

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003865.D
 Acq On : 06 Aug 2018 16:53
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 07 06:58:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	361640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	530731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	241187	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	25646	5.50	ug/l	0.00
Spiked Amount			Recovery	=	11.00%	
35) Dibromofluoromethane	5.49	113	20379	4.95	ug/l	0.00
Spiked Amount			Recovery	=	9.90%	
50) Toluene-d8	8.71	98	79322	4.98	ug/l	0.00
Spiked Amount			Recovery	=	9.96%	
62) 4-Bromofluorobenzene	11.14	95	23114	4.16	ug/l	0.00
Spiked Amount			Recovery	=	8.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	15766	4.439	ug/l	98
3) Chloromethane	1.32	50	24114	4.146	ug/l	97
4) Vinyl Chloride	1.40	62	23620	5.123	ug/l	98
5) Bromomethane	1.64	94	17420	7.013	ug/l	97
6) Chloroethane	1.72	64	16211	6.140	ug/l	99
7) Trichlorofluoromethane	1.92	101	32245	5.455	ug/l	100
8) Diethyl Ether	2.19	74	14812	5.750	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	20687	5.526	ug/l	97
10) Methyl Iodide	2.51	142	22846	4.568	ug/l	99
11) Tert butyl alcohol	3.08	59	29926	29.040	ug/l	99
12) 1,1-Dichloroethene	2.37	96	18627	5.141	ug/l	97
13) Acrolein	2.29	56	20425	26.020	ug/l	96
14) Allyl chloride	2.73	41	37256	5.520	ug/l	99
15) Acrylonitrile	3.15	53	68942	28.081	ug/l	100
16) Acetone	2.45	43	73876	29.352	ug/l	98
17) Carbon Disulfide	2.56	76	54534	5.327	ug/l	97
18) Methyl Acetate	2.78	43	31816	5.518	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	68446	5.465	ug/l	99
20) Methylene Chloride	2.86	84	26668	6.068	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	22155	5.548	ug/l	96
22) Diisopropyl ether	3.87	45	66670	5.187	ug/l	99
23) Vinyl Acetate	3.82	43	270754	25.424	ug/l	99
24) 1,1-Dichloroethane	3.69	63	41060	5.638	ug/l	99
25) 2-Butanone	4.71	43	105071	25.089	ug/l	99
26) 2,2-Dichloropropane	4.59	77	29676	5.926	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	23963	5.314	ug/l	85
28) Bromochloromethane	5.02	49	17366	5.146	ug/l	99
29) Tetrahydrofuran	5.17	42	53187	24.920	ug/l	99
30) Chloroform	5.21	83	37948	5.076	ug/l	97
31) Cyclohexane	5.57	56	32633	5.169	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	31788	5.096	ug/l	100
36) 1,1-Dichloropropene	5.80	75	28409	4.943	ug/l	98
37) Ethyl Acetate	4.87	43	31734	4.849	ug/l	97
38) Carbon Tetrachloride	5.78	117	26520	4.643	ug/l	96

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 Data File : VX003865.D
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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 07 06:58:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 06:57:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	32205	4.898	ug/l	98
40) Benzene	6.14	78	88253	5.012	ug/l	100
41) Methacrylonitrile	5.07	41	17691	5.008	ug/l	98
42) 1,2-Dichloroethane	6.20	62	30173	5.122	ug/l	99
43) Isopropyl Acetate	6.47	43	46145	4.700	ug/l	99
44) Trichloroethene	7.21	130	24153	5.081	ug/l	89
45) 1,2-Dichloropropane	7.52	63	22367	4.908	ug/l	99
46) Dibromomethane	7.67	93	14359	4.906	ug/l	98
47) Bromodichloromethane	7.90	83	26270	4.750	ug/l	98
48) Methyl methacrylate	7.78	41	22414	4.518	ug/l	98
49) 1,4-Dioxane	7.76	88	11228	95.634	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	193059	23.602	ug/l	99
52) Toluene	8.79	92	54881	5.042	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	28113	4.646	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	31609	4.787	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	22602	4.945	ug/l	97
56) Ethyl methacrylate	9.18	69	29135	4.549	ug/l	98
57) 1,3-Dichloropropane	9.37	76	37987	5.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	73100	22.346	ug/l	99
59) 2-Hexanone	9.50	43	142684	22.875	ug/l	96
60) Dibromochloromethane	9.59	129	18791	4.229	ug/l	98
61) 1,2-Dibromoethane	9.68	107	21769	4.676	ug/l	99
64) Tetrachloroethene	9.34	164	22847	5.299	ug/l	96
65) Chlorobenzene	10.14	112	60025	5.170	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	19547	4.798	ug/l	98
67) Ethyl Benzene	10.25	91	91808	4.917	ug/l	96
68) m/p-Xylenes	10.36	106	72657	9.978	ug/l	96
69) o-Xylene	10.70	106	31330	4.480	ug/l	94
70) Styrene	10.71	104	49329	4.286	ug/l	98
71) Bromoform	10.86	173	12352	3.731	ug/l #	100
73) Isopropylbenzene	11.02	105	82005	5.090	ug/l	96
74) N-amyl acetate	6.47	43	46145	5.841	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	30355	5.379	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	32667	6.680	ug/l	84
77) Bromobenzene	11.26	156	22854	5.193	ug/l	99
78) n-propylbenzene	11.36	91	93462	5.209	ug/l	100
79) 2-Chlorotoluene	11.42	91	58269	5.316	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	67699	5.144	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	6975	4.449	ug/l #	84
82) 4-Chlorotoluene	11.51	91	67974	5.358	ug/l	98
83) tert-Butylbenzene	11.77	119	67560	5.065	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	68793	5.070	ug/l	100
85) sec-Butylbenzene	11.95	105	81388	5.219	ug/l	100
86) p-Isopropyltoluene	12.07	119	71135	5.065	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	42754	5.188	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	45073	5.302	ug/l	97
89) n-Butylbenzene	12.39	91	58614	4.837	ug/l	98
90) Hexachloroethane	12.60	117	10968	4.815	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	42400	5.054	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	5731	4.605	ug/l	97

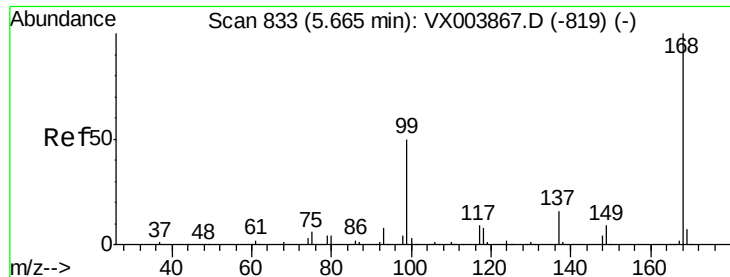
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX080618\
Data File : VX003865.D
Acq On : 06 Aug 2018 16:53
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Aug 07 06:58:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 06:57:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	28306	4.758	ug/l	99
94) Hexachlorobutadiene	13.79	225	13840	4.814	ug/l	99
95) Naphthalene	13.83	128	78473	4.548	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	29641	4.816	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

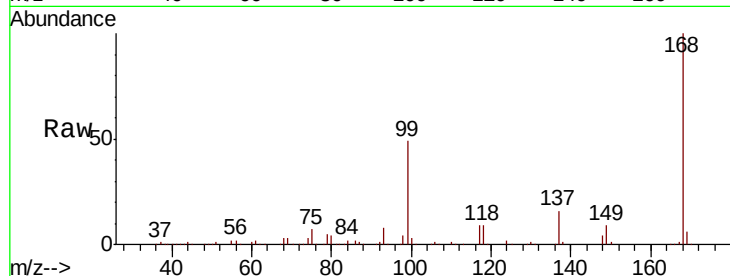
VSTDIC005

Tot Ion:168 Resp: 361640

Ion Ratio Lower Upper

168 100

99 49.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

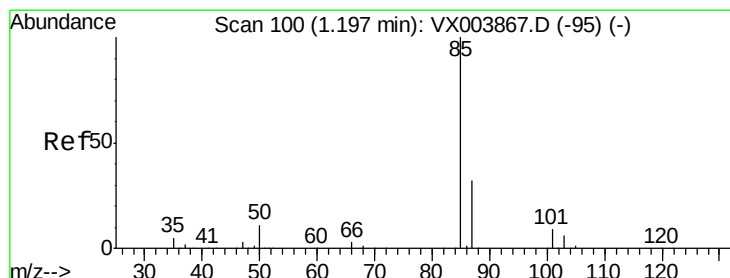
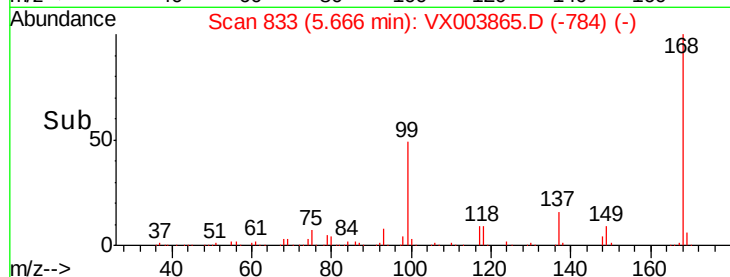
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 4.439 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003865.D

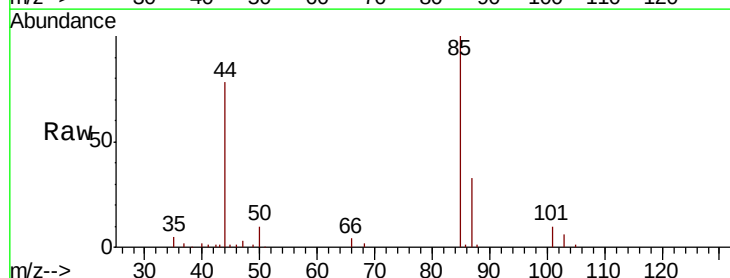
Acq: 06 Aug 2018 16:53

Tgt Ion: 85 Resp: 15766

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

15000

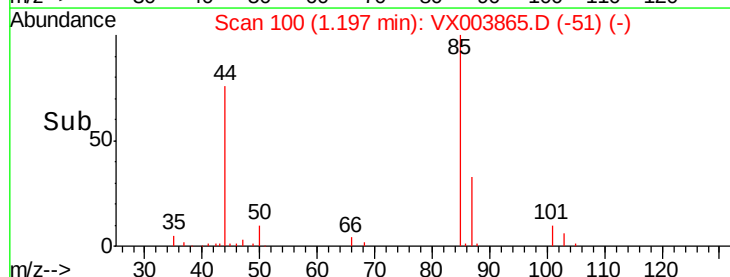
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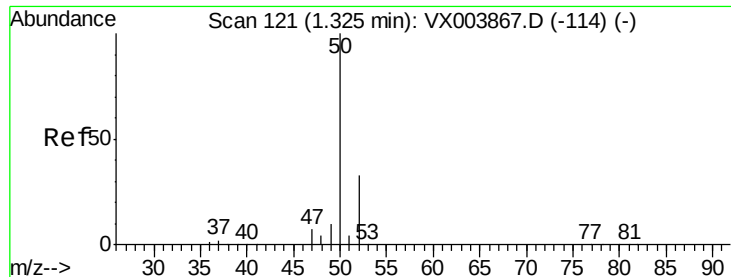
5000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 4.146 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

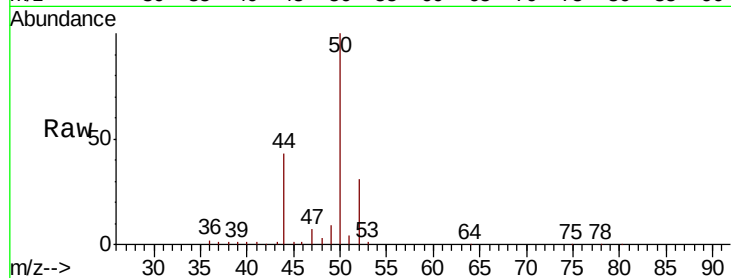
VSTDIC005

Tot Ion: 50 Resp: 24114

Ion Ratio Lower Upper

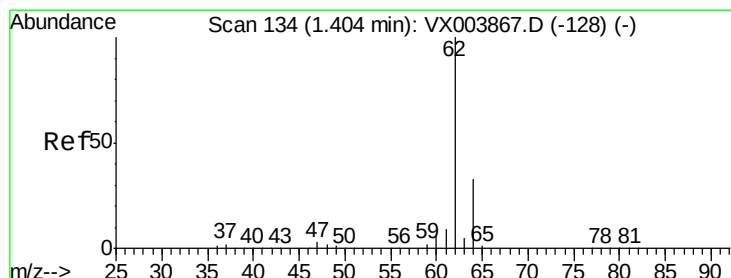
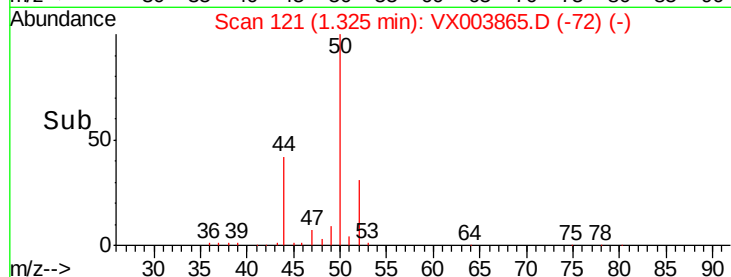
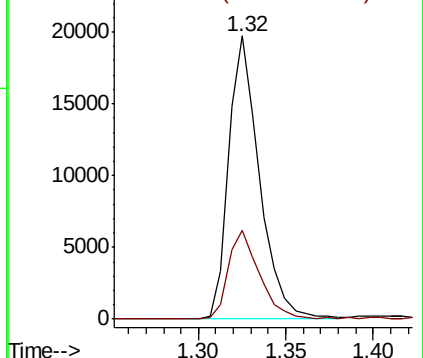
50 100

52 31.4 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: 5.123 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003865.D

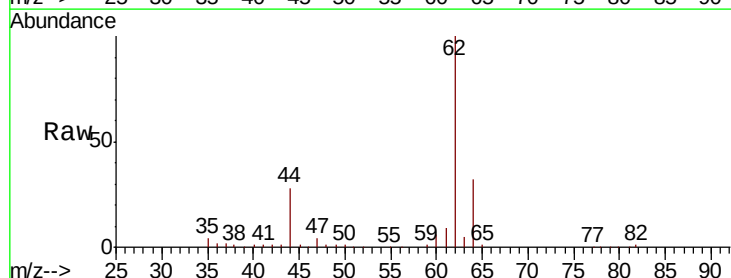
Acq: 06 Aug 2018 16:53

Tgt Ion: 62 Resp: 23620

Ion Ratio Lower Upper

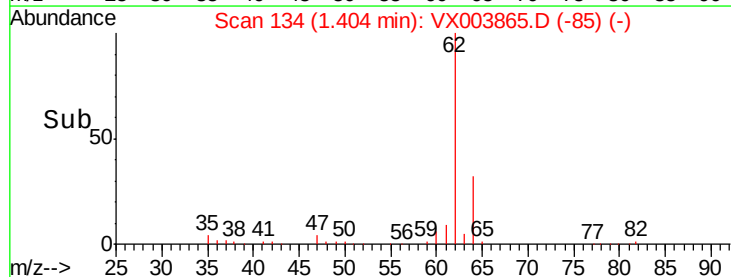
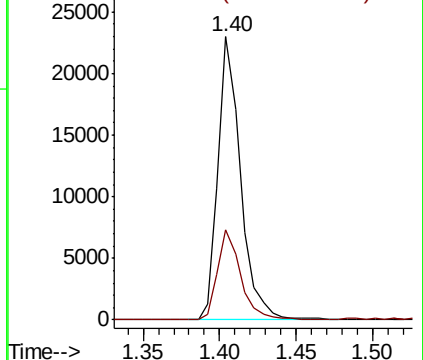
62 100

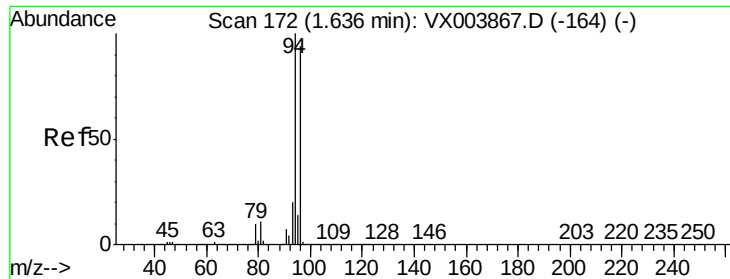
64 31.6 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 7.013 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

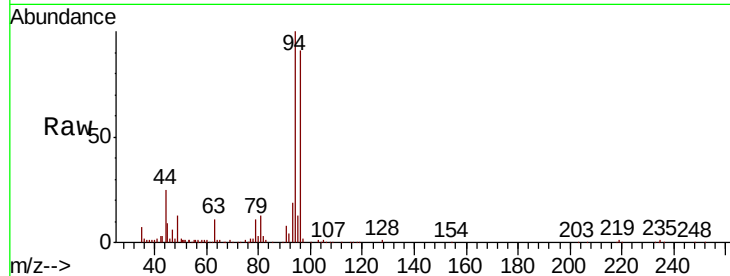
VSTDIC005

Tot Ion: 94 Resp: 17420

Ion Ratio Lower Upper

94 100

96 91.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

20000

15000

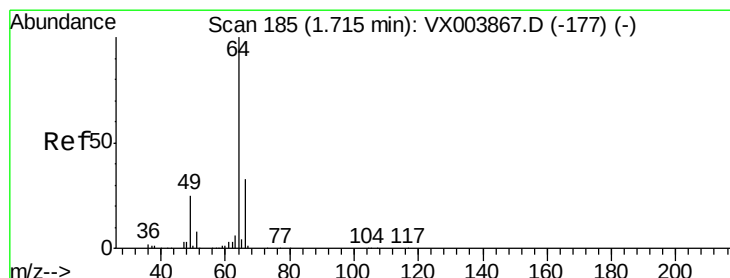
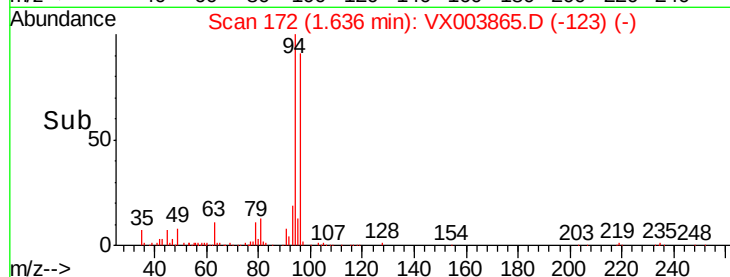
10000

5000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 6.140 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003865.D

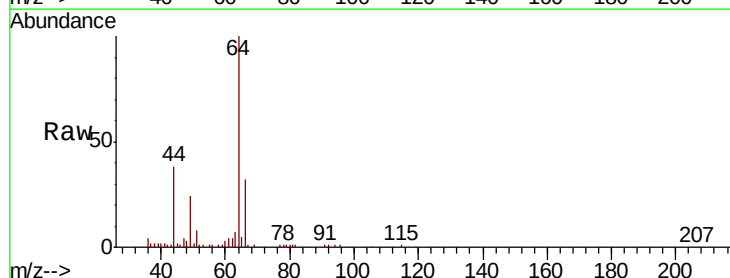
Acq: 06 Aug 2018 16:53

Tgt Ion: 64 Resp: 16211

Ion Ratio Lower Upper

64 100

66 32.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

15000

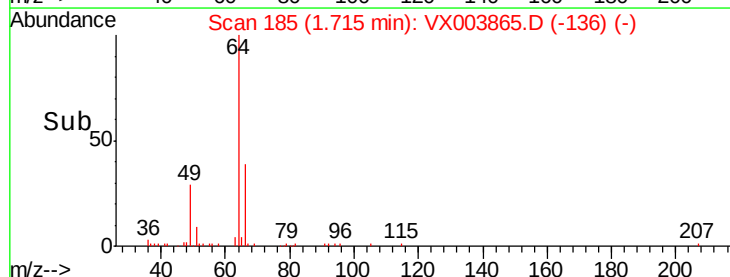
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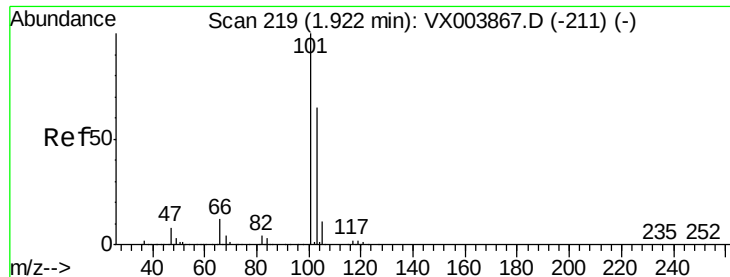
5000

0

1.65 1.70 1.75 1.80

Time-->



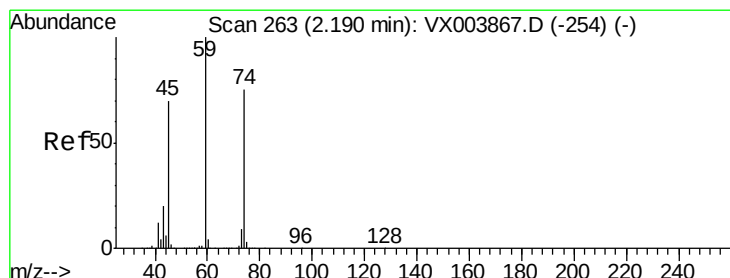
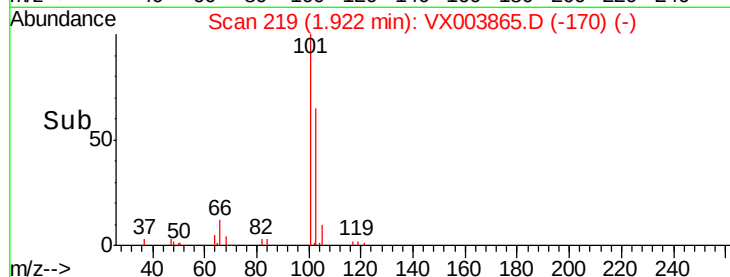
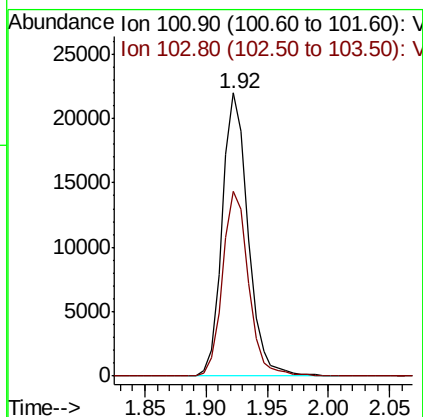
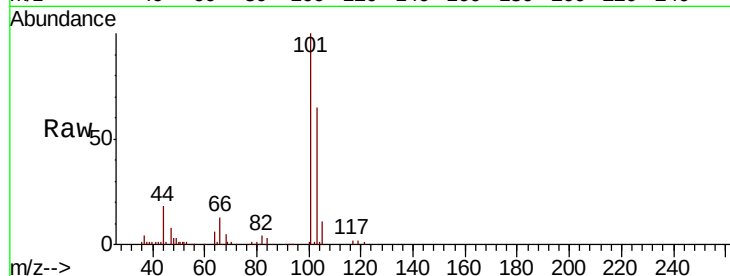


#7

Trichlorofluoromethane
 Concen: 5.455 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

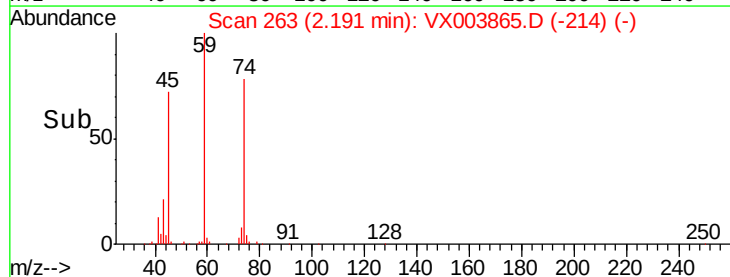
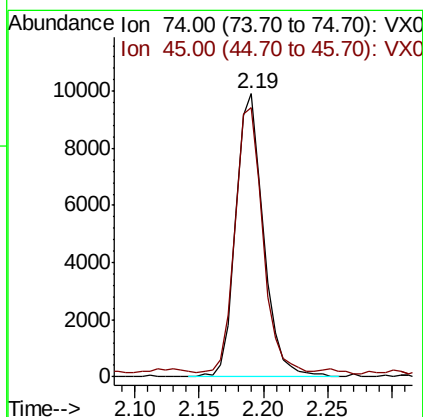
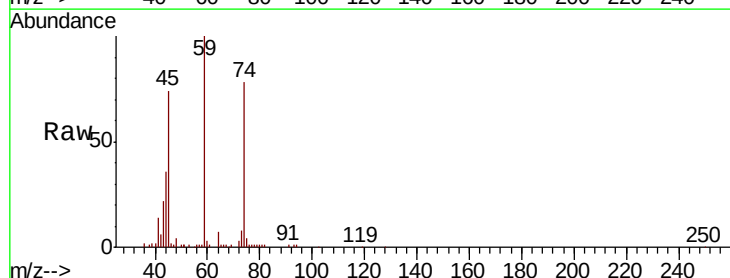
Tot Ion:101 Resp: 32245
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

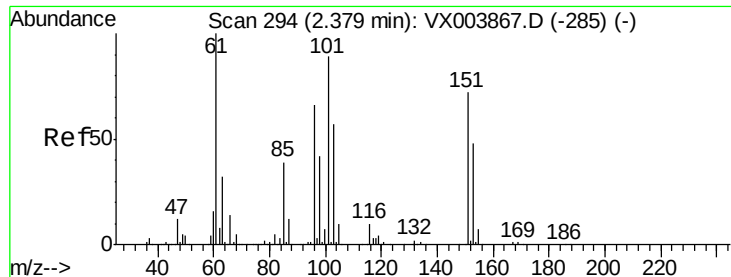


#8

Diethyl Ether
 Concen: 5.750 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion: 74 Resp: 14812
 Ion Ratio Lower Upper
 74 100
 45 93.9 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.526 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

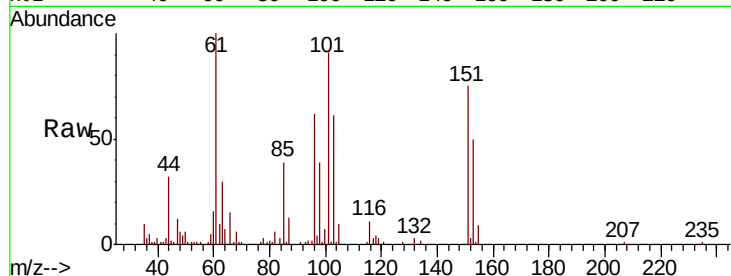
Tot Ion:101 Resp: 20687

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

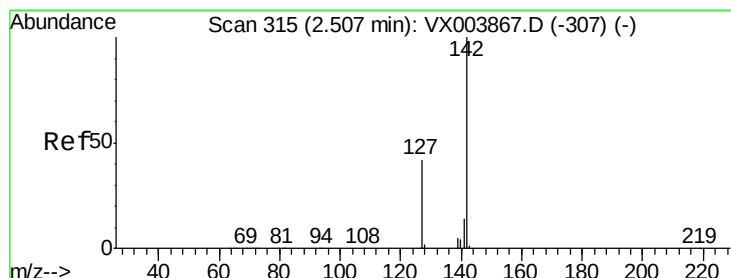
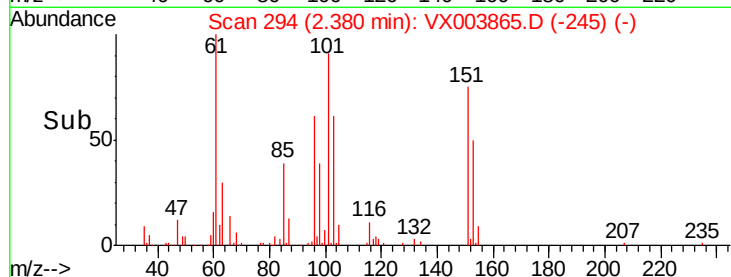
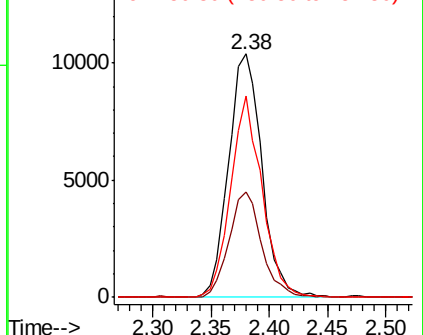
151 77.8 65.0 97.4



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: 4.568 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

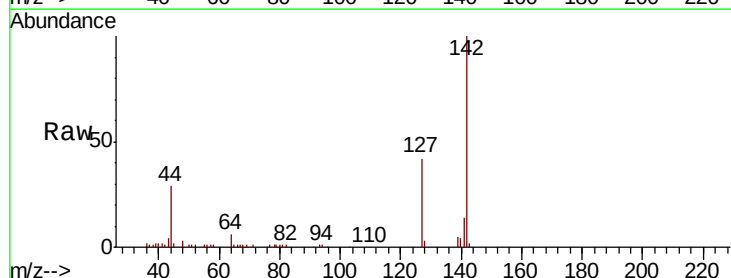
Tgt Ion:142 Resp: 22846

Ion Ratio Lower Upper

142 100

127 41.1 33.1 49.7

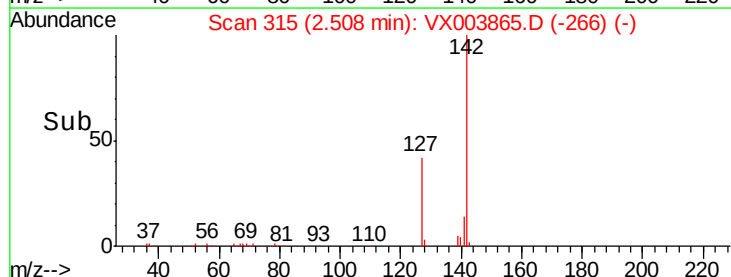
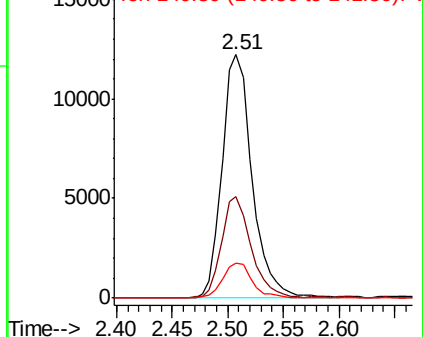
141 14.2 11.1 16.7

