

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008208.D
 Acq On : 19 Mar 2019 23:28
 Operator : JC/SP
 Sample : VX0319WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Quant Time: Mar 20 07:14:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	483985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	430293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198032	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	216876	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
35) Dibromofluoromethane	5.50	113	160061	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.71	98	618655	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	218824	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.20	85	69534	20.015	ug/l	99
3) Chloromethane	1.33	50	83015	19.043	ug/l	100
4) Vinyl Chloride	1.41	62	84488	19.439	ug/l	99
5) Bromomethane	1.64	94	62512	16.884	ug/l	99
6) Chloroethane	1.73	64	54346	19.942	ug/l	99
7) Trichlorofluoromethane	1.93	101	104215	18.788	ug/l	97
8) Diethyl Ether	2.19	74	59459	20.835	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71750	19.483	ug/l	91
10) Methyl Iodide	2.51	142	93460	19.931	ug/l	96
11) Tert butyl alcohol	3.04	59	95464	103.331	ug/l	99
12) 1,1-Dichloroethene	2.38	96	70533	20.287	ug/l	93
13) Acrolein	2.29	56	55401	77.975	ug/l	99
14) Allyl chloride	2.73	41	151629	20.034	ug/l	93
15) Acrylonitrile	3.14	53	254358	104.089	ug/l	99
16) Acetone	2.45	43	224335	91.652	ug/l	97
17) Carbon Disulfide	2.57	76	216236	19.471	ug/l	98
18) Methyl Acetate	2.78	43	123514	21.797	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	259383	20.633	ug/l	98
20) Methylene Chloride	2.86	84	83001	20.336	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	74555	19.849	ug/l	91
22) Diisopropyl ether	3.86	45	307933	20.774	ug/l	89
23) Vinyl Acetate	3.82	43	1321853	104.013	ug/l	97
24) 1,1-Dichloroethane	3.70	63	157287	20.631	ug/l	99
25) 2-Butanone	4.67	43	369552	102.281	ug/l	96
26) 2,2-Dichloropropane	4.59	77	94334	16.425	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	85975	20.079	ug/l	93
28) Bromochloromethane	5.02	49	67969	19.854	ug/l #	82
29) Tetrahydrofuran	5.13	42	242487	107.359	ug/l	97
30) Chloroform	5.21	83	146888	20.597	ug/l	100
31) Cyclohexane	5.58	56	143569	20.054	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	120708	20.347	ug/l	96
36) 1,1-Dichloropropene	5.80	75	112375	19.943	ug/l	96
37) Ethyl Acetate	4.84	43	140670	21.118	ug/l	98
38) Carbon Tetrachloride	5.79	117	99407	19.800	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008208.D
 Acq On : 19 Mar 2019 23:28
 Operator : JC/SP
 Sample : VX0319WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

Quant Time: Mar 20 07:14:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	126216	18.613	ug/l	95
40) Benzene	6.15	78	338863	20.318	ug/l	100
41) Methacrylonitrile	5.04	41	78094	20.901	ug/l	97
42) 1,2-Dichloroethane	6.20	62	124325	20.349	ug/l	95
43) Isopropyl Acetate	6.45	43	218073	20.425	ug/l	97
44) Trichloroethene	7.21	130	82254	20.170	ug/l	88
45) 1,2-Dichloropropane	7.51	63	94059	20.146	ug/l	98
46) Dibromomethane	7.66	93	56059	19.831	ug/l	88
47) Bromodichloromethane	7.90	83	108223	20.089	ug/l	98
48) Methyl methacrylate	7.77	41	116287	20.484	ug/l	92
49) 1,4-Dioxane	7.74	88	41625	415.500	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	741903	107.484	ug/l	98
52) Toluene	8.78	92	201310	20.346	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	114805	17.955	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129198	19.324	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	83198	20.812	ug/l	98
56) Ethyl methacrylate	9.18	69	135747	19.681	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	146591	20.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	319819	97.642	ug/l	94
59) 2-Hexanone	9.49	43	561616	105.685	ug/l	95
60) Dibromochloromethane	9.58	129	79339	20.651	ug/l	99
61) 1,2-Dibromoethane	9.67	107	86317	20.679	ug/l	98
64) Tetrachloroethene	9.34	164	78857	20.313	ug/l	94
65) Chlorobenzene	10.14	112	211403	19.967	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	75645	20.491	ug/l	99
67) Ethyl Benzene	10.25	91	376893	20.200	ug/l	96
68) m/p-Xylenes	10.36	106	275446	40.189	ug/l	93
69) o-Xylene	10.69	106	135499	20.346	ug/l	94
70) Styrene	10.71	104	220516	20.374	ug/l	96
71) Bromoform	10.85	173	56334	19.134	ug/l #	99
73) Isopropylbenzene	11.02	105	359408	20.361	ug/l	98
74) N-amyl acetate	10.90	43	190571	20.606	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	130719	20.652	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	150757	27.067	ug/l	92
77) Bromobenzene	11.26	156	86177	20.192	ug/l	85
78) n-propylbenzene	11.36	91	415821	20.282	ug/l	96
79) 2-Chlorotoluene	11.42	91	250624	20.367	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	296741	20.348	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	36696	17.750	ug/l	88
82) 4-Chlorotoluene	11.51	91	283738	19.815	ug/l	95
83) tert-Butylbenzene	11.77	119	277590	19.938	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	304209	20.577	ug/l	97
85) sec-Butylbenzene	11.94	105	348149	20.192	ug/l	96
86) p-Isopropyltoluene	12.06	119	298480	19.999	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	151128	19.814	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	151573	19.212	ug/l	97
89) n-Butylbenzene	12.38	91	265288	18.939	ug/l	97
90) Hexachloroethane	12.60	117	50839	20.001	ug/l	81
91) 1,2-Dichlorobenzene	12.39	146	153764	19.994	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28310	20.137	ug/l	77

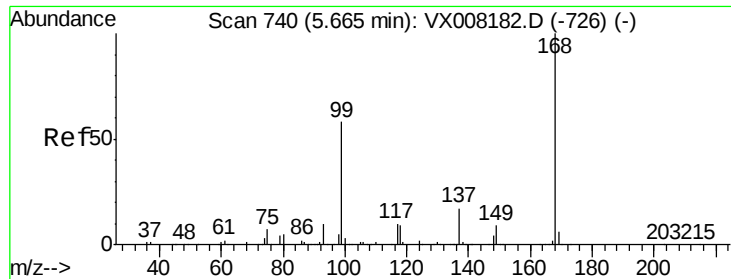
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
Data File : VX008208.D
Acq On : 19 Mar 2019 23:28
Operator : JC/SP
Sample : VX0319WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

Quant Time: Mar 20 07:14:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	96584	19.067	ug/l	99
94) Hexachlorobutadiene	13.78	225	47975	19.419	ug/l	99
95) Naphthalene	13.83	128	322058	20.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	99172	19.896	ug/l	98

(#) = 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. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

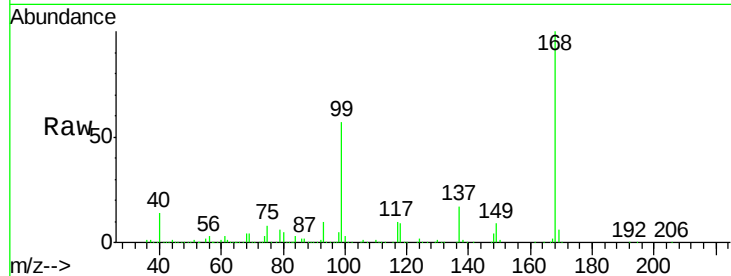
VX0319WBS02

Tot Ion:168 Resp: 286546

Ion Ratio Lower Upper

168 100

99 56.4 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

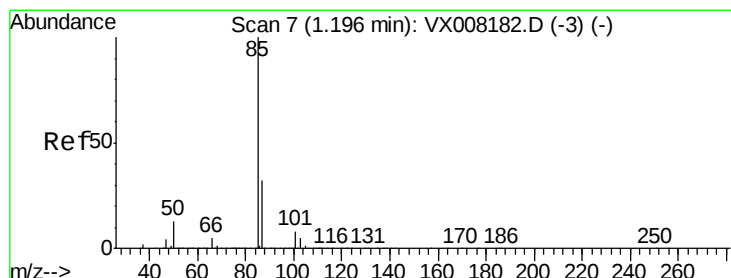
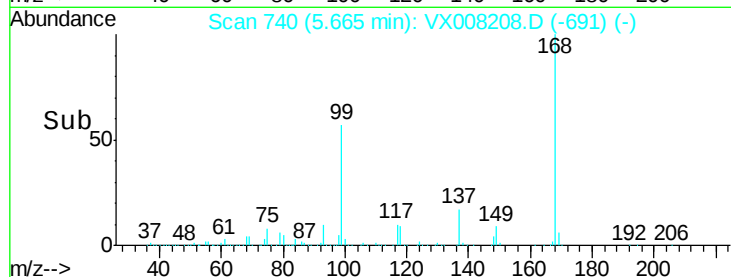
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.015 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008208.D

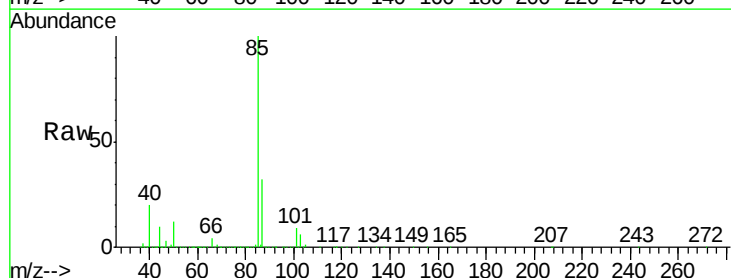
Acq: 19 Mar 2019 23:28

Tgt Ion: 85 Resp: 69534

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

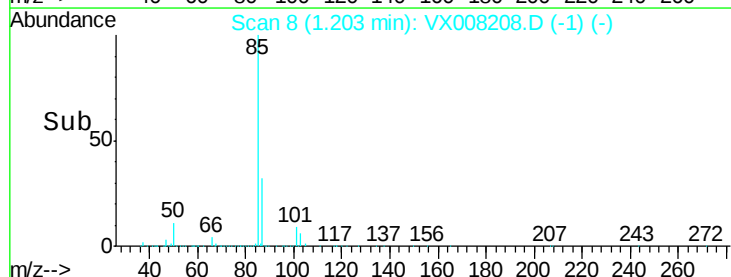
60000

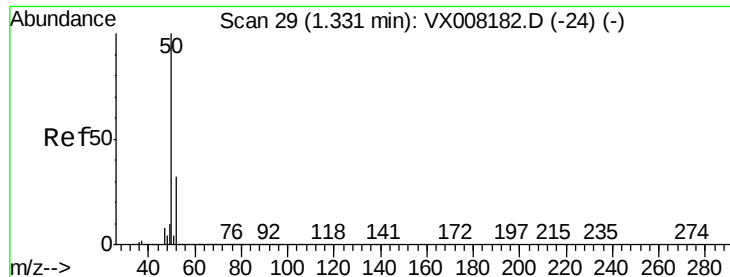
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.043 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

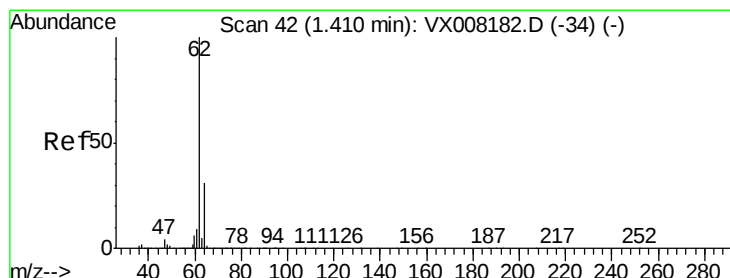
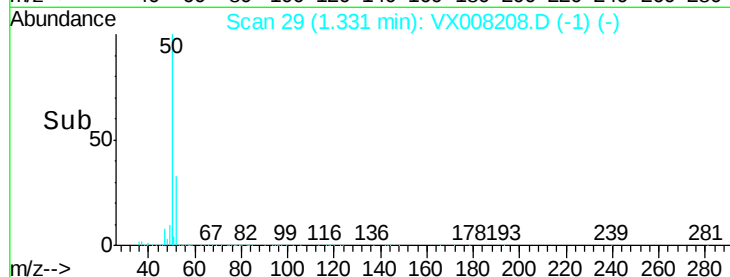
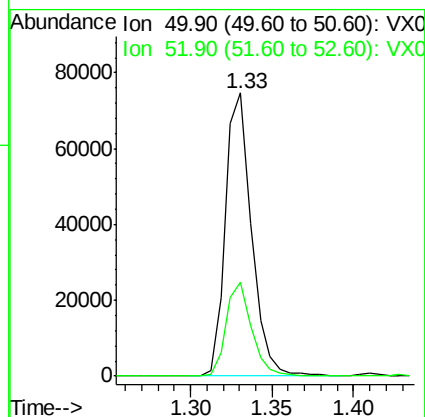
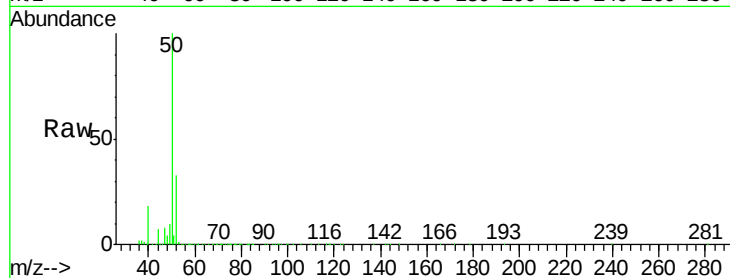
VX0319WBS02

Tot Ion: 50 Resp: 83015

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 19.439 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008208.D

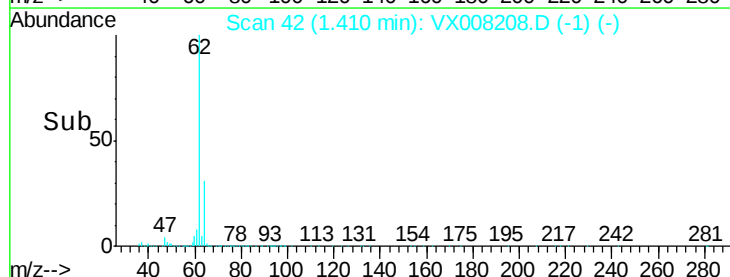
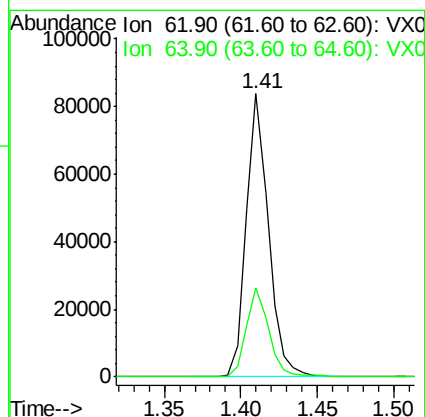
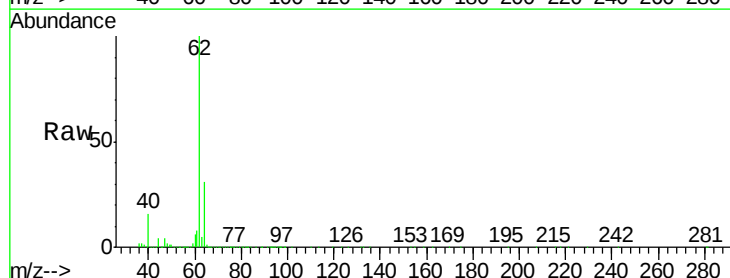
Acq: 19 Mar 2019 23:28

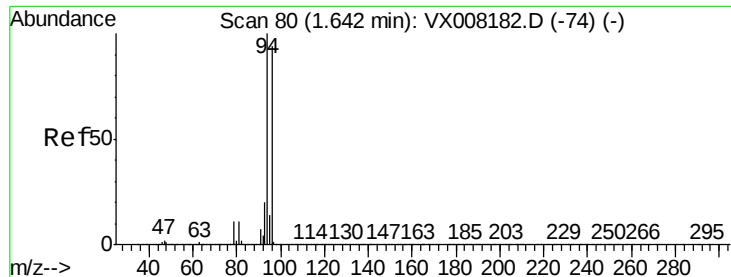
Tgt Ion: 62 Resp: 84488

Ion Ratio Lower Upper

62 100

64 31.0 25.3 37.9





#5

Bromomethane

Concen: 16.884 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

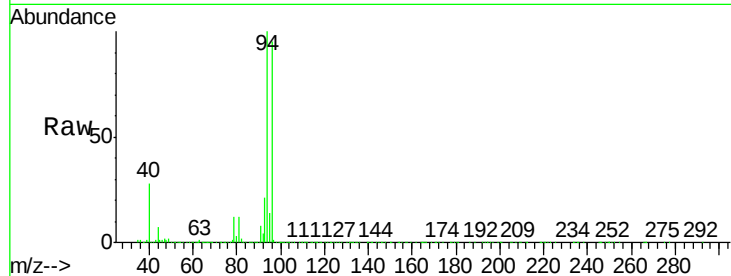
VX0319WBS02

Tot Ion: 94 Resp: 62512

Ion Ratio Lower Upper

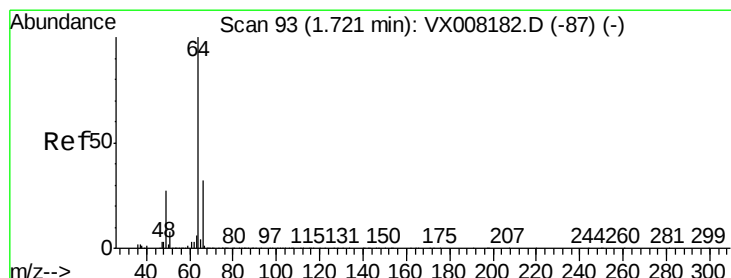
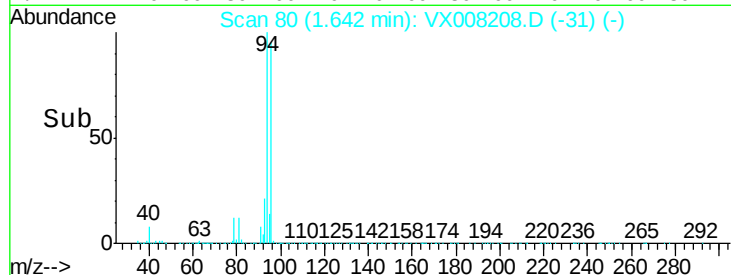
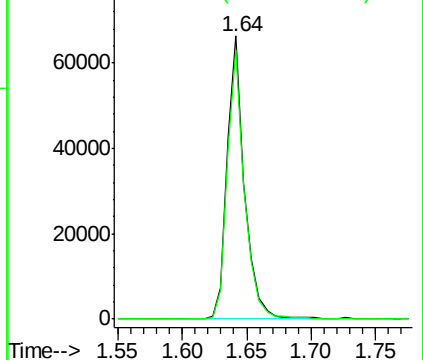
94 100

96 95.0 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.942 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008208.D

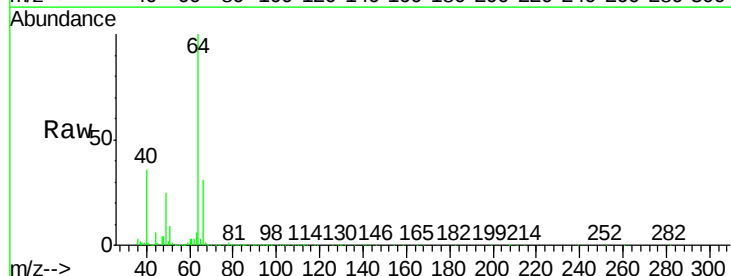
Acq: 19 Mar 2019 23:28

Tgt Ion: 64 Resp: 54346

Ion Ratio Lower Upper

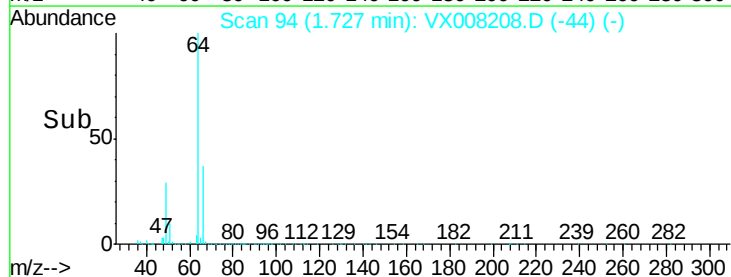
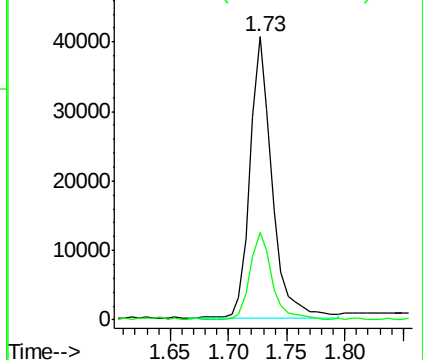
64 100

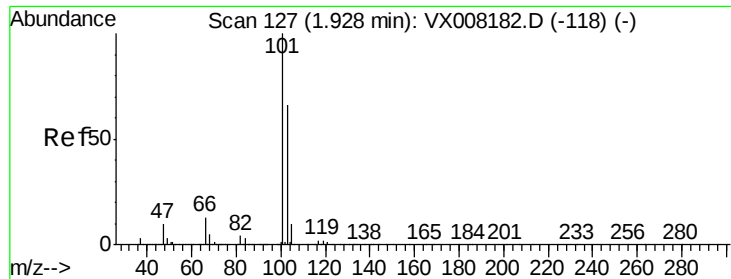
66 30.9 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



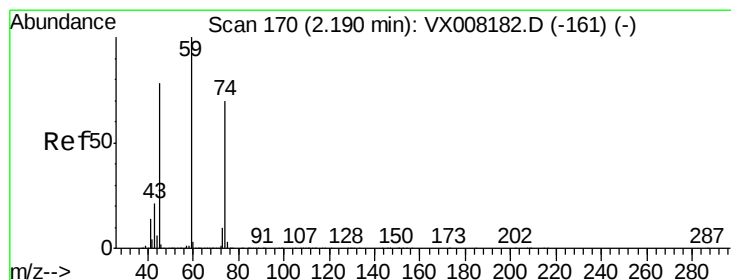
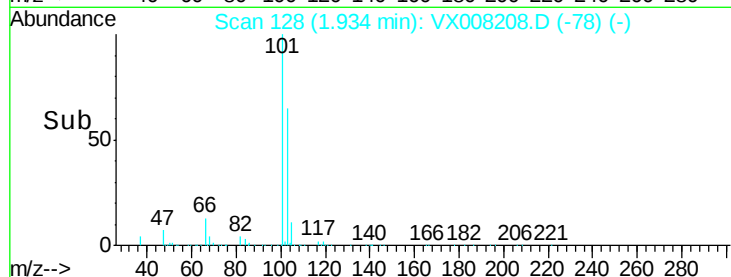
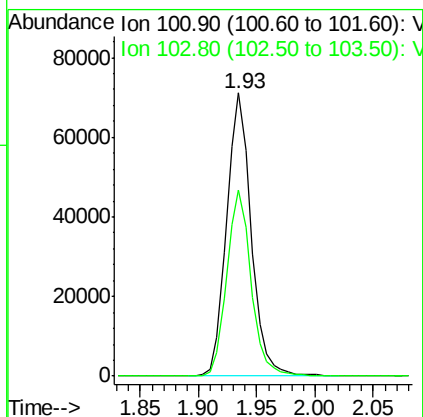
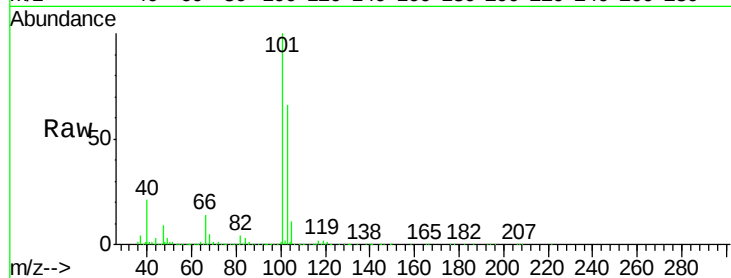


#7

Trichlorofluoromethane
Concen: 18.788 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

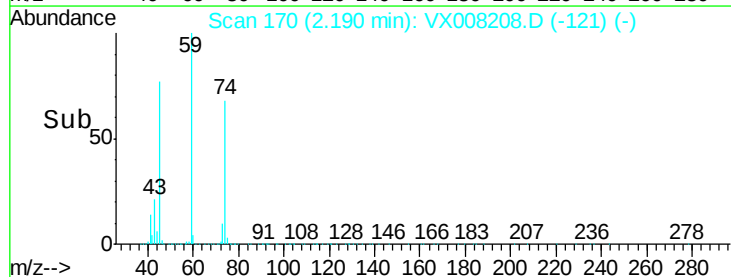
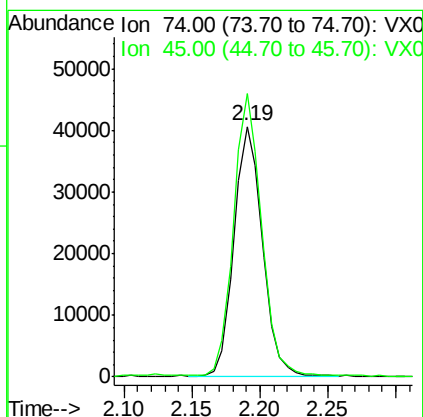
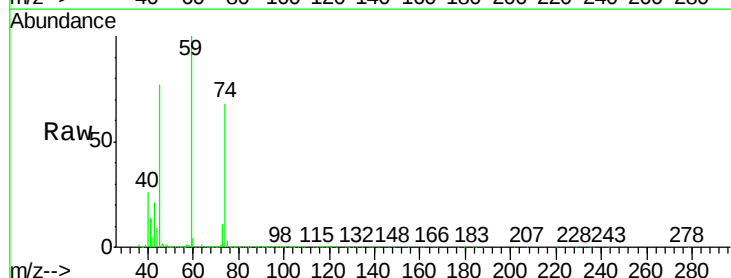
Tot Ion:101 Resp: 104215
Ion Ratio Lower Upper
101 100
103 65.5 50.4 75.6

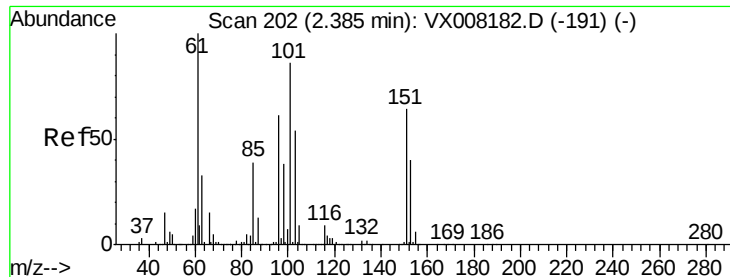


#8

Diethyl Ether
Concen: 20.835 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 74 Resp: 59459
Ion Ratio Lower Upper
74 100
45 112.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.483 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

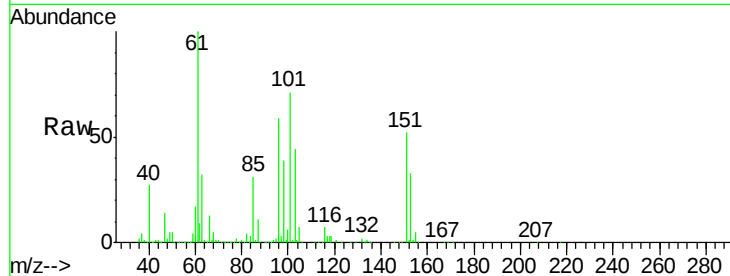
Tot Ion:101 Resp: 71750

Ion Ratio Lower Upper

101 100

85 45.3 33.8 50.6

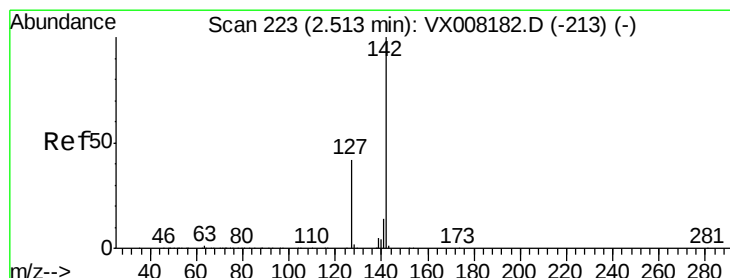
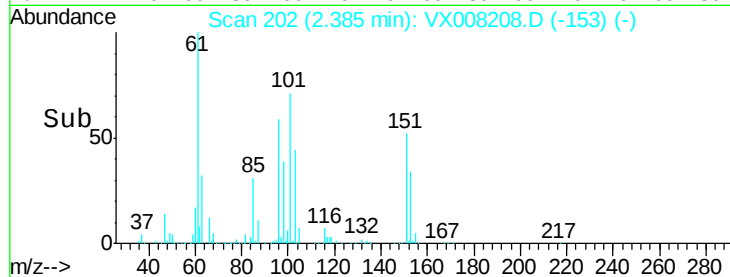
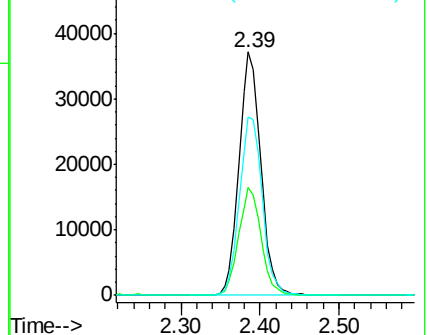
151 76.6 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.931 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

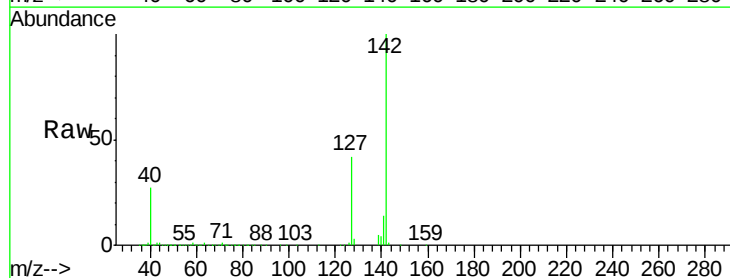
Tgt Ion:142 Resp: 93460

Ion Ratio Lower Upper

142 100

127 42.9 32.1 48.1

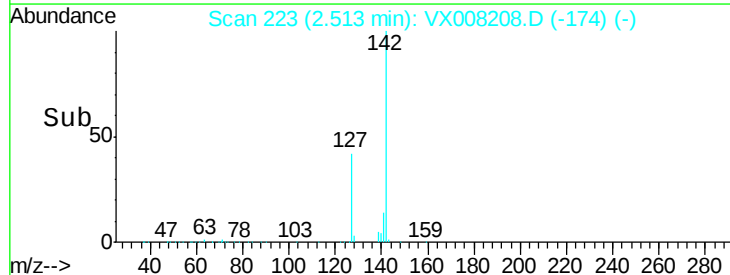
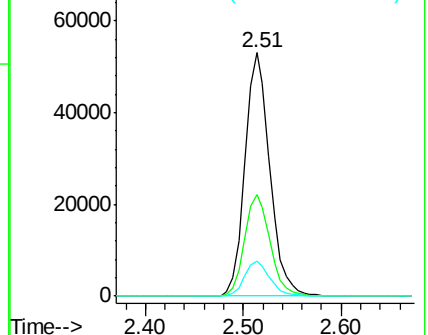
141 14.7 11.4 17.2

