

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008428.D
 Acq On : 25 Mar 2019 22:32
 Operator : JC/SP
 Sample : VX0325WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Quant Time: Mar 26 06:05:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	148677	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	5.50	113	109670	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	434953	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	156648	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40142	17.915	ug/l	99
3) Chloromethane	1.32	50	57260	19.861	ug/l	100
4) Vinyl Chloride	1.40	62	59312	18.958	ug/l	96
5) Bromomethane	1.64	94	31734	20.435	ug/l	99
6) Chloroethane	1.72	64	58721	31.683	ug/l	91
7) Trichlorofluoromethane	1.93	101	67782	19.129	ug/l	99
8) Diethyl Ether	2.18	74	32483	19.371	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40002	18.680	ug/l	100
10) Methyl Iodide	2.51	142	42529	22.855	ug/l	99
11) Tert butyl alcohol	3.04	59	64720	101.362	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41870	18.932	ug/l	94
13) Acrolein	2.29	56	19072	41.132	ug/l	98
14) Allyl chloride	2.73	41	90473	18.569	ug/l	99
15) Acrylonitrile	3.14	53	159966	95.544	ug/l	99
16) Acetone	2.44	43	140643	93.374	ug/l	98
17) Carbon Disulfide	2.57	76	124003	16.903	ug/l	100
18) Methyl Acetate	2.77	43	70829	19.579	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	155258	19.482	ug/l	99
20) Methylene Chloride	2.85	84	50482	20.154	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	44121	19.858	ug/l	98
22) Diisopropyl ether	3.85	45	184869	19.270	ug/l	100
23) Vinyl Acetate	3.81	43	828224	98.952	ug/l	100
24) 1,1-Dichloroethane	3.70	63	93007	19.203	ug/l	99
25) 2-Butanone	4.67	43	235543	97.543	ug/l	99
26) 2,2-Dichloropropane	4.59	77	55490	17.225	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	51574	19.071	ug/l	98
28) Bromochloromethane	5.02	49	49860	20.837	ug/l	100
29) Tetrahydrofuran	5.13	42	154109	96.832	ug/l	98
30) Chloroform	5.21	83	84961	19.437	ug/l	98
31) Cyclohexane	5.57	56	86386	18.701	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	67284	19.258	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64214	18.423	ug/l	99
37) Ethyl Acetate	4.83	43	89598	19.842	ug/l	99
38) Carbon Tetrachloride	5.79	117	55695	19.147	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77029	18.492	ug/l	98
40) Benzene	6.14	78	200285	19.194	ug/l	98
41) Methacrylonitrile	5.04	41	50282	19.815	ug/l	99
42) 1,2-Dichloroethane	6.19	62	71888	18.816	ug/l	99
43) Isopropyl Acetate	6.45	43	137953	19.100	ug/l	99
44) Trichloroethene	7.21	130	44379	18.113	ug/l	97
45) 1,2-Dichloropropane	7.51	63	56624	19.091	ug/l	99
46) Dibromomethane	7.66	93	32995	19.050	ug/l	98
47) Bromodichloromethane	7.90	83	64170	19.356	ug/l	100
48) Methyl methacrylate	7.77	41	70001	19.370	ug/l	99
49) 1,4-Dioxane	7.74	88	28820	401.077	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	462931	98.682	ug/l	100
52) Toluene	8.78	92	119005	19.073	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67086	18.475	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	77130	18.680	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49756	19.590	ug/l	99
56) Ethyl methacrylate	9.18	69	89281	19.474	ug/l	99
57) 1,3-Dichloropropane	9.37	76	87890	19.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	217850	91.925	ug/l	100
59) 2-Hexanone	9.49	43	357642	98.390	ug/l	100
60) Dibromochloromethane	9.58	129	45868	18.990	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49410	19.063	ug/l	97
64) Tetrachloroethene	9.34	164	36388	18.451	ug/l	99
65) Chlorobenzene	10.13	112	120681	19.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	42270	19.339	ug/l	99
67) Ethyl Benzene	10.25	91	226538	18.947	ug/l	99
68) m/p-Xylenes	10.36	106	165395	38.025	ug/l	100
69) o-Xylene	10.69	106	80614	19.098	ug/l	100
70) Styrene	10.71	104	139277	19.102	ug/l	100
71) Bromoform	10.85	173	32044	18.564	ug/l #	99
73) Isopropylbenzene	11.02	105	216056	19.905	ug/l	100
74) N-amyl acetate	10.90	43	125885	20.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84323	20.022	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	88206	22.237	ug/l	83
77) Bromobenzene	11.26	156	49877	18.933	ug/l	98
78) n-propylbenzene	11.36	91	249048	19.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	149110	19.280	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180921	19.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22560	18.216	ug/l	92
82) 4-Chlorotoluene	11.51	91	170329	19.093	ug/l	100
83) tert-Butylbenzene	11.77	119	172350	19.466	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180539	19.451	ug/l	99
85) sec-Butylbenzene	11.94	105	206758	19.610	ug/l	99
86) p-Isopropyltoluene	12.06	119	183023	19.673	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	86538	18.385	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	88820	18.698	ug/l	99
89) n-Butylbenzene	12.38	91	166160	18.854	ug/l	99
90) Hexachloroethane	12.60	117	29319	18.916	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89423	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18567	20.219	ug/l	100

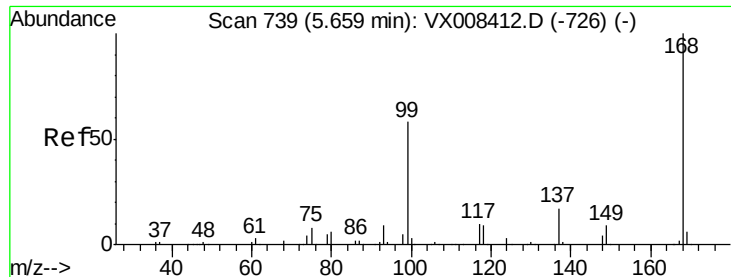
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX032519\
Data File : VX008428.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue Mar 26 04:58:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58393	18.400	ug/l	99
94) Hexachlorobutadiene	13.78	225	28273	18.763	ug/l	99
95) Naphthalene	13.83	128	219690	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61644	19.331	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

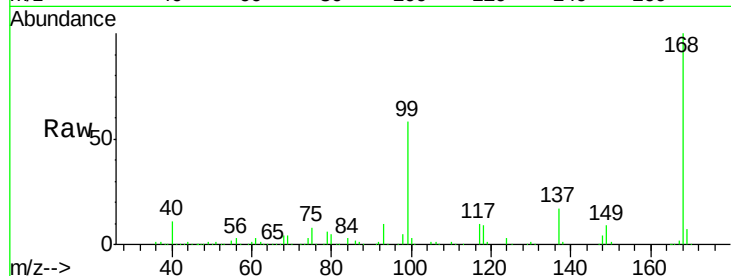
VX0325WBSD01

Tot Ion:168 Resp: 190095

Ion Ratio Lower Upper

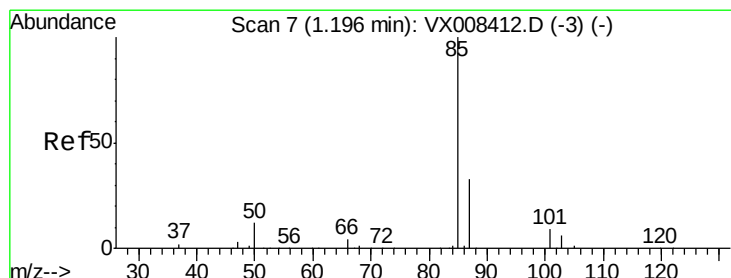
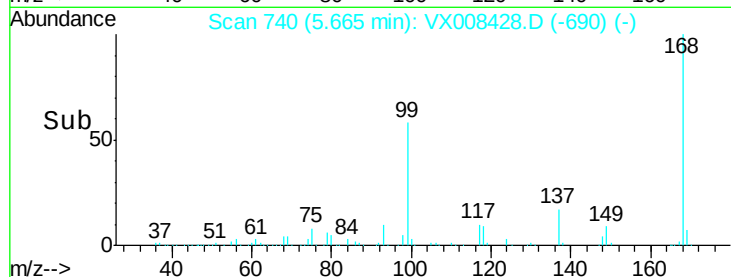
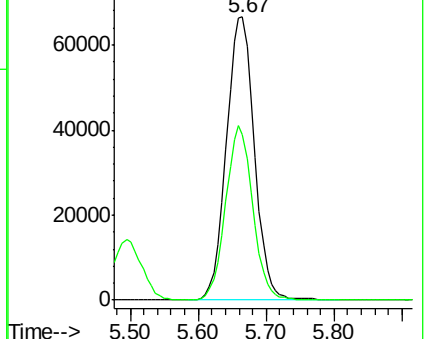
168 100

99 58.3 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.915 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008428.D

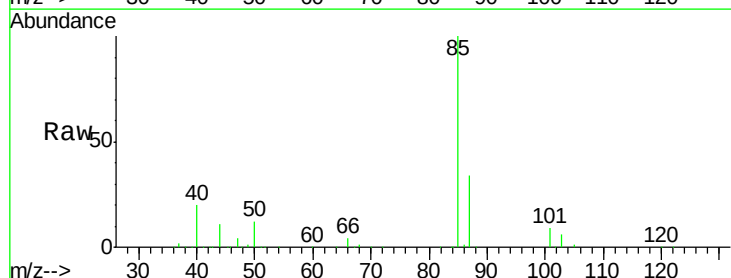
Acq: 25 Mar 2019 22:32

Tgt Ion: 85 Resp: 40142

Ion Ratio Lower Upper

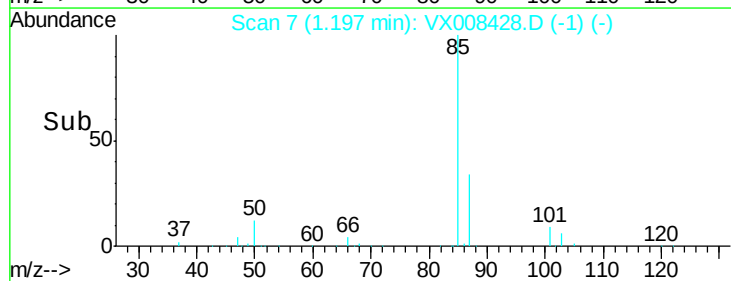
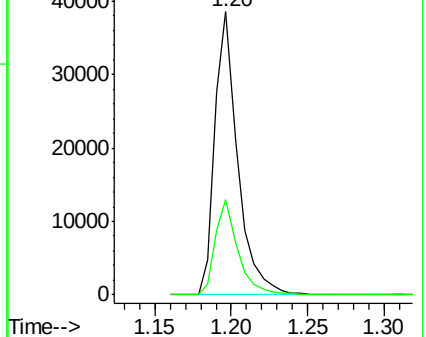
85 100

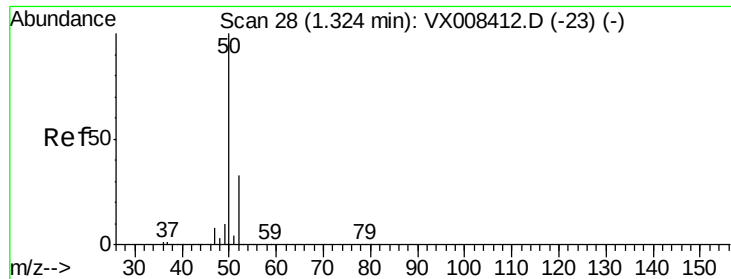
87 33.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.861 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

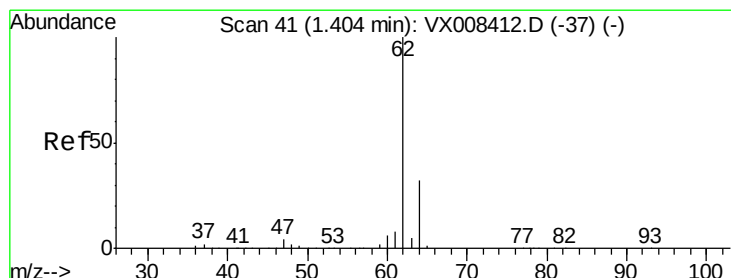
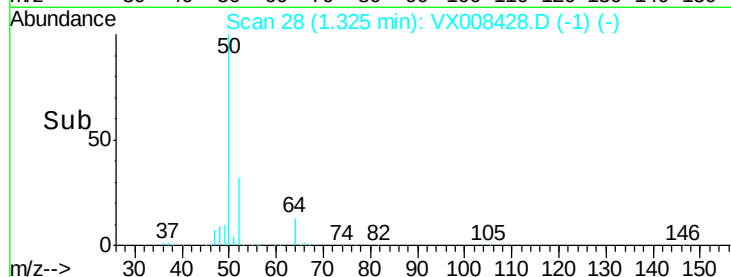
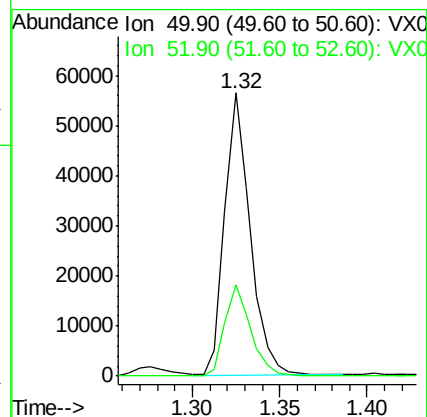
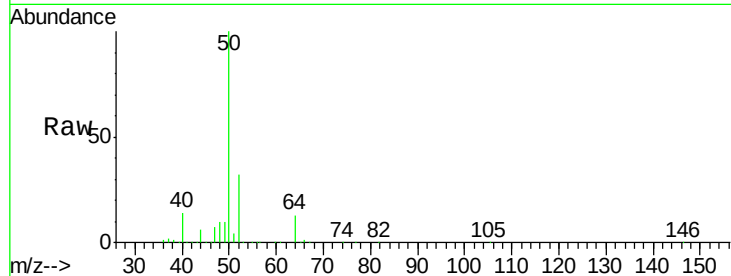
VX0325WBSD01

Tot Ion: 50 Resp: 57260

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 18.958 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX008428.D

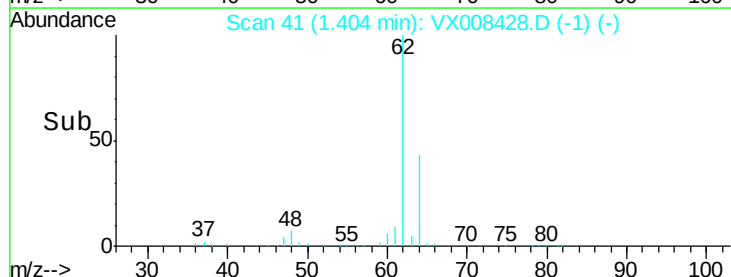
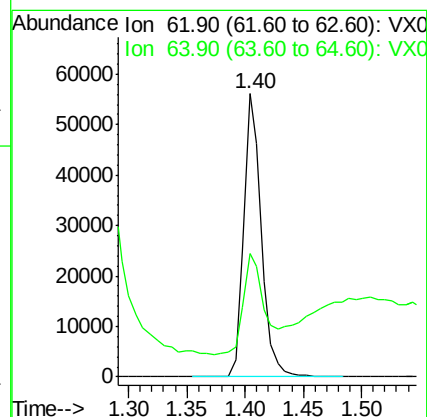
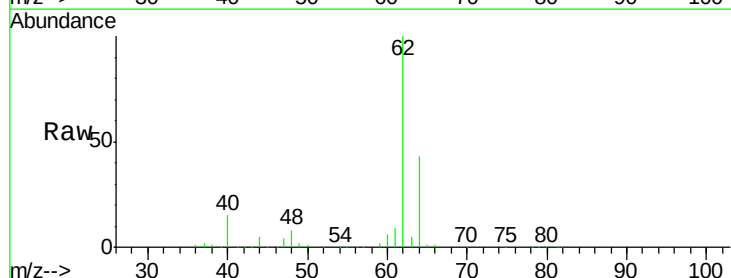
Acq: 25 Mar 2019 22:32

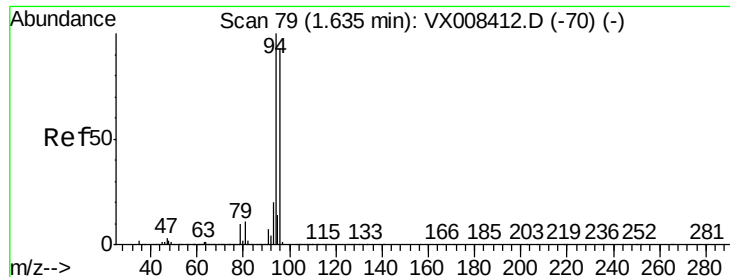
Tgt Ion: 62 Resp: 59312

Ion Ratio Lower Upper

62 100

64 34.2 25.5 38.3





#5

Bromomethane

Concen: 20.435 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

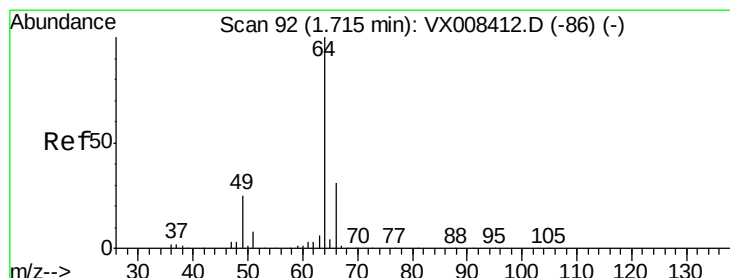
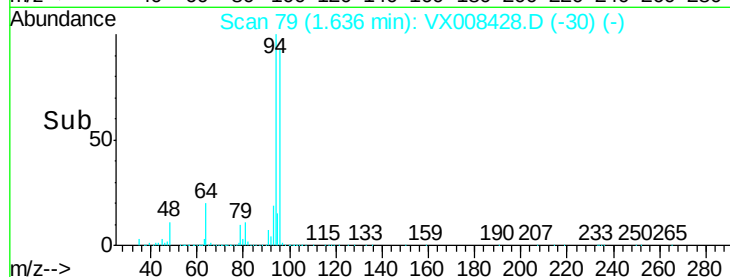
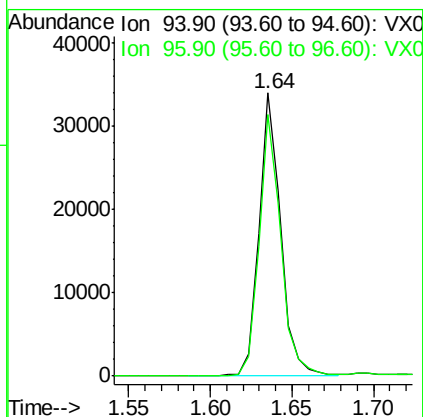
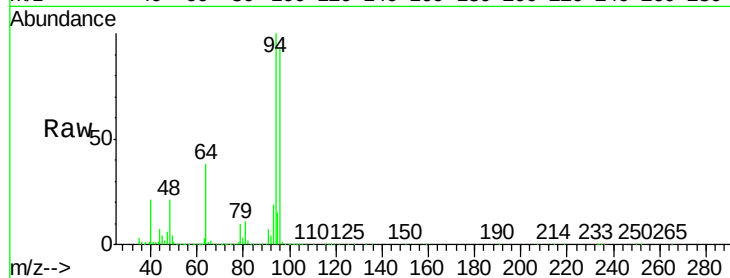
VX0325WBSD01

Tot Ion: 94 Resp: 31734

Ion Ratio Lower Upper

94 100

96 92.2 74.8 112.2



#6

Chloroethane

Concen: 31.683 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008428.D

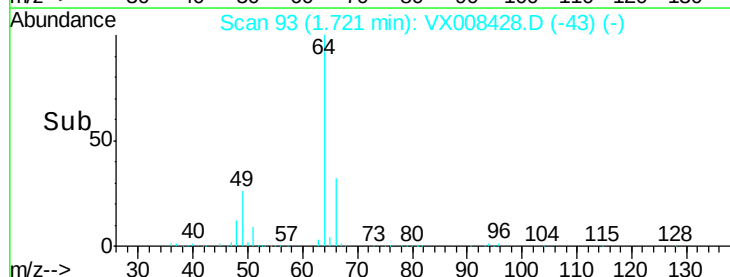
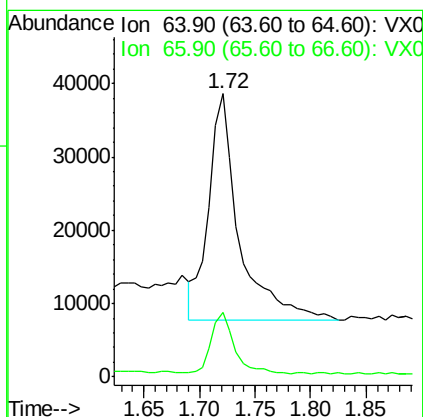
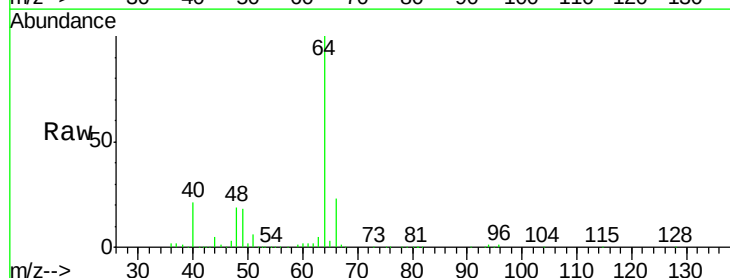
Acq: 25 Mar 2019 22:32

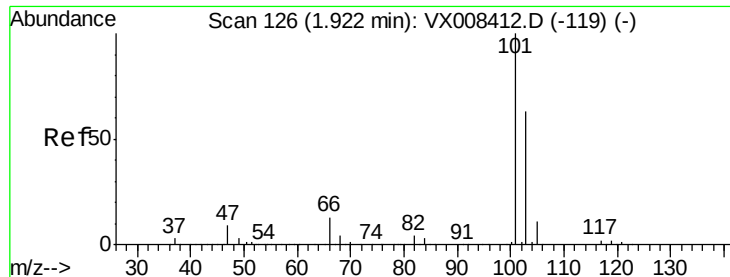
Tgt Ion: 64 Resp: 58721

Ion Ratio Lower Upper

64 100

66 26.6 25.1 37.7



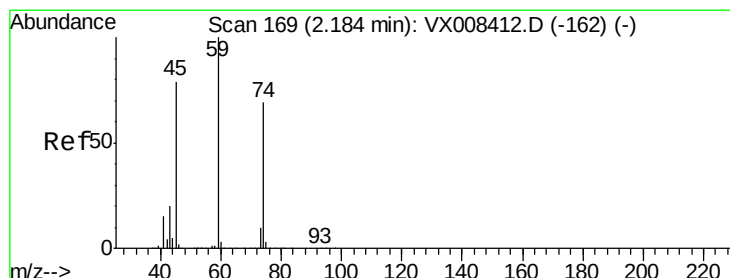
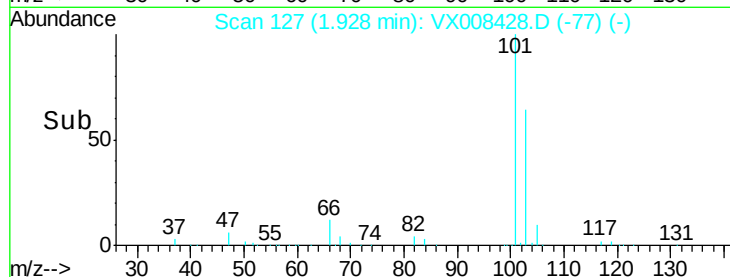
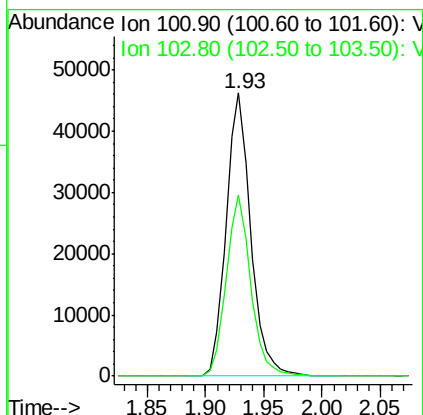
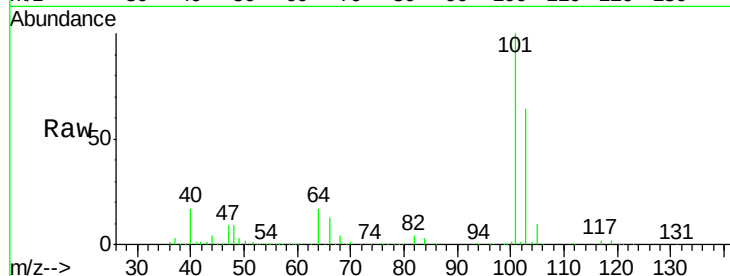


#7

Trichlorofluoromethane
Concen: 19.129 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

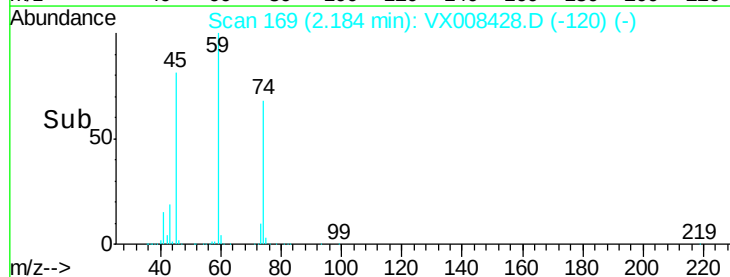
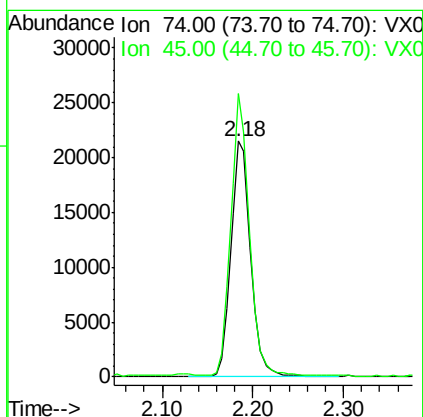
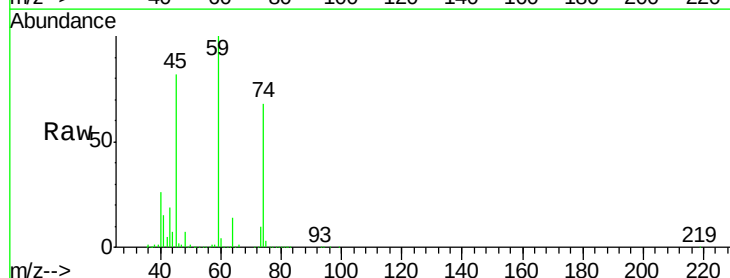
Tot Ion:101 Resp: 67782
Ion Ratio Lower Upper
101 100
103 63.9 50.2 75.4

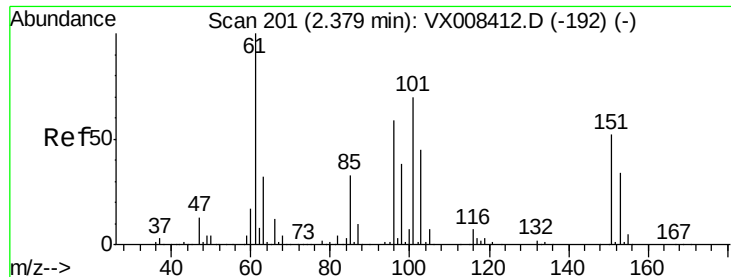


#8

Diethyl Ether
Concen: 19.371 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 74 Resp: 32483
Ion Ratio Lower Upper
74 100
45 111.6 56.4 169.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.680 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

VX0325WBSD01

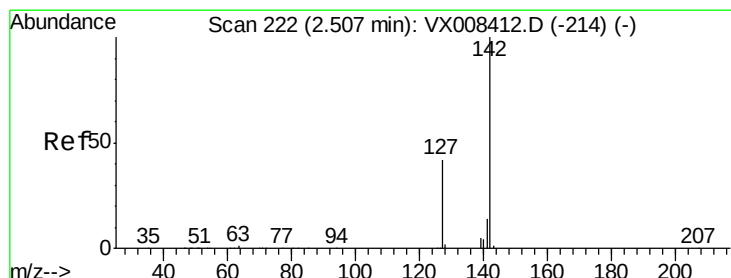
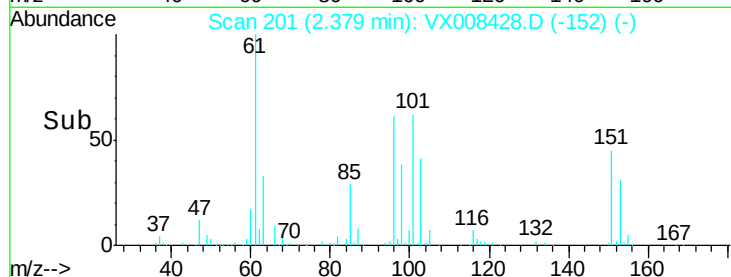
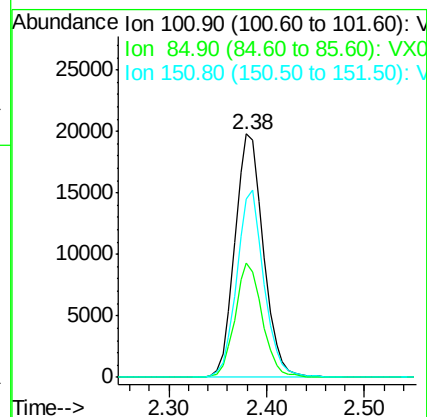
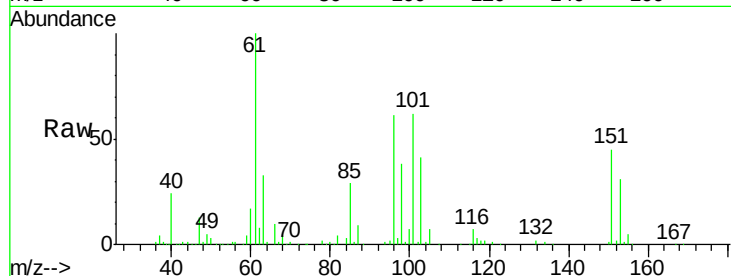
Tot Ion:101 Resp: 40002

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

151 73.3 59.2 88.8



#10

Methyl Iodide

Concen: 22.855 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

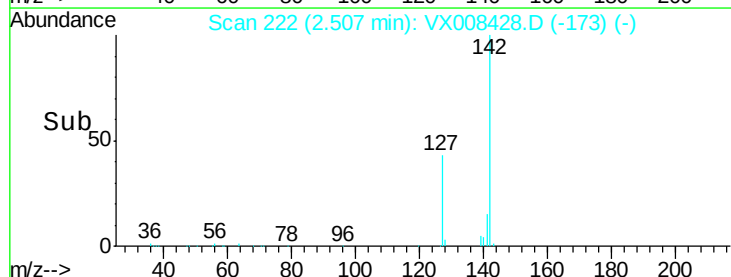
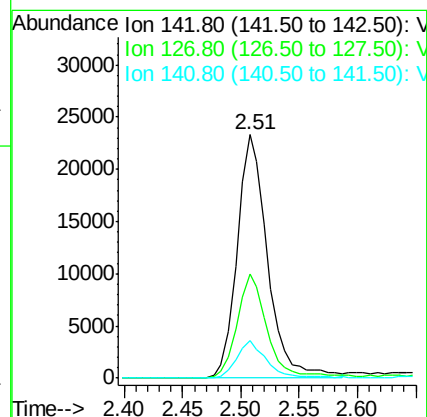
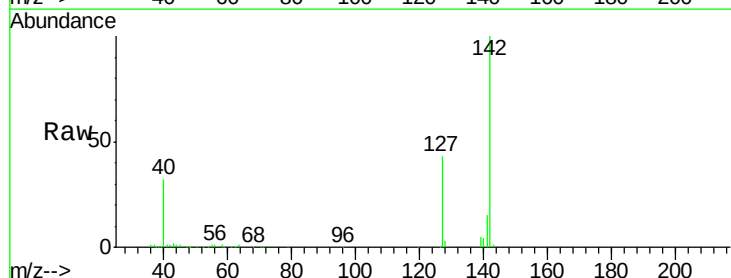
Tgt Ion:142 Resp: 42529

