

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032119\
 Data File : VX008309.D
 Acq On : 21 Mar 2019 23:41
 Operator : JC/SP
 Sample : VX0321WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

Quant Time: Mar 22 10:10:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	181140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105590	38.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.40%	
35) Dibromofluoromethane	5.50	113	90747	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	312773	45.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.16%	
62) 4-Bromofluorobenzene	11.13	95	108827	45.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	37600	17.121	ug/l	100
3) Chloromethane	1.33	50	34697	12.591	ug/l	100
4) Vinyl Chloride	1.41	62	39155	14.251	ug/l	99
5) Bromomethane	1.64	94	62251	26.598	ug/l	99
6) Chloroethane	1.73	64	24649	14.308	ug/l	98
7) Trichlorofluoromethane	1.93	101	59980	17.106	ug/l	99
8) Diethyl Ether	2.19	74	31896	17.680	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.39	101	39441	16.942	ug/l	99
10) Methyl Iodide	2.51	142	57930	19.543	ug/l	98
11) Tert butyl alcohol	3.04	59	46124	78.976	ug/l	96
12) 1,1-Dichloroethene	2.38	96	39368	17.912	ug/l	95
13) Acrolein	2.29	56	49382	114.419	ug/l	99
14) Allyl chloride	2.73	41	61403	12.834	ug/l #	86
15) Acrylonitrile	3.15	53	112994	73.147	ug/l	98
16) Acetone	2.45	43	102378	66.166	ug/l	99
17) Carbon Disulfide	2.57	76	106965	15.384	ug/l	99
18) Methyl Acetate	2.78	43	55296	15.437	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	129978	16.356	ug/l	95
20) Methylene Chloride	2.86	84	41954	16.260	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	40269	16.960	ug/l	95
22) Diisopropyl ether	3.86	45	130573	13.935	ug/l #	87
23) Vinyl Acetate	3.82	43	573663	71.407	ug/l	96
24) 1,1-Dichloroethane	3.70	63	72744	15.094	ug/l	96
25) 2-Butanone	4.67	43	161038	70.506	ug/l	98
26) 2,2-Dichloropropane	4.59	77	42822	11.795	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	46537	17.193	ug/l	96
28) Bromochloromethane	5.02	49	28526	13.182	ug/l	98
29) Tetrahydrofuran	5.13	42	104861	73.442	ug/l	94
30) Chloroform	5.21	83	75900	16.836	ug/l	99
31) Cyclohexane	5.59	56	65909	14.564	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	64352	17.160	ug/l	98
36) 1,1-Dichloropropene	5.80	75	53670	16.864	ug/l	97
37) Ethyl Acetate	4.84	43	61416	16.325	ug/l	99
38) Carbon Tetrachloride	5.79	117	57470	20.267	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64733	16.902	ug/l	96
40) Benzene	6.15	78	166545	17.681	ug/l	100
41) Methacrylonitrile	5.04	41	34059	16.140	ug/l	97
42) 1,2-Dichloroethane	6.20	62	61765	17.899	ug/l	99
43) Isopropyl Acetate	6.45	43	97405	16.153	ug/l	98
44) Trichloroethene	7.21	130	47213	20.499	ug/l	98
45) 1,2-Dichloropropane	7.51	63	43671	16.561	ug/l	97
46) Dibromomethane	7.66	93	30732	19.249	ug/l	95
47) Bromodichloromethane	7.90	83	56496	18.568	ug/l	98
48) Methyl methacrylate	7.77	41	49464	15.427	ug/l #	92
49) 1,4-Dioxane	7.74	88	21963	388.164	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	323053	82.866	ug/l	100
52) Toluene	8.78	92	101927	18.239	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	54367	15.284	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	60174	15.935	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	42816	18.963	ug/l	96
56) Ethyl methacrylate	9.18	69	62200	16.066	ug/l #	94
57) 1,3-Dichloropropane	9.37	76	71435	17.885	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	141884	76.696	ug/l	97
59) 2-Hexanone	9.49	43	245827	81.905	ug/l	99
60) Dibromochloromethane	9.58	129	45657	21.041	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45886	19.463	ug/l	100
64) Tetrachloroethene	9.34	164	45087	21.030	ug/l	96
65) Chlorobenzene	10.14	112	111798	19.120	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	42334	20.765	ug/l	99
67) Ethyl Benzene	10.25	91	188810	18.324	ug/l	100
68) m/p-Xylenes	10.36	106	146515	38.709	ug/l	99
69) o-Xylene	10.70	106	71265	19.376	ug/l	100
70) Styrene	10.71	104	113095	18.921	ug/l	98
71) Bromoform	10.85	173	34549	21.004	ug/l #	99
73) Isopropylbenzene	11.02	105	187725	18.881	ug/l	99
74) N-amyl acetate	10.90	43	80208	15.397	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	65988	18.509	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	72783	23.199	ug/l	91
77) Bromobenzene	11.26	156	49768	20.703	ug/l	99
78) n-propylbenzene	11.36	91	204106	17.675	ug/l	100
79) 2-Chlorotoluene	11.42	91	122986	17.744	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	152167	18.525	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	15627	13.770	ug/l	87
82) 4-Chlorotoluene	11.51	91	142411	17.657	ug/l	99
83) tert-Butylbenzene	11.77	119	150227	19.156	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	155568	18.681	ug/l	100
85) sec-Butylbenzene	11.94	105	180094	18.544	ug/l	100
86) p-Isopropyltoluene	12.06	119	158371	18.839	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	85377	19.873	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	83786	18.854	ug/l	98
89) n-Butylbenzene	12.39	91	132239	16.760	ug/l	99
90) Hexachloroethane	12.60	117	27355	19.106	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	85741	19.793	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14535	18.355	ug/l	90

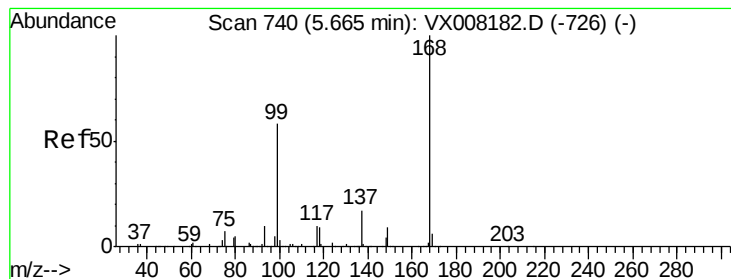
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Quant Title : SW846 8260
QLast Update : Tue Mar 19 13:15:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57317	20.088	ug/l	99
94) Hexachlorobutadiene	13.78	225	29361	21.099	ug/l	99
95) Naphthalene	13.83	128	178331	19.802	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	58637	20.885	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

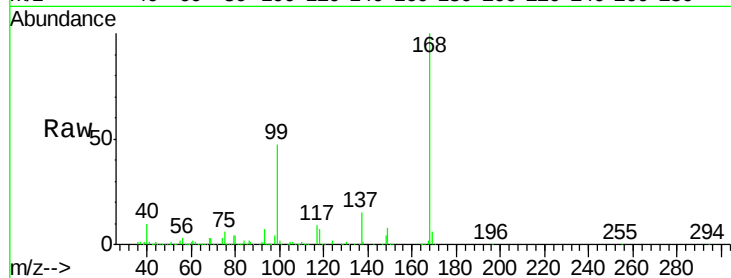
VX0321WBSD02

Tot Ion:168 Resp: 181140

Ion Ratio Lower Upper

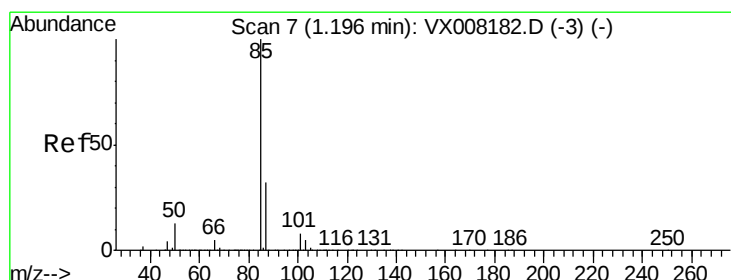
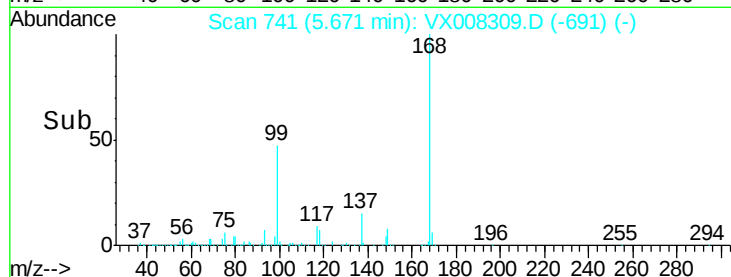
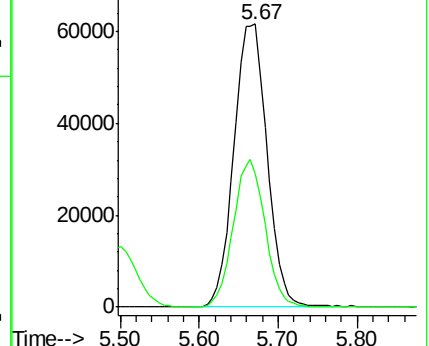
168 100

99 47.2 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.121 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008309.D

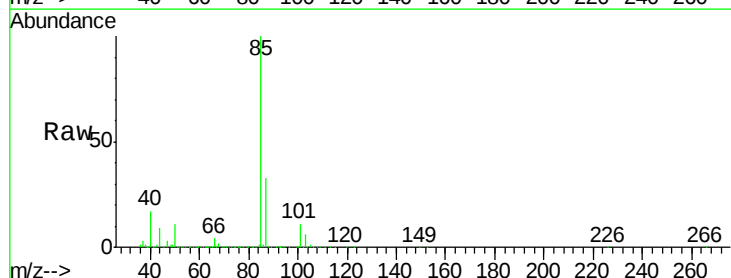
Acq: 21 Mar 2019 23:41

Tgt Ion: 85 Resp: 37600

Ion Ratio Lower Upper

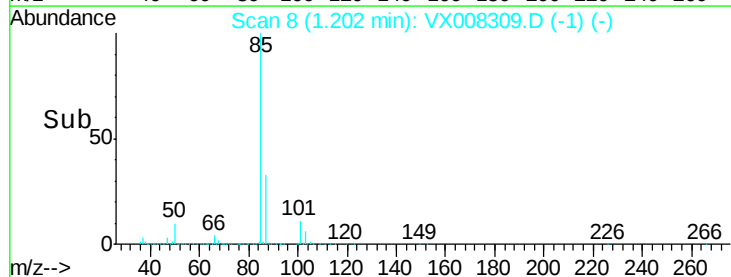
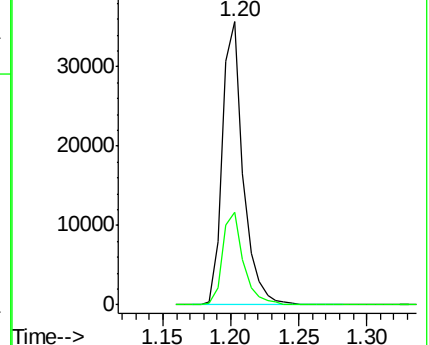
85 100

