

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081418\
 Data File : VX004025.D
 Acq On : 14 Aug 2018 12:01
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 24 06:36:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	472260	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	451690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	226275	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	180012	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.72	98	738222	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	11.14	95	268380	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	157293	50.622	ug/l 99
3) Chloromethane	1.32	50	182929	47.974	ug/l 100
4) Vinyl Chloride	1.40	62	202374	49.053	ug/l 98
5) Bromomethane	1.64	94	102728	49.133	ug/l 97
6) Chloroethane	1.72	64	137844	50.825	ug/l 98
7) Trichlorofluoromethane	1.93	101	279367	48.272	ug/l 100
8) Diethyl Ether	2.18	74	120968	47.878	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	173674	48.103	ug/l 100
10) Methyl Iodide	2.51	142	181509	47.364	ug/l 99
11) Tert butyl alcohol	3.05	59	224341	247.711	ug/l 100
12) 1,1-Dichloroethene	2.37	96	163515	48.695	ug/l 96
13) Acrolein	2.29	56	151903	247.338	ug/l 99
14) Allyl chloride	2.73	41	307846	48.181	ug/l 97
15) Acrylonitrile	3.14	53	546580	242.058	ug/l 100
16) Acetone	2.44	43	557509	238.428	ug/l 99
17) Carbon Disulfide	2.57	76	460898	48.391	ug/l 99
18) Methyl Acetate	2.77	43	245852	47.314	ug/l 98
19) Methyl tert-butyl Ether	3.20	73	570557	48.227	ug/l 100
20) Methylene Chloride	2.86	84	191535	50.118	ug/l 98
21) trans-1,2-Dichloroethene	3.17	96	182364	47.820	ug/l 99
22) Diisopropyl ether	3.87	45	599286	47.866	ug/l 98
23) Vinyl Acetate	3.82	43	2581218	251.013	ug/l 100
24) 1,1-Dichloroethane	3.70	63	340062	47.954	ug/l 100
25) 2-Butanone	4.70	43	925246	243.196	ug/l 100
26) 2,2-Dichloropropane	4.59	77	268815	47.679	ug/l 98
27) cis-1,2-Dichloroethene	4.60	96	204985	47.800	ug/l 98
28) Bromochloromethane	5.02	49	165351	50.821	ug/l 95
29) Tetrahydrofuran	5.15	42	467633	240.579	ug/l 98
30) Chloroform	5.22	83	332265	48.008	ug/l 98
31) Cyclohexane	5.58	56	296284	47.659	ug/l 97
32) 1,1,1-Trichloroethane	5.50	97	283746	49.061	ug/l 99
36) 1,1-Dichloropropene	5.80	75	258635	48.128	ug/l 100
37) Ethyl Acetate	4.85	43	281526	48.106	ug/l 100
38) Carbon Tetrachloride	5.79	117	254152	48.677	ug/l 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	309868	50.826	ug/l	99
40) Benzene	6.15	78	787483	48.801	ug/l	100
41) Methacrylonitrile	5.06	41	154578	47.163	ug/l	100
42) 1,2-Dichloroethane	6.20	62	272175	48.185	ug/l	100
43) Isopropyl Acetate	6.46	43	425346	49.310	ug/l	100
44) Trichloroethene	7.21	130	212189	48.437	ug/l	93
45) 1,2-Dichloropropane	7.52	63	201294	48.728	ug/l	99
46) Dibromomethane	7.67	93	131307	48.639	ug/l	99
47) Bromodichloromethane	7.90	83	255434	49.959	ug/l	99
48) Methyl methacrylate	7.78	41	225373	51.902	ug/l	99
49) 1,4-Dioxane	7.76	88	101857	1041.875	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1824797	257.998	ug/l	100
52) Toluene	8.79	92	508288	49.806	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	287467	52.045	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	314422	51.402	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	204283	48.472	ug/l	99
56) Ethyl methacrylate	9.18	69	306692	53.515	ug/l	99
57) 1,3-Dichloropropane	9.37	76	346120	49.500	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	796666	272.997	ug/l	99
59) 2-Hexanone	9.50	43	1395411	262.141	ug/l	100
60) Dibromochloromethane	9.59	129	206006	50.795	ug/l	100
61) 1,2-Dibromoethane	9.68	107	213384	49.667	ug/l	99
64) Tetrachloroethene	9.34	164	204451	47.757	ug/l	94
65) Chlorobenzene	10.14	112	556438	47.690	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	193574	48.643	ug/l	97
67) Ethyl Benzene	10.26	91	928685	50.264	ug/l	98
68) m/p-Xylenes	10.36	106	740734	102.381	ug/l	99
69) o-Xylene	10.70	106	364310	52.689	ug/l	95
70) Styrene	10.71	104	613515	52.723	ug/l	98
71) Bromoform	10.86	173	159266	50.471	ug/l	98
73) Isopropylbenzene	11.02	105	983302	52.434	ug/l	96
74) N-amyl acetate	6.46	43	425346	48.222	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	316994	48.404	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	370447	66.660	ug/l	84
77) Bromobenzene	11.26	156	256225	49.564	ug/l	100
78) n-propylbenzene	11.36	91	1130453	53.866	ug/l	99
79) 2-Chlorotoluene	11.42	91	655979	51.291	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	819010	53.338	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	94521	52.650	ug/l	99
82) 4-Chlorotoluene	11.51	91	780393	51.621	ug/l	99
83) tert-Butylbenzene	11.77	119	807919	52.185	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	852957	53.634	ug/l	100
85) sec-Butylbenzene	11.95	105	962640	53.125	ug/l	99
86) p-Isopropyltoluene	12.07	119	867675	52.893	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	479256	48.608	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	486315	47.925	ug/l	99
89) n-Butylbenzene	12.39	91	652432	50.473	ug/l	99
90) Hexachloroethane	12.60	117	120706	49.177	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	418324	47.046	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58116	50.493	ug/l	98

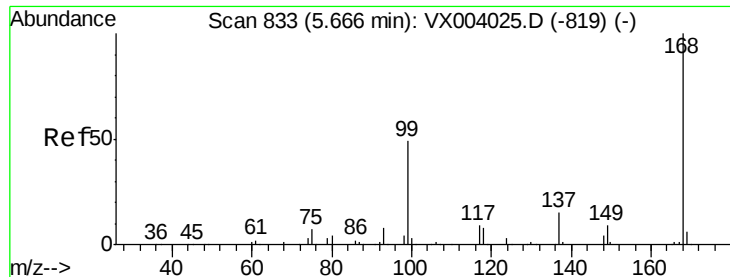
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319423	52.551	ug/l	98
94) Hexachlorobutadiene	13.79	225	146615	48.120	ug/l	100
95) Naphthalene	13.83	128	992947	51.219	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	346733	52.314	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: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

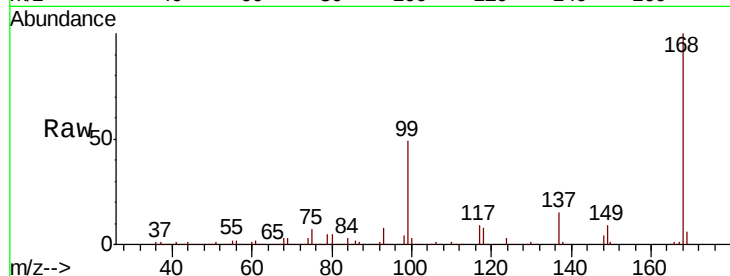
VSTDICCC050

Tgt Ion:168 Resp: 319199

Ion Ratio Lower Upper

168 100

99 48.9 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

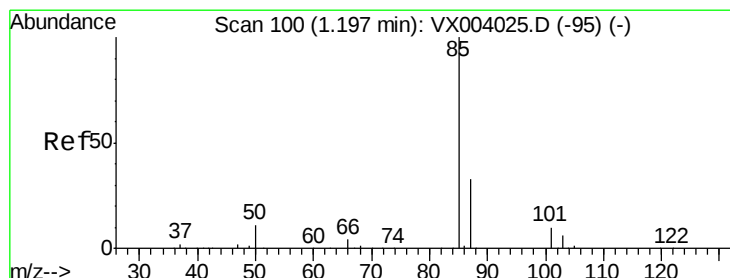
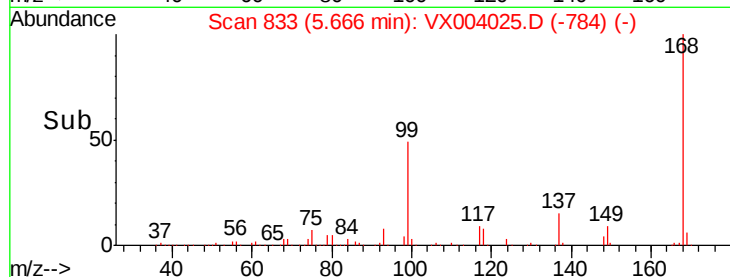
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.622 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX004025.D

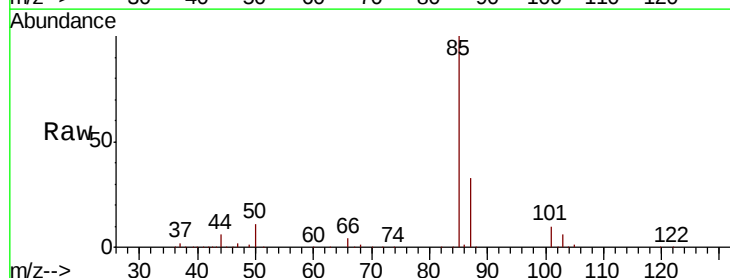
Acq: 14 Aug 2018 12:01

Tgt Ion: 85 Resp: 157293

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

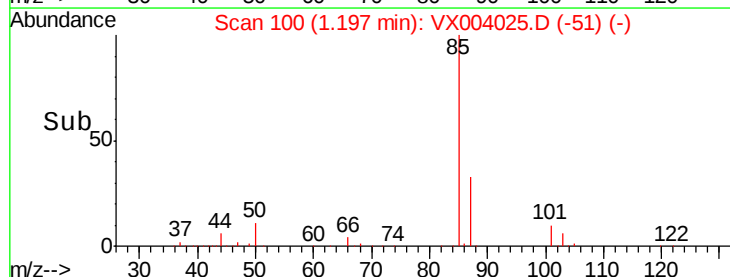
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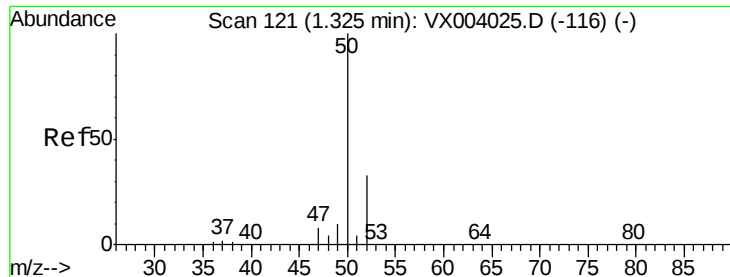
100000

50000

0

Time--> 1.10 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.974 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

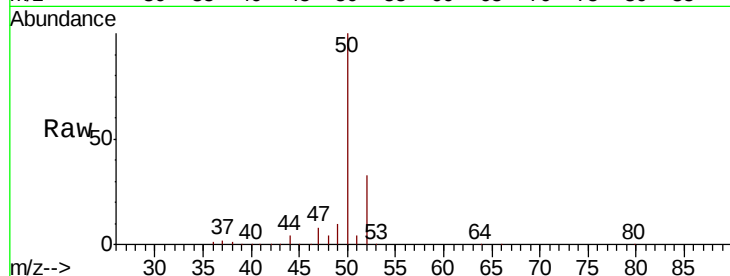
VSTDICCC050

Tgt Ion: 50 Resp: 182929

Ion Ratio Lower Upper

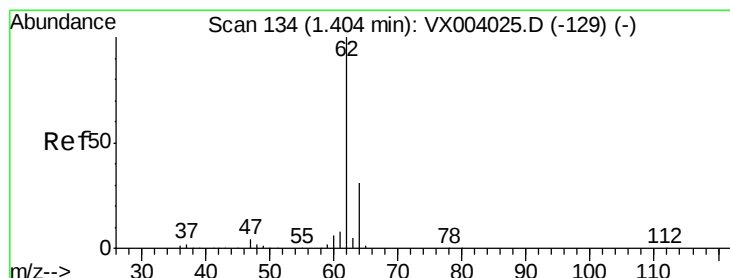
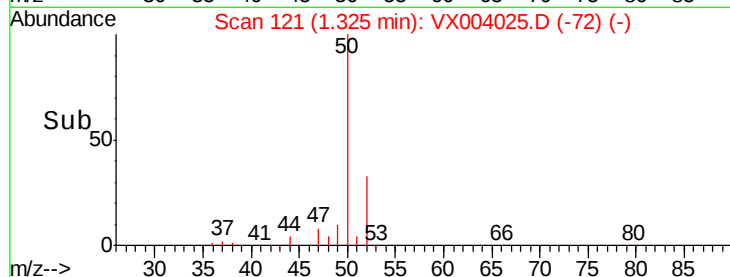
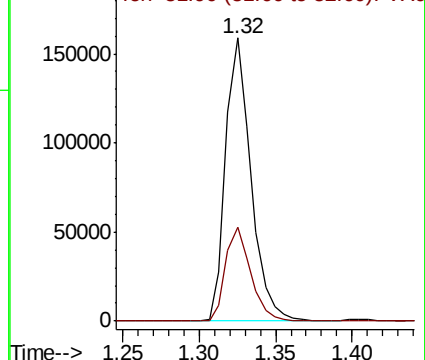
50 100

52 33.1 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.053 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004025.D

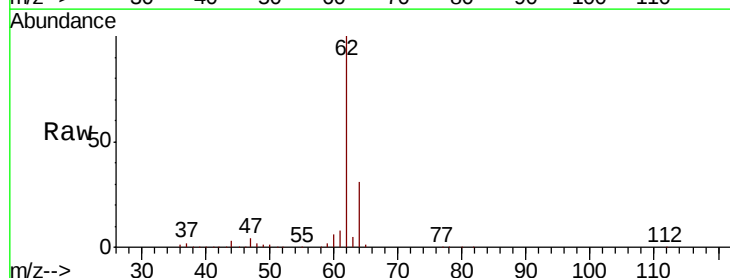
Acq: 14 Aug 2018 12:01

Tgt Ion: 62 Resp: 202374

Ion Ratio Lower Upper

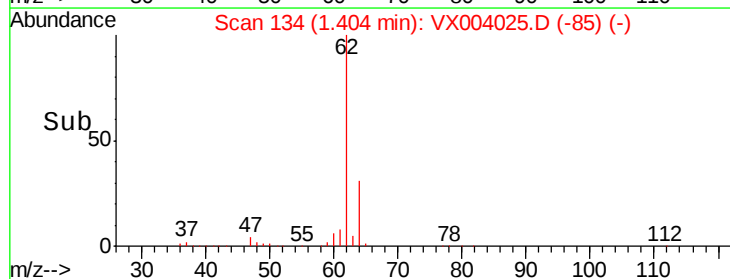
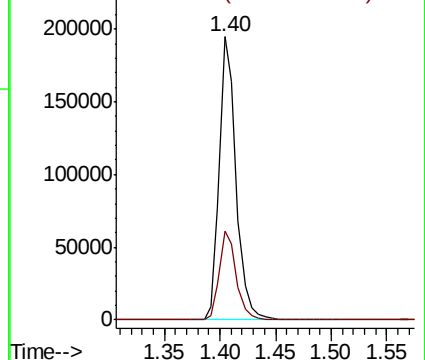
62 100

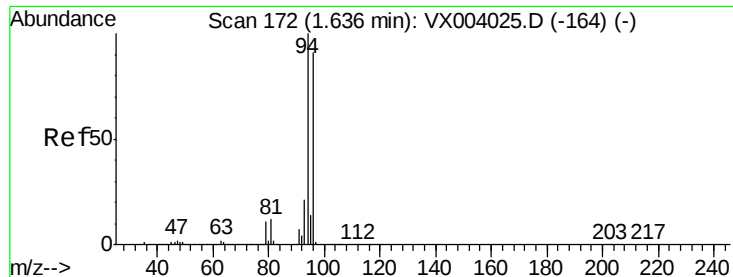
64 31.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.133 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

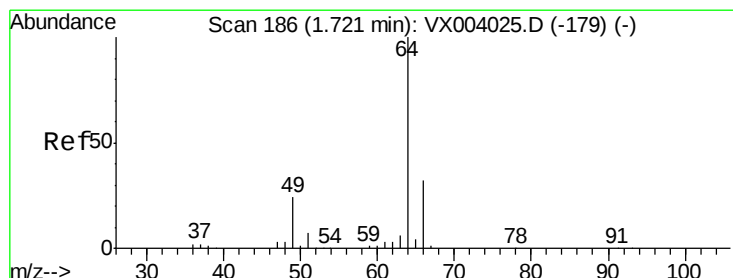
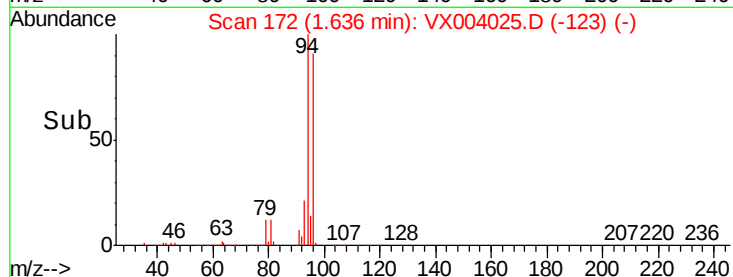
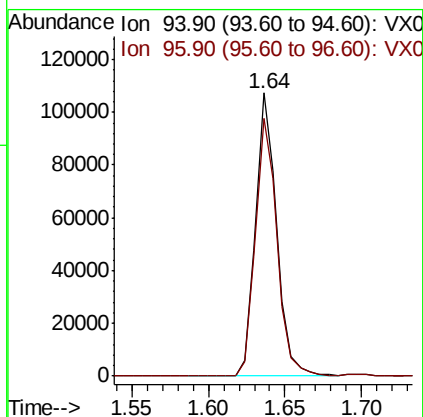
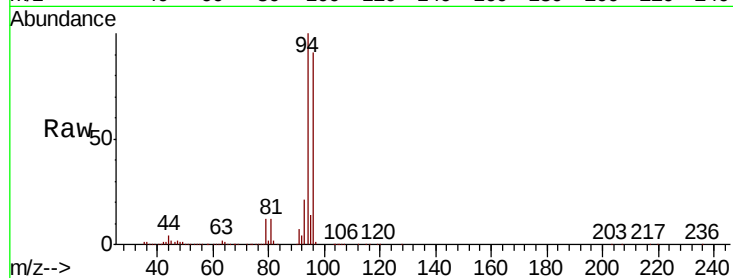
VSTDICCC050

Tgt Ion: 94 Resp: 102728

Ion Ratio Lower Upper

94 100

96 91.0 75.2 112.8



#6

Chloroethane

Concen: 50.825 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004025.D

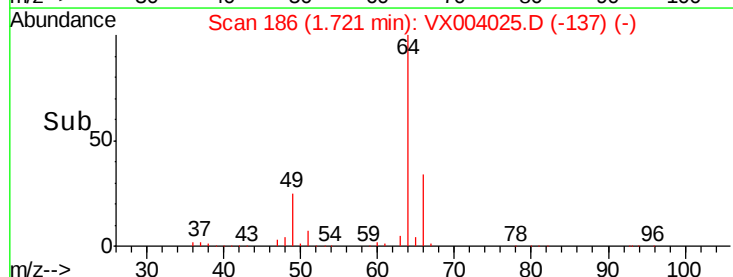
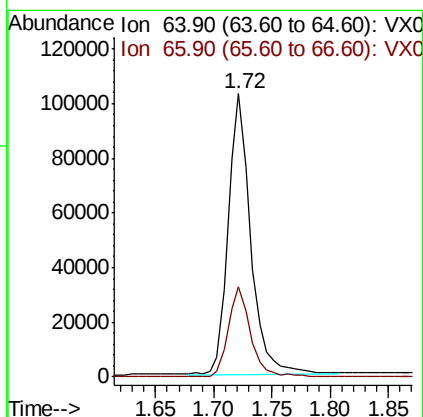
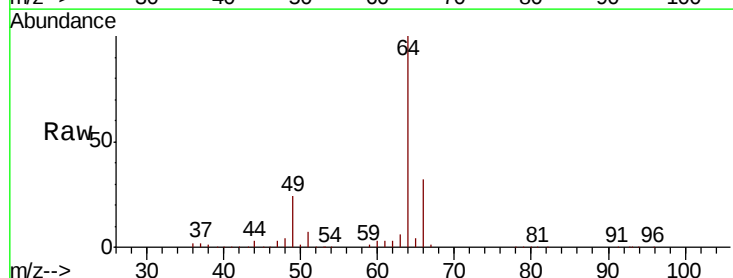
Acq: 14 Aug 2018 12:01

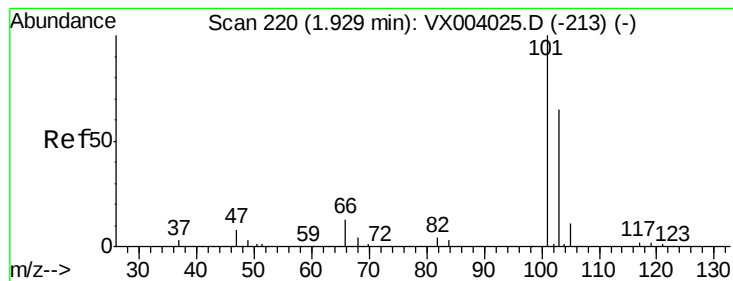
Tgt Ion: 64 Resp: 137844

Ion Ratio Lower Upper

64 100

66 32.1 26.5 39.7



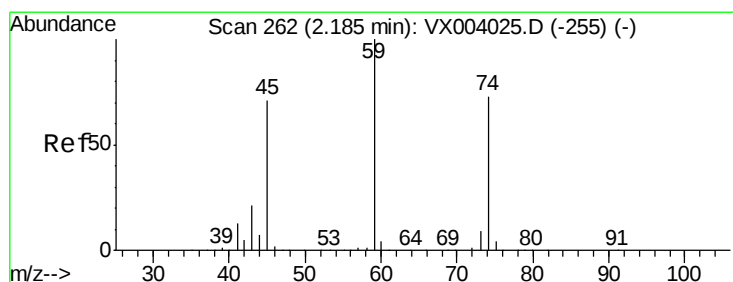
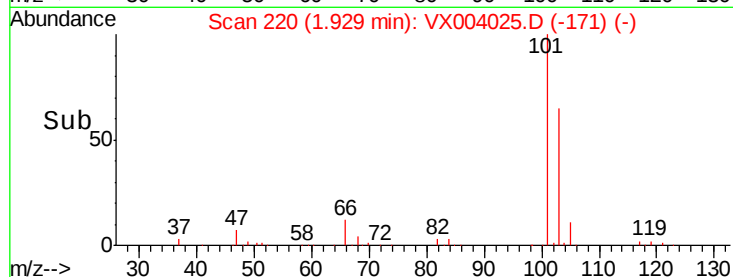
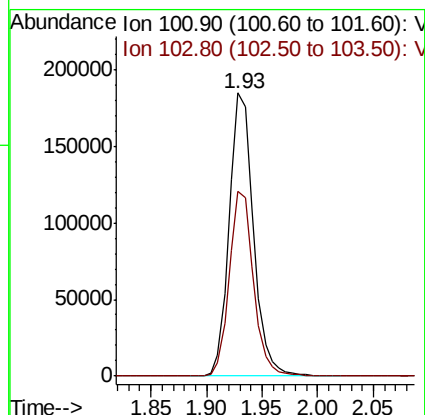
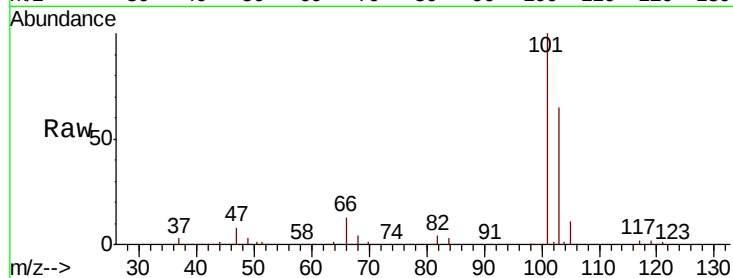


#7

Trichlorofluoromethane
Concen: 48.272 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

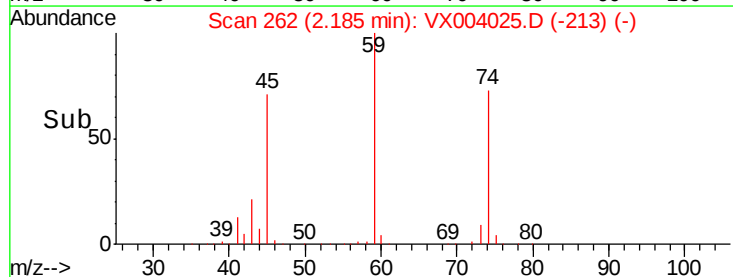
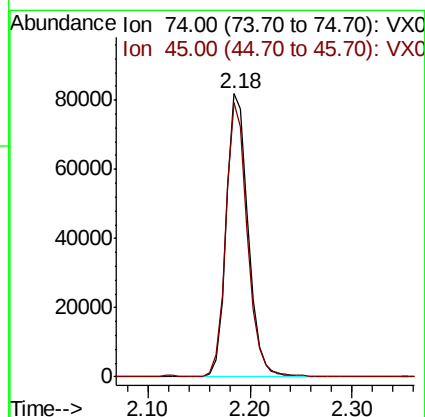
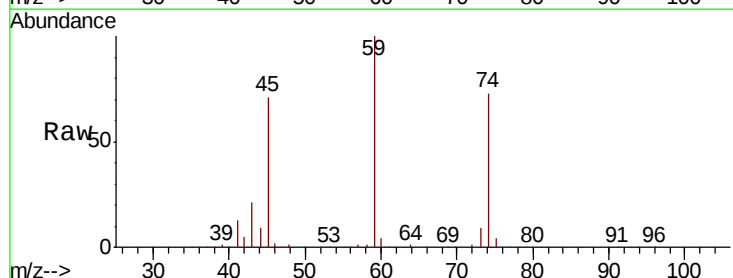
Tgt Ion: 101 Resp: 279367
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5

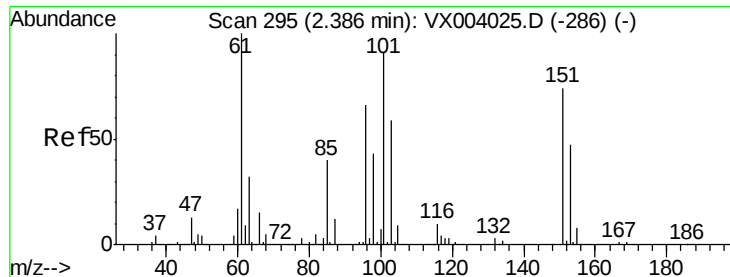


#8

Diethyl Ether
Concen: 47.878 ug/l
RT: 2.18 min Scan# 262
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 74 Resp: 120968
Ion Ratio Lower Upper
74 100
45 95.4 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.103 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

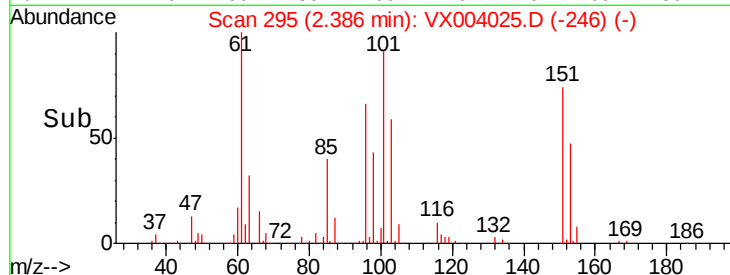
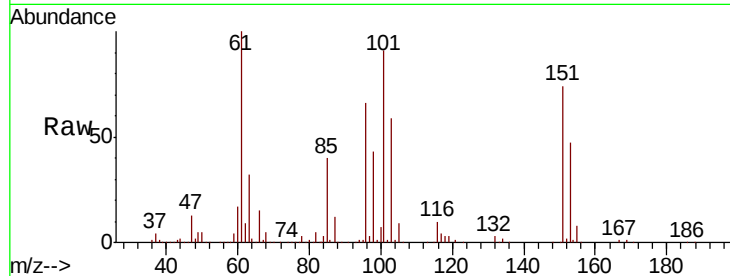
Tgt Ion:101 Resp: 173674

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.4

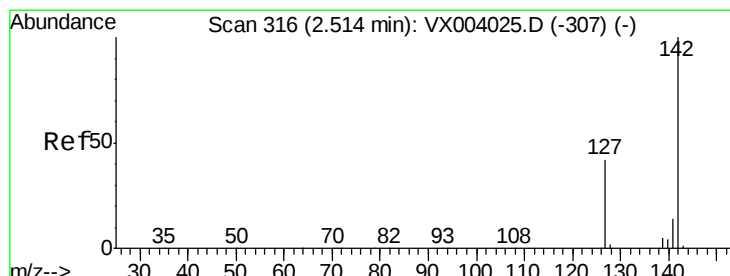
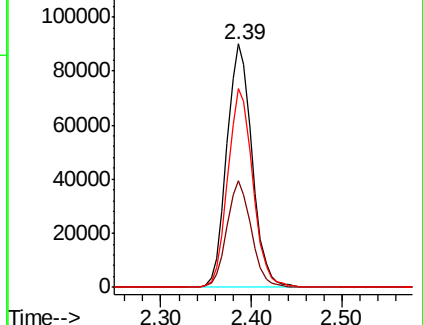
151 81.2 65.0 97.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.364 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

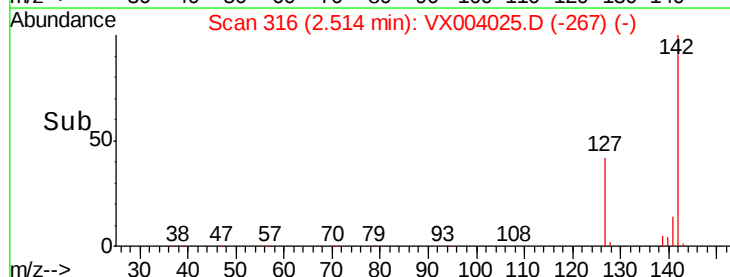
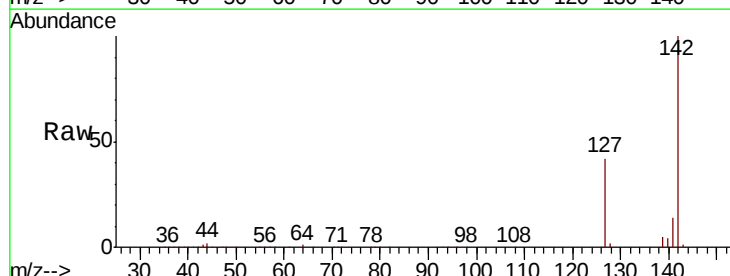
Tgt Ion:142 Resp: 181509