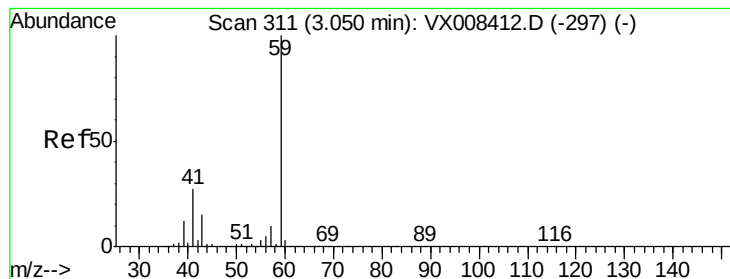
Ion Ratio Lower Upper

142 100

127 42.8 33.6 50.4

141 14.6 11.3 16.9



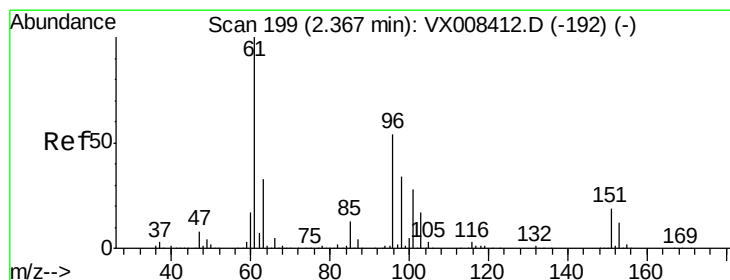
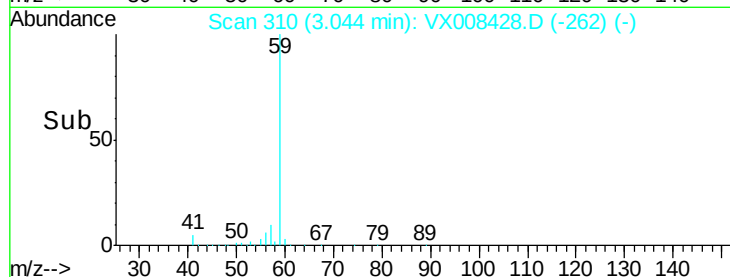
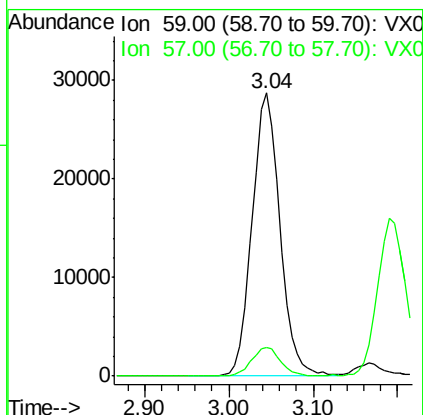
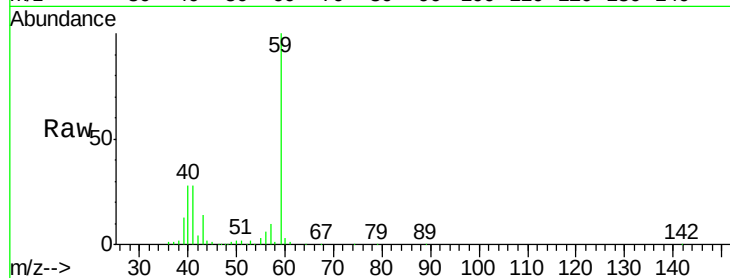


#11

Tert butyl alcohol
Concen: 101.362 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

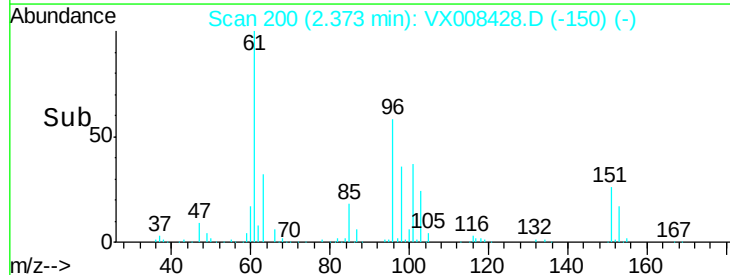
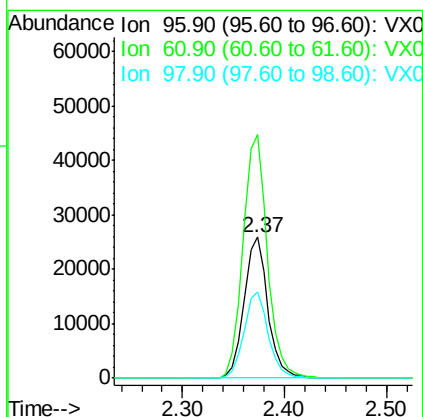
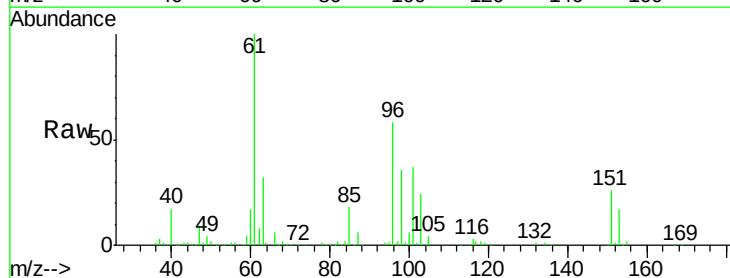
Tot Ion: 59 Resp: 64720
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

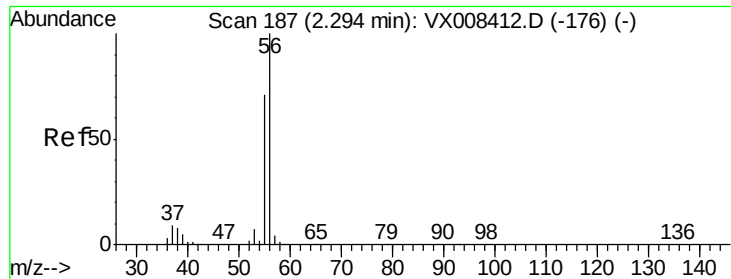


#12

1,1-Dichloroethene
Concen: 18.932 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 96 Resp: 41870
Ion Ratio Lower Upper
96 100
61 173.1 146.9 220.3
98 61.6 50.1 75.1





#13

Acrolein

Concen: 41.132 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

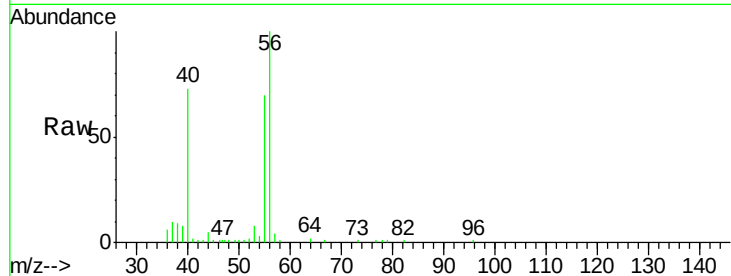
VX0325WBSD01

Tot Ion: 56 Resp: 19072

Ion Ratio Lower Upper

56 100

55 69.1 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

12000

10000

8000

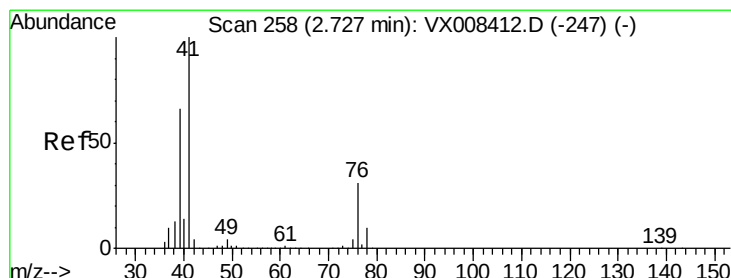
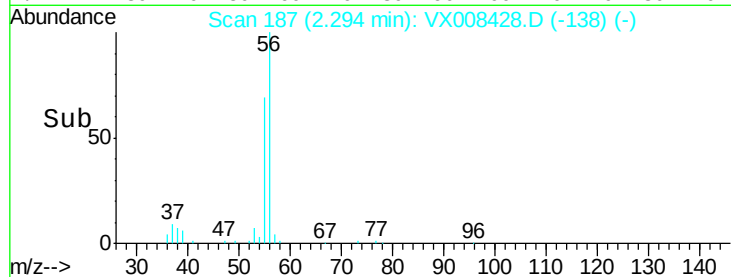
6000

4000

2000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.569 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

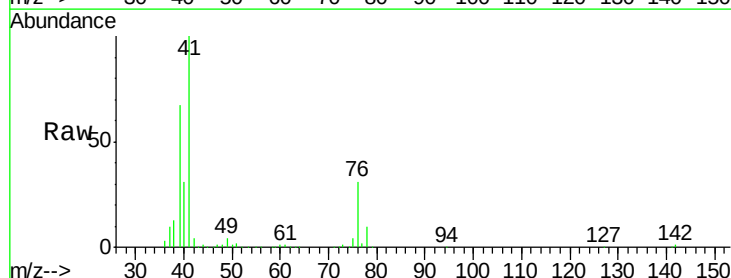
Tgt Ion: 41 Resp: 90473

Ion Ratio Lower Upper

41 100

39 62.3 49.6 74.4

76 27.7 22.6 34.0



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

2.73

60000

50000

40000

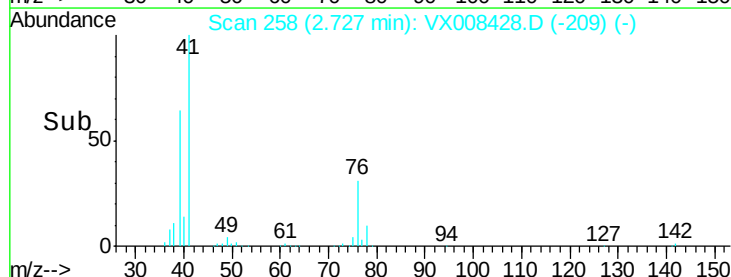
30000

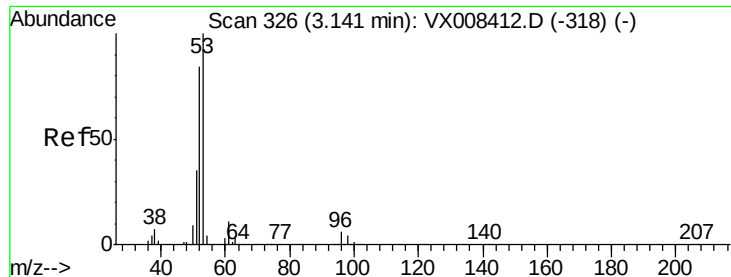
20000

10000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 95.544 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

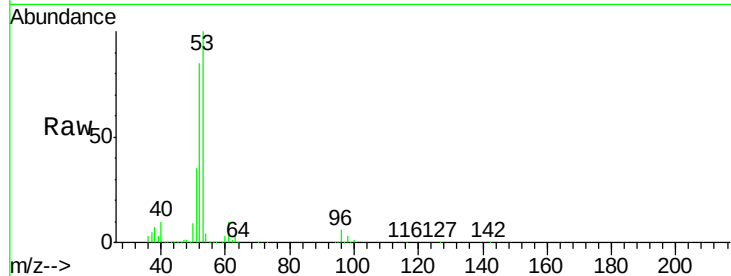
Tot Ion: 53 Resp: 159966

Ion Ratio Lower Upper

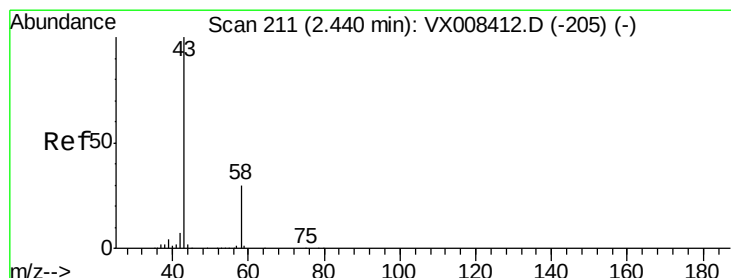
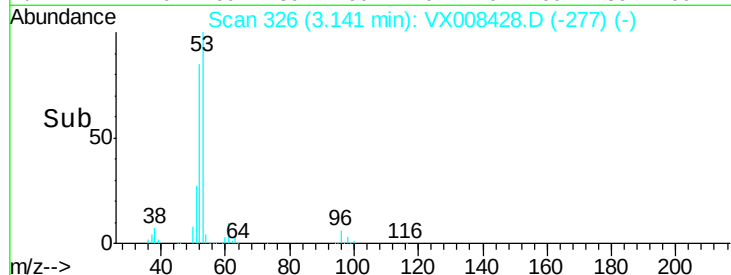
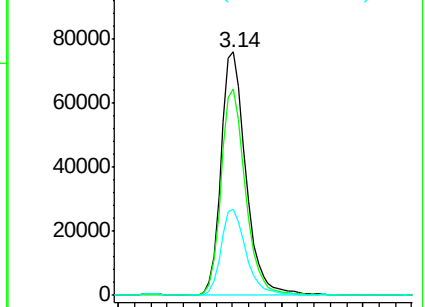
53 100

52 83.4 66.5 99.7

51 36.1 28.3 42.5



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: 93.374 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008428.D

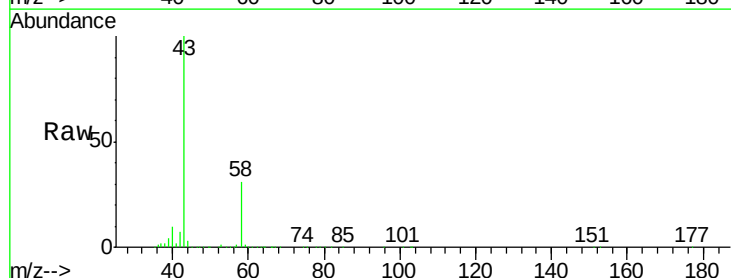
Acq: 25 Mar 2019 22:32

Tgt Ion: 43 Resp: 140643

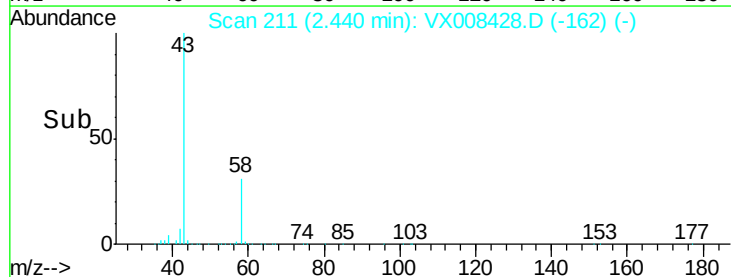
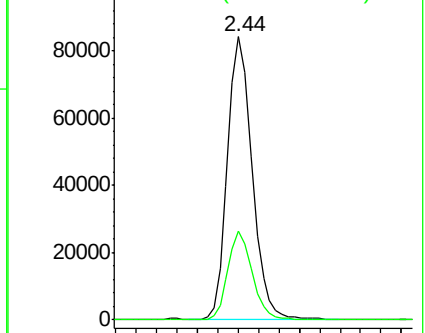
Ion Ratio Lower Upper

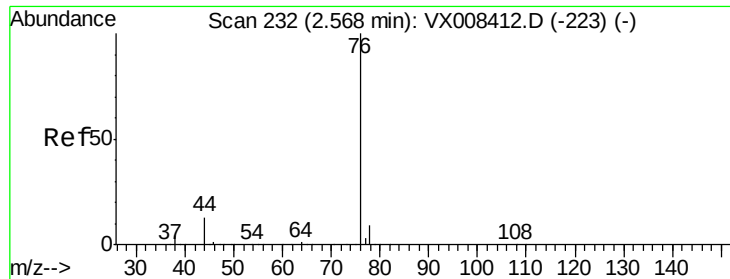
43 100

58 31.2 24.2 36.2



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

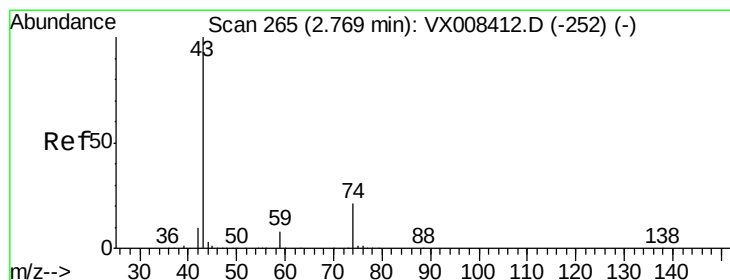
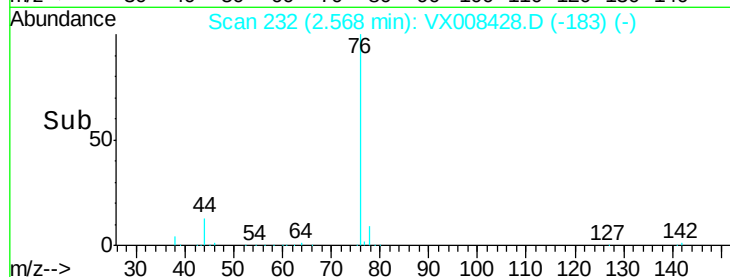
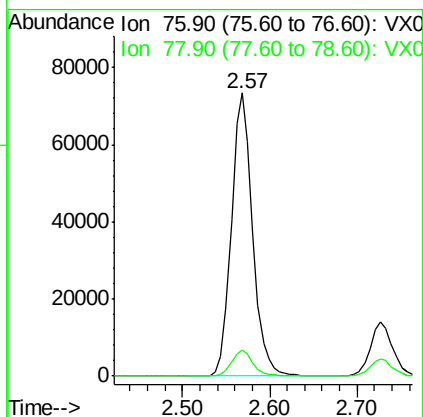
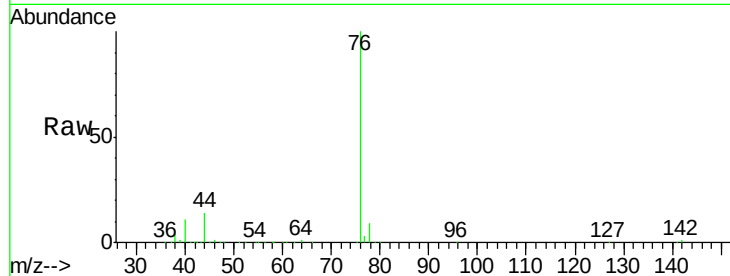




#17
Carbon Disulfide
Concen: 16.903 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

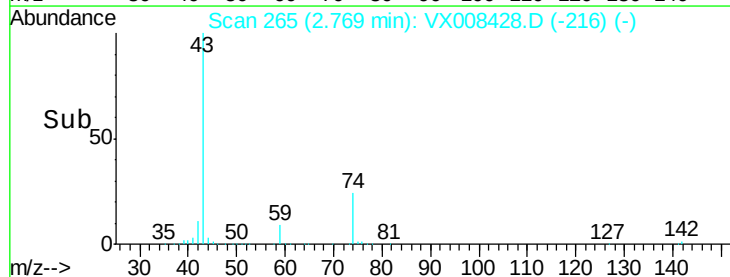
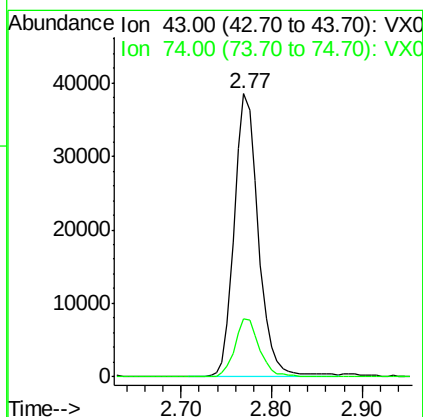
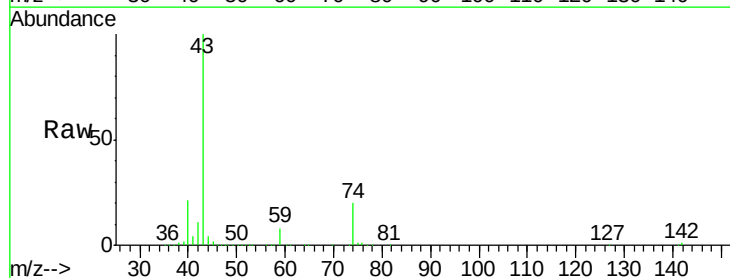
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

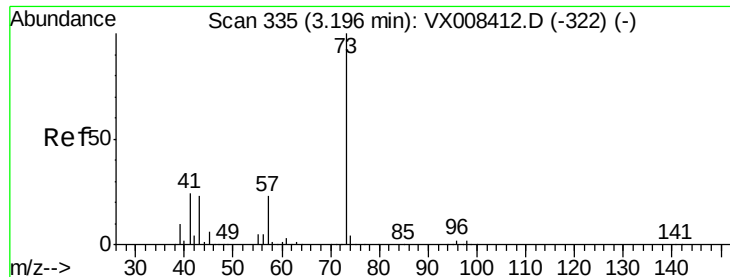
Tot Ion: 76 Resp: 124003
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 19.579 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 43 Resp: 70829
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1



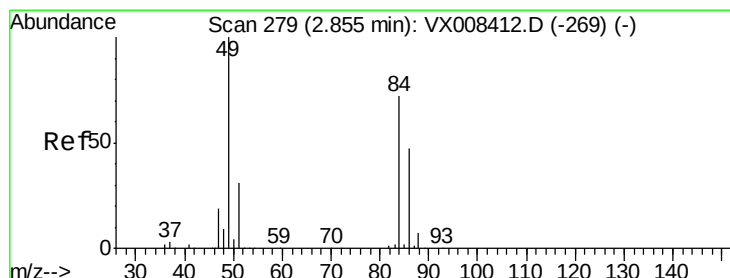
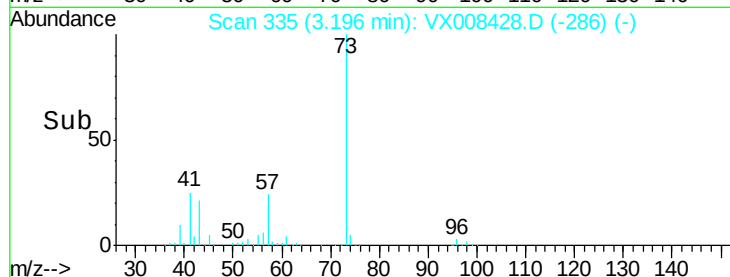
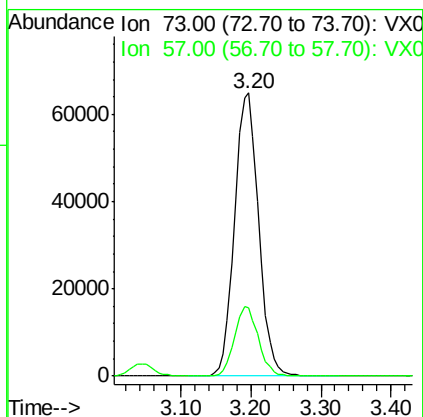
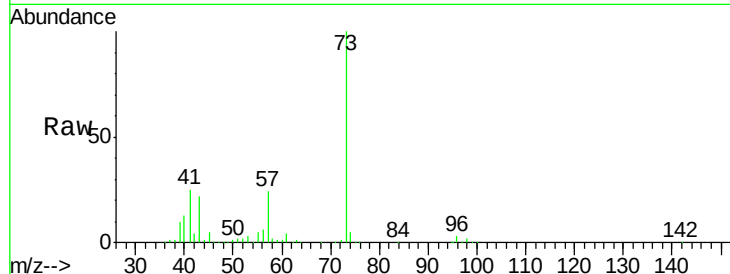


#19

Methvl tert-butyl Ether
 Concen: 19.482 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

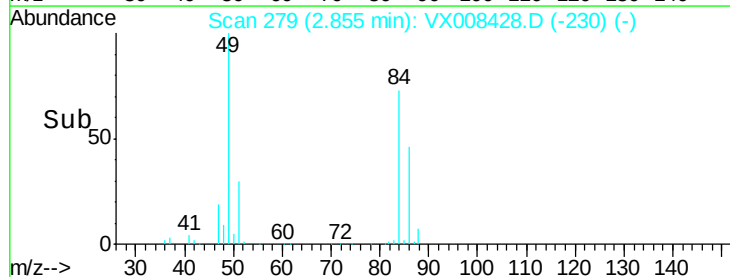
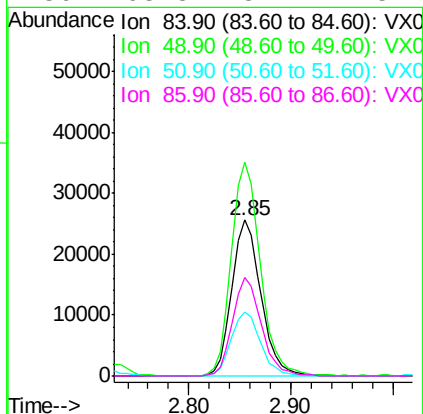
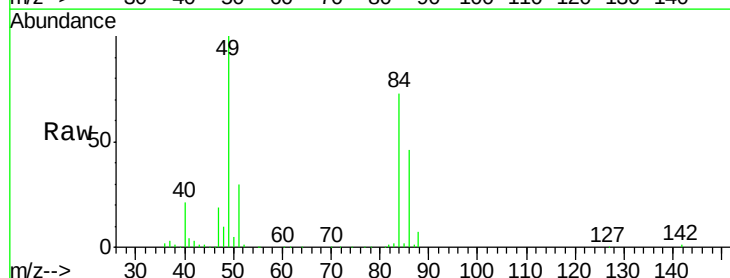
Tot Ion: 73 Resp: 155258
 Ion Ratio Lower Upper
 73 100
 57 24.0 18.6 28.0

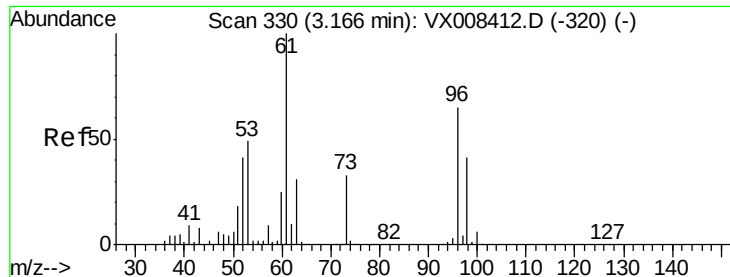


#20

Methylene Chloride
 Concen: 20.154 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 84 Resp: 50482
 Ion Ratio Lower Upper
 84 100
 49 137.3 110.6 165.8
 51 41.1 33.9 50.9
 86 63.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 19.858 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

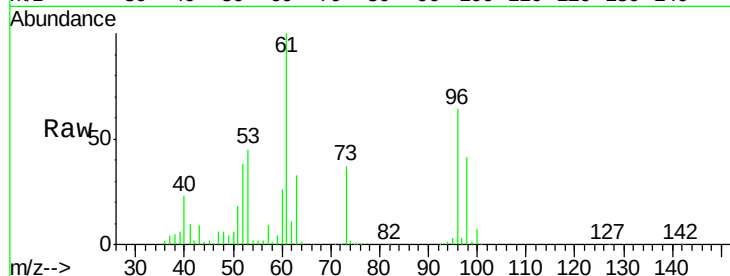
Tot Ion: 96 Resp: 44121

Ion Ratio Lower Upper

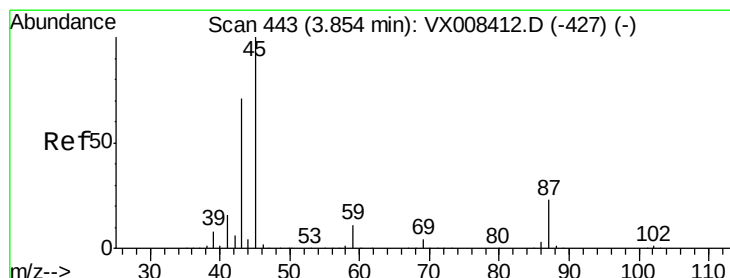
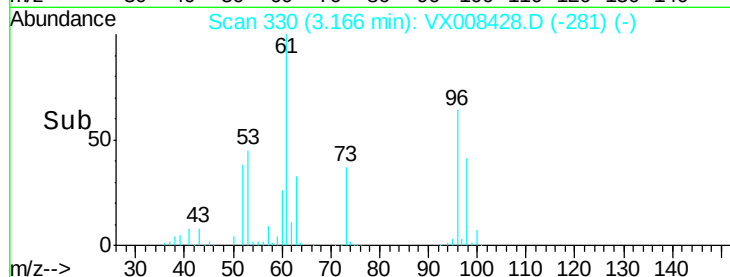
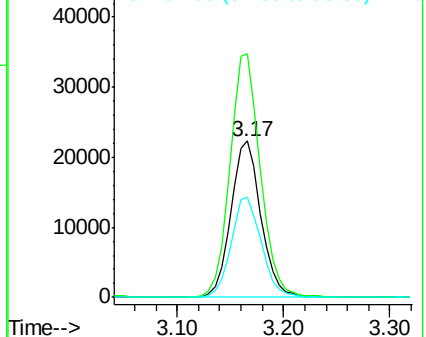
96 100

61 155.8 122.6 184.0

98 64.5 50.9 76.3



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



#22

Diisopropyl ether

Concen: 19.270 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion: 45 Resp: 184869

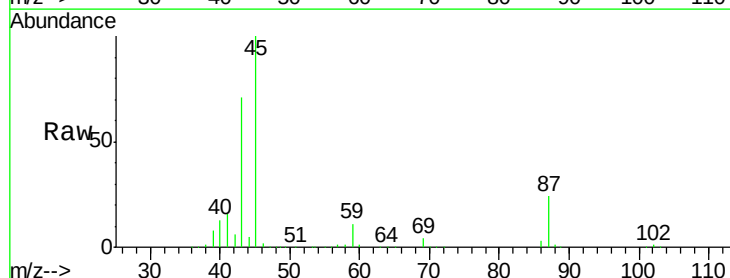
Ion Ratio Lower Upper

45 100

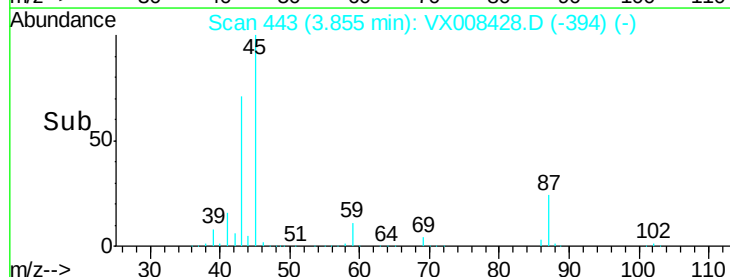
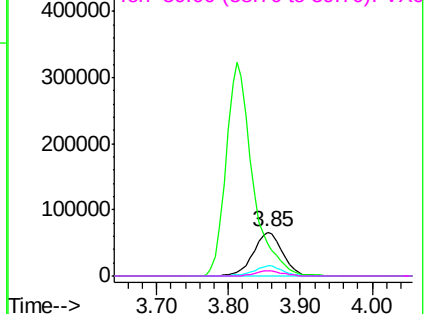
43 71.4 57.1 85.7

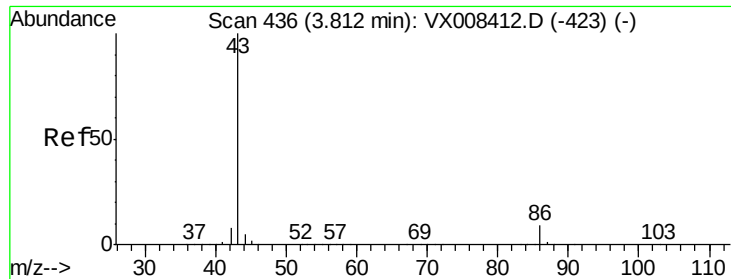
87 23.8 18.8 28.2

59 11.0 8.7 13.1



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: 98.952 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