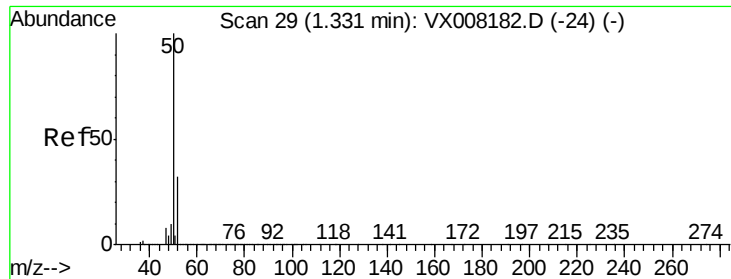
87 32.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 12.591 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

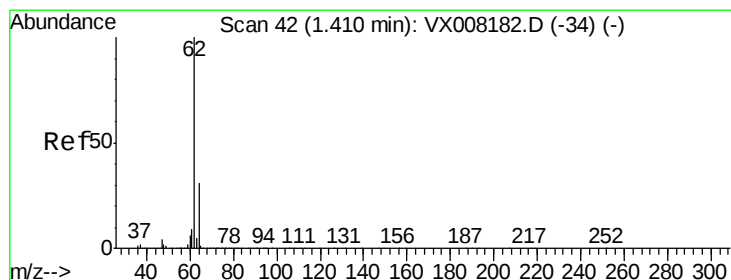
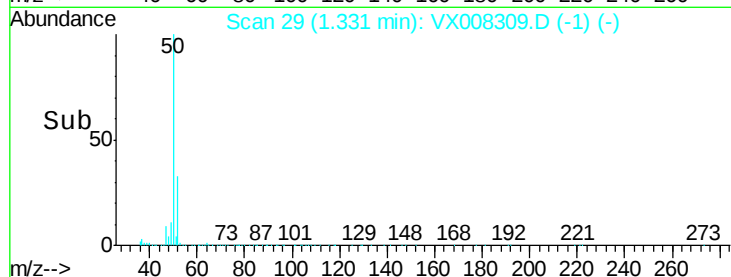
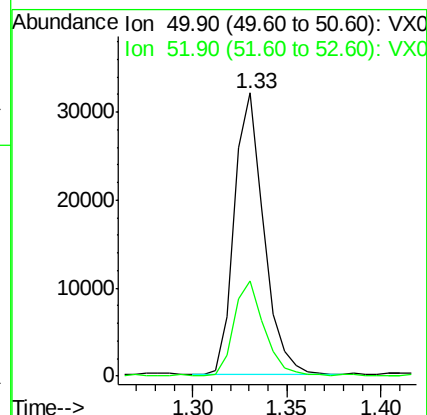
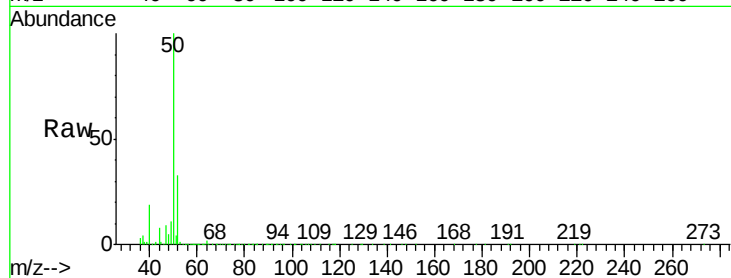
VX0321WBSD02

Tot Ion: 50 Resp: 34697

Ion Ratio Lower Upper

50 100

52 33.3 26.5 39.7



#4

Vinyl Chloride

Concen: 14.251 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008309.D

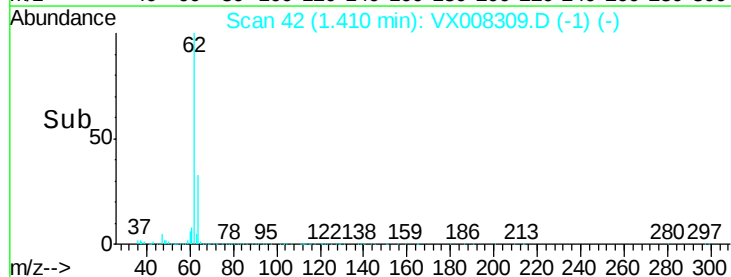
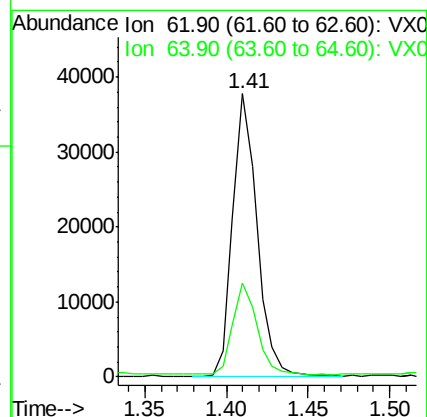
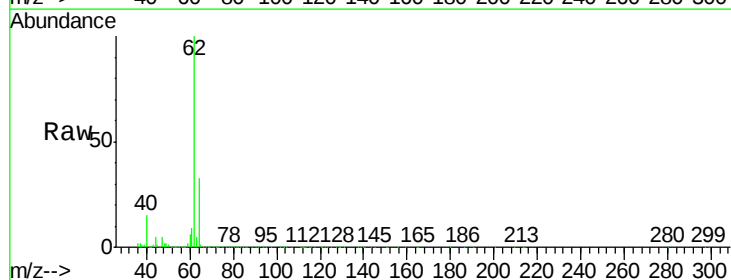
Acq: 21 Mar 2019 23:41

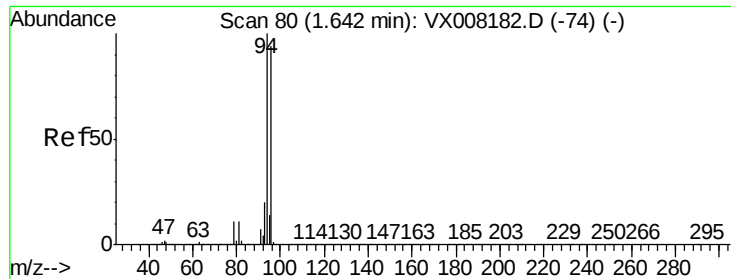
Tgt Ion: 62 Resp: 39155

Ion Ratio Lower Upper

62 100

64 32.3 25.3 37.9





#5

Bromomethane

Concen: 26.598 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

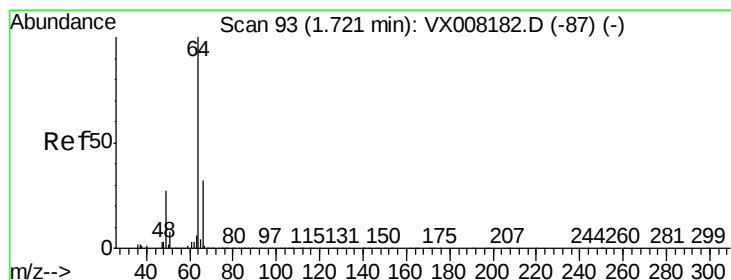
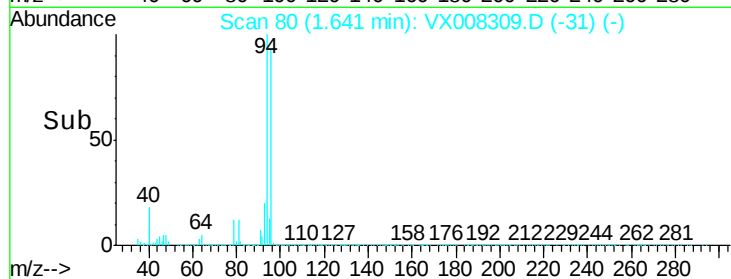
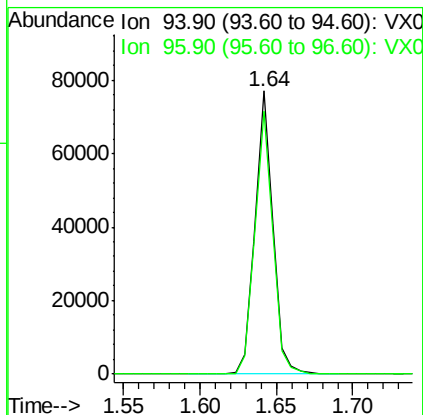
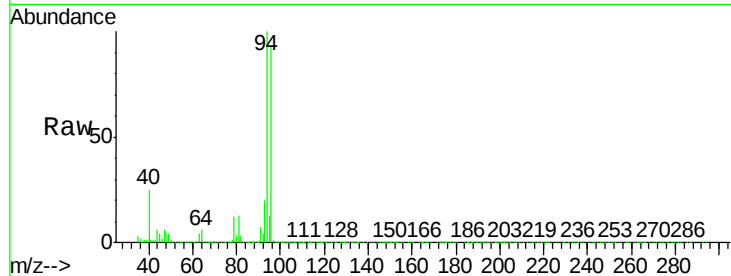
VX0321WBSD02

Tot Ion: 94 Resp: 62251

Ion Ratio Lower Upper

94 100

96 93.0 75.5 113.3



#6

Chloroethane

Concen: 14.308 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008309.D

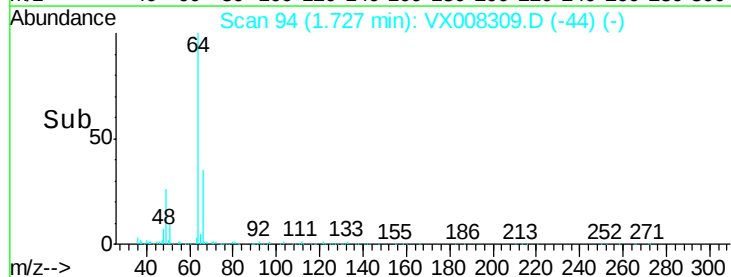
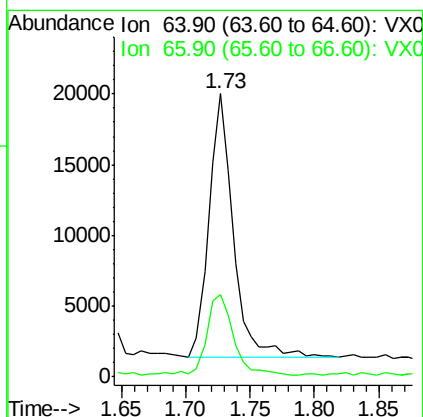
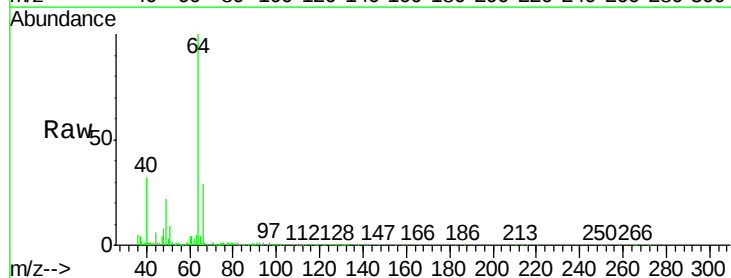
Acq: 21 Mar 2019 23:41

