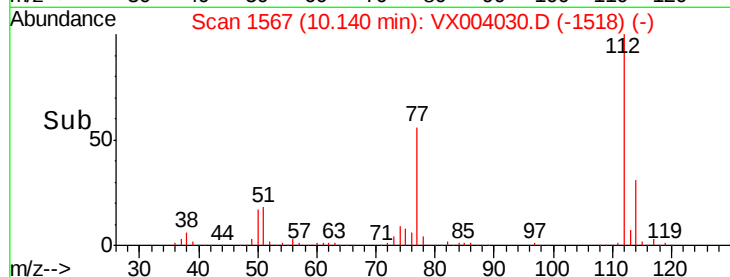
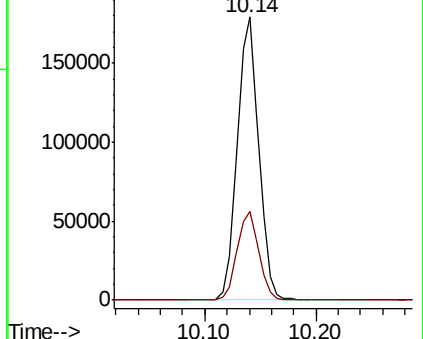
112 100

114 31.4 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.82 ug/l

RT: 10.22 min Scan# 1580

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

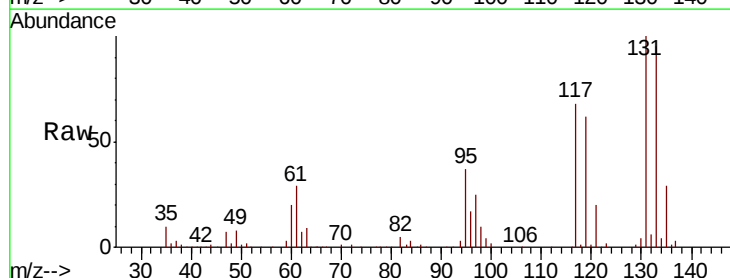
Tgt Ion:131 Resp: 82119

Ion Ratio Lower Upper

131 100

133 94.2 47.3 141.8

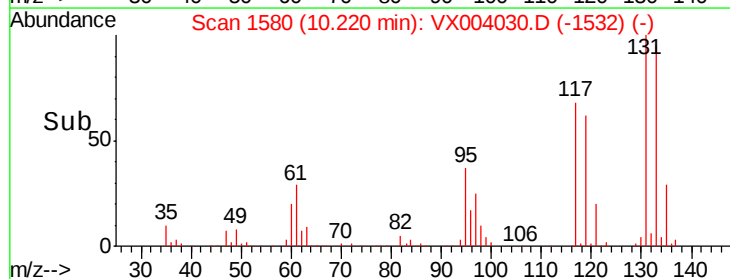
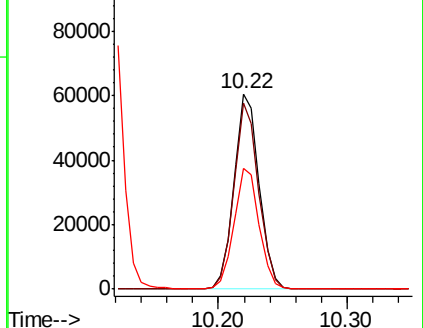
119 62.5 31.6 94.8

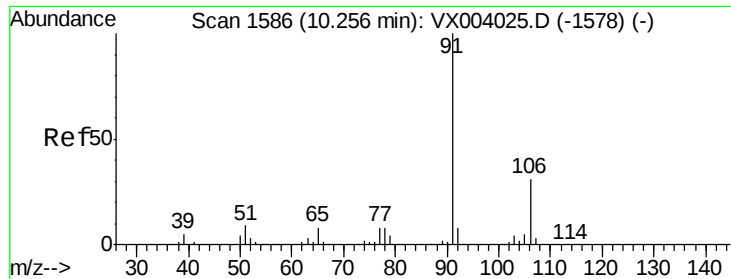


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

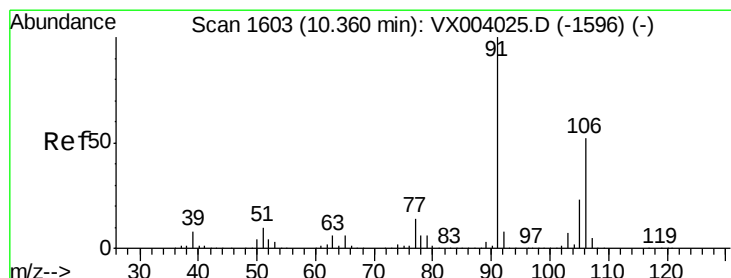
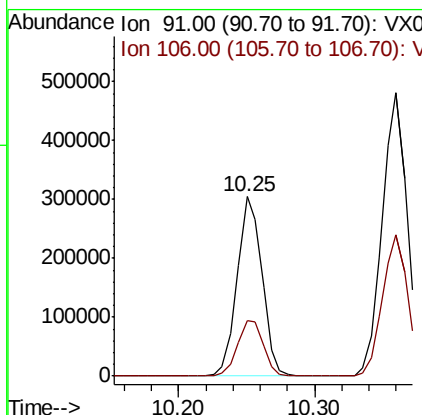
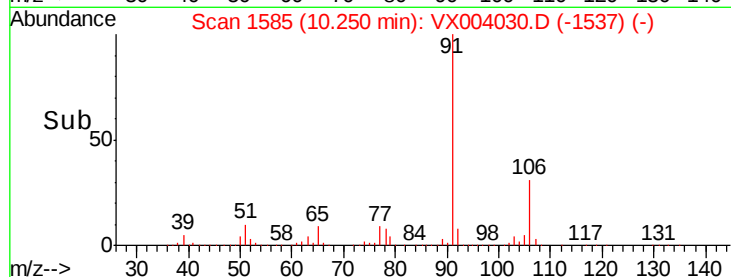
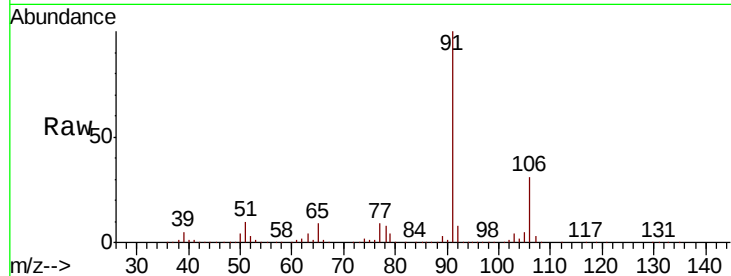




#67
Ethyl Benzene
Concen: 20.19 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

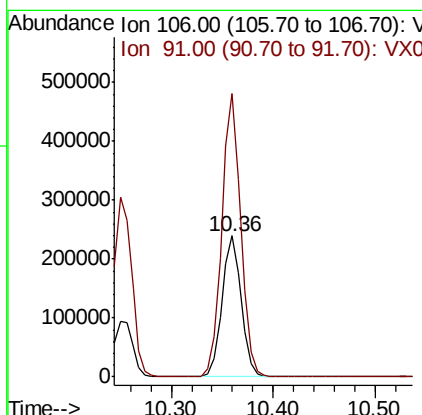
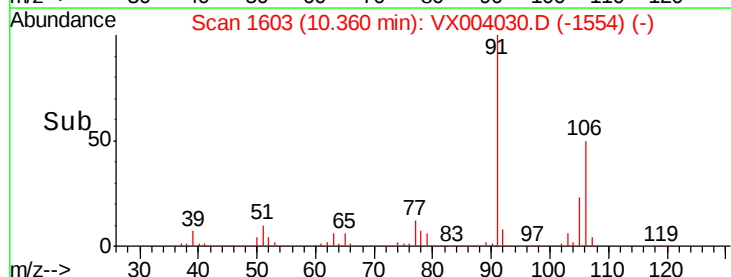
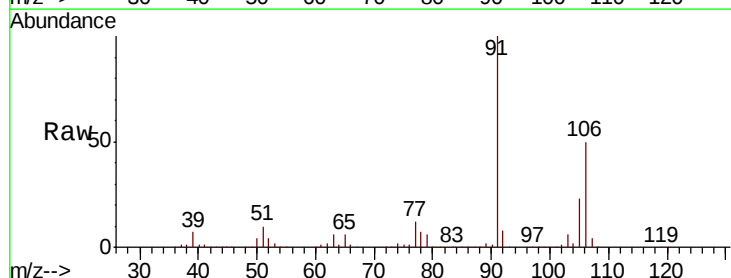
Instrument :
MSVOA_X
ClientSampled :
VX0814WBS01

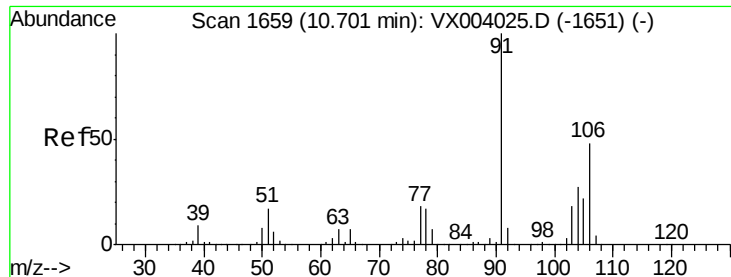
Tot Ion: 91 Resp: 388406
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9



#68
m/p-Xylenes
Concen: 41.61 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion: 106 Resp: 313492
Ion Ratio Lower Upper
106 100
91 198.0 162.3 243.5