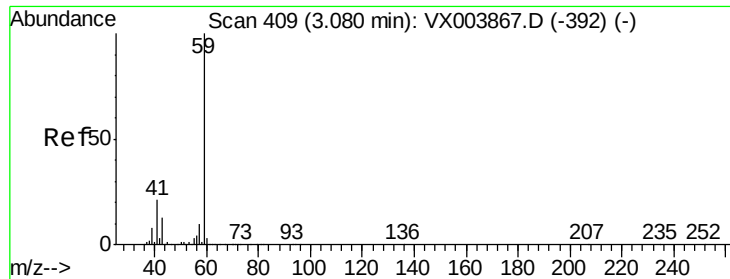


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

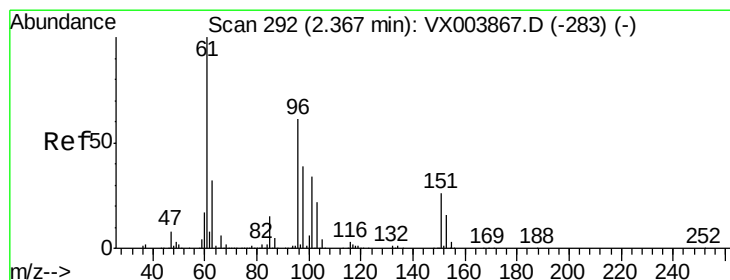
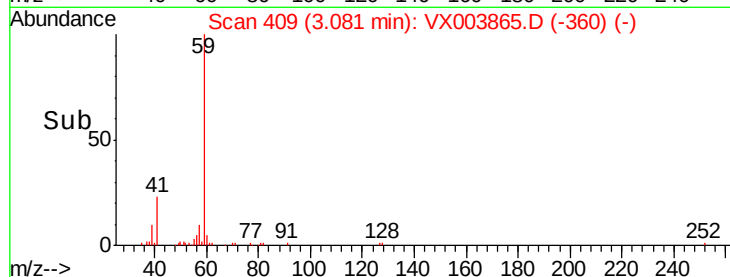
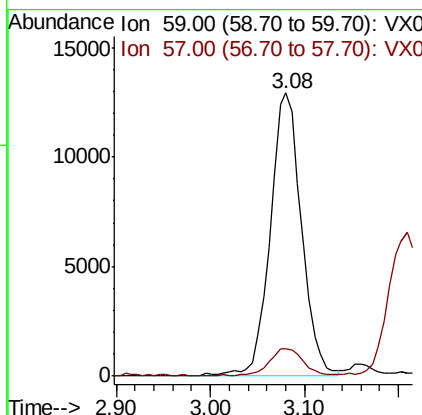
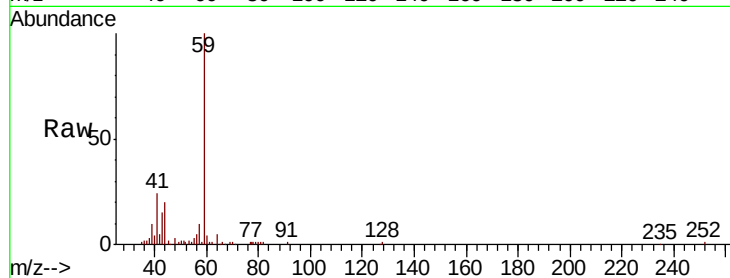




#11
Tert butyl alcohol
Concen: 29.040 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

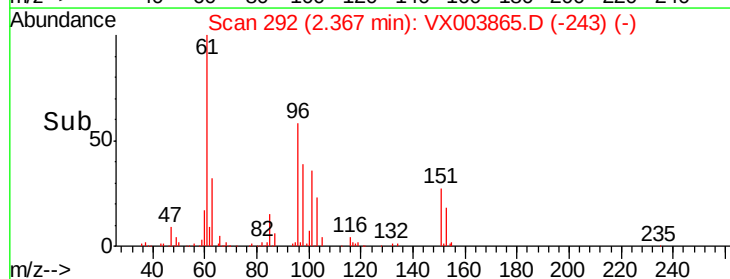
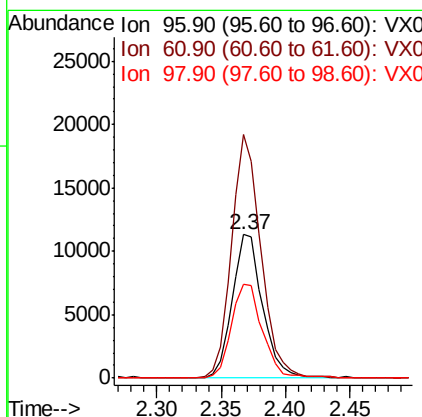
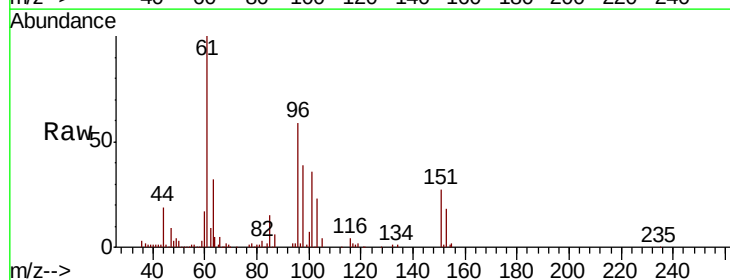
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

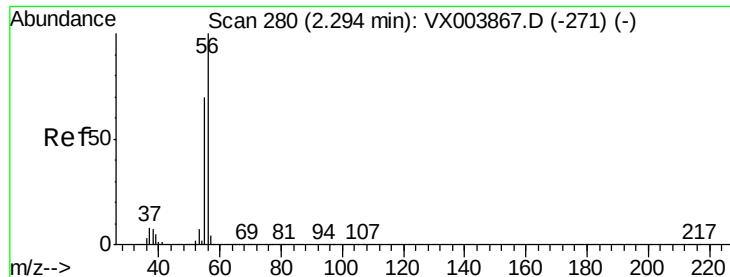
Tot Ion: 59 Resp: 29926
Ion Ratio Lower Upper
59 100
57 10.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 5.141 ug/l
RT: 2.37 min Scan# 292
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 96 Resp: 18627
Ion Ratio Lower Upper
96 100
61 169.7 131.3 196.9
98 65.3 51.8 77.6





#13

Acrolein

Concen: 26.020 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

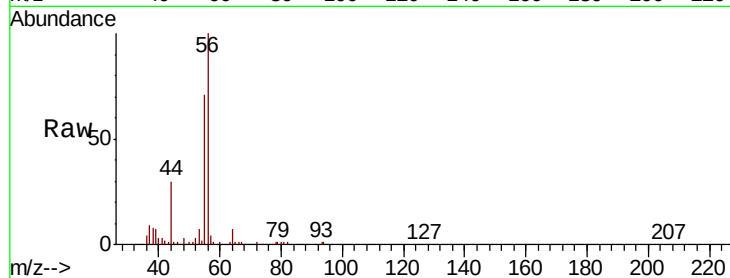
VSTDIC005

Tot Ion: 56 Resp: 20425

Ion Ratio Lower Upper

56 100

55 66.9 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX003867.D (-271) (-)

Ion 55.00 (54.70 to 55.70): VX003867.D (-271) (-)

2.29

15000

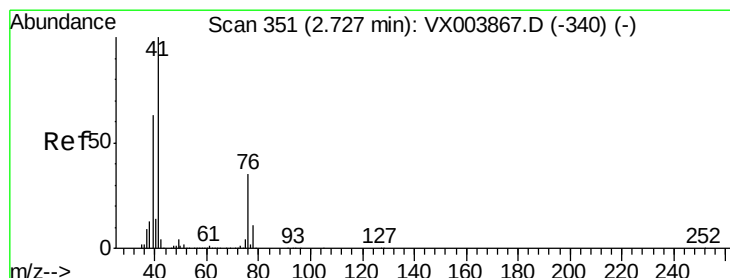
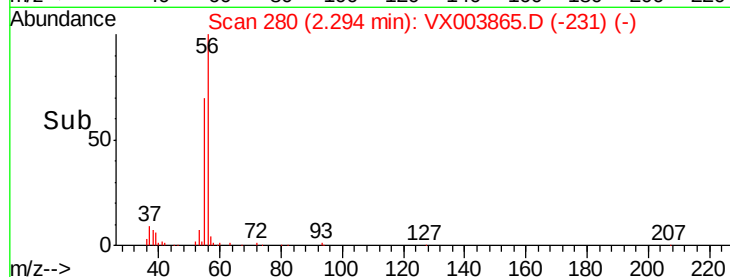
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 5.520 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

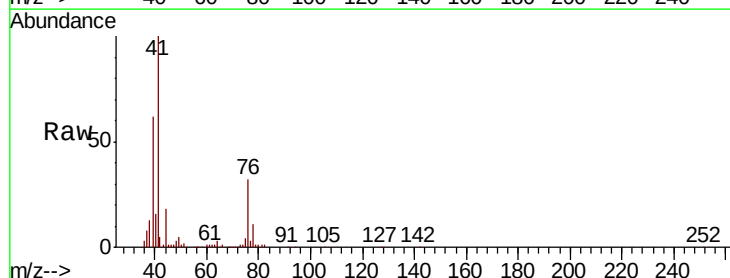
Tgt Ion: 41 Resp: 37256

Ion Ratio Lower Upper

41 100

39 60.1 47.4 71.0

76 31.9 26.0 39.0



Abundance Ion 41.00 (40.70 to 41.70): VX003867.D (-340) (-)

Ion 39.00 (38.70 to 39.70): VX003867.D (-340) (-)

Ion 75.90 (75.60 to 76.60): VX003867.D (-340) (-)

25000

20000

15000

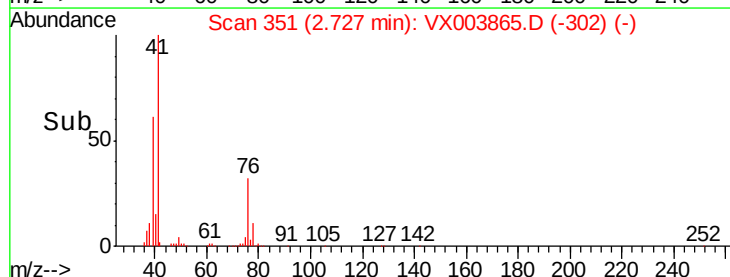
10000

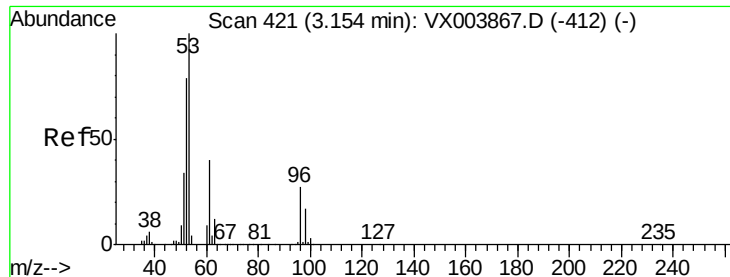
5000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 28.081 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

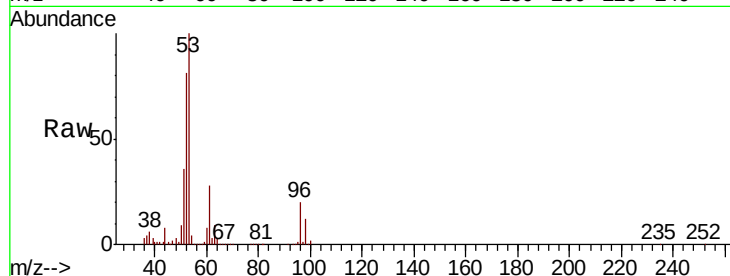
Tot Ion: 53 Resp: 68942

Ion Ratio Lower Upper

53 100

52 81.4 65.3 97.9

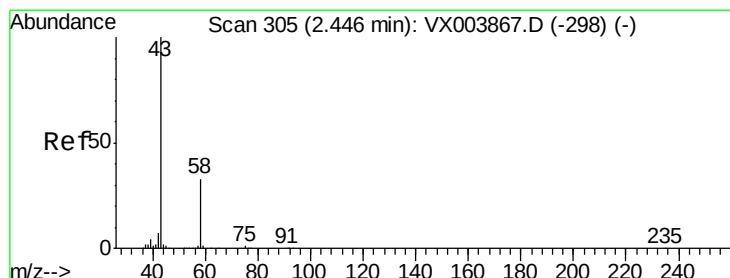
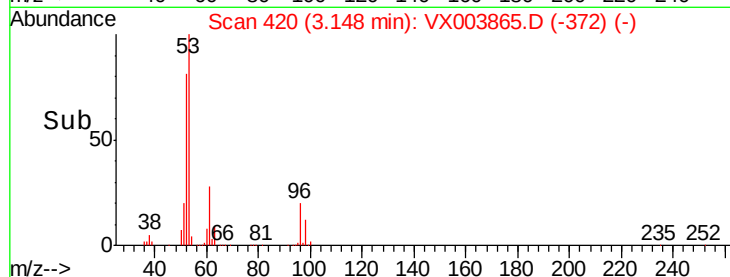
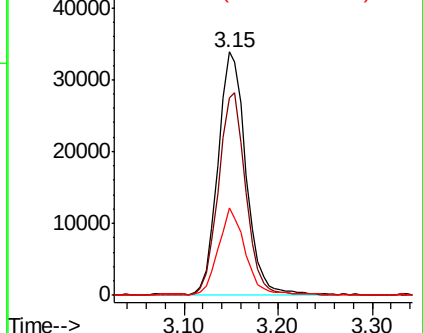
51 34.4 27.9 41.9



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: 29.352 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003865.D

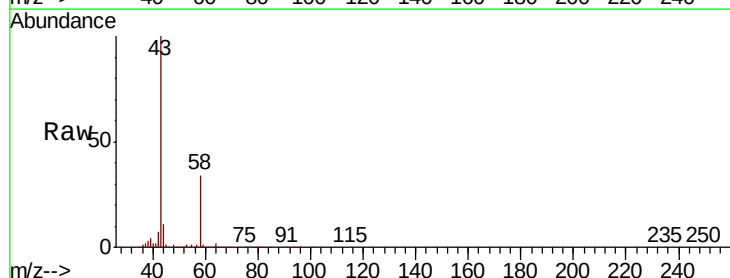
Acq: 06 Aug 2018 16:53

Tgt Ion: 43 Resp: 73876

Ion Ratio Lower Upper

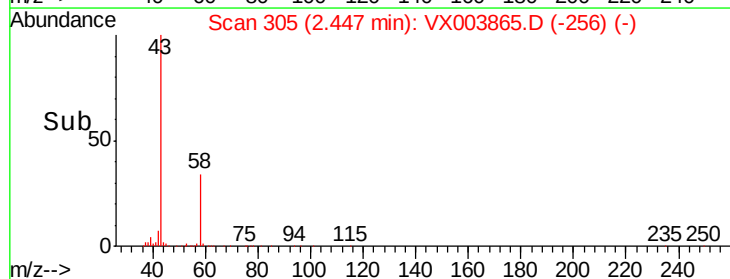
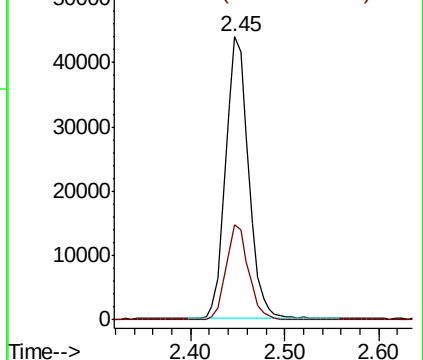
43 100

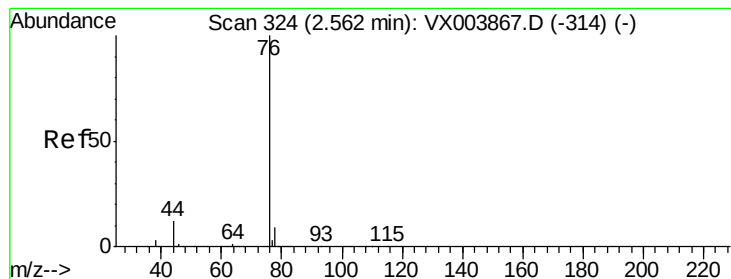
58 33.9 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.327 ug/l

RT: 2.56 min Scan# 324

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

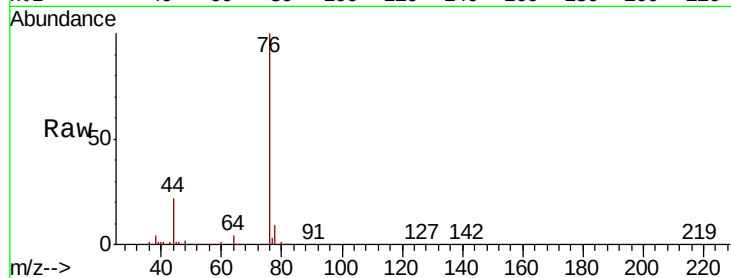
VSTDIC005

Tot Ion: 76 Resp: 54534

Ion Ratio Lower Upper

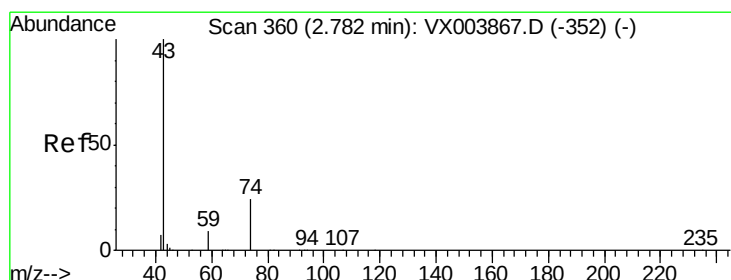
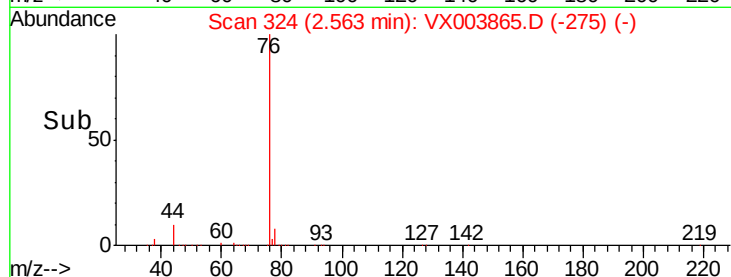
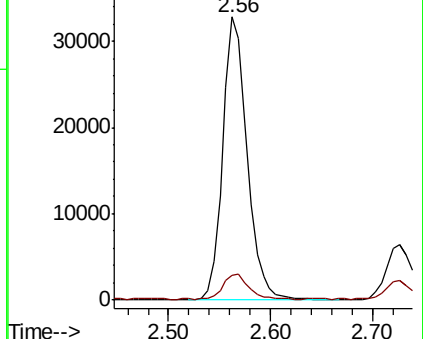
76 100

78 8.1 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: 5.518 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003865.D

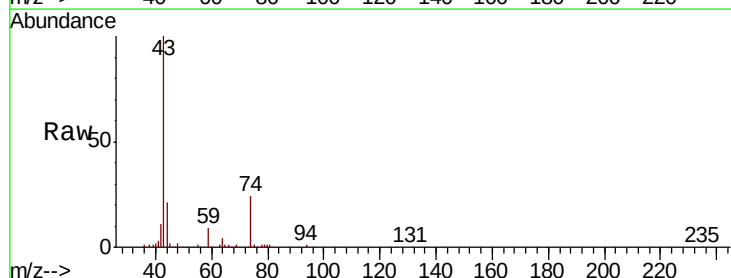
Acq: 06 Aug 2018 16:53

Tgt Ion: 43 Resp: 31816

Ion Ratio Lower Upper

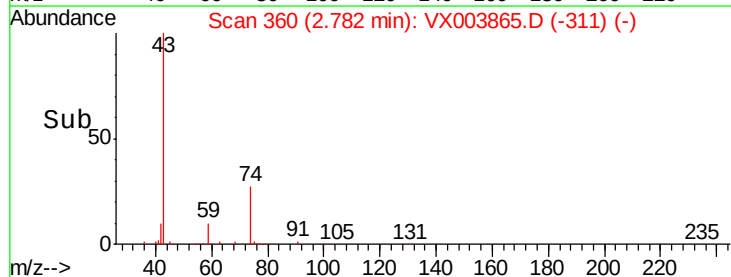
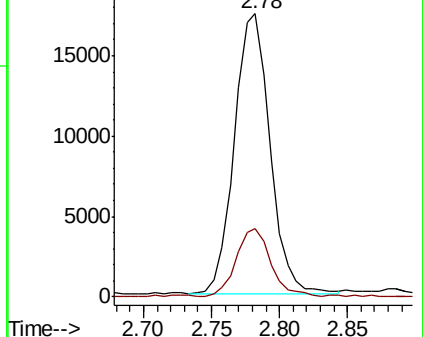
43 100

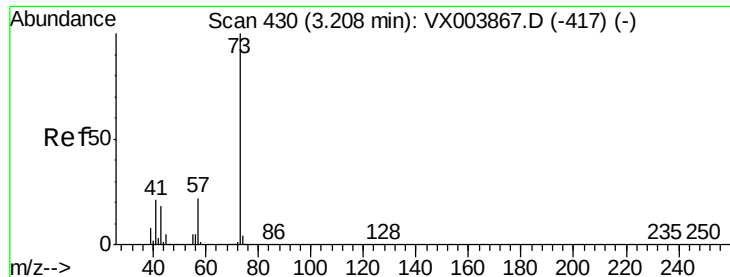
74 23.9 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



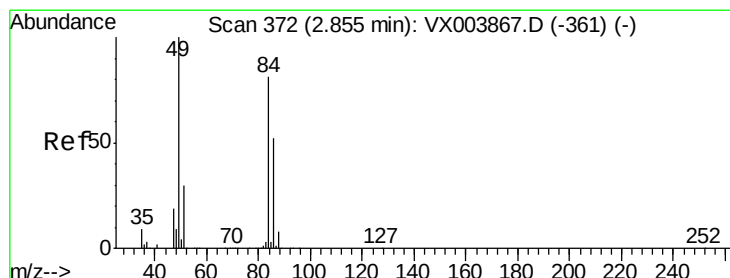
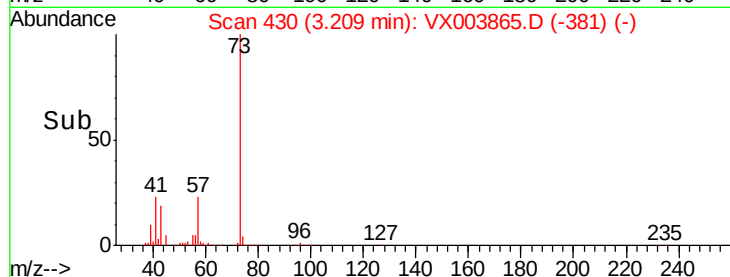
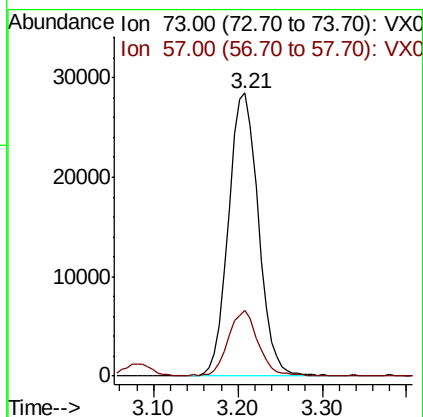
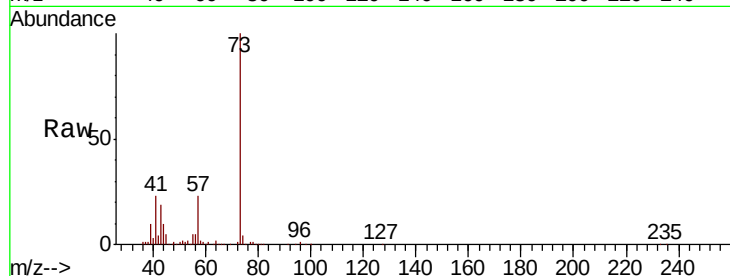


#19

Methyl tert-butyl Ether
 Concen: 5.465 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

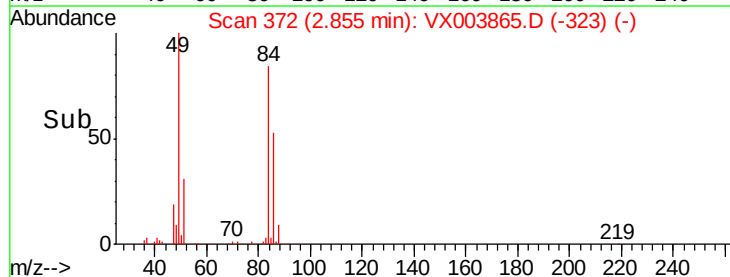
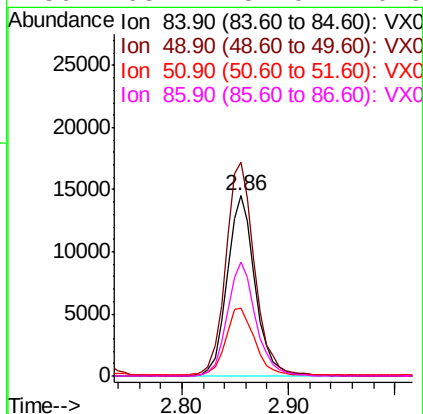
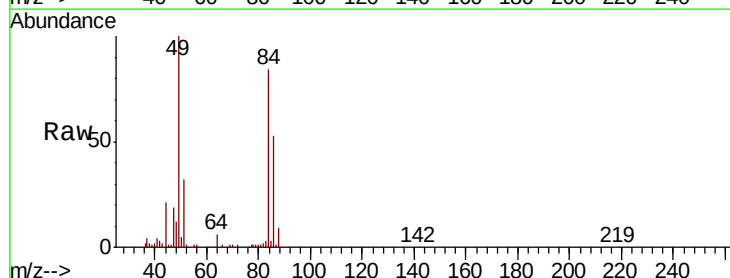
Tot Ion: 73 Resp: 68446
 Ion Ratio Lower Upper
 73 100
 57 22.7 18.0 27.0

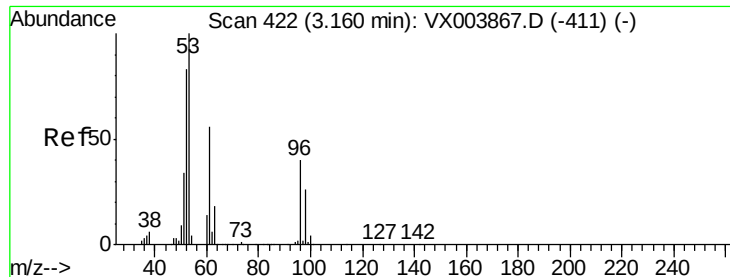


#20

Methylene Chloride
 Concen: 6.068 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion: 84 Resp: 26668
 Ion Ratio Lower Upper
 84 100
 49 118.1 98.9 148.3
 51 36.9 29.9 44.9
 86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 5.548 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

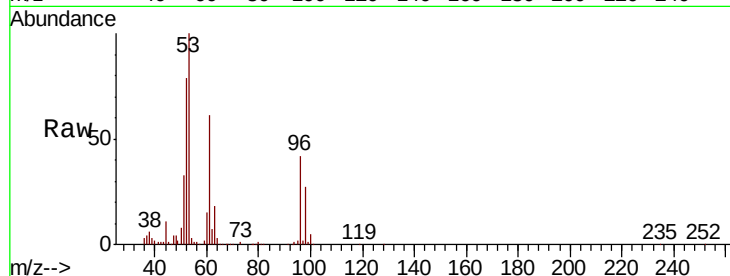
Tot Ion: 96 Resp: 22155

Ion Ratio Lower Upper

96 100

61 145.6 111.8 167.6

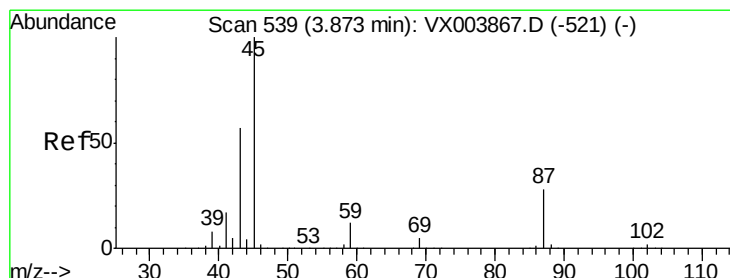
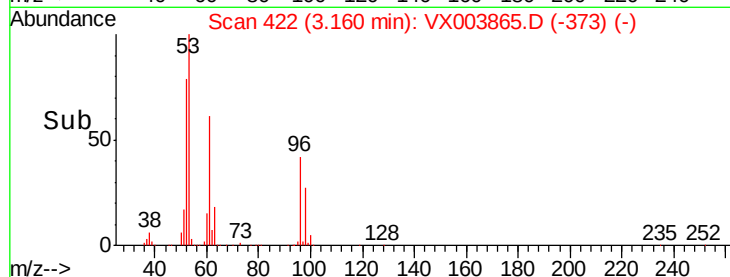
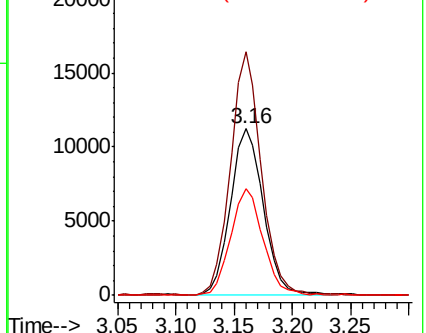
98 63.4 51.8 77.6



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: 5.187 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Tgt Ion: 45 Resp: 66670

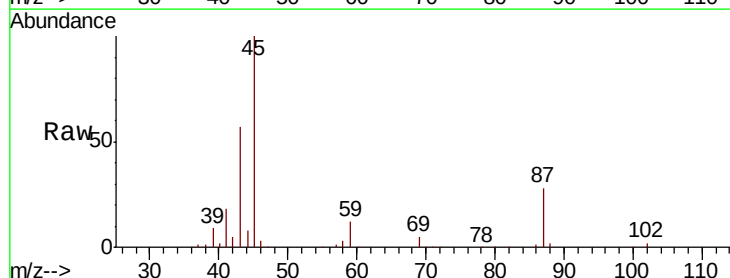
Ion Ratio Lower Upper

45 100

43 56.1 45.3 67.9

87 27.6 22.7 34.1

59 11.6 9.6 14.4

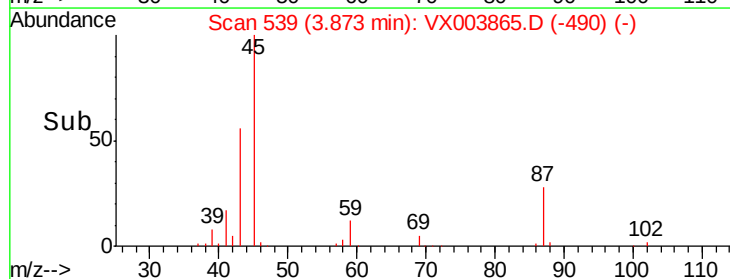
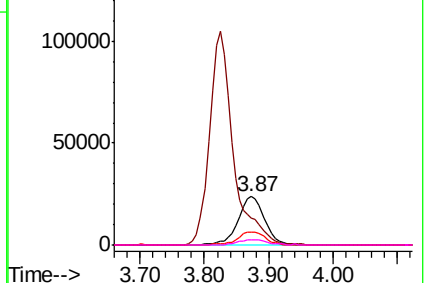


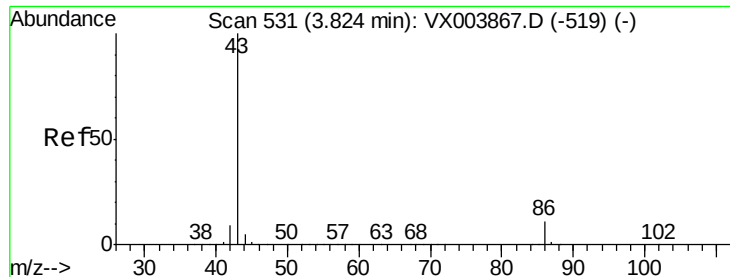
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 25.424 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

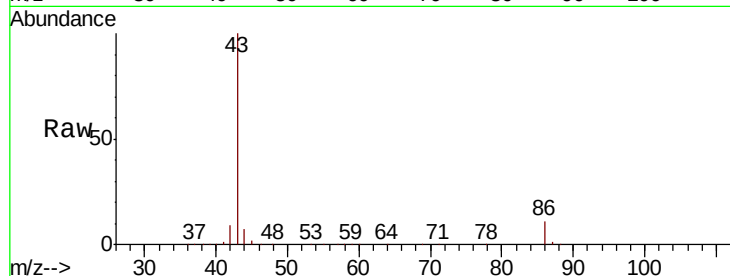
VSTDIC005

Tot Ion: 43 Resp: 270754

Ion Ratio Lower Upper

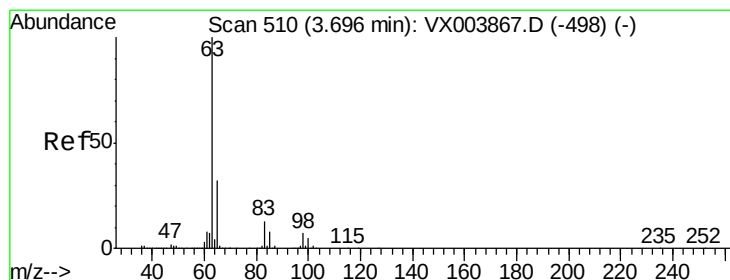
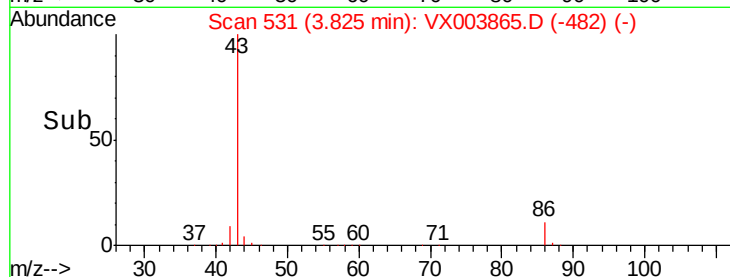
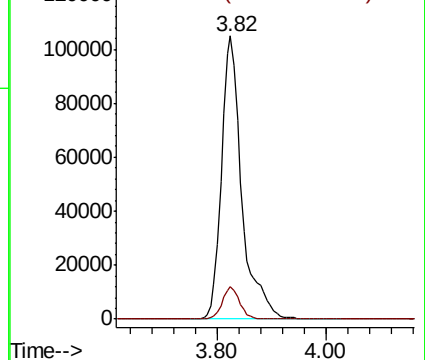
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.638 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