Ion Ratio Lower Upper

142 100

127 42.1 33.1 49.7

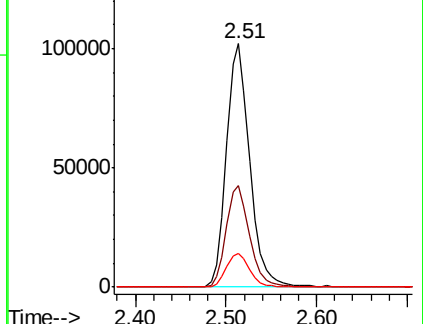
141 14.1 11.1 16.7

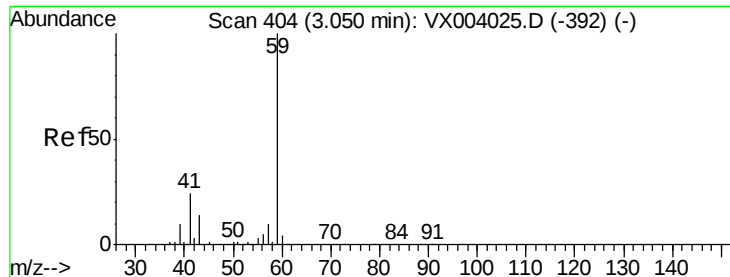


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

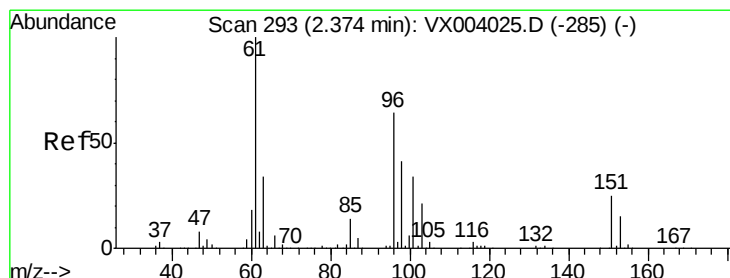
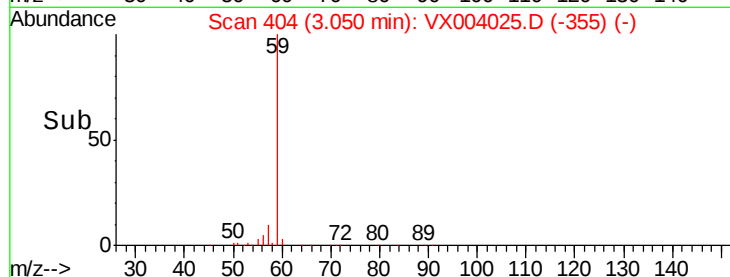
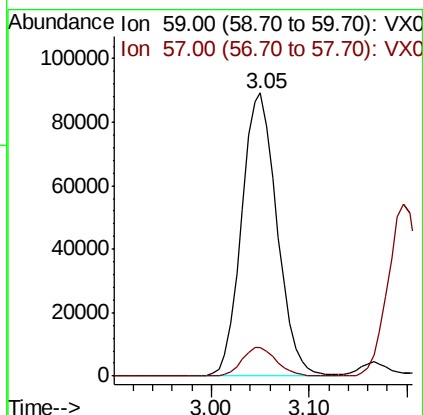
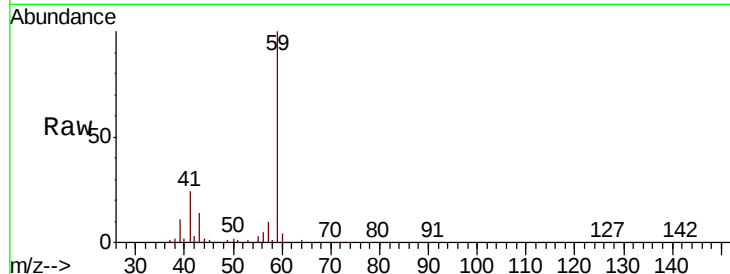




#11
Tert butyl alcohol
Concen: 247.711 ug/l
RT: 3.05 min Scan# 404
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

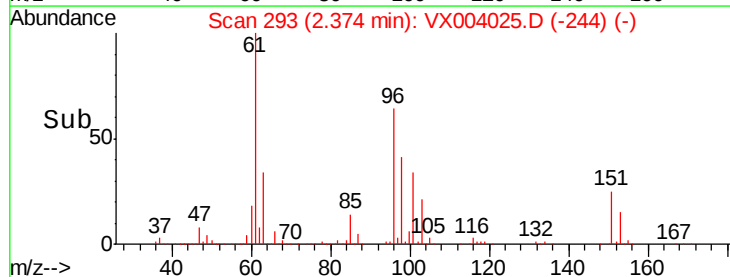
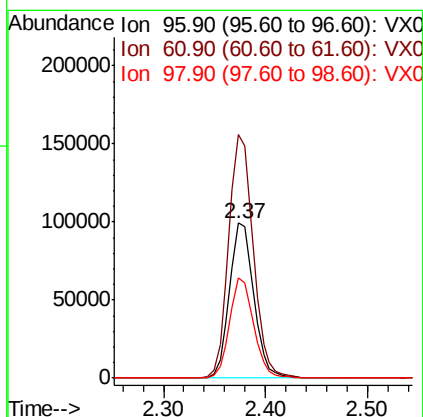
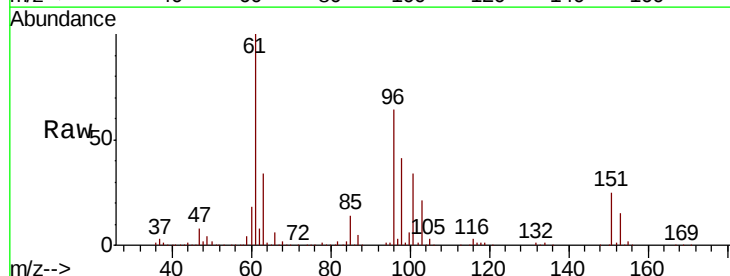
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

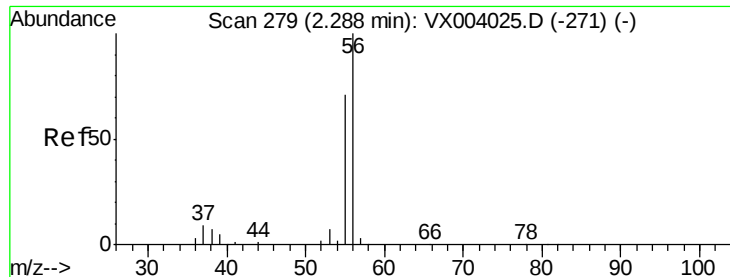
Tgt Ion: 59 Resp: 224341
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.695 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 96 Resp: 163515
Ion Ratio Lower Upper
96 100
61 157.1 131.3 196.9
98 64.7 51.8 77.6

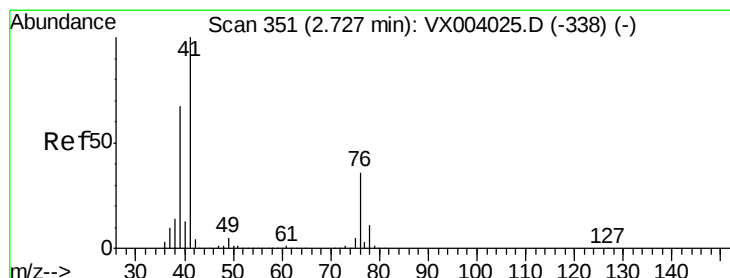
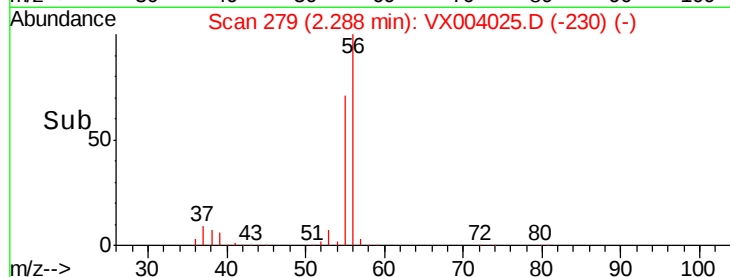
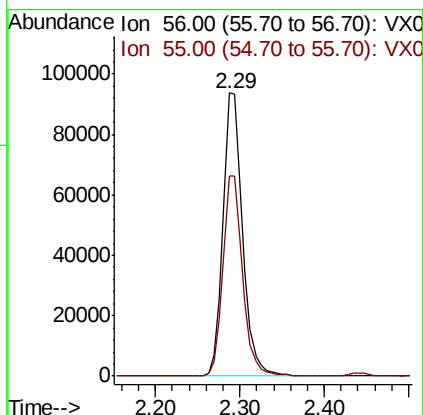
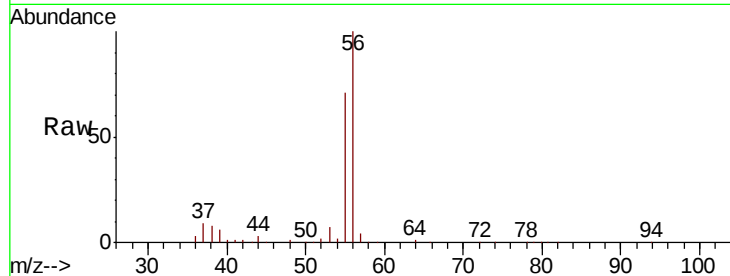




#13
 Acrolein
 Concen: 247.338 ug/l
 RT: 2.29 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

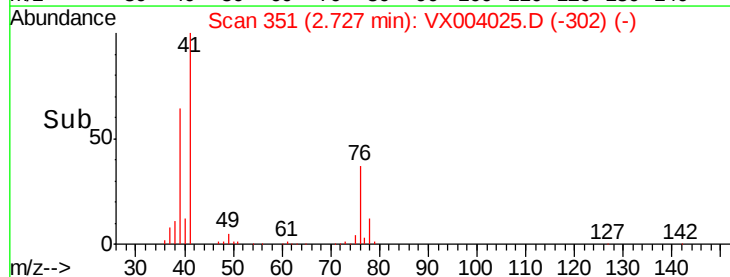
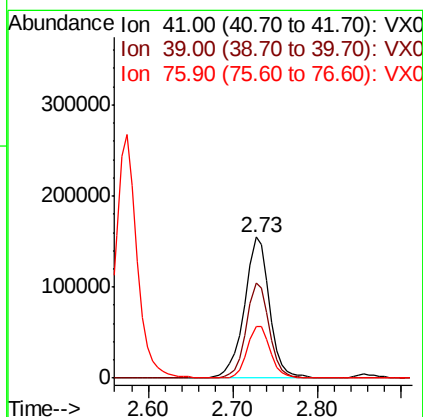
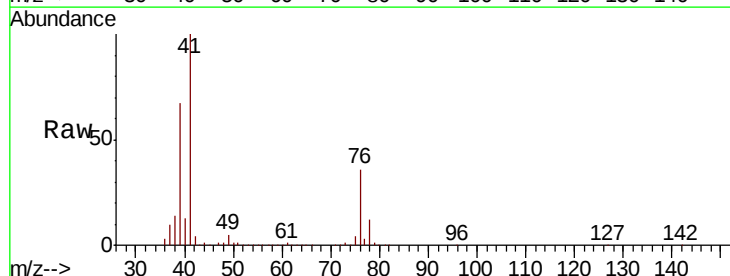
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

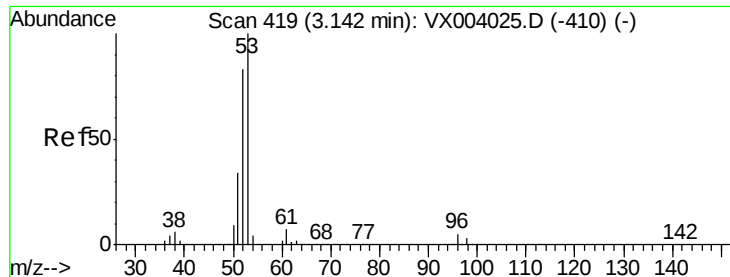
Tgt Ion: 56 Resp: 151903
 Ion Ratio Lower Upper
 56 100
 55 70.7 56.1 84.1



#14
 Allyl chloride
 Concen: 48.181 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 41 Resp: 307846
 Ion Ratio Lower Upper
 41 100
 39 62.1 47.4 71.0
 76 33.4 26.0 39.0





#15

Acrylonitrile

Concen: 242.058 ug/l

RT: 3.14 min Scan# 419

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

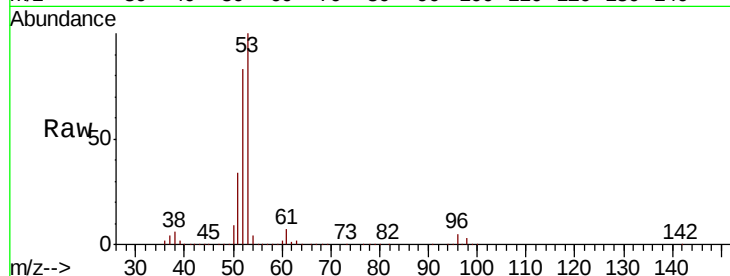
Tgt Ion: 53 Resp: 546580

Ion Ratio Lower Upper

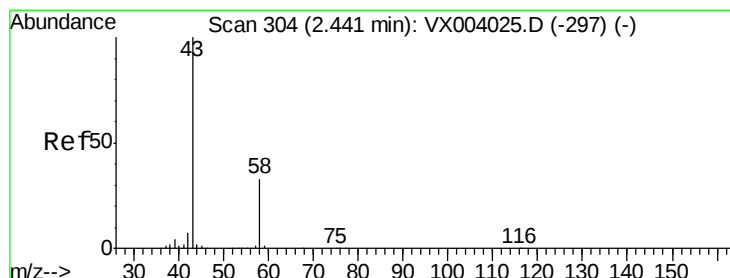
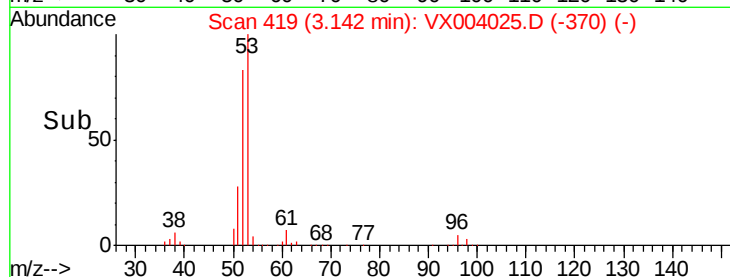
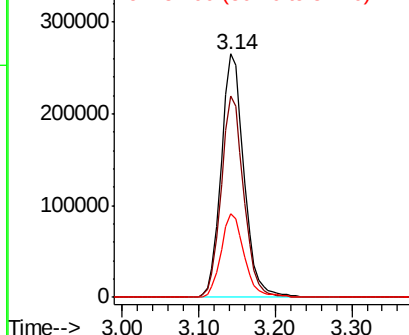
53 100

52 82.1 65.3 97.9

51 35.0 27.9 41.9



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



#16

Acetone

Concen: 238.428 ug/l

RT: 2.44 min Scan# 304

Delta R.T. 0.00 min

Lab File: VX004025.D

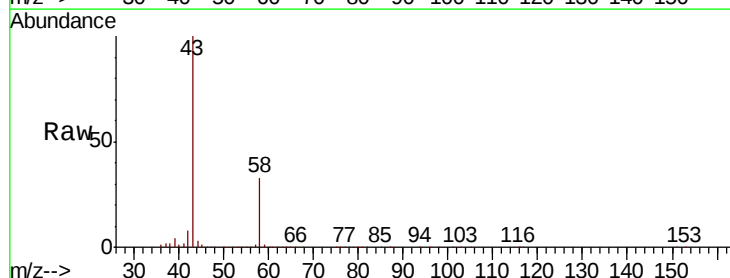
Acq: 14 Aug 2018 12:01

Tgt Ion: 43 Resp: 557509

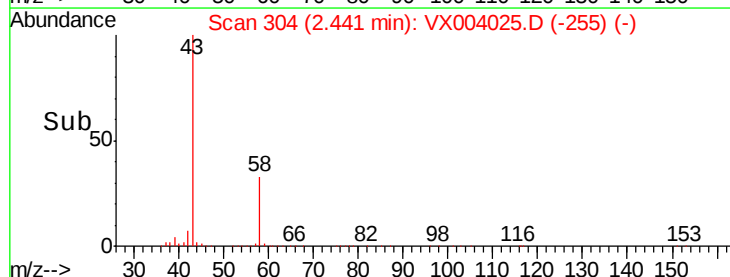
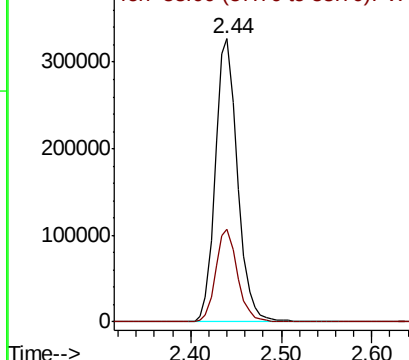
Ion Ratio Lower Upper

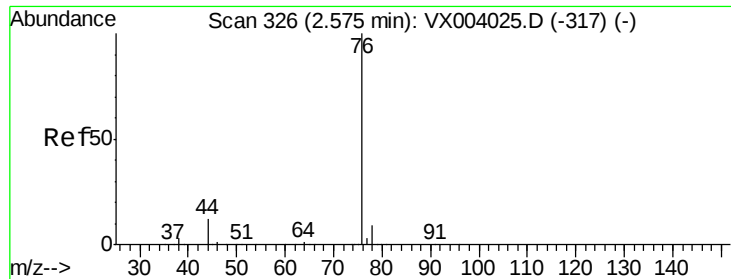
43 100

58 32.6 26.4 39.6



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

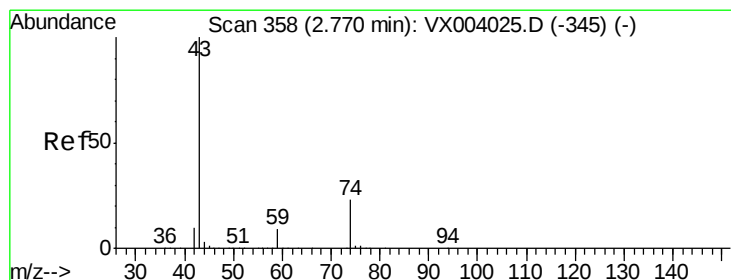
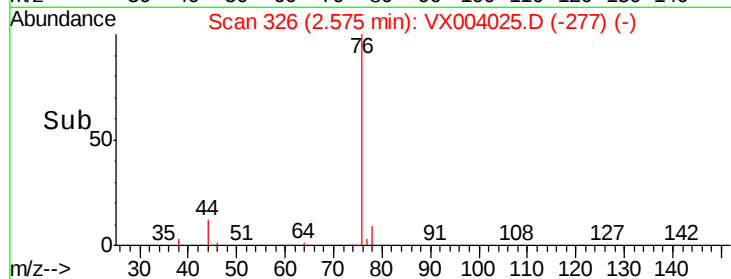
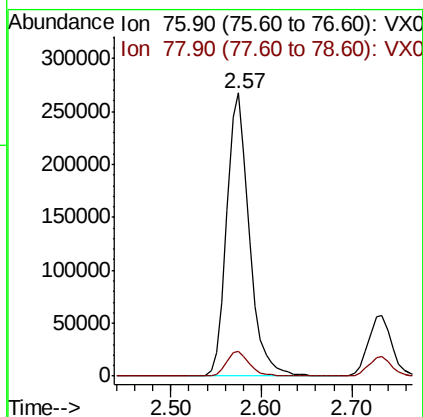
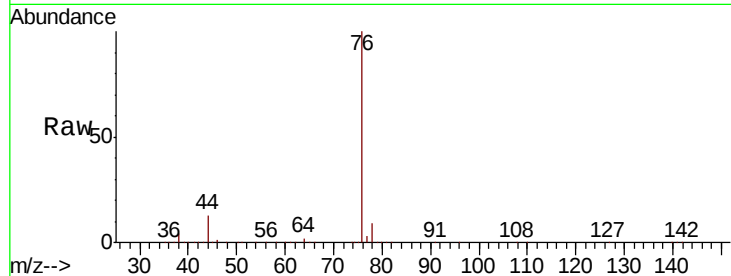




#17
Carbon Disulfide
Concen: 48.391 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

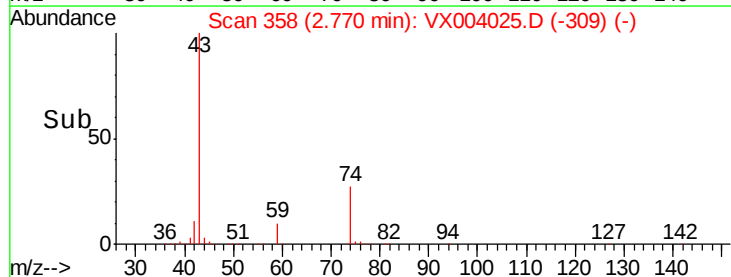
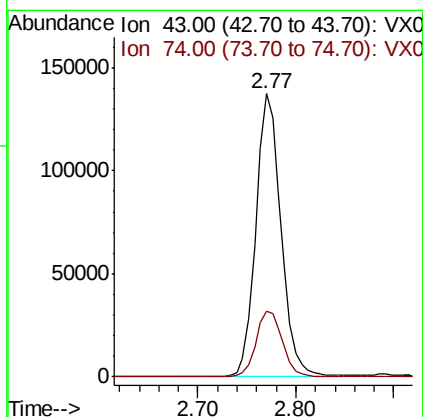
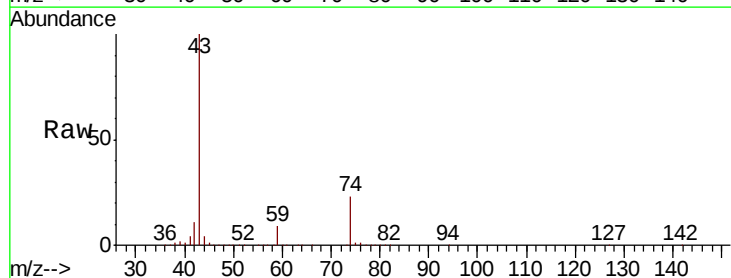
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

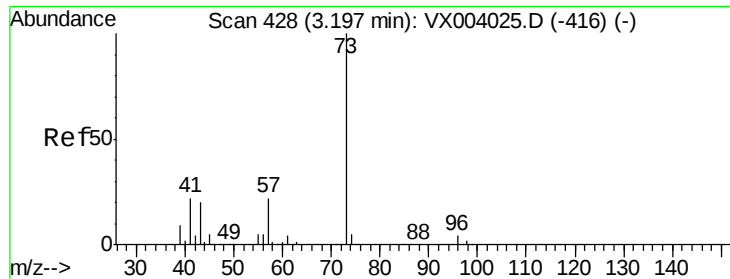
Tgt Ion: 76 Resp: 460898
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 47.314 ug/l
RT: 2.77 min Scan# 358
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 43 Resp: 245852
Ion Ratio Lower Upper
43 100
74 24.7 18.9 28.3

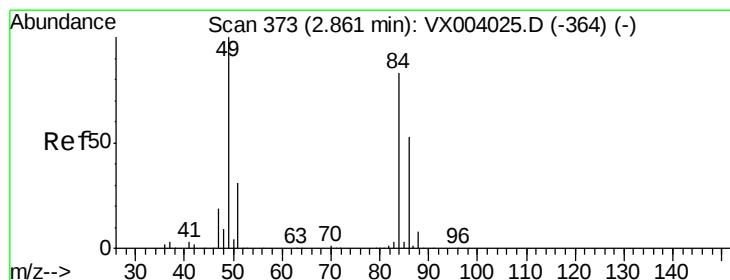
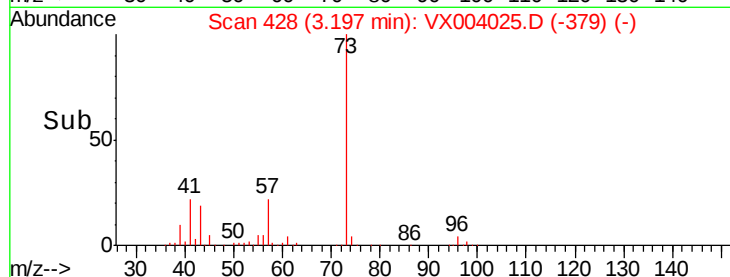
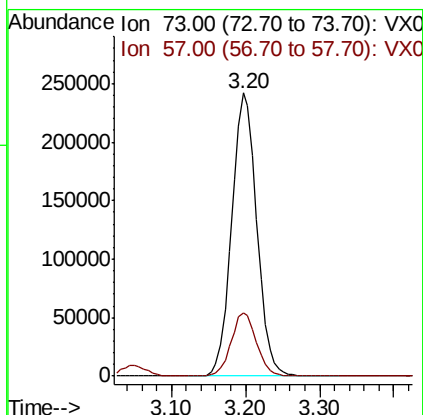
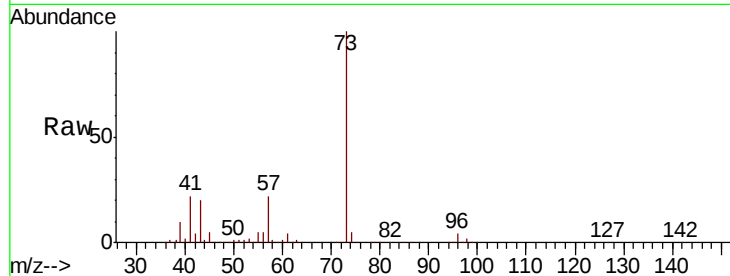




#19
Methyl tert-butyl Ether
Concen: 48.227 ug/l
RT: 3.20 min Scan# 428
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

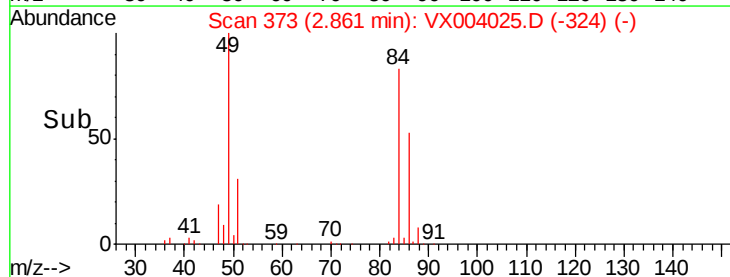
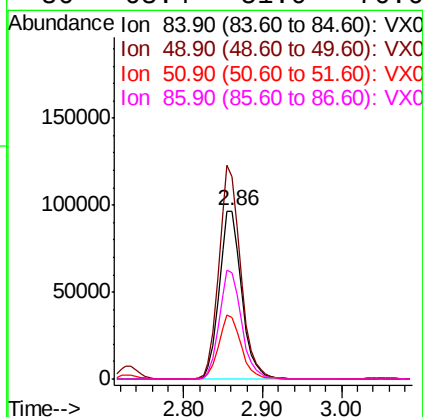
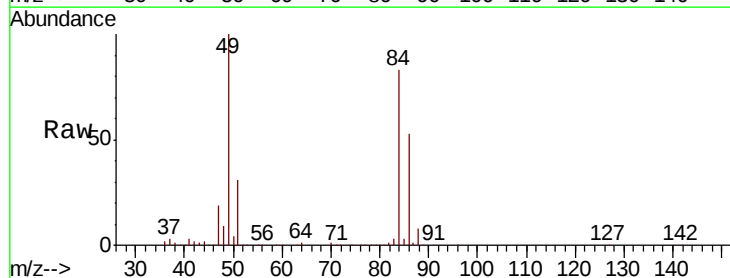
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

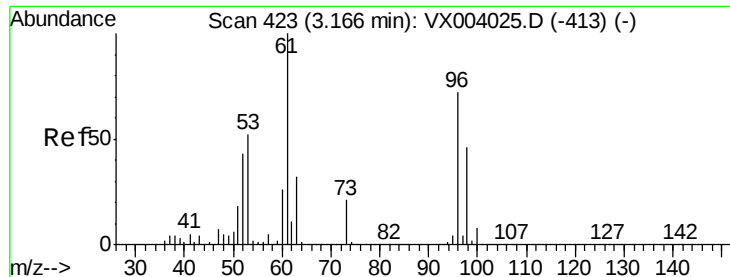
Tgt Ion: 73 Resp: 570557
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 50.118 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 84 Resp: 191535
Ion Ratio Lower Upper
84 100
49 119.9 98.9 148.3
51 36.6 29.9 44.9
86 63.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.820 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

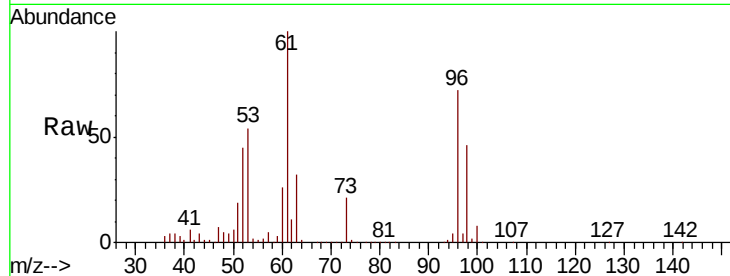
Tgt Ion: 96 Resp: 182364

Ion Ratio Lower Upper

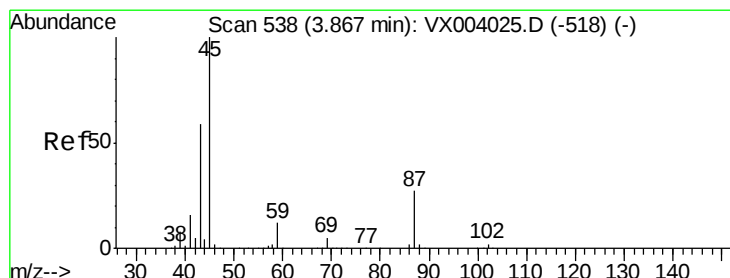
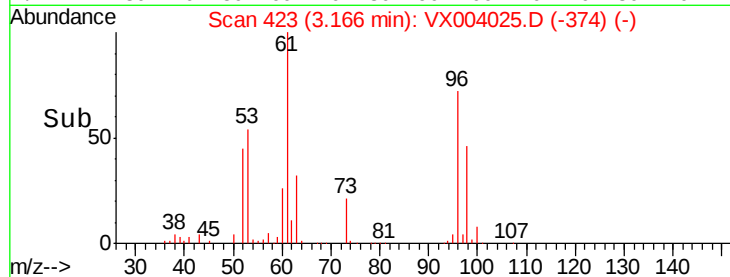
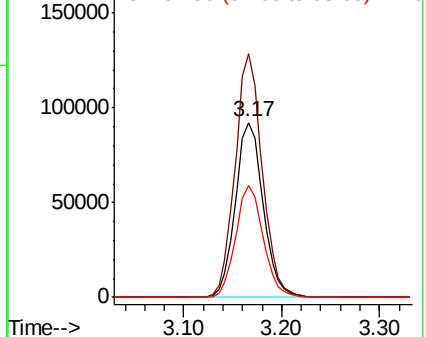
96 100

61 139.2 111.8 167.6

98 64.1 51.8 77.6



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



#22

Diisopropyl ether

Concen: 47.866 ug/l

RT: 3.87 min Scan# 538

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion: 45 Resp: 599286

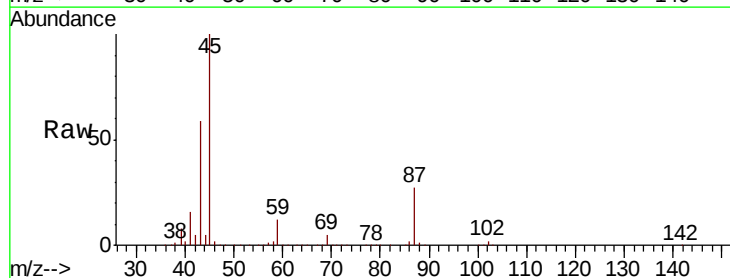
Ion Ratio Lower Upper

45 100

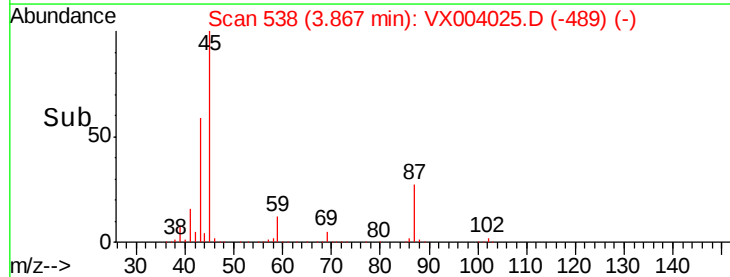
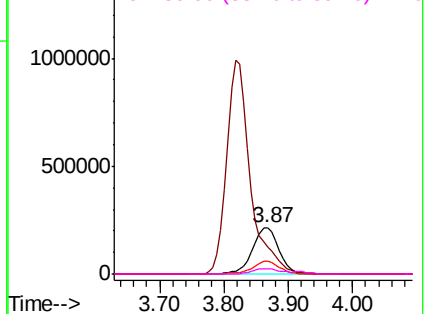
43 58.6 45.3 67.9