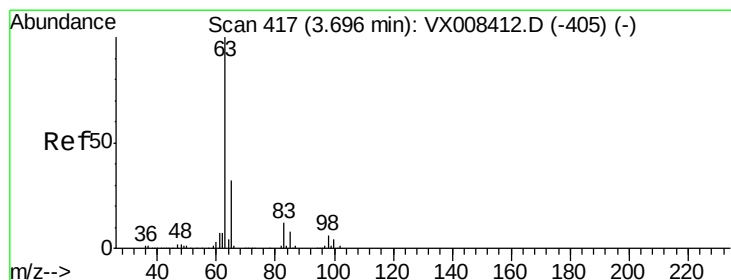
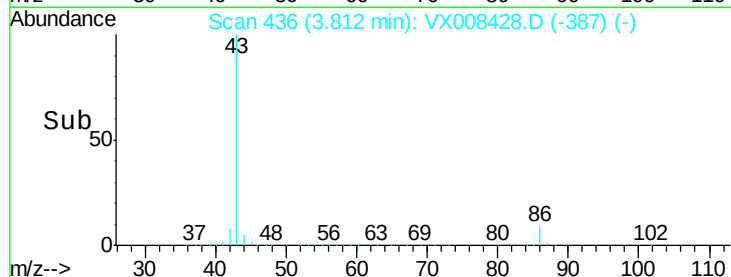
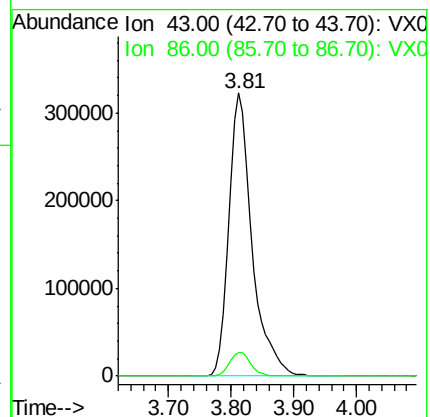
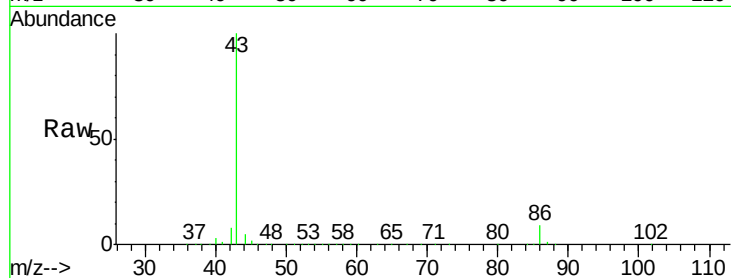
VX0325WBSD01

Tot Ion: 43 Resp: 828224

Ion Ratio Lower Upper

43 100

86 8.5 6.9 10.3



#24

1,1-Dichloroethane

Concen: 19.203 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

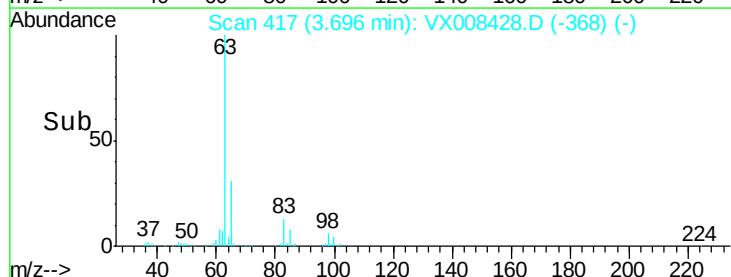
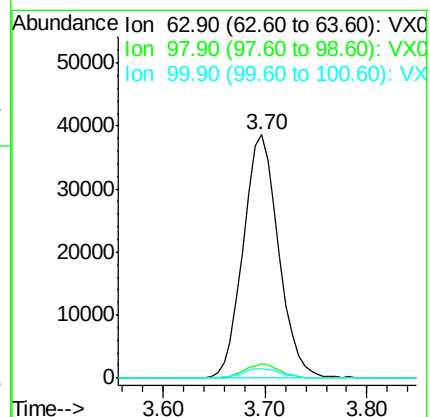
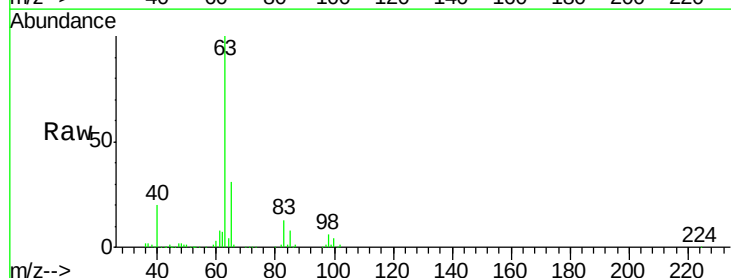
Tgt Ion: 63 Resp: 93007

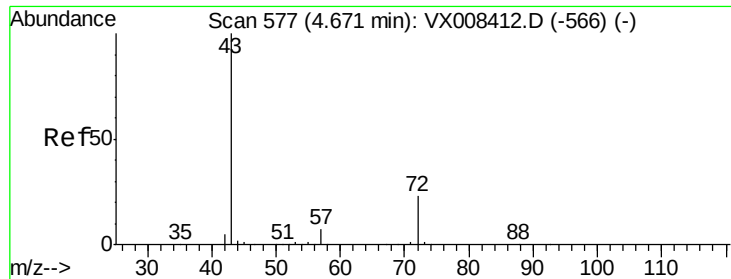
Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 4.1 2.0 5.8





#25

2-Butanone

Concen: 97.543 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

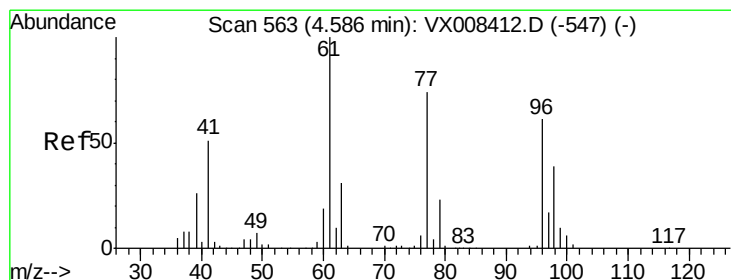
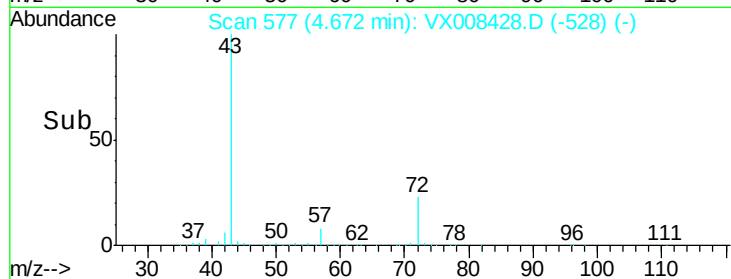
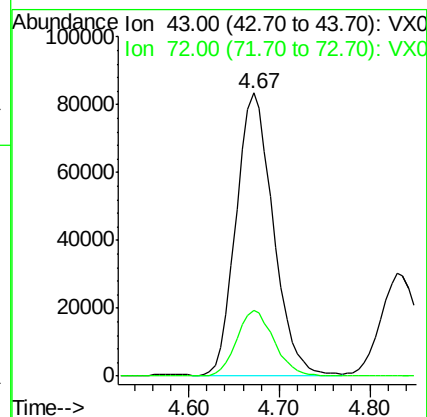
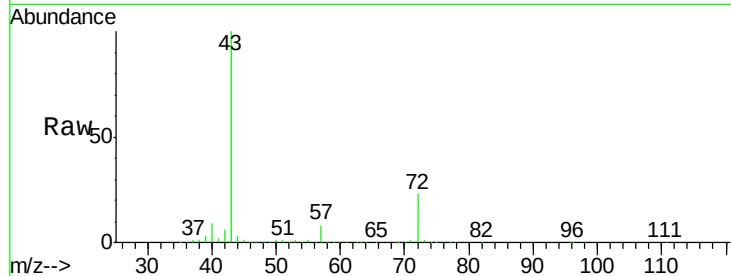
VX0325WBSD01

Tot Ion: 43 Resp: 235543

Ion Ratio Lower Upper

43 100

72 23.0 18.6 28.0



#26

2,2-Dichloropropane

Concen: 17.225 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008428.D

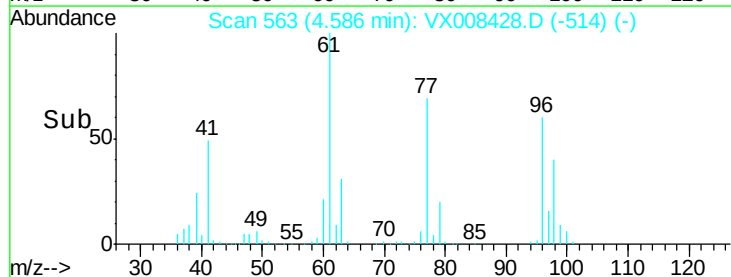
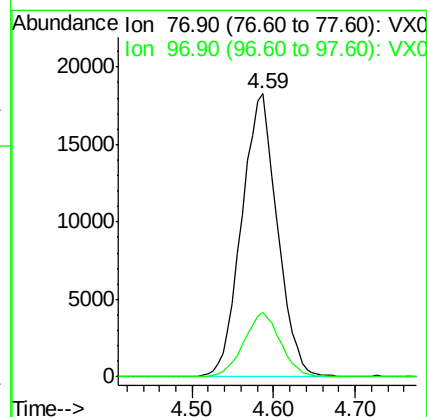
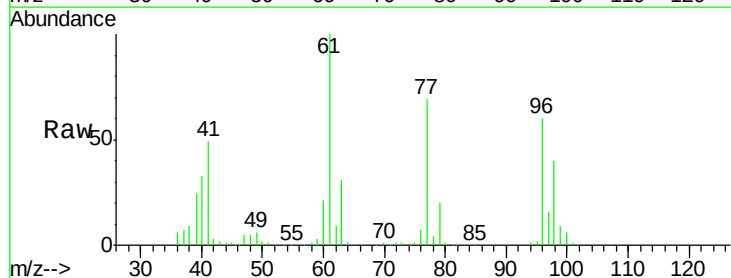
Acq: 25 Mar 2019 22:32

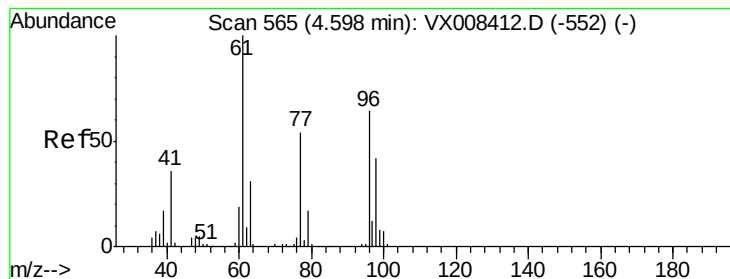
Tgt Ion: 77 Resp: 55490

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6



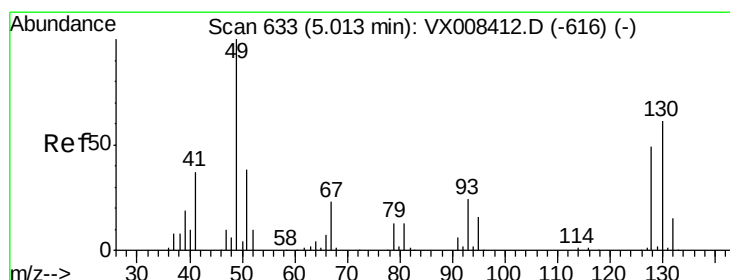
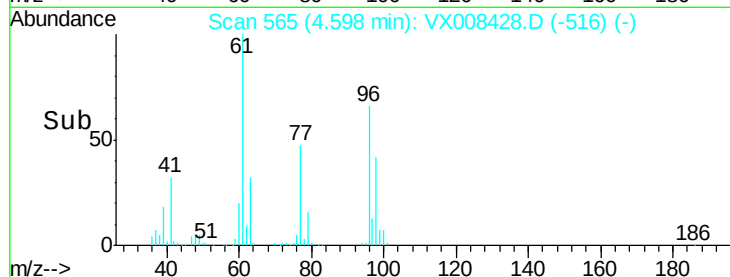
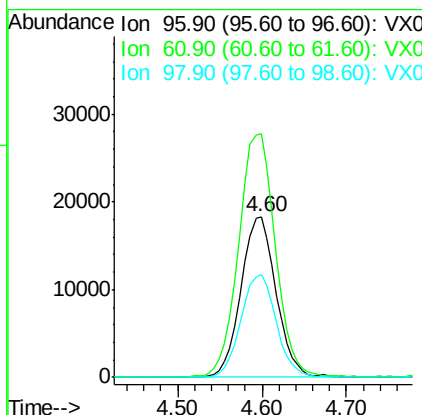
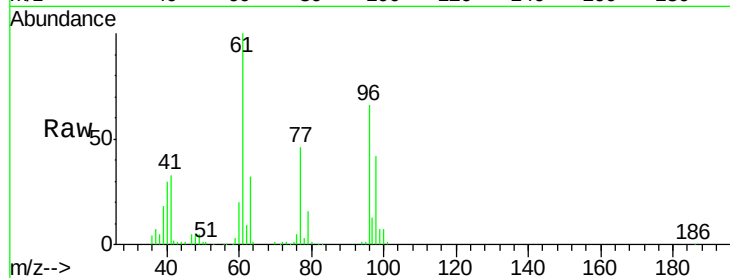


#27

cis-1,2-Dichloroethene
 Concen: 19.071 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

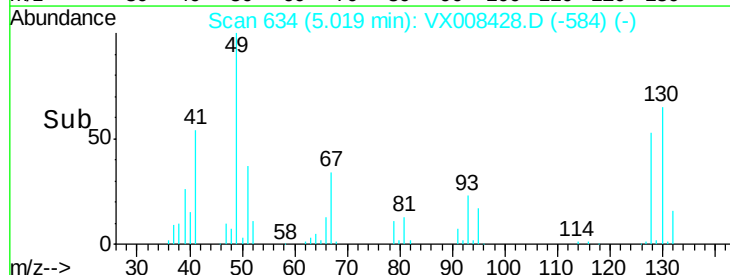
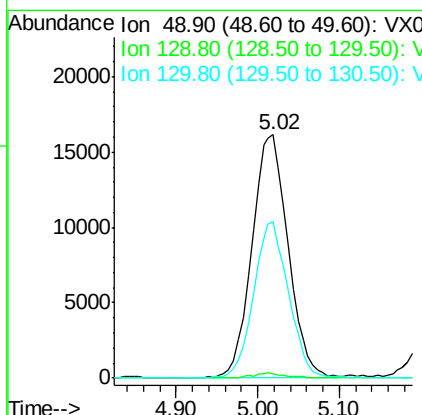
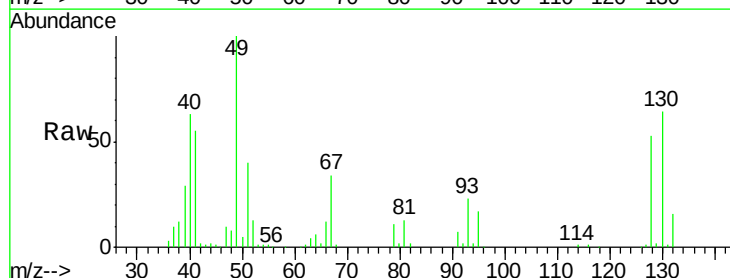
Tot Ion: 96 Resp: 51574
 Ion Ratio Lower Upper
 96 100
 61 158.6 0.0 325.6
 98 64.5 0.0 130.0

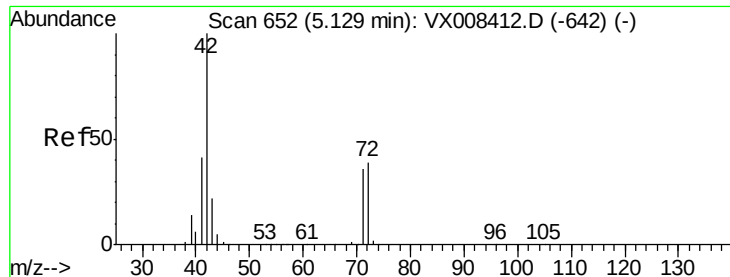


#28

Bromochloromethane
 Concen: 20.837 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 49 Resp: 49860
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 3.4
 130 62.1 49.8 74.6





#29

Tetrahydrofuran

Concen: 96.832 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

VX0325WBSD01

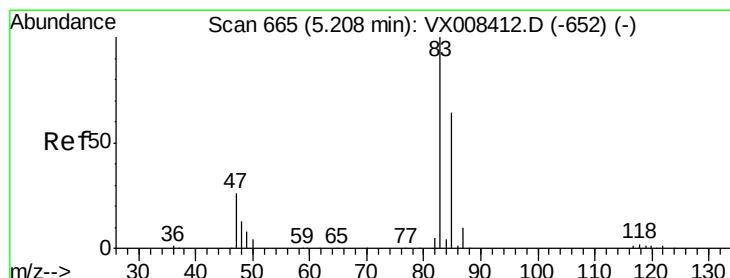
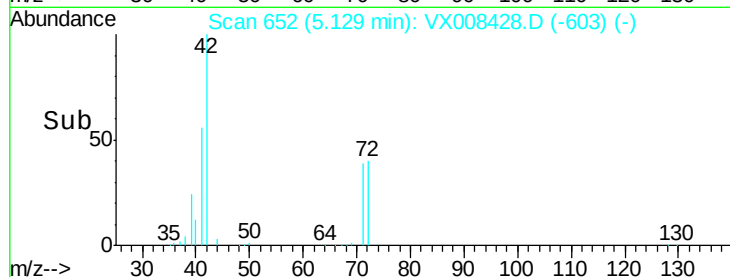
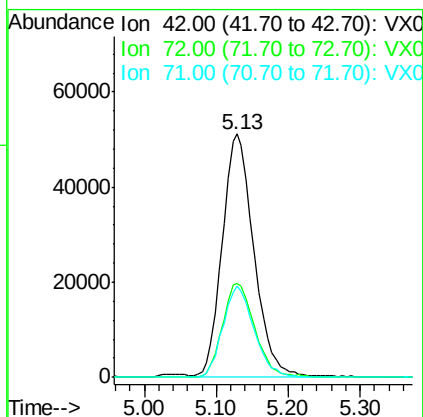
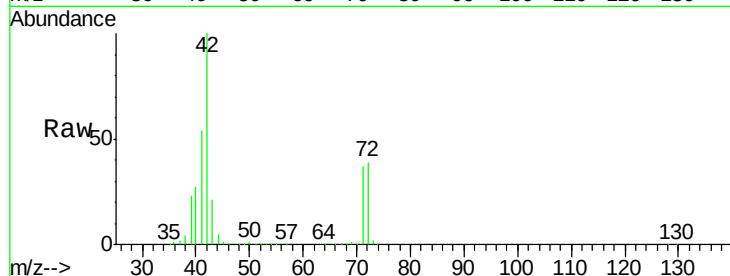
Tot Ion: 42 Resp: 154109

Ion Ratio Lower Upper

42 100

72 40.3 31.4 47.2

71 37.7 29.4 44.2



#30

Chloroform

Concen: 19.437 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX008428.D

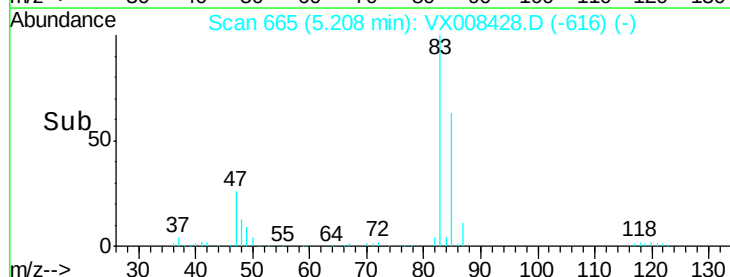
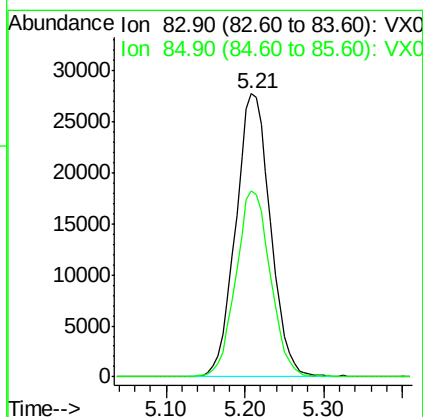
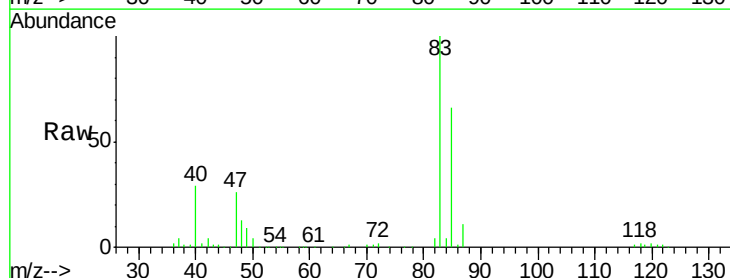
Acq: 25 Mar 2019 22:32

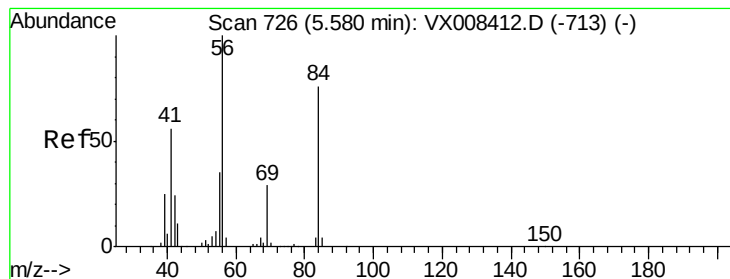
Tgt Ion: 83 Resp: 84961

Ion Ratio Lower Upper

83 100

85 65.8 51.4 77.2





#31

Cyclohexane

Concen: 18.701 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

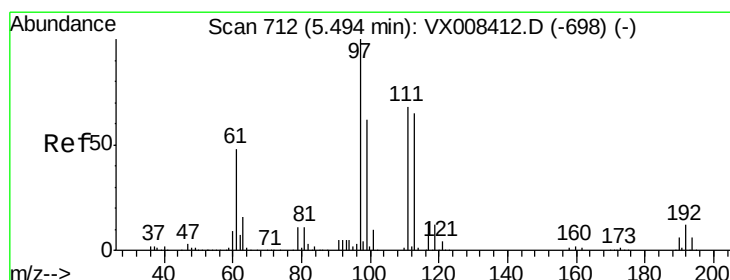
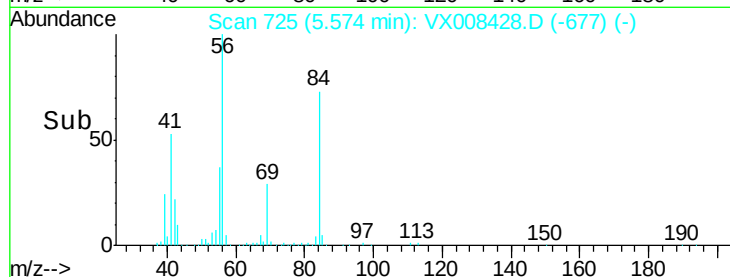
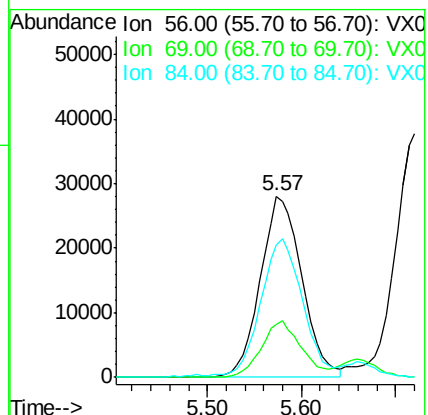
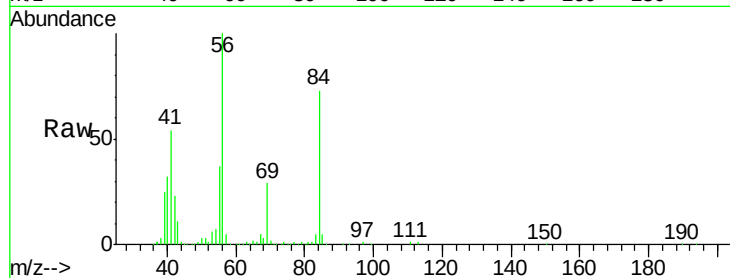
Tot Ion: 56 Resp: 86386

Ion Ratio Lower Upper

56 100

69 29.0 23.2 34.8

84 72.1 60.7 91.1



#32

1,1,1-Trichloroethane

Concen: 19.258 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

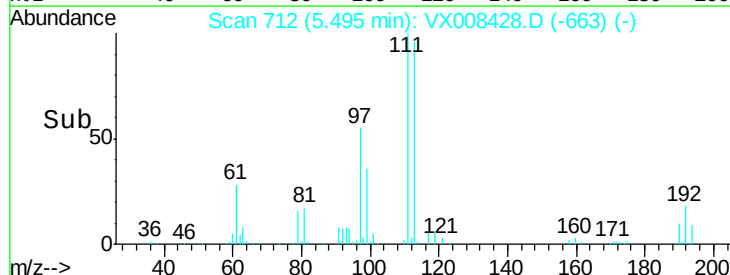
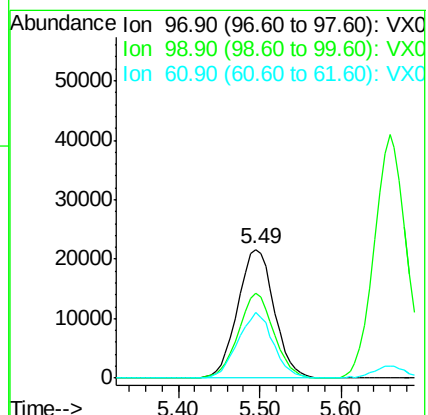
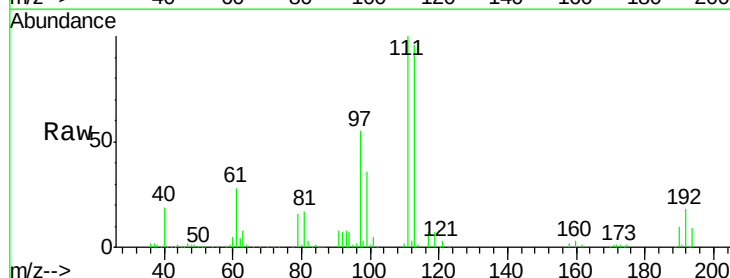
Tgt Ion: 97 Resp: 67284

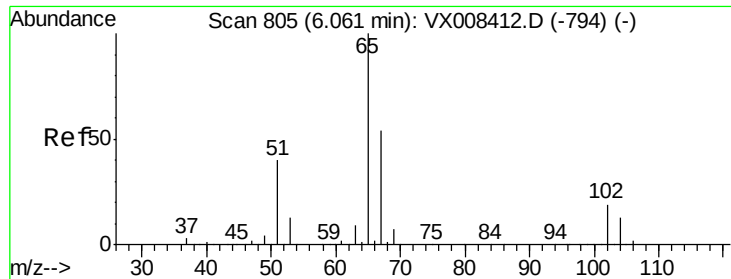
Ion Ratio Lower Upper

97 100

99 64.0 51.5 77.3

61 49.3 38.8 58.2





#33

1,2-Dichloroethane-d4

Concen: 51.590 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

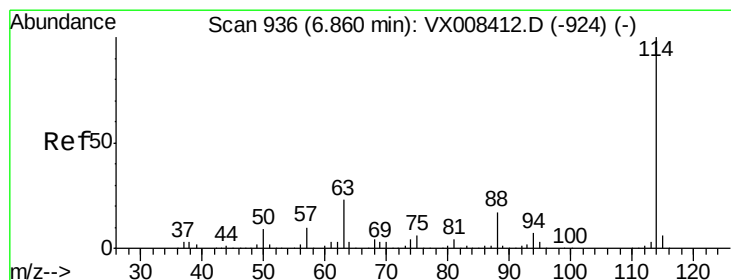
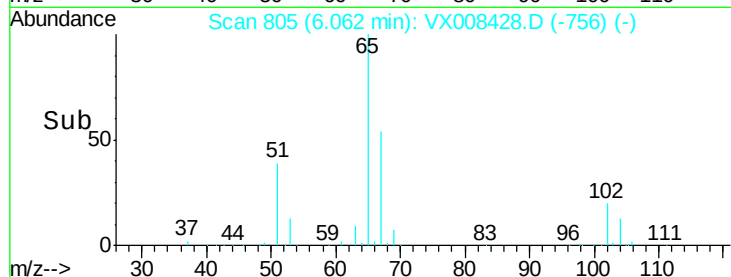
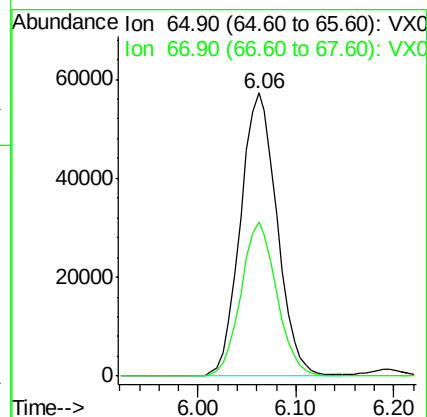
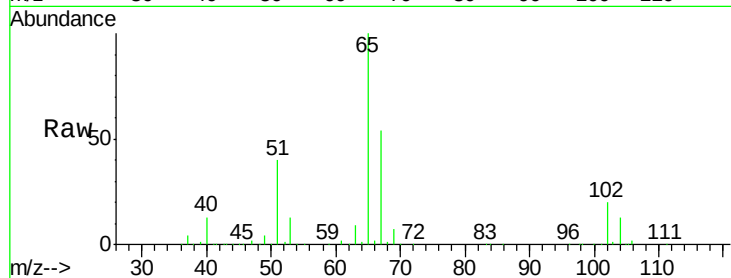
VX0325WBSD01

Tot Ion: 65 Resp: 148677

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

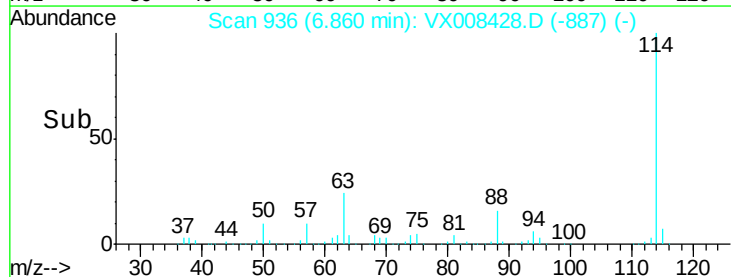
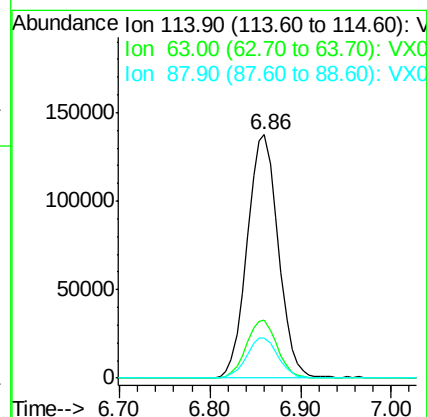
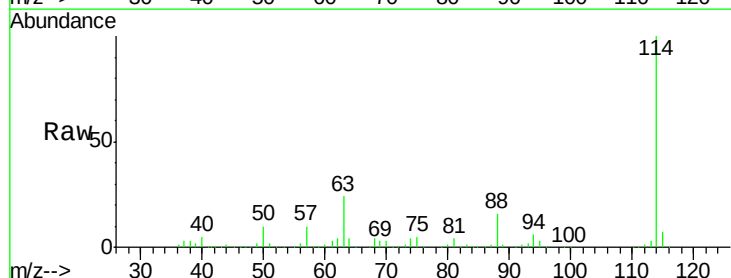
Tgt Ion: 114 Resp: 326910

