

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031519\
 Data File : VX008117.D
 Acq On : 15 Mar 2019 20:23
 Operator : JC/SP
 Sample : VX0315WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

Quant Time: Mar 16 01:09:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	262788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	368775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	329152	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	166794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	123649	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
35) Dibromofluoromethane	5.51	113	114501	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	8.71	98	427453	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
62) 4-Bromofluorobenzene	11.13	95	147437	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	35180	16.724	ug/l	97
3) Chloromethane	1.33	50	32195	12.999	ug/l	100
4) Vinyl Chloride	1.41	62	34014	14.393	ug/l	99
5) Bromomethane	1.64	94	21168	17.420	ug/l	99
6) Chloroethane	1.73	64	20932	15.983	ug/l	100
7) Trichlorofluoromethane	1.93	101	47036	16.583	ug/l	99
8) Diethyl Ether	2.19	74	25107	17.807	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	37333	17.611	ug/l	94
10) Methyl Iodide	2.51	142	55945	18.891	ug/l	97
11) Tert butyl alcohol	3.07	59	49138	95.946	ug/l	99
12) 1,1-Dichloroethene	2.38	96	36421	18.178	ug/l	89
13) Acrolein	2.30	56	34429	72.982	ug/l	100
14) Allyl chloride	2.73	41	61105	16.744	ug/l	96
15) Acrylonitrile	3.15	53	112579	90.147	ug/l	99
16) Acetone	2.45	43	95575	76.370	ug/l	96
17) Carbon Disulfide	2.57	76	100573	17.482	ug/l	99
18) Methyl Acetate	2.78	43	51985	19.219	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	120929	17.851	ug/l	97
20) Methylene Chloride	2.86	84	39356	17.608	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	38744	17.947	ug/l	90
22) Diisopropyl ether	3.88	45	127021	17.514	ug/l	93
23) Vinyl Acetate	3.82	43	540050	87.556	ug/l	96
24) 1,1-Dichloroethane	3.70	63	71533	17.993	ug/l	98
25) 2-Butanone	4.70	43	162767	84.733	ug/l	93
26) 2,2-Dichloropropane	4.59	77	47415	15.611	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	45894	17.884	ug/l	93
28) Bromochloromethane	5.01	49	37237	19.831	ug/l	84
29) Tetrahydrofuran	5.16	42	105754	88.190	ug/l	92
30) Chloroform	5.21	83	71835	17.838	ug/l	99
31) Cyclohexane	5.57	56	62666	16.533	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	60664	17.884	ug/l	97
36) 1,1-Dichloropropene	5.80	75	52673	17.362	ug/l	98
37) Ethyl Acetate	4.86	43	59449	18.232	ug/l	96
38) Carbon Tetrachloride	5.78	117	53686	18.385	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	65437	16.874	ug/l	97
40) Benzene	6.14	78	167564	18.029	ug/l	100
41) Methacrylonitrile	5.07	41	33188	17.482	ug/l	94
42) 1,2-Dichloroethane	6.20	62	54319	18.270	ug/l	99
43) Isopropyl Acetate	6.46	43	89843	17.109	ug/l	97
44) Trichloroethene	7.21	130	47991	17.892	ug/l	95
45) 1,2-Dichloropropane	7.52	63	42704	17.416	ug/l	99
46) Dibromomethane	7.66	93	28599	18.609	ug/l	95
47) Bromodichloromethane	7.90	83	51393	17.584	ug/l	99
48) Methyl methacrylate	7.77	41	48070	17.528	ug/l	96
49) 1,4-Dioxane	7.75	88	22890	386.980	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	302985	87.547	ug/l	96
52) Toluene	8.79	92	103377	17.498	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	53545	16.712	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	60979	17.125	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	43964	18.276	ug/l	98
56) Ethyl methacrylate	9.18	69	62345	17.546	ug/l	95
57) 1,3-Dichloropropane	9.37	76	70226	17.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	183596	87.827	ug/l	95
59) 2-Hexanone	9.49	43	231698	85.605	ug/l	97
60) Dibromochloromethane	9.58	129	43893	17.704	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45892	18.207	ug/l	98
64) Tetrachloroethene	9.34	164	49785	18.668	ug/l	97
65) Chlorobenzene	10.14	112	117004	17.913	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	42369	18.277	ug/l	99
67) Ethyl Benzene	10.25	91	189999	17.574	ug/l	99
68) m/p-Xylenes	10.36	106	148054	35.788	ug/l	99
69) o-Xylene	10.70	106	72794	18.050	ug/l	97
70) Styrene	10.71	104	118435	17.926	ug/l	99
71) Bromoform	10.86	173	34758	18.119	ug/l #	100
73) Isopropylbenzene	11.02	105	192394	18.009	ug/l	99
74) N-amyl acetate	10.90	43	74291	16.485	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	63596	18.168	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	71536	24.695	ug/l	90
77) Bromobenzene	11.26	156	53299	18.279	ug/l	95
78) n-propylbenzene	11.36	91	205541	17.537	ug/l	99
79) 2-Chlorotoluene	11.42	91	126898	17.729	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	161171	18.309	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16735	16.440	ug/l	93
82) 4-Chlorotoluene	11.51	91	145798	17.785	ug/l	99
83) tert-Butylbenzene	11.77	119	158341	17.949	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	164064	18.068	ug/l	100
85) sec-Butylbenzene	11.94	105	187791	17.867	ug/l	100
86) p-Isopropyltoluene	12.06	119	172442	18.141	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	94320	18.175	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	93194	17.685	ug/l	99
89) n-Butylbenzene	12.39	91	133605	16.797	ug/l	99
90) Hexachloroethane	12.60	117	26702	17.552	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	95406	18.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	13206	18.661	ug/l	90

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

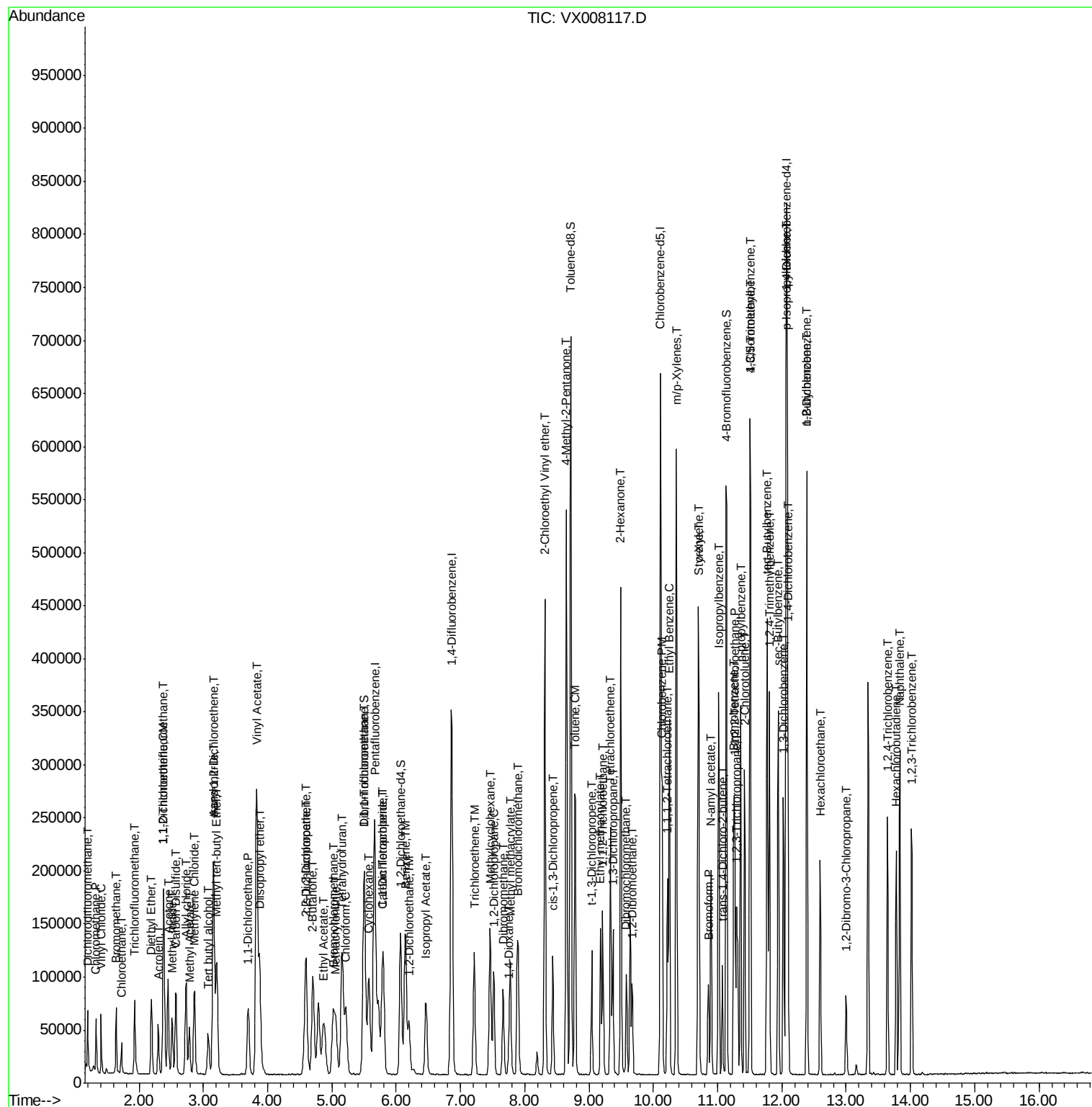
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	64206	17.604	ug/l	100
94) Hexachlorobutadiene	13.78	225	35901	18.118	ug/l	99
95) Naphthalene	13.83	128	189698	18.498	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	65841	18.338	ug/l	100

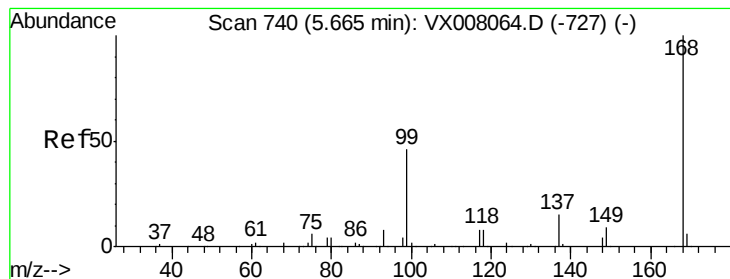
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

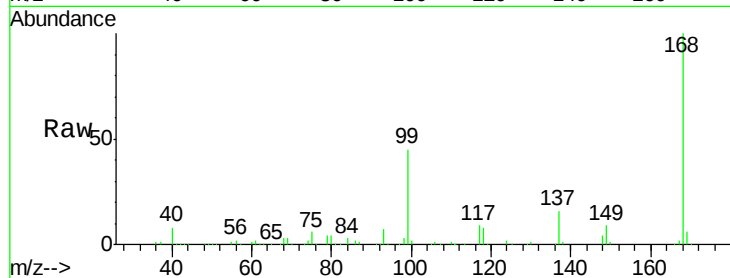
VX0315WBSD02

Tot Ion:168 Resp: 262788

Ion Ratio Lower Upper

168 100

99 45.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

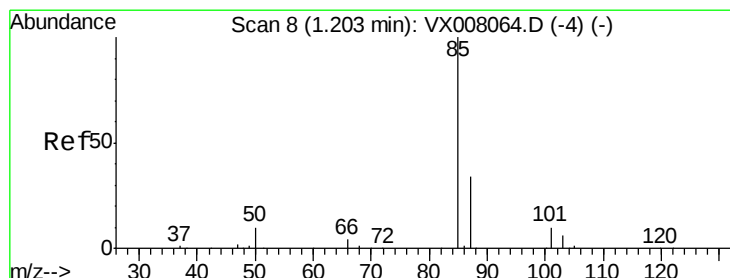
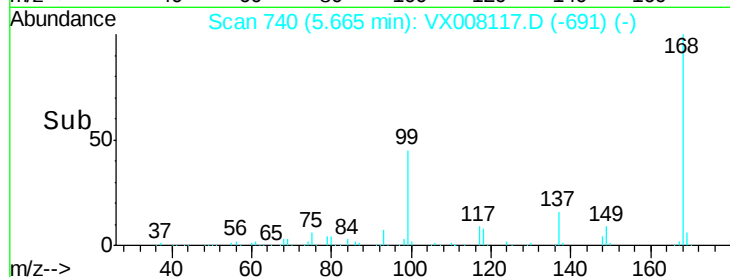
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 16.724 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008117.D

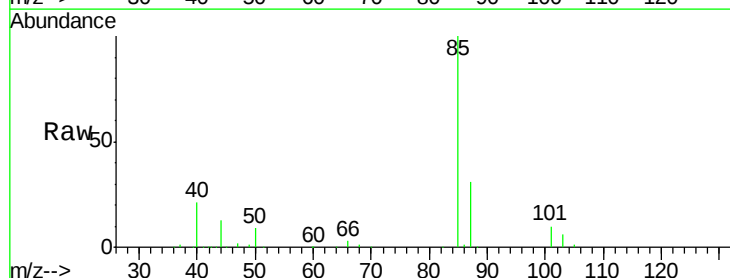
Acq: 15 Mar 2019 20:23

Tgt Ion: 85 Resp: 35180

Ion Ratio Lower Upper

85 100

87 30.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

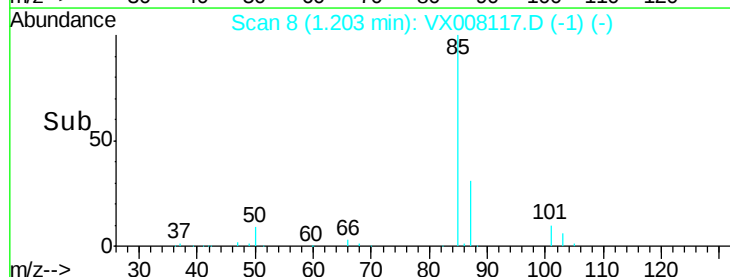
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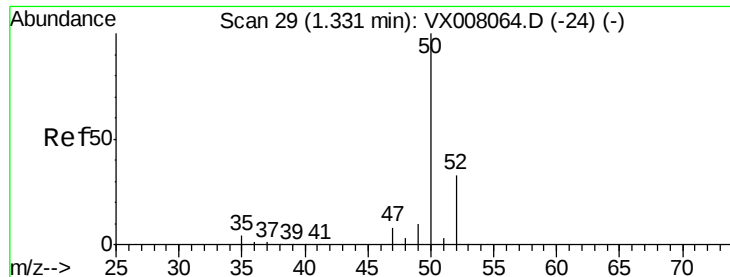
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 12.999 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

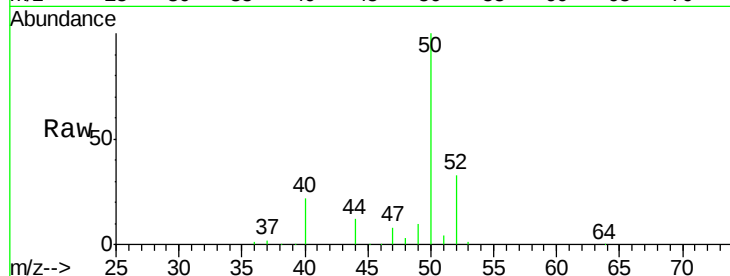
VX0315WBSD02

Tot Ion: 50 Resp: 32195

Ion Ratio Lower Upper

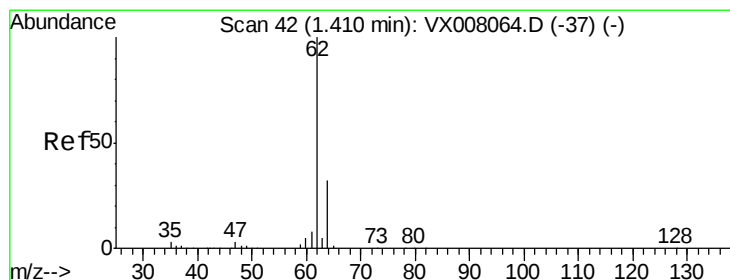
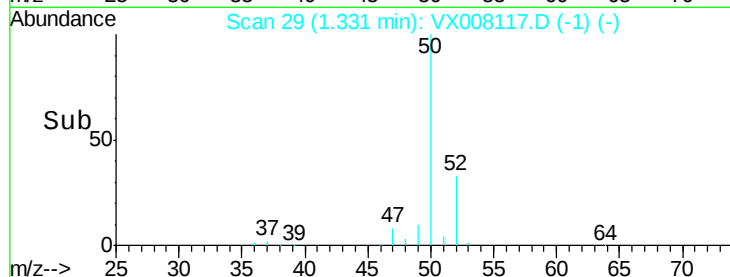
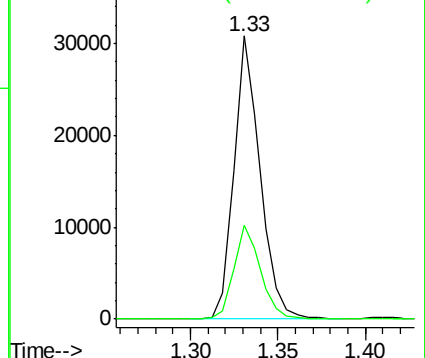
50 100

52 33.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.393 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008117.D

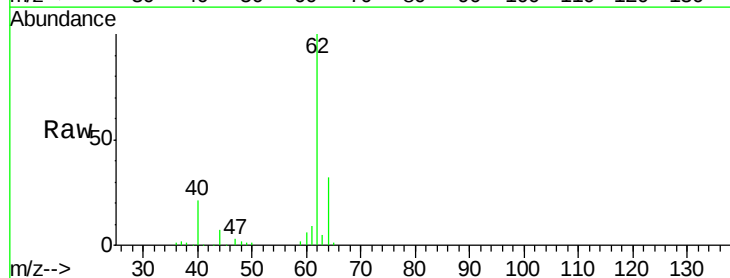
Acq: 15 Mar 2019 20:23

Tgt Ion: 62 Resp: 34014

Ion Ratio Lower Upper

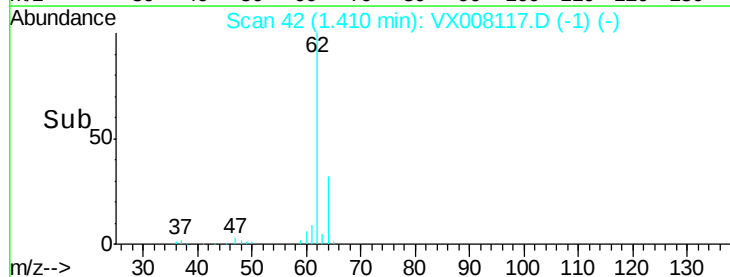
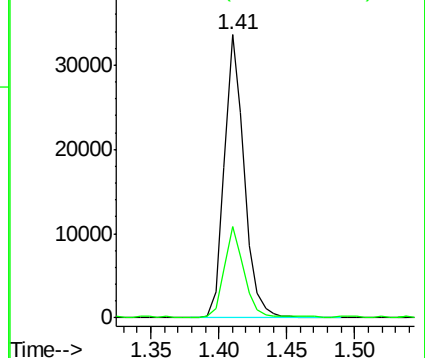
62 100

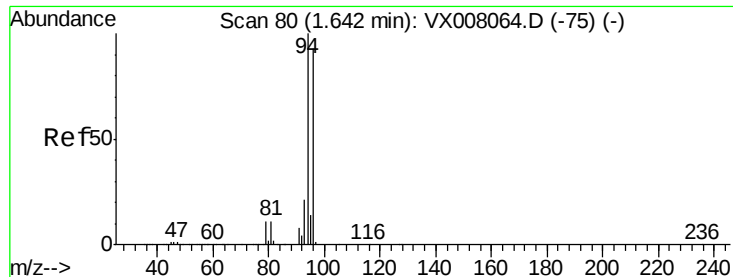
64 32.1 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.420 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

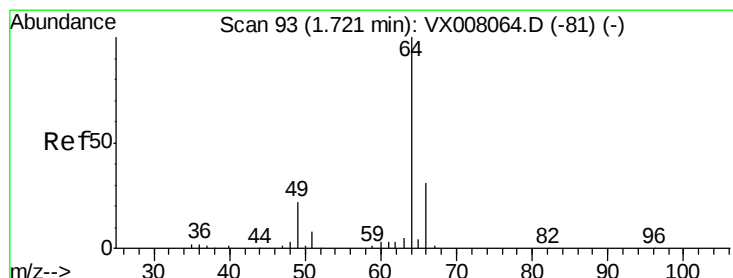
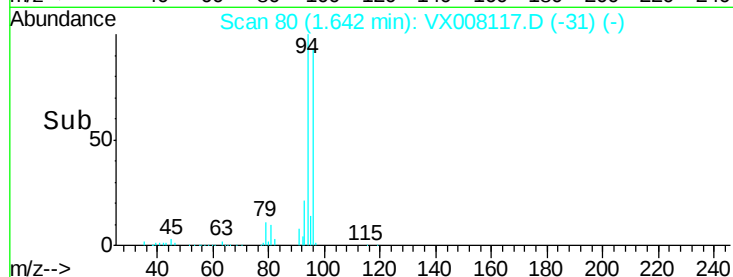
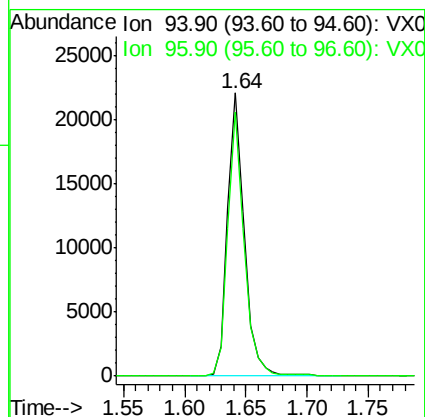
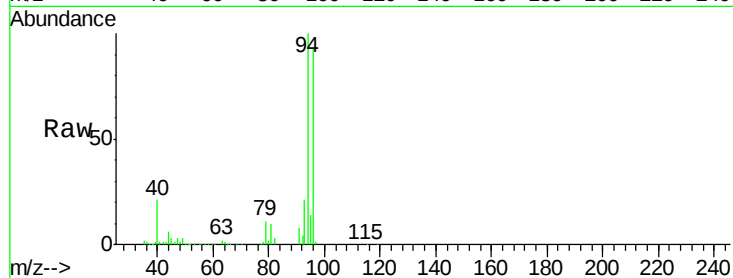
VX0315WBSD02

Tot Ion: 94 Resp: 21168

Ion Ratio Lower Upper

94 100

96 93.3 75.5 113.3



#6

Chloroethane

Concen: 15.983 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008117.D

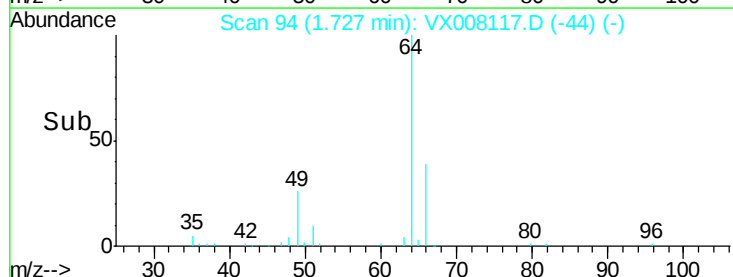
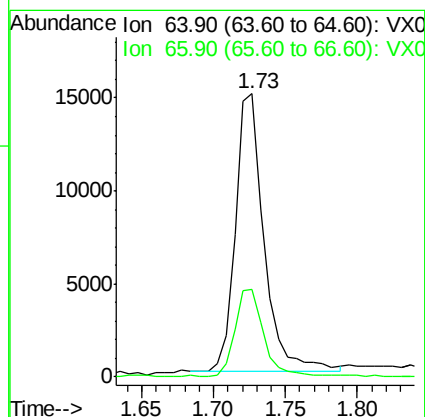
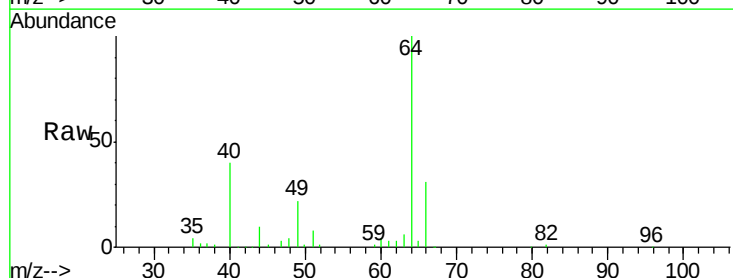
Acq: 15 Mar 2019 20:23

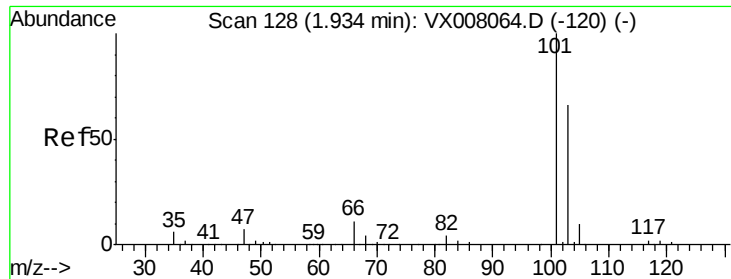
Tgt Ion: 64 Resp: 20932

Ion Ratio Lower Upper

64 100

66 31.3 25.2 37.8



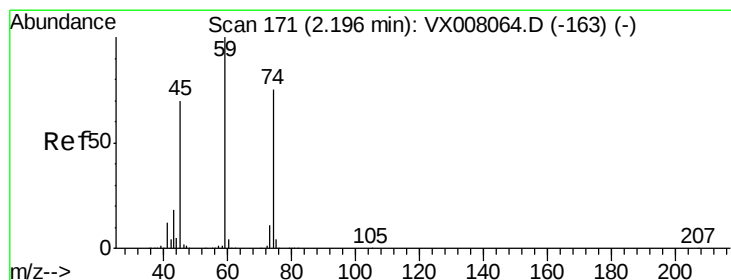
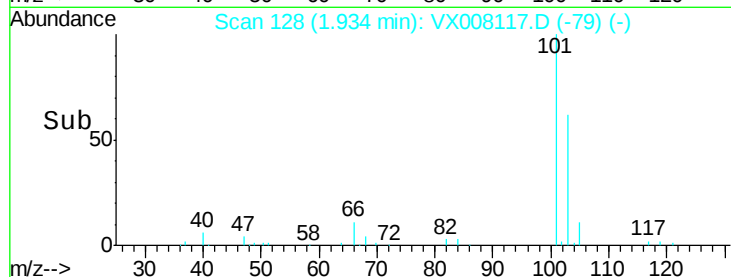
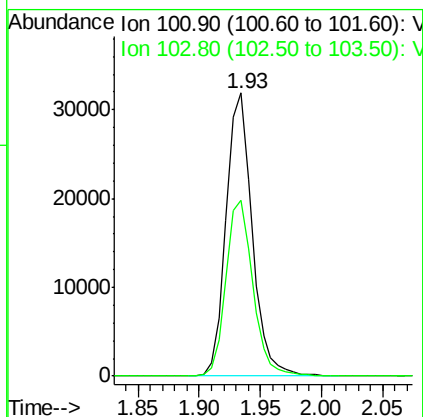
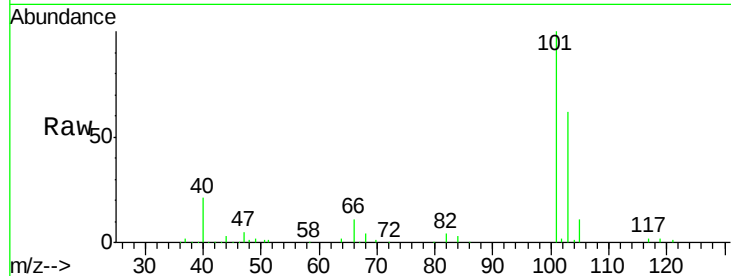


#7

Trichlorofluoromethane
 Concen: 16.583 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

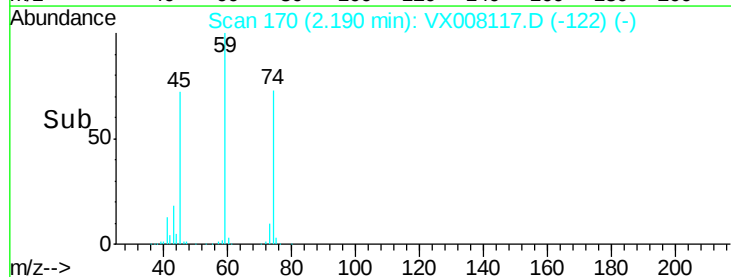
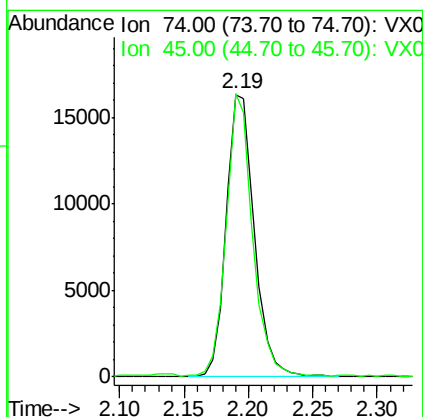
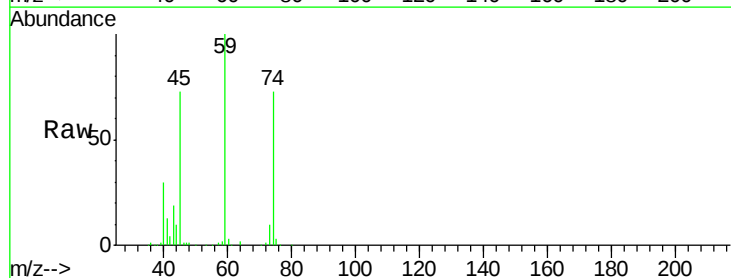
Tot Ion:101 Resp: 47036
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.4 75.6

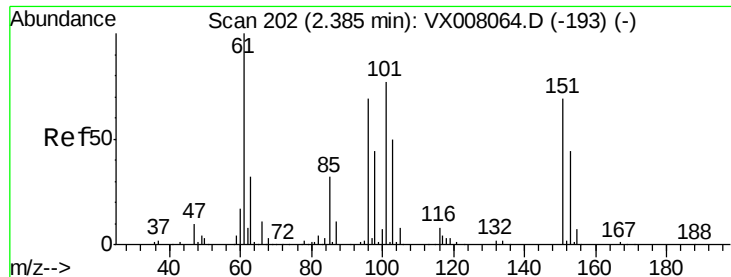


#8

Diethyl Ether
 Concen: 17.807 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Tgt Ion: 74 Resp: 25107
 Ion Ratio Lower Upper
 74 100
 45 94.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.611 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

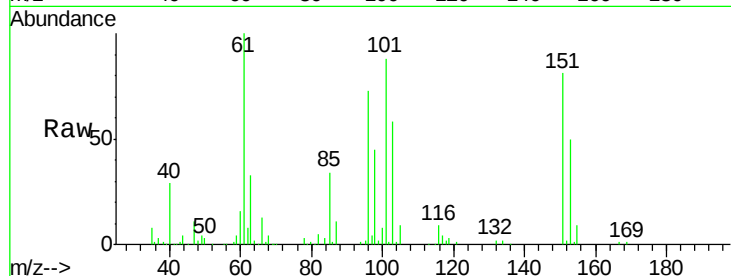
Tot Ion:101 Resp: 37333

Ion Ratio Lower Upper

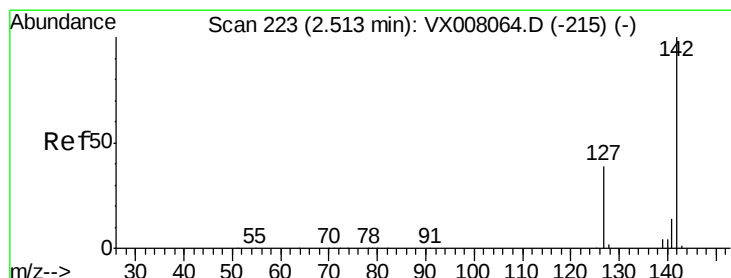
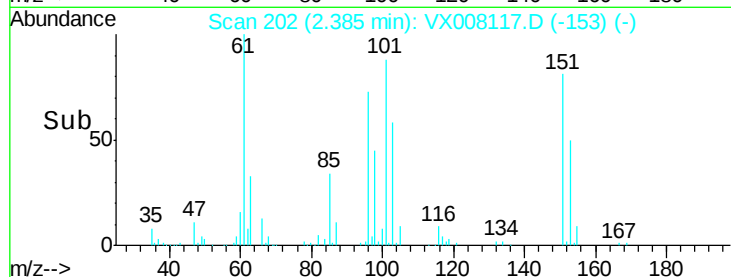
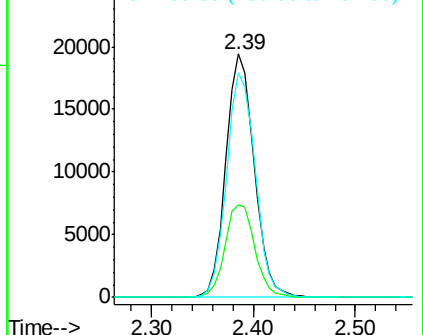
101 100