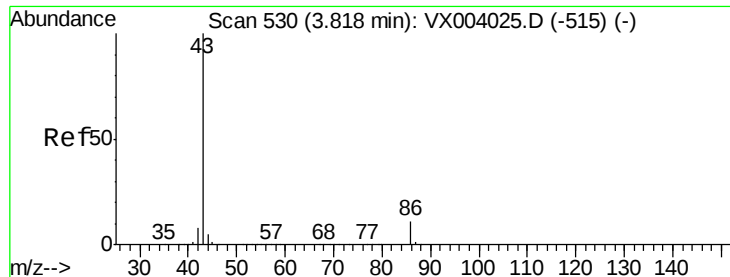
87 27.2 22.7 34.1

59 11.9 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 251.013 ug/l

RT: 3.82 min Scan# 530

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

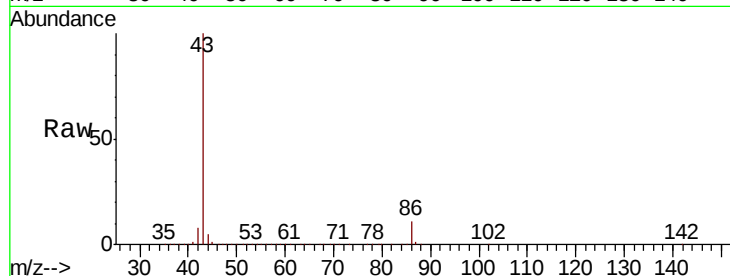
VSTDICCC050

Tgt Ion: 43 Resp: 2581218

Ion Ratio Lower Upper

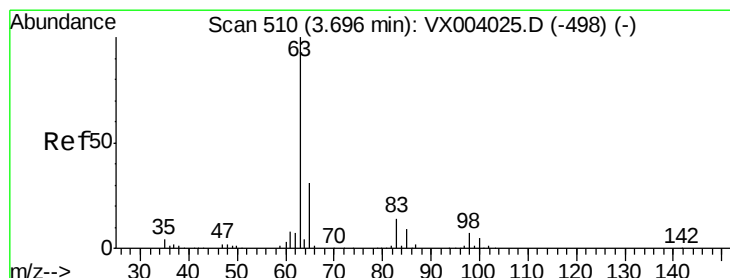
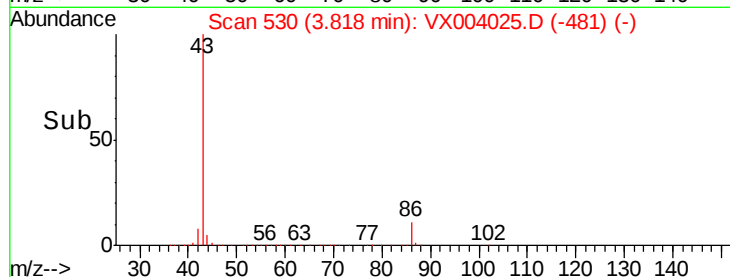
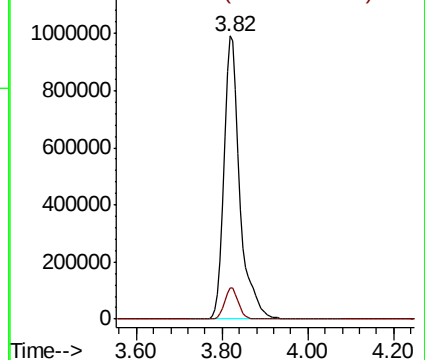
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.954 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

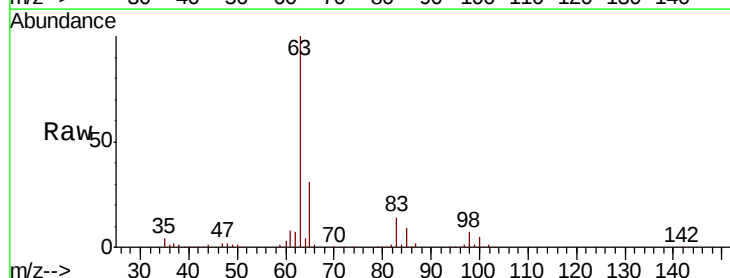
Tgt Ion: 63 Resp: 340062

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

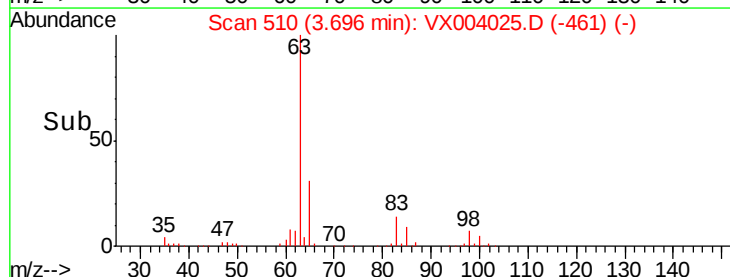
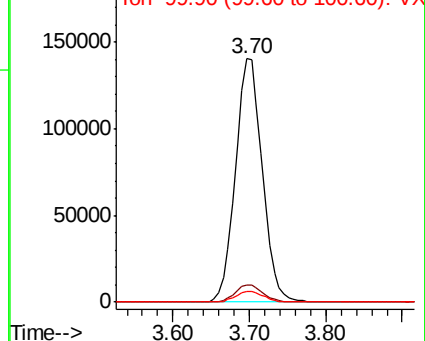
100 4.5 2.3 6.8

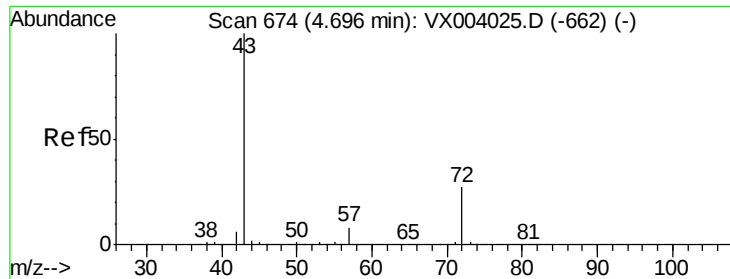


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 243.196 ug/l

RT: 4.70 min Scan# 674

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

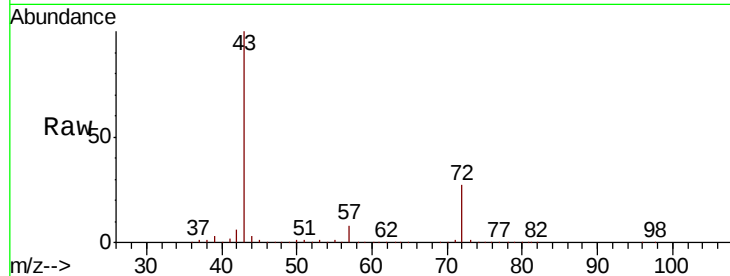
VSTDICCC050

Tgt Ion: 43 Resp: 925246

Ion Ratio Lower Upper

43 100

72 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.70

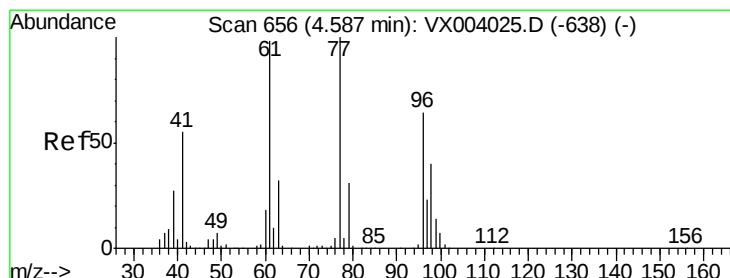
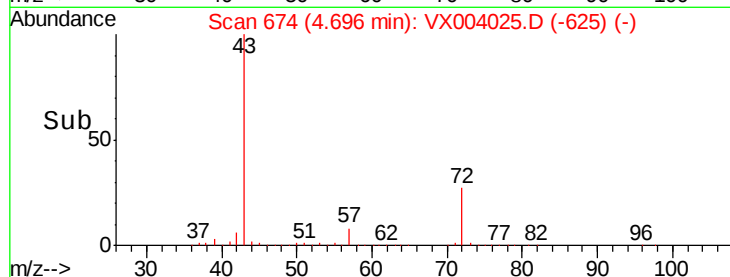
300000

200000

100000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.679 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX004025.D

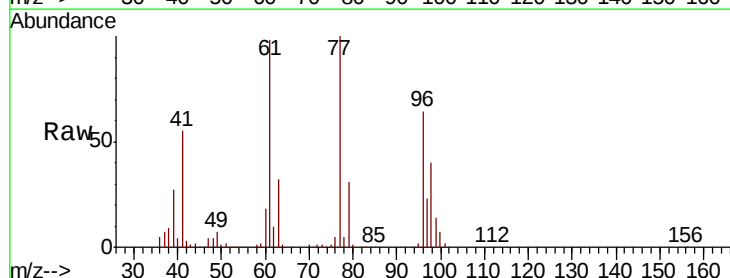
Acq: 14 Aug 2018 12:01

Tgt Ion: 77 Resp: 268815

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

100000

80000

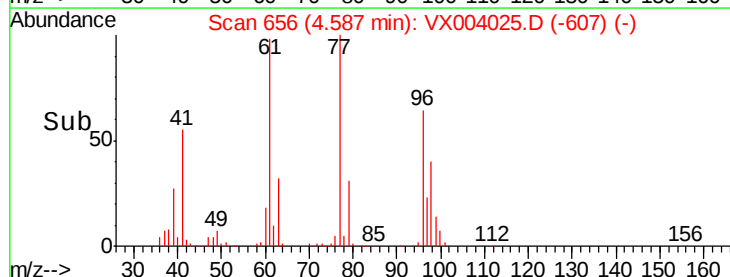
60000

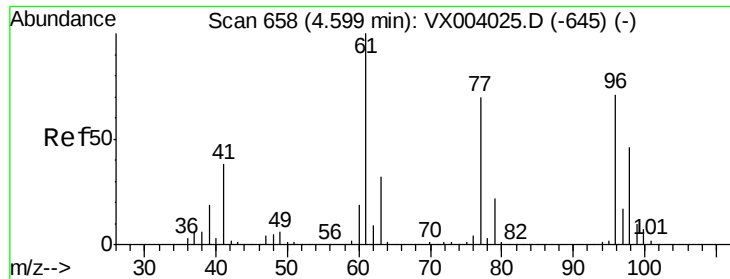
40000

20000

0

Time-->



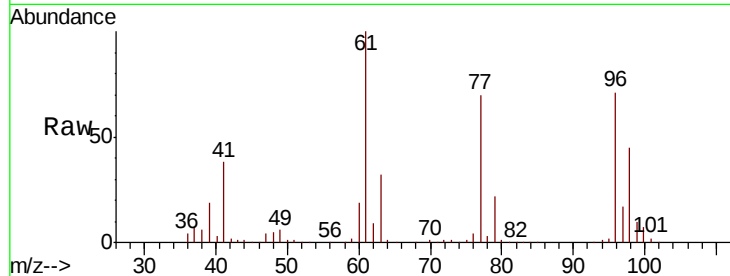


#27

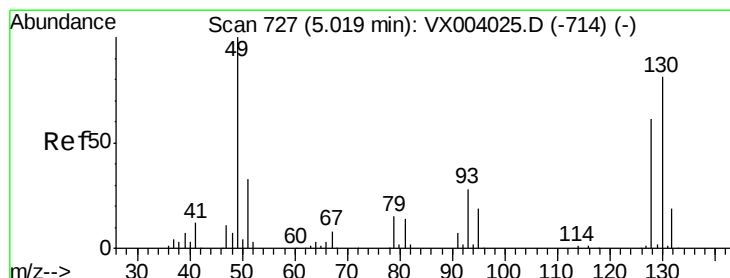
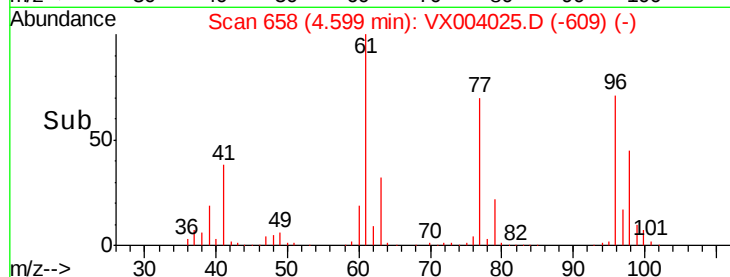
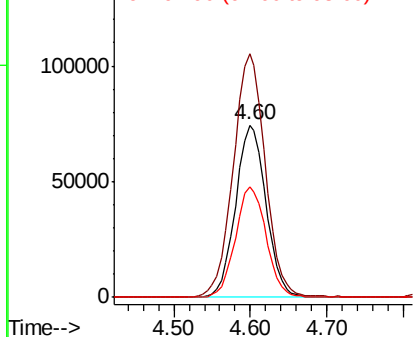
cis-1,2-Dichloroethene
 Concen: 47.800 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 204985
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 293.0
 98 64.6 0.0 131.8



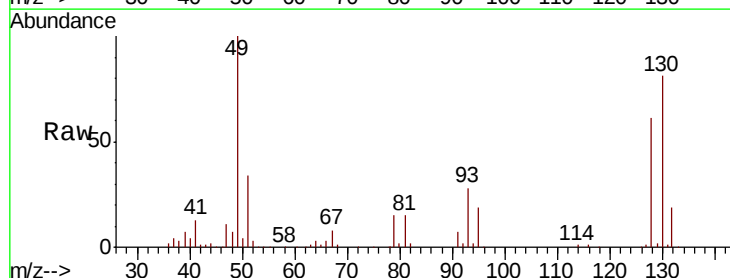
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



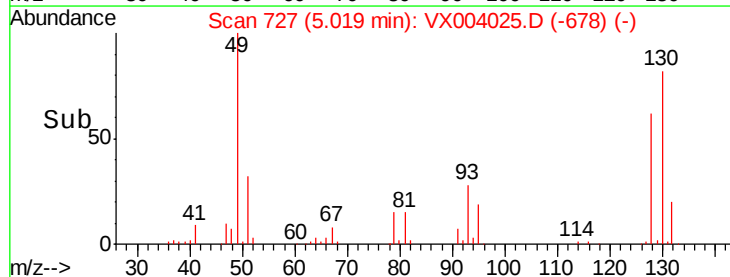
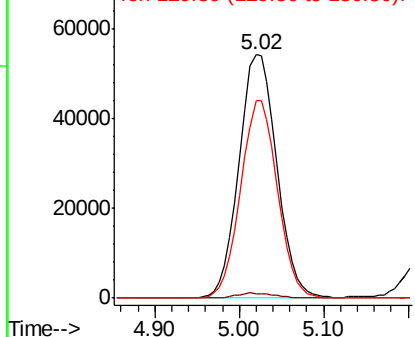
#28

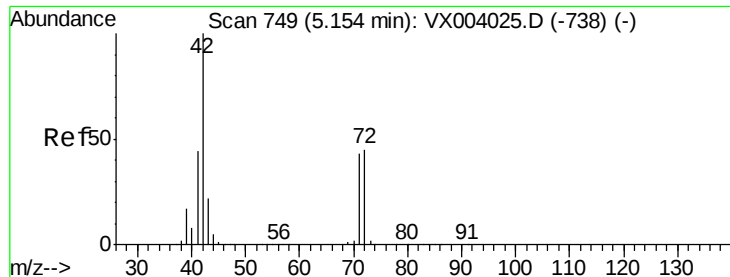
Bromochloromethane
 Concen: 50.821 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 49 Resp: 165351
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 78.7 66.5 99.7



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





#29

Tetrahydrofuran

Concen: 240.579 ug/l

RT: 5.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

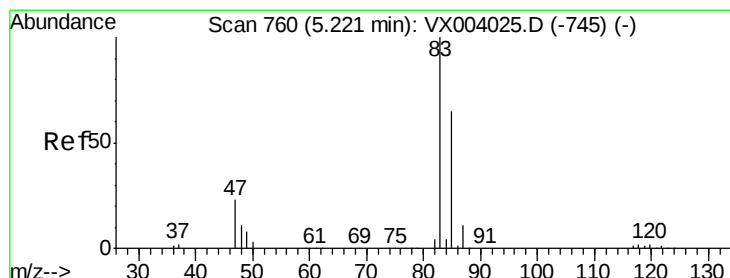
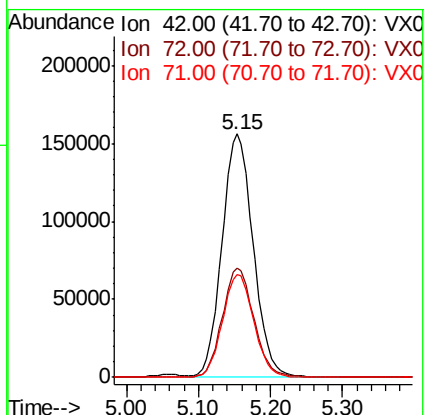
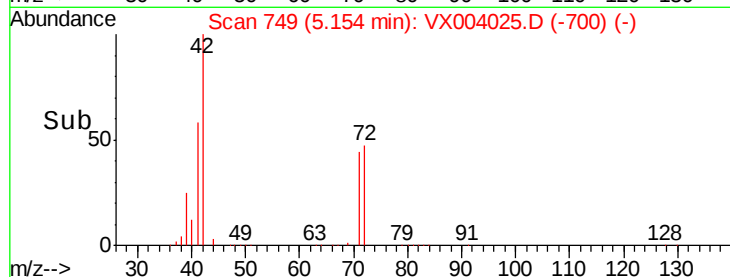
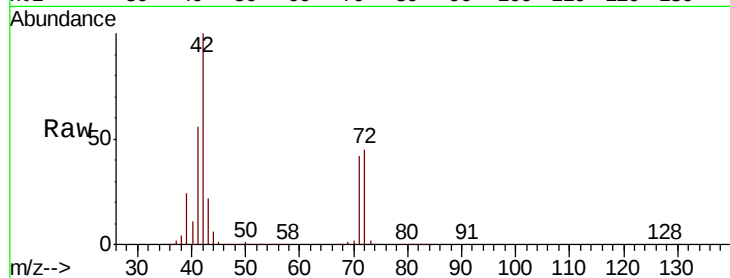
Tgt Ion: 42 Resp: 467633

Ion Ratio Lower Upper

42 100

72 45.6 37.7 56.5

71 42.6 35.0 52.6



#30

Chloroform

Concen: 48.008 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX004025.D

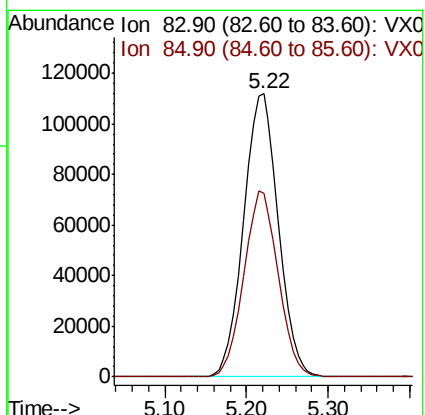
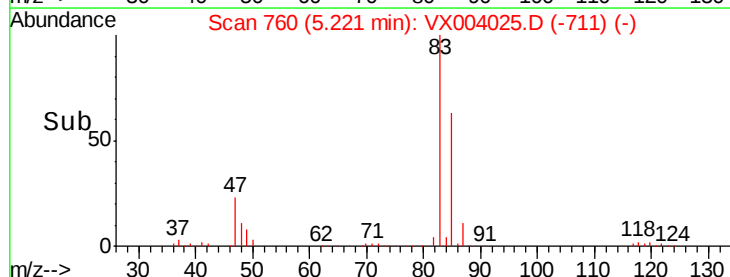
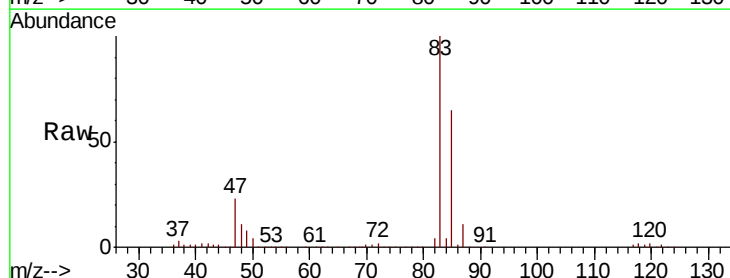
Acq: 14 Aug 2018 12:01

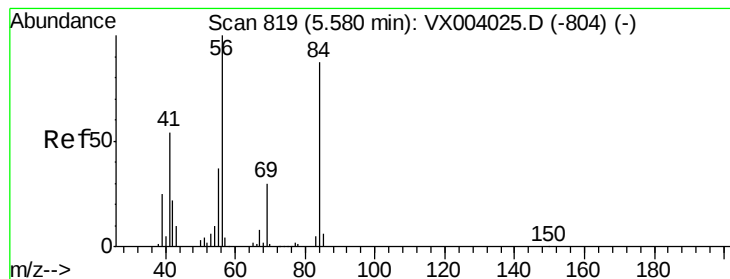
Tgt Ion: 83 Resp: 332265

Ion Ratio Lower Upper

83 100

85 65.1 50.7 76.1





#31

Cyclohexane

Concen: 47.659 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

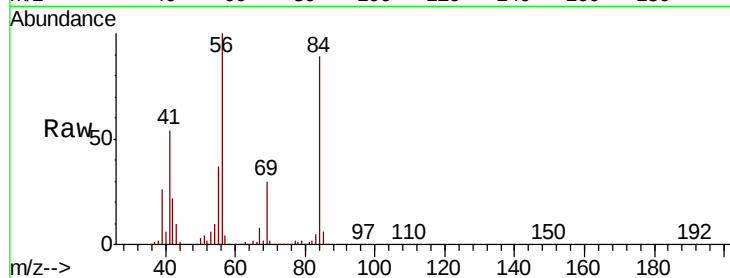
Tgt Ion: 56 Resp: 296284

Ion Ratio Lower Upper

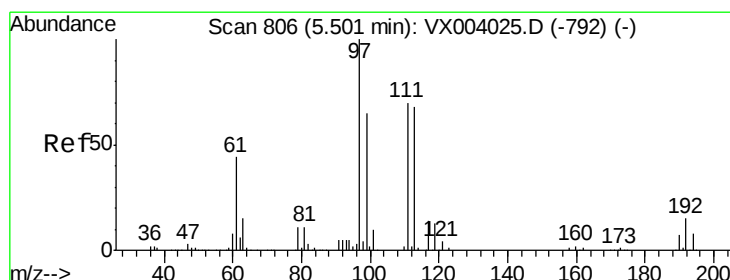
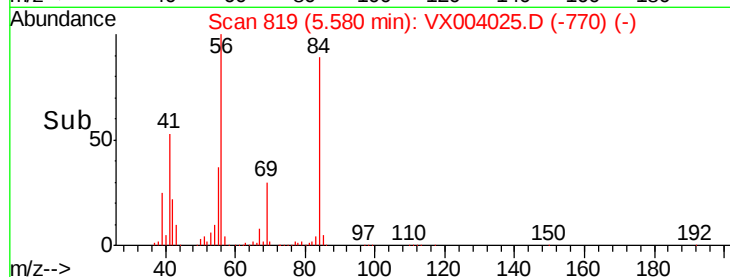
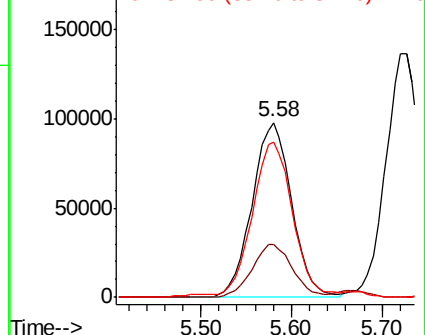
56 100

69 30.0 24.9 37.3

84 87.0 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.061 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

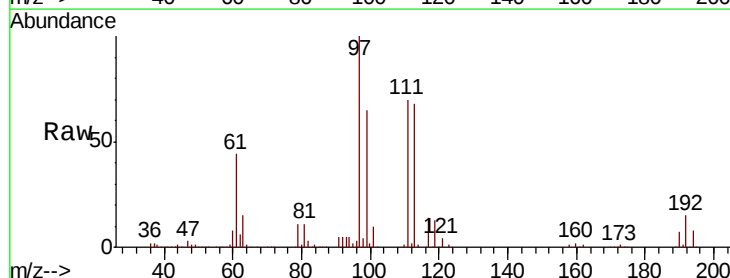
Tgt Ion: 97 Resp: 283746

Ion Ratio Lower Upper

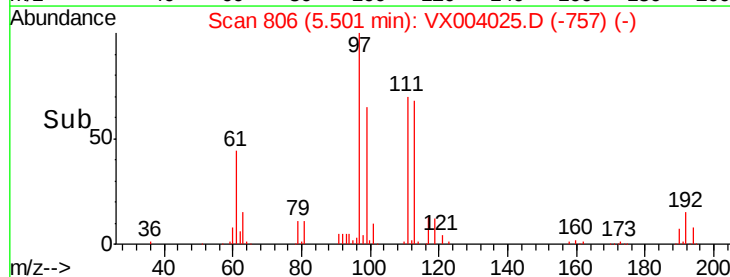
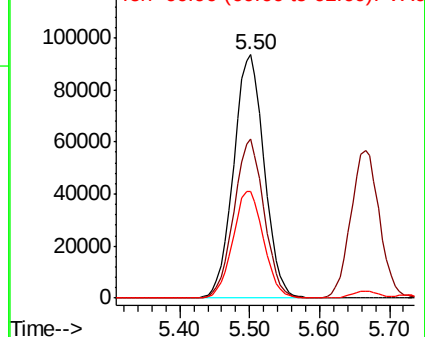
97 100

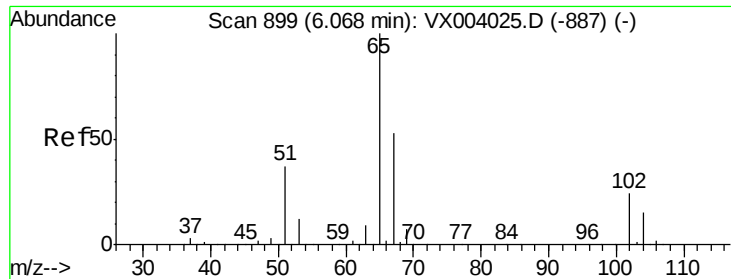
99 64.3 51.8 77.8

61 44.4 34.4 51.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

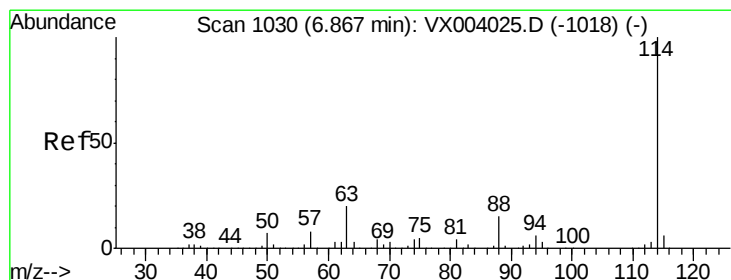
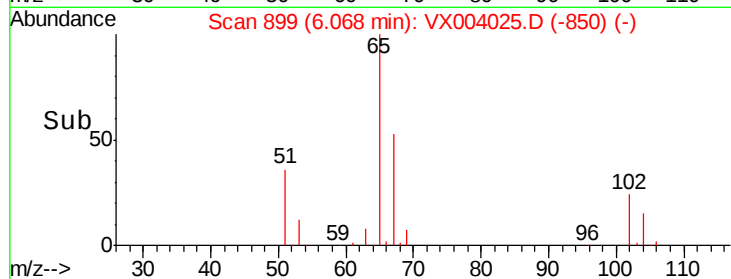
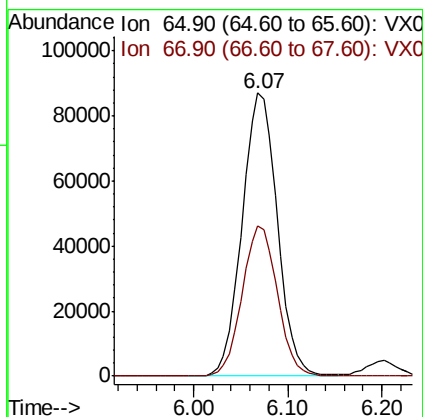
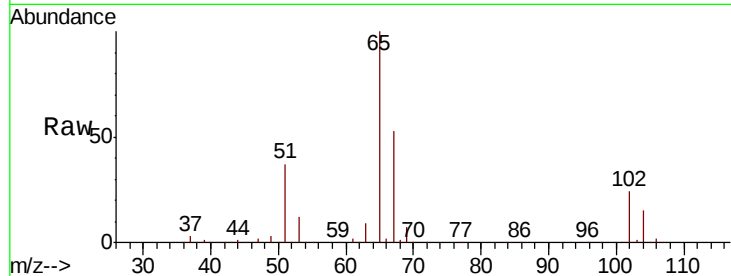




#33
 1,2-Dichloroethane-d4
 Concen: 50.313 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

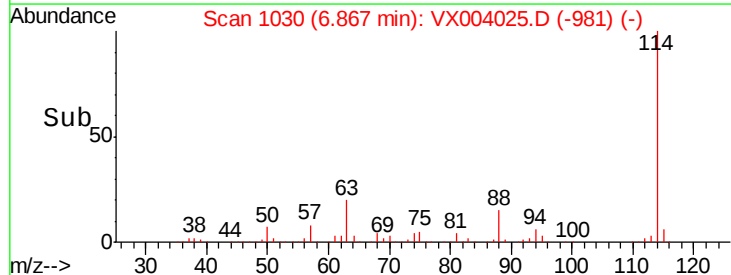
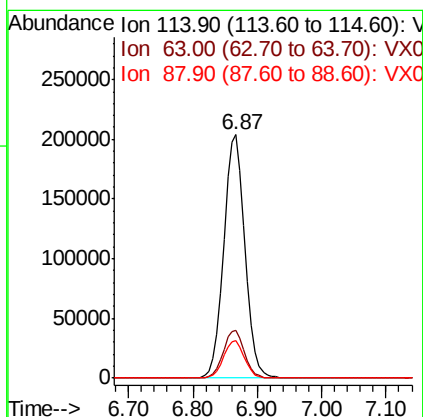
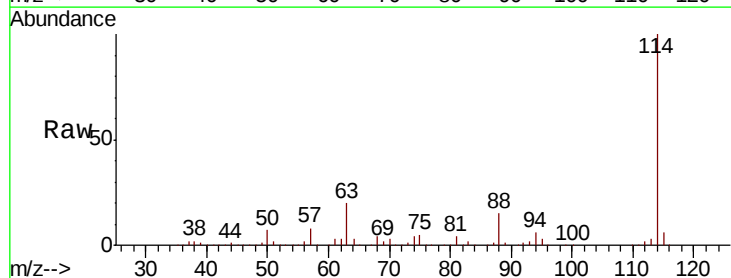
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

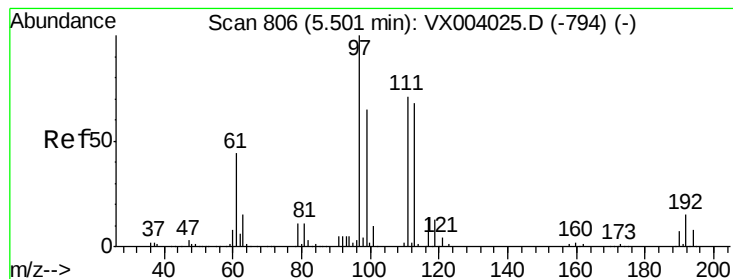
Tgt Ion: 65 Resp: 226275
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 114 Resp: 472260
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.930 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