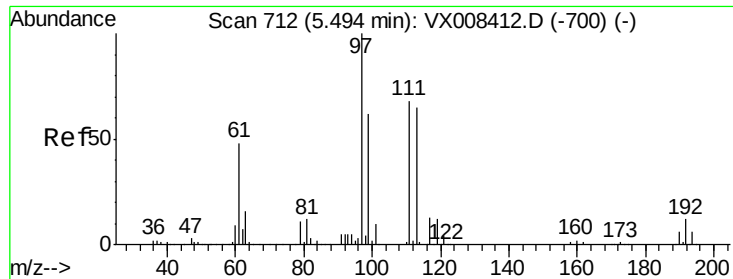
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.4

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.449 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

VX0325WBSD01

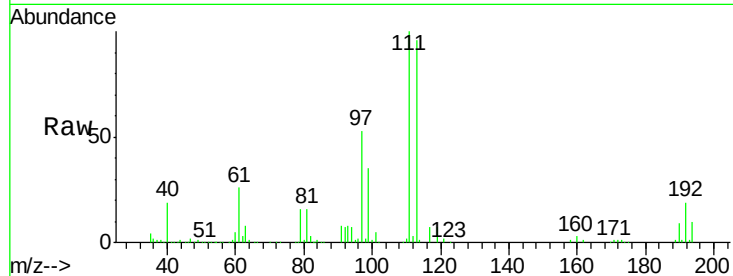
Tot Ion:113 Resp: 109670

Ion Ratio Lower Upper

113 100

111 103.5 83.0 124.4

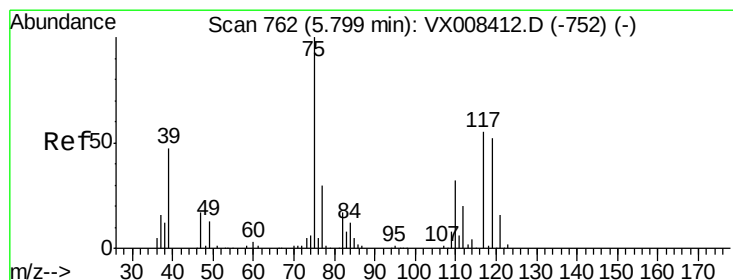
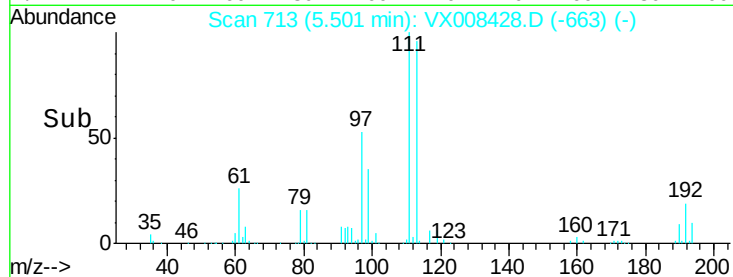
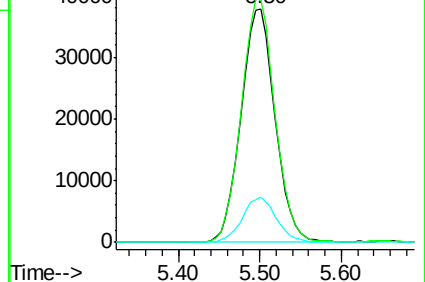
192 19.4 15.6 23.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.423 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

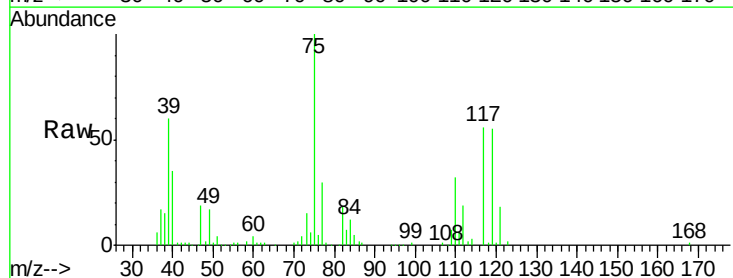
Tgt Ion: 75 Resp: 64214

Ion Ratio Lower Upper

75 100

110 33.1 16.6 49.7

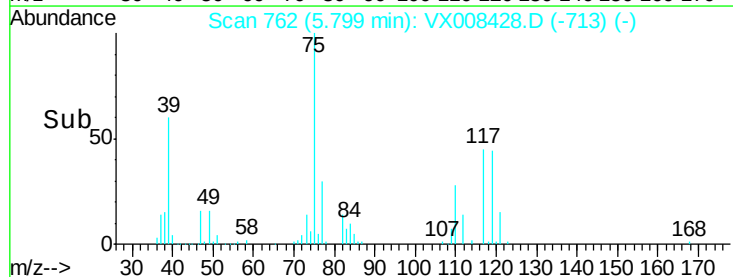
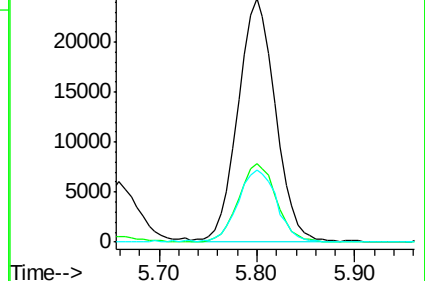
77 31.3 24.2 36.2

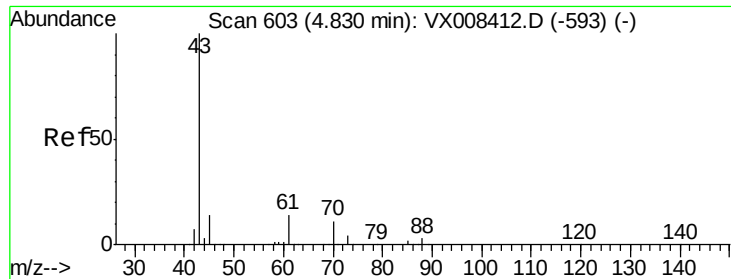


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

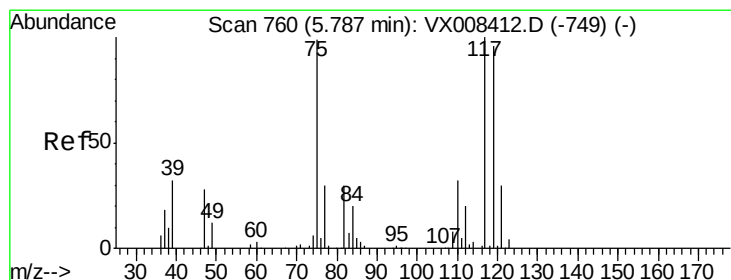
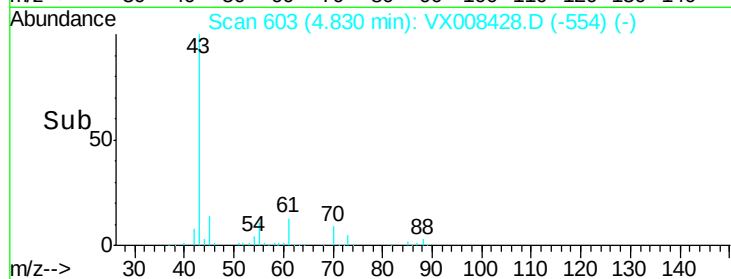
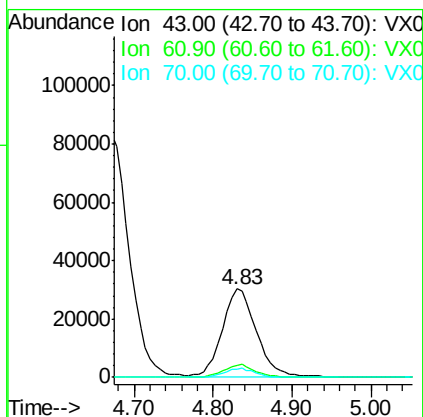
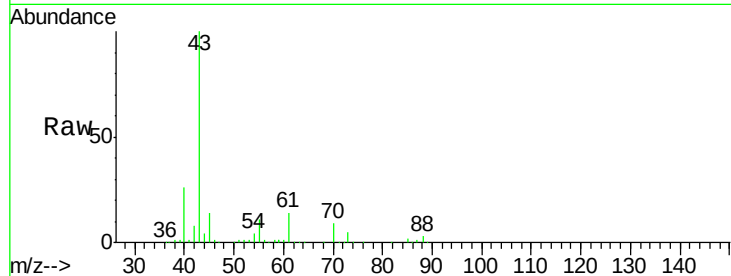




#37
Ethyl Acetate
Concen: 19.842 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

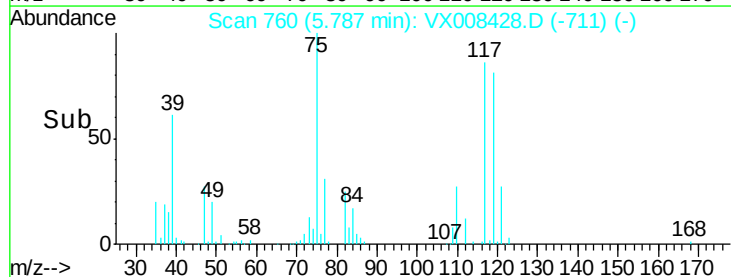
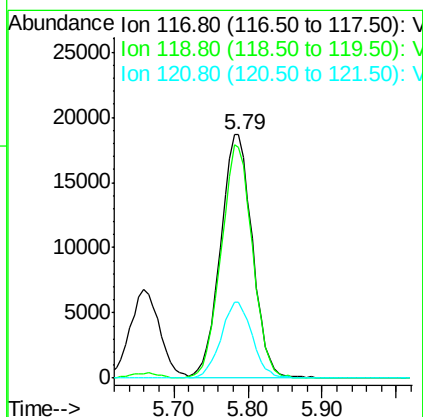
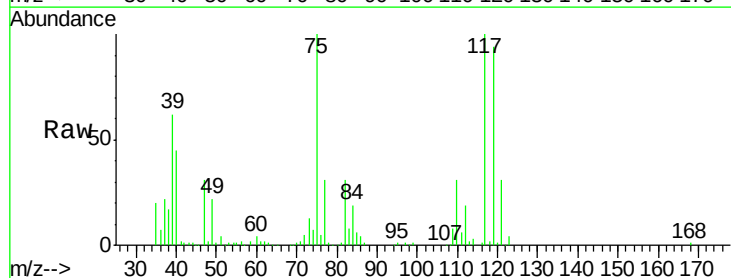
Instrument :
MSVOA_X
ClientSampled :
VX0325WBSD01

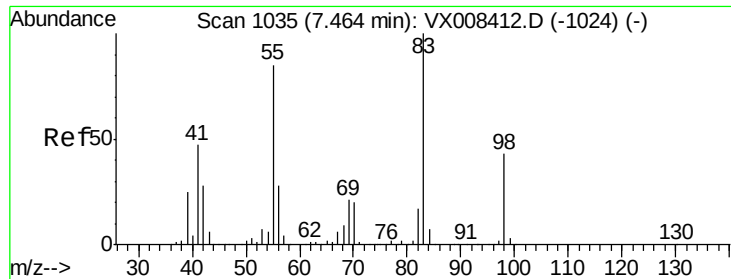
Tot Ion: 43 Resp: 89598
Ion Ratio Lower Upper
43 100
61 13.6 10.5 15.7
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.147 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 117 Resp: 55695
Ion Ratio Lower Upper
117 100
119 94.7 76.7 115.1
121 31.4 24.3 36.5

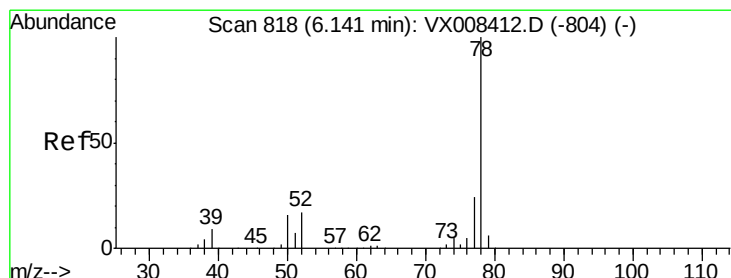
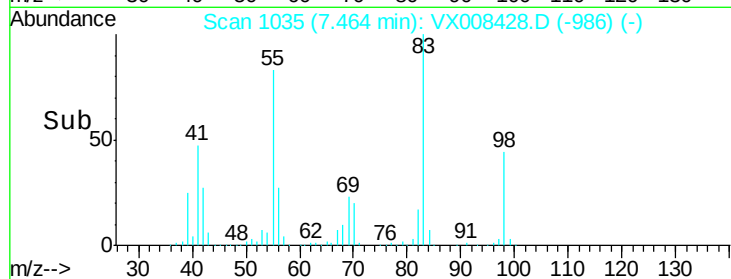
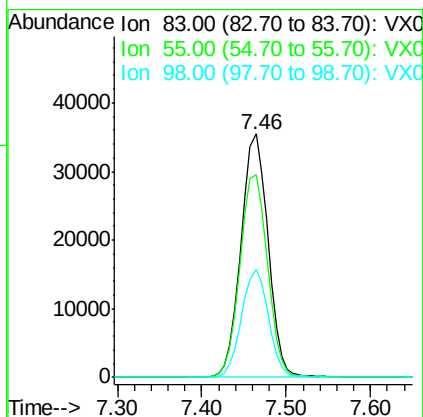
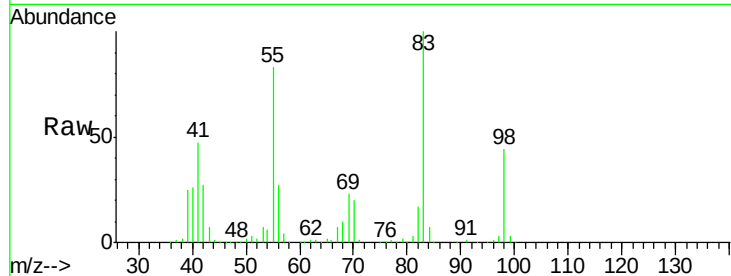




#39
Methylvlcyclohexane
Concen: 18.492 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

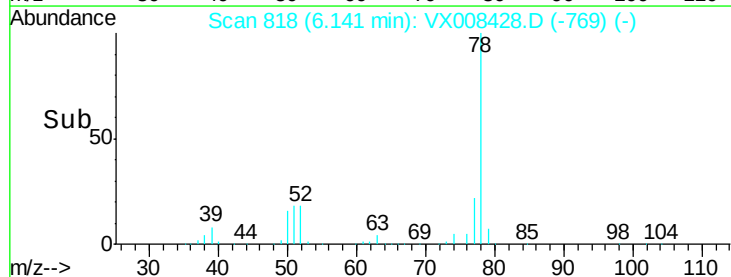
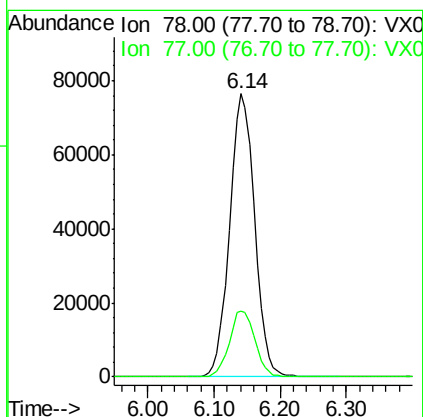
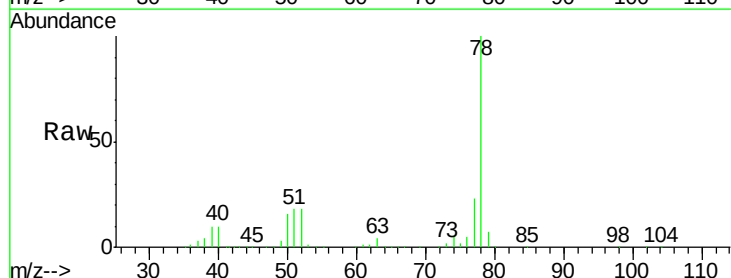
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

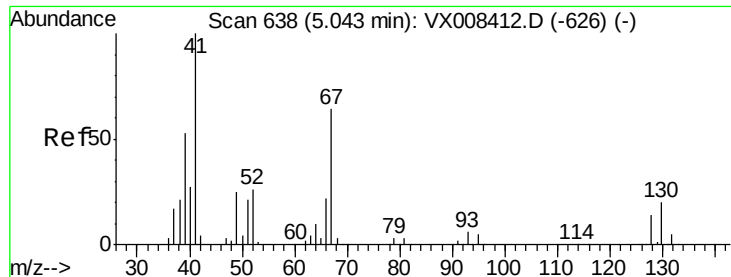
Tot Ion: 83 Resp: 77029
Ion Ratio Lower Upper
83 100
55 83.5 68.2 102.4
98 44.3 34.2 51.4



#40
Benzene
Concen: 19.194 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 78 Resp: 200285
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9





#41

Methacrylonitrile

Concen: 19.815 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

Tot Ion: 41 Resp: 50282

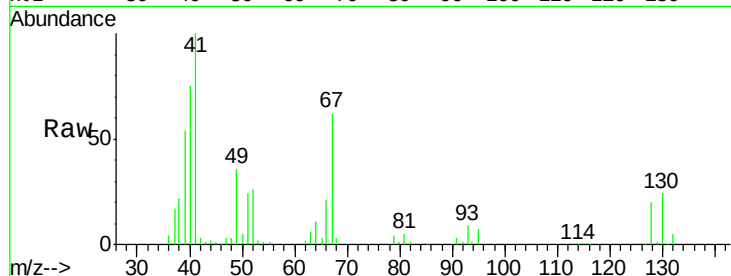
Ion Ratio Lower Upper

41 100

39 54.2 42.6 64.0

67 65.4 52.2 78.4

52 25.8 21.4 32.0

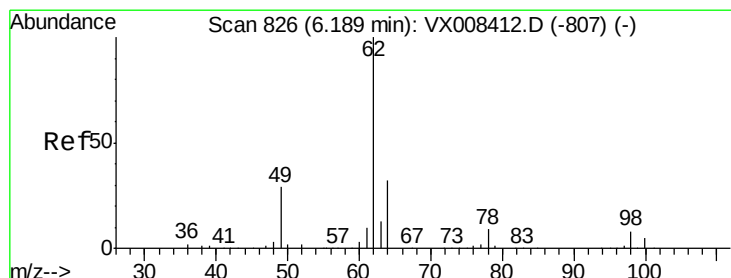
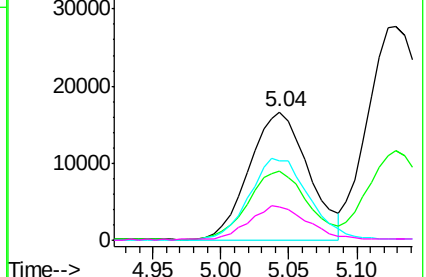
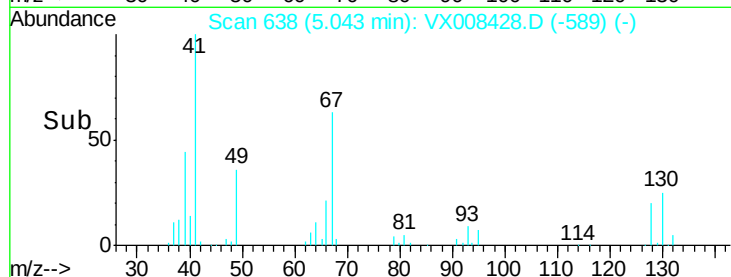


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.816 ug/l

RT: 6.19 min Scan# 826

Delta R.T. 0.00 min

Lab File: VX008428.D

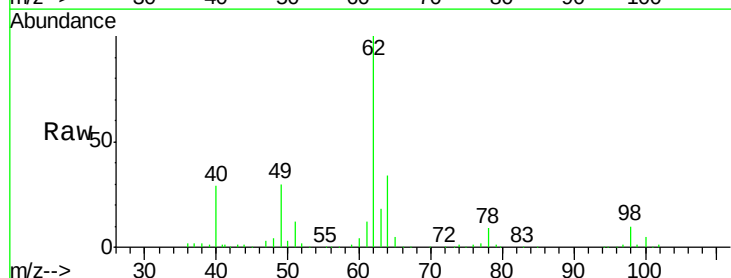
Acq: 25 Mar 2019 22:32

Tgt Ion: 62 Resp: 71888

Ion Ratio Lower Upper

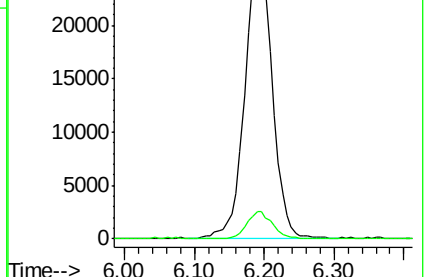
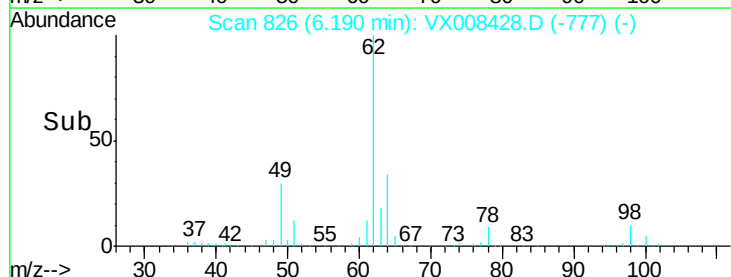
62 100

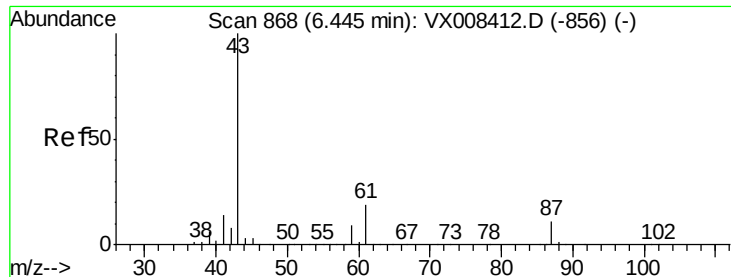
98 9.1 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.100 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

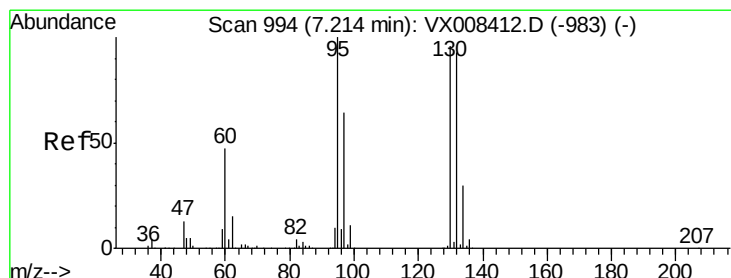
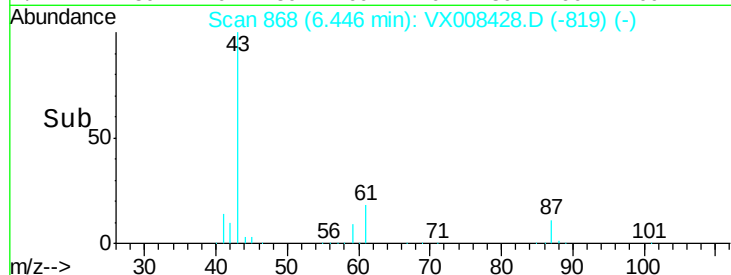
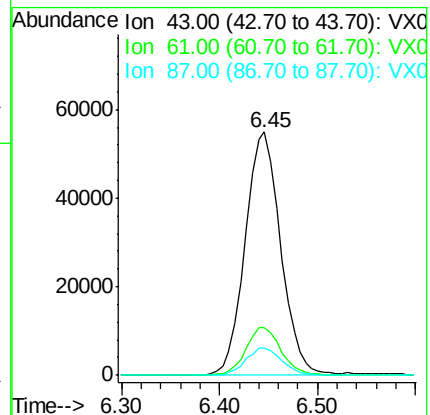
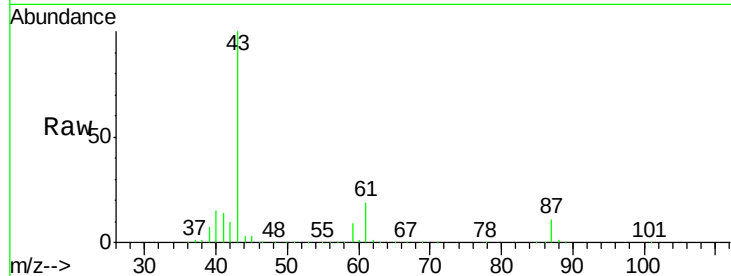
Tot Ion: 43 Resp: 137953

Ion Ratio Lower Upper

43 100

61 19.7 15.4 23.2

87 11.7 9.1 13.7



#44

Trichloroethene

Concen: 18.113 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008428.D

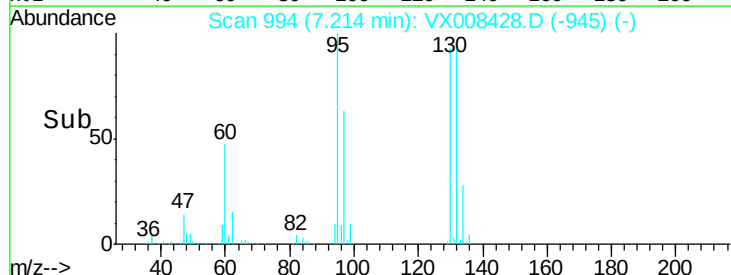
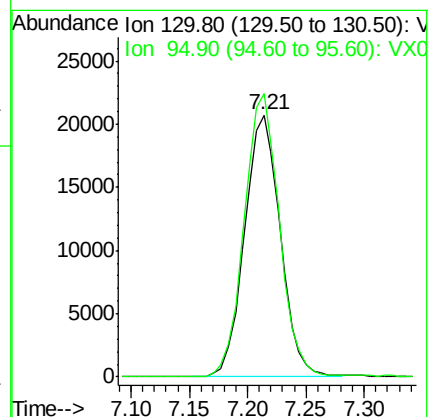
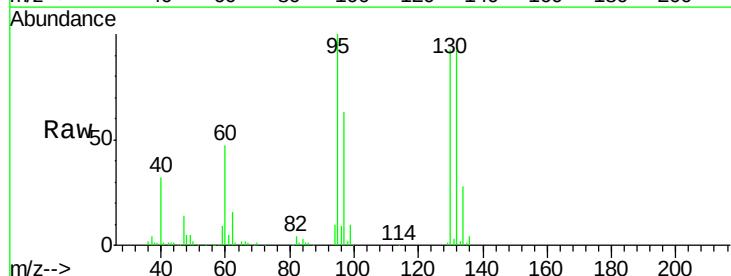
Acq: 25 Mar 2019 22:32

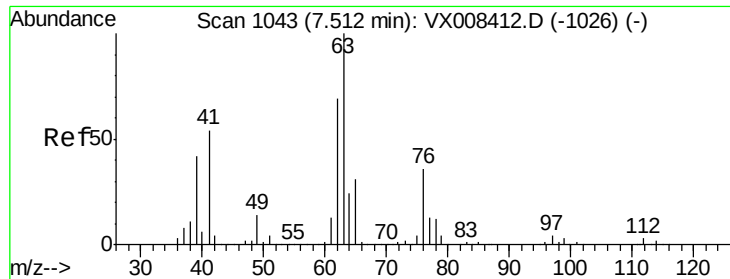
Tgt Ion:130 Resp: 44379

Ion Ratio Lower Upper

130 100

95 107.9 0.0 208.8

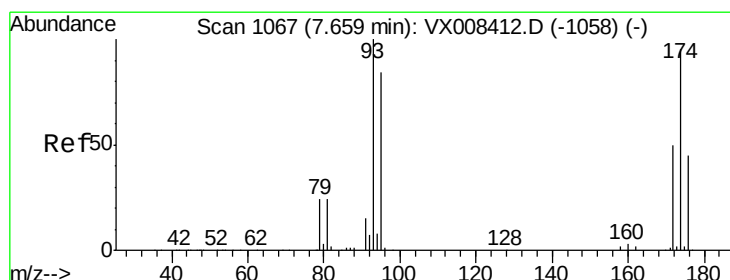
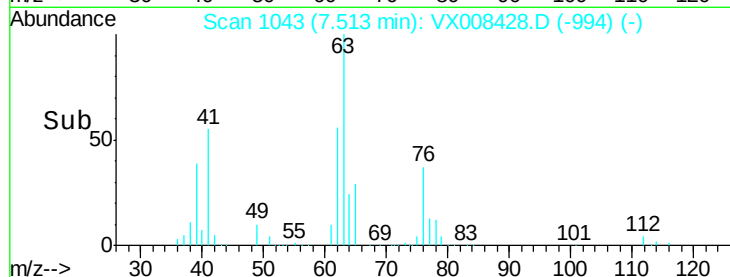
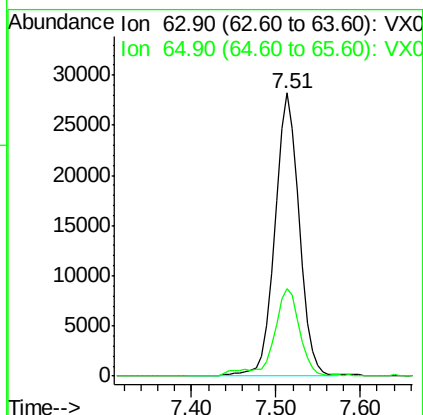
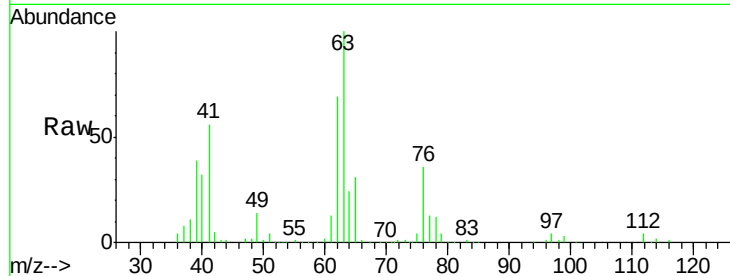




#45
 1,2-Dichloropropane
 Concen: 19.091 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

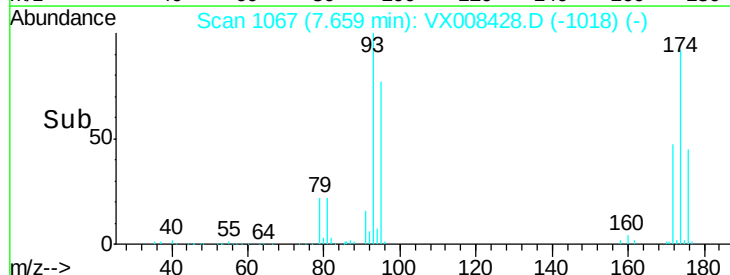
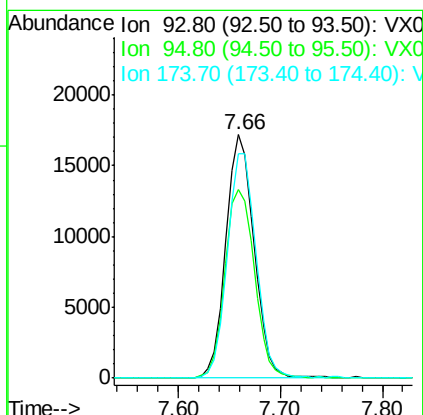
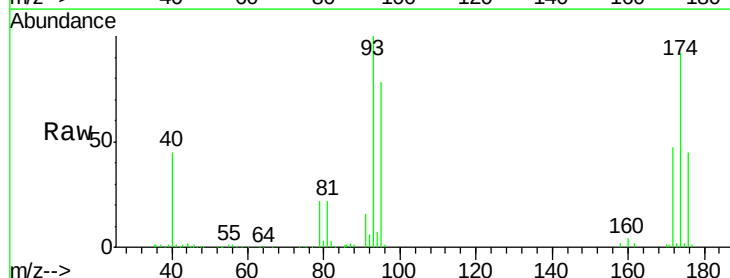
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