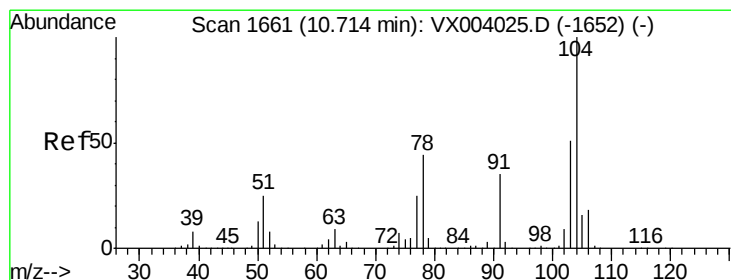
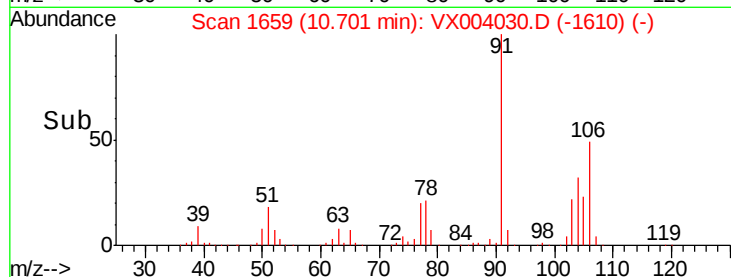
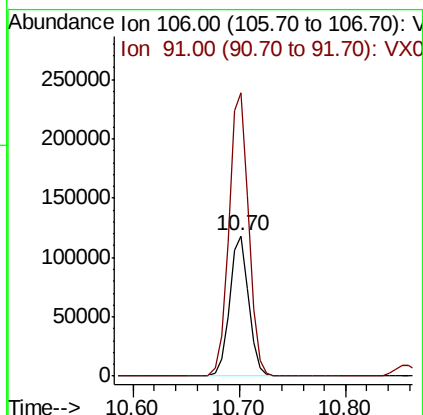
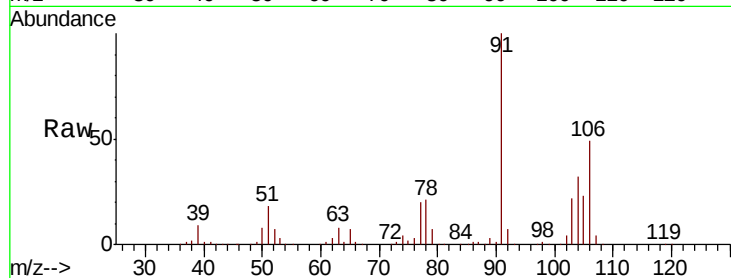




#69
o-Xylene
Concen: 20.52 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

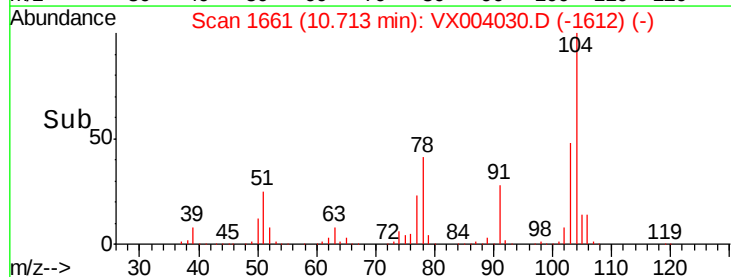
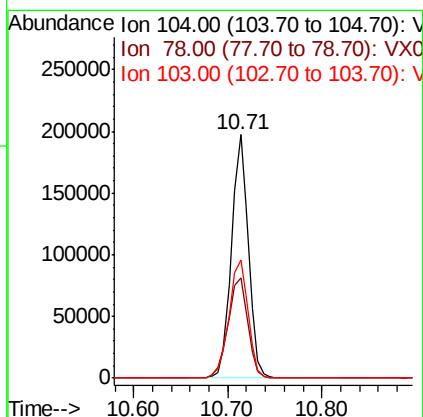
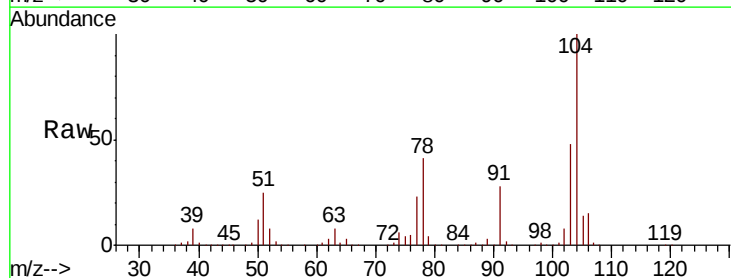
Instrument :
MSVOA_X
ClientSampled :
VX0814WBS01

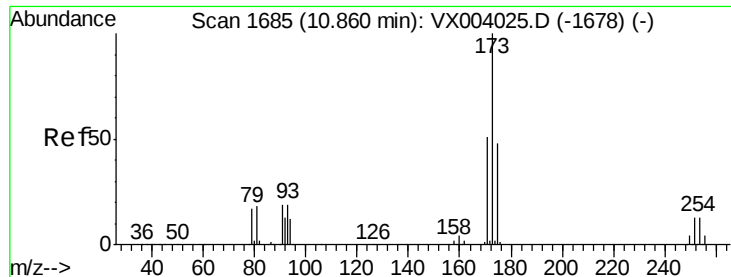
Tot Ion:106 Resp: 147766
Ion Ratio Lower Upper
106 100
91 208.7 101.9 305.7



#70
Styrene
Concen: 20.34 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion:104 Resp: 246410
Ion Ratio Lower Upper
104 100
78 48.1 39.8 59.6
103 55.0 44.3 66.5





#71

Bromoform

Concen: 18.34 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

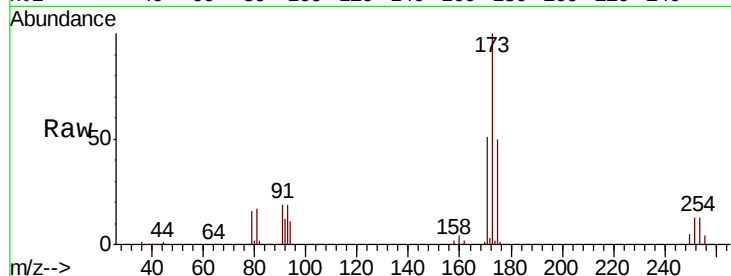
Tot Ion:173 Resp: 60264

Ion Ratio Lower Upper

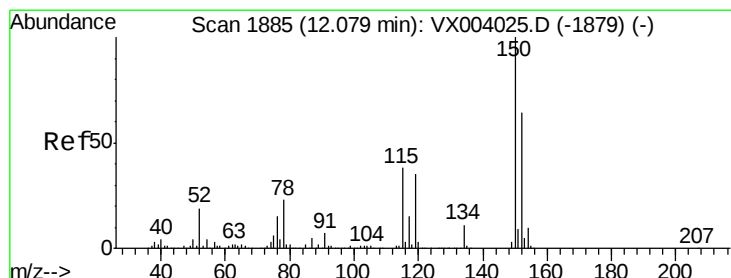
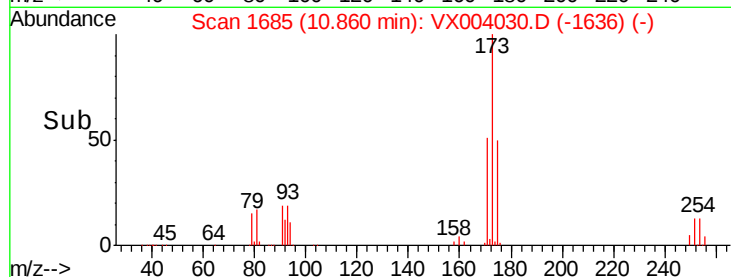
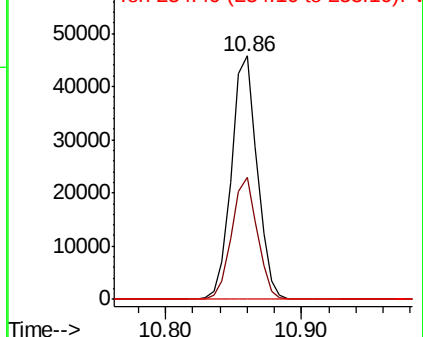
173 100

175 49.7 24.9 74.7

254 0.1 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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

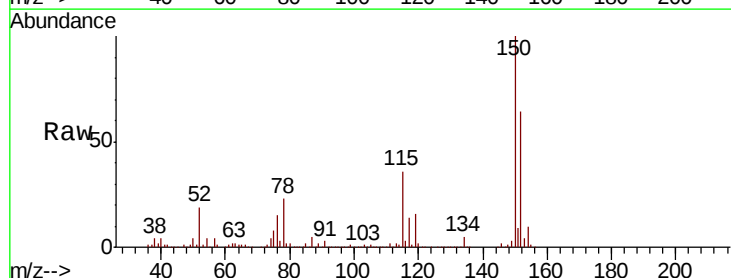
Tgt Ion:152 Resp: 287433

Ion Ratio Lower Upper

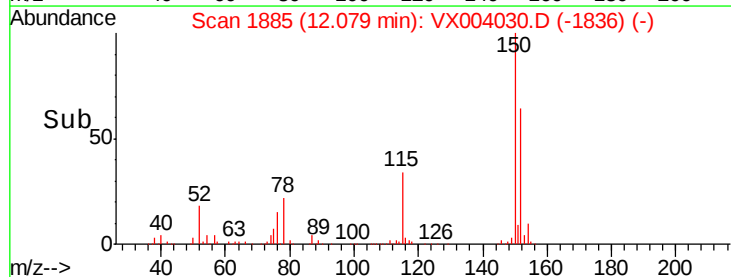
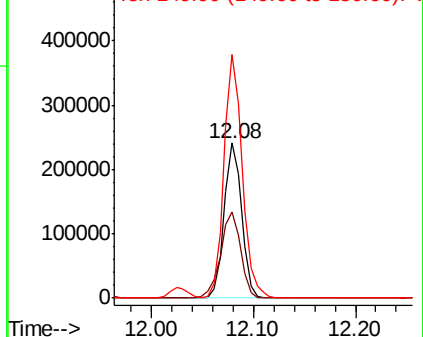
152 100

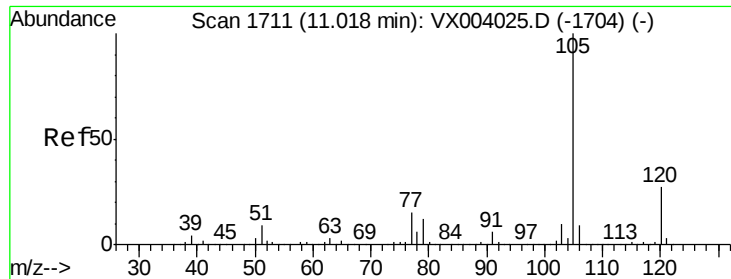
115 64.5 39.1 117.3

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: 20.71 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