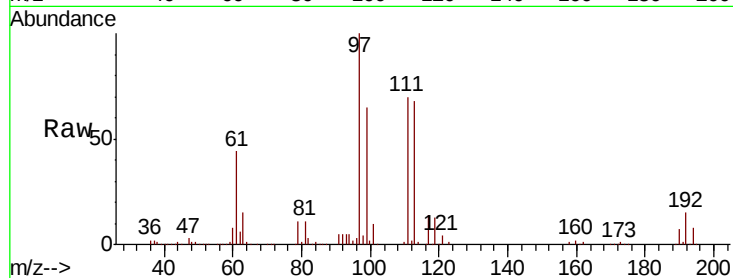
Tgt Ion:113 Resp: 180012

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

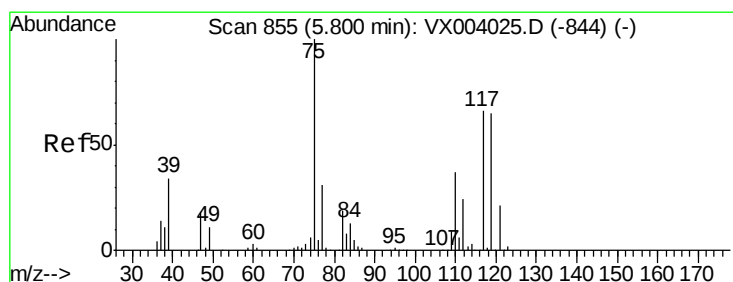
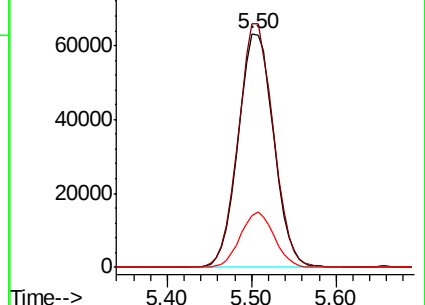
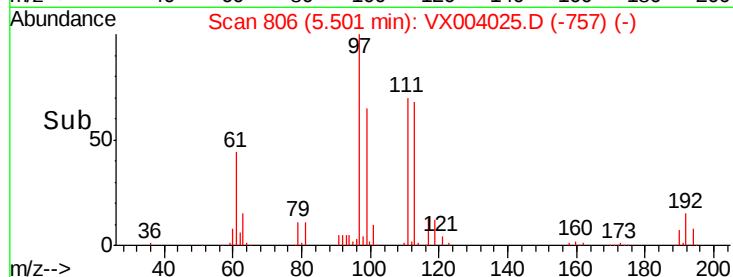
192 22.8 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.128 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

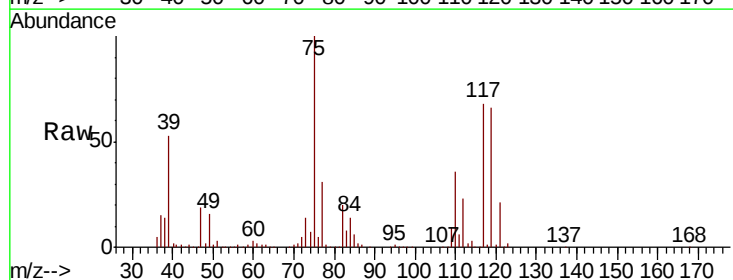
Tgt Ion: 75 Resp: 258635

Ion Ratio Lower Upper

75 100

110 36.2 18.2 54.6

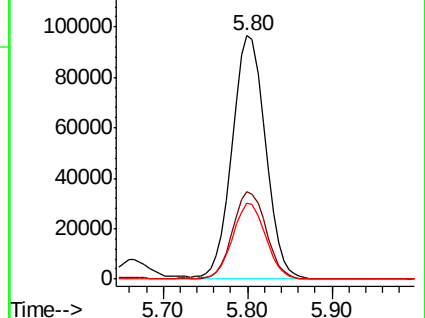
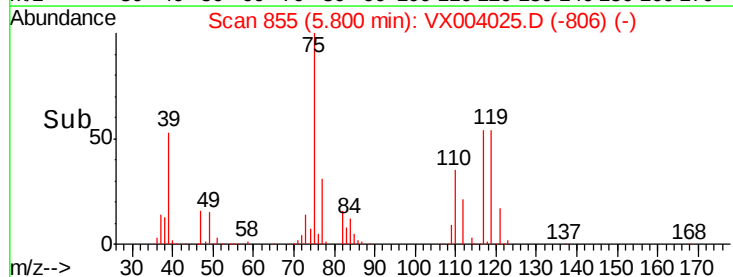
77 30.8 25.0 37.4

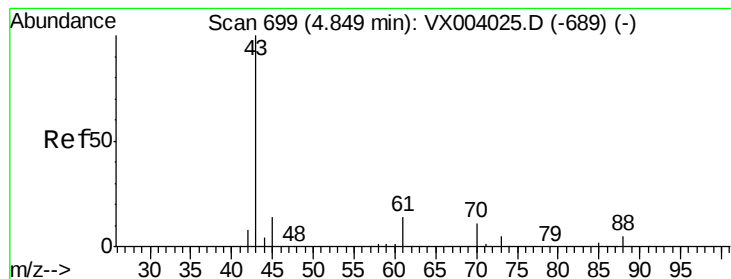


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 48.106 ug/l

RT: 4.85 min Scan# 699

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

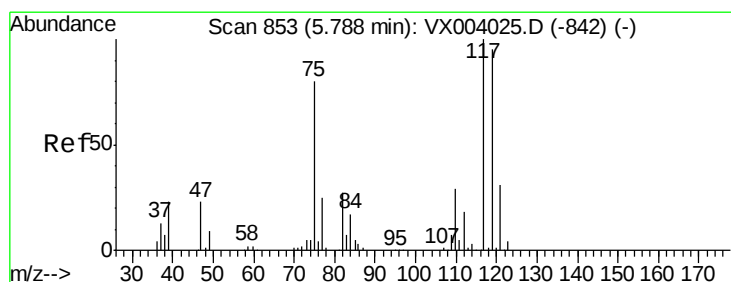
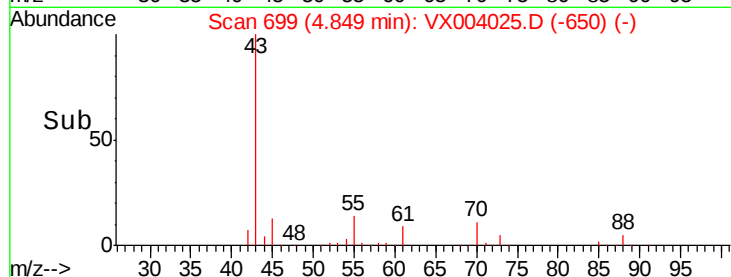
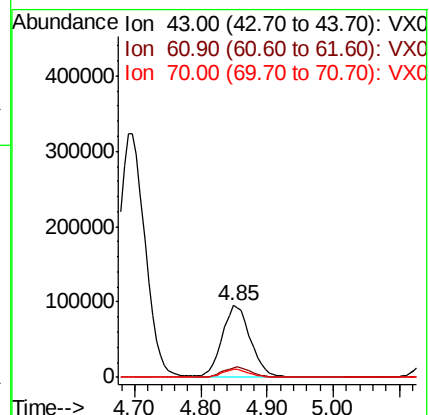
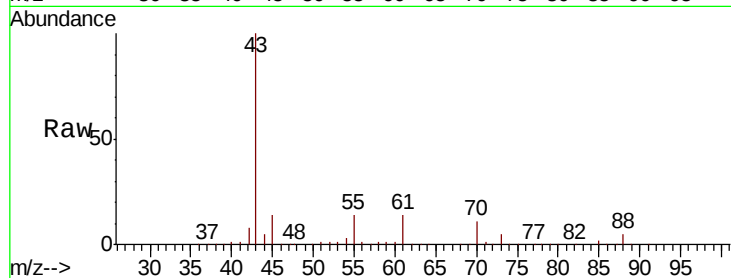
Tgt Ion: 43 Resp: 281526

Ion Ratio Lower Upper

43 100

61 14.2 11.5 17.3

70 11.0 9.0 13.4



#38

Carbon Tetrachloride

Concen: 48.677 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

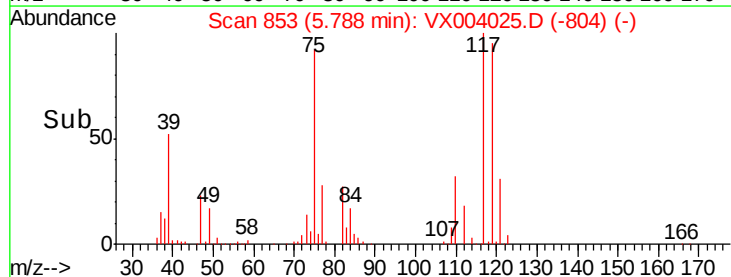
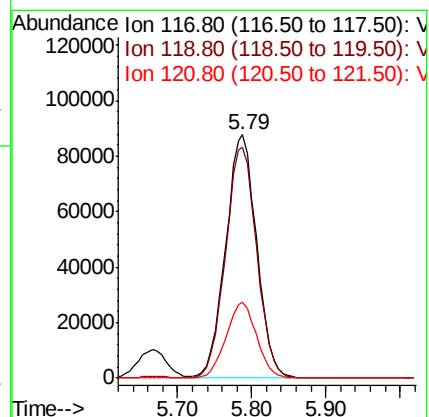
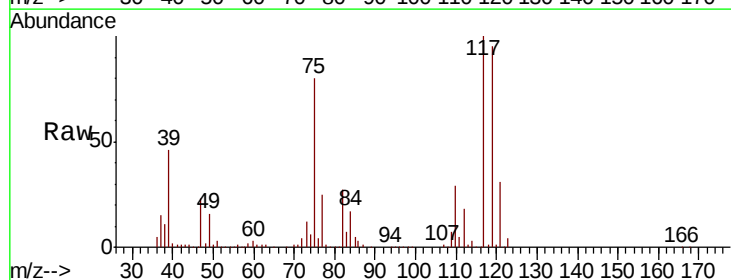
Tgt Ion: 117 Resp: 254152

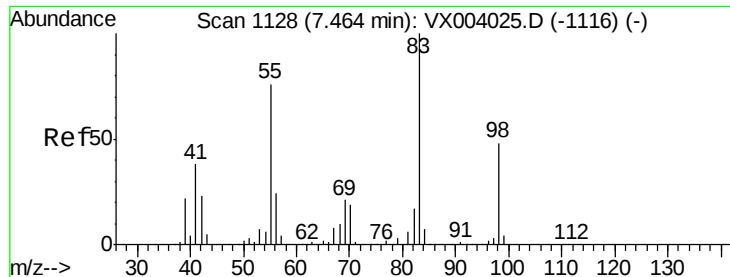
Ion Ratio Lower Upper

117 100

119 94.7 79.5 119.3

121 31.1 25.0 37.4

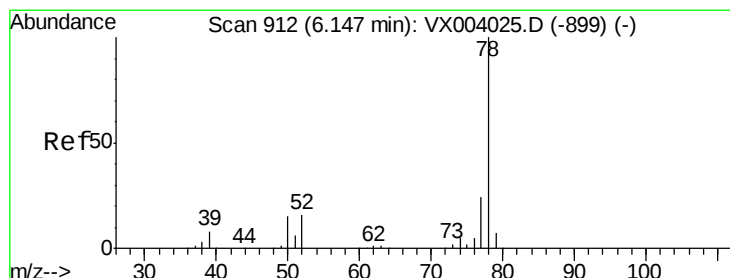
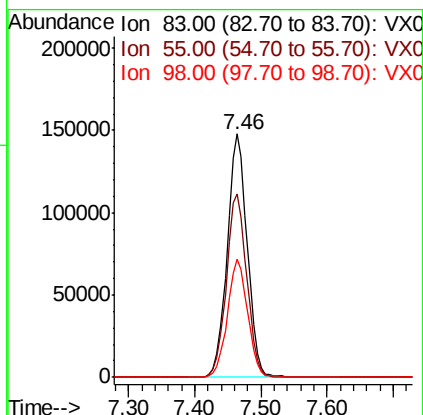
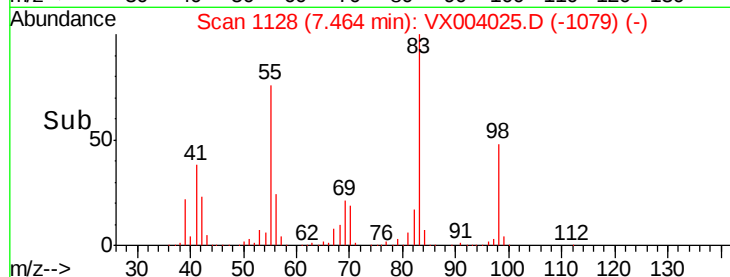
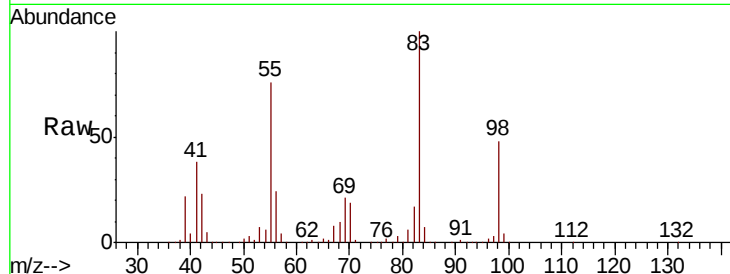




#39
Methylcyclohexane
Concen: 50.826 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

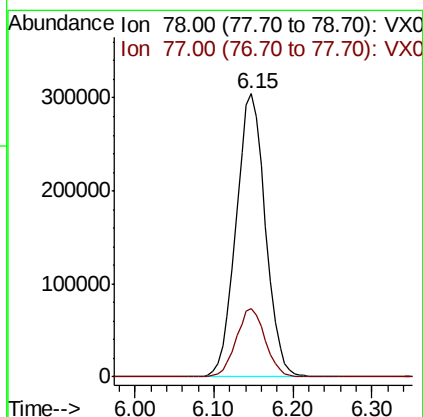
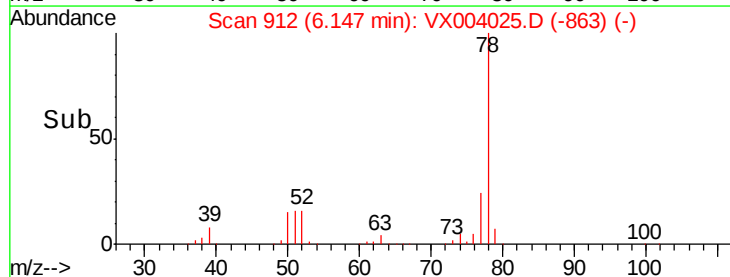
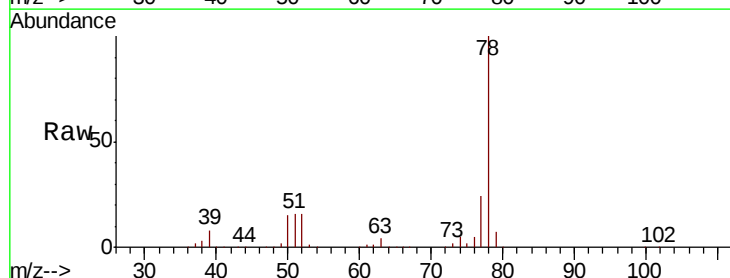
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

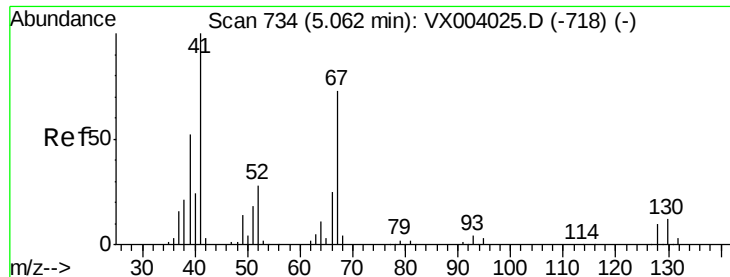
Tgt Ion: 83 Resp: 309868
Ion Ratio Lower Upper
83 100
55 75.6 61.0 91.6
98 48.4 38.6 57.8



#40
Benzene
Concen: 48.801 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 78 Resp: 787483
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 47.163 ug/l

RT: 5.06 min Scan# 734

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 154578

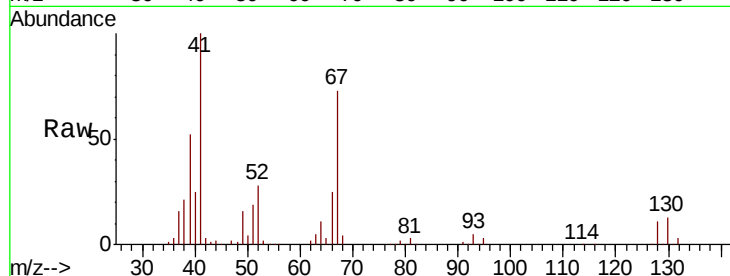
Ion Ratio Lower Upper

41 100

39 53.5 42.7 64.1

67 73.7 58.9 88.3

52 28.7 22.6 33.8

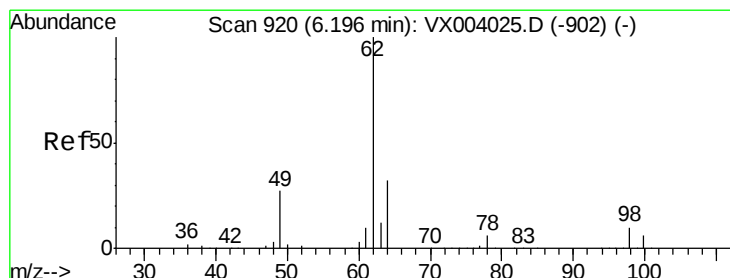
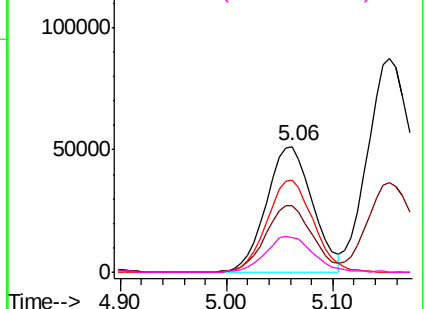
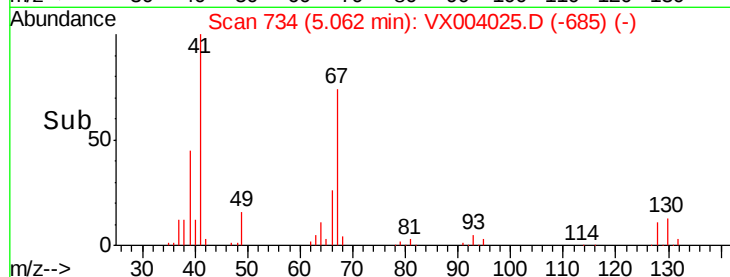


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.185 ug/l

RT: 6.20 min Scan# 920

Delta R.T. 0.00 min

Lab File: VX004025.D

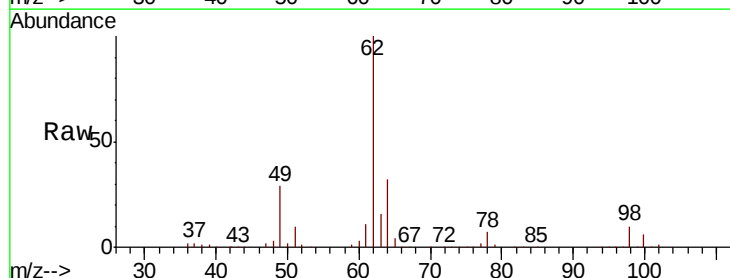
Acq: 14 Aug 2018 12:01

Tgt Ion: 62 Resp: 272175

Ion Ratio Lower Upper

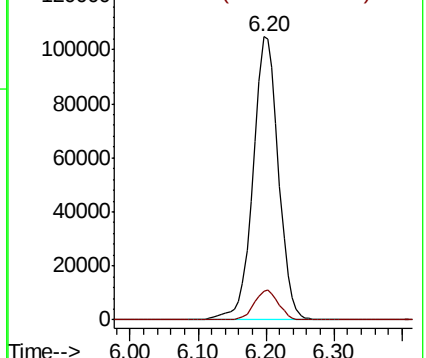
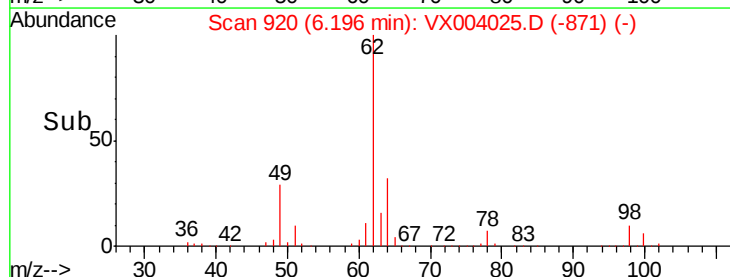
62 100

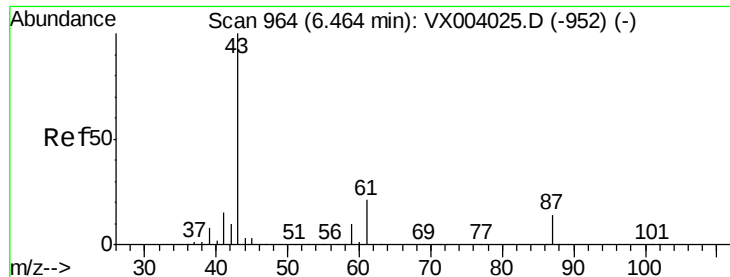
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 49.310 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

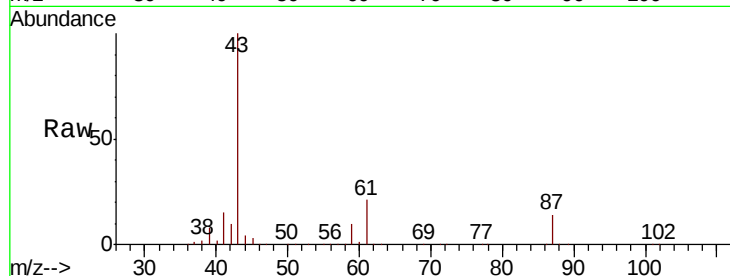
Tgt Ion: 43 Resp: 425346

Ion Ratio Lower Upper

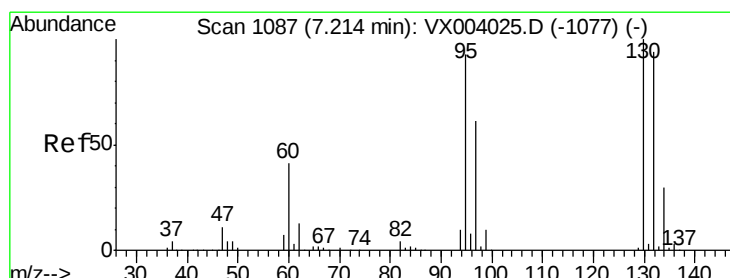
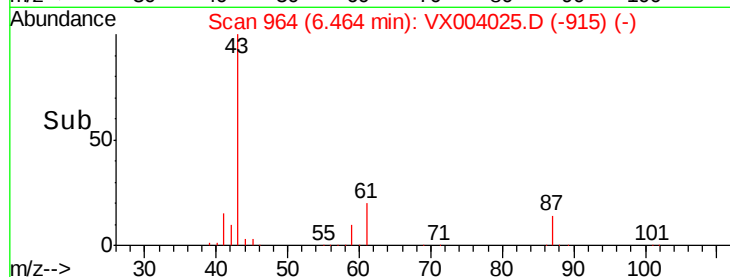
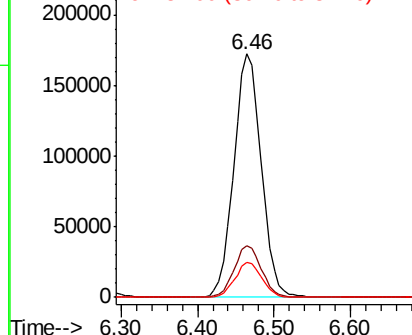
43 100

61 21.2 16.9 25.3

87 14.2 11.3 16.9



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



#44

Trichloroethene

Concen: 48.437 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004025.D

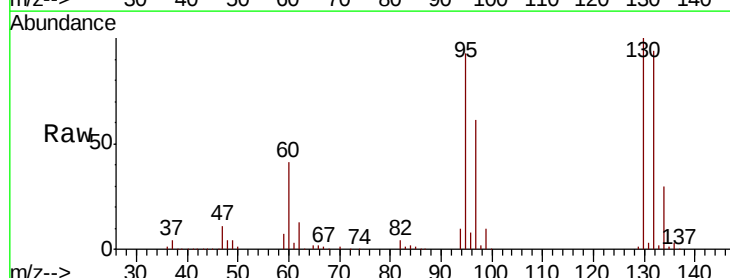
Acq: 14 Aug 2018 12:01

Tgt Ion: 130 Resp: 212189

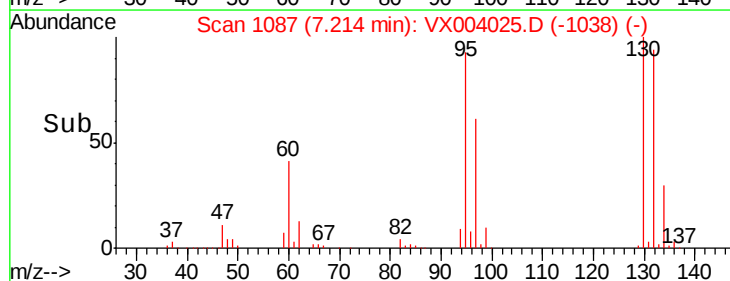
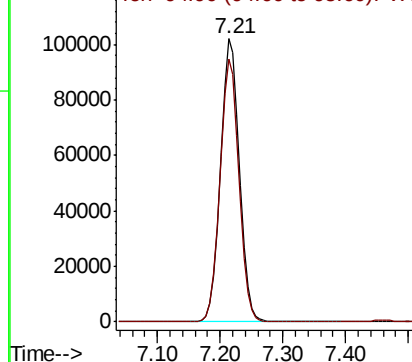
Ion Ratio Lower Upper

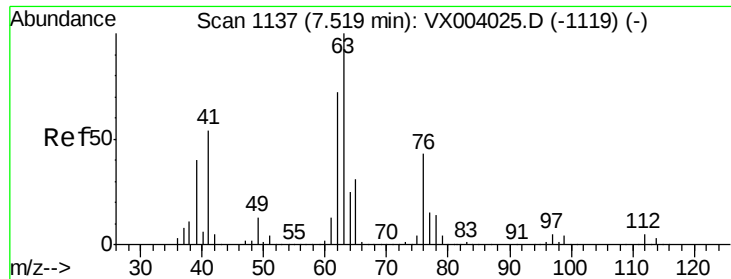
130 100

95 92.7 0.0 199.4



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

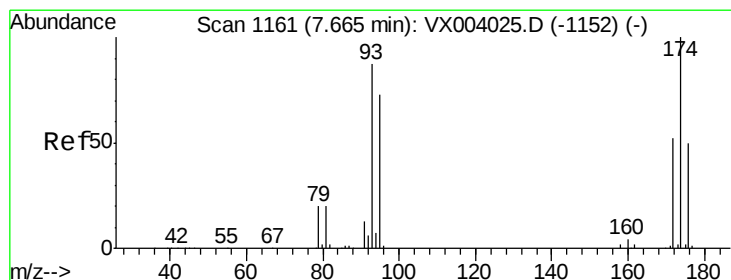
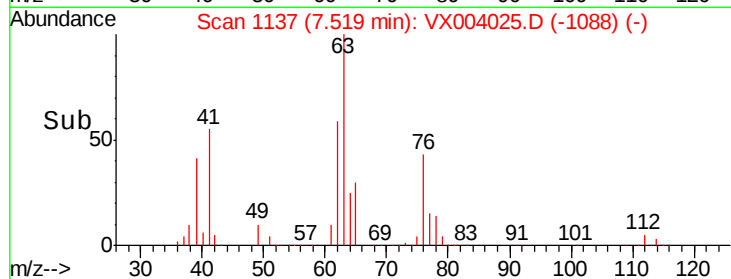
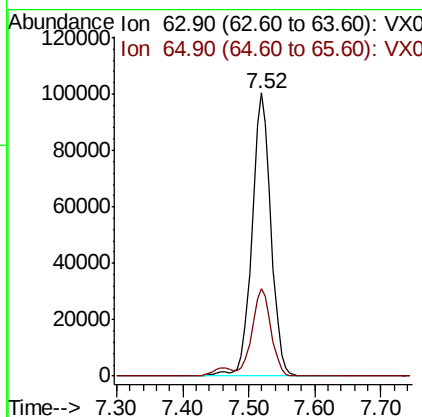
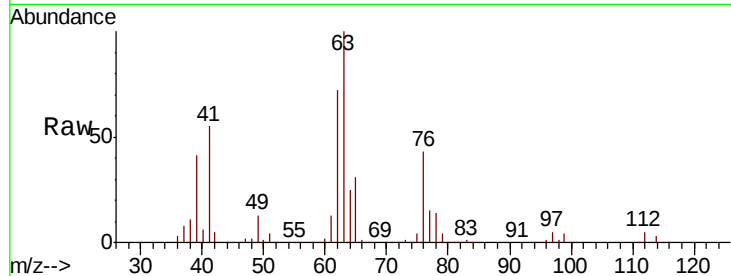




#45
 1,2-Dichloropropane
 Concen: 48.728 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

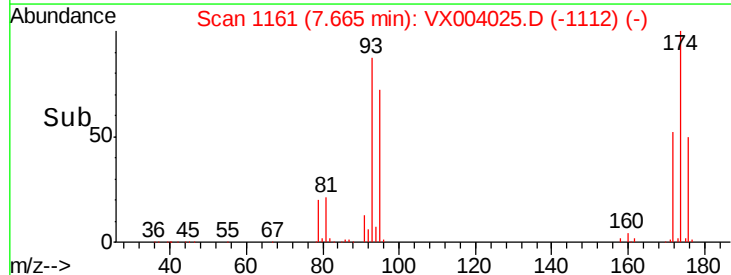
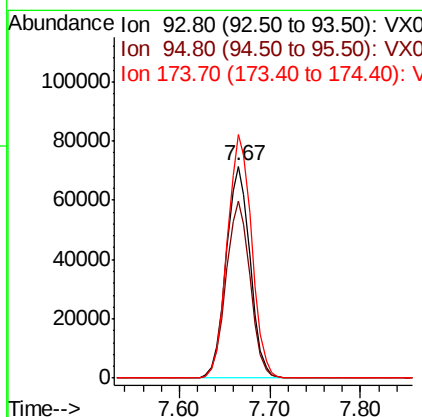
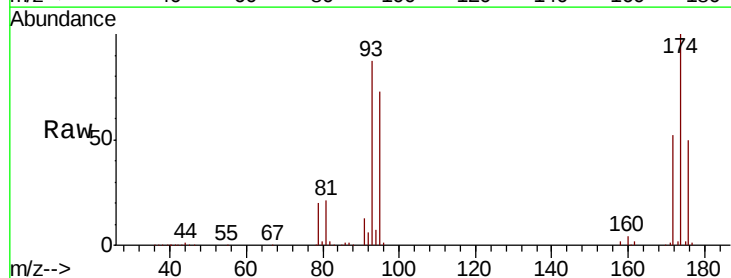
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

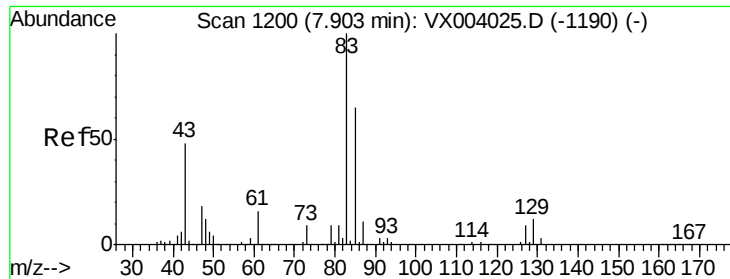
Tgt Ion: 63 Resp: 201294
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.6 36.8



#46
 Dibromomethane
 Concen: 48.639 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 93 Resp: 131307
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.4 99.6
 174 116.8 94.3 141.5





