

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
 Data File : VX003645.D
 Acq On : 24 Jul 2018 17:35
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 27 01:42:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 27 01:36:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	119144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174149	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166891	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	102536	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	85947	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.51	113	70660	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	271901	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.14	95	99454	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	61169	45.079	ug/l 100
3) Chloromethane	1.32	50	83146	46.516	ug/l 100
4) Vinyl Chloride	1.40	62	88832	48.590	ug/l 100
5) Bromomethane	1.64	94	42907	48.604	ug/l 100
6) Chloroethane	1.71	64	56213	50.361	ug/l 100
7) Trichlorofluoromethane	1.92	101	113621	48.281	ug/l 100
8) Diethyl Ether	2.19	74	49840	48.333	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	69365	47.894	ug/l 100
10) Methyl Iodide	2.51	142	91205	50.807	ug/l 100
11) Tert butyl alcohol	3.09	59	103146	244.496	ug/l 100
12) 1,1-Dichloroethene	2.37	96	65680	47.661	ug/l 100
13) Acrolein	2.29	56	55477	282.345	ug/l 100
14) Allyl chloride	2.72	41	141015	49.088	ug/l 100
15) Acrylonitrile	3.15	53	244801	240.164	ug/l 100
16) Acetone	2.45	43	196781	237.335	ug/l 100
17) Carbon Disulfide	2.57	76	189060	47.694	ug/l 100
18) Methyl Acetate	2.78	43	119617	47.767	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	238819	49.068	ug/l 100
20) Methylene Chloride	2.85	84	79399	48.329	ug/l 100
21) trans-1,2-Dichloroethene	3.16	96	72163	48.698	ug/l 100
22) Diisopropyl ether	3.88	45	258645	49.311	ug/l 100
23) Vinyl Acetate	3.83	43	1117688	248.754	ug/l 100
24) 1,1-Dichloroethane	3.70	63	140216	47.430	ug/l 100
25) 2-Butanone	4.71	43	311401	243.116	ug/l 100
26) 2,2-Dichloropropane	4.59	77	92354	49.410	ug/l 100
27) cis-1,2-Dichloroethene	4.60	96	78989	49.094	ug/l 100
28) Bromochloromethane	5.02	49	55324	46.636	ug/l 100
29) Tetrahydrofuran	5.17	42	211488	253.643	ug/l 100
30) Chloroform	5.22	83	129543	48.312	ug/l 100
31) Cyclohexane	5.57	56	118429	49.908	ug/l 100
32) 1,1,1-Trichloroethane	5.50	97	111036	49.862	ug/l 100
36) 1,1-Dichloropropene	5.80	75	98430	48.355	ug/l 100
37) Ethyl Acetate	4.87	43	117884	48.161	ug/l 100
38) Carbon Tetrachloride	5.79	117	95843	48.850	ug/l 100

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	115460	51.529	ug/l	100
40) Benzene	6.15	78	300641	49.908	ug/l	100
41) Methacrylonitrile	5.07	41	65837	48.574	ug/l	100
42) 1,2-Dichloroethane	6.20	62	104593	49.331	ug/l	100
43) Isopropyl Acetate	6.48	43	182321	51.059	ug/l	100
44) Trichloroethene	7.22	130	78825	48.805	ug/l	100
45) 1,2-Dichloropropane	7.52	63	78631	50.497	ug/l	100
46) Dibromomethane	7.66	93	49761	49.746	ug/l	100
47) Bromodichloromethane	7.90	83	95170	50.744	ug/l	100
48) Methyl methacrylate	7.78	41	93517	51.610	ug/l	100
49) 1,4-Dioxane	7.76	88	42233	1044.701	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	611410	253.771	ug/l	100
52) Toluene	8.79	92	187271	50.014	ug/l	100
53) t-1,3-Dichloropropene	9.05	75	107507	47.756	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	117533	55.713	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	77246	50.469	ug/l	100
56) Ethyl methacrylate	9.18	69	120786	53.030	ug/l	100
57) 1,3-Dichloropropane	9.38	76	128378	49.952	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	303797	265.424	ug/l	100
59) 2-Hexanone	9.50	43	477870	258.568	ug/l	100
60) Dibromochloromethane	9.59	129	76191	52.482	ug/l	100
61) 1,2-Dibromoethane	9.68	107	80237	50.345	ug/l	100
64) Tetrachloroethene	9.34	164	74663	48.933	ug/l	100
65) Chlorobenzene	10.14	112	206413	49.145	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	73594	50.401	ug/l	100
67) Ethyl Benzene	10.26	91	359149	51.084	ug/l	100
68) m/p-Xylenes	10.36	106	279907	103.780	ug/l	100
69) o-Xylene	10.70	106	134534	51.813	ug/l	100
70) Styrene	10.71	104	230420	52.829	ug/l	100
71) Bromoform	10.86	173	60138	52.084	ug/l #	100
73) Isopropylbenzene	11.02	105	360725	51.491	ug/l	100
74) N-amyl acetate	6.48	43	182321	49.899	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	124953	48.299	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	144928	67.388	ug/l	82
77) Bromobenzene	11.26	156	94476	49.653	ug/l	100
78) n-propylbenzene	11.37	91	421804	52.143	ug/l	100
79) 2-Chlorotoluene	11.43	91	247141	50.266	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	309351	52.193	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	36978	53.271	ug/l	100
82) 4-Chlorotoluene	11.51	91	292299	50.470	ug/l	100
83) tert-Butylbenzene	11.77	119	297959	51.375	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	319742	52.490	ug/l	100
85) sec-Butylbenzene	11.95	105	360185	52.033	ug/l	100
86) p-Isopropyltoluene	12.07	119	325027	52.313	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	175231	49.450	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	178736	48.514	ug/l	100
89) n-Butylbenzene	12.39	91	285068	50.905	ug/l	100
90) Hexachloroethane	12.60	117	46678	49.608	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	177591	49.052	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	27292	50.679	ug/l	100

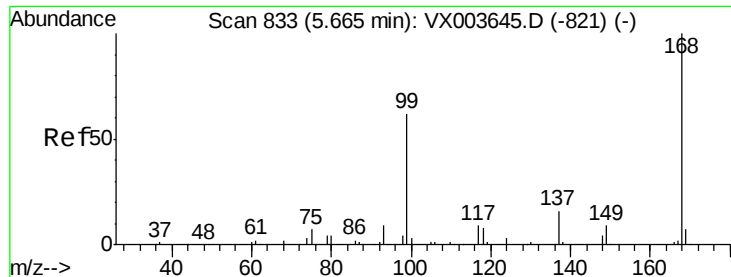
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072418\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129075	49.964	ug/l	100
94) Hexachlorobutadiene	13.79	225	57798	48.358	ug/l	100
95) Naphthalene	13.84	128	414416	53.038	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133630	50.924	ug/l	100

(#) = 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: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

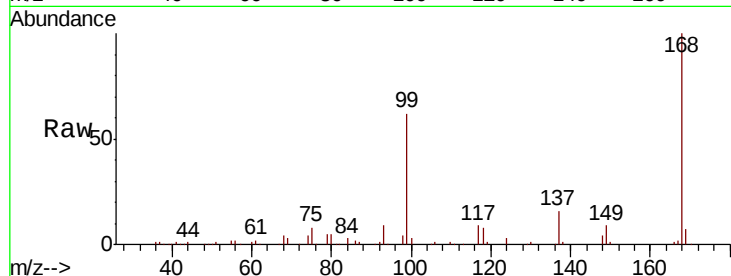
VSTDICCC050

Tgt Ion:168 Resp: 119144

Ion Ratio Lower Upper

168 100

99 61.9 49.5 74.3

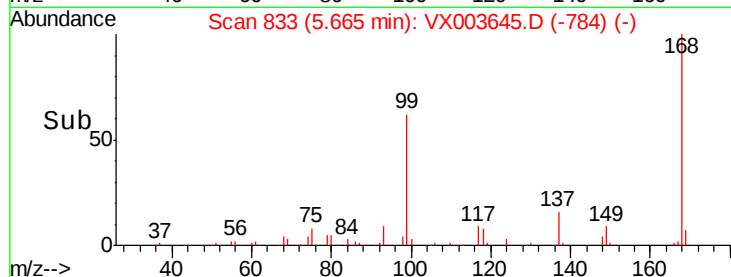


Abundance Ion 167.90 (167.60 to 168.60): V

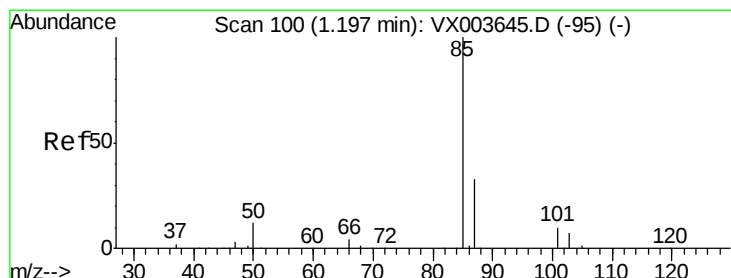
Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 45.079 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003645.D

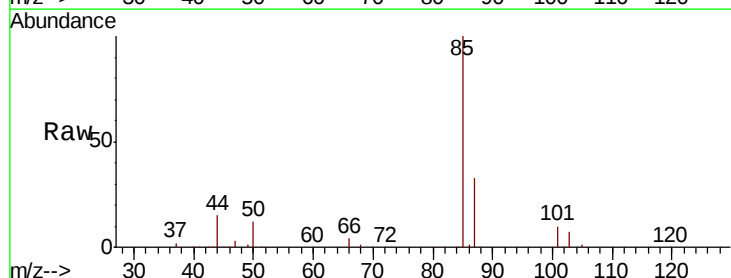
Acq: 24 Jul 2018 17:35

Tgt Ion: 85 Resp: 61169

Ion Ratio Lower Upper

85 100

87 33.0 16.5 49.5

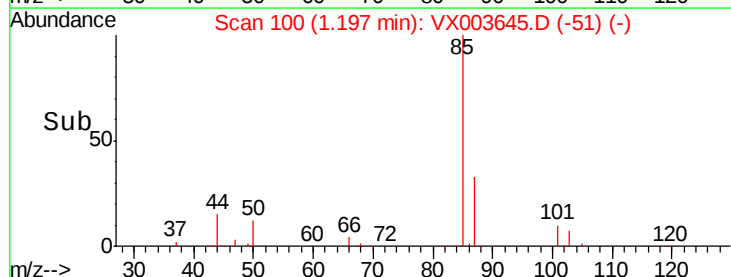


Abundance Ion 84.90 (84.60 to 85.60): VX0

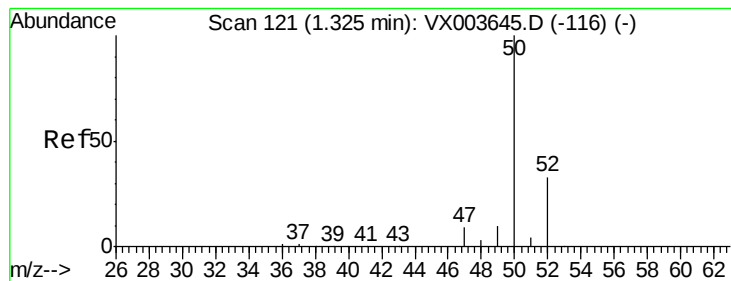
Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 46.516 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

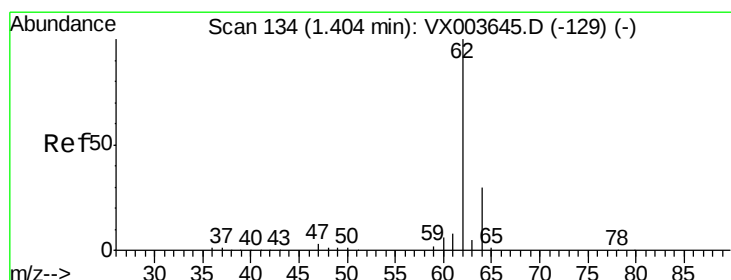
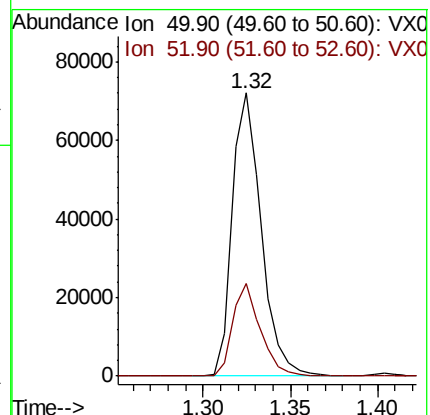
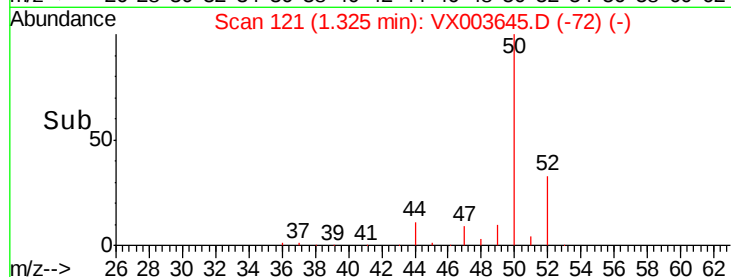
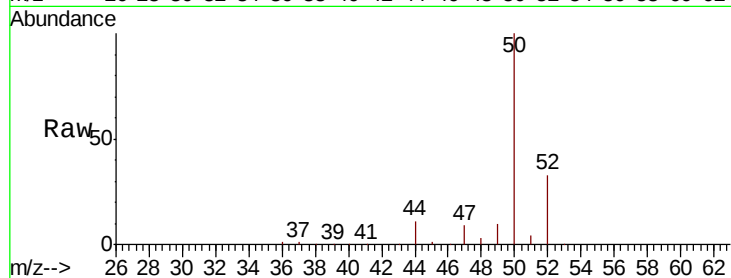
VSTDICCC050

Tgt Ion: 50 Resp: 83146

Ion Ratio Lower Upper

50 100

52 32.9 26.3 39.5



#4

Vinyl Chloride

Concen: 48.590 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003645.D

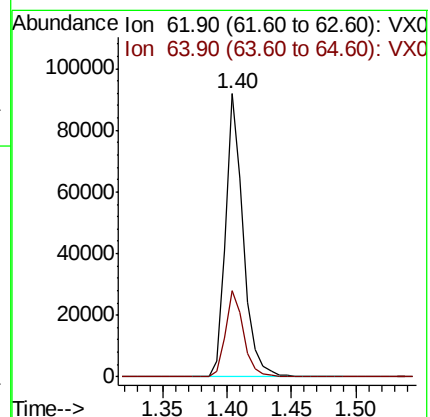
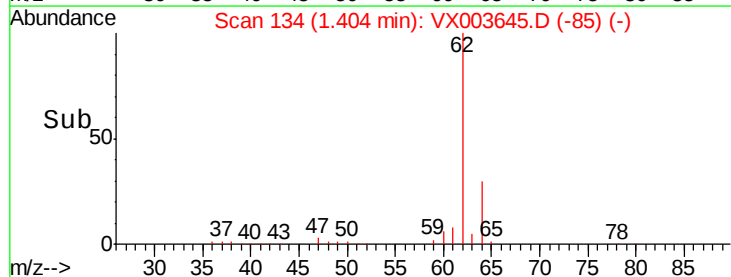
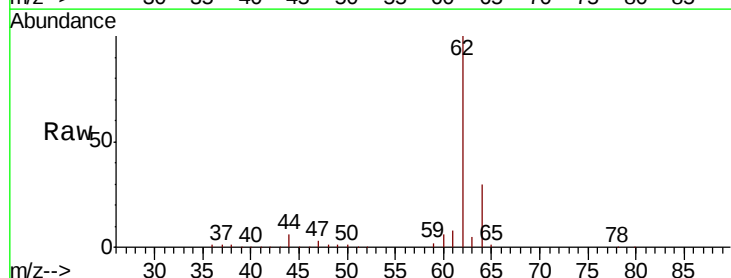
Acq: 24 Jul 2018 17:35

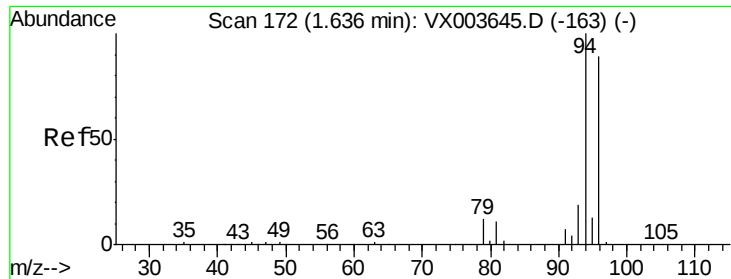
Tgt Ion: 62 Resp: 88832

Ion Ratio Lower Upper

62 100

64 30.5 24.4 36.6





#5

Bromomethane

Concen: 48.604 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

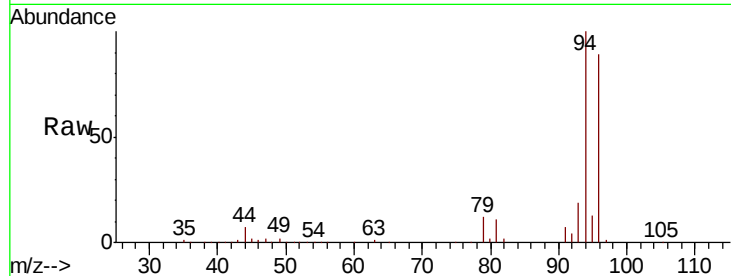
VSTDICCC050

Tgt Ion: 94 Resp: 42907

Ion Ratio Lower Upper

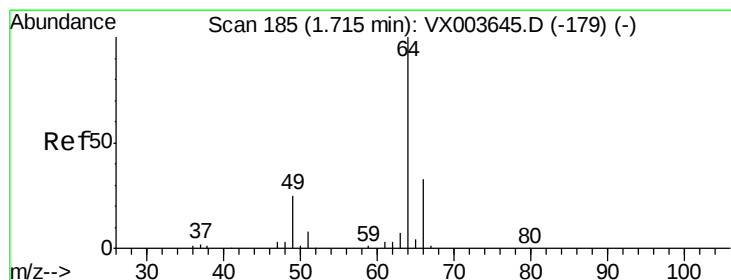
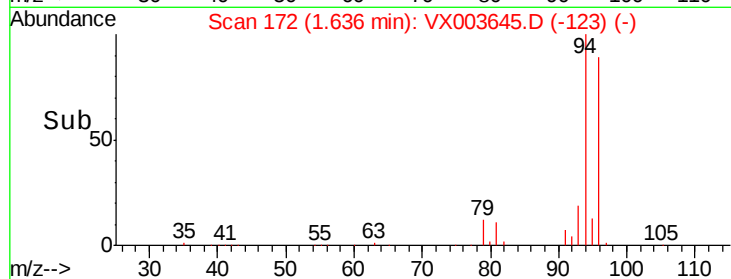
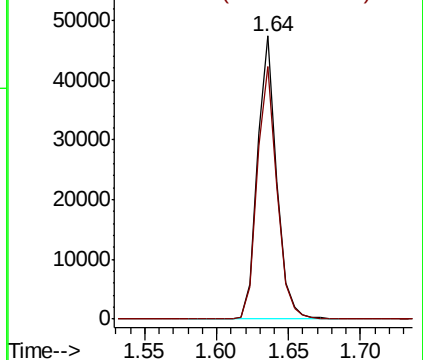
94 100

96 89.1 71.3 106.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.361 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003645.D

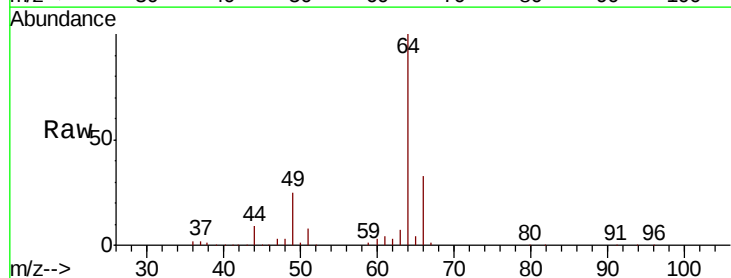
Acq: 24 Jul 2018 17:35

Tgt Ion: 64 Resp: 56213

Ion Ratio Lower Upper

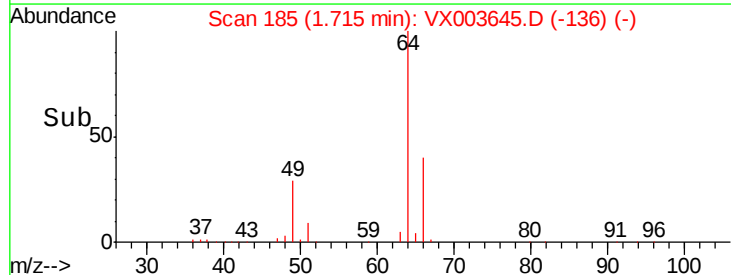
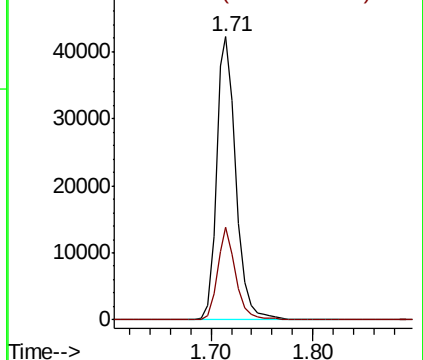
64 100

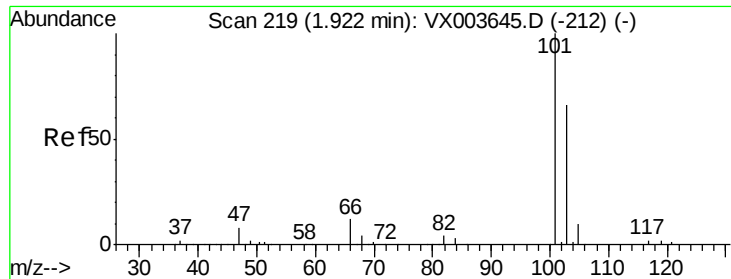
66 32.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



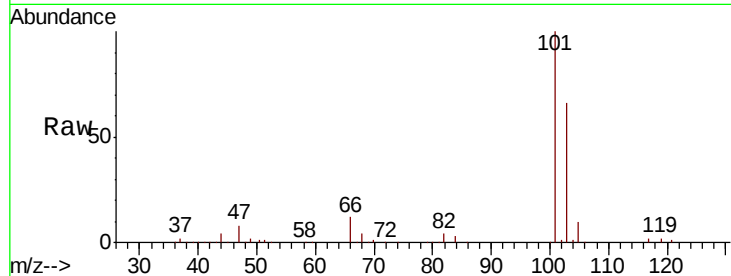


#7

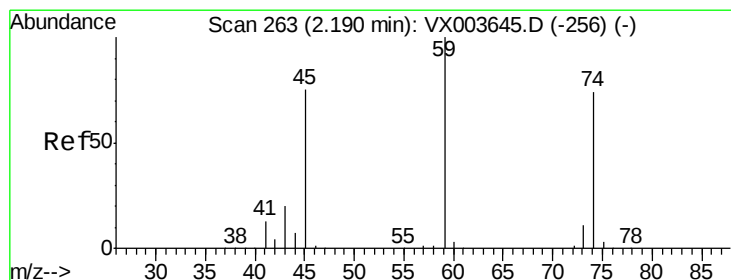
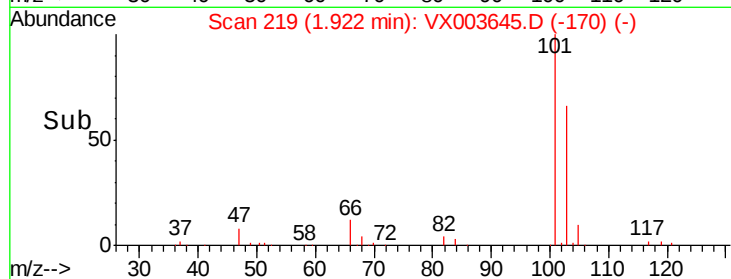
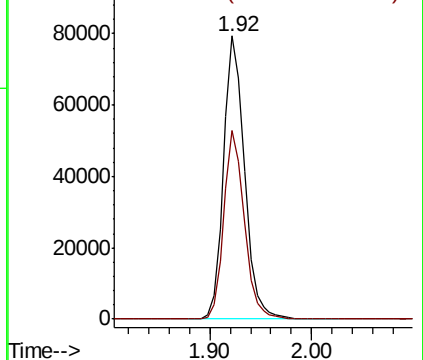
Trichlorofluoromethane
 Concen: 48.281 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Instrument :
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Tgt Ion:101 Resp: 113621
 Ion Ratio Lower Upper
 101 100
 103 66.5 53.2 79.8



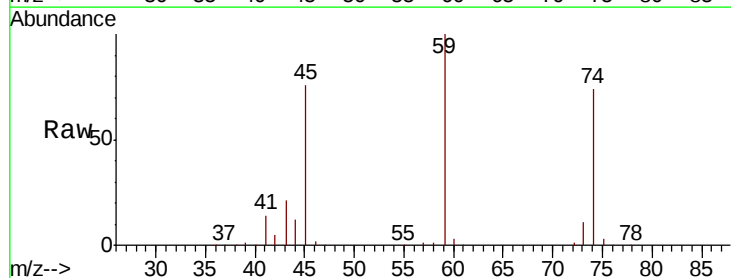
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



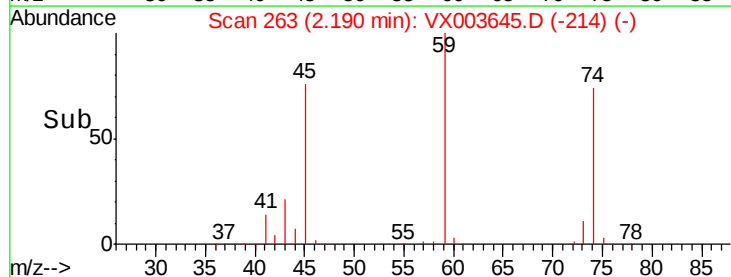
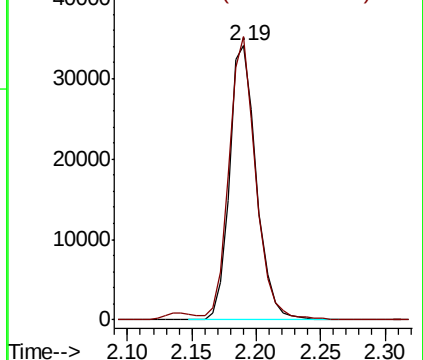
#8

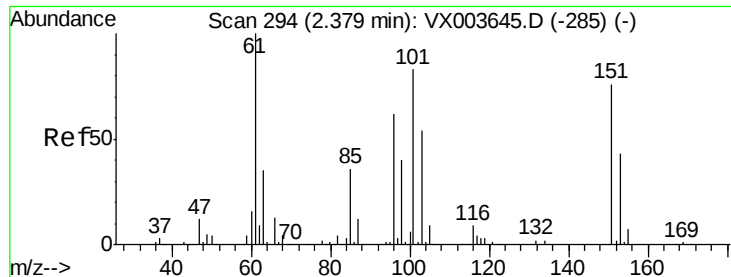
Diethyl Ether
 Concen: 48.333 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 74 Resp: 49840
 Ion Ratio Lower Upper
 74 100
 45 102.1 51.0 153.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.894 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

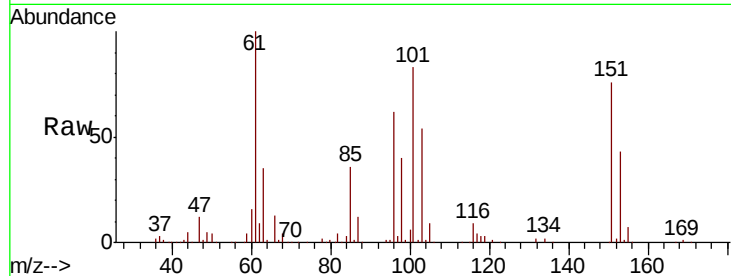
Tgt Ion:101 Resp: 69365

Ion Ratio Lower Upper

101 100

85 43.3 34.6 52.0

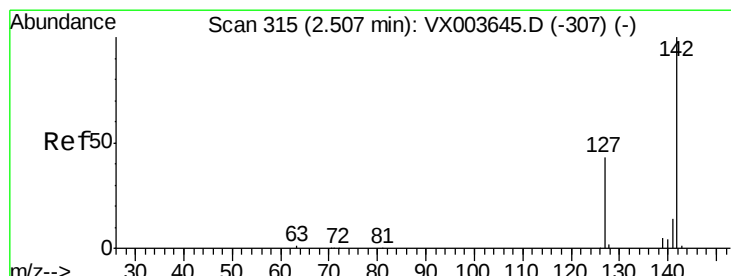
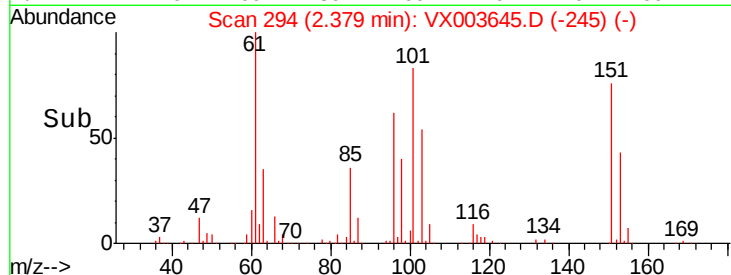
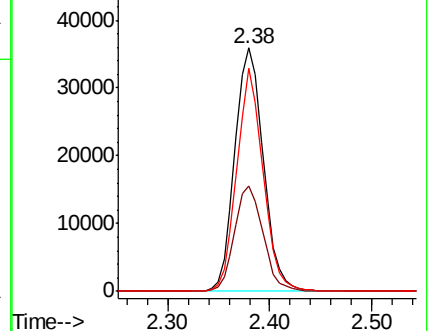
151 84.4 67.5 101.3



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: 50.807 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

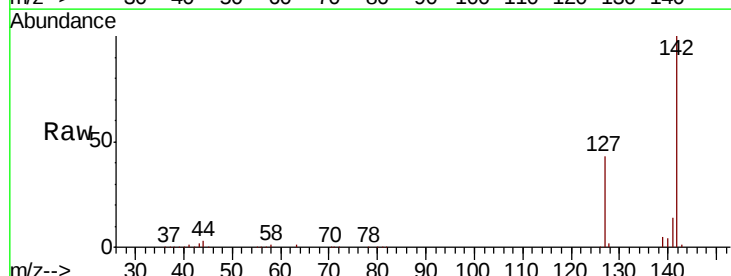
Tgt Ion:142 Resp: 91205

Ion Ratio Lower Upper

142 100

127 42.5 34.0 51.0

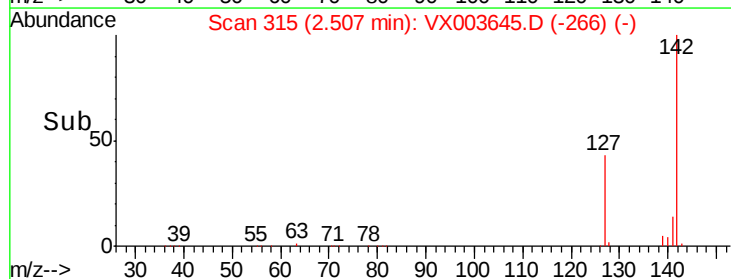
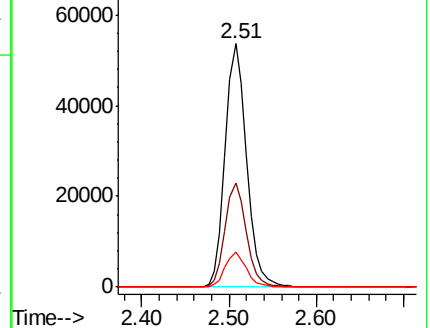
141 14.1 11.3 16.9