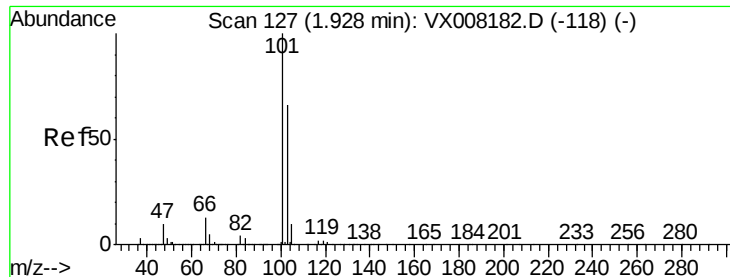
Tgt Ion: 64 Resp: 24649

Ion Ratio Lower Upper

64 100

66 30.3 25.2 37.8



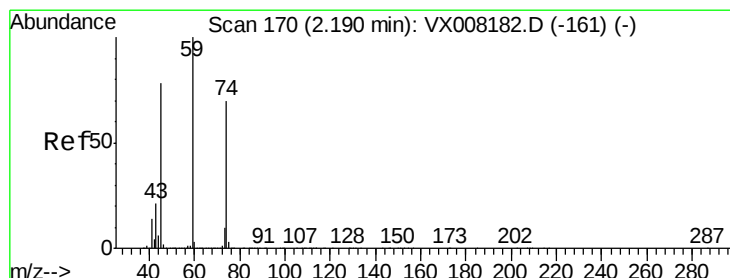
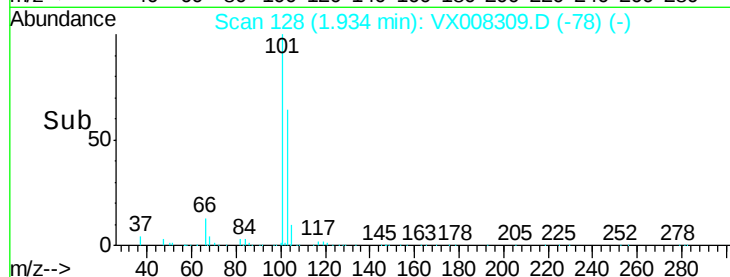
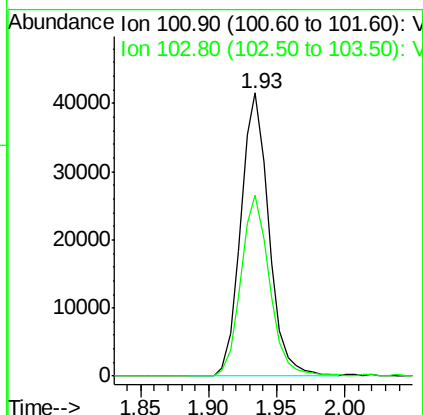
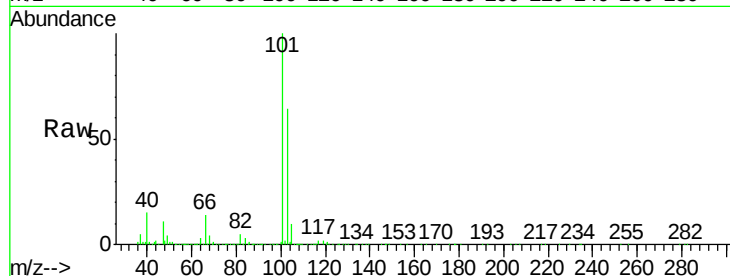


#7

Trichlorofluoromethane
Concen: 17.106 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

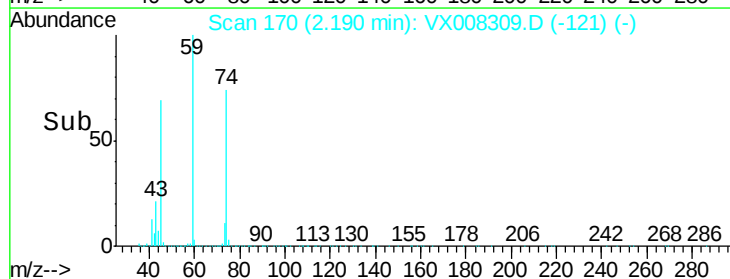
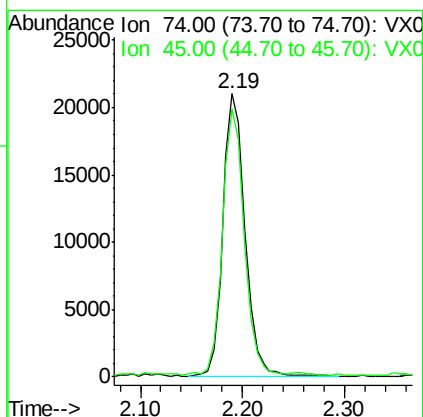
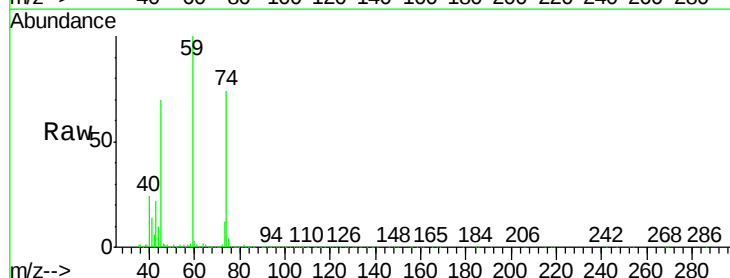
Tot Ion:101 Resp: 59980
Ion Ratio Lower Upper
101 100
103 63.8 50.4 75.6

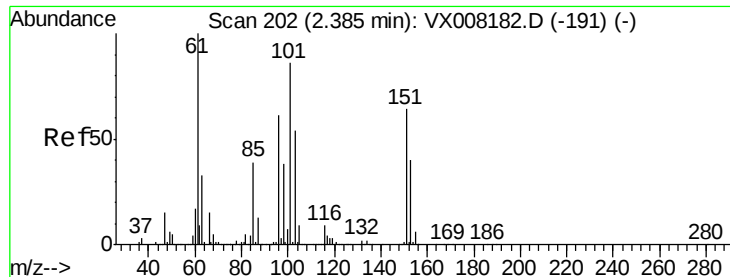


#8

Diethyl Ether
Concen: 17.680 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 74 Resp: 31896
Ion Ratio Lower Upper
74 100
45 91.6 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.942 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

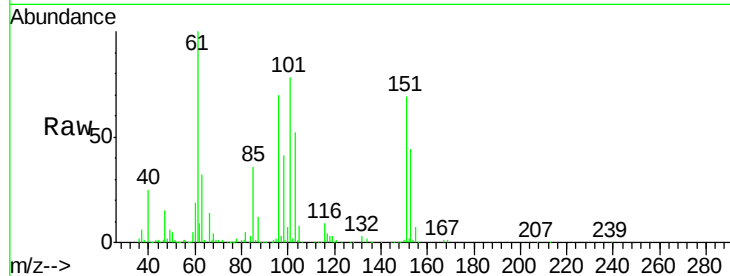
Tot Ion:101 Resp: 39441

Ion Ratio Lower Upper

101 100

85 44.7 33.8 50.6

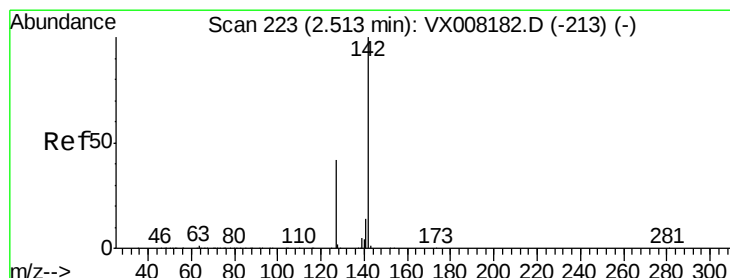
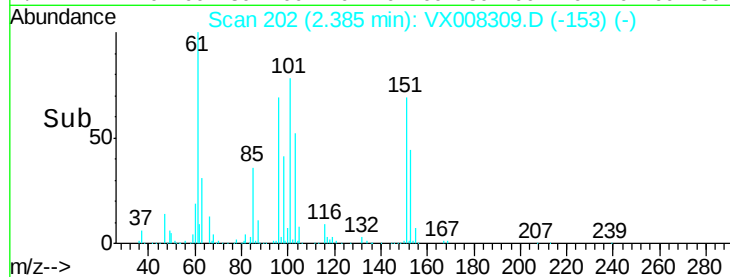
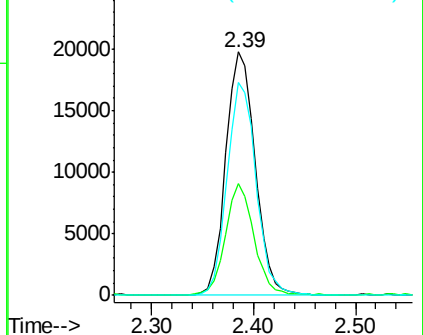
151 86.2 69.1 103.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.543 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

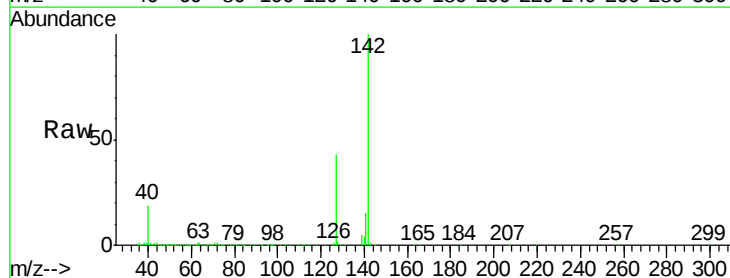
Tgt Ion:142 Resp: 57930

Ion Ratio Lower Upper

142 100

127 41.8 32.1 48.1

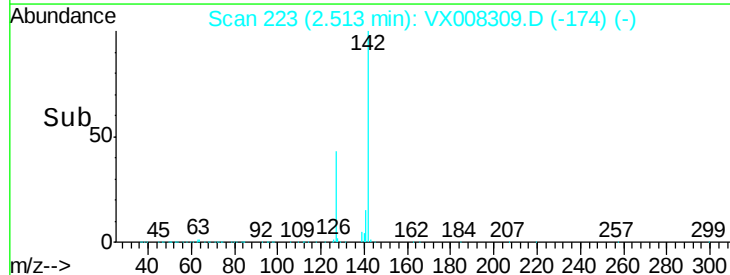
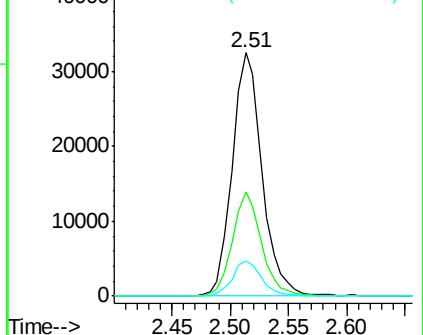
141 14.3 11.4 17.2