85 39.9 33.8 50.6

151 93.2 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.891 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

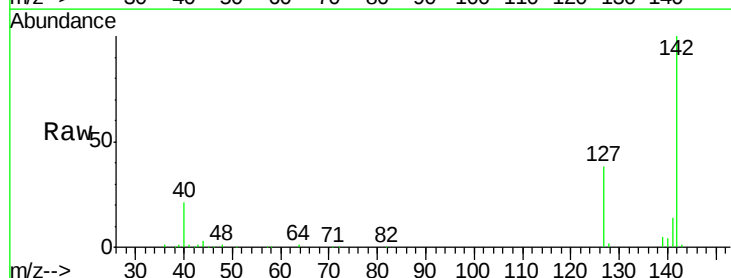
Tgt Ion:142 Resp: 55945

Ion Ratio Lower Upper

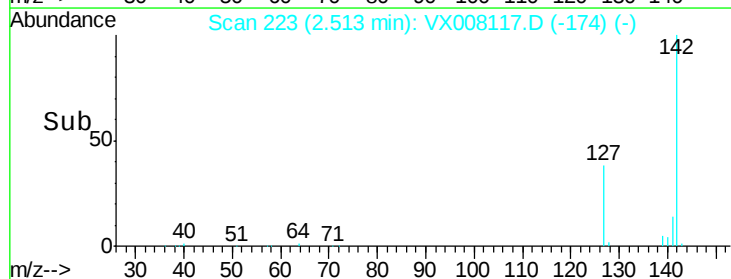
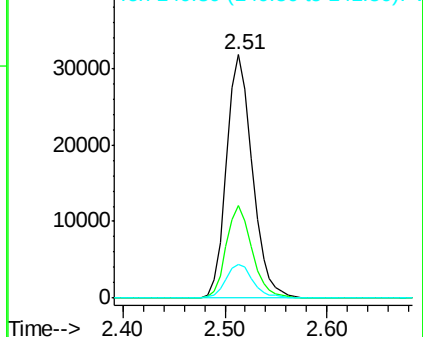
142 100

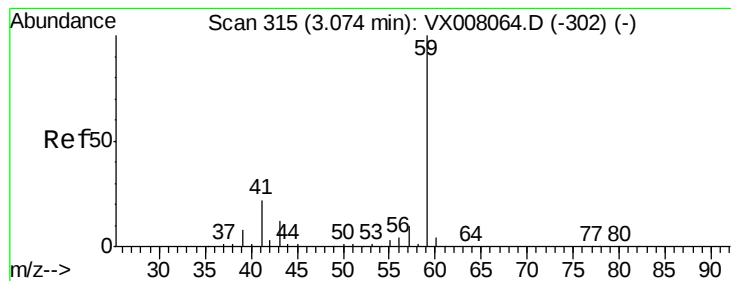
127 37.7 32.1 48.1

141 14.5 11.4 17.2



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



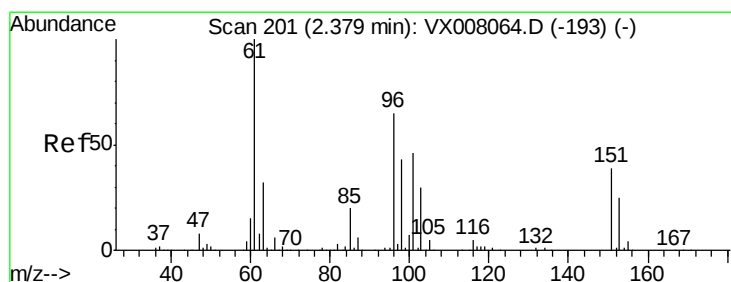
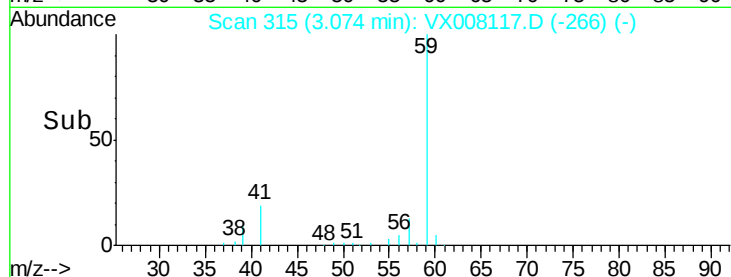
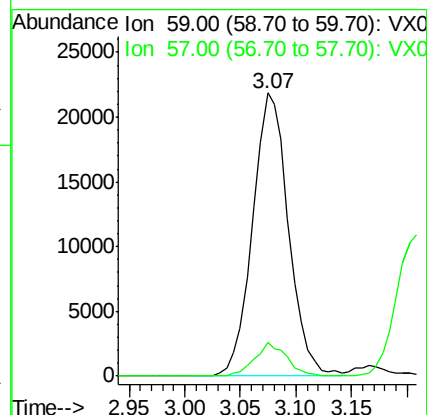
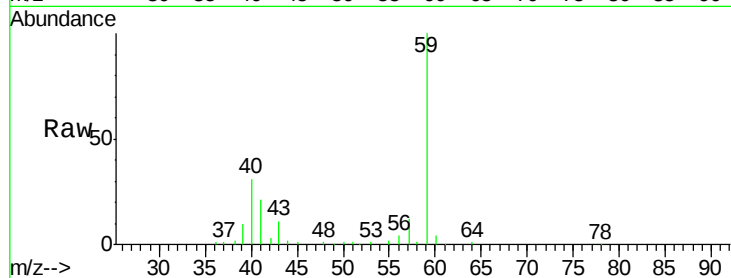


#11

Tert butyl alcohol
 Concen: 95.946 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

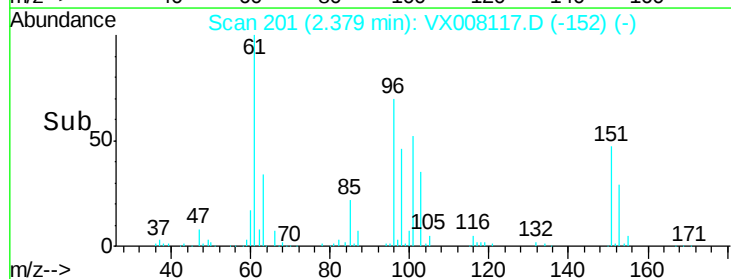
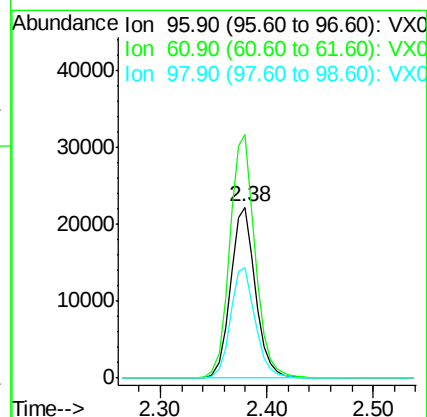
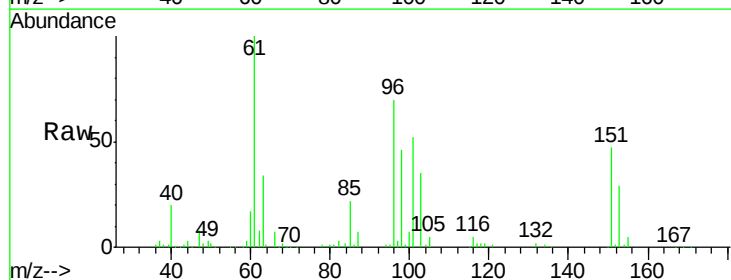
Tot Ion: 59 Resp: 49138
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.2 12.2

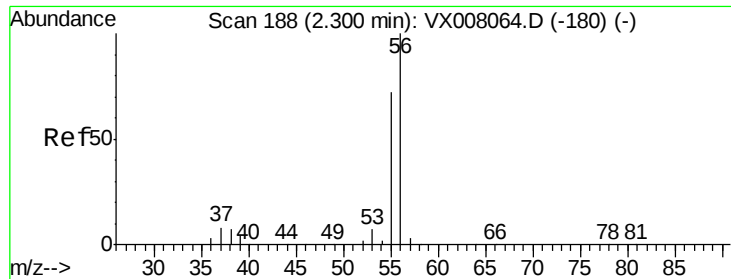


#12

1,1-Dichloroethene
 Concen: 18.178 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Tgt Ion: 96 Resp: 36421
 Ion Ratio Lower Upper
 96 100
 61 142.4 129.8 194.6
 98 64.9 51.0 76.6





#13

Acrolein

Concen: 72.982 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

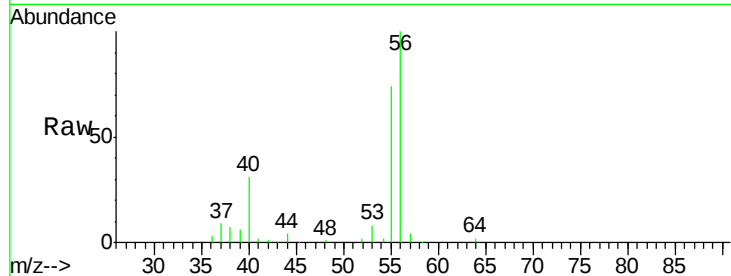
VX0315WBSD02

Tot Ion: 56 Resp: 34429

Ion Ratio Lower Upper

56 100

55 72.4 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.30

20000

15000

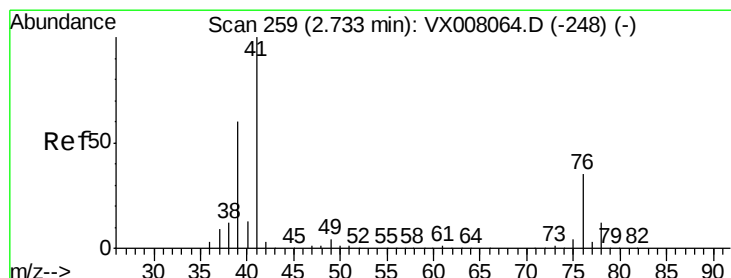
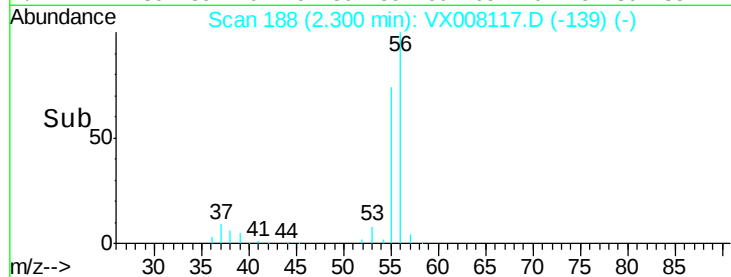
10000

5000

0

Time-->

2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 16.744 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

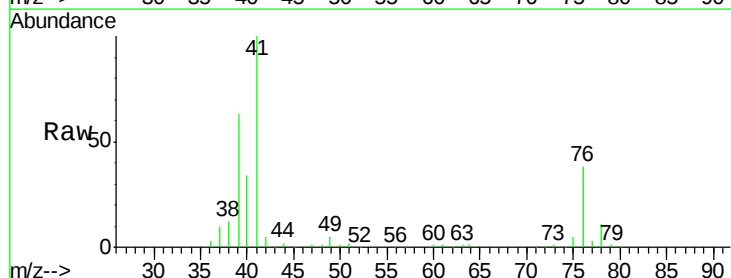
Tgt Ion: 41 Resp: 61105

Ion Ratio Lower Upper

41 100

39 59.1 46.1 69.1

76 34.6 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

50000

40000

30000

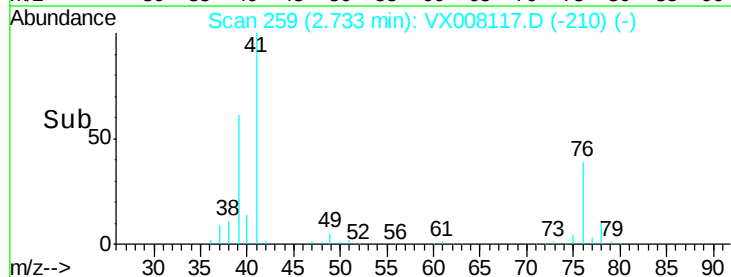
20000

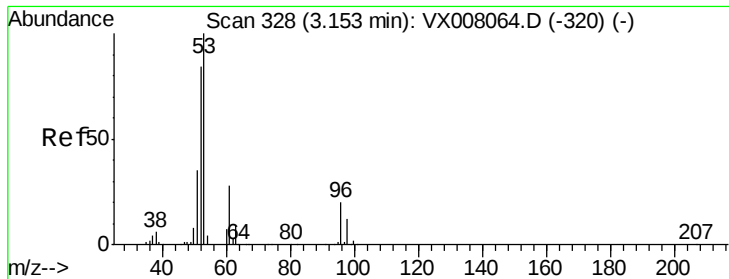
10000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 90.147 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

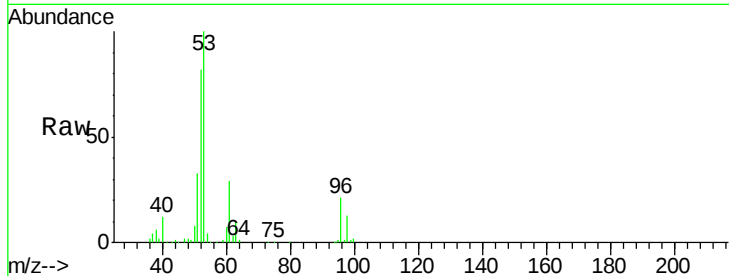
Tot Ion: 53 Resp: 112579

Ion Ratio Lower Upper

53 100

52 83.6 66.0 99.0

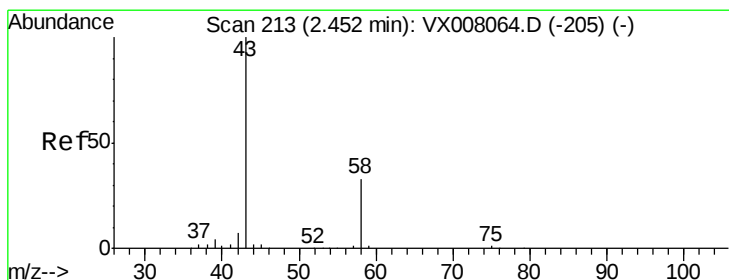
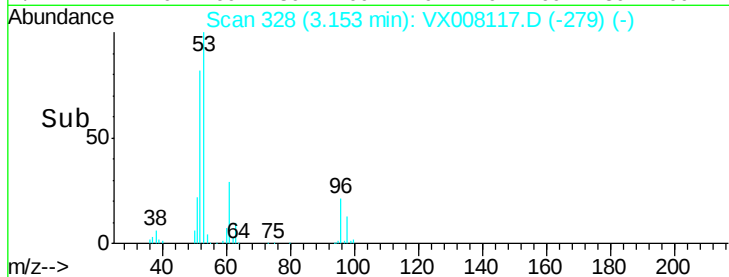
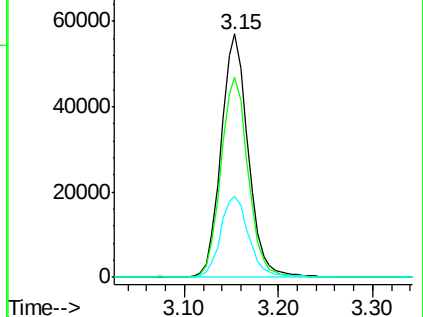
51 35.1 28.0 42.0



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: 76.370 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.00 min

Lab File: VX008117.D

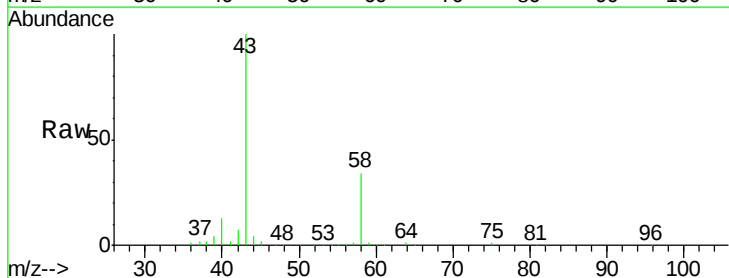
Acq: 15 Mar 2019 20:23

Tgt Ion: 43 Resp: 95575

Ion Ratio Lower Upper

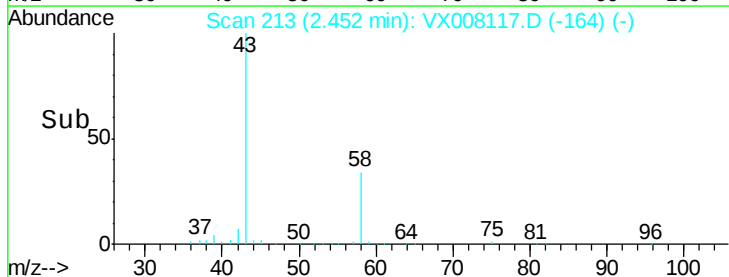
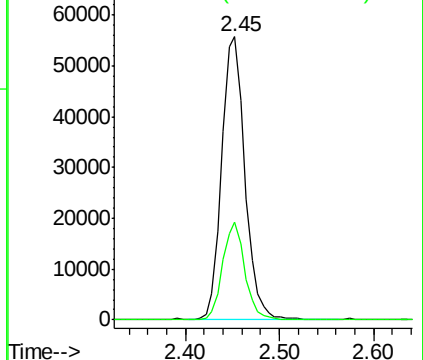
43 100

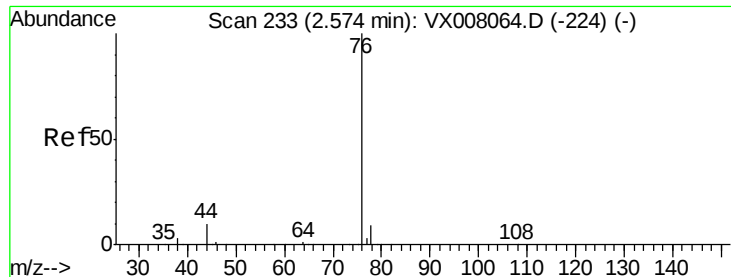
58 34.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.482 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

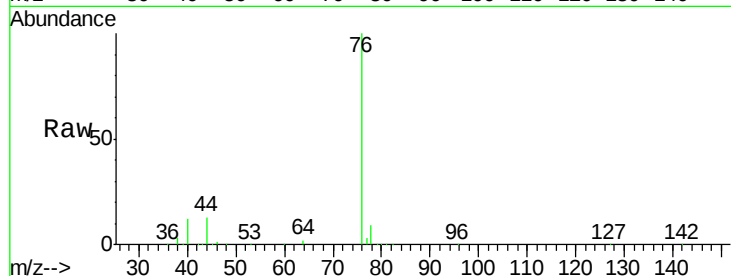
VX0315WBSD02

Tot Ion: 76 Resp: 100573

Ion Ratio Lower Upper

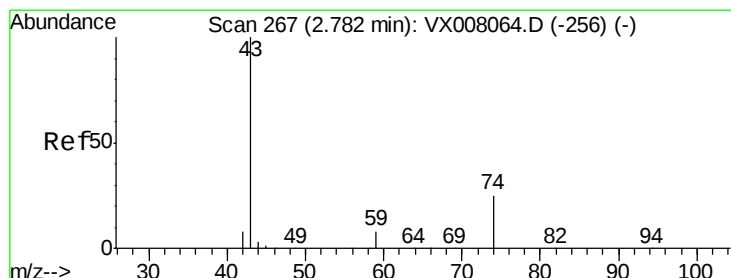
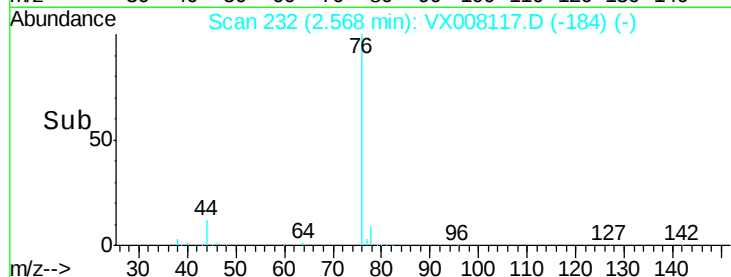
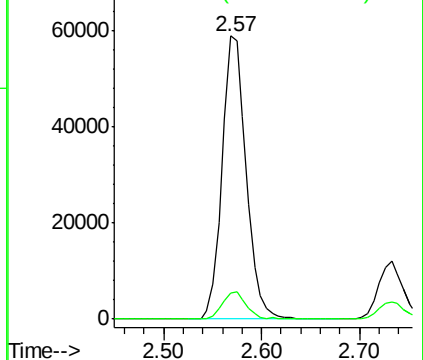
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.219 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX008117.D

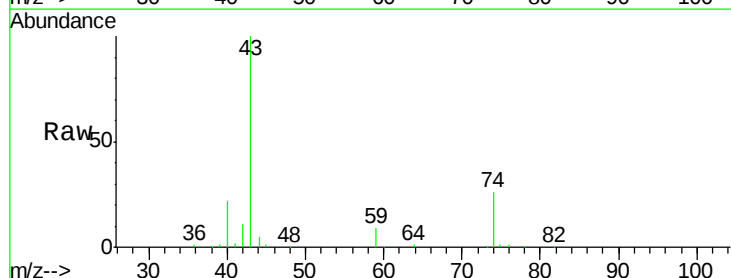
Acq: 15 Mar 2019 20:23

Tgt Ion: 43 Resp: 51985

Ion Ratio Lower Upper

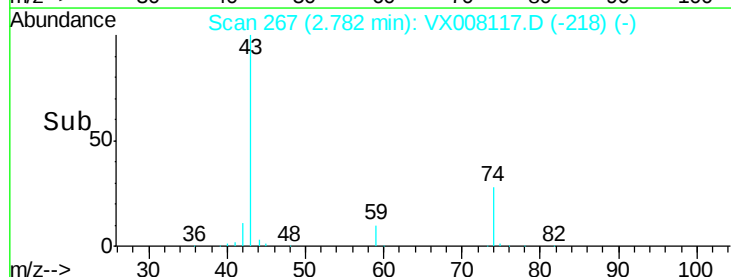
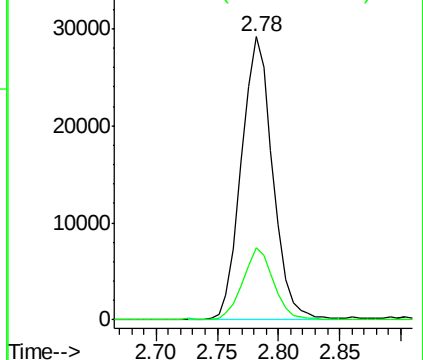
43 100

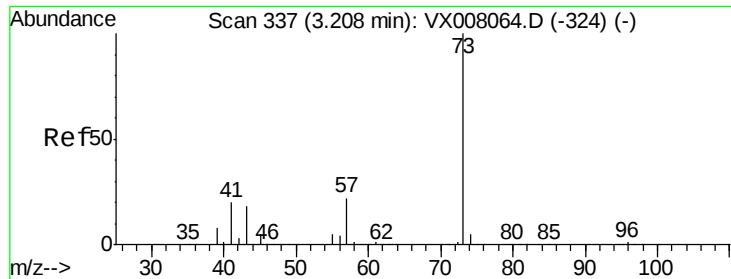
74 25.1 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

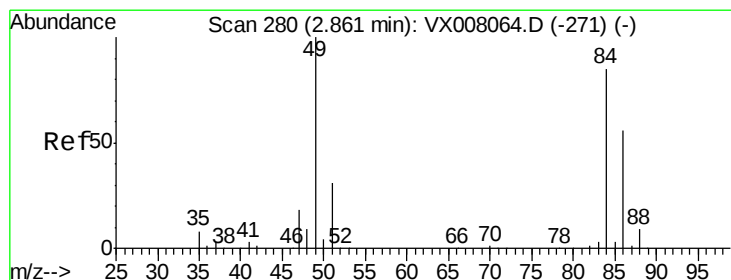
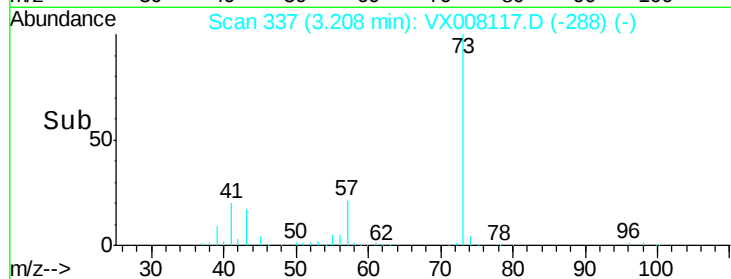
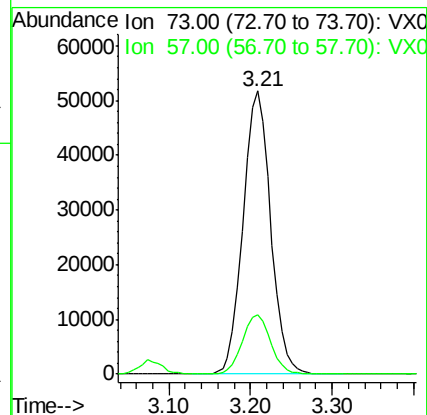
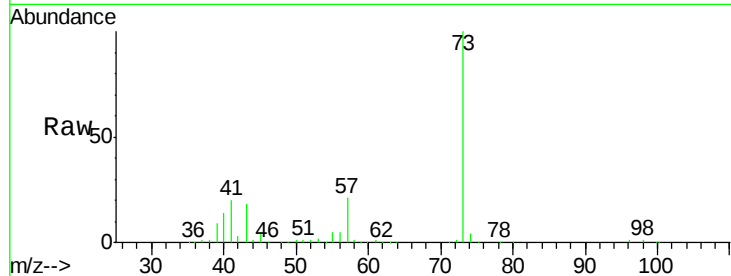




#19
Methvl tert-butvl Ether
Concen: 17.851 ug/l
RT: 3.21 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

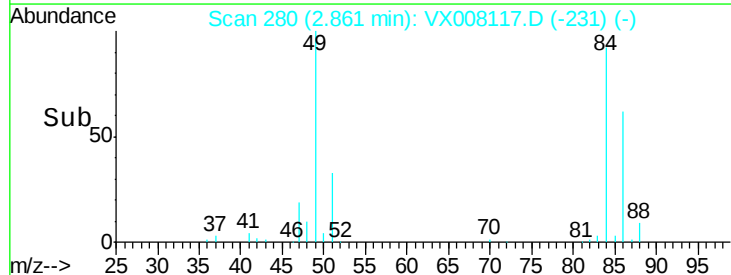
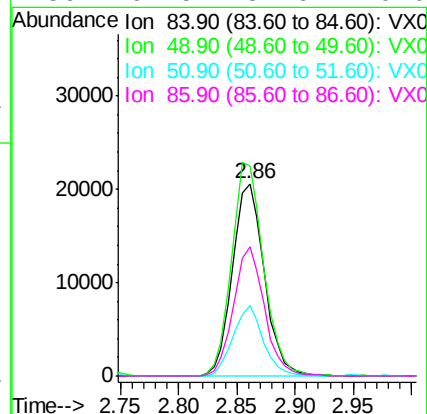
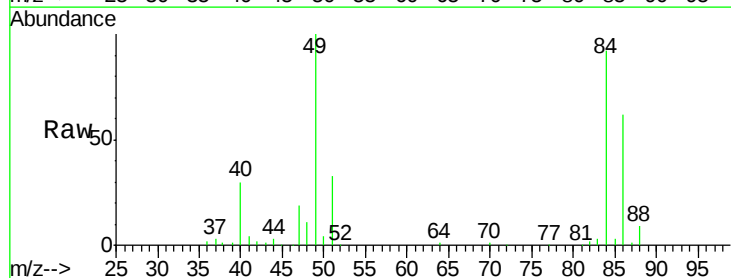
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

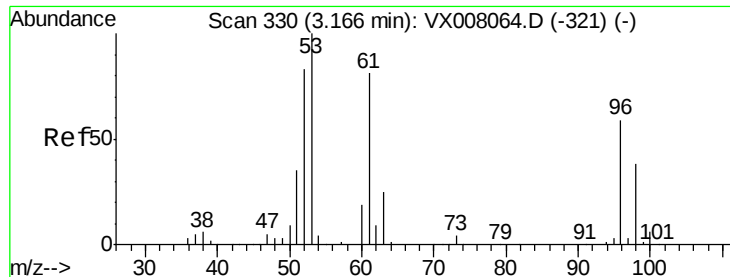
Tot Ion: 73 Resp: 120929
Ion Ratio Lower Upper
73 100
57 21.2 18.2 27.4



#20
Methylene Chloride
Concen: 17.608 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 84 Resp: 39356
Ion Ratio Lower Upper
84 100
49 109.1 99.3 148.9
51 36.4 31.3 46.9
86 67.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 17.947 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

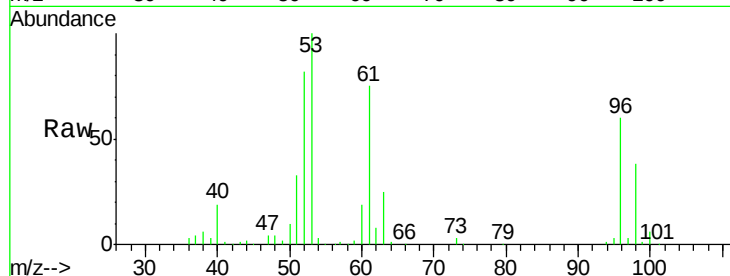
Tot Ion: 96 Resp: 38744

Ion Ratio Lower Upper

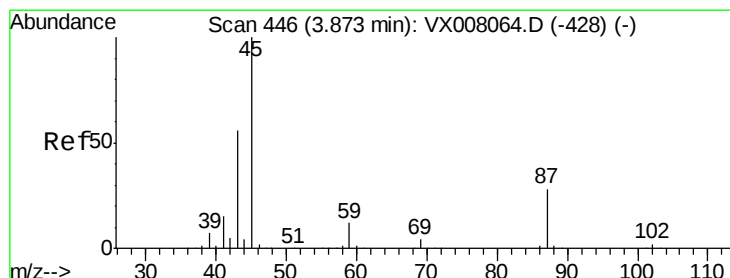
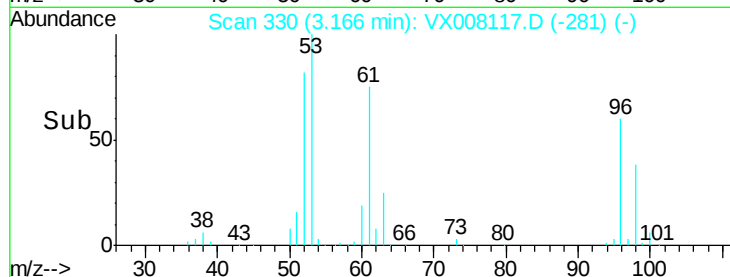
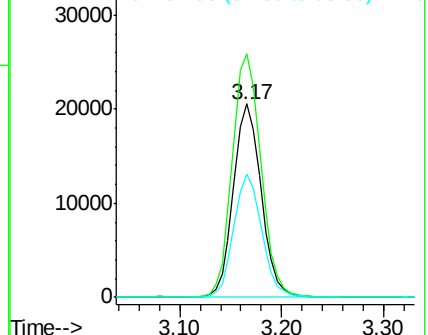
96 100

61 125.8 114.4 171.6

98 63.6 51.1 76.7



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: 17.514 ug/l

RT: 3.88 min Scan# 447

Delta R.T. 0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Tgt Ion: 45 Resp: 127021