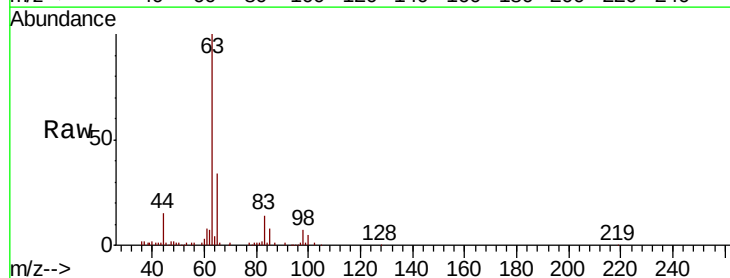
Tgt Ion: 63 Resp: 41060

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

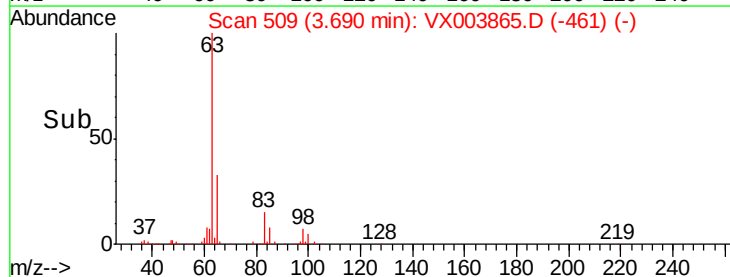
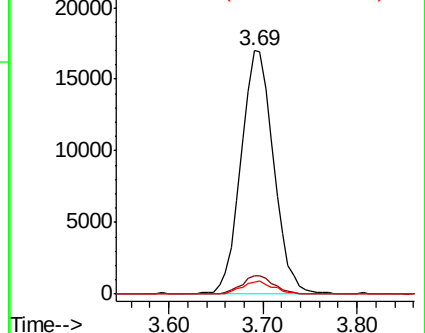
100 4.8 2.3 6.8

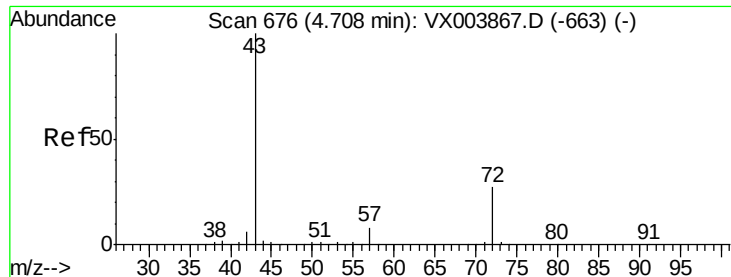


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 25.089 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

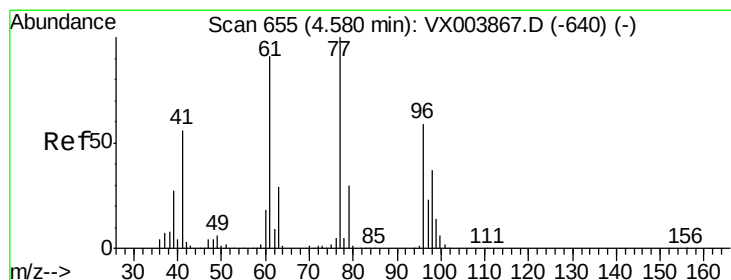
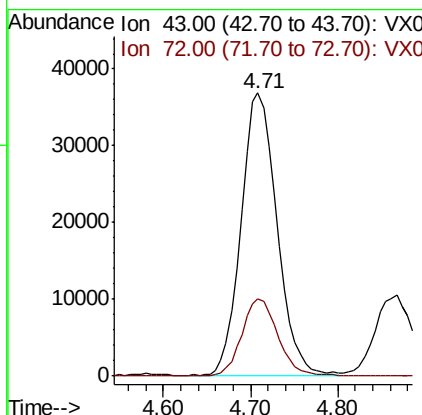
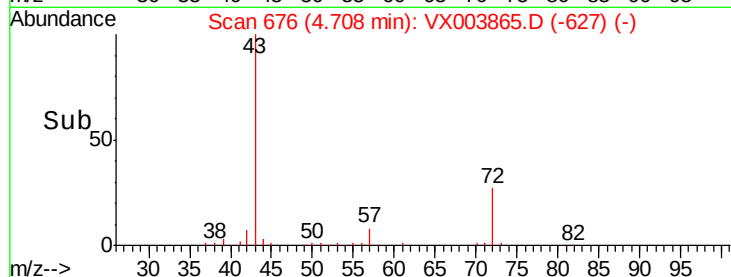
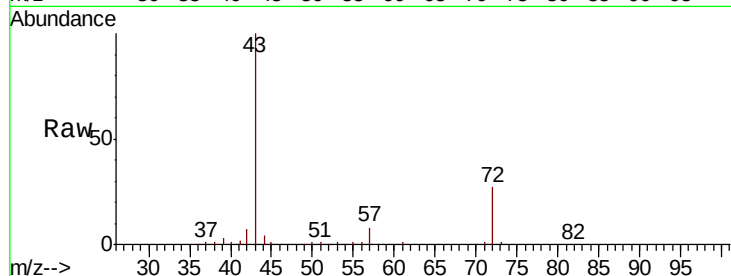
VSTDIC005

Tot Ion: 43 Resp: 105071

Ion Ratio Lower Upper

43 100

72 27.4 21.4 32.0



#26

2,2-Dichloropropane

Concen: 5.926 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003865.D

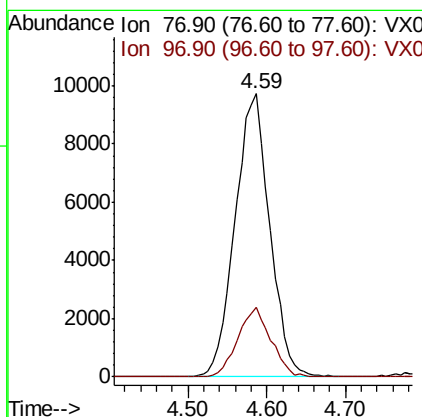
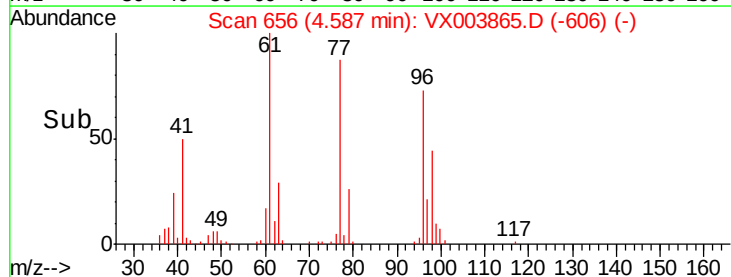
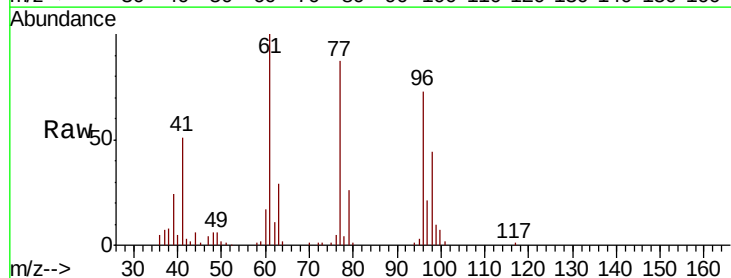
Acq: 06 Aug 2018 16:53

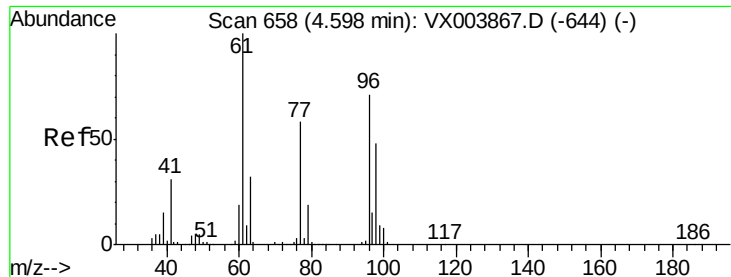
Tgt Ion: 77 Resp: 29676

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.9



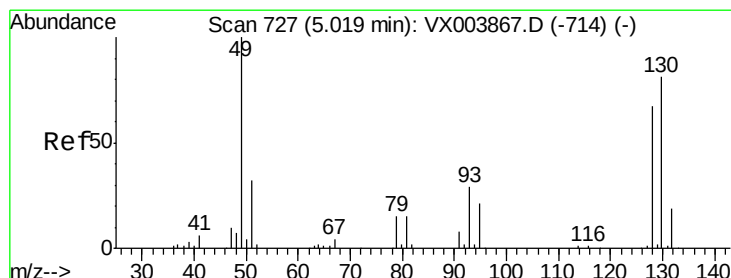
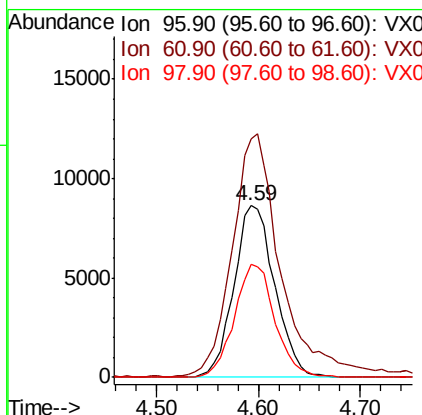
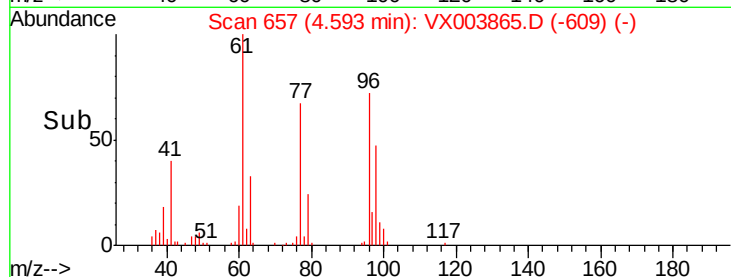
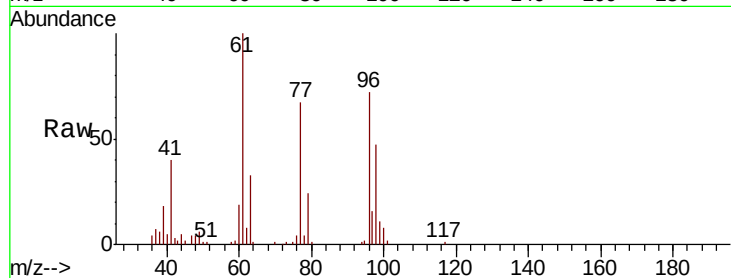


#27

cis-1,2-Dichloroethene
 Concen: 5.314 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

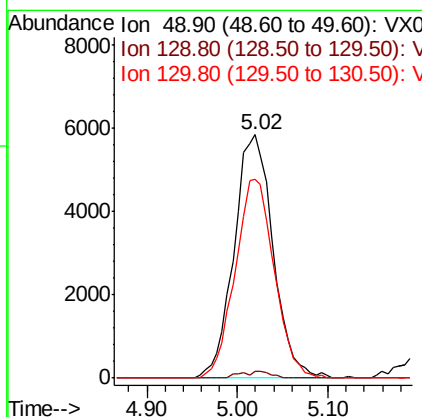
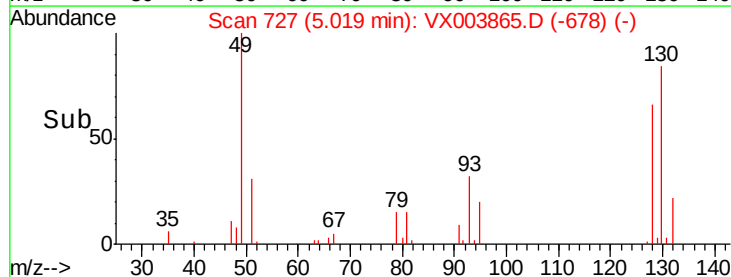
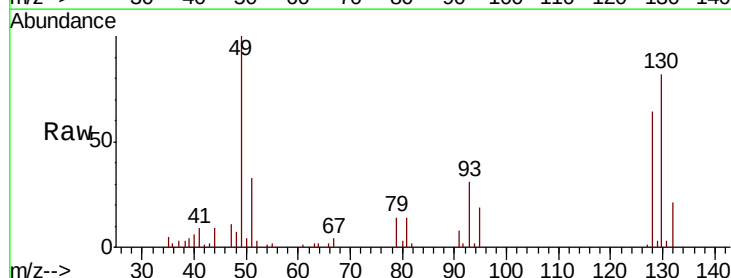
Tot Ion	Ratio	Lower	Upper
96	100		
61	173.0	0.0	293.0
98	65.5	0.0	131.8

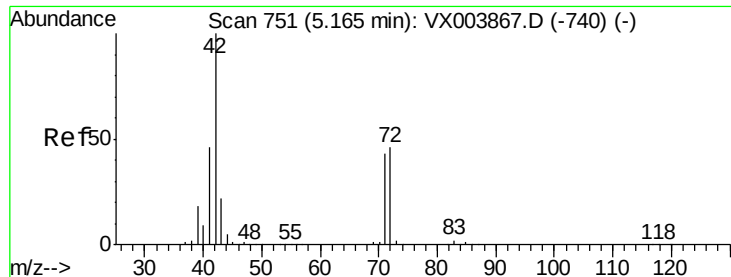


#28

Bromochloromethane
 Concen: 5.146 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	82.1	66.5	99.7

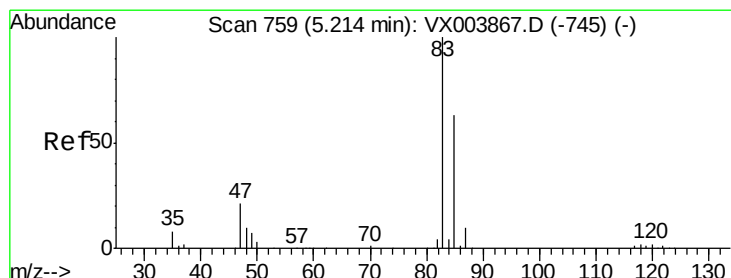
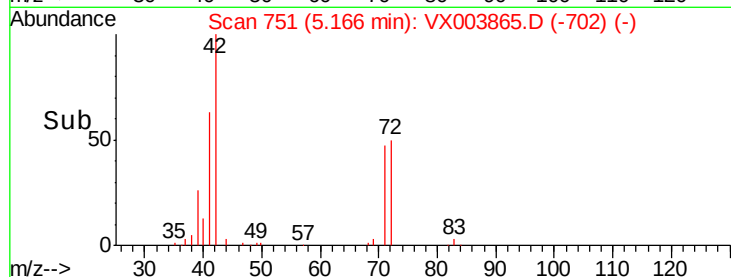
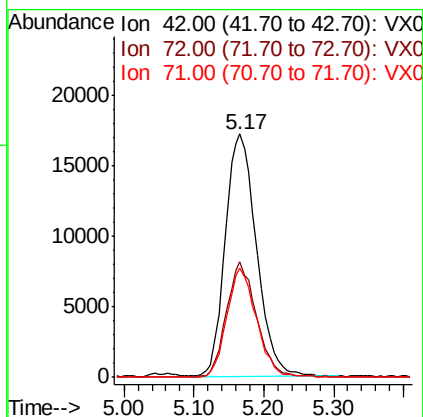
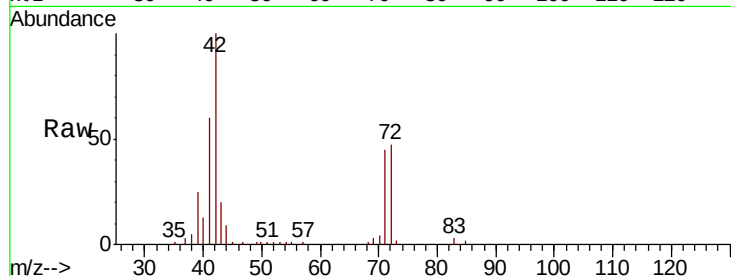




#29
Tetrahydrofuran
Concen: 24.920 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

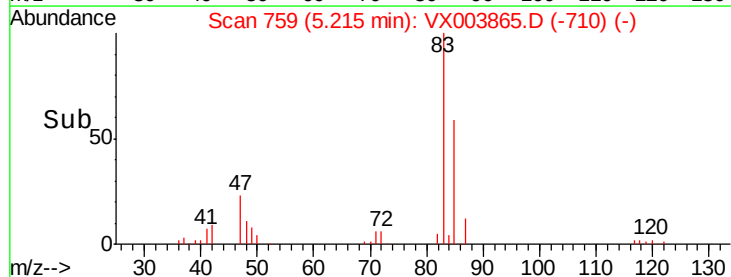
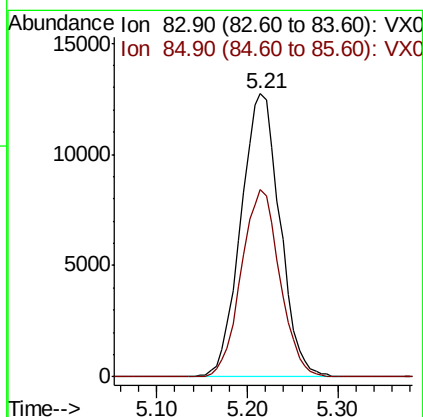
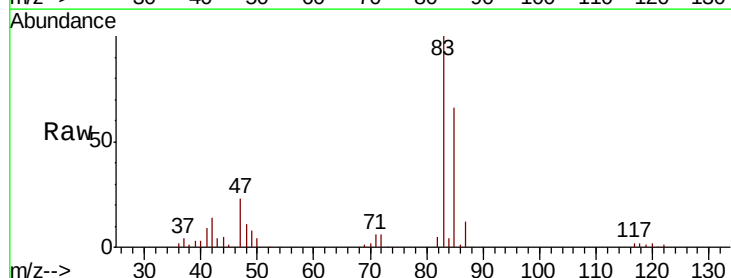
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

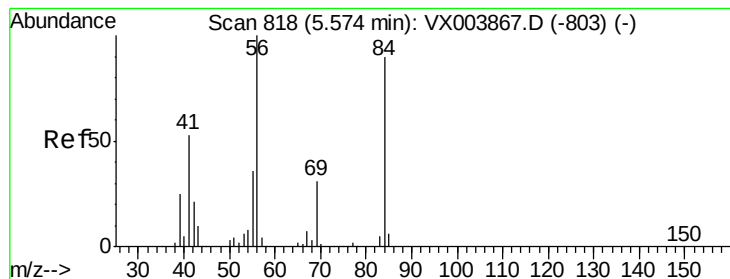
Tot Ion: 42 Resp: 53187
Ion Ratio Lower Upper
42 100
72 46.1 37.7 56.5
71 43.0 35.0 52.6



#30
Chloroform
Concen: 5.076 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 83 Resp: 37948
Ion Ratio Lower Upper
83 100
85 66.1 50.7 76.1





#31

Cyclohexane

Concen: 5.169 ug/l

RT: 5.57 min Scan# 817

Delta R.T. -0.01 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

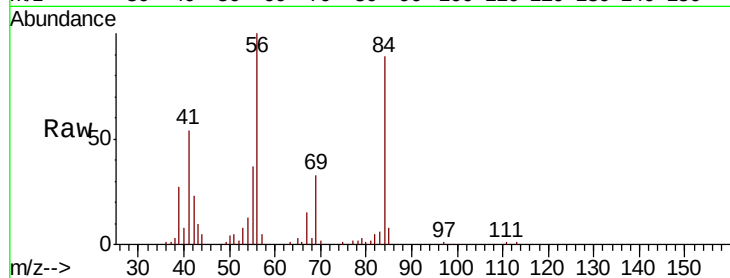
Tot Ion: 56 Resp: 32633

Ion Ratio Lower Upper

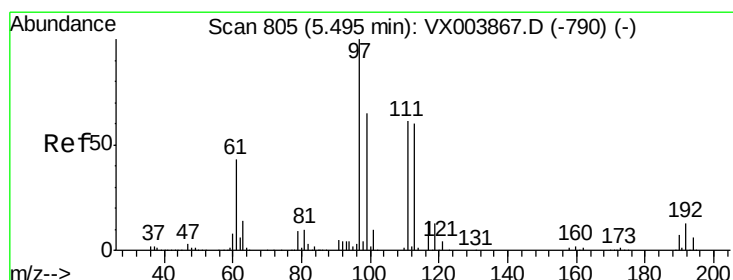
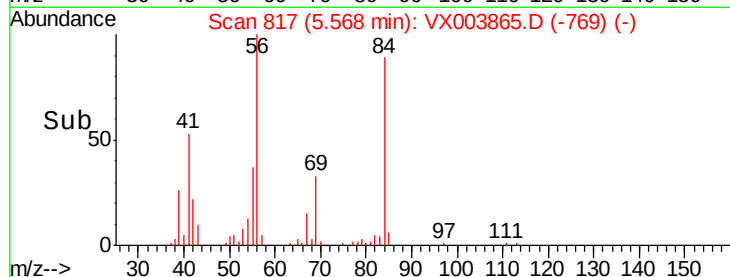
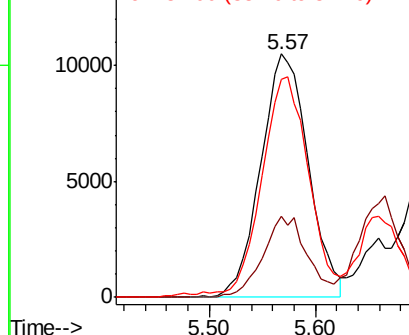
56 100

69 33.1 24.9 37.3

84 87.9 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: 5.096 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

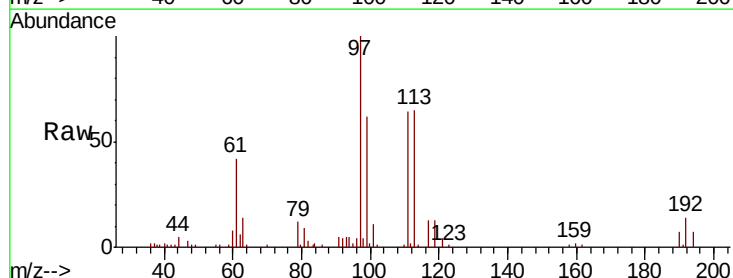
Tgt Ion: 97 Resp: 31788

Ion Ratio Lower Upper

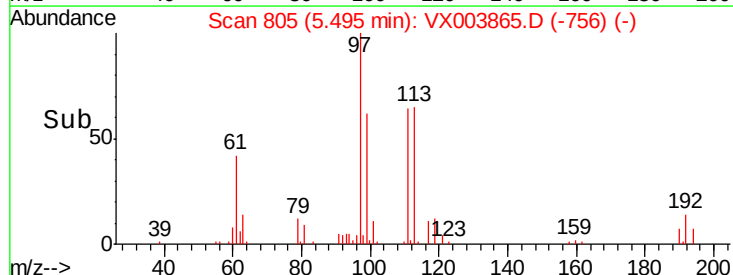
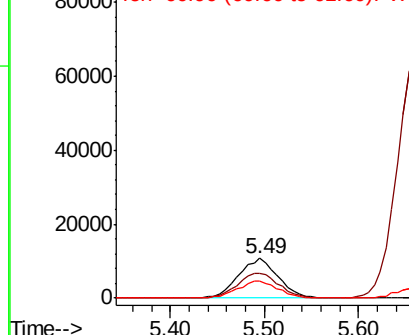
97 100

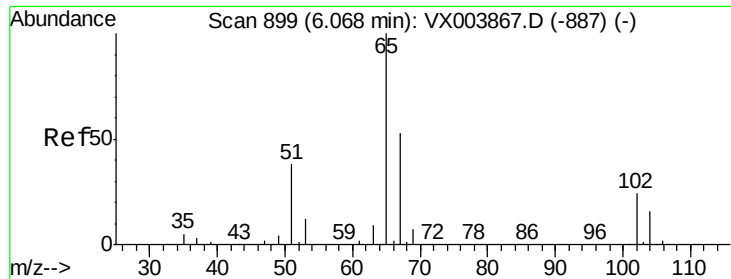
99 64.8 51.8 77.8

61 43.5 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

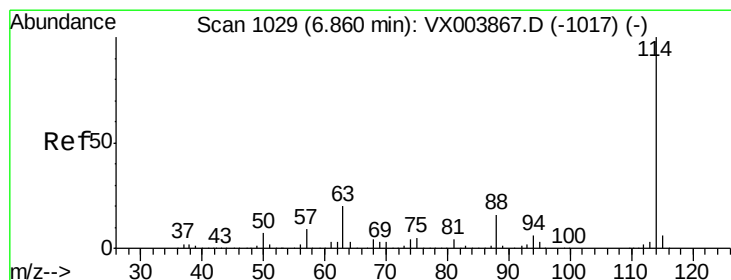
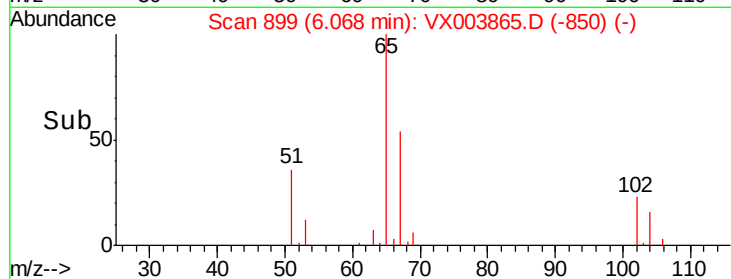
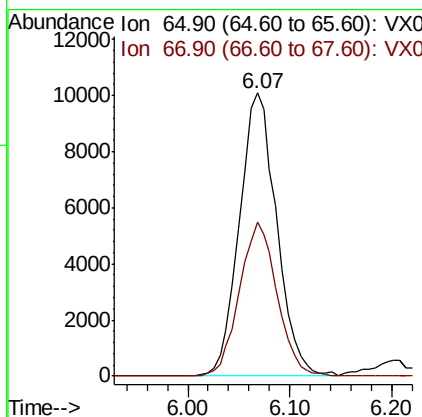
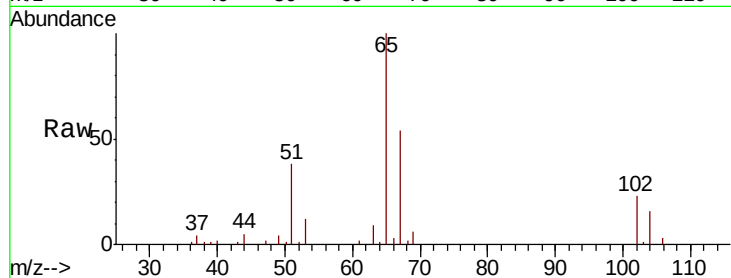




#33
 1,2-Dichloroethane-d4
 Concen: 5.498 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

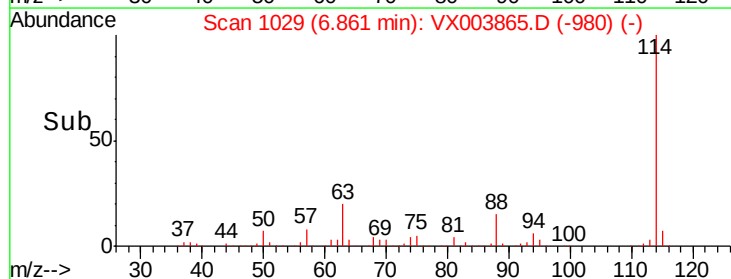
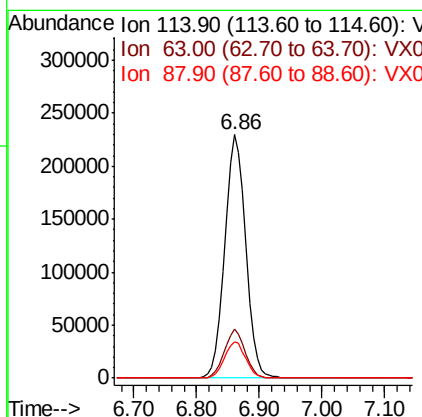
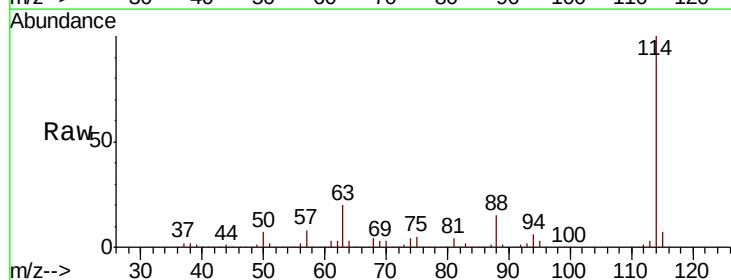
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

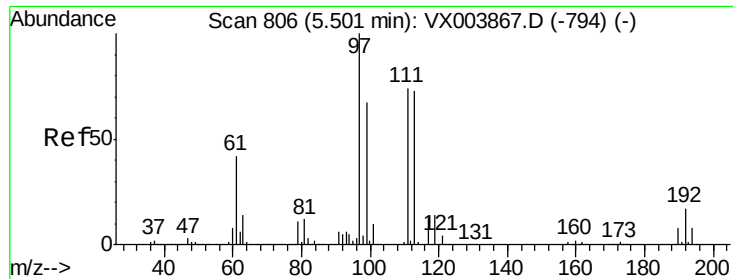
Tot Ion: 65 Resp: 25646
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion: 114 Resp: 530731
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.0
 88 15.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 4.945 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

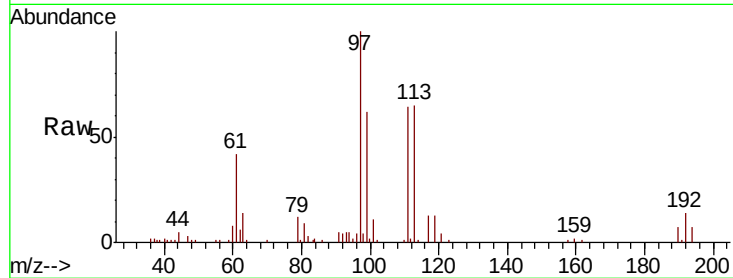
Tot Ion:113 Resp: 20379

Ion Ratio Lower Upper

113 100

111 105.7 82.0 123.0

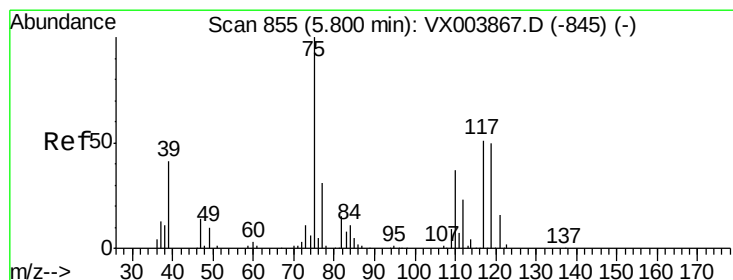
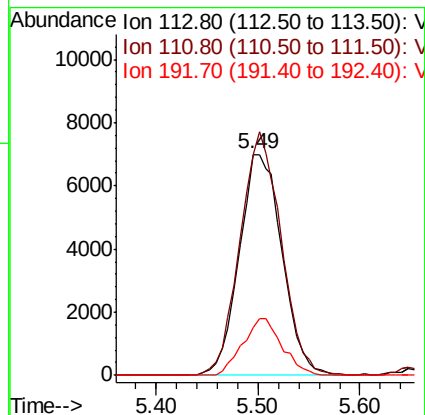
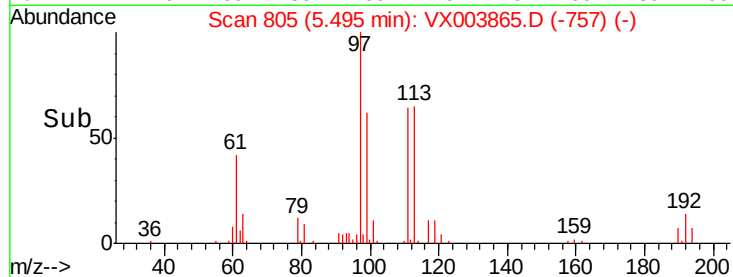
192 23.6 19.0 28.4