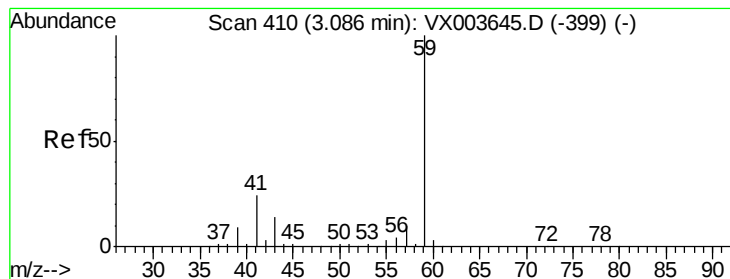


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



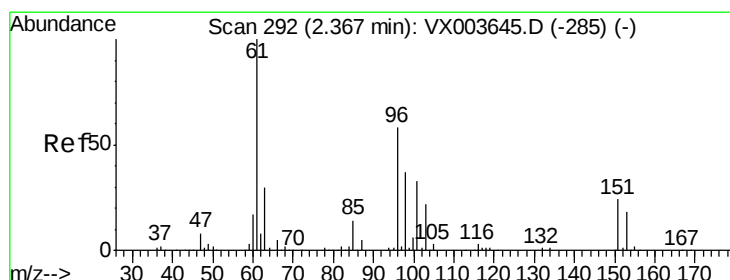
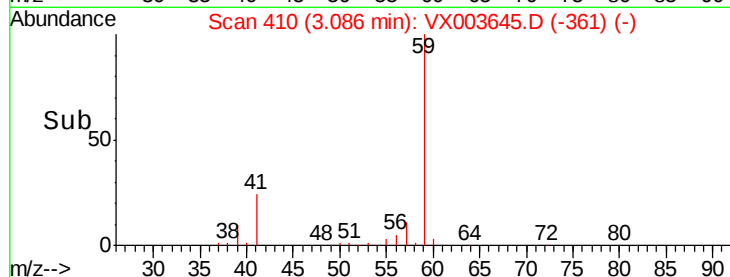
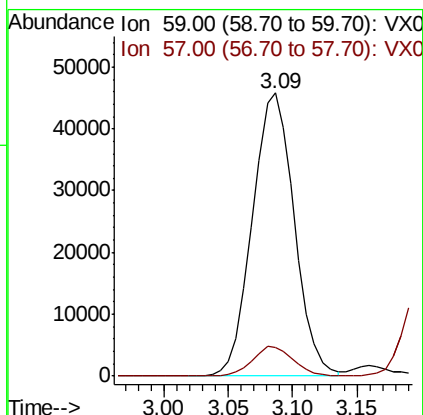
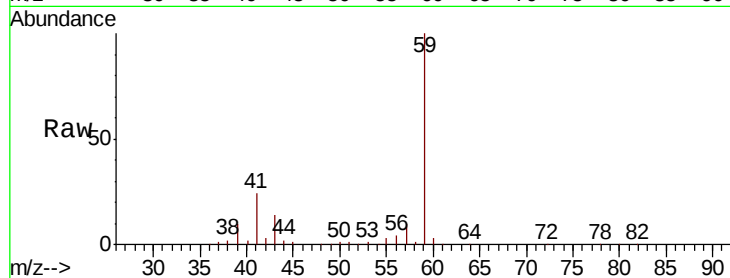


#11

Tert butyl alcohol
 Concen: 244.496 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

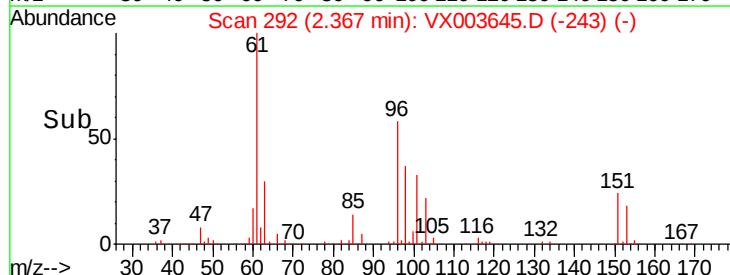
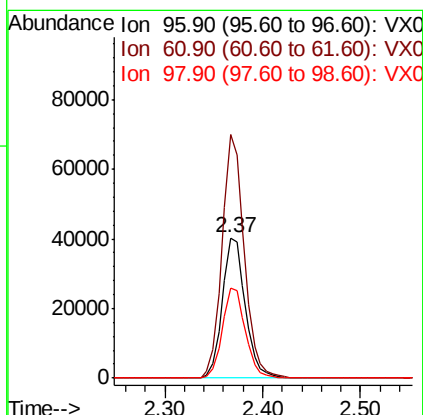
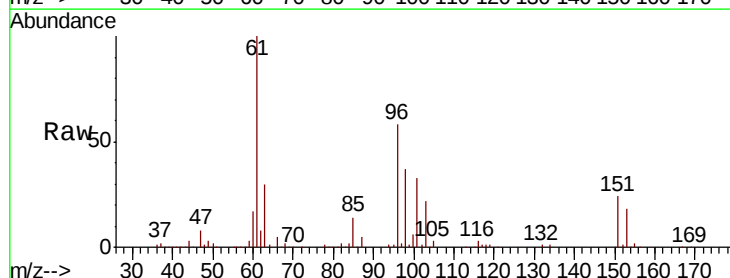
Tgt Ion: 59 Resp: 103146
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

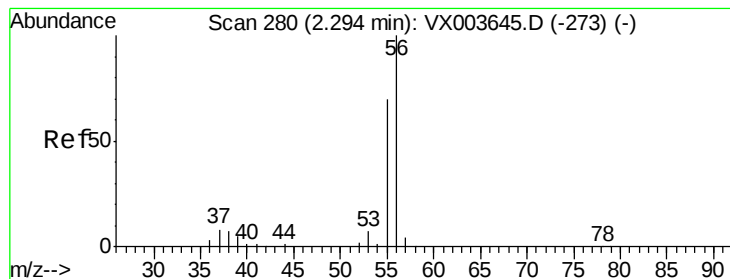


#12

1,1-Dichloroethene
 Concen: 47.661 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 96 Resp: 65680
 Ion Ratio Lower Upper
 96 100
 61 173.5 138.8 208.2
 98 64.3 51.4 77.2





#13

Acrolein

Concen: 282.345 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

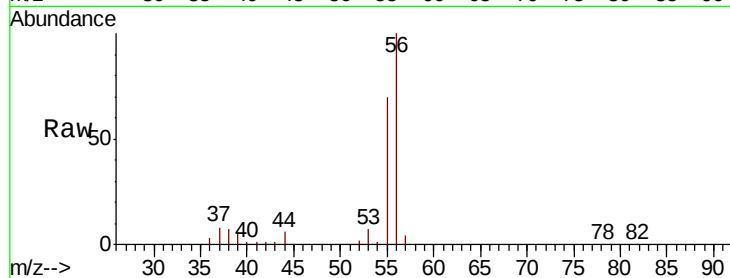
VSTDICCC050

Tgt Ion: 56 Resp: 55477

Ion Ratio Lower Upper

56 100

55 69.3 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

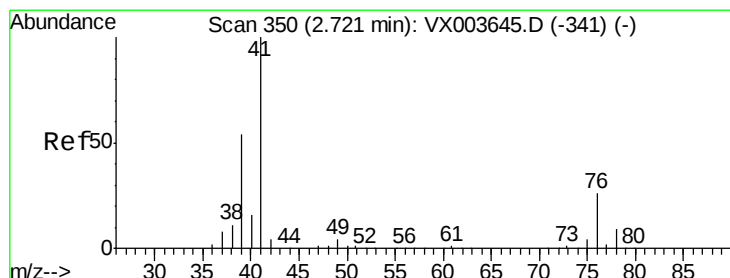
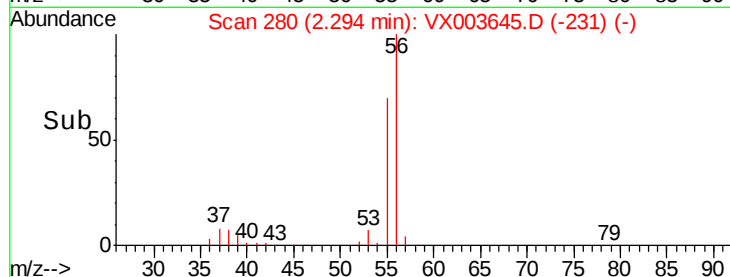
20000

10000

0

Time-->

2.20 2.30 2.40 2.50



#14

Allyl chloride

Concen: 49.088 ug/l

RT: 2.72 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

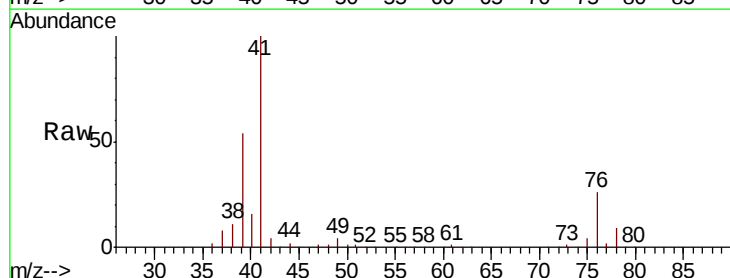
Tgt Ion: 41 Resp: 141015

Ion Ratio Lower Upper

41 100

39 56.6 45.3 67.9

76 29.7 23.8 35.6



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.72

100000

80000

60000

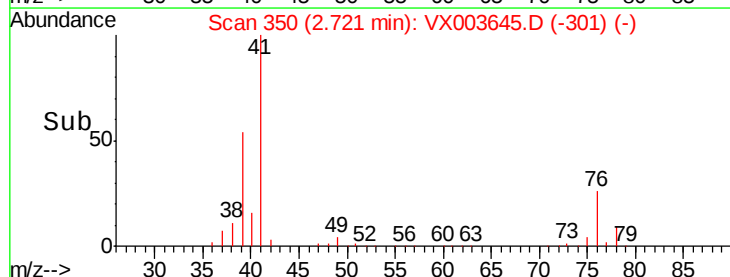
40000

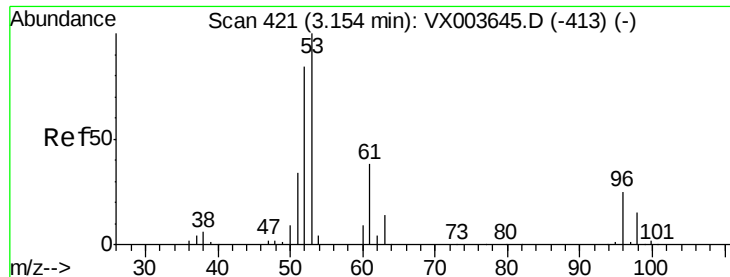
20000

0

Time-->

2.60 2.70 2.80

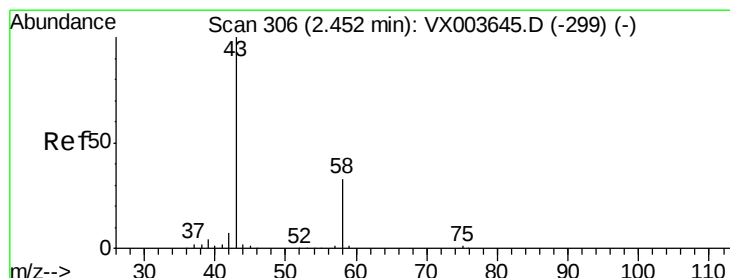
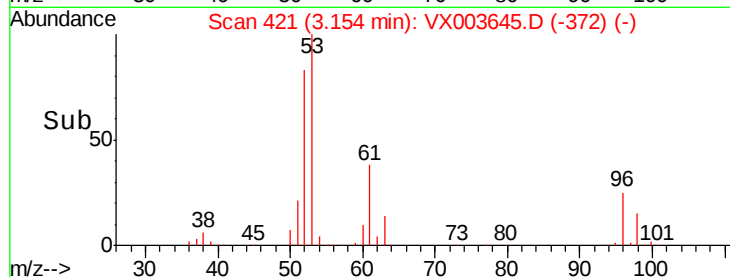
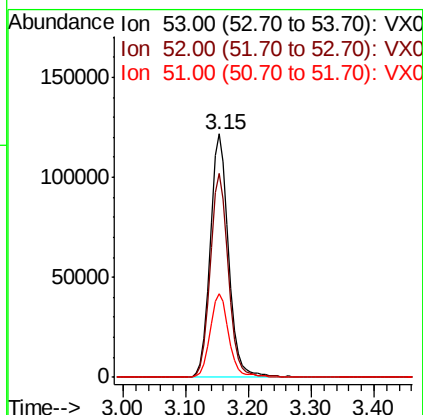
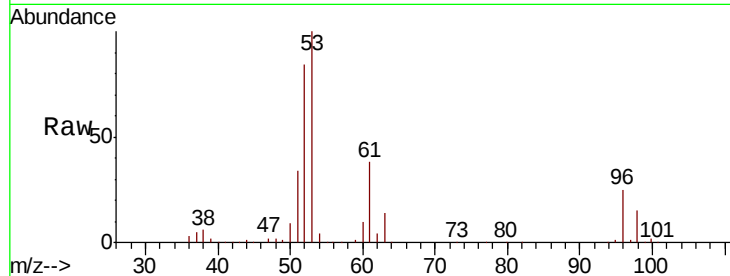




#15
Acrylonitrile
Concen: 240.164 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

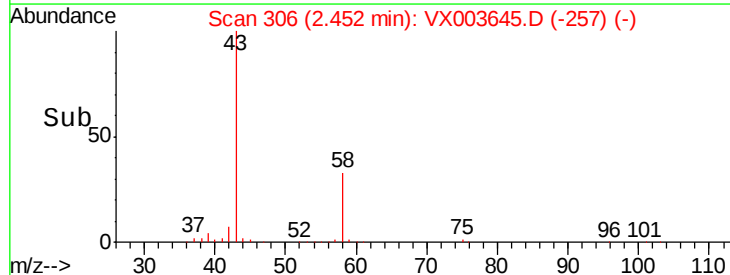
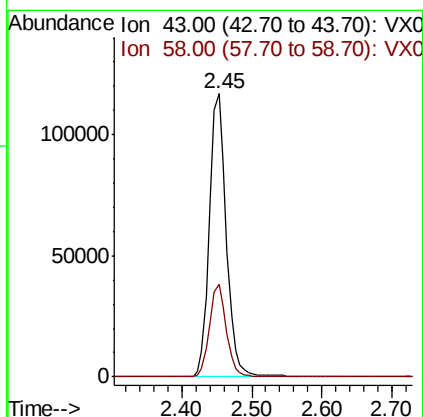
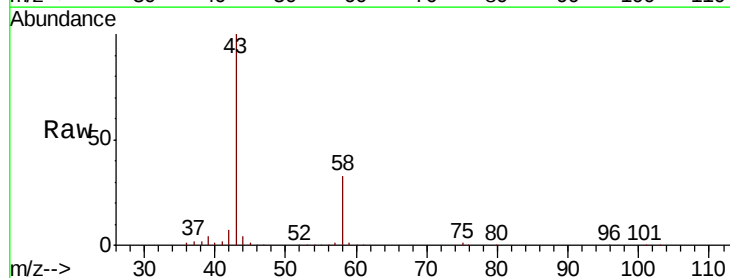
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

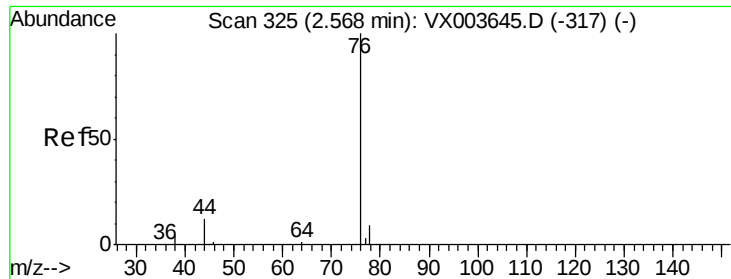
Tgt Ion: 53 Resp: 244801
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 35.3 28.2 42.4



#16
Acetone
Concen: 237.335 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 43 Resp: 196781
Ion Ratio Lower Upper
43 100
58 32.6 26.1 39.1

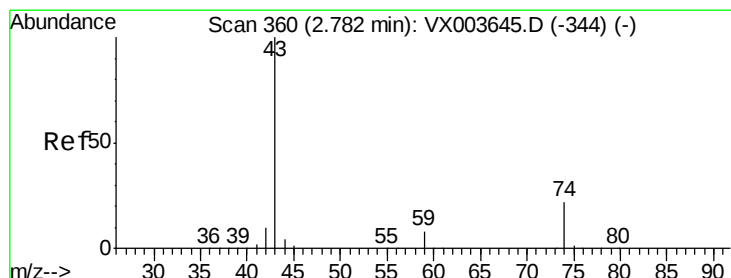
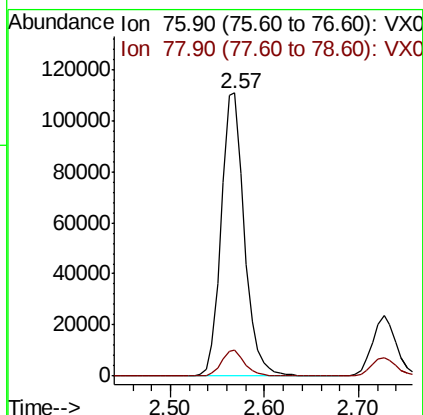
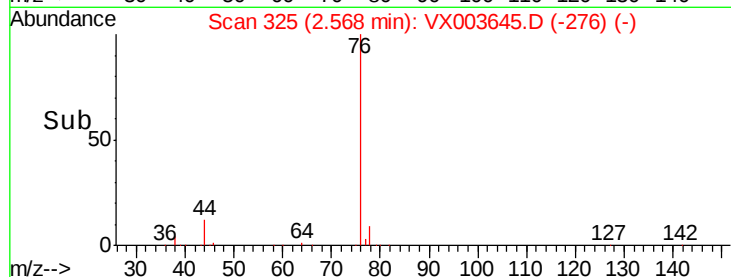
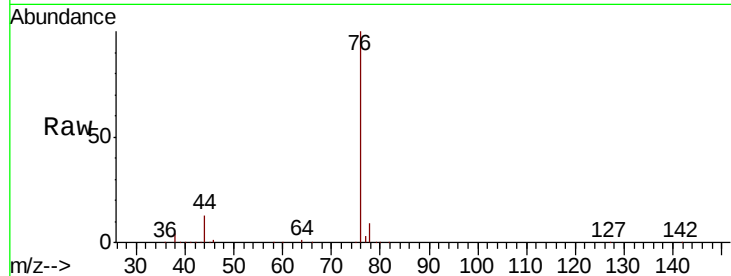




#17
Carbon Disulfide
Concen: 47.694 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

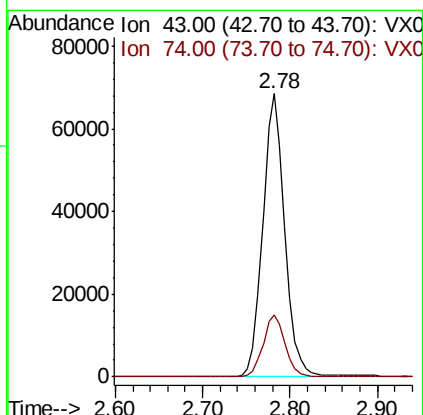
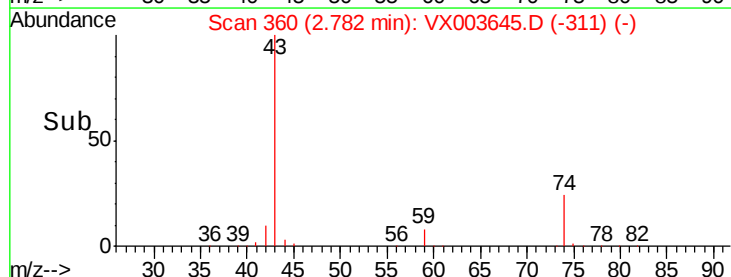
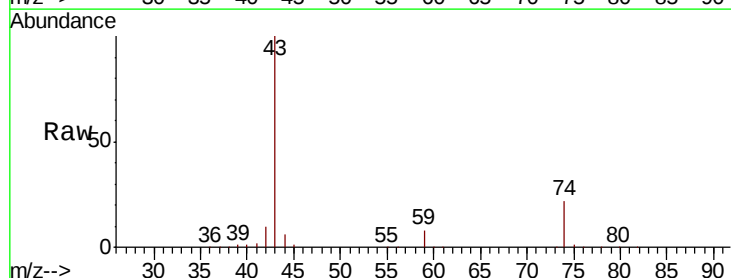
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

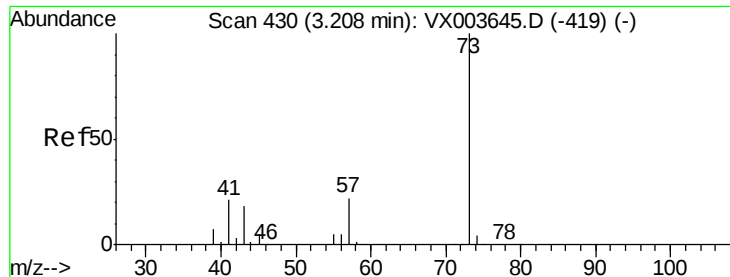
Tgt Ion: 76 Resp: 189060
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 47.767 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 43 Resp: 119617
Ion Ratio Lower Upper
43 100
74 22.3 17.8 26.8

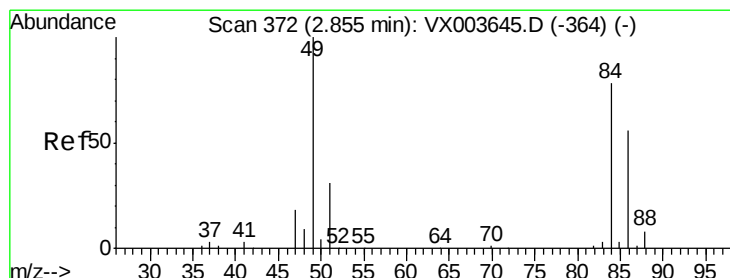
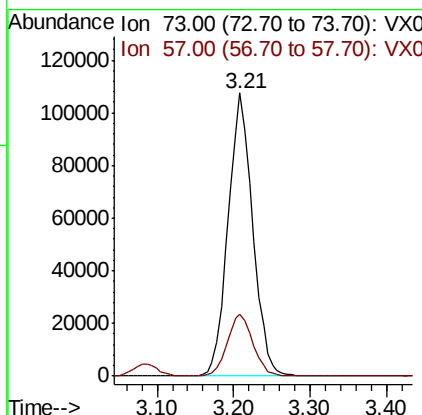
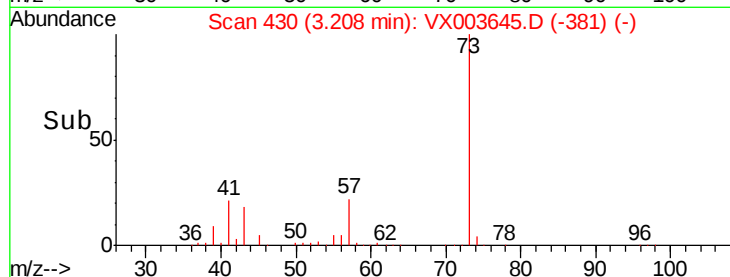
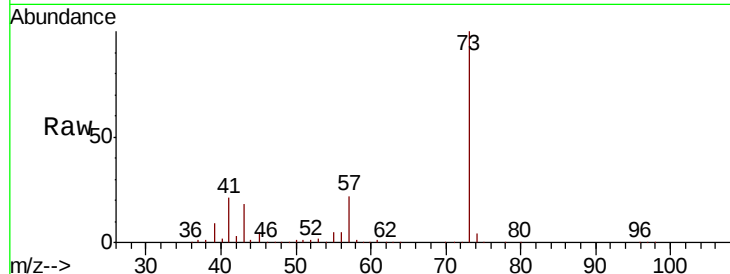




#19
Methyl tert-butyl Ether
Concen: 49.068 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

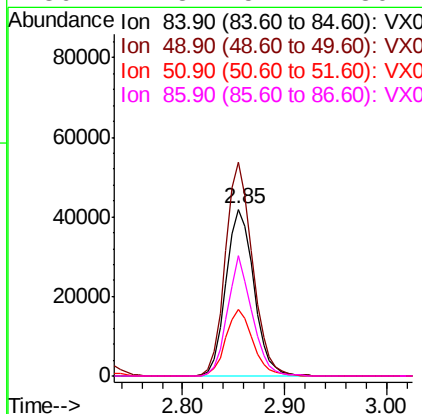
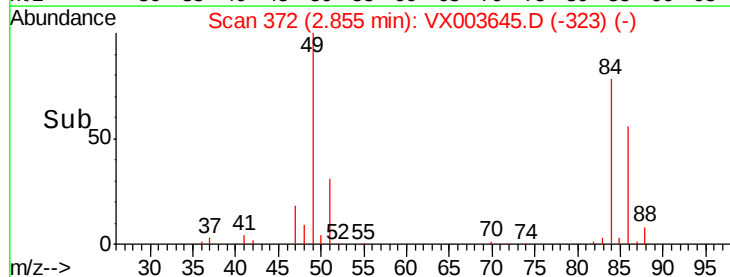
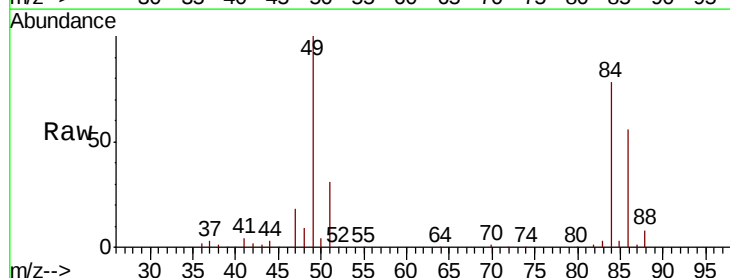
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

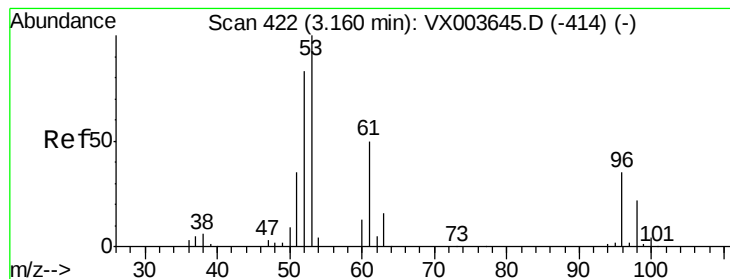
Tgt Ion: 73 Resp: 238819
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 48.329 ug/l
RT: 2.85 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 84 Resp: 79399
Ion Ratio Lower Upper
84 100
49 127.9 102.3 153.5
51 39.8 31.8 47.8
86 71.8 57.4 86.2





#21

trans-1,2-Dichloroethene

Concen: 48.698 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

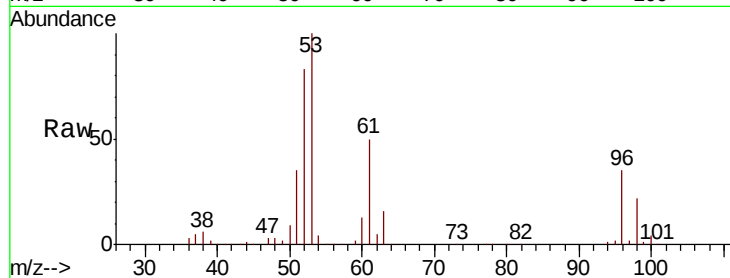
Tgt Ion: 96 Resp: 72163

Ion Ratio Lower Upper

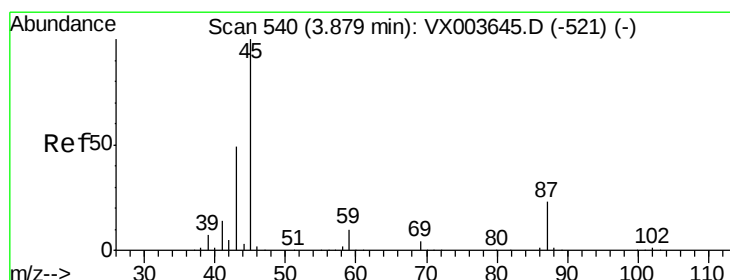
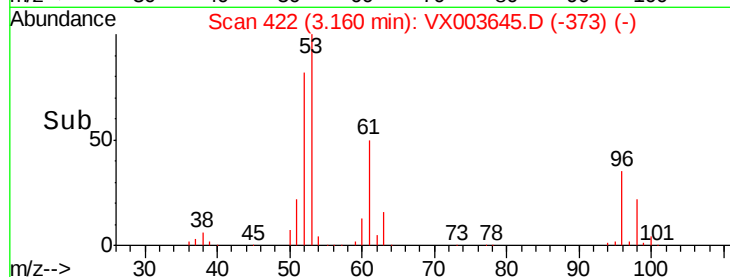
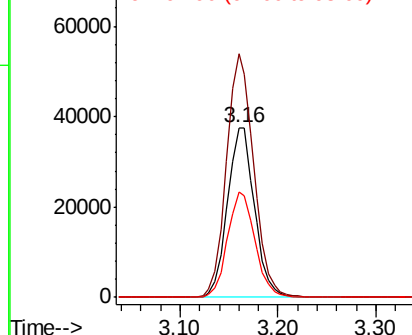
96 100

61 143.7 115.0 172.4

98 62.1 49.7 74.5



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: 49.311 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Tgt Ion: 45 Resp: 258645

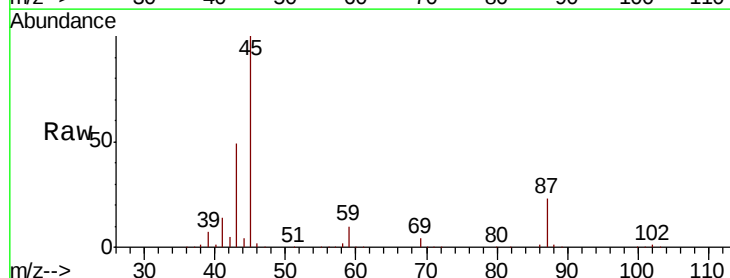
Ion Ratio Lower Upper

45 100

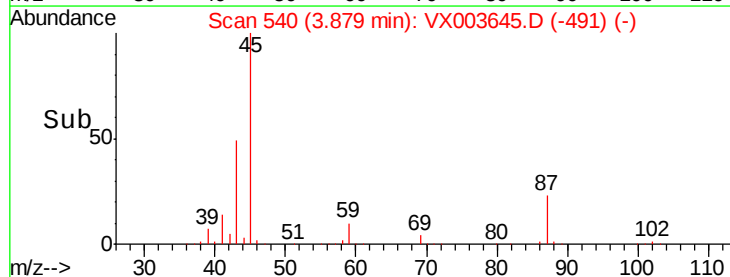
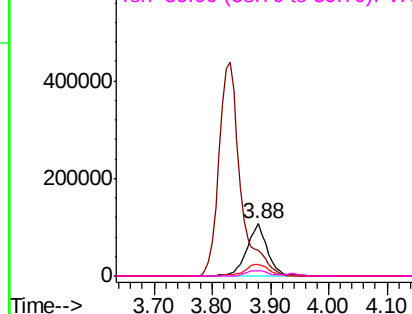
43 48.7 39.0 58.4

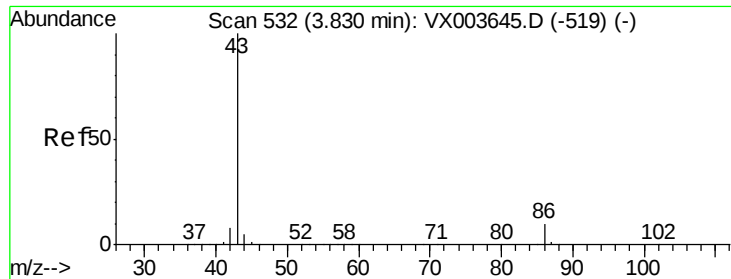
87 23.0 18.4 27.6

59 9.8 7.8 11.8



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: 248.754 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