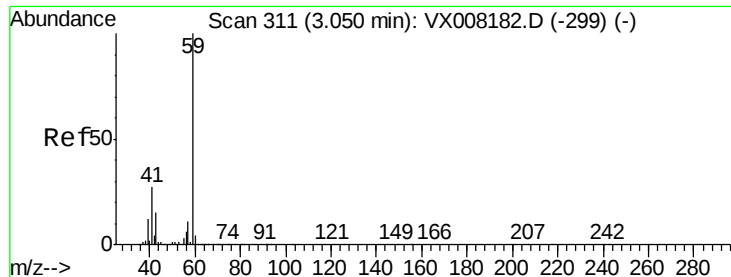


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



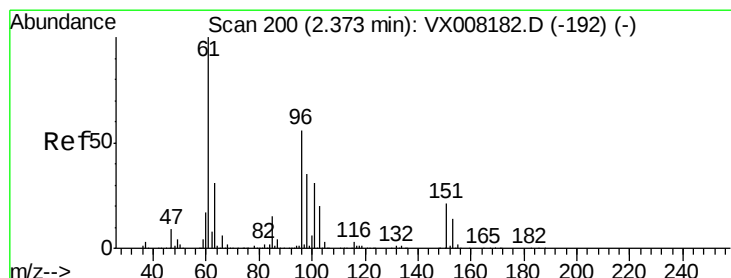
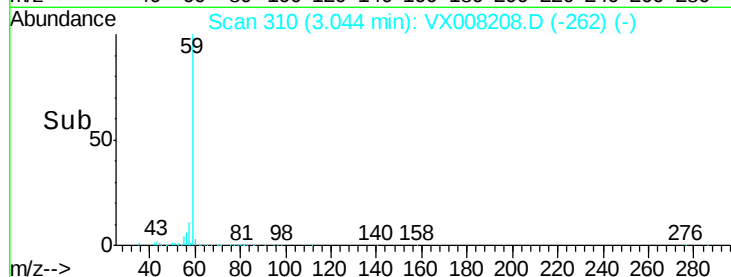
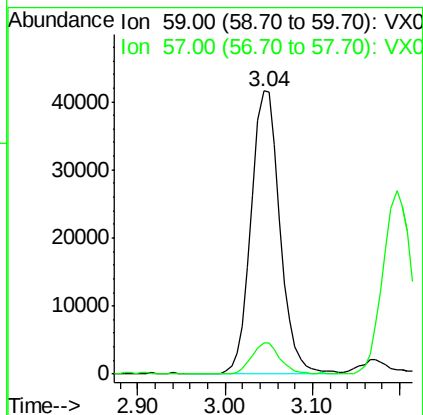
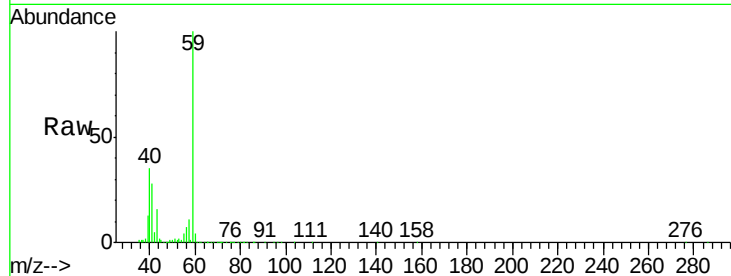


#11

Tert butyl alcohol
 Concen: 103.331 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

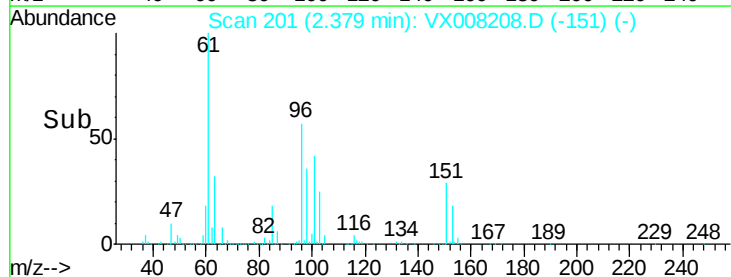
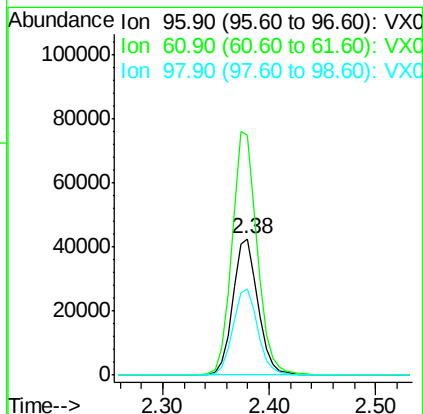
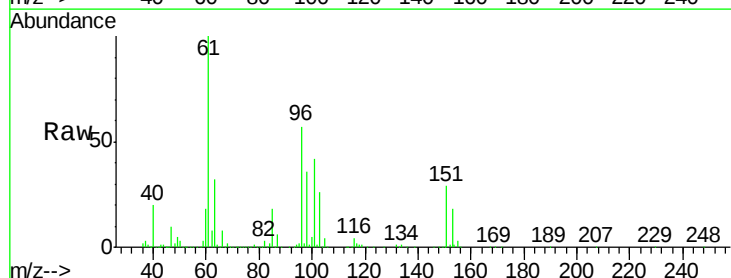
Tot Ion: 59 Resp: 95464
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.2 12.2

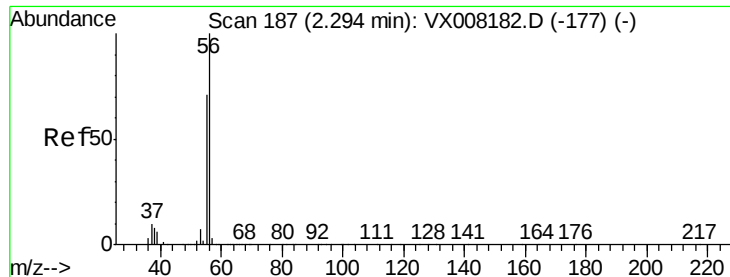


#12

1,1-Dichloroethene
 Concen: 20.287 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion: 96 Resp: 70533
 Ion Ratio Lower Upper
 96 100
 61 175.2 129.8 194.6
 98 63.2 51.0 76.6





#13

Acrolein

Concen: 77.975 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

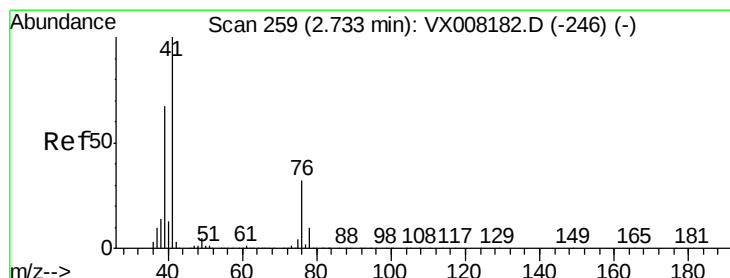
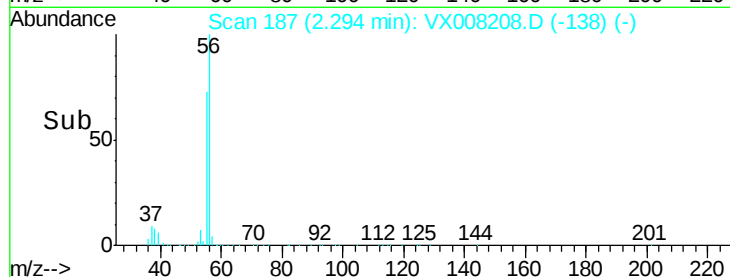
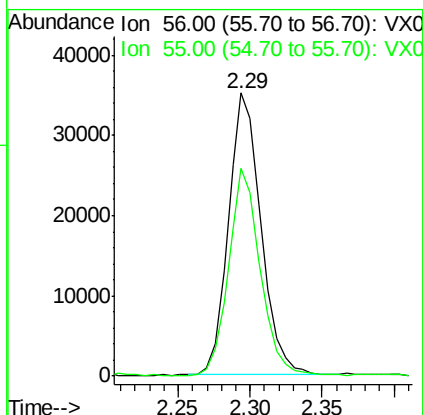
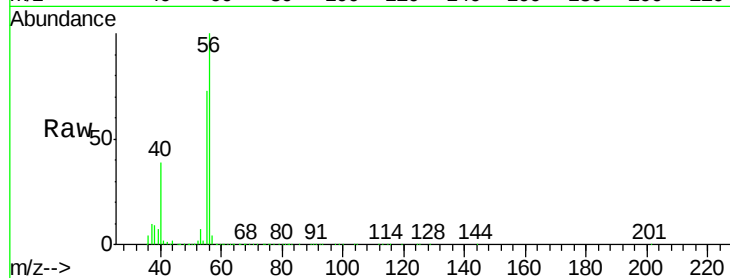
VX0319WBS02

Tot Ion: 56 Resp: 55401

Ion Ratio Lower Upper

56 100

55 71.7 57.8 86.6



#14

Allyl chloride

Concen: 20.034 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

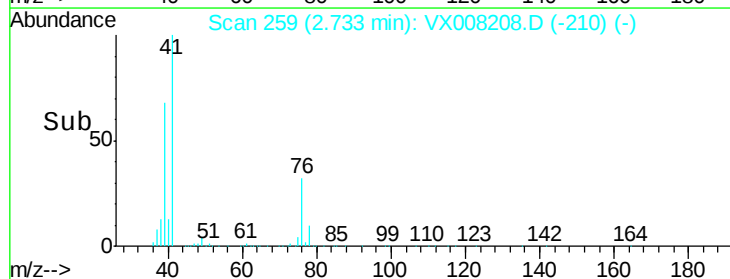
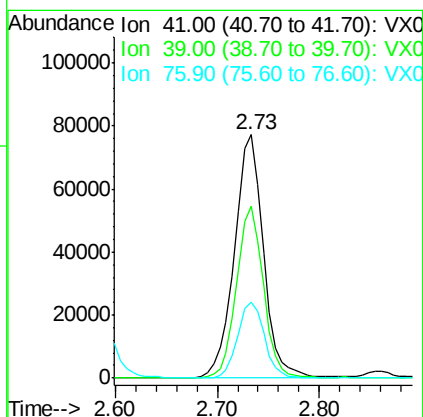
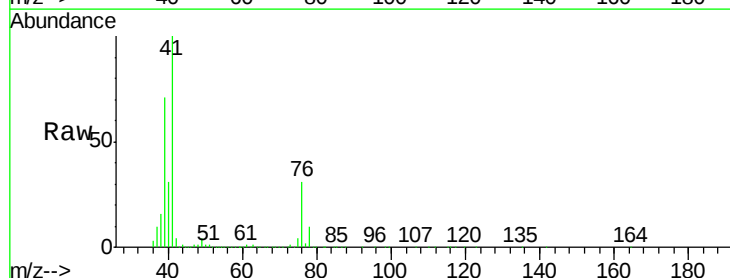
Tgt Ion: 41 Resp: 151629

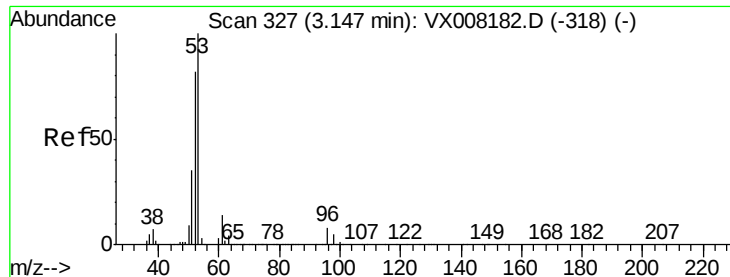
Ion Ratio Lower Upper

41 100

39 64.9 46.1 69.1

76 28.9 24.0 36.0





#15

Acrylonitrile

Concen: 104.089 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

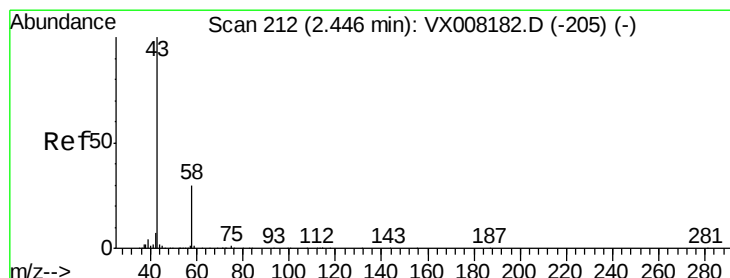
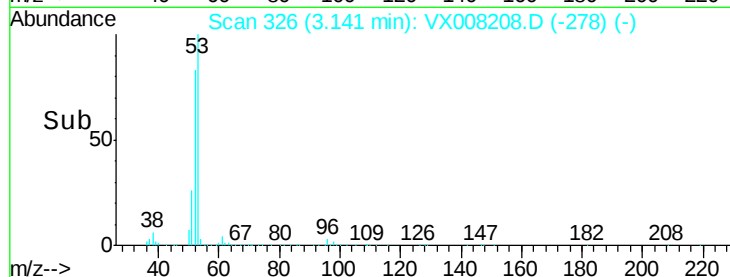
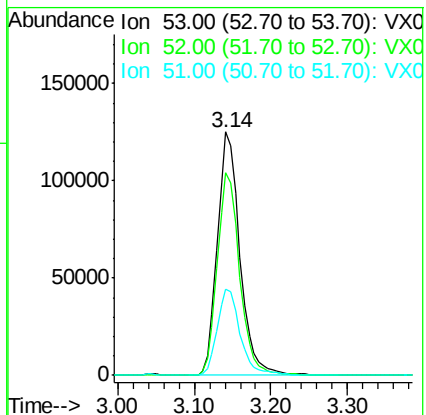
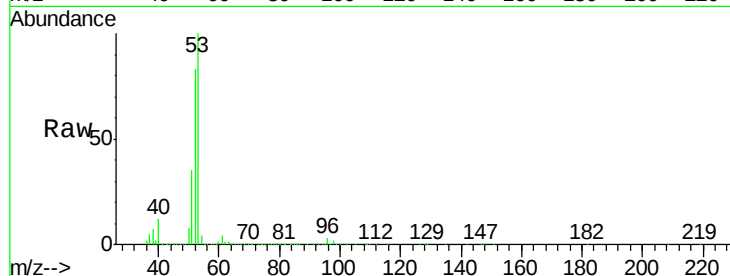
Tot Ion: 53 Resp: 254358

Ion Ratio Lower Upper

53 100

52 83.3 66.0 99.0

51 36.4 28.0 42.0



#16

Acetone

Concen: 91.652 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX008208.D

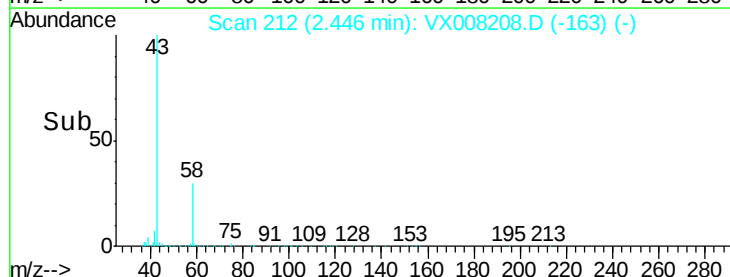
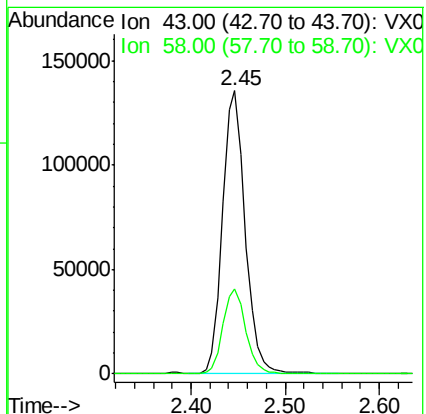
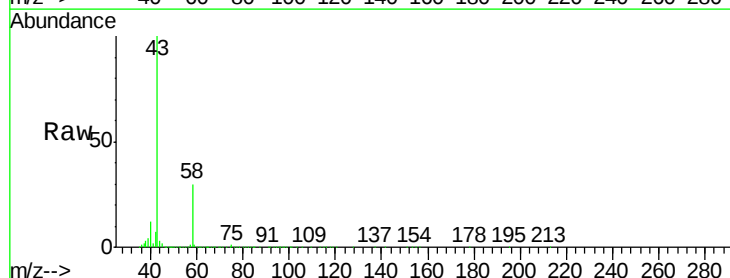
Acq: 19 Mar 2019 23:28

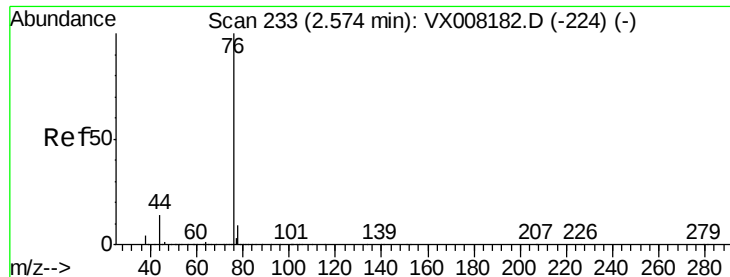
Tgt Ion: 43 Resp: 224335

Ion Ratio Lower Upper

43 100

58 30.1 25.5 38.3

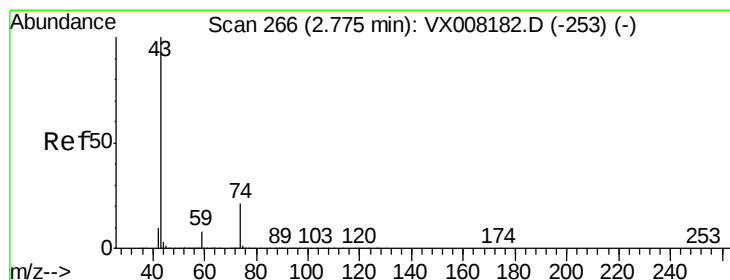
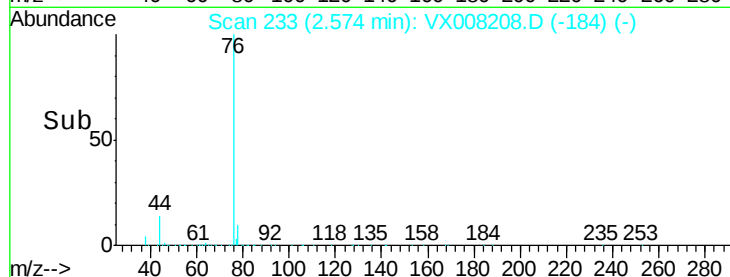
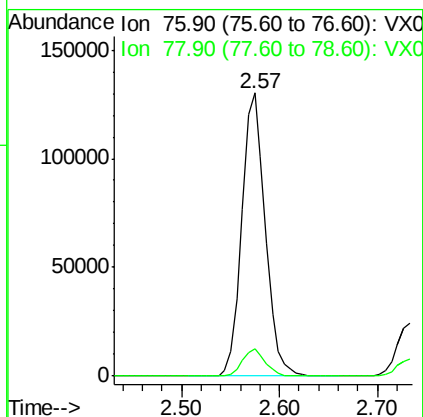
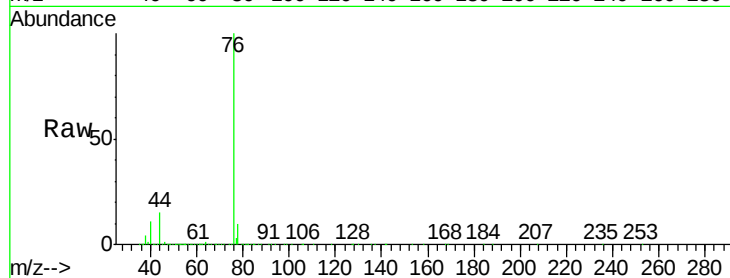




#17
Carbon Disulfide
Concen: 19.471 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

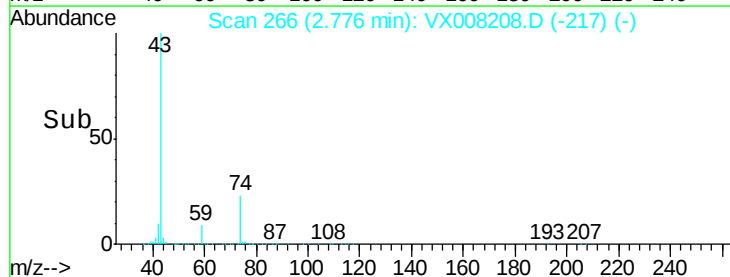
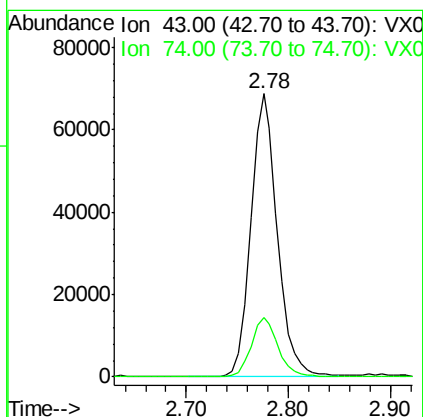
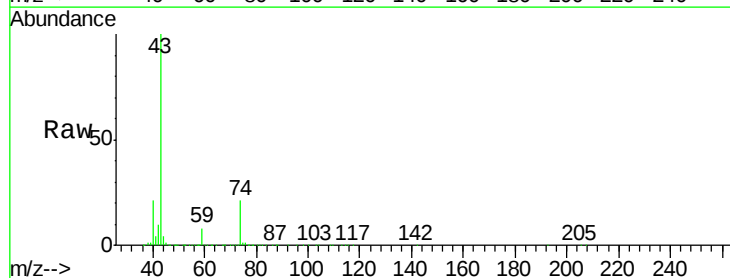
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

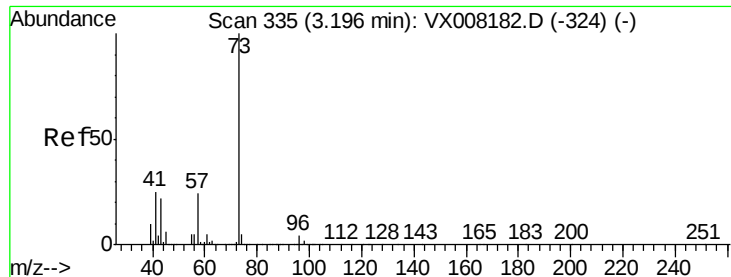
Tot Ion: 76 Resp: 216236
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 21.797 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 43 Resp: 123514
Ion Ratio Lower Upper
43 100
74 21.3 17.8 26.6

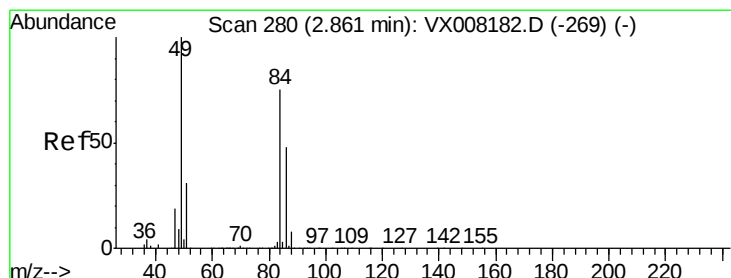
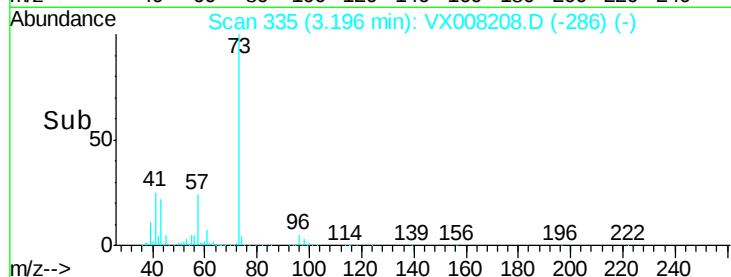
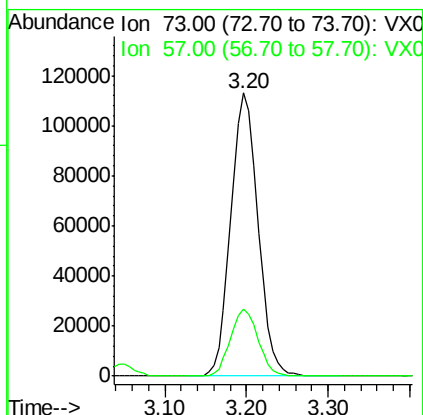
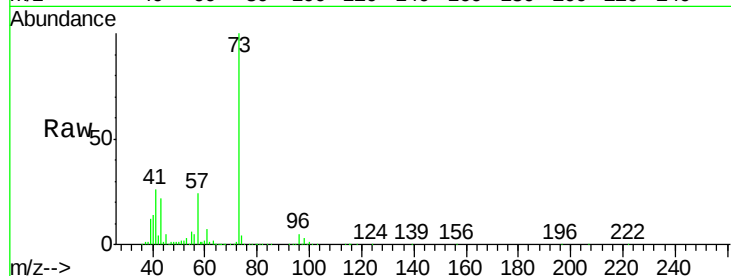




#19
Methyl tert-butyl Ether
Concen: 20.633 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

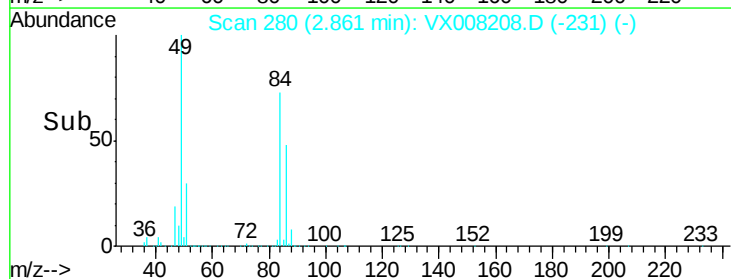
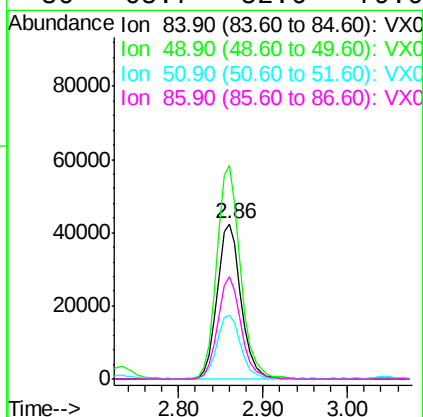
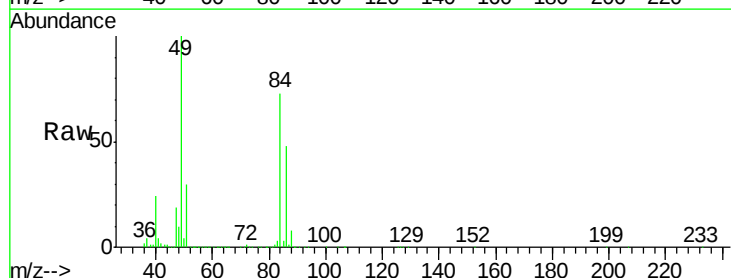
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

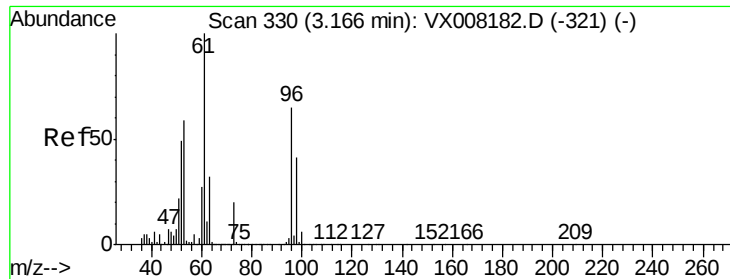
Tot Ion: 73 Resp: 259383
Ion Ratio Lower Upper
73 100
57 23.7 18.2 27.4



#20
Methylene Chloride
Concen: 20.336 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 84 Resp: 83001
Ion Ratio Lower Upper
84 100
49 137.2 99.3 148.9
51 40.9 31.3 46.9
86 65.7 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.849 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

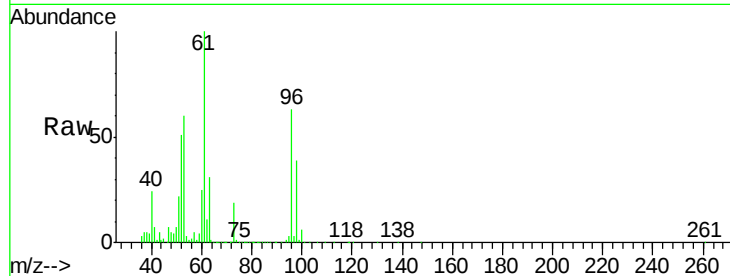
Tot Ion: 96 Resp: 74555

Ion Ratio Lower Upper

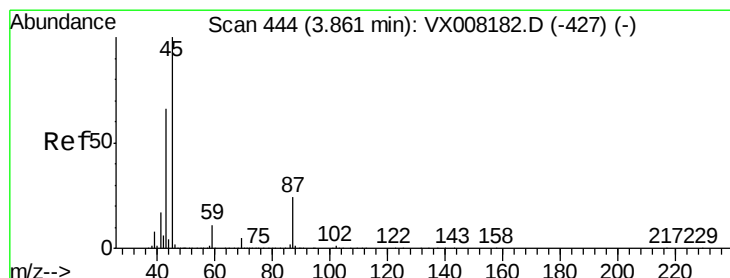
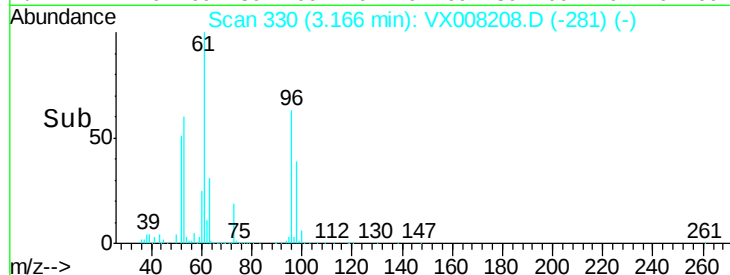
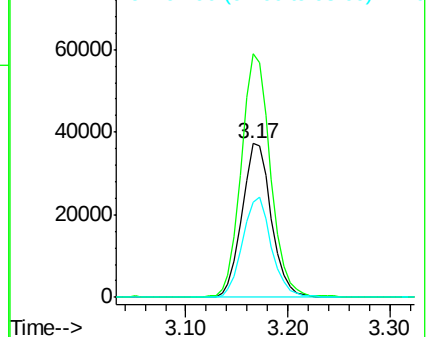
96 100

61 158.3 114.4 171.6

98 61.7 51.1 76.7



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



#22

Diisopropyl ether

Concen: 20.774 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion: 45 Resp: 307933

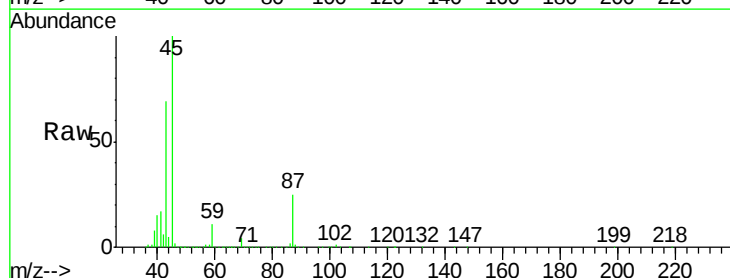
Ion Ratio Lower Upper

45 100

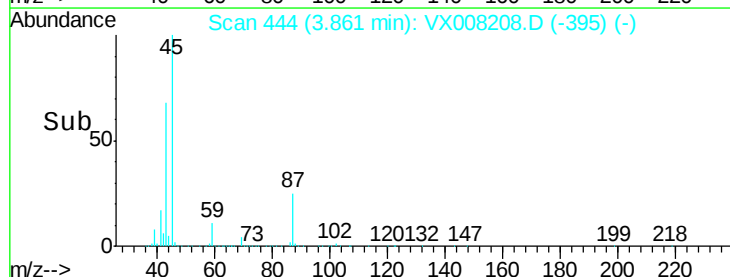
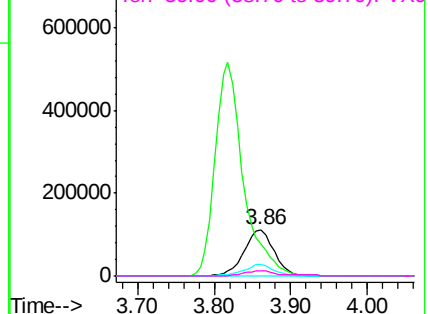
43 67.9 45.3 67.9