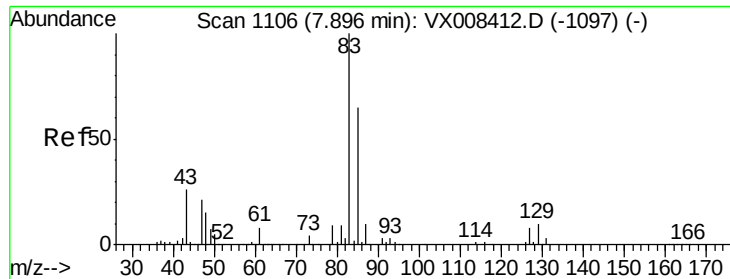
Tot Ion: 63 Resp: 56624
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 19.050 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 93 Resp: 32995
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.0 100.6
 174 93.5 76.0 114.0





#47

Bromodichloromethane

Concen: 19.356 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

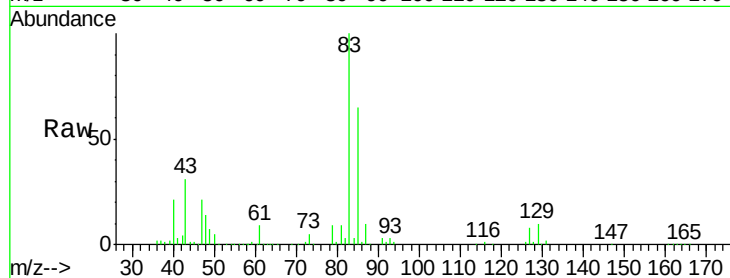
Tot Ion: 83 Resp: 64170

Ion Ratio Lower Upper

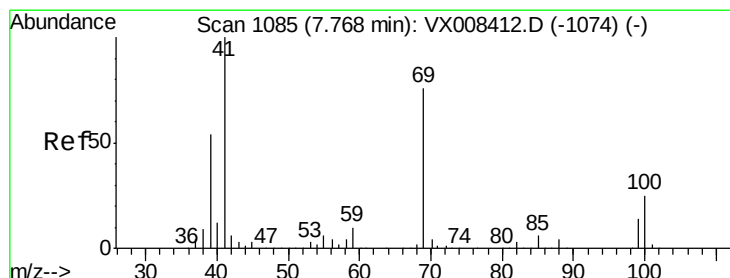
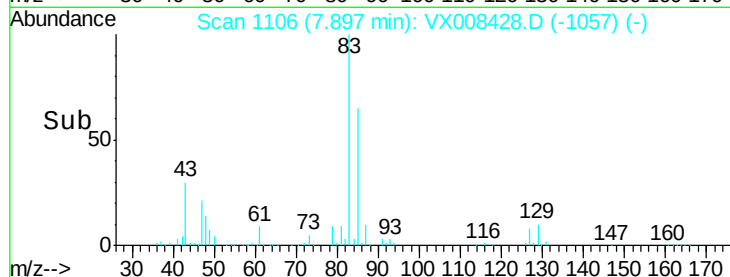
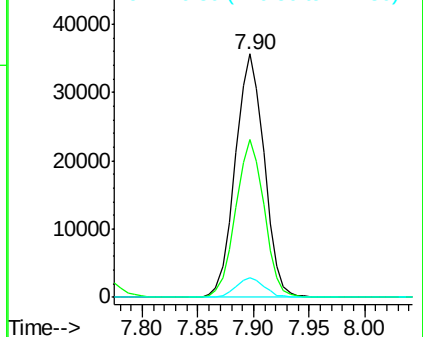
83 100

85 64.9 52.0 78.0

127 8.0 6.4 9.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.370 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

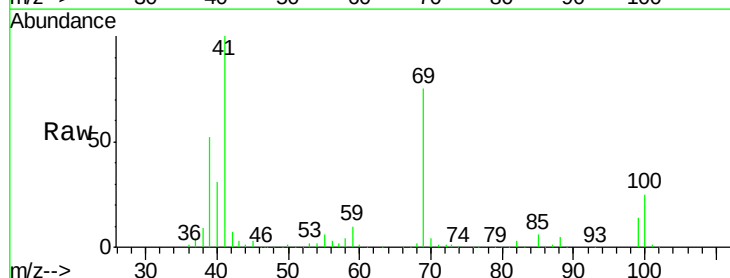
Tgt Ion: 41 Resp: 70001

Ion Ratio Lower Upper

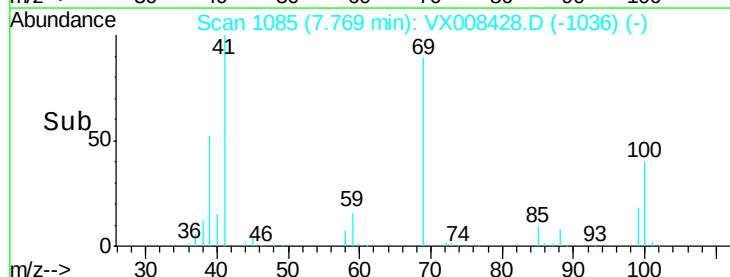
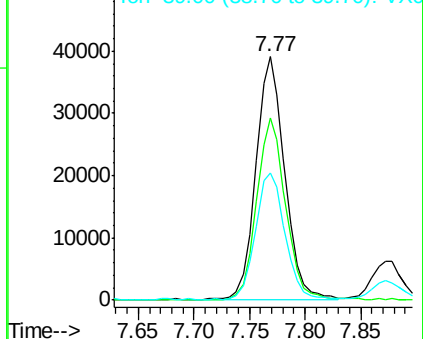
41 100

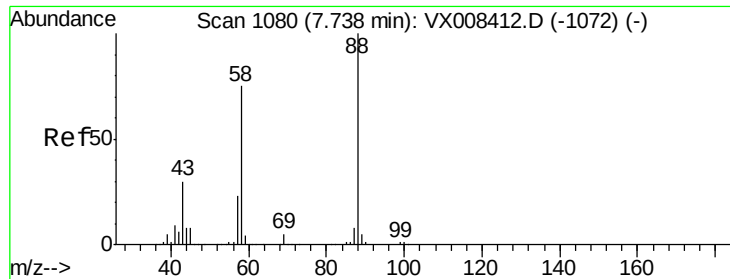
69 75.9 60.8 91.2

39 53.8 42.3 63.5



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

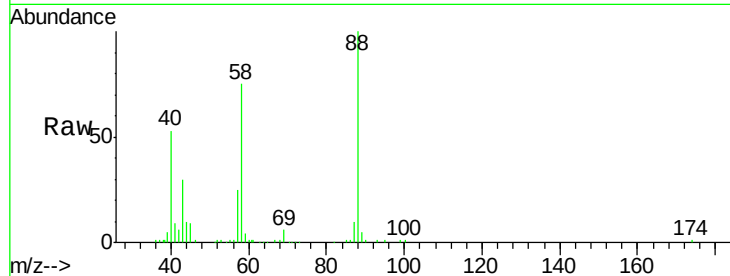




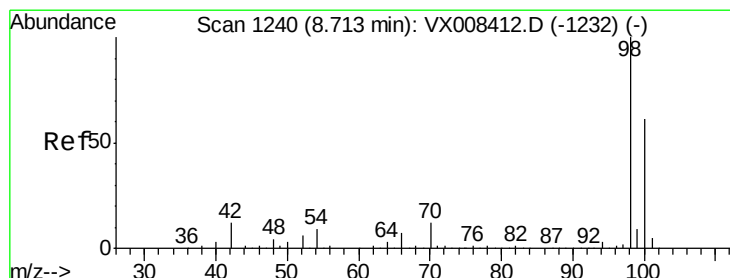
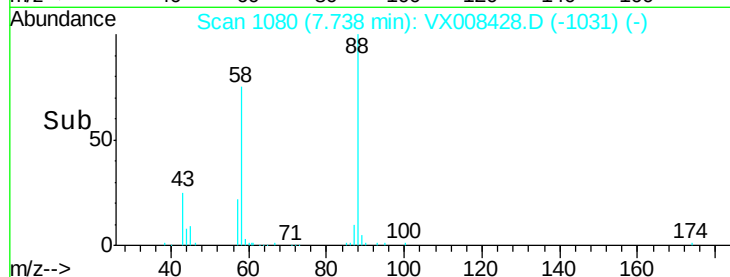
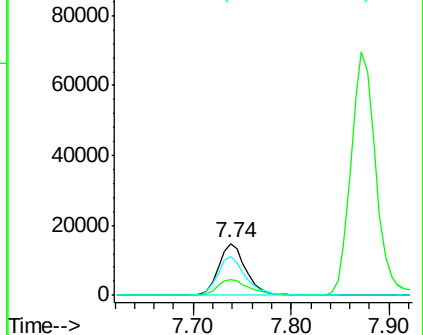
#49
1,4-Dioxane
Concen: 401.077 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion: 88 Resp: 28820
Ion Ratio Lower Upper
88 100
43 36.0 28.6 43.0
58 78.2 63.0 94.4

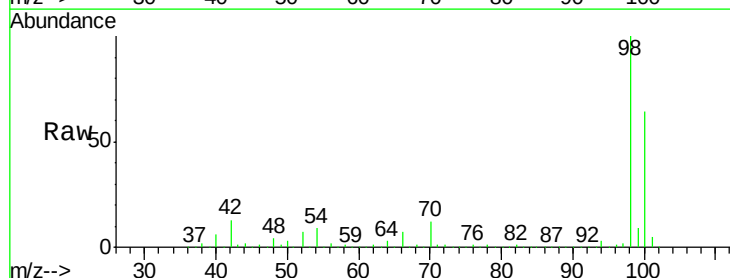


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

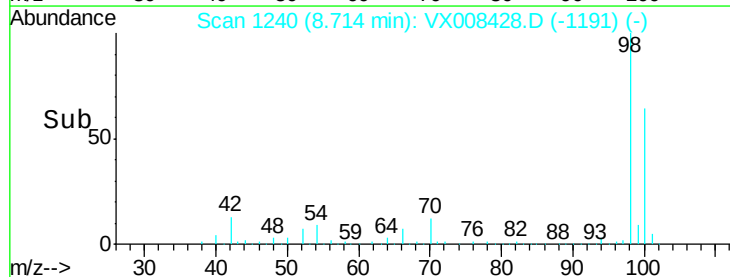
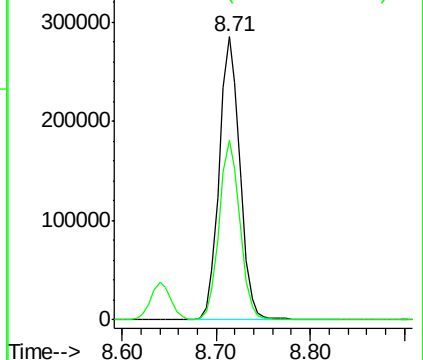


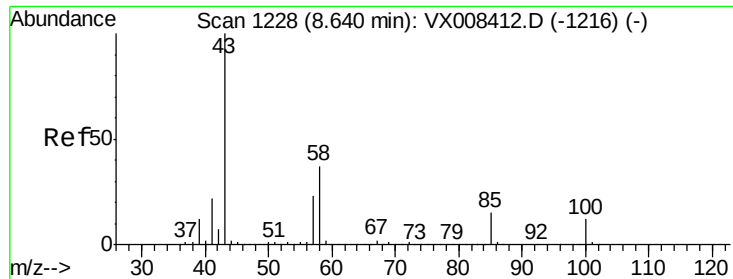
#50
Toluene-d8
Concen: 51.030 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 98 Resp: 434953
Ion Ratio Lower Upper
98 100
100 63.8 51.1 76.7



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: 98.682 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

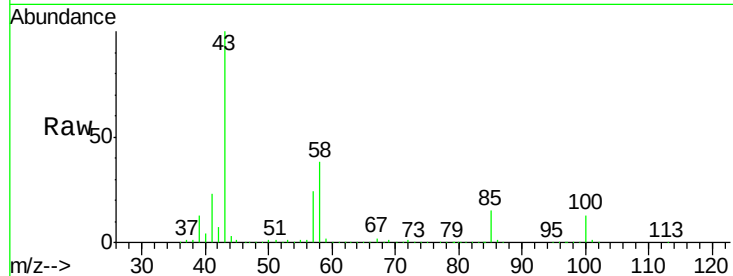
VX0325WBSD01

Tot Ion: 43 Resp: 462931

Ion Ratio Lower Upper

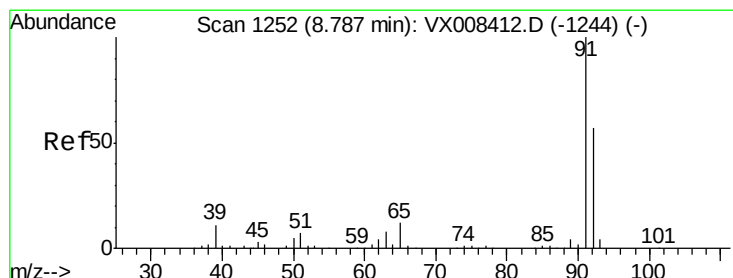
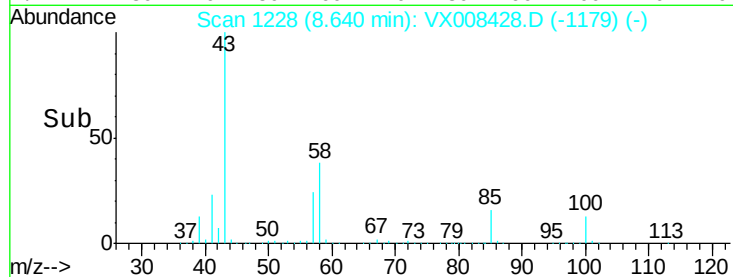
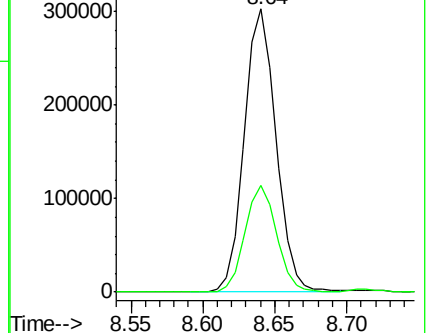
43 100

58 37.4 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.073 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008428.D

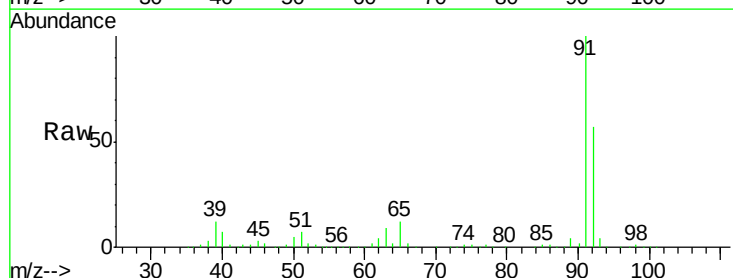
Acq: 25 Mar 2019 22:32

Tgt Ion: 92 Resp: 119005

Ion Ratio Lower Upper

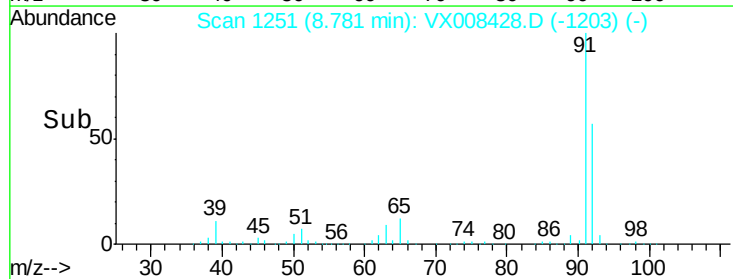
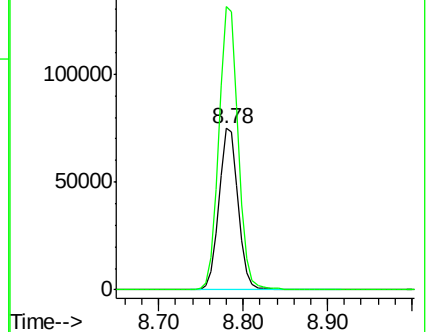
92 100

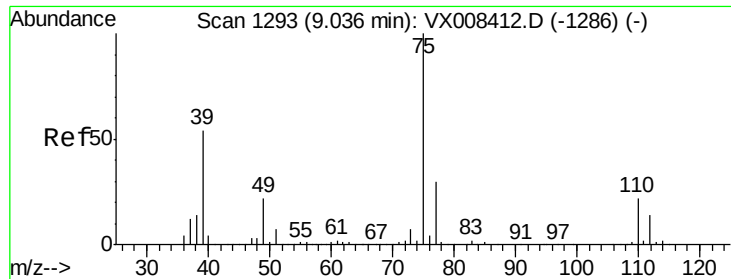
91 176.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

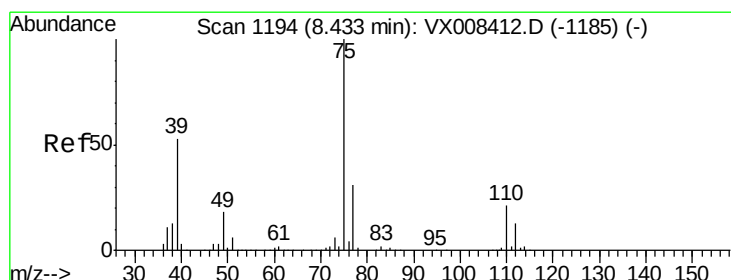
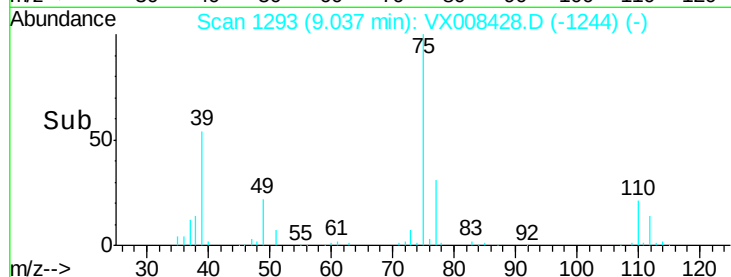
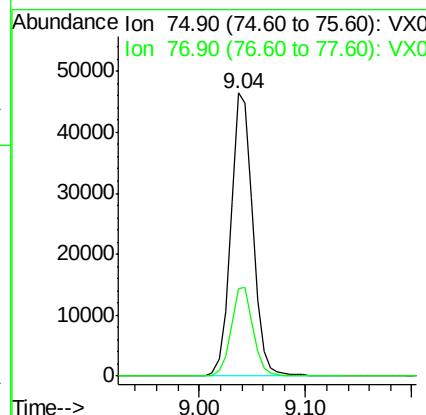
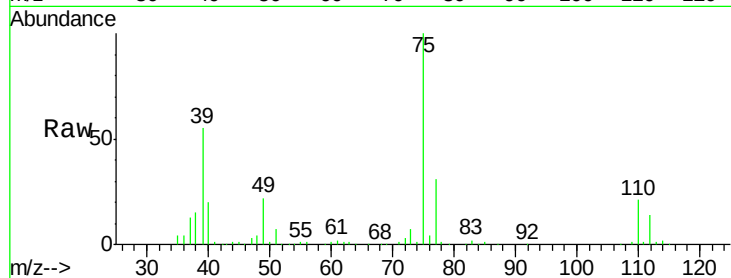




#53
 t-1,3-Dichloropropene
 Concen: 18.475 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

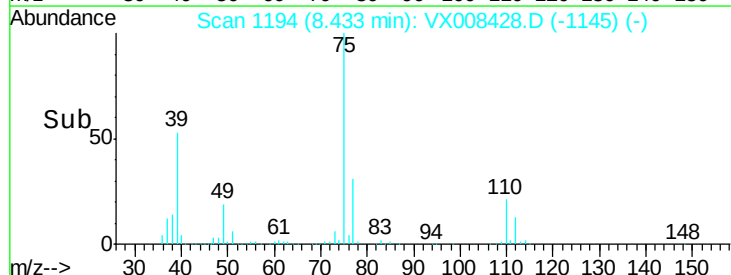
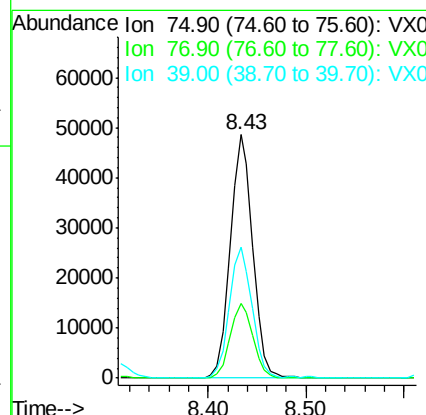
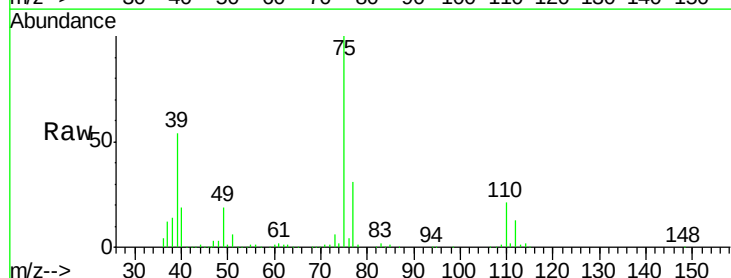
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

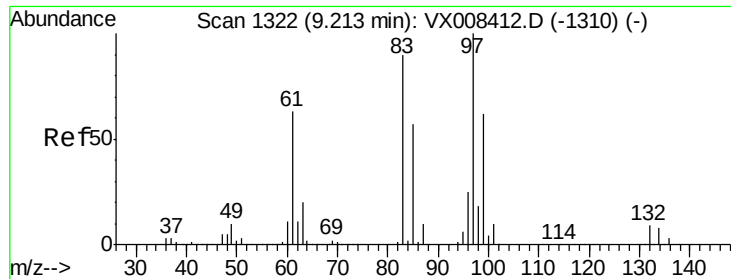
Tot Ion: 75 Resp: 67086
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 18.680 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 75 Resp: 77130
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.7 37.1
 39 53.5 42.4 63.6

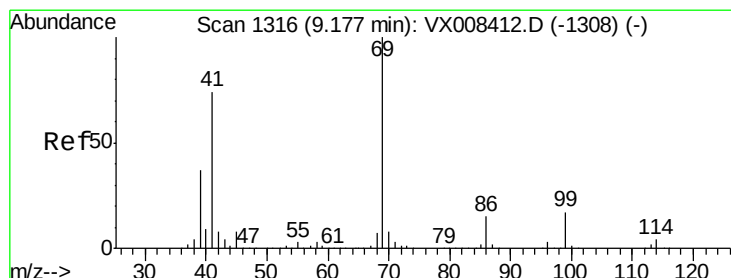
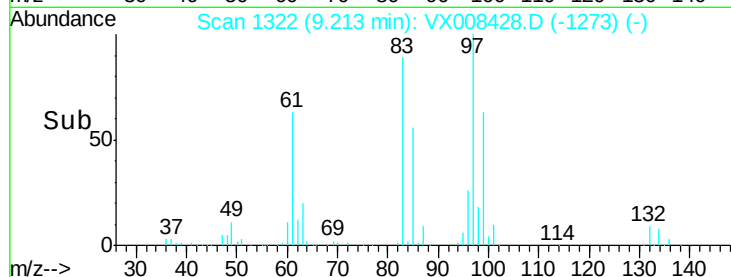
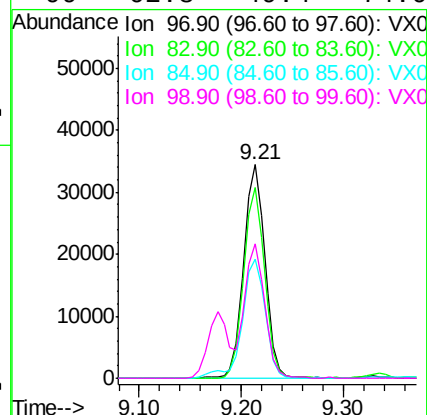
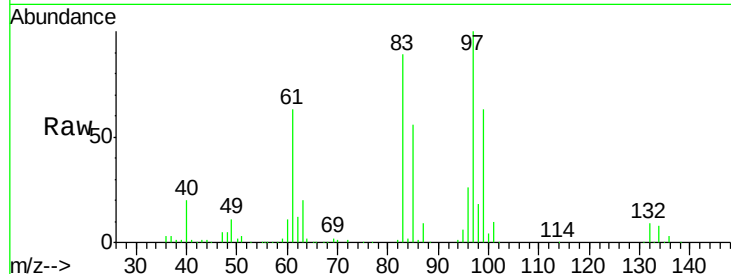




#55
 1,1,2-Trichloroethane
 Concen: 19.590 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

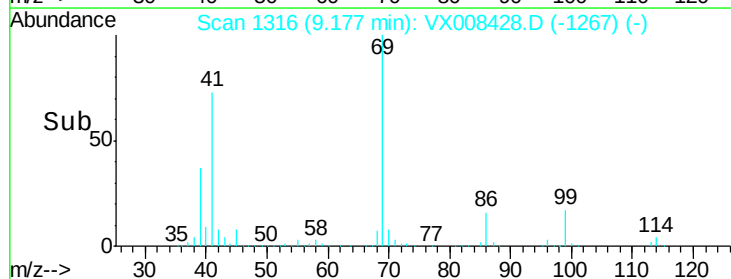
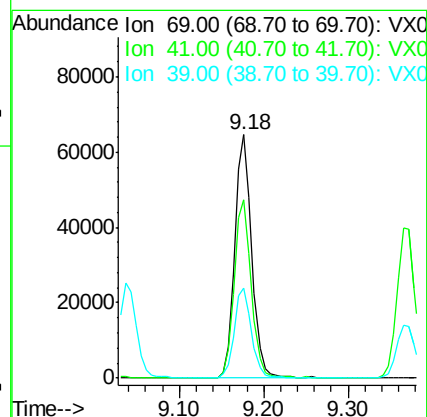
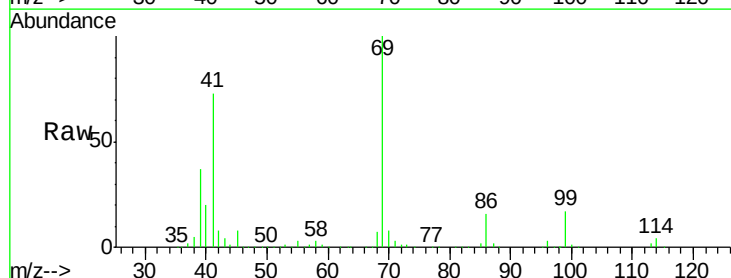
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

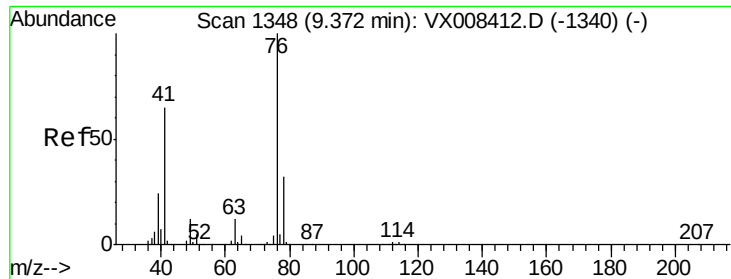
Tot Ion:	97	Resp:	49756
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.8	107.6
85	55.9	45.9	68.9
99	62.8	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 19.474 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion:	69	Resp:	89281
Ion	Ratio	Lower	Upper
69	100		
41	73.3	59.5	89.3
39	37.0	29.3	43.9

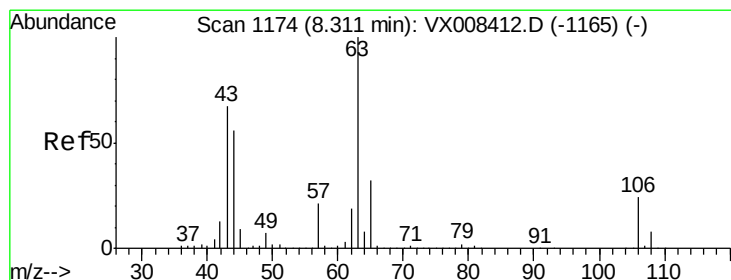
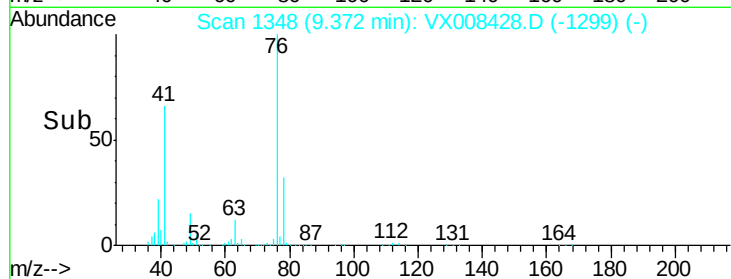
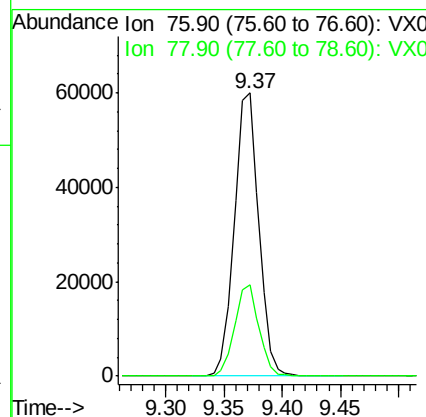
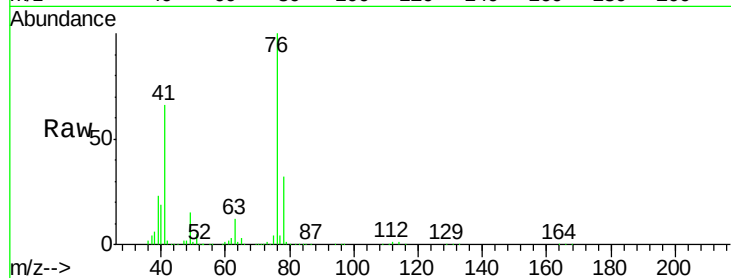




#57
1,3-Dichloropropane
Concen: 19.301 ug/l
RT: 9.37 min Scan# 1348
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

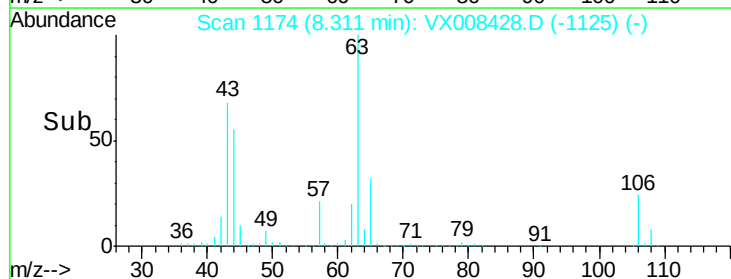
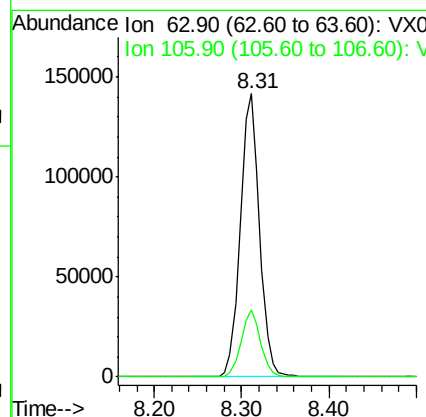
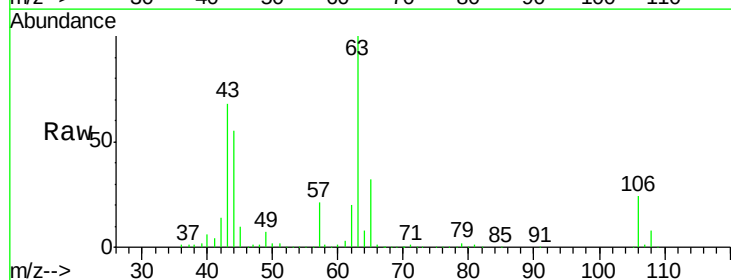
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