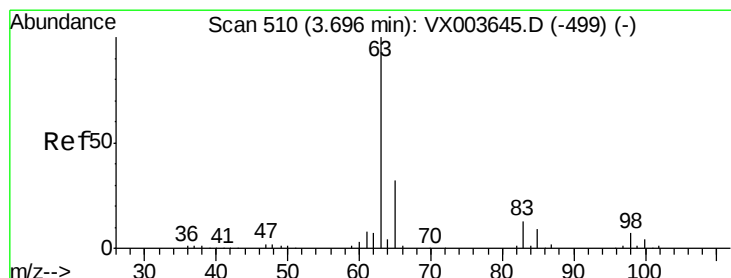
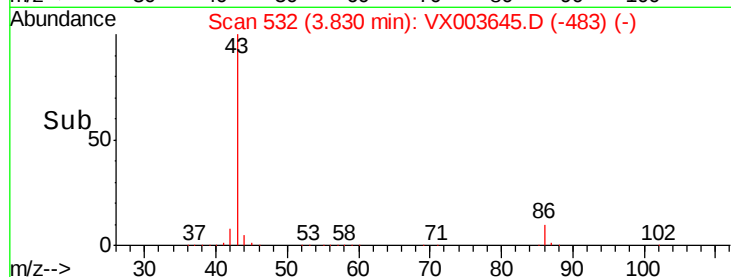
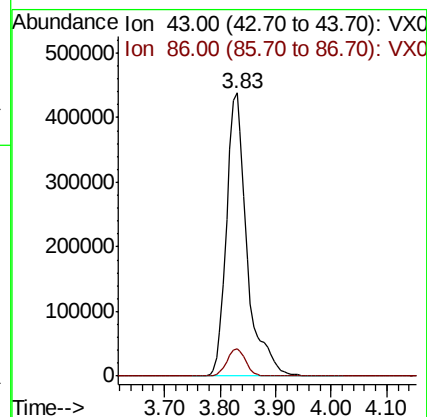
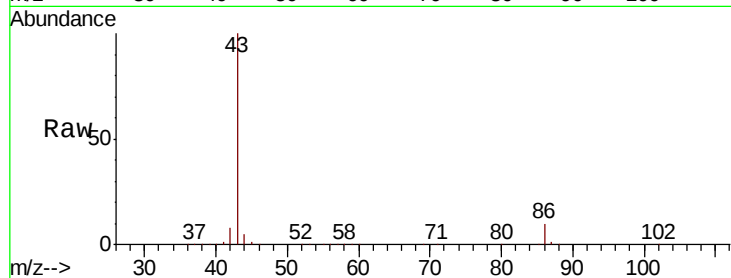
VSTDICCC050

Tgt Ion: 43 Resp: 1117688

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#24

1,1-Dichloroethane

Concen: 47.430 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

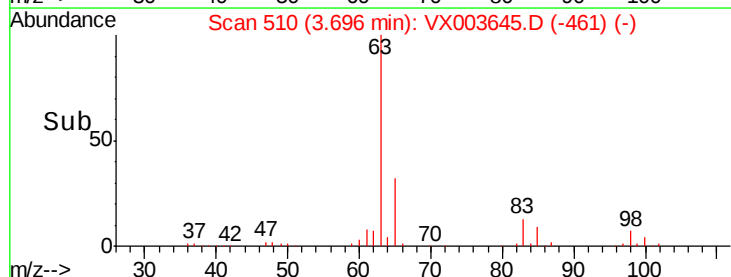
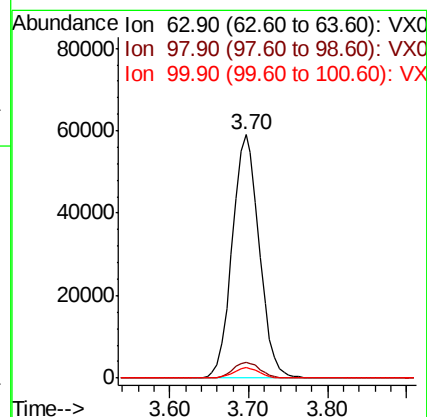
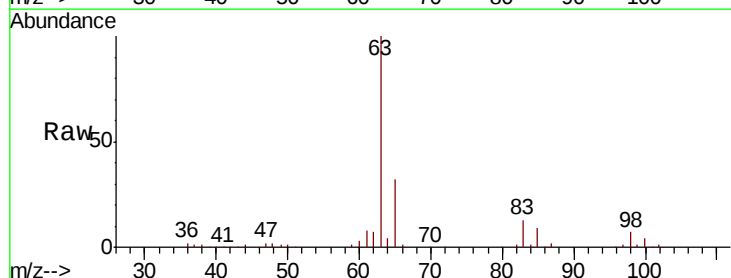
Tgt Ion: 63 Resp: 140216

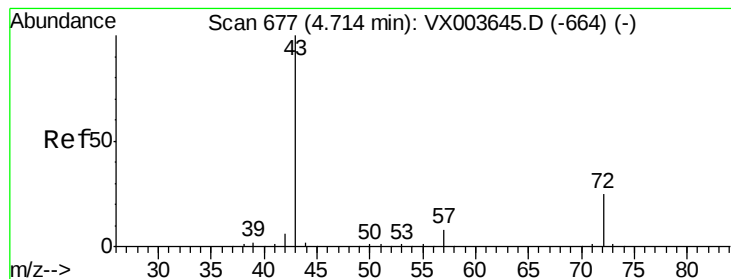
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 243.116 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

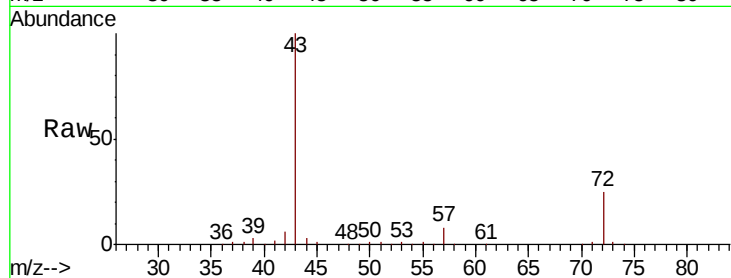
VSTDICCC050

Tgt Ion: 43 Resp: 311401

Ion Ratio Lower Upper

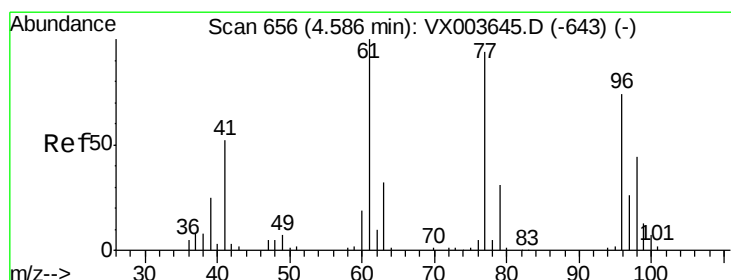
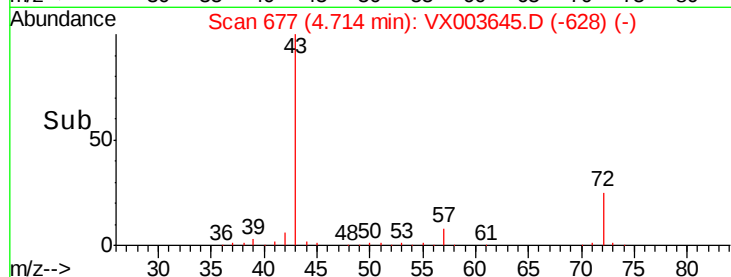
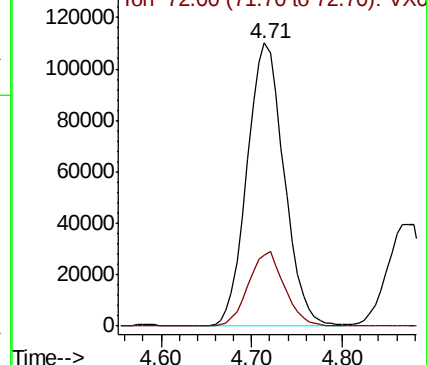
43 100

72 25.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.410 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003645.D

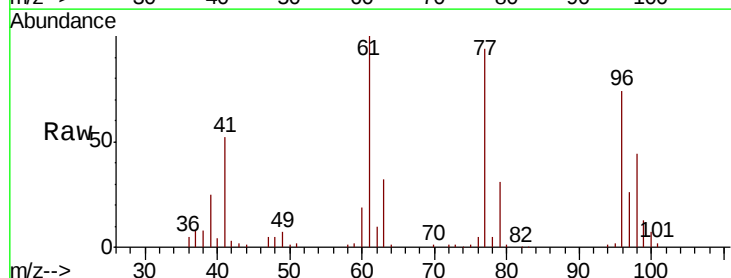
Acq: 24 Jul 2018 17:35

Tgt Ion: 77 Resp: 92354

Ion Ratio Lower Upper

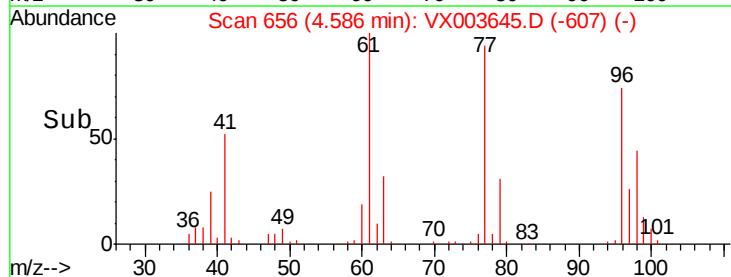
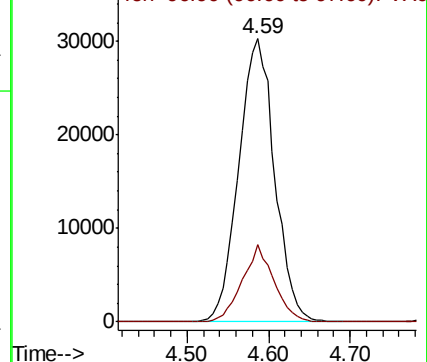
77 100

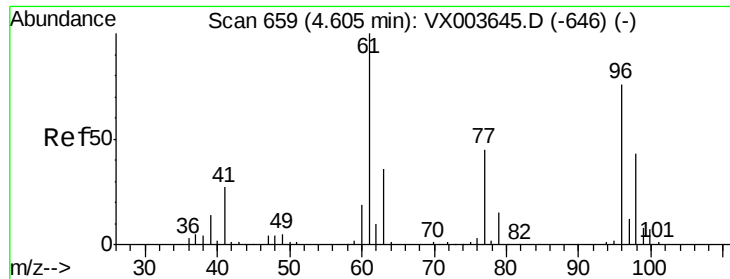
97 24.0 12.0 36.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

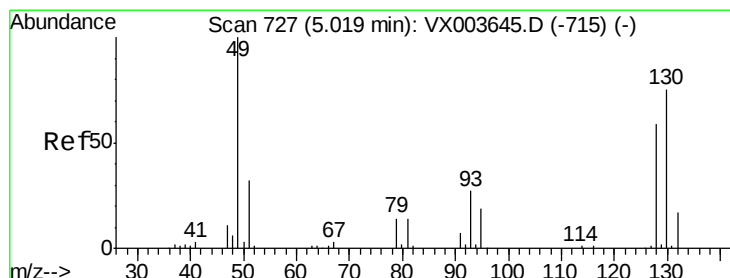
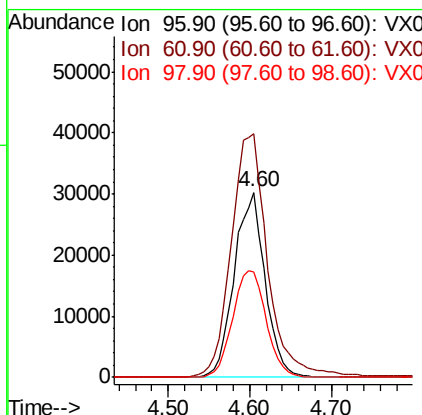
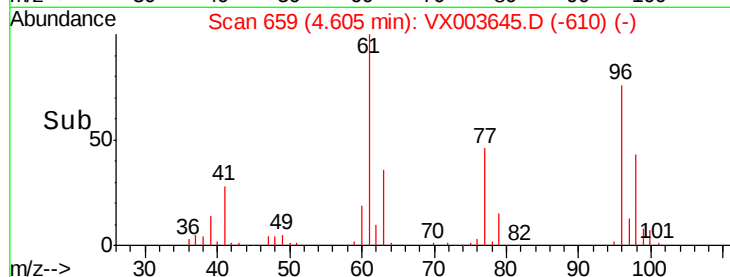
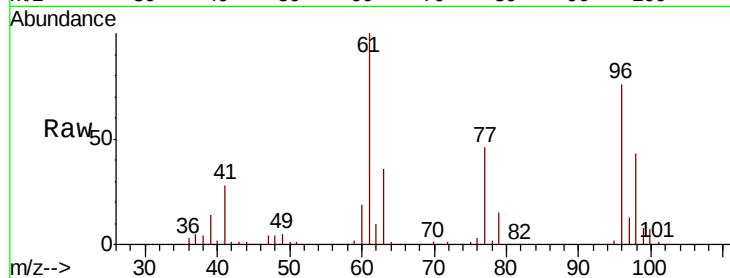




#27
 cis-1,2-Dichloroethene
 Concen: 49.094 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

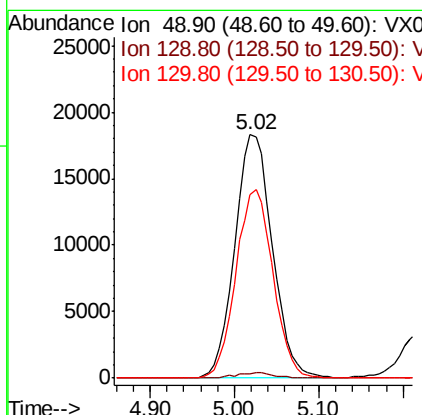
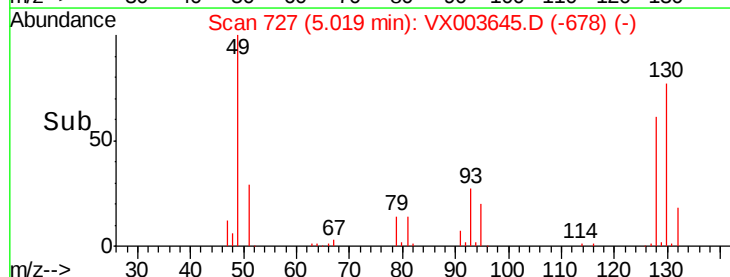
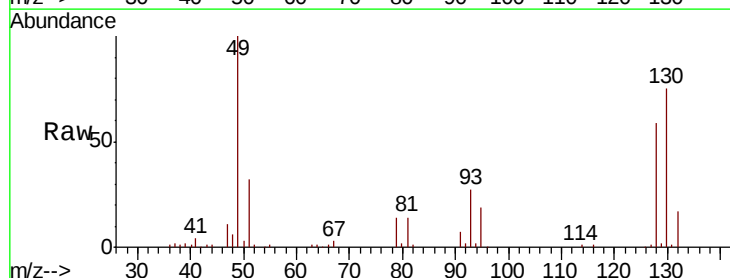
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

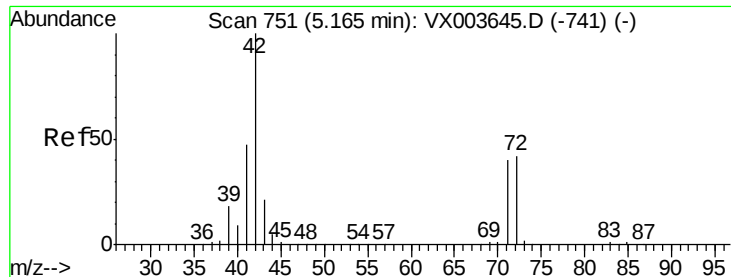
Tgt Ion: 96 Resp: 78989
 Ion Ratio Lower Upper
 96 100
 61 156.8 0.0 313.6
 98 62.8 0.0 125.6



#28
 Bromochloromethane
 Concen: 46.636 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 49 Resp: 55324
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 76.3 61.0 91.6

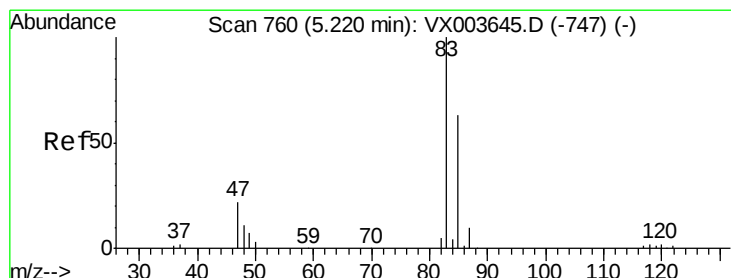
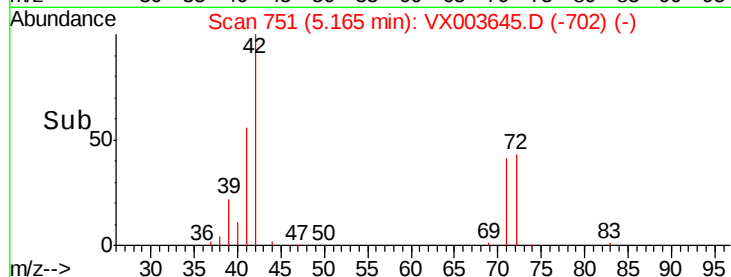
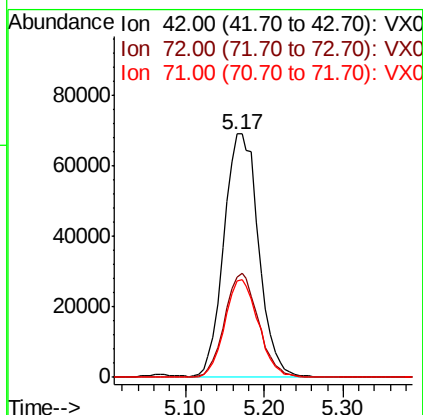
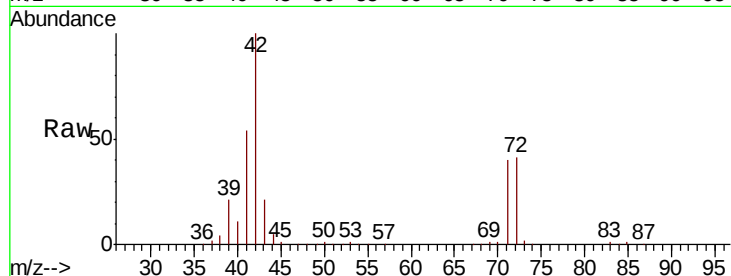




#29
Tetrahydrofuran
Concen: 253.643 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

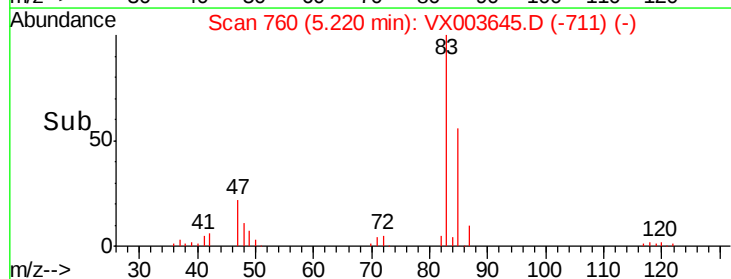
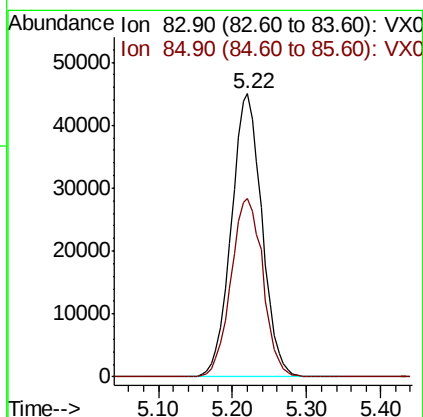
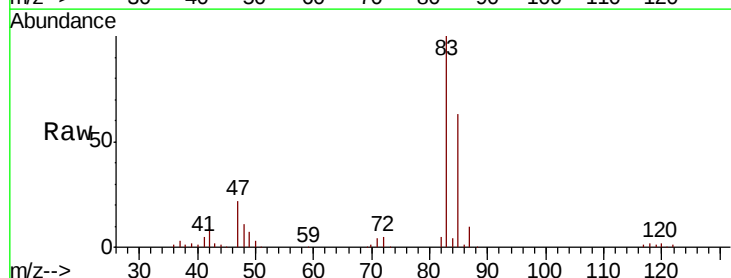
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

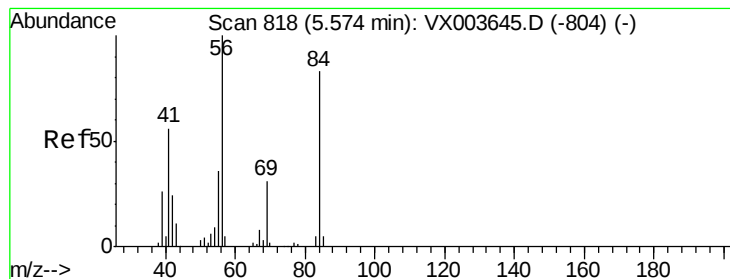
Tgt Ion: 42 Resp: 211488
Ion Ratio Lower Upper
42 100
72 41.7 33.4 50.0
71 38.8 31.0 46.6



#30
Chloroform
Concen: 48.312 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 83 Resp: 129543
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4





#31

Cyclohexane

Concen: 49.908 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

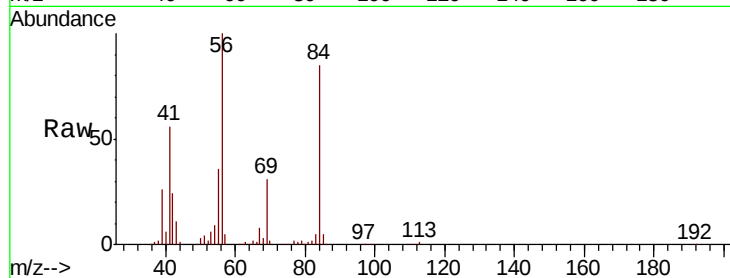
Tgt Ion: 56 Resp: 118429

Ion Ratio Lower Upper

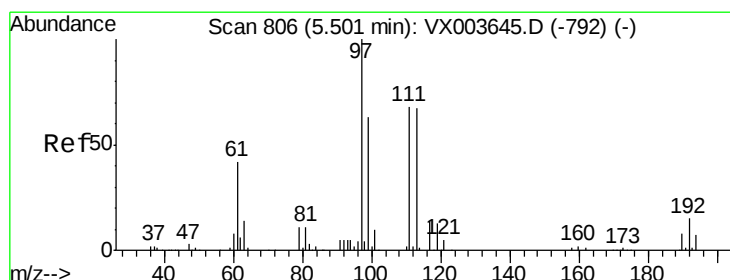
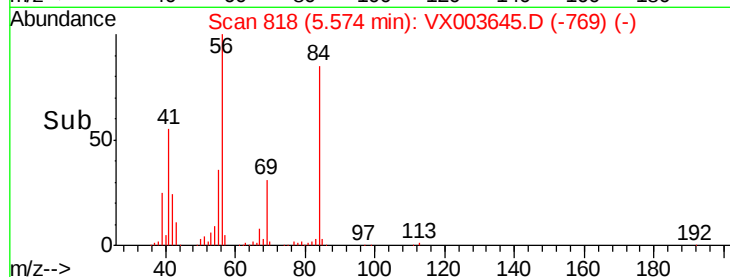
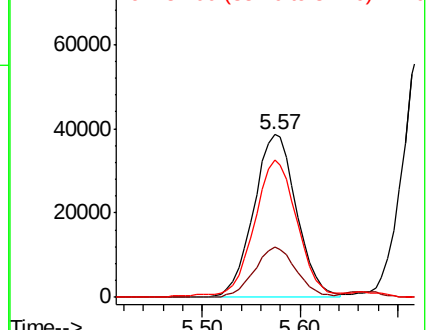
56 100

69 31.3 25.0 37.6

84 83.1 66.5 99.7



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: 49.862 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

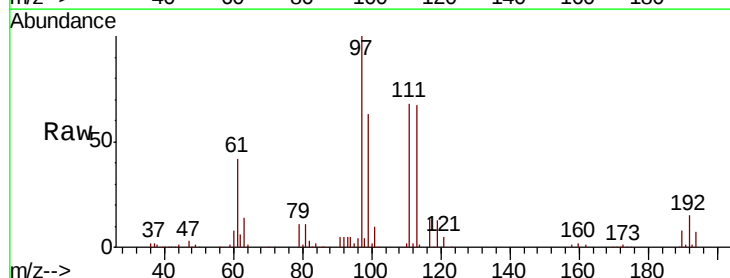
Tgt Ion: 97 Resp: 111036

Ion Ratio Lower Upper

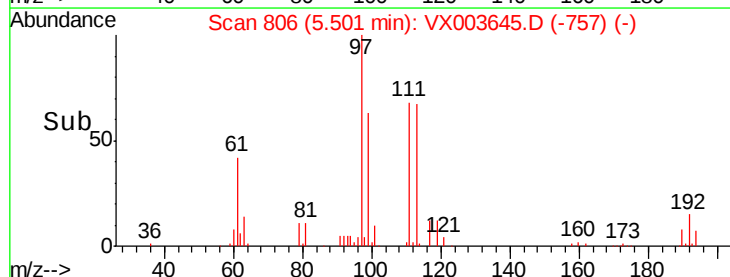
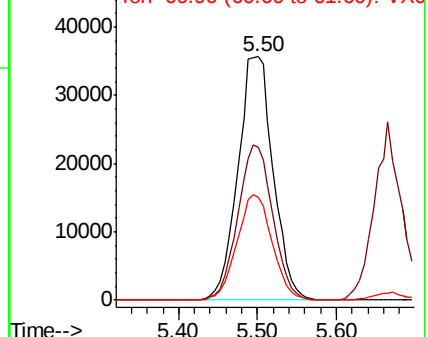
97 100

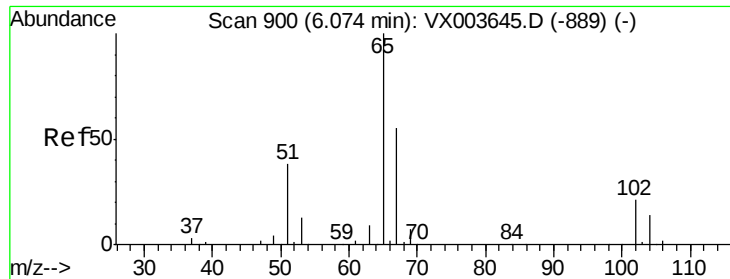
99 63.0 50.4 75.6

61 43.1 34.5 51.7



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

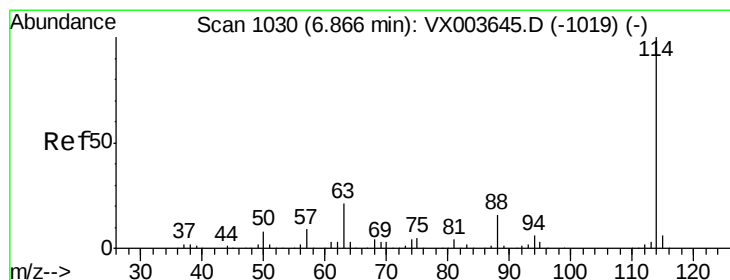
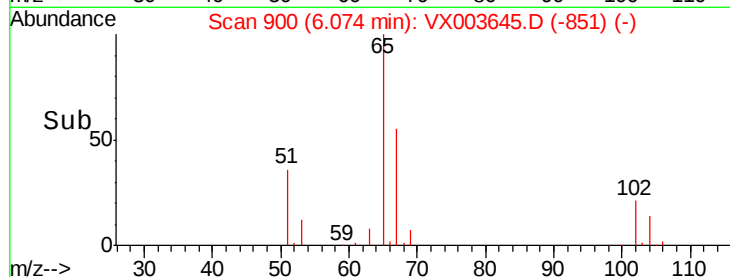
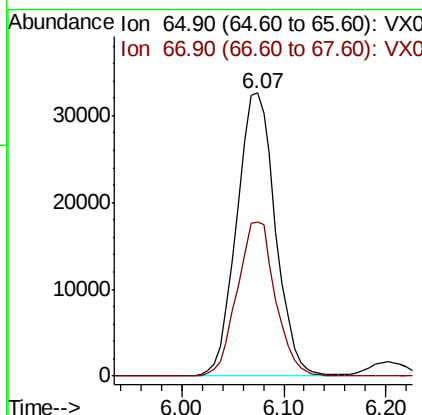
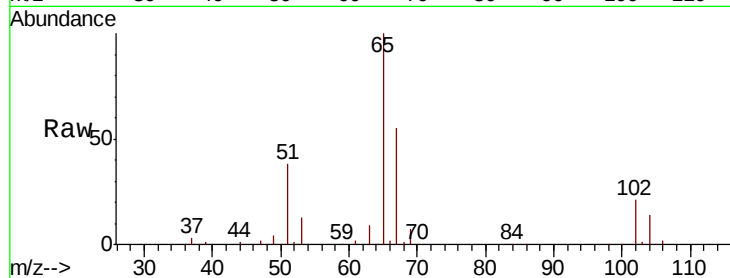




#33
 1,2-Dichloroethane-d4
 Concen: 48.699 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

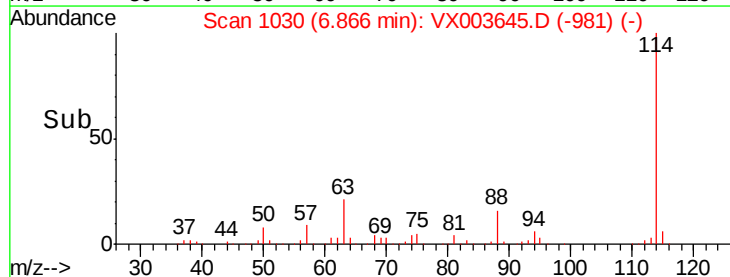
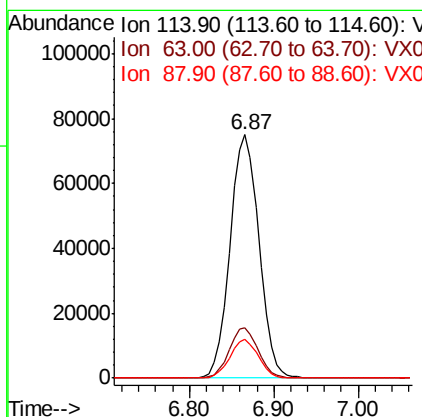
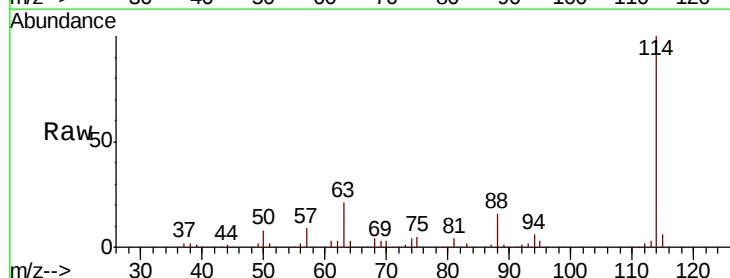
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

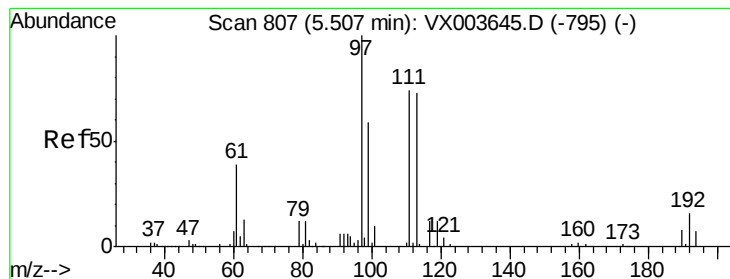
Tgt Ion: 65 Resp: 85947
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 114 Resp: 174149
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 41.0
 88 15.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.633 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