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: 4.943 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

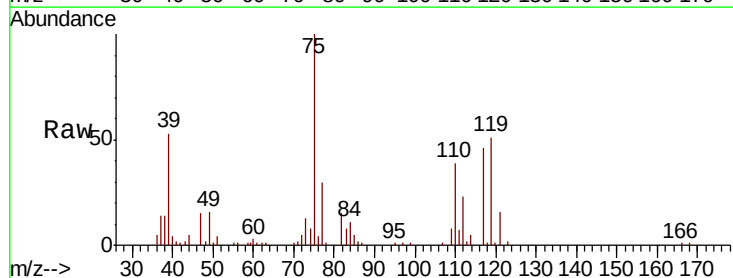
Tgt Ion: 75 Resp: 28409

Ion Ratio Lower Upper

75 100

110 37.0 18.2 54.6

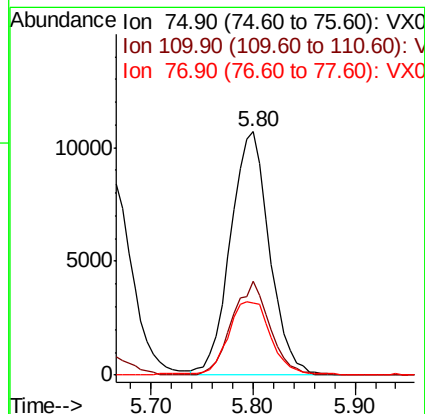
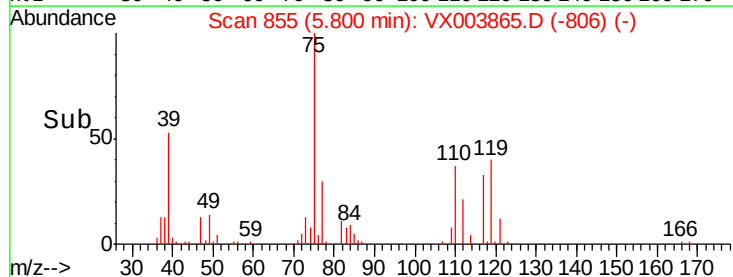
77 33.1 25.0 37.4

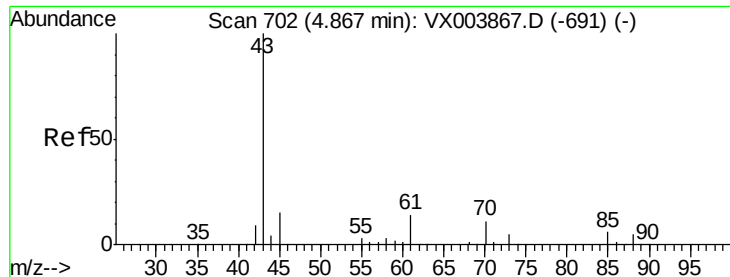


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

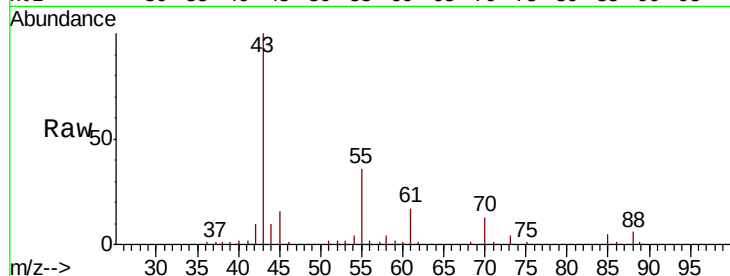




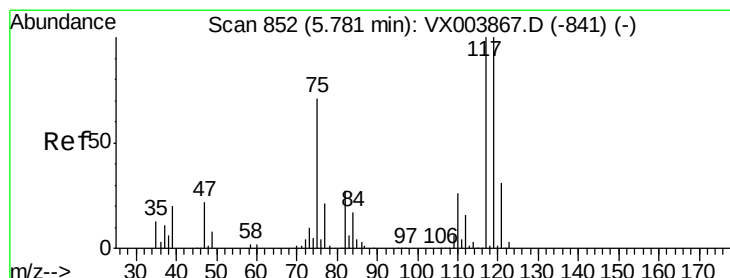
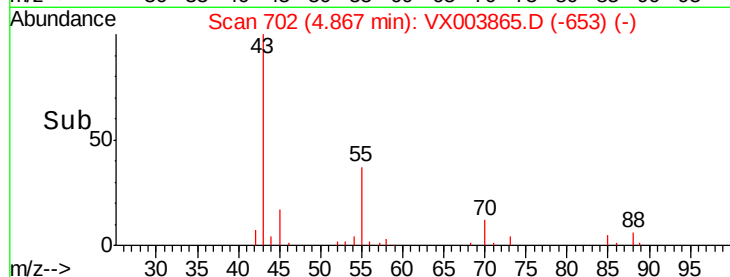
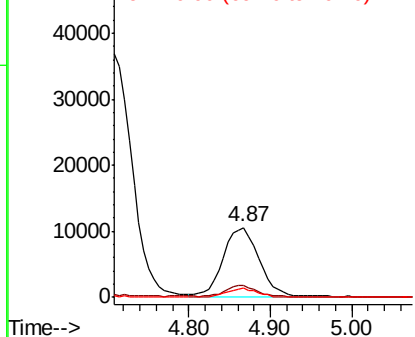
#37
Ethyl Acetate
Concen: 4.849 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 31734
Ion Ratio Lower Upper
43 100
61 16.4 11.5 17.3
70 11.6 9.0 13.4

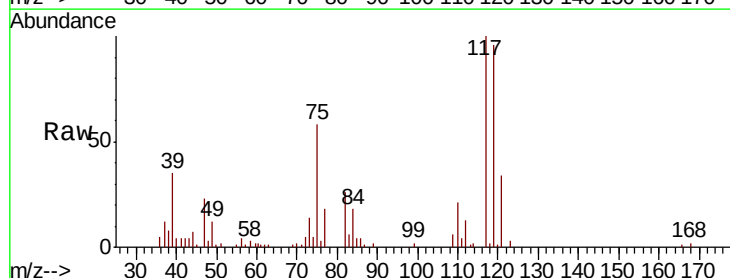


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

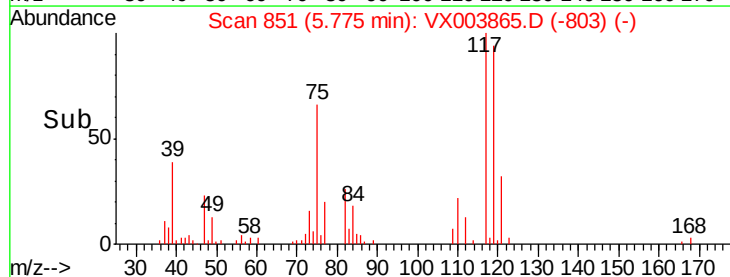
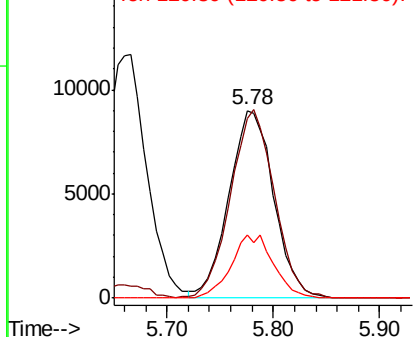


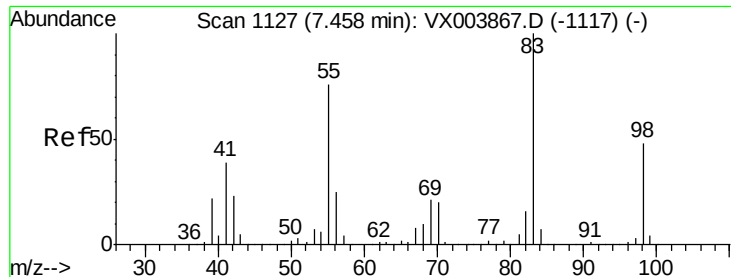
#38
Carbon Tetrachloride
Concen: 4.643 ug/l
RT: 5.78 min Scan# 851
Delta R.T. -0.01 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 117 Resp: 26520
Ion Ratio Lower Upper
117 100
119 96.0 79.5 119.3
121 33.8 25.0 37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

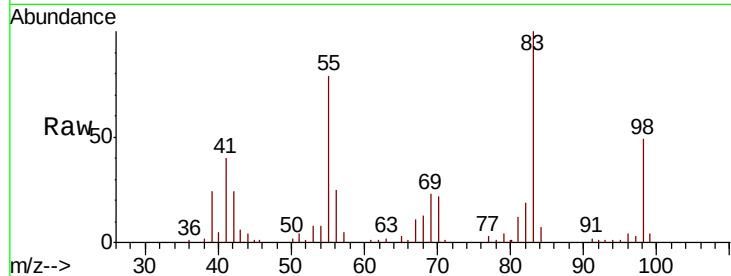




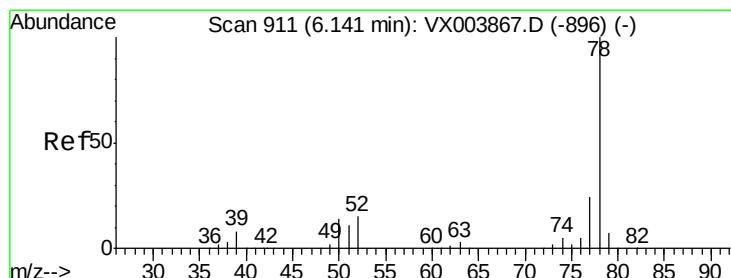
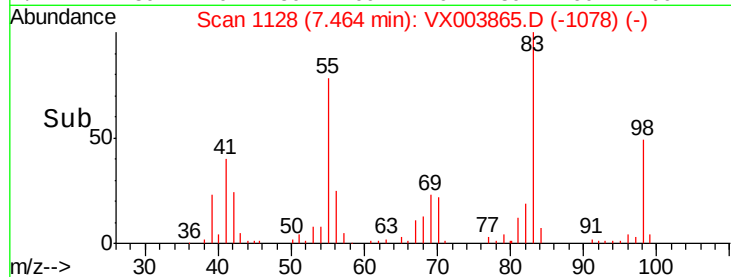
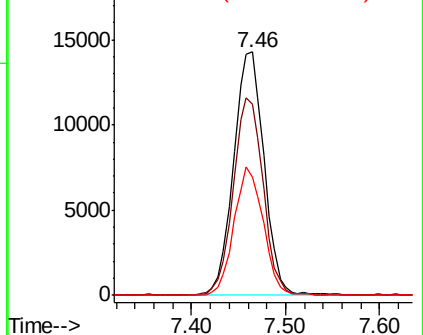
#39
Methylvlcyclohexane
Concen: 4.898 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 83 Resp: 32205
Ion Ratio Lower Upper
83 100
55 78.5 61.0 91.6
98 48.8 38.6 57.8

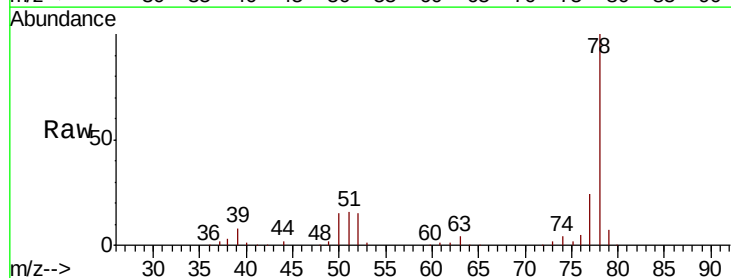


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

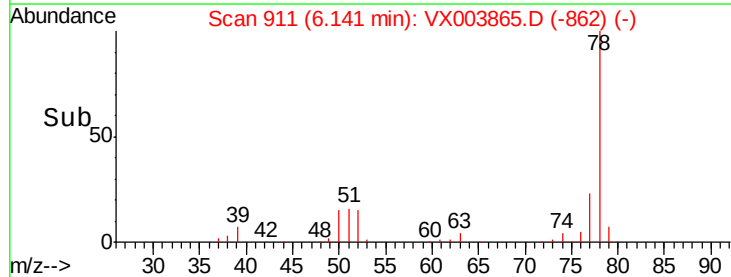
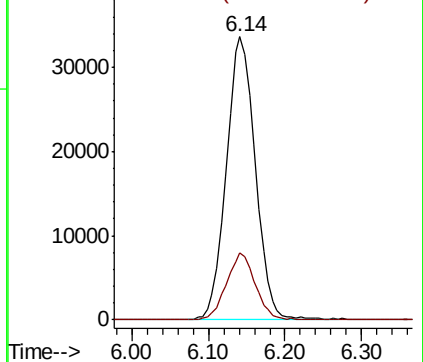


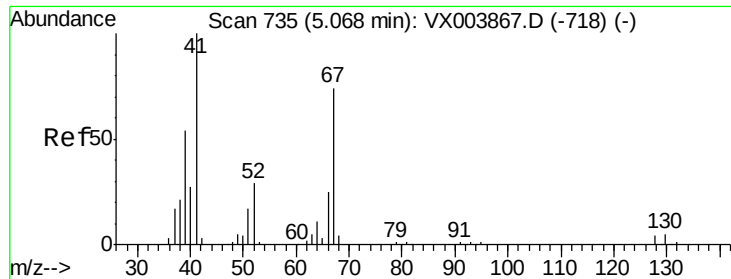
#40
Benzene
Concen: 5.012 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 78 Resp: 88253
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4



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

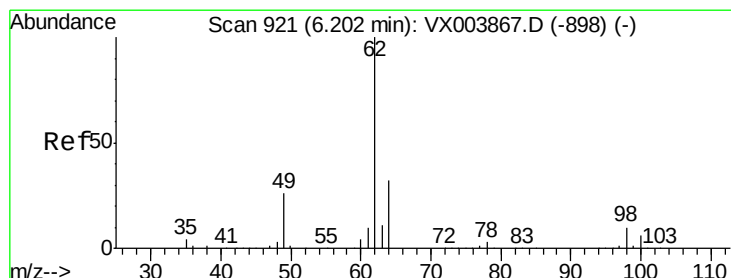
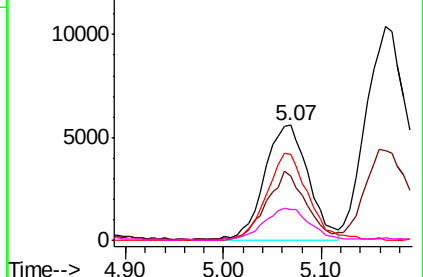
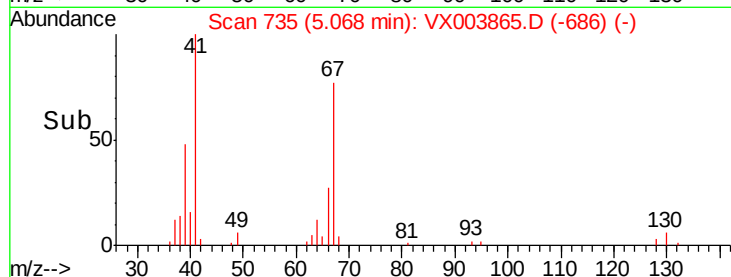
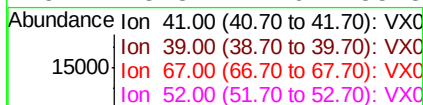
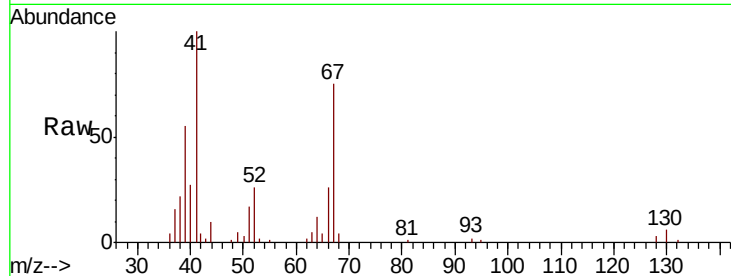




#41
Methacrylonitrile
Concen: 5.008 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

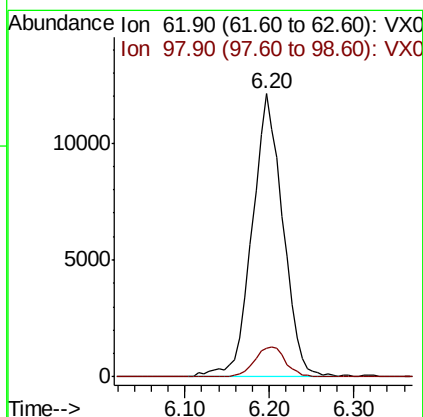
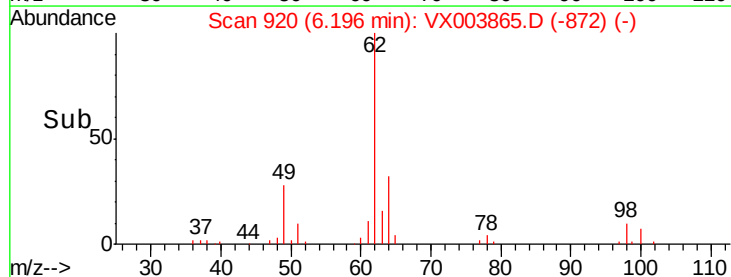
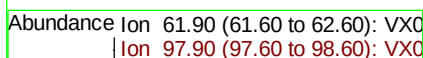
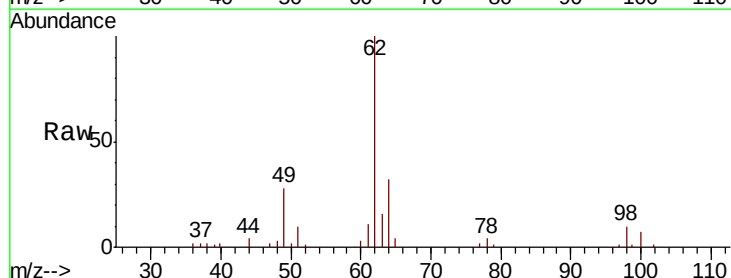
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

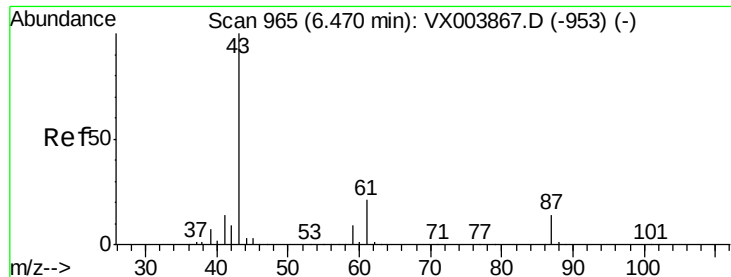
Tot Ion:	41	Resp:	17691
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.7	64.1
67	70.5	58.9	88.3
52	28.8	22.6	33.8



#42
1,2-Dichloroethane
Concen: 5.122 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion:	62	Resp:	30173
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 4.700 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

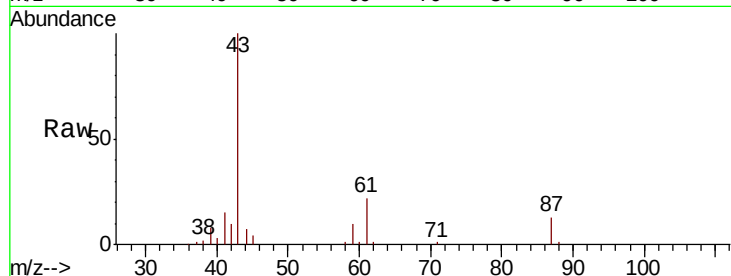
MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 46145

Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.9	25.3
87	13.7	11.3	16.9

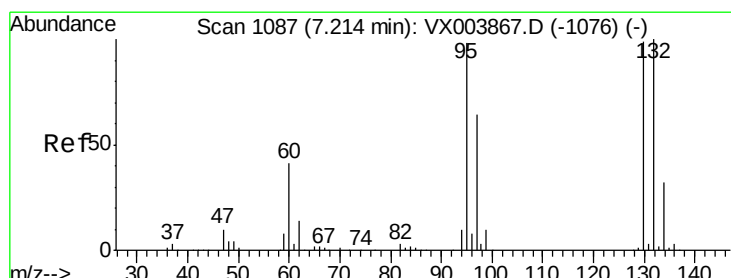
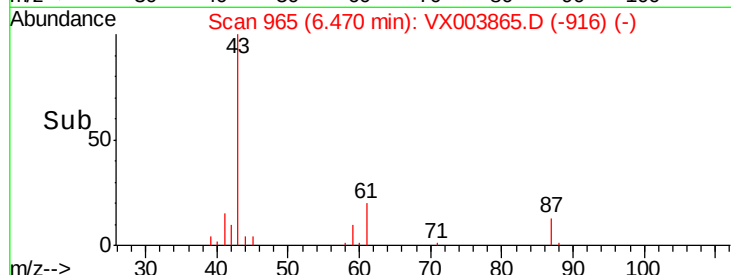
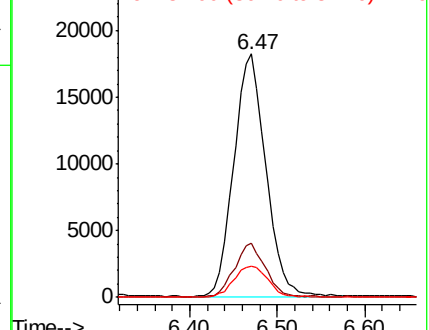


Abundance

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: 5.081 ug/l

RT: 7.21 min Scan# 1087

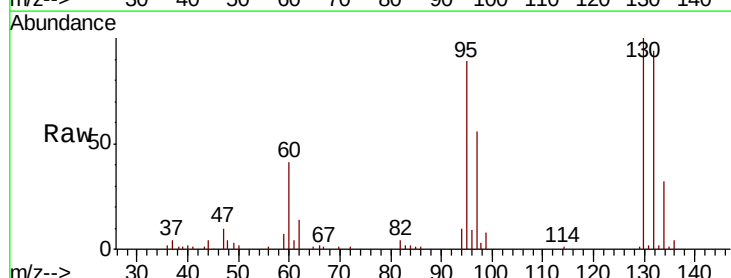
Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Tgt Ion: 130 Resp: 24153

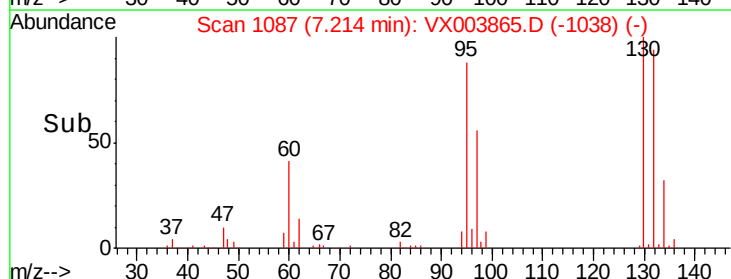
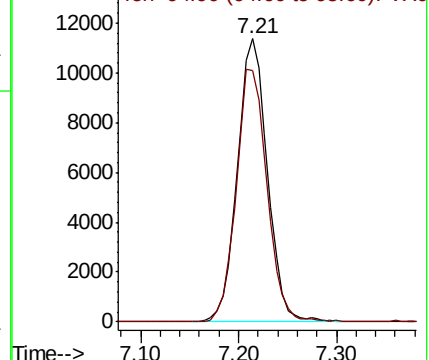
Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	199.4

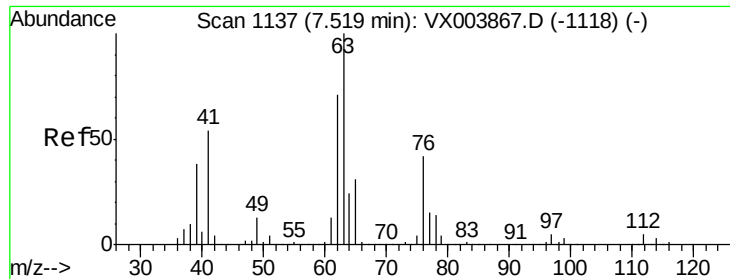


Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

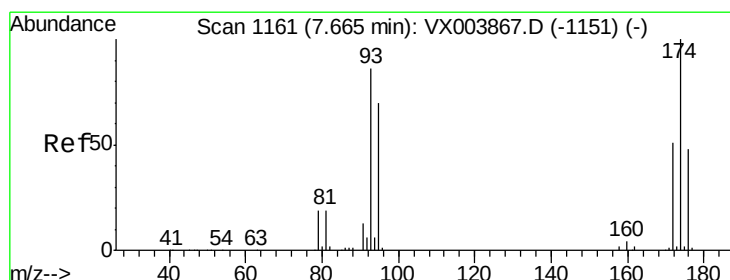
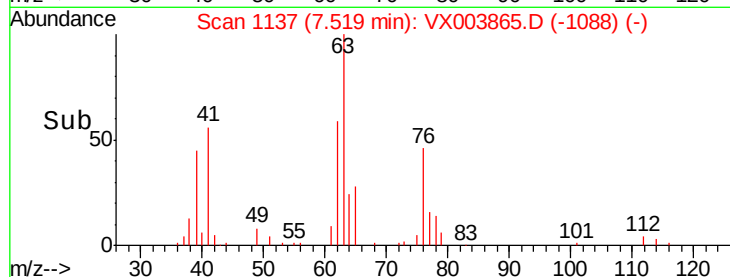
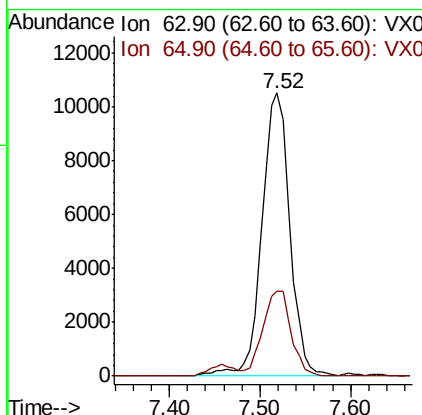
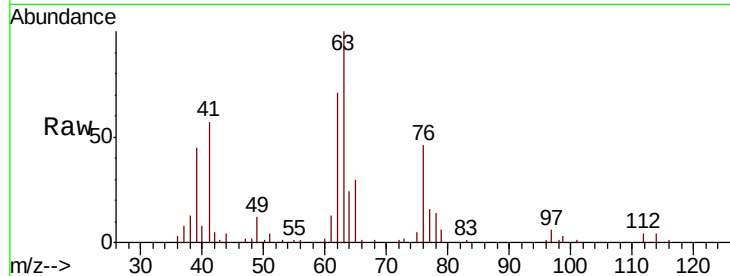




#45
 1,2-Dichloropropane
 Concen: 4.908 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

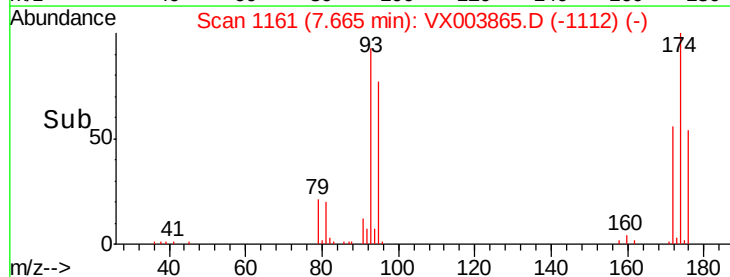
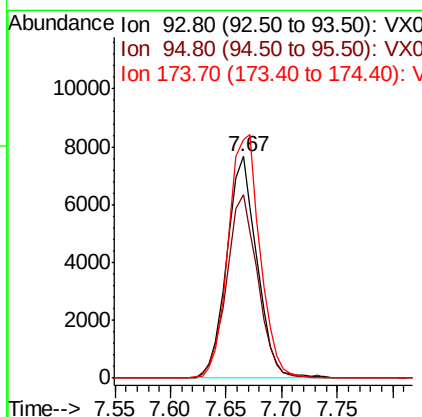
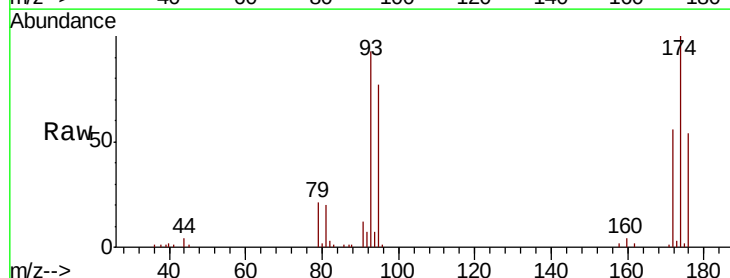
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

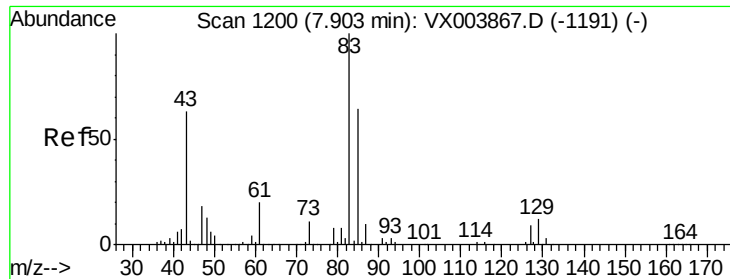
Tot Ion: 63 Resp: 22367
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.6 36.8



#46
 Dibromomethane
 Concen: 4.906 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion: 93 Resp: 14359
 Ion Ratio Lower Upper
 93 100
 95 85.5 66.4 99.6
 174 116.0 94.3 141.5





#47

Bromodichloromethane

Concen: 4.750 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

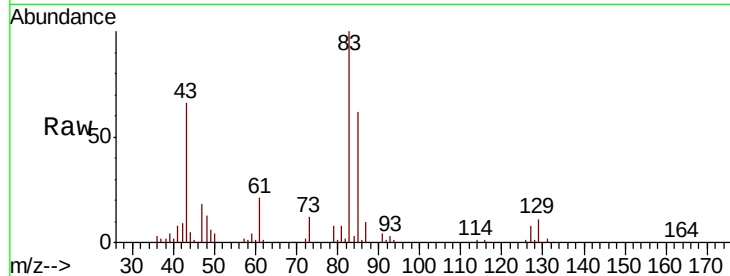
Tot Ion: 83 Resp: 26270

Ion Ratio Lower Upper

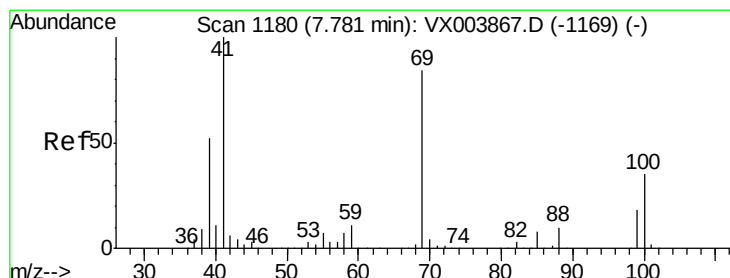
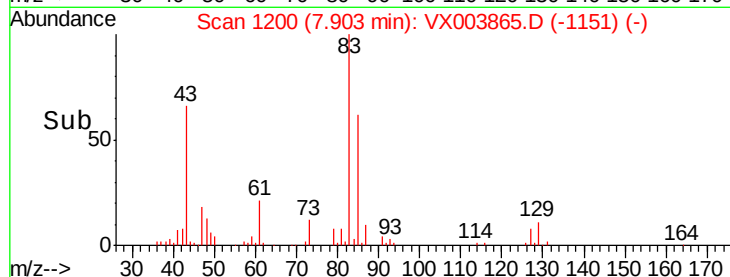
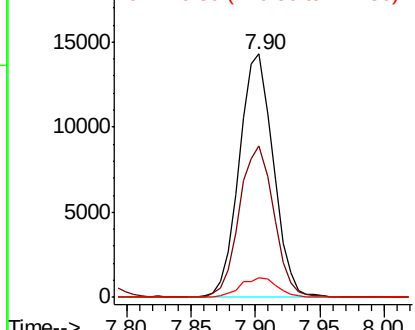
83 100