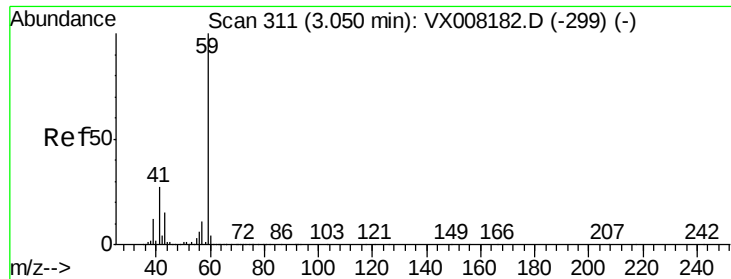


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

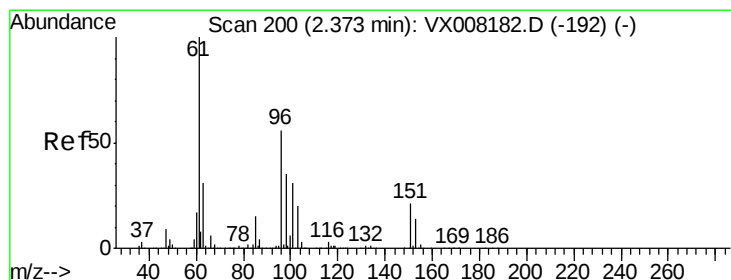
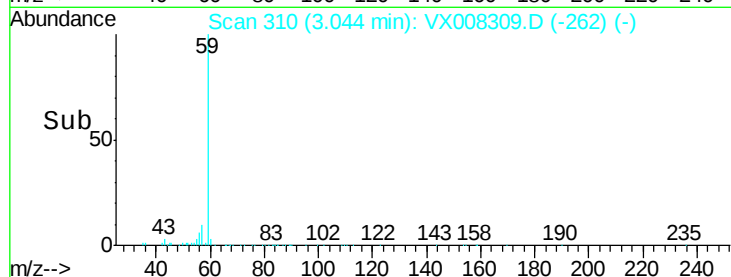
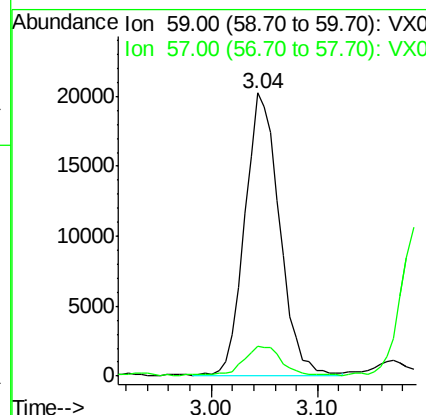
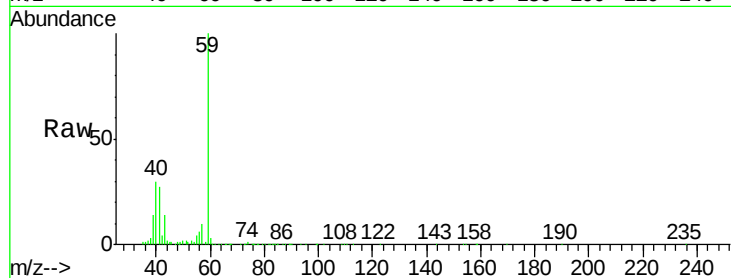




#11
Tert butyl alcohol
Concen: 78.976 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

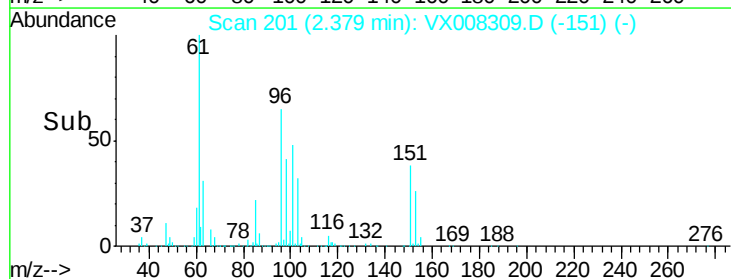
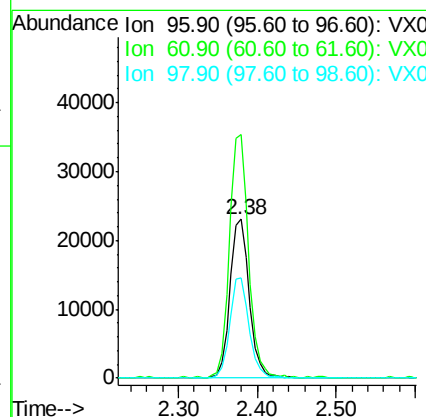
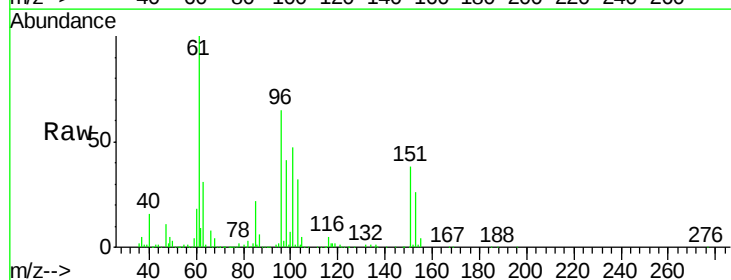
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

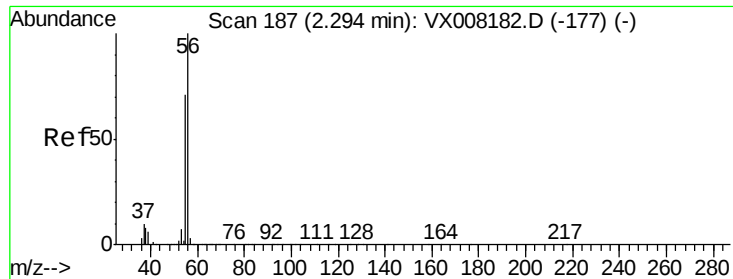
Tot Ion: 59 Resp: 46124
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.912 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 96 Resp: 39368
Ion Ratio Lower Upper
96 100
61 152.8 129.8 194.6
98 63.3 51.0 76.6





#13

Acrolein

Concen: 114.419 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

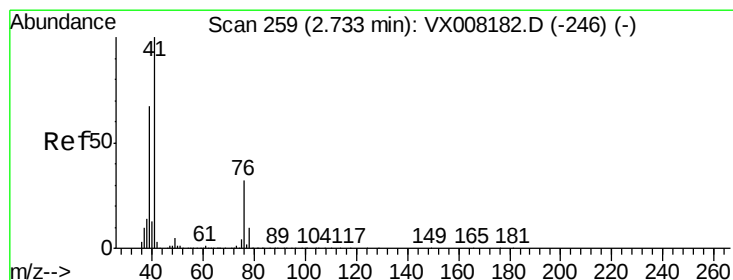
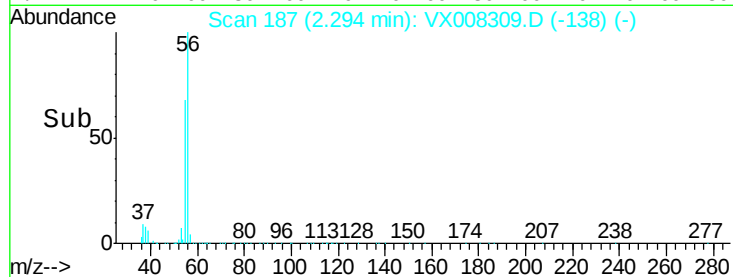
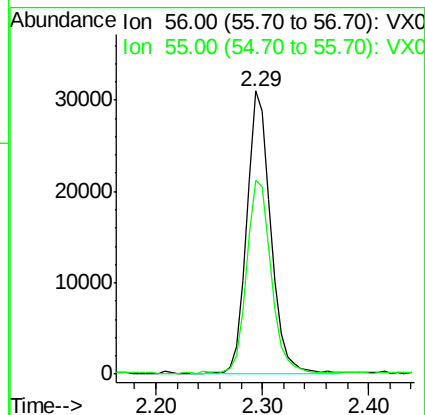
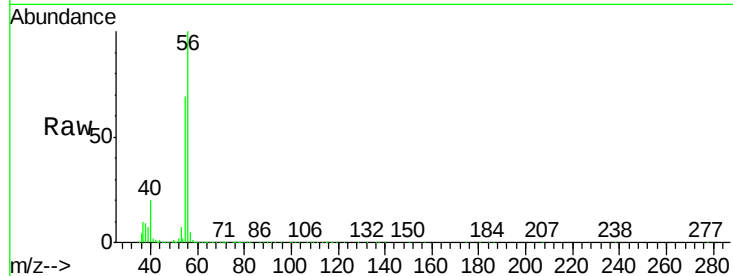
VX0321WBSD02

Tot Ion: 56 Resp: 49382

Ion Ratio Lower Upper

56 100

55 71.6 57.8 86.6



#14

Allyl chloride

Concen: 12.834 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.01 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

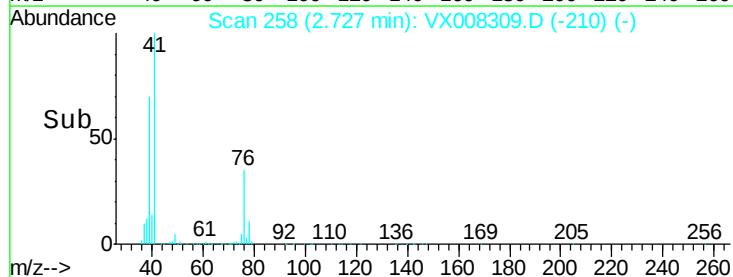
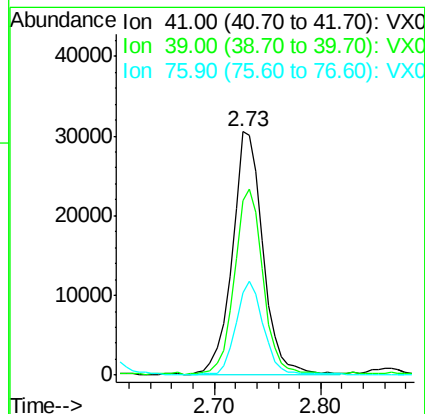
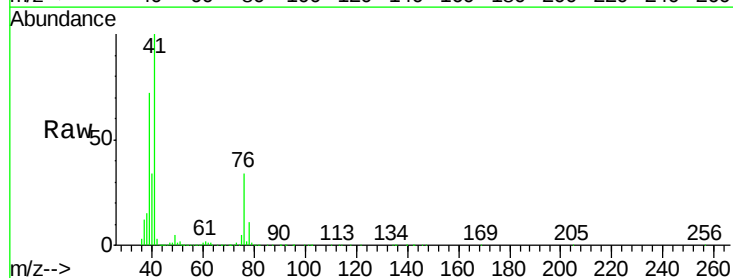
Tgt Ion: 41 Resp: 61403

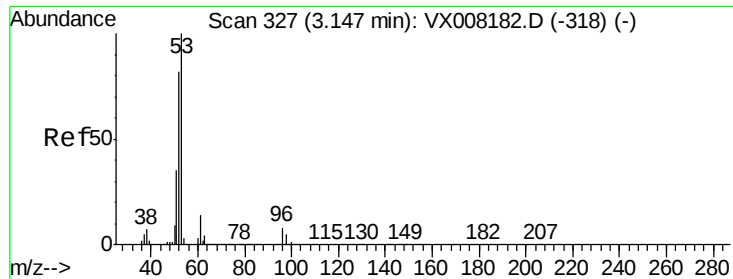
Ion Ratio Lower Upper

41 100

39 70.9 46.1 69.1#

76 34.0 24.0 36.0





#15

Acrylonitrile

Concen: 73.147 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampled :