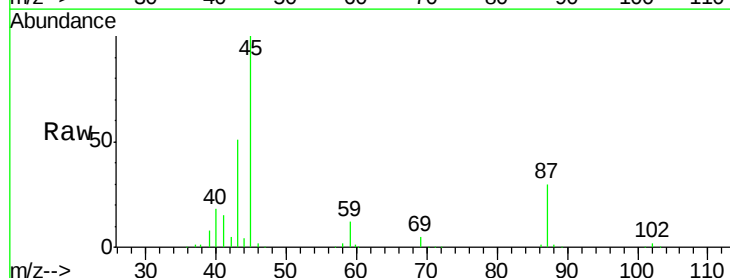
Ion Ratio Lower Upper

45 100

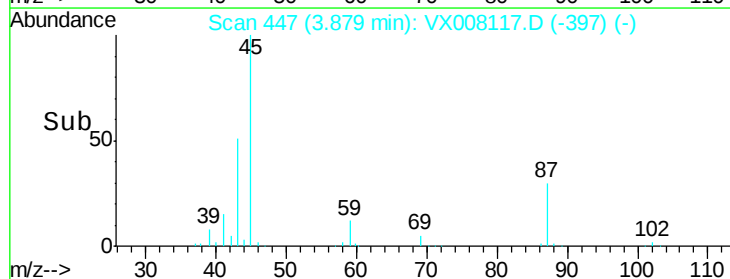
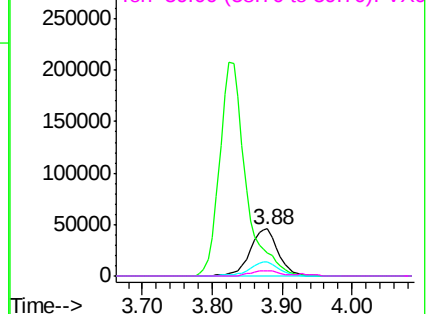
43 50.4 45.3 67.9

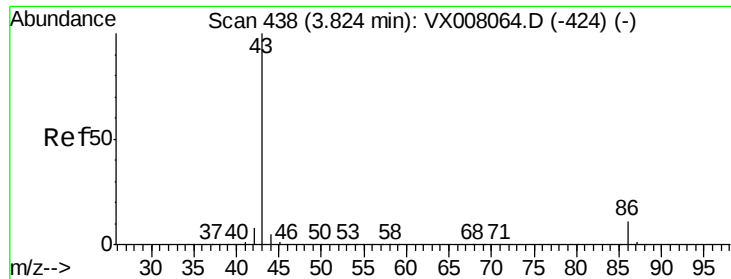
87 29.7 21.4 32.0

59 12.3 9.5 14.3



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: 87.556 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

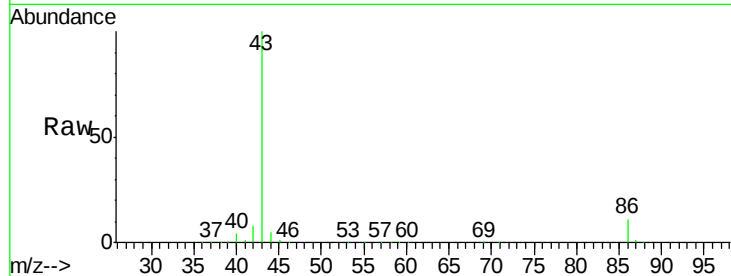
VX0315WBSD02

Tot Ion: 43 Resp: 540050

Ion Ratio Lower Upper

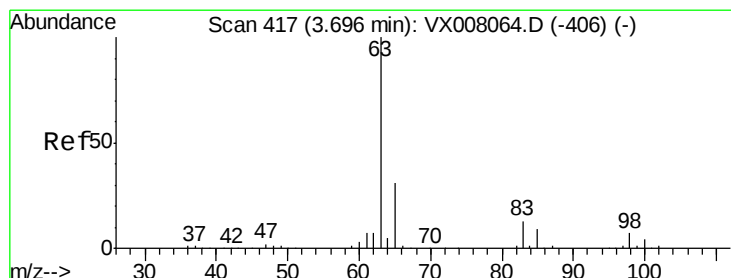
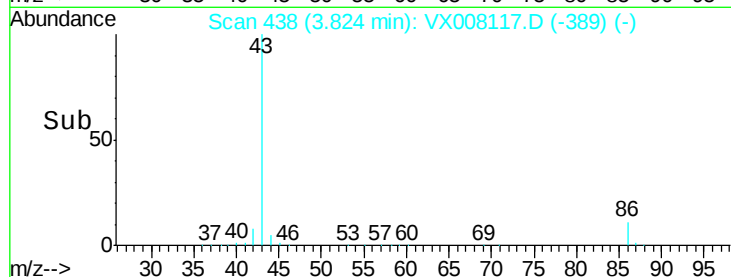
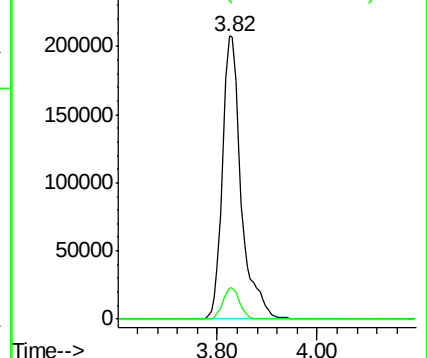
43 100

86 11.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.993 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

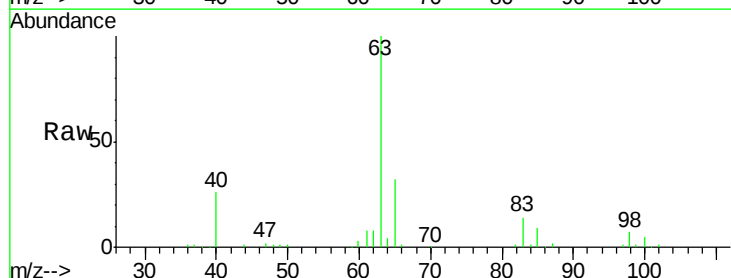
Tgt Ion: 63 Resp: 71533

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

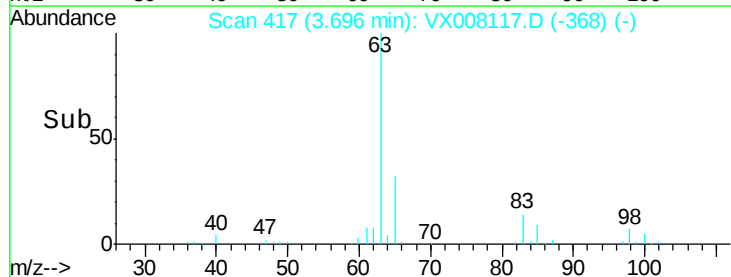
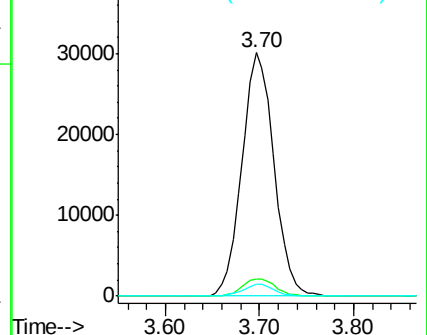
100 5.1 2.3 6.8

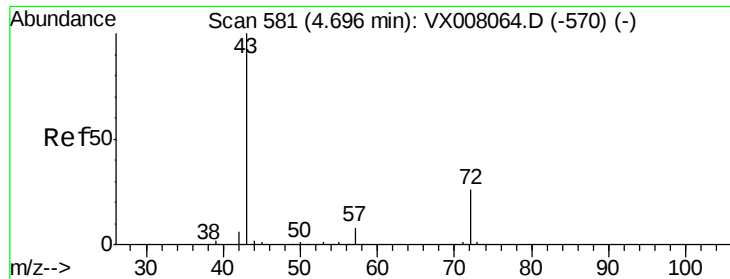


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.733 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

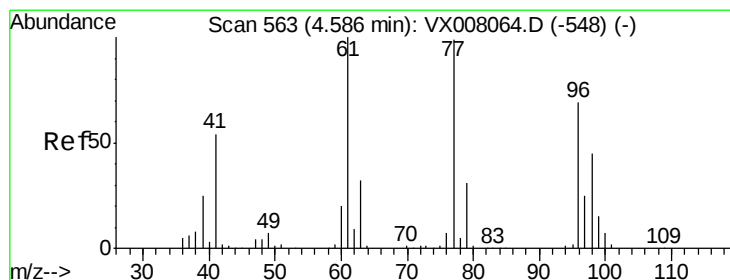
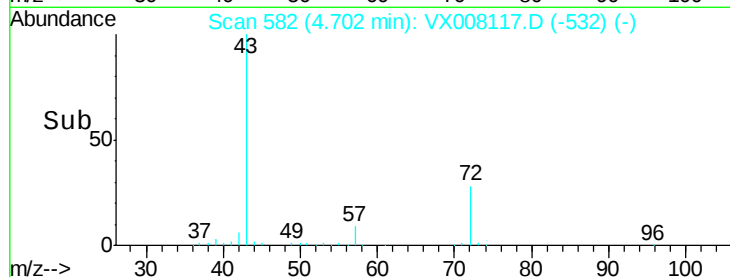
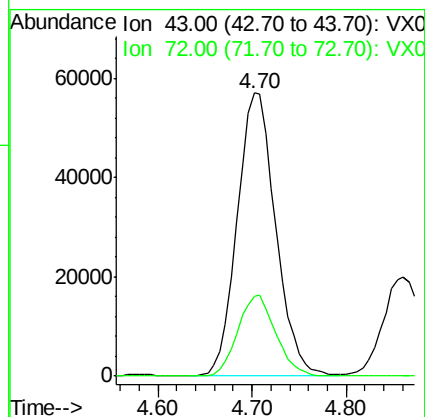
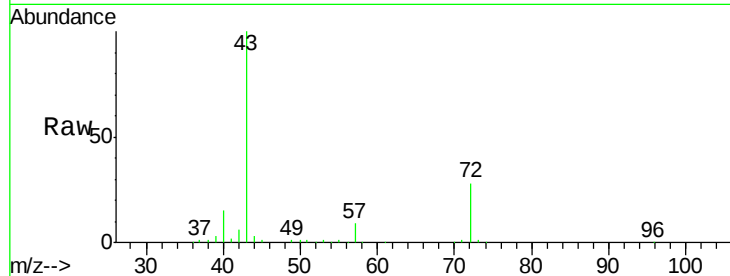
VX0315WBSD02

Tot Ion: 43 Resp: 162767

Ion Ratio Lower Upper

43 100

72 28.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 15.611 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008117.D

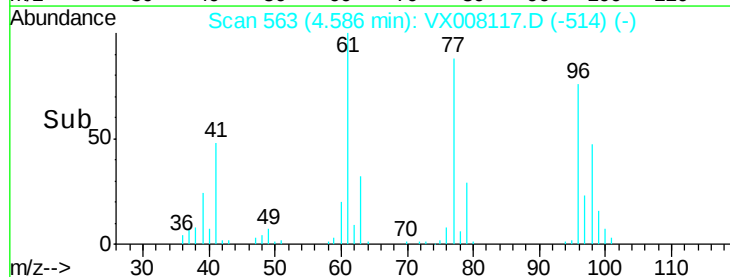
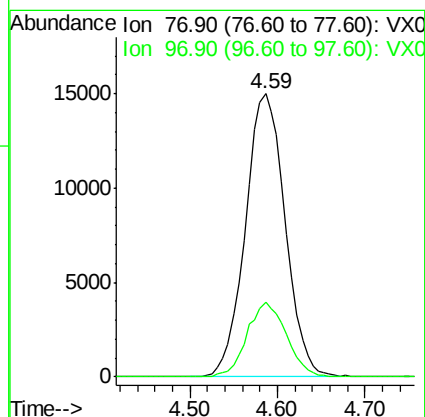
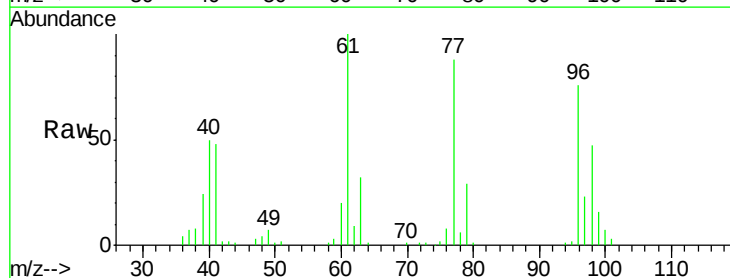
Acq: 15 Mar 2019 20:23

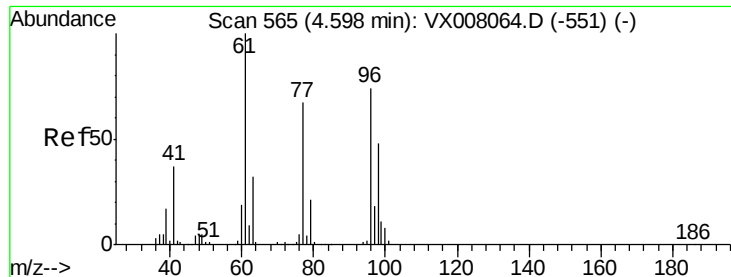
Tgt Ion: 77 Resp: 47415

Ion Ratio Lower Upper

77 100

97 25.9 12.2 36.6



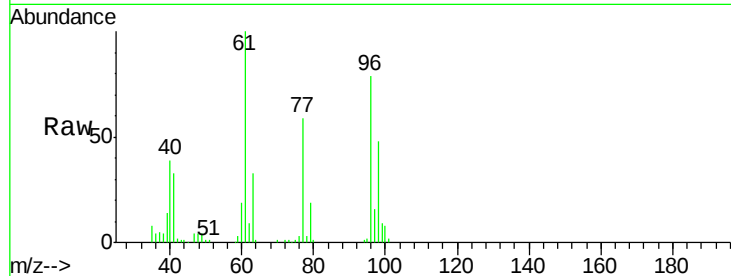


#27

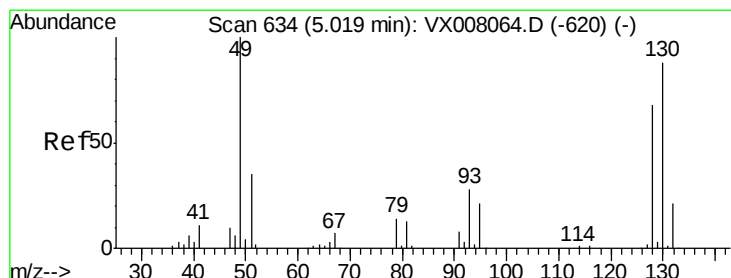
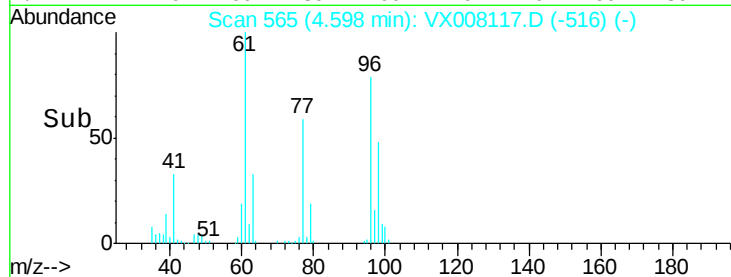
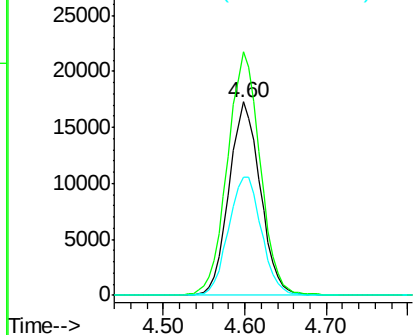
cis-1,2-Dichloroethene
 Concen: 17.884 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

Tot Ion: 96 Resp: 45894
 Ion Ratio Lower Upper
 96 100
 61 131.3 0.0 288.0
 98 64.4 0.0 129.0



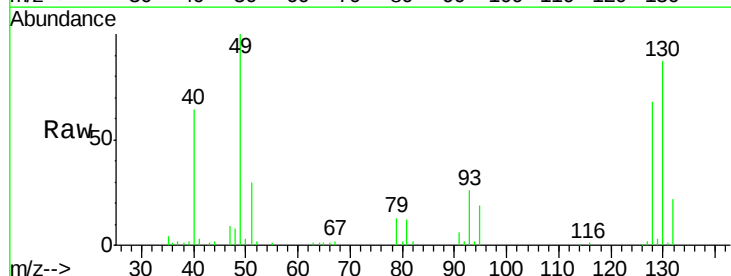
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



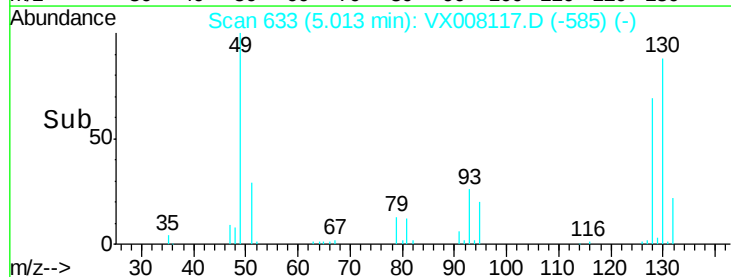
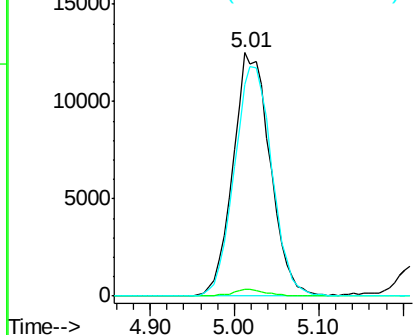
#28

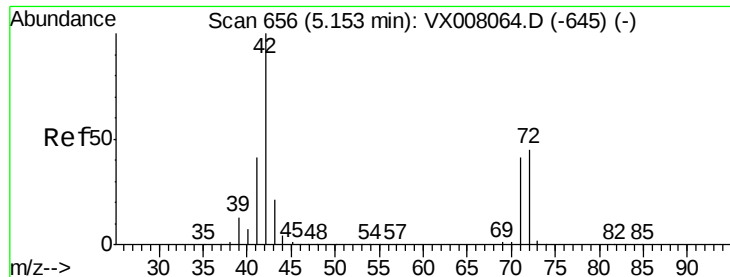
Bromochloromethane
 Concen: 19.831 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Tgt Ion: 49 Resp: 37237
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 95.8 65.0 97.4



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

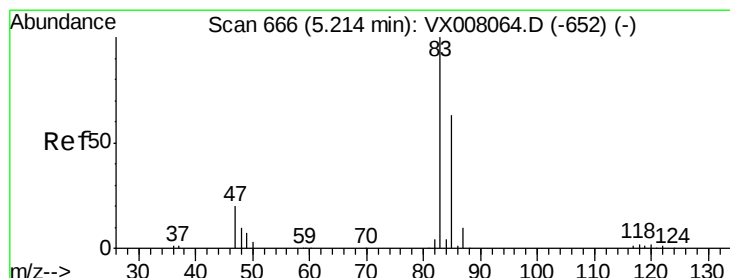
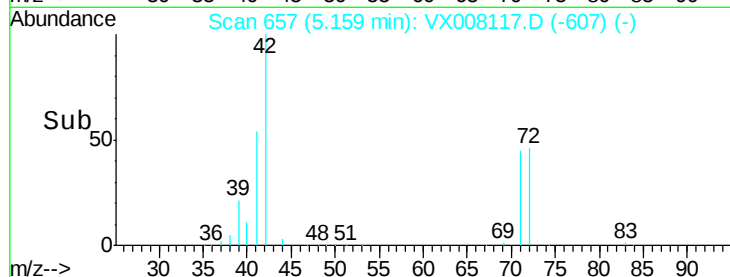
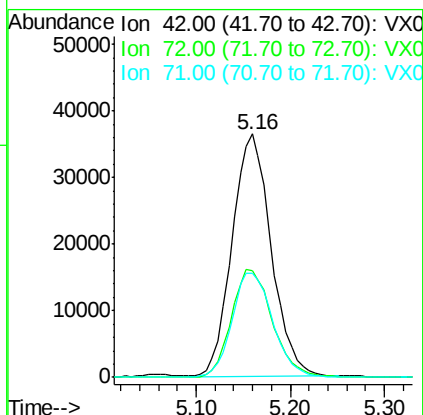
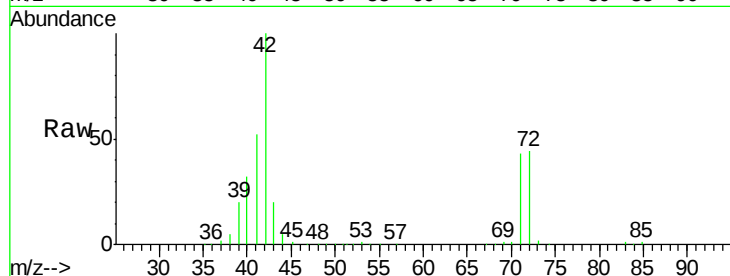




#29
Tetrahydrofuran
Concen: 88.190 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

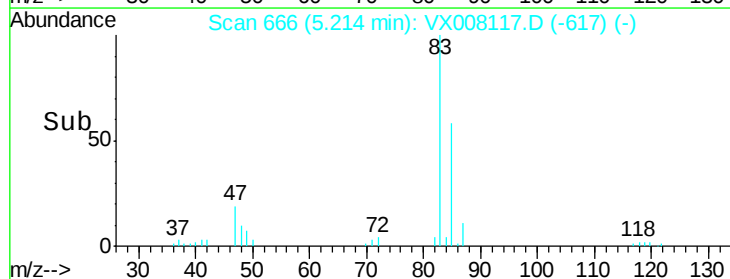
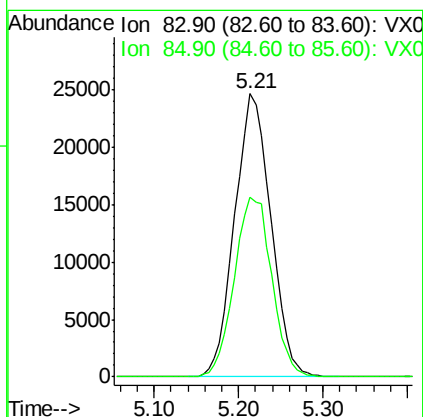
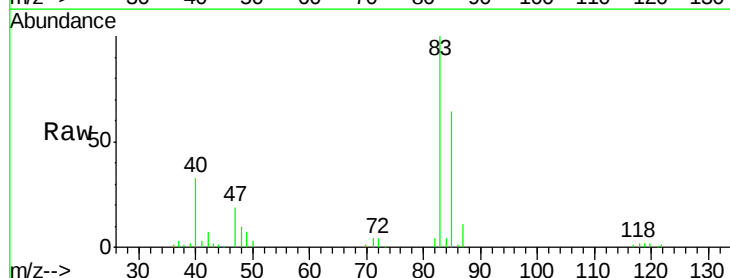
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

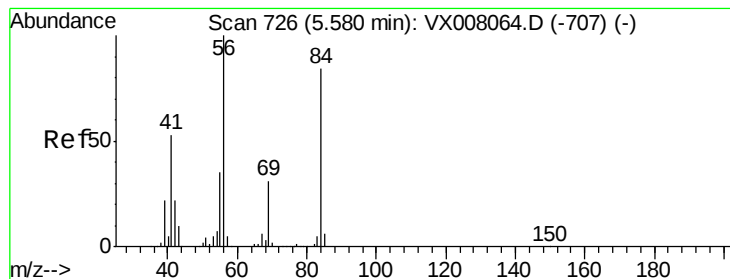
Tot Ion: 42 Resp: 105754
Ion Ratio Lower Upper
42 100
72 46.7 33.8 50.6
71 44.8 31.5 47.3



#30
Chloroform
Concen: 17.838 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 83 Resp: 71835
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.6





#31

Cyclohexane

Concen: 16.533 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

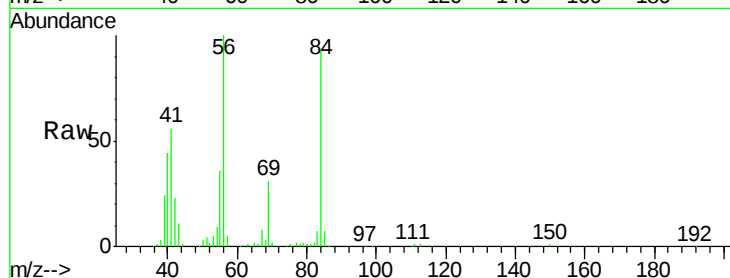
Tot Ion: 56 Resp: 62666

Ion Ratio Lower Upper

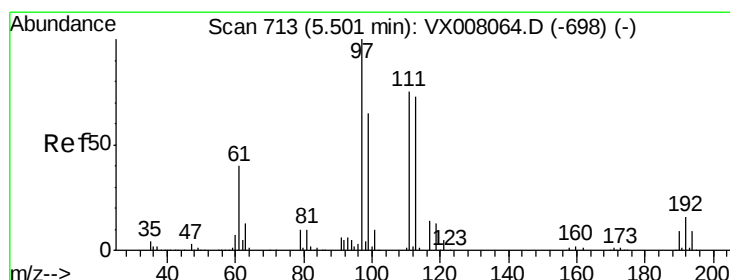
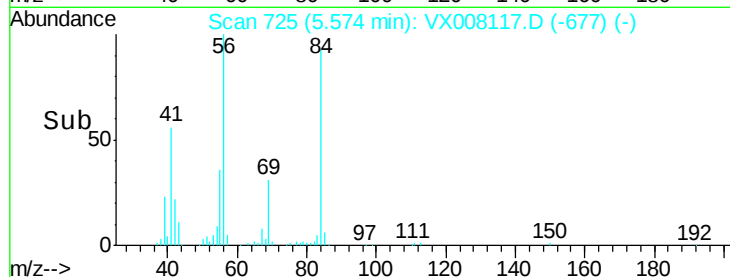
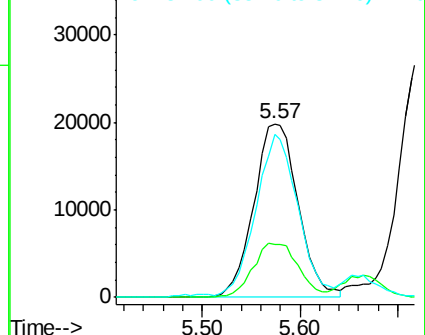
56 100

69 30.8 24.0 36.0

84 92.4 65.3 97.9



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: 17.884 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

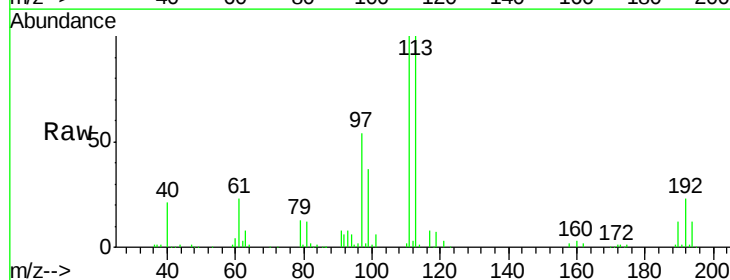
Tgt Ion: 97 Resp: 60664

Ion Ratio Lower Upper

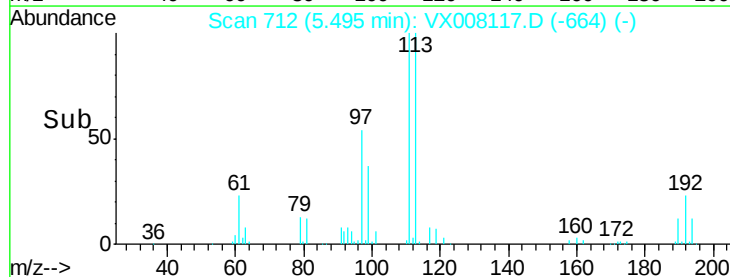
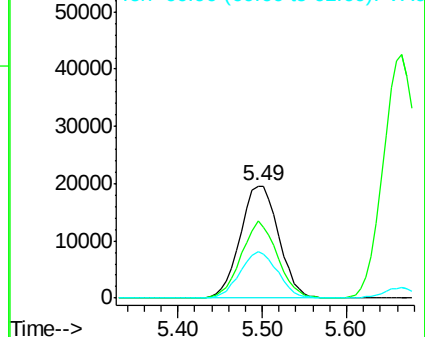
97 100

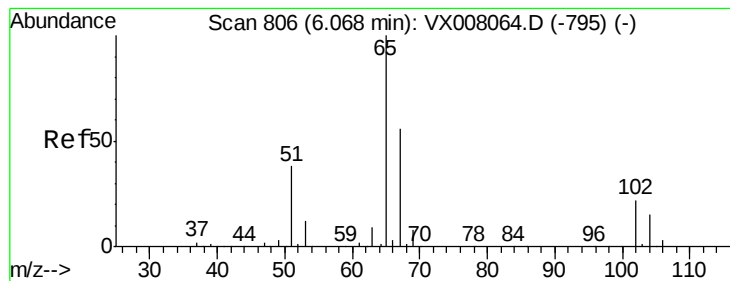
99 64.4 52.2 78.2

61 40.4 34.9 52.3



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: 46.645 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

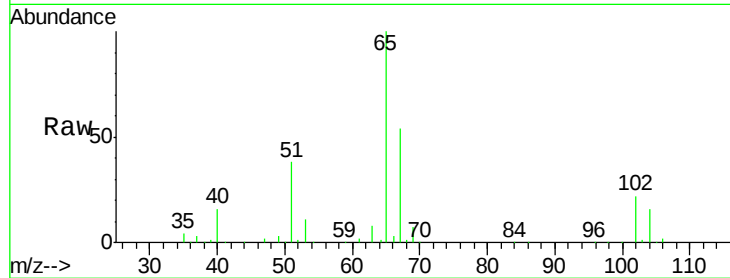
VX0315WBSD02

Tot Ion: 65 Resp: 123649

Ion Ratio Lower Upper

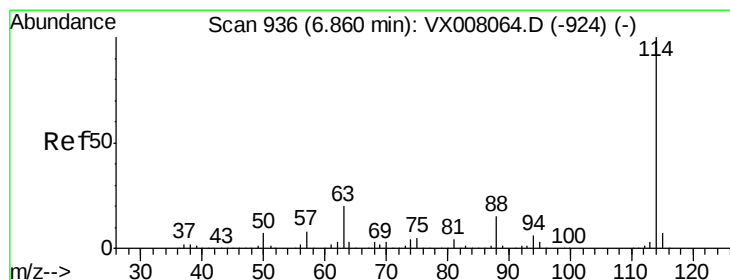
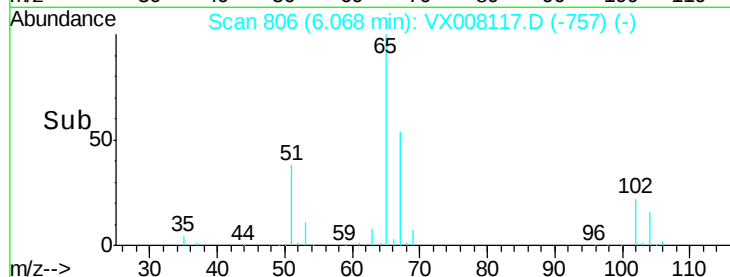
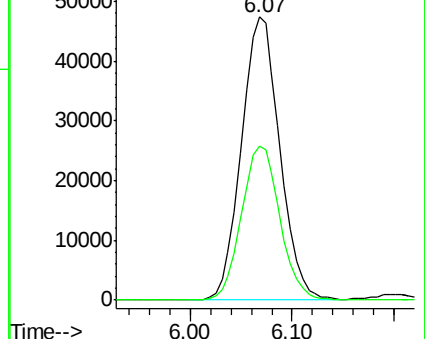
65 100

67 54.2 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

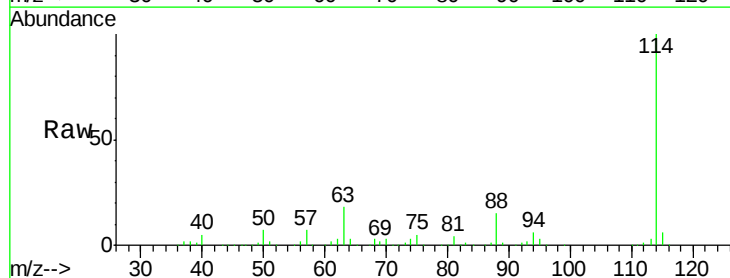
Tgt Ion: 114 Resp: 368775

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.8

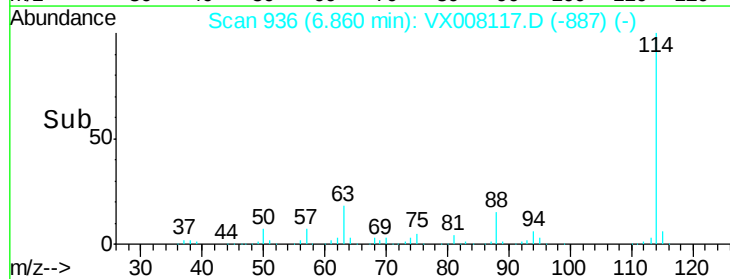
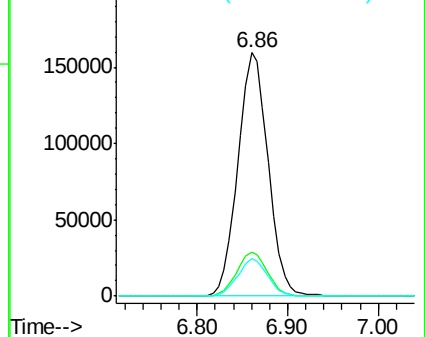
88 15.3 0.0 31.4