#47

Bromodichloromethane

Concen: 49.959 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

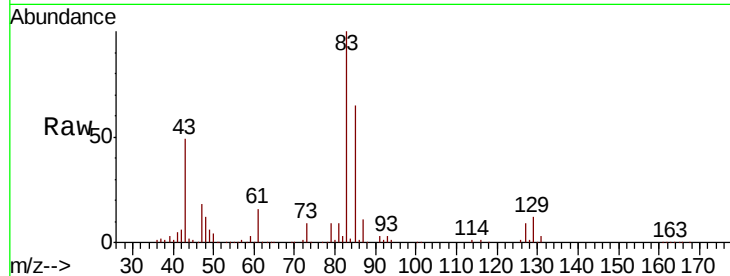
Tgt Ion: 83 Resp: 255434

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8

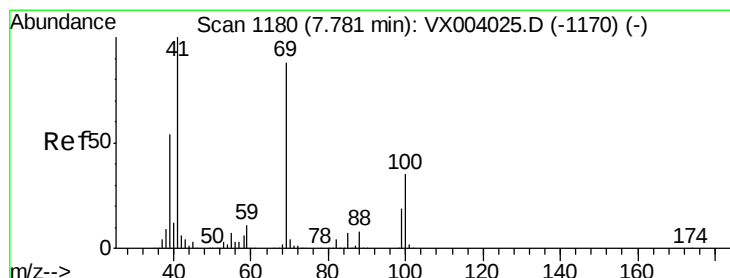
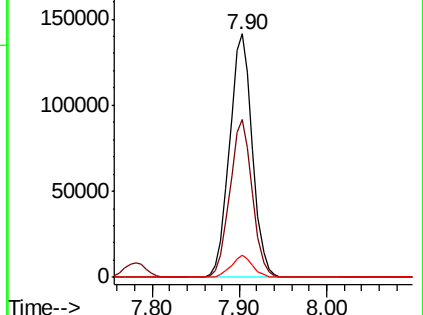
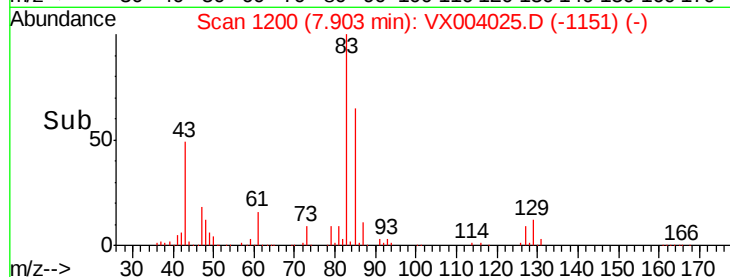
127 9.1 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.902 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

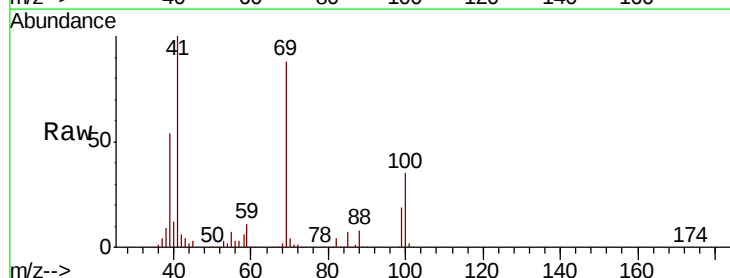
Tgt Ion: 41 Resp: 225373

Ion Ratio Lower Upper

41 100

69 87.1 68.8 103.2

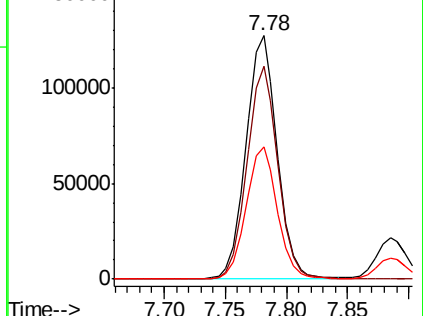
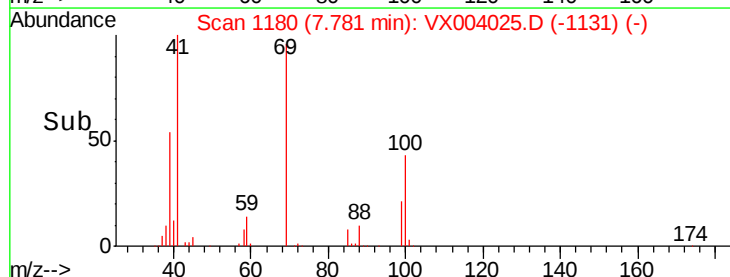
39 54.3 42.3 63.5

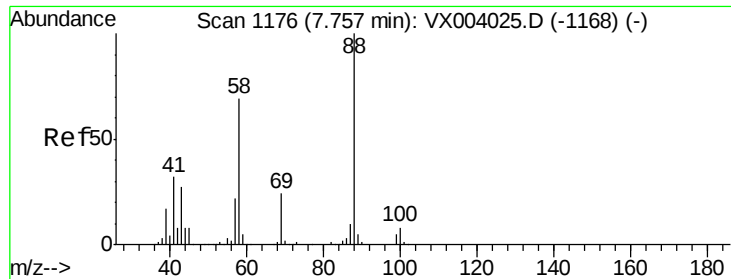


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

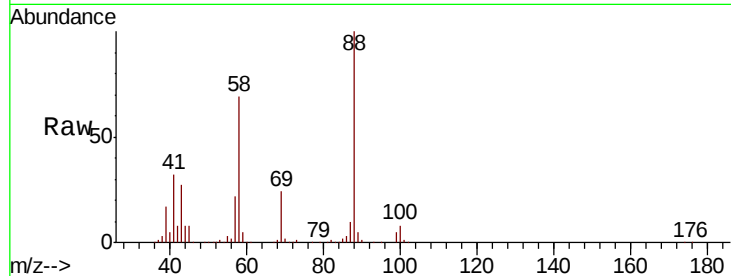




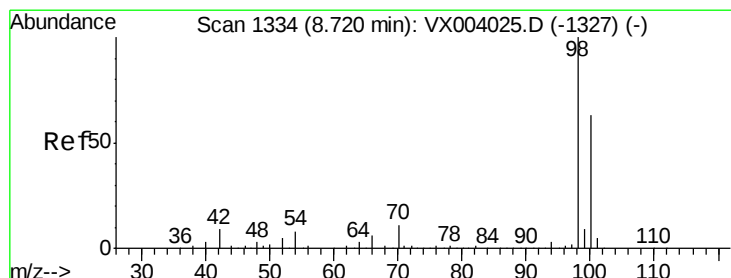
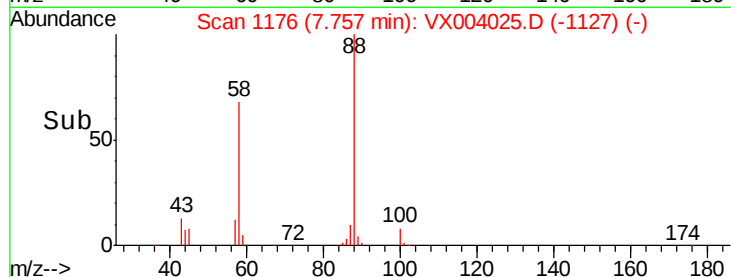
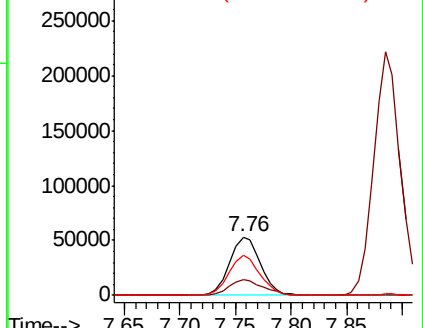
#49
1,4-Dioxane
Concen: 1041.875 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 101857
Ion Ratio Lower Upper
88 100
43 30.6 23.8 35.8
58 69.6 55.4 83.0

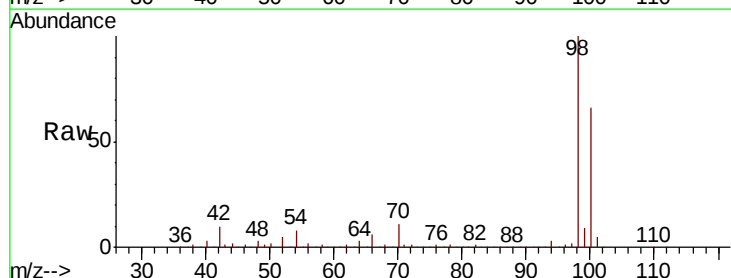


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

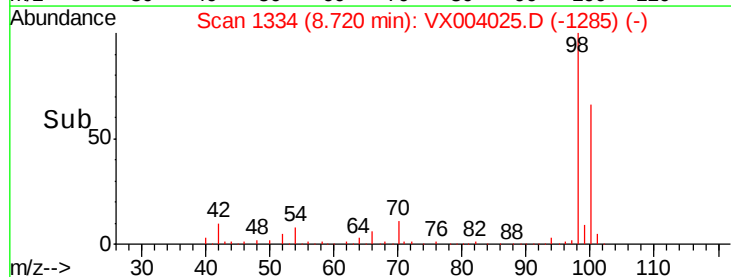
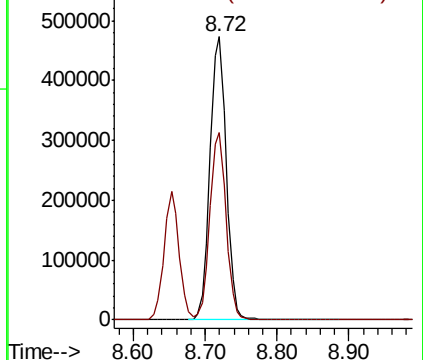


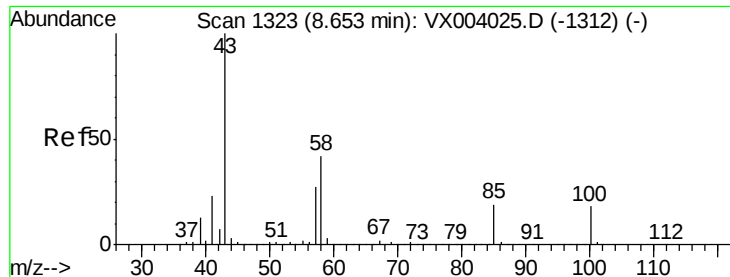
#50
Toluene-d8
Concen: 51.515 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 98 Resp: 738222
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9



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

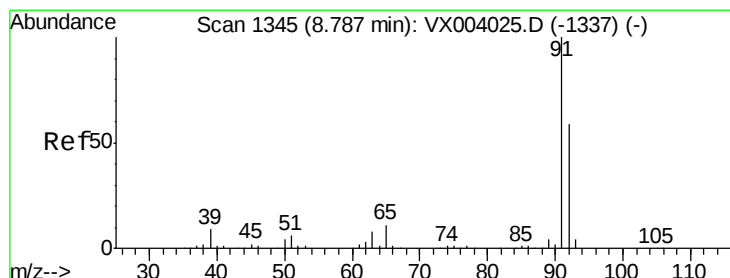
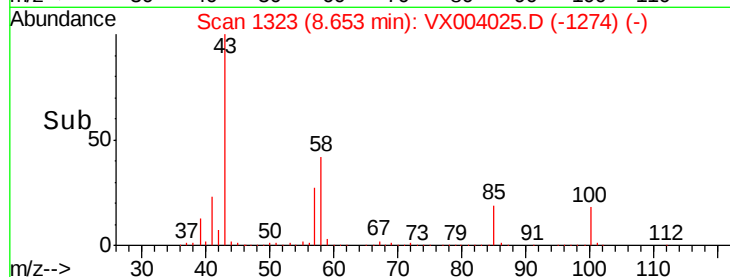
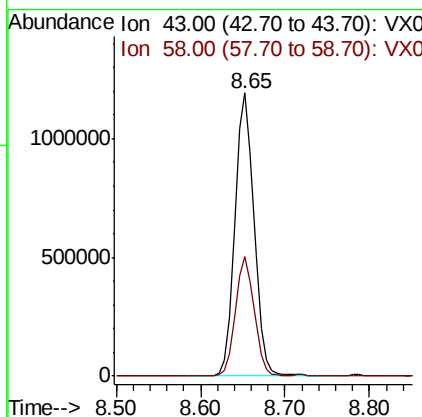
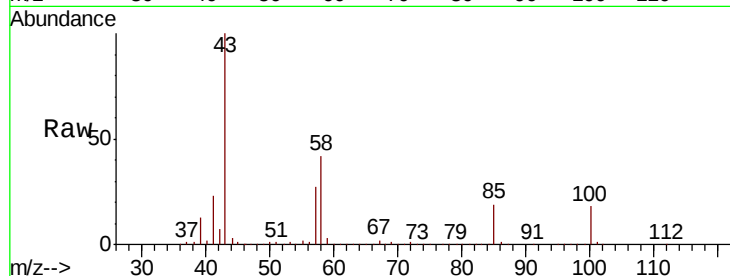




#51
 4-Methyl-2-Pentanone
 Concen: 257.998 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

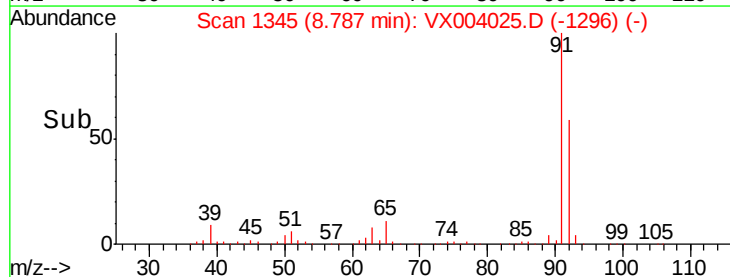
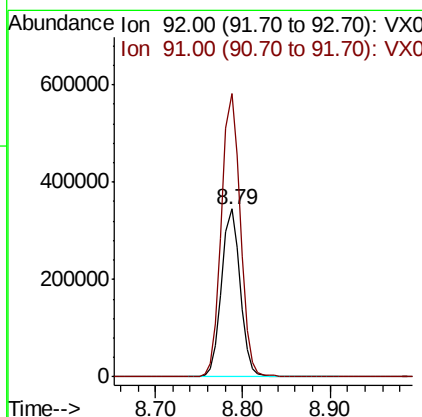
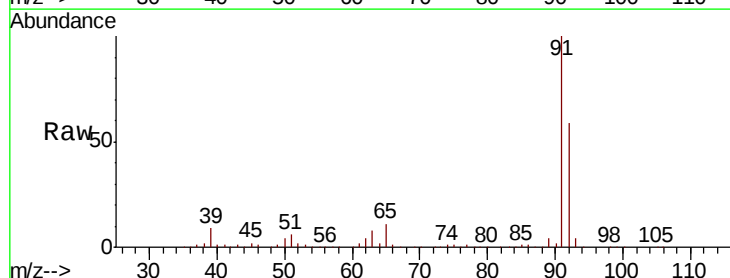
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

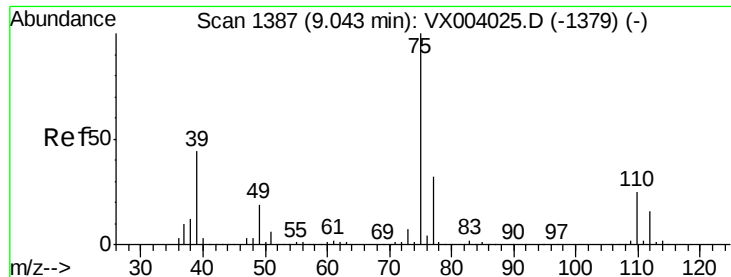
Tgt Ion: 43 Resp: 1824797
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.6



#52
 Toluene
 Concen: 49.806 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 92 Resp: 508288
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.1 204.1

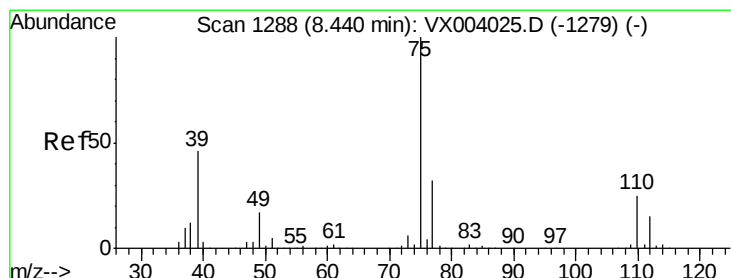
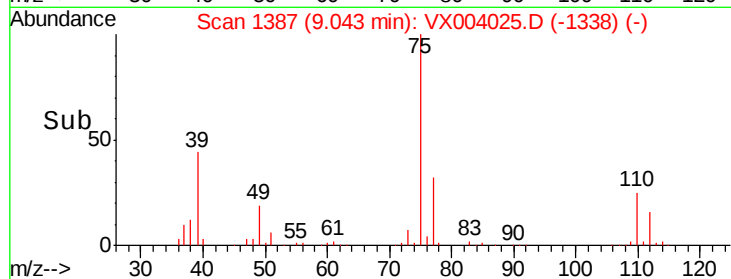
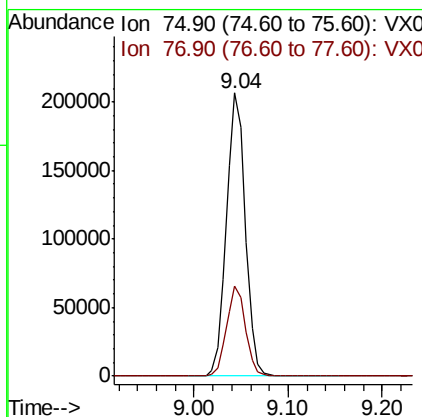
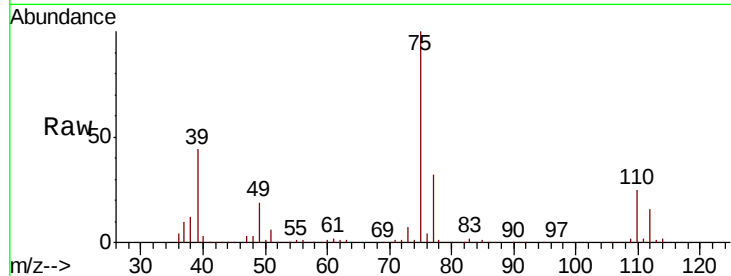




#53
 t-1,3-Dichloropropene
 Concen: 52.045 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

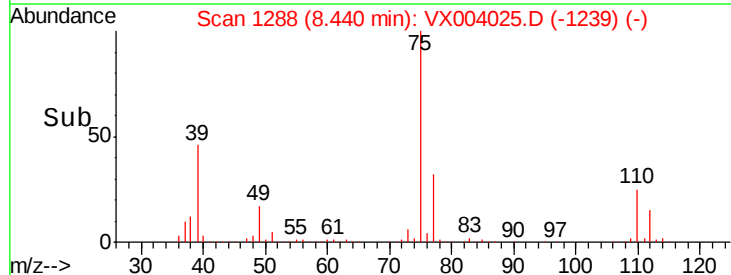
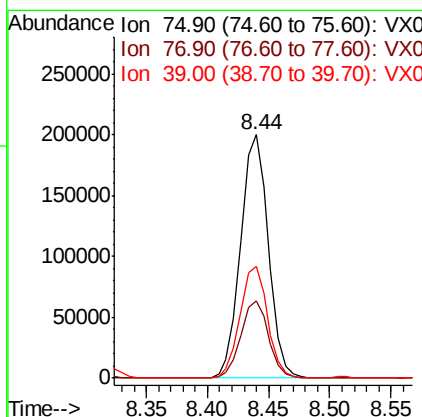
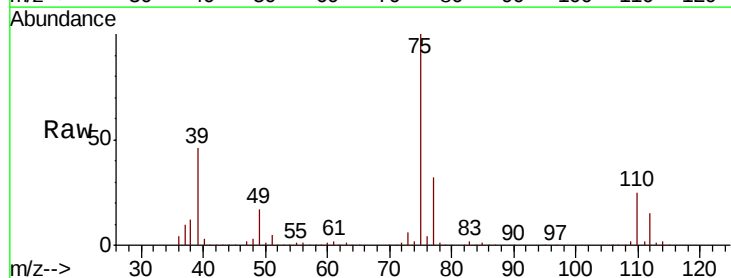
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

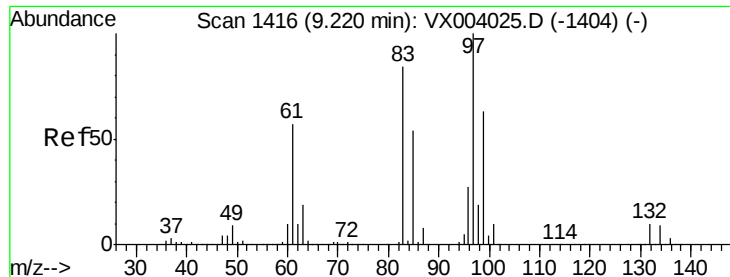
Tgt Ion: 75 Resp: 287467
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 51.402 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 75 Resp: 314422
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.3 37.9
 39 45.7 36.2 54.2

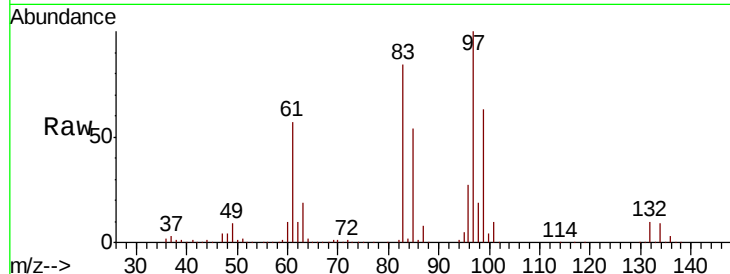




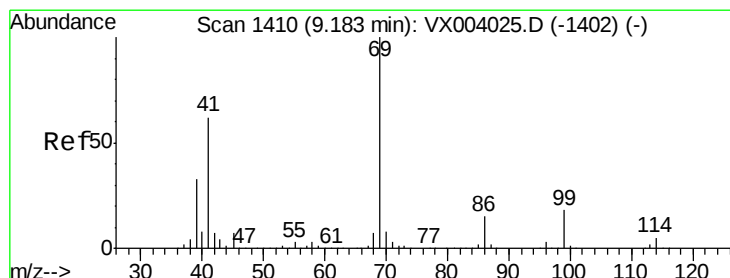
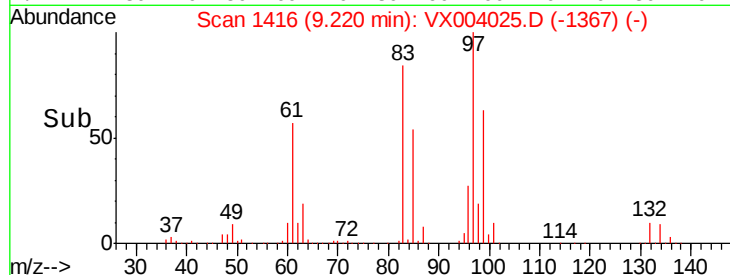
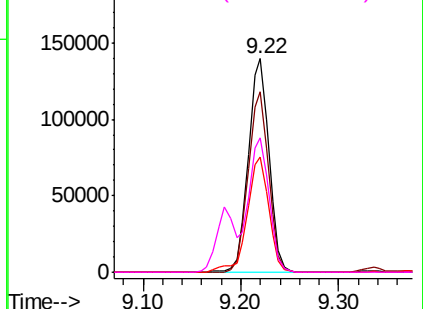
#55
 1,1,2-Trichloroethane
 Concen: 48.472 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:	97	Resp:	204283
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.8	101.6
85	54.0	44.2	66.2
99	62.9	50.8	76.2

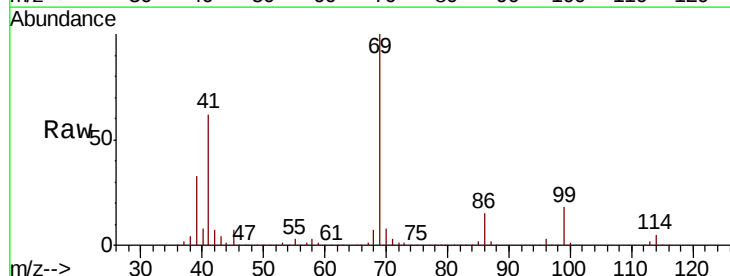


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

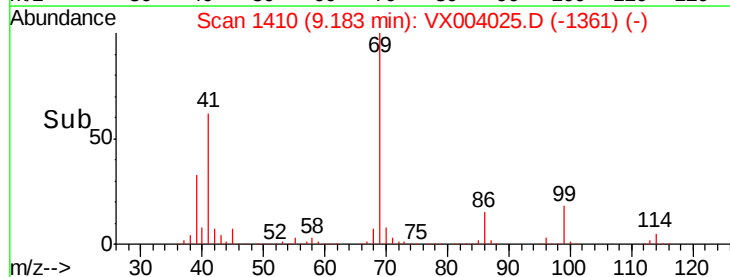
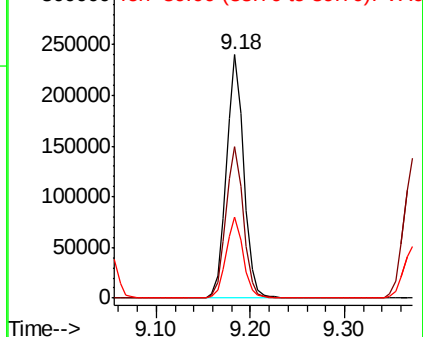


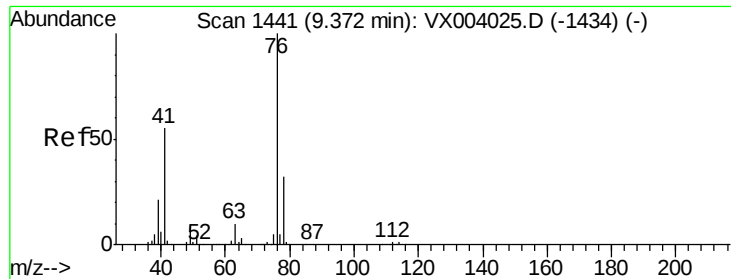
#56
 Ethyl methacrylate
 Concen: 53.515 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion:	69	Resp:	306692
Ion	Ratio	Lower	Upper
69	100		
41	63.4	50.6	76.0
39	33.1	25.8	38.6



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





#57

1,3-Dichloropropane

Concen: 49.500 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

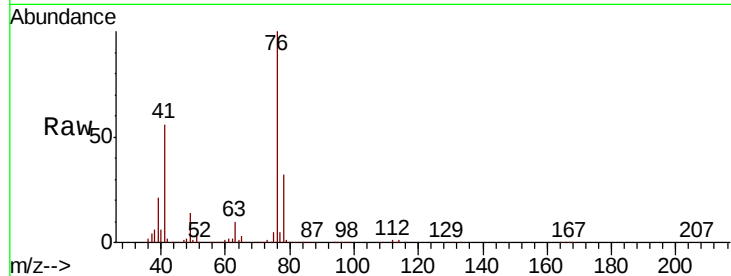
VSTDICCC050

Tgt Ion: 76 Resp: 346120

Ion Ratio Lower Upper

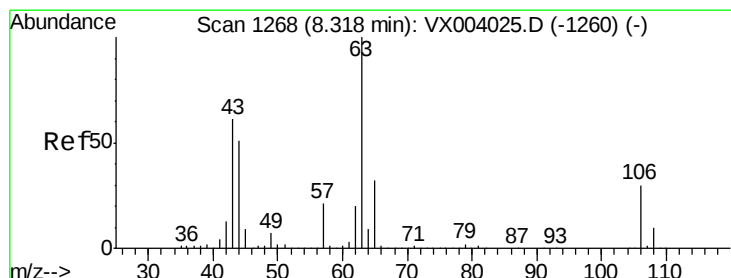
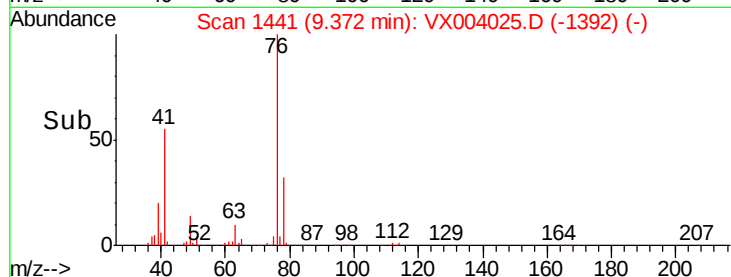
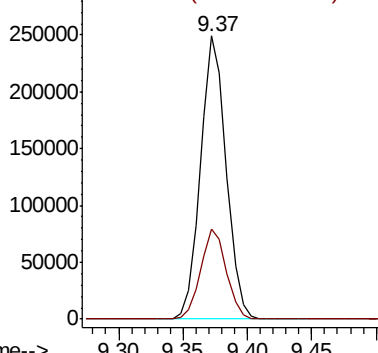
76 100

78 32.1 25.9 38.9



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: 272.997 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004025.D

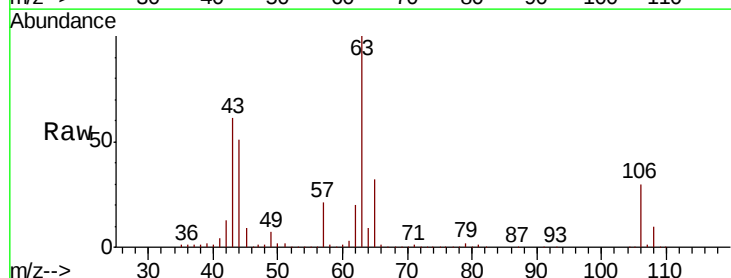
Acq: 14 Aug 2018 12:01

Tgt Ion: 63 Resp: 796666

Ion Ratio Lower Upper

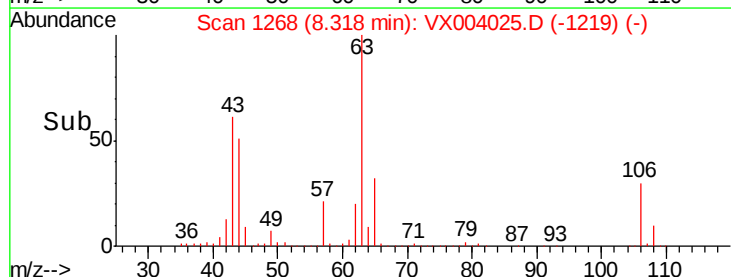
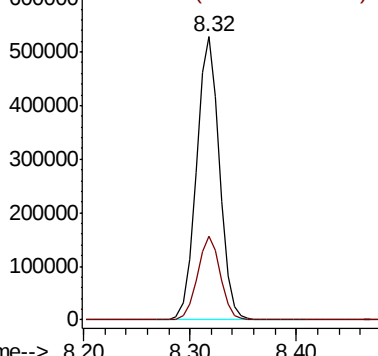
63 100

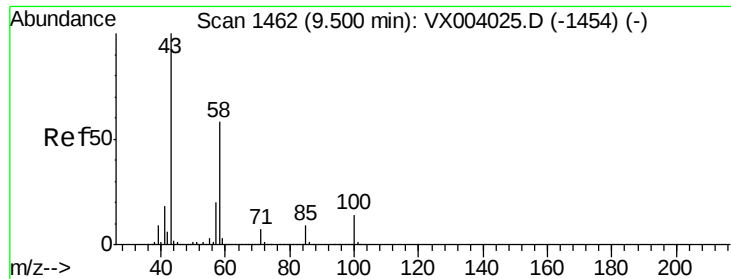
106 29.4 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

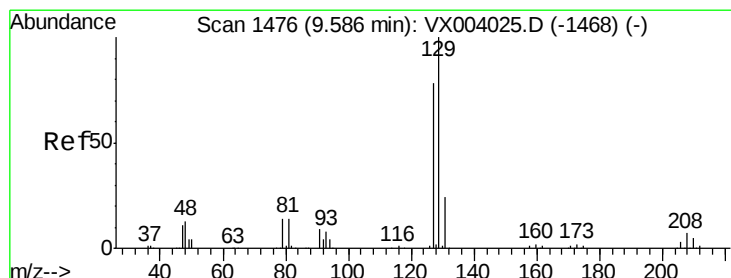
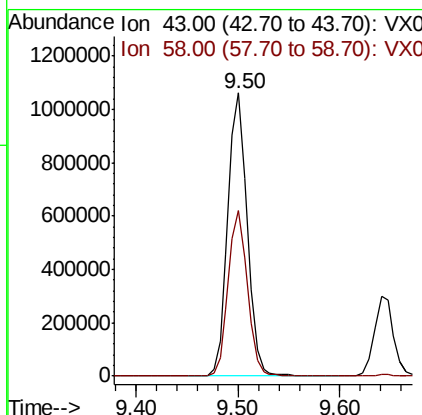
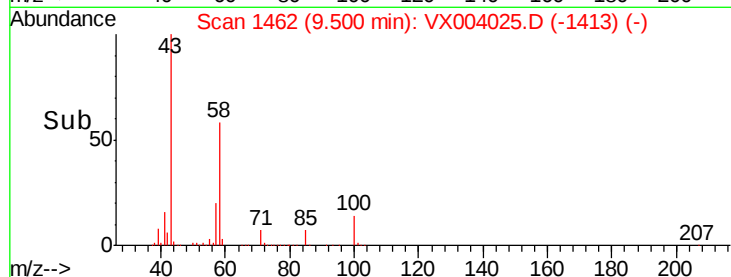
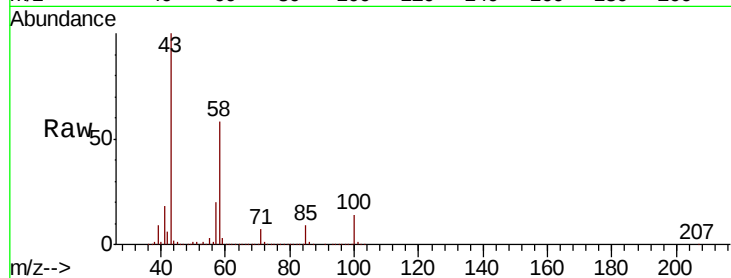