VX0321WBSD02

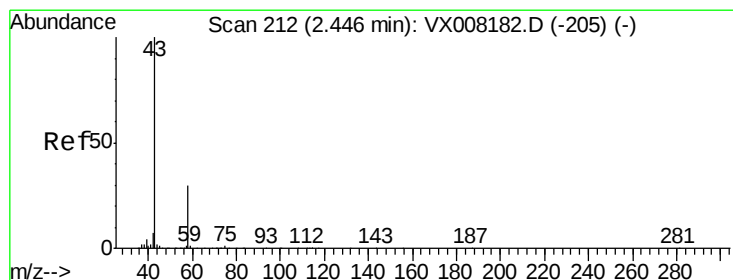
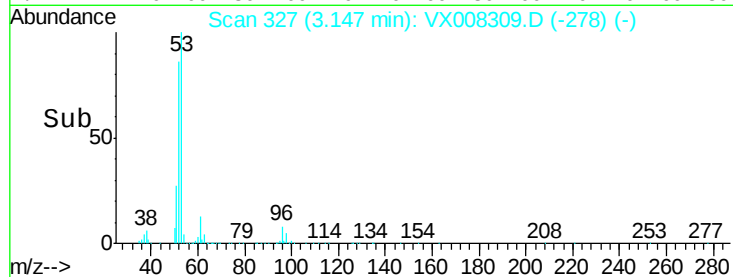
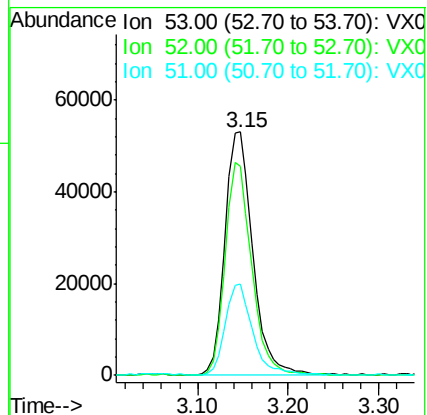
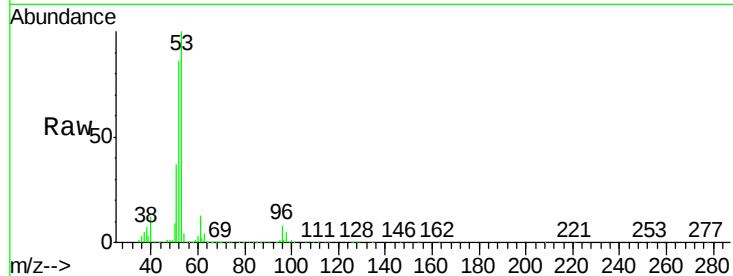
Tot Ion: 53 Resp: 112994

Ion Ratio Lower Upper

53 100

52 84.5 66.0 99.0

51 36.5 28.0 42.0



#16

Acetone

Concen: 66.166 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008309.D

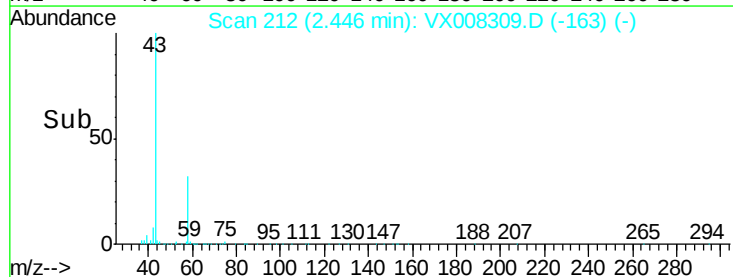
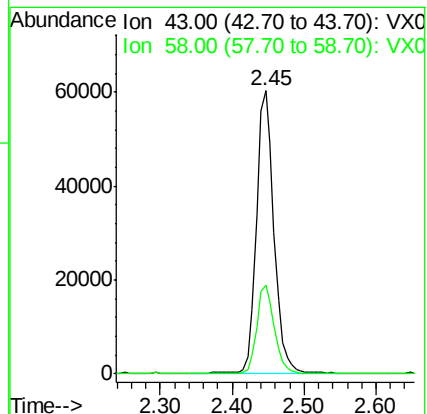
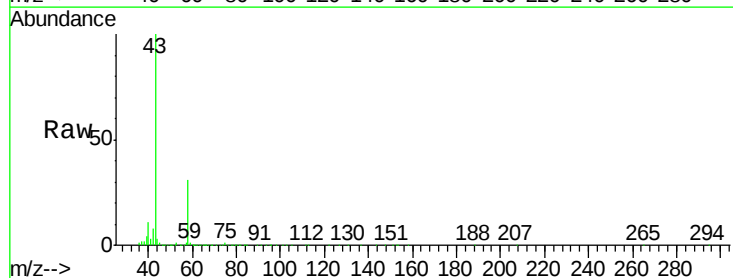
Acq: 21 Mar 2019 23:41

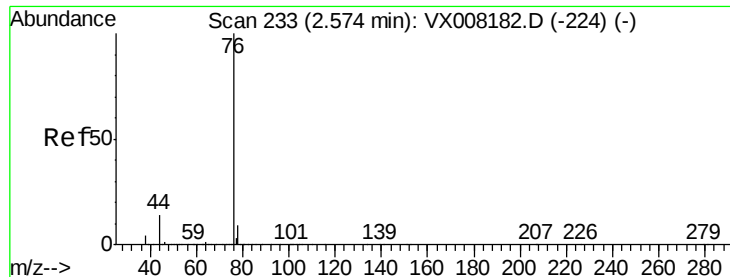
Tgt Ion: 43 Resp: 102378

Ion Ratio Lower Upper

43 100

58 31.4 25.5 38.3

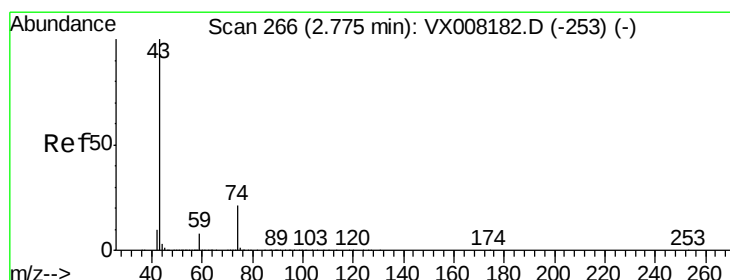
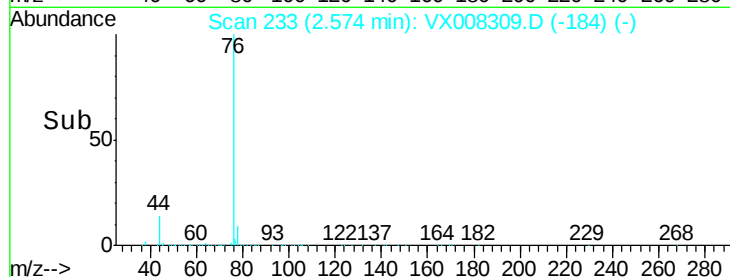
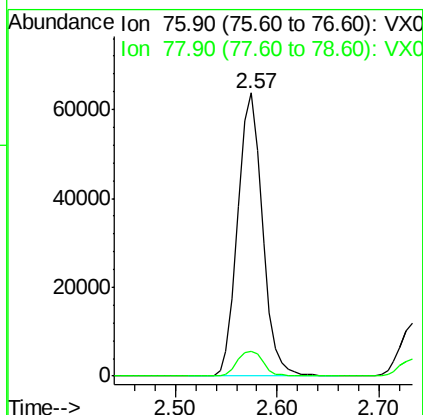
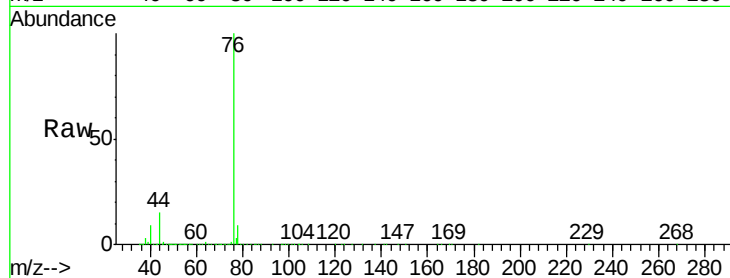




#17
Carbon Disulfide
Concen: 15.384 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

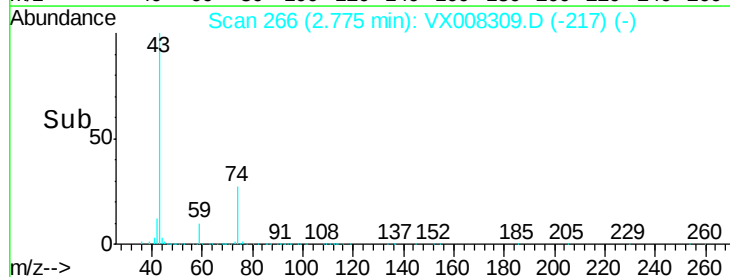
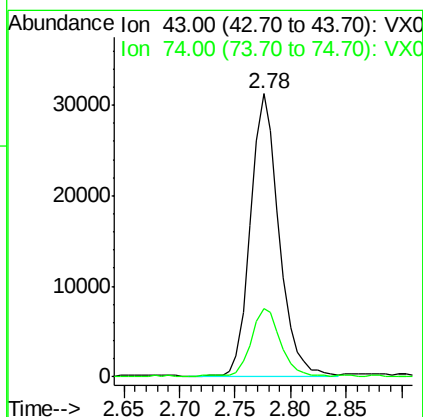
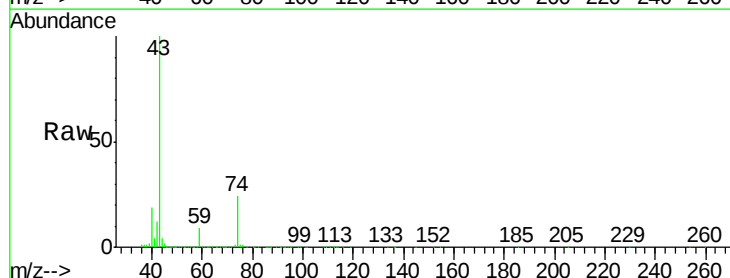
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

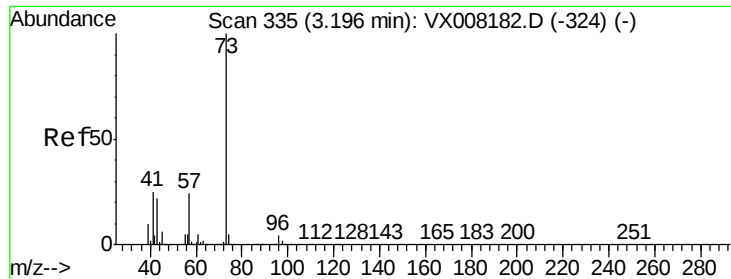
Tot Ion: 76 Resp: 106965
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 15.437 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 43 Resp: 55296
Ion Ratio Lower Upper
43 100
74 25.3 17.8 26.6