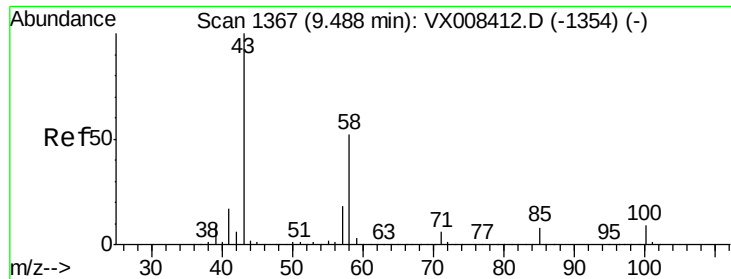
Tot Ion: 76 Resp: 87890
Ion Ratio Lower Upper
76 100
78 32.1 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 91.925 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion: 63 Resp: 217850
Ion Ratio Lower Upper
63 100
106 23.9 19.0 28.6

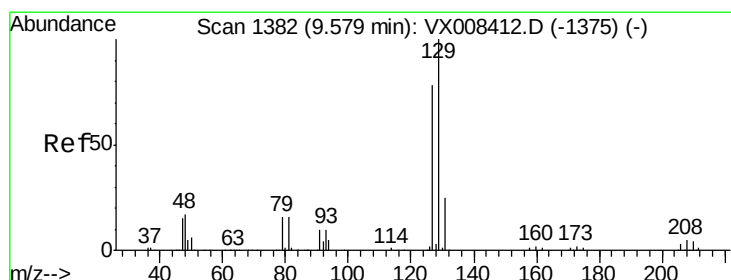
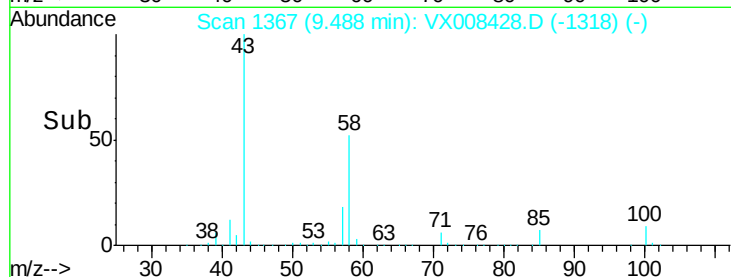
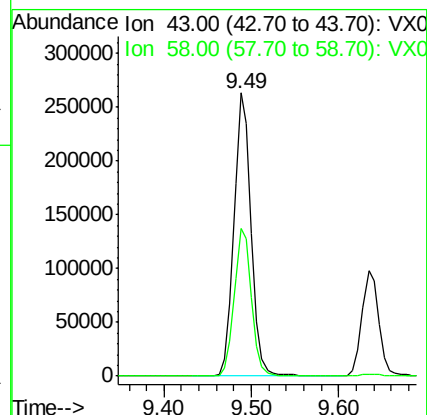
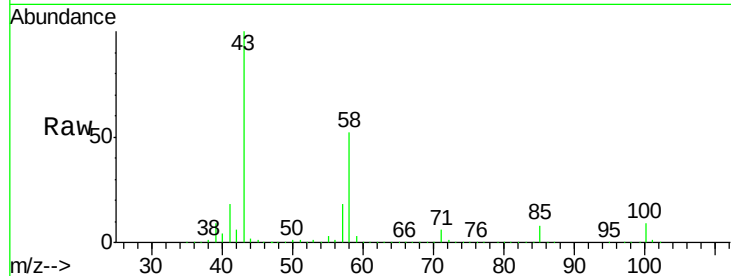




#59
2-Hexanone
Concen: 98.390 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

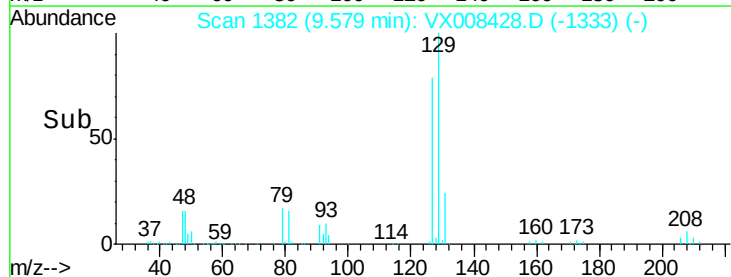
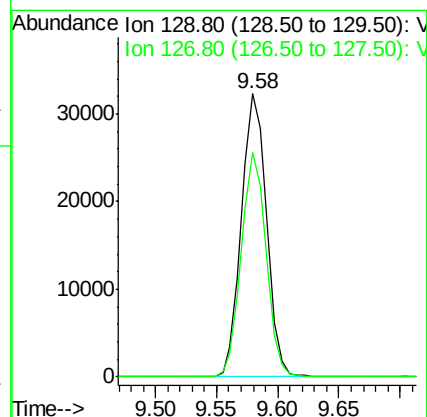
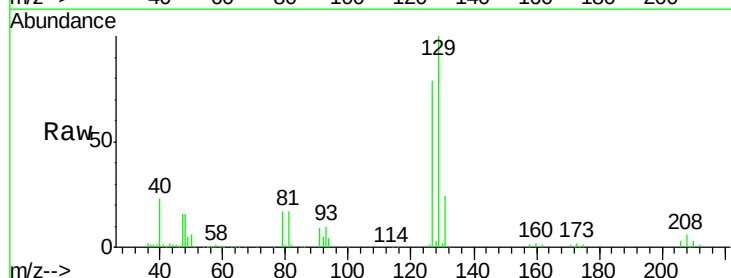
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

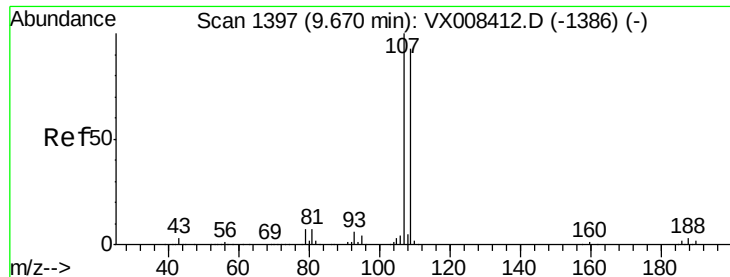
Tot Ion: 43 Resp: 357642
Ion Ratio Lower Upper
43 100
58 52.8 26.3 78.9



#60
Dibromochloromethane
Concen: 18.990 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:129 Resp: 45868
Ion Ratio Lower Upper
129 100
127 78.3 38.1 114.3





#61

1,2-Dibromoethane

Concen: 19.063 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

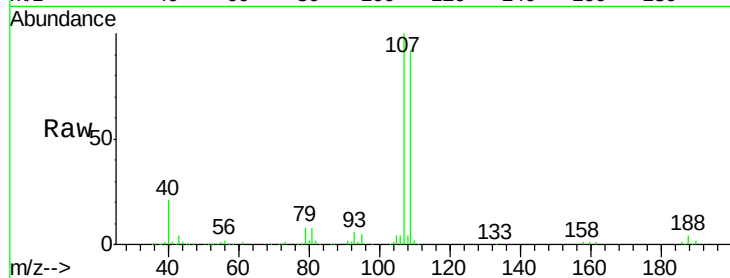
VX0325WBSD01

Tot Ion:107 Resp: 49410

Ion Ratio Lower Upper

107 100

109 95.7 74.6 111.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

40000

30000

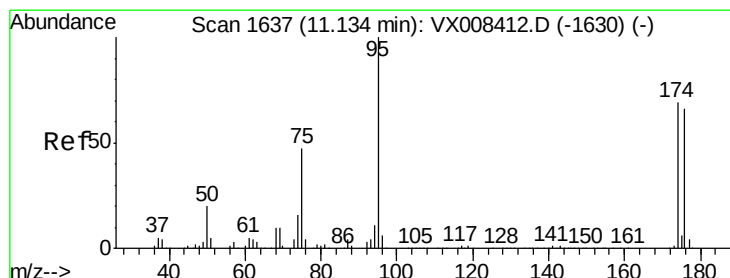
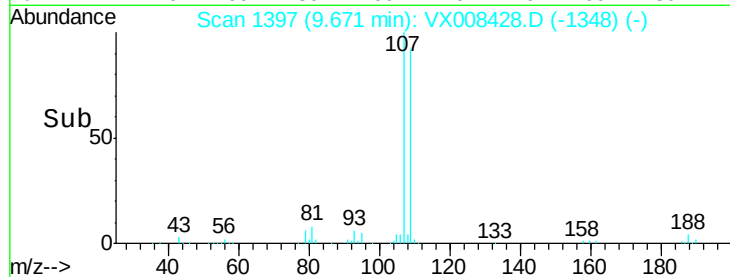
20000

10000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.596 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

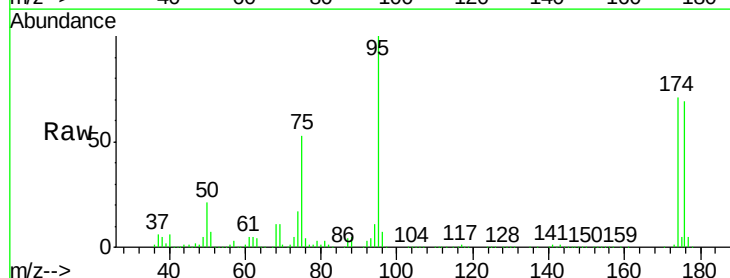
Tgt Ion: 95 Resp: 156648

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

176 71.9 0.0 142.4



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

11.13

150000

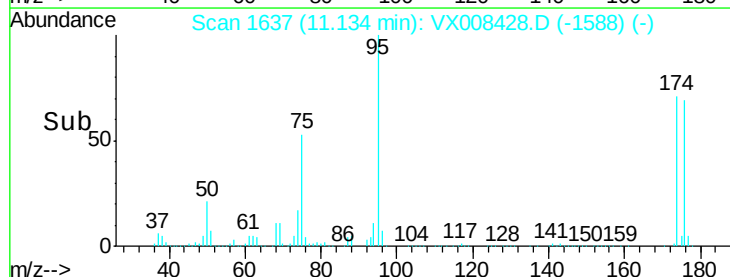
100000

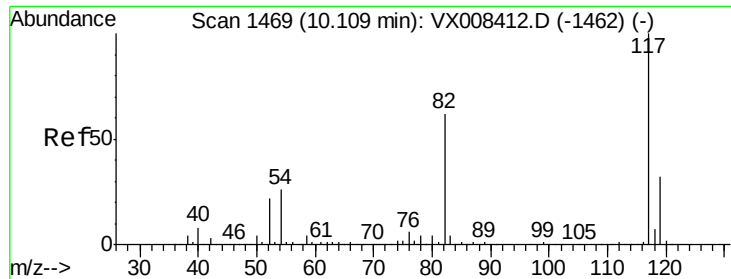
50000

0

11.05 11.10 11.15 11.20

Time-->

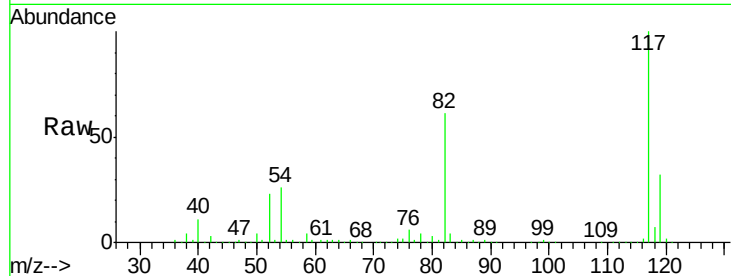




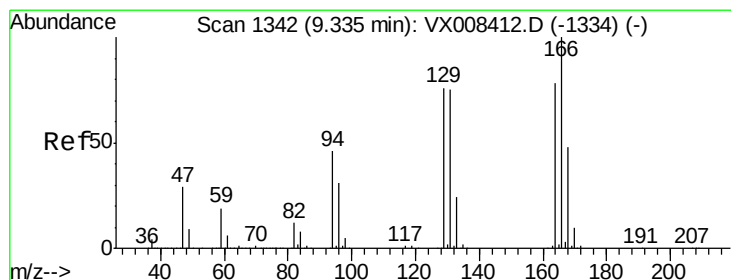
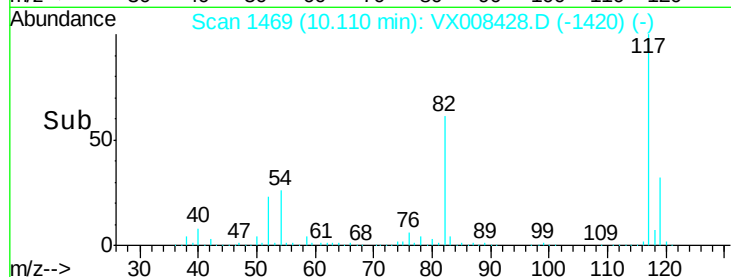
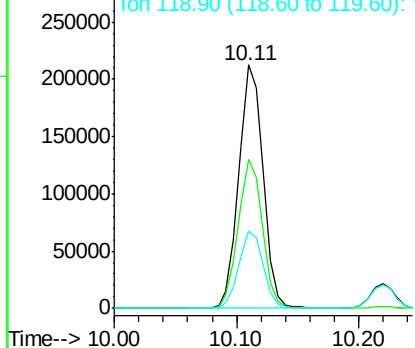
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion:117 Resp: 291313
Ion Ratio Lower Upper
117 100
82 61.4 49.4 74.2
119 31.7 25.4 38.0



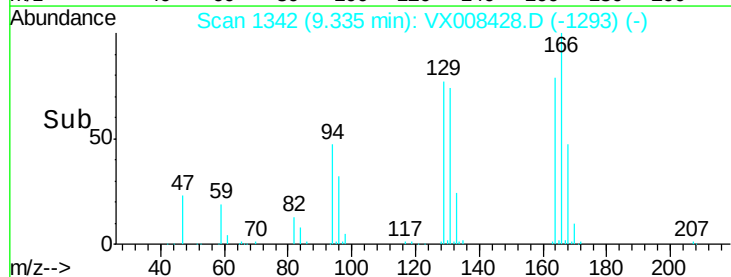
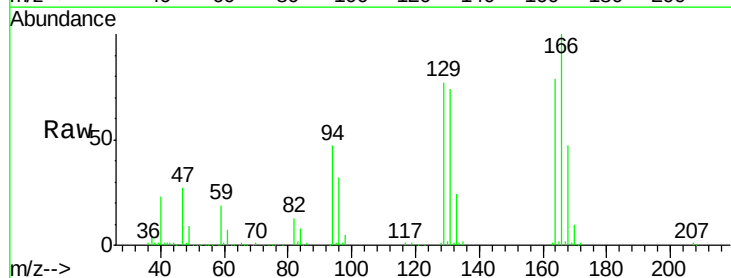
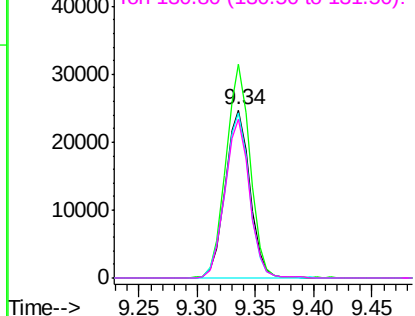
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

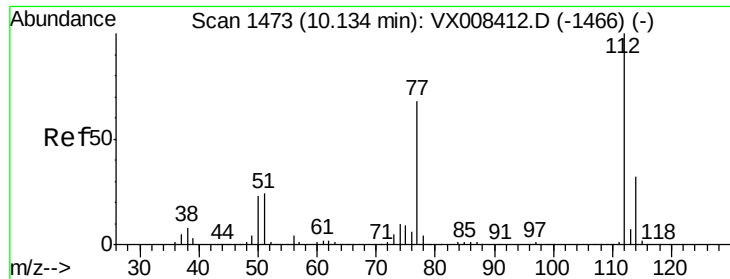


#64
Tetrachloroethene
Concen: 18.451 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:164 Resp: 36388
Ion Ratio Lower Upper
164 100
166 127.1 102.5 153.7
129 98.3 77.8 116.8
131 94.6 76.9 115.3

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

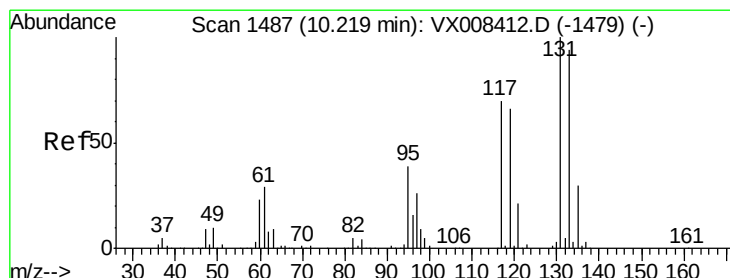
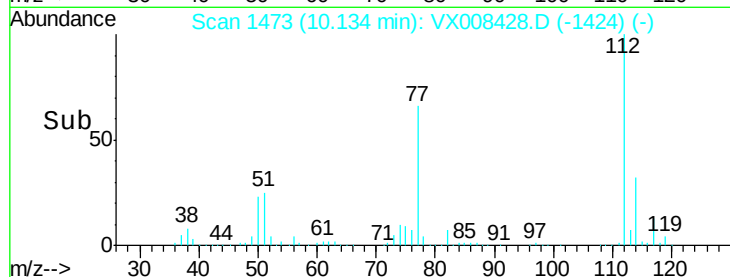
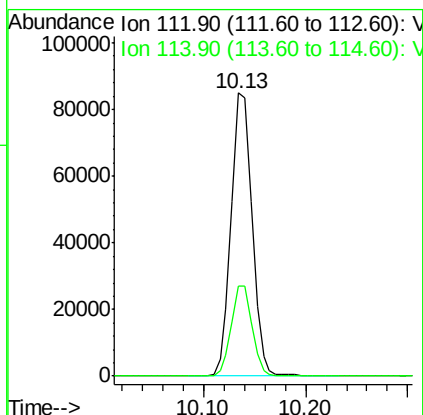
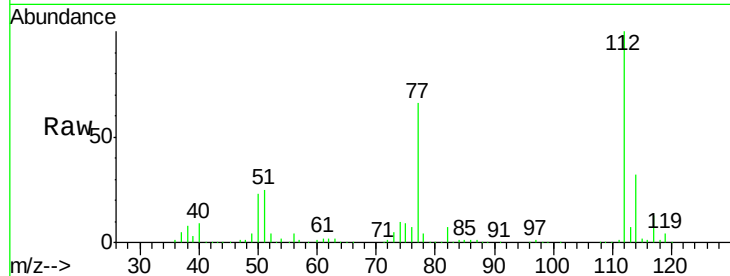




#65
Chlorobenzene
Concen: 19.049 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

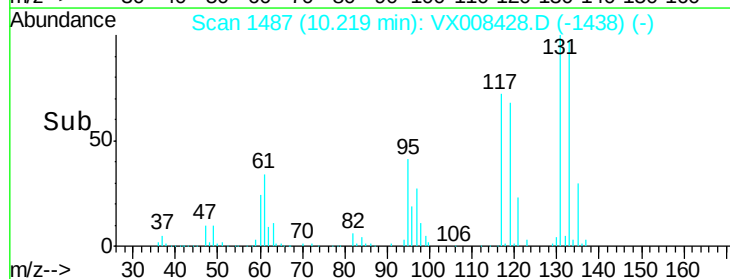
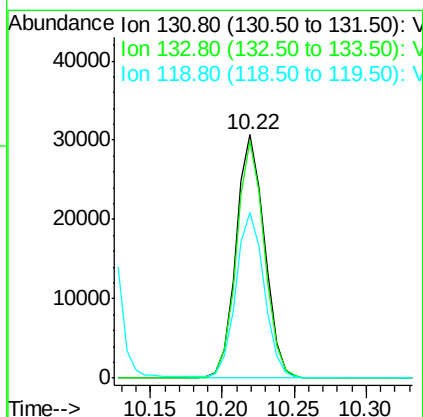
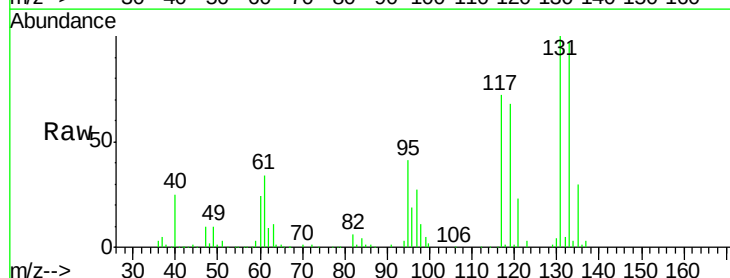
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

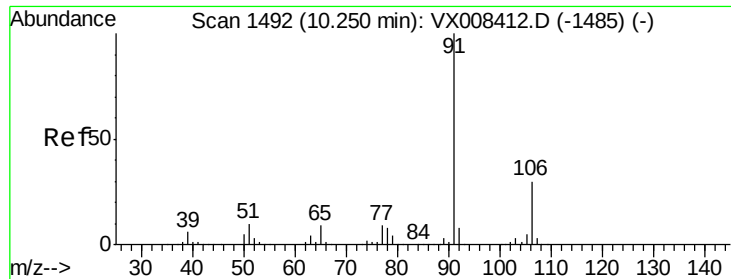
Tot Ion:112 Resp: 120681
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.339 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:131 Resp: 42270
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 67.7 33.6 100.6





#67

Ethyl Benzene

Concen: 18.947 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

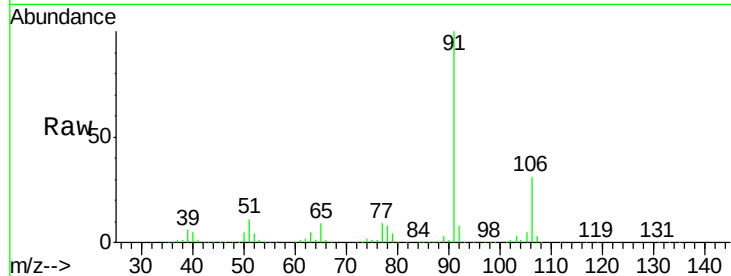
VX0325WBSD01

Tot Ion: 91 Resp: 226538

Ion Ratio Lower Upper

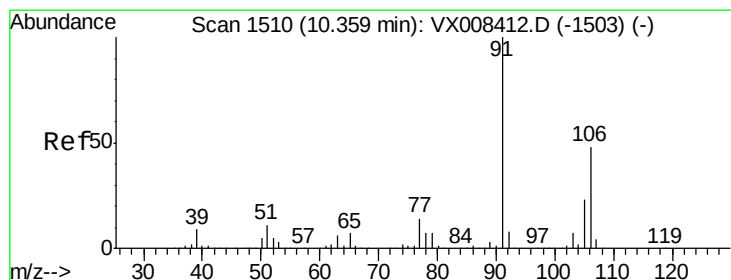
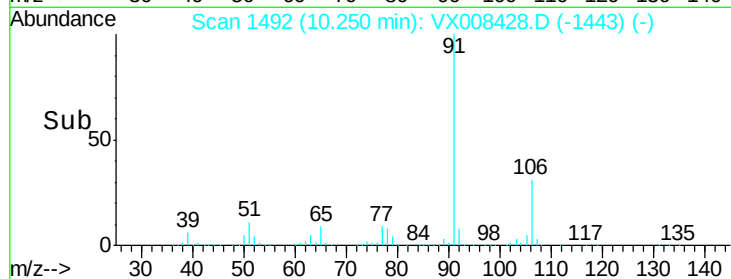
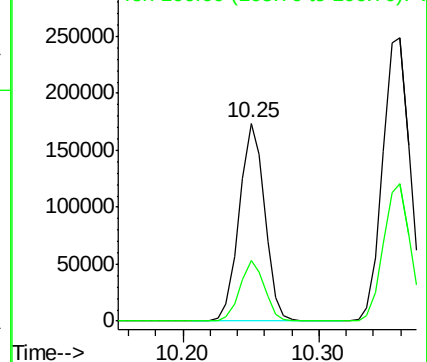
91 100

106 30.7 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.025 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008428.D

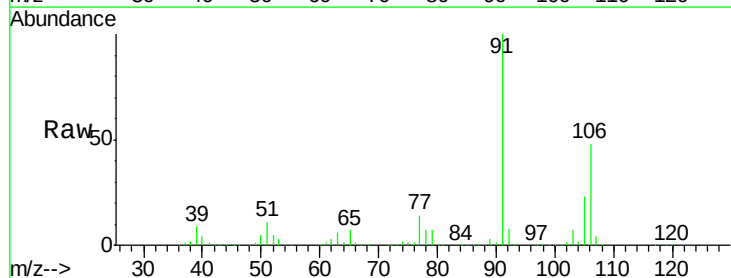
Acq: 25 Mar 2019 22:32

Tgt Ion: 106 Resp: 165395

Ion Ratio Lower Upper

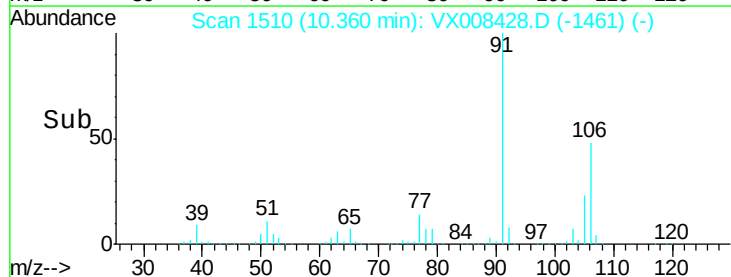
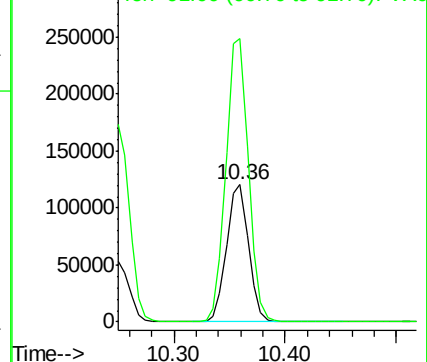
106 100

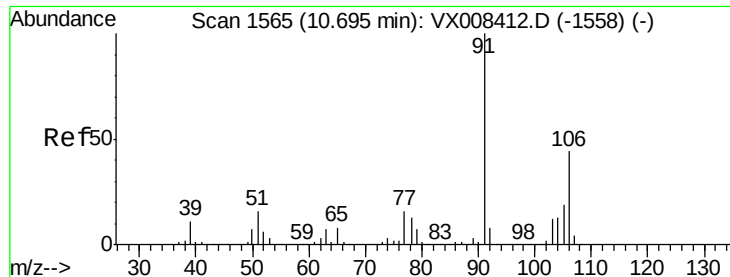
91 210.9 168.6 253.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

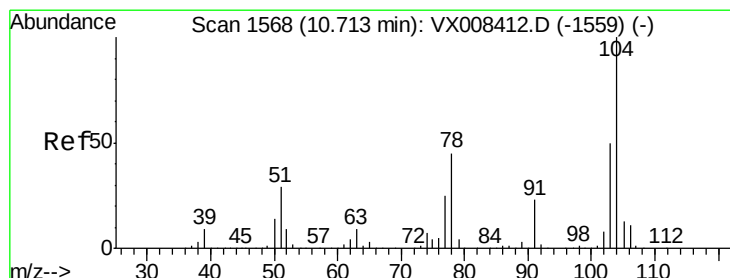
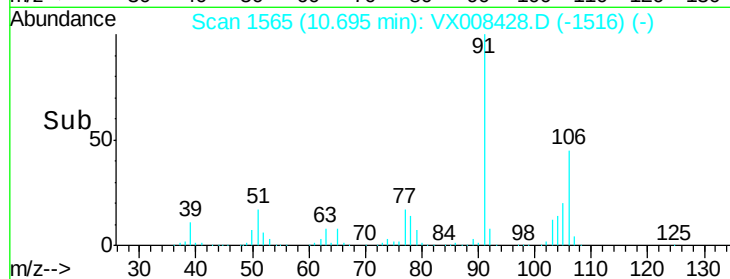
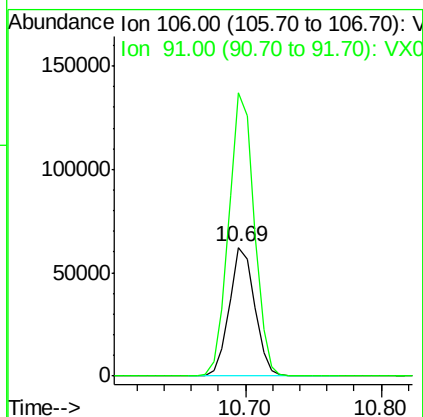
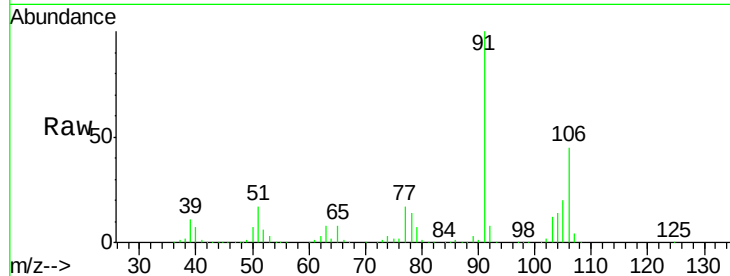




#69
o-Xylene
Concen: 19.098 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

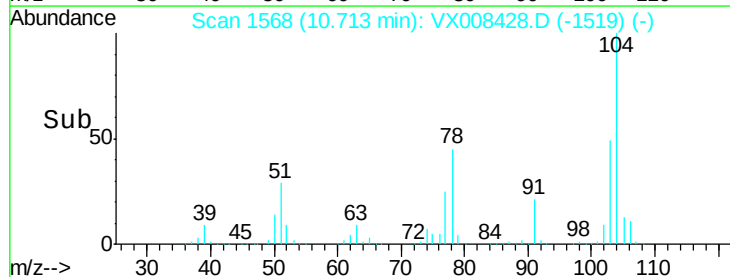
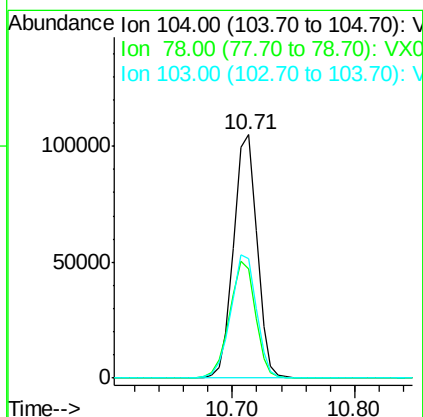
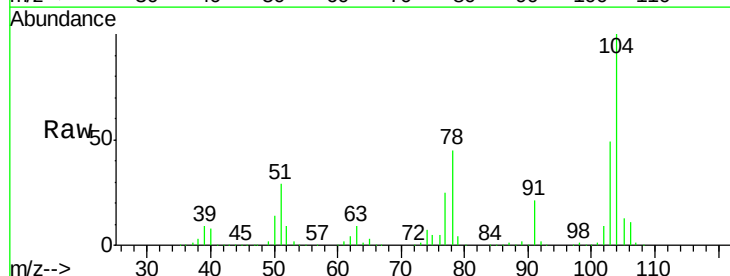
Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

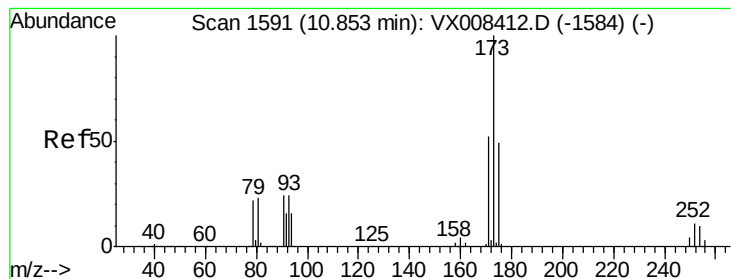
Tot Ion:106 Resp: 80614
Ion Ratio Lower Upper
106 100
91 222.1 111.4 334.2



#70
Styrene
Concen: 19.102 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:104 Resp: 139277
Ion Ratio Lower Upper
104 100
78 52.9 42.5 63.7
103 55.4 44.2 66.4