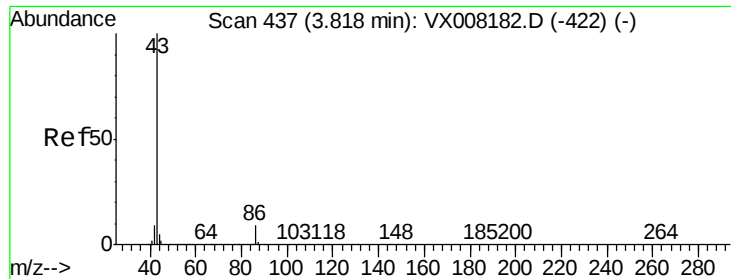
87 24.5 21.4 32.0

59 11.0 9.5 14.3



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





#23

Vinyl Acetate

Concen: 104.013 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

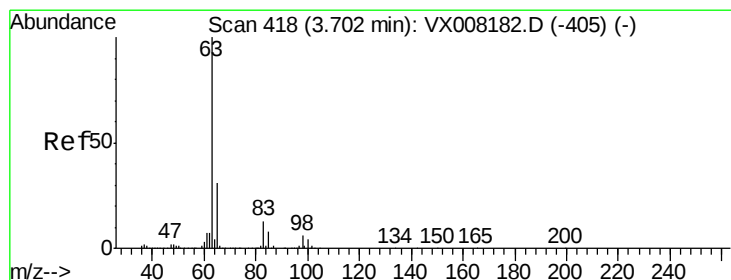
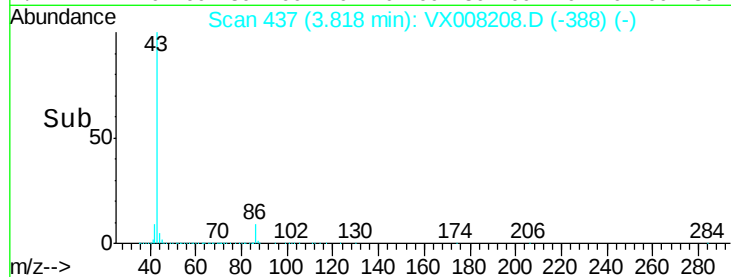
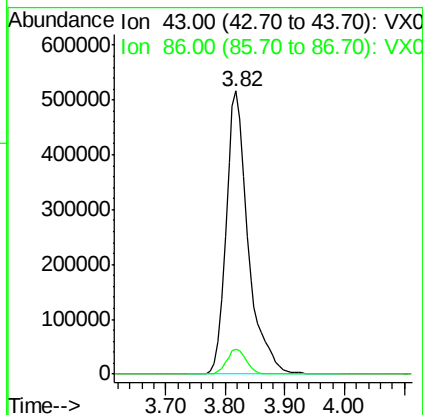
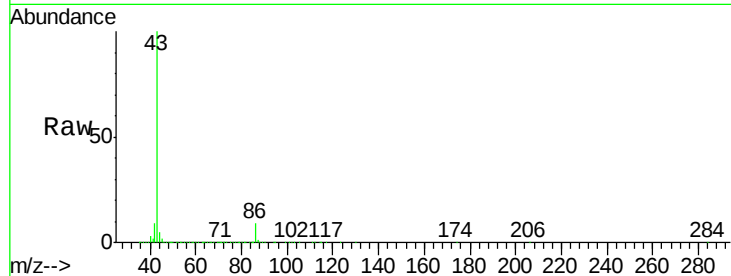
VX0319WBS02

Tot Ion: 43 Resp: 1321853

Ion Ratio Lower Upper

43 100

86 8.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 20.631 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

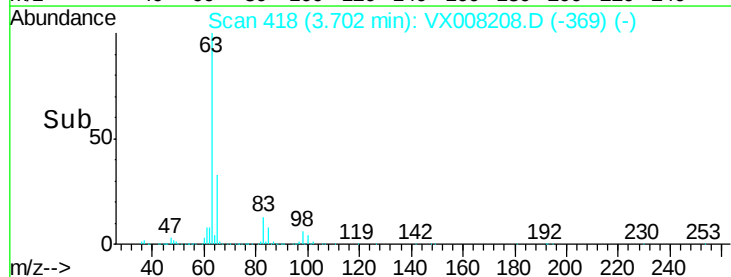
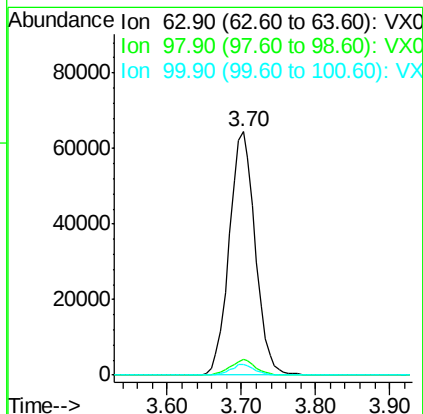
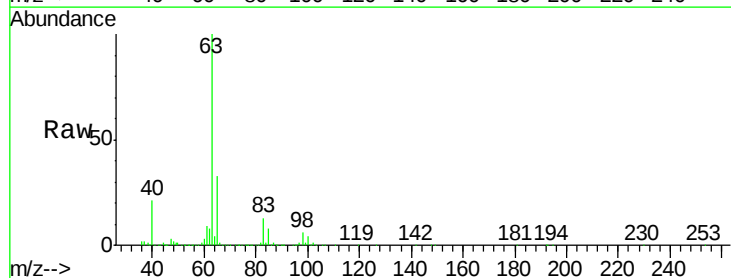
Tgt Ion: 63 Resp: 157287

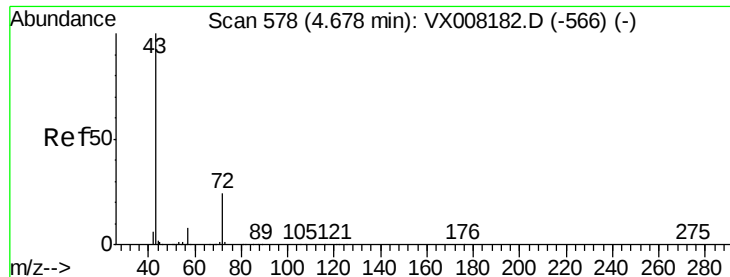
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 102.281 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

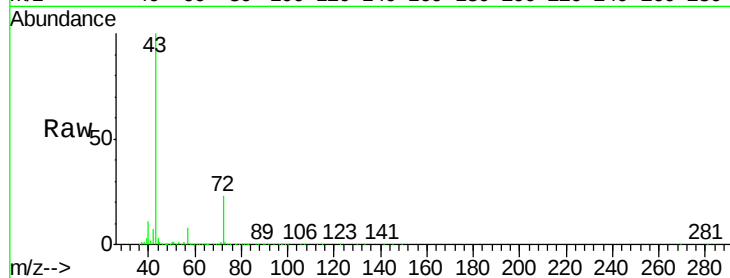
VX0319WBS02

Tot Ion: 43 Resp: 369552

Ion Ratio Lower Upper

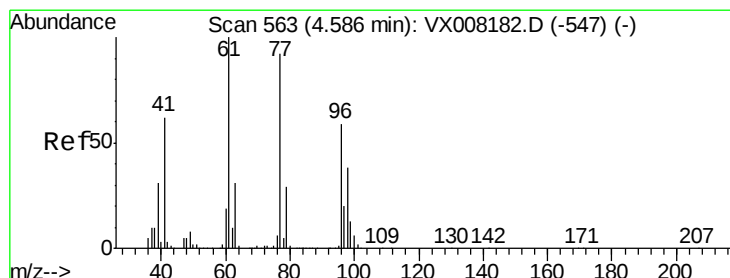
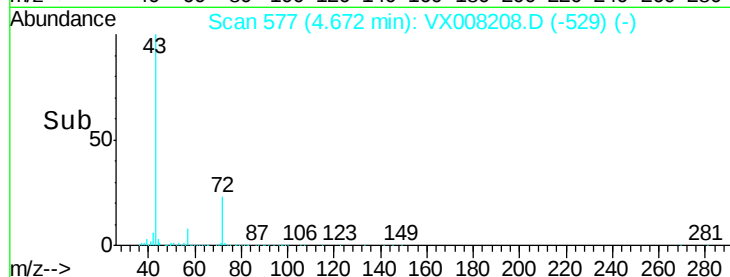
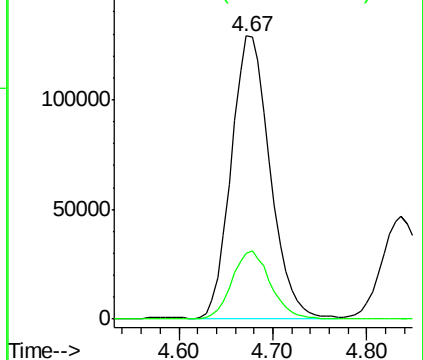
43 100

72 22.9 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 16.425 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008208.D

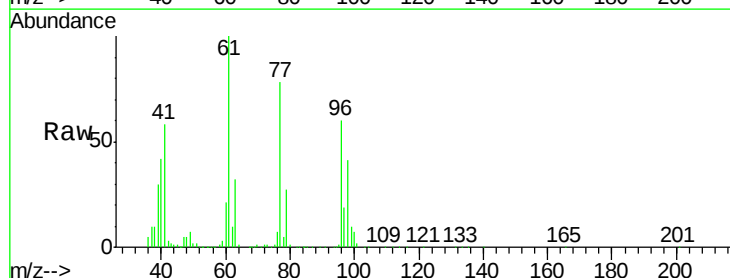
Acq: 19 Mar 2019 23:28

Tgt Ion: 77 Resp: 94334

Ion Ratio Lower Upper

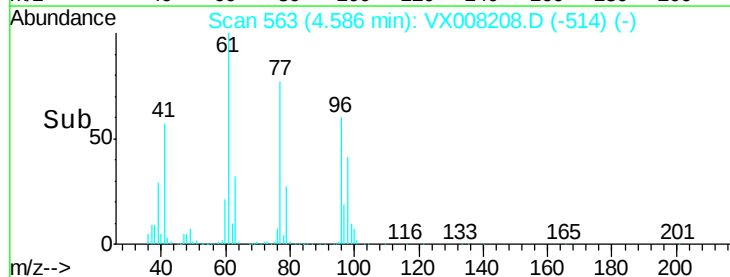
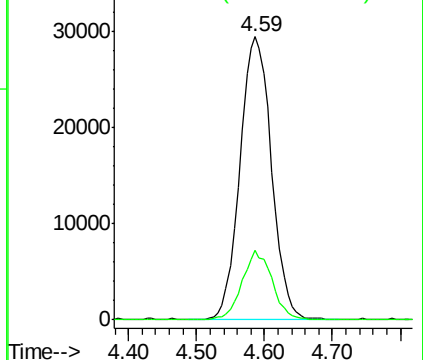
77 100

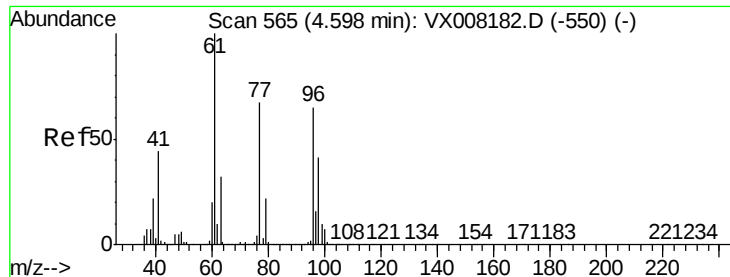
97 23.6 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



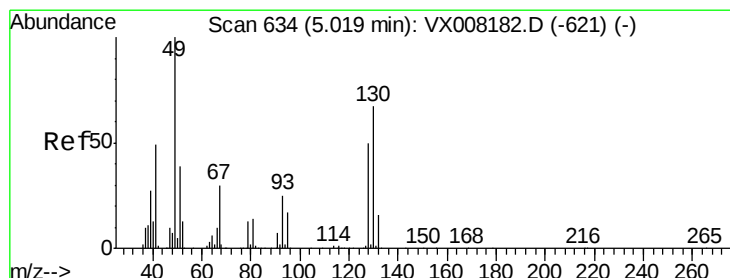
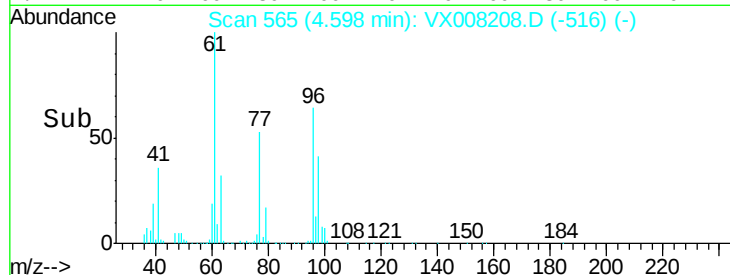
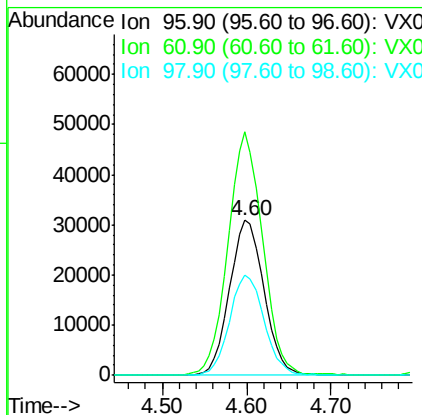
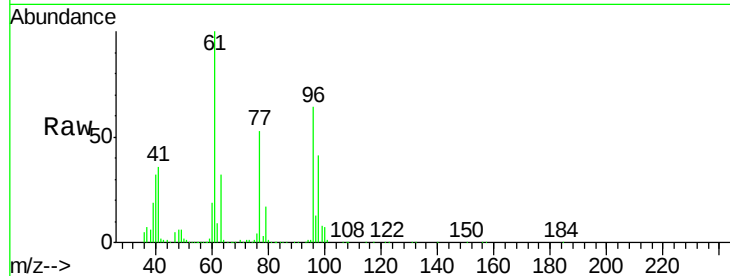


#27

cis-1,2-Dichloroethene
 Concen: 20.079 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

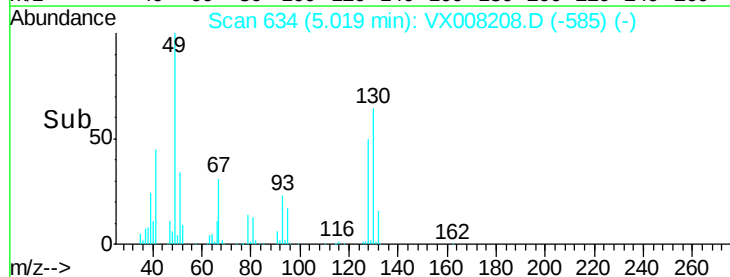
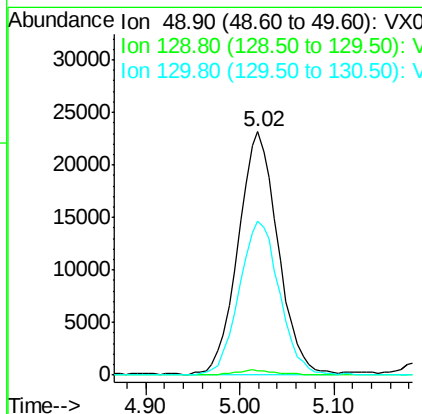
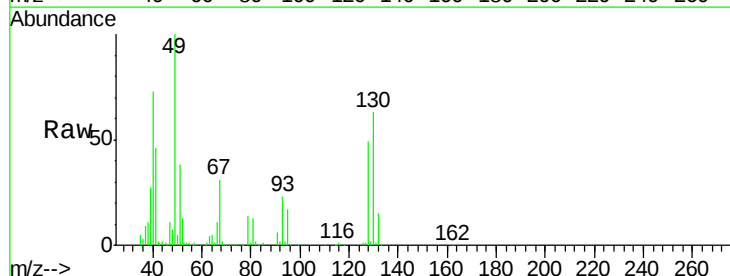
Tot Ion: 96 Resp: 85975
 Ion Ratio Lower Upper
 96 100
 61 156.6 0.0 288.0
 98 64.8 0.0 129.0

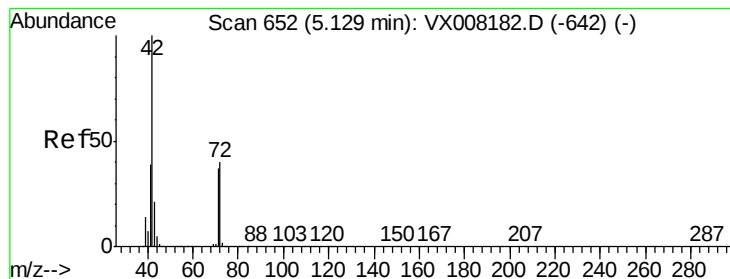


#28

Bromochloromethane
 Concen: 19.854 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion: 49 Resp: 67969
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 64.7 65.0 97.4#





#29

Tetrahydrofuran

Concen: 107.359 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

VX0319WBS02

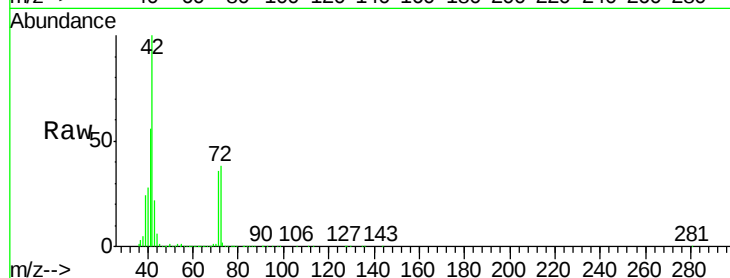
Tot Ion: 42 Resp: 242487

Ion Ratio Lower Upper

42 100

72 40.2 33.8 50.6

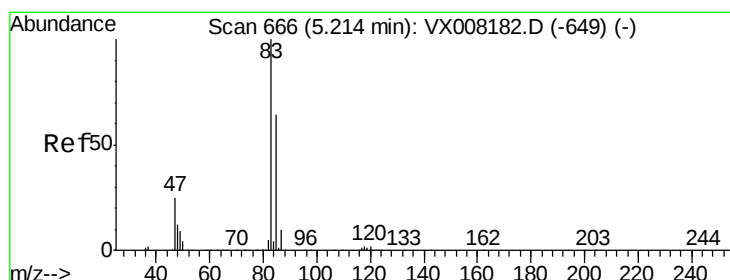
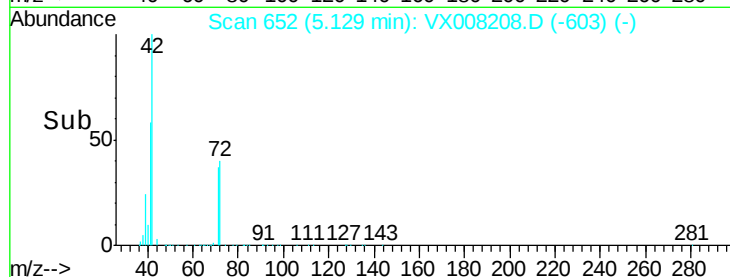
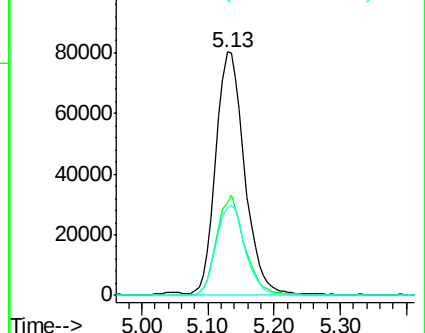
71 37.7 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.597 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008208.D

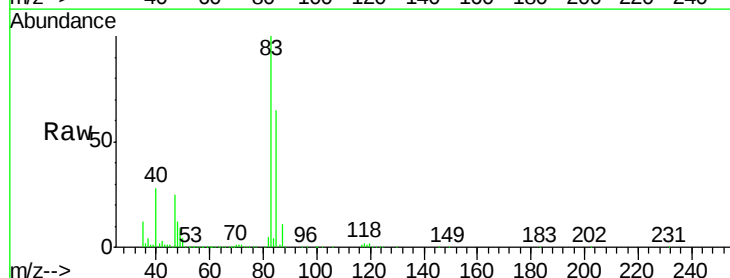
Acq: 19 Mar 2019 23:28

Tgt Ion: 83 Resp: 146888

Ion Ratio Lower Upper

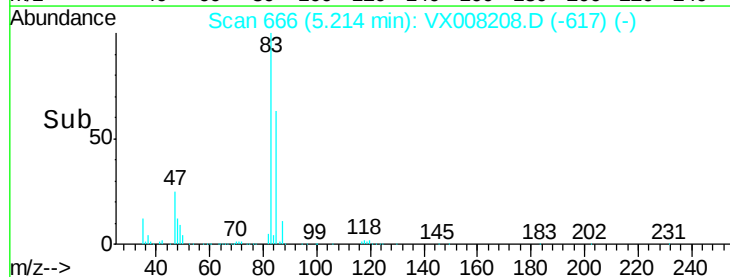
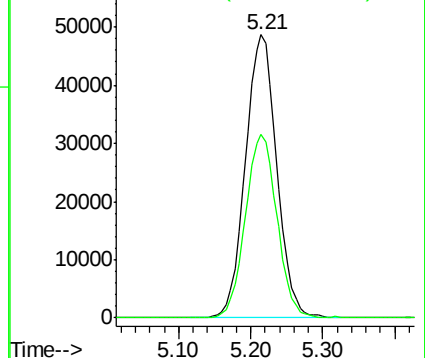
83 100

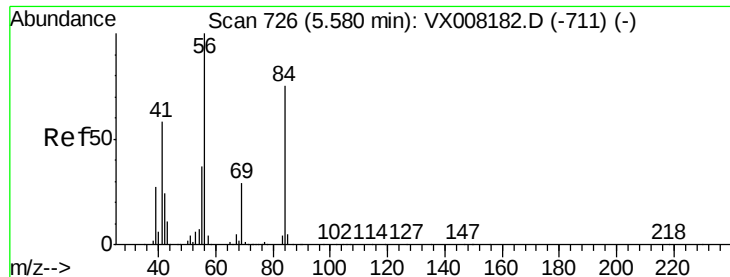
85 64.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 20.054 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

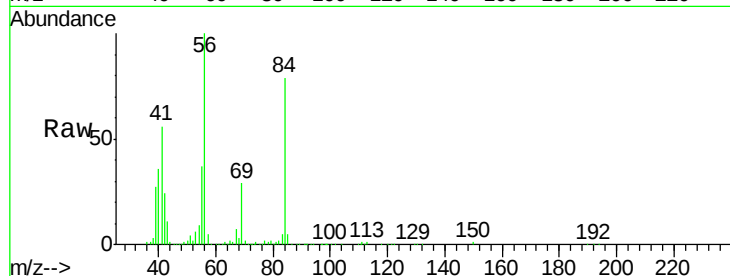
Tot Ion: 56 Resp: 143569

Ion Ratio Lower Upper

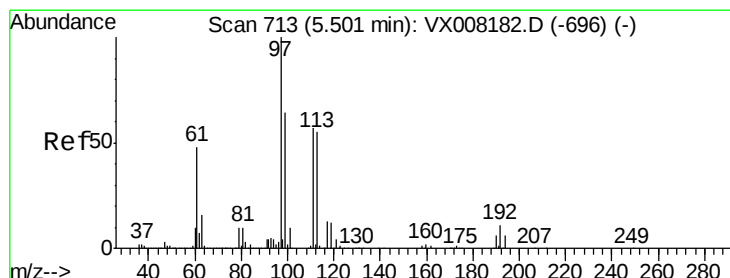
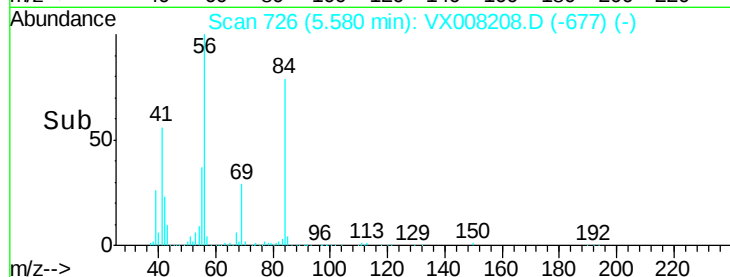
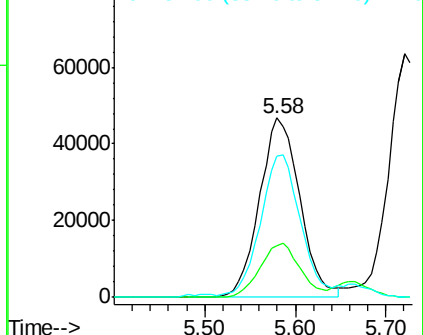
56 100

69 28.6 24.0 36.0

84 77.5 65.3 97.9



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



#32

1,1,1-Trichloroethane

Concen: 20.347 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

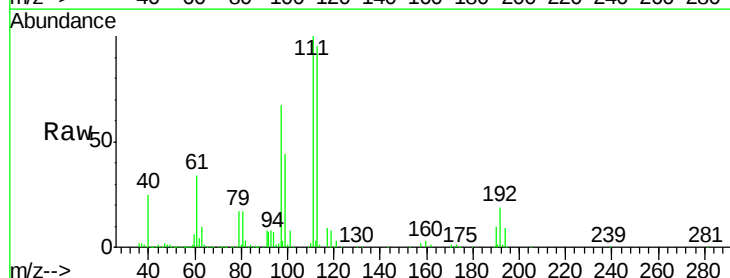
Tgt Ion: 97 Resp: 120708

Ion Ratio Lower Upper

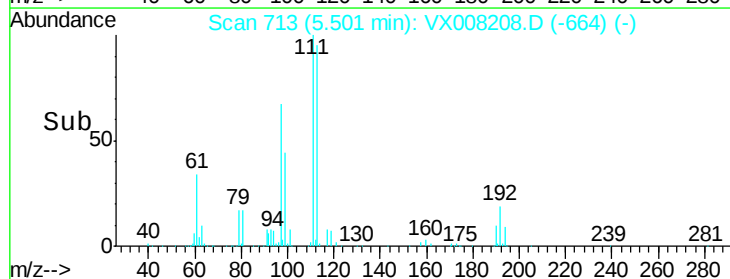
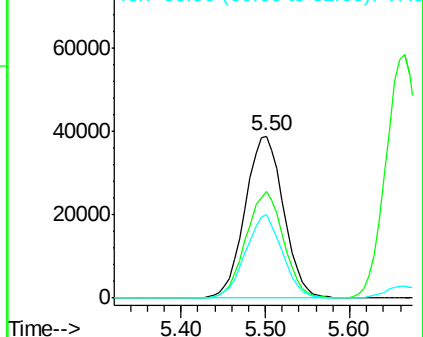
97 100

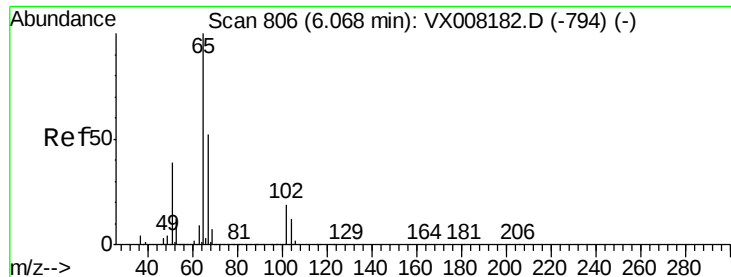
99 64.4 52.2 78.2

61 49.6 34.9 52.3



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





#33

1,2-Dichloroethane-d4

Concen: 50.254 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

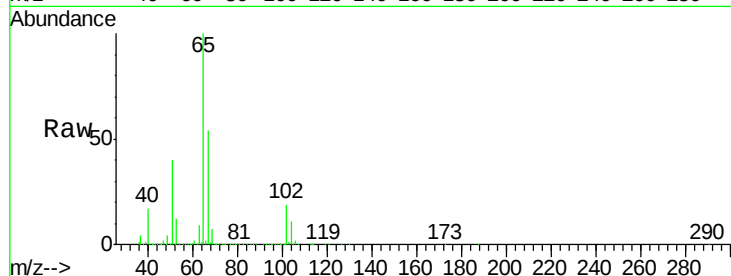
VX0319WBS02

Tot Ion: 65 Resp: 216876

Ion Ratio Lower Upper

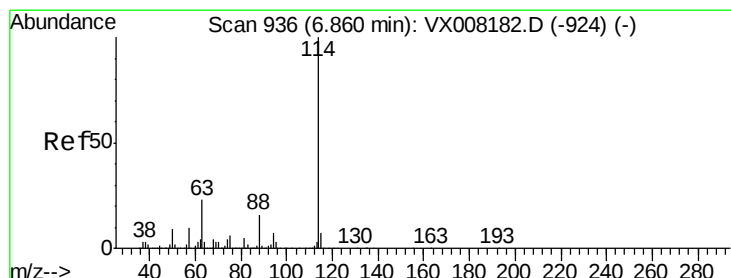
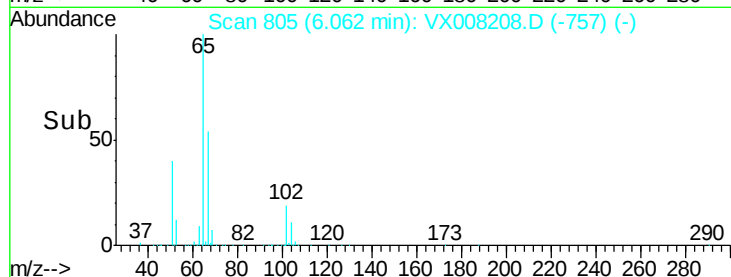
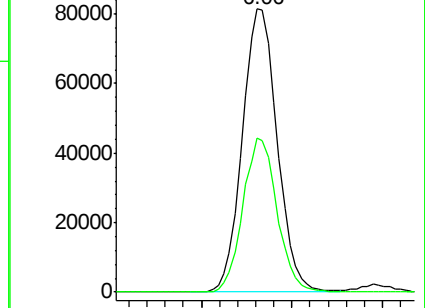
65 100

67 53.3 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

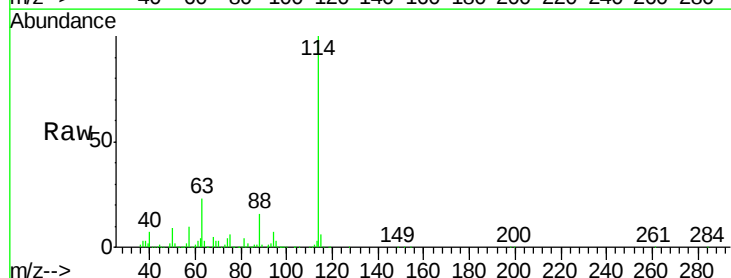
Tgt Ion: 114 Resp: 483985

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.8

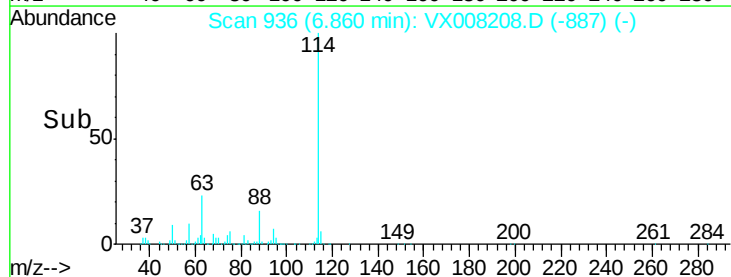
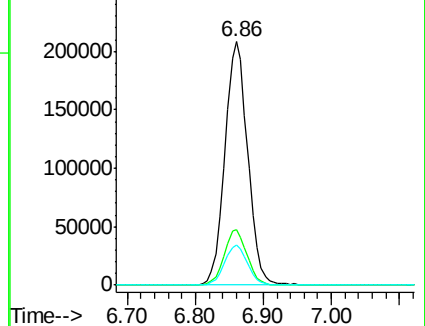
88 16.5 0.0 31.4

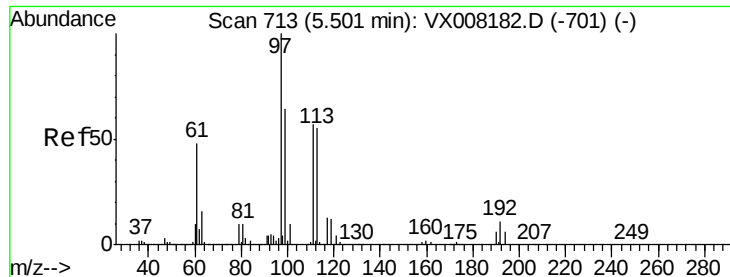


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.402 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