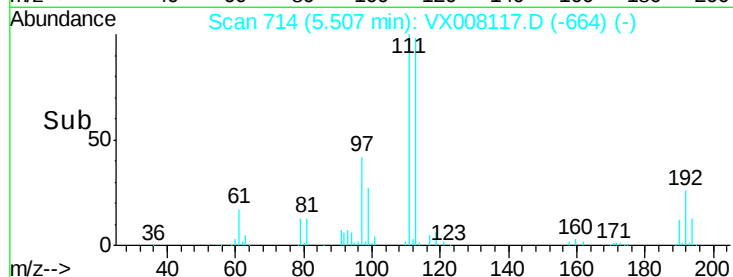
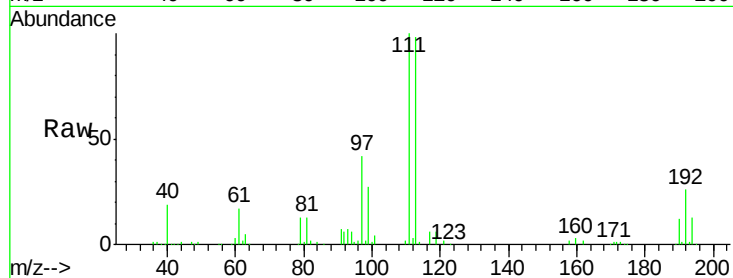
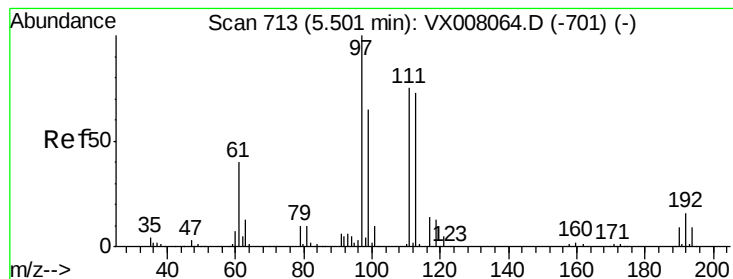


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.962 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

VX0315WBSD02

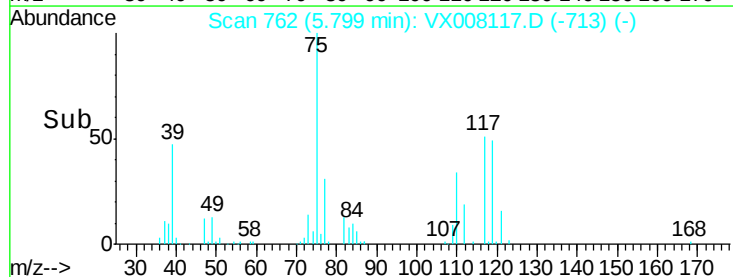
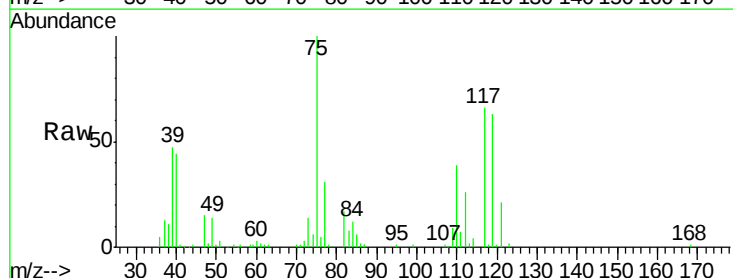
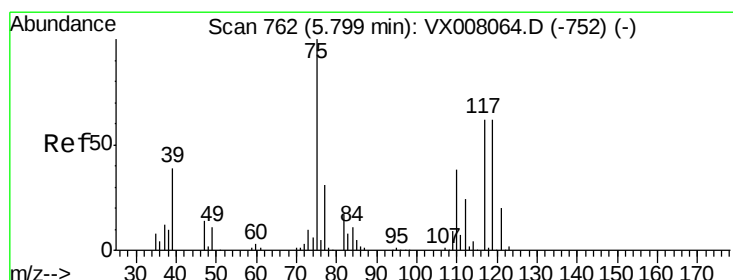
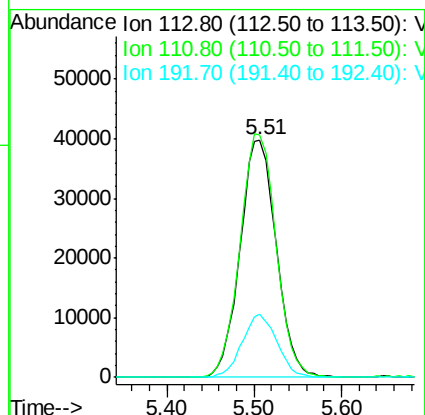
Tot Ion:113 Resp: 114501

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 25.6 19.4 29.0



#36

1,1-Dichloropropene

Concen: 17.362 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

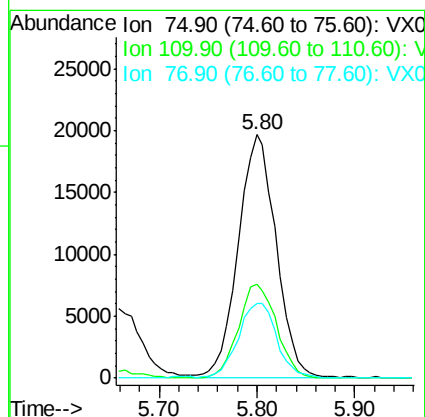
Tgt Ion: 75 Resp: 52673

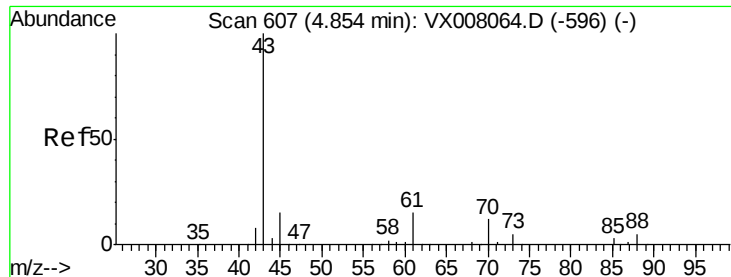
Ion Ratio Lower Upper

75 100

110 39.0 18.4 55.0

77 31.5 25.0 37.4

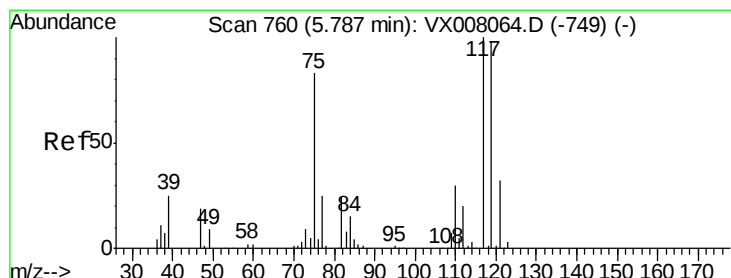
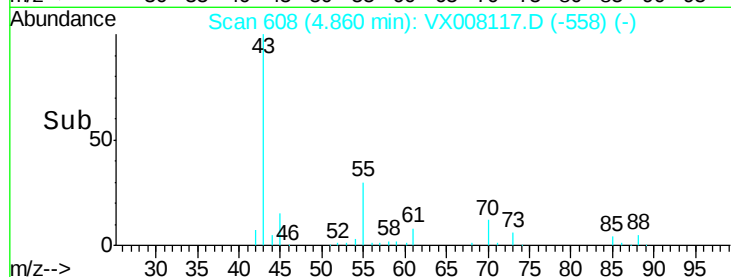
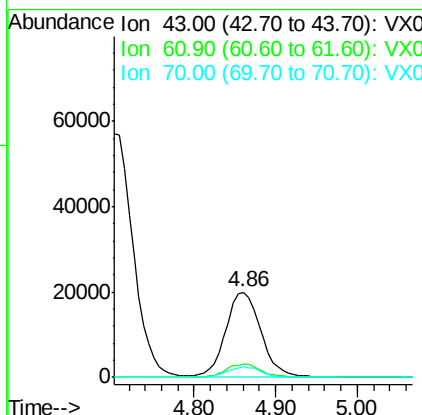
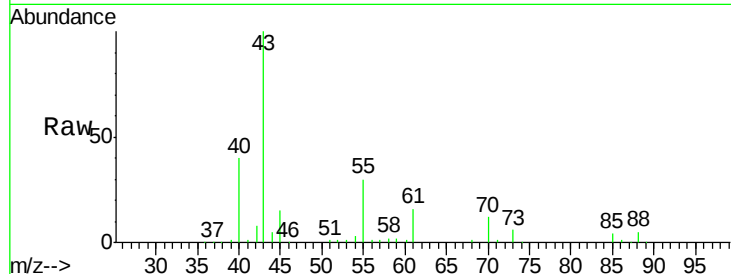




#37
Ethyl Acetate
Concen: 18.232 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

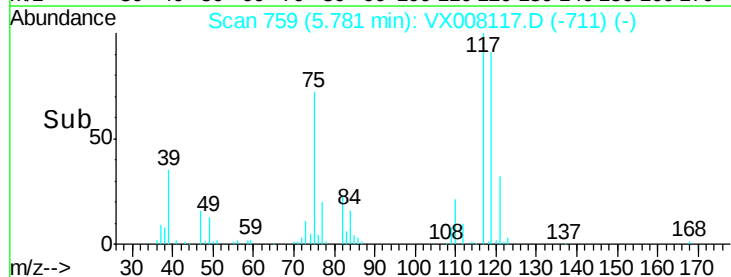
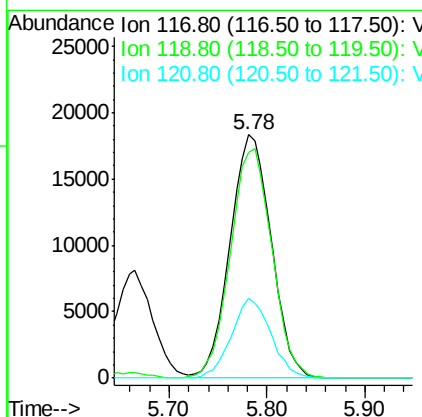
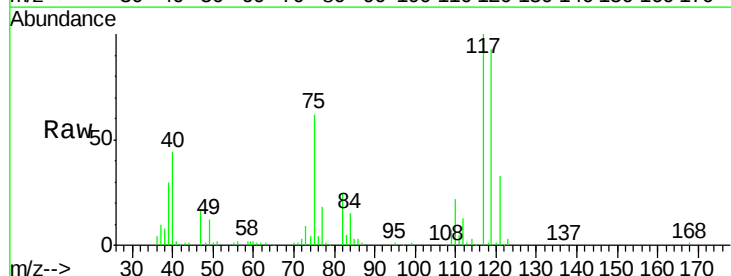
Instrument :
MSVOA_X
ClientSampled :
VX0315WBSD02

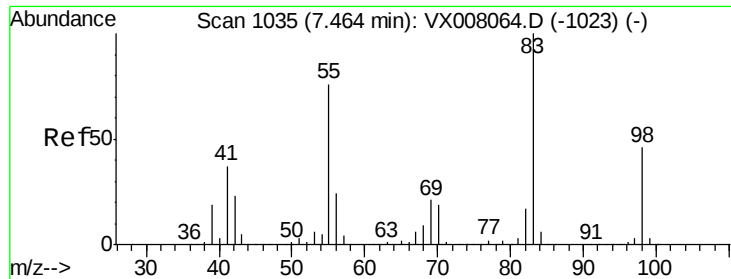
Tot Ion: 43 Resp: 59449
Ion Ratio Lower Upper
43 100
61 15.6 11.3 16.9
70 11.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 18.385 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 117 Resp: 53686
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.2
121 32.7 24.6 36.8

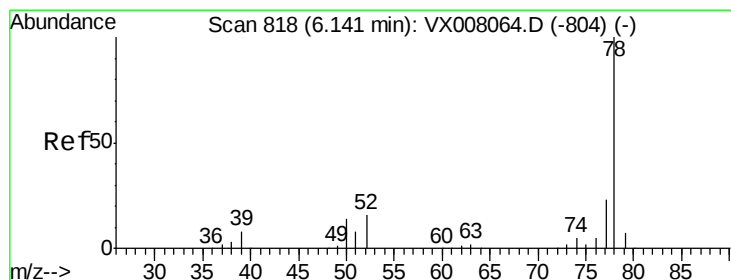
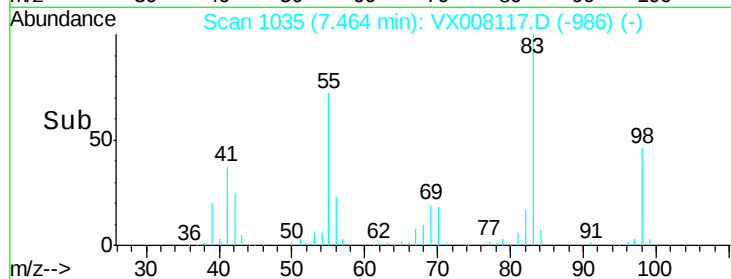
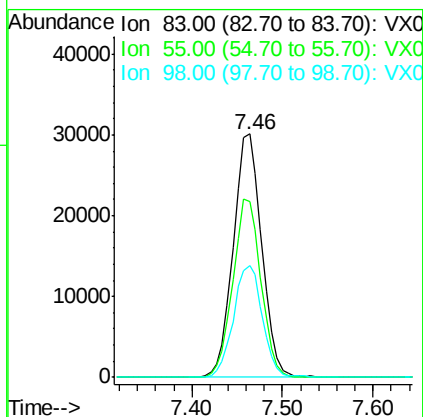
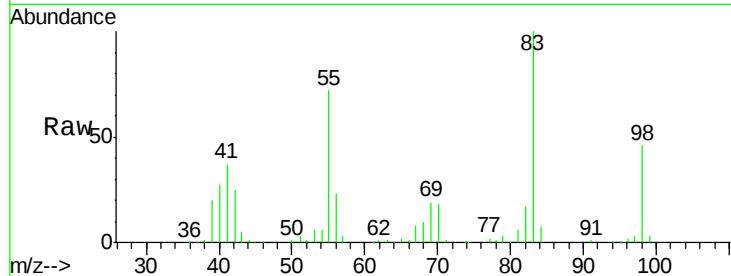




#39
Methvlcvclohexane
Concen: 16.874 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

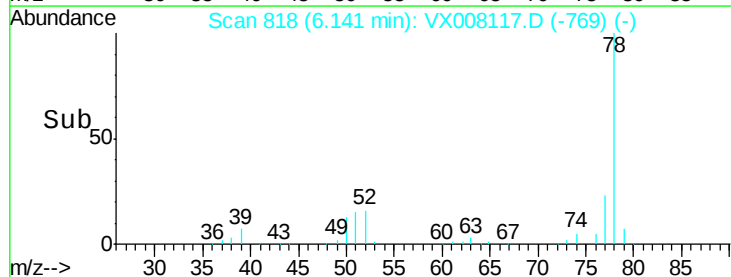
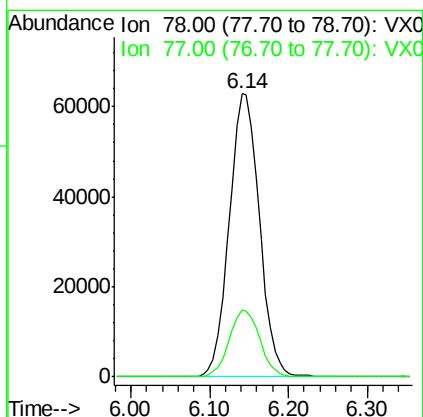
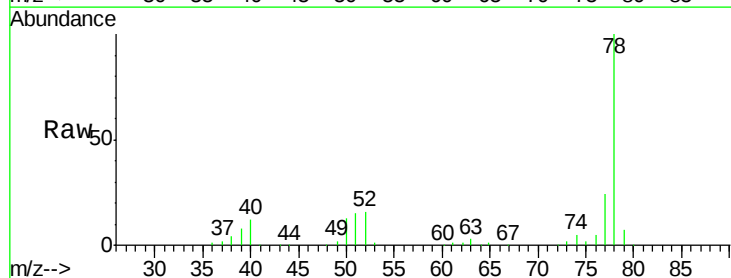
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

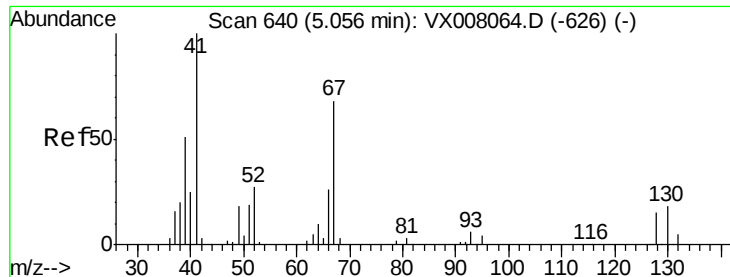
Tot Ion	83	Resp	65437
Ion Ratio	100	Lower	Upper
55	72.1	60.4	90.6
98	45.7	36.5	54.7



#40
Benzene
Concen: 18.029 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion	78	Resp	167564
Ion Ratio	100	Lower	Upper
77	23.6	19.0	28.4

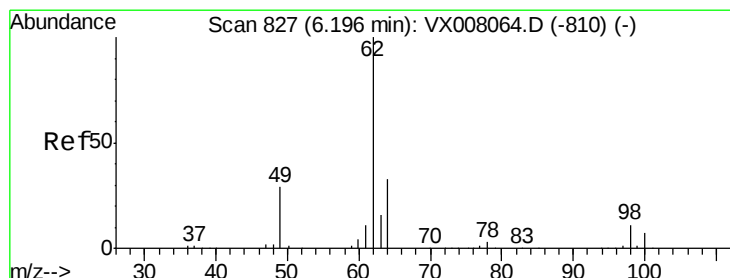
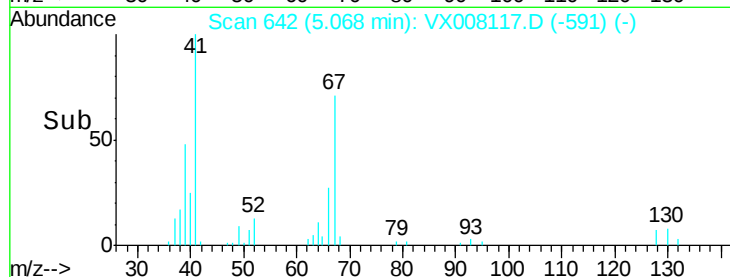
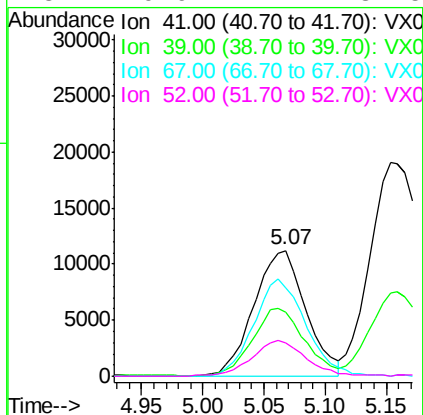
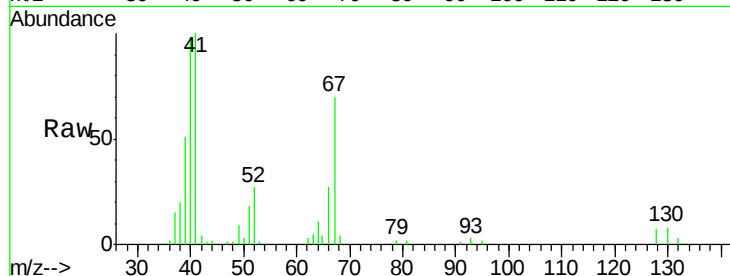




#41
Methacrylonitrile
Concen: 17.482 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

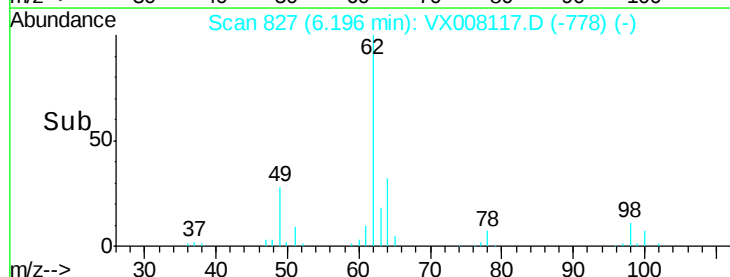
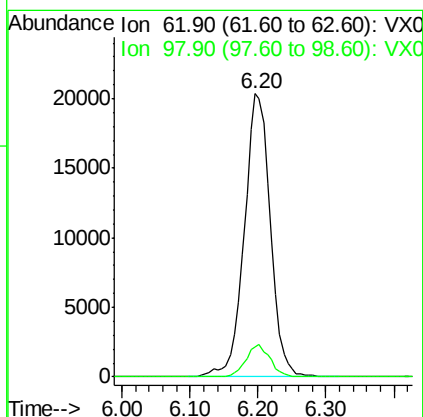
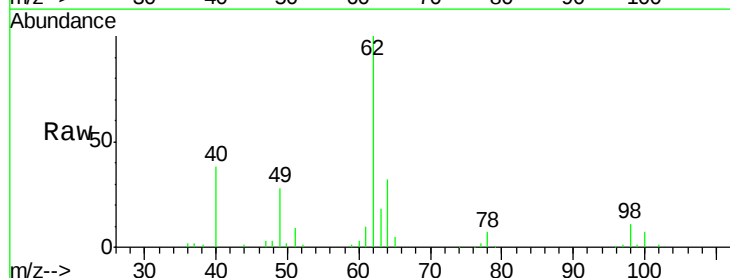
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

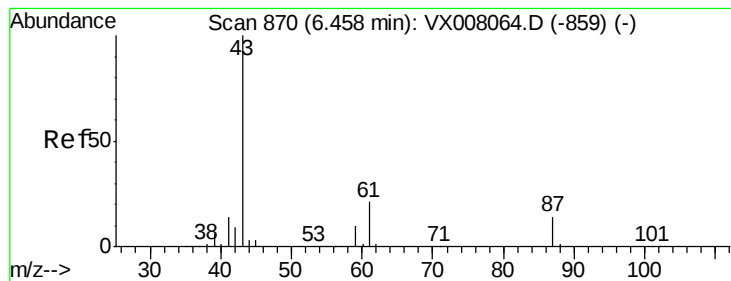
Tot Ion:	41	Resp:	33188
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.6	62.4
67	77.2	55.8	83.6
52	29.9	21.7	32.5



#42
1,2-Dichloroethane
Concen: 18.270 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion:	62	Resp:	54319
Ion	Ratio	Lower	Upper
62	100		
98	10.6	0.0	20.4





#43

Isopropyl Acetate

Concen: 17.109 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

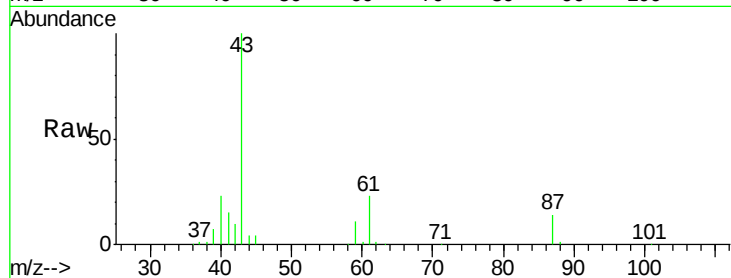
Tot Ion: 43 Resp: 89843

Ion Ratio Lower Upper

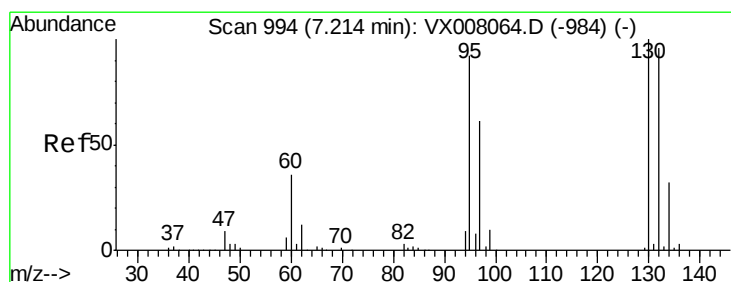
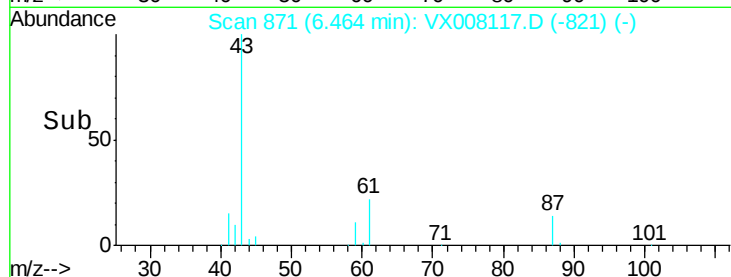
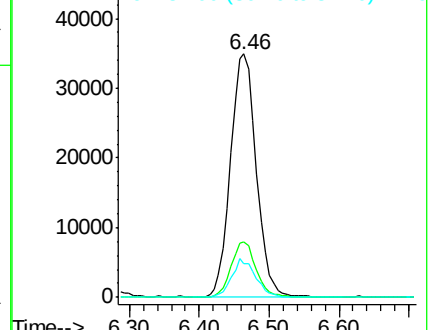
43 100

61 21.8 16.3 24.5

87 14.6 10.5 15.7



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: 17.892 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008117.D

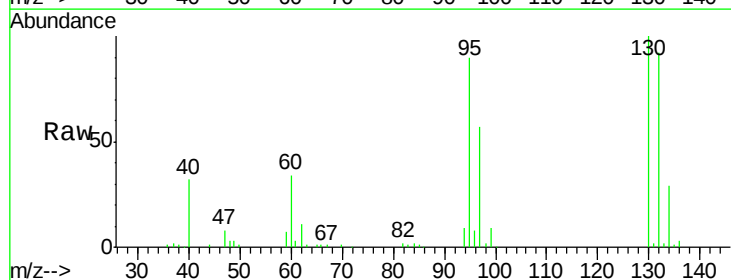
Acq: 15 Mar 2019 20:23

Tgt Ion: 130 Resp: 47991

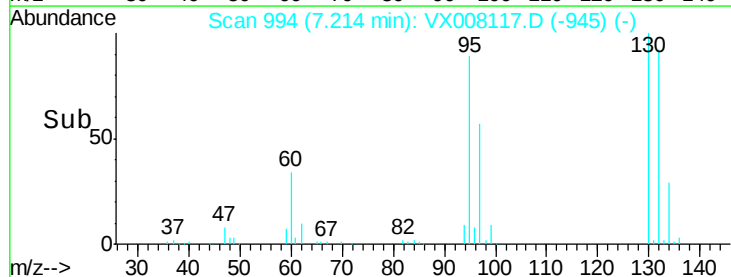
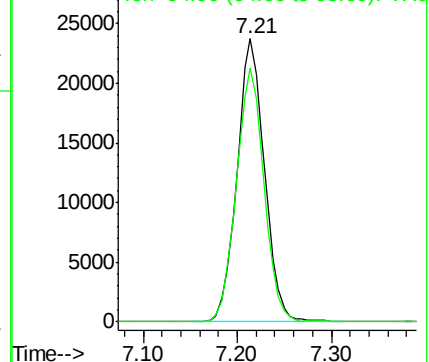
Ion Ratio Lower Upper

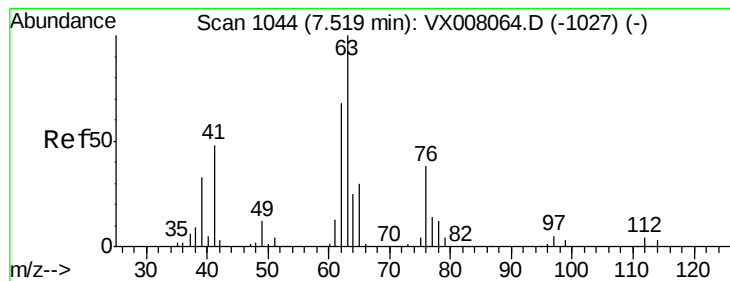
130 100

95 89.6 0.0 188.0



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





#45

1,2-Dichloropropane

Concen: 17.416 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

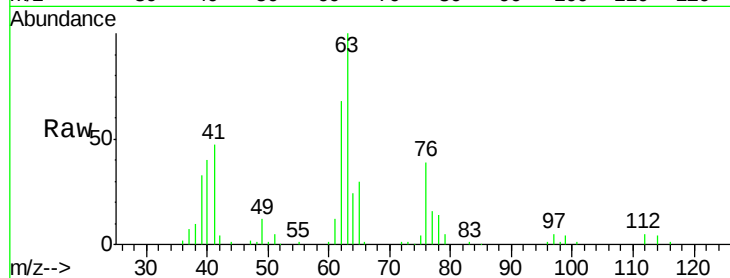
VX0315WBSD02

Tot Ion: 63 Resp: 42704

Ion Ratio Lower Upper

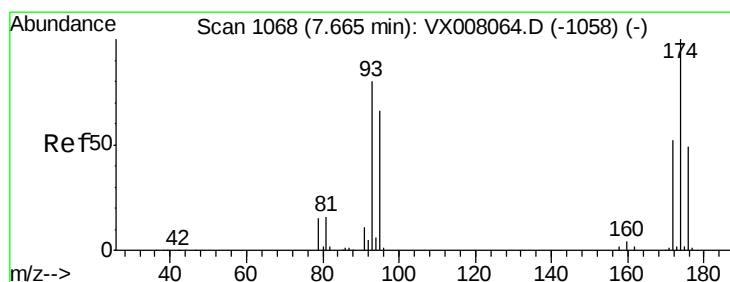
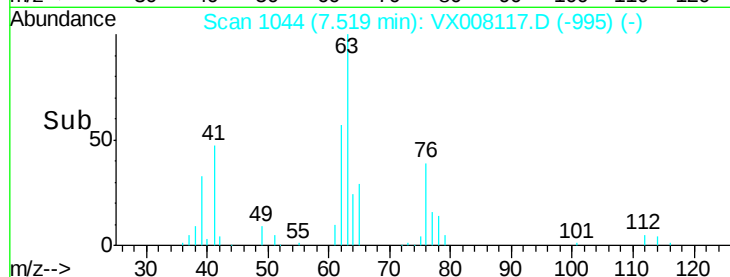
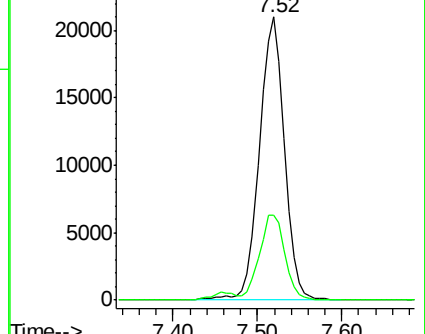
63 100

65 30.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.609 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

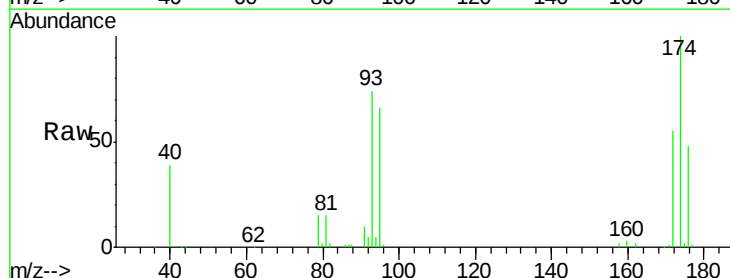
Tgt Ion: 93 Resp: 28599

Ion Ratio Lower Upper

93 100

95 84.2 66.8 100.2

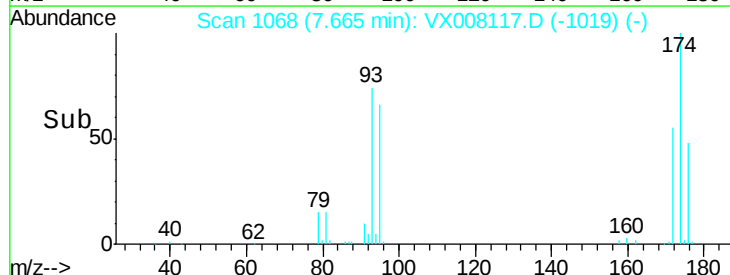
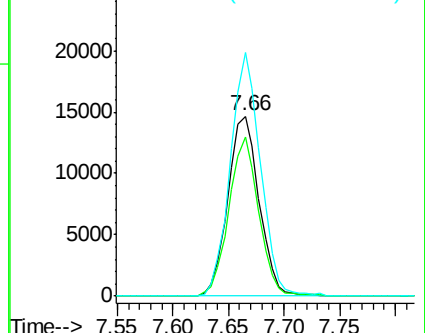
174 130.2 97.3 145.9