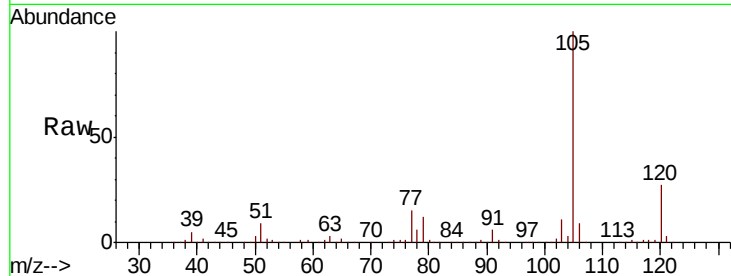
VX0814WBS01

Tot Ion:105 Resp: 402894

Ion Ratio Lower Upper

105 100

120 27.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

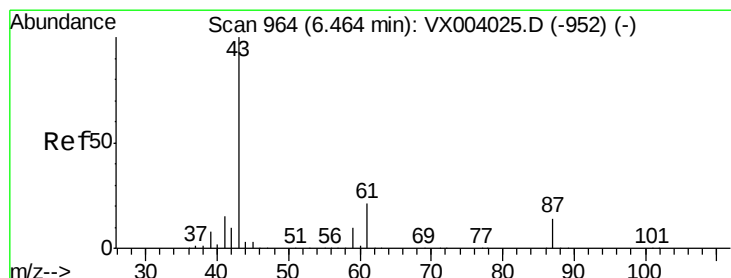
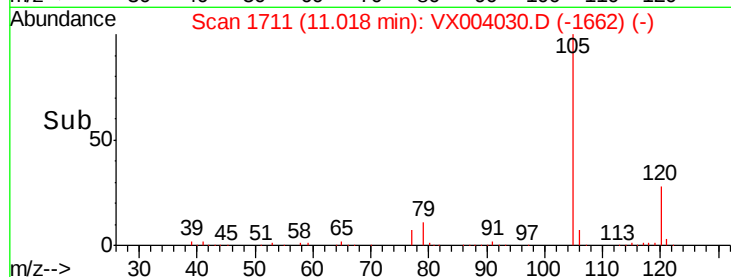
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 19.33 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Tgt Ion: 43 Resp: 176818

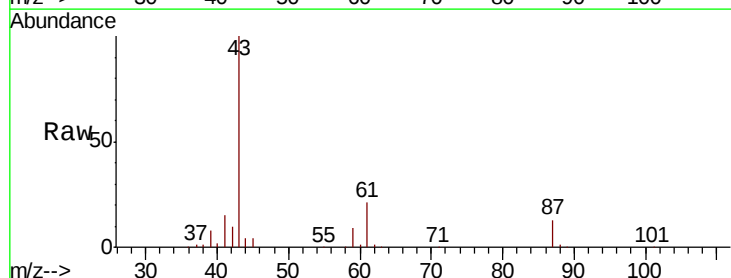
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 21.1 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

6.46

100000

80000

60000

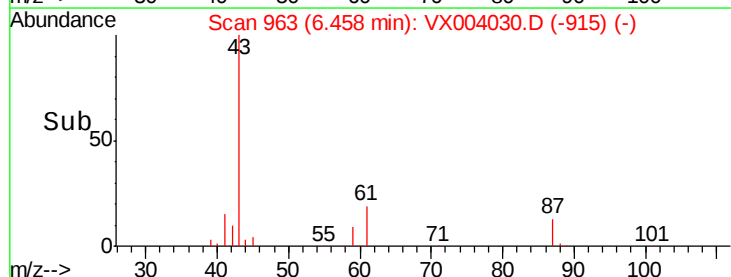
40000

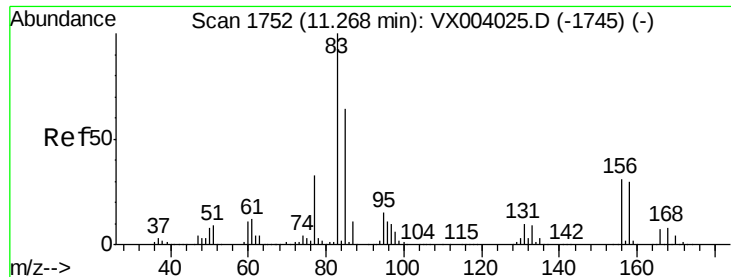
20000

0

Time-->

6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 19.15 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampled :

VX0814WBS01

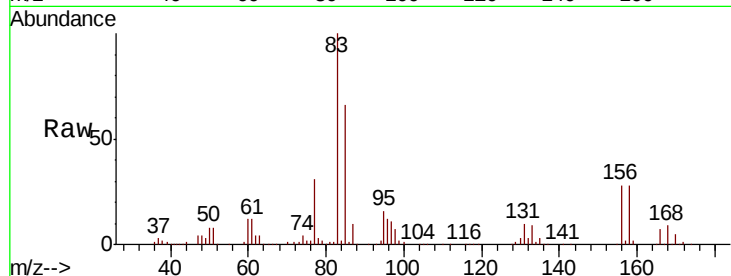
Tot Ion: 83 Resp: 130092

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

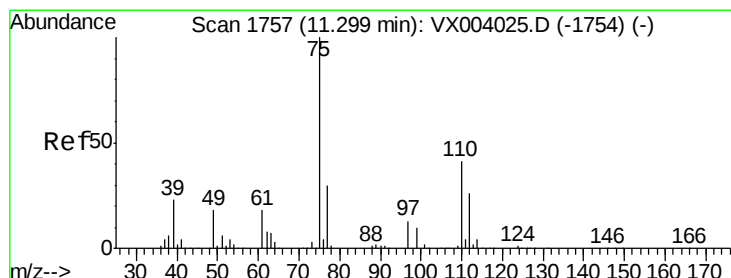
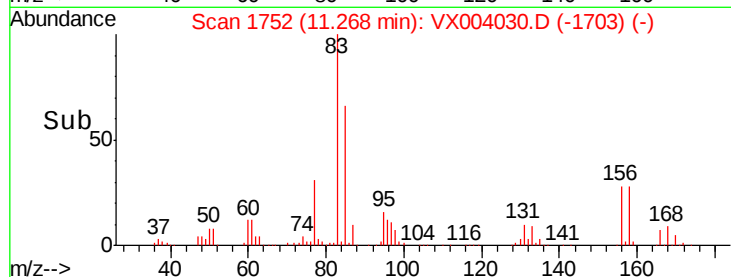
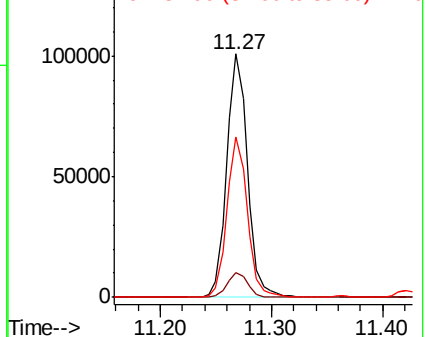
85 64.8 32.2 96.6



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: 25.37 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004030.D

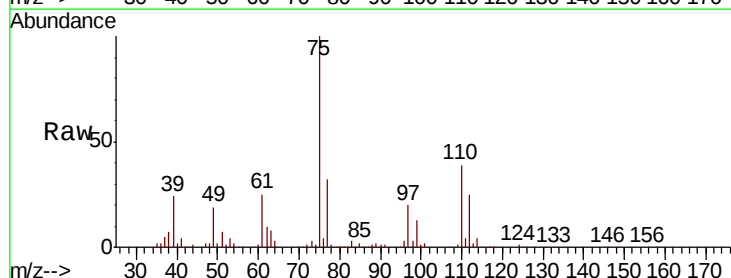
Acq: 14 Aug 2018 15:04

Tgt Ion: 75 Resp: 146246

Ion Ratio Lower Upper

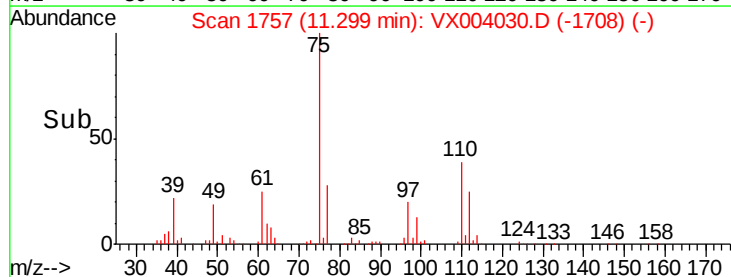
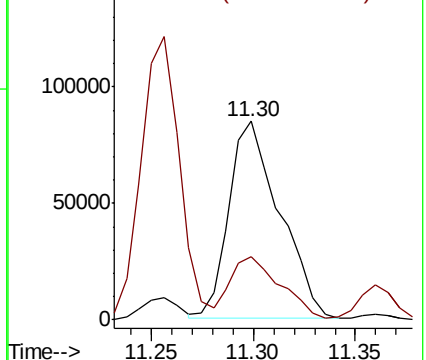
75 100

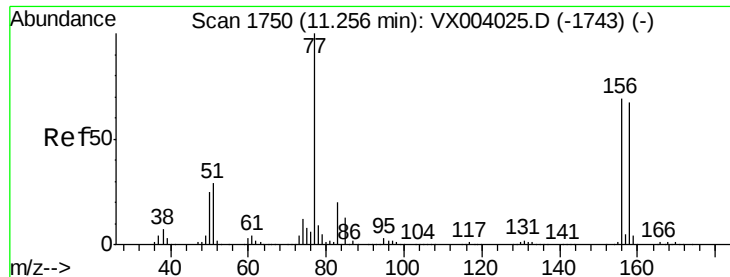
77 31.8 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.04 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