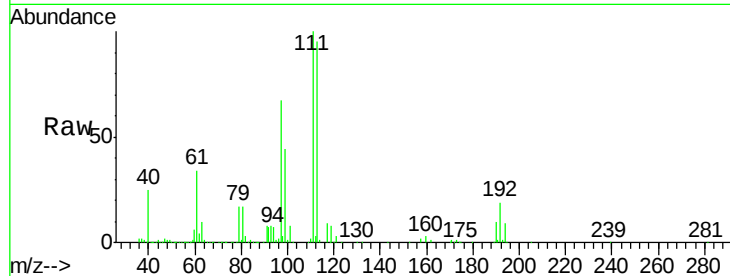
Tot Ion:113 Resp: 160061

Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

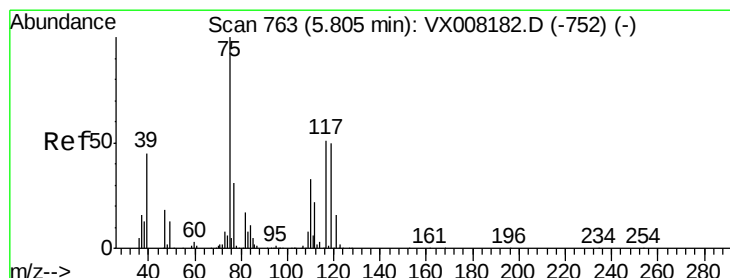
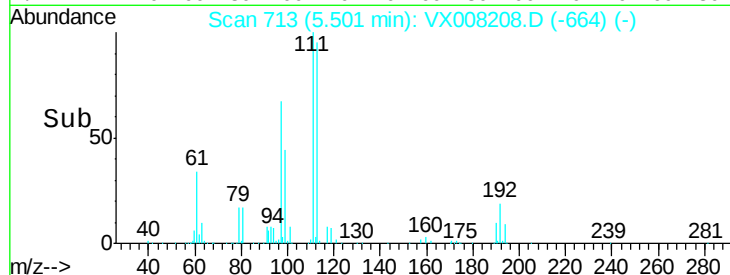
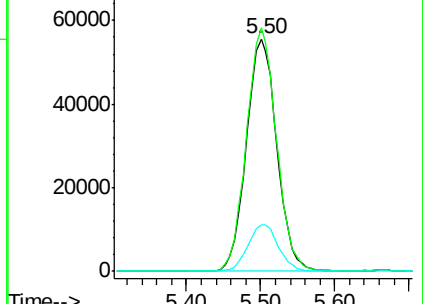
192 20.3 19.4 29.0



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: 19.943 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

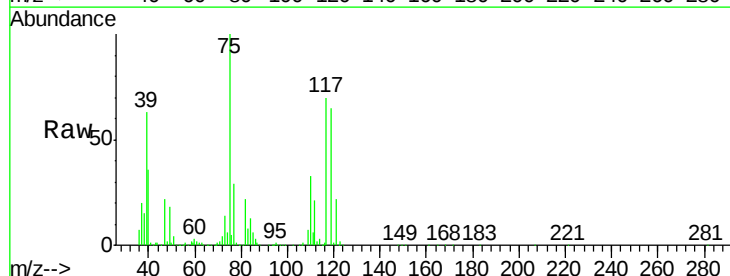
Tgt Ion: 75 Resp: 112375

Ion Ratio Lower Upper

75 100

110 33.3 18.4 55.0

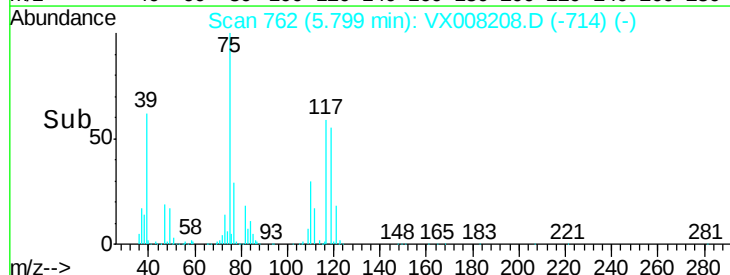
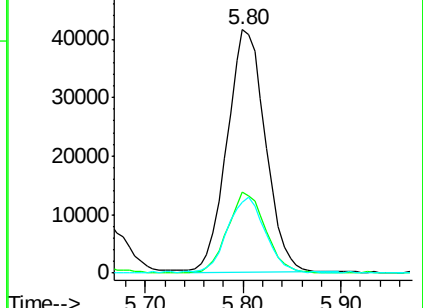
77 30.6 25.0 37.4

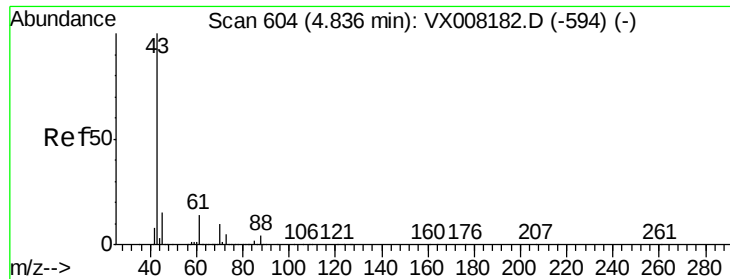


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

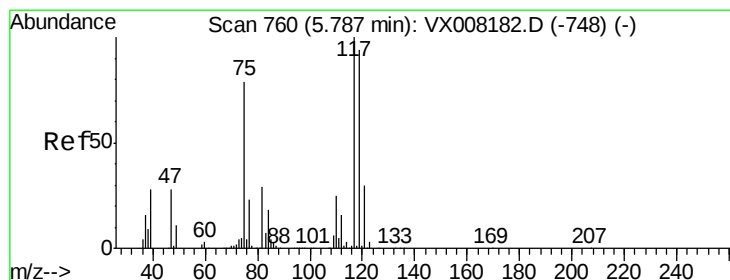
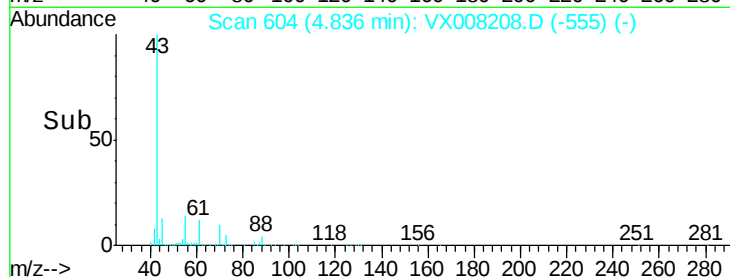
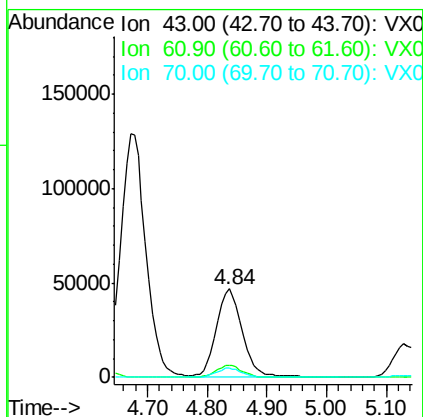
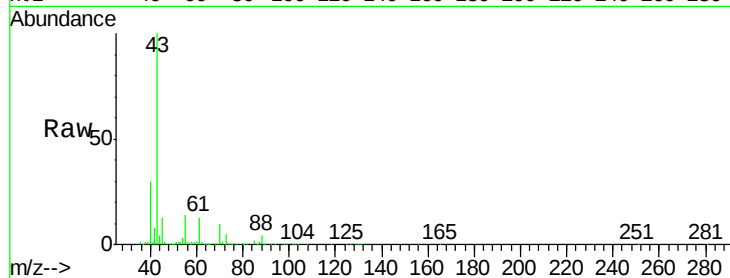




#37
Ethyl Acetate
Concen: 21.118 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

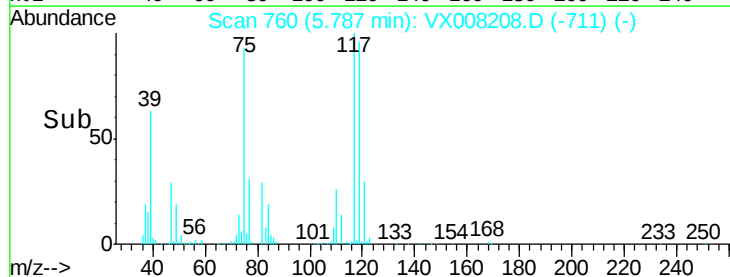
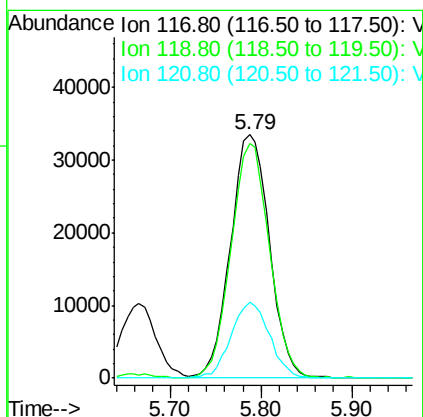
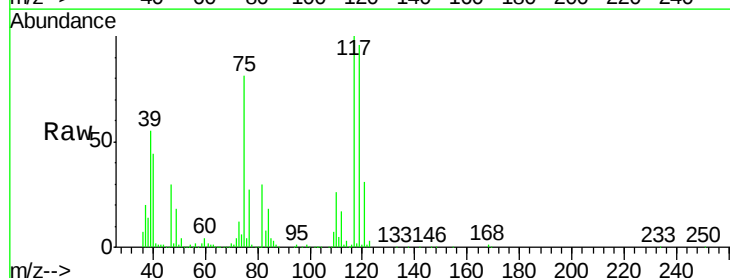
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

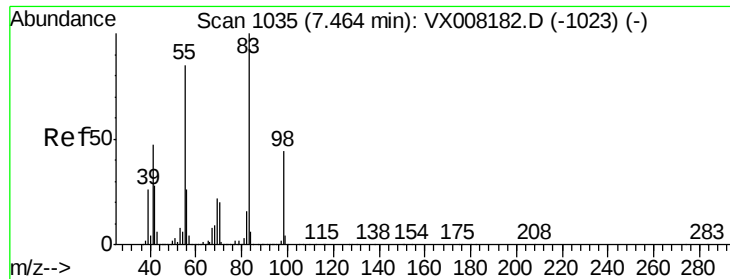
Tot Ion: 43 Resp: 140670
Ion Ratio Lower Upper
43 100
61 12.8 11.3 16.9
70 10.0 8.5 12.7



#38
Carbon Tetrachloride
Concen: 19.800 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 117 Resp: 99407
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
121 30.9 24.6 36.8

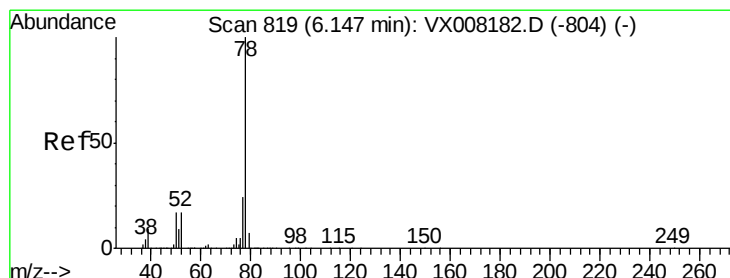
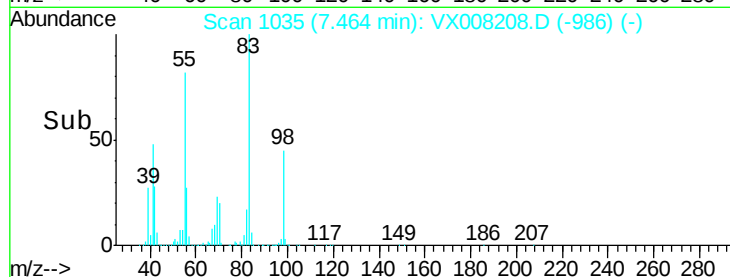
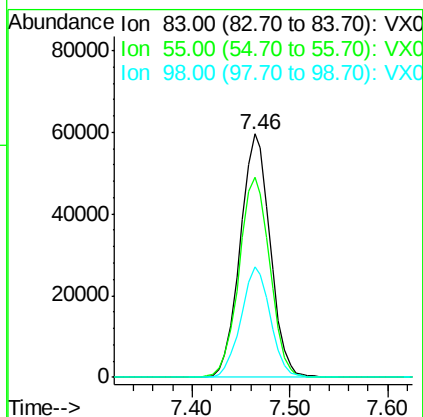
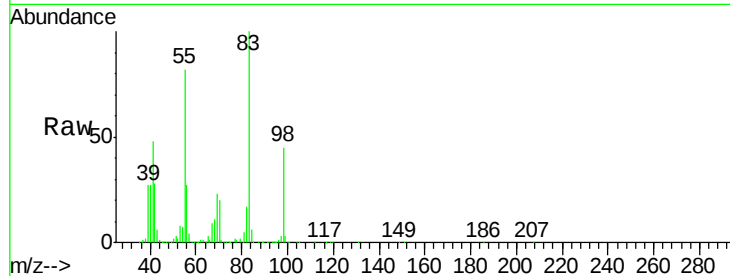




#39
Methvlcvclohexane
Concen: 18.613 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

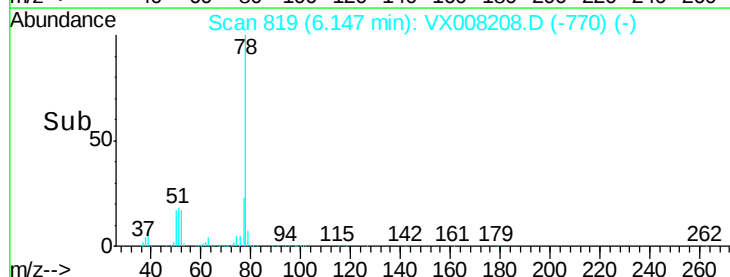
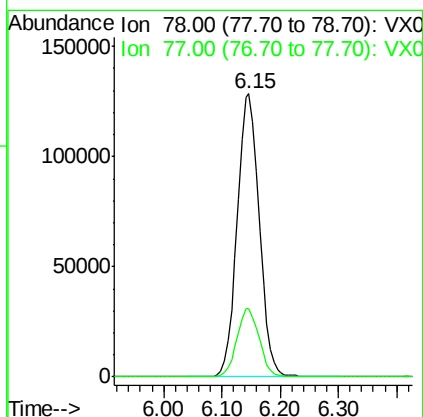
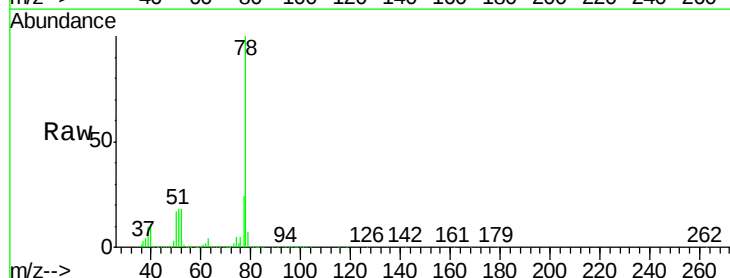
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

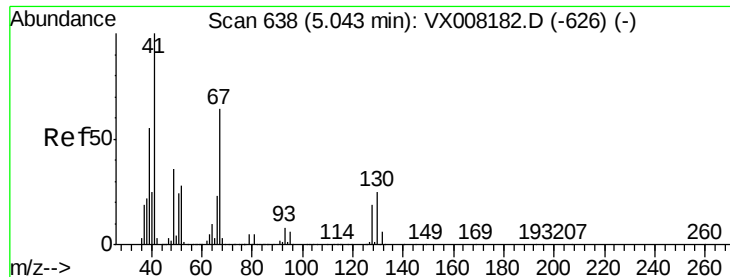
Tot Ion	83.00	Resp	126216
Ion	Ratio	Lower	Upper
83	100		
55	82.1	60.4	90.6
98	45.3	36.5	54.7



#40
Benzene
Concen: 20.318 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion	78.00	Resp	338863
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.4

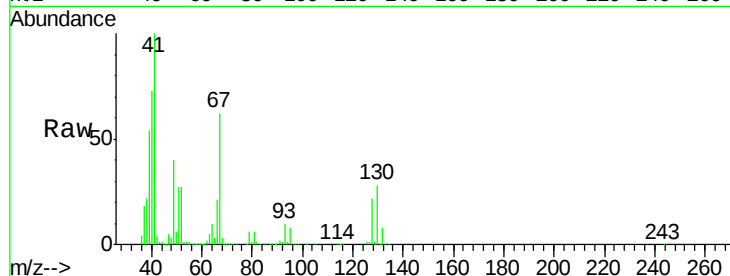




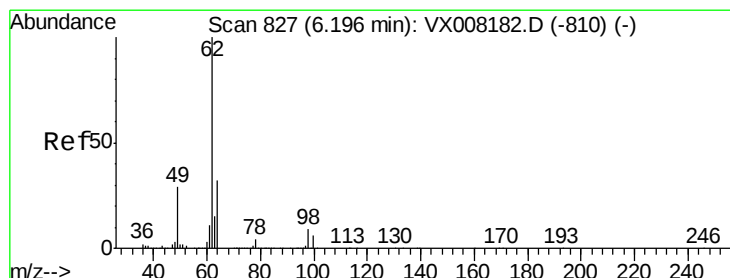
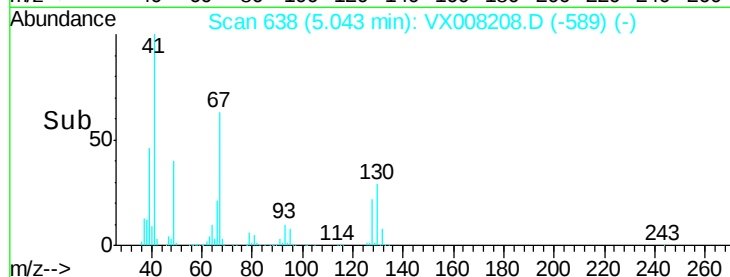
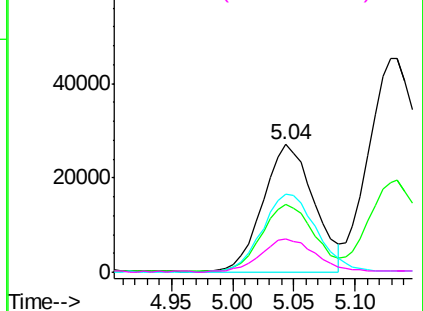
#41
Methacrylonitrile
Concen: 20.901 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampled :
VX0319WBS02

Tot Ion:	41	Resp:	78094
Ion	Ratio	Lower	Upper
41	100		
39	54.1	41.6	62.4
67	66.4	55.8	83.6
52	28.1	21.7	32.5

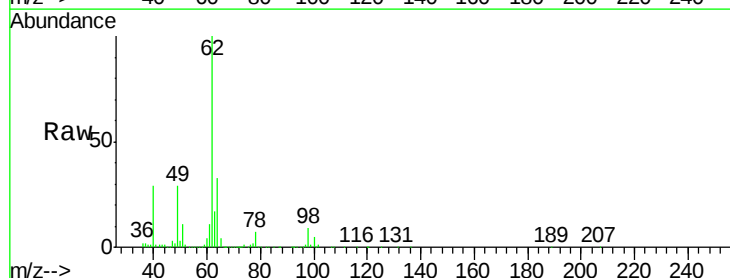


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

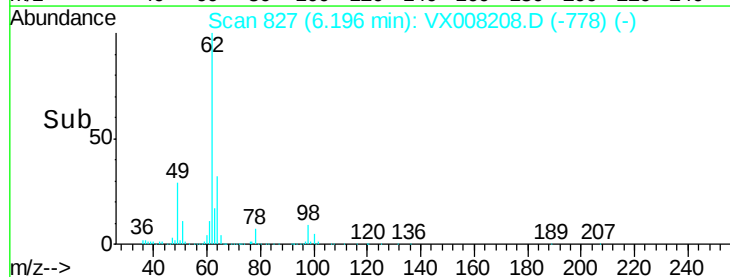
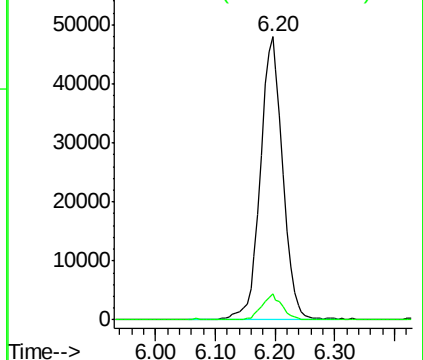


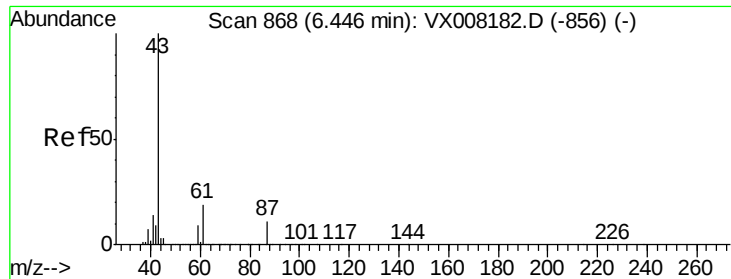
#42
1,2-Dichloroethane
Concen: 20.349 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion:	62	Resp:	124325
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	20.4



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



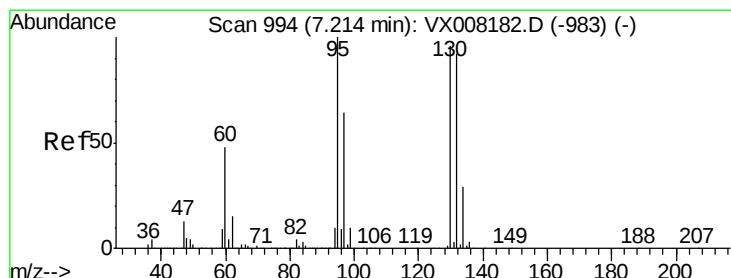
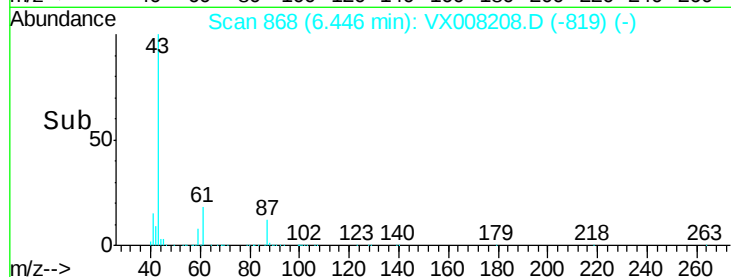
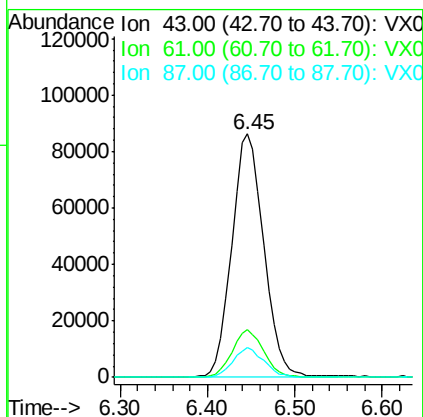
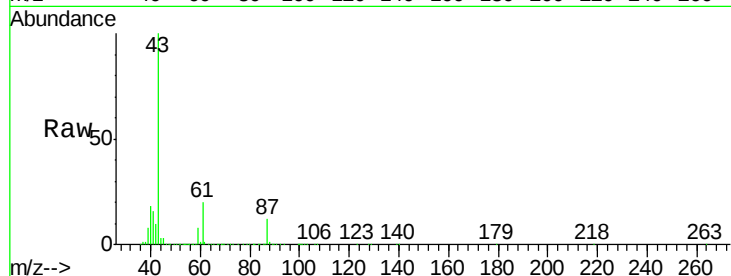


#43

Isopropyl Acetate
 Concen: 20.425 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

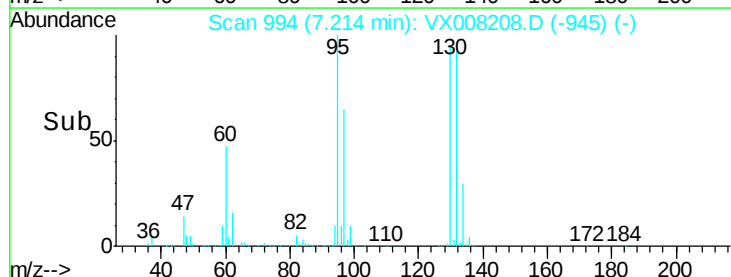
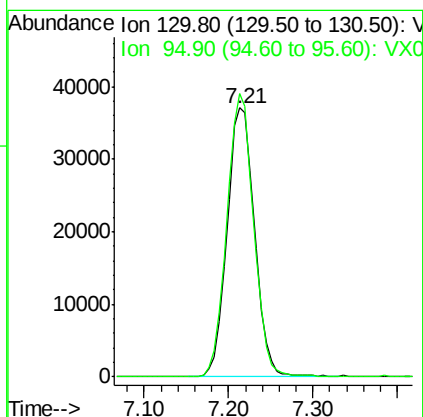
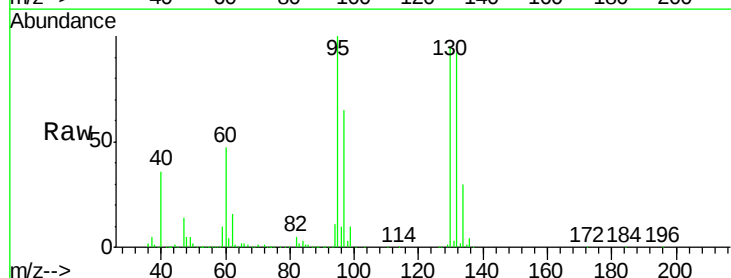
Tot Ion	43	Resp	218073
Ion Ratio	Lower	Upper	
43	100		
61	19.2	16.3	24.5
87	12.0	10.5	15.7

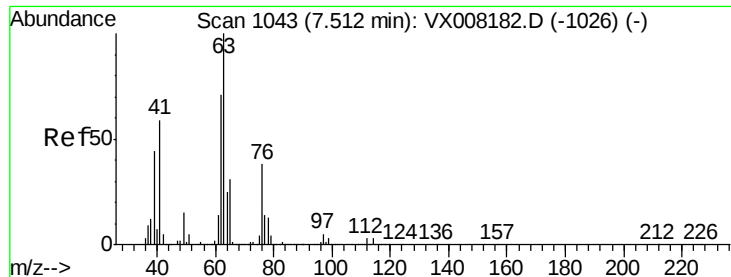


#44

Trichloroethene
 Concen: 20.170 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion	130	Resp	82254
Ion Ratio	Lower	Upper	
130	100		
95	105.2	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.146 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

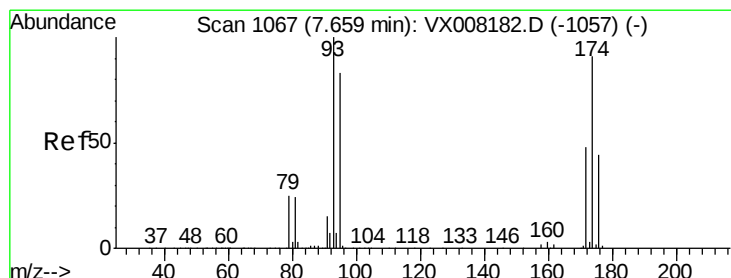
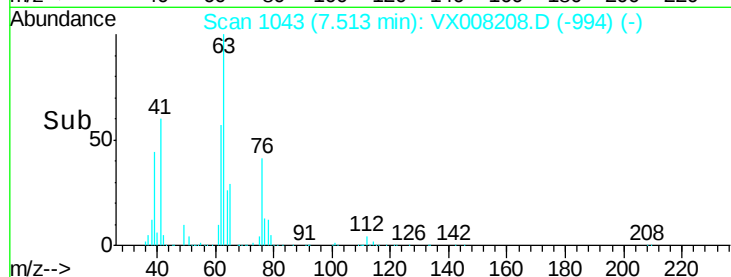
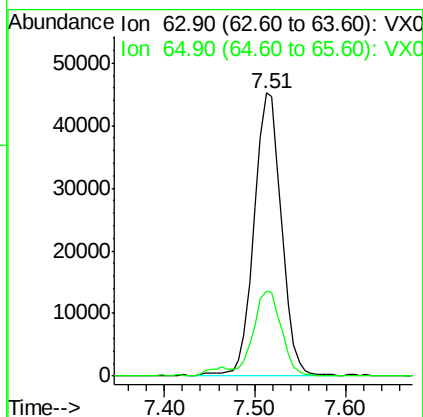
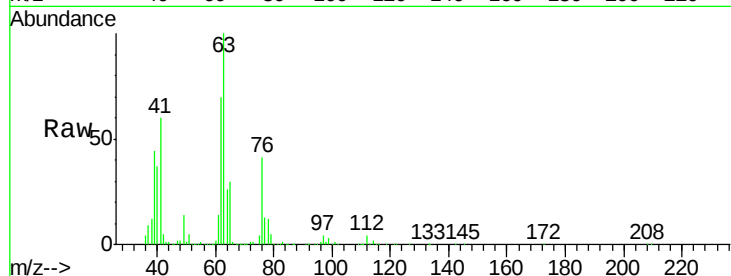
VX0319WBS02

Tot Ion: 63 Resp: 94059

Ion Ratio Lower Upper

63 100

65 29.9 24.7 37.1



#46

Dibromomethane

Concen: 19.831 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

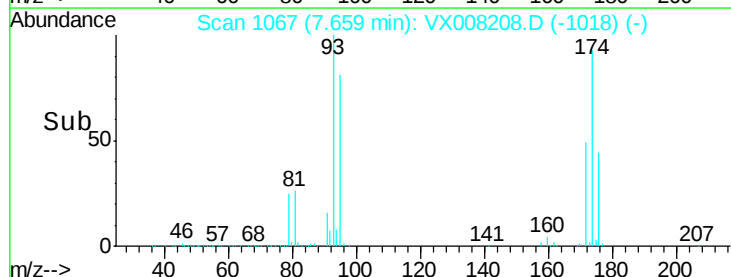
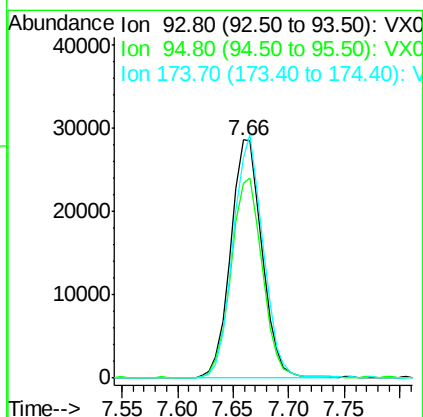
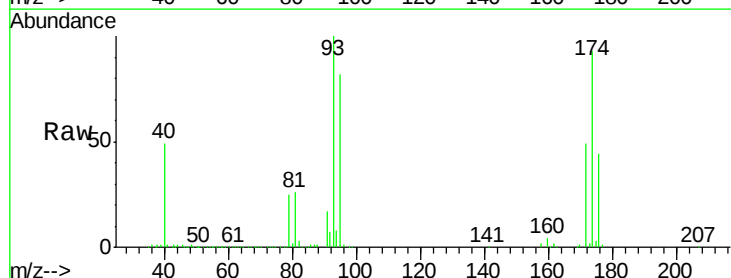
Tgt Ion: 93 Resp: 56059