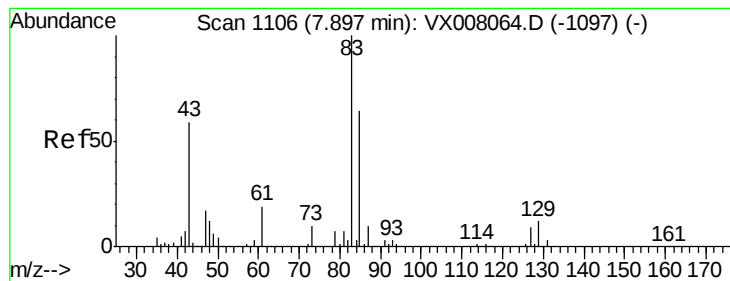


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.584 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

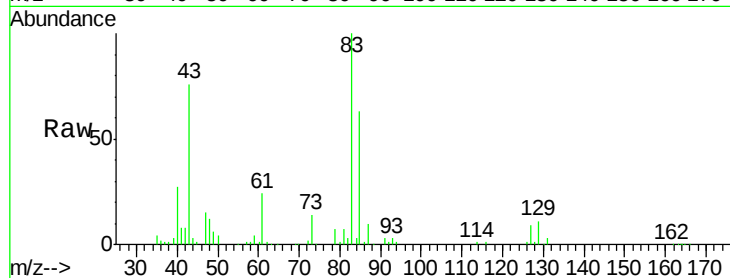
Tot Ion: 83 Resp: 51393

Ion Ratio Lower Upper

83 100

85 62.8 50.9 76.3

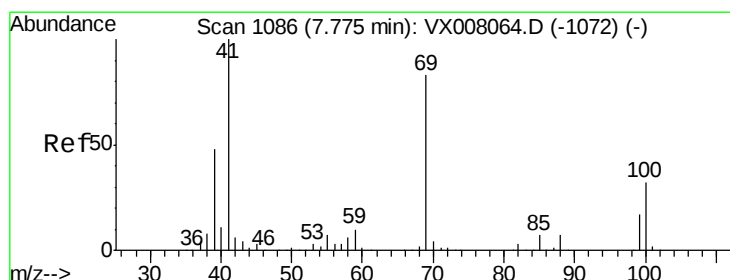
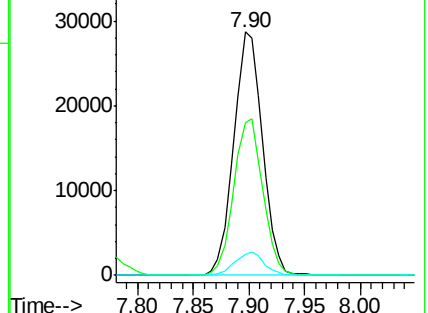
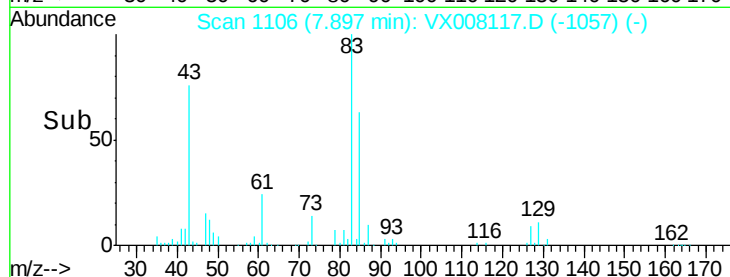
127 8.8 7.4 11.0



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: 17.528 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

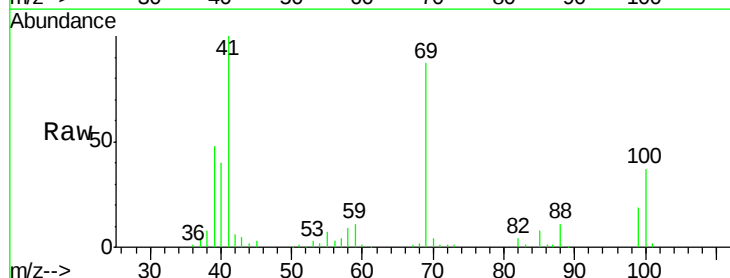
Tgt Ion: 41 Resp: 48070

Ion Ratio Lower Upper

41 100

69 87.5 65.2 97.8

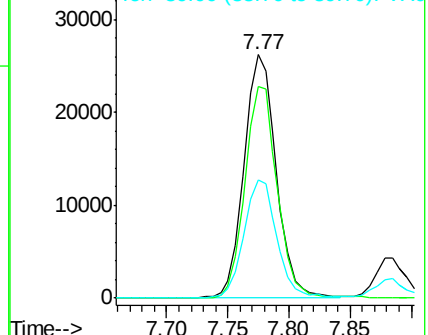
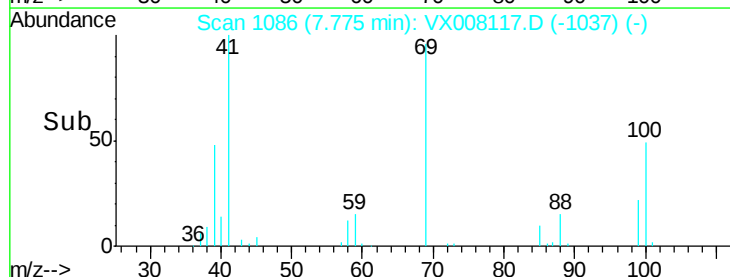
39 49.8 39.4 59.2

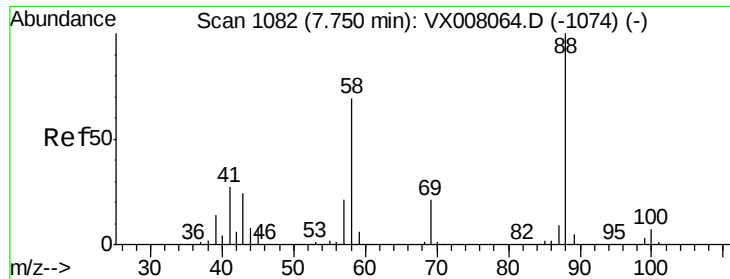


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 386.980 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

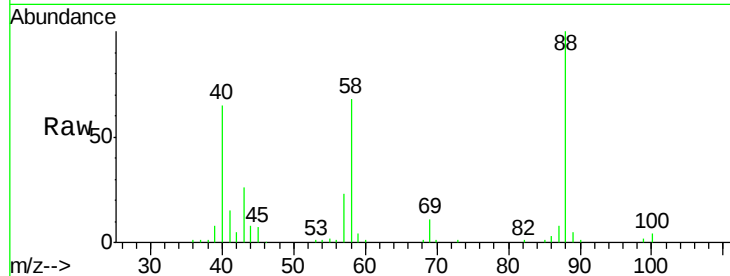
Tot Ion: 88 Resp: 22890

Ion Ratio Lower Upper

88 100

43 29.5 25.1 37.7

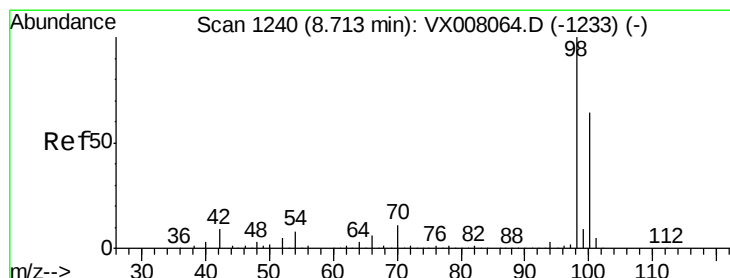
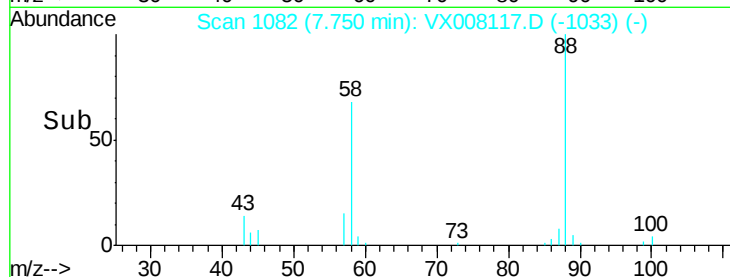
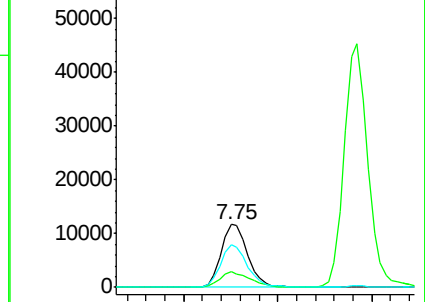
58 68.5 57.8 86.6



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: 48.059 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008117.D

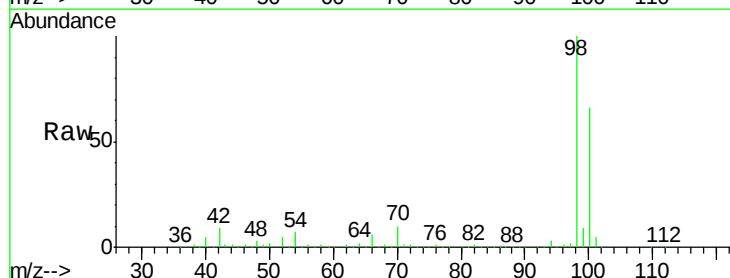
Acq: 15 Mar 2019 20:23

Tgt Ion: 98 Resp: 427453

Ion Ratio Lower Upper

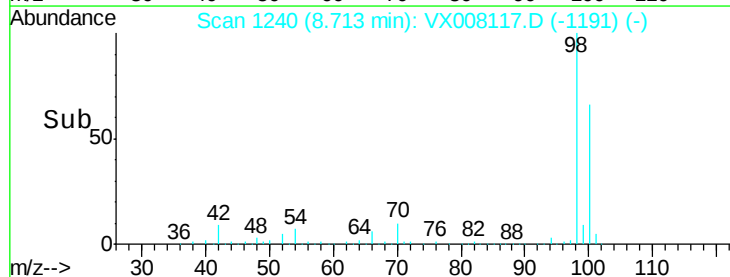
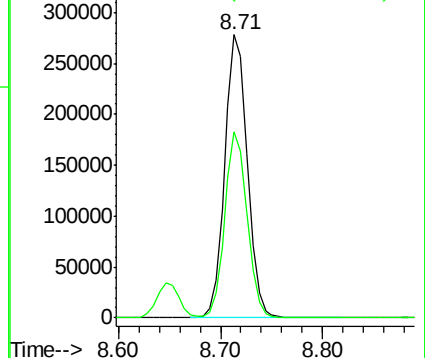
98 100

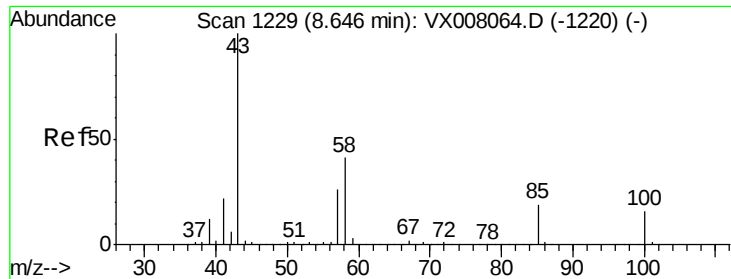
100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 87.547 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

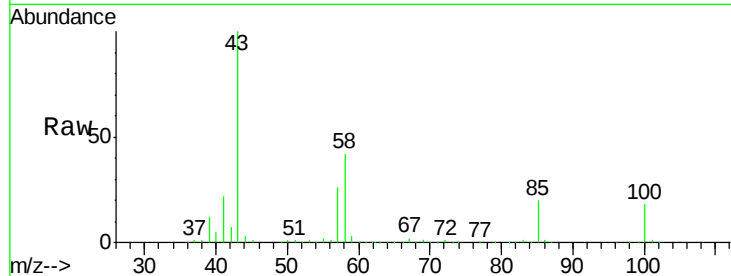
VX0315WBSD02

Tot Ion: 43 Resp: 302985

Ion Ratio Lower Upper

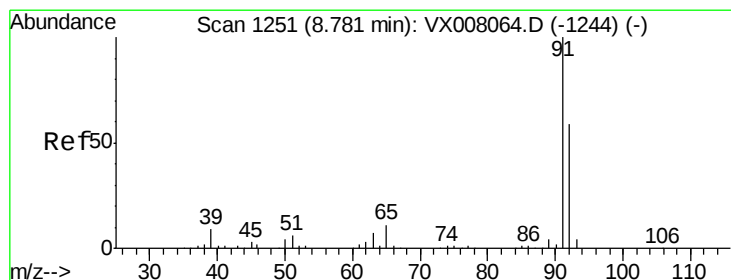
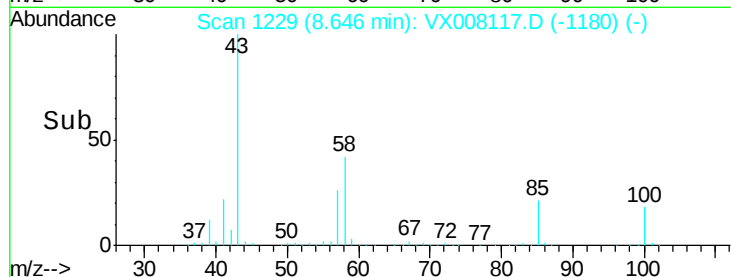
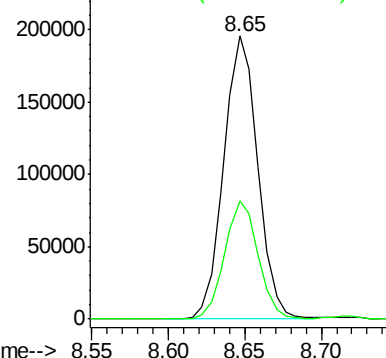
43 100

58 41.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.498 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008117.D

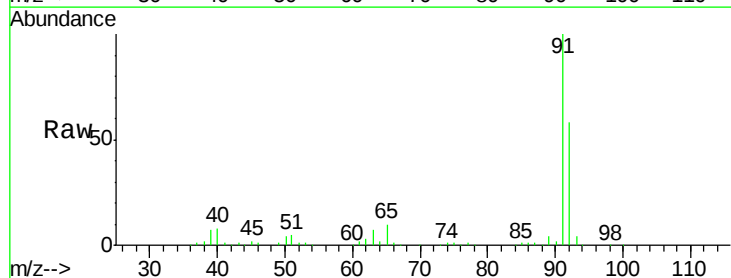
Acq: 15 Mar 2019 20:23

Tgt Ion: 92 Resp: 103377

Ion Ratio Lower Upper

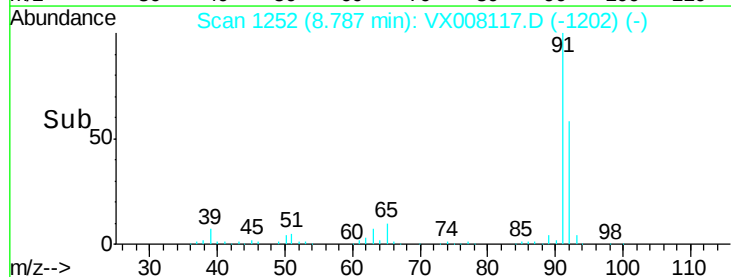
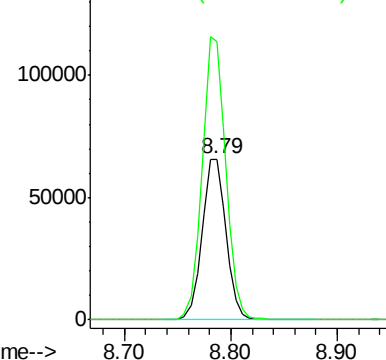
92 100

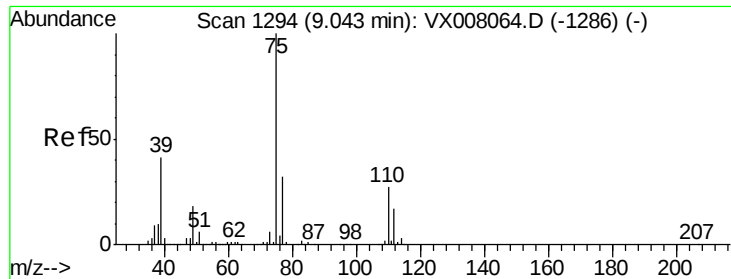
91 173.9 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 16.712 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

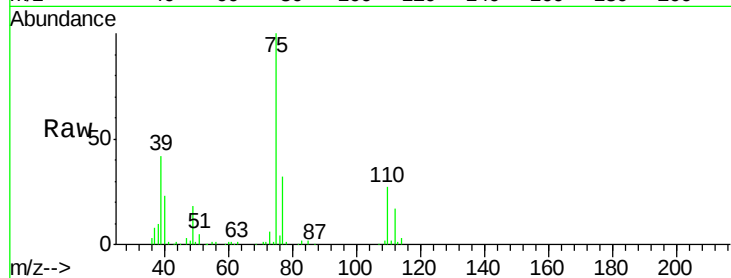
VX0315WBSD02

Tot Ion: 75 Resp: 53545

Ion Ratio Lower Upper

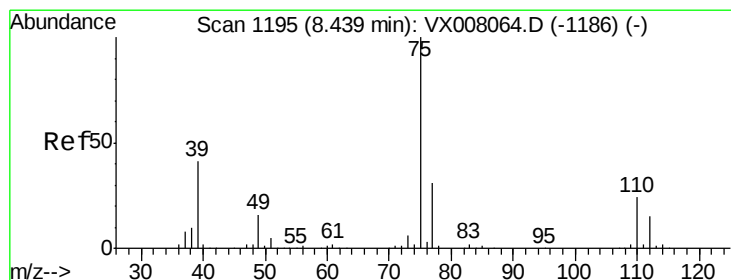
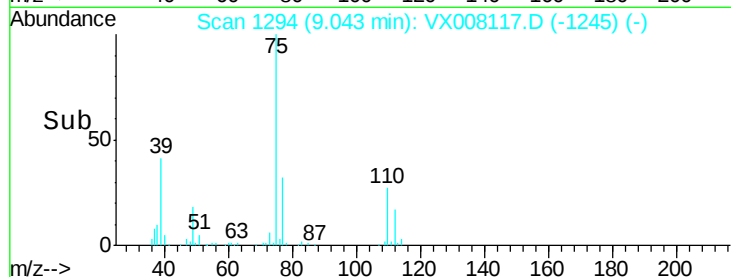
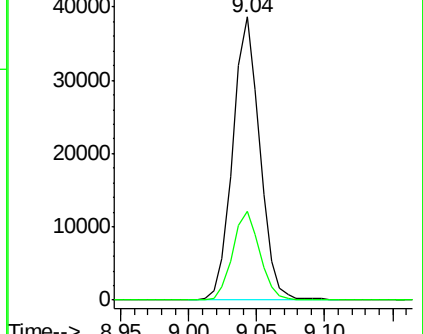
75 100

77 31.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 17.125 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

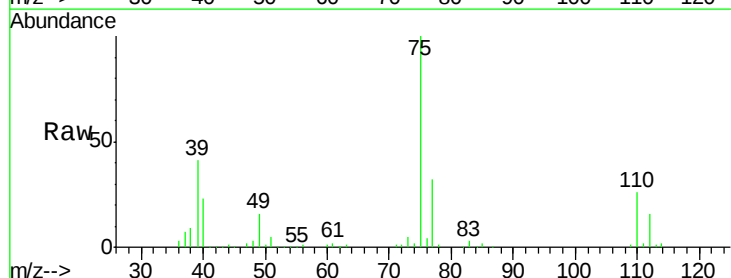
Tgt Ion: 75 Resp: 60979

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6

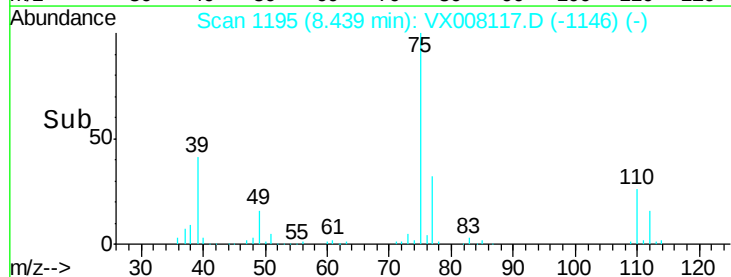
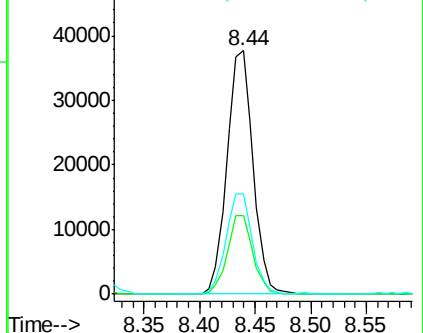
39 41.3 36.6 54.8

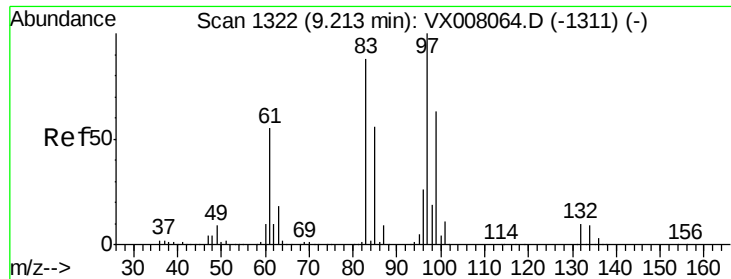


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

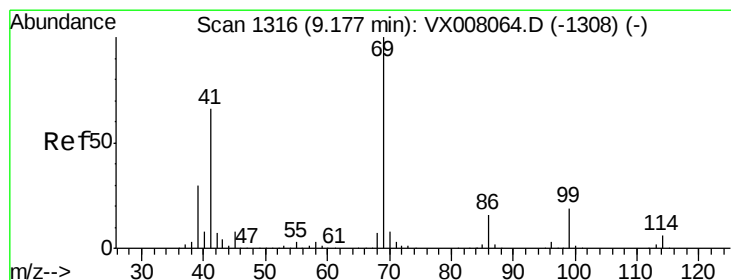
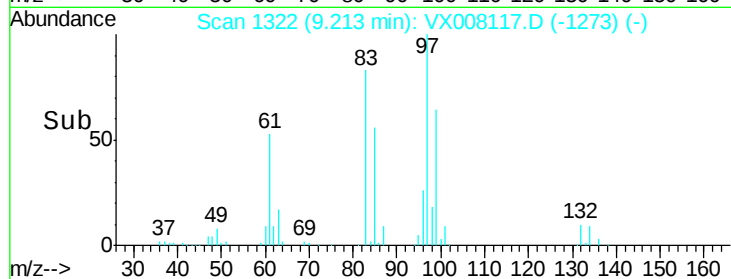
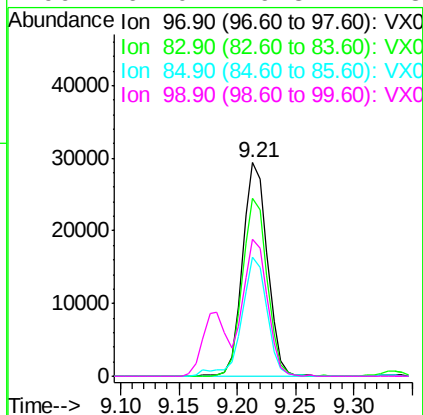
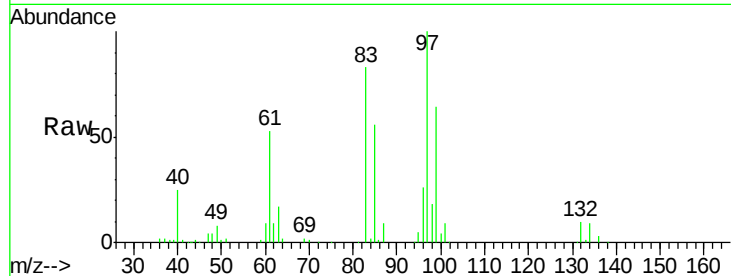




#55
 1,1,2-Trichloroethane
 Concen: 18.276 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

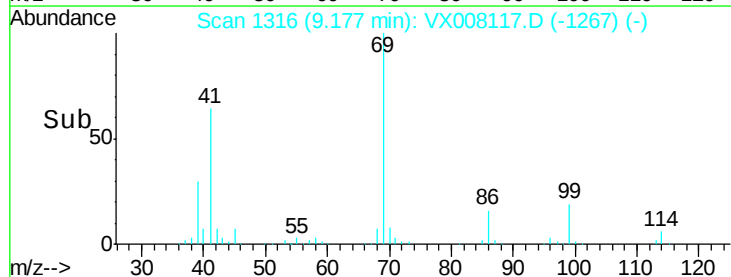
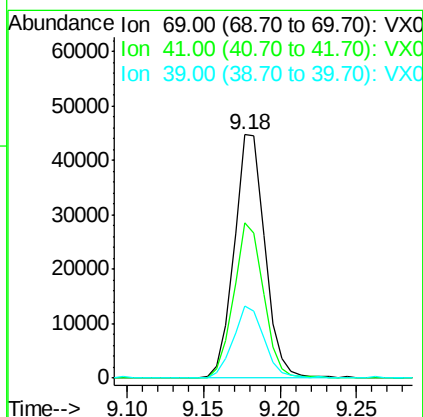
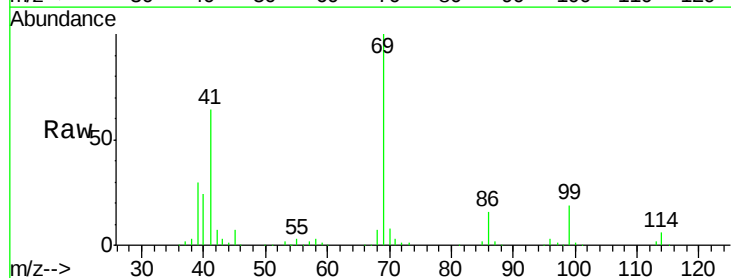
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

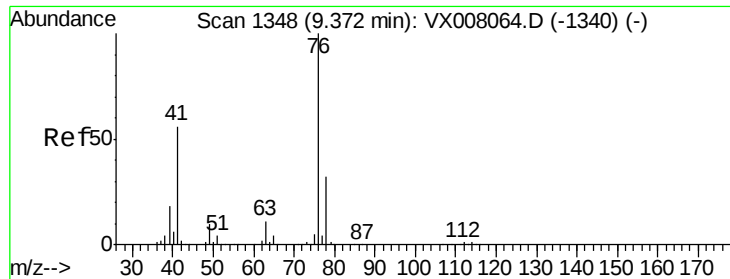
Tot Ion: 97 Resp: 43964
 Ion Ratio Lower Upper
 97 100
 83 83.3 69.1 103.7
 85 55.4 44.3 66.5
 99 64.0 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 17.546 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Tgt Ion: 69 Resp: 62345
 Ion Ratio Lower Upper
 69 100
 41 63.1 54.2 81.4
 39 30.1 25.0 37.4





#57

1,3-Dichloropropane

Concen: 17.640 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

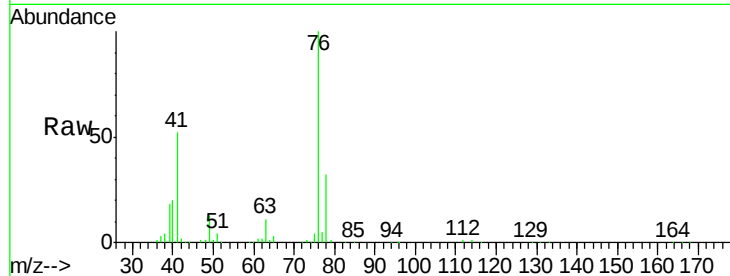
VX0315WBSD02

Tot Ion: 76 Resp: 70226

Ion Ratio Lower Upper

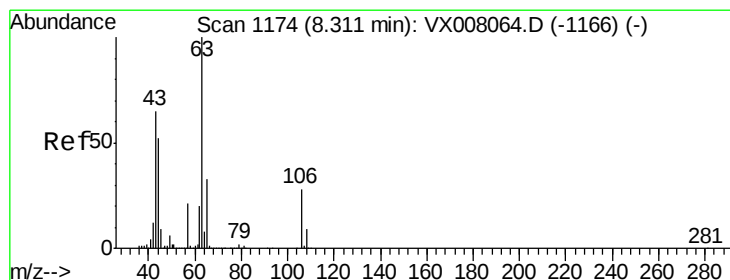
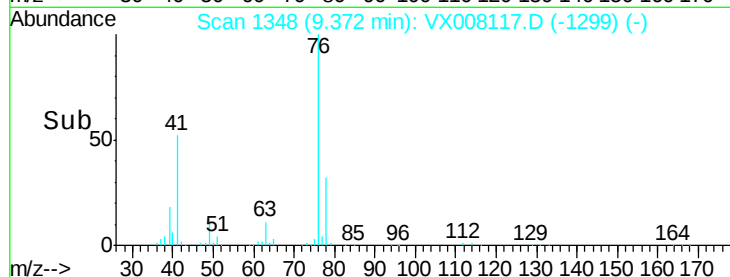
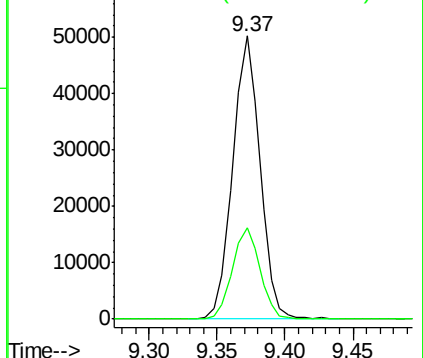
76 100

78 32.7 25.5 38.3



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: 87.827 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008117.D

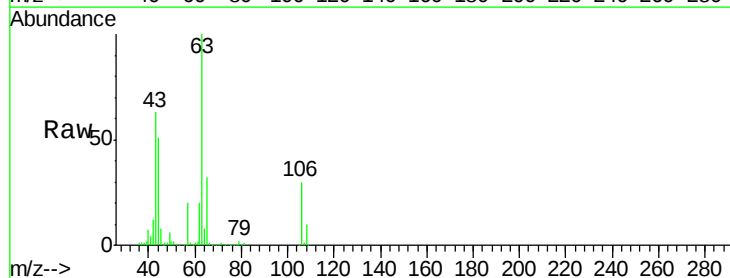
Acq: 15 Mar 2019 20:23

Tgt Ion: 63 Resp: 183596

Ion Ratio Lower Upper

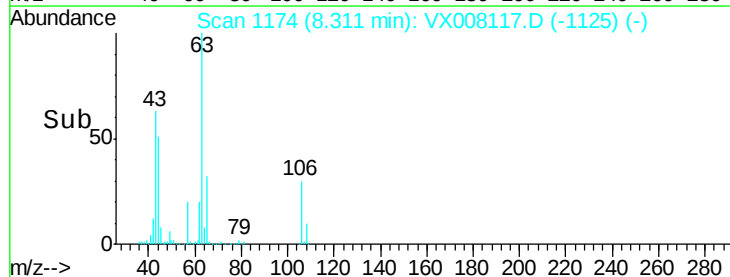
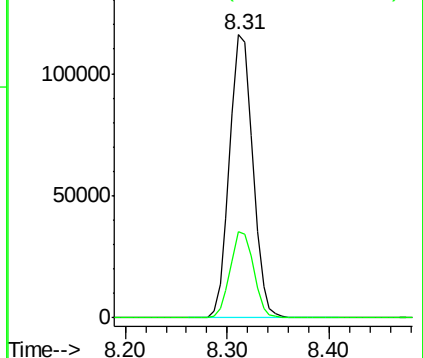
63 100

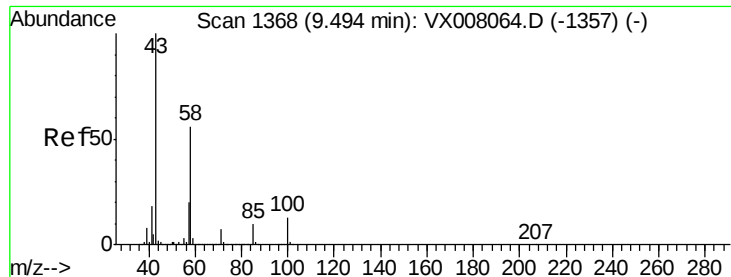
106 30.5 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