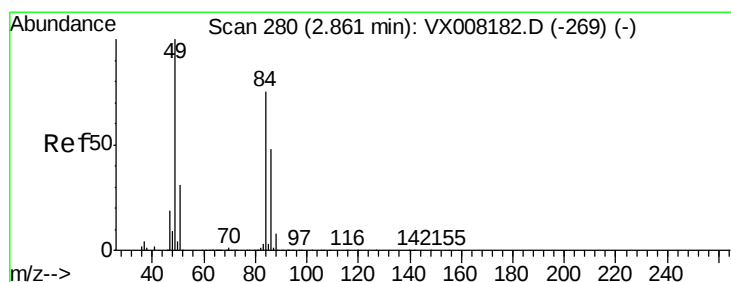
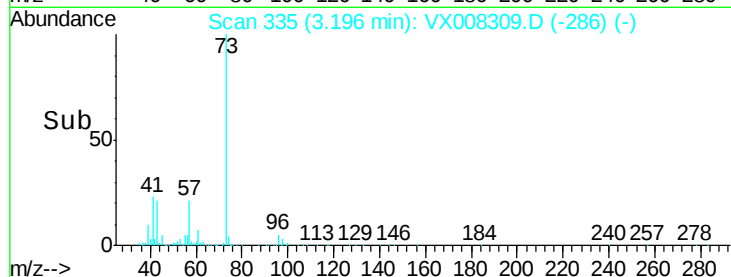
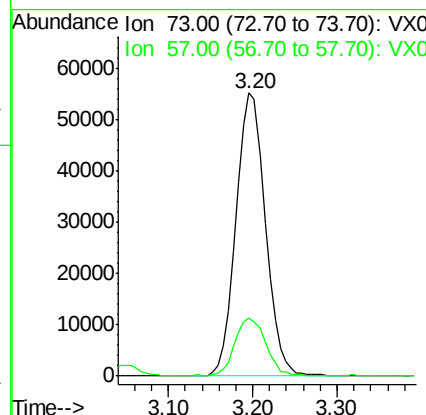
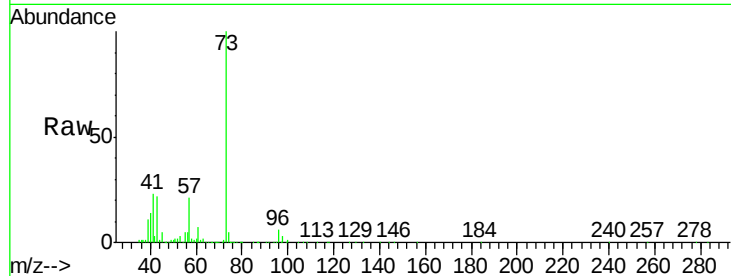




#19
Methvl tert-butvl Ether
Concen: 16.356 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

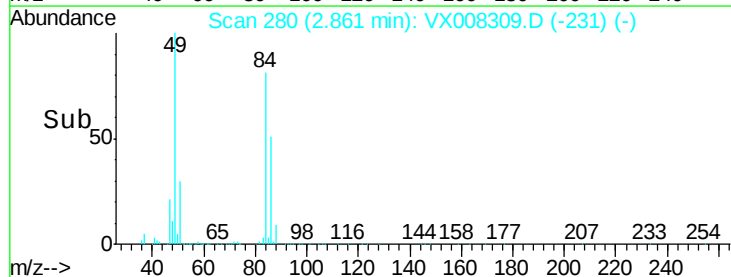
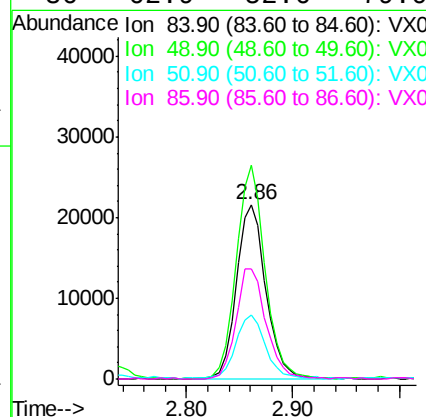
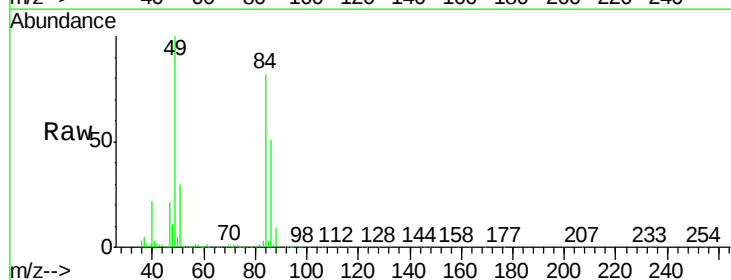
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

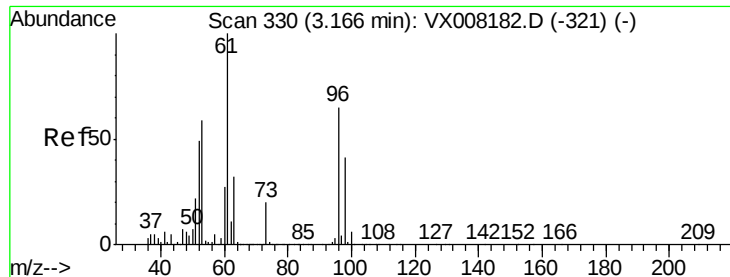
Tot Ion: 73 Resp: 129978
Ion Ratio Lower Upper
73 100
57 20.5 18.2 27.4



#20
Methylene Chloride
Concen: 16.260 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 84 Resp: 41954
Ion Ratio Lower Upper
84 100
49 122.4 99.3 148.9
51 36.5 31.3 46.9
86 62.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 16.960 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

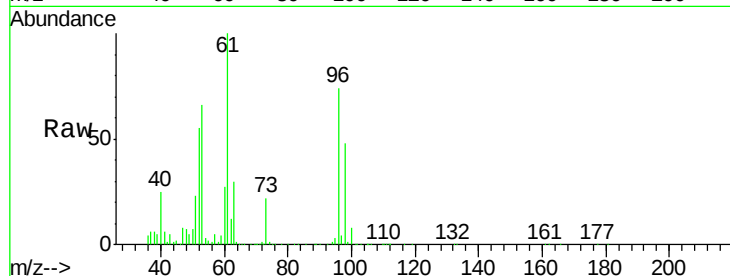
Tot Ion: 96 Resp: 40269

Ion Ratio Lower Upper

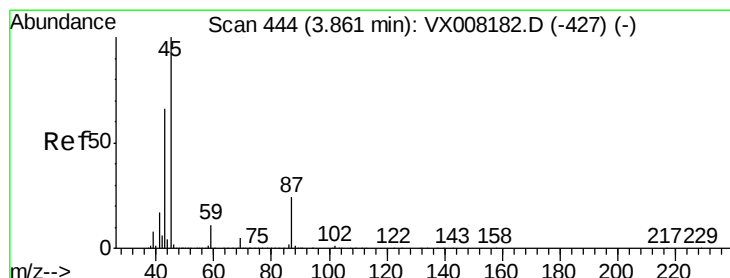
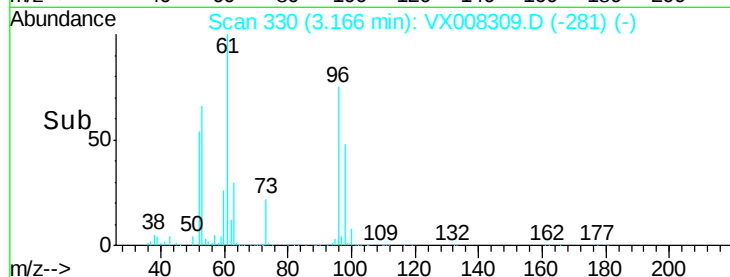
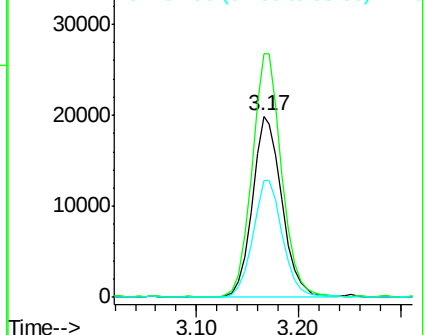
96 100

61 133.8 114.4 171.6

98 64.3 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: 13.935 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Tgt Ion: 45 Resp: 130573

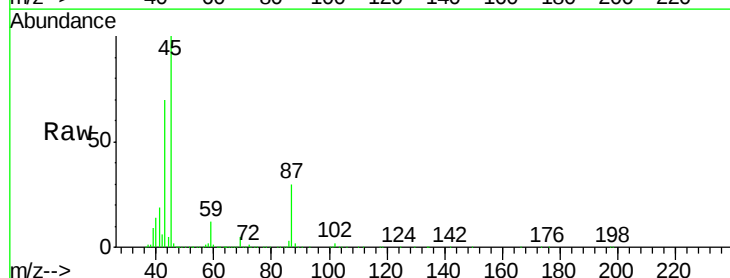
Ion Ratio Lower Upper

45 100

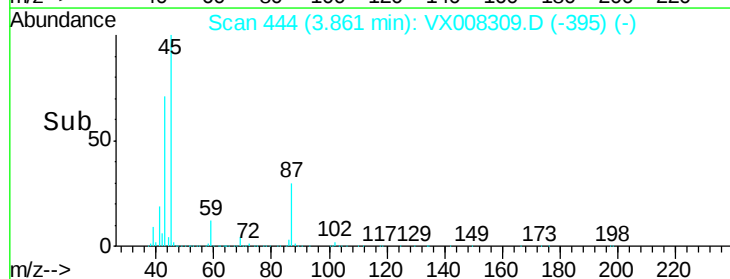
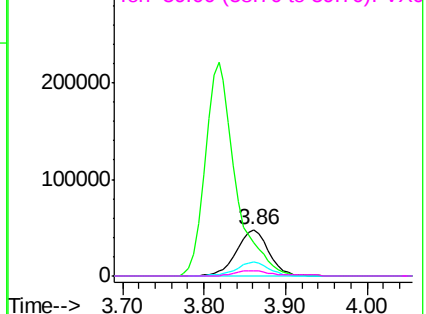
43 70.0 45.3 67.9#

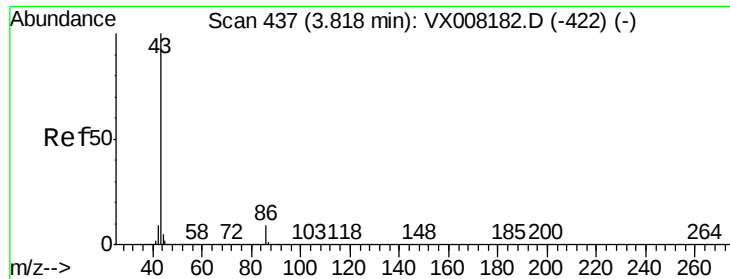
87 30.3 21.4 32.0

59 12.0 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: 71.407 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

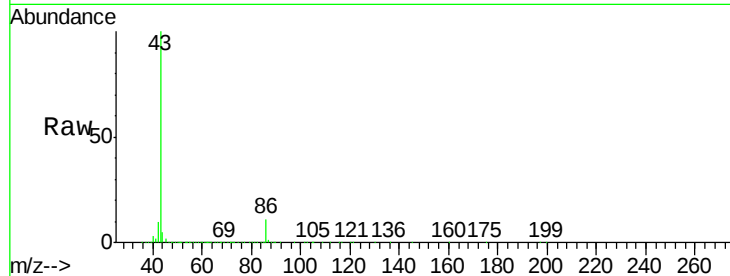
VX0321WBSD02

Tot Ion: 43 Resp: 573663

Ion Ratio Lower Upper

43 100

86 11.4 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

250000

200000

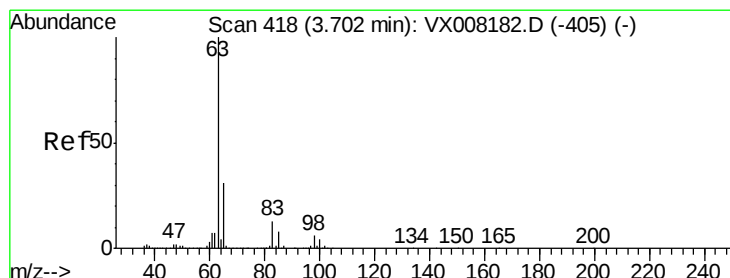
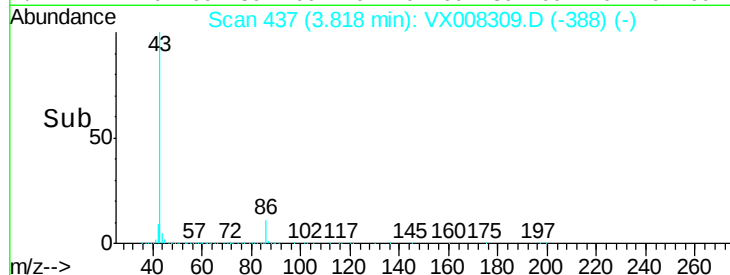
150000