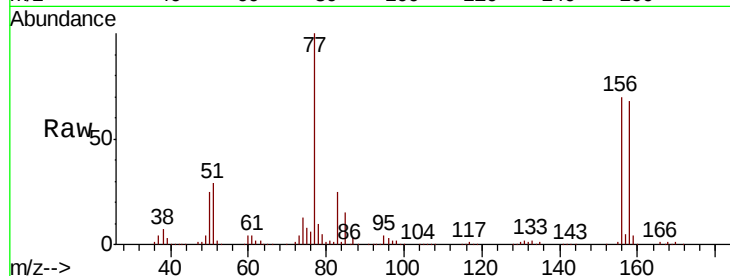
Tot Ion:156 Resp: 107433

Ion Ratio Lower Upper

156 100

77 148.4 74.1 222.2

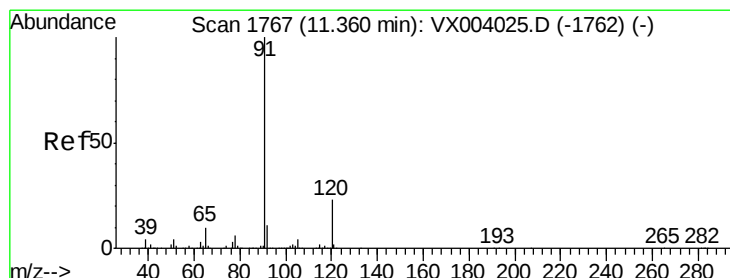
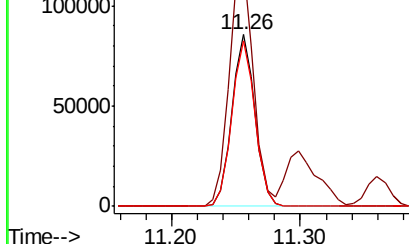
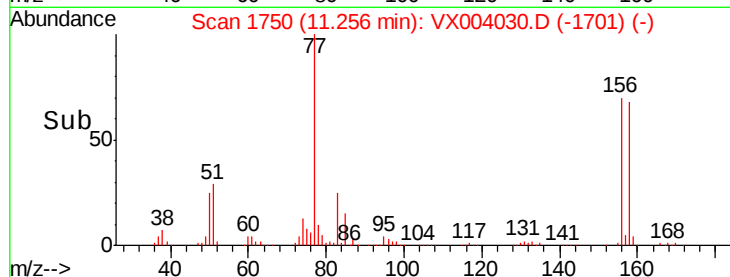
158 97.4 48.6 145.9



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: 21.26 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004030.D

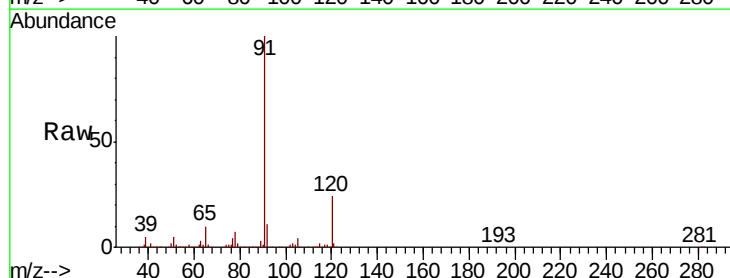
Acq: 14 Aug 2018 15:04

Tgt Ion: 91 Resp: 462817

Ion Ratio Lower Upper

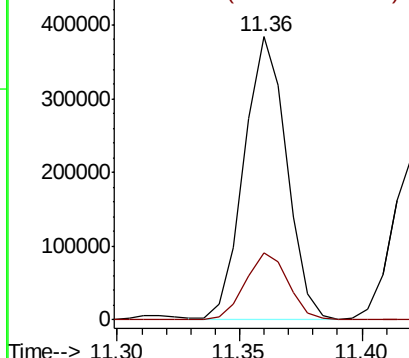
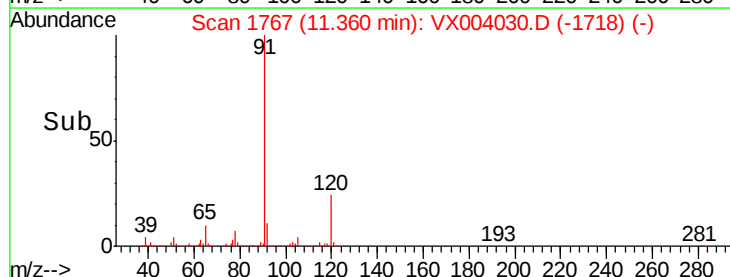
91 100

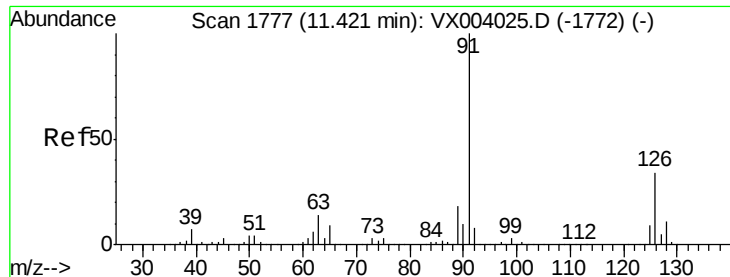
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.78 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampled :

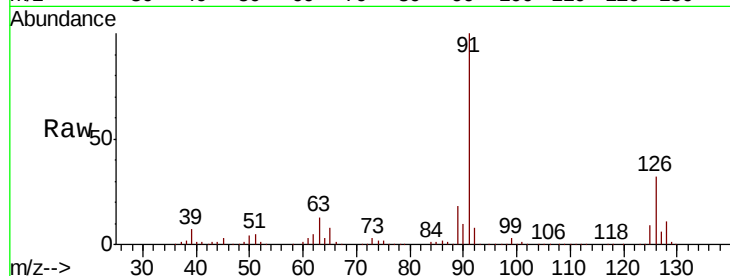
VX0814WBS01

Tot Ion: 91 Resp: 275662

Ion Ratio Lower Upper

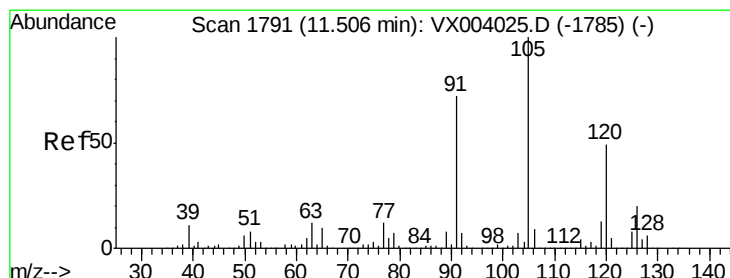
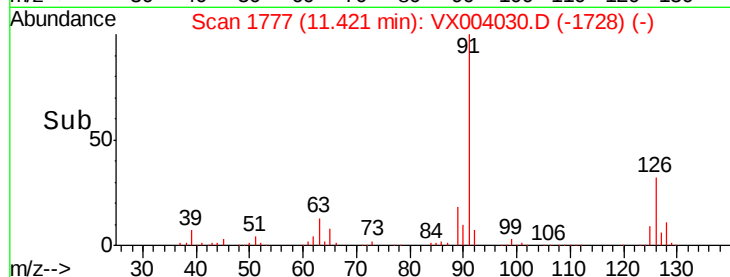
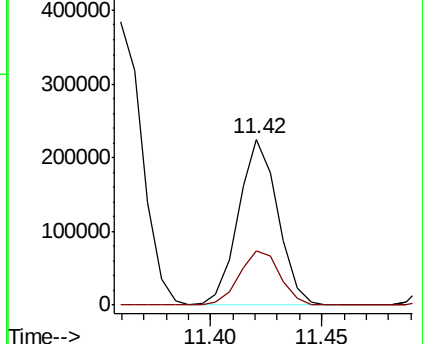
91 100

126 34.3 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.74 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX004030.D

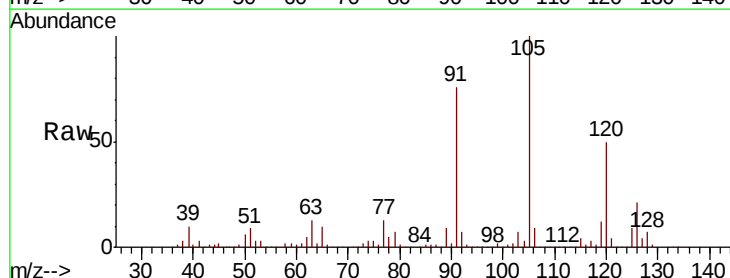
Acq: 14 Aug 2018 15:04

Tgt Ion:105 Resp: 330402

Ion Ratio Lower Upper

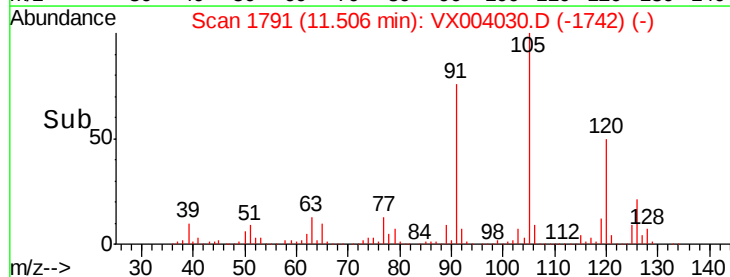
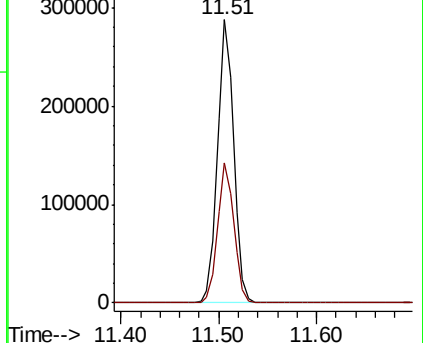
105 100

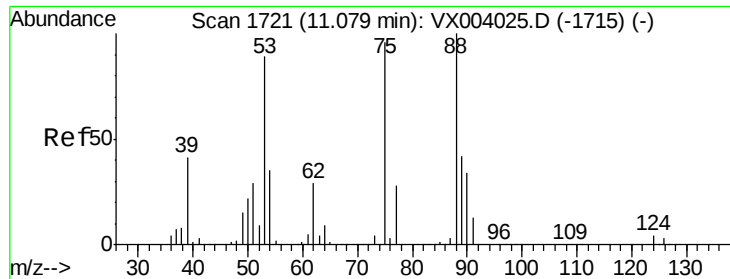
120 50.0 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.22 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampled :