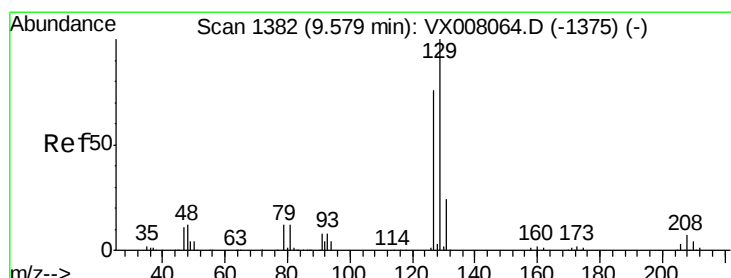
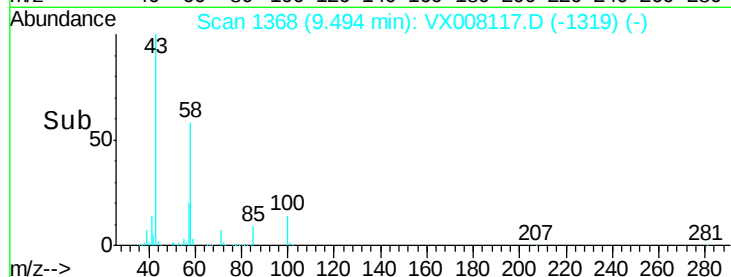
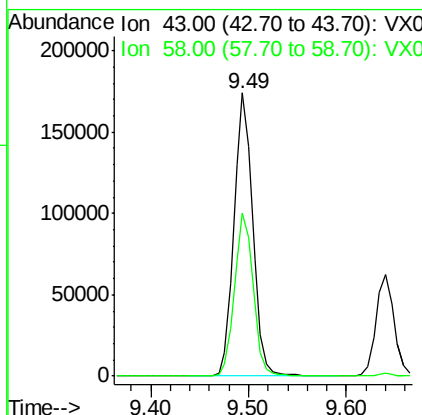
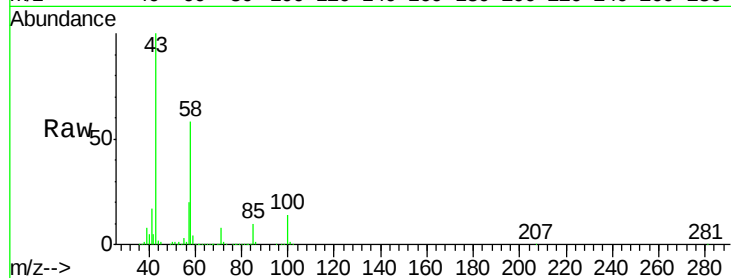




#59
2-Hexanone
Concen: 85.605 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

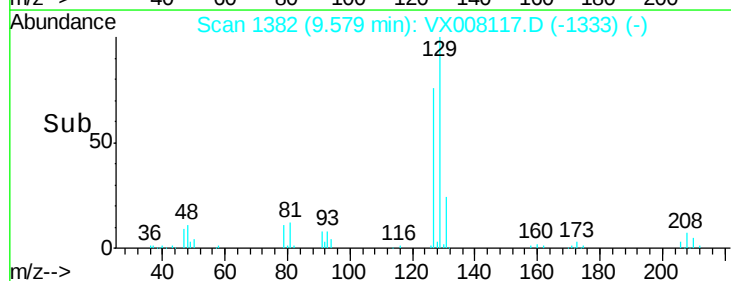
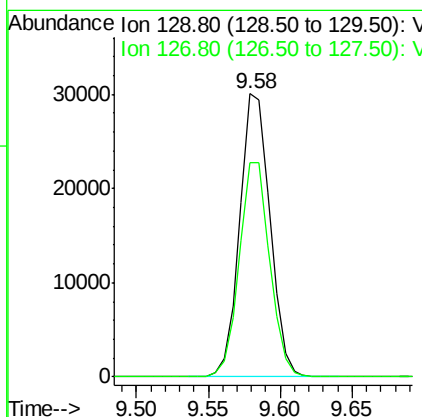
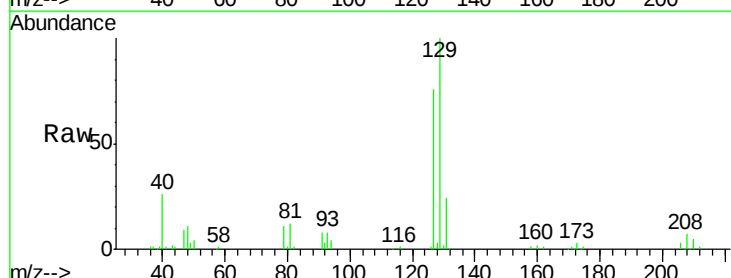
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

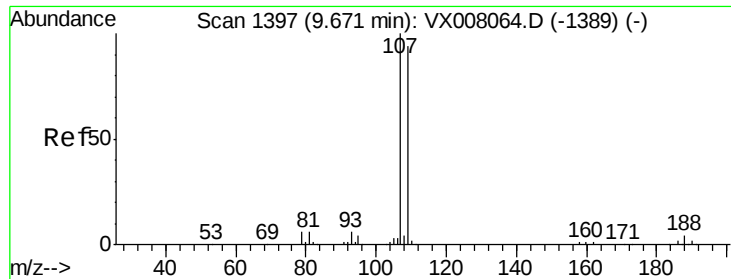
Tot Ion: 43 Resp: 231698
Ion Ratio Lower Upper
43 100
58 57.5 27.6 82.7



#60
Dibromochloromethane
Concen: 17.704 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 129 Resp: 43893
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 18.207 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

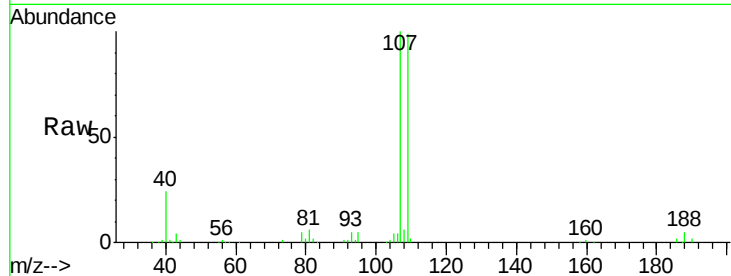
VX0315WBSD02

Tot Ion:107 Resp: 45892

Ion Ratio Lower Upper

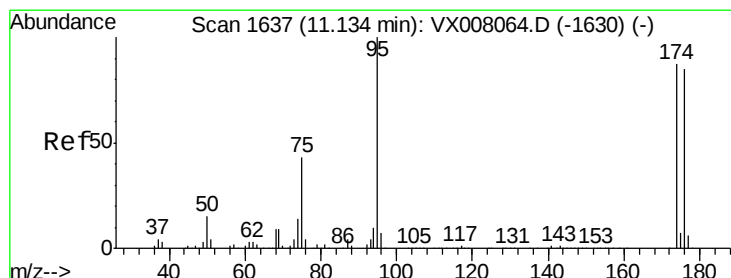
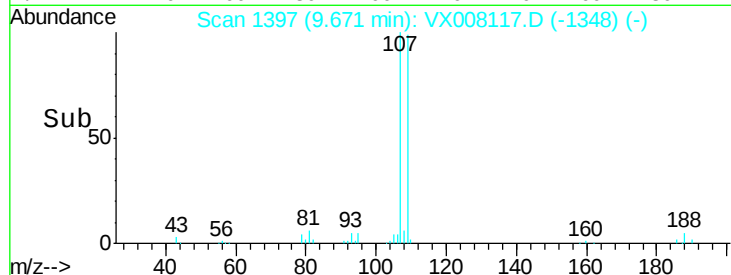
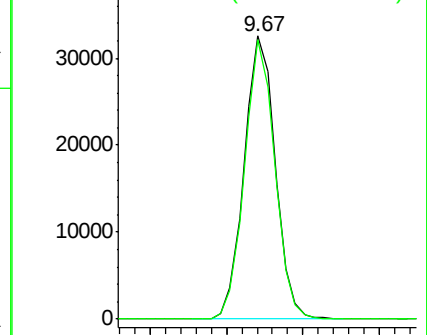
107 100

109 96.3 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.273 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

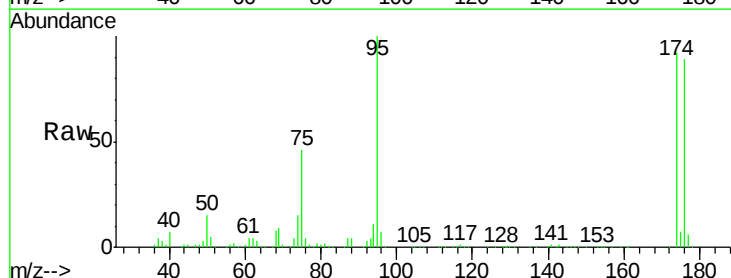
Tgt Ion: 95 Resp: 147437

Ion Ratio Lower Upper

95 100

174 97.7 0.0 182.8

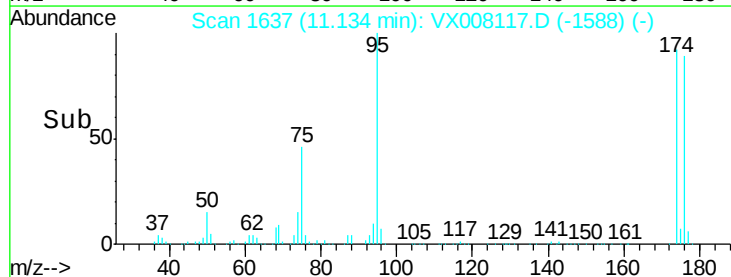
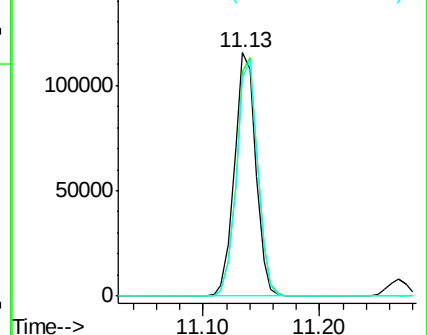
176 96.1 0.0 178.0

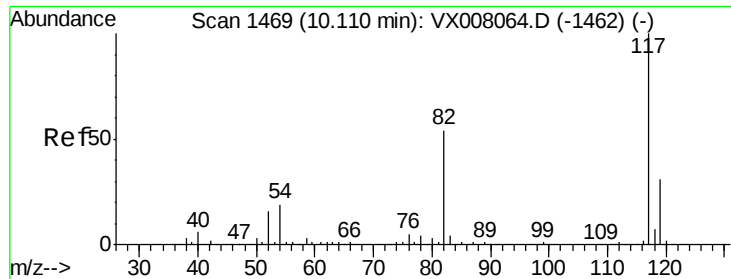


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

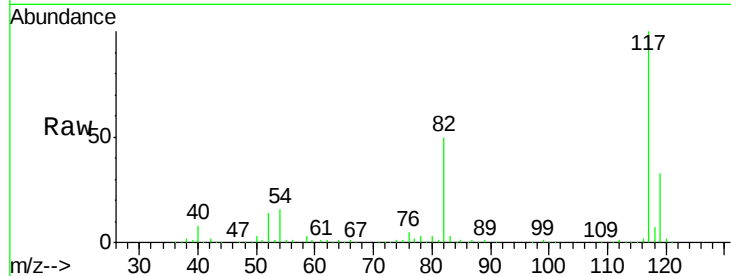




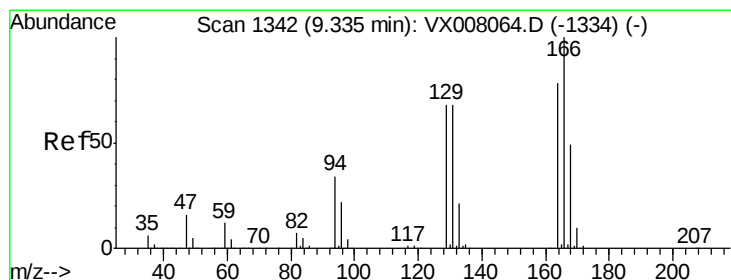
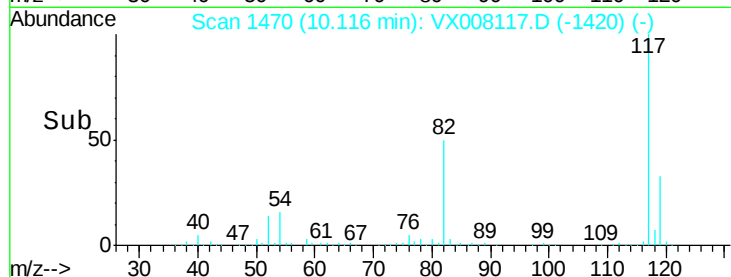
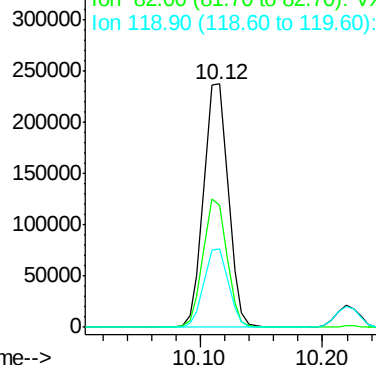
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

Tot Ion:117 Resp: 329152
Ion Ratio Lower Upper
117 100
82 50.0 44.3 66.5
119 32.5 25.3 37.9



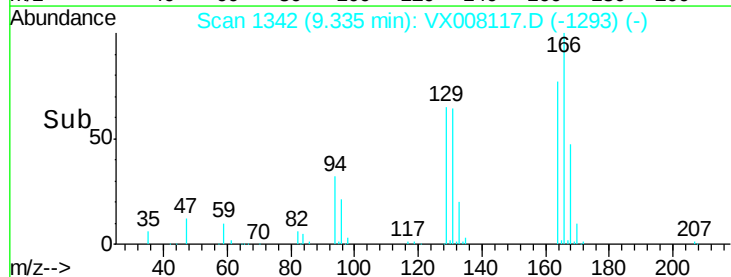
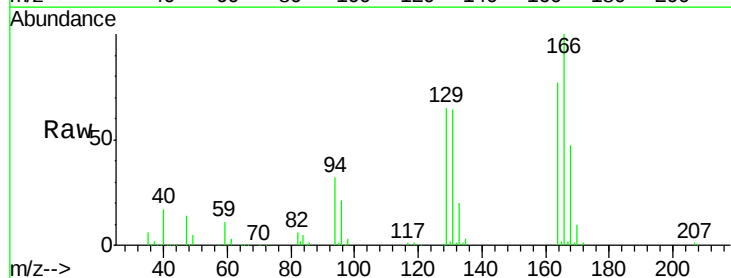
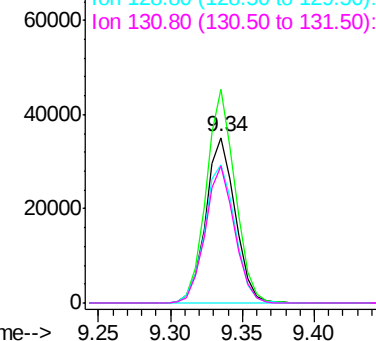
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

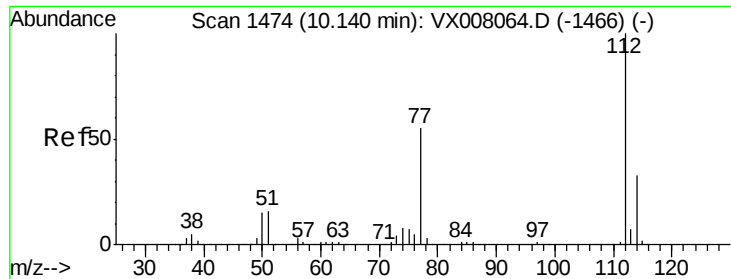


#64
Tetrachloroethene
Concen: 18.668 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion:164 Resp: 49785
Ion Ratio Lower Upper
164 100
166 129.3 103.4 155.0
129 83.8 72.2 108.4
131 82.9 69.4 104.2

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

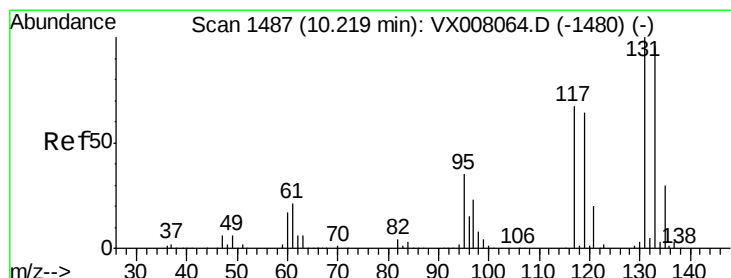
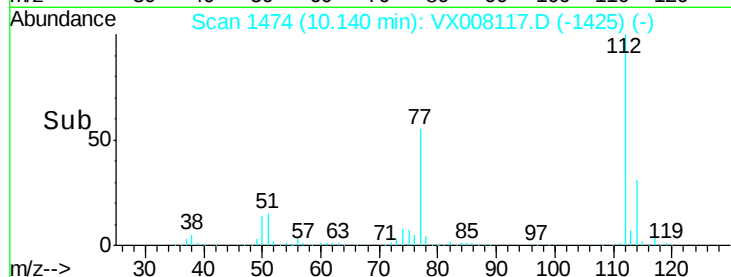
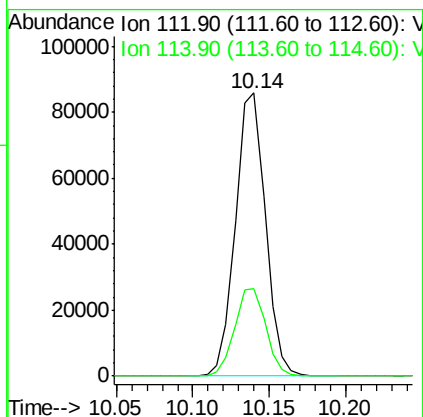
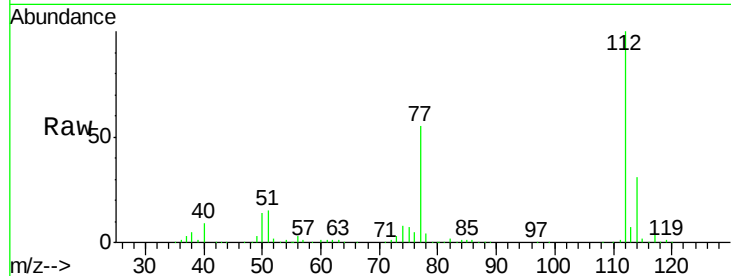




#65
Chlorobenzene
Concen: 17.913 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

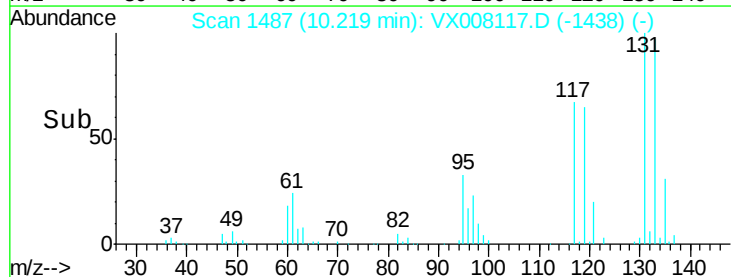
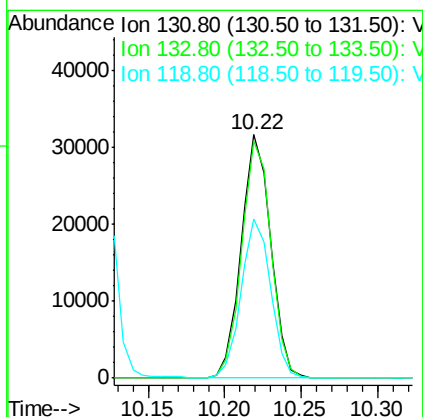
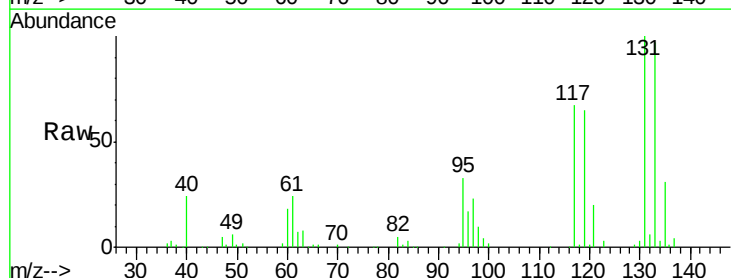
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

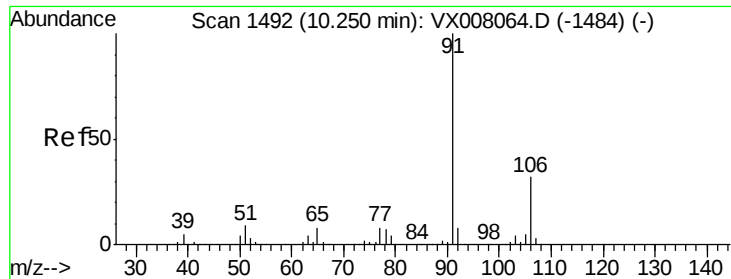
Tot Ion:112 Resp: 117004
Ion Ratio Lower Upper
112 100
114 30.8 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.277 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion:131 Resp: 42369
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 65.0 32.5 97.5

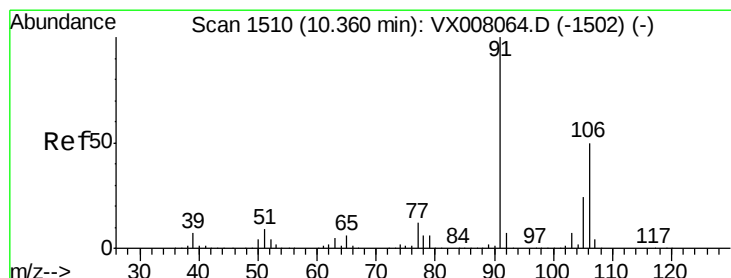
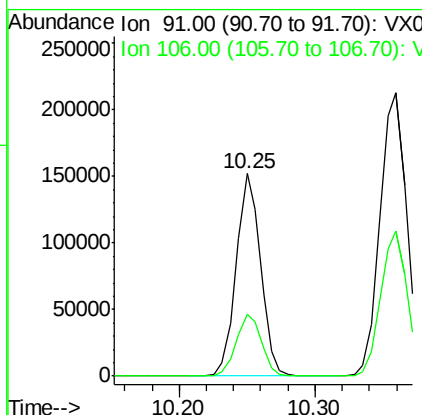
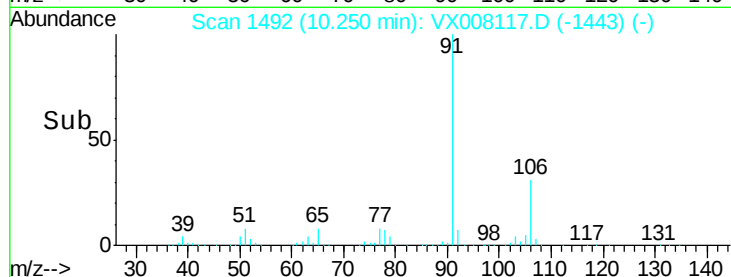
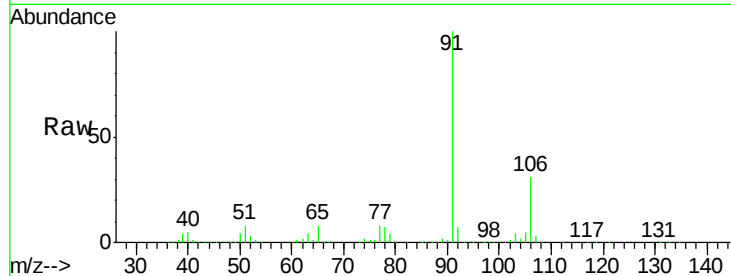




#67
Ethyl Benzene
Concen: 17.574 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

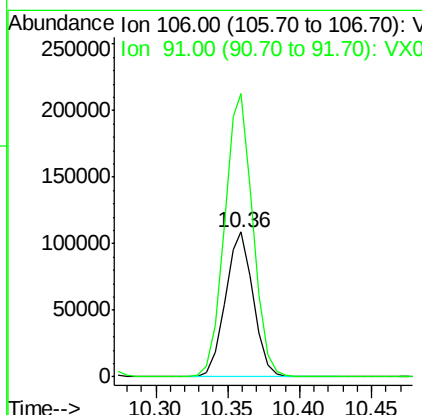
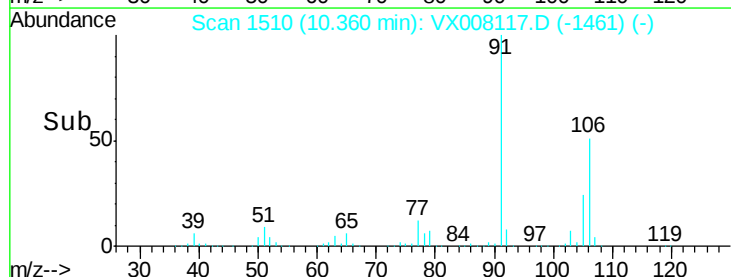
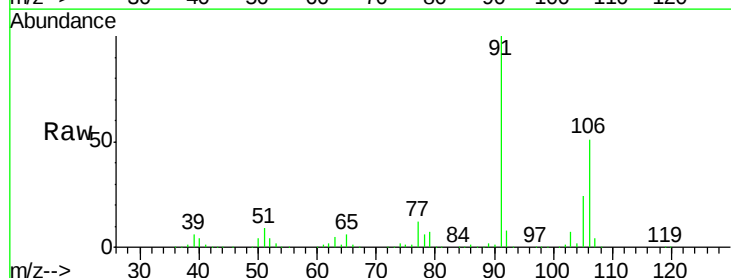
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

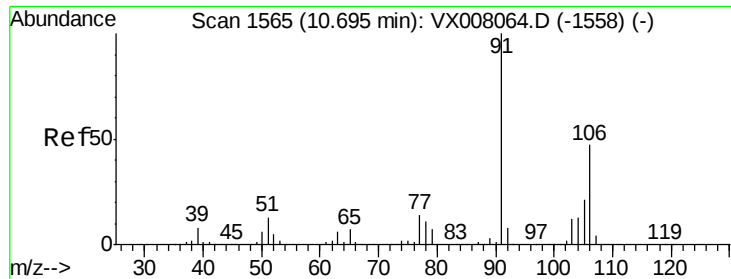
Tot Ion: 91 Resp: 189999
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8



#68
m/p-Xylenes
Concen: 35.788 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 106 Resp: 148054
Ion Ratio Lower Upper
106 100
91 198.2 159.8 239.6

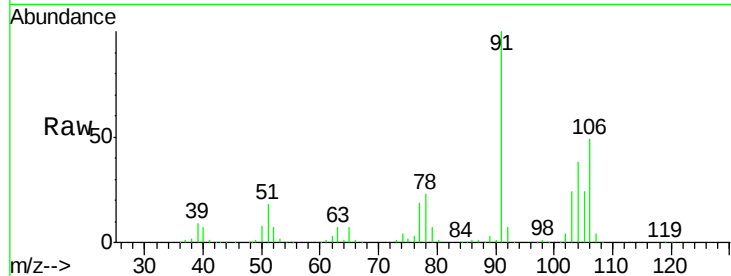




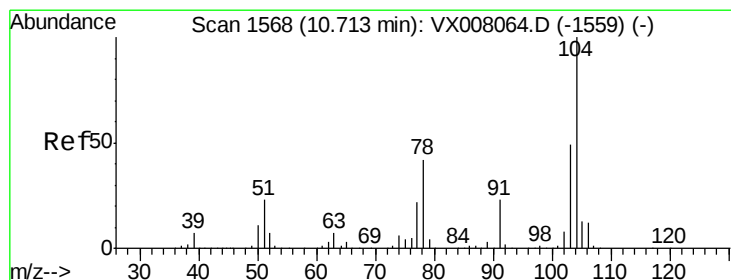
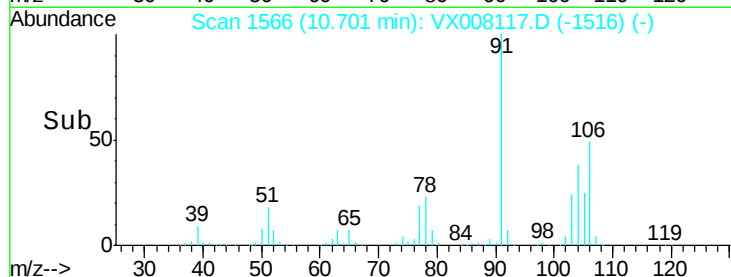
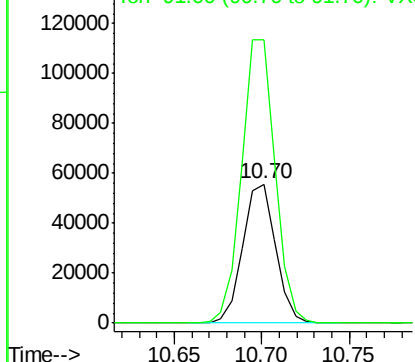
#69
o-Xylene
Concen: 18.050 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

Tot Ion:106 Resp: 72794
Ion Ratio Lower Upper
106 100
91 208.0 106.3 318.9

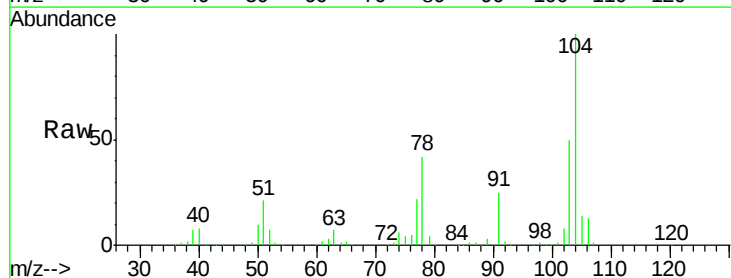


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

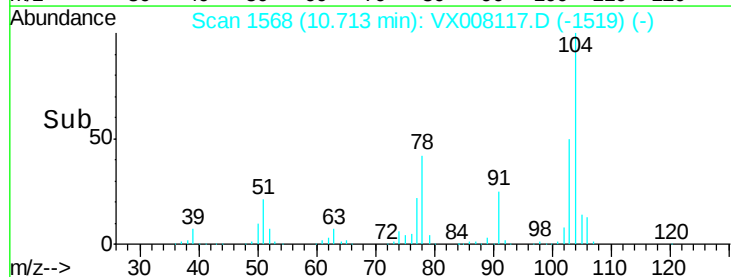
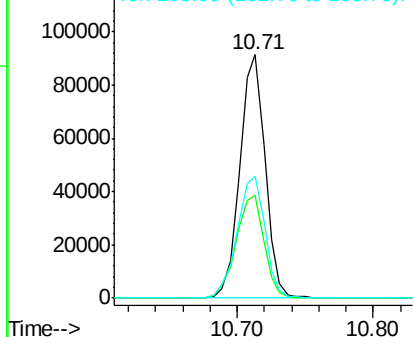


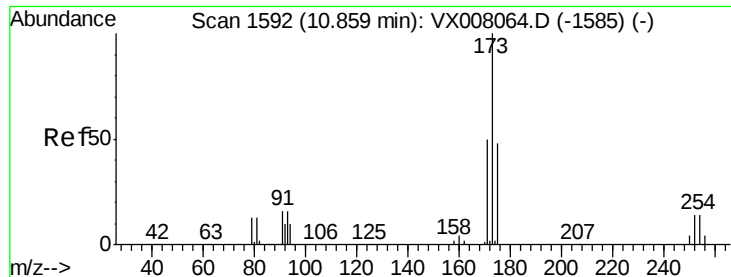
#70
Styrene
Concen: 17.926 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion:104 Resp: 118435
Ion Ratio Lower Upper
104 100
78 47.0 38.5 57.7
103 55.7 44.1 66.1



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: 18.119 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

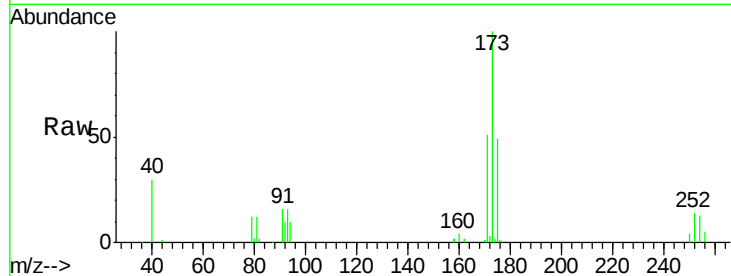
Tot Ion:173 Resp: 34758

Ion Ratio Lower Upper

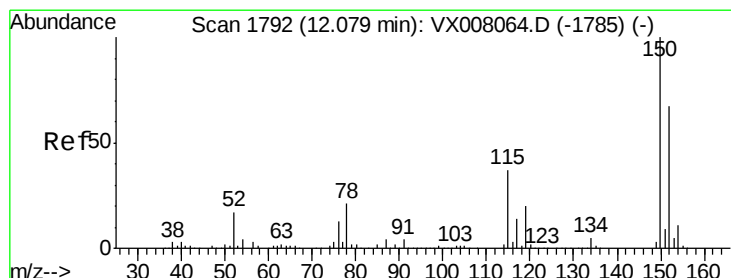
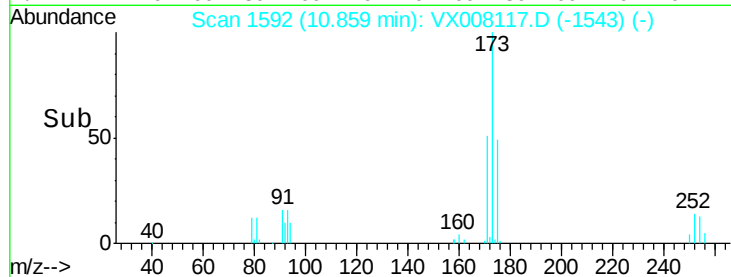
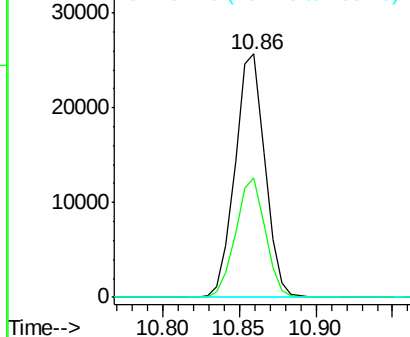
173 100