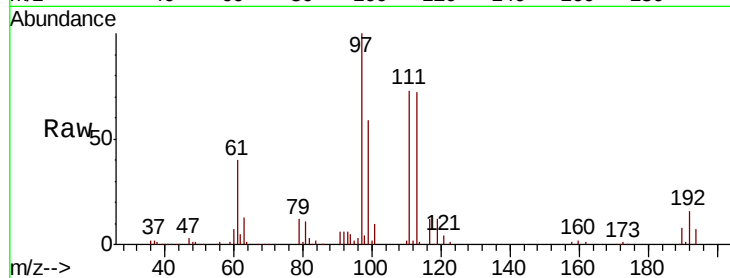
Tgt Ion:113 Resp: 70660

Ion Ratio Lower Upper

113 100

111 101.5 81.2 121.8

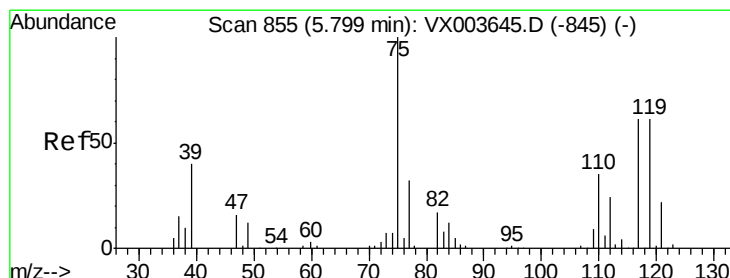
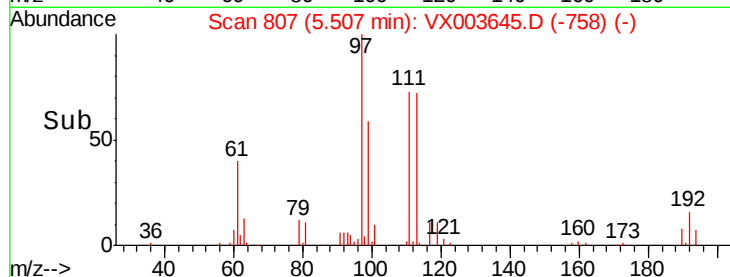
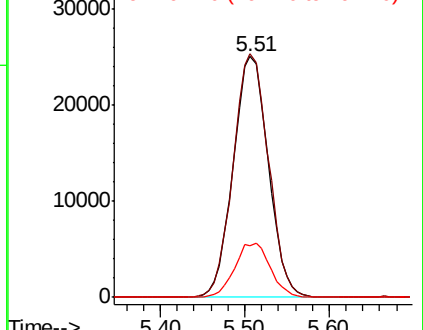
192 22.8 18.2 27.4



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: 48.355 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

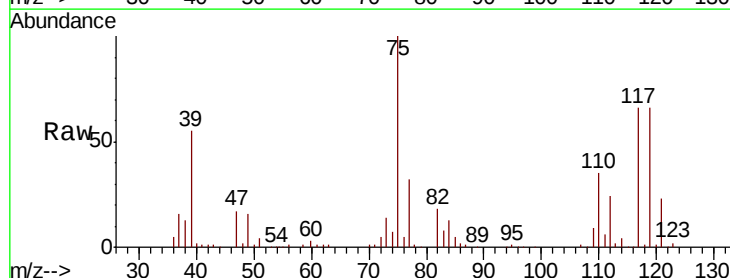
Tgt Ion: 75 Resp: 98430

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.1

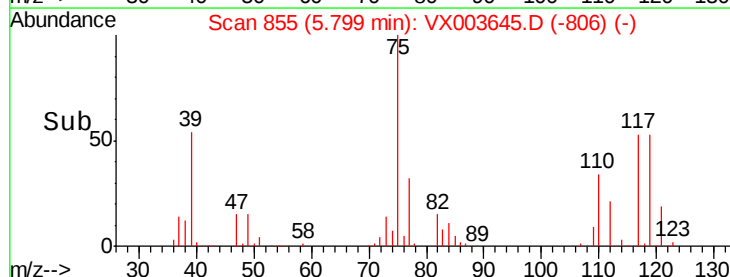
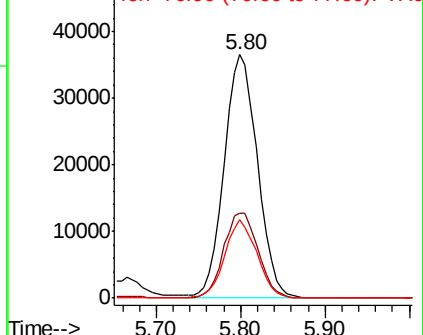
77 31.4 25.1 37.7

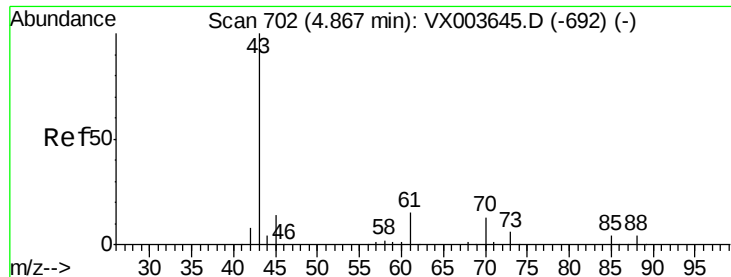


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.161 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

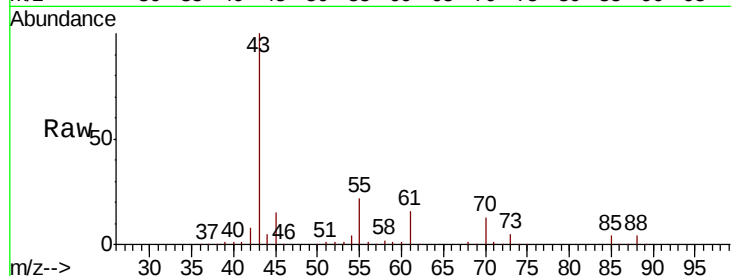
Tgt Ion: 43 Resp: 117884

Ion Ratio Lower Upper

43 100

61 14.9 11.9 17.9

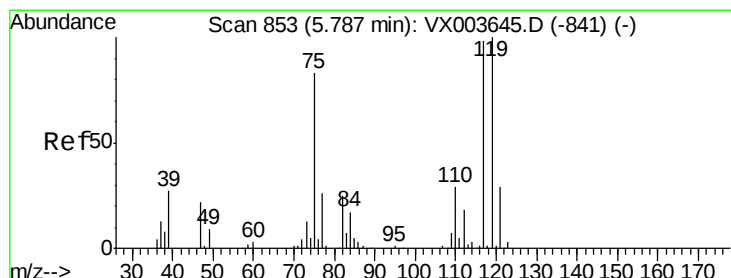
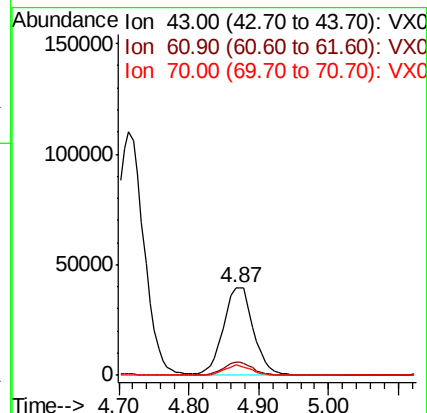
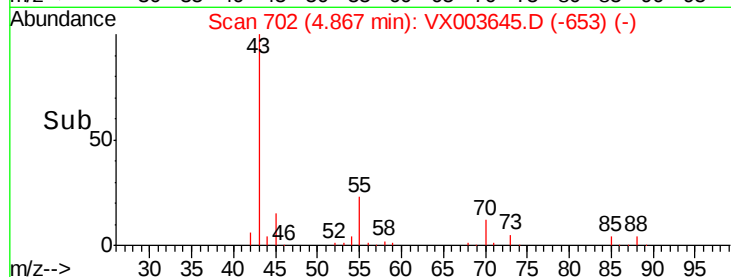
70 10.7 8.6 12.8



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: 48.850 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

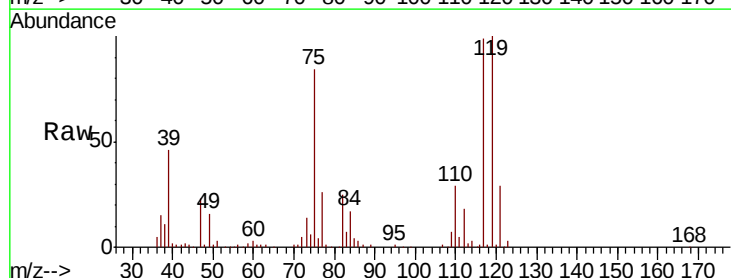
Tgt Ion: 117 Resp: 95843

Ion Ratio Lower Upper

117 100

119 101.2 81.0 121.4

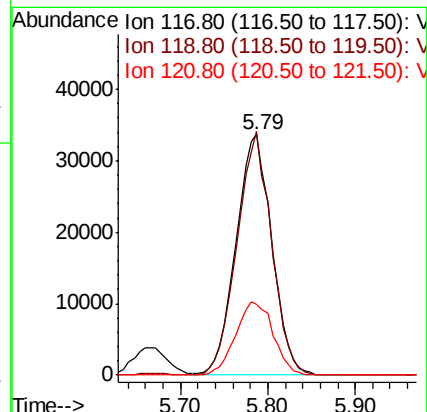
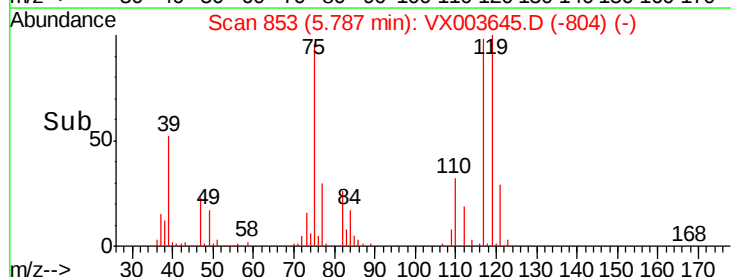
121 29.6 23.7 35.5

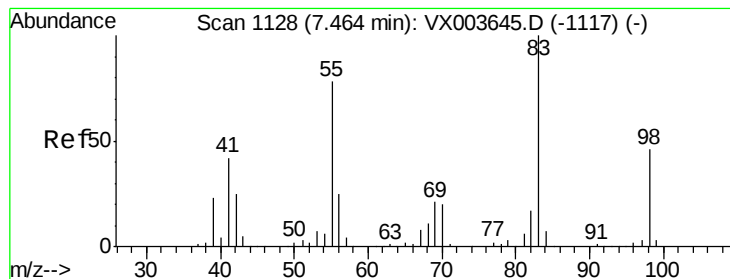


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#39

Methylcyclohexane

Concen: 51.529 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

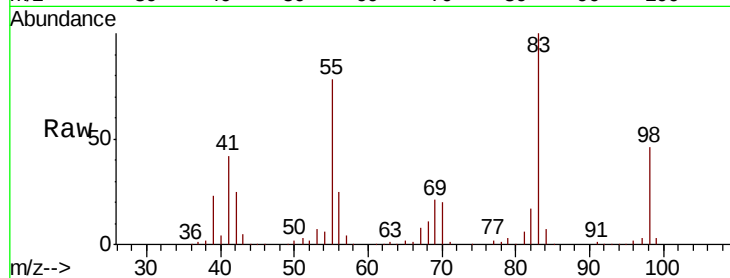
Tgt Ion: 83 Resp: 115460

Ion Ratio Lower Upper

83 100

55 78.2 62.6 93.8

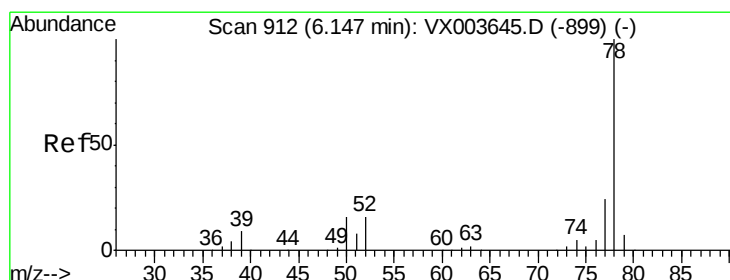
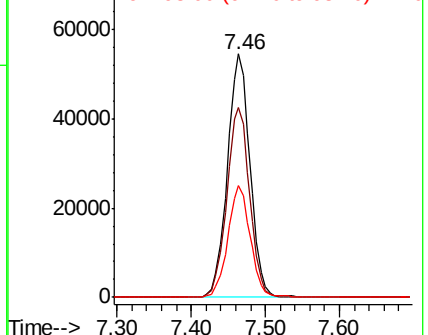
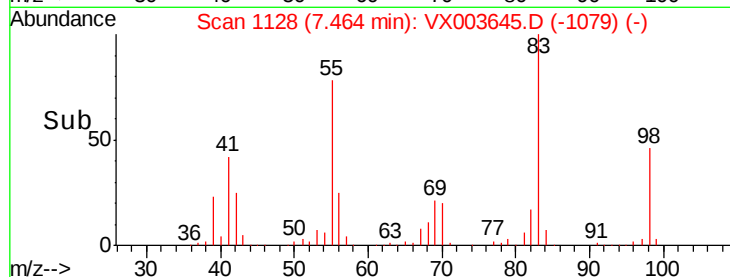
98 45.8 36.6 55.0



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: 49.908 ug/l

RT: 6.15 min Scan# 912

Delta R.T. 0.00 min

Lab File: VX003645.D

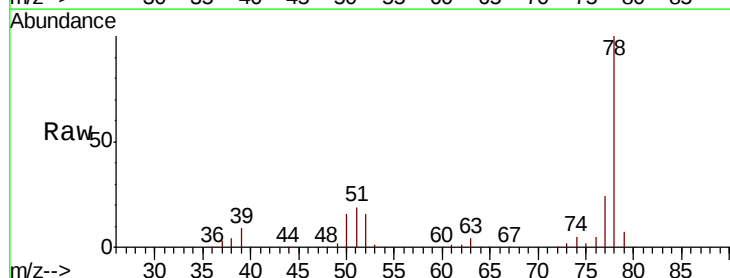
Acq: 24 Jul 2018 17:35

Tgt Ion: 78 Resp: 300641

Ion Ratio Lower Upper

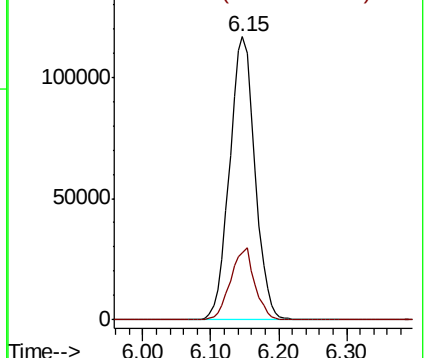
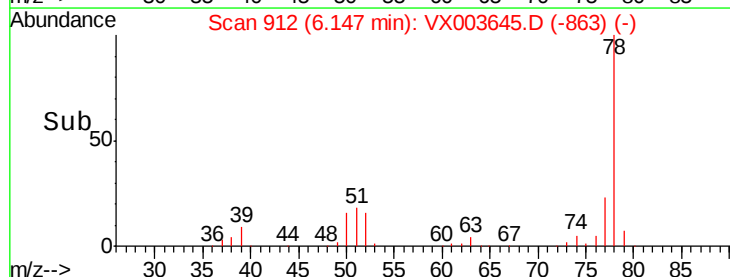
78 100

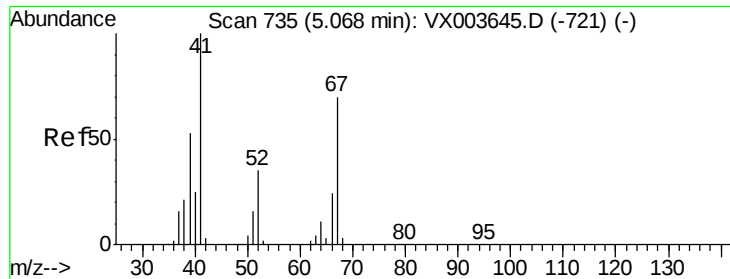
77 23.8 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

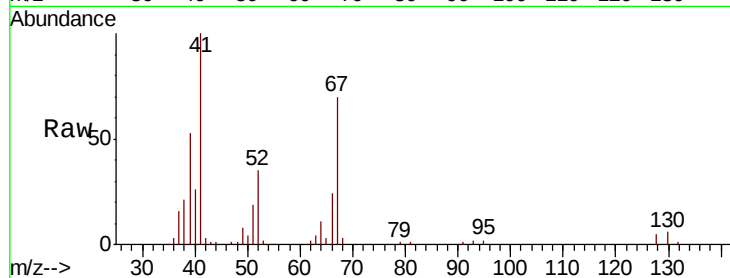




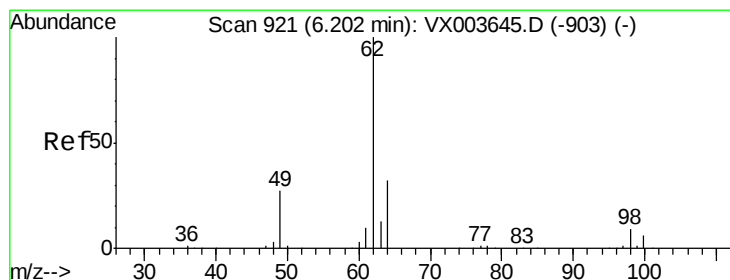
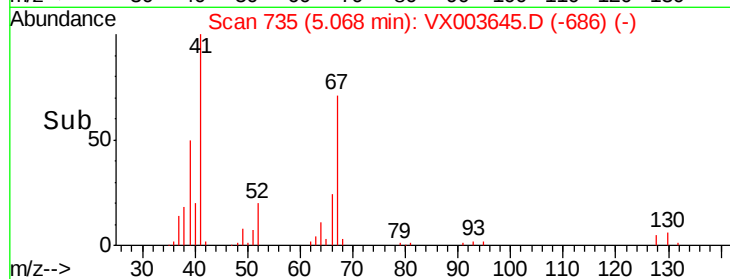
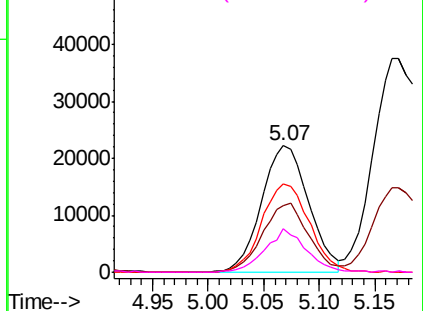
#41
Methacrylonitrile
Concen: 48.574 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	65837
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.2	63.4
67	70.7	56.6	84.8
52	30.0	24.0	36.0

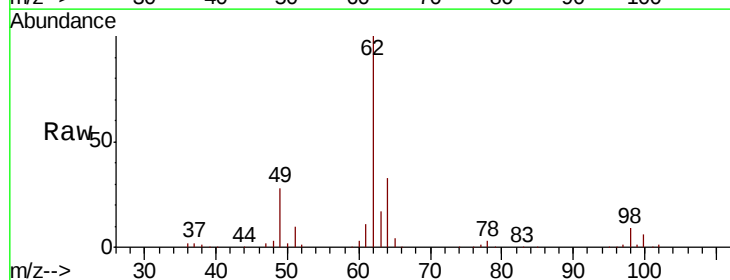


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

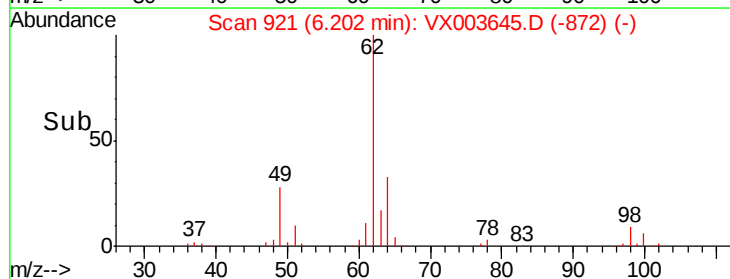
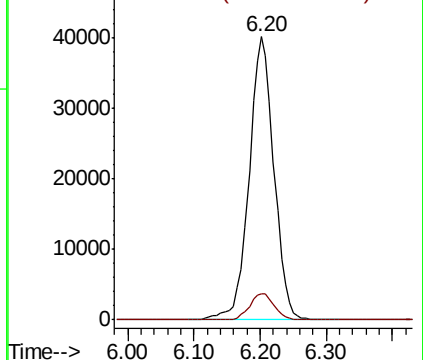


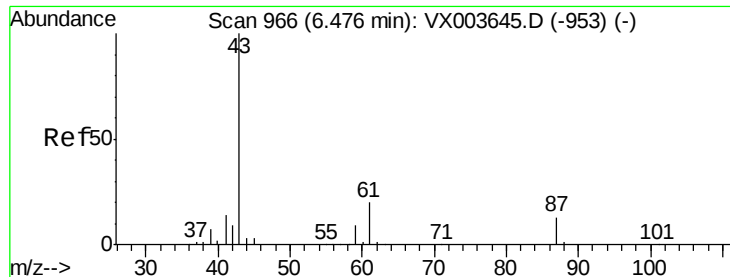
#42
1,2-Dichloroethane
Concen: 49.331 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion:	62	Resp:	104593
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

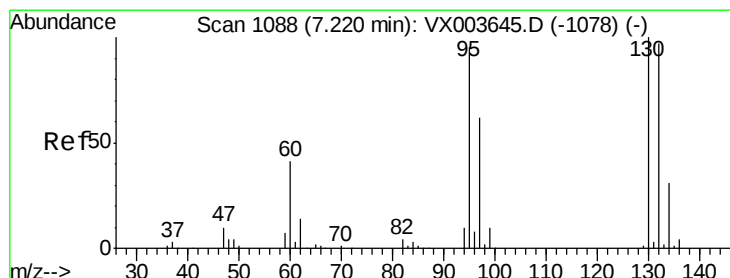
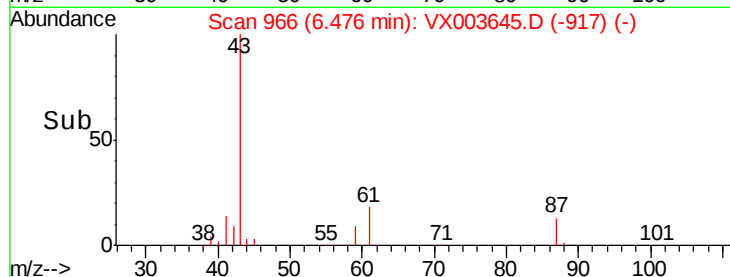
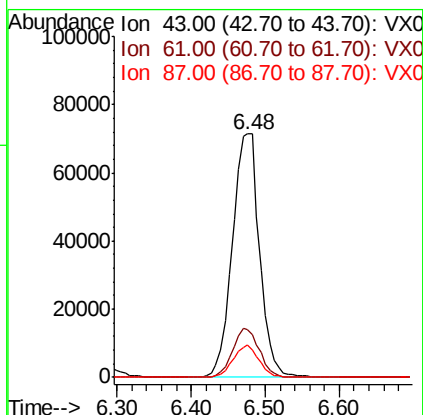
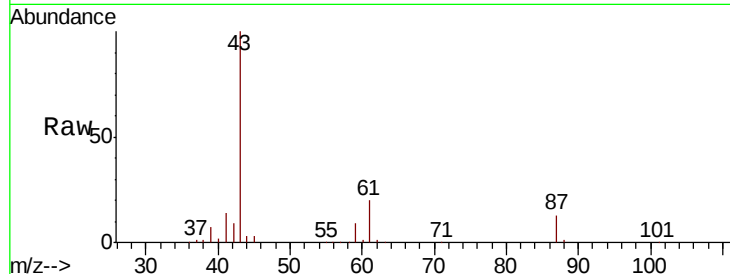




#43
Isopropyl Acetate
Concen: 51.059 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

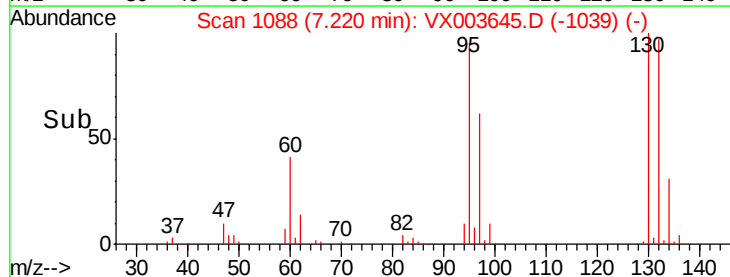
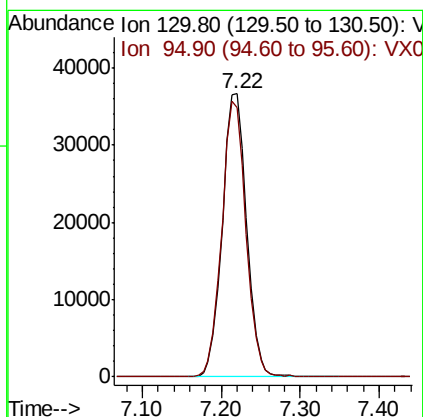
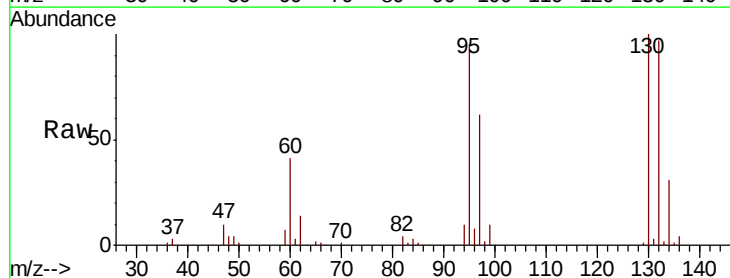
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

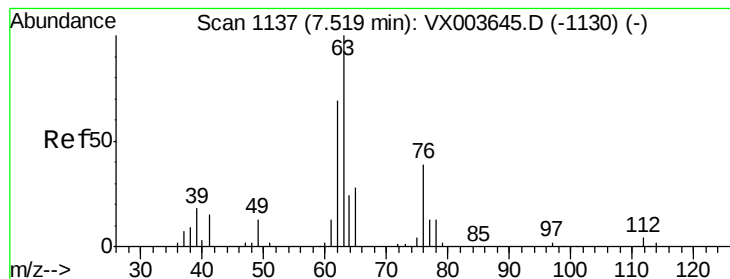
Tgt Ion: 43 Resp: 182321
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9
87 12.6 10.1 15.1



#44
Trichloroethene
Concen: 48.805 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 130 Resp: 78825
Ion Ratio Lower Upper
130 100
95 95.0 0.0 190.0





#45

1,2-Dichloropropane

Concen: 50.497 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

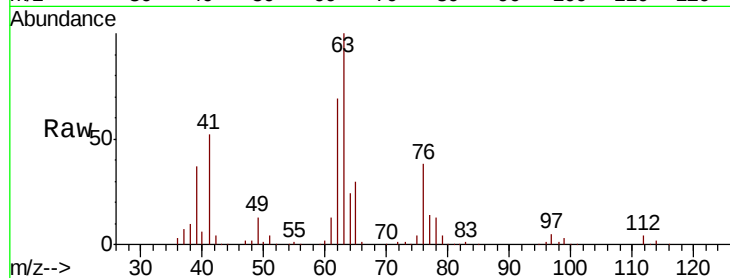
VSTDICCC050

Tgt Ion: 63 Resp: 78631

Ion Ratio Lower Upper

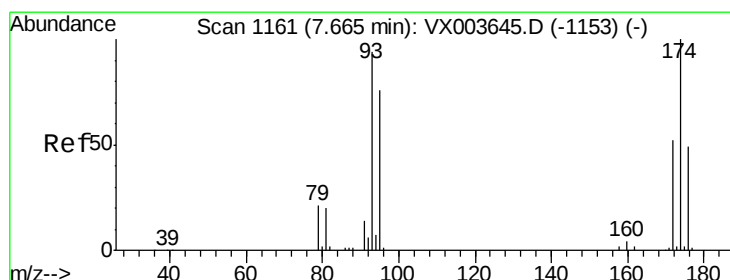
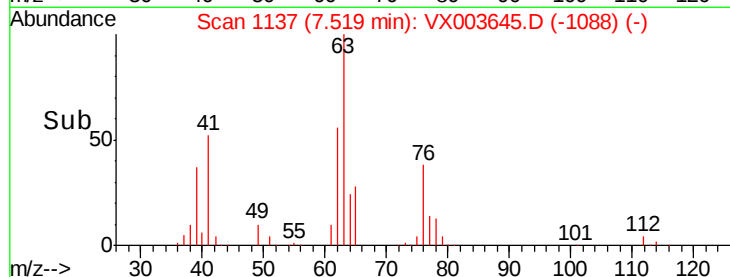
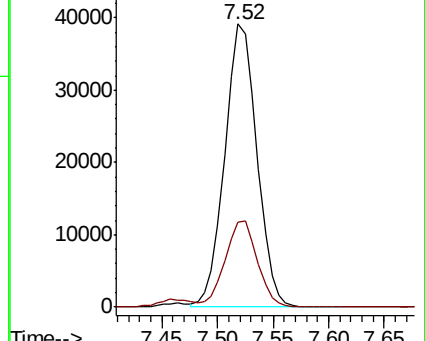
63 100

65 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.746 ug/l

RT: 7.66 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

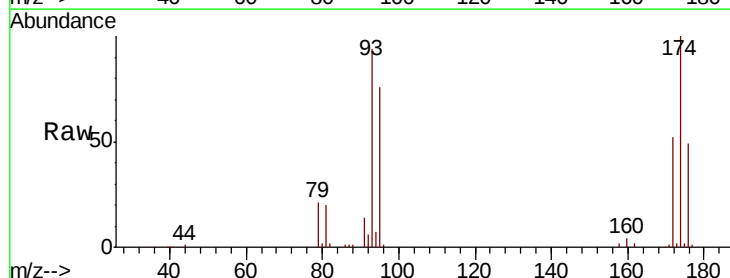
Tgt Ion: 93 Resp: 49761

Ion Ratio Lower Upper

93 100

95 83.8 67.0 100.6

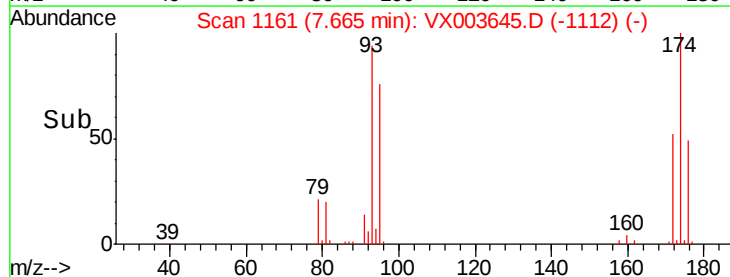
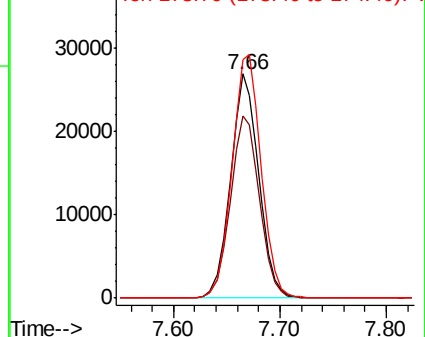
174 112.0 89.6 134.4

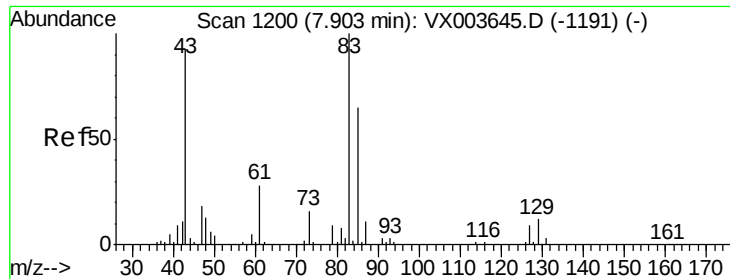


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.744 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