VX0814WBS01

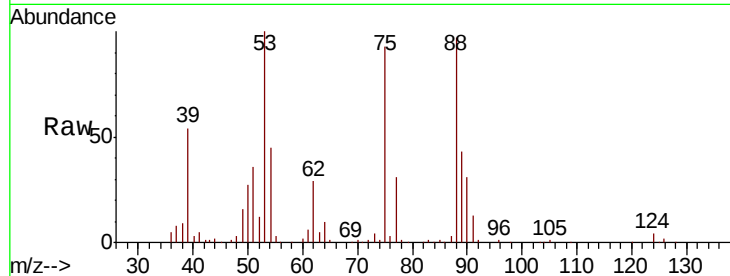
Tot Ion: 75 Resp: 35798

Ion Ratio Lower Upper

75 100

53 107.2 80.3 120.5

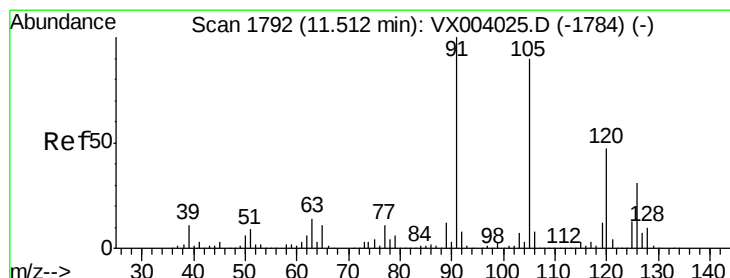
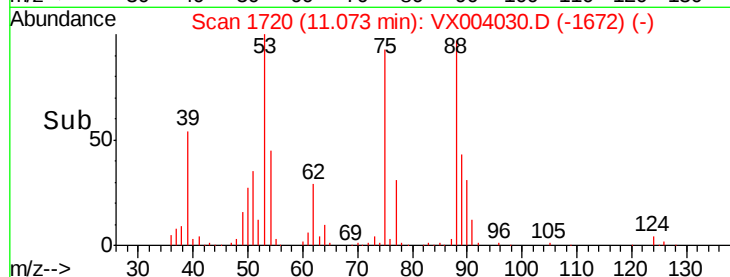
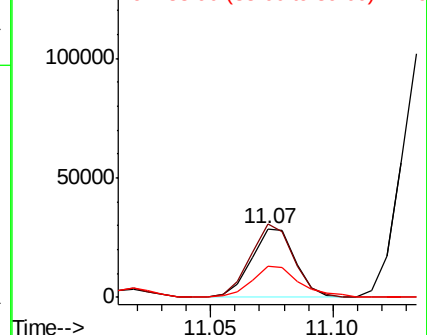
89 50.2 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.45 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004030.D

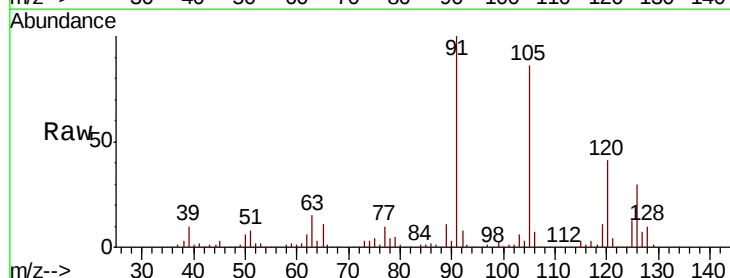
Acq: 14 Aug 2018 15:04

Tgt Ion: 91 Resp: 320652

Ion Ratio Lower Upper

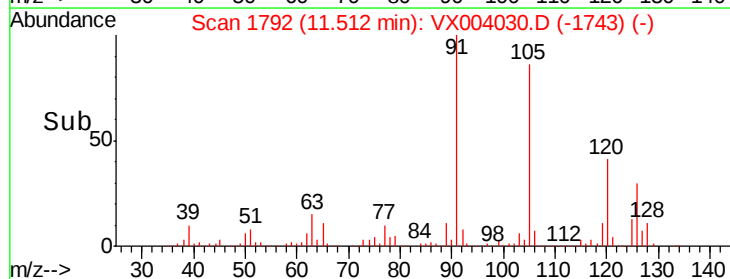
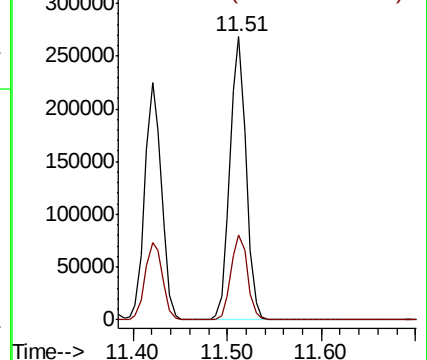
91 100

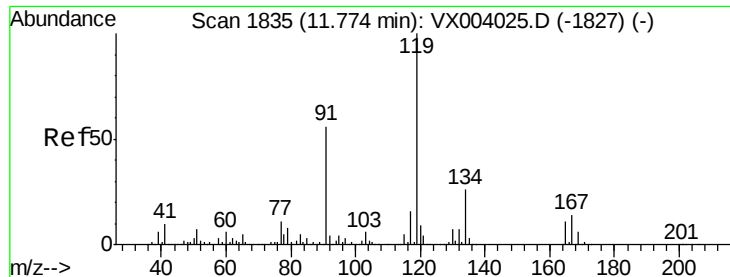
126 30.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

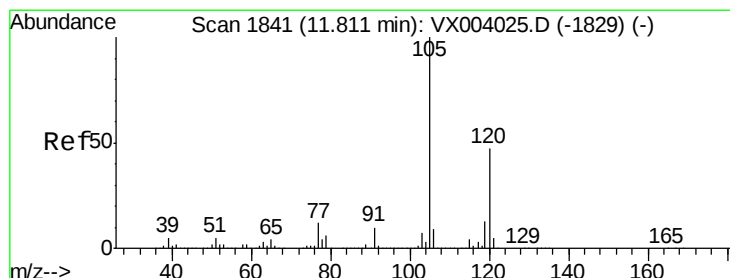
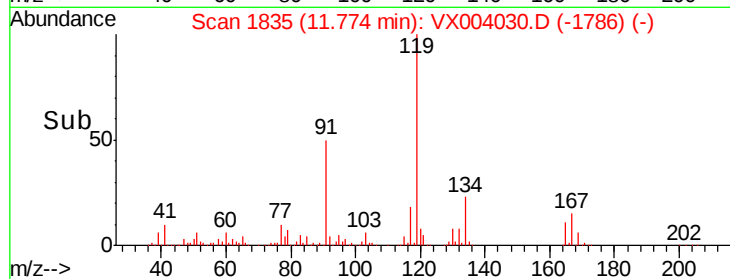
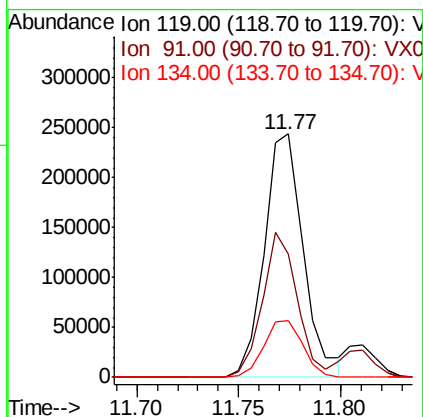
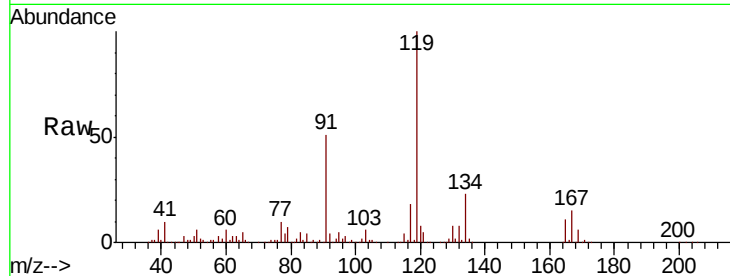




#83
 tert-Butylbenzene
 Concen: 20.27 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

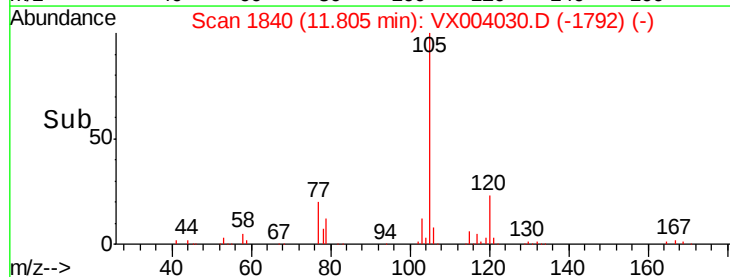
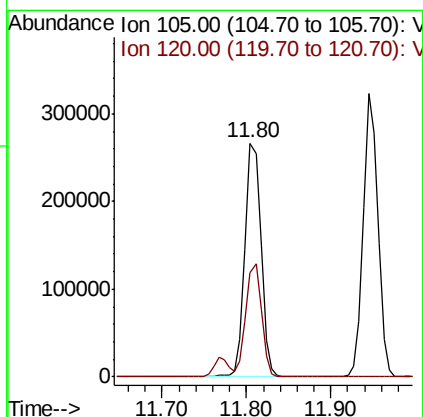
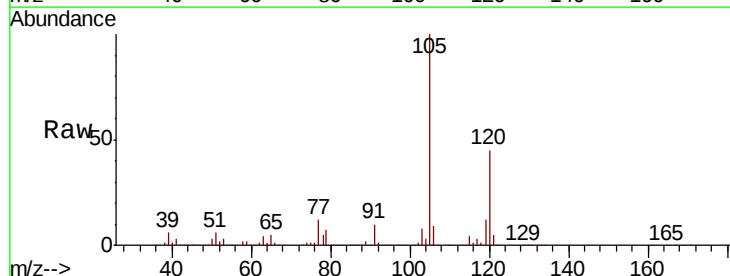
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

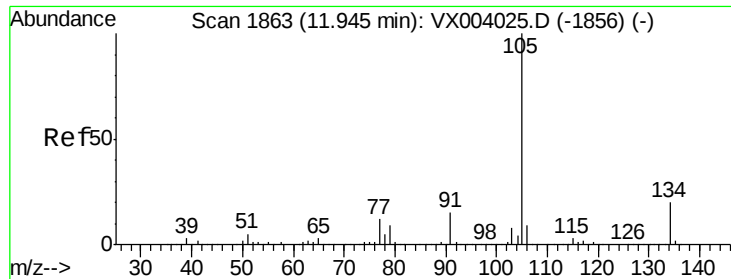
Tot Ion:119 Resp: 325525
 Ion Ratio Lower Upper
 119 100
 91 53.2 26.9 80.7
 134 23.6 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.56 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion:105 Resp: 339228
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.2