#59
2-Hexanone
Concen: 262.141 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

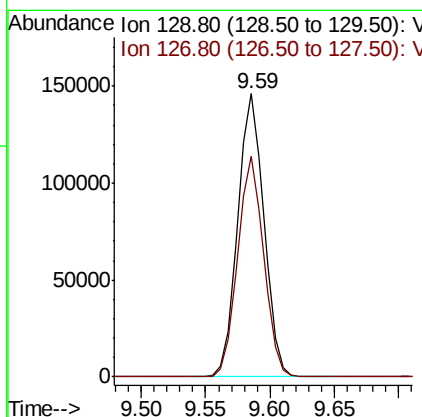
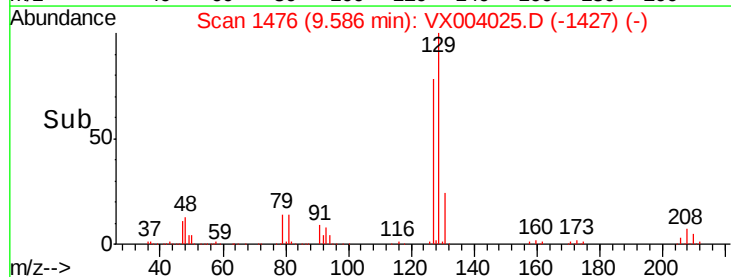
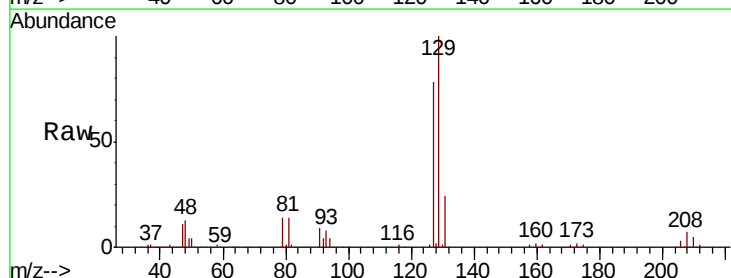
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

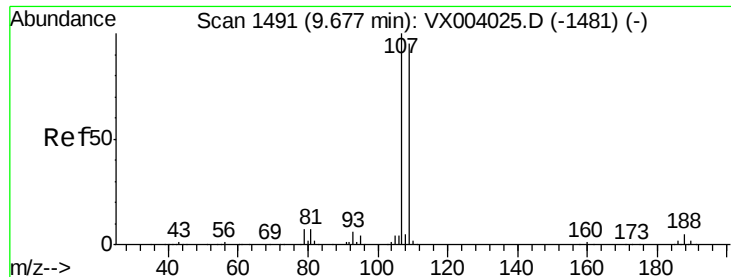
Tgt Ion: 43 Resp: 1395411
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.0



#60
Dibromochloromethane
Concen: 50.795 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 129 Resp: 206006
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.667 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

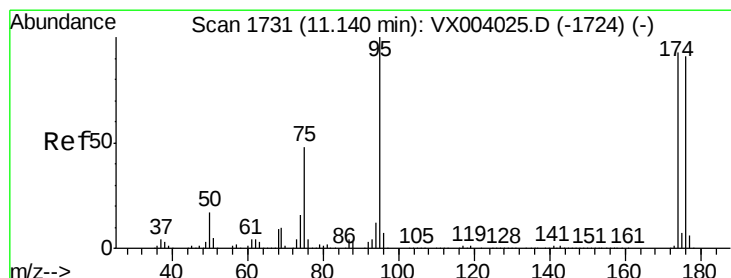
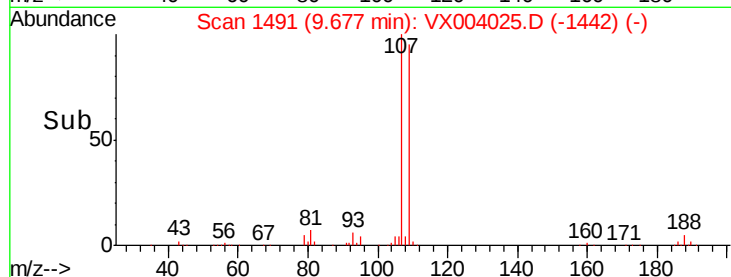
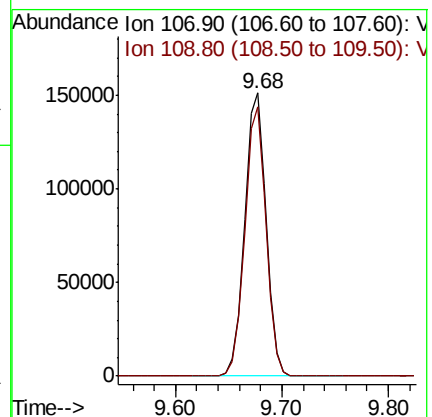
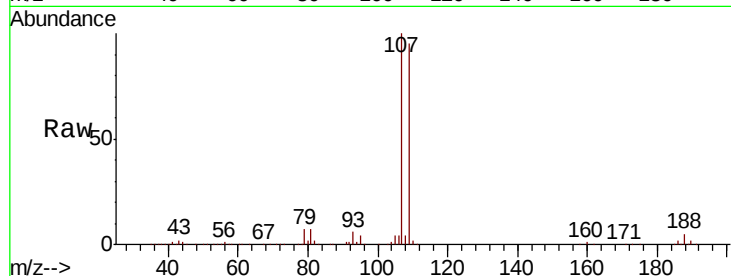
VSTDICCC050

Tgt Ion: 107 Resp: 213384

Ion Ratio Lower Upper

107 100

109 94.3 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 51.636 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

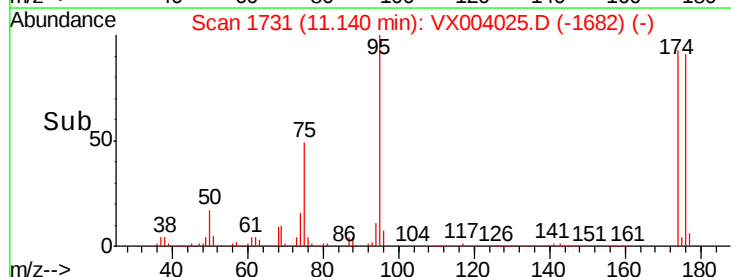
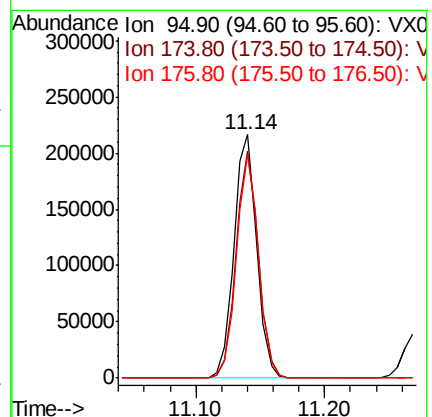
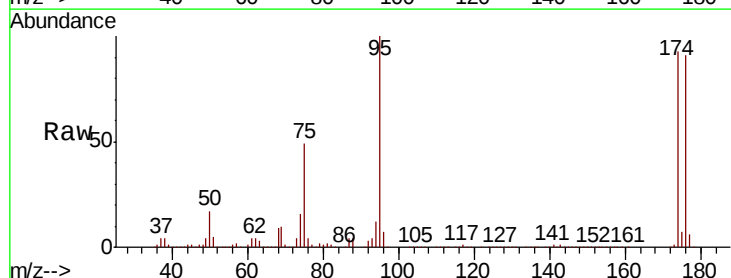
Tgt Ion: 95 Resp: 268380

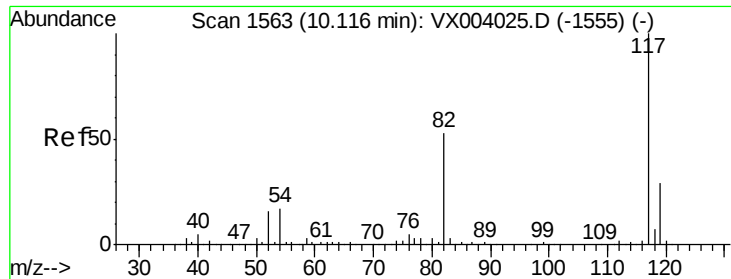
Ion Ratio Lower Upper

95 100

174 91.4 0.0 182.8

176 89.1 0.0 179.0

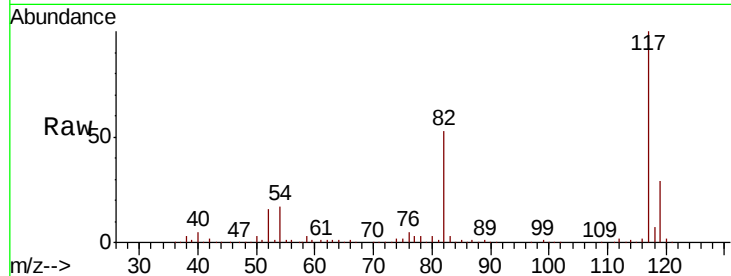




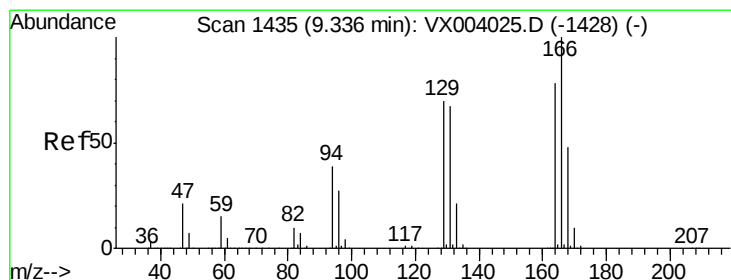
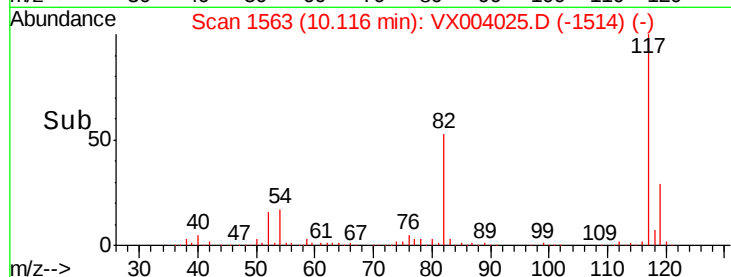
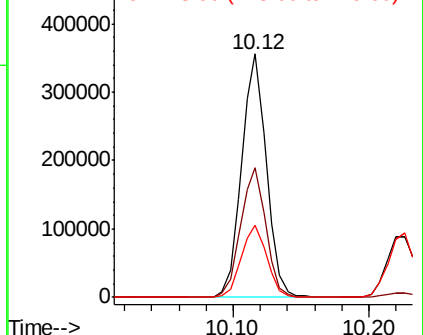
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:117 Resp: 451690
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 29.5 26.6 40.0

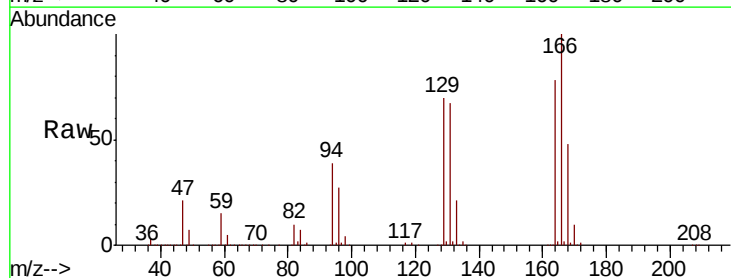


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

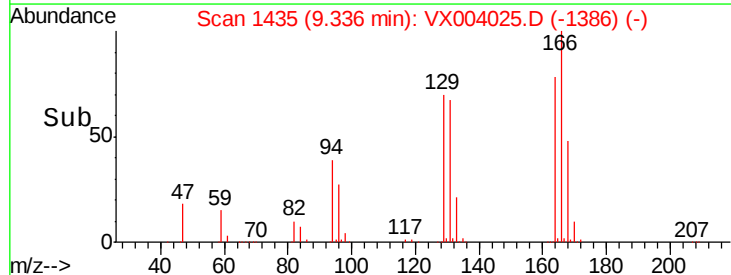
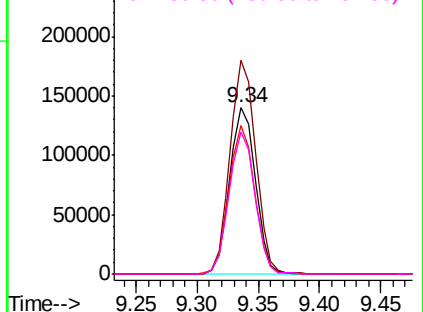


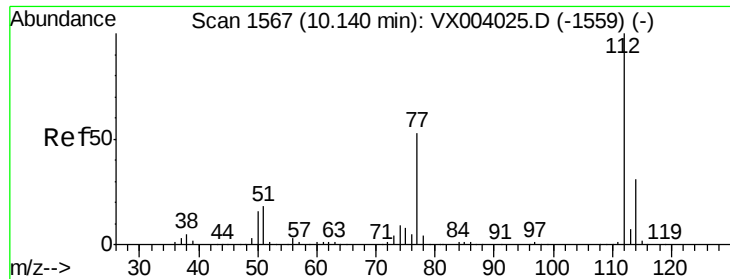
#64
Tetrachloroethene
Concen: 47.757 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion:164 Resp: 204451
Ion Ratio Lower Upper
164 100
166 128.6 98.0 147.0
129 89.7 64.3 96.5
131 85.9 66.8 100.2



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

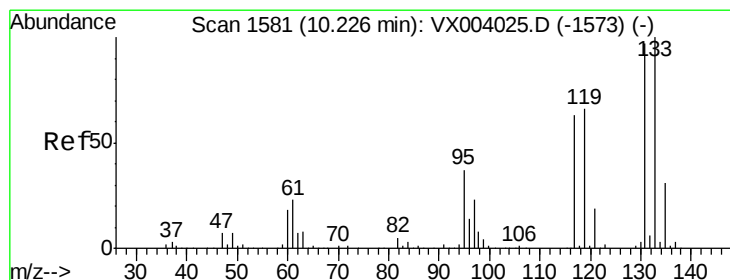
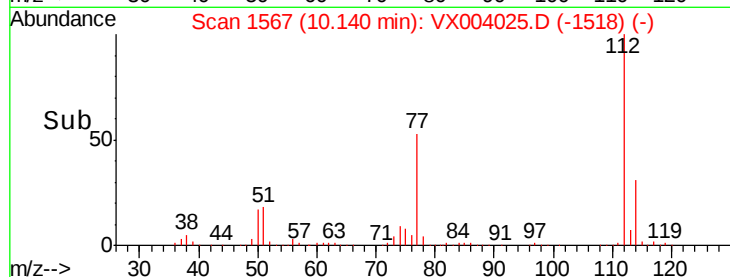
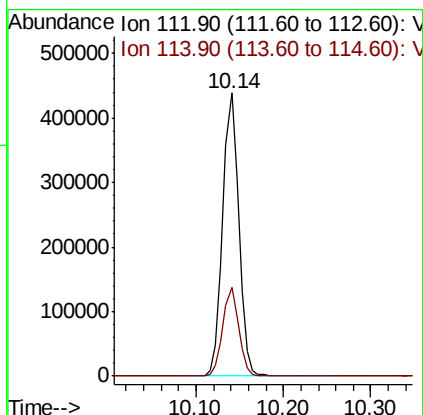
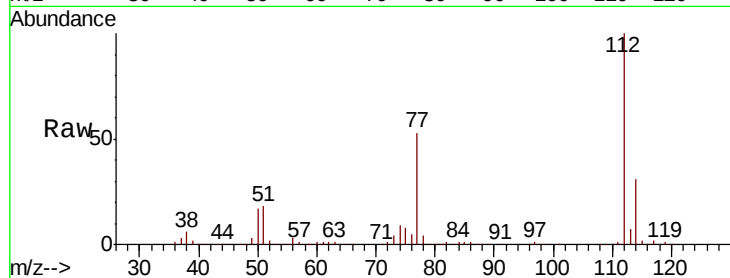




#65
Chlorobenzene
Concen: 47.690 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

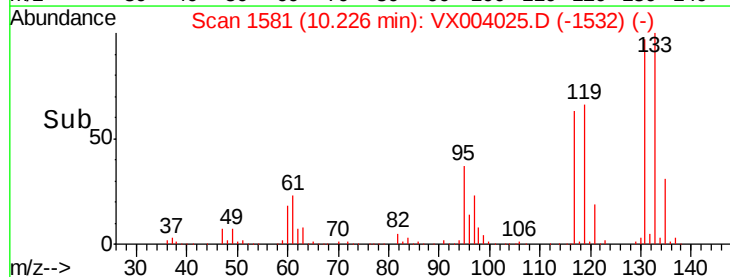
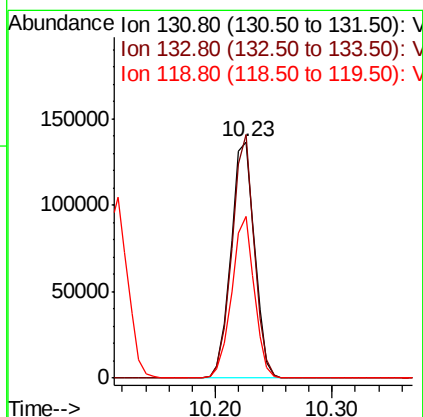
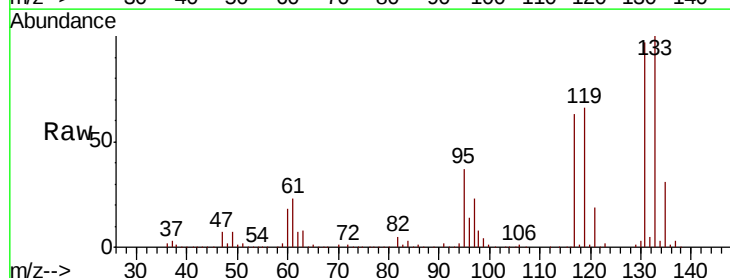
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

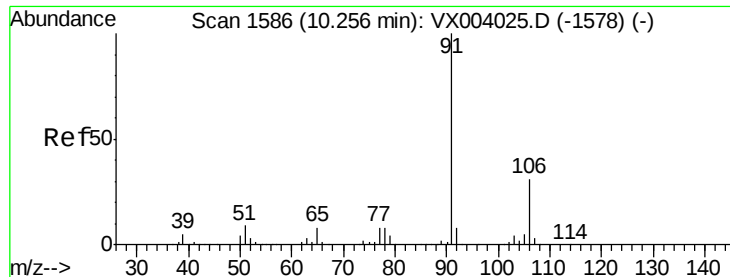
Tgt Ion:112 Resp: 556438
Ion Ratio Lower Upper
112 100
114 31.3 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.643 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion:131 Resp: 193574
Ion Ratio Lower Upper
131 100
133 97.3 47.3 141.8
119 65.3 31.6 94.8

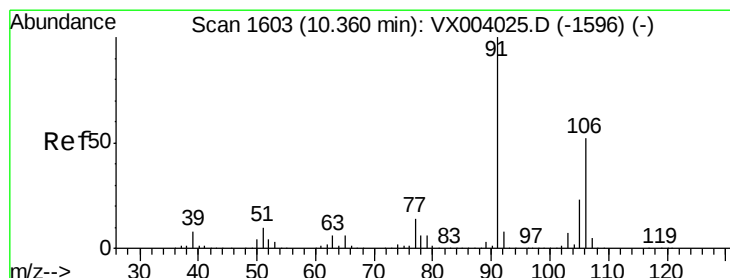
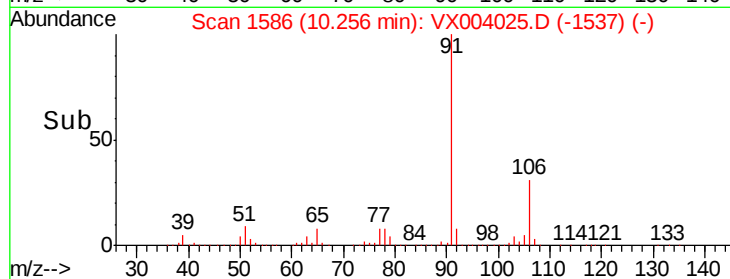
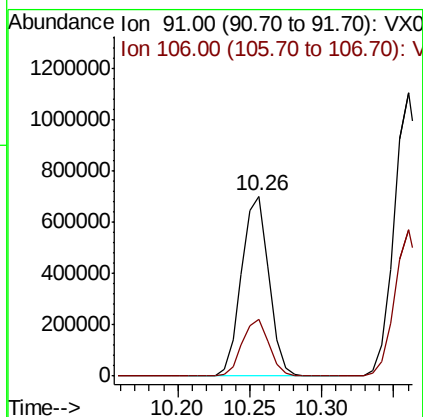
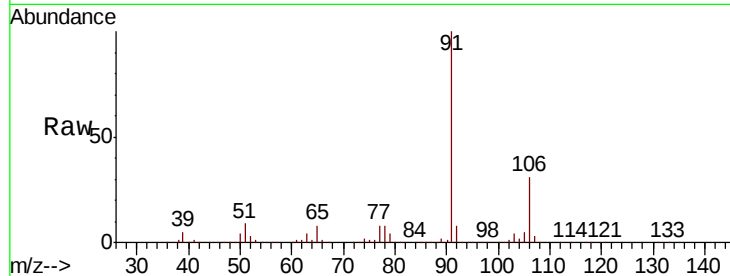




#67
Ethyl Benzene
Concen: 50.264 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

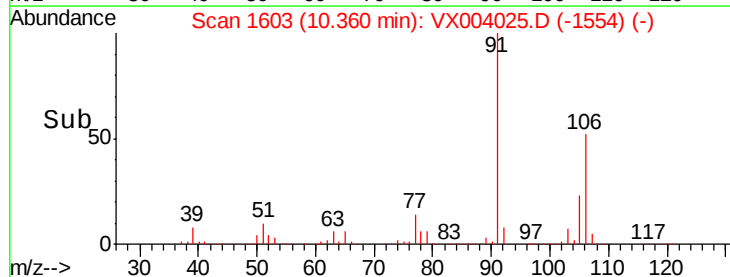
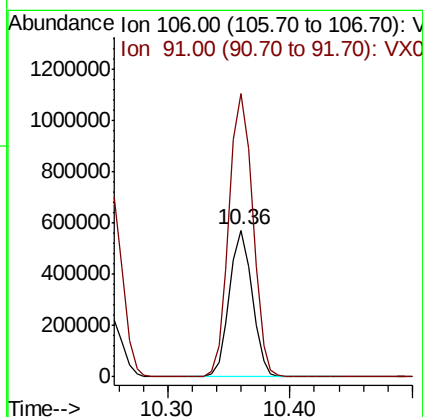
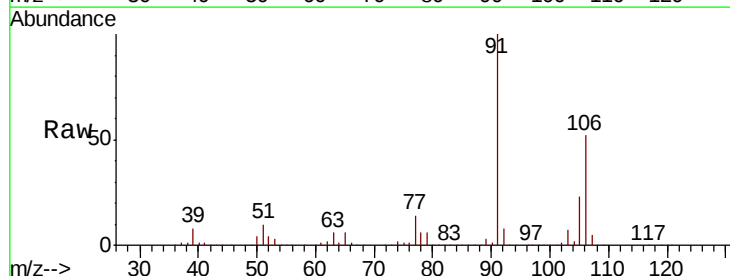
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

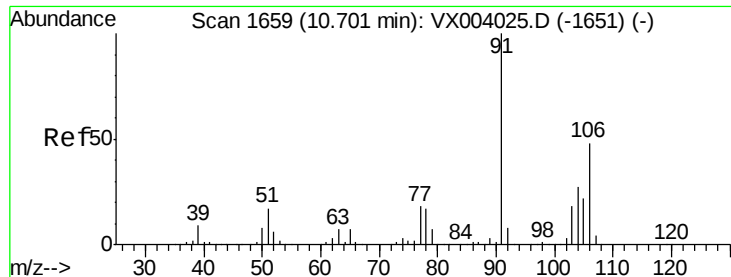
Tgt Ion: 91 Resp: 928685
Ion Ratio Lower Upper
91 100
106 31.2 25.9 38.9



#68
m/p-Xylenes
Concen: 102.381 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion: 106 Resp: 740734
Ion Ratio Lower Upper
106 100
91 201.4 162.3 243.5

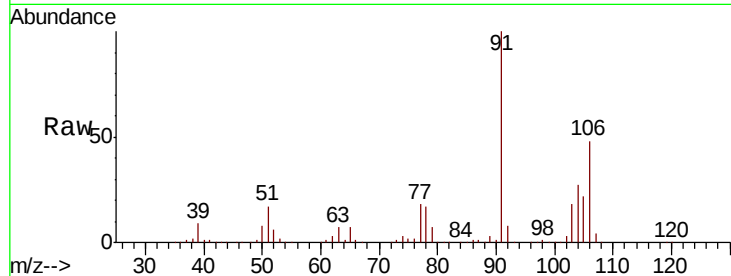




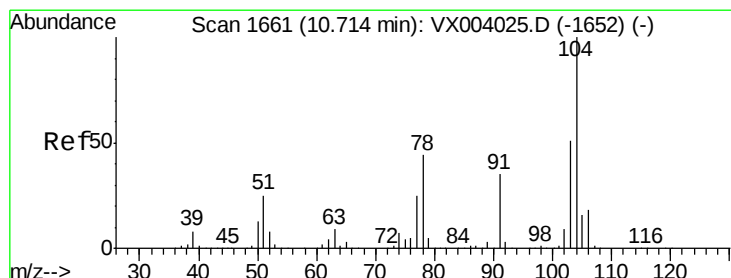
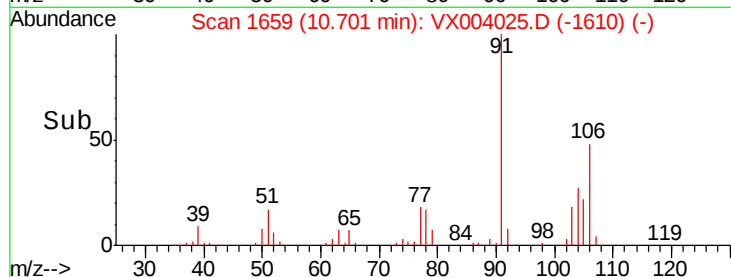
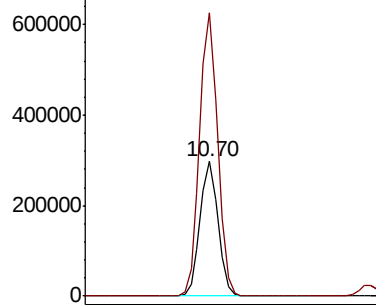
#69
o-Xylene
Concen: 52.689 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 364310
Ion Ratio Lower Upper
106 100
91 210.9 101.9 305.7

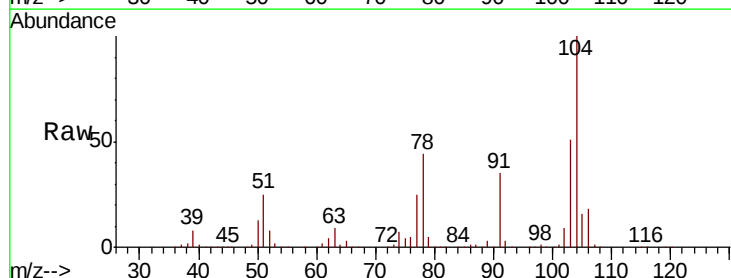


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

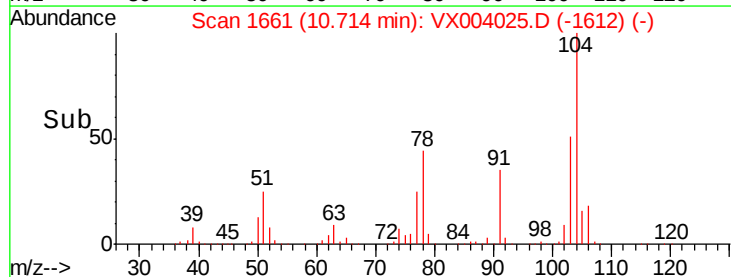
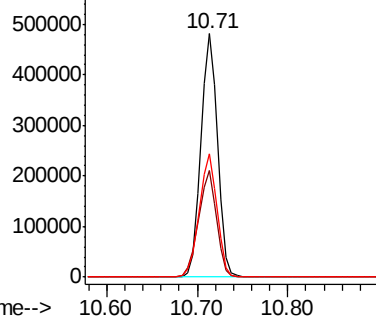


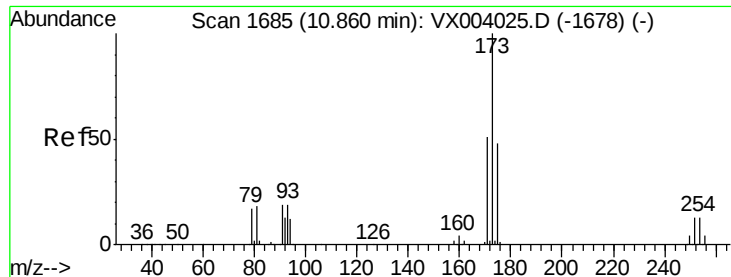
#70
Styrene
Concen: 52.723 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion:104 Resp: 613515
Ion Ratio Lower Upper
104 100
78 47.5 39.8 59.6
103 54.1 44.3 66.5



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

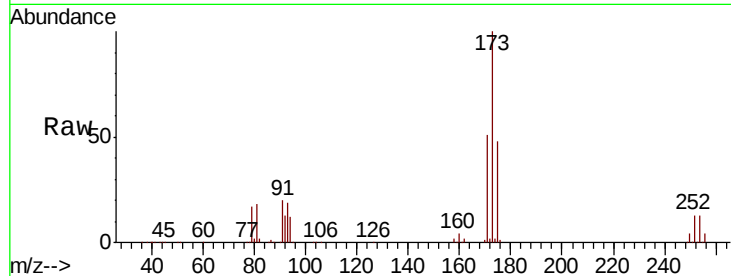




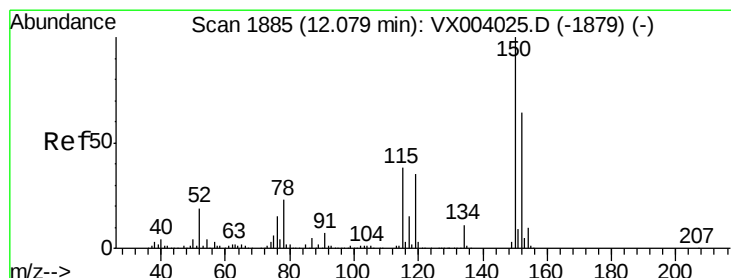
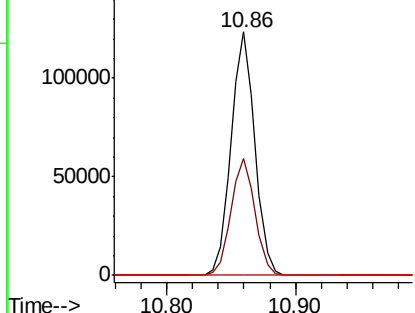
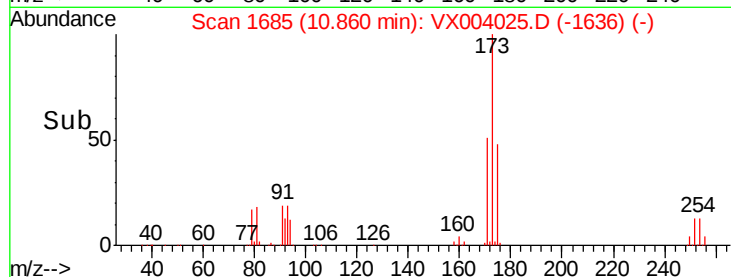
#71
Bromoform
Concen: 50.471 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:173 Resp: 159266
Ion Ratio Lower Upper
173 100
175 48.6 24.9 74.7
254 0.2 0.2 0.2