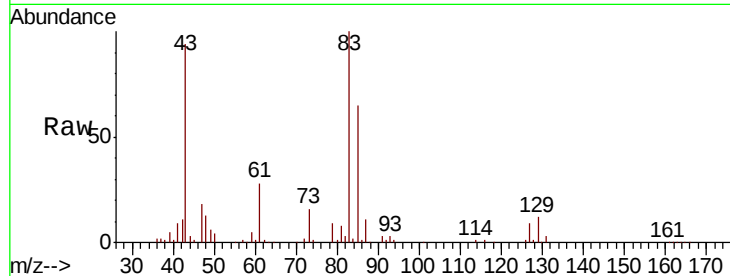
Tgt Ion: 83 Resp: 95170

Ion Ratio Lower Upper

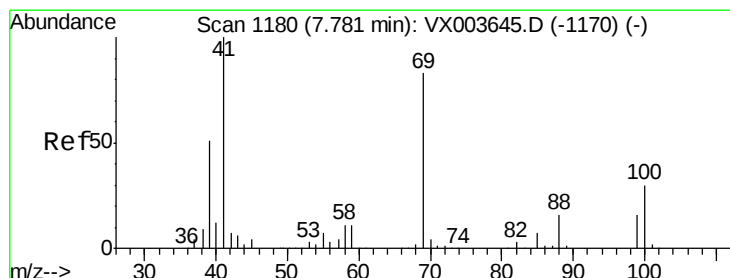
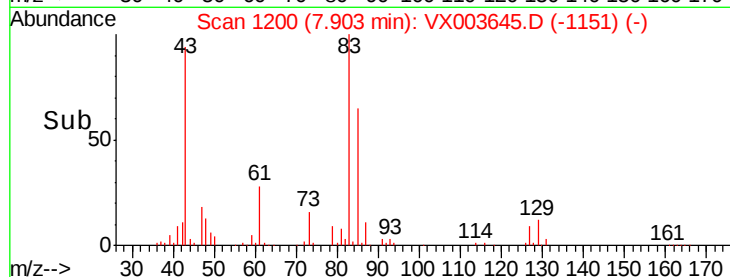
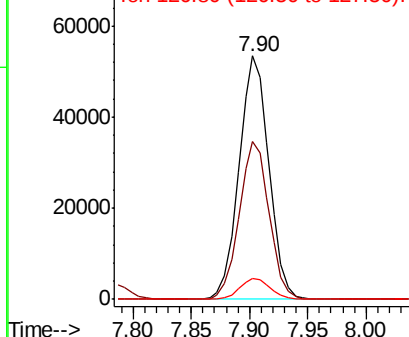
83 100

85 64.7 51.8 77.6

127 8.8 7.0 10.6



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: 51.610 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

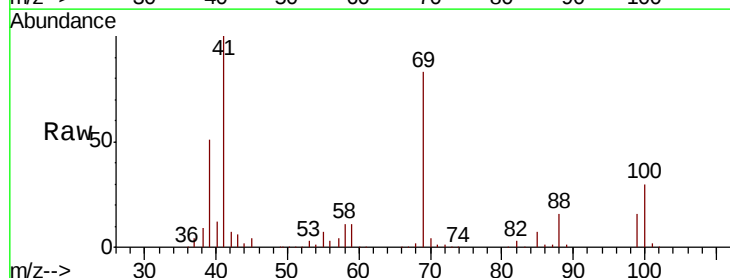
Tgt Ion: 41 Resp: 93517

Ion Ratio Lower Upper

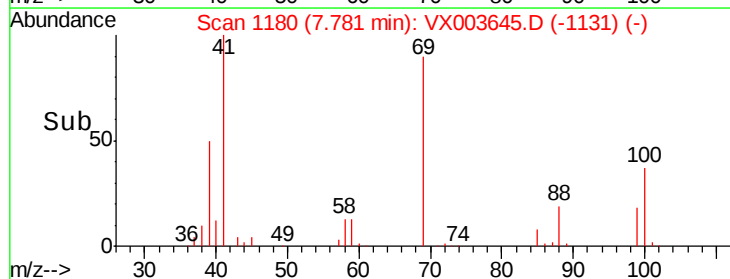
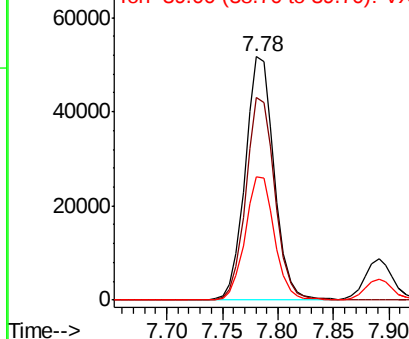
41 100

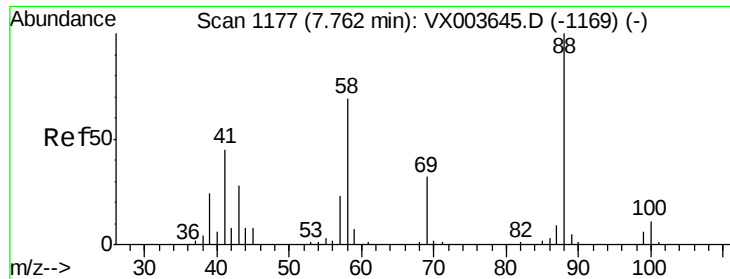
69 83.6 66.9 100.3

39 51.5 41.2 61.8



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

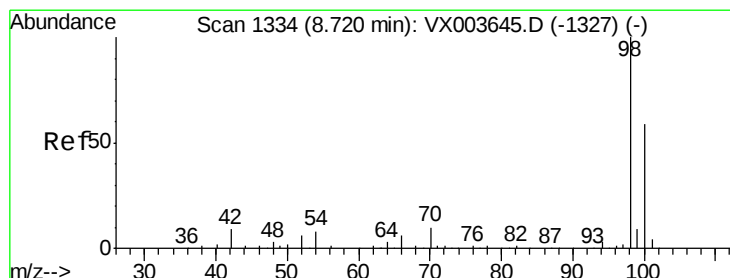
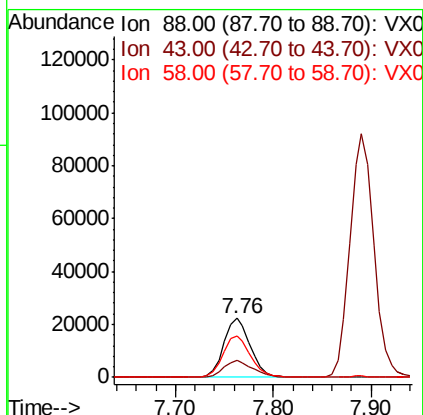
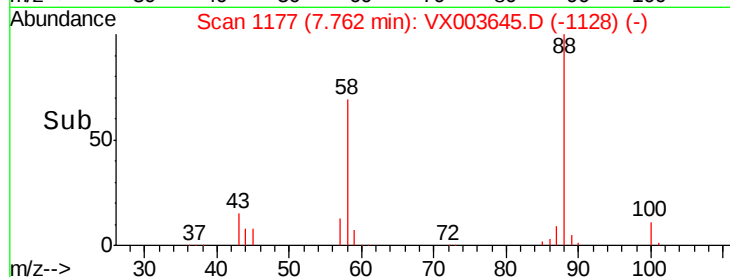
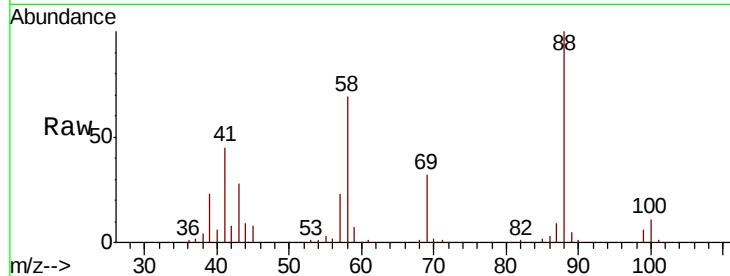




#49
1,4-Dioxane
Concen: 1044.701 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

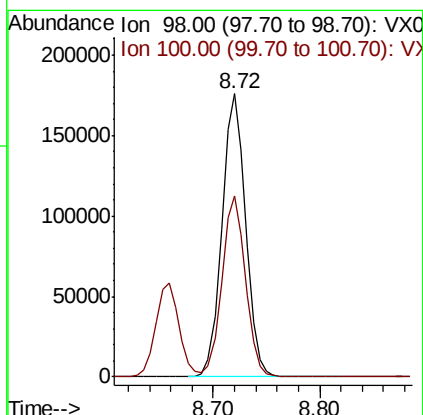
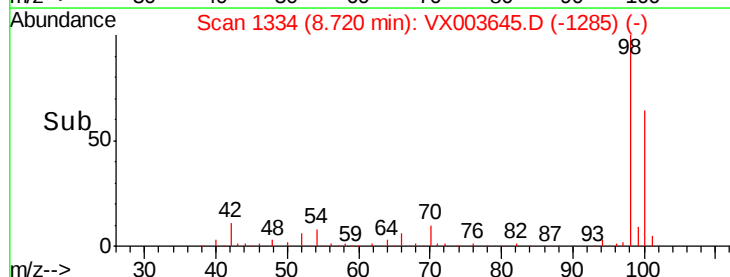
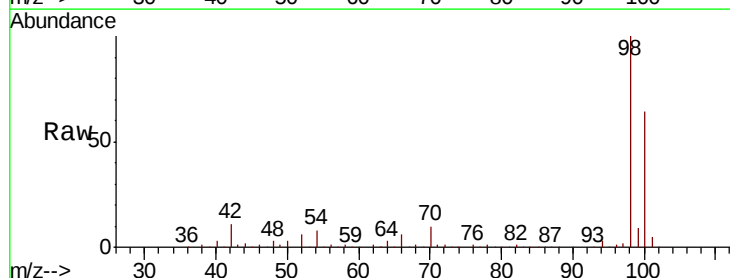
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 42233
Ion Ratio Lower Upper
88 100
43 32.2 25.8 38.6
58 72.9 58.3 87.5



#50
Toluene-d8
Concen: 50.045 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 98 Resp: 271901
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

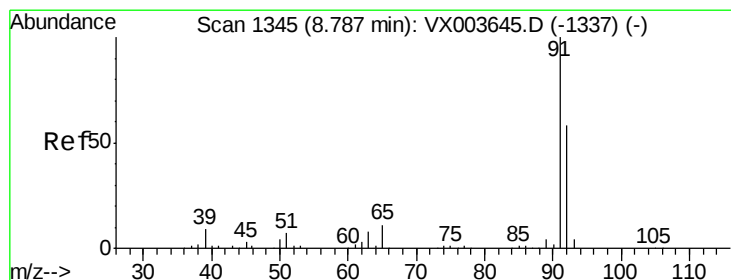
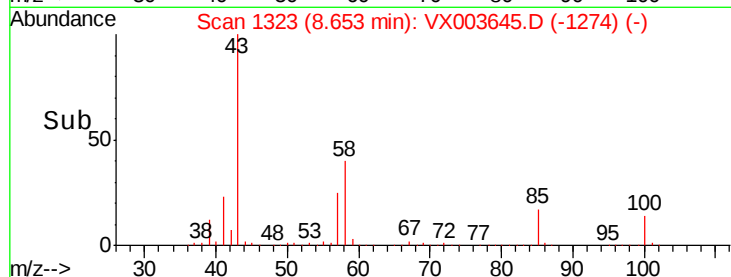
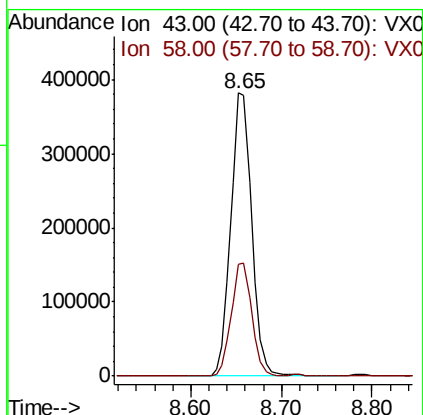
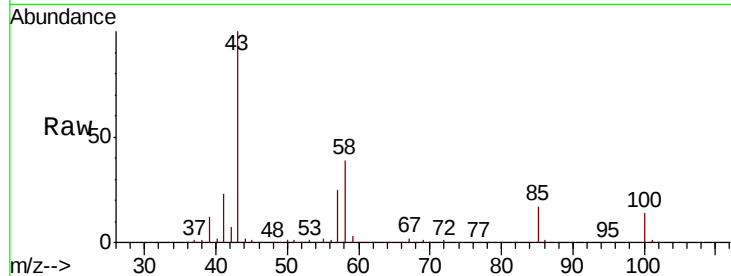




#51
4-Methyl-2-Pentanone
Concen: 253.771 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

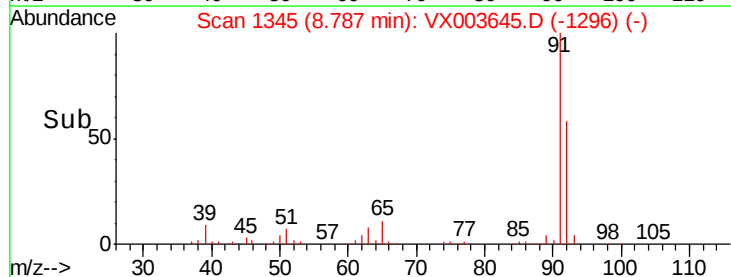
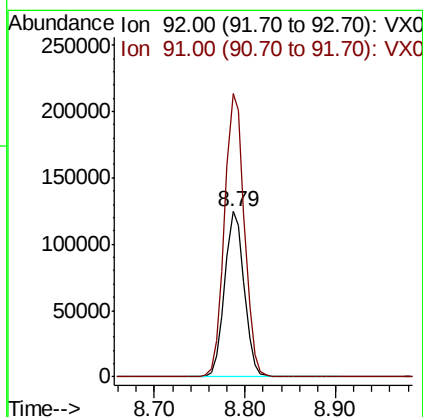
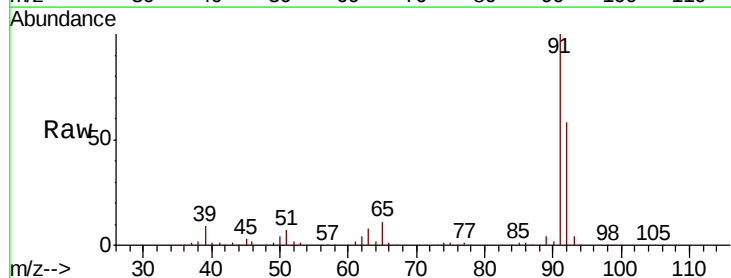
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

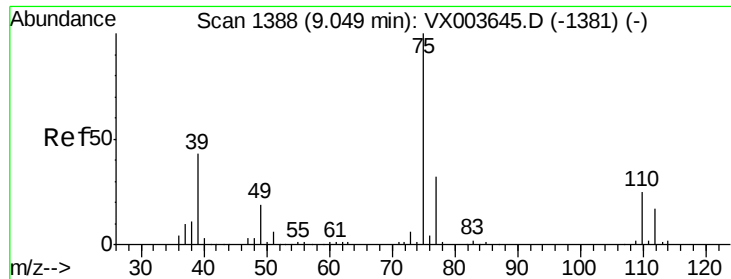
Tgt Ion: 43 Resp: 611410
Ion Ratio Lower Upper
43 100
58 39.4 31.5 47.3



#52
Toluene
Concen: 50.014 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 92 Resp: 187271
Ion Ratio Lower Upper
92 100
91 173.8 139.0 208.6

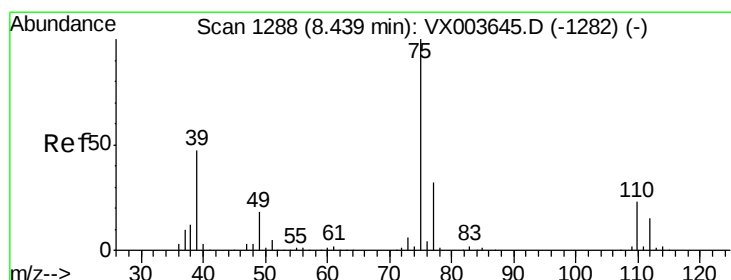
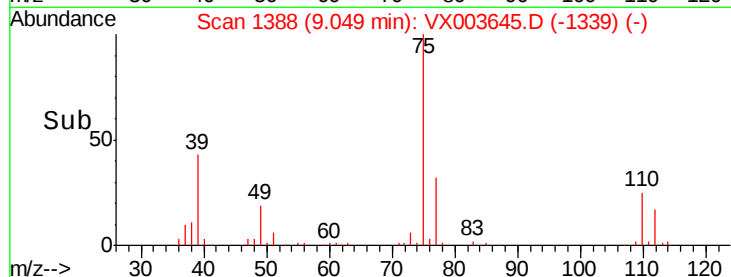
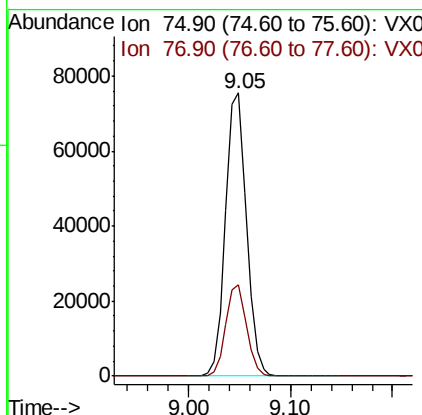
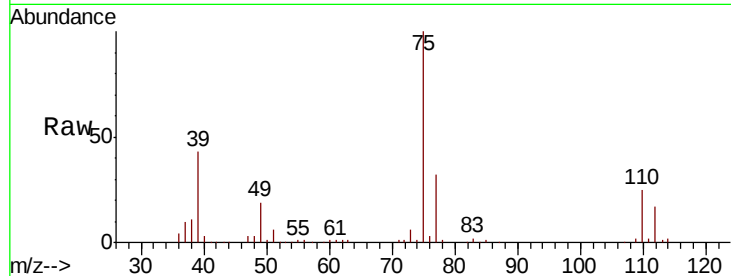




#53
 t-1,3-Dichloropropene
 Concen: 47.756 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

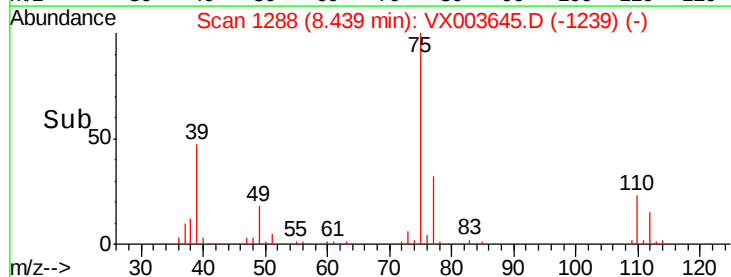
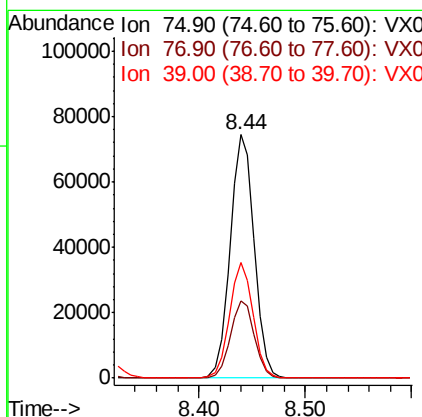
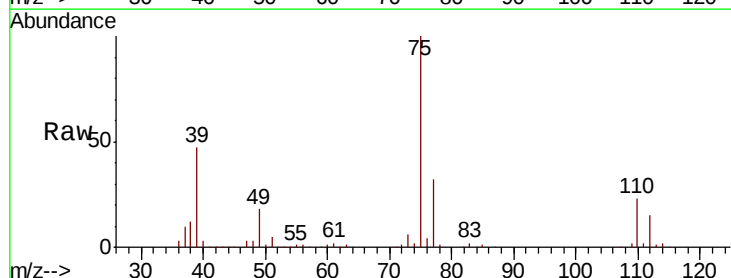
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

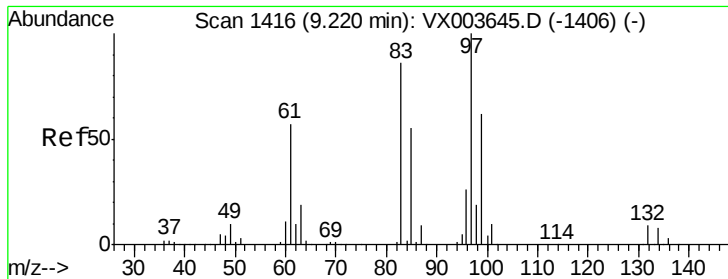
Tgt Ion: 75 Resp: 107507
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 55.713 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 75 Resp: 117533
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 47.5 38.0 57.0

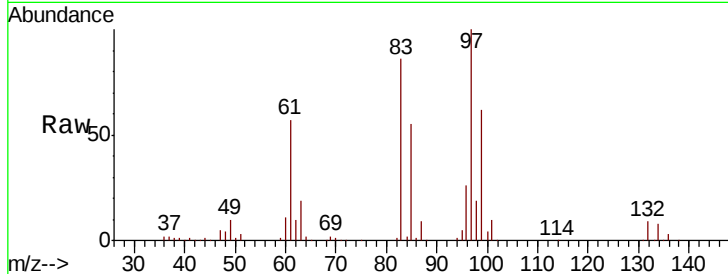




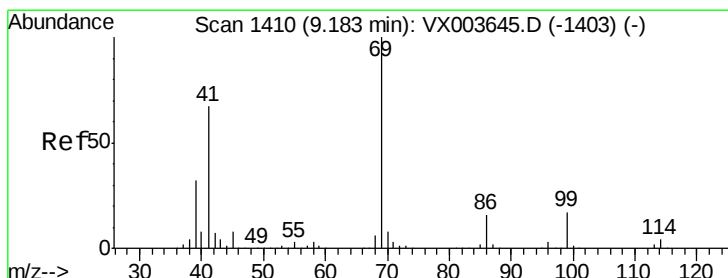
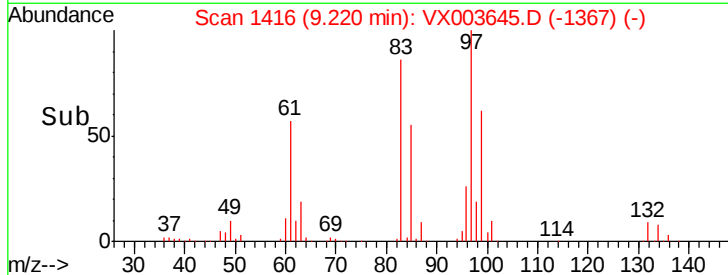
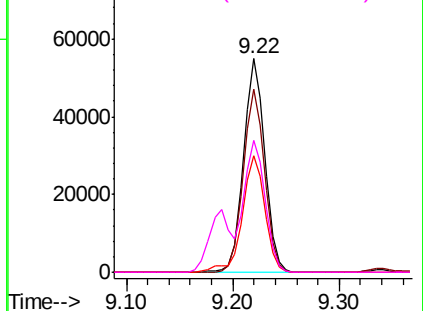
#55
 1,1,2-Trichloroethane
 Concen: 50.469 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 77246
 Ion Ratio Lower Upper
 97 100
 83 85.9 68.7 103.1
 85 54.6 43.7 65.5
 99 62.0 49.6 74.4

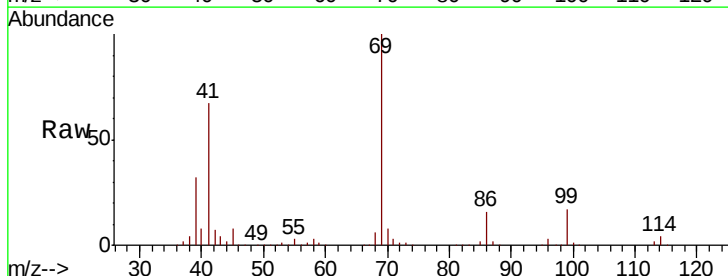


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

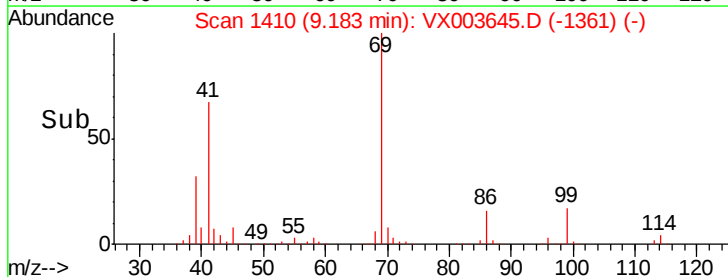
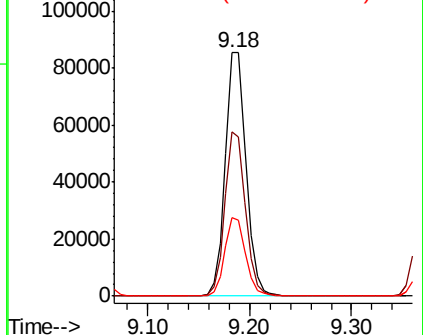


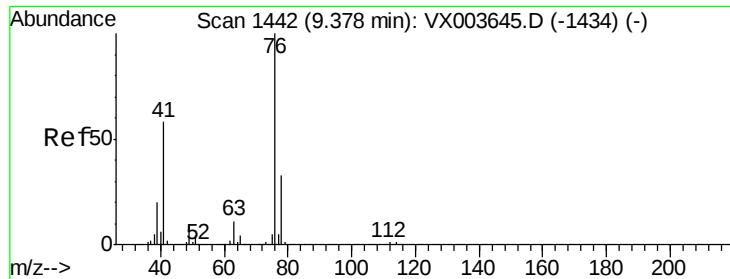
#56
 Ethyl methacrylate
 Concen: 53.030 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 69 Resp: 120786
 Ion Ratio Lower Upper
 69 100
 41 67.2 53.8 80.6
 39 32.3 25.8 38.8



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





#57

1,3-Dichloropropane

Concen: 49.952 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

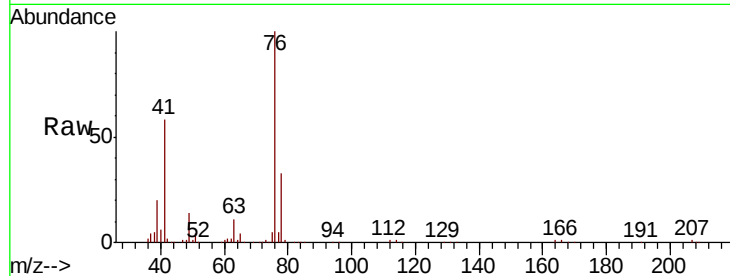
VSTDICCC050

Tgt Ion: 76 Resp: 128378

Ion Ratio Lower Upper

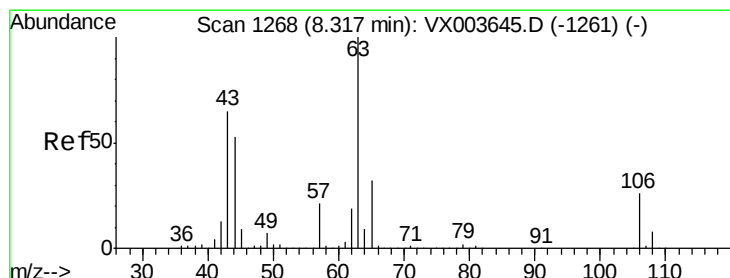
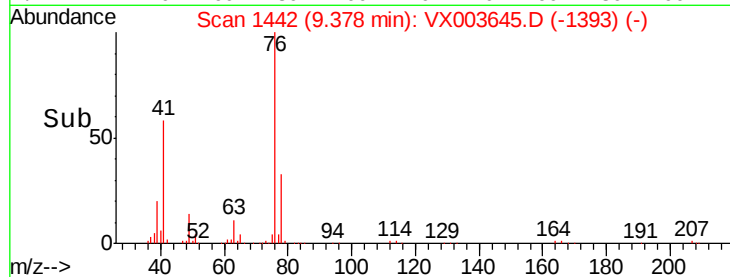
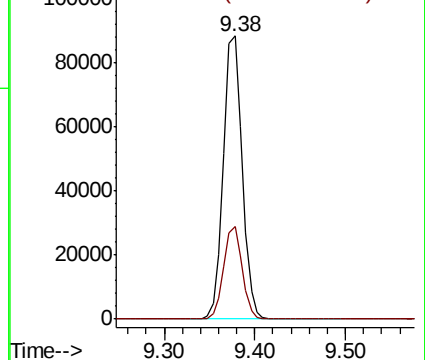
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 265.424 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003645.D

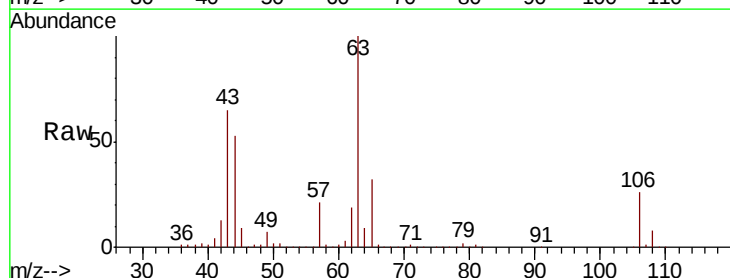
Acq: 24 Jul 2018 17:35

Tgt Ion: 63 Resp: 303797

Ion Ratio Lower Upper

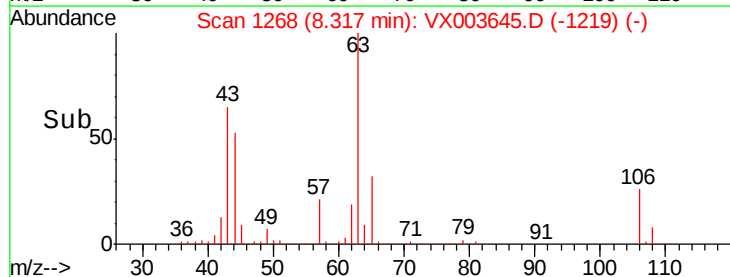
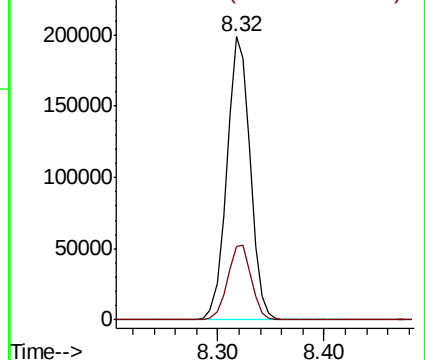
63 100

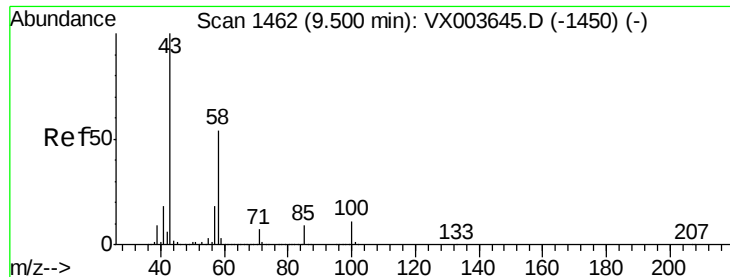
106 26.9 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

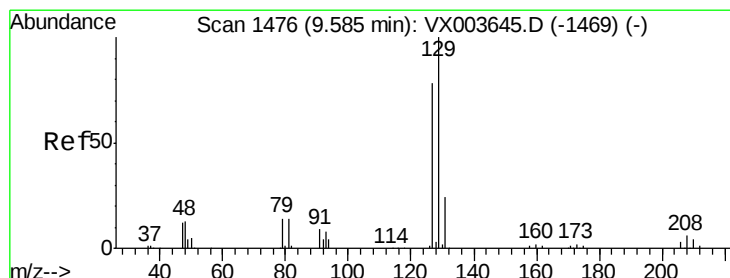
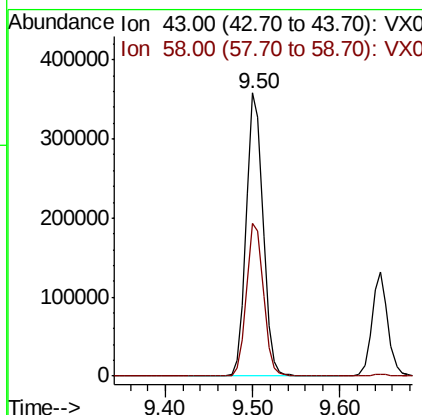
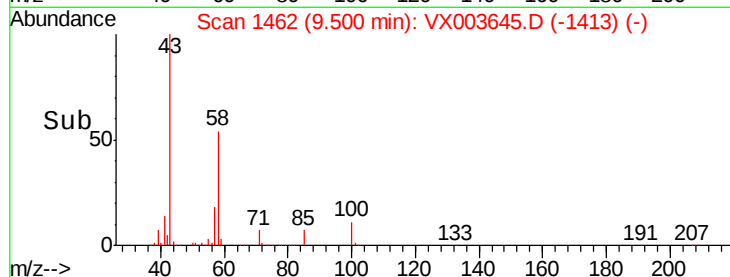
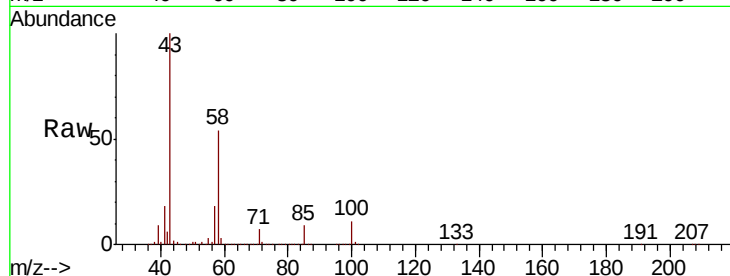