85 62.1 51.2 76.8

127 8.2 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: 4.518 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

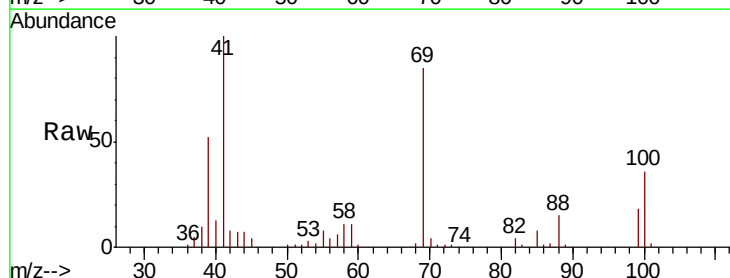
Tgt Ion: 41 Resp: 22414

Ion Ratio Lower Upper

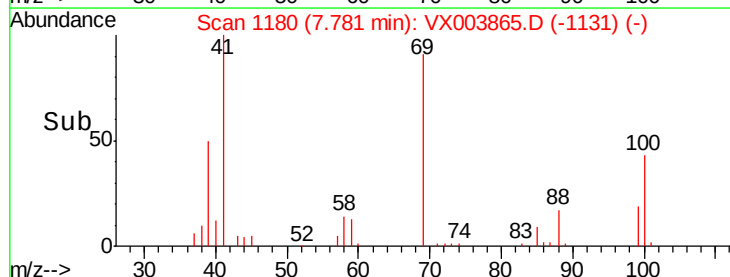
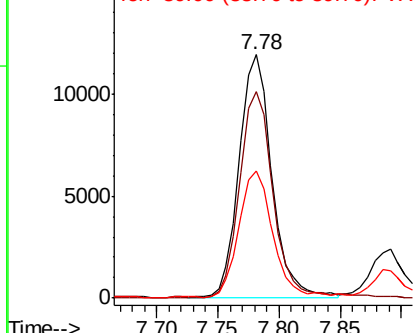
41 100

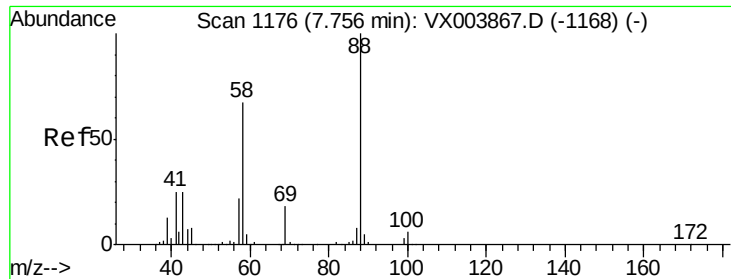
69 87.5 68.8 103.2

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

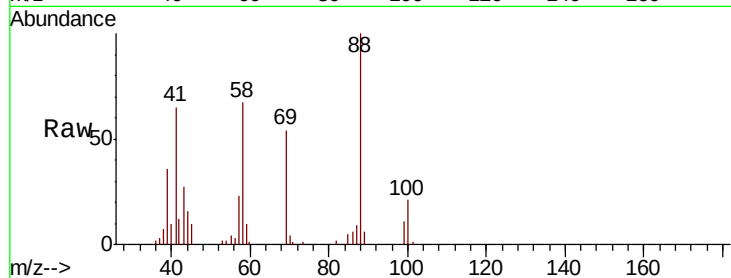




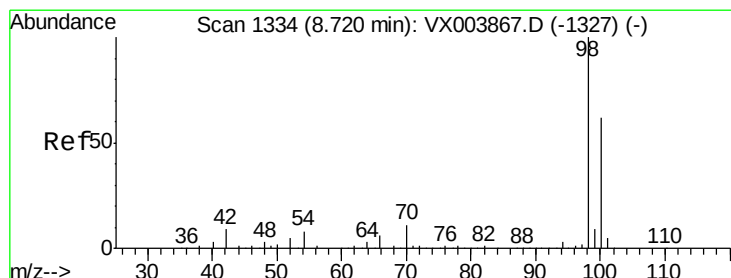
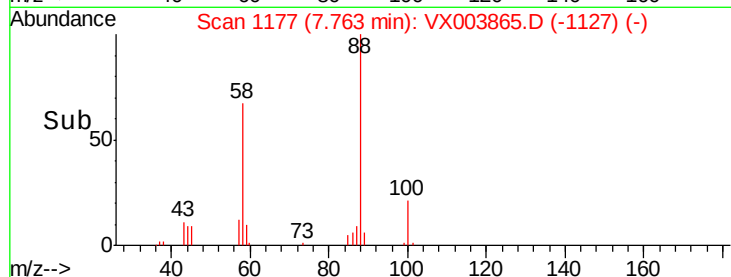
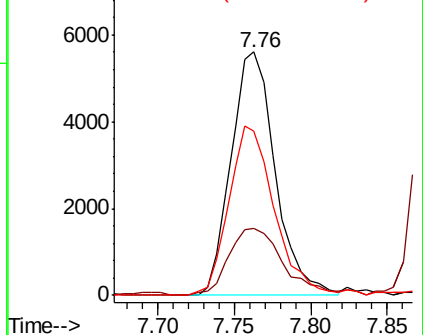
#49
1,4-Dioxane
Concen: 95.634 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 88 Resp: 11228
Ion Ratio Lower Upper
88 100
43 34.4 23.8 35.8
58 71.2 55.4 83.0

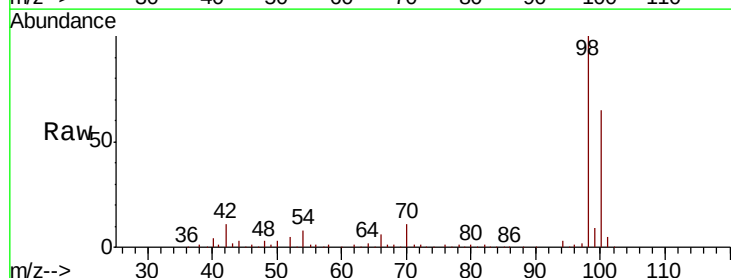


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

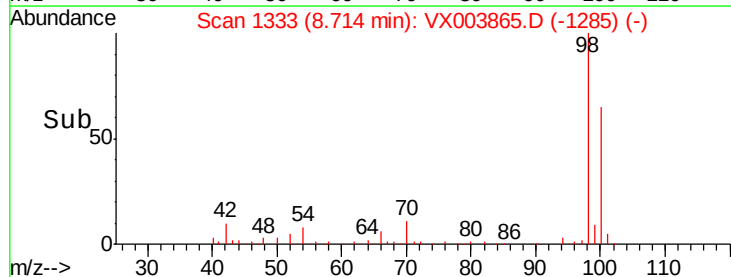
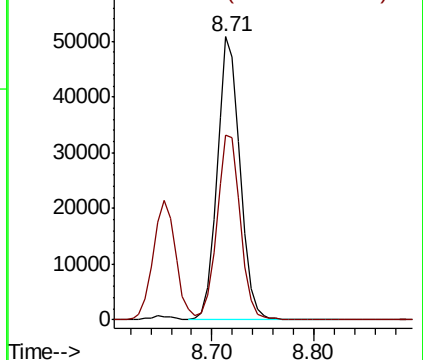


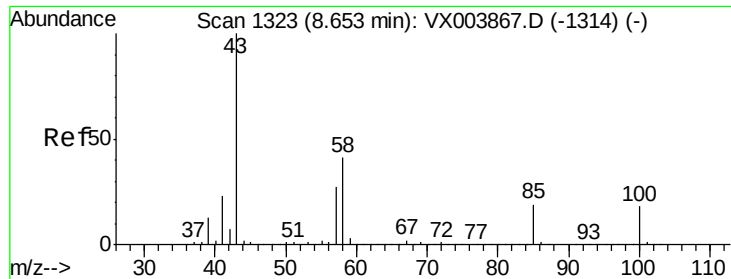
#50
Toluene-d8
Concen: 4.983 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 98 Resp: 79322
Ion Ratio Lower Upper
98 100
100 66.3 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 23.602 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

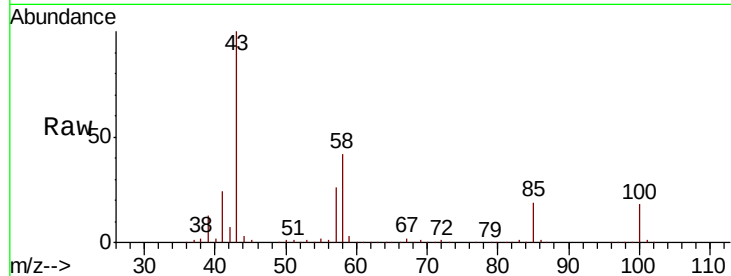
VSTDIC005

Tot Ion: 43 Resp: 193059

Ion Ratio Lower Upper

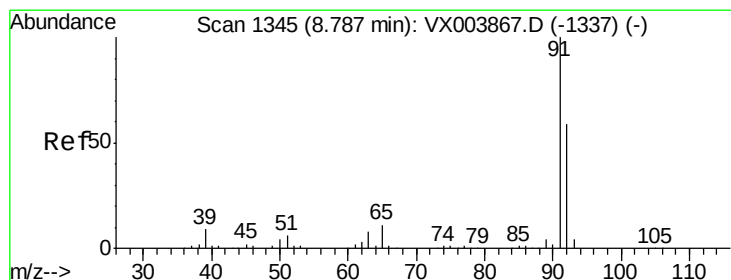
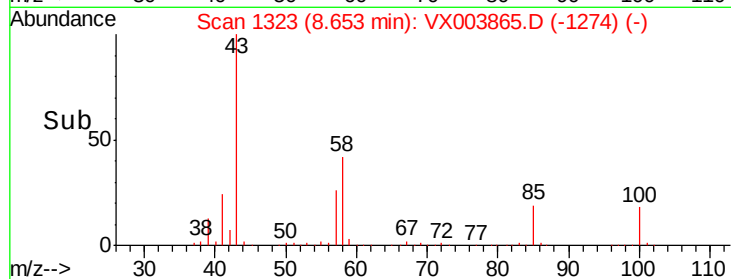
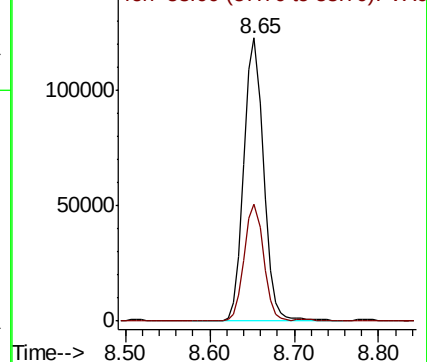
43 100

58 40.6 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: 5.042 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003865.D

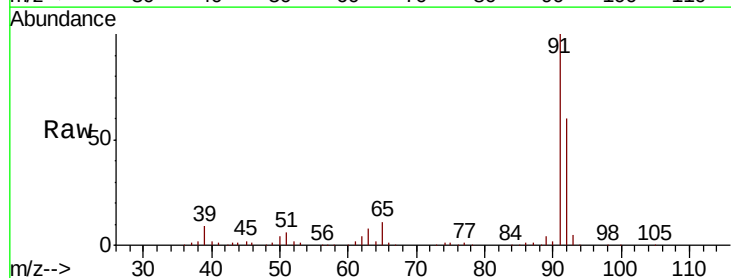
Acq: 06 Aug 2018 16:53

Tgt Ion: 92 Resp: 54881

Ion Ratio Lower Upper

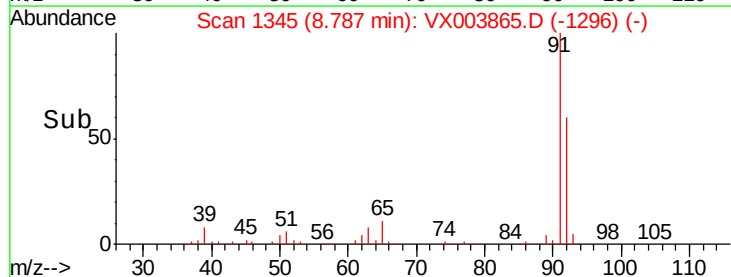
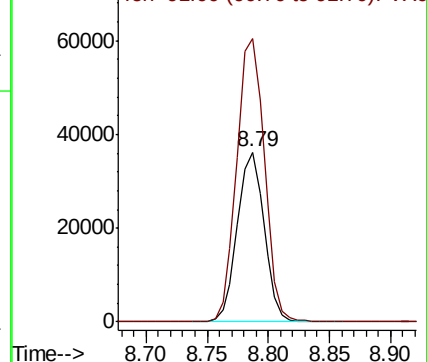
92 100

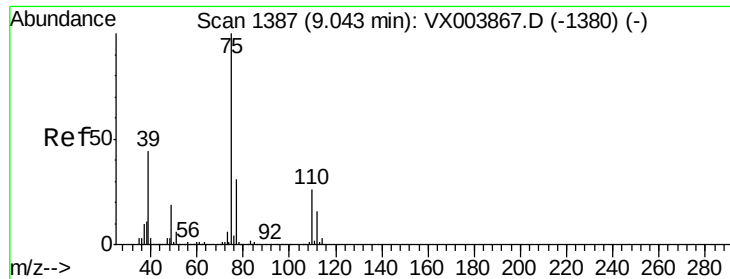
91 172.9 136.1 204.1



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: 4.646 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

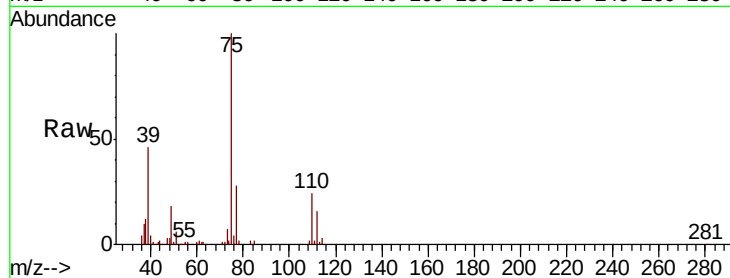
VSTDIC005

Tot Ion: 75 Resp: 28113

Ion Ratio Lower Upper

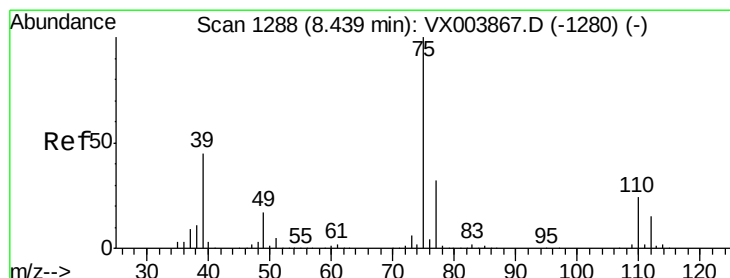
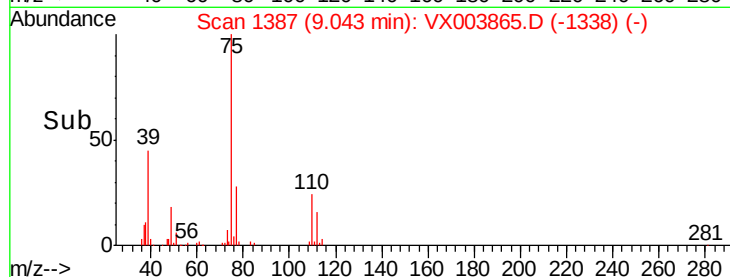
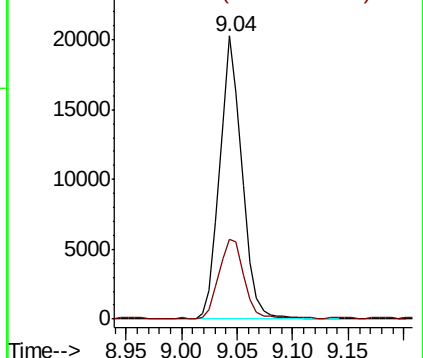
75 100

77 28.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.787 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

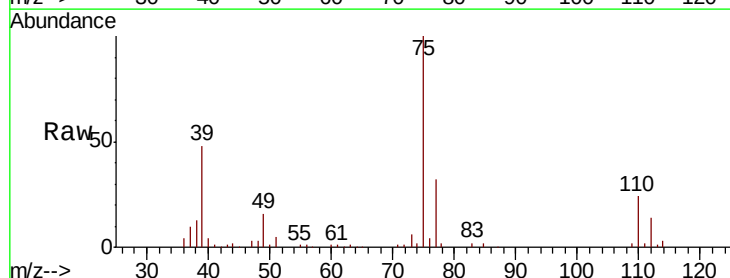
Tgt Ion: 75 Resp: 31609

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

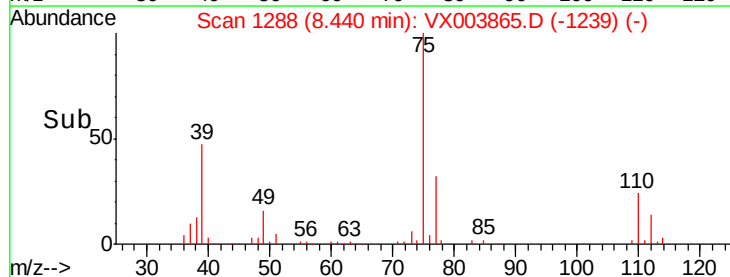
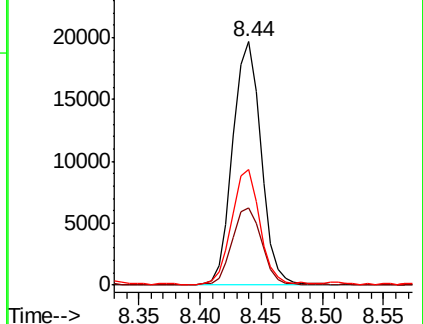
39 47.2 36.2 54.2

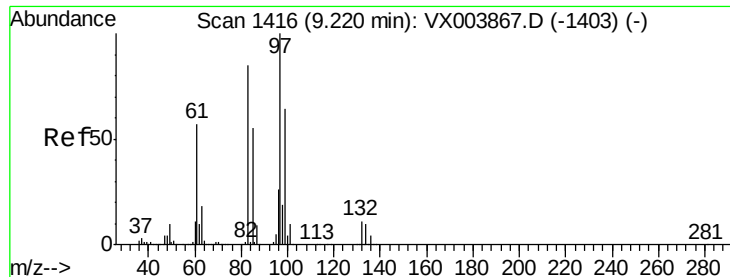


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

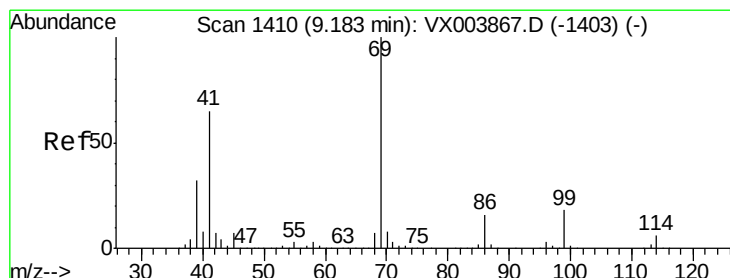
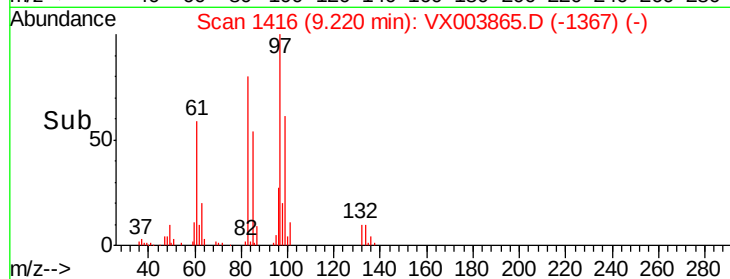
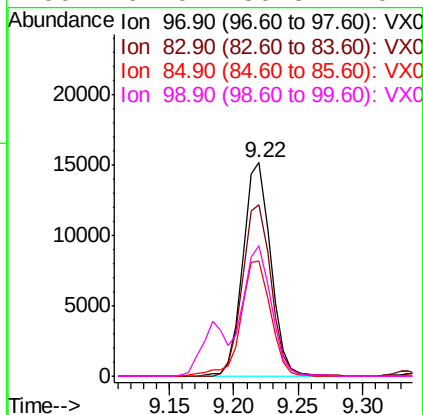
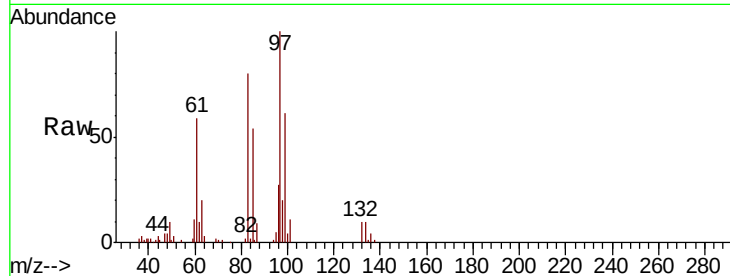




#55
 1,1,2-Trichloroethane
 Concen: 4.945 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

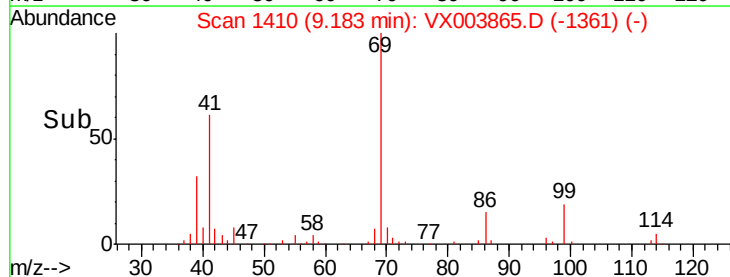
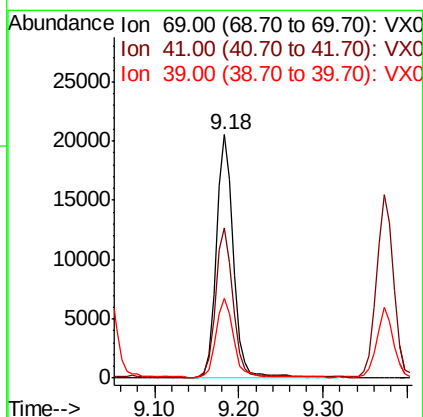
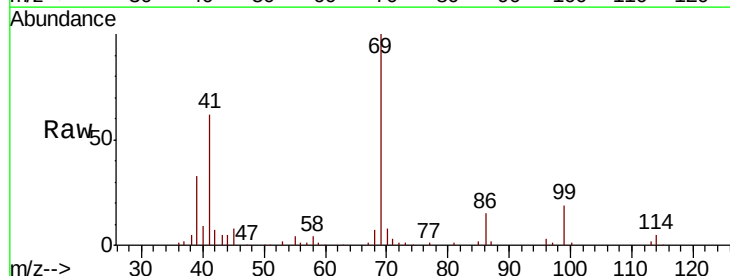
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

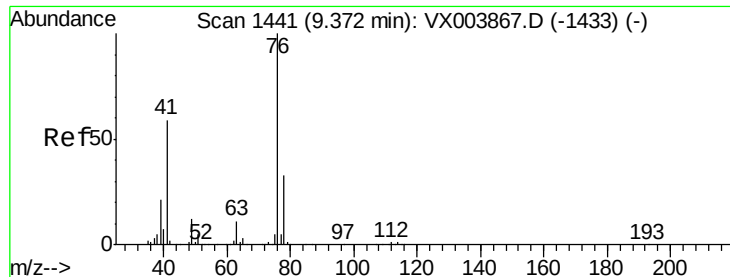
Tot Ion:	97	Resp:	22602
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.8	101.6
85	54.2	44.2	66.2
99	61.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 4.549 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion:	69	Resp:	29135
Ion	Ratio	Lower	Upper
69	100		
41	61.5	50.6	76.0
39	32.9	25.8	38.6

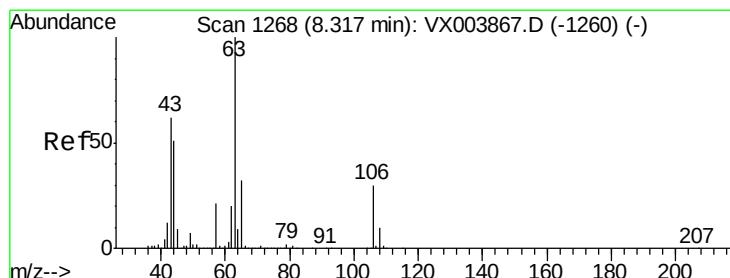
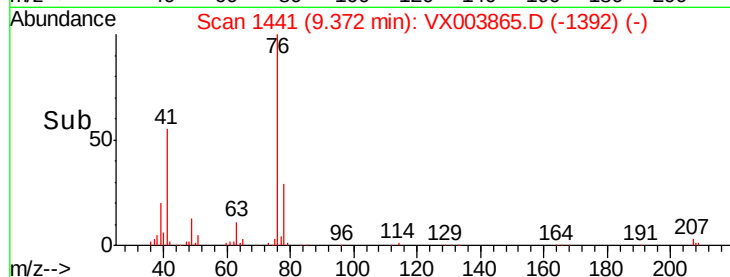
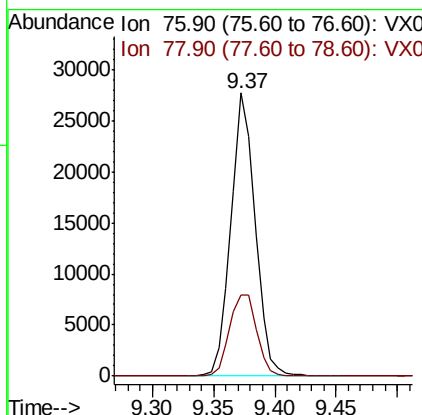
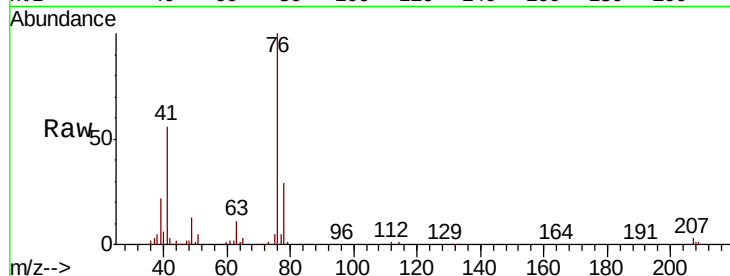




#57
 1,3-Dichloropropane
 Concen: 5.119 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

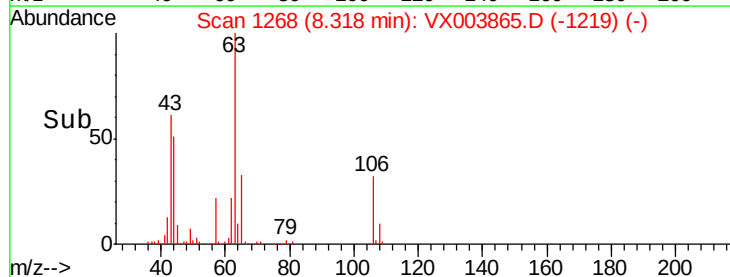
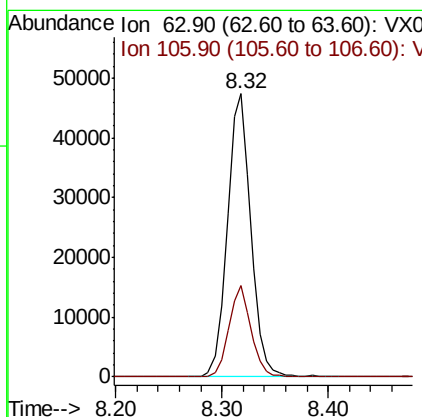
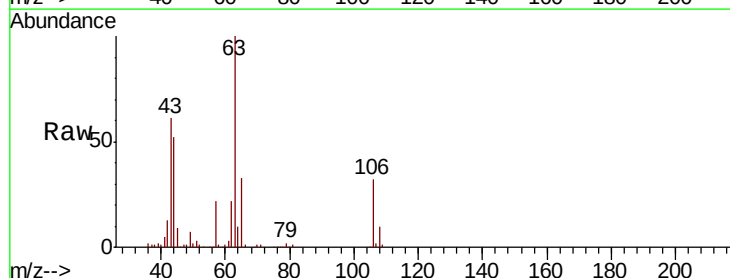
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

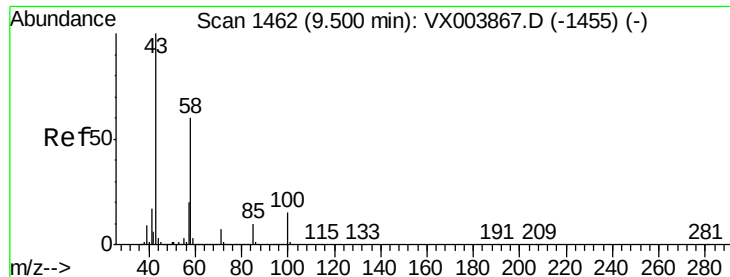
Tot Ion: 76 Resp: 37987
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.346 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion: 63 Resp: 73100
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.8 35.8

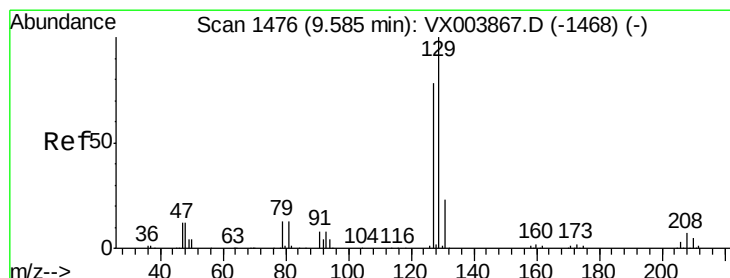
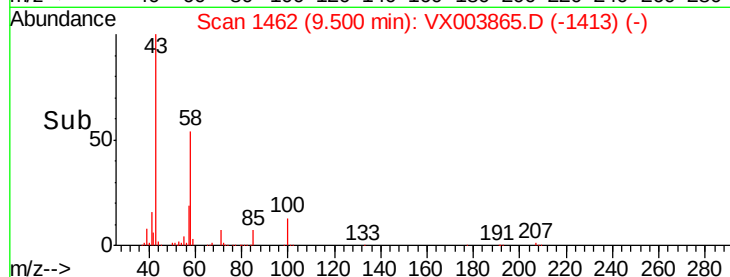
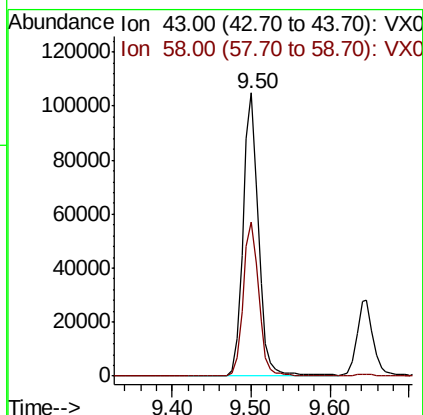
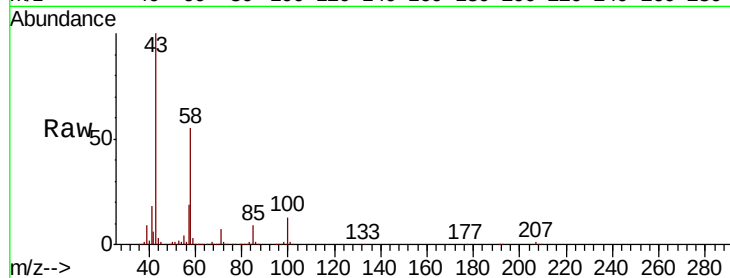