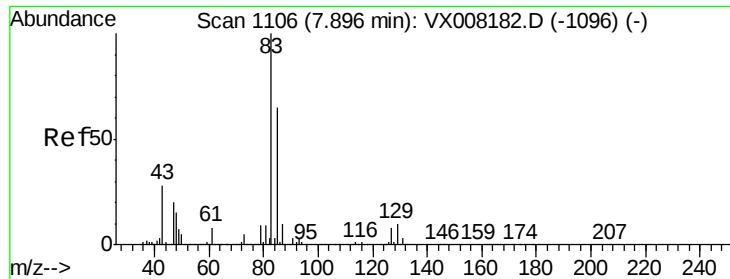
Ion Ratio Lower Upper

93 100

95 83.6 66.8 100.2

174 98.1 97.3 145.9





#47

Bromodichloromethane

Concen: 20.089 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

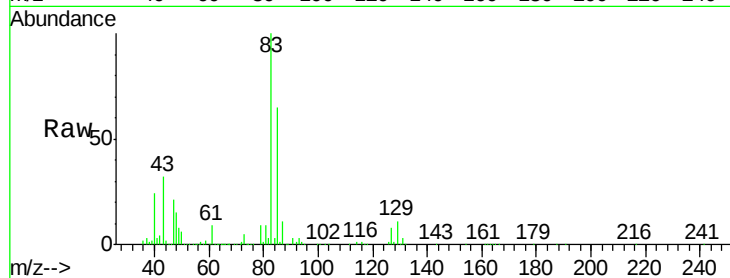
Tot Ion: 83 Resp: 108223

Ion Ratio Lower Upper

83 100

85 64.7 50.9 76.3

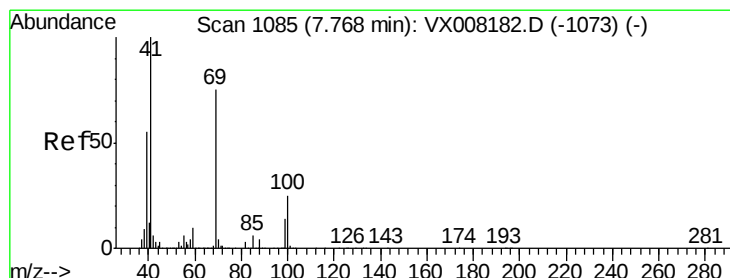
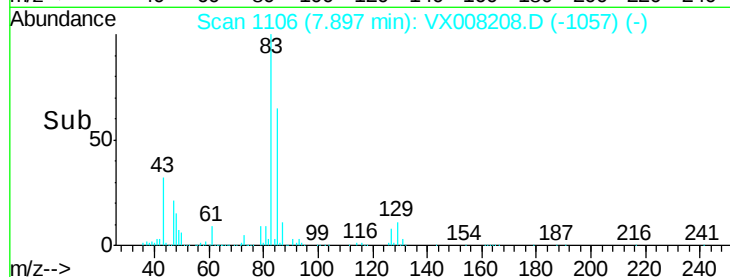
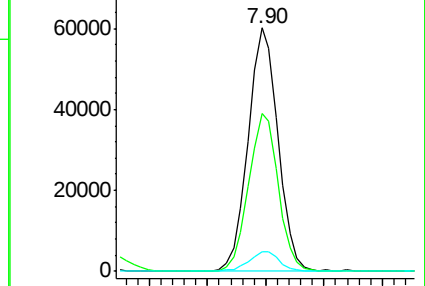
127 8.0 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.484 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

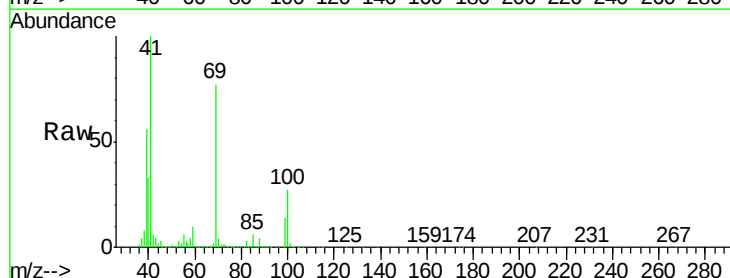
Tgt Ion: 41 Resp: 116287

Ion Ratio Lower Upper

41 100

69 76.5 65.2 97.8

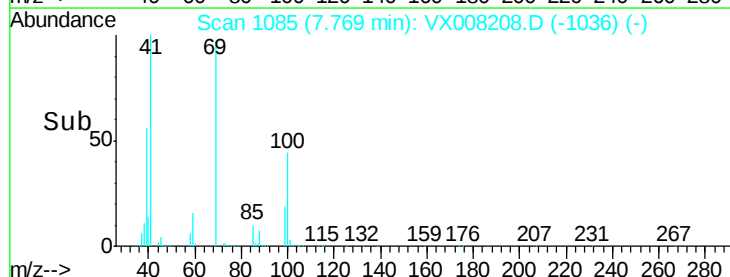
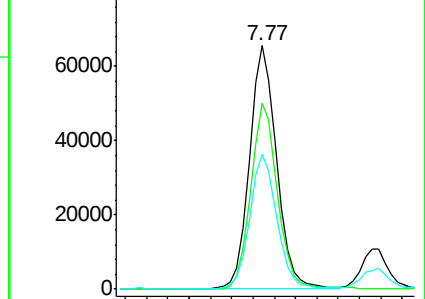
39 56.5 39.4 59.2

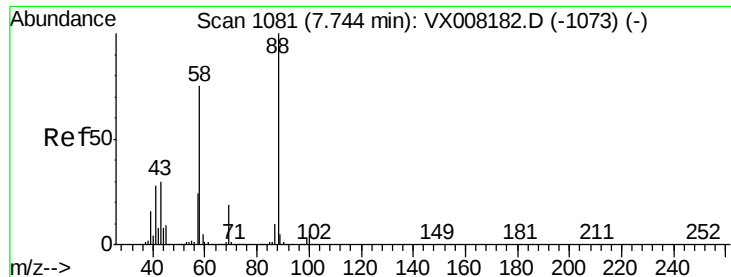


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

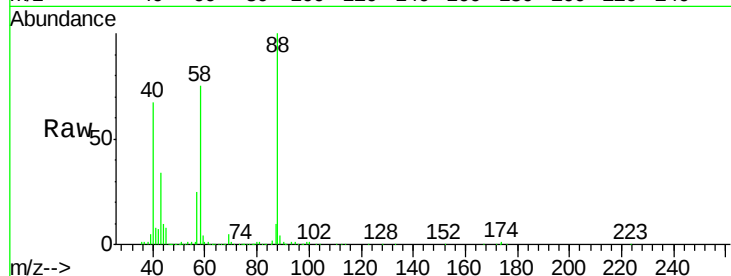




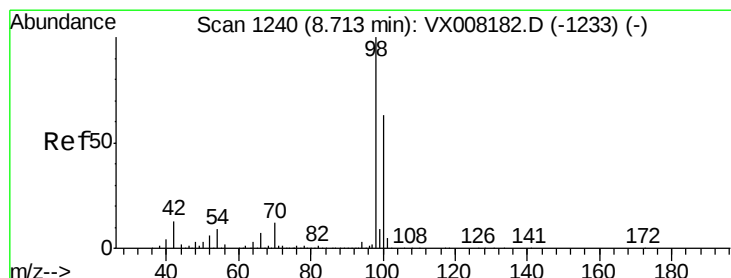
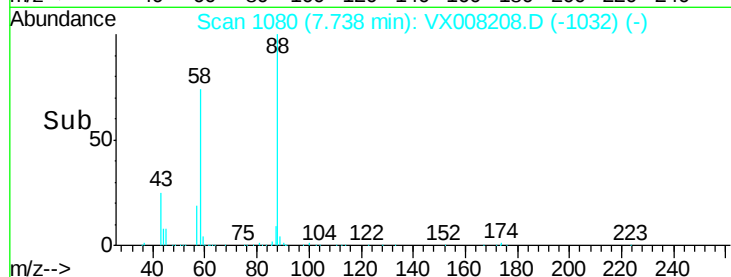
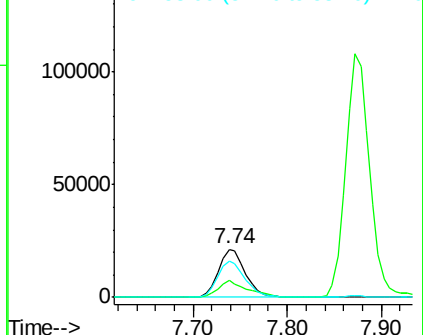
#49
1,4-Dioxane
Concen: 415.500 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Instrument :
MSVOA_X
ClientSampled :
VX0319WBS02

Tot Ion: 88 Resp: 41625
Ion Ratio Lower Upper
88 100
43 36.1 25.1 37.7
58 77.1 57.8 86.6

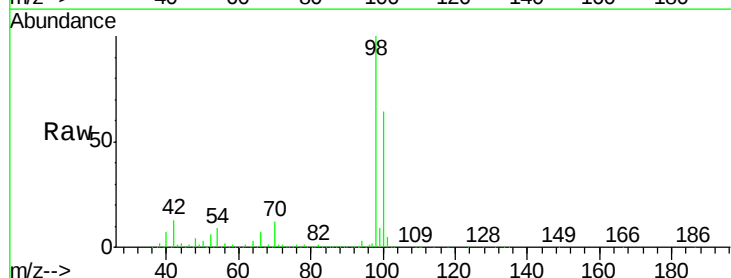


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

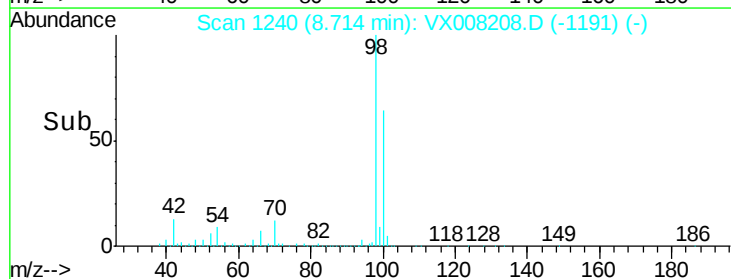
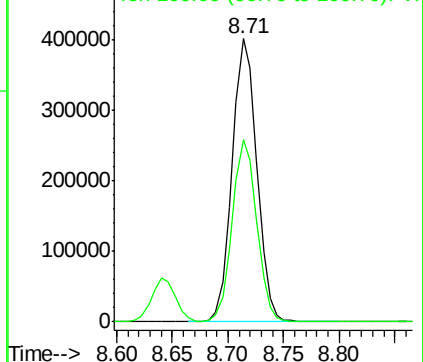


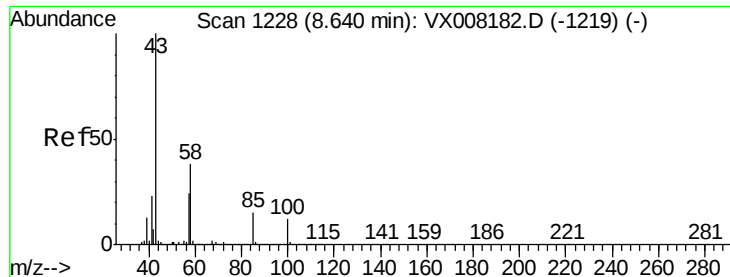
#50
Toluene-d8
Concen: 50.363 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 98 Resp: 618655
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 107.484 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

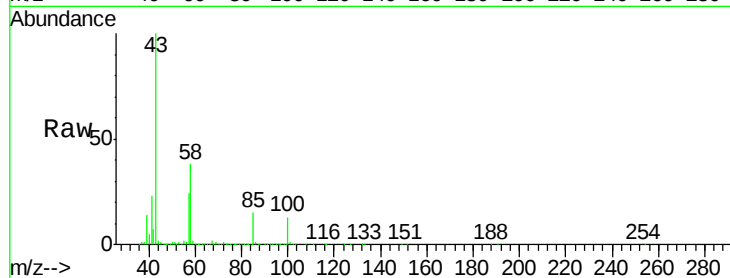
VX0319WBS02

Tot Ion: 43 Resp: 741903

Ion Ratio Lower Upper

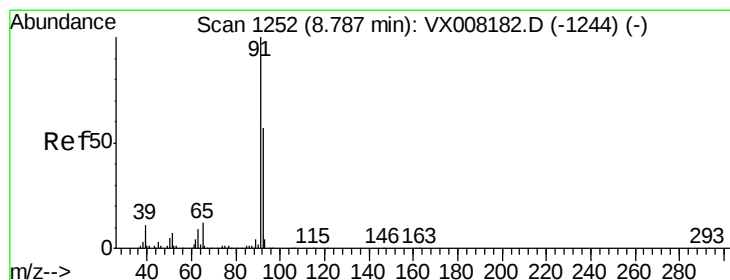
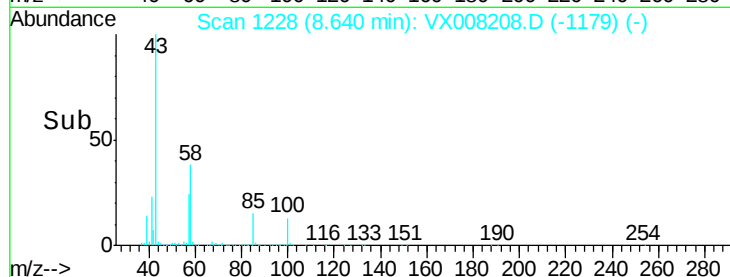
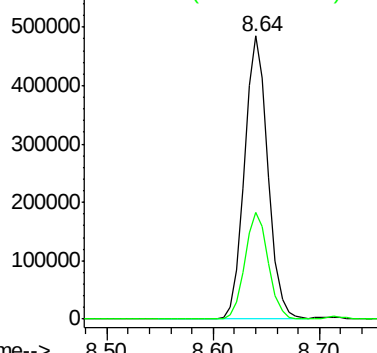
43 100

58 37.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.346 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008208.D

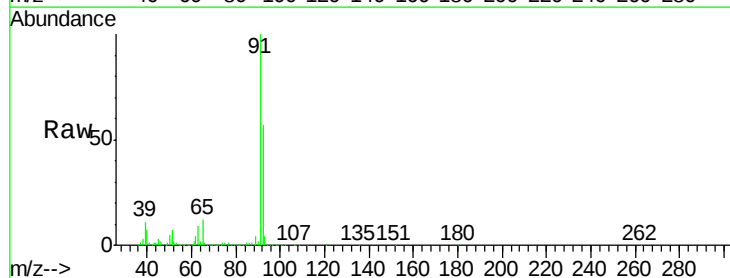
Acq: 19 Mar 2019 23:28

Tgt Ion: 92 Resp: 201310

Ion Ratio Lower Upper

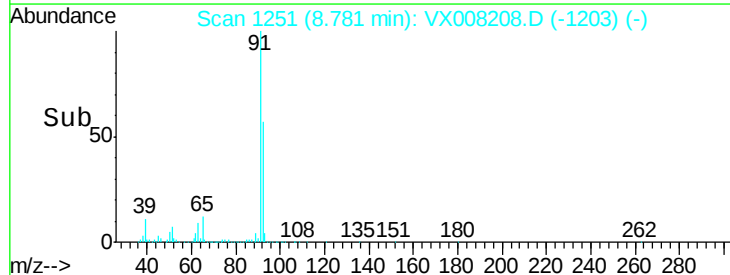
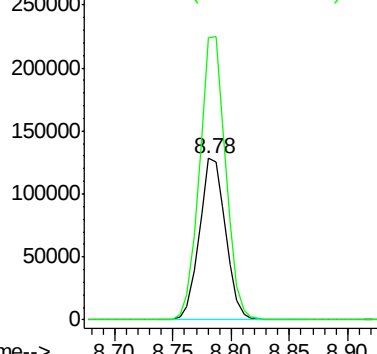
92 100

91 175.2 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.955 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

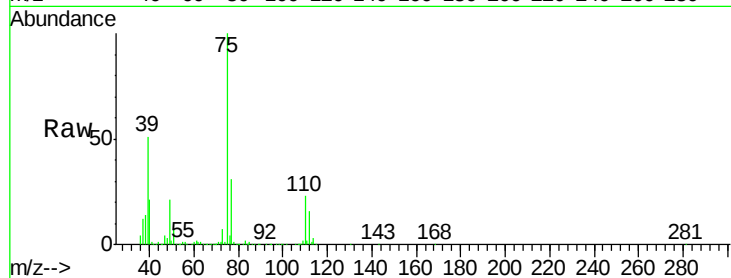
VX0319WBS02

Tot Ion: 75 Resp: 114805

Ion Ratio Lower Upper

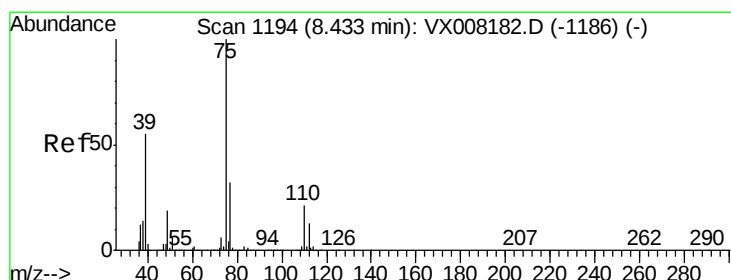
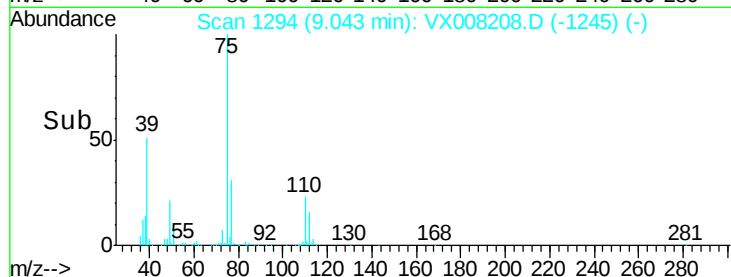
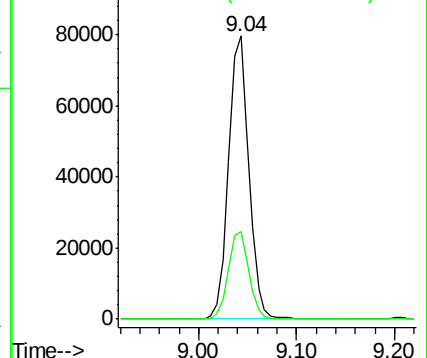
75 100

77 31.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.324 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

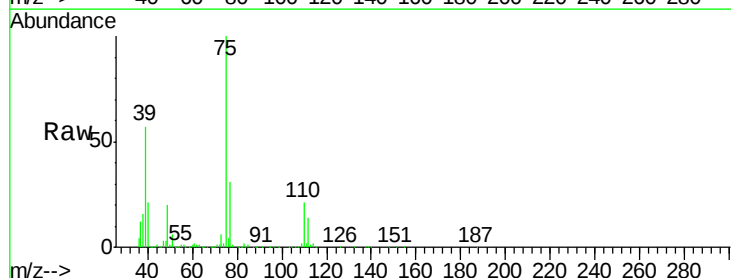
Tgt Ion: 75 Resp: 129198

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6

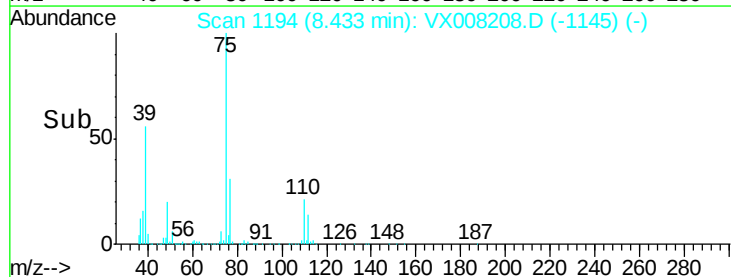
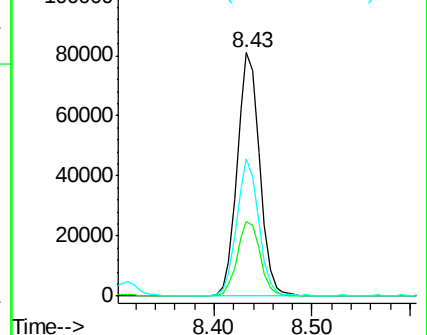
39 56.4 36.6 54.8#

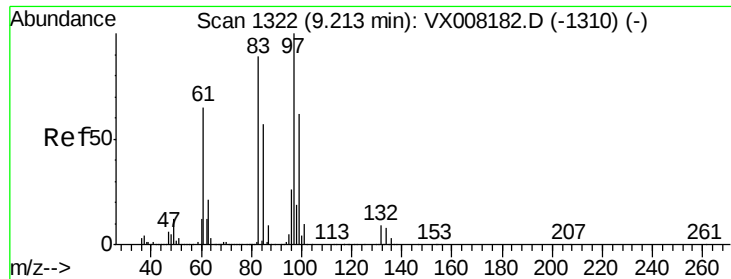


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.812 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

Tot Ion: 97 Resp: 83198

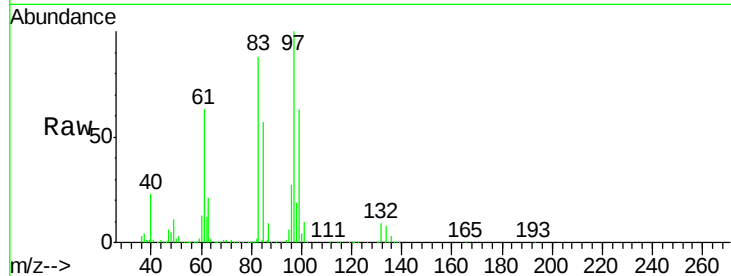
Ion Ratio Lower Upper

97 100

83 88.1 69.1 103.7

85 57.2 44.3 66.5

99 62.8 49.8 74.8

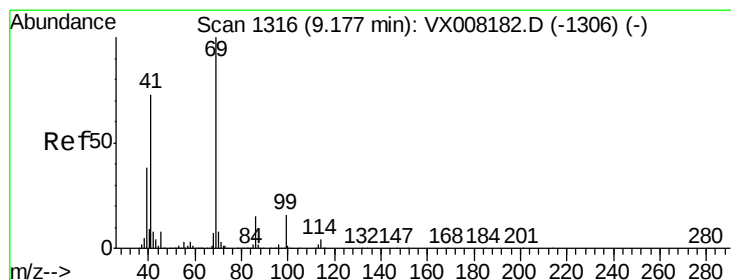
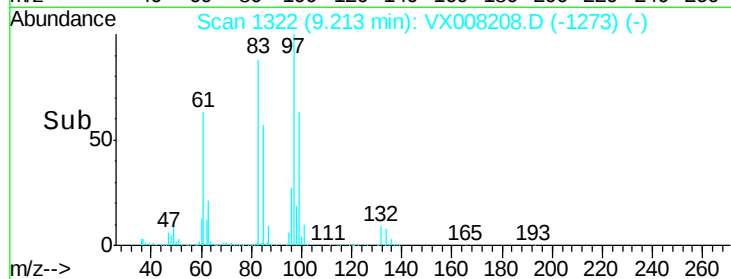
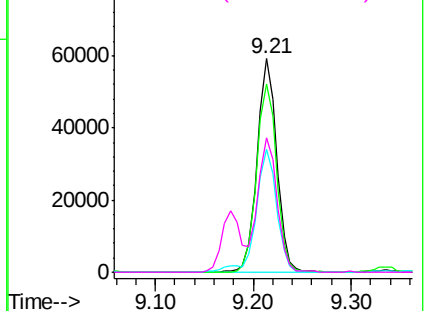


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.681 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

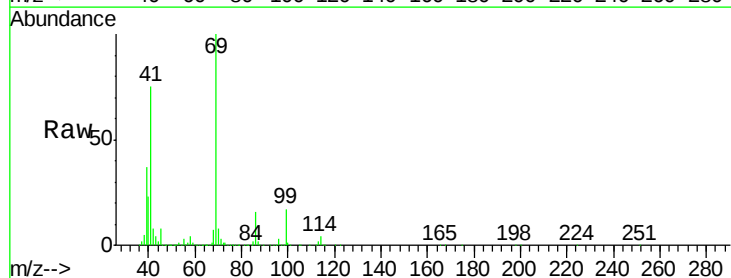
Tgt Ion: 69 Resp: 135747

Ion Ratio Lower Upper

69 100

41 73.9 54.2 81.4

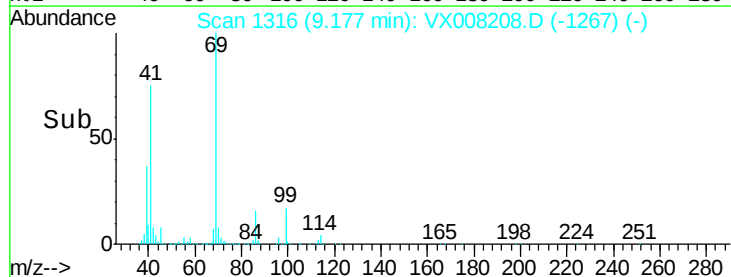
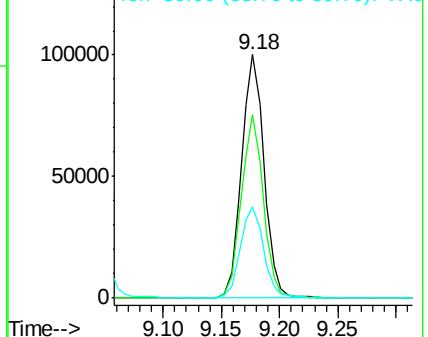
39 38.3 25.0 37.4#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.729 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

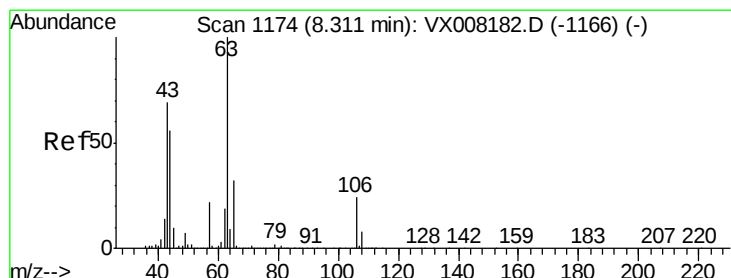
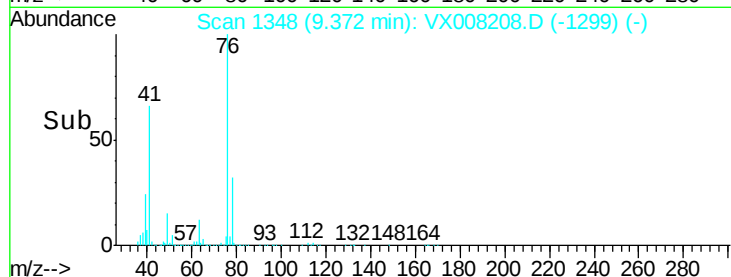
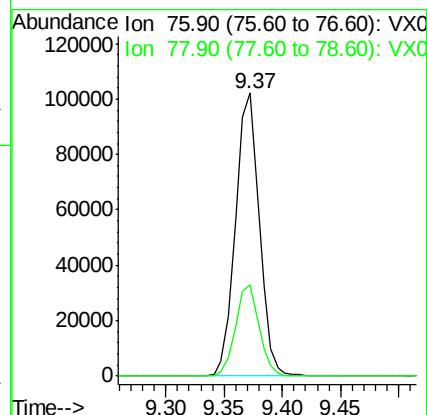
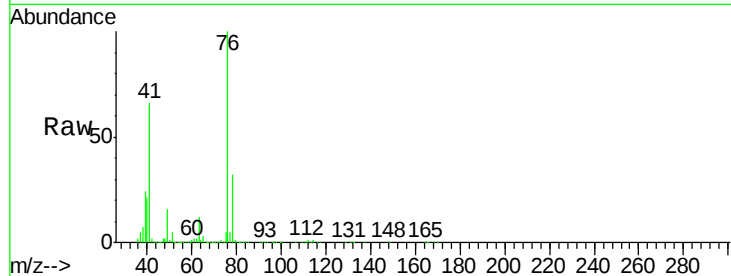
VX0319WBS02

Tot Ion: 76 Resp: 146591

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 97.642 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008208.D

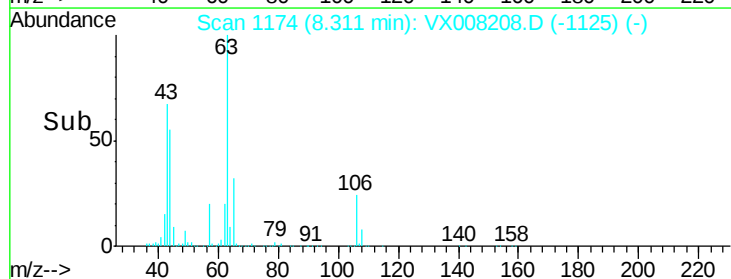
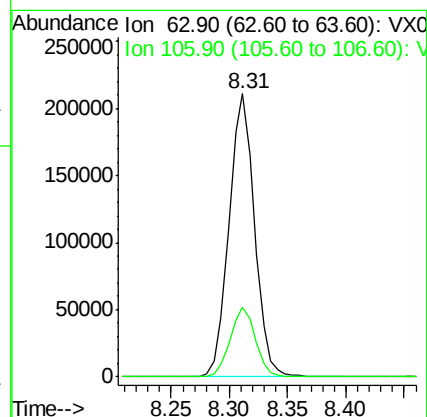
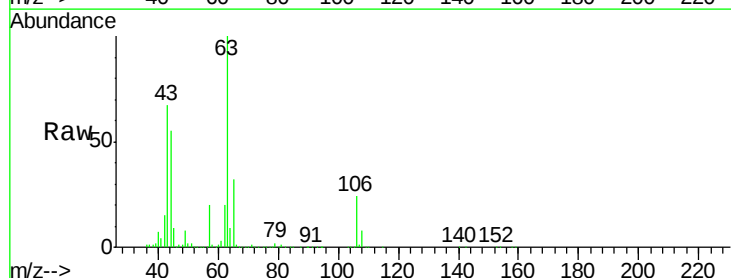
Acq: 19 Mar 2019 23:28

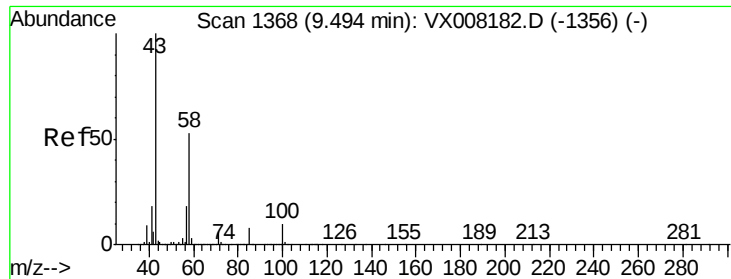
Tgt Ion: 63 Resp: 319819

Ion Ratio Lower Upper

63 100

106 24.5 22.2 33.2

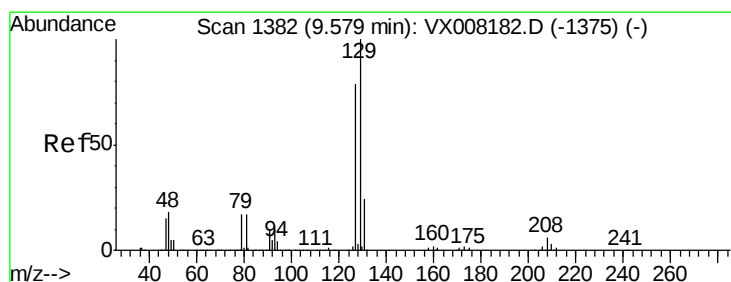
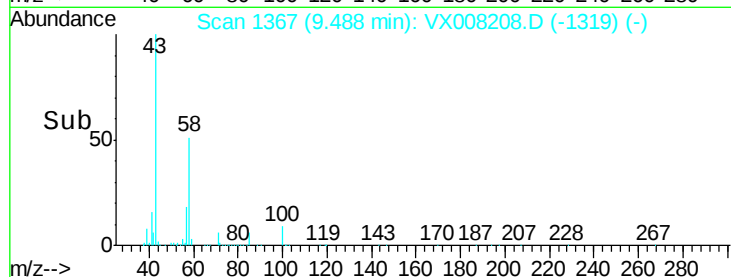
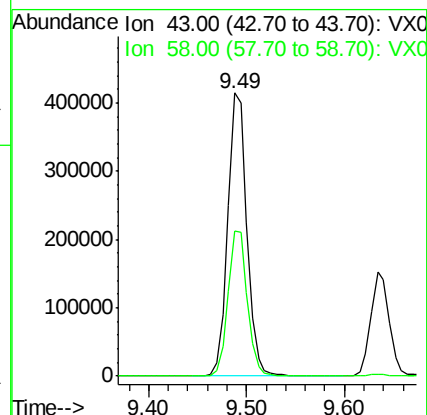
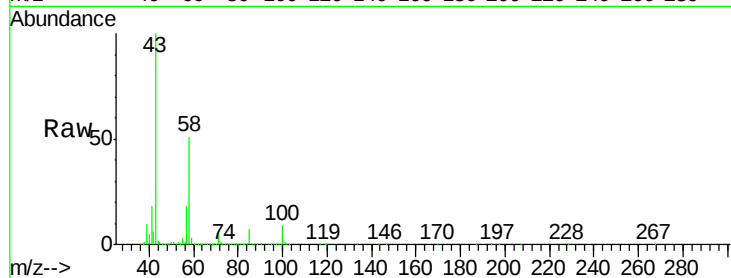