100000

50000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 15.094 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

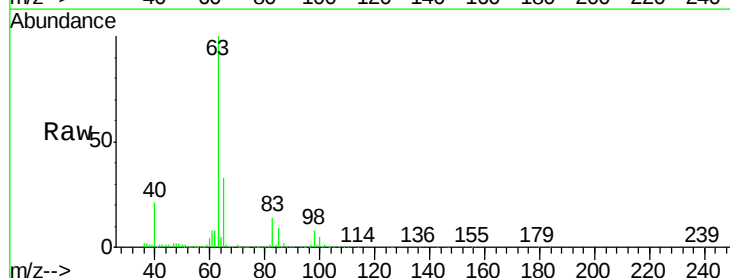
Tgt Ion: 63 Resp: 72744

Ion Ratio Lower Upper

63 100

98 8.1 3.3 9.8

100 5.2 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

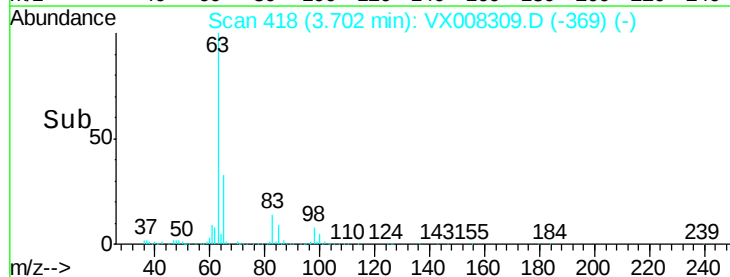
30000

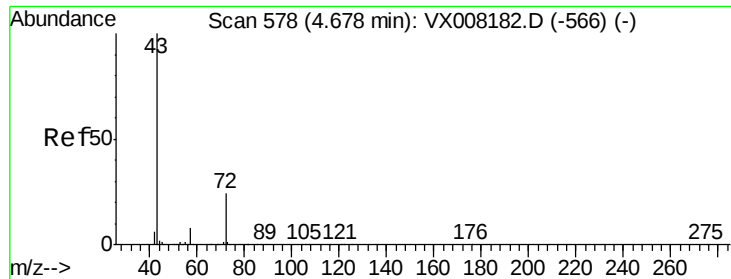
20000

10000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 70.506 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

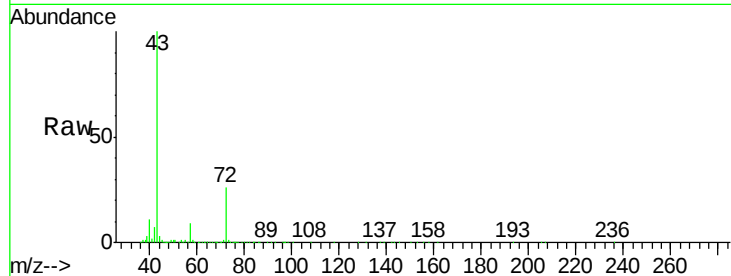
VX0321WBSD02

Tot Ion: 43 Resp: 161038

Ion Ratio Lower Upper

43 100

72 25.8 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

60000

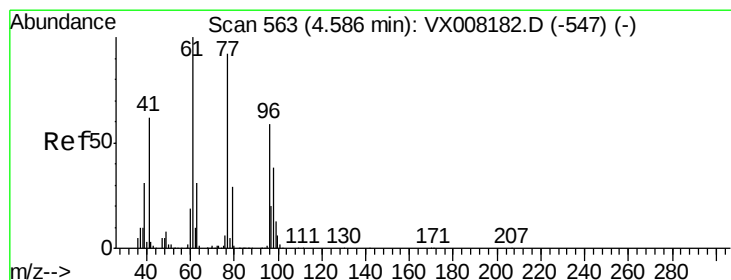
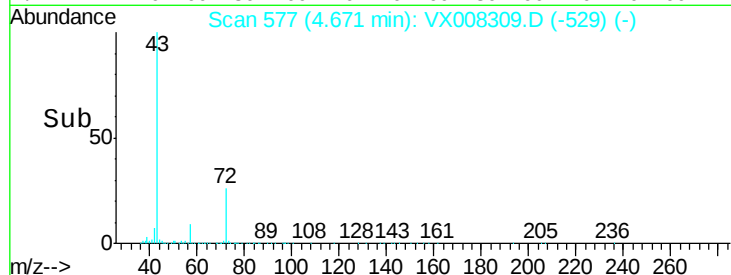
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 11.795 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008309.D

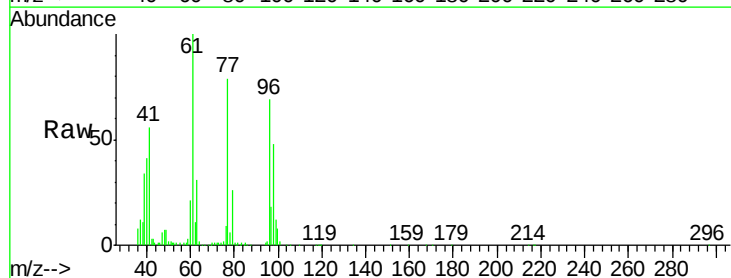
Acq: 21 Mar 2019 23:41

Tgt Ion: 77 Resp: 42822

Ion Ratio Lower Upper

77 100

97 25.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

15000

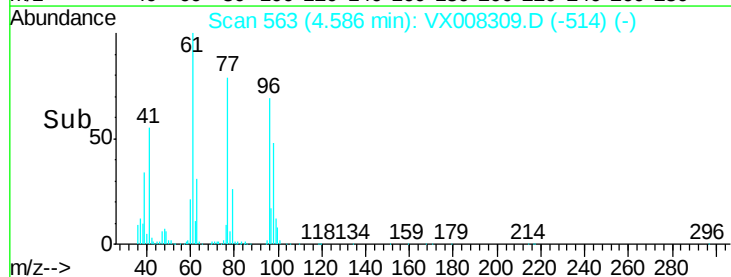
10000

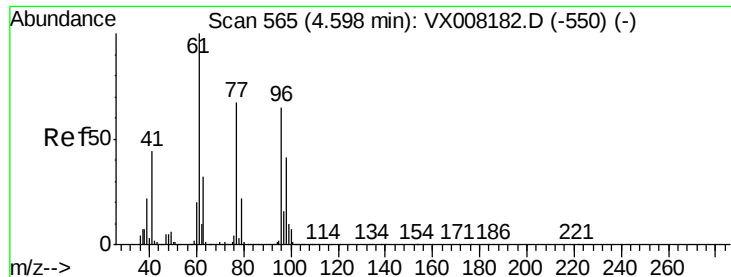
5000

0

4.40 4.50 4.60 4.70

Time-->



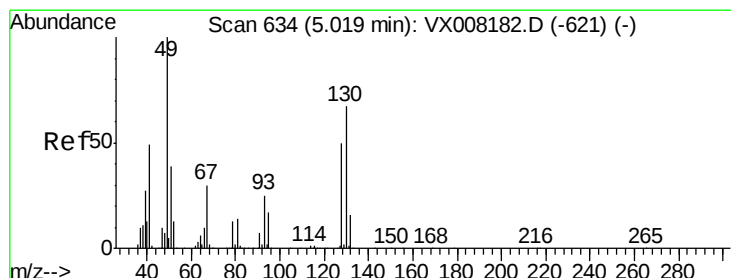
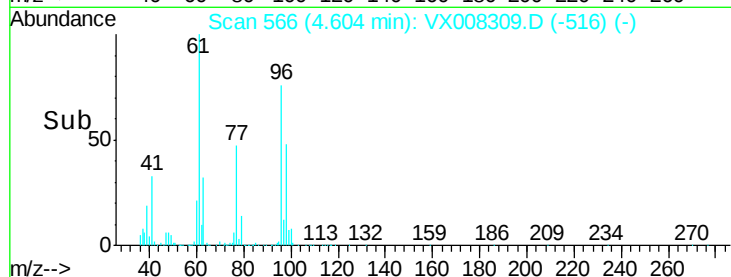
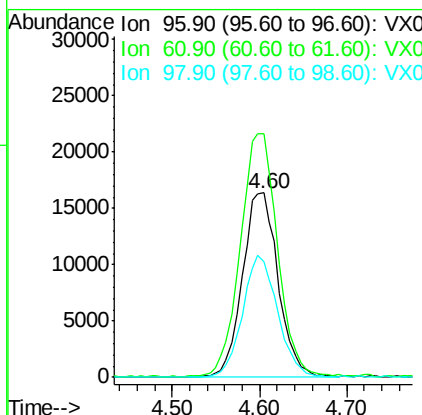
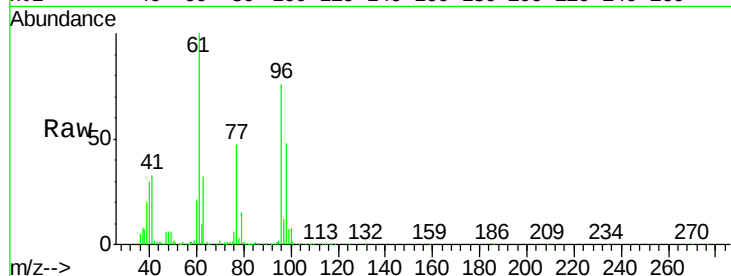


#27

cis-1,2-Dichloroethene
Concen: 17.193 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

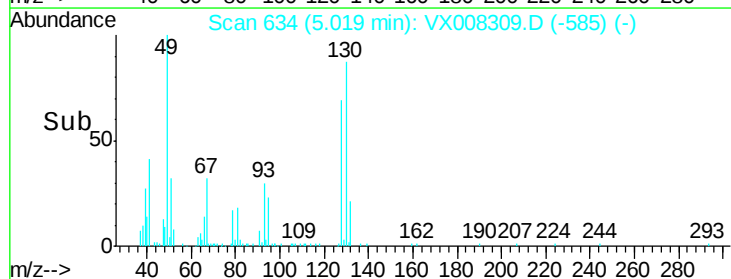
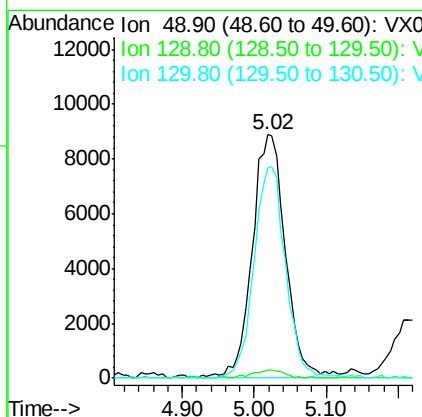
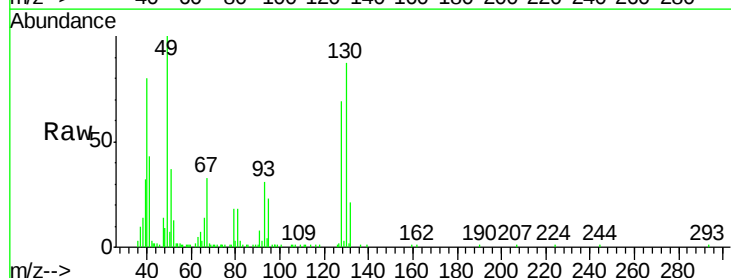
Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	288.0
98	63.8	0.0	129.0