#71

Bromoform

Concen: 18.564 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

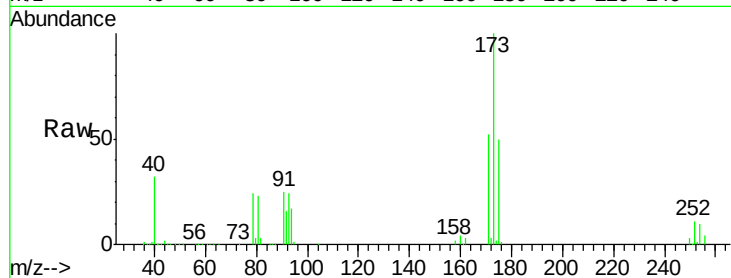
Tot Ion:173 Resp: 32044

Ion Ratio Lower Upper

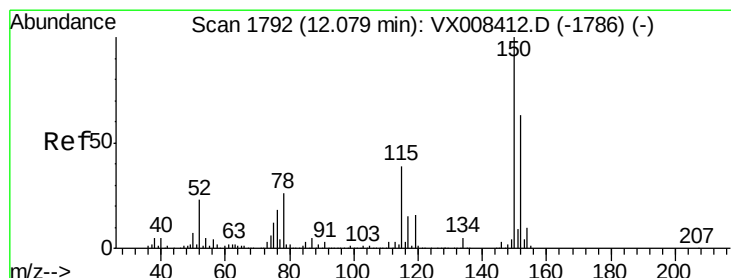
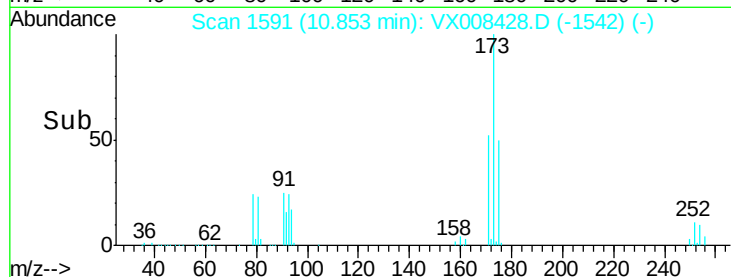
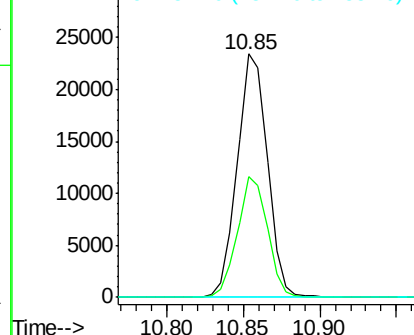
173 100

175 49.5 24.3 72.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

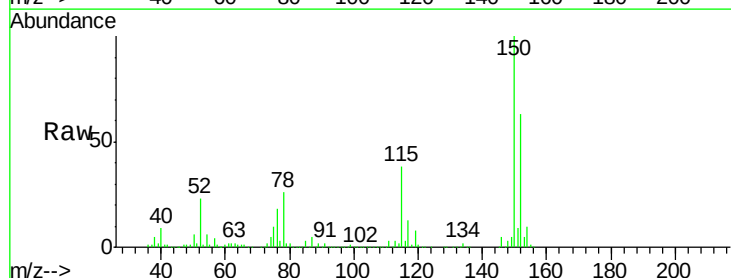
Tgt Ion:152 Resp: 133423

Ion Ratio Lower Upper

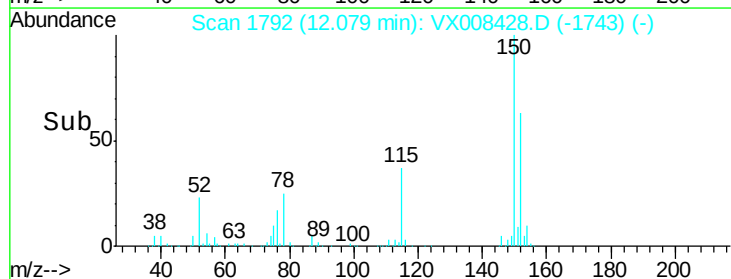
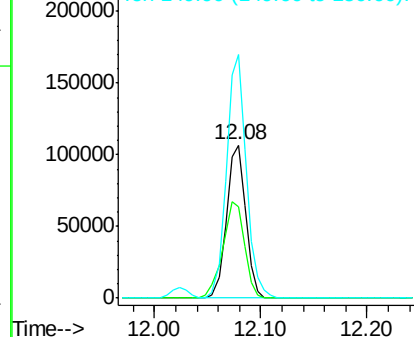
152 100

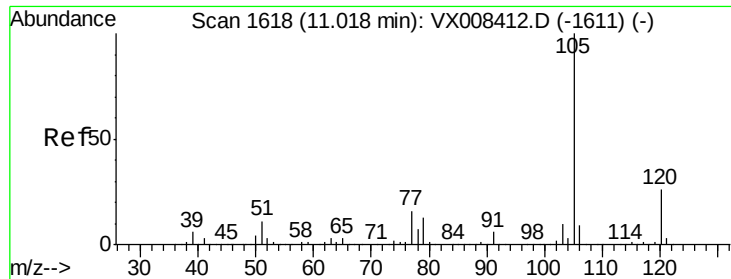
115 71.4 43.5 130.5

150 165.2 0.0 348.8



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: 19.905 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

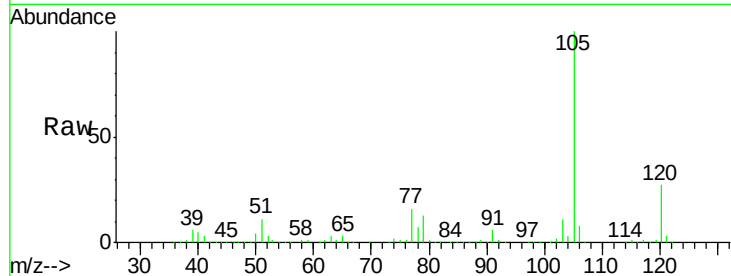
VX0325WBSD01

Tot Ion:105 Resp: 216056

Ion Ratio Lower Upper

105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

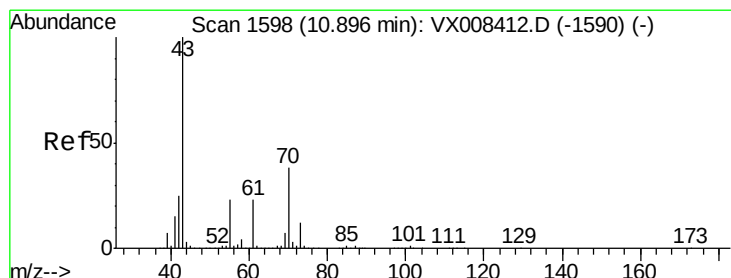
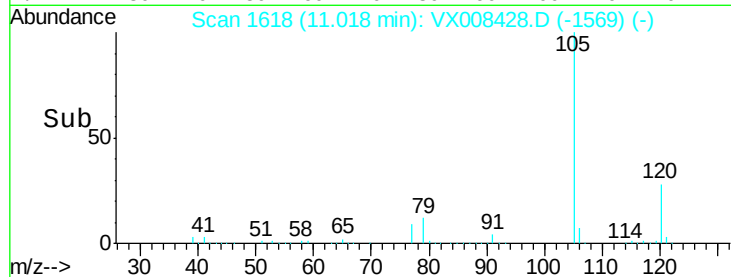
50000

0

11.02

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 20.037 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Tgt Ion: 43 Resp: 125885

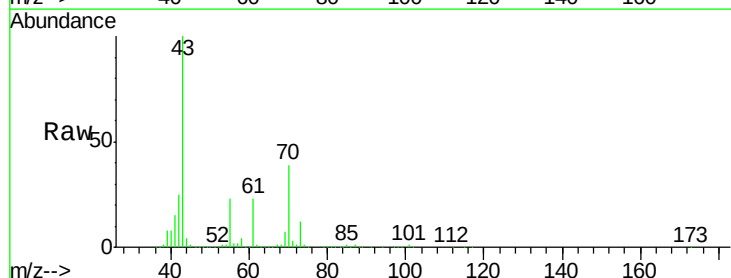
Ion Ratio Lower Upper

43 100

70 38.5 30.5 45.7

55 23.6 18.2 27.2

61 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

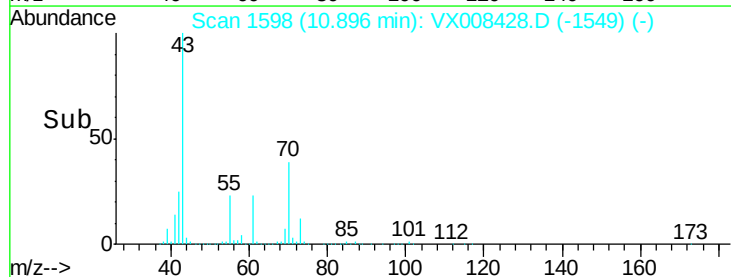
50000

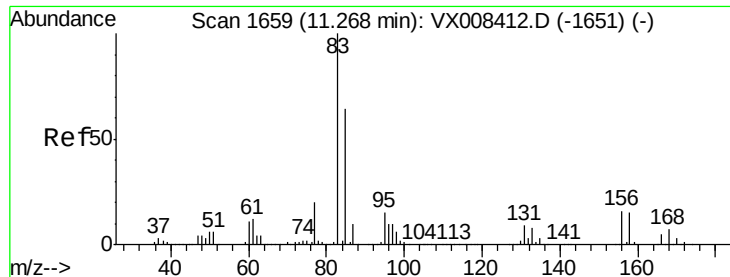
0

10.90

10.80 10.90 11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.022 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

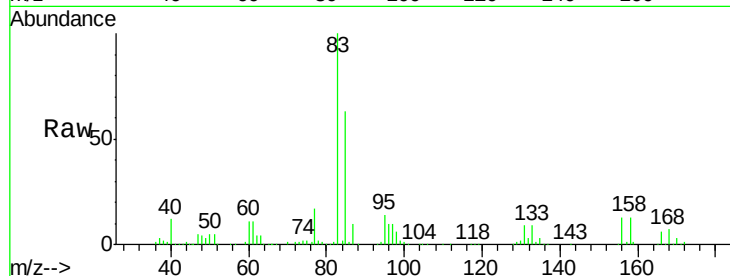
Tot Ion: 83 Resp: 84323

Ion	Ratio	Lower	Upper
83	100		
131	8.9	4.5	13.4
85	63.2	31.9	95.9

83 100

131 8.9 4.5 13.4

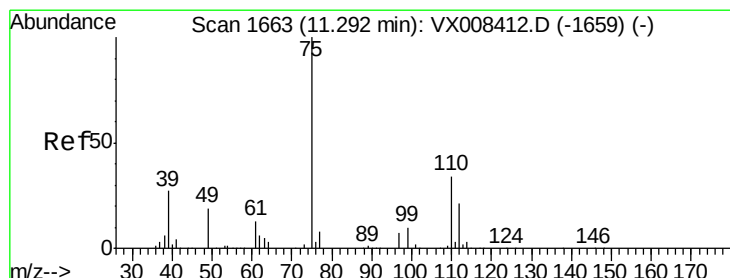
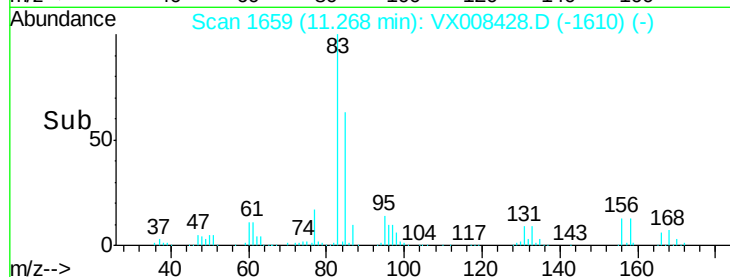
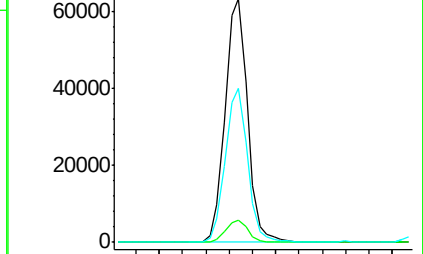
85 63.2 31.9 95.9



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: 22.237 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008428.D

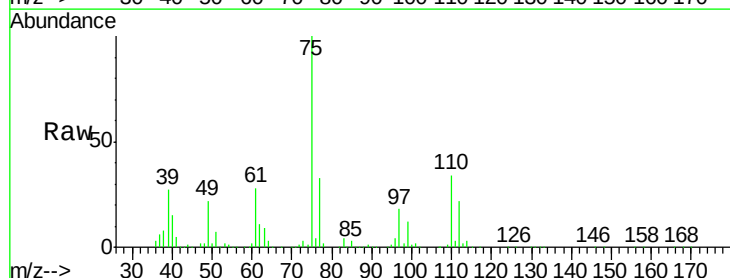
Acq: 25 Mar 2019 22:32

Tgt Ion: 75 Resp: 88206

Ion	Ratio	Lower	Upper
75	100		
77	32.8	21.9	65.7

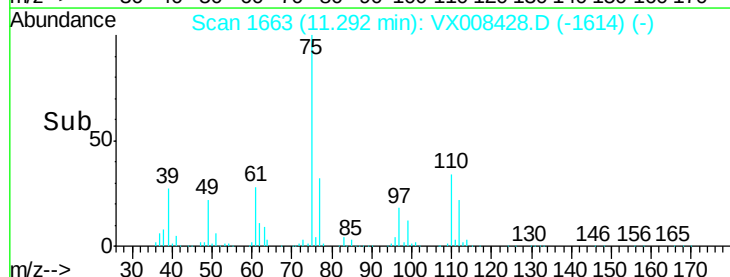
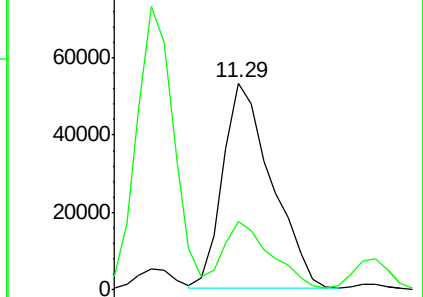
75 100

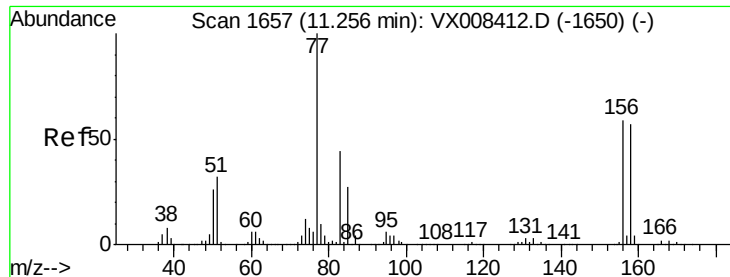
77 32.8 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.933 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

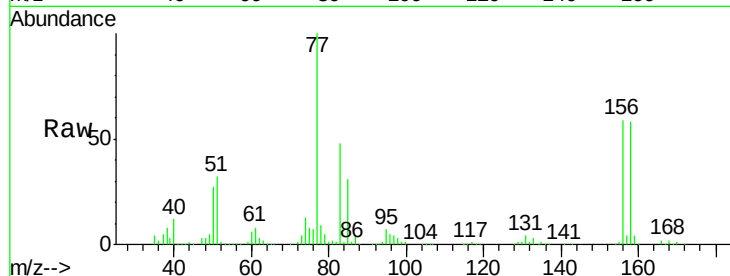
Tot Ion:156 Resp: 49877

Ion Ratio Lower Upper

156 100

77 185.4 91.1 273.3

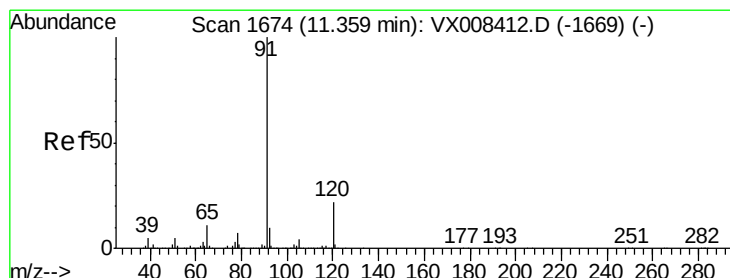
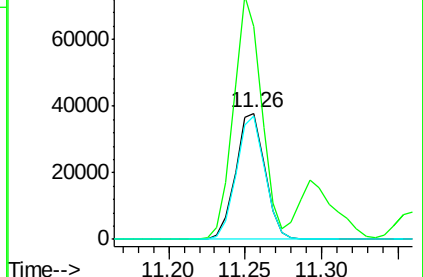
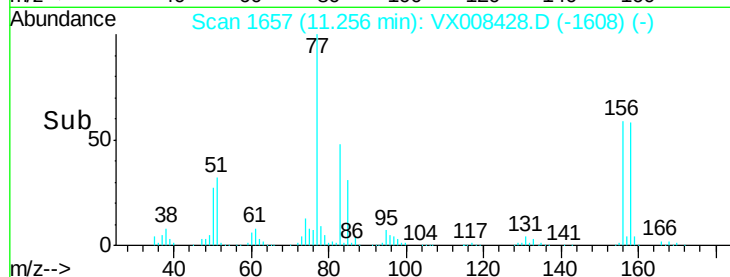
158 96.0 48.3 144.8



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: 19.586 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008428.D

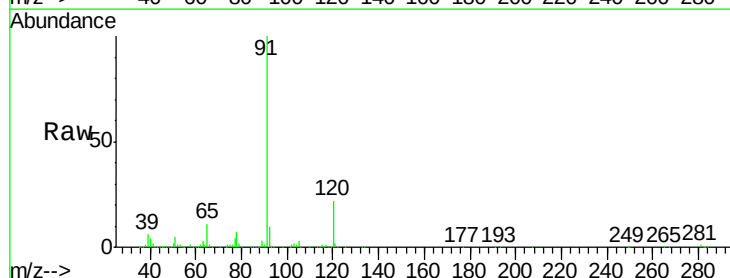
Acq: 25 Mar 2019 22:32

Tgt Ion: 91 Resp: 249048

Ion Ratio Lower Upper

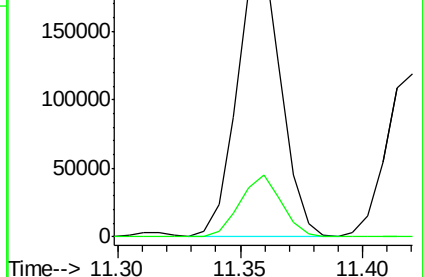
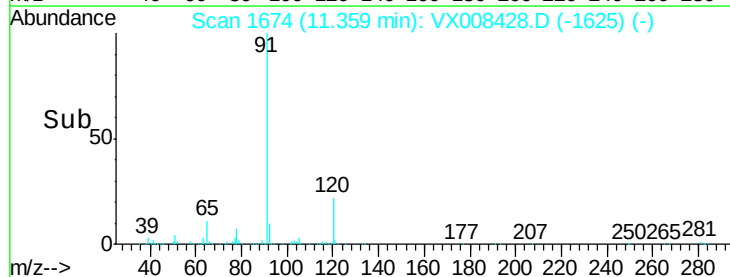
91 100

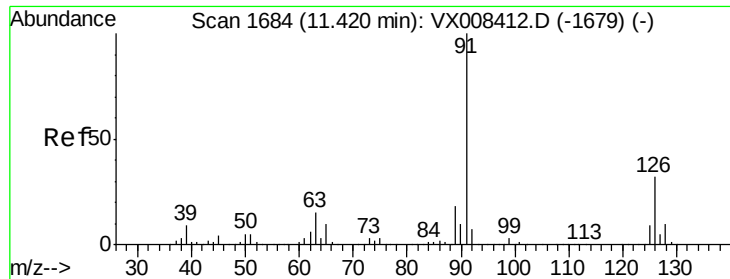
120 21.4 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

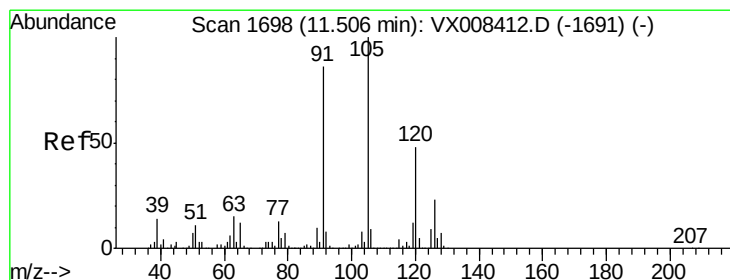
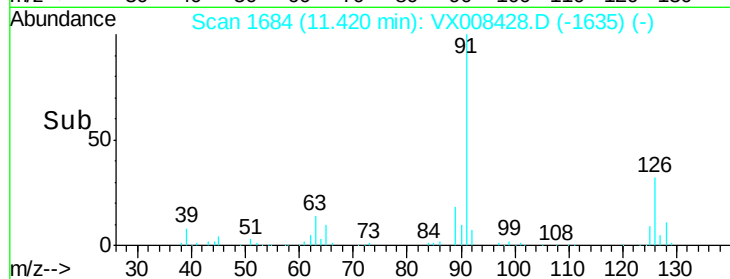
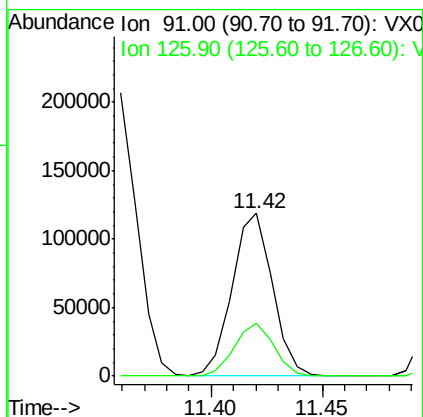
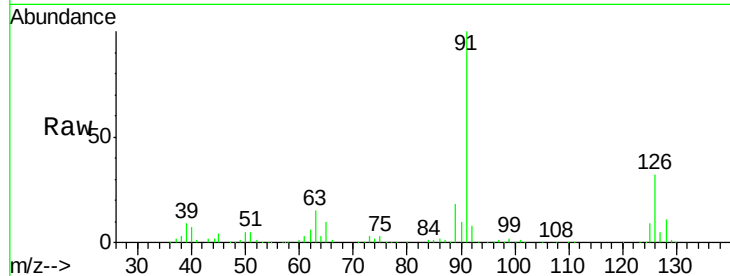




#79
 2-Chlorotoluene
 Concen: 19.280 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

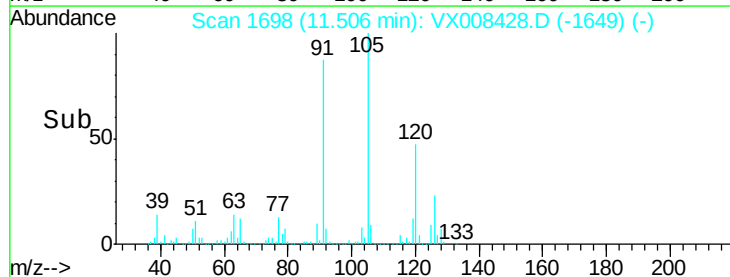
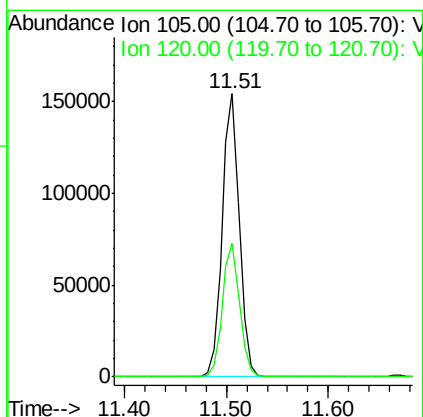
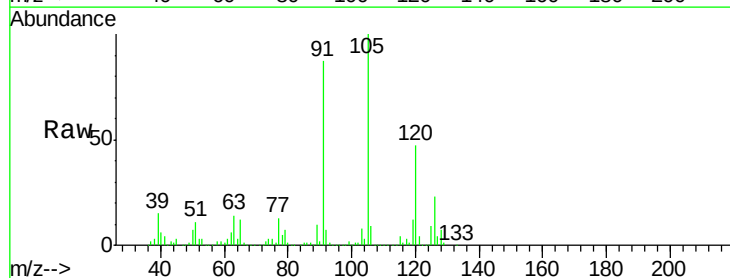
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

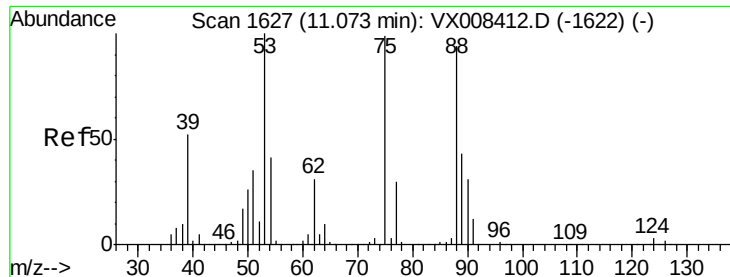
Tot Ion: 91 Resp: 149110
 Ion Ratio Lower Upper
 91 100
 126 32.1 15.7 47.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.715 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 105 Resp: 180921
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.3





#81

trans-1,4-Dichloro-2-butene

Concen: 18.216 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

VX0325WBSD01

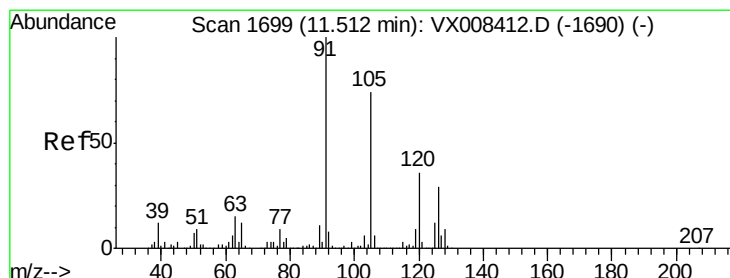
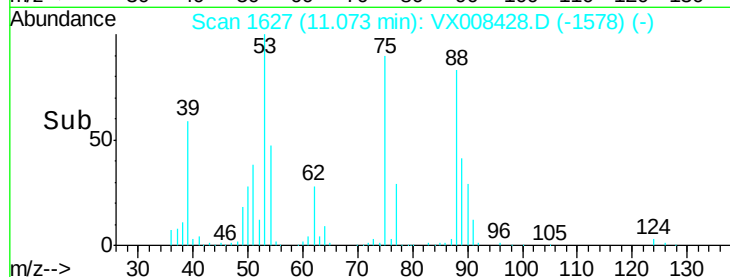
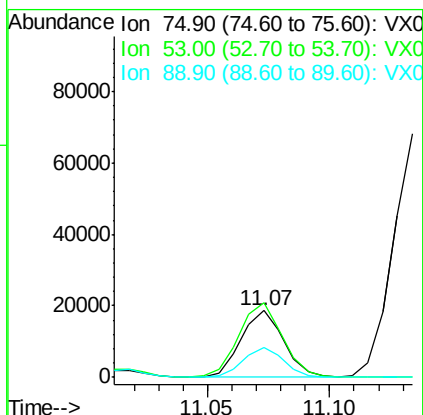
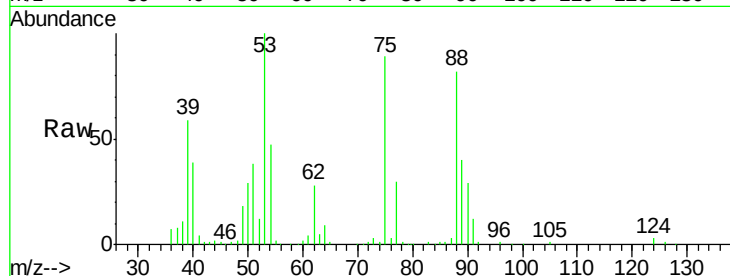
Tot Ion: 75 Resp: 22560

Ion Ratio Lower Upper

75 100

53 113.7 82.1 123.1

89 43.3 34.6 52.0



#82

4-Chlorotoluene

Concen: 19.093 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX008428.D

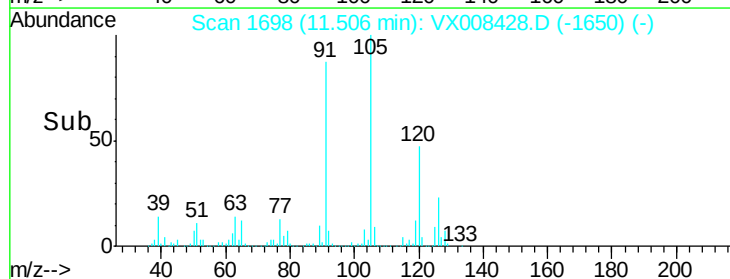
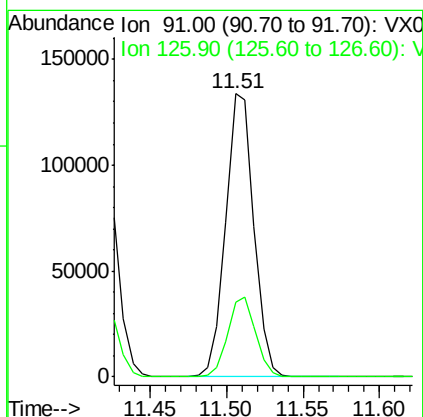
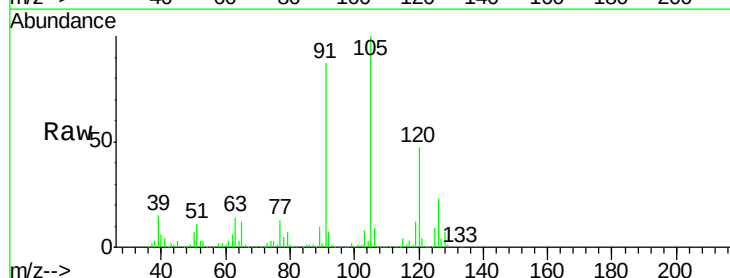
Acq: 25 Mar 2019 22:32

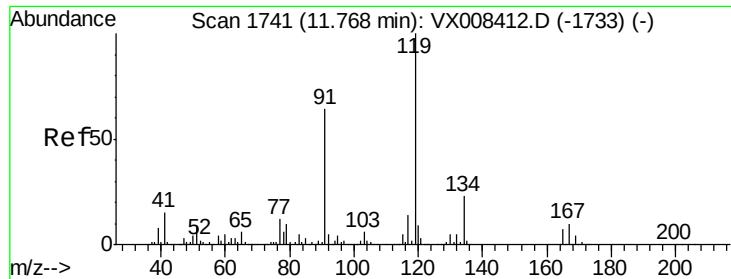
Tgt Ion: 91 Resp: 170329

Ion Ratio Lower Upper

91 100

126 27.6 13.9 41.7

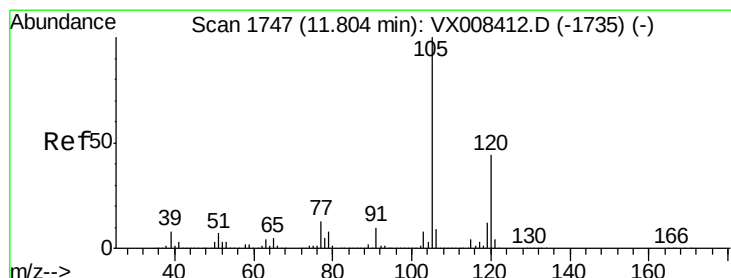
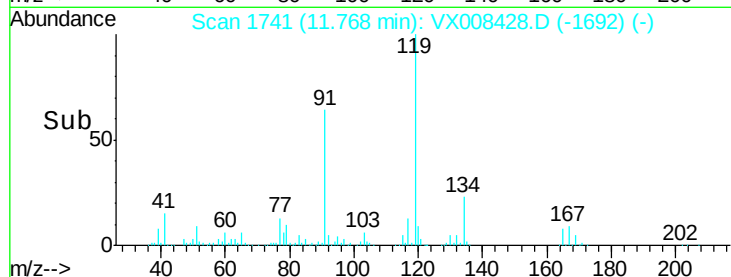
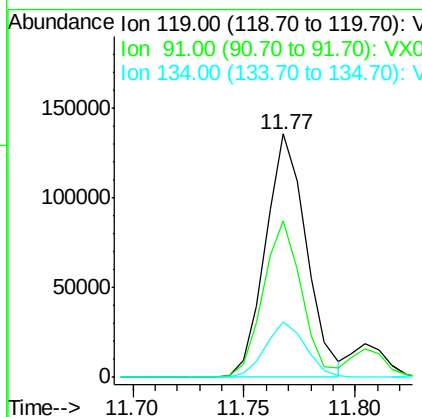
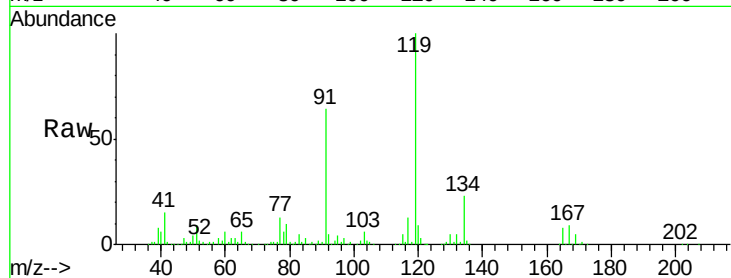