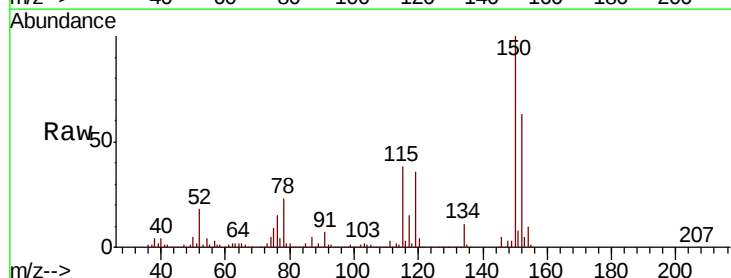


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

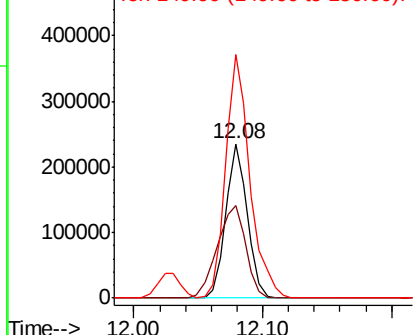
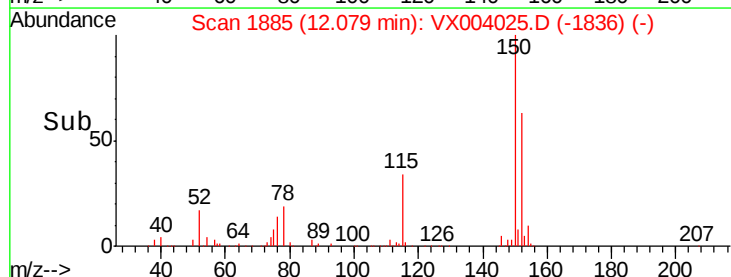


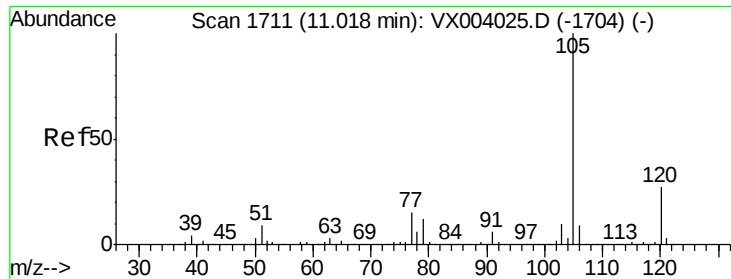
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion:152 Resp: 277113
Ion Ratio Lower Upper
152 100
115 78.9 39.1 117.3
150 176.6 0.0 349.2



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





#73

Isopropylbenzene

Concen: 52.434 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

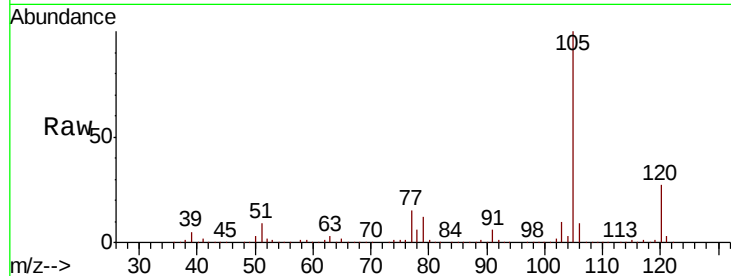
VSTDICCC050

Tgt Ion: 105 Resp: 983302

Ion Ratio Lower Upper

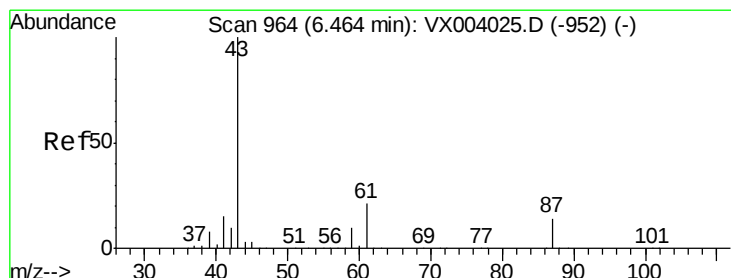
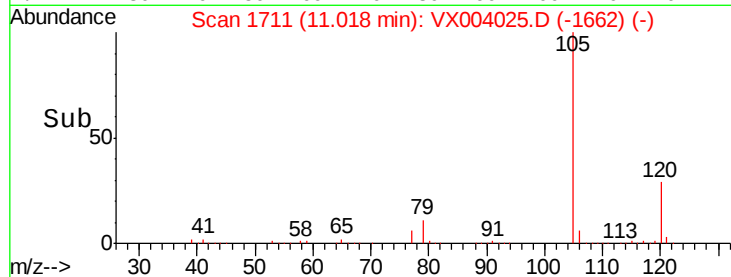
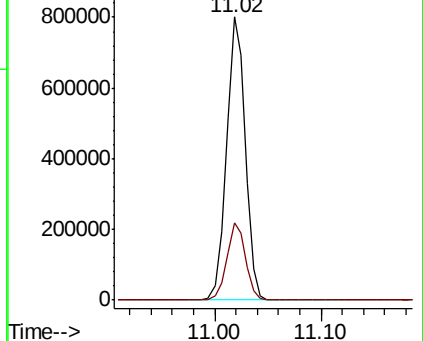
105 100

120 27.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.222 ug/l

RT: 6.46 min Scan# 964

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Tgt Ion: 43 Resp: 425346

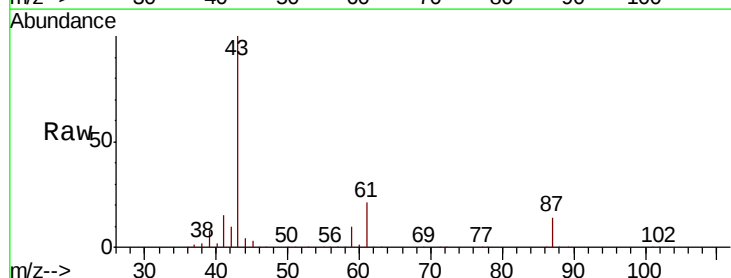
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 21.2 16.9 25.3

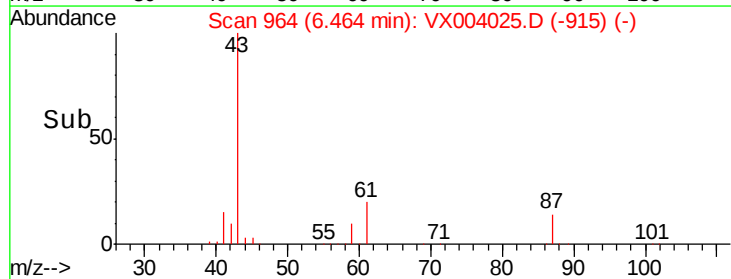
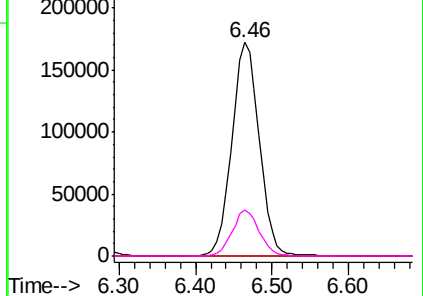


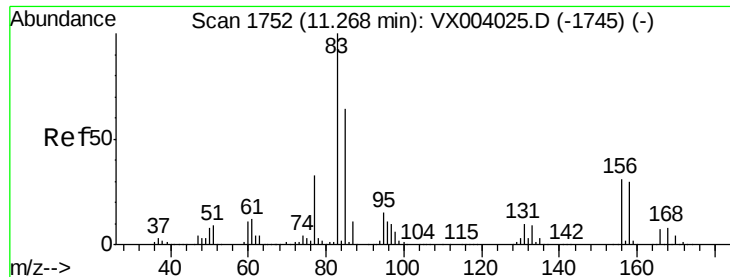
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.404 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

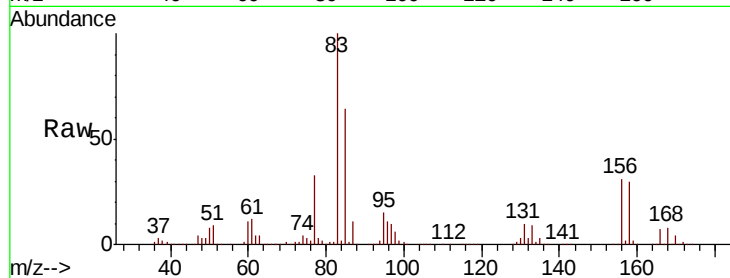
Tgt Ion: 83 Resp: 316994

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

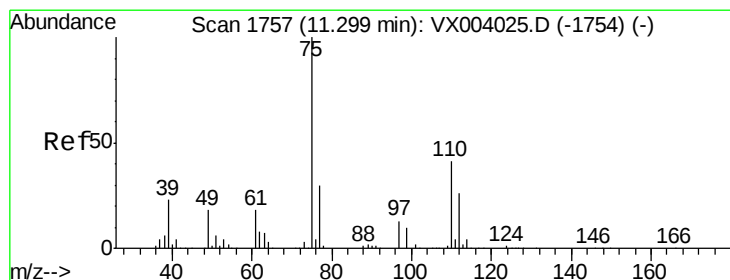
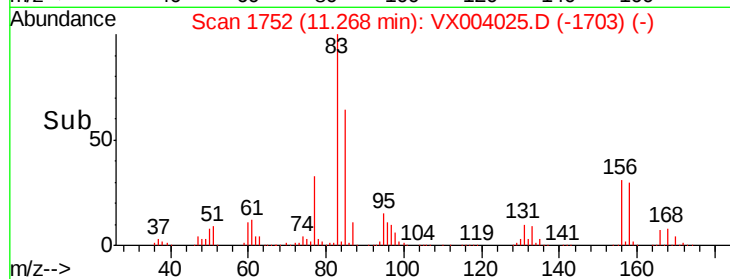
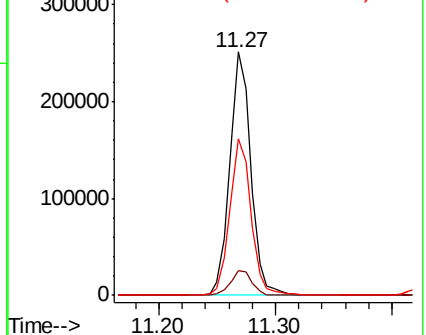
85 65.0 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 66.660 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004025.D

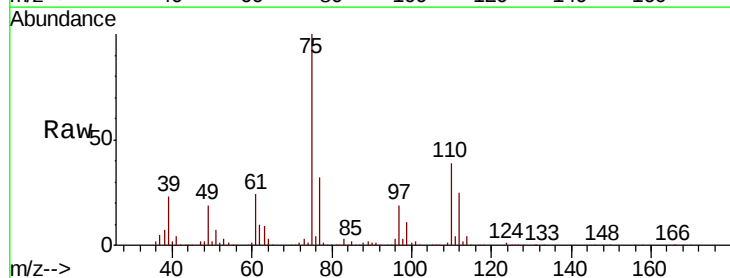
Acq: 14 Aug 2018 12:01

Tgt Ion: 75 Resp: 370447

Ion Ratio Lower Upper

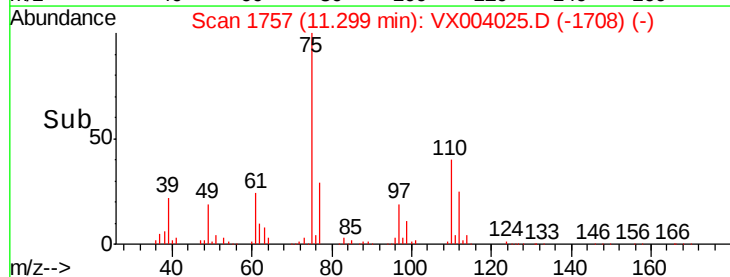
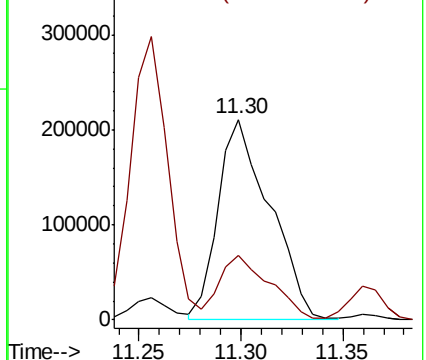
75 100

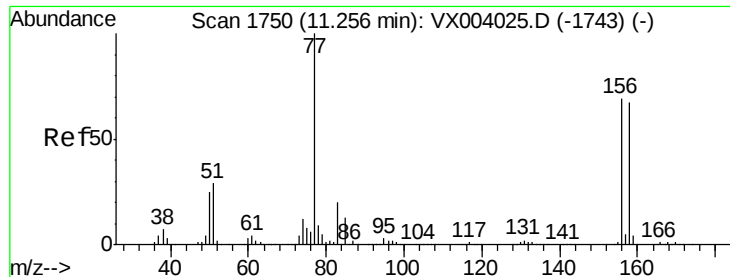
77 31.5 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.564 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

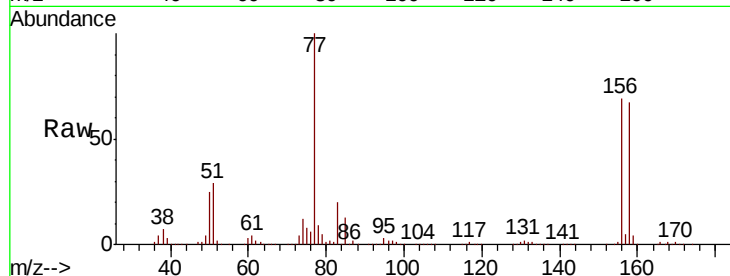
Tgt Ion: 156 Resp: 256225

Ion Ratio Lower Upper

156 100

77 148.1 74.1 222.2

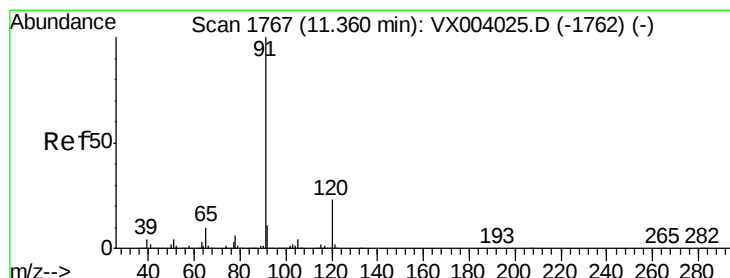
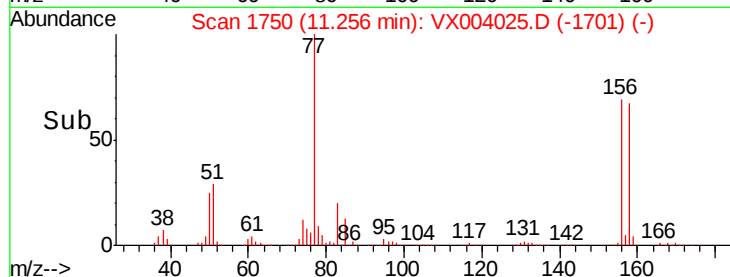
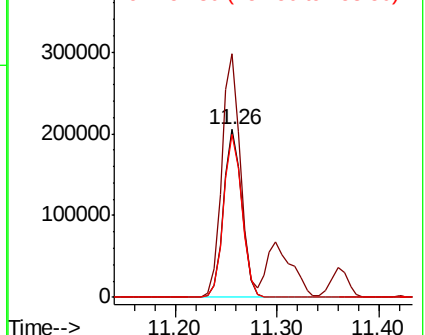
158 97.9 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.866 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004025.D

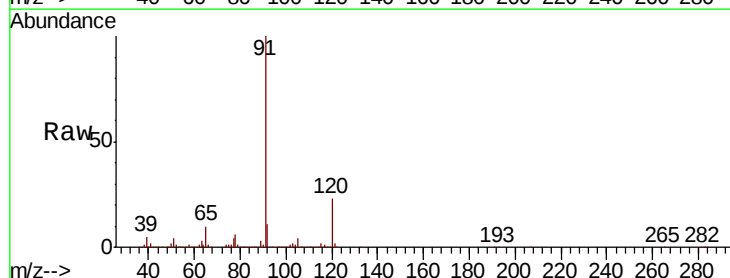
Acq: 14 Aug 2018 12:01

Tgt Ion: 91 Resp: 1130453

Ion Ratio Lower Upper

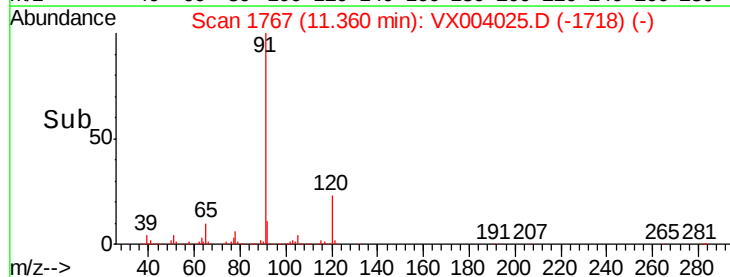
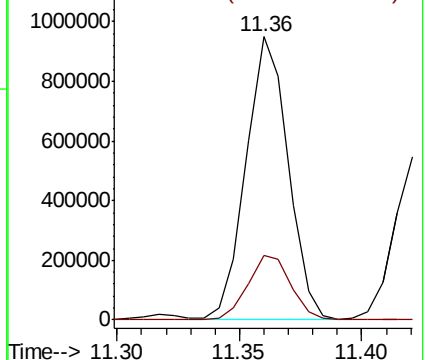
91 100

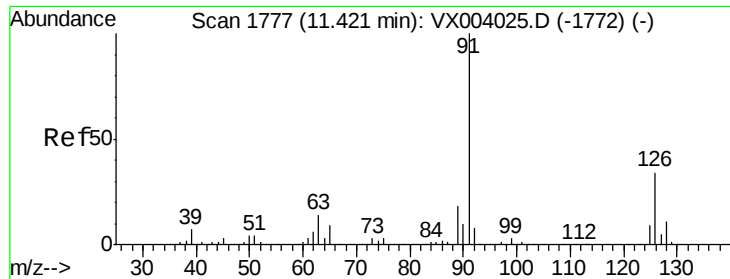
120 23.4 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

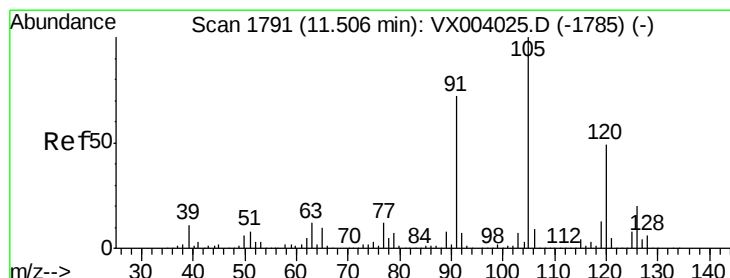
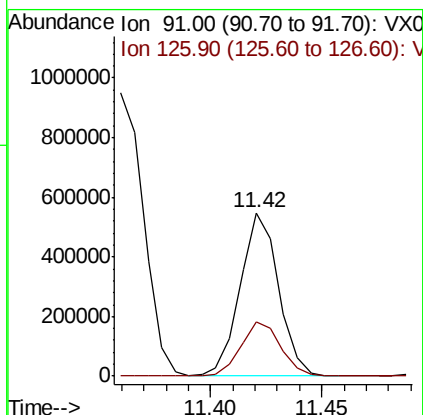
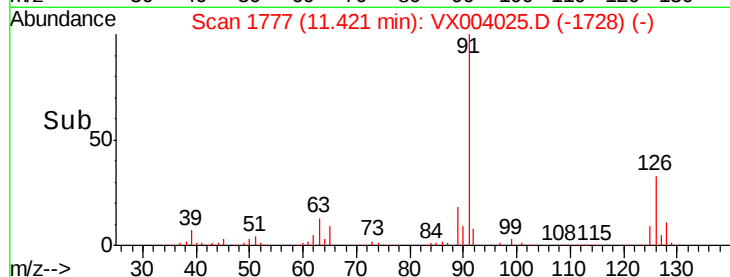
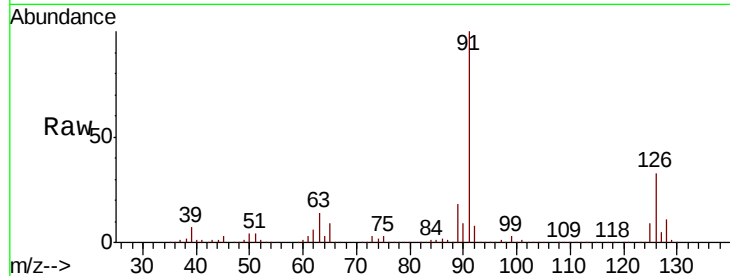




#79
 2-Chlorotoluene
 Concen: 51.291 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

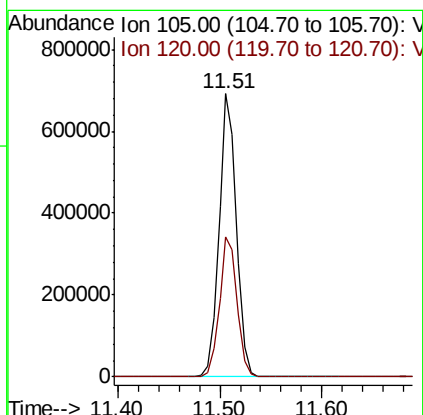
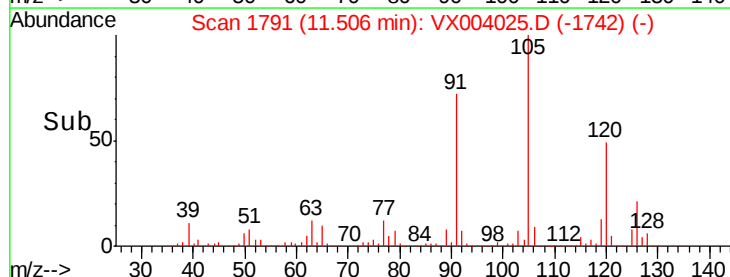
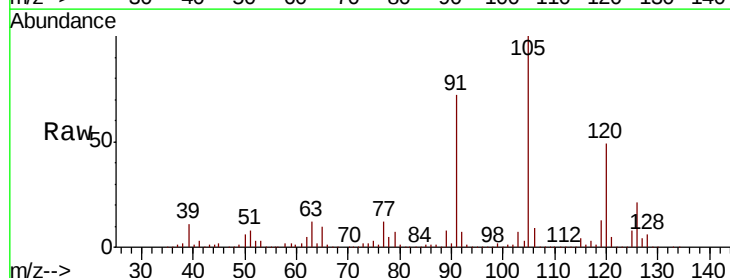
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

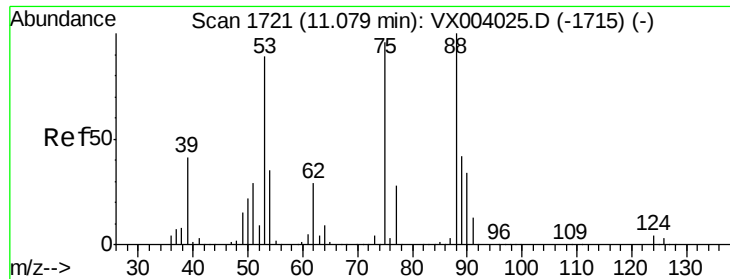
Tgt Ion: 91 Resp: 655979
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 53.338 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 105 Resp: 819010
 Ion Ratio Lower Upper
 105 100
 120 50.3 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 52.650 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

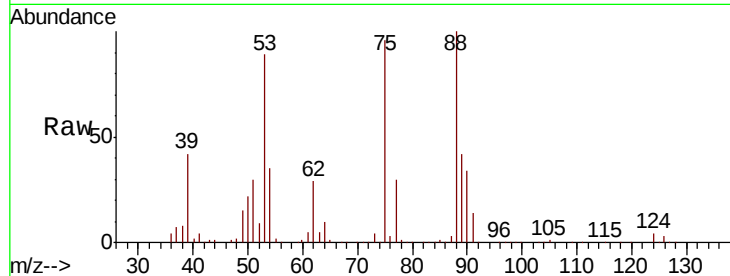
Tgt Ion: 75 Resp: 94521

Ion Ratio Lower Upper

75 100

53 100.2 80.3 120.5

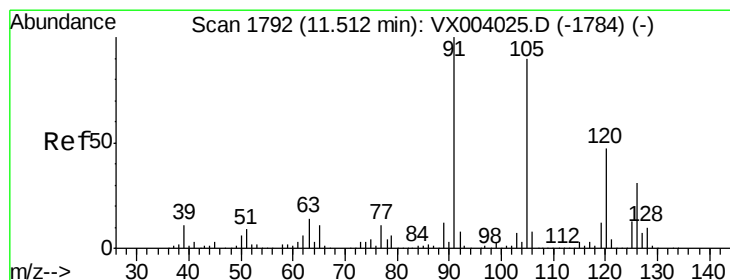
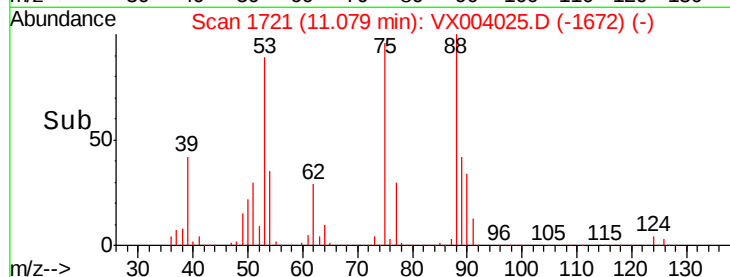
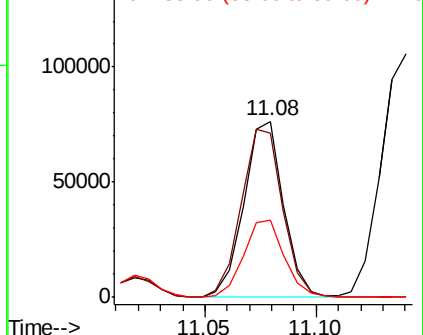
89 45.9 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.621 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004025.D

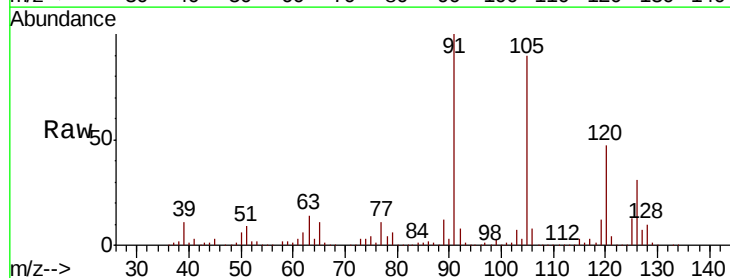
Acq: 14 Aug 2018 12:01

Tgt Ion: 91 Resp: 780393

Ion Ratio Lower Upper

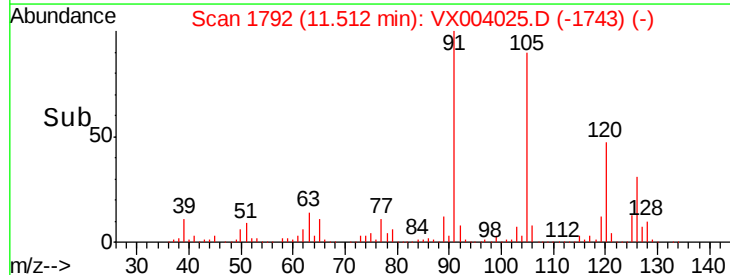
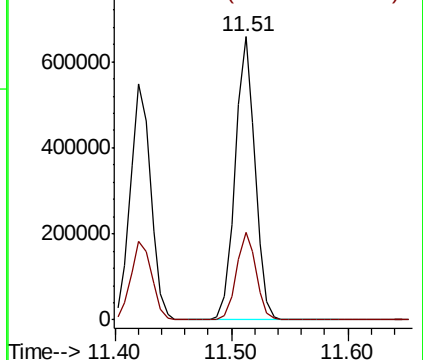
91 100

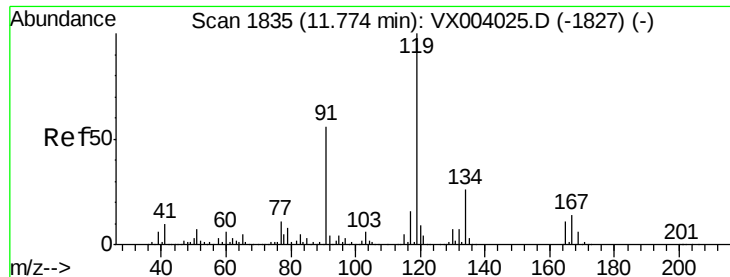
126 30.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

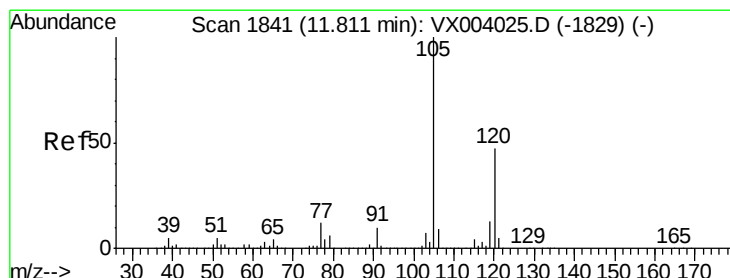
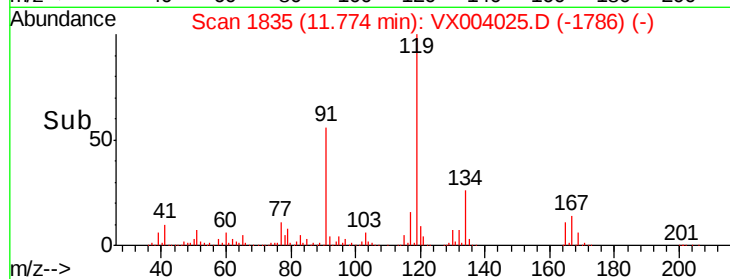
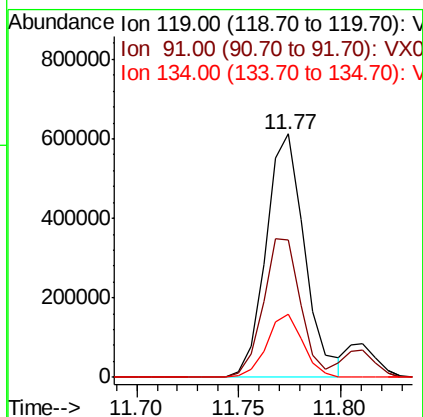
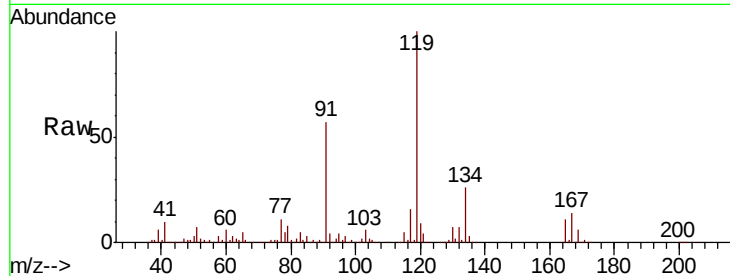




#83
 tert-Butylbenzene
 Concen: 52.185 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