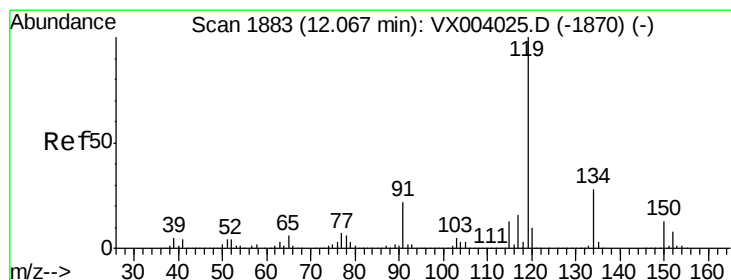
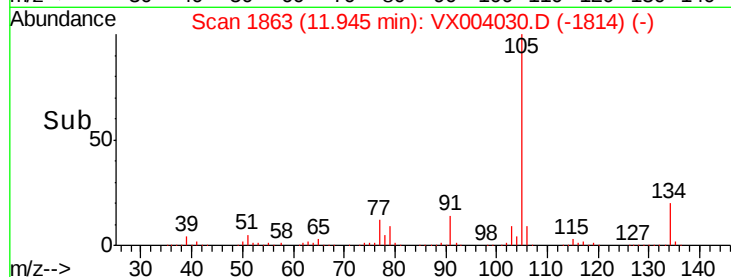
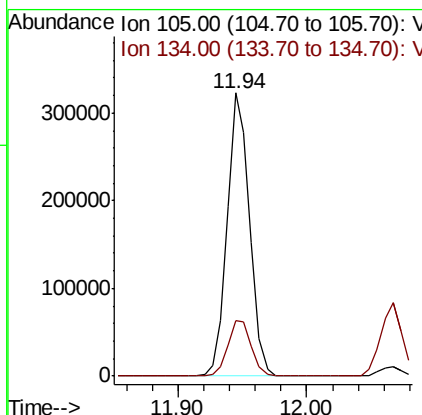
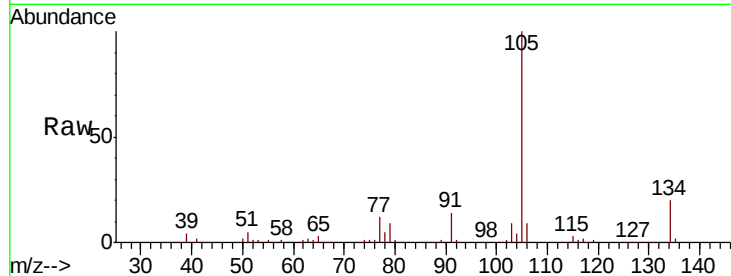




#85
 sec-Butylbenzene
 Concen: 20.96 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

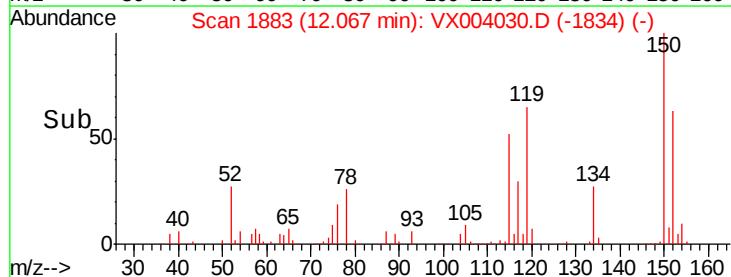
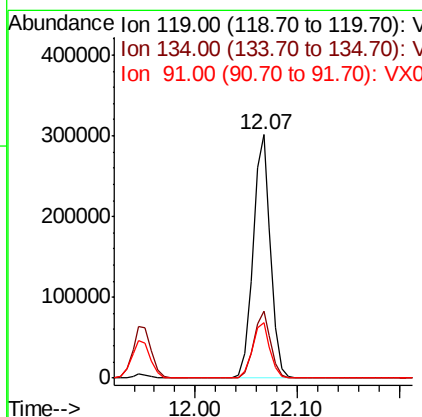
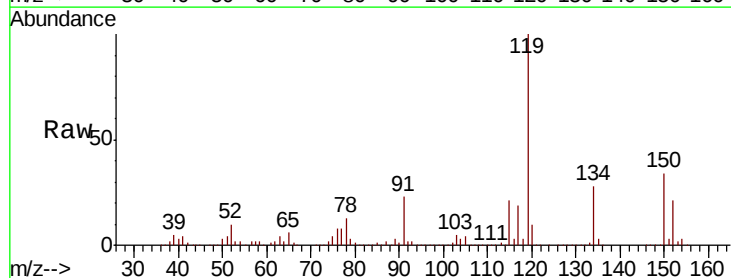
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

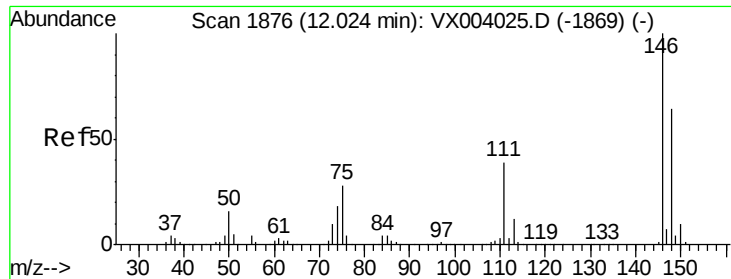
Tot Ion:105 Resp: 393910
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 21.12 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion:119 Resp: 359294
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 22.8 10.9 32.7

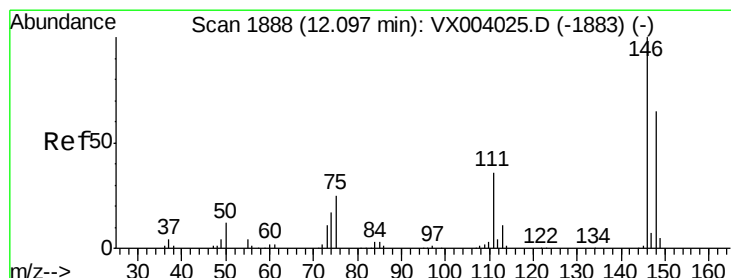
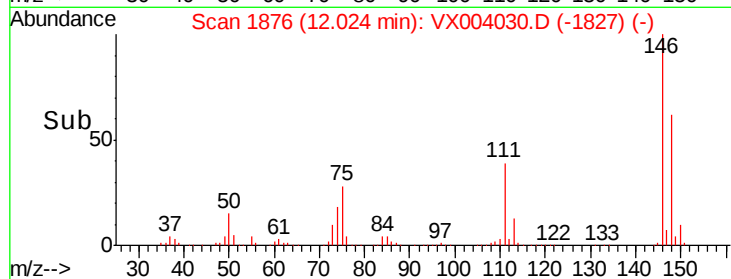
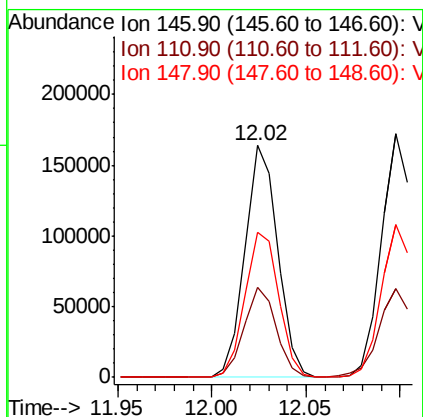
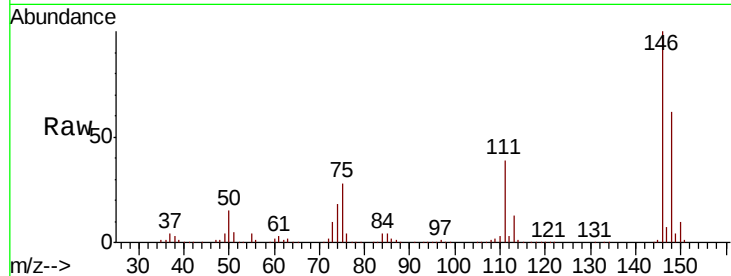




#87
 1,3-Dichlorobenzene
 Concen: 19.41 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

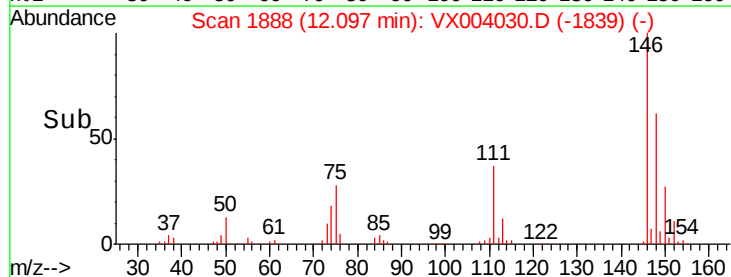
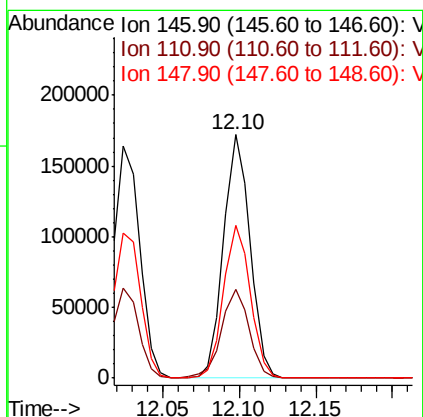
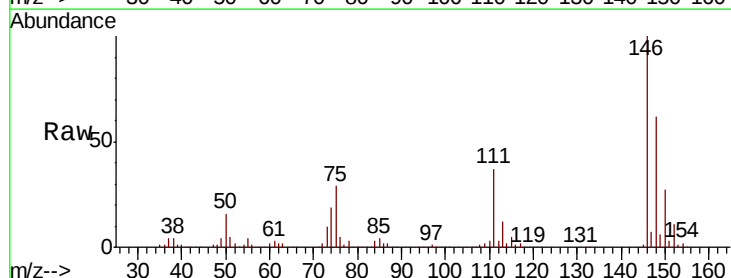
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

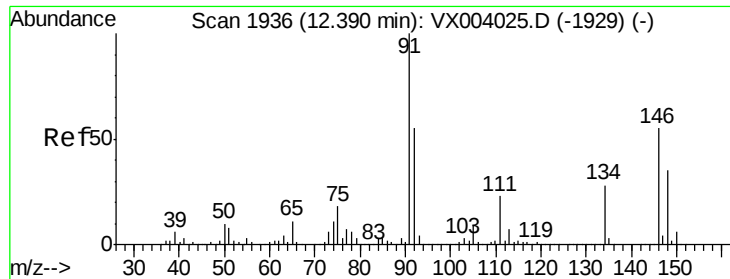
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.4
148	64.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.4	55.0
148	63.7	32.3	96.8