#83
 tert-Butylbenzene
 Concen: 19.466 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

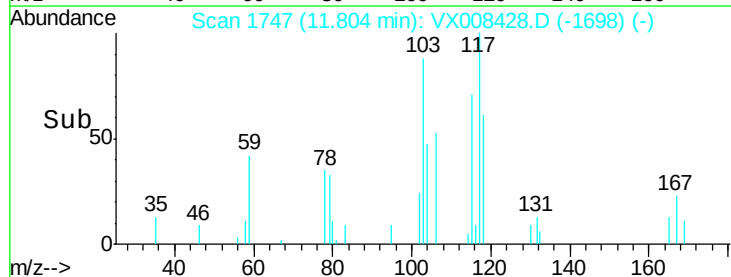
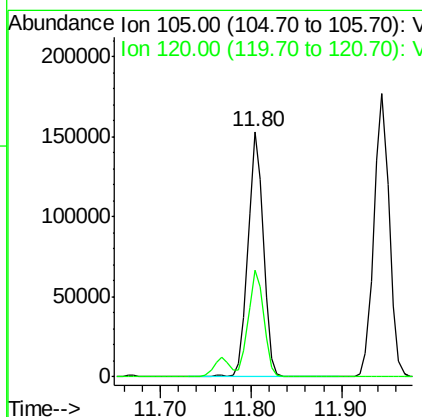
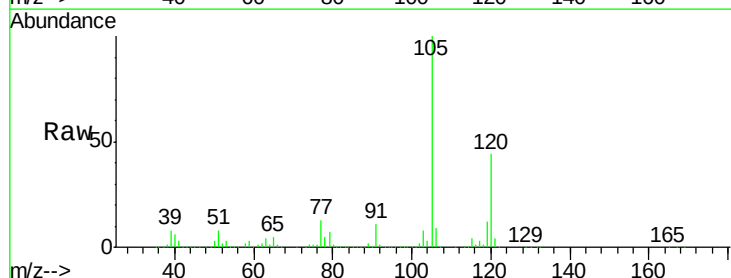
Instrument :
 MSVOA_X
 ClientSampled :
 VX0325WBSD01

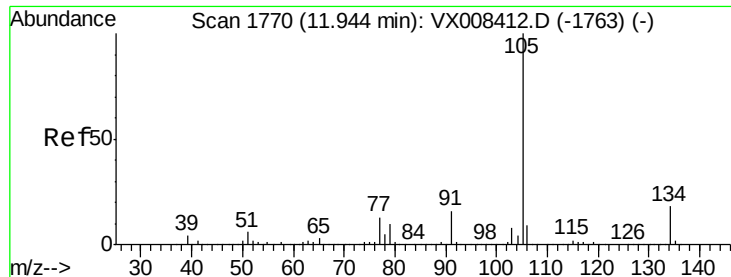
Tot Ion:119 Resp: 172350
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.1 90.3
 134 22.5 10.9 32.9



#84
 1,2,4-Trimethylbenzene
 Concen: 19.451 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion:105 Resp: 180539
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 19.610 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampleId :

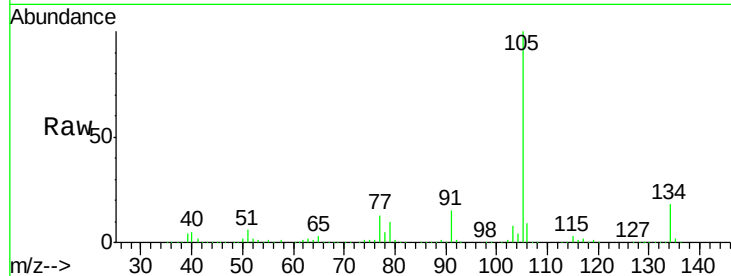
VX0325WBSD01

Tot Ion:105 Resp: 206758

Ion Ratio Lower Upper

105 100

134 18.3 9.3 28.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

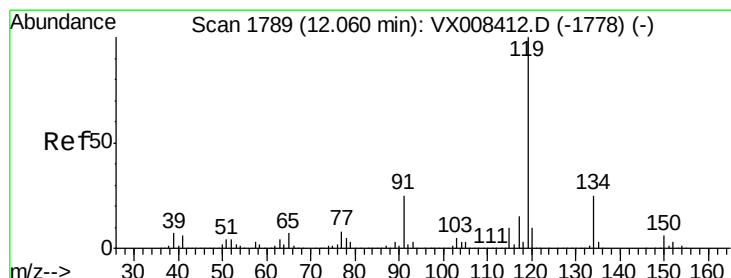
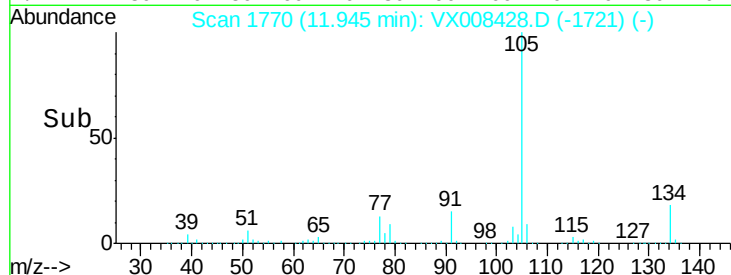
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.673 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

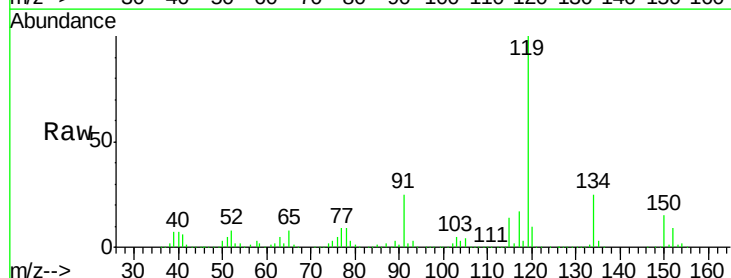
Tgt Ion:119 Resp: 183023

Ion Ratio Lower Upper

119 100

134 25.4 12.8 38.4

91 24.7 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

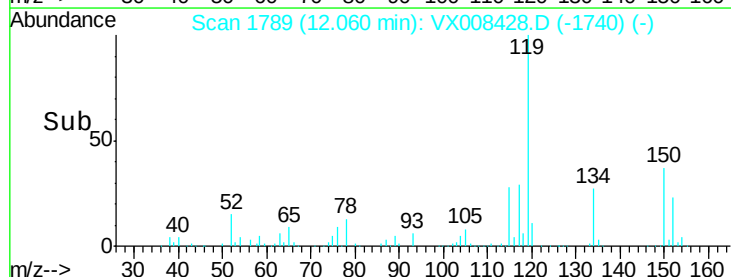
150000

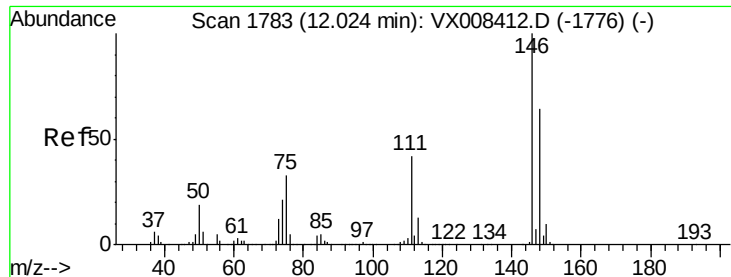
100000

50000

0

Time-->

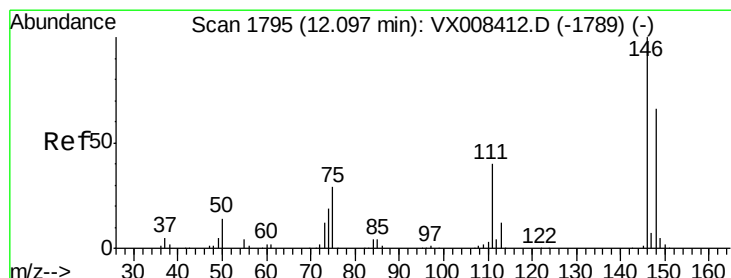
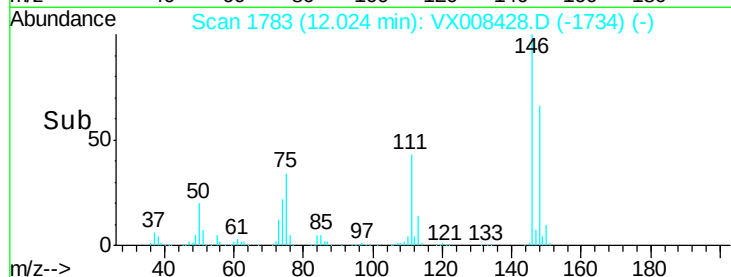
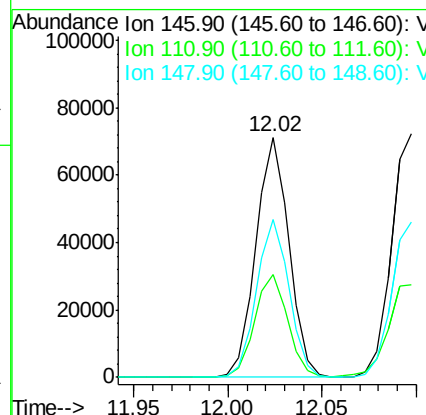
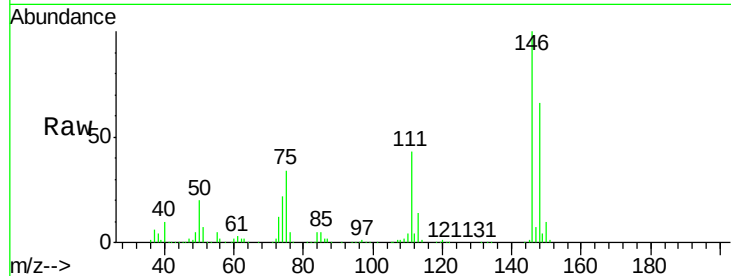




#87
 1,3-Dichlorobenzene
 Concen: 18.385 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

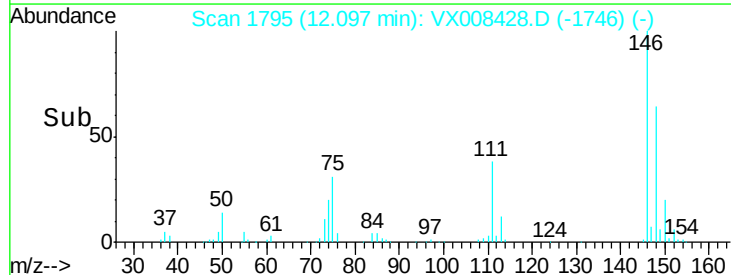
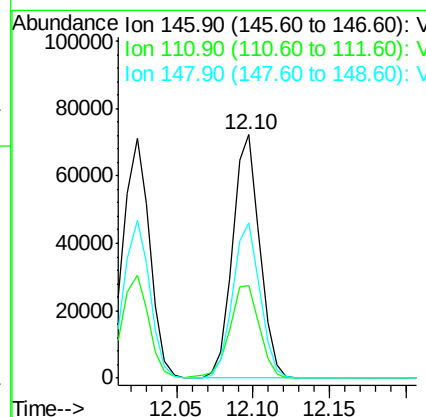
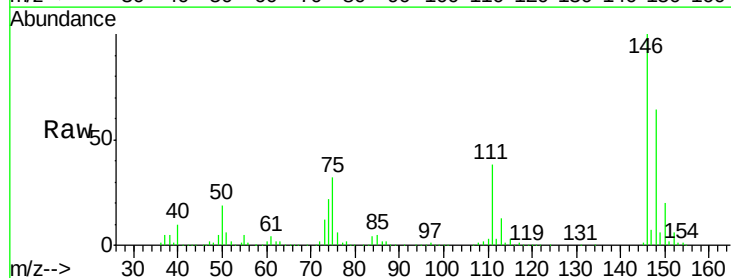
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

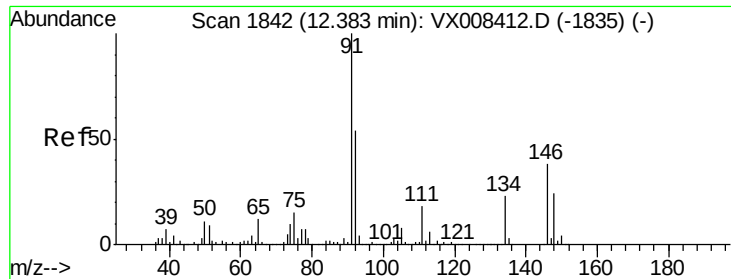
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	20.8	62.5
148	65.0	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 18.698 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.3	61.0
148	64.3	32.1	96.5





#89

n-Butylbenzene

Concen: 18.854 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008428.D

Acq: 25 Mar 2019 22:32

Instrument :

MSVOA_X

ClientSampled :

VX0325WBSD01

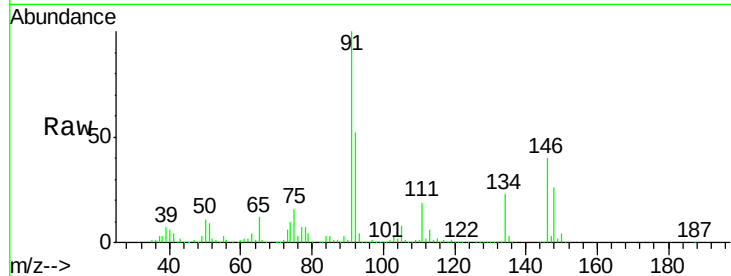
Tot Ion: 91 Resp: 166160

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

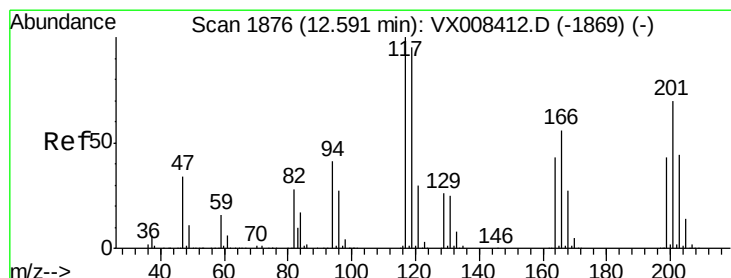
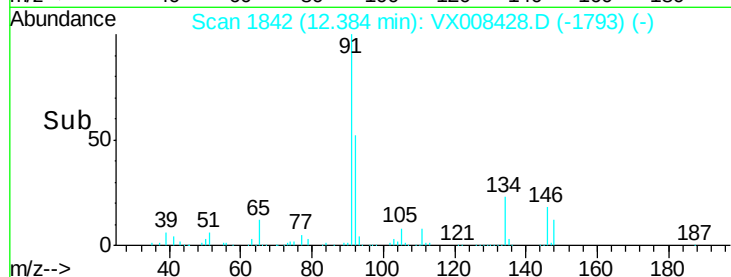
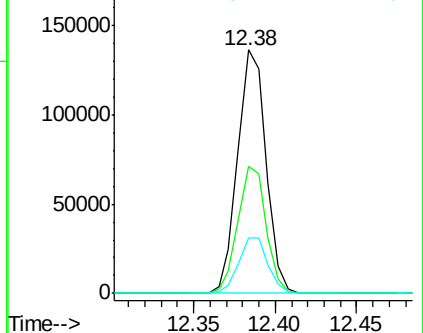
134 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.916 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX008428.D

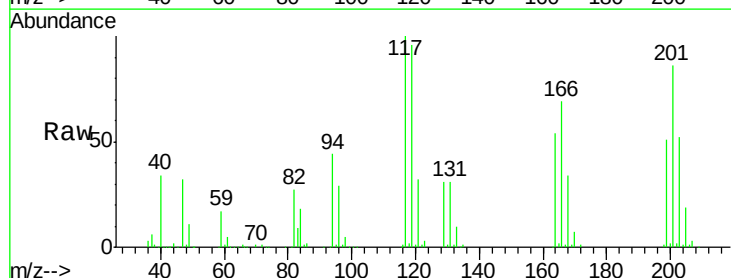
Acq: 25 Mar 2019 22:32

Tgt Ion: 117 Resp: 29319

Ion Ratio Lower Upper

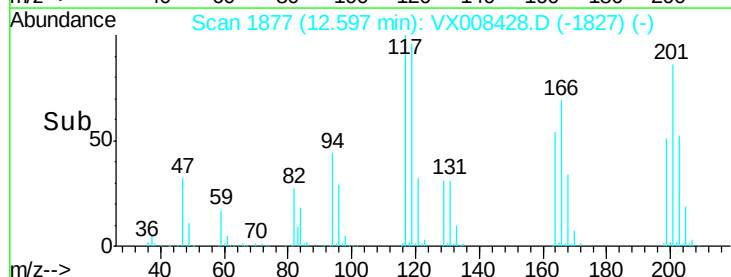
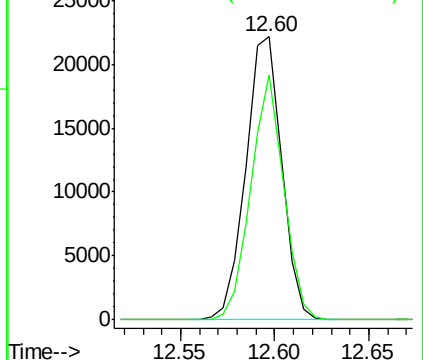
117 100

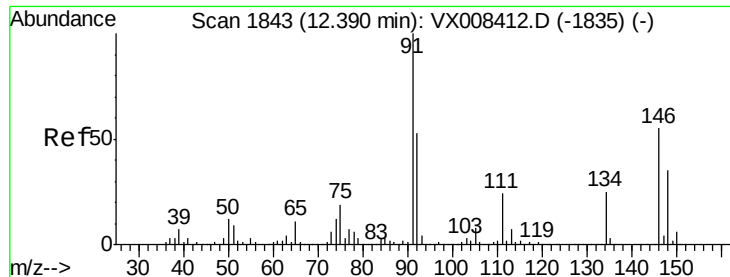
201 79.0 39.4 118.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

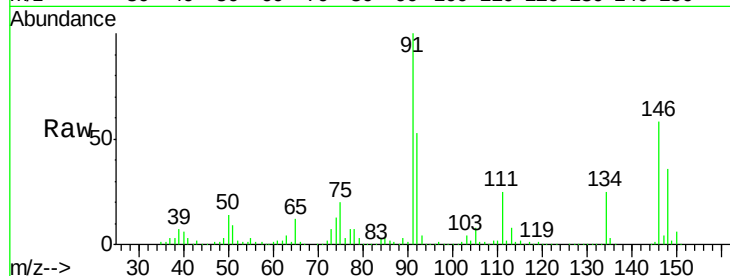




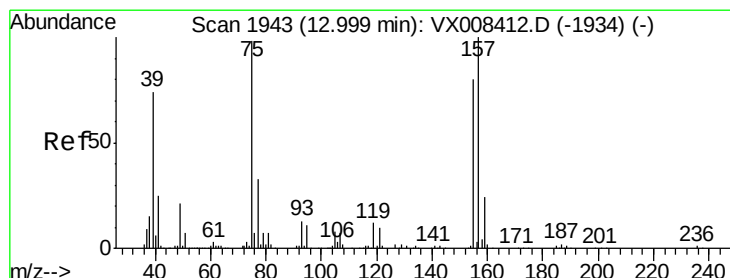
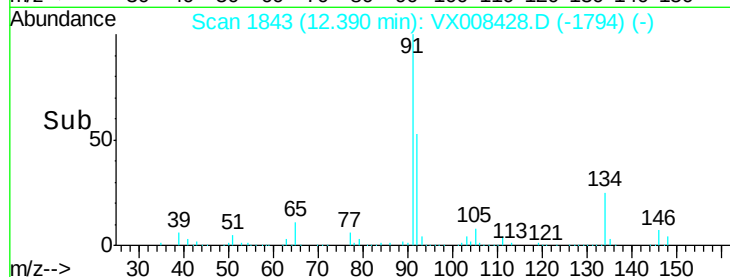
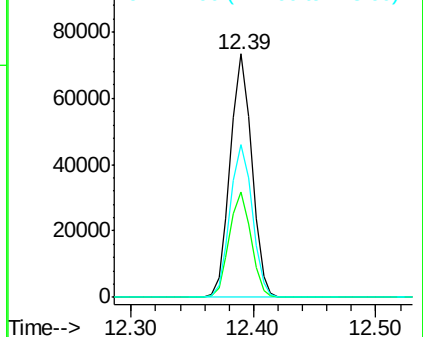
#91
 1,2-Dichlorobenzene
 Concen: 18.971 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Tot Ion:146 Resp: 89423
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.6
 148 64.4 31.9 95.7

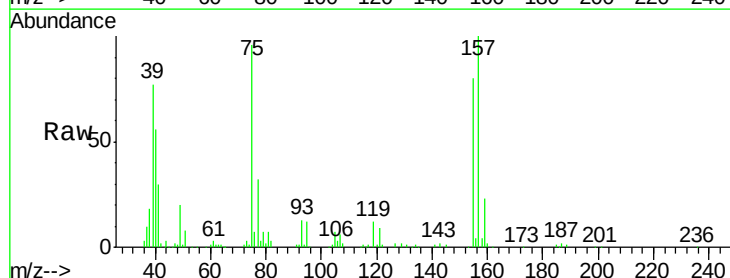


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

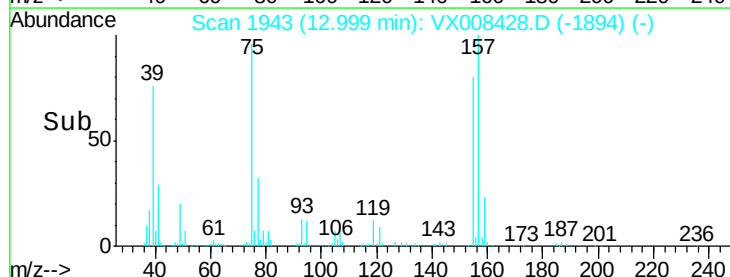
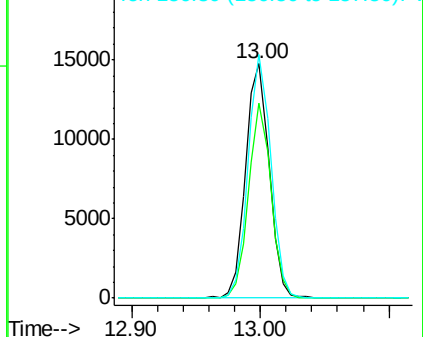


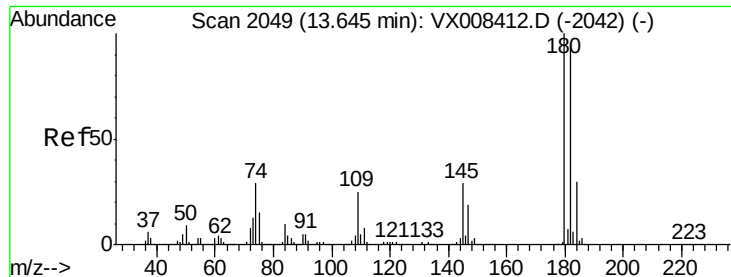
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.219 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion: 75 Resp: 18567
 Ion Ratio Lower Upper
 75 100
 155 78.3 39.5 118.5
 157 99.8 49.9 149.7



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

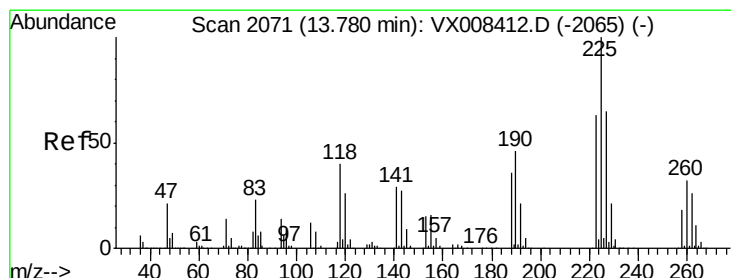
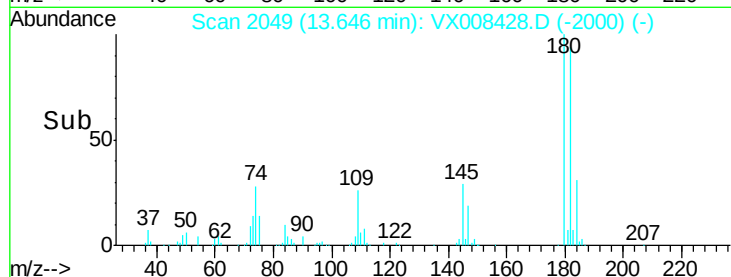
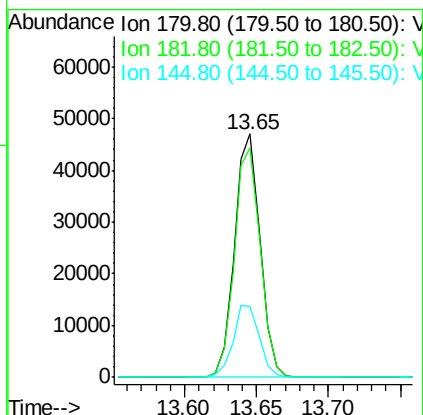
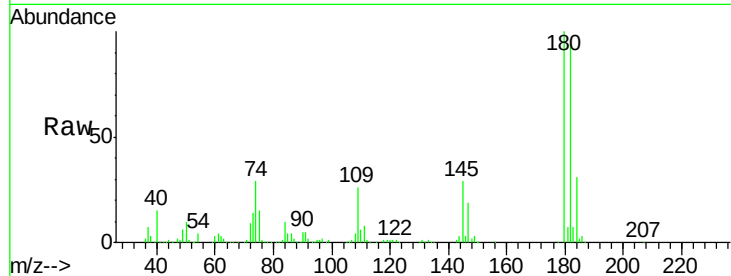




#93
 1,2,4-Trichlorobenzene
 Concen: 18.400 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

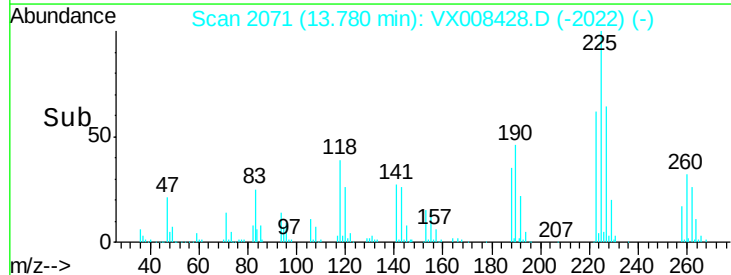
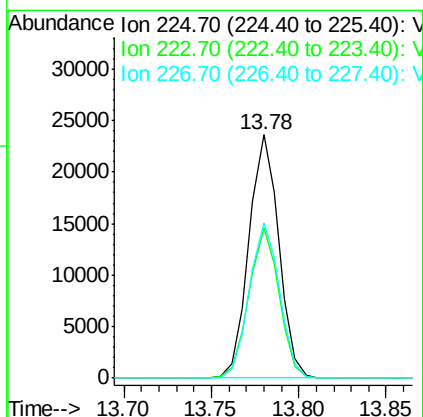
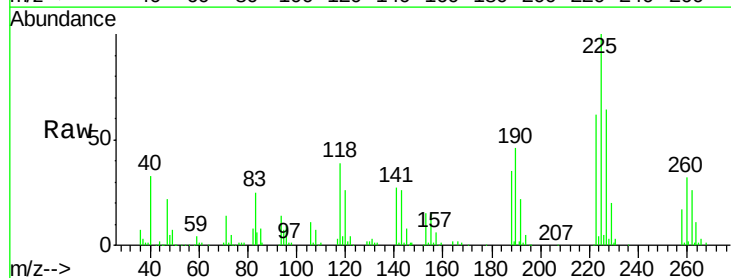
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

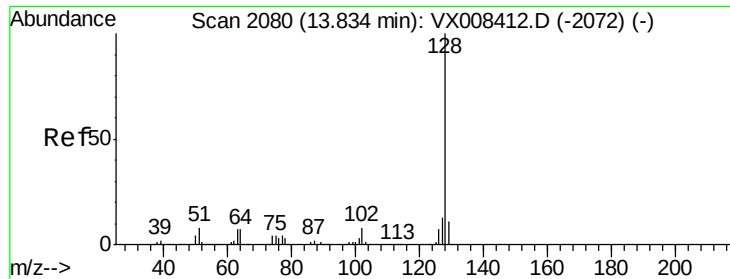
Tot Ion:180 Resp: 58393
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 30.3 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.763 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008428.D
 Acq: 25 Mar 2019 22:32

Tgt Ion:225 Resp: 28273
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.0
 227 64.5 31.9 95.9

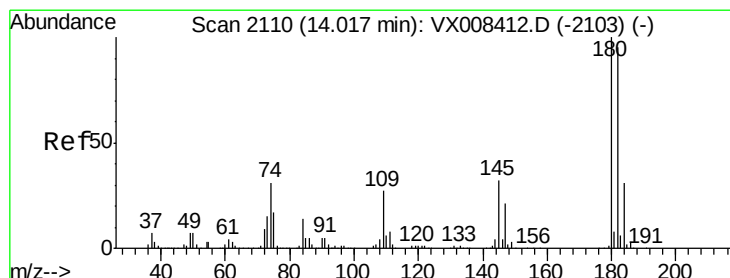
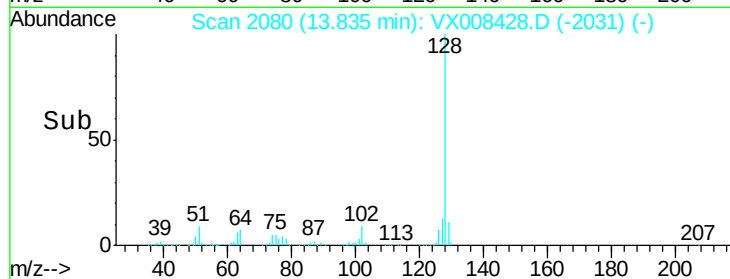
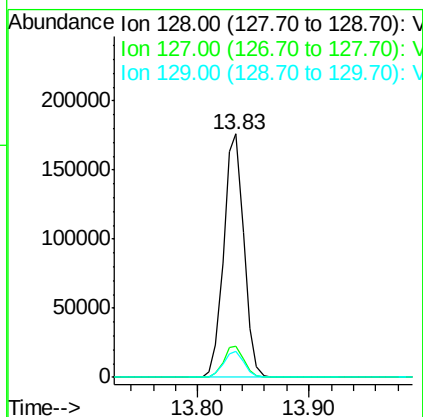
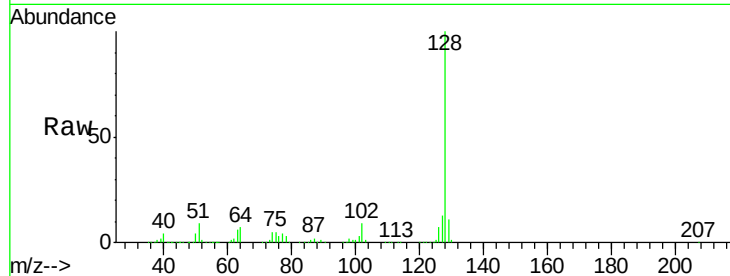




#95
Naphthalene
Concen: 20.192 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Instrument :
MSVOA_X
ClientSampleId :
VX0325WBSD01

Tot Ion:128 Resp: 219690
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.331 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008428.D
Acq: 25 Mar 2019 22:32

Tgt Ion:180 Resp: 61644
Ion Ratio Lower Upper
180 100
182 95.9 47.3 142.0
145 33.1 16.2 48.5