#59
2-Hexanone
Concen: 258.568 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

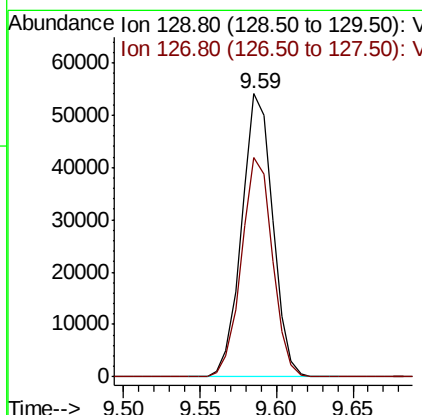
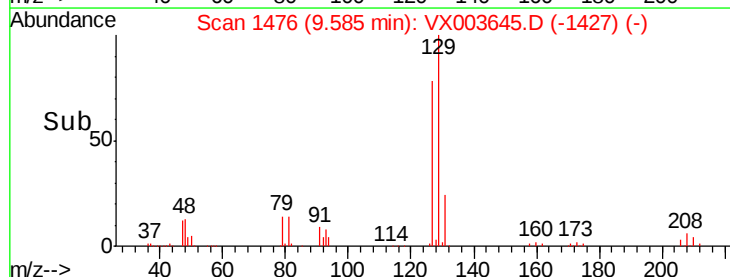
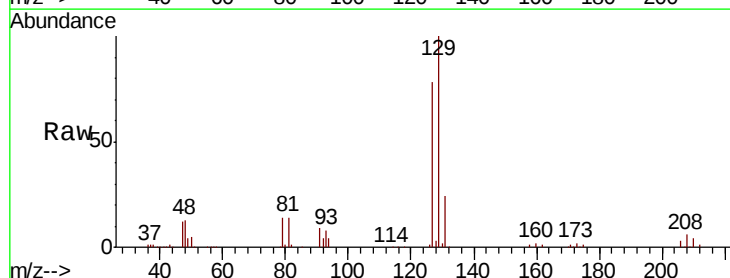
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

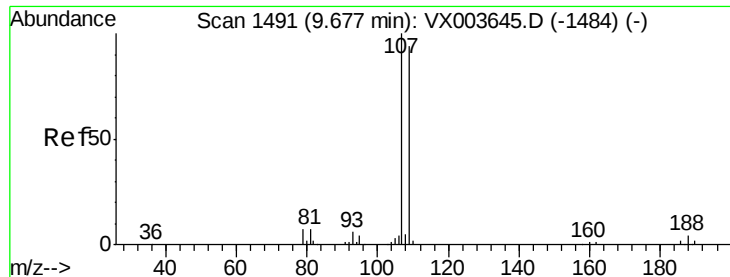
Tgt Ion: 43 Resp: 477870
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.9



#60
Dibromochloromethane
Concen: 52.482 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 129 Resp: 76191
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 50.345 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

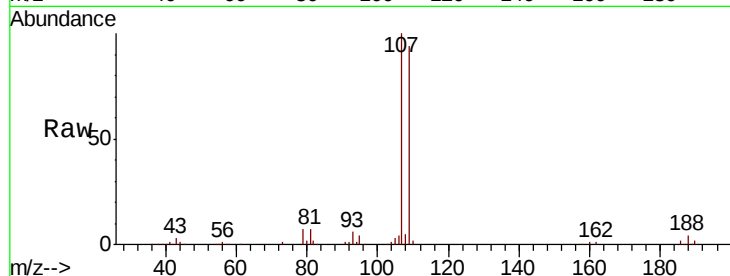
VSTDICCC050

Tgt Ion: 107 Resp: 80237

Ion Ratio Lower Upper

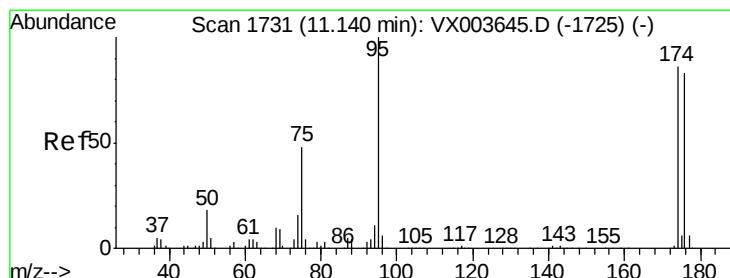
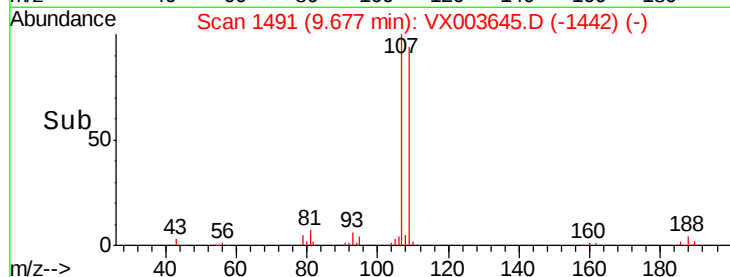
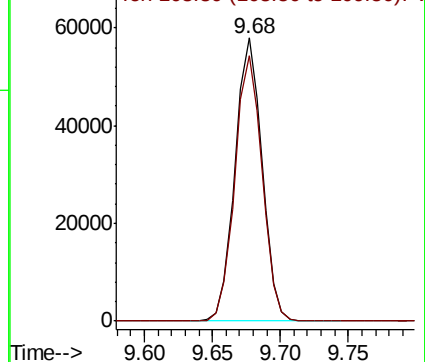
107 100

109 94.3 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.187 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

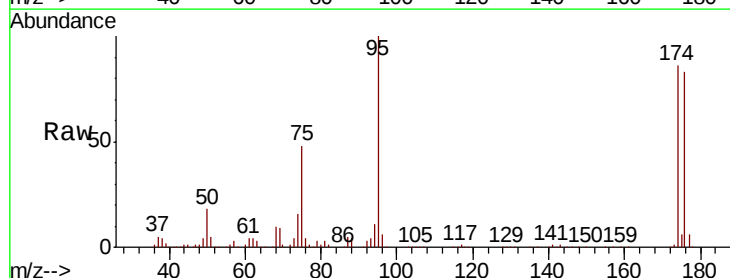
Tgt Ion: 95 Resp: 99454

Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.0

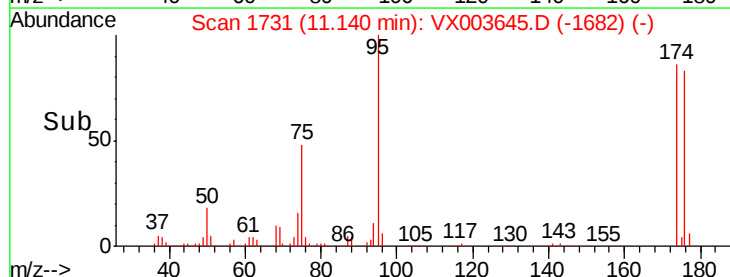
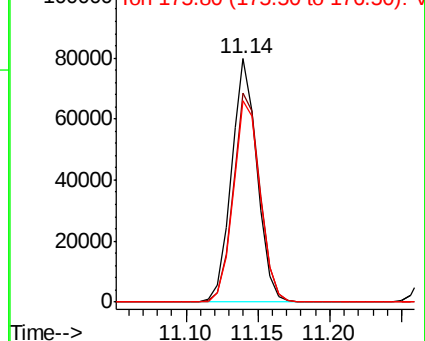
176 86.5 0.0 173.0

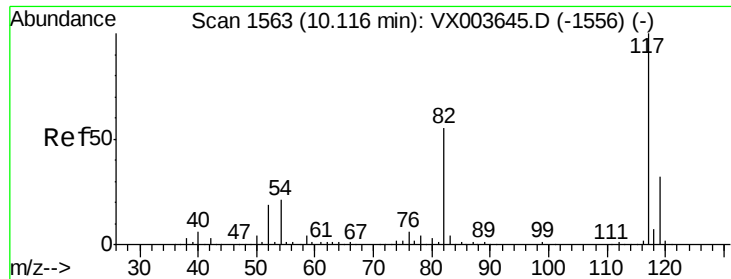


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

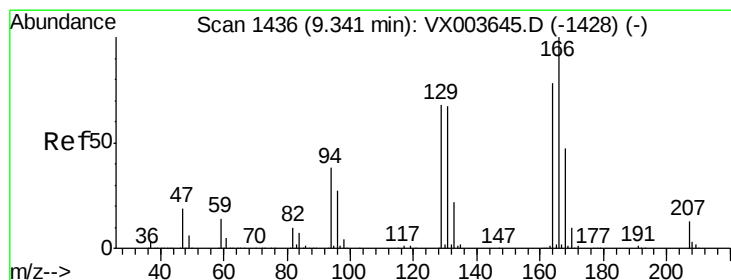
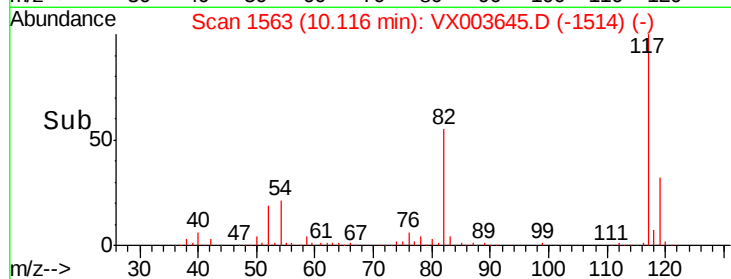
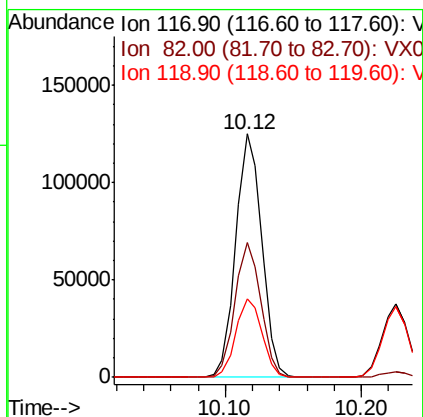
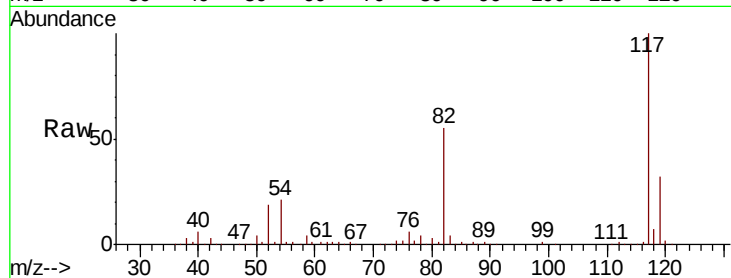




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

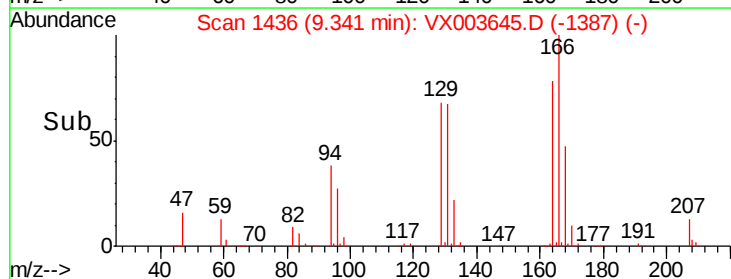
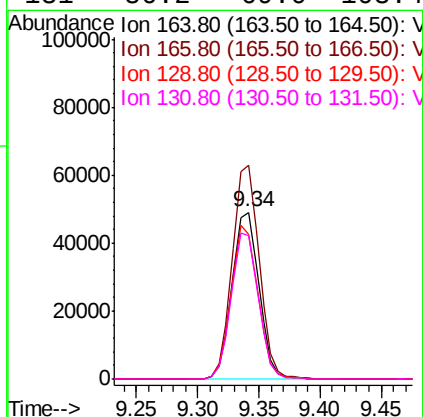
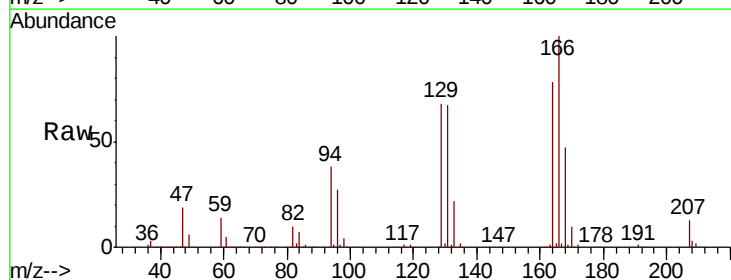
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

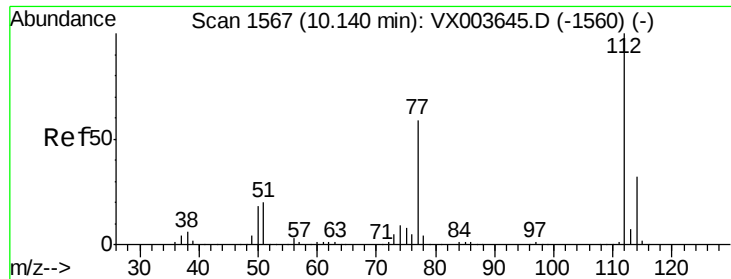
Tgt Ion:117 Resp: 166891
Ion Ratio Lower Upper
117 100
82 55.4 44.3 66.5
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 48.933 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion:164 Resp: 74663
Ion Ratio Lower Upper
164 100
166 128.0 102.4 153.6
129 87.0 69.6 104.4
131 86.2 69.0 103.4

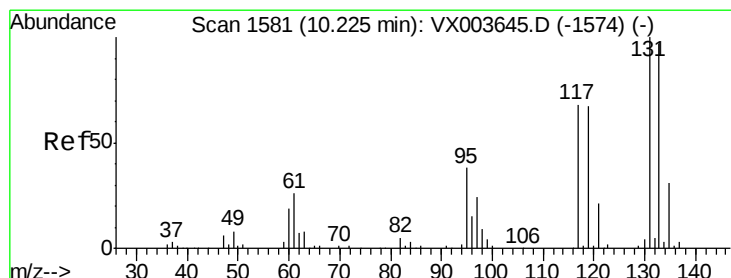
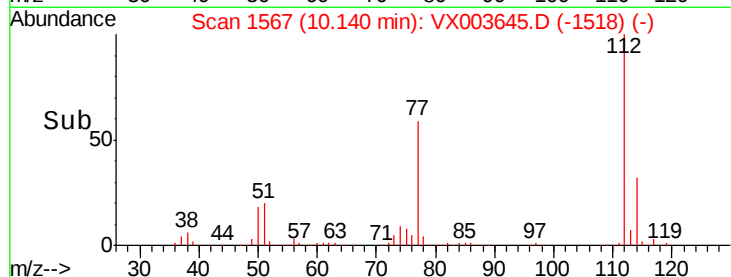
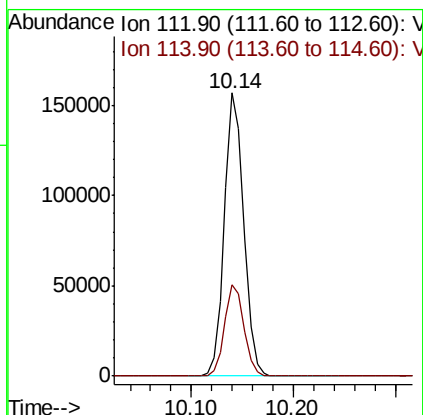
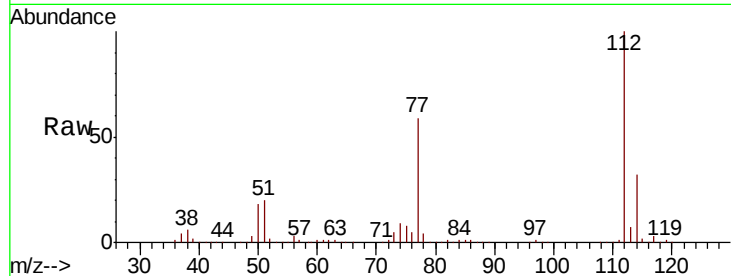




#65
Chlorobenzene
Concen: 49.145 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

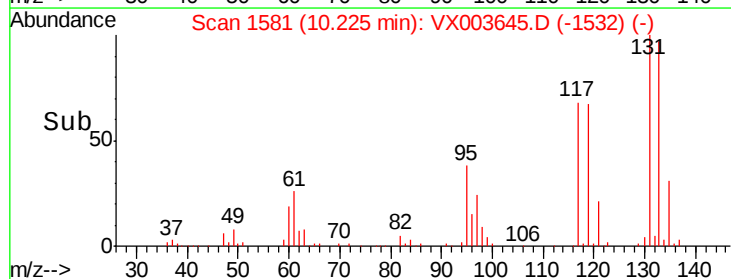
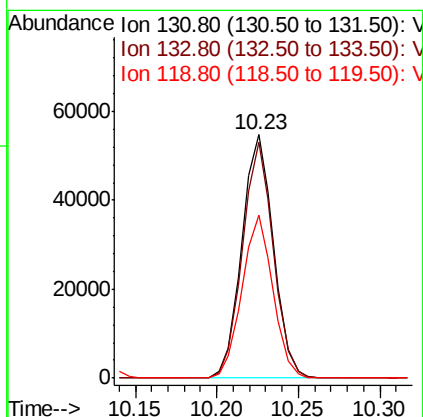
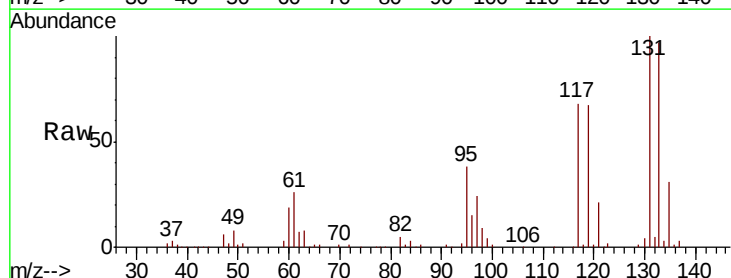
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

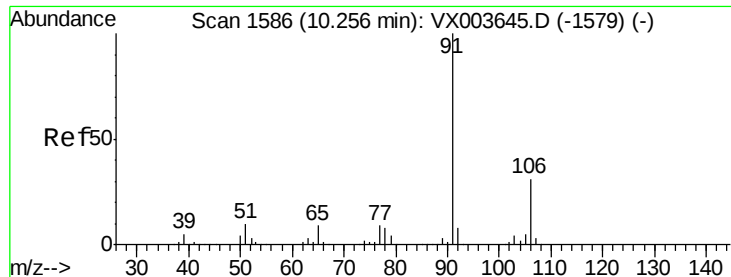
Tgt Ion:112 Resp: 206413
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.401 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion:131 Resp: 73594
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.8
119 65.6 32.8 98.4

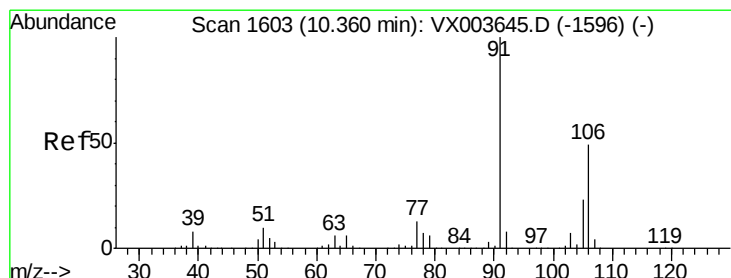
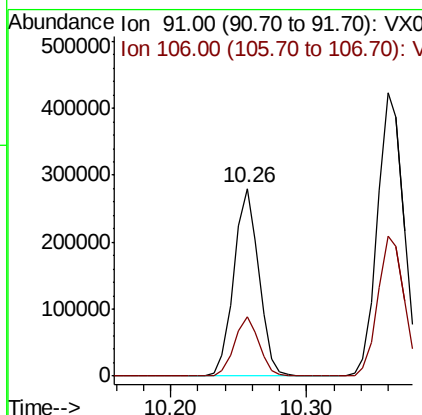
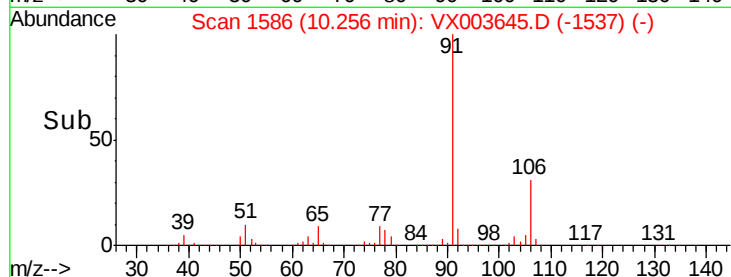
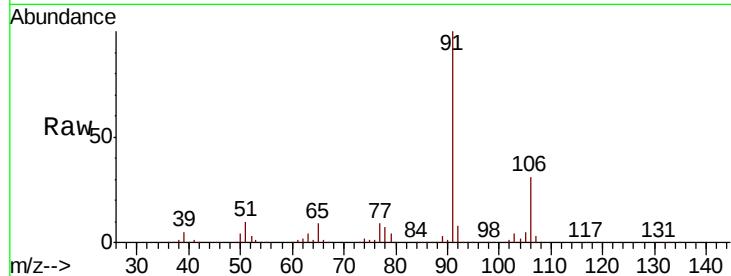




#67
Ethyl Benzene
Concen: 51.084 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

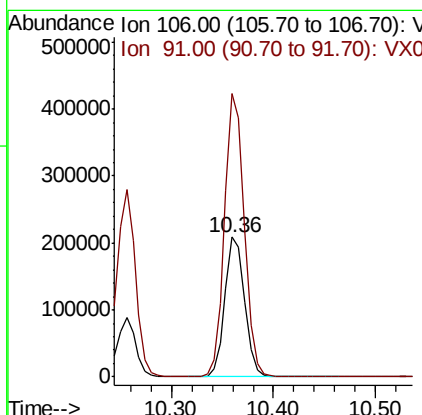
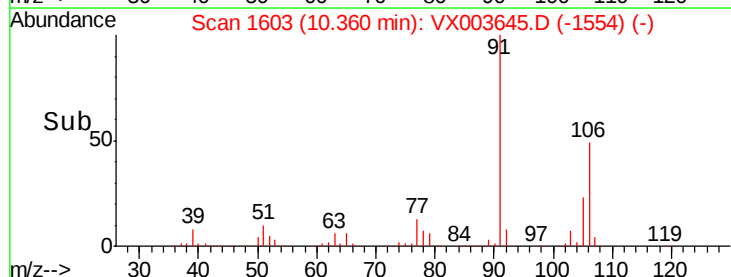
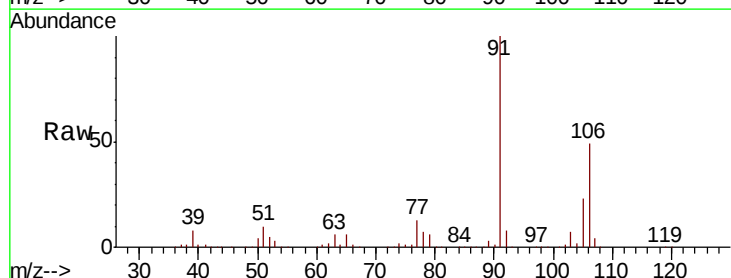
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

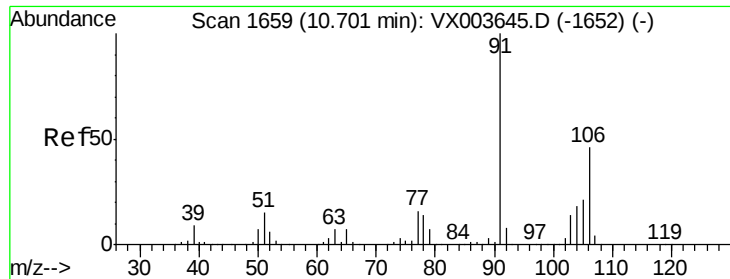
Tgt Ion: 91 Resp: 359149
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 103.780 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion: 106 Resp: 279907
Ion Ratio Lower Upper
106 100
91 202.7 162.2 243.2

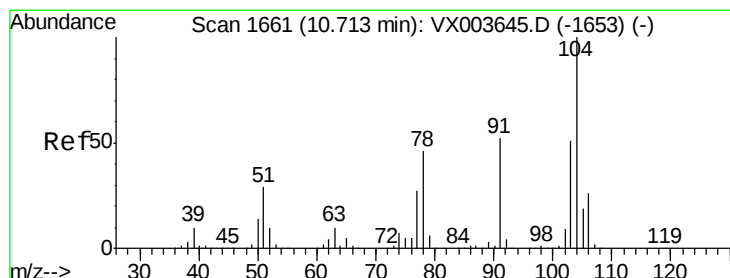
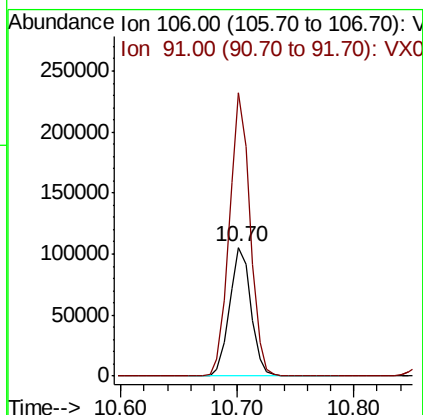
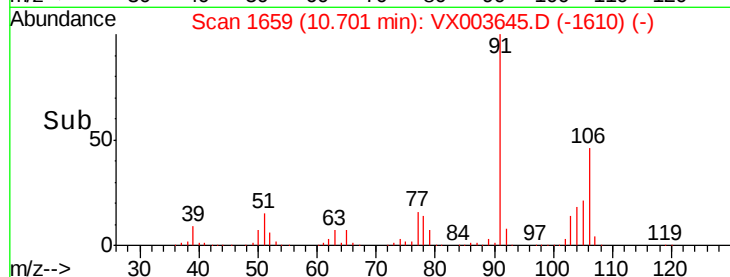
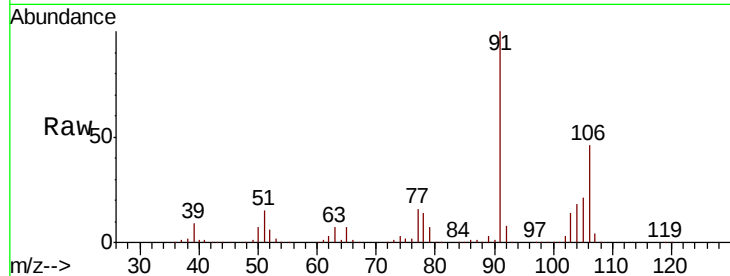




#69
o-Xylene
Concen: 51.813 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

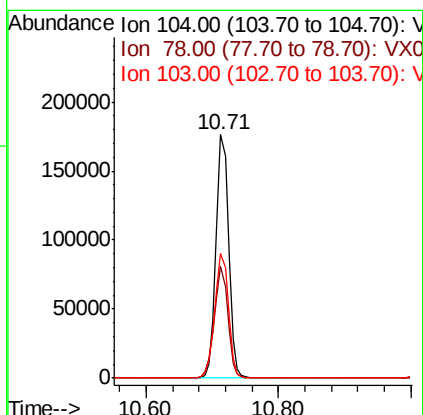
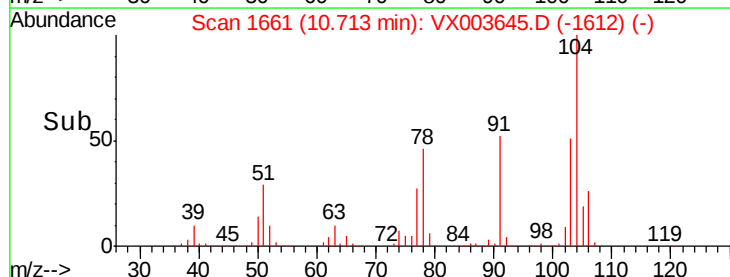
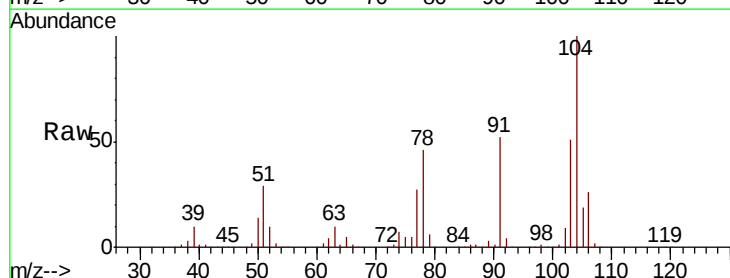
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

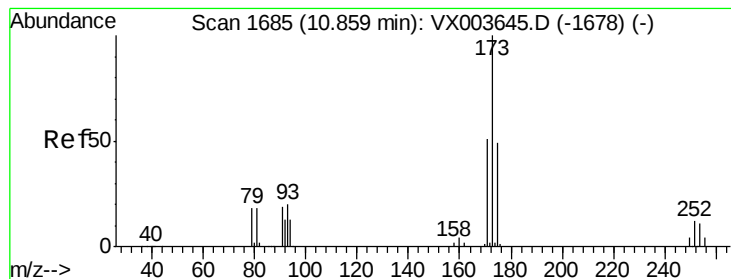
Tgt Ion:106 Resp: 134534
Ion Ratio Lower Upper
106 100
91 214.1 107.1 321.1



#70
Styrene
Concen: 52.829 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003645.D
Acq: 24 Jul 2018 17:35

Tgt Ion:104 Resp: 230420
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.3 44.2 66.4





#71

Bromoform

Concen: 52.084 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

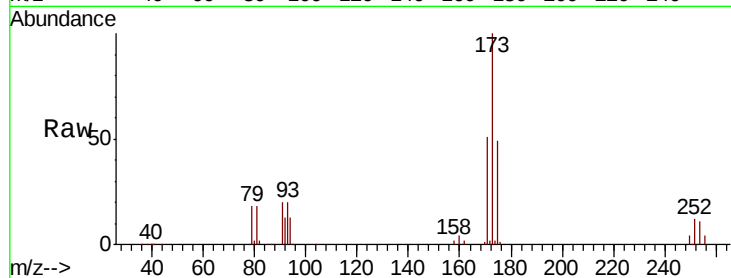
Tgt Ion:173 Resp: 60138

Ion Ratio Lower Upper

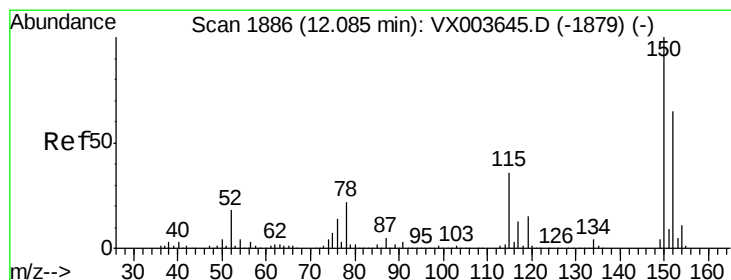
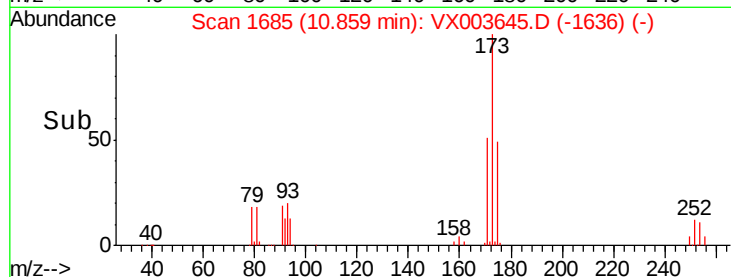
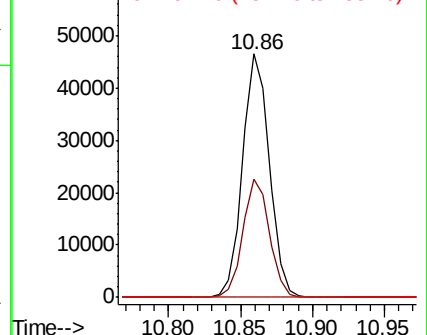
173 100