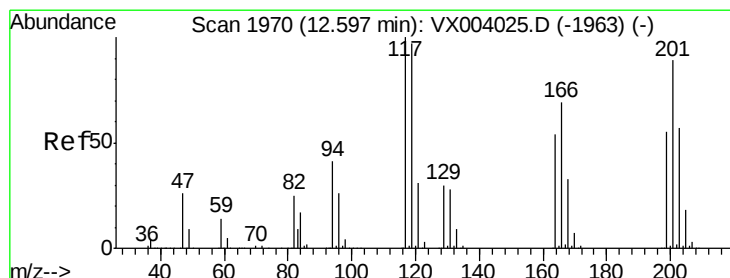
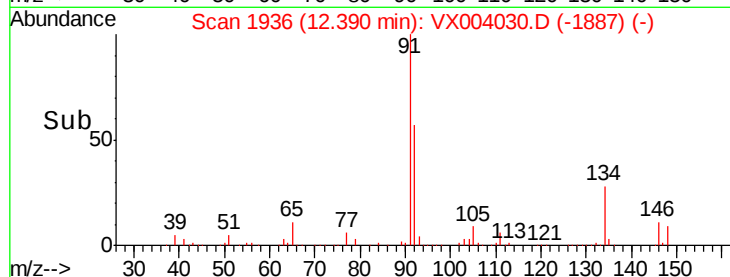
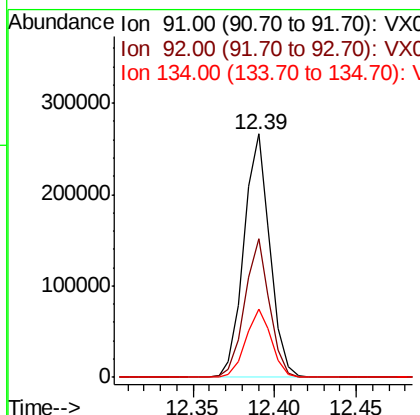
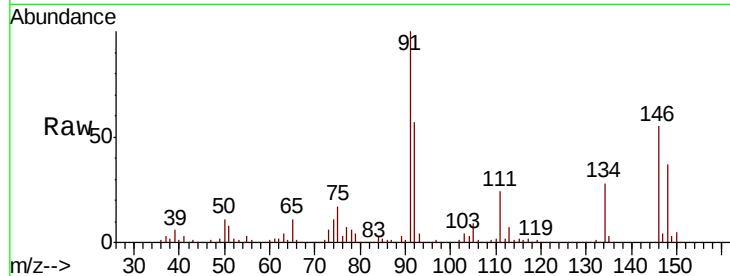




#89
n-Butylbenzene
Concen: 22.05 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

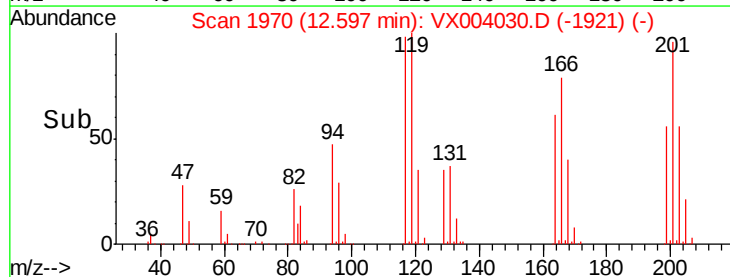
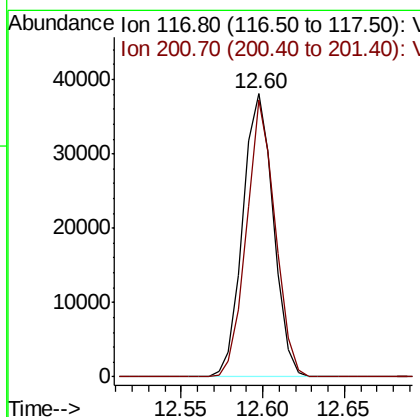
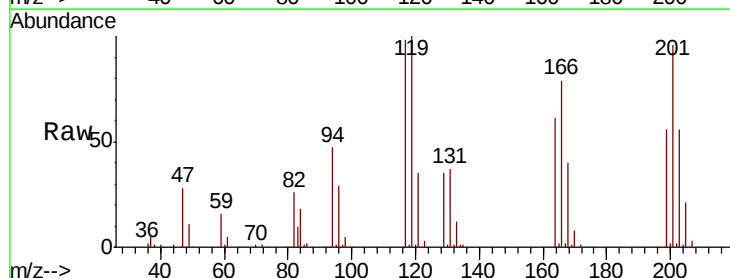
Instrument :
MSVOA_X
ClientSampleId :
VX0814WBS01

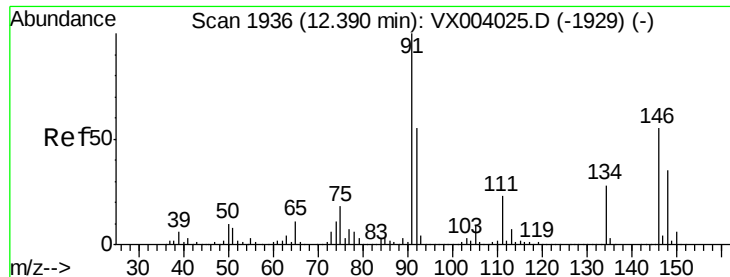
Tot Ion: 91 Resp: 295579
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.3
134 27.7 13.6 40.7



#90
Hexachloroethane
Concen: 19.60 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004030.D
Acq: 14 Aug 2018 15:04

Tgt Ion: 117 Resp: 49893
Ion Ratio Lower Upper
117 100
201 91.6 46.1 138.2





#91

1,2-Dichlorobenzene

Concen: 21.18 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.01 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

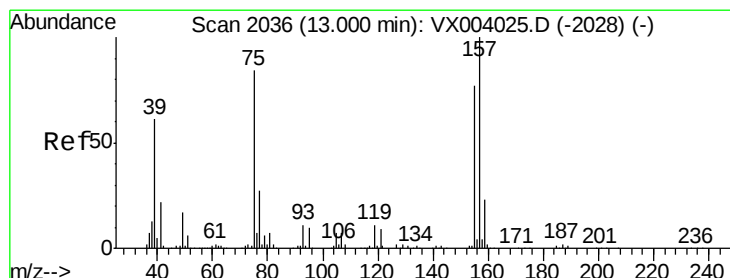
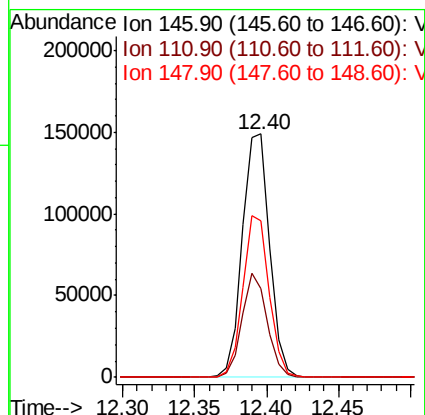
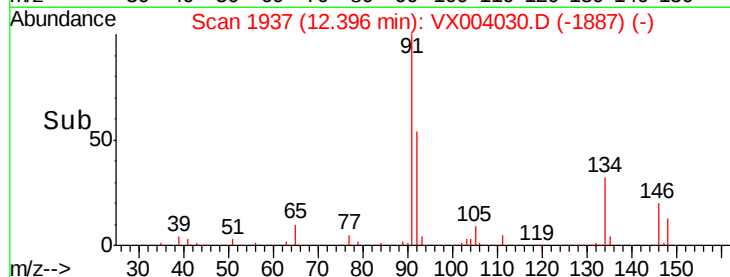
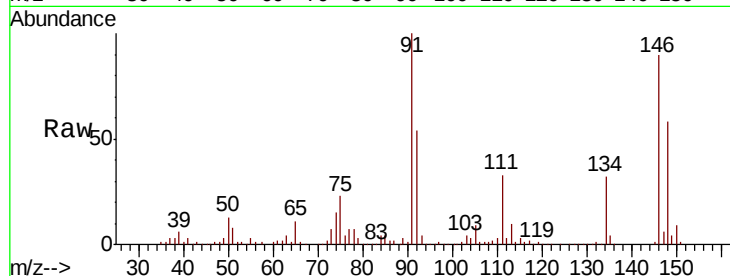
Tot Ion:146 Resp: 195302

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

148 64.0 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.02 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

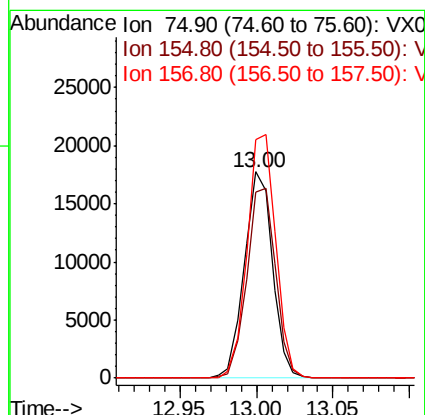
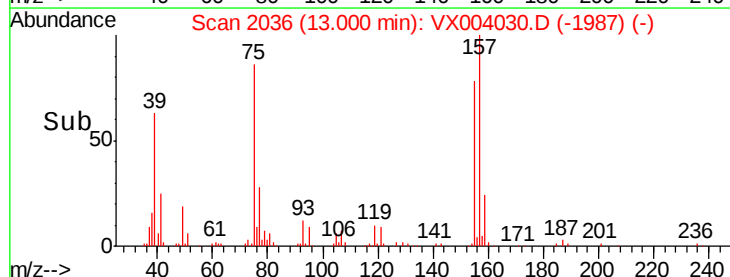
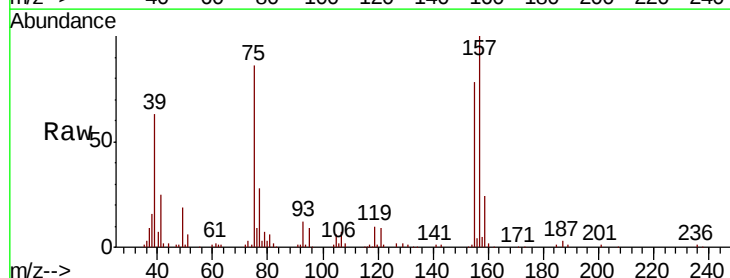
Tgt Ion: 75 Resp: 22711