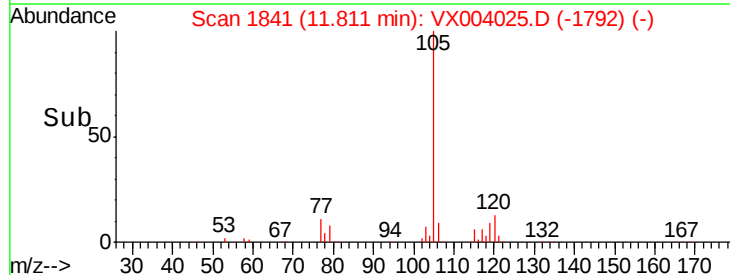
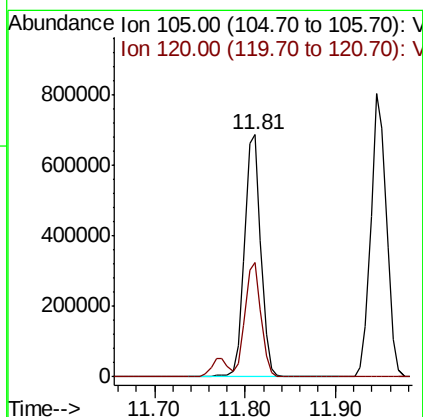
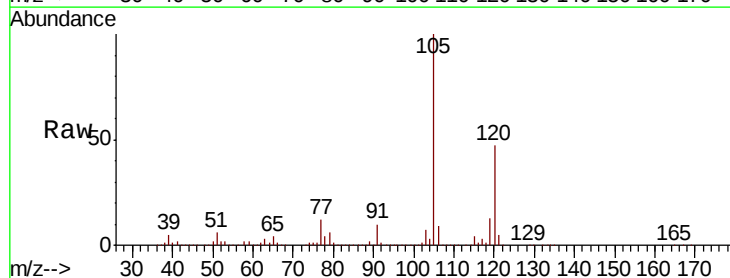
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

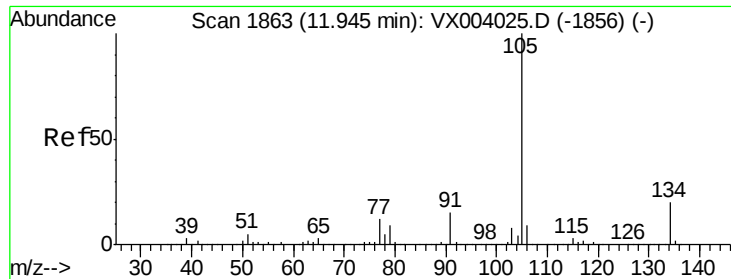
Tgt Ion:119 Resp: 807919
 Ion Ratio Lower Upper
 119 100
 91 54.9 26.9 80.7
 134 24.4 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.634 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion:105 Resp: 852957
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2

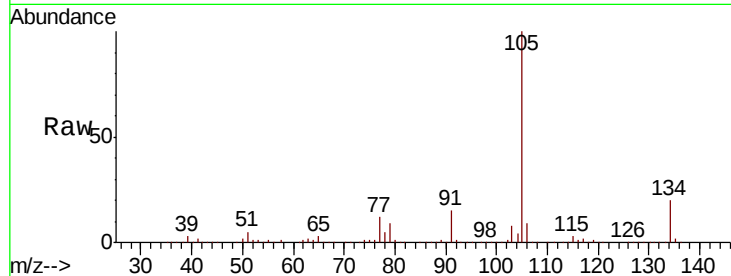




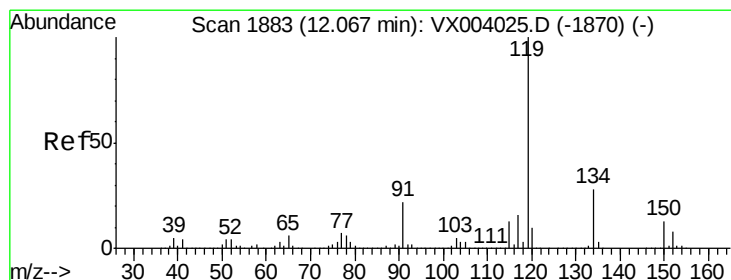
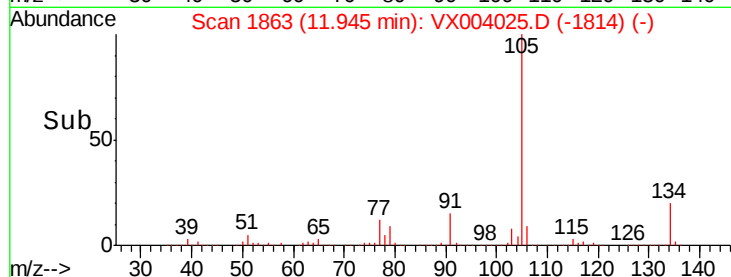
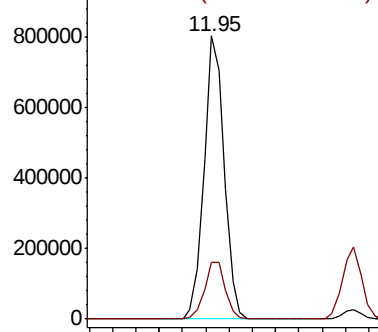
#85
 sec-Butylbenzene
 Concen: 53.125 ug/l
 RT: 11.95 min Scan# 1863
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion:105 Resp: 962640
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.9

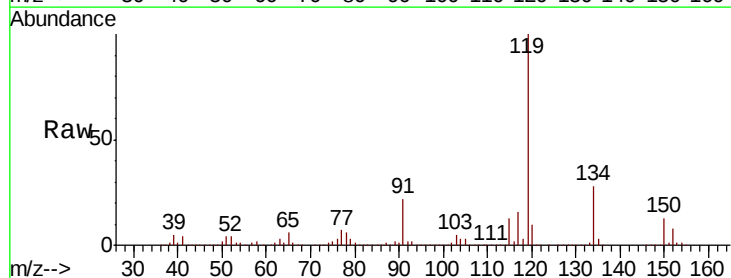


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

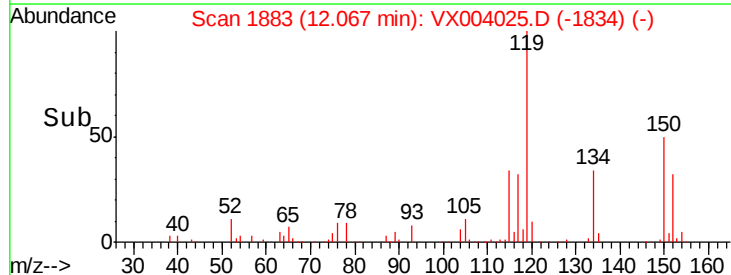
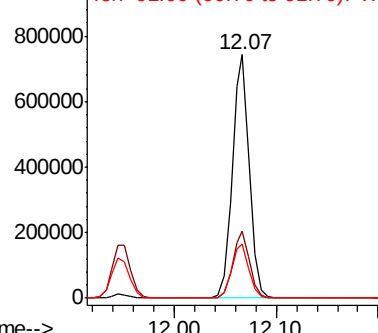


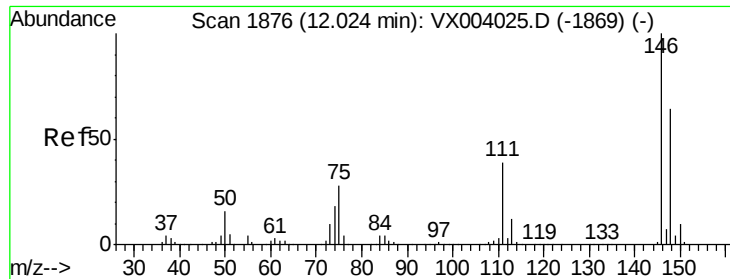
#86
 p-Isopropyltoluene
 Concen: 52.893 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion:119 Resp: 867675
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 22.5 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): VX0

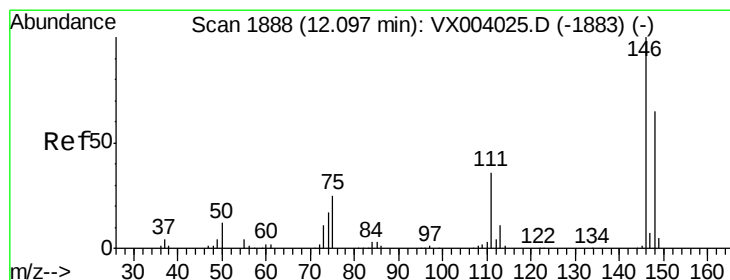
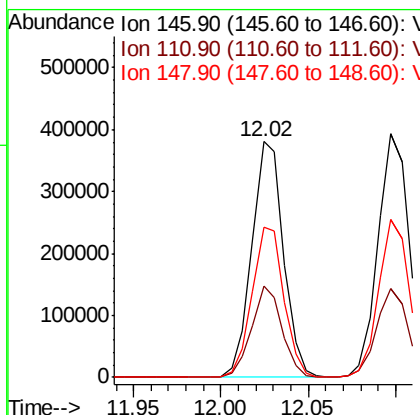
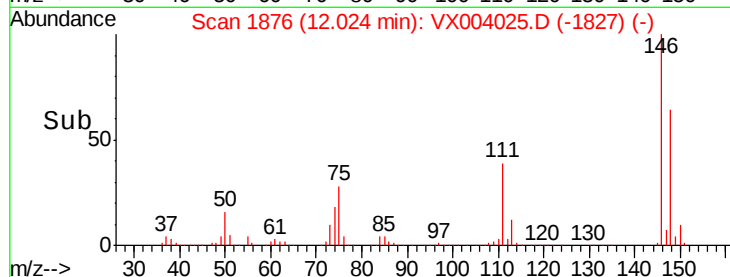
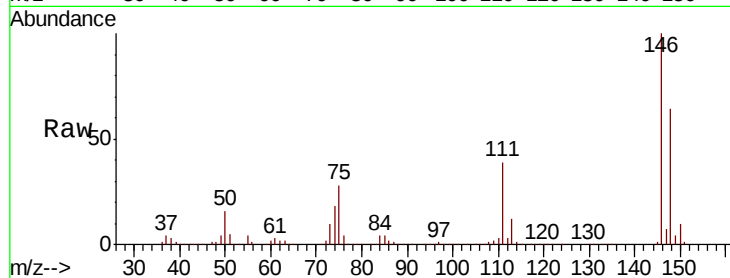




#87
 1,3-Dichlorobenzene
 Concen: 48.608 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

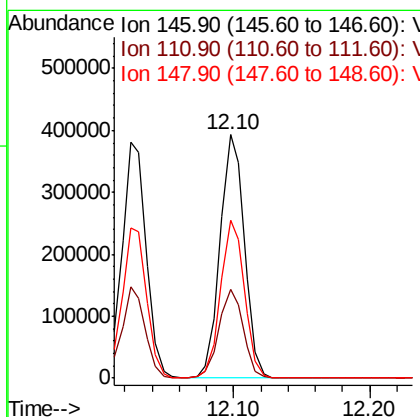
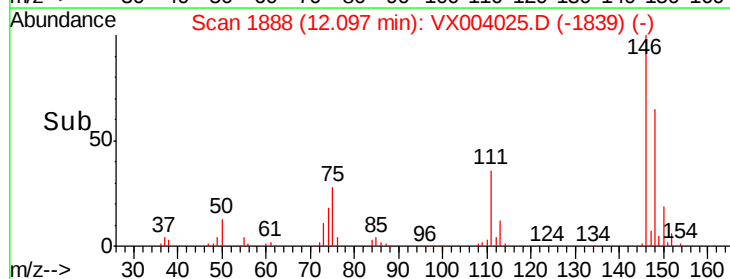
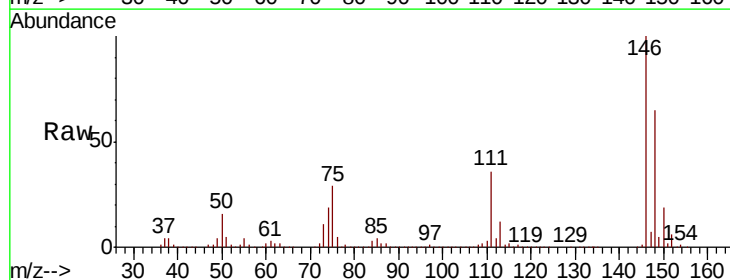
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

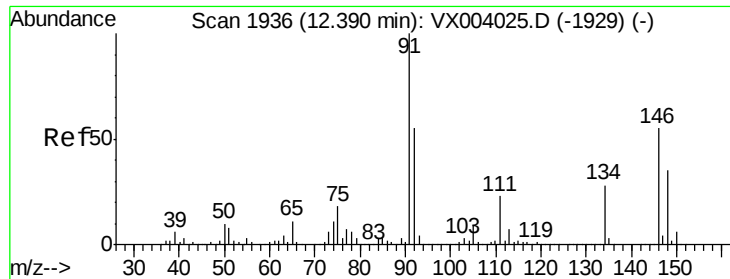
Tgt Ion:146 Resp: 479256
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.8 56.4
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 47.925 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion:146 Resp: 486315
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.4 55.0
 148 63.8 32.3 96.8





#89

n-Butylbenzene

Concen: 50.473 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004025.D

Acq: 14 Aug 2018 12:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

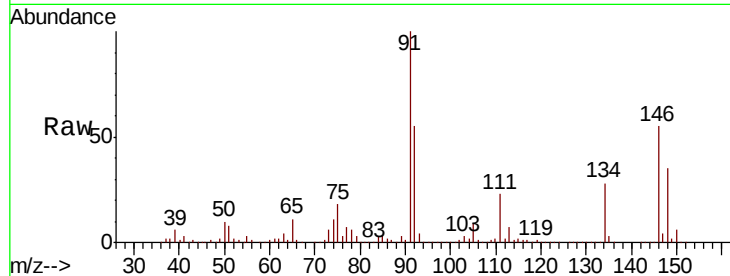
Tgt Ion: 91 Resp: 652432

Ion Ratio Lower Upper

91 100

92 54.8 27.1 81.3

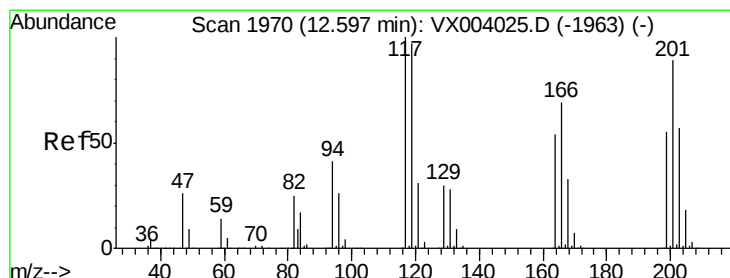
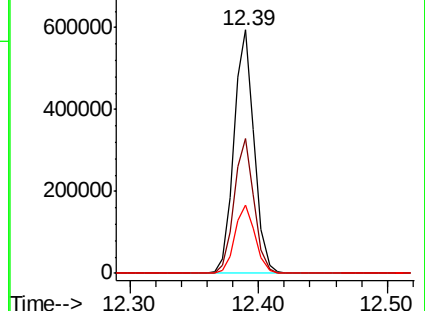
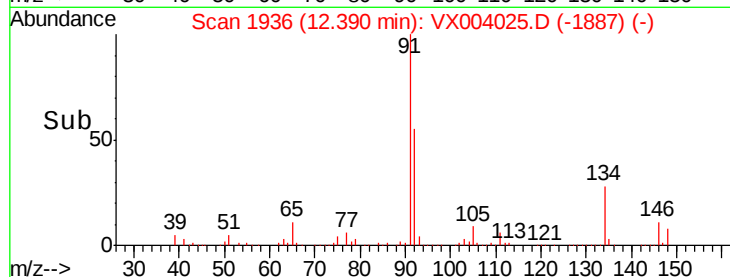
134 28.1 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004025.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX004025.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX004025.D (-1929) (-)



#90

Hexachloroethane

Concen: 49.177 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004025.D

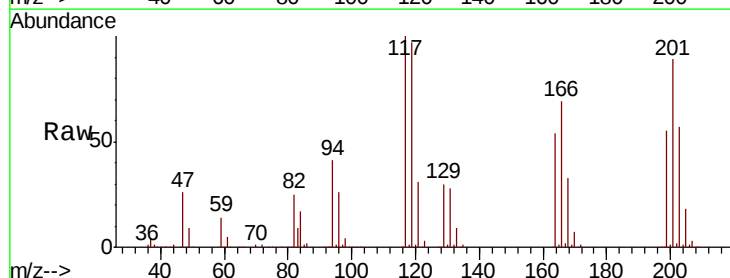
Acq: 14 Aug 2018 12:01

Tgt Ion: 117 Resp: 120706

Ion Ratio Lower Upper

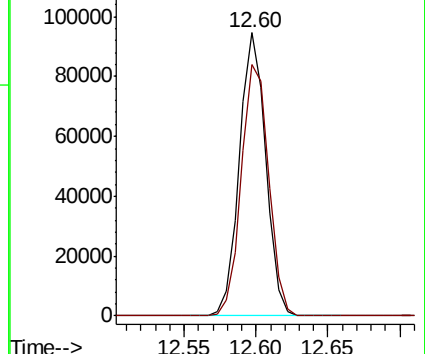
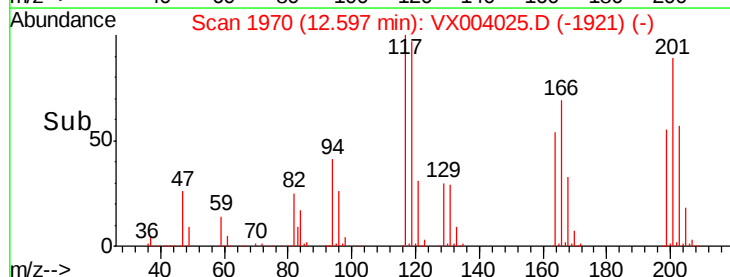
117 100

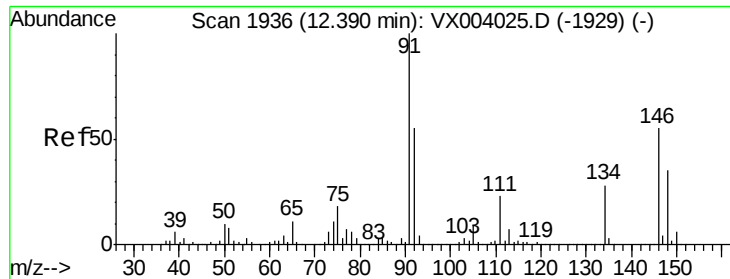
201 92.0 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX004025.D (-1963) (-)

Ion 200.70 (200.40 to 201.40): VX004025.D (-1963) (-)

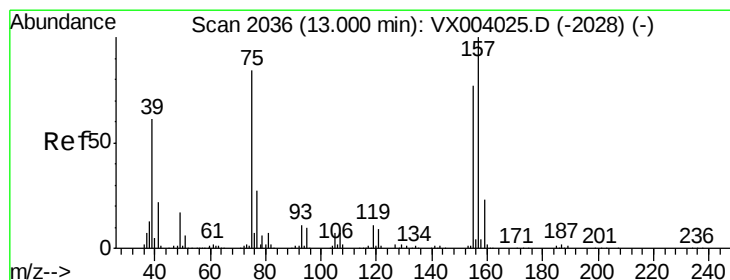
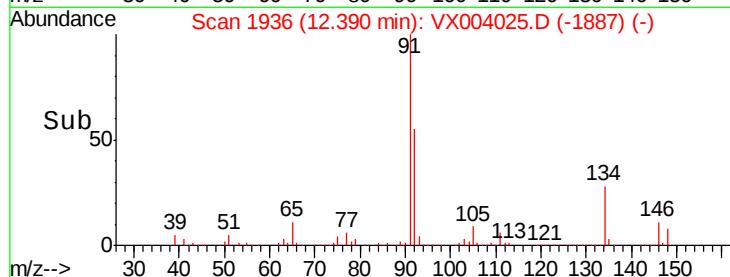
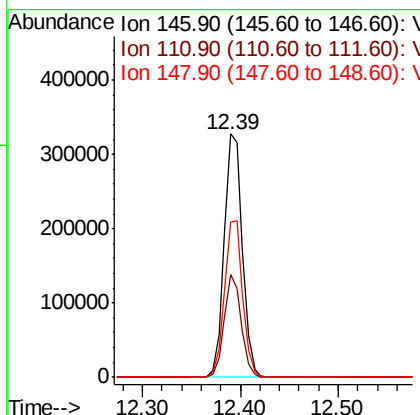
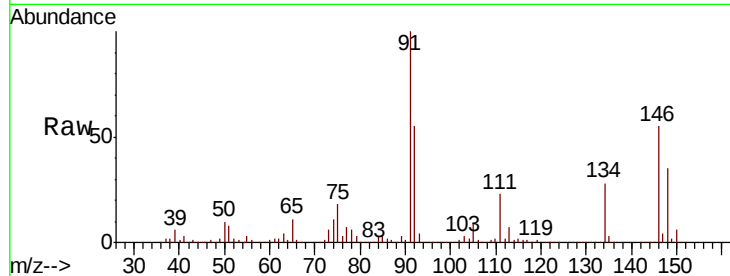




#91
 1,2-Dichlorobenzene
 Concen: 47.046 ug/l
 RT: 12.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

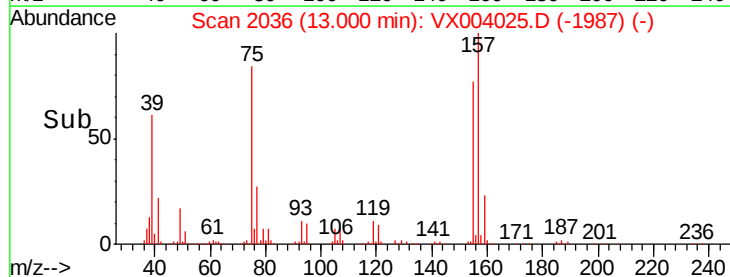
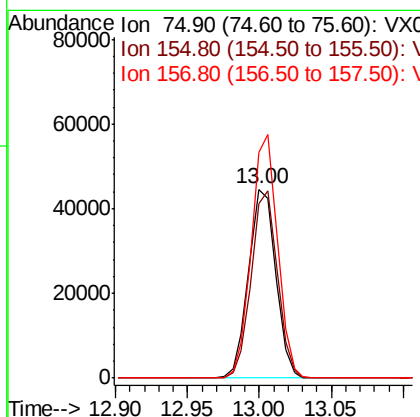
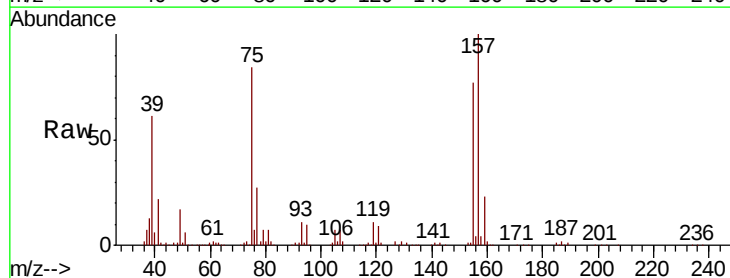
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

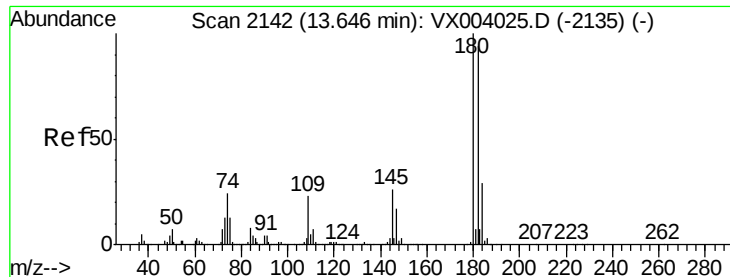
Tgt Ion:146 Resp: 418324
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.7 59.0
 148 64.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.493 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion: 75 Resp: 58116
 Ion Ratio Lower Upper
 75 100
 155 95.1 48.7 146.1
 157 123.5 62.6 187.8

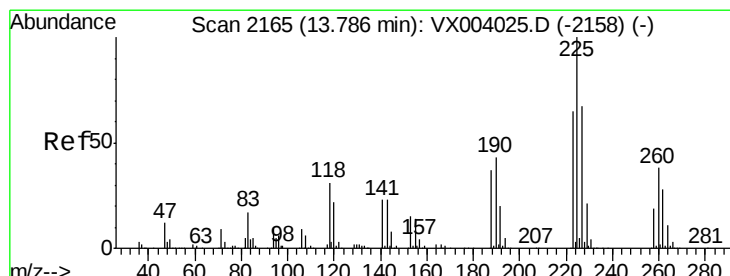
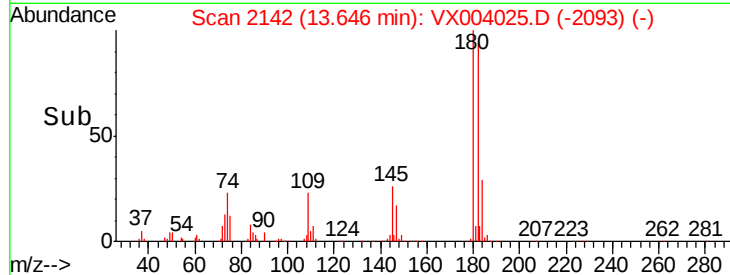
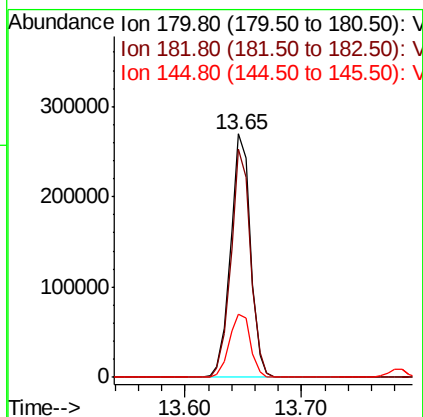
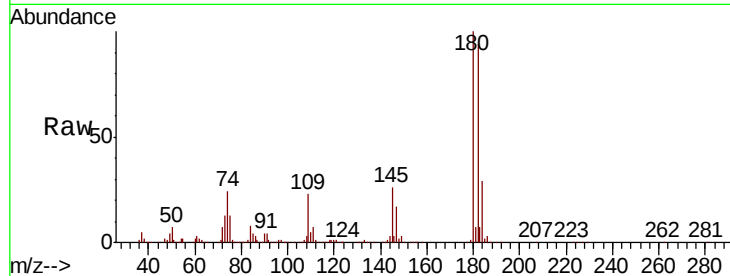




#93
 1,2,4-Trichlorobenzene
 Concen: 52.551 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

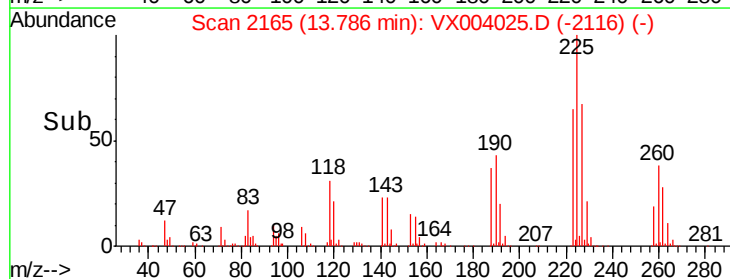
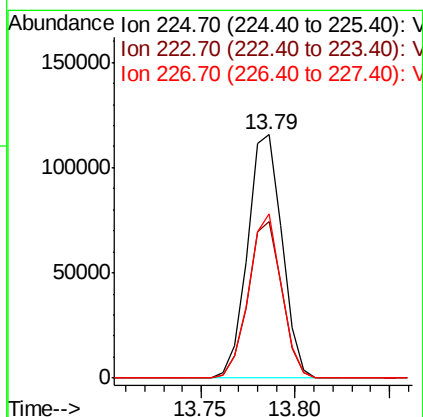
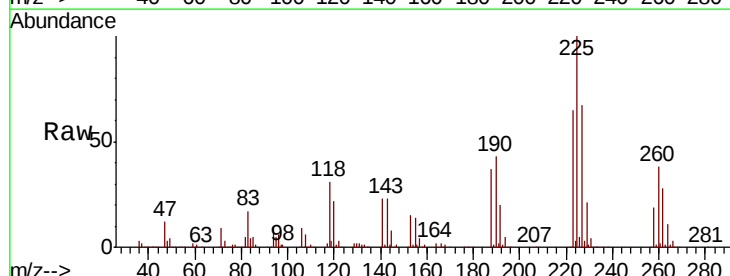
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 MSVOA_X
 ClientSampleId :
 VSTDICCC050

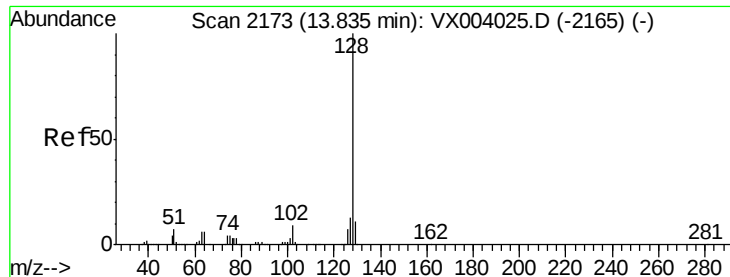
Tgt Ion:180 Resp: 319423
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.7 143.1
 145 27.7 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 48.120 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004025.D
 Acq: 14 Aug 2018 12:01

Tgt Ion:225 Resp: 146615
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.0
 227 64.0 32.1 96.5

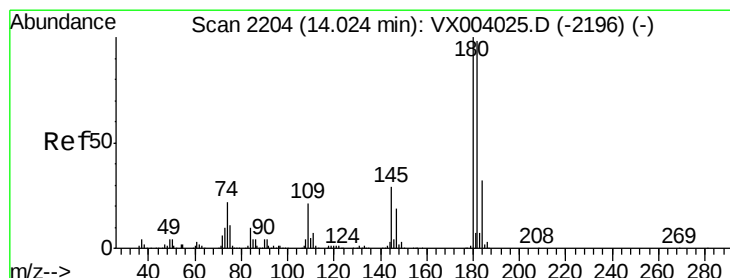
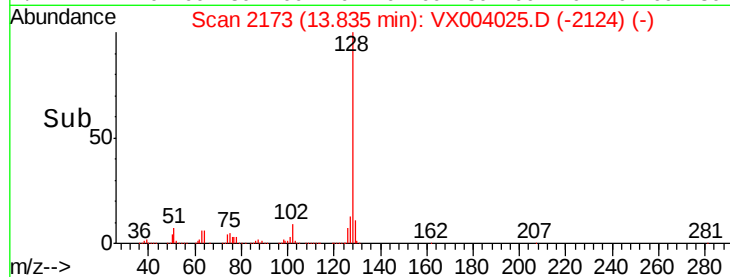
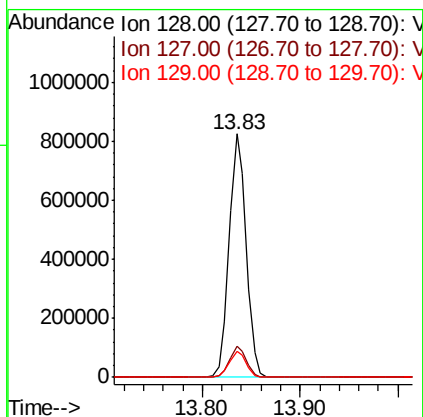
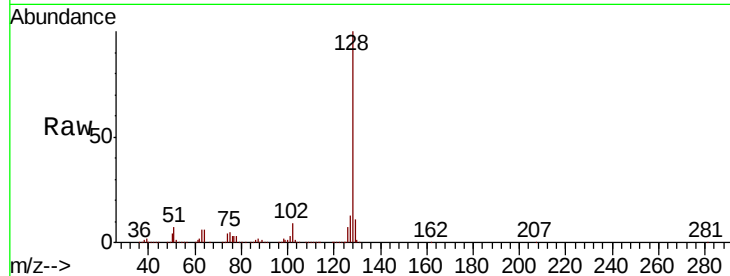




#95
Naphthalene
Concen: 51.219 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 992947
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.314 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX004025.D
Acq: 14 Aug 2018 12:01

Tgt Ion:180 Resp: 346733
Ion Ratio Lower Upper
180 100
182 96.1 48.1 144.4
145 29.8 14.9 44.7