175 48.1 24.1 72.2

254 0.0 0.0 0.0



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# 1886

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

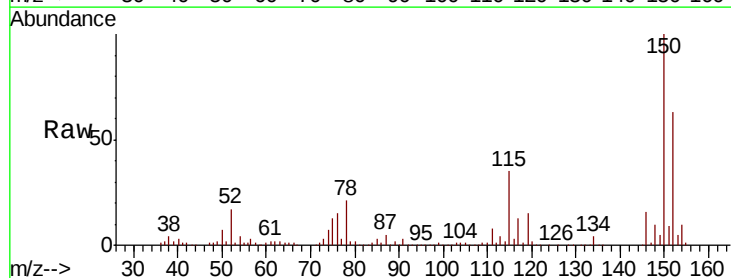
Tgt Ion:152 Resp: 102536

Ion Ratio Lower Upper

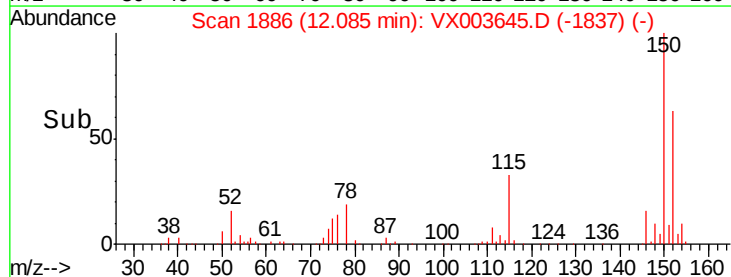
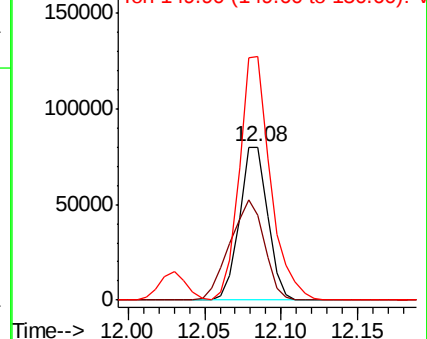
152 100

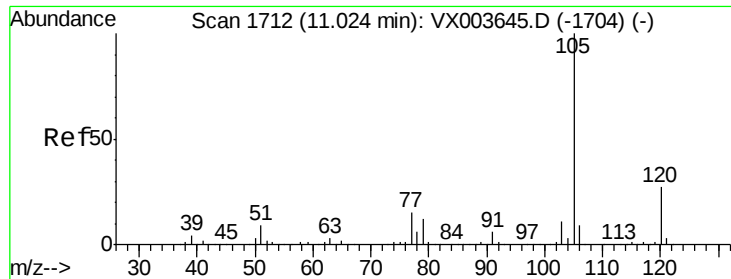
115 79.9 40.0 119.9

150 174.2 0.0 348.4



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





#73

Isopropylbenzene

Concen: 51.491 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

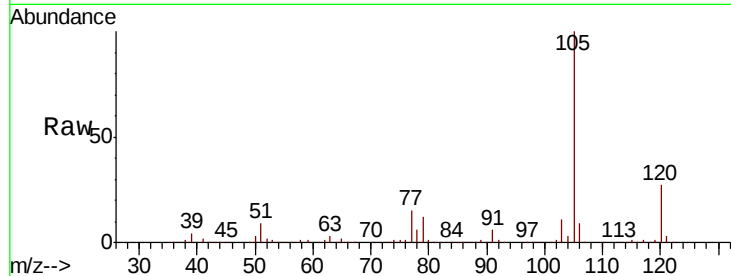
VSTDICCC050

Tgt Ion: 105 Resp: 360725

Ion Ratio Lower Upper

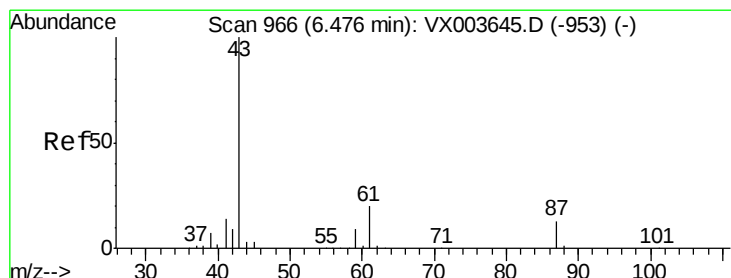
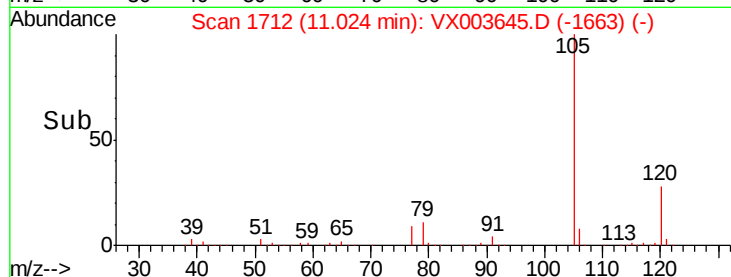
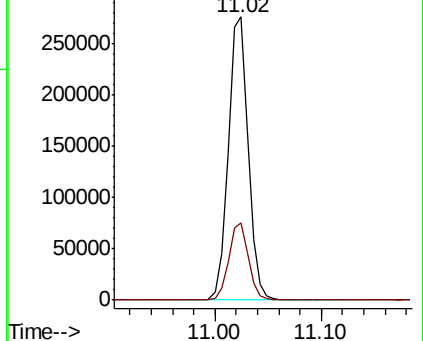
105 100

120 27.0 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.899 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Tgt Ion: 43 Resp: 182321

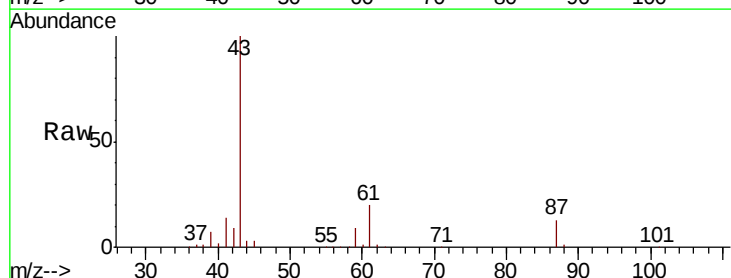
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 19.9 15.9 23.9

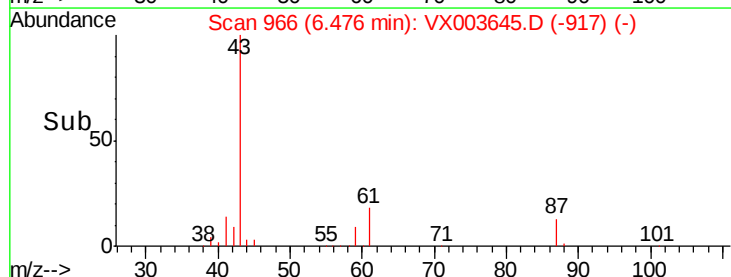
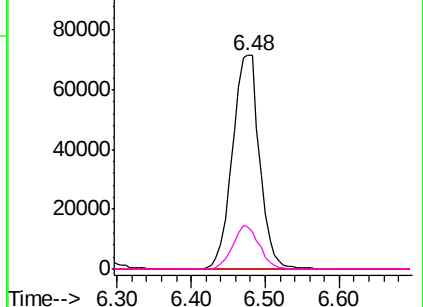


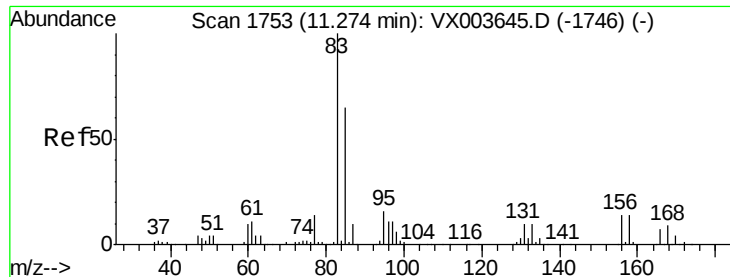
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.299 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

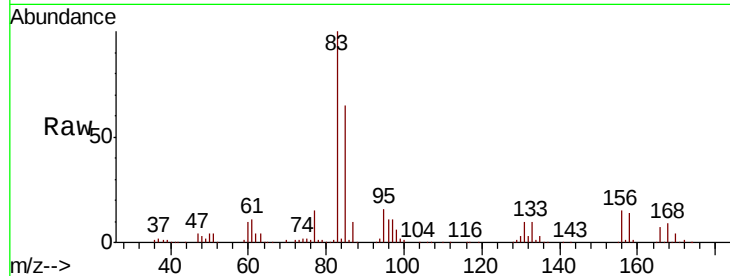
Tgt Ion: 83 Resp: 124953

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

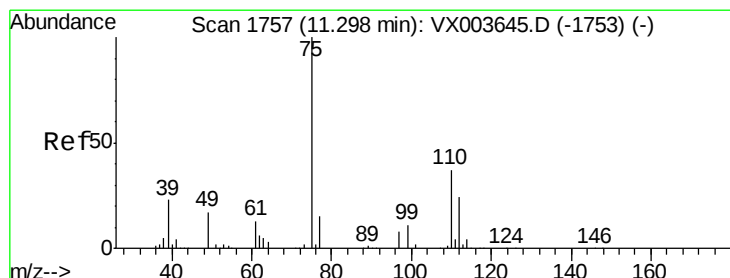
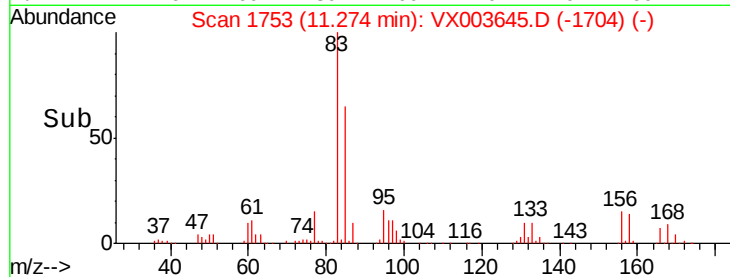
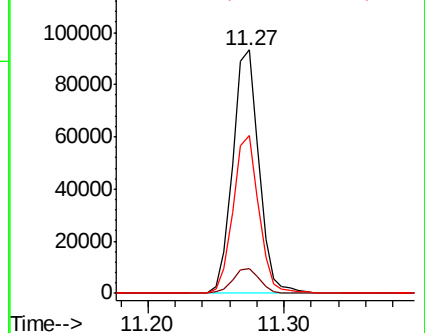
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.388 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003645.D

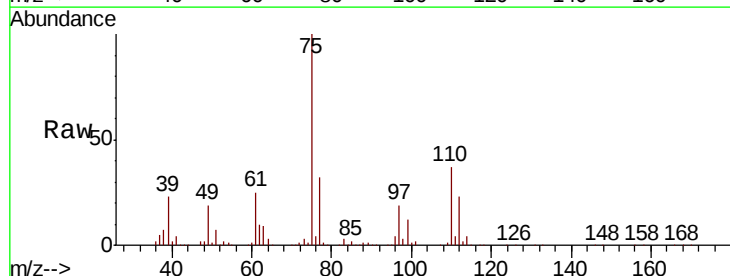
Acq: 24 Jul 2018 17:35

Tgt Ion: 75 Resp: 144928

Ion Ratio Lower Upper

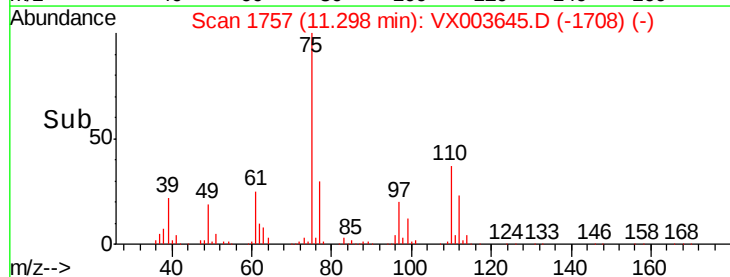
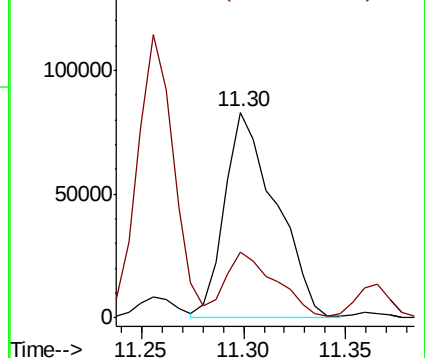
75 100

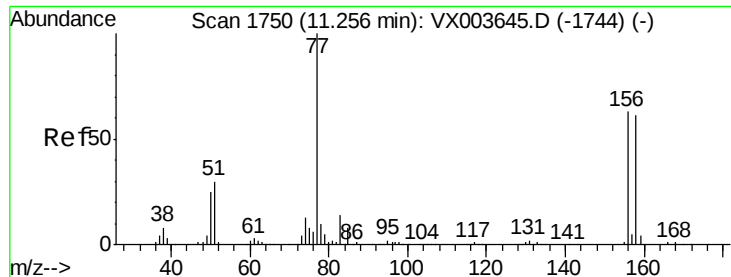
77 31.6 21.6 64.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.653 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

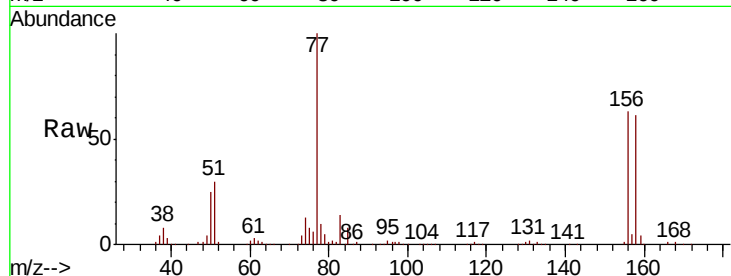
Tgt Ion:156 Resp: 94476

Ion Ratio Lower Upper

156 100

77 149.7 74.9 224.6

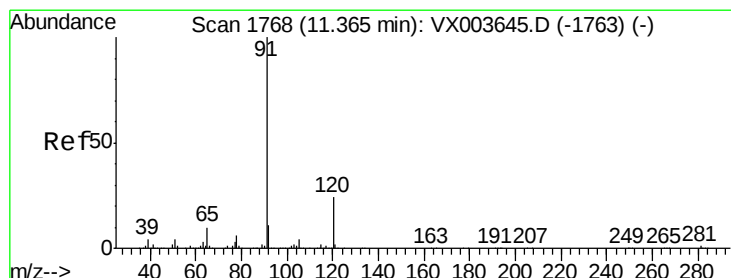
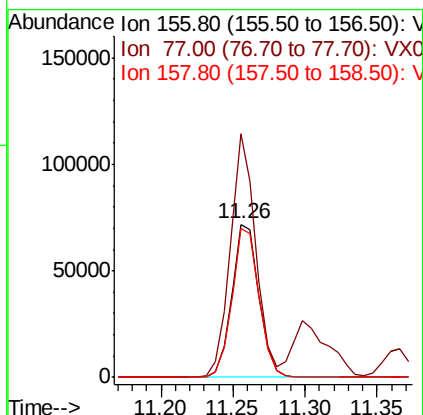
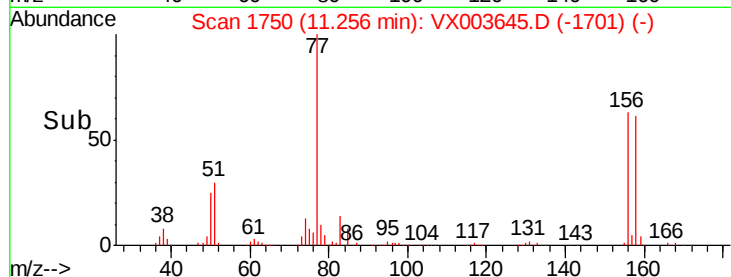
158 96.8 48.4 145.2



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: 52.143 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003645.D

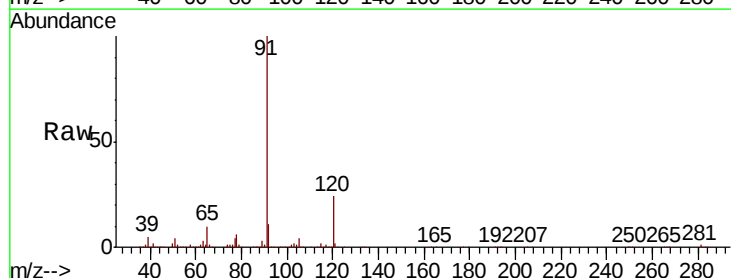
Acq: 24 Jul 2018 17:35

Tgt Ion: 91 Resp: 421804

Ion Ratio Lower Upper

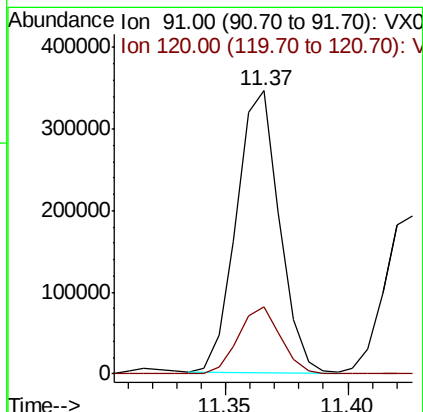
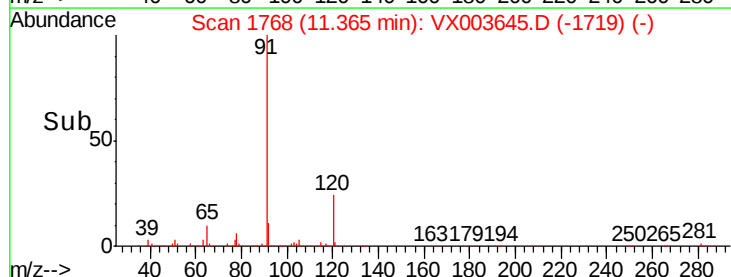
91 100

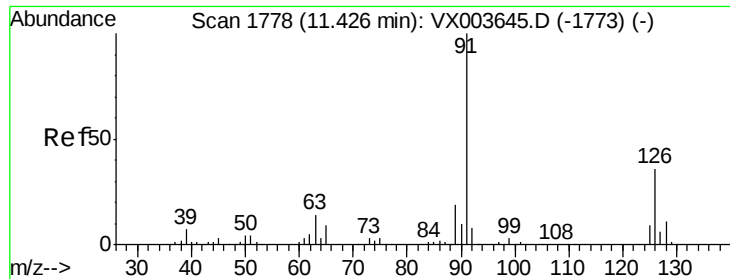
120 23.5 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

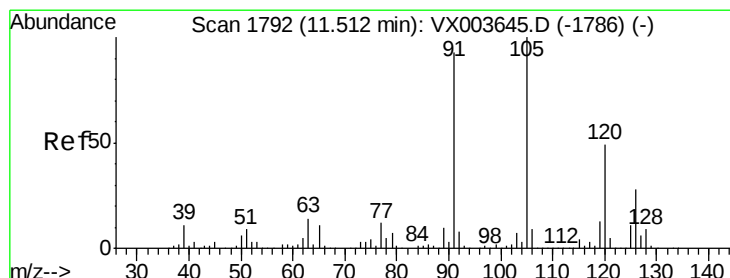
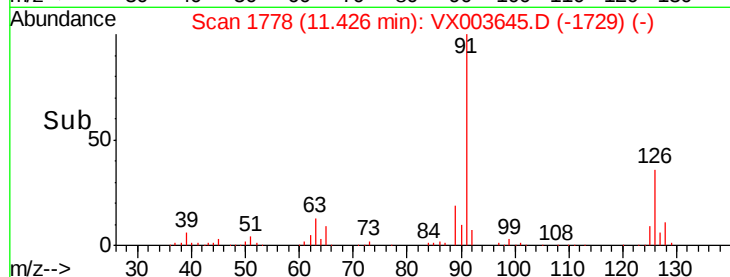
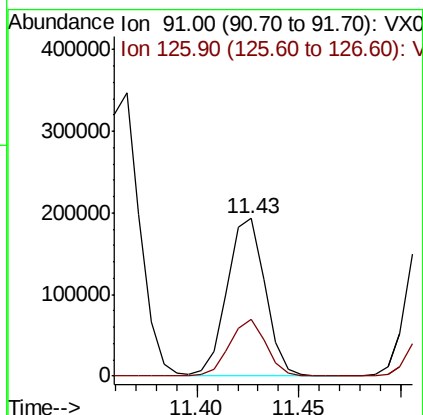
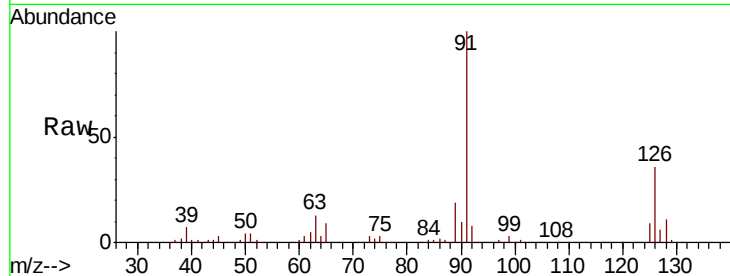




#79
 2-Chlorotoluene
 Concen: 50.266 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

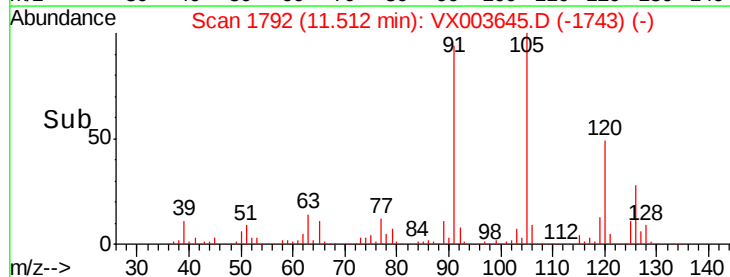
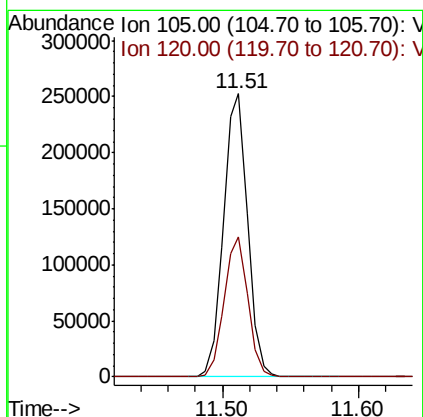
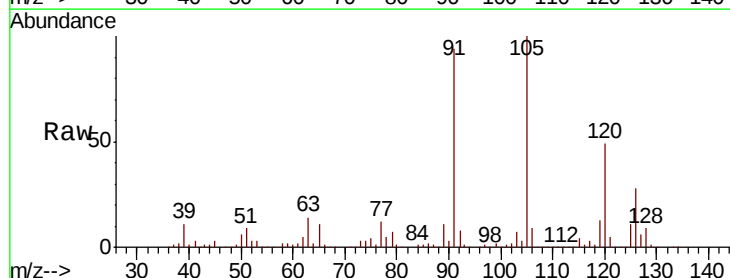
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

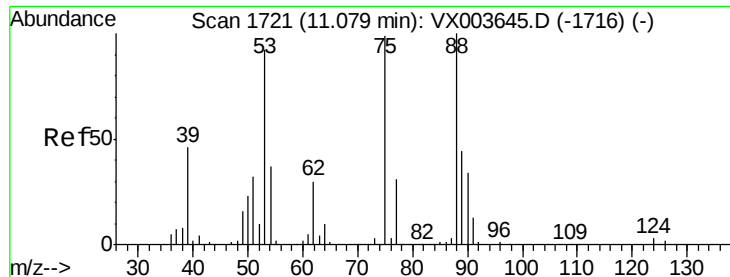
Tgt Ion: 91 Resp: 247141
 Ion Ratio Lower Upper
 91 100
 126 34.7 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.193 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 105 Resp: 309351
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 53.271 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

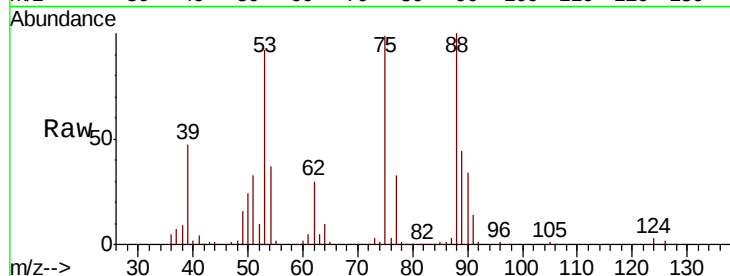
Tgt Ion: 75 Resp: 36978

Ion Ratio Lower Upper

75 100

53 97.3 77.8 116.8

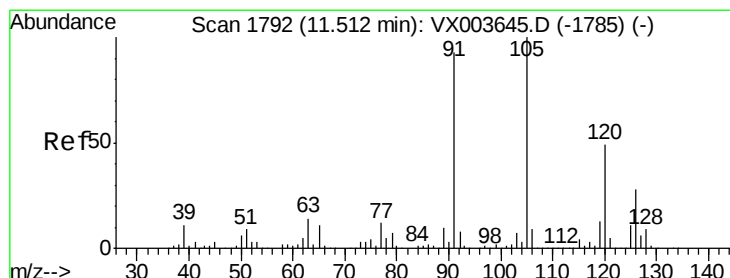
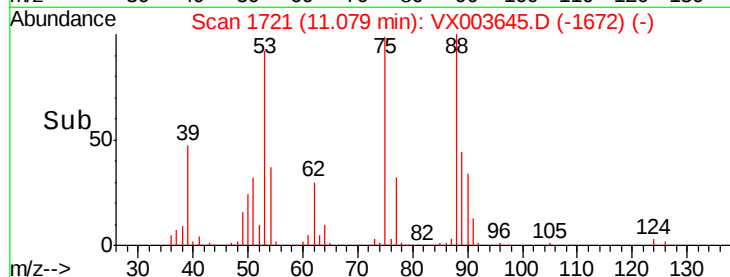
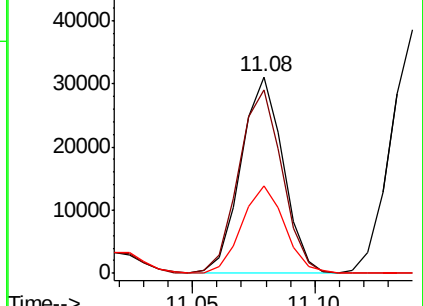
89 45.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 50.470 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003645.D

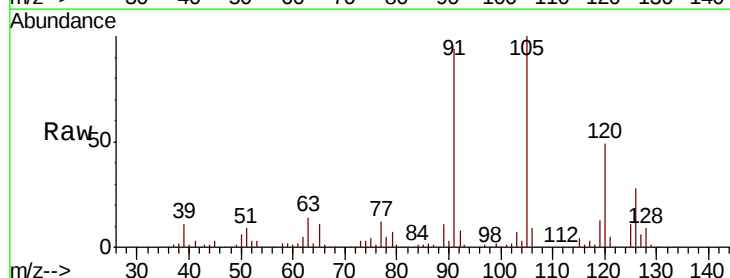
Acq: 24 Jul 2018 17:35

Tgt Ion: 91 Resp: 292299

Ion Ratio Lower Upper

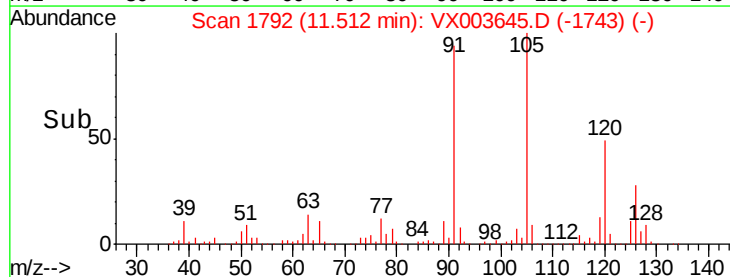
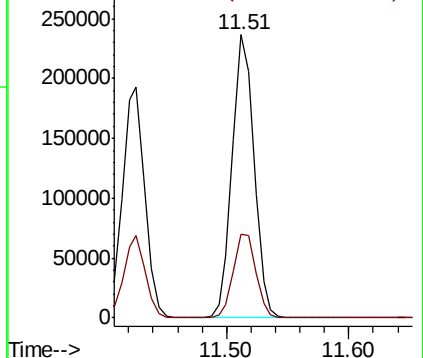
91 100

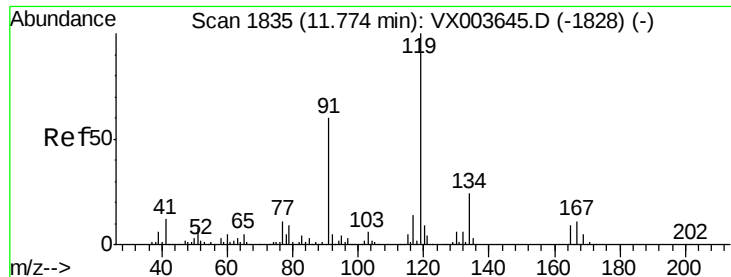
126 30.7 15.4 46.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

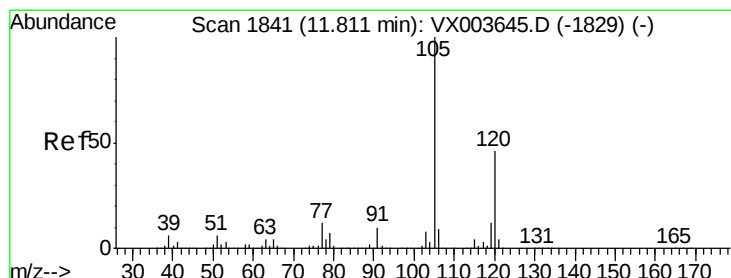
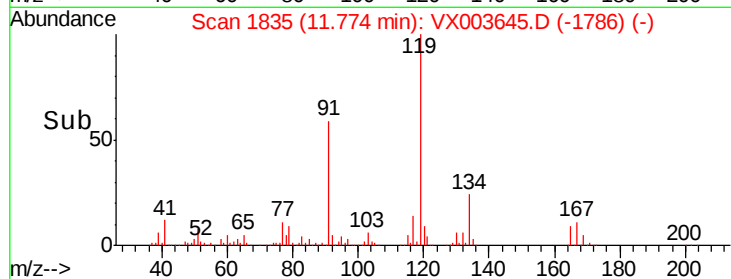
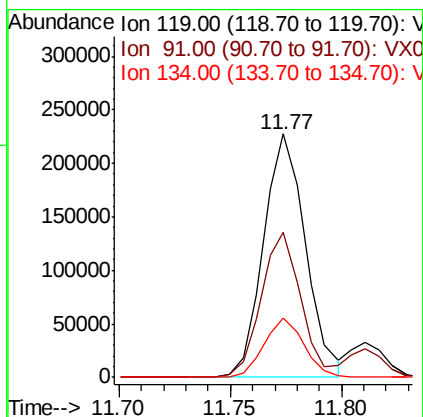
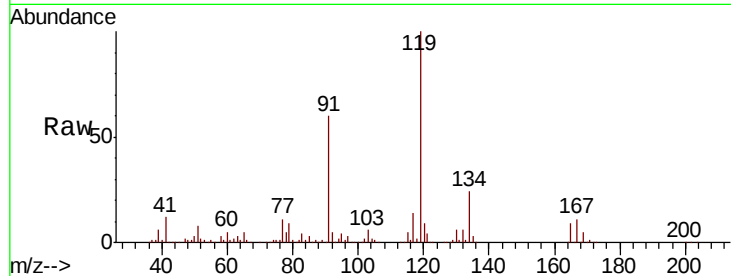




#83
 tert-Butylbenzene
 Concen: 51.375 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