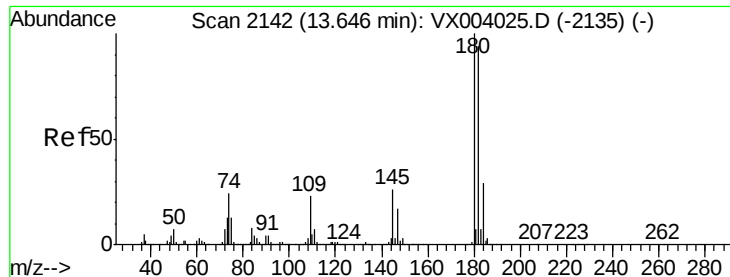
Ion Ratio Lower Upper

75 100

155 94.0 48.7 146.1

157 119.8 62.6 187.8

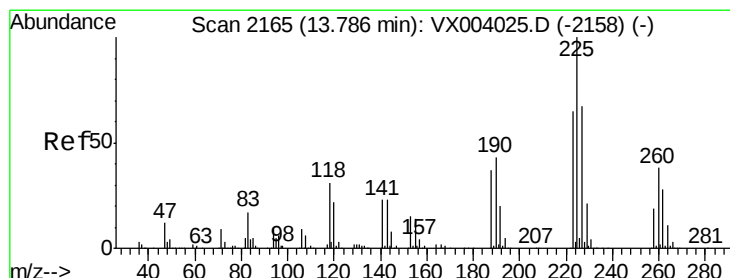
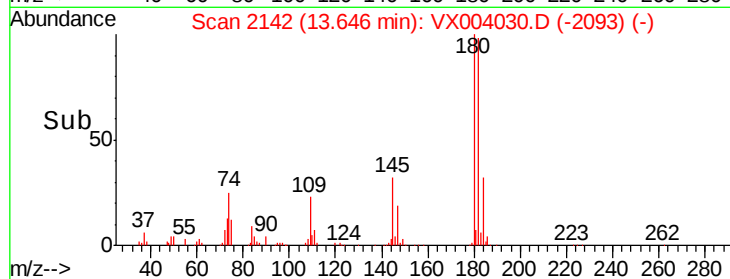
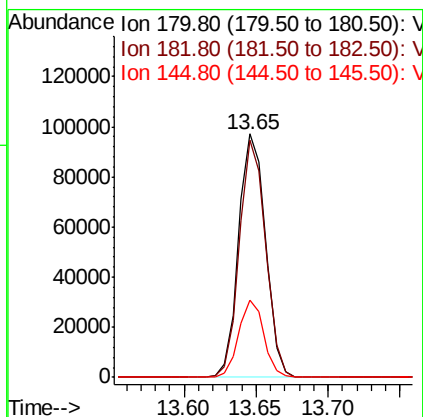
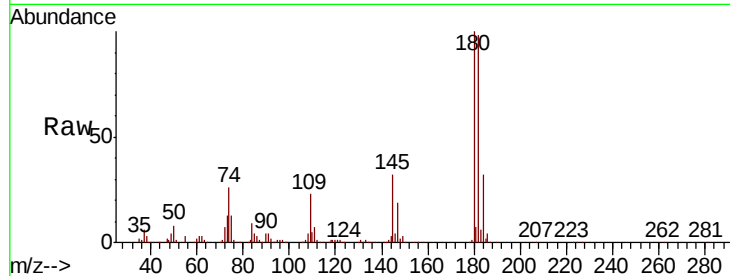




#93
 1,2,4-Trichlorobenzene
 Concen: 19.95 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

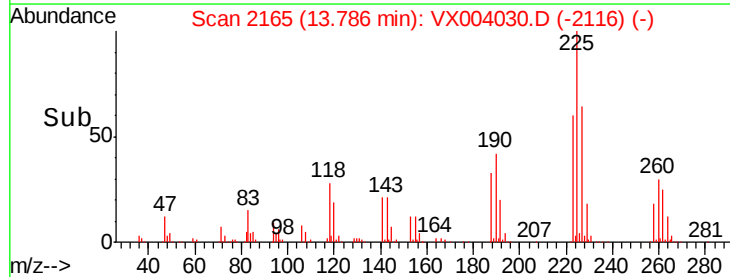
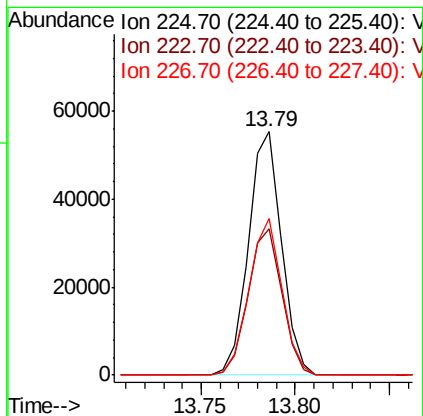
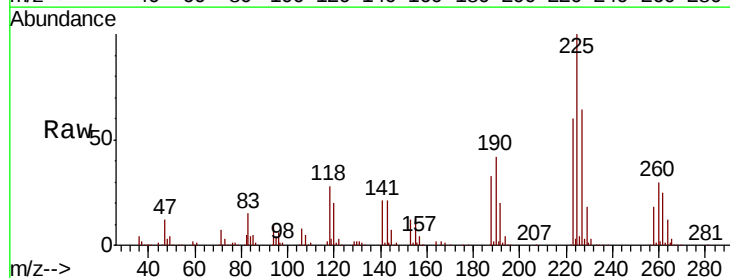
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0814WBS01

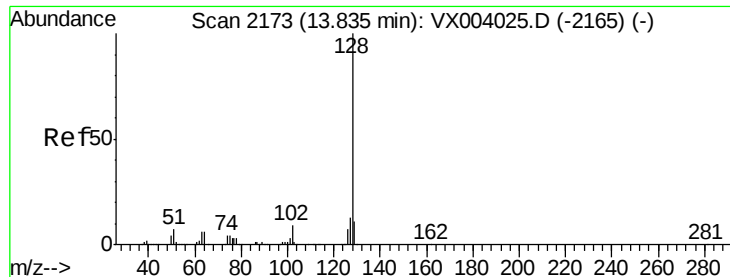
Tot Ion:180 Resp: 125779
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.7 143.1
 145 29.8 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 21.25 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004030.D
 Acq: 14 Aug 2018 15:04

Tgt Ion:225 Resp: 67142
 Ion Ratio Lower Upper
 225 100
 223 61.3 31.4 94.0
 227 64.1 32.1 96.5





#95

Naphthalene

Concen: 19.84 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

Instrument :

MSVOA_X

ClientSampleId :

VX0814WBS01

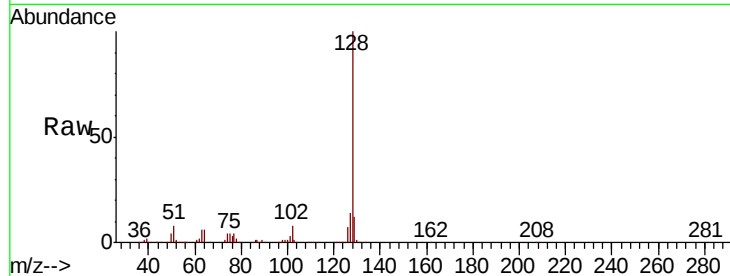
Tot Ion:128 Resp: 384504

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.8 13.2

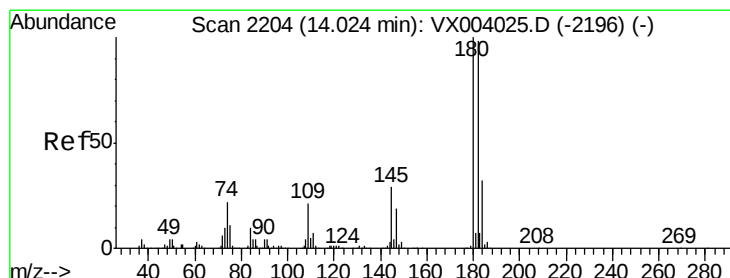
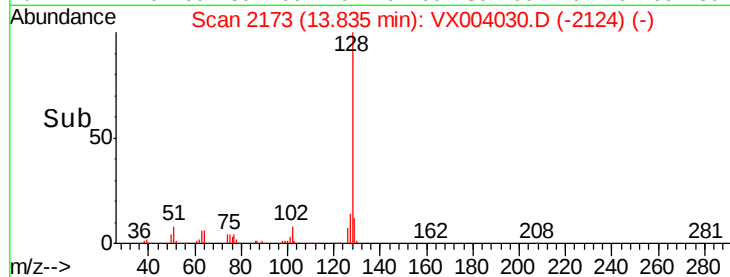
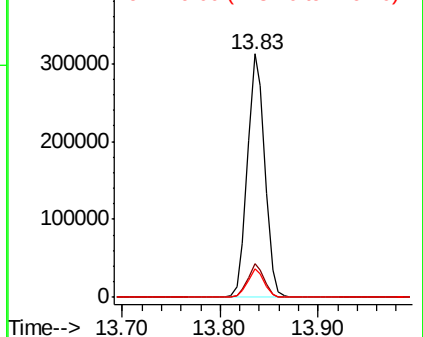


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.28 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. -0.00 min

Lab File: VX004030.D

Acq: 14 Aug 2018 15:04

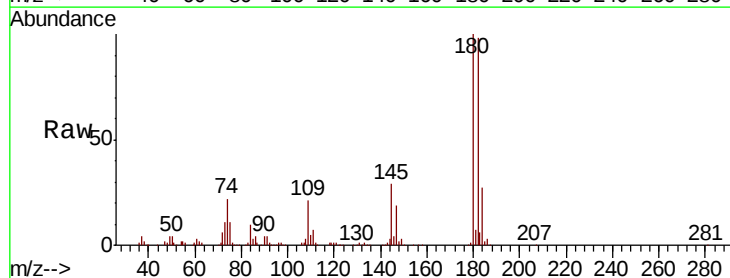
Tgt Ion:180 Resp: 139390

Ion Ratio Lower Upper

180 100

182 96.5 48.1 144.4

145 29.6 14.9 44.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