#59
2-Hexanone
Concen: 105.685 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

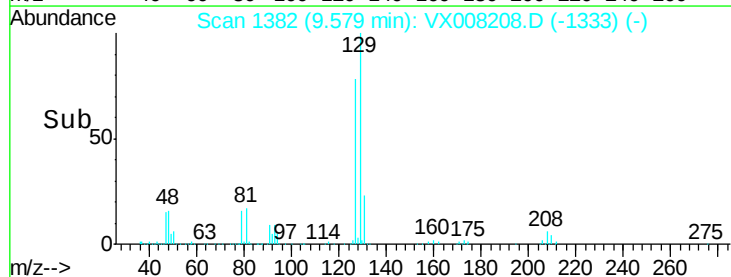
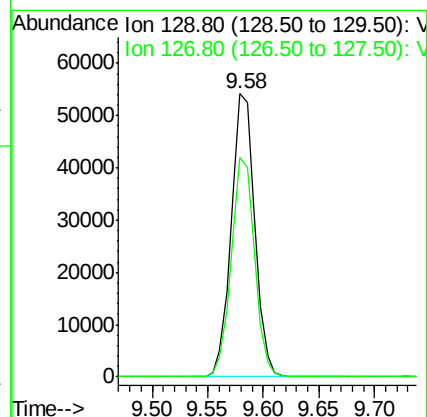
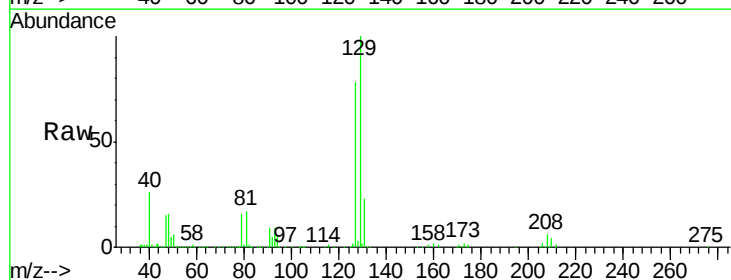
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

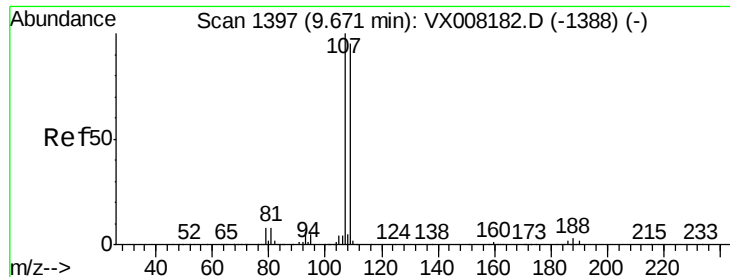
Tot Ion: 43 Resp: 561616
Ion Ratio Lower Upper
43 100
58 51.8 27.6 82.7



#60
Dibromochloromethane
Concen: 20.651 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion:129 Resp: 79339
Ion Ratio Lower Upper
129 100
127 77.0 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.679 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

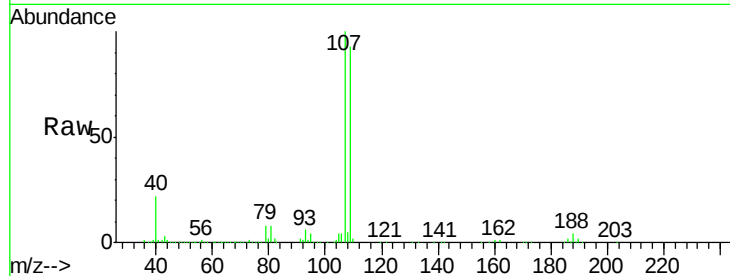
VX0319WBS02

Tot Ion:107 Resp: 86317

Ion Ratio Lower Upper

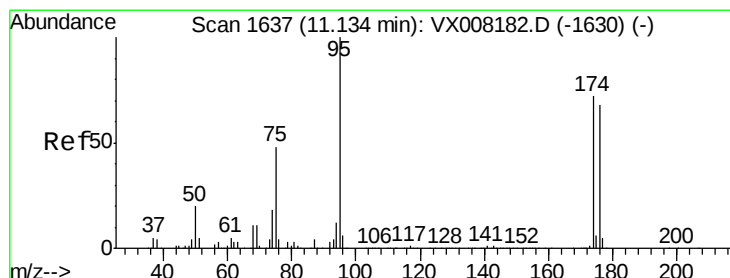
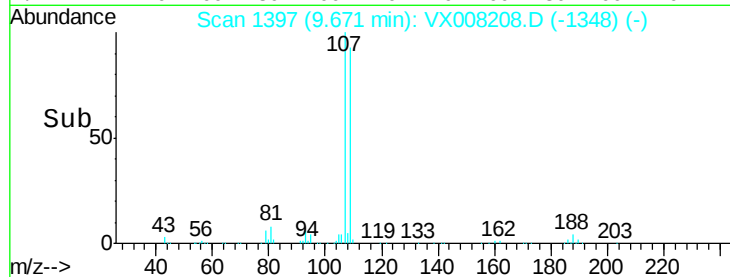
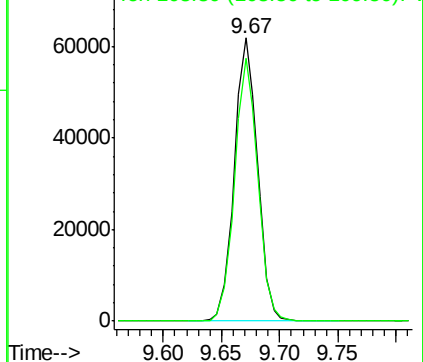
107 100

109 93.0 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.737 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

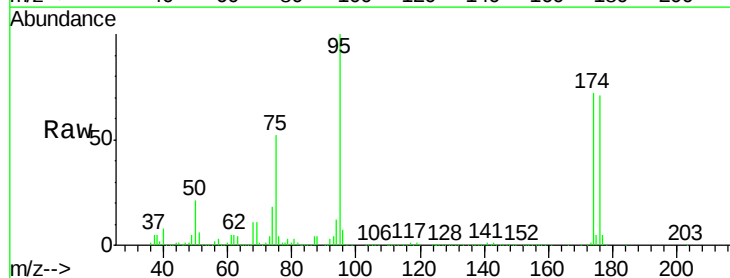
Tgt Ion: 95 Resp: 218824

Ion Ratio Lower Upper

95 100

174 77.6 0.0 182.8

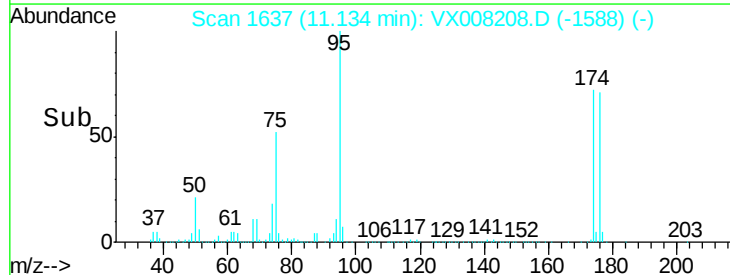
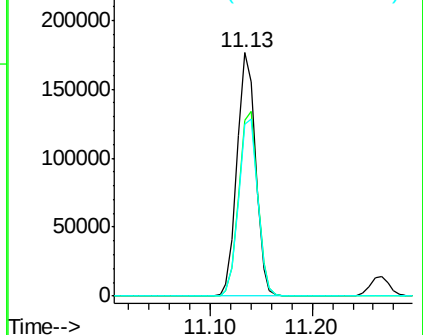
176 75.4 0.0 178.0

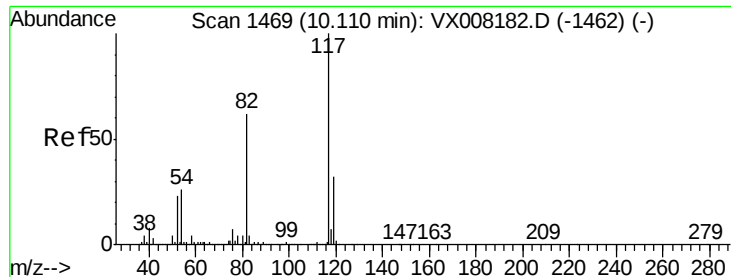


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

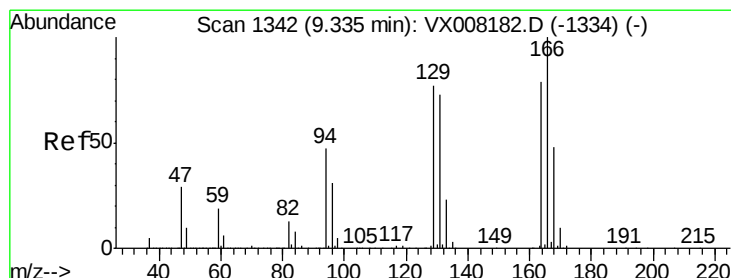
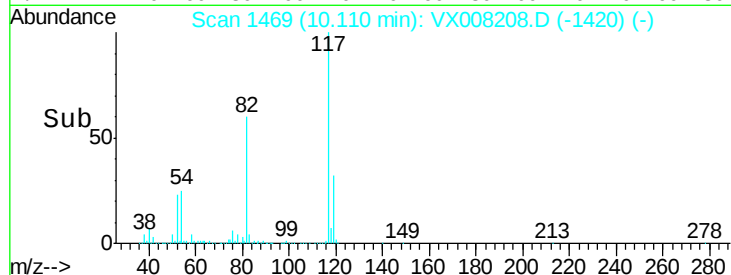
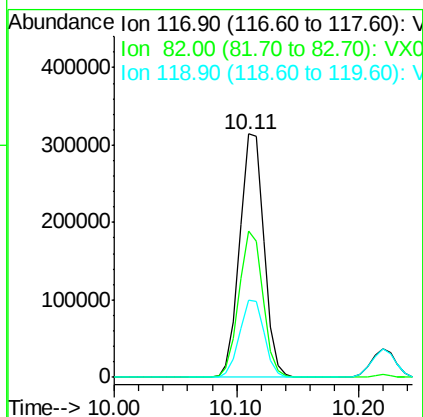
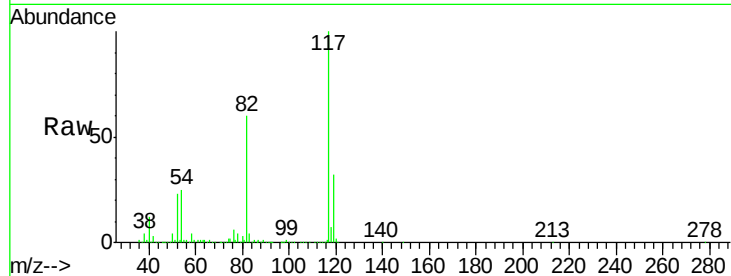




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

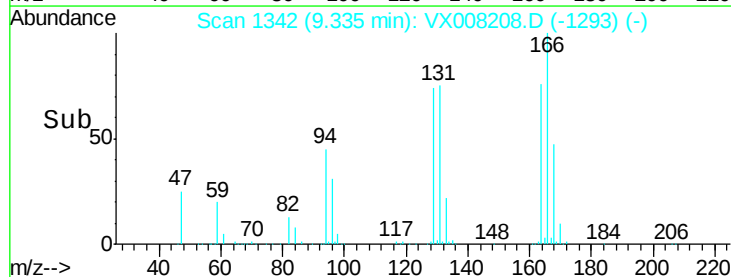
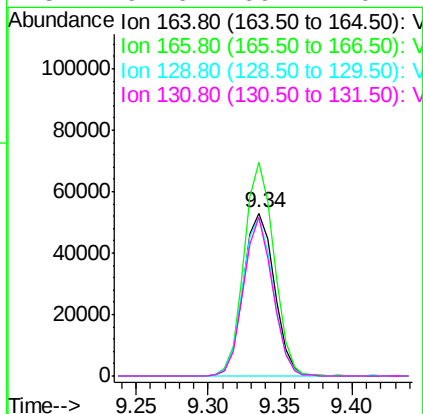
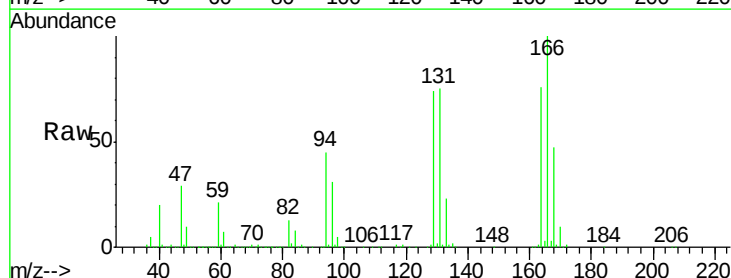
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

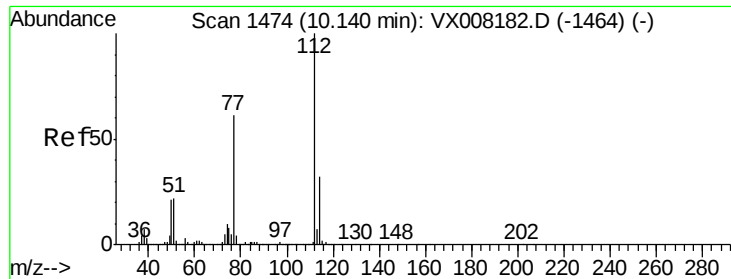
Tot Ion:117 Resp: 430293
Ion Ratio Lower Upper
117 100
82 60.2 44.3 66.5
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 20.313 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion:164 Resp: 78857
Ion Ratio Lower Upper
164 100
166 130.9 103.4 155.0
129 97.2 72.2 108.4
131 97.6 69.4 104.2





#65

Chlorobenzene

Concen: 19.967 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

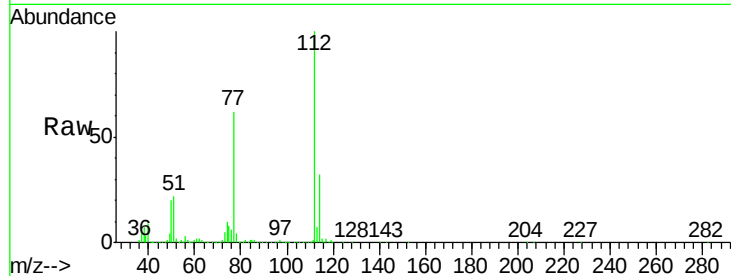
VX0319WBS02

Tot Ion:112 Resp: 211403

Ion Ratio Lower Upper

112 100

114 31.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

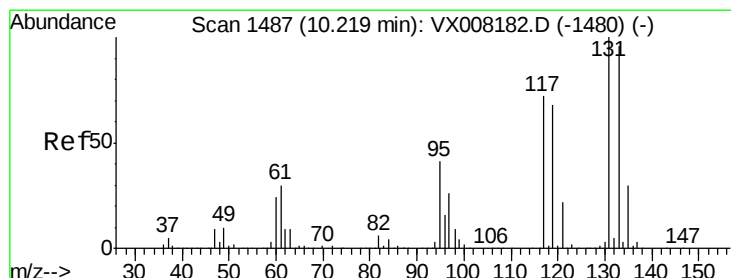
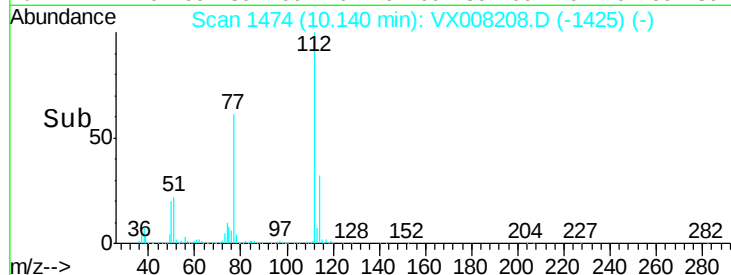
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 20.491 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

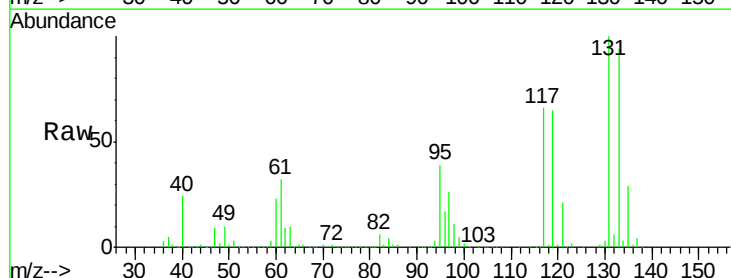
Tgt Ion:131 Resp: 75645

Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 66.1 32.5 97.5



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

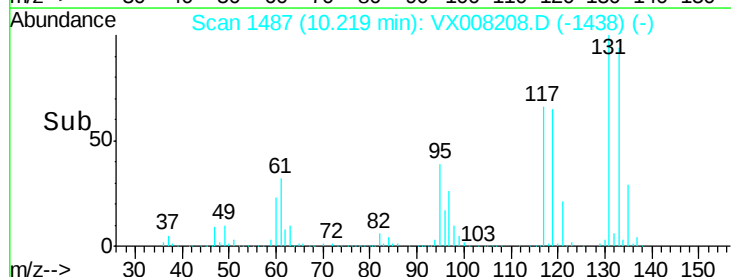
10.22

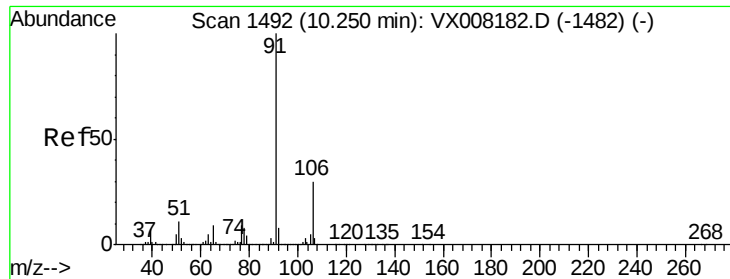
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 20.200 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampled :

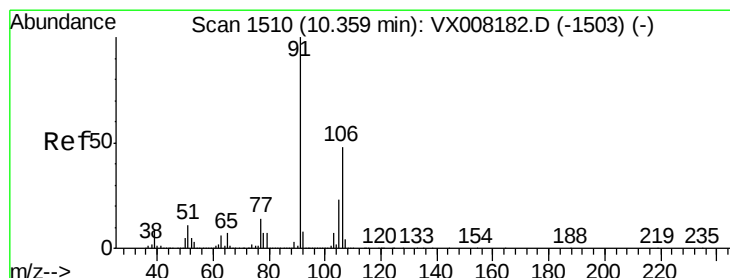
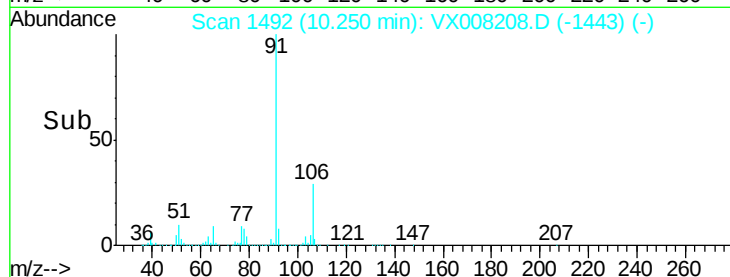
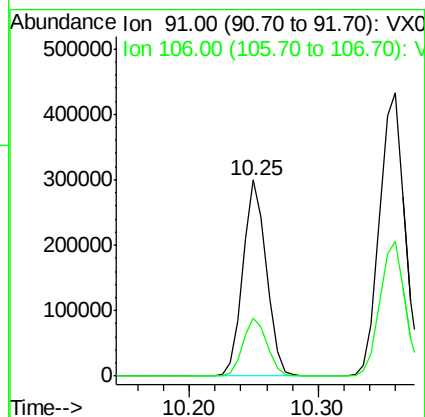
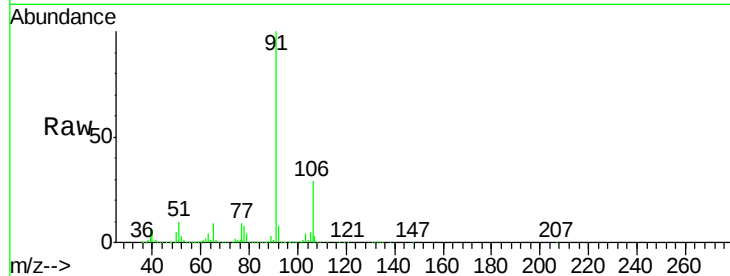
VX0319WBS02

Tot Ion: 91 Resp: 376893

Ion Ratio Lower Upper

91 100

106 29.5 25.2 37.8



#68

m/p-Xylenes

Concen: 40.189 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008208.D

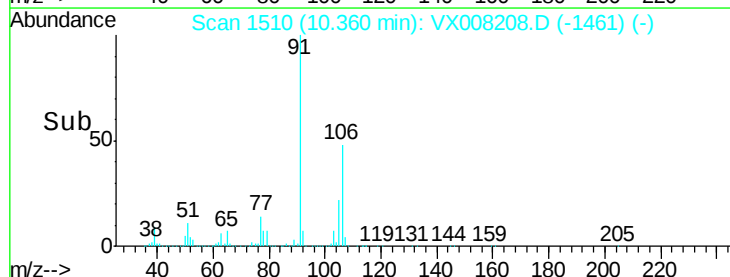
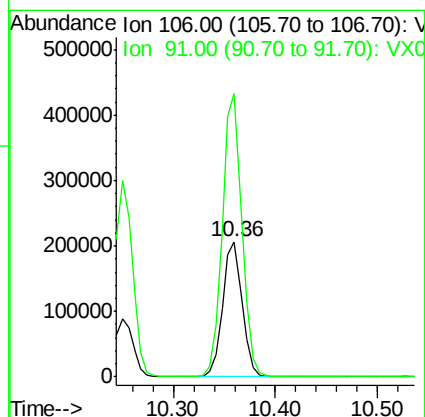
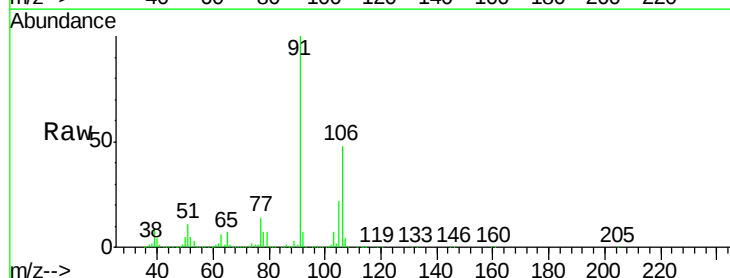
Acq: 19 Mar 2019 23:28

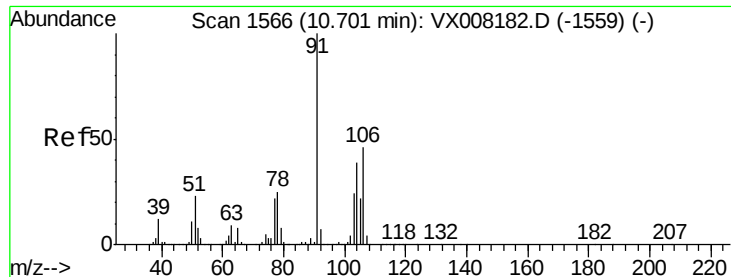
Tgt Ion: 106 Resp: 275446

Ion Ratio Lower Upper

106 100

91 210.1 159.8 239.6

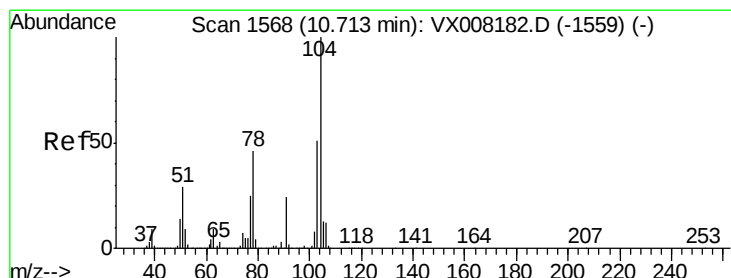
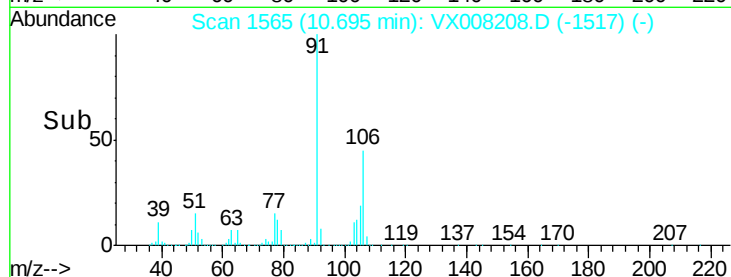
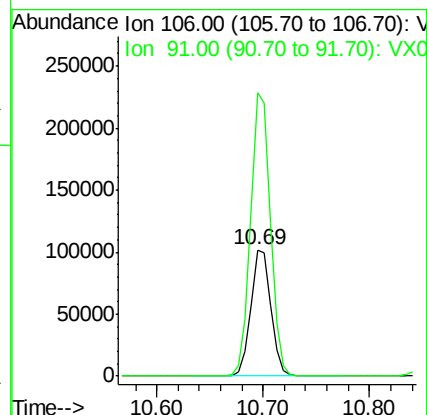
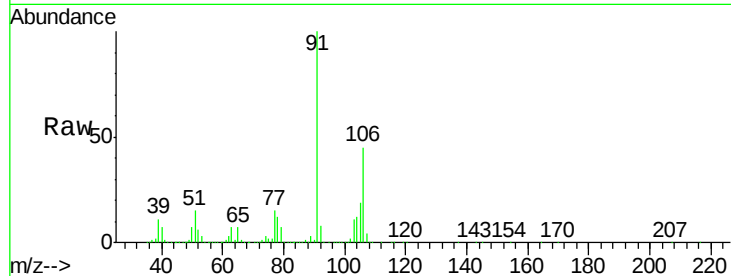




#69
o-Xylene
Concen: 20.346 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

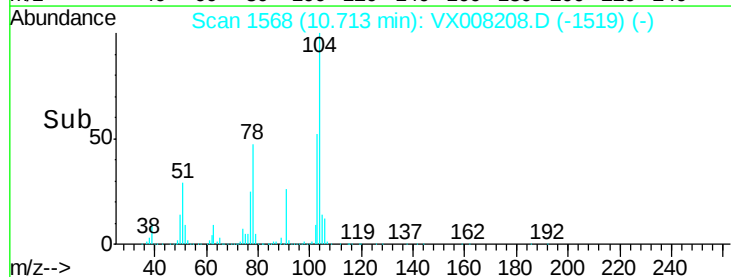
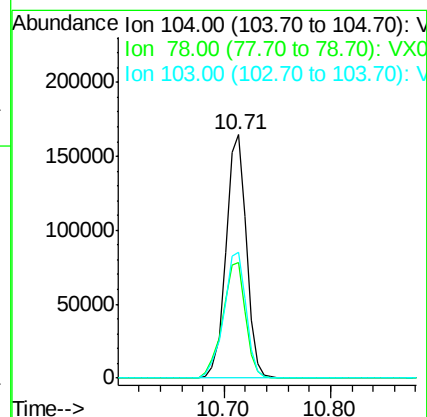
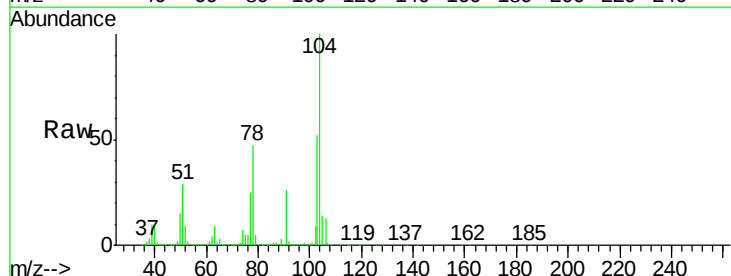
Instrument :
MSVOA_X
ClientSampled :
VX0319WBS02

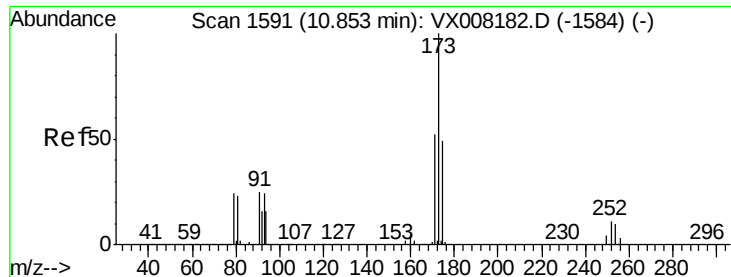
Tot Ion:106 Resp: 135499
Ion Ratio Lower Upper
106 100
91 221.5 106.3 318.9



#70
Styrene
Concen: 20.374 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion:104 Resp: 220516
Ion Ratio Lower Upper
104 100
78 53.3 38.5 57.7
103 56.2 44.1 66.1





#71

Bromoform

Concen: 19.134 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

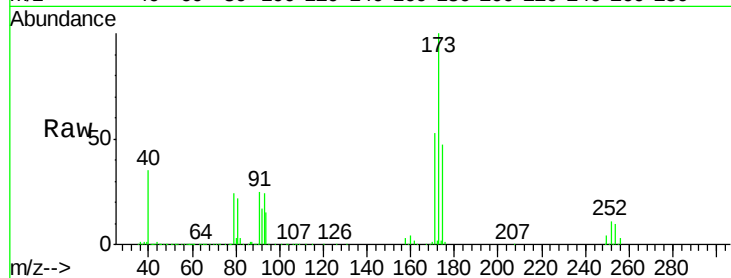
Tot Ion:173 Resp: 56334

Ion Ratio Lower Upper

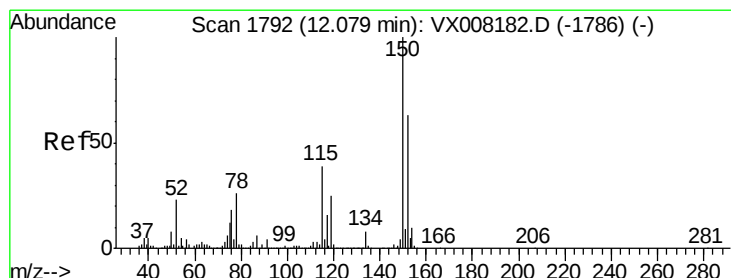
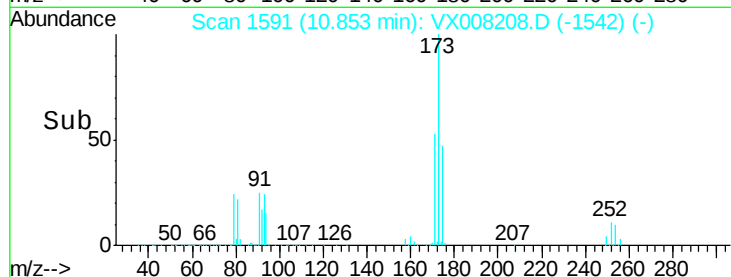
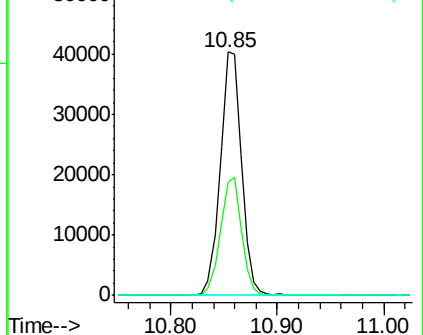
173 100