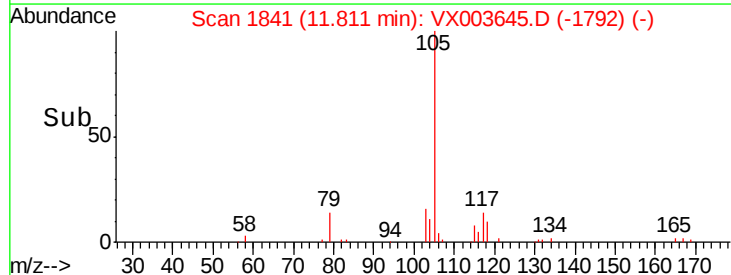
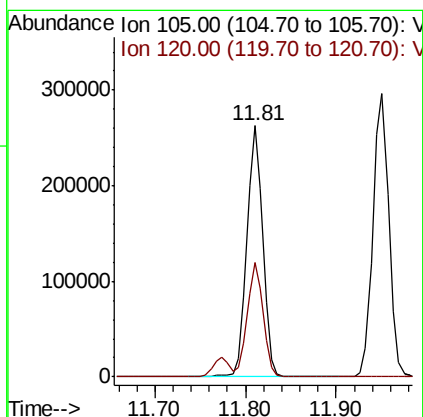
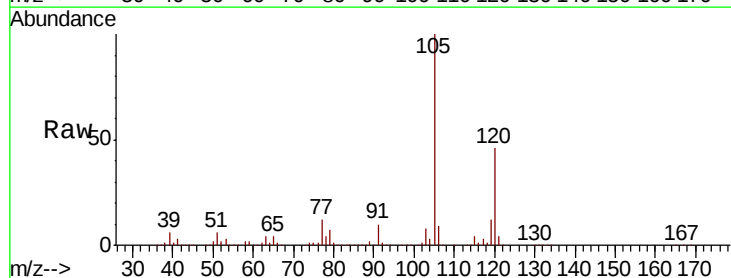
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

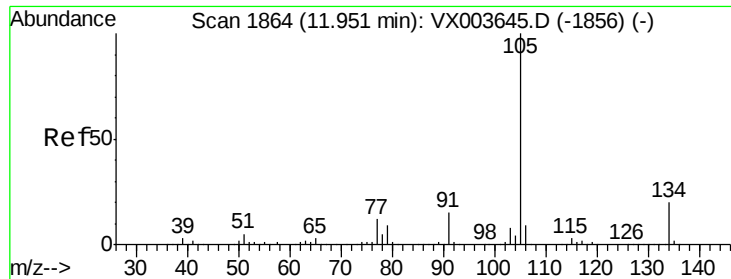
Tgt Ion:119 Resp: 297959
 Ion Ratio Lower Upper
 119 100
 91 56.8 28.4 85.2
 134 23.2 11.6 34.8



#84
 1,2,4-Trimethylbenzene
 Concen: 52.490 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion:105 Resp: 319742
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8

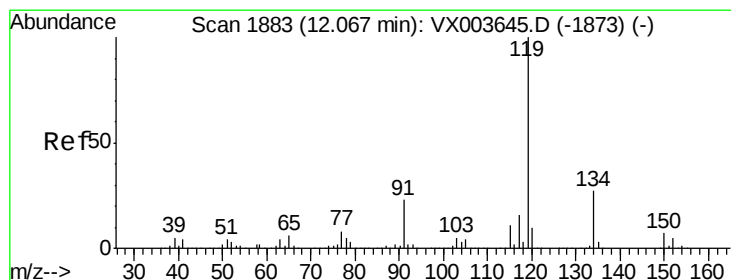
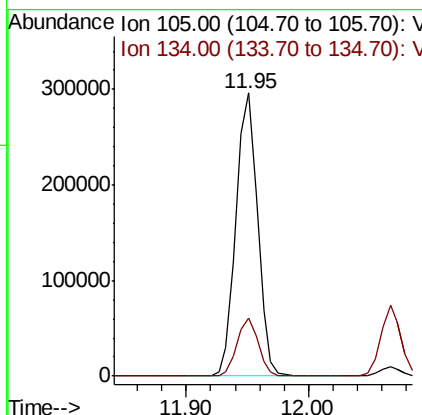
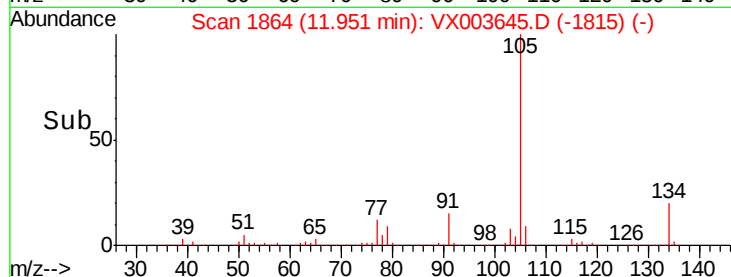
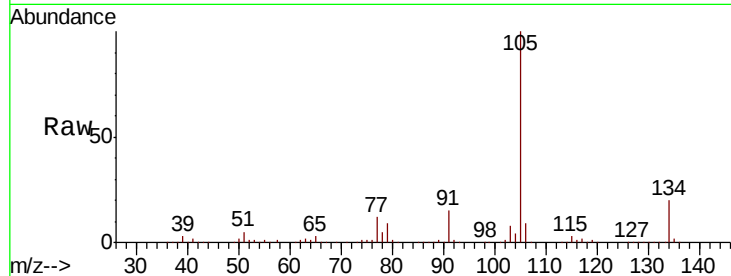




#85
 sec-Butylbenzene
 Concen: 52.033 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

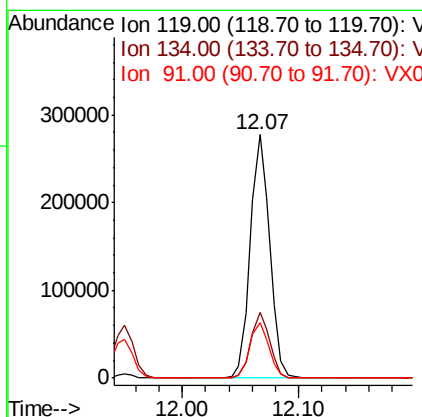
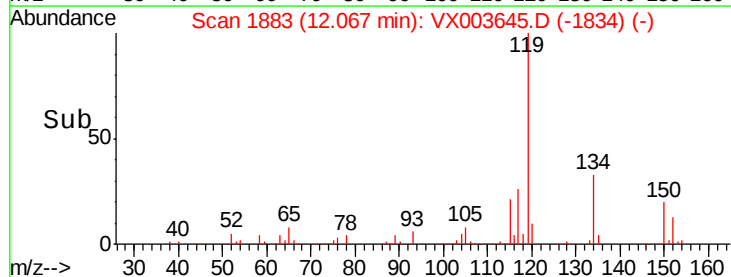
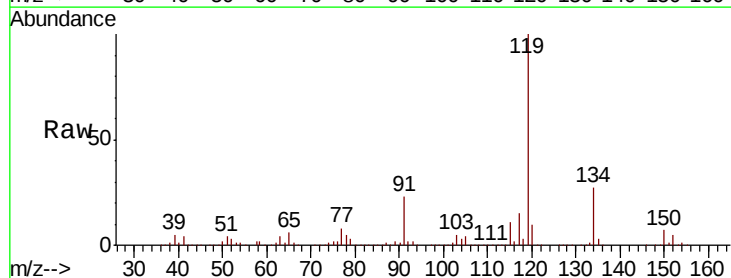
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

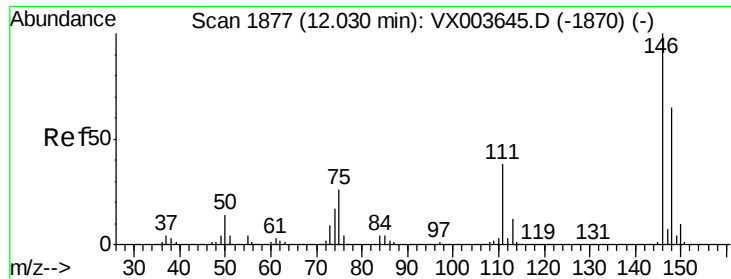
Tgt Ion:105 Resp: 360185
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.313 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion:119 Resp: 325027
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.9
 91 23.0 11.5 34.5

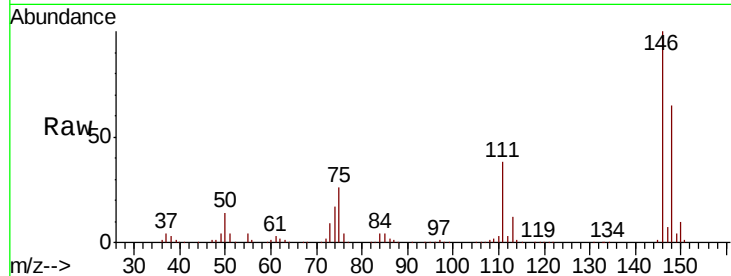




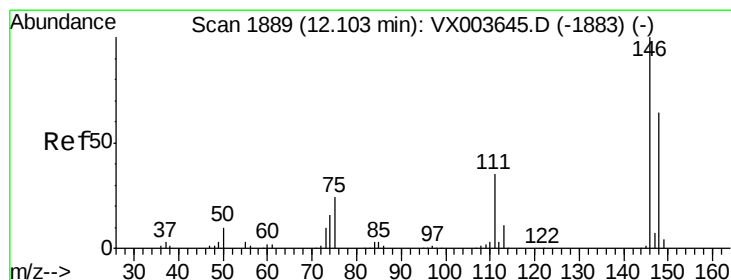
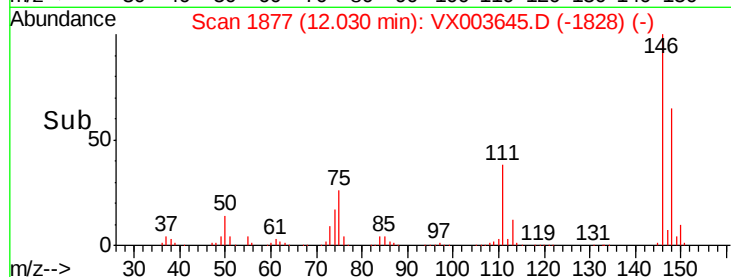
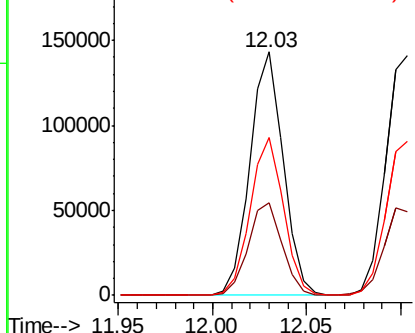
#87
 1,3-Dichlorobenzene
 Concen: 49.450 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:146 Resp: 175231
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.2
 148 64.7 32.4 97.0

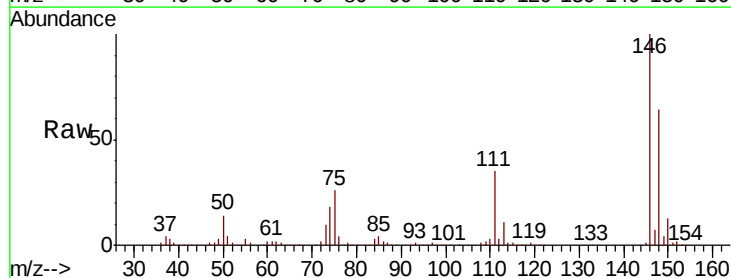


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

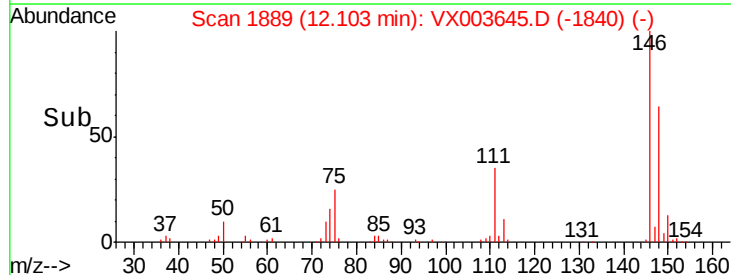
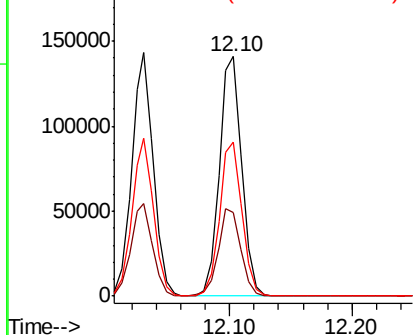


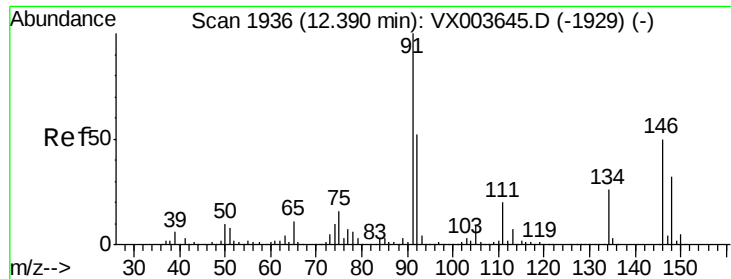
#88
 1,4-Dichlorobenzene
 Concen: 48.514 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion:146 Resp: 178736
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.6
 148 64.1 32.0 96.2



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





#89

n-Butylbenzene

Concen: 50.905 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

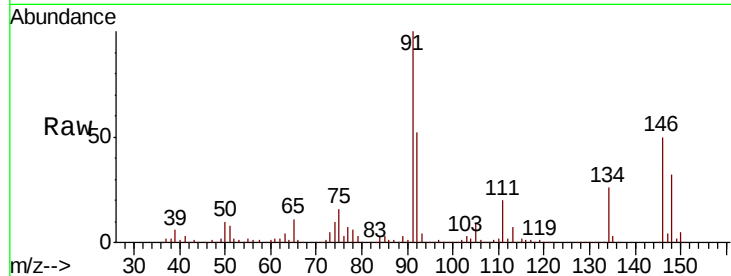
Tgt Ion: 91 Resp: 285068

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

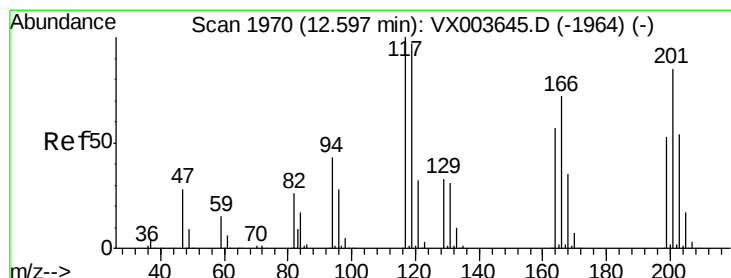
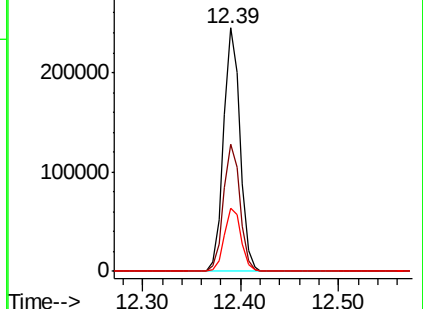
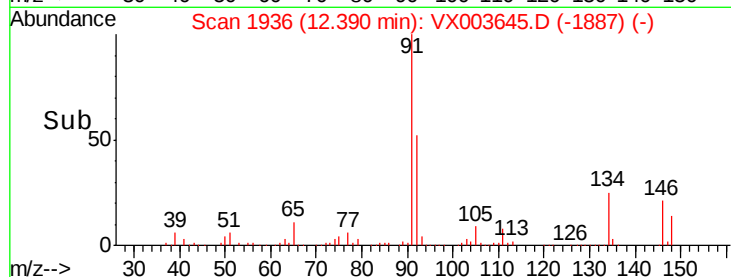
134 26.5 13.3 39.8



Abundance Ion 91.00 (90.70 to 91.70): VX003645.D

Ion 92.00 (91.70 to 92.70): VX003645.D

Ion 134.00 (133.70 to 134.70): VX003645.D



#90

Hexachloroethane

Concen: 49.608 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003645.D

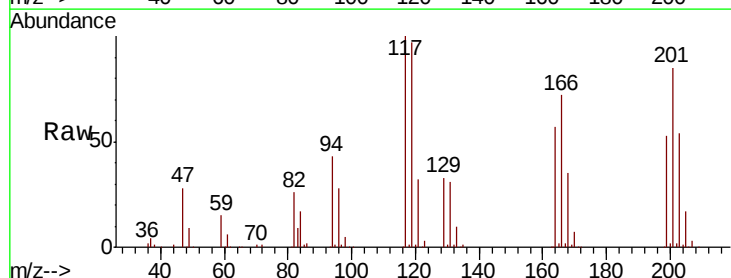
Acq: 24 Jul 2018 17:35

Tgt Ion: 117 Resp: 46678

Ion Ratio Lower Upper

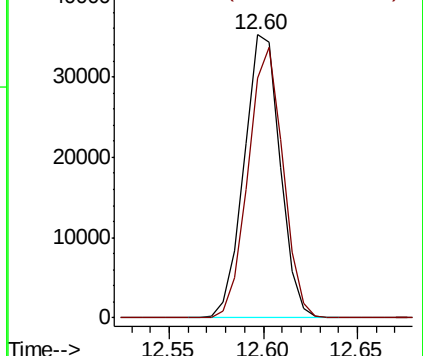
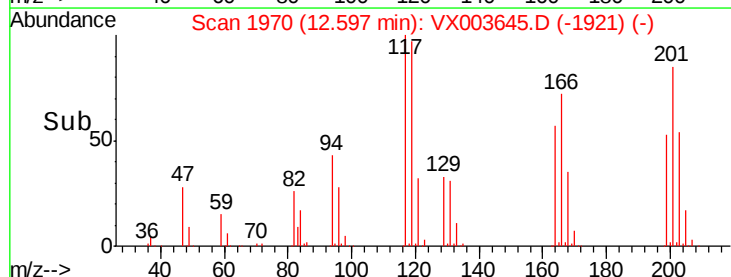
117 100

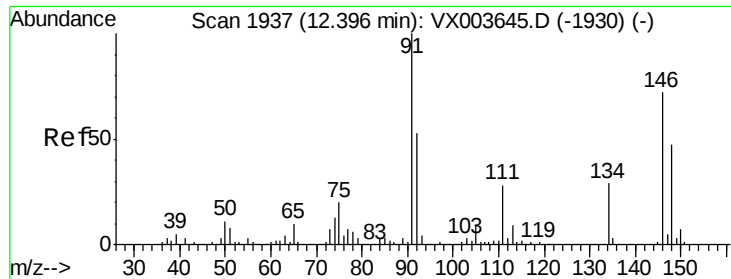
201 92.3 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): VX003645.D

Ion 200.70 (200.40 to 201.40): VX003645.D

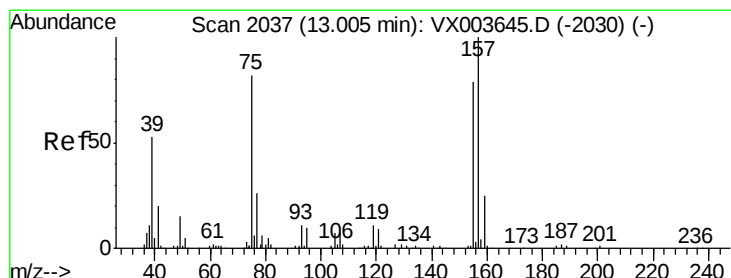
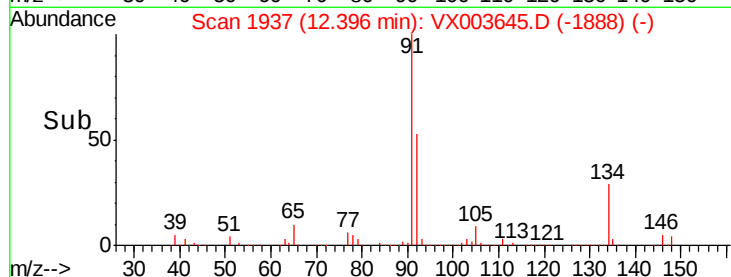
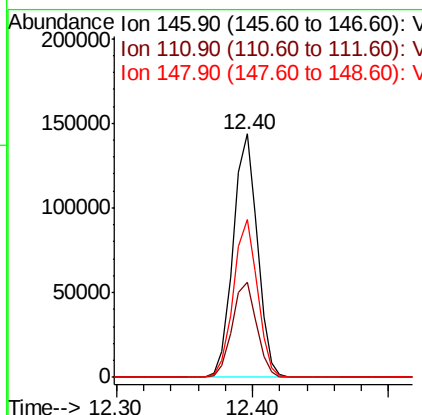
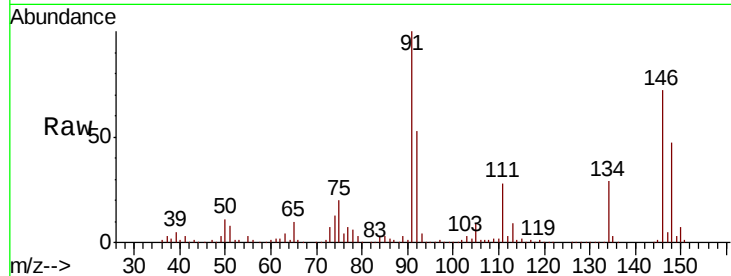




#91
 1,2-Dichlorobenzene
 Concen: 49.052 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

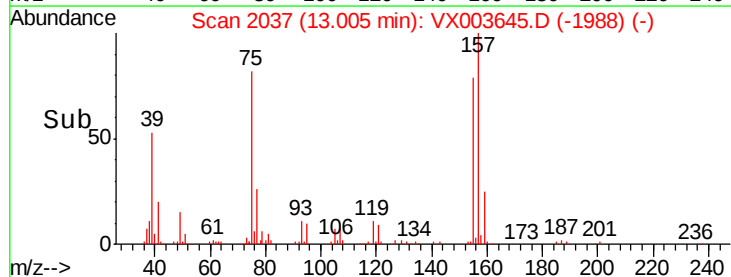
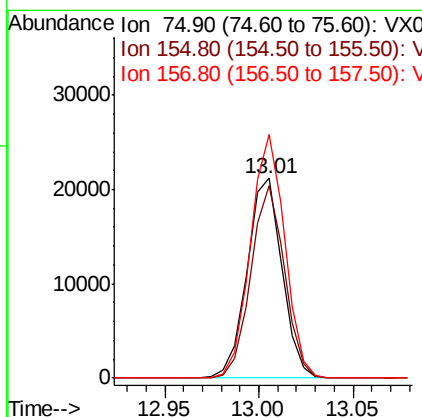
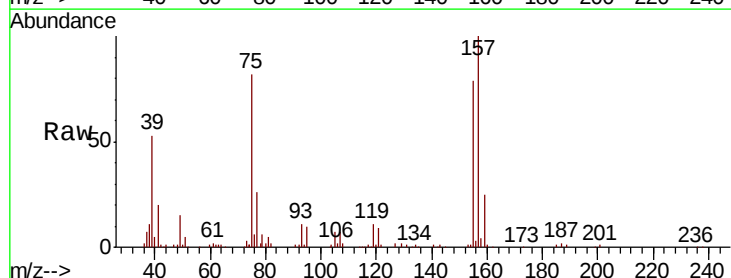
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

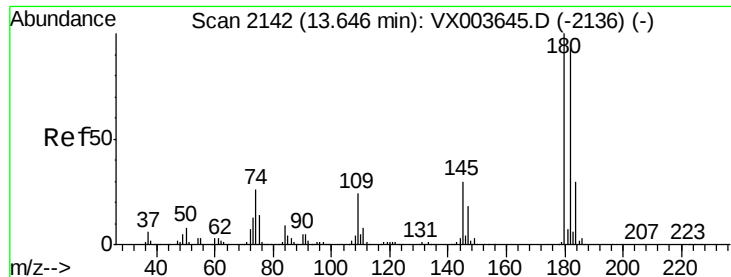
Tgt Ion:146 Resp: 177591
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.679 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion: 75 Resp: 27292
 Ion Ratio Lower Upper
 75 100
 155 92.2 46.1 138.3
 157 119.3 59.7 179.0

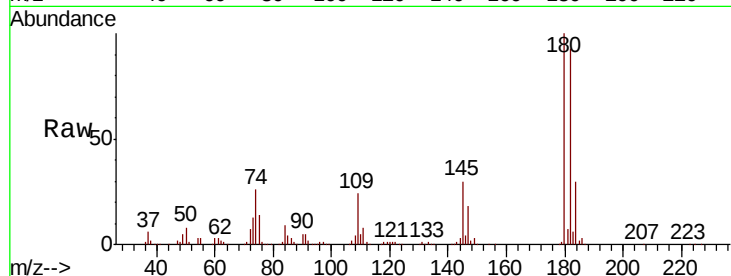




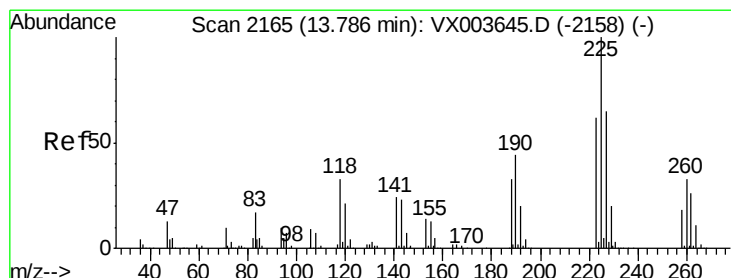
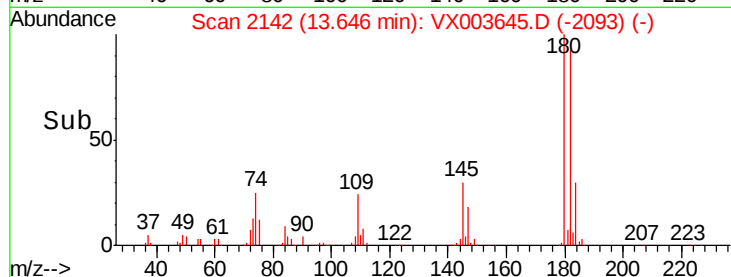
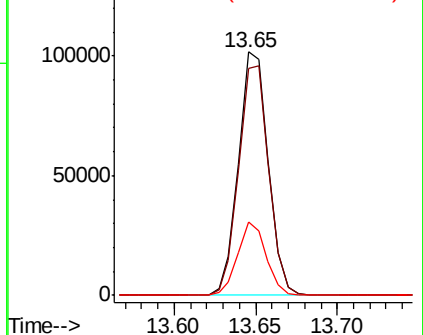
#93
 1,2,4-Trichlorobenzene
 Concen: 49.964 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 129075
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.9 143.8
 145 28.8 14.4 43.2

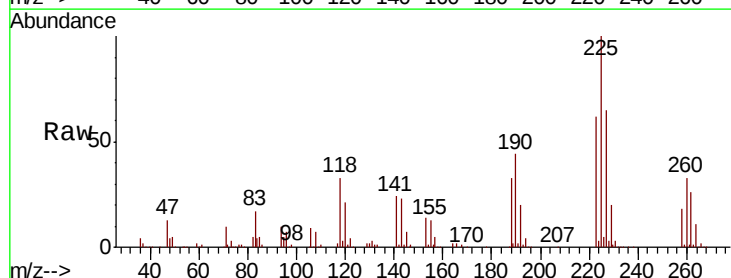


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

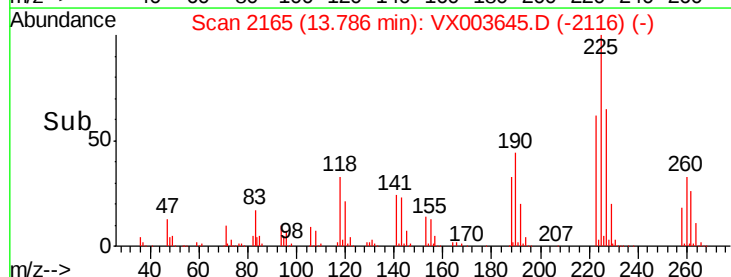
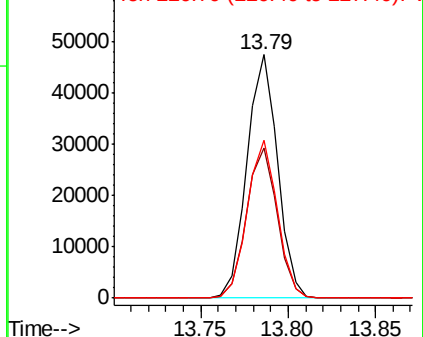


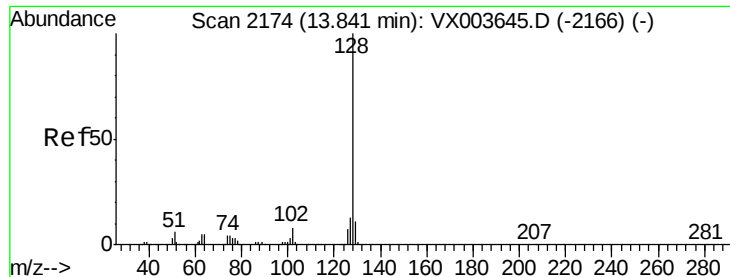
#94
 Hexachlorobutadiene
 Concen: 48.358 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003645.D
 Acq: 24 Jul 2018 17:35

Tgt Ion:225 Resp: 57798
 Ion Ratio Lower Upper
 225 100
 223 61.7 30.9 92.5
 227 63.8 31.9 95.7



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





#95

Naphthalene

Concen: 53.038 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

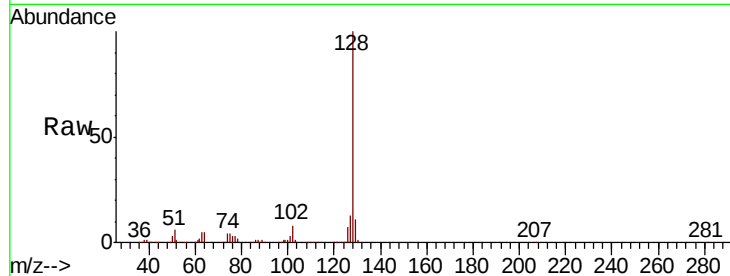
Tgt Ion:128 Resp: 414416

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

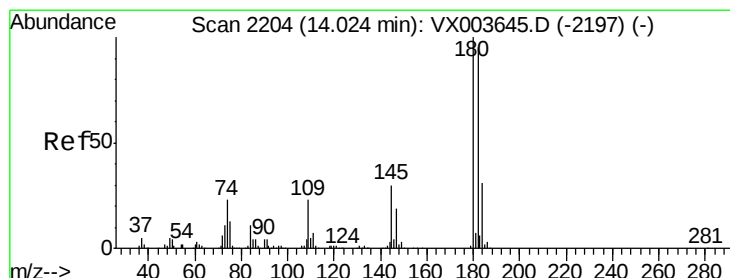
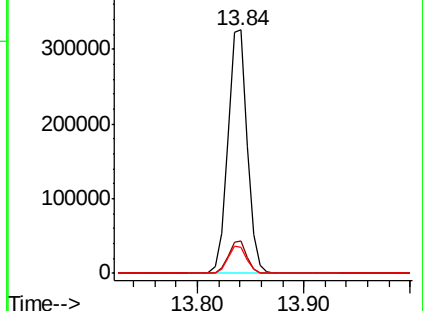
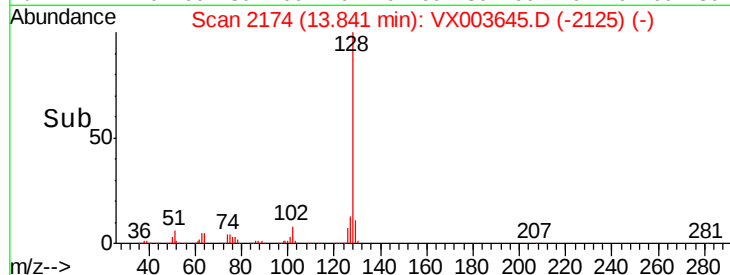
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.924 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003645.D

Acq: 24 Jul 2018 17:35

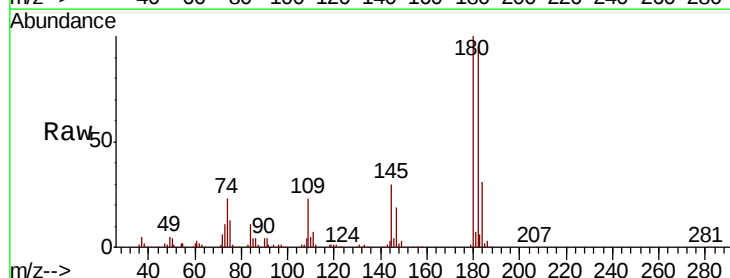
Tgt Ion:180 Resp: 133630

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 30.1 15.0 45.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