#59
2-Hexanone
Concen: 22.875 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

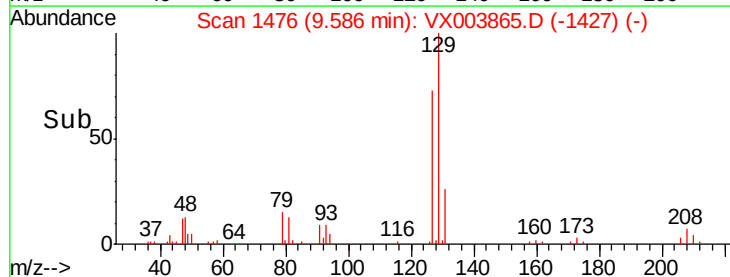
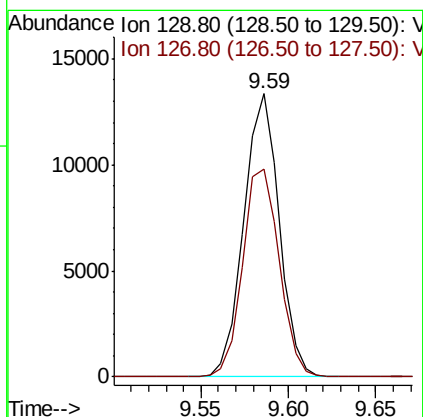
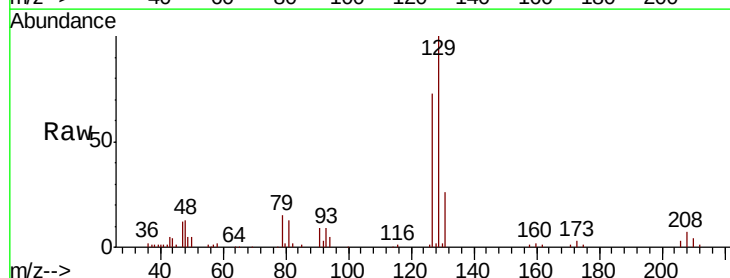
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

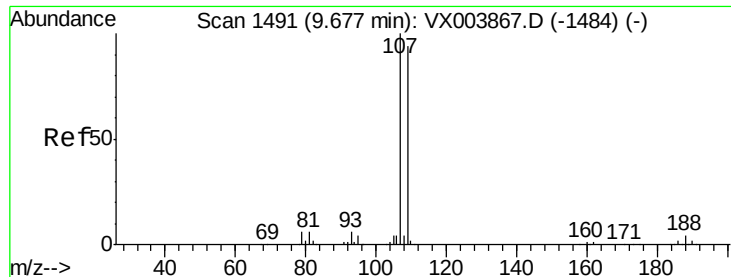
Tot Ion: 43 Resp: 142684
Ion Ratio Lower Upper
43 100
58 54.8 29.0 87.0



#60
Dibromochloromethane
Concen: 4.229 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 129 Resp: 18791
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 4.676 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

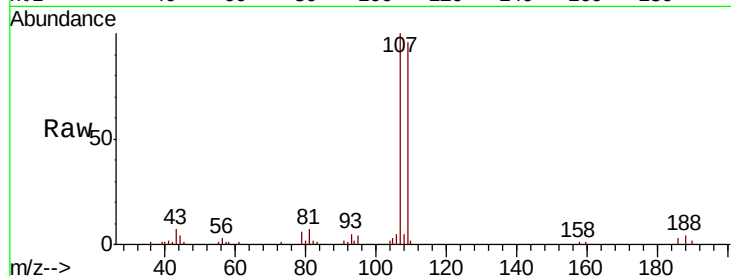
VSTDIC005

Tot Ion:107 Resp: 21769

Ion Ratio Lower Upper

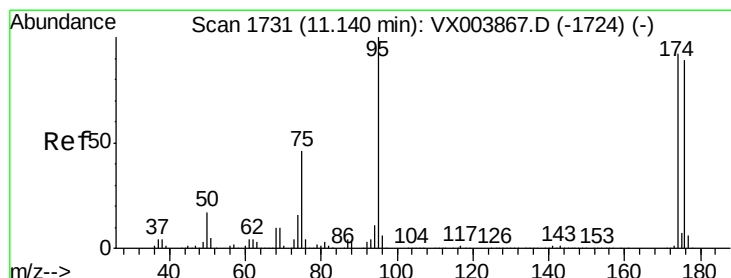
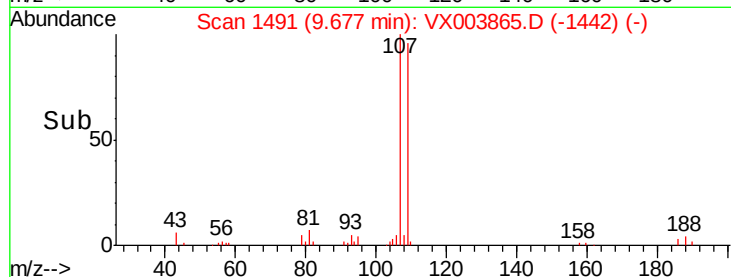
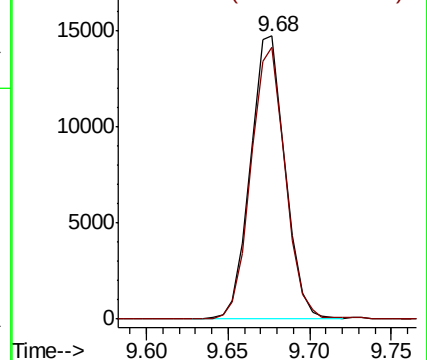
107 100

109 95.3 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: 4.157 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

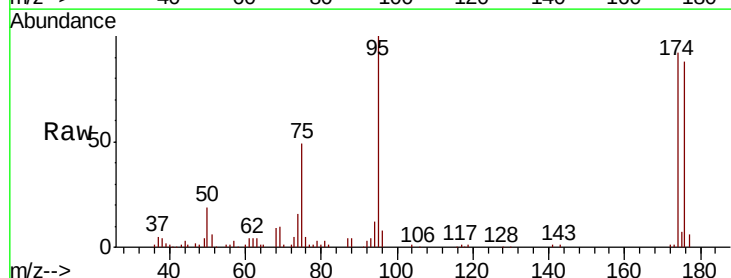
Tgt Ion: 95 Resp: 23114

Ion Ratio Lower Upper

95 100

174 88.8 0.0 182.8

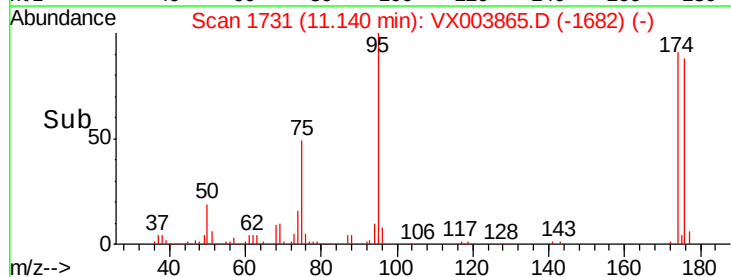
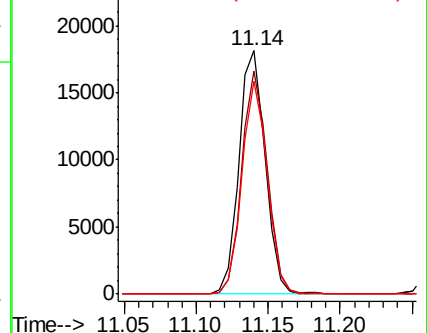
176 84.3 0.0 179.0

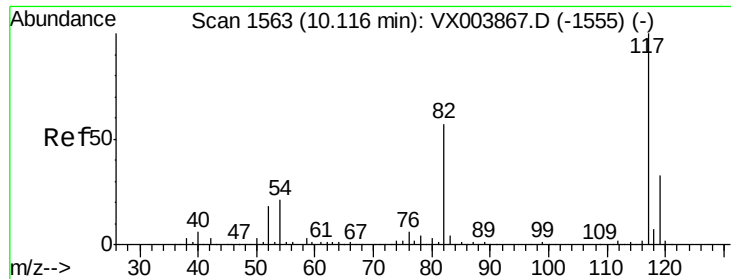


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

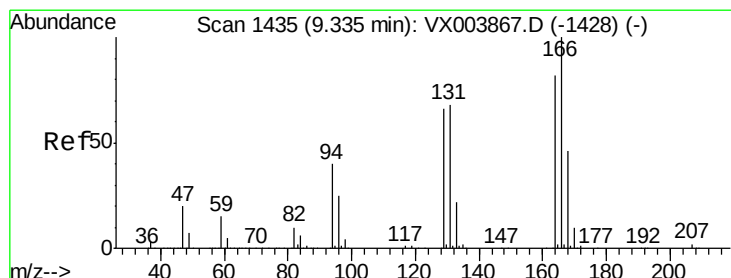
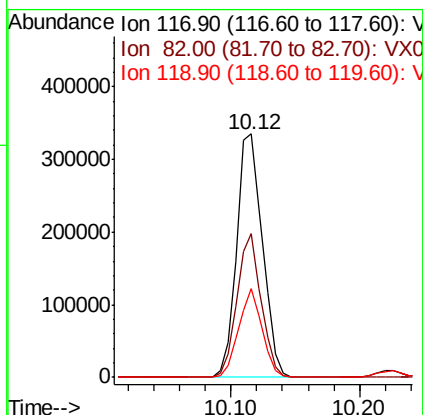
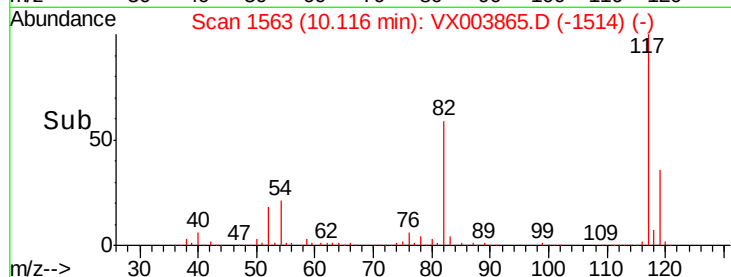
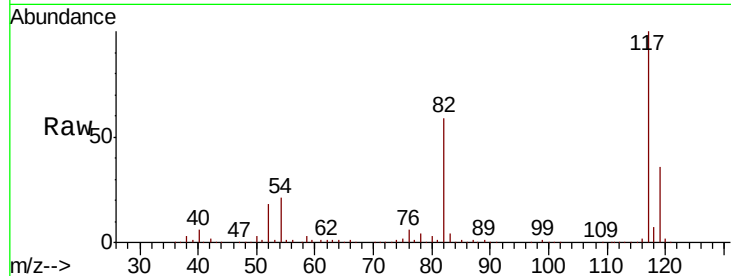




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

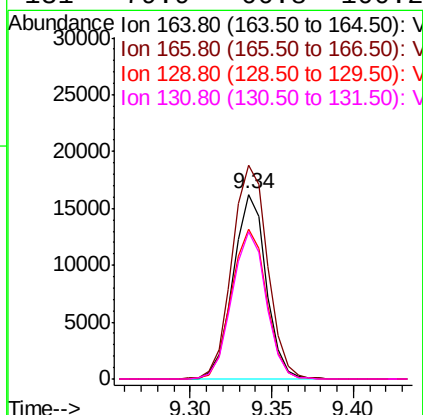
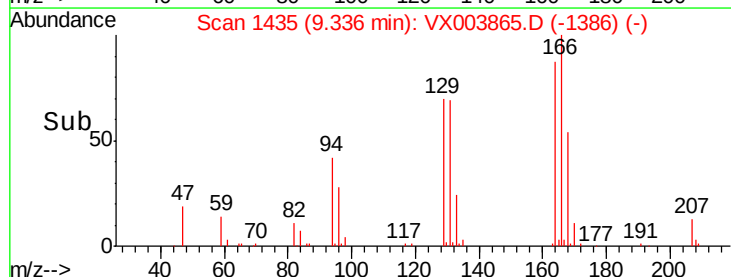
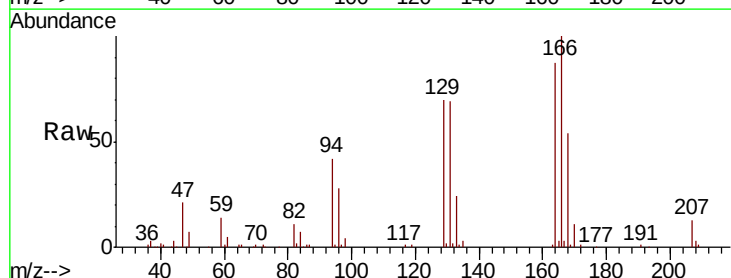
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

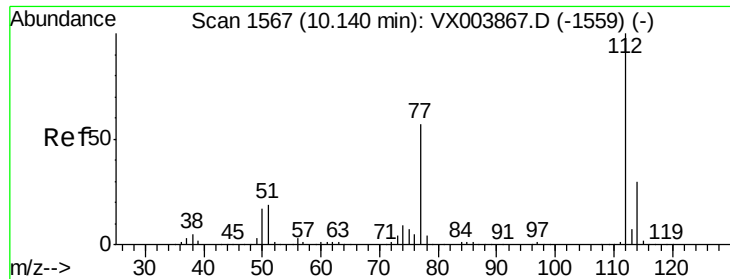
Tot Ion:117 Resp: 465692
Ion Ratio Lower Upper
117 100
82 59.1 45.4 68.0
119 36.2 26.6 40.0



#64
Tetrachloroethene
Concen: 5.299 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion:164 Resp: 22847
Ion Ratio Lower Upper
164 100
166 115.6 98.0 147.0
129 81.3 64.3 96.5
131 79.9 66.8 100.2

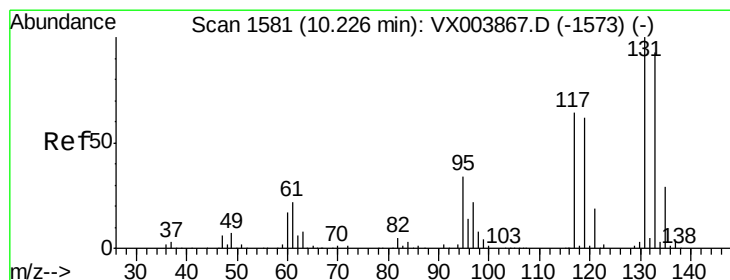
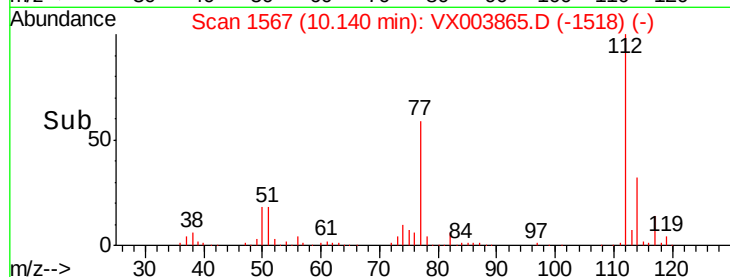
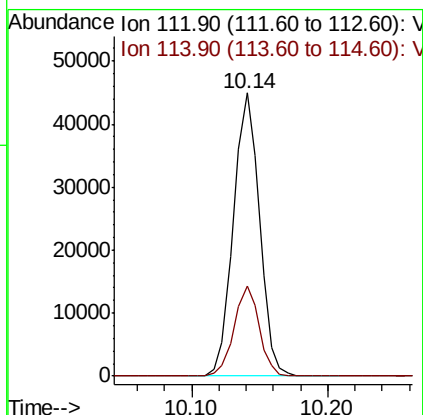
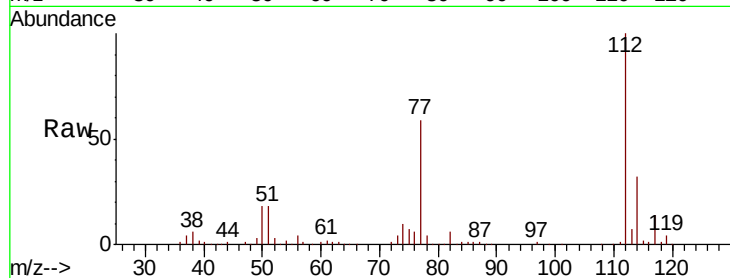




#65
Chlorobenzene
Concen: 5.170 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

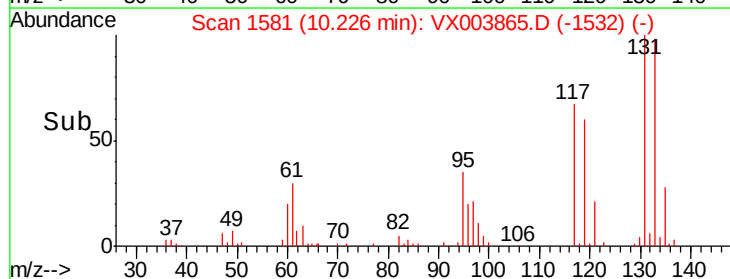
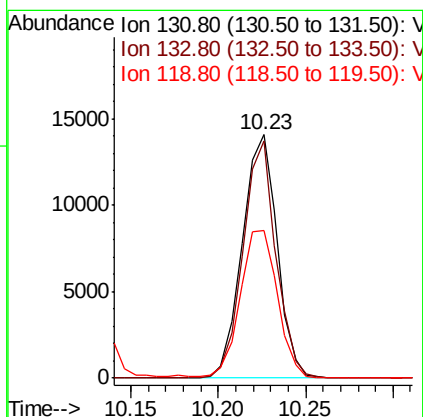
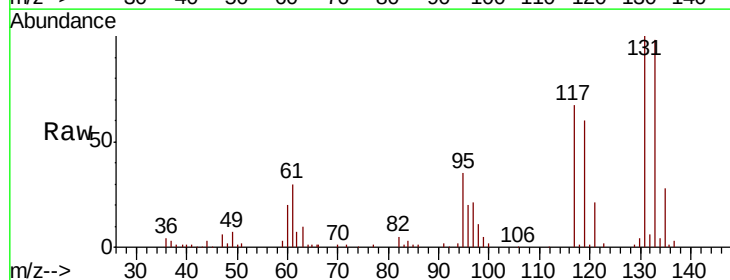
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

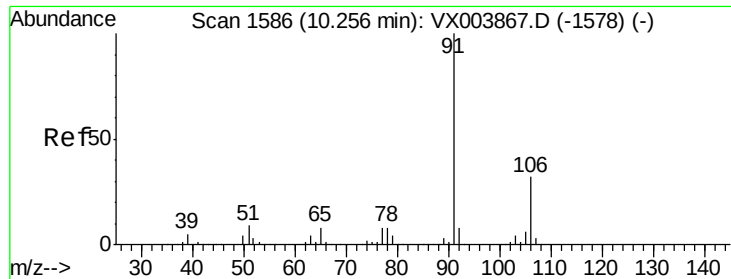
Tot Ion:112 Resp: 60025
Ion Ratio Lower Upper
112 100
114 31.6 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 4.798 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion:131 Resp: 19547
Ion Ratio Lower Upper
131 100
133 91.9 47.3 141.8
119 64.7 31.6 94.8

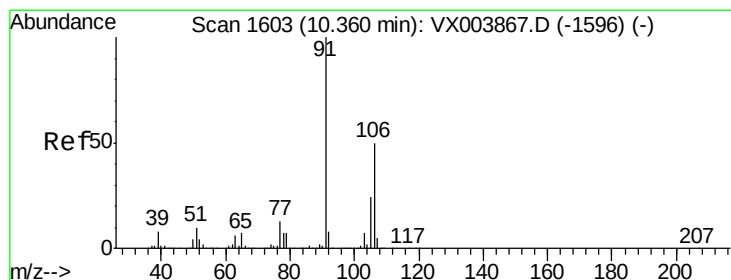
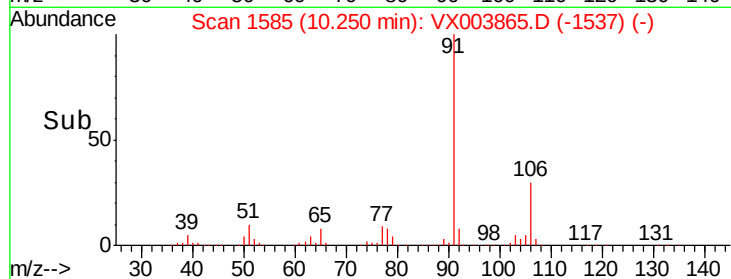
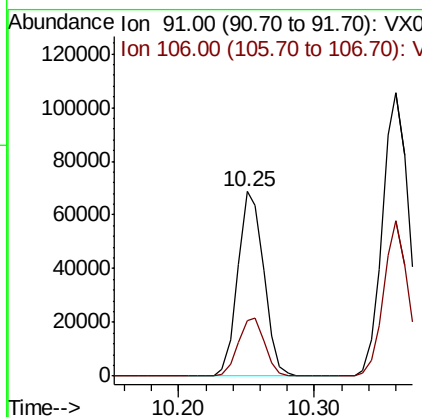
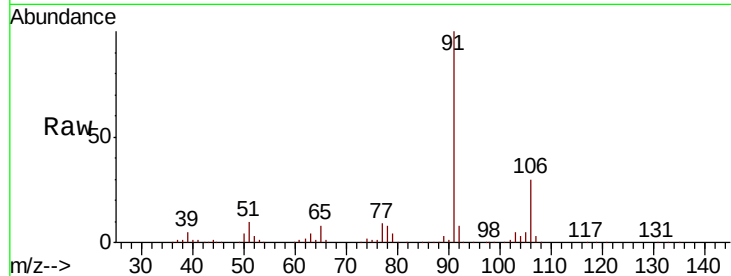




#67
Ethyl Benzene
Concen: 4.917 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

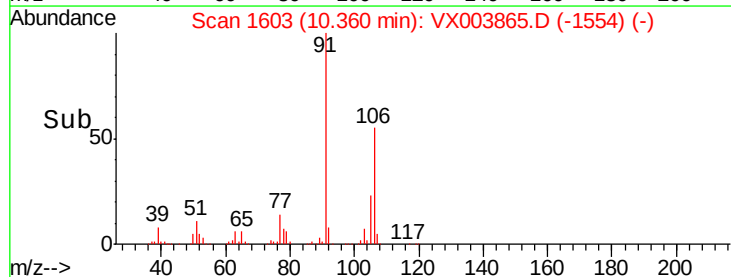
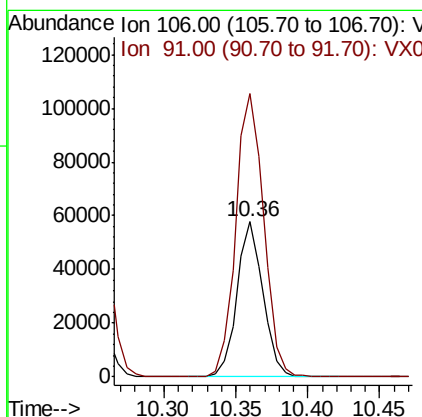
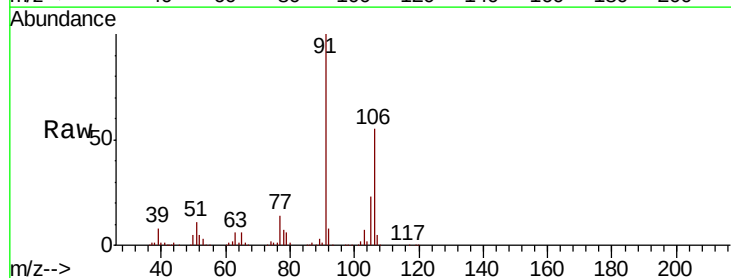
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

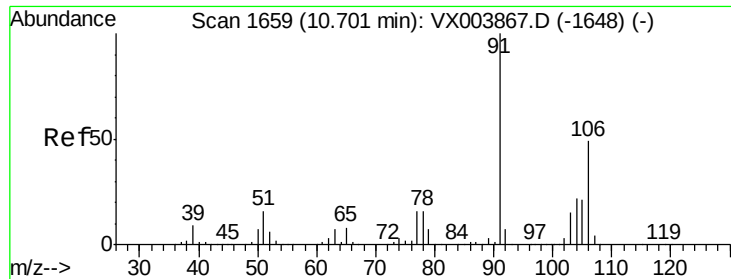
Tot Ion: 91 Resp: 91808
Ion Ratio Lower Upper
91 100
106 30.0 25.9 38.9



#68
m/p-Xylenes
Concen: 9.978 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion: 106 Resp: 72657
Ion Ratio Lower Upper
106 100
91 196.9 162.3 243.5

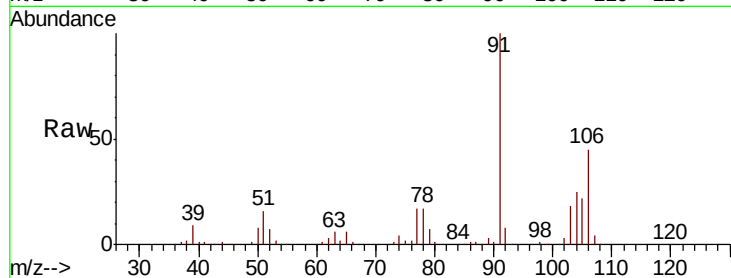




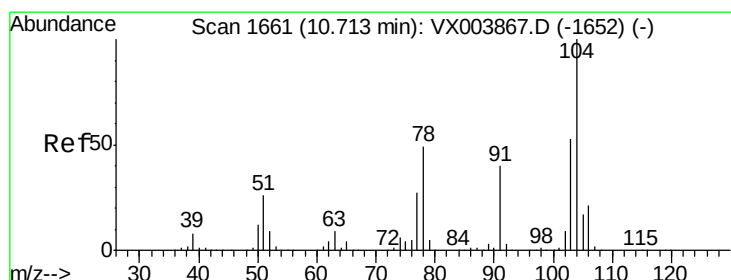
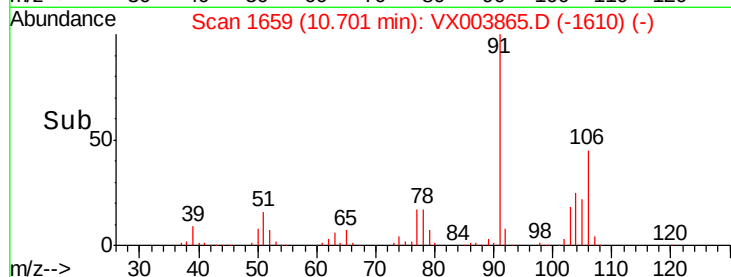
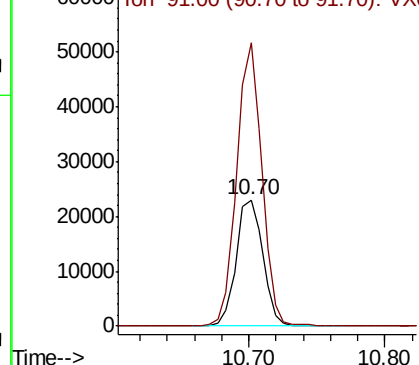
#69
o-Xylene
Concen: 4.480 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 31330
Ion Ratio Lower Upper
106 100
91 212.7 101.9 305.7

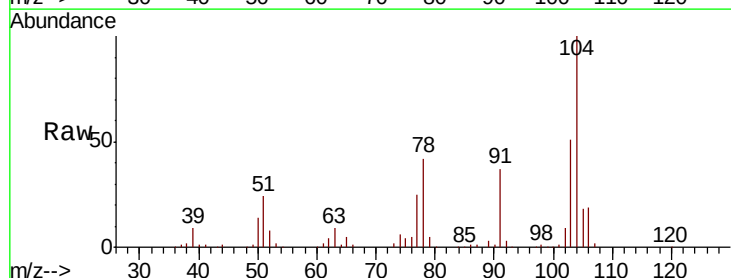


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

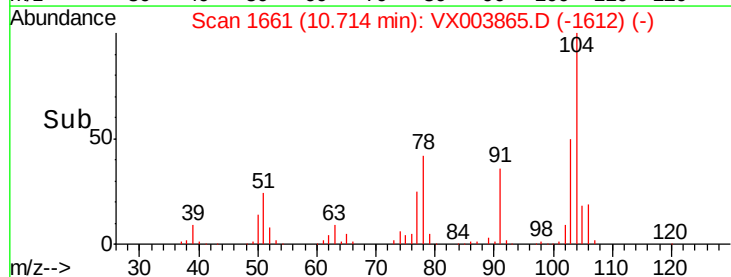
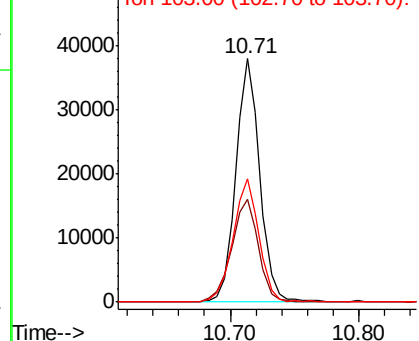


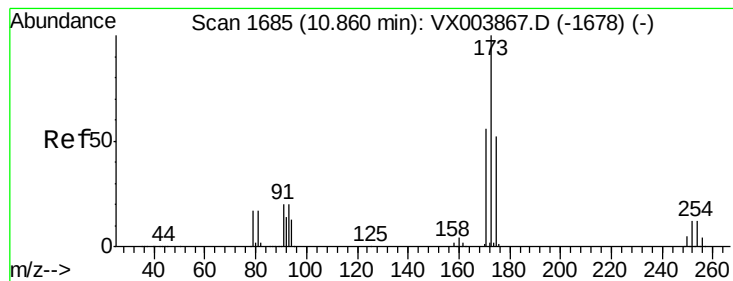
#70
Styrene
Concen: 4.286 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion:104 Resp: 49329
Ion Ratio Lower Upper
104 100
78 47.8 39.8 59.6
103 55.0 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 3.731 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

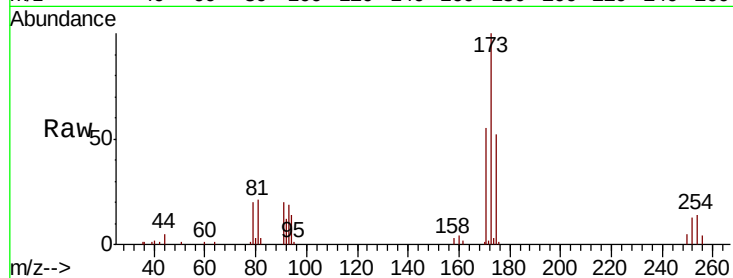
Tot Ion:173 Resp: 12352

Ion Ratio Lower Upper

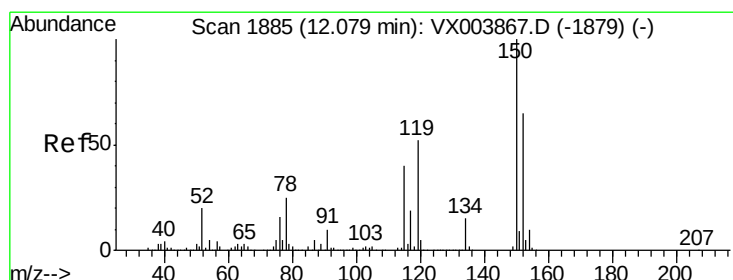
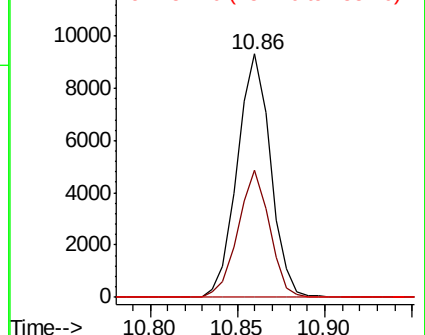
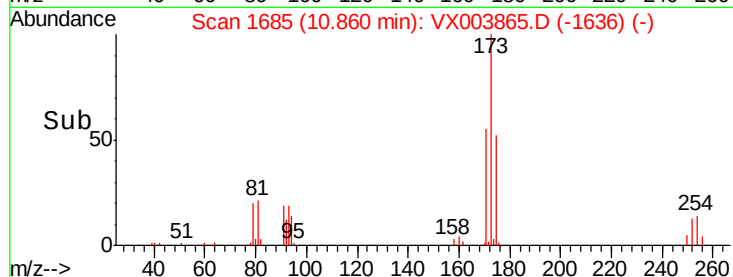
173 100