175 48.2 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

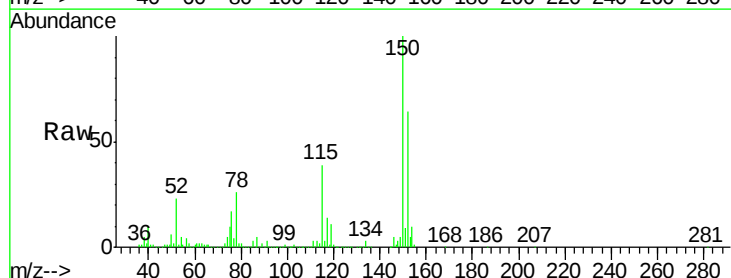
Tgt Ion:152 Resp: 198032

Ion Ratio Lower Upper

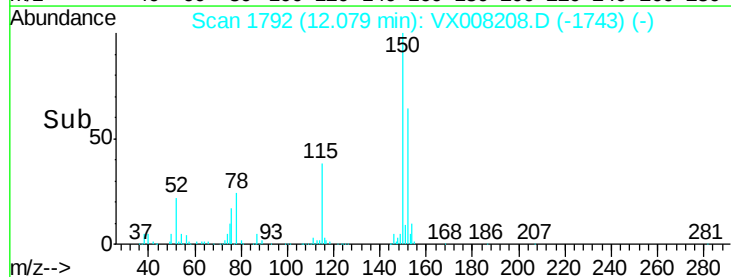
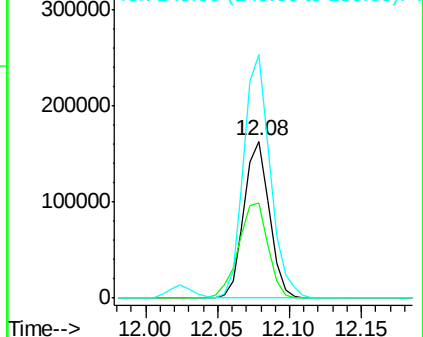
152 100

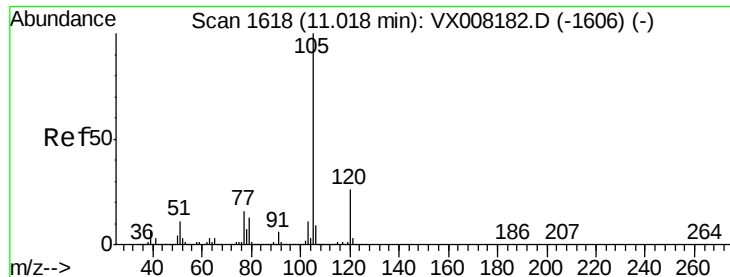
115 71.5 38.6 115.7

150 163.5 0.0 348.4



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





#73

Isopropylbenzene

Concen: 20.361 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

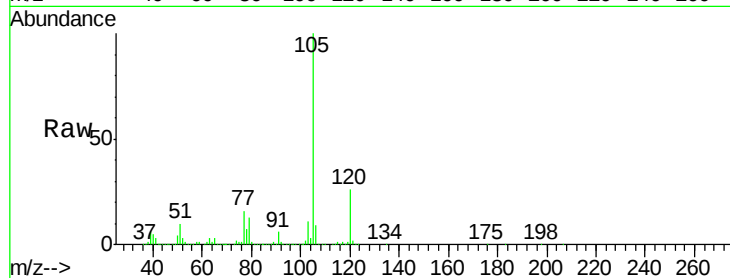
VX0319WBS02

Tot Ion:105 Resp: 359408

Ion Ratio Lower Upper

105 100

120 25.8 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

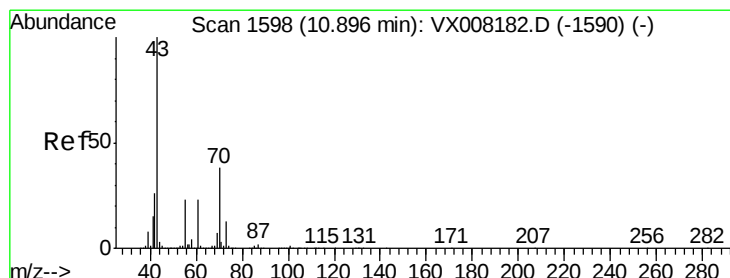
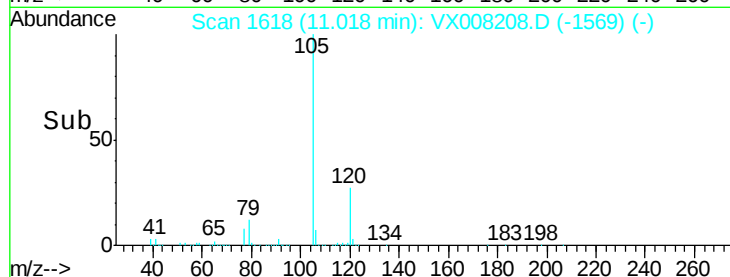
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 20.606 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Tgt Ion: 43 Resp: 190571

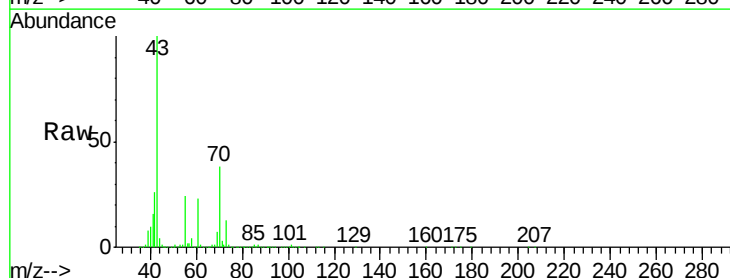
Ion Ratio Lower Upper

43 100

70 37.9 33.5 50.3

55 25.0 19.2 28.8

61 22.8 19.0 28.6



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

10.90

250000

200000

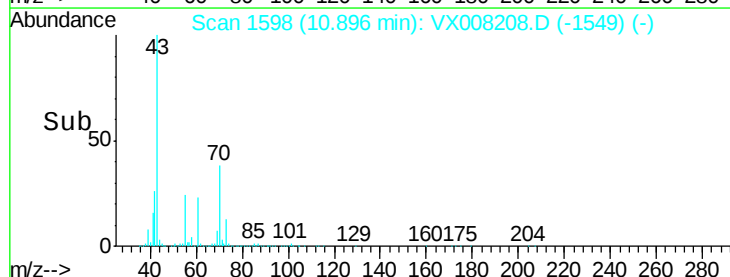
150000

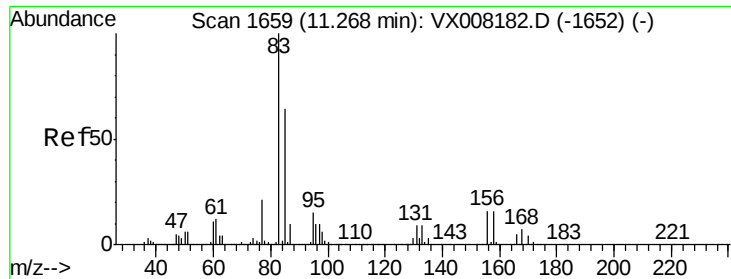
100000

50000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 20.652 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

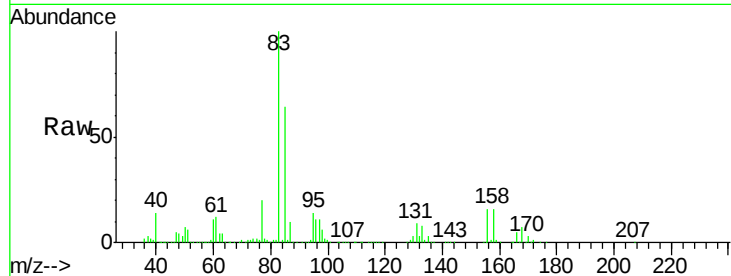
MSVOA_X

ClientSampled :

VX0319WBS02

Tot Ion: 83 Resp: 130719

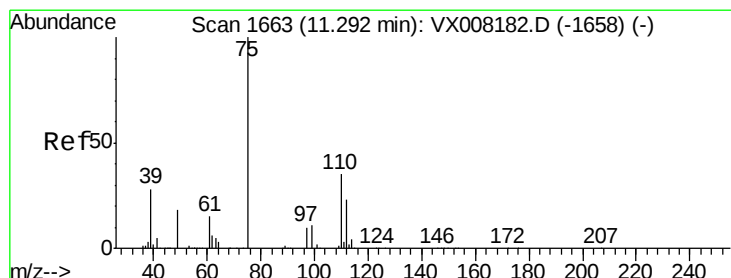
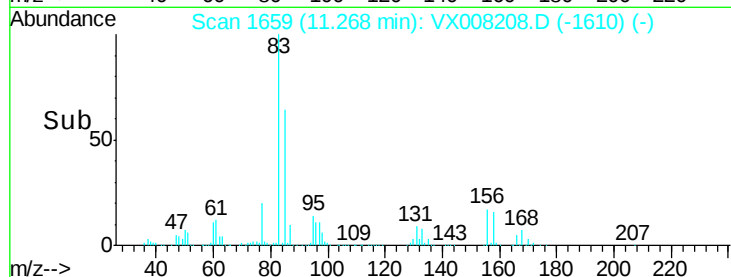
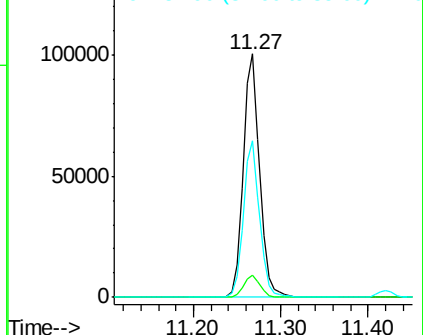
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.4	16.2
85	63.7	32.3	96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.067 ug/l

RT: 11.29 min Scan# 1663

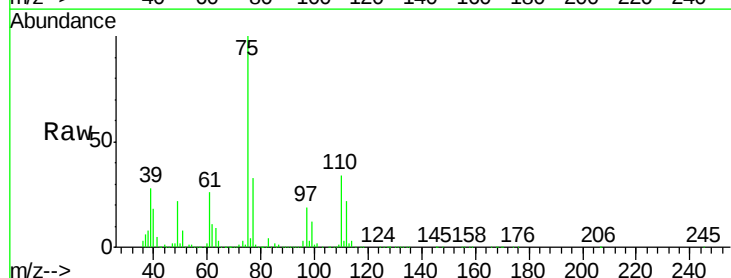
Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

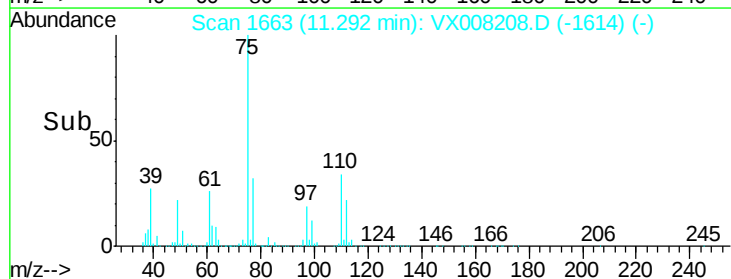
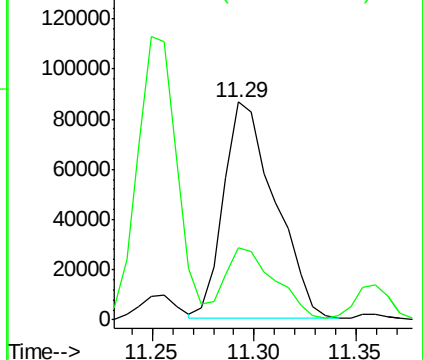
Tgt Ion: 75 Resp: 150757

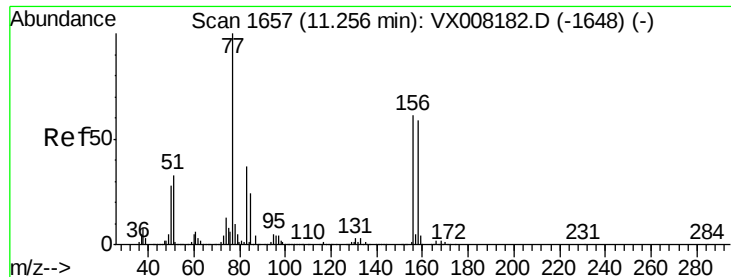
Ion	Ratio	Lower	Upper
75	100		
77	33.1	18.9	56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.192 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

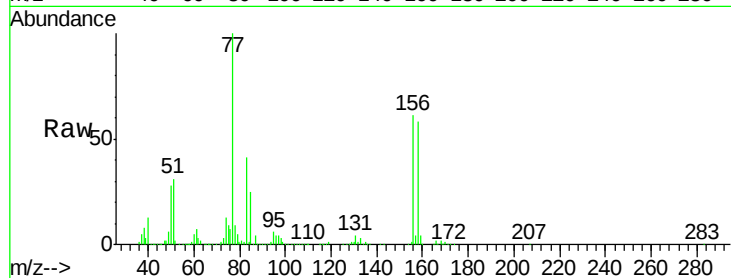
Tot Ion:156 Resp: 86177

Ion Ratio Lower Upper

156 100

77 174.3 72.0 215.9

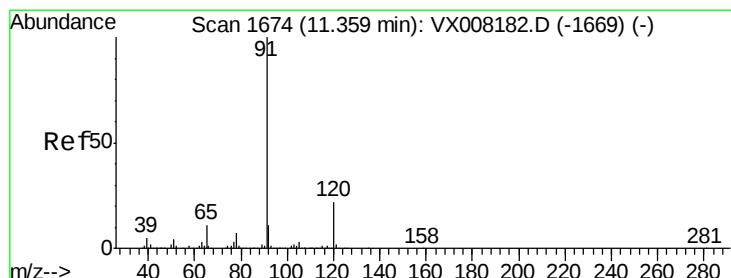
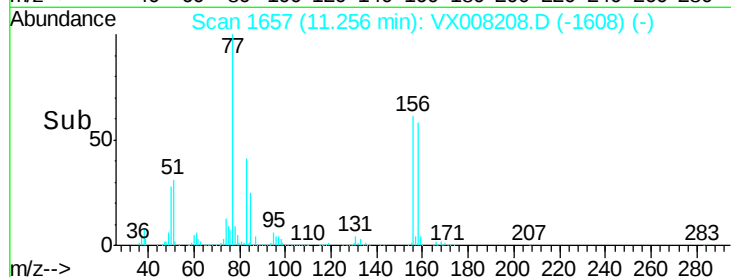
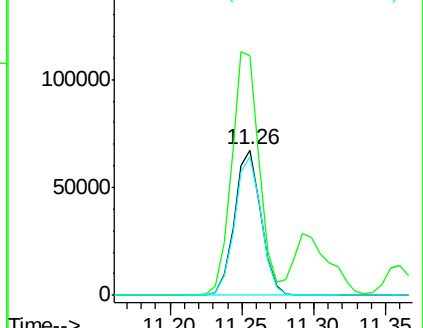
158 96.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.282 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008208.D

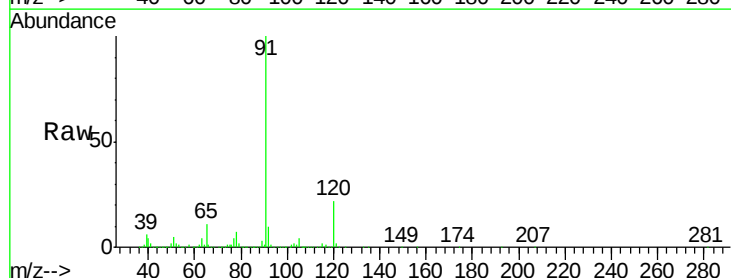
Acq: 19 Mar 2019 23:28

Tgt Ion: 91 Resp: 415821

Ion Ratio Lower Upper

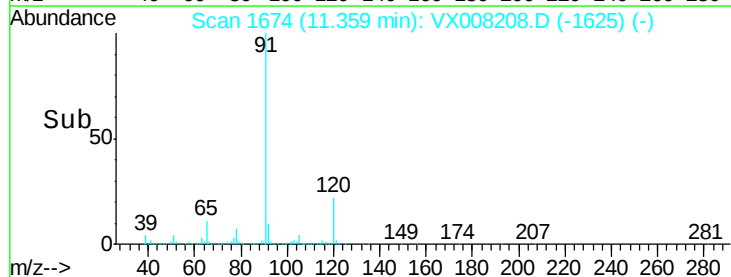
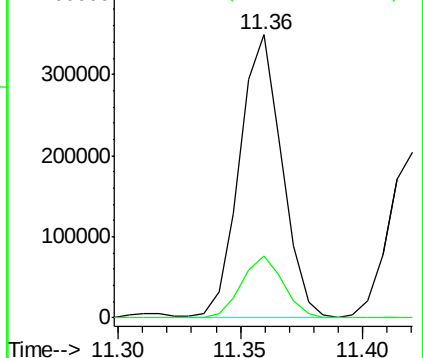
91 100

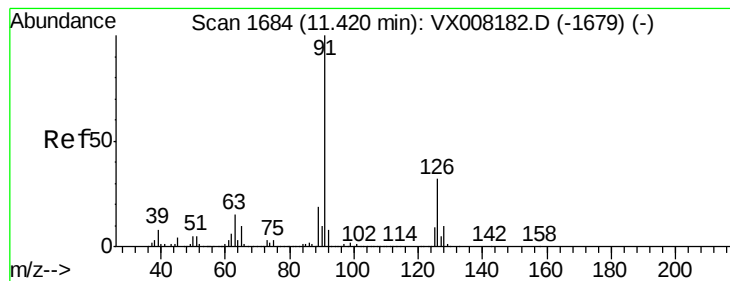
120 21.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.367 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

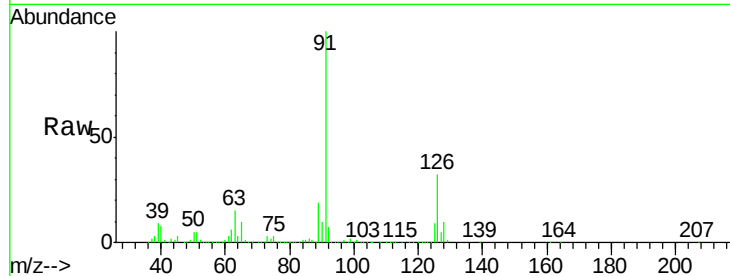
VX0319WBS02

Tot Ion: 91 Resp: 250624

Ion Ratio Lower Upper

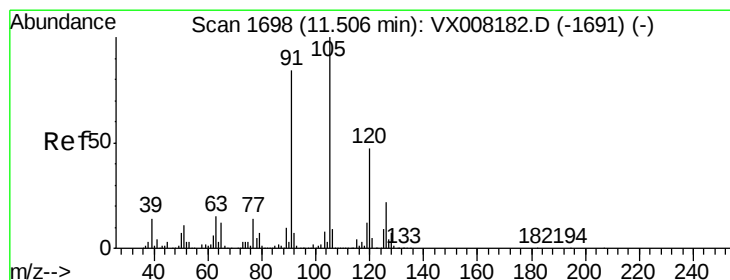
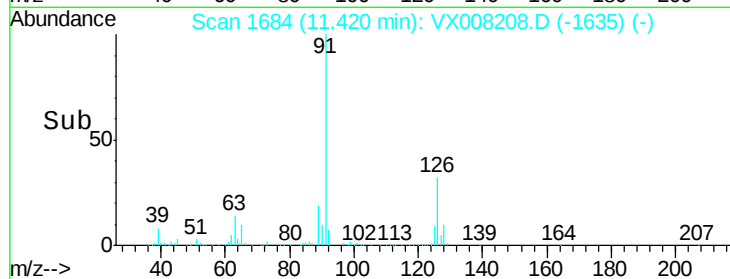
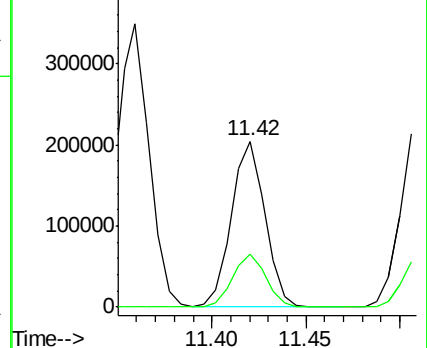
91 100

126 32.1 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX008208.D (-1635) (-)

Ion 125.90 (125.60 to 126.60): VX008208.D (-1635) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.348 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008208.D

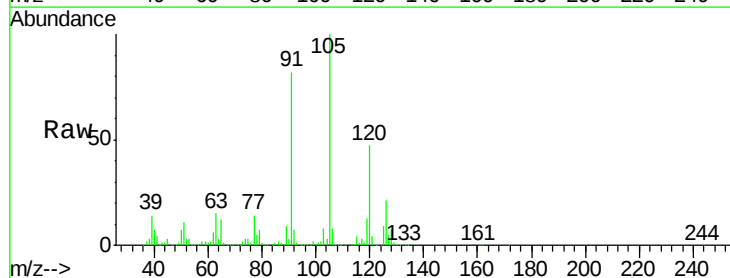
Acq: 19 Mar 2019 23:28

Tgt Ion: 105 Resp: 296741

Ion Ratio Lower Upper

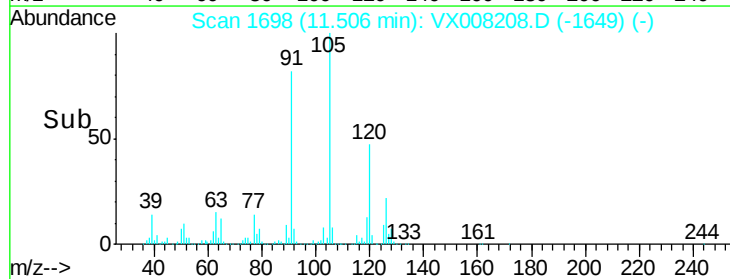
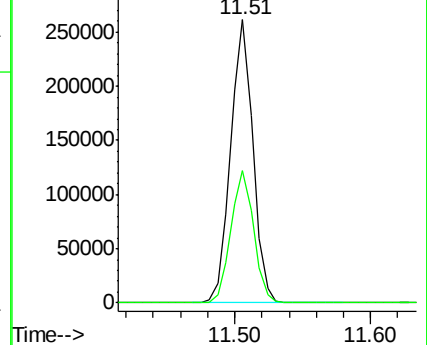
105 100

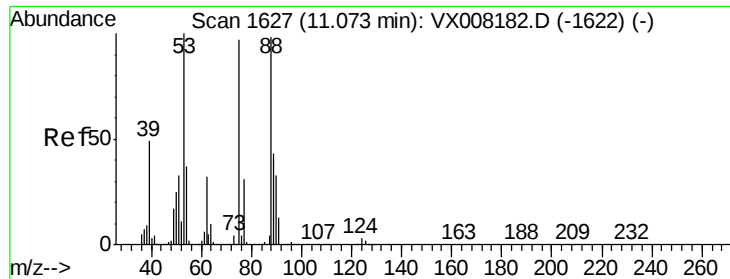
120 47.8 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VX008208.D (-1649) (-)

Ion 120.00 (119.70 to 120.70): VX008208.D (-1649) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.750 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

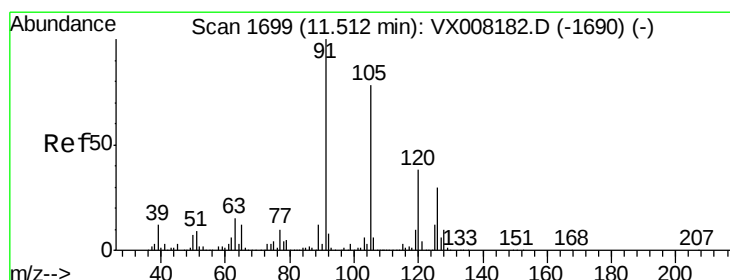
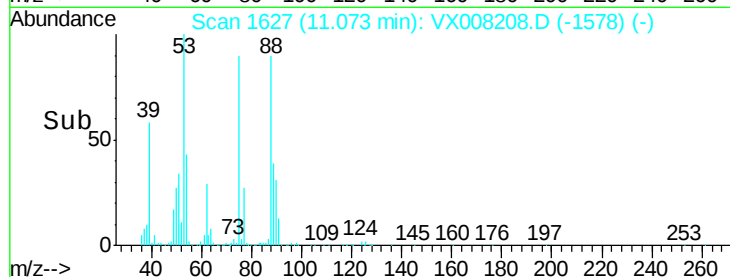
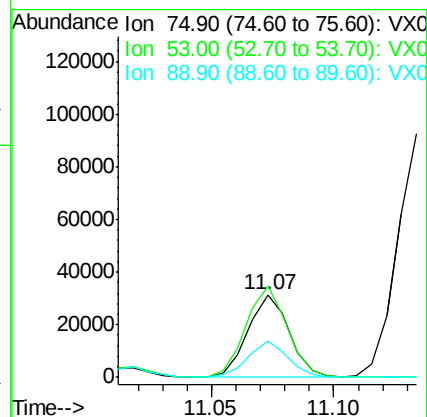
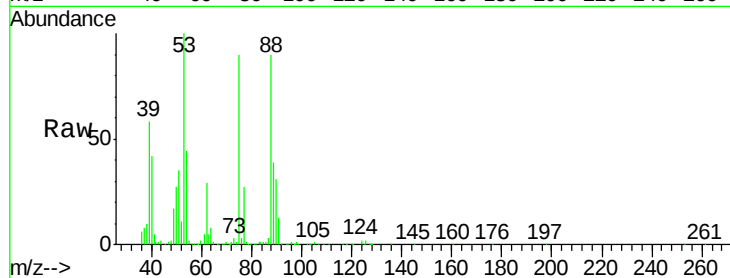
Tot Ion: 75 Resp: 36696

Ion	Ratio	Lower	Upper
75	100		
53	111.3	76.1	114.1
89	43.8	36.3	54.5

75 100

53 111.3 76.1 114.1

89 43.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 19.815 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008208.D

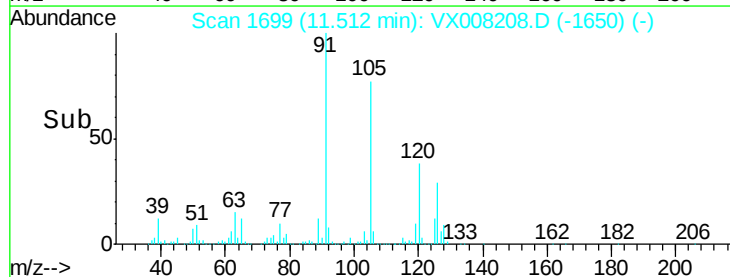
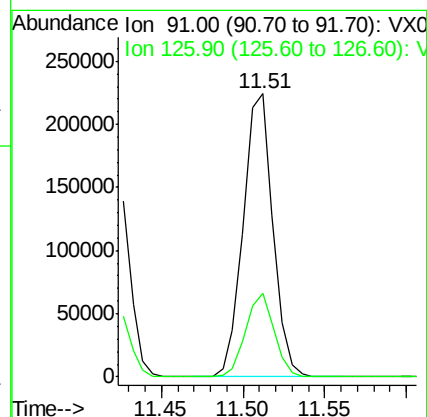
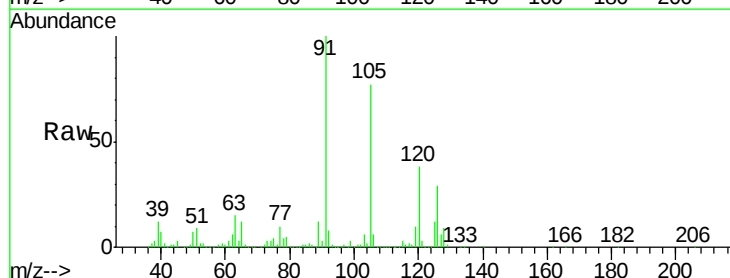
Acq: 19 Mar 2019 23:28

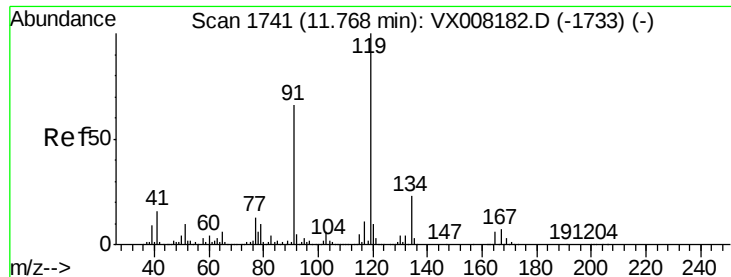
Tgt Ion: 91 Resp: 283738

Ion	Ratio	Lower	Upper
91	100		
126	28.6	15.6	46.8

91 100

126 28.6 15.6 46.8

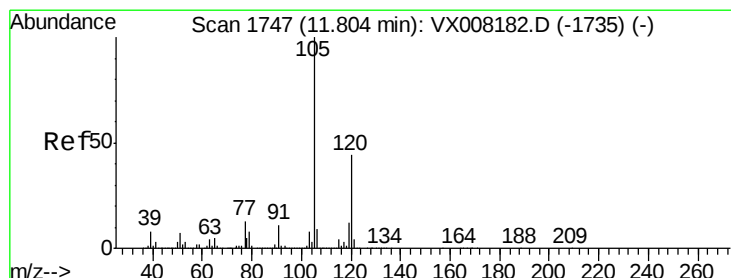
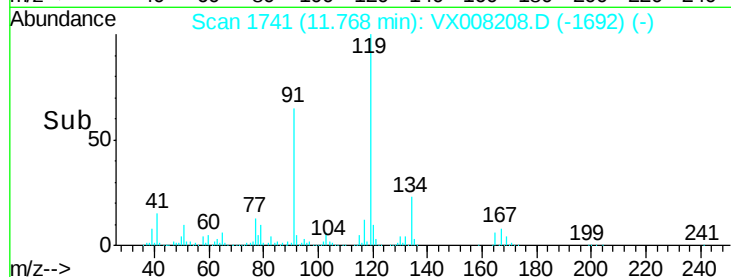
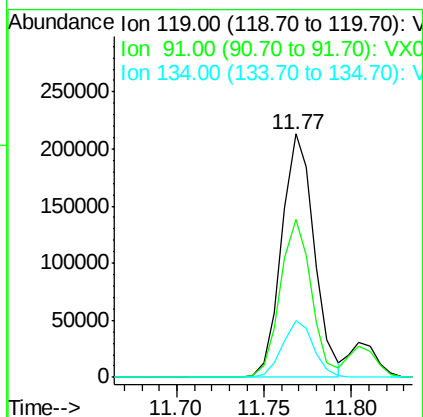
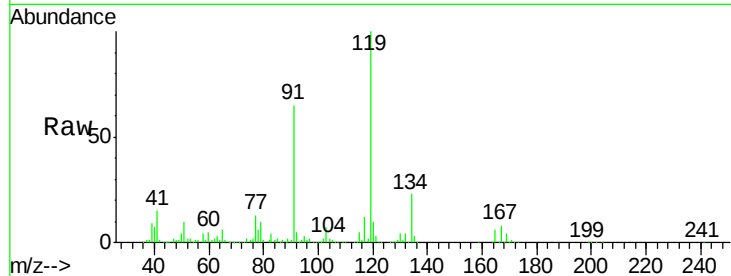




#83
tert-Butylbenzene
Concen: 19.938 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

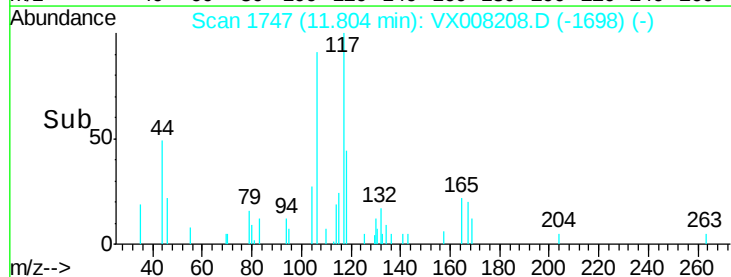
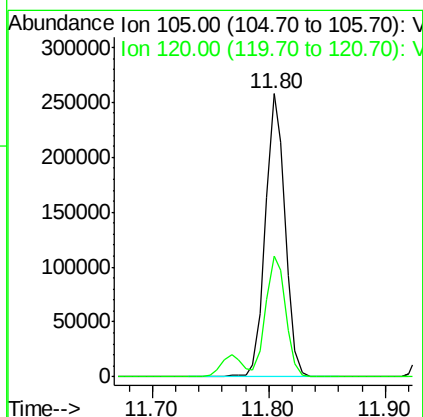
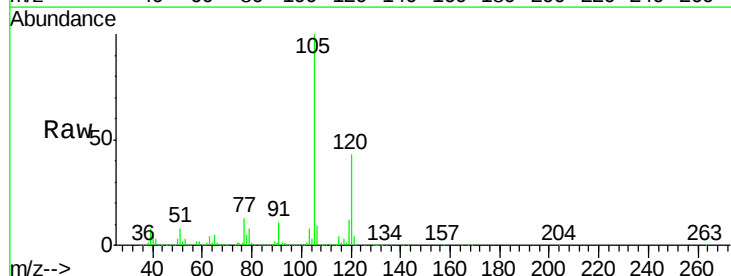
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