175 48.5 24.3 72.9

254 0.0 0.1 0.1#



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# 1792

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

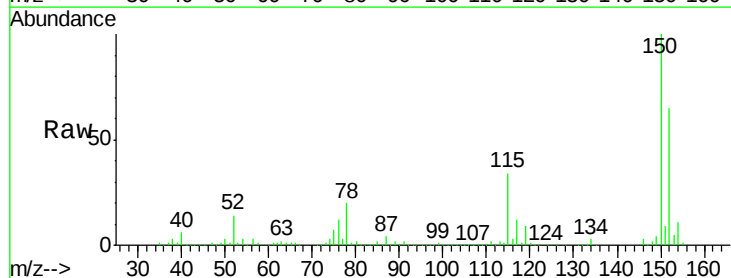
Tgt Ion:152 Resp: 166794

Ion Ratio Lower Upper

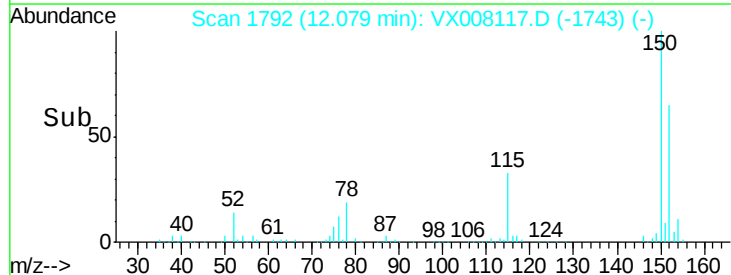
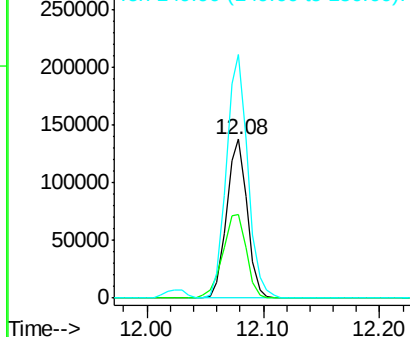
152 100

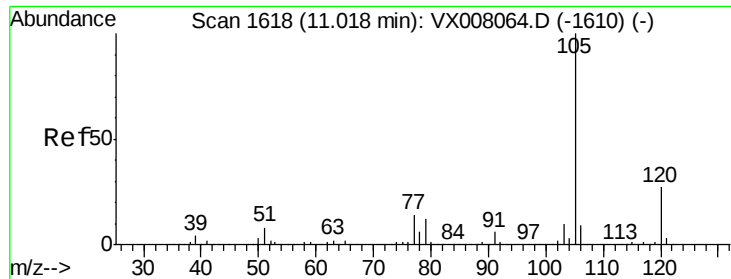
115 60.6 38.6 115.7

150 160.1 0.0 348.4



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

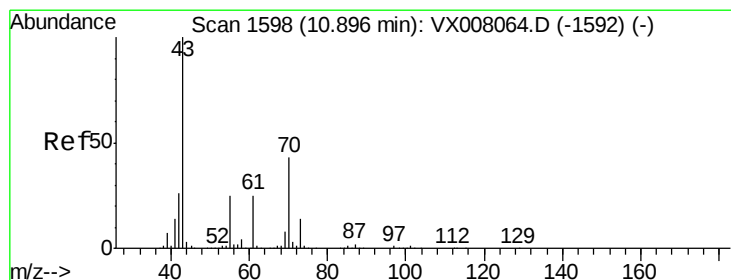
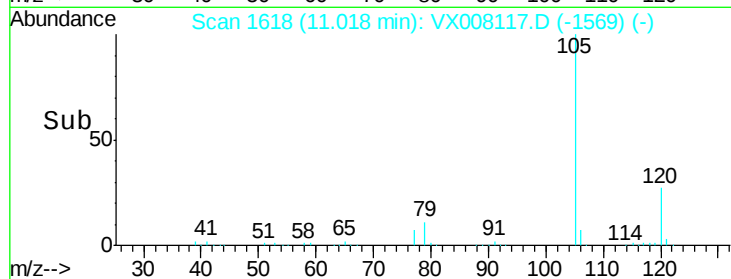
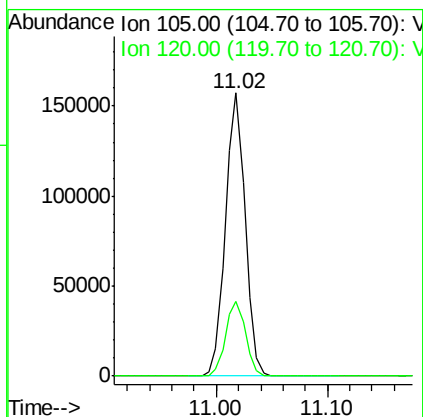
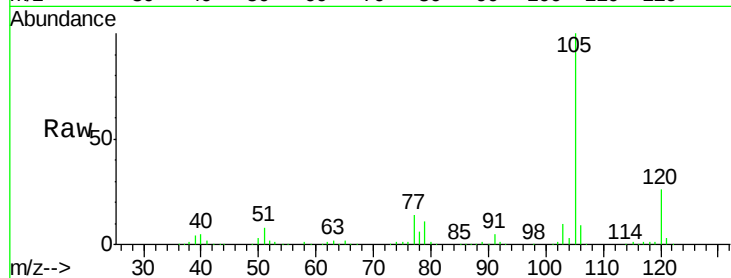




#73
Isopropylbenzene
Concen: 18.009 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

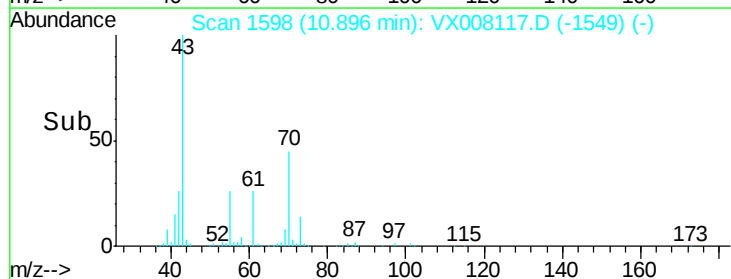
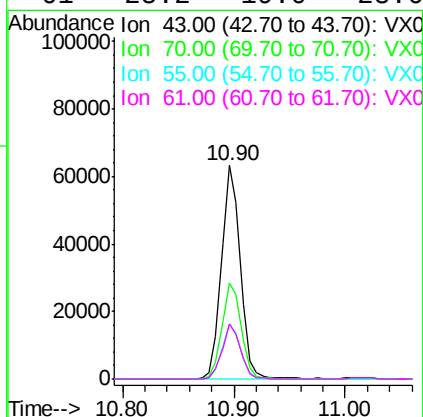
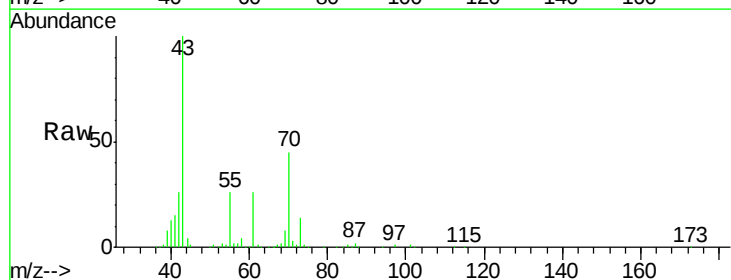
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

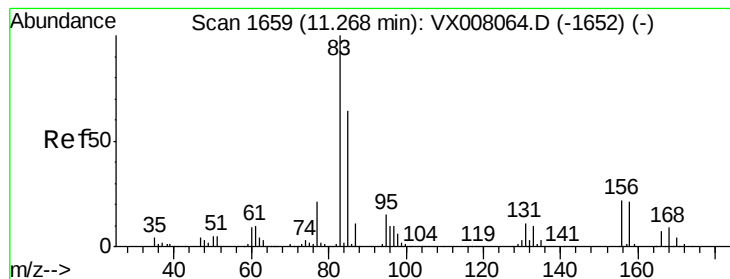
Tot Ion:105 Resp: 192394
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.1



#74
N-ethyl acetate
Concen: 16.485 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 43 Resp: 74291
Ion Ratio Lower Upper
43 100
70 46.0 33.5 50.3
55 25.7 19.2 28.8
61 25.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.168 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

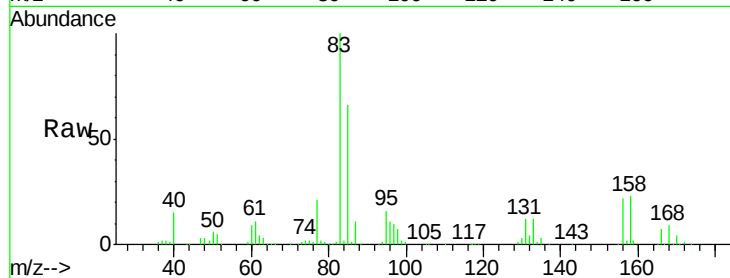
Tot Ion: 83 Resp: 63596

Ion Ratio Lower Upper

83 100

131 11.7 5.4 16.2

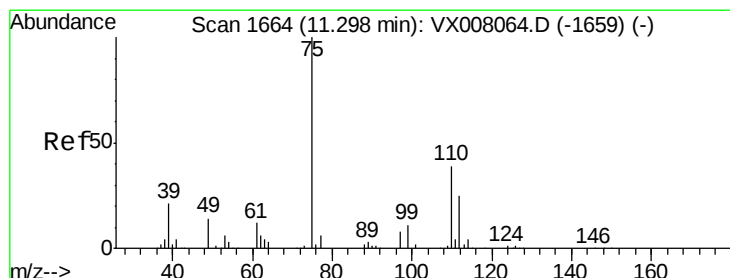
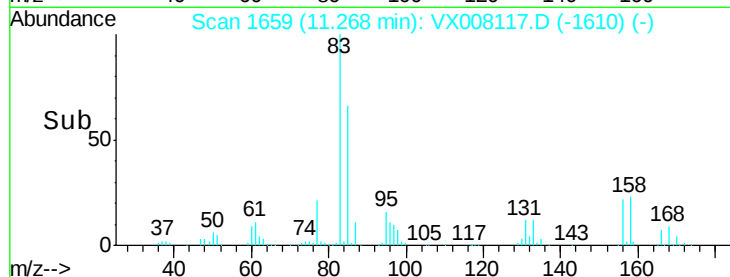
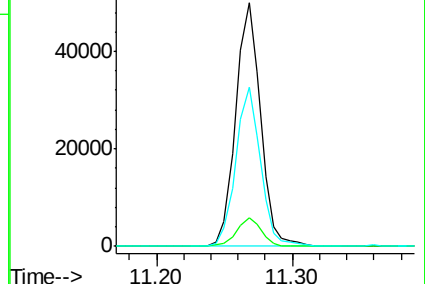
85 65.2 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.695 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008117.D

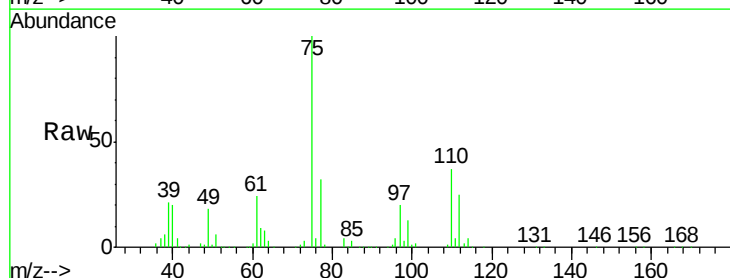
Acq: 15 Mar 2019 20:23

Tgt Ion: 75 Resp: 71536

Ion Ratio Lower Upper

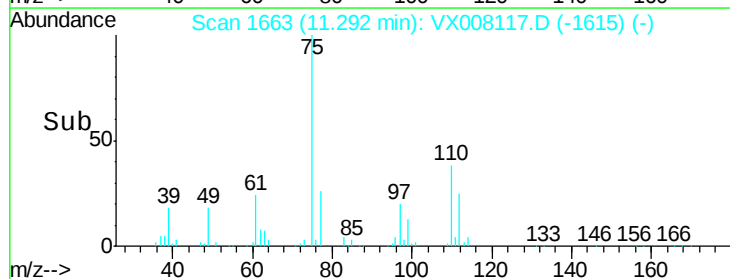
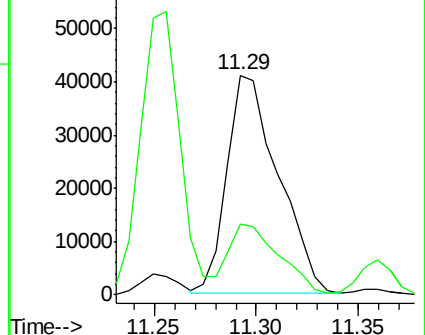
75 100

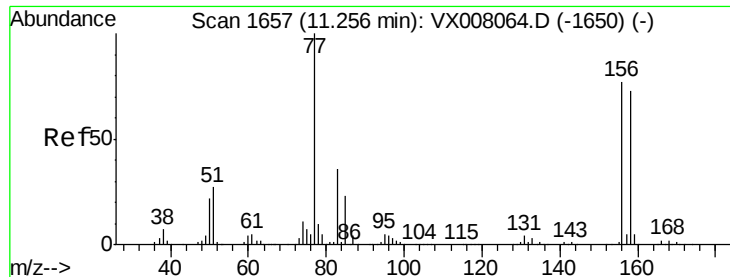
77 31.9 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.279 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

VX0315WBSD02

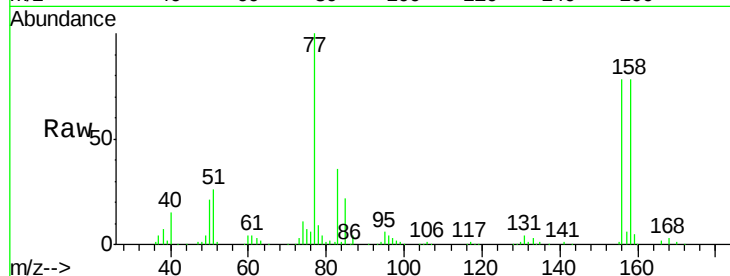
Tot Ion:156 Resp: 53299

Ion Ratio Lower Upper

156 100

77 135.5 72.0 215.9

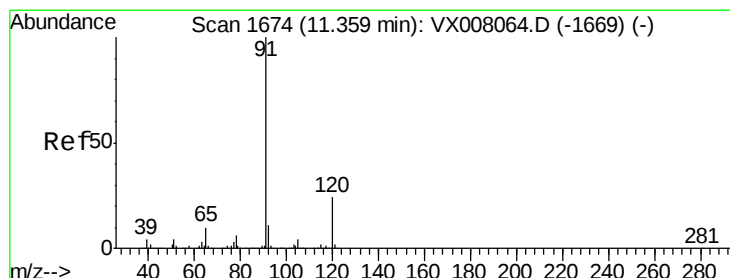
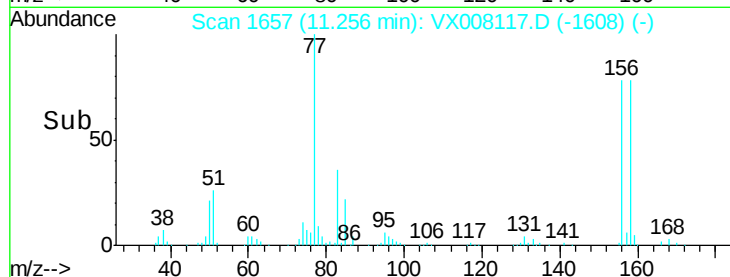
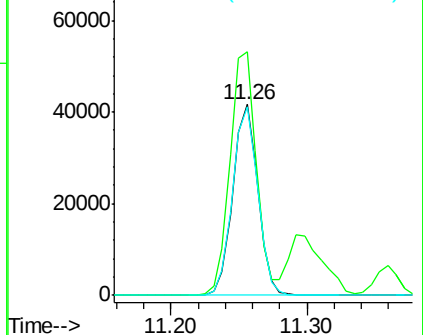
158 100.1 48.6 145.9



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: 17.537 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008117.D

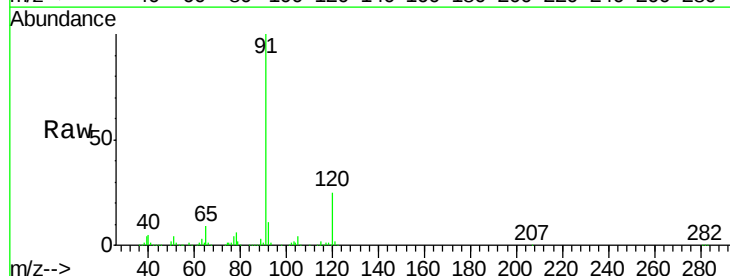
Acq: 15 Mar 2019 20:23

Tgt Ion: 91 Resp: 205541

Ion Ratio Lower Upper

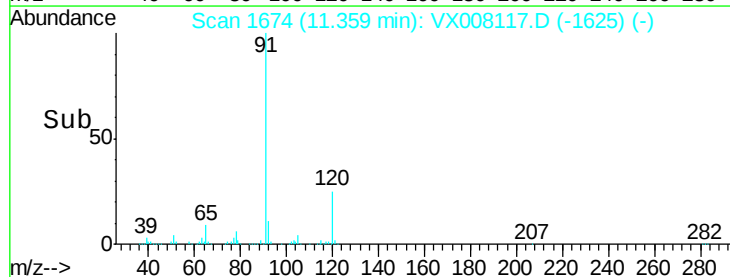
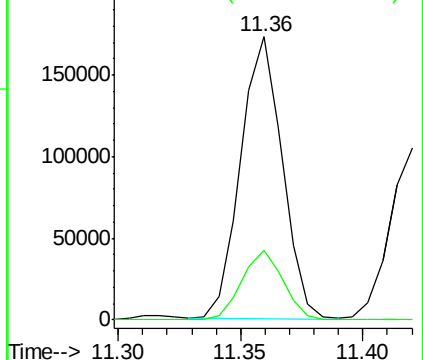
91 100

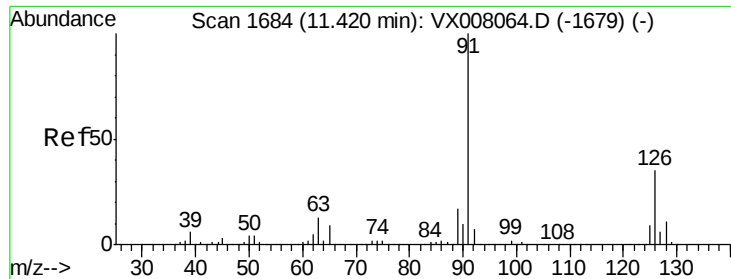
120 24.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

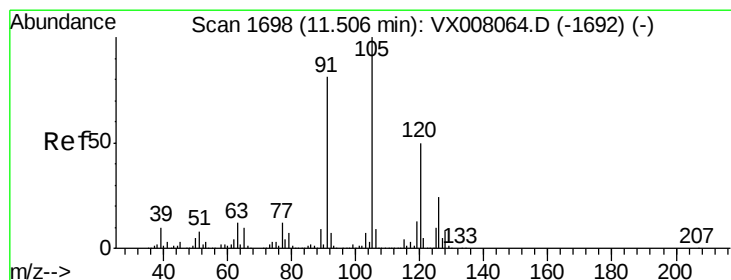
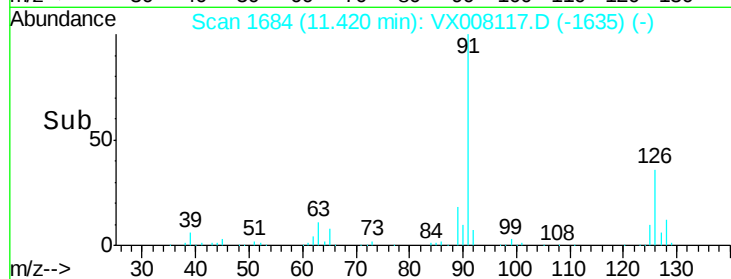
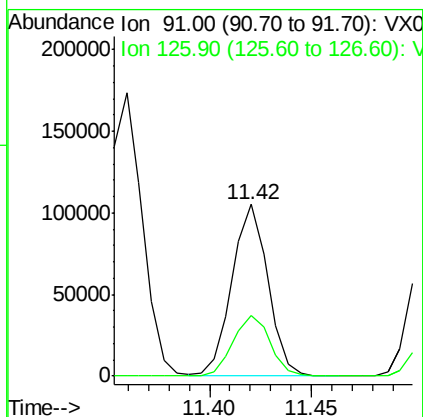
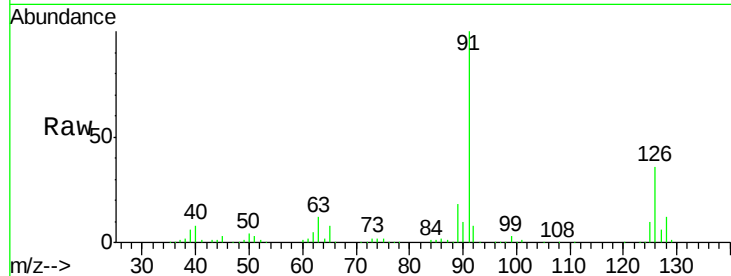




#79
 2-Chlorotoluene
 Concen: 17.729 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

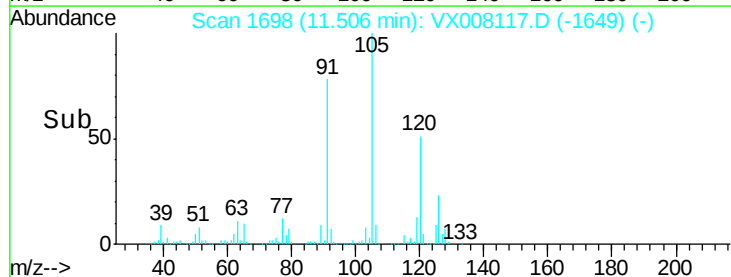
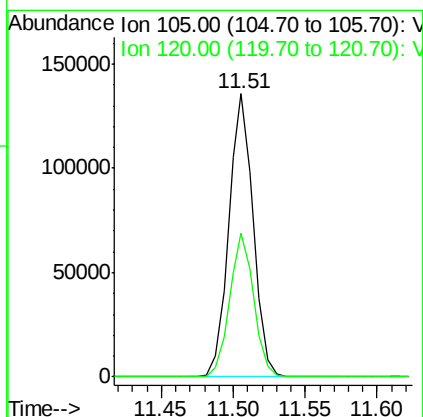
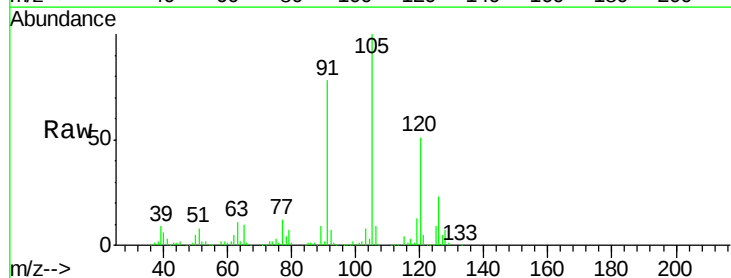
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

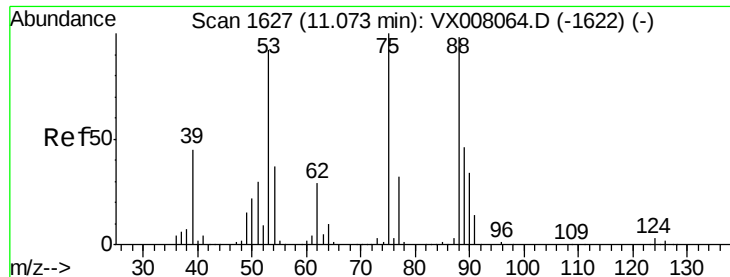
Tot Ion: 91 Resp: 126898
 Ion Ratio Lower Upper
 91 100
 126 37.0 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.309 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Tgt Ion: 105 Resp: 161171
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.440 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampled :

VX0315WBSD02

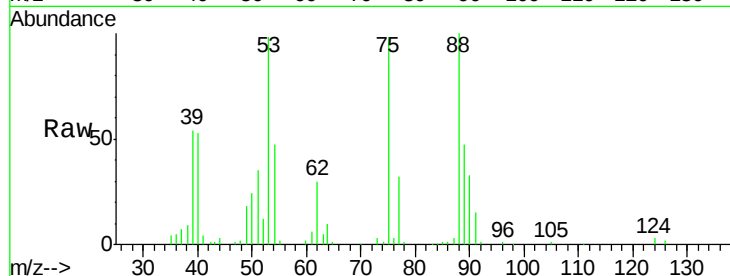
Tot Ion: 75 Resp: 16735

Ion Ratio Lower Upper

75 100

53 102.9 76.1 114.1

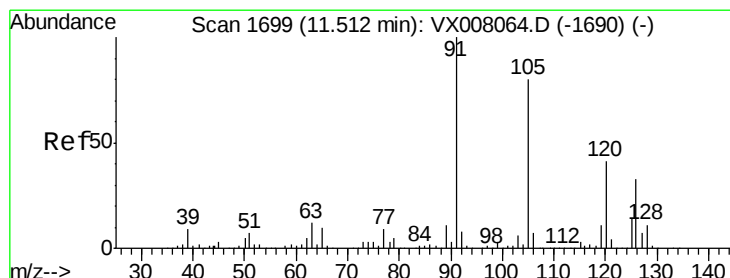
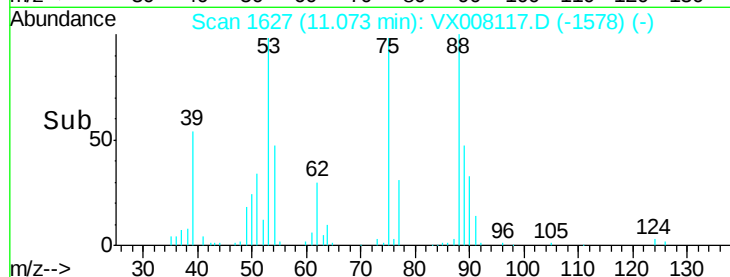
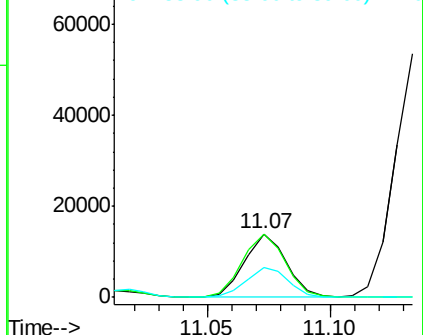
89 47.7 36.3 54.5



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: 17.785 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008117.D

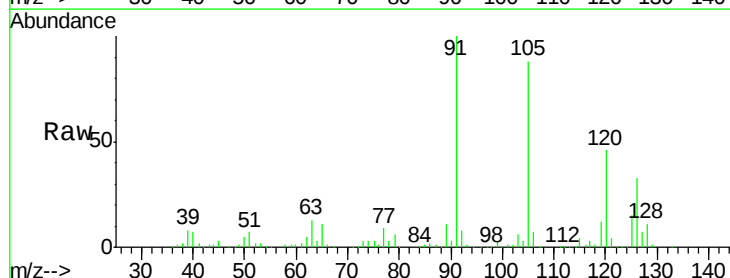
Acq: 15 Mar 2019 20:23

Tgt Ion: 91 Resp: 145798

Ion Ratio Lower Upper

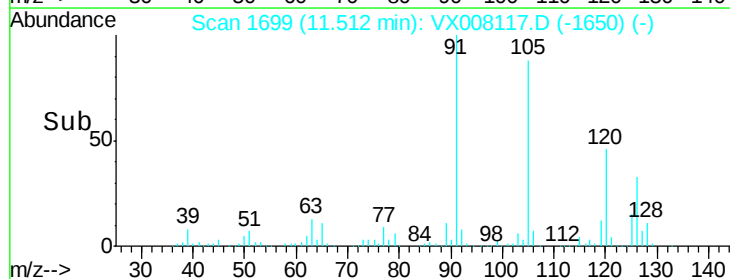
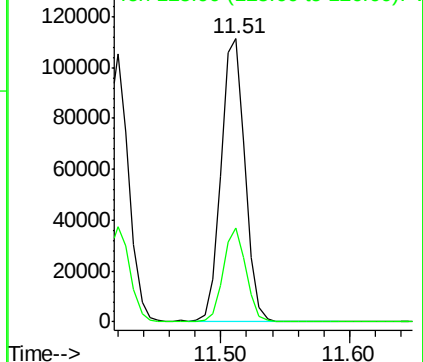
91 100

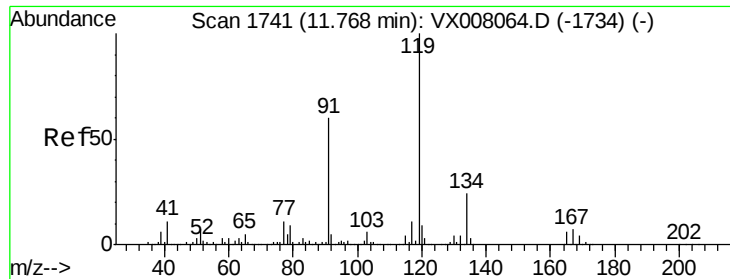
126 31.7 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

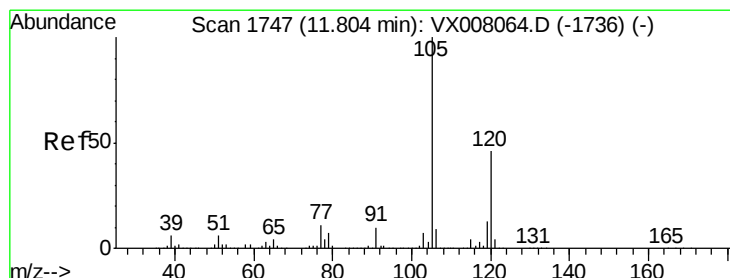
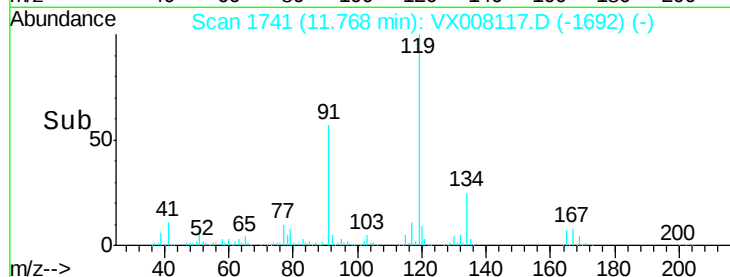
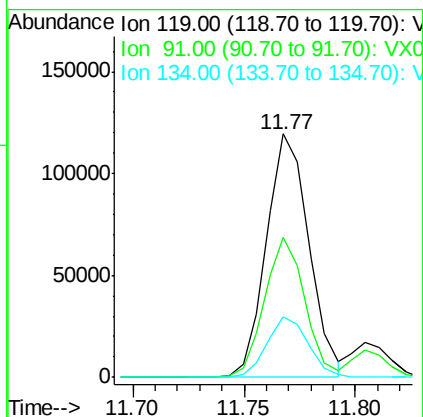
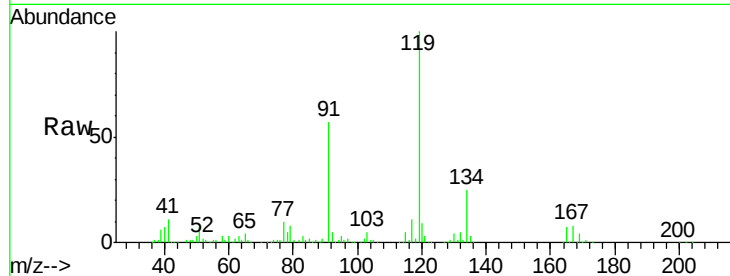