175 49.5 24.9 74.7

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

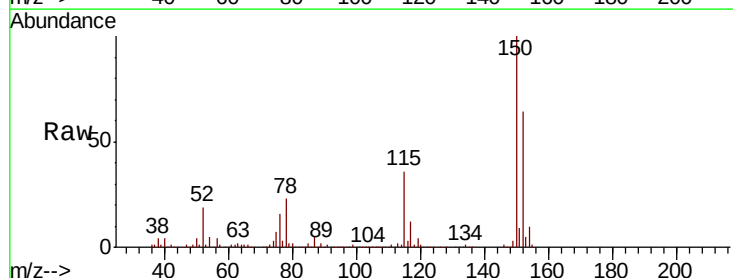
Tgt Ion:152 Resp: 241187

Ion Ratio Lower Upper

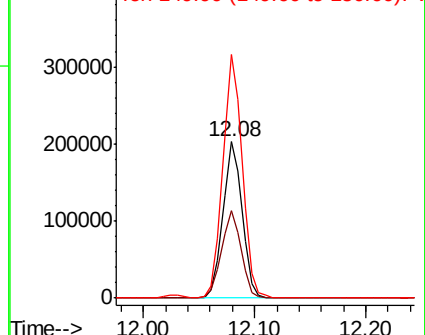
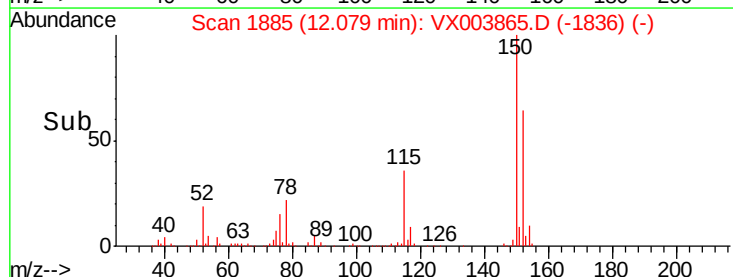
152 100

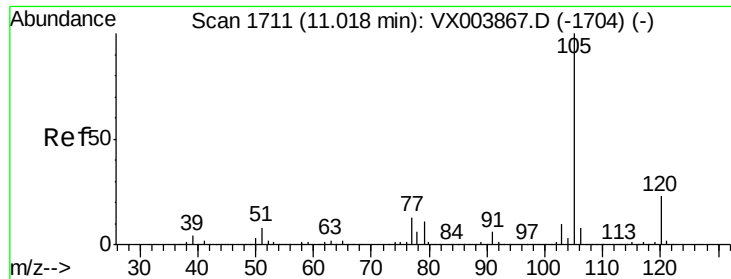
115 57.6 39.1 117.3

150 157.6 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: 5.090 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

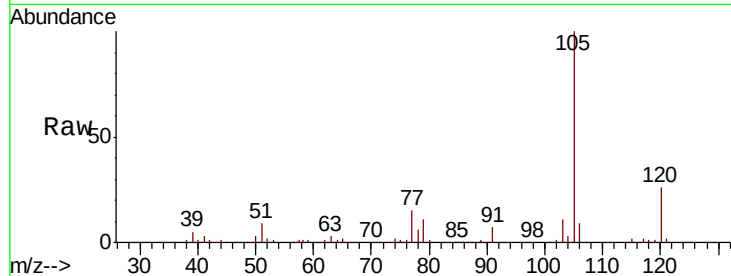
VSTDIC005

Tot Ion:105 Resp: 82005

Ion Ratio Lower Upper

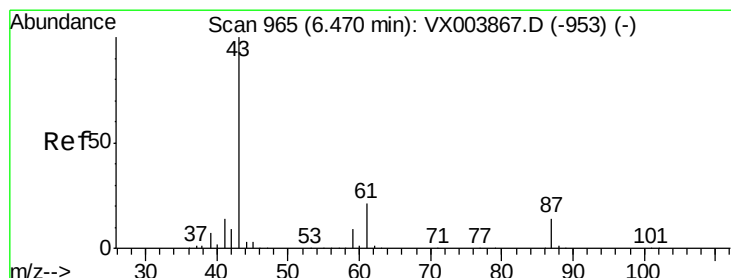
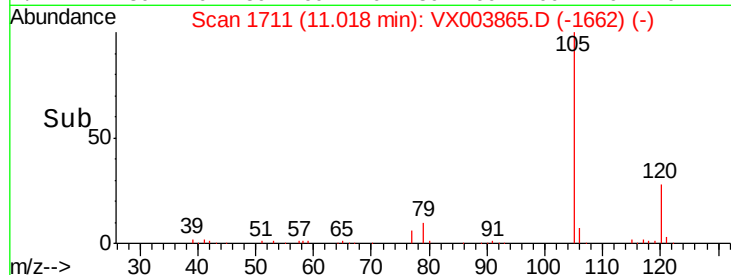
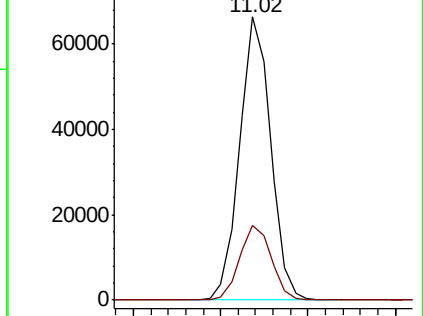
105 100

120 27.1 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 5.841 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Tgt Ion: 43 Resp: 46145

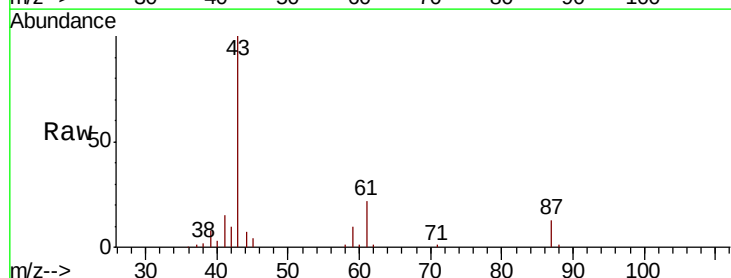
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 21.6 16.9 25.3

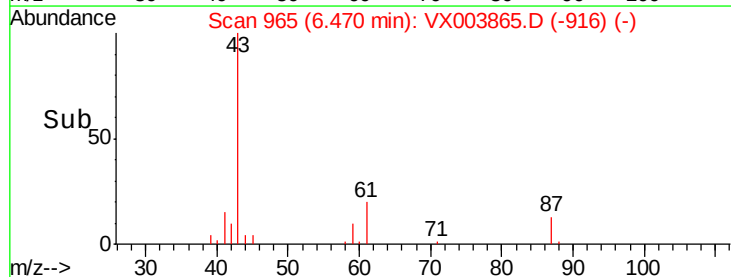
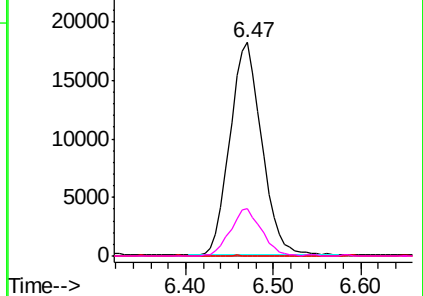


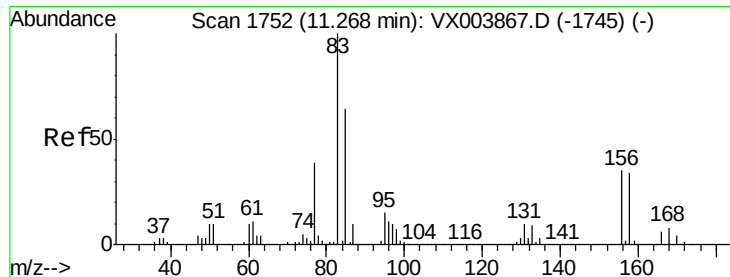
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.379 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

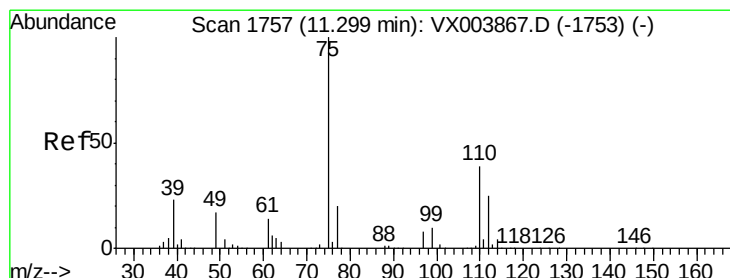
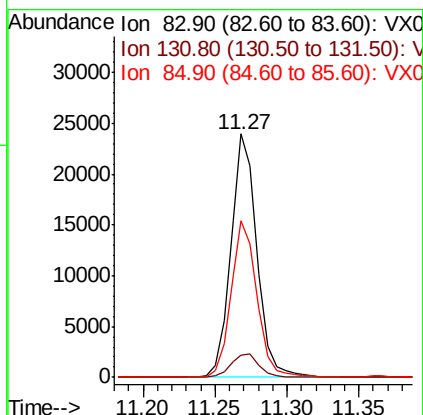
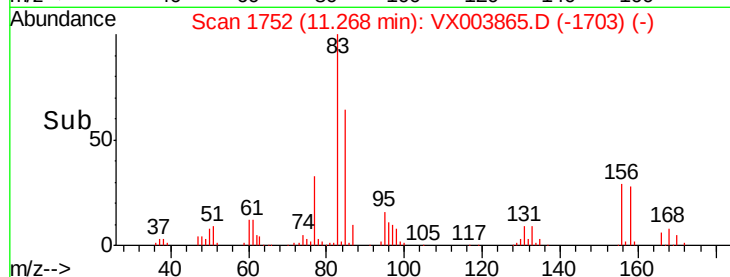
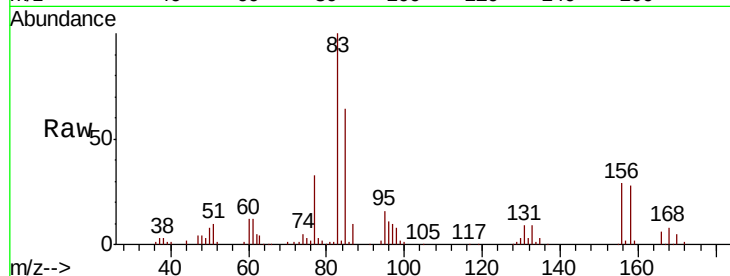
Tot Ion: 83 Resp: 30355

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 64.3 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 6.680 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003865.D

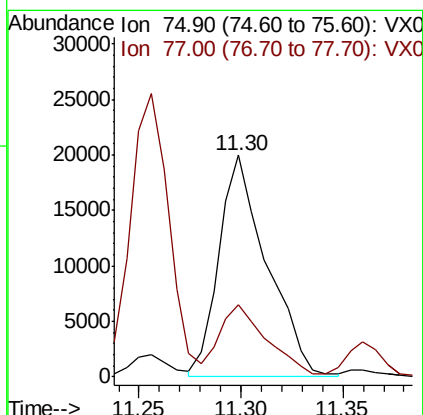
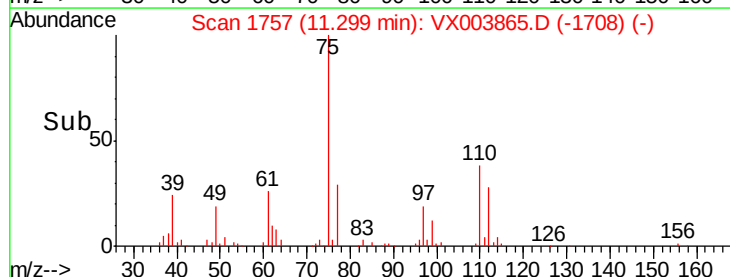
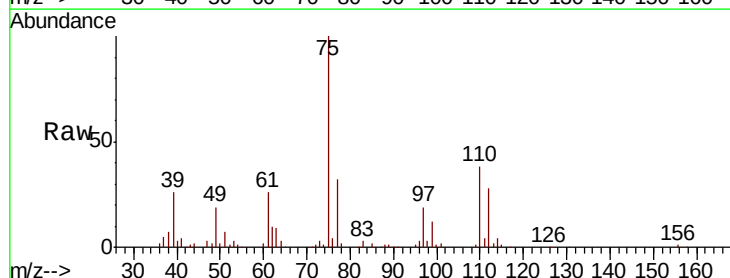
Acq: 06 Aug 2018 16:53

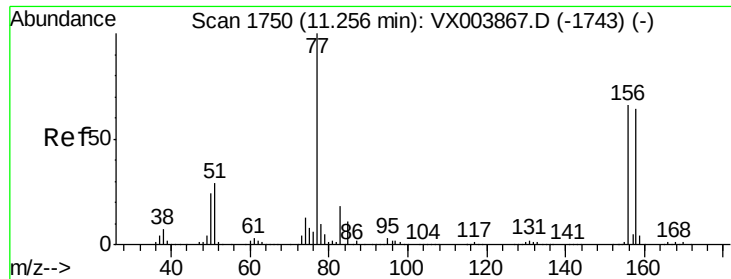
Tgt Ion: 75 Resp: 32667

Ion Ratio Lower Upper

75 100

77 31.8 20.8 62.5





#77

Bromobenzene

Concen: 5.193 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

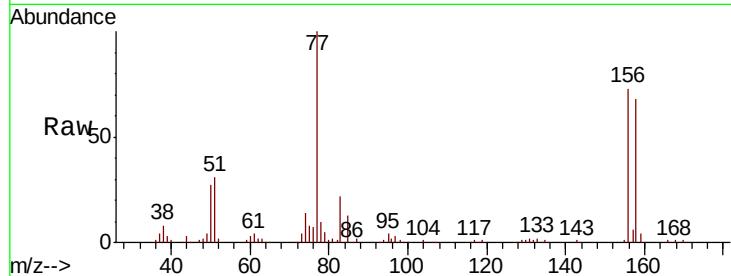
Tot Ion:156 Resp: 22854

Ion Ratio Lower Upper

156 100

77 147.1 74.1 222.2

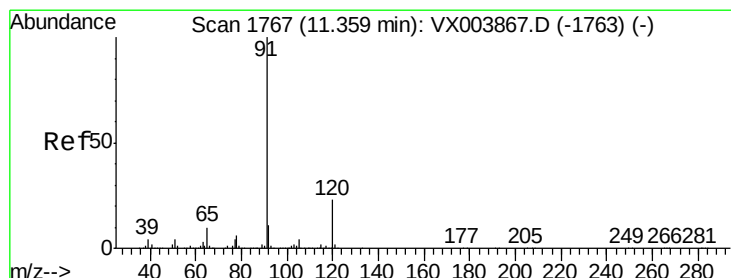
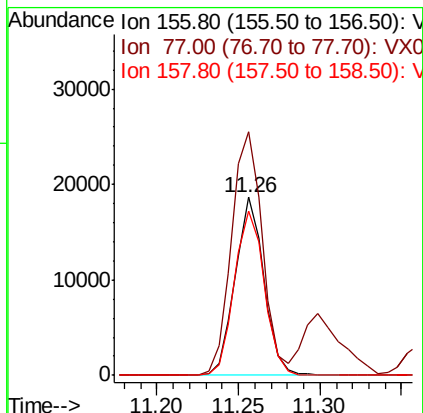
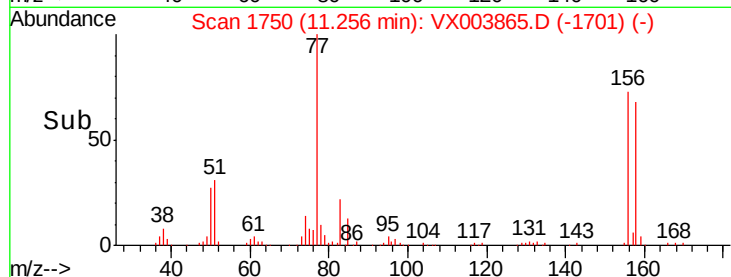
158 96.4 48.6 145.9



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: 5.209 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003865.D

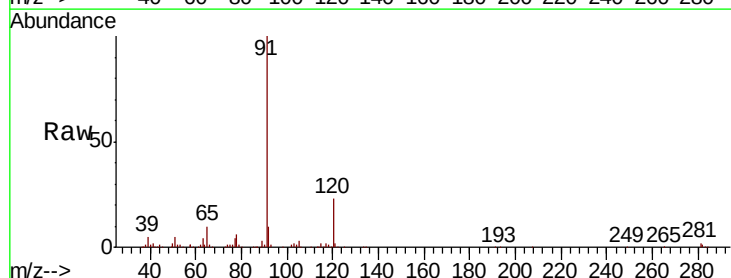
Acq: 06 Aug 2018 16:53

Tgt Ion: 91 Resp: 93462

Ion Ratio Lower Upper

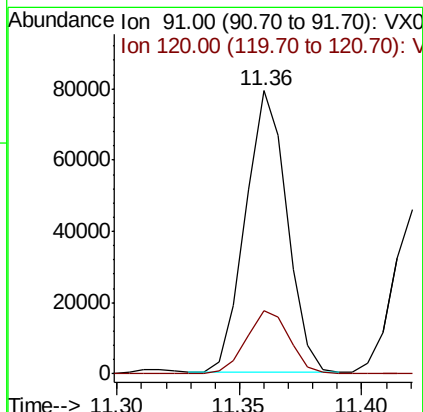
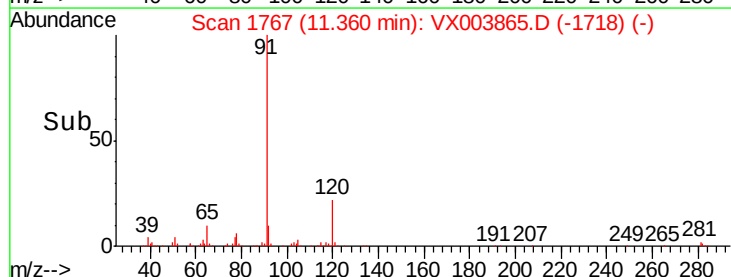
91 100

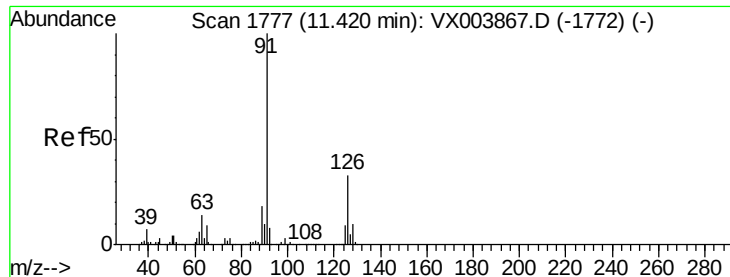
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.316 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

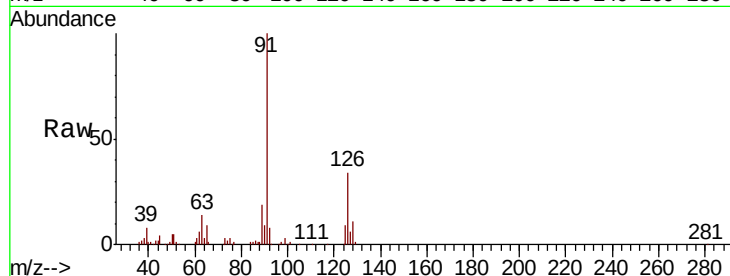
VSTDIC005

Tot Ion: 91 Resp: 58269

Ion Ratio Lower Upper

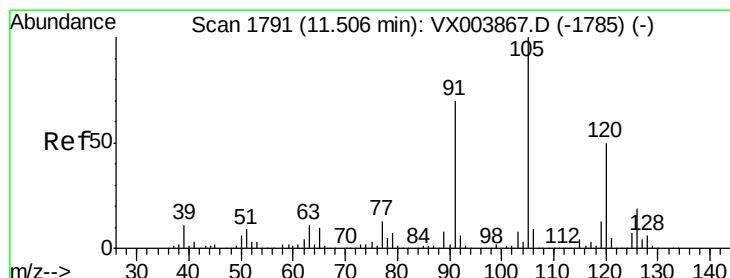
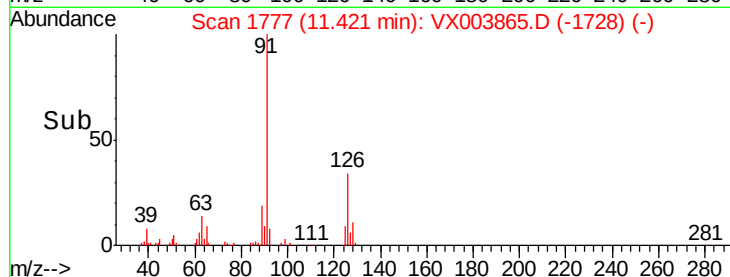
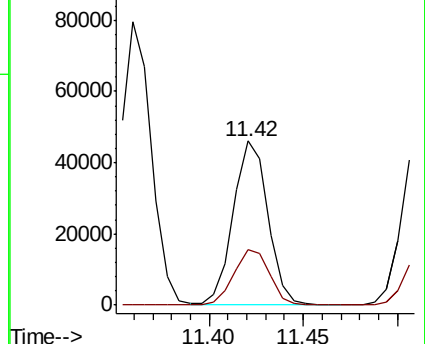
91 100

126 35.0 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX003865.D (-1772) (-)

Ion 125.90 (125.60 to 126.60): VX003865.D (-1772) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.144 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003865.D

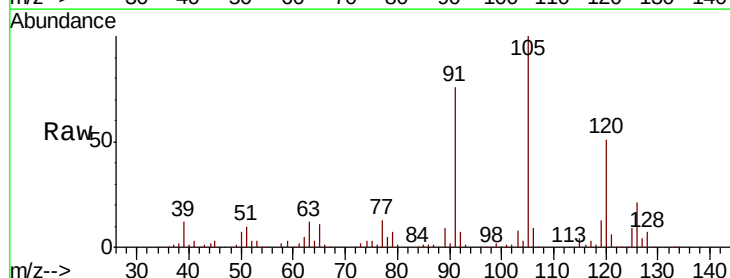
Acq: 06 Aug 2018 16:53

Tgt Ion: 105 Resp: 67699

Ion Ratio Lower Upper

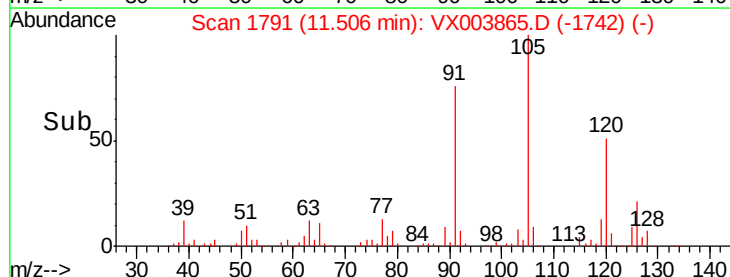
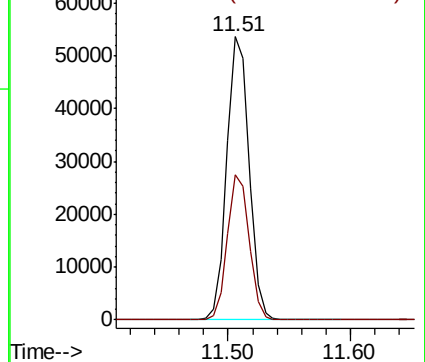
105 100

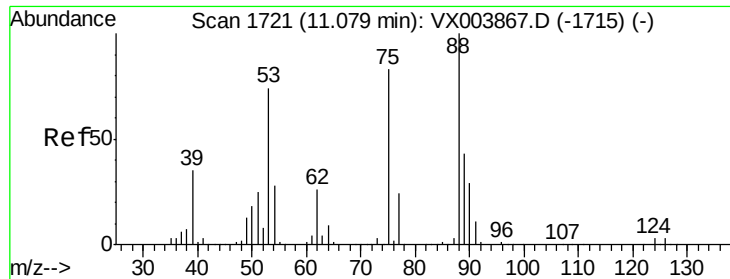
120 50.3 25.4 76.2



Abundance Ion 105.00 (104.70 to 105.70): VX003865.D (-1785) (-)

Ion 120.00 (119.70 to 120.70): VX003865.D (-1785) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.449 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

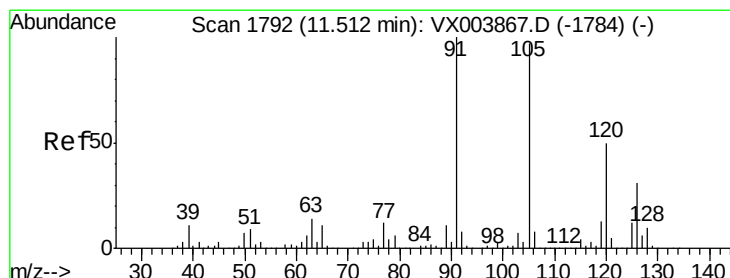
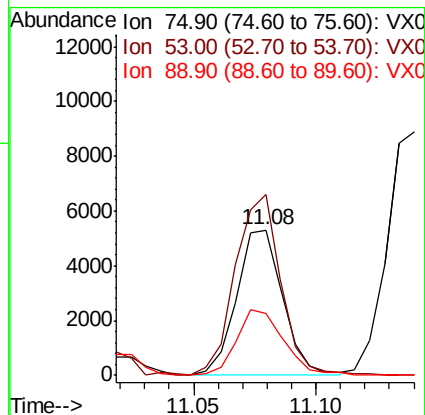
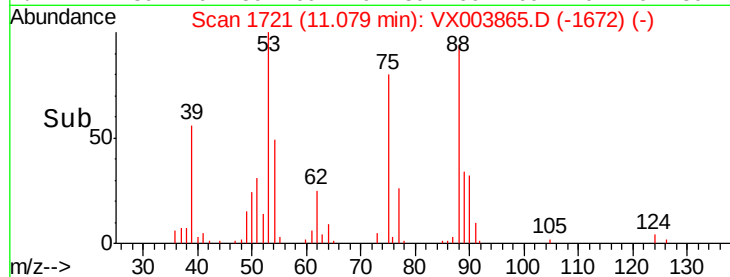
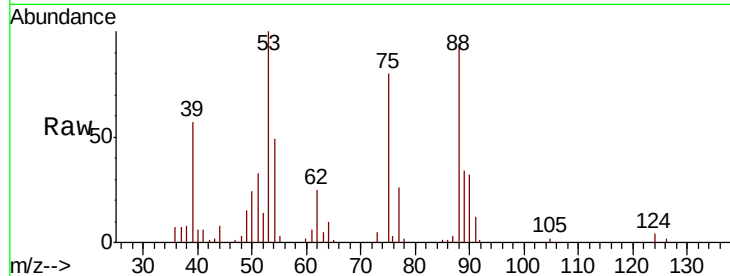
Tot Ion: 75 Resp: 6975

Ion Ratio Lower Upper

75 100

53 122.9 80.3 120.5#

89 46.4 37.8 56.8



#82

4-Chlorotoluene

Concen: 5.358 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003865.D

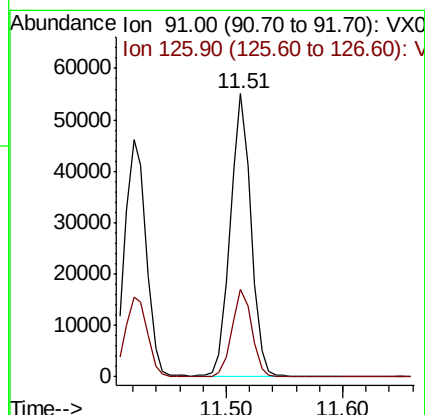
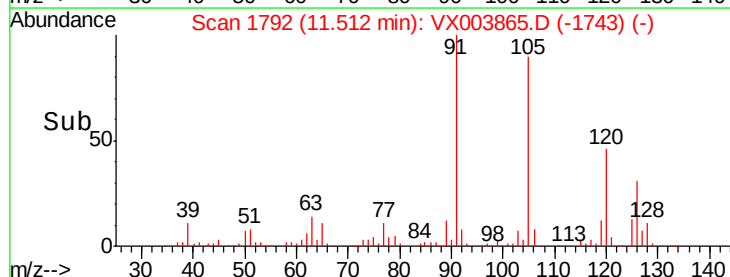
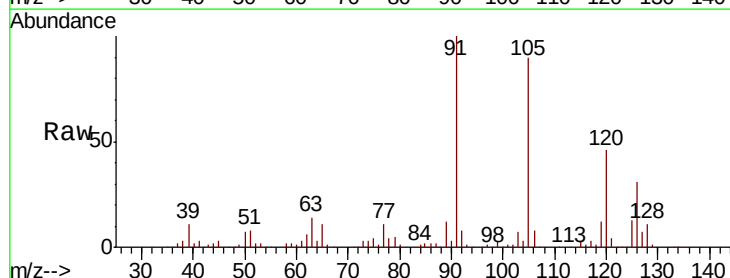
Acq: 06 Aug 2018 16:53

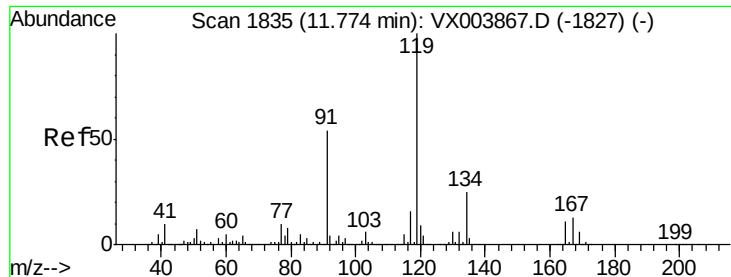
Tgt Ion: 91 Resp: 67974

Ion Ratio Lower Upper

91 100

126 30.2 15.6 46.7





#83

tert-Butylbenzene

Concen: 5.065 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

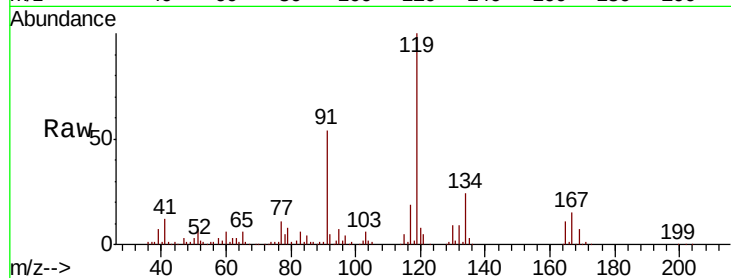
Tot Ion:119 Resp: 67560

Ion Ratio Lower Upper

119 100

91 54.5 26.9 80.7

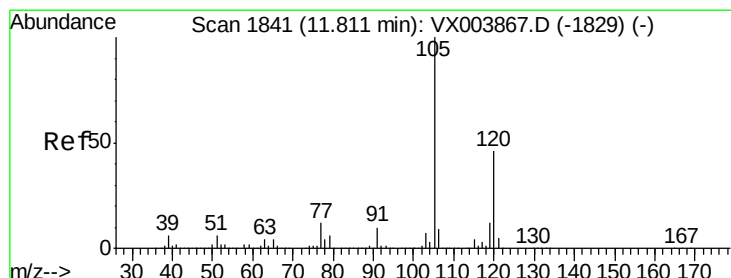
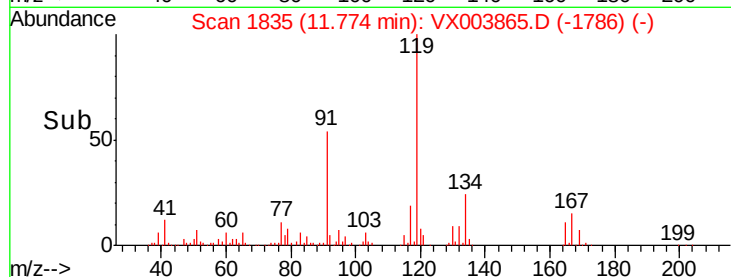
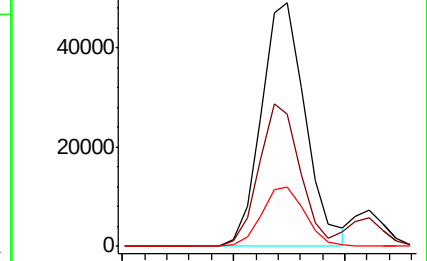
134 23.8 12.0 36.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 5.070 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003865.D