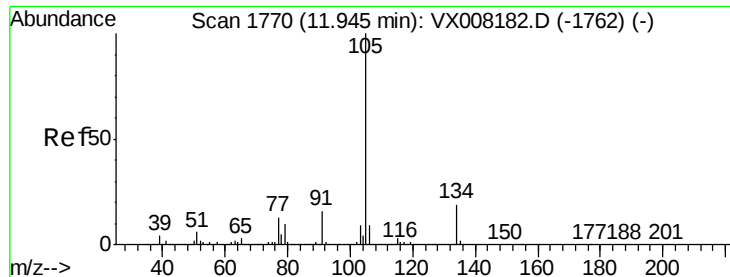
Tot Ion:119 Resp: 277590
Ion Ratio Lower Upper
119 100
91 62.4 27.1 81.3
134 22.5 11.4 34.1



#84
1,2,4-Trimethylbenzene
Concen: 20.577 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion:105 Resp: 304209
Ion Ratio Lower Upper
105 100
120 43.2 22.6 67.7

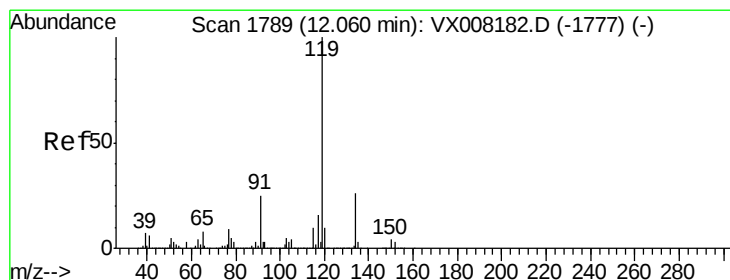
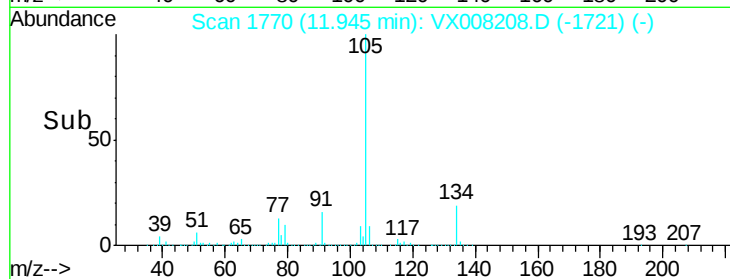
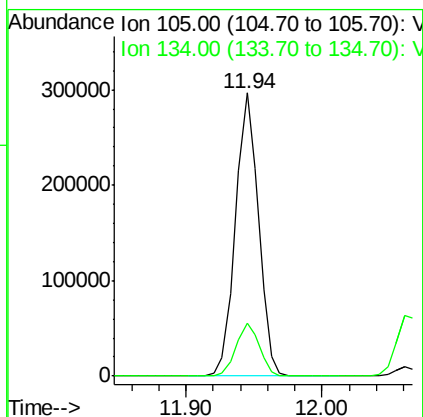
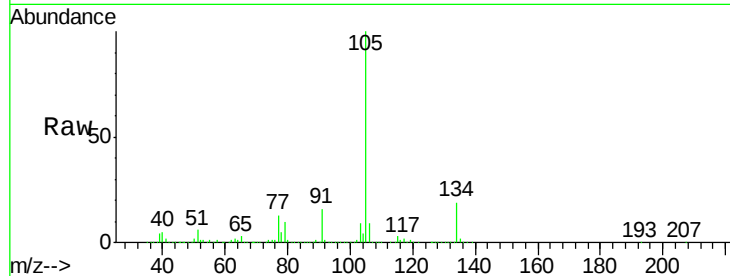




#85
 sec-Butylbenzene
 Concen: 20.192 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

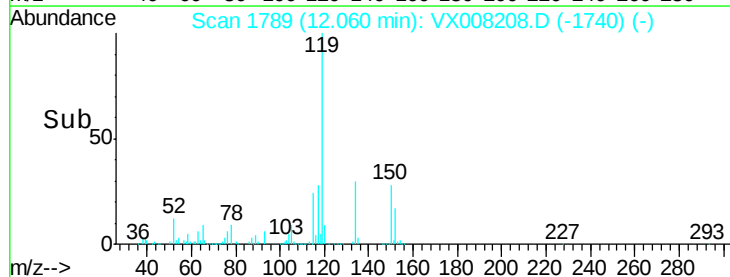
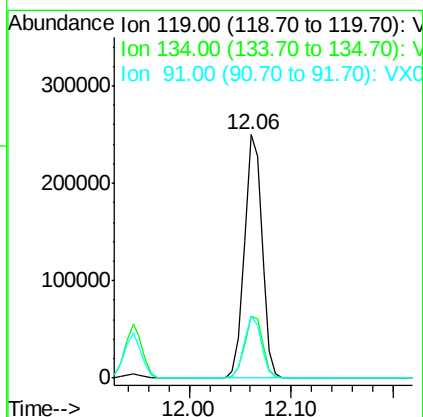
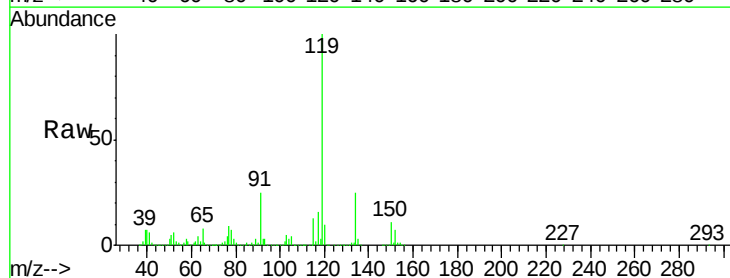
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

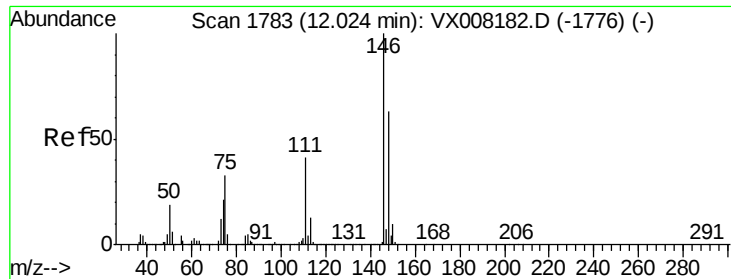
Tot Ion:105 Resp: 348149
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 19.999 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion:119 Resp: 298480
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.9
 91 25.1 10.9 32.7

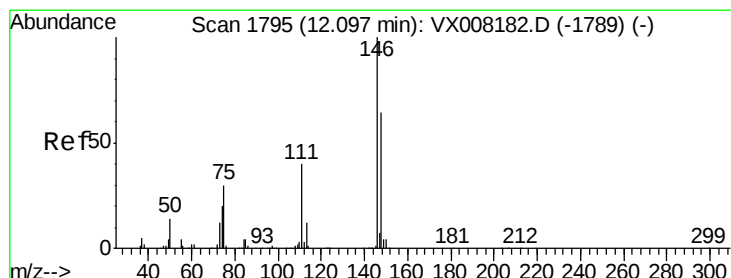
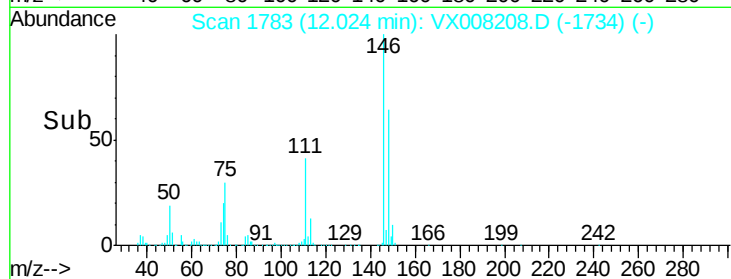
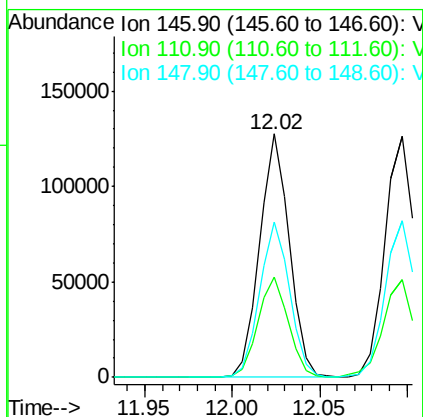
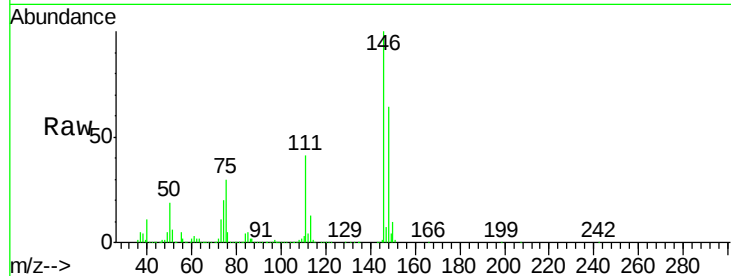




#87
 1,3-Dichlorobenzene
 Concen: 19.814 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

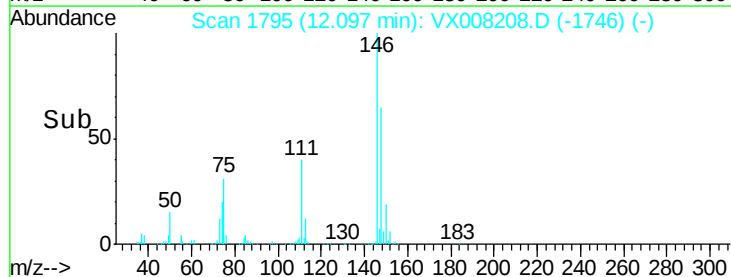
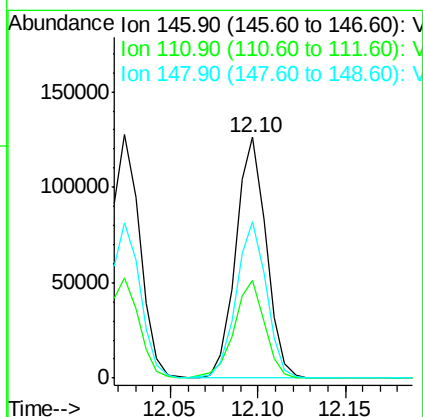
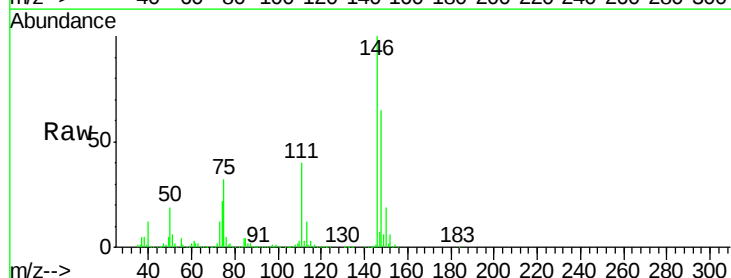
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

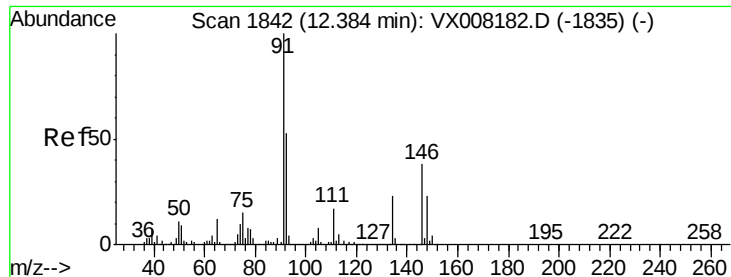
Tot Ion:146 Resp: 151128
 Ion Ratio Lower Upper
 146 100
 111 41.8 18.9 56.7
 148 64.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.212 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion:146 Resp: 151573
 Ion Ratio Lower Upper
 146 100
 111 41.1 18.4 55.0
 148 65.1 32.2 96.6

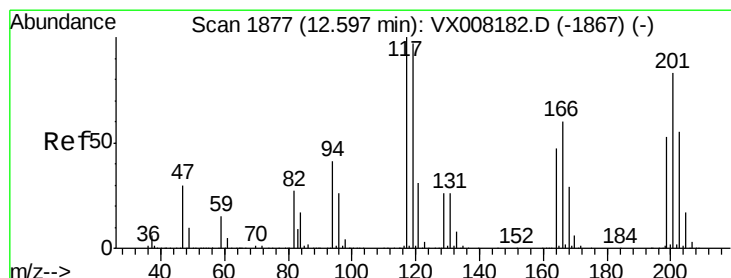
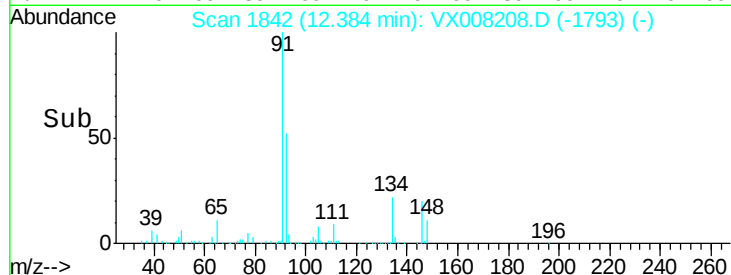
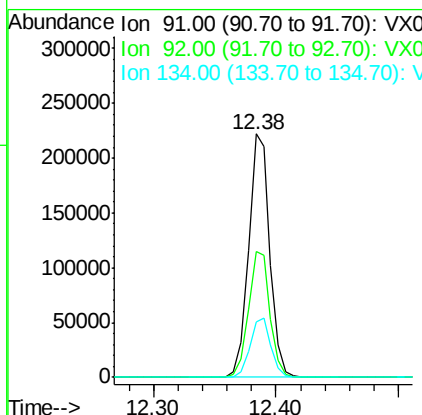
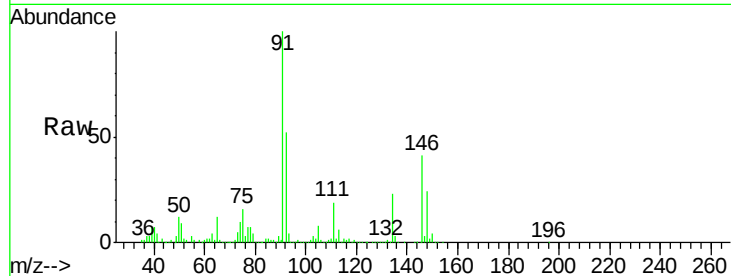




#89
n-Butylbenzene
Concen: 18.939 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

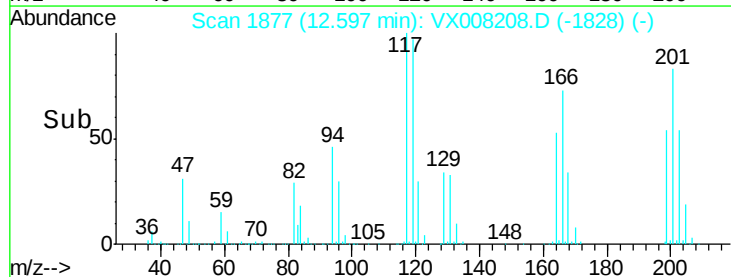
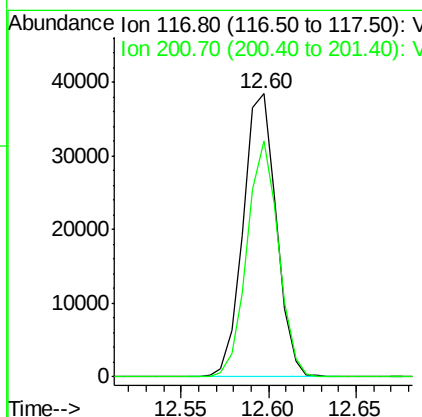
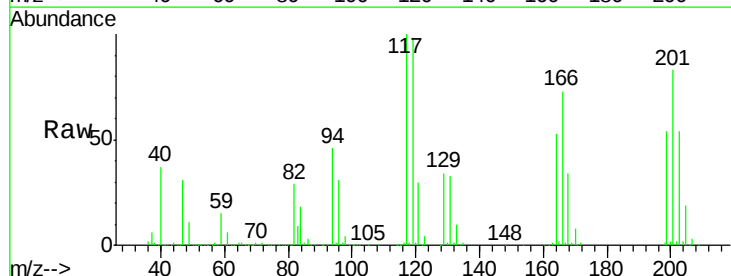
Instrument :
MSVOA_X
ClientSampleId :
VX0319WBS02

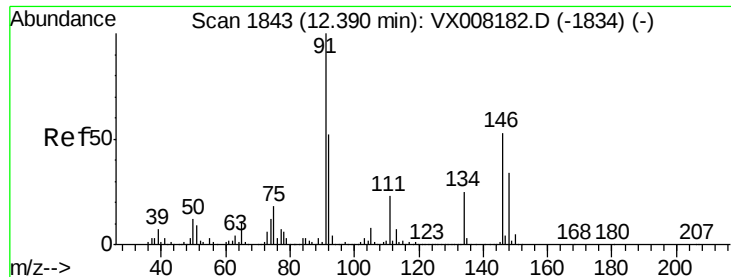
Tot Ion: 91 Resp: 265288
Ion Ratio Lower Upper
91 100
92 52.5 27.0 80.8
134 24.4 13.7 41.0



#90
Hexachloroethane
Concen: 20.001 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008208.D
Acq: 19 Mar 2019 23:28

Tgt Ion: 117 Resp: 50839
Ion Ratio Lower Upper
117 100
201 78.9 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 19.994 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

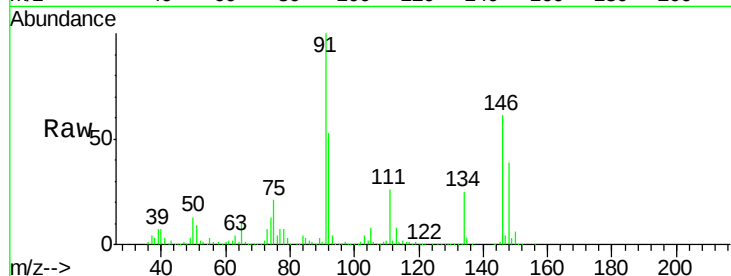
Tot Ion:146 Resp: 153764

Ion Ratio Lower Upper

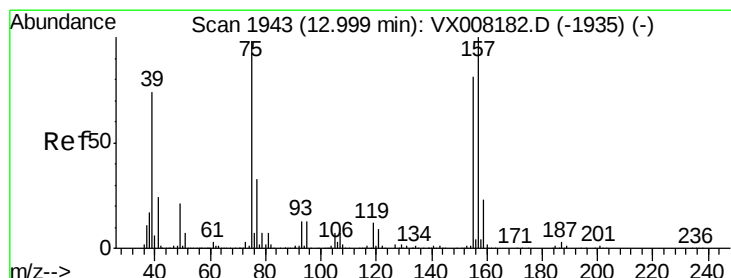
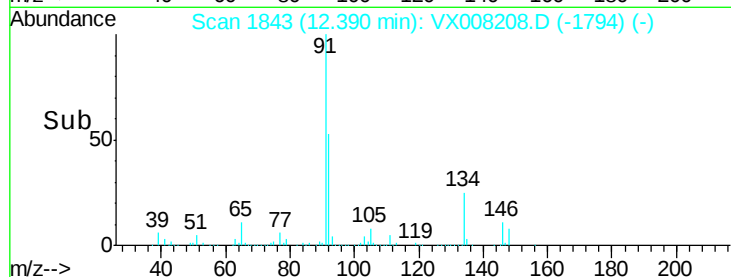
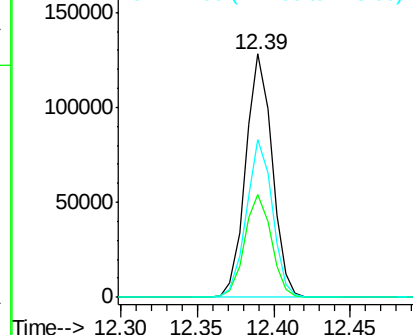
146 100

111 42.7 19.6 58.8

148 63.7 31.9 95.5



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.137 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

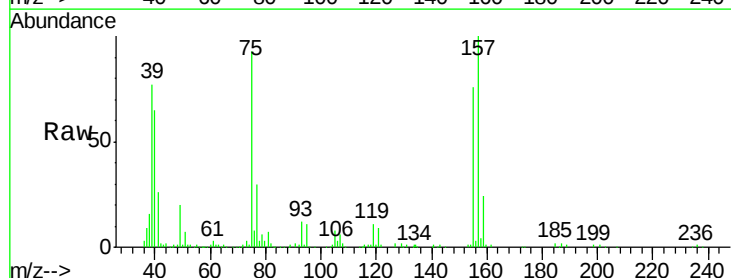
Tgt Ion: 75 Resp: 28310

Ion Ratio Lower Upper

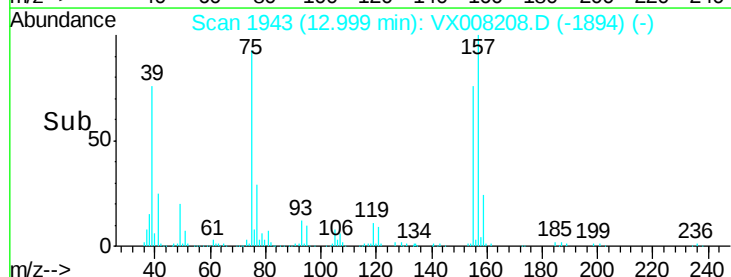
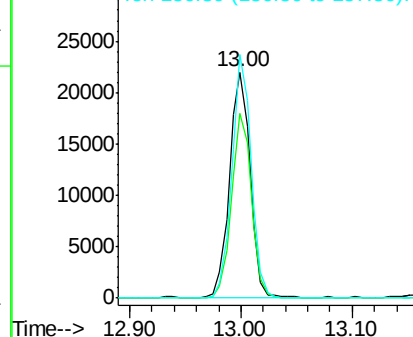
75 100

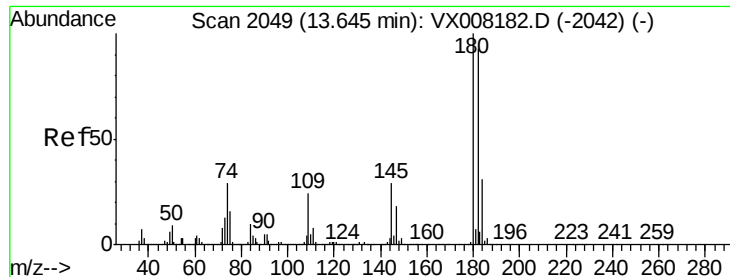
155 77.9 49.7 149.1

157 99.7 63.8 191.4



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

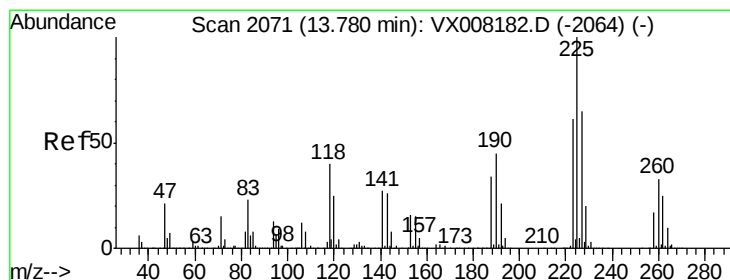
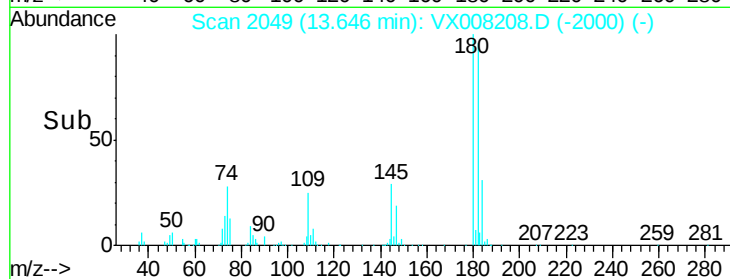
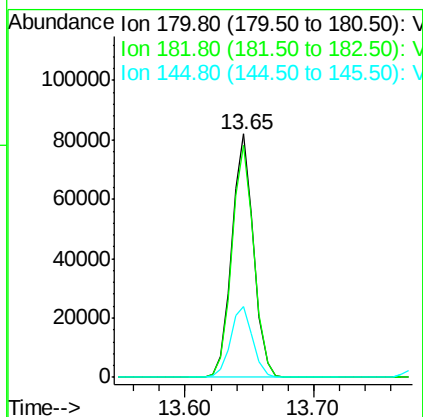
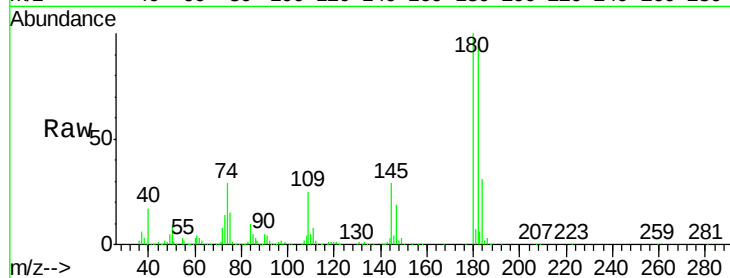




#93
 1,2,4-Trichlorobenzene
 Concen: 19.067 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

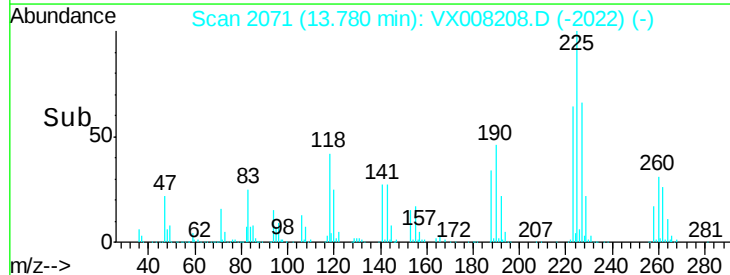
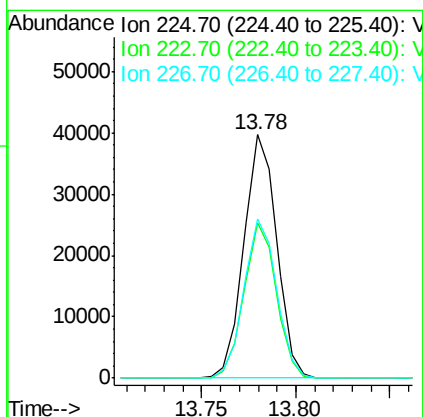
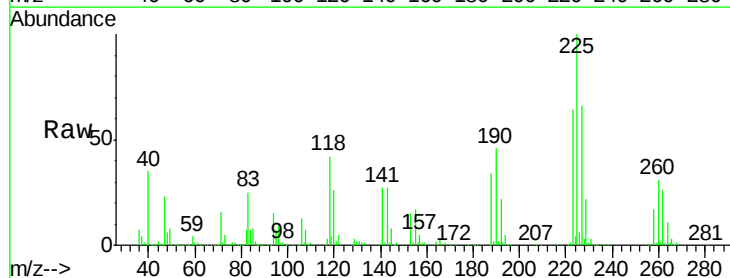
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0319WBS02

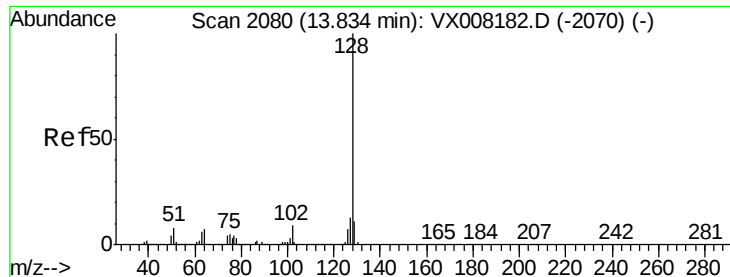
Tot Ion:180 Resp: 96584
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.9 143.7
 145 29.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.419 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008208.D
 Acq: 19 Mar 2019 23:28

Tgt Ion:225 Resp: 47975
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.1 93.2
 227 65.5 32.0 96.0





#95

Naphthalene

Concen: 20.144 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

Instrument :

MSVOA_X

ClientSampleId :

VX0319WBS02

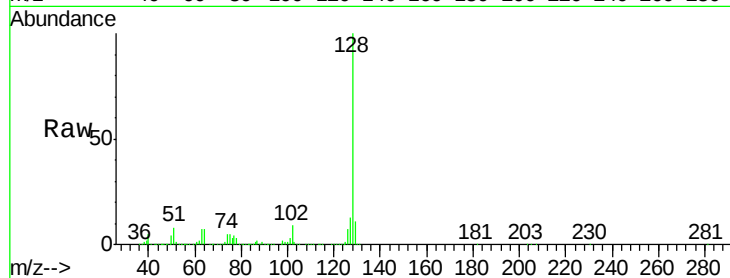
Tot Ion:128 Resp: 322058

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

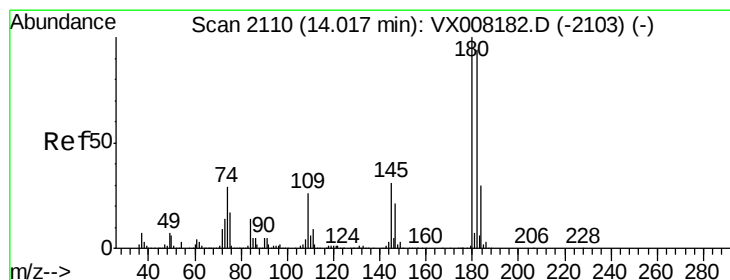
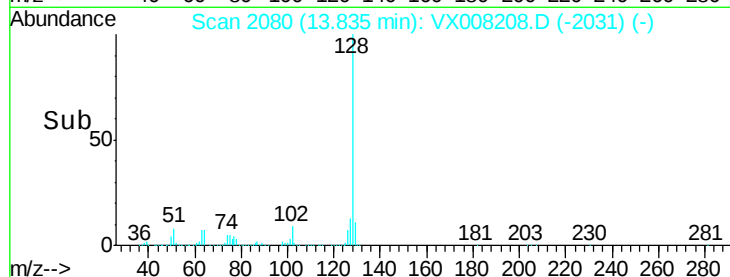
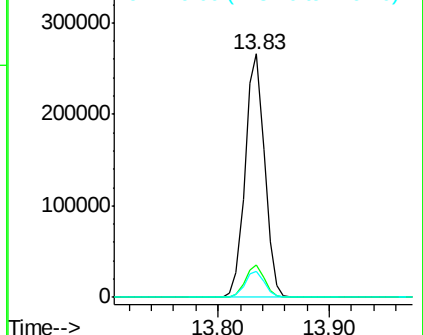
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.896 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX008208.D

Acq: 19 Mar 2019 23:28

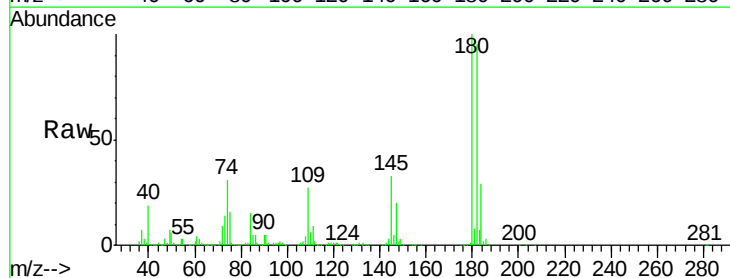
Tgt Ion:180 Resp: 99172

Ion Ratio Lower Upper

180 100

182 95.6 47.5 142.5

145 32.0 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