#83
tert-Butylbenzene
Concen: 17.949 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

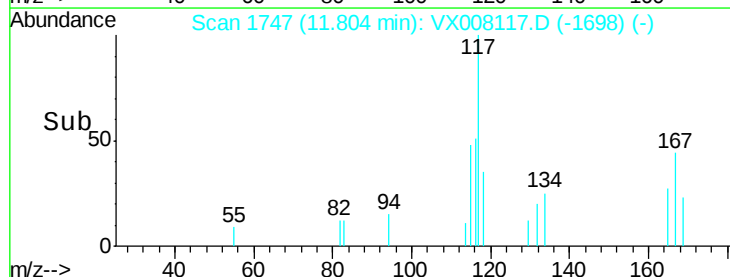
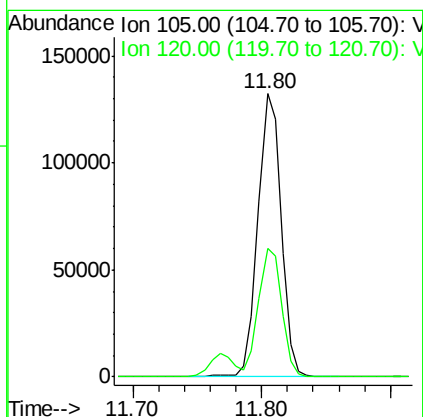
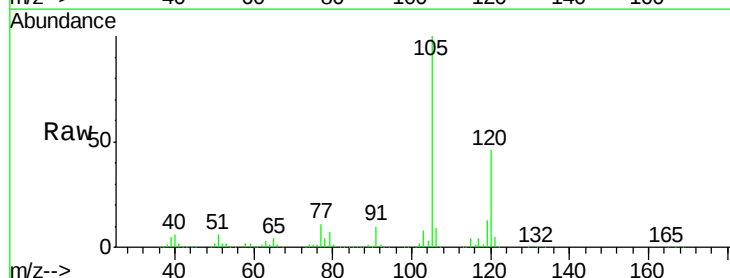
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

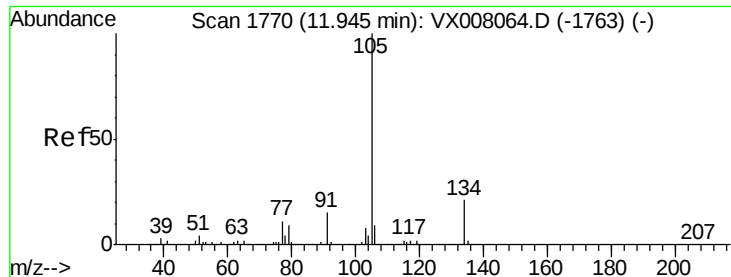
Tot Ion:119 Resp: 158341
Ion Ratio Lower Upper
119 100
91 54.3 27.1 81.3
134 24.1 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 18.068 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion:105 Resp: 164064
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 17.867 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

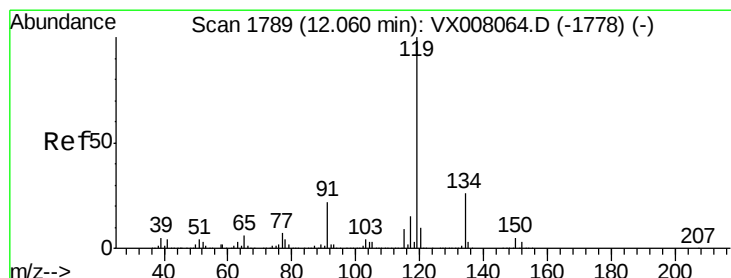
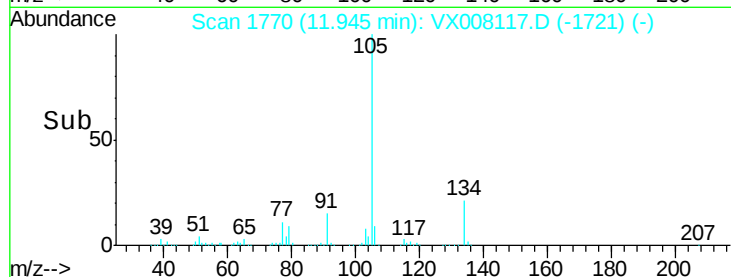
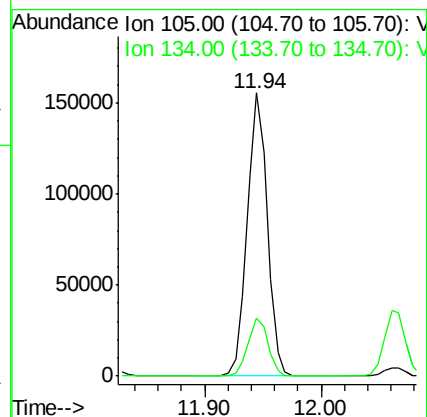
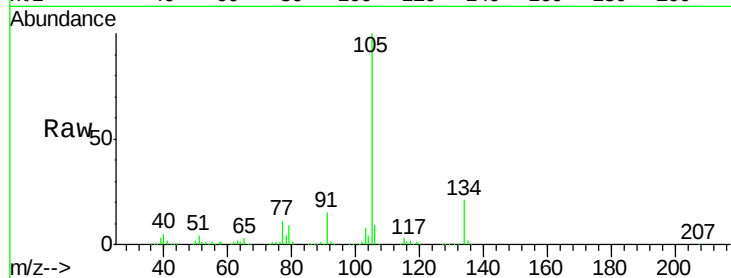
VX0315WBSD02

Tot Ion:105 Resp: 187791

Ion Ratio Lower Upper

105 100

134 20.8 10.4 31.2



#86

p-Isopropyltoluene

Concen: 18.141 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

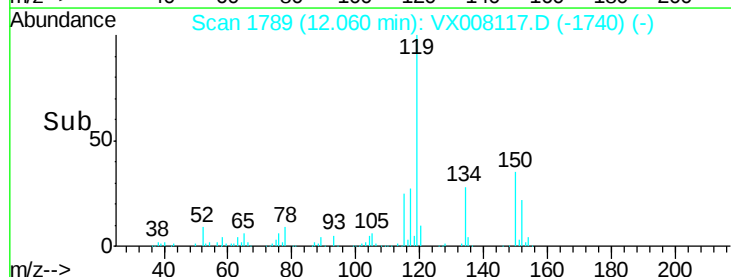
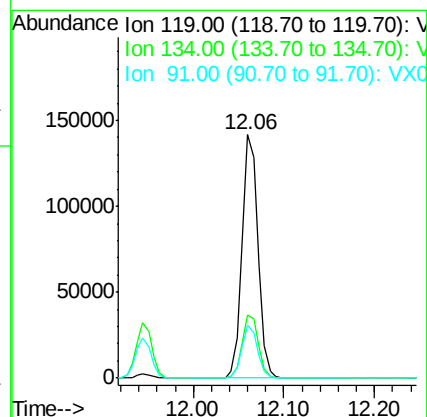
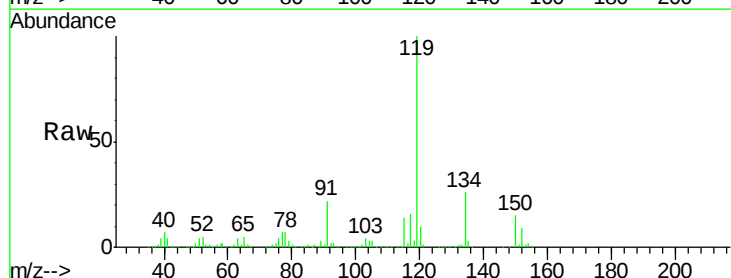
Tgt Ion:119 Resp: 172442

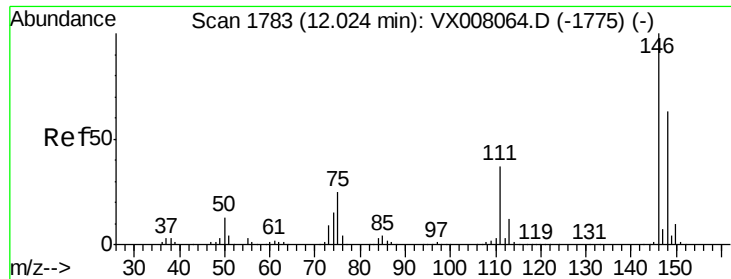
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 21.6 10.9 32.7





#87

1,3-Dichlorobenzene

Concen: 18.175 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

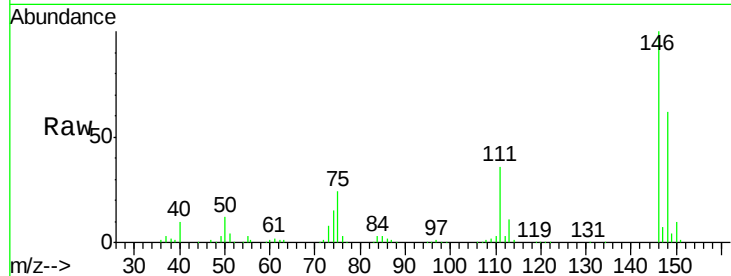
Tot Ion:146 Resp: 94320

Ion Ratio Lower Upper

146 100

111 36.4 18.9 56.7

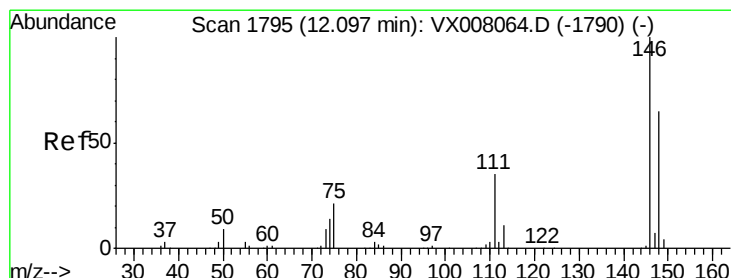
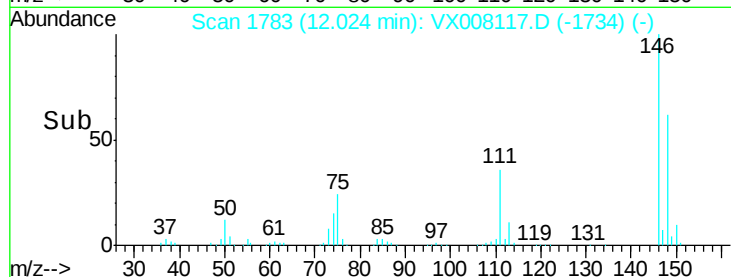
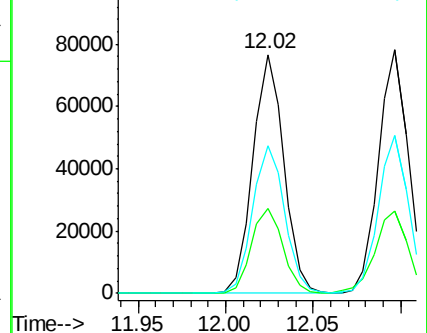
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.685 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

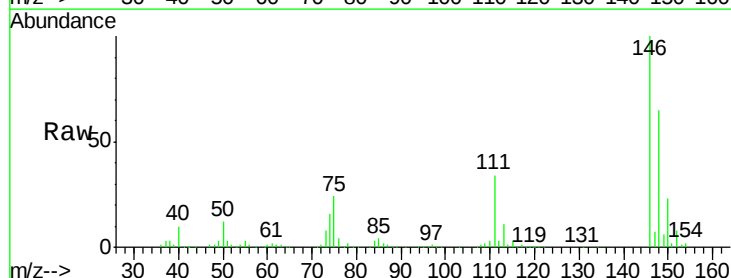
Tgt Ion:146 Resp: 93194

Ion Ratio Lower Upper

146 100

111 37.2 18.4 55.0

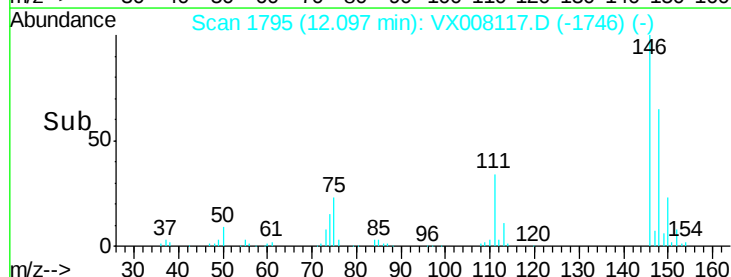
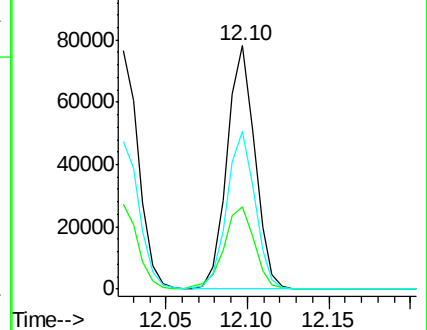
148 65.5 32.2 96.6

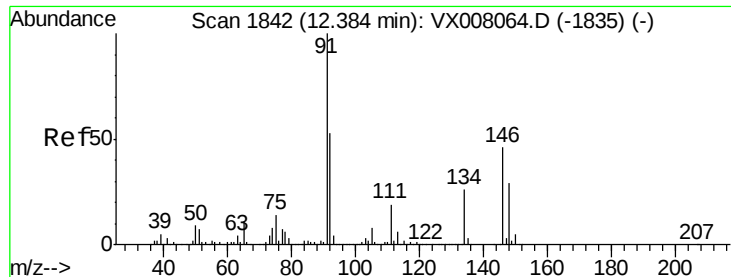


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

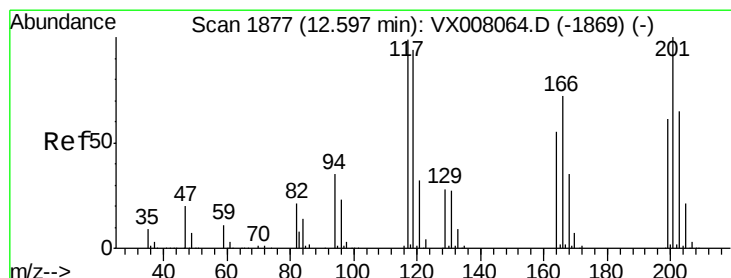
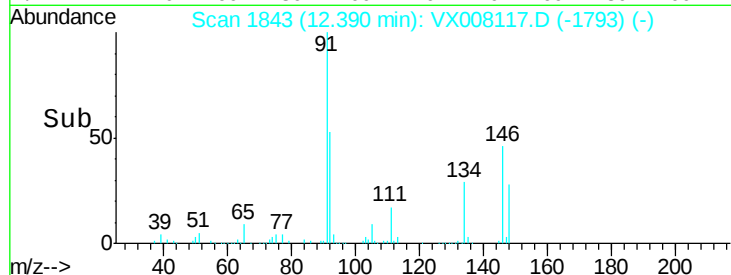
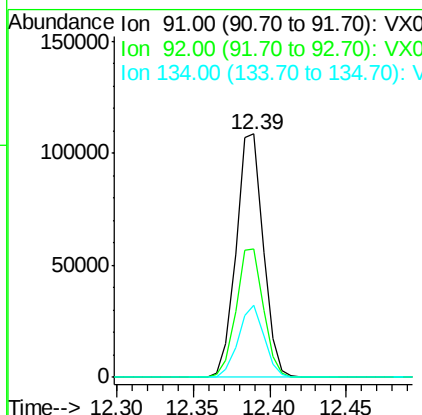
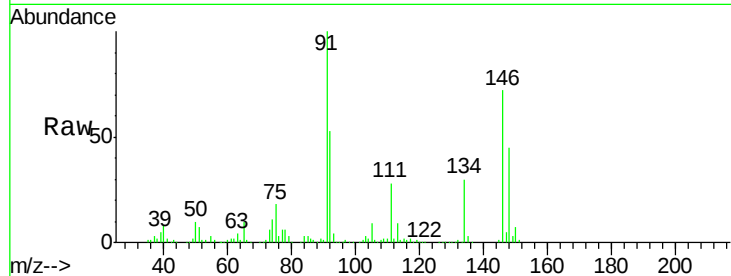




#89
n-Butylbenzene
Concen: 16.797 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

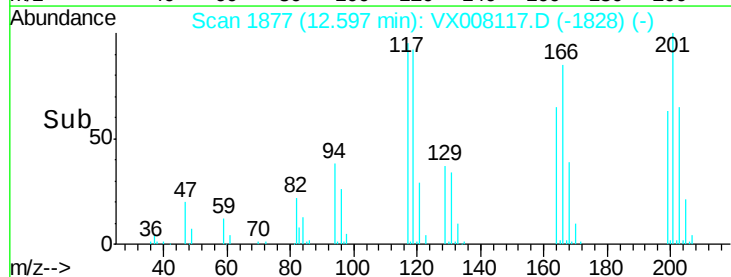
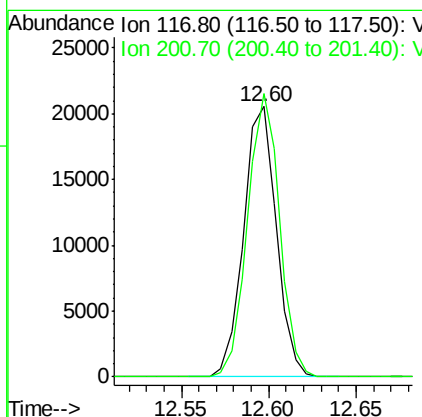
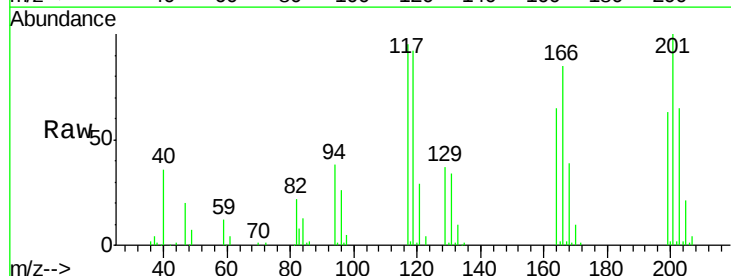
Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

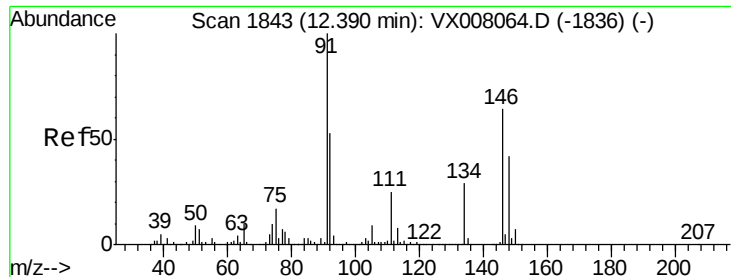
Tot Ion: 91 Resp: 133605
Ion Ratio Lower Upper
91 100
92 53.1 27.0 80.8
134 28.2 13.7 41.0



#90
Hexachloroethane
Concen: 17.552 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion: 117 Resp: 26702
Ion Ratio Lower Upper
117 100
201 102.2 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 18.530 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

Instrument :

MSVOA_X

ClientSampleId :

VX0315WBSD02

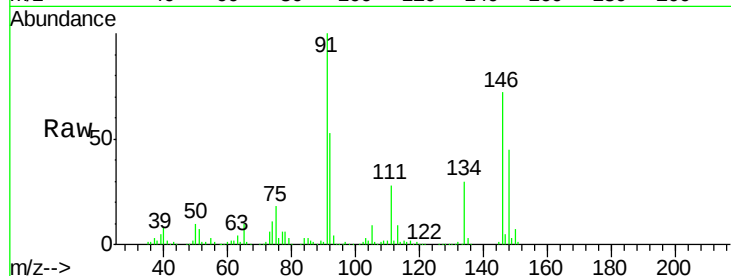
Tot Ion:146 Resp: 95406

Ion Ratio Lower Upper

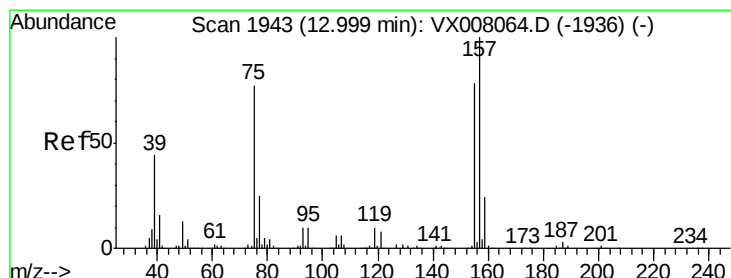
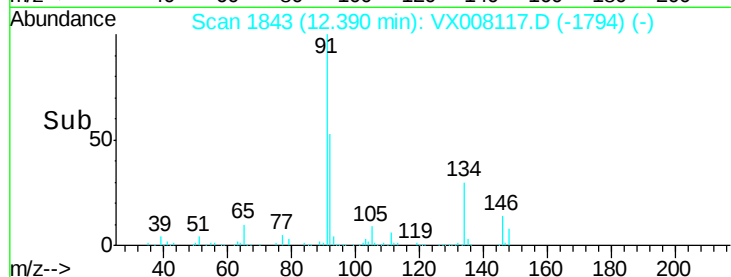
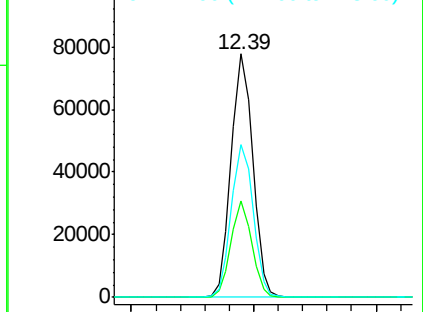
146 100

111 37.9 19.6 58.8

148 63.8 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.661 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008117.D

Acq: 15 Mar 2019 20:23

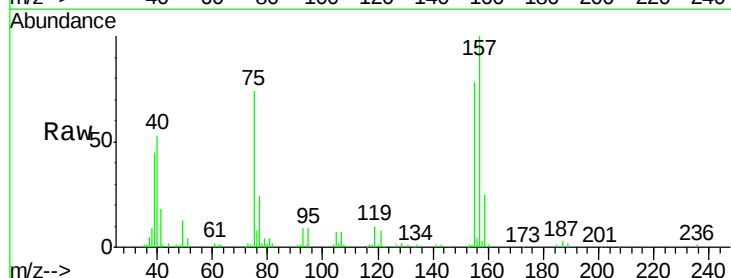
Tgt Ion: 75 Resp: 13206

Ion Ratio Lower Upper

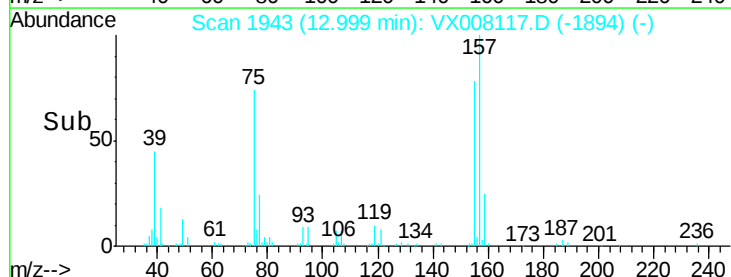
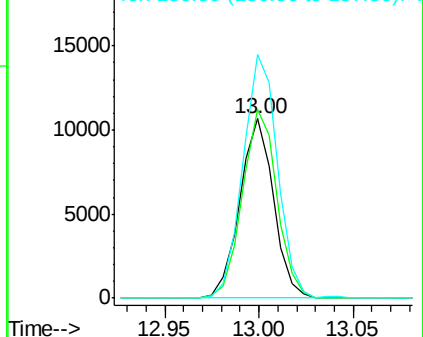
75 100

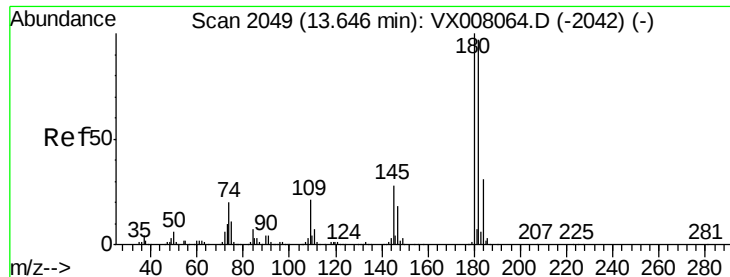
155 107.5 49.7 149.1

157 139.9 63.8 191.4



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

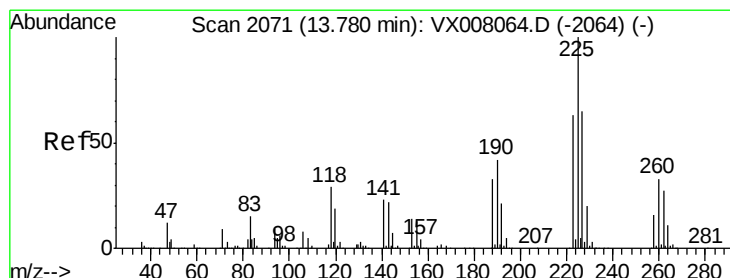
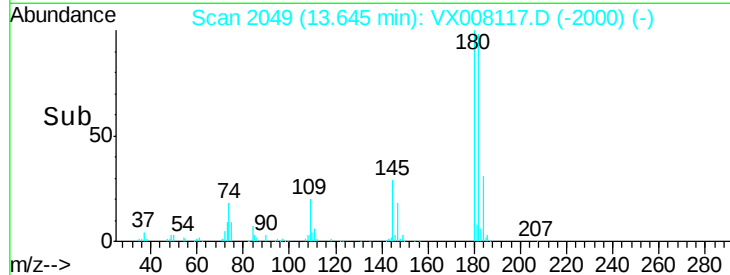
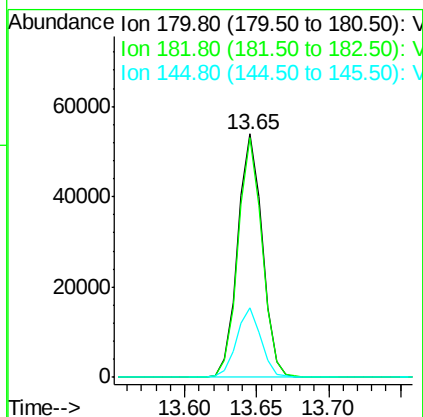
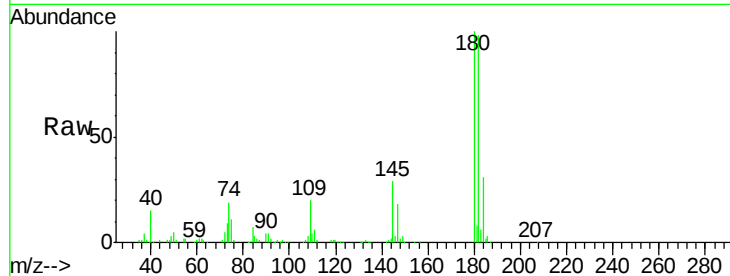




#93
 1,2,4-Trichlorobenzene
 Concen: 17.604 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

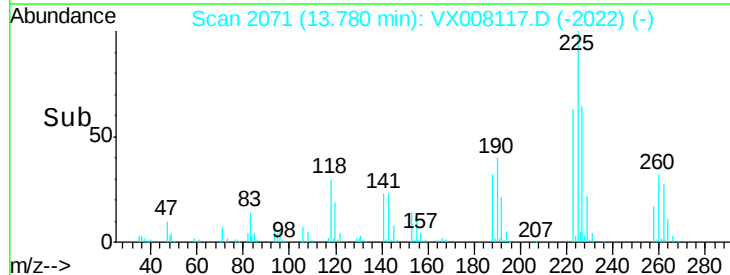
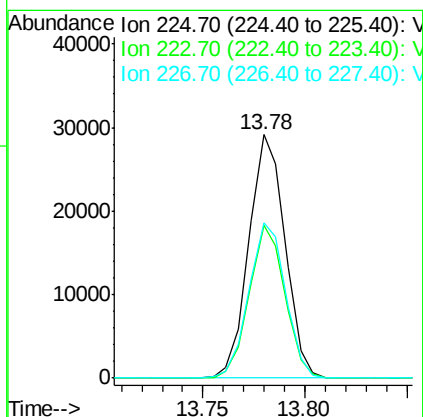
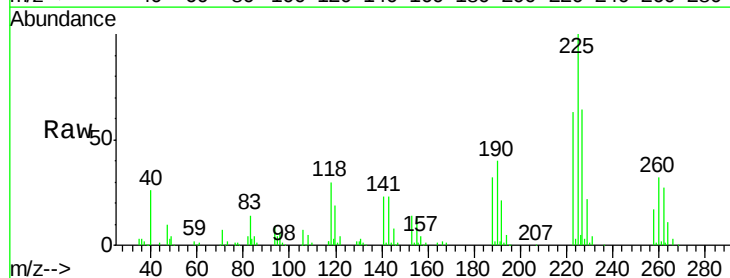
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD02

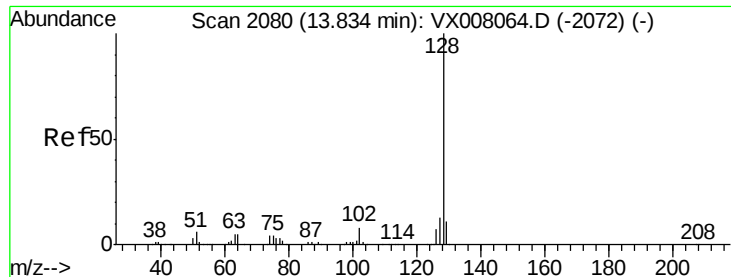
Tot Ion:180 Resp: 64206
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.7
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.118 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008117.D
 Acq: 15 Mar 2019 20:23

Tgt Ion:225 Resp: 35901
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.1 93.2
 227 64.7 32.0 96.0

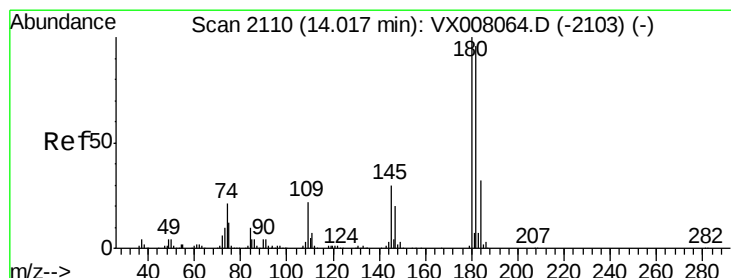
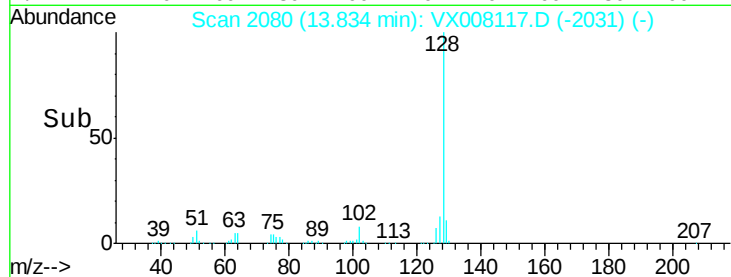
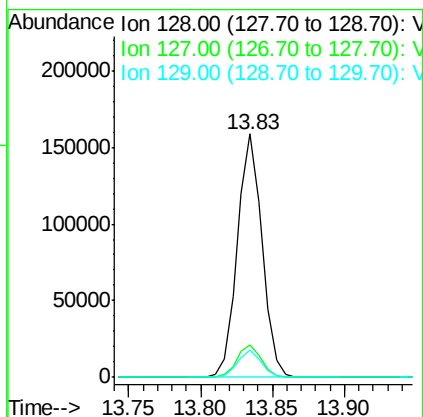
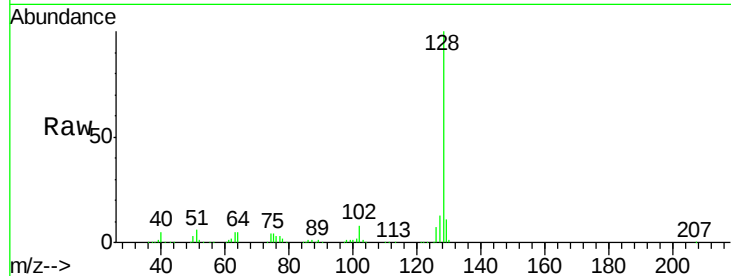




#95
Naphthalene
Concen: 18.498 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Instrument :
MSVOA_X
ClientSampleId :
VX0315WBSD02

Tot Ion:128 Resp: 189698
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.338 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008117.D
Acq: 15 Mar 2019 20:23

Tgt Ion:180 Resp: 65841
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 30.0 14.8 44.3