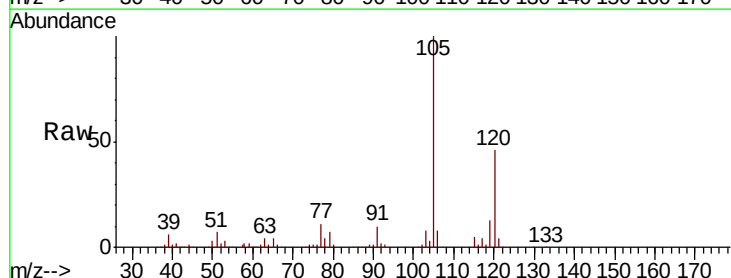
Acq: 06 Aug 2018 16:53

Tgt Ion:105 Resp: 68793

Ion Ratio Lower Upper

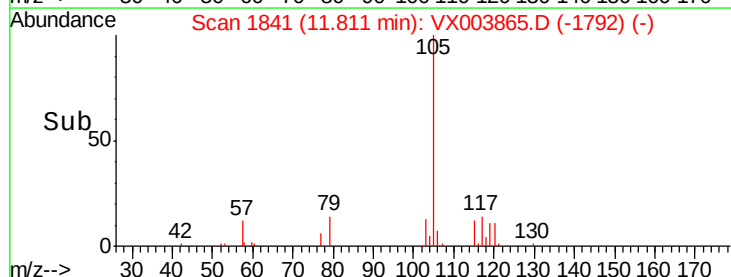
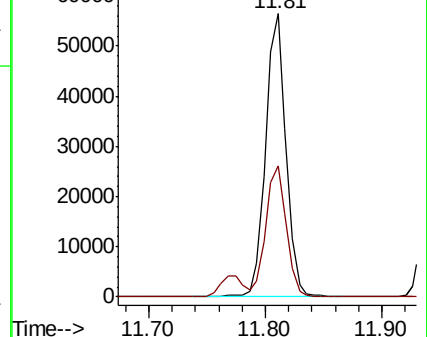
105 100

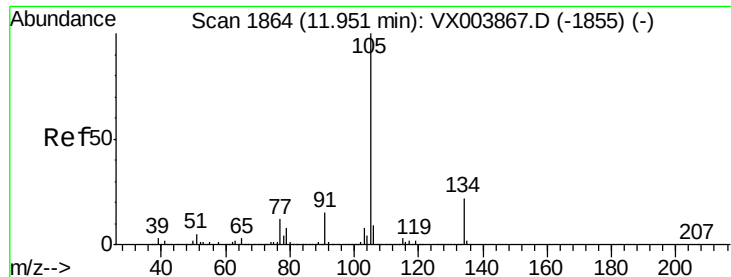
120 46.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 5.219 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

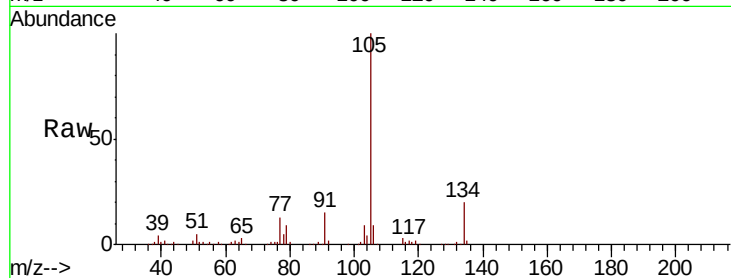
VSTDIC005

Tot Ion:105 Resp: 81388

Ion Ratio Lower Upper

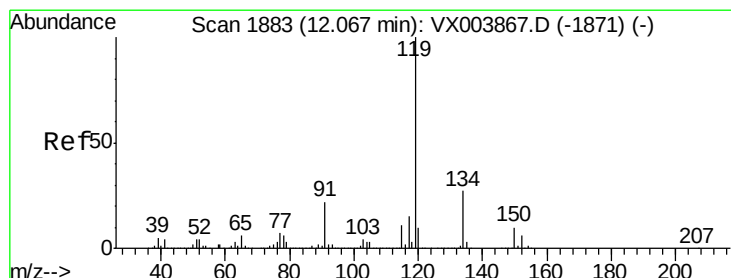
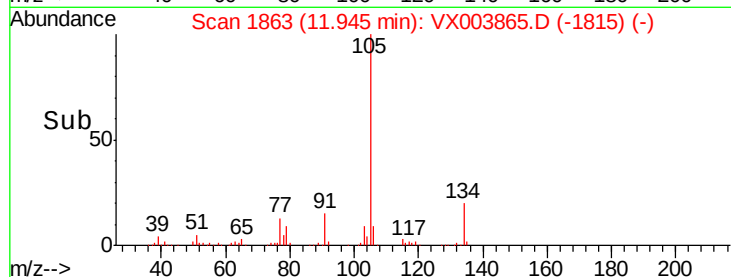
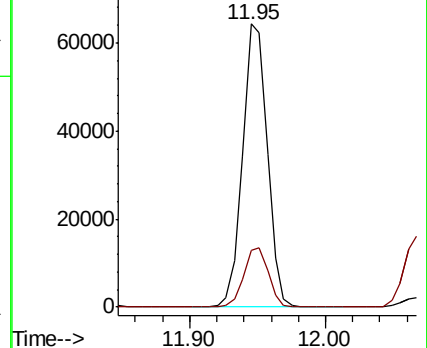
105 100

134 20.8 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.065 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

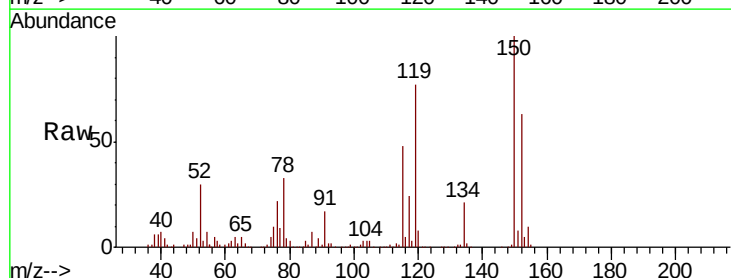
Tgt Ion:119 Resp: 71135

Ion Ratio Lower Upper

119 100

134 27.2 13.3 39.8

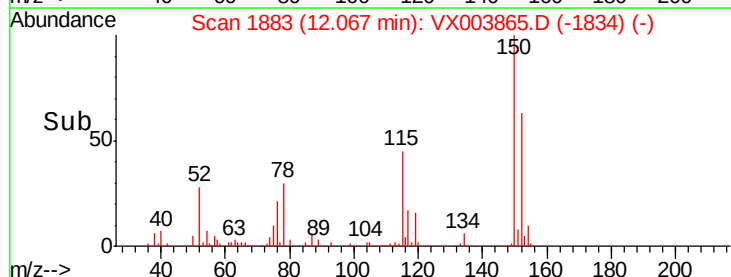
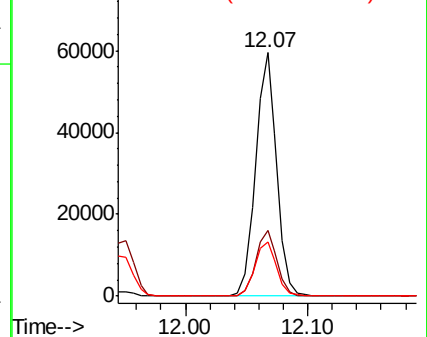
91 23.5 10.9 32.7

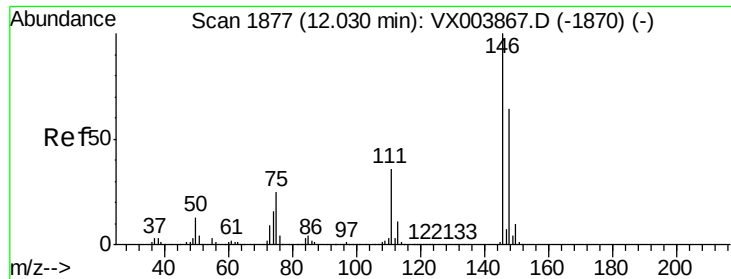


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

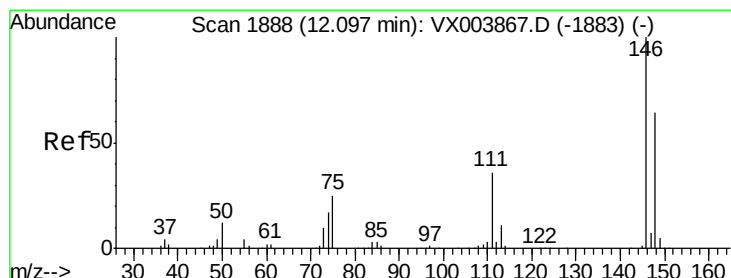
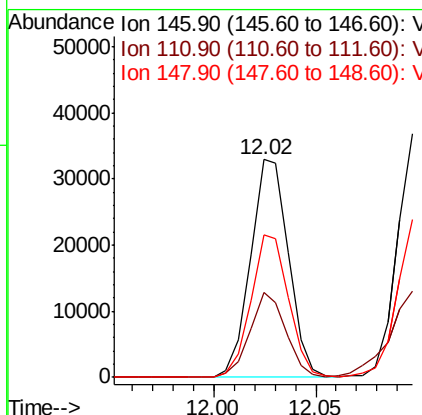
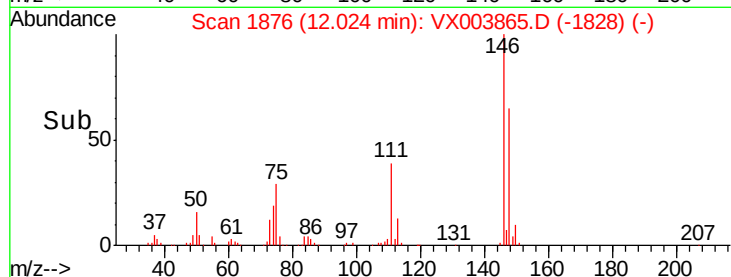
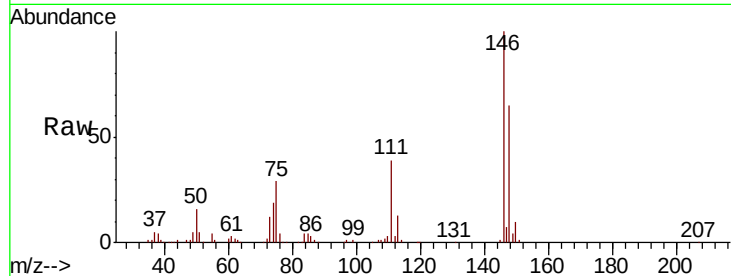




#87
 1,3-Dichlorobenzene
 Concen: 5.188 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

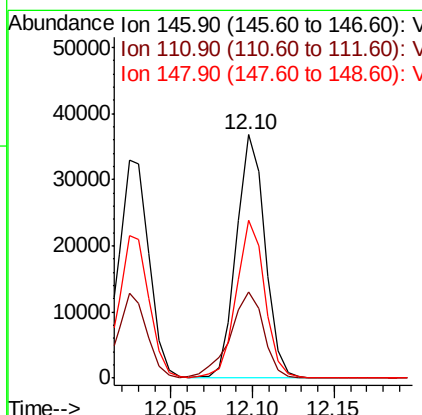
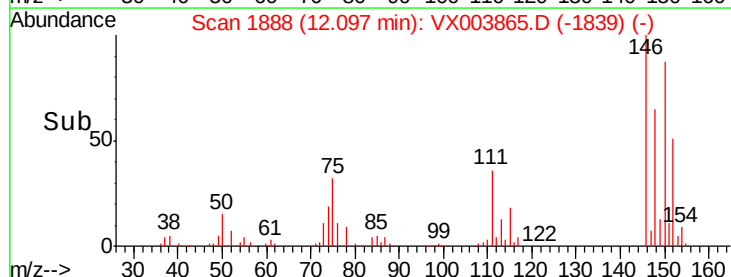
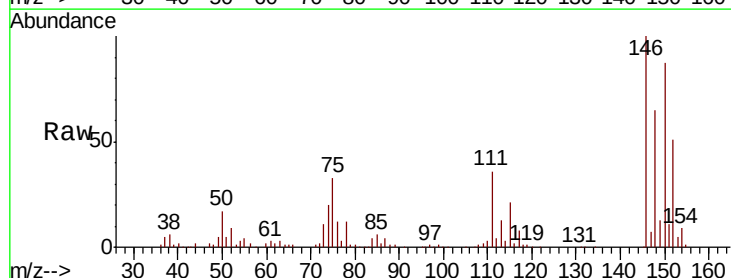
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

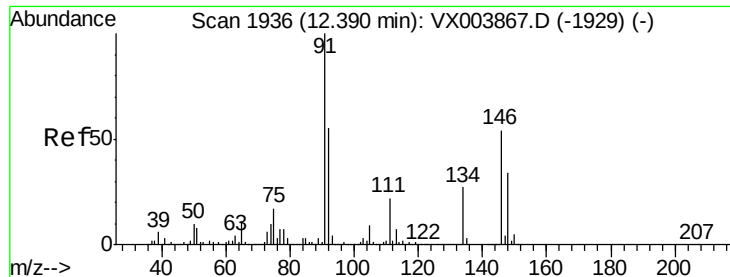
Tot Ion:146 Resp: 42754
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.8 56.4
 148 64.8 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 5.302 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion:146 Resp: 45073
 Ion Ratio Lower Upper
 146 100
 111 41.7 18.4 55.0
 148 64.3 32.3 96.8





#89

n-Butylbenzene

Concen: 4.837 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

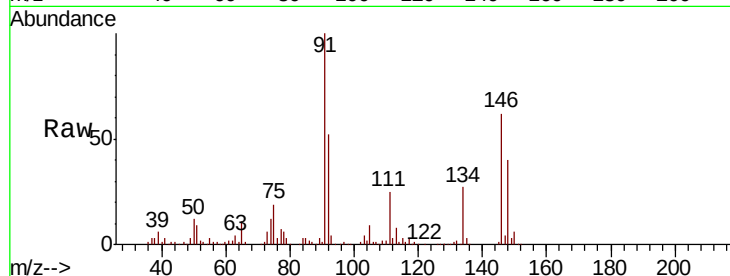
Tot Ion: 91 Resp: 58614

Ion Ratio Lower Upper

91 100

92 52.8 27.1 81.3

134 26.4 13.6 40.7

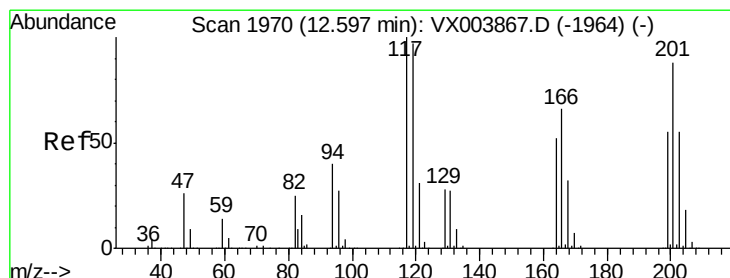
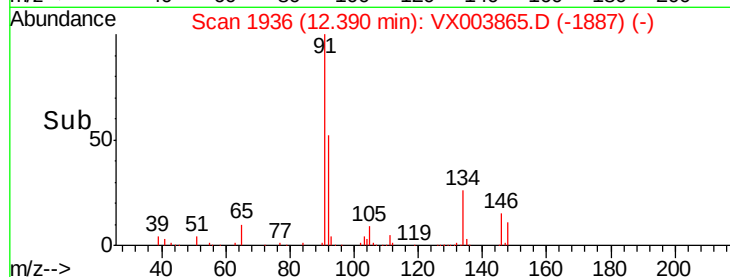


Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003867.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003867.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 4.815 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003865.D

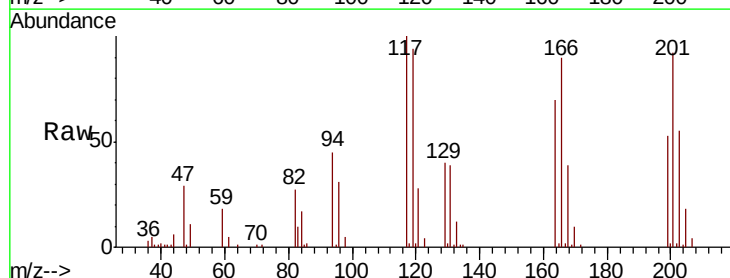
Acq: 06 Aug 2018 16:53

Tgt Ion: 117 Resp: 10968

Ion Ratio Lower Upper

117 100

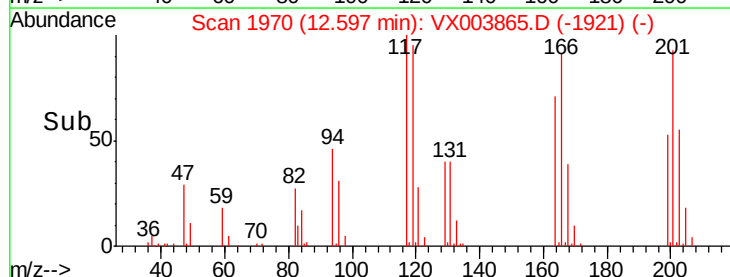
201 93.5 46.1 138.2

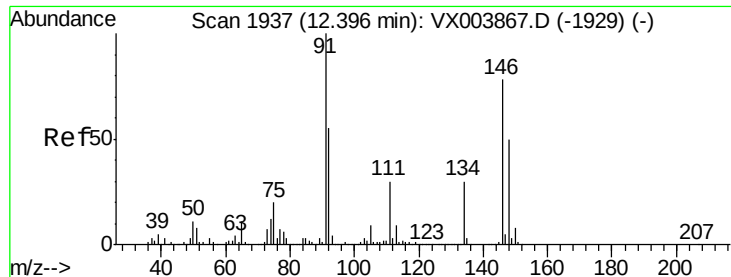


Abundance Ion 116.80 (116.50 to 117.50): VX003867.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003867.D (-1964) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 5.054 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

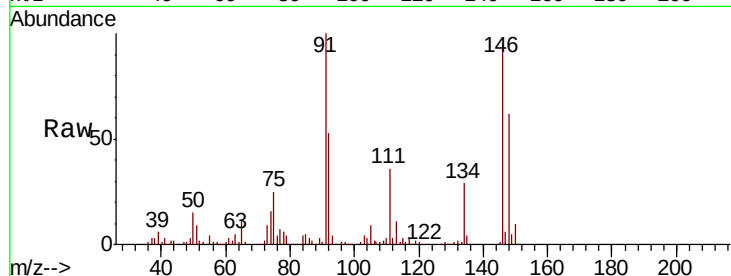
Tot Ion:146 Resp: 42400

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

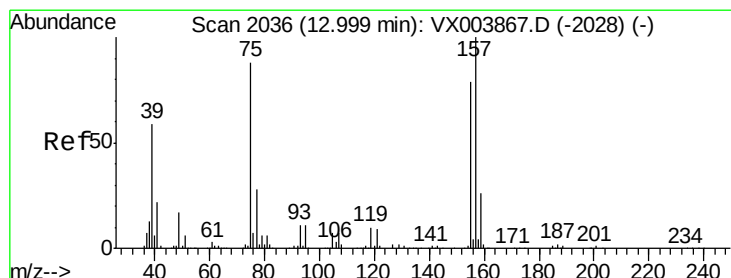
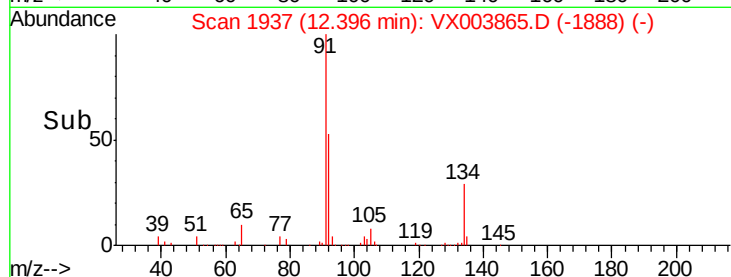
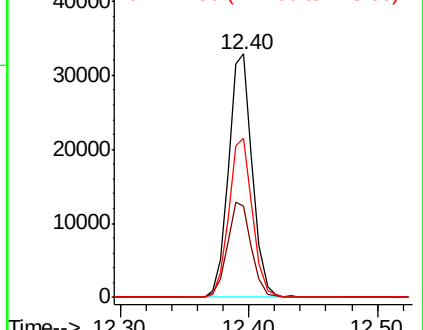
148 64.8 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.605 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX003865.D

Acq: 06 Aug 2018 16:53

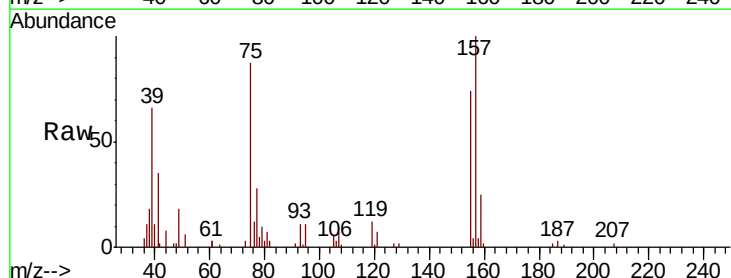
Tgt Ion: 75 Resp: 5731

Ion Ratio Lower Upper

75 100

155 95.8 48.7 146.1

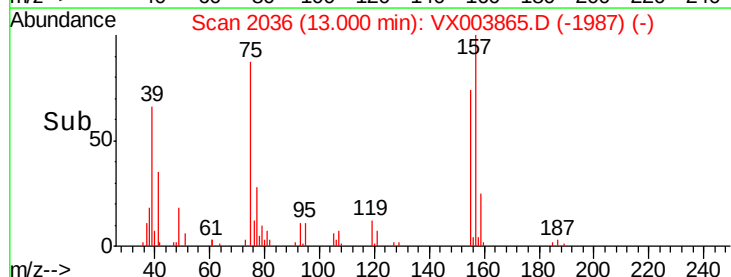
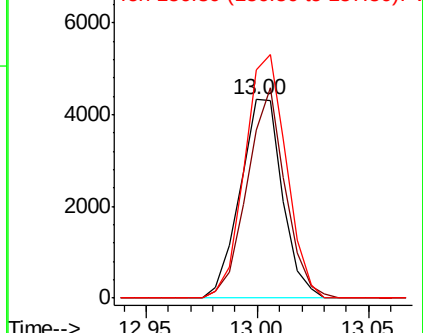
157 120.6 62.6 187.8

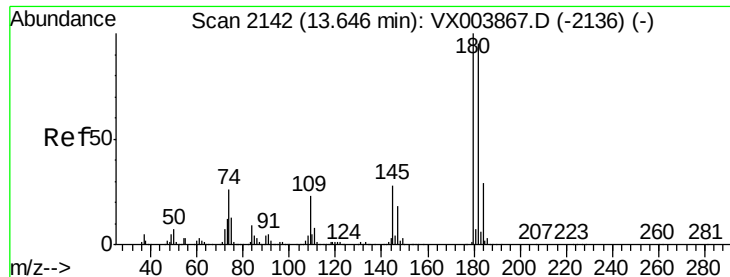


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

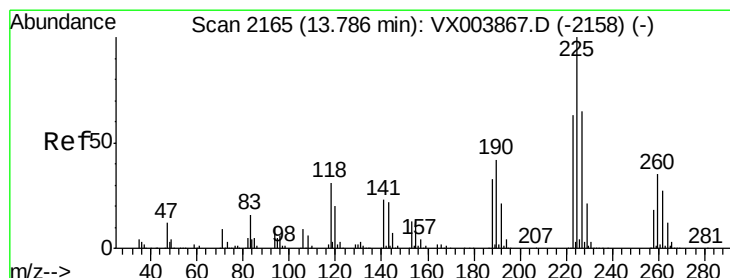
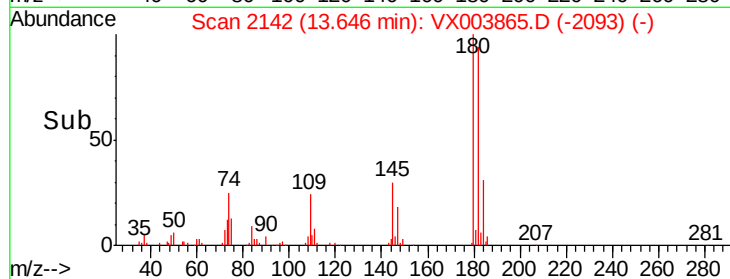
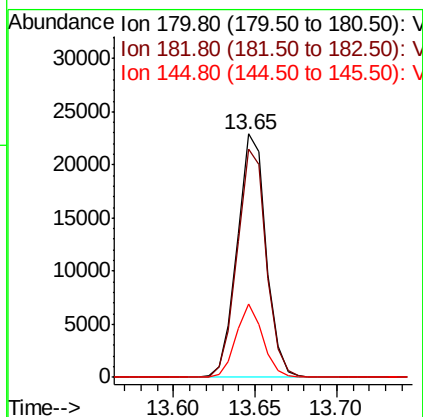
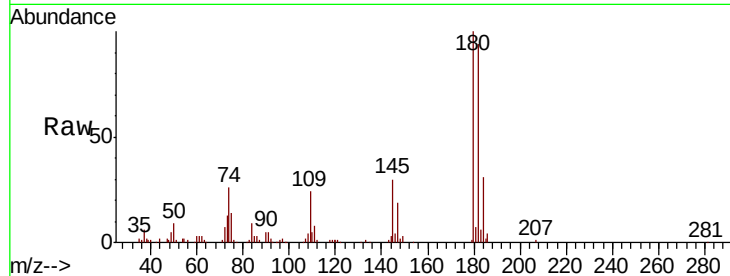




#93
 1,2,4-Trichlorobenzene
 Concen: 4.758 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

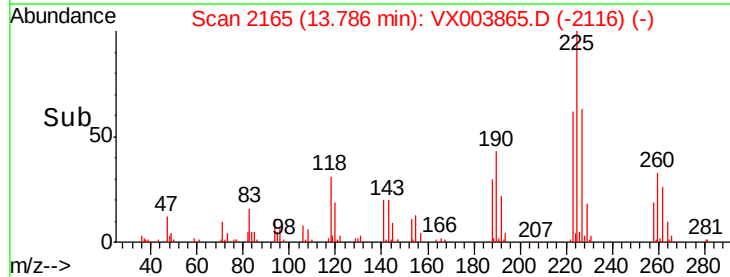
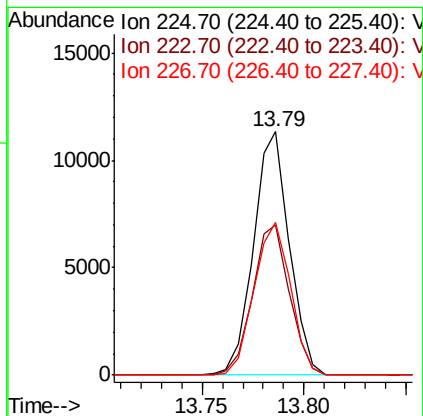
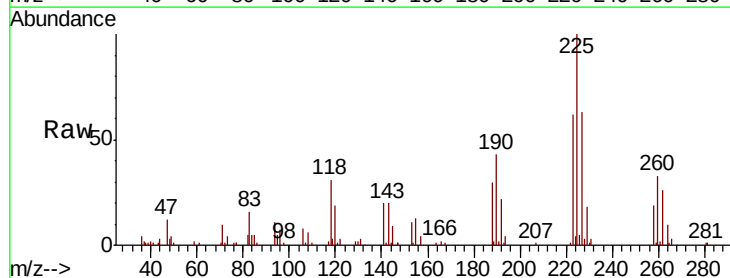
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

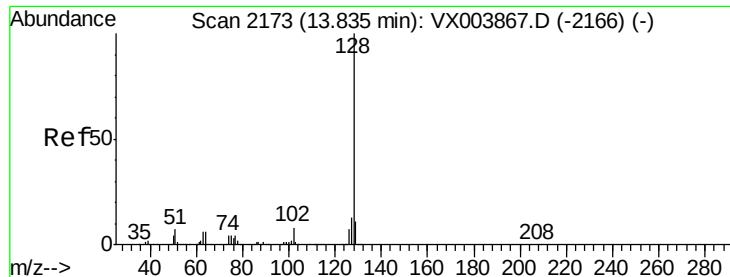
Tot Ion:180 Resp: 28306
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.7 143.1
 145 27.7 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 4.814 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003865.D
 Acq: 06 Aug 2018 16:53

Tgt Ion:225 Resp: 13840
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.0
 227 63.9 32.1 96.5

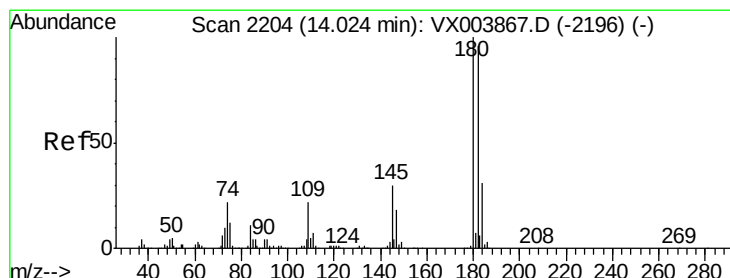
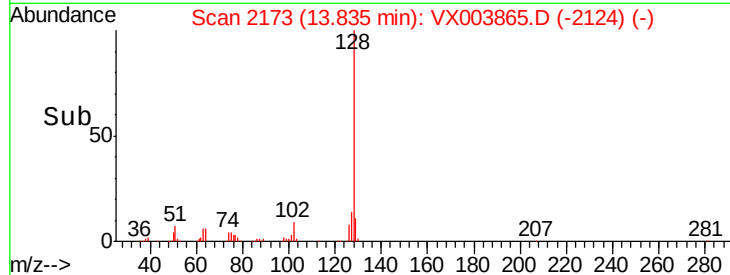
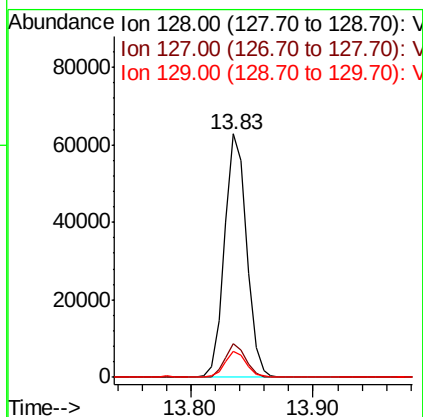
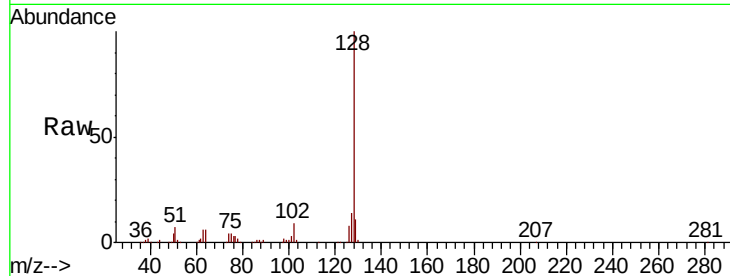




#95
Naphthalene
Concen: 4.548 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:128 Resp: 78473
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.816 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003865.D
Acq: 06 Aug 2018 16:53

Tgt Ion:180 Resp: 29641
Ion Ratio Lower Upper
180 100
182 93.6 48.1 144.4
145 29.9 14.9 44.7