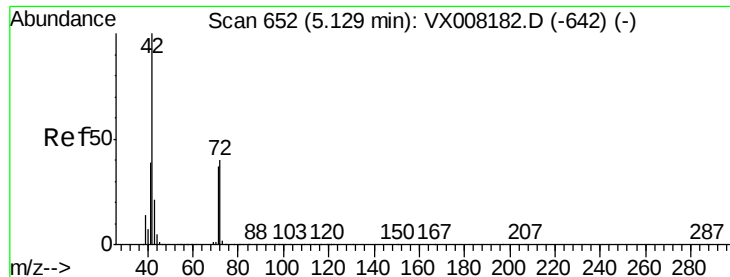


#28

Bromochloromethane
Concen: 13.182 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.0
130	82.5	65.0	97.4





#29

Tetrahydrofuran

Concen: 73.442 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

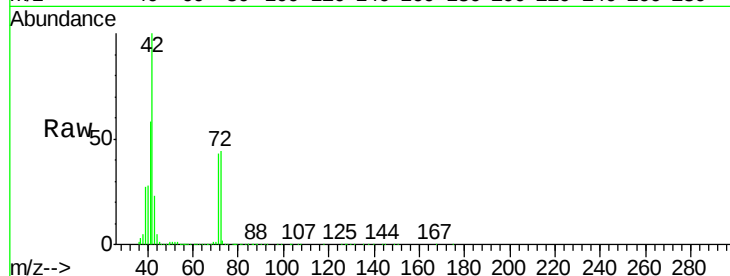
Tot Ion: 42 Resp: 104861

Ion Ratio Lower Upper

42 100

72 46.6 33.8 50.6

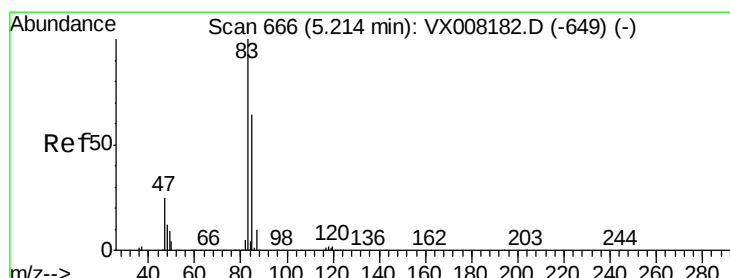
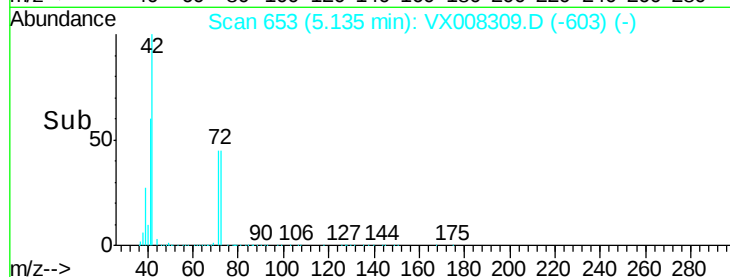
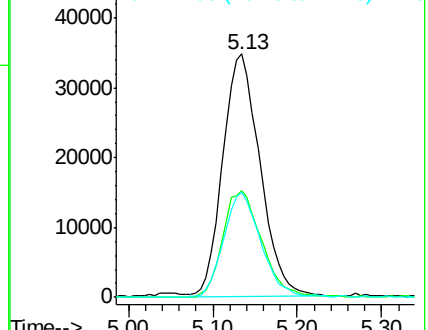
71 42.5 31.5 47.3



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: 16.836 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008309.D

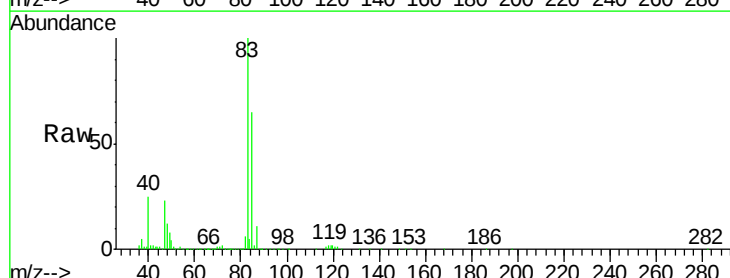
Acq: 21 Mar 2019 23:41

Tgt Ion: 83 Resp: 75900

Ion Ratio Lower Upper

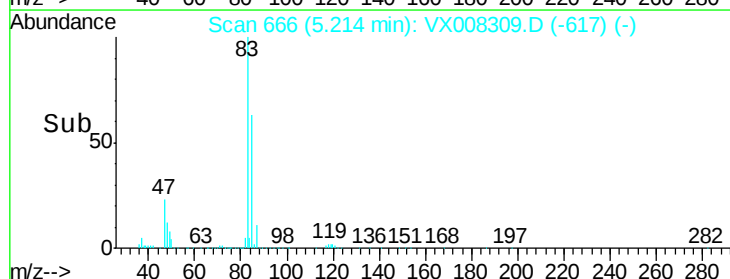
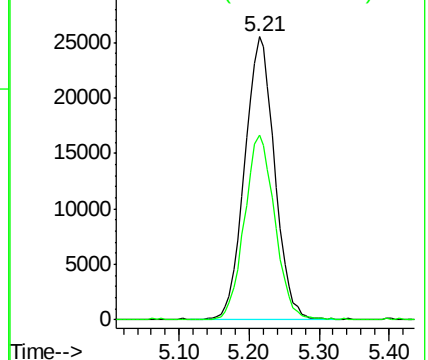
83 100

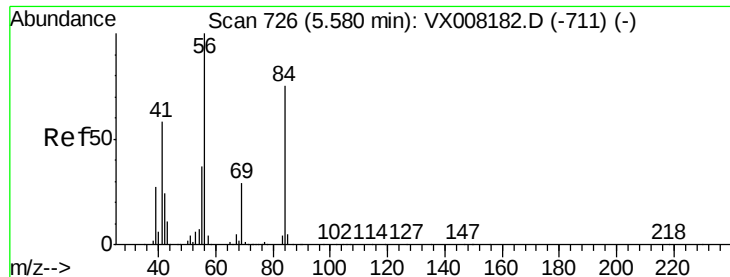
85 65.3 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

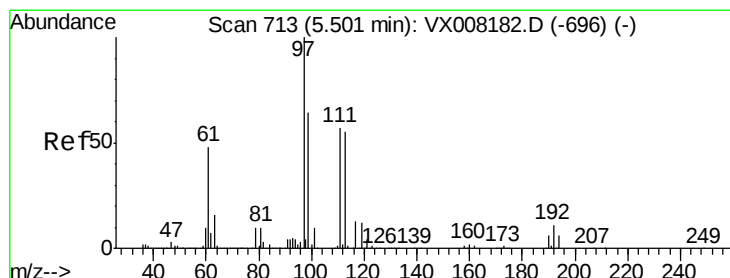
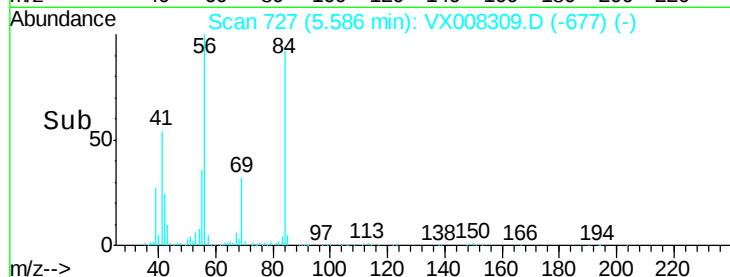
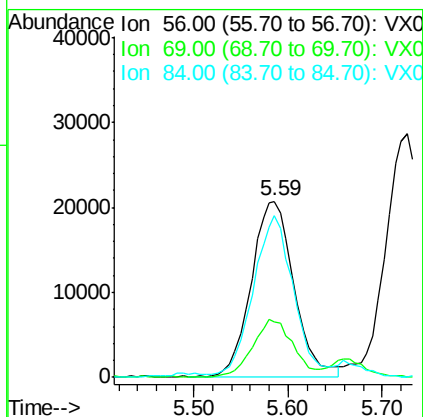
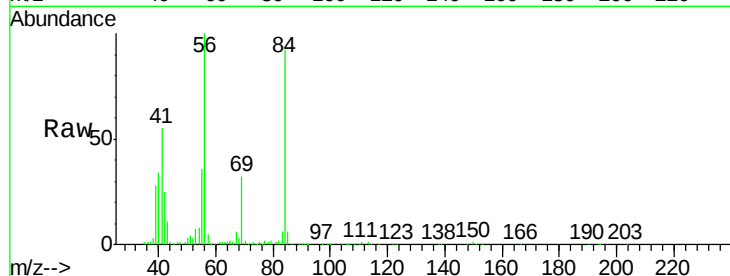




#31
Cyclohexane
Concen: 14.564 ug/l
RT: 5.59 min Scan# 727
Delta R.T. 0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

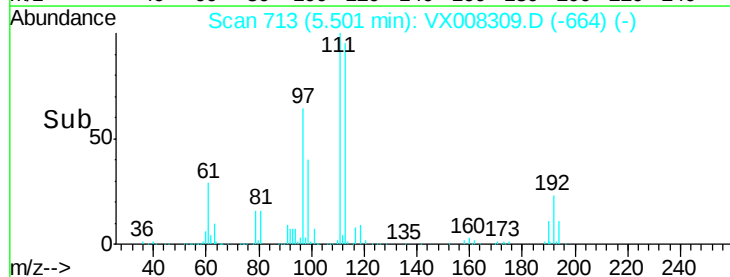
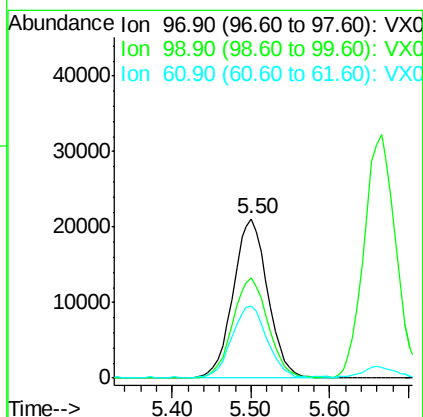
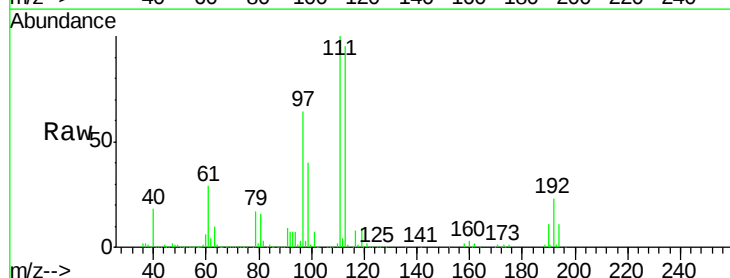
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

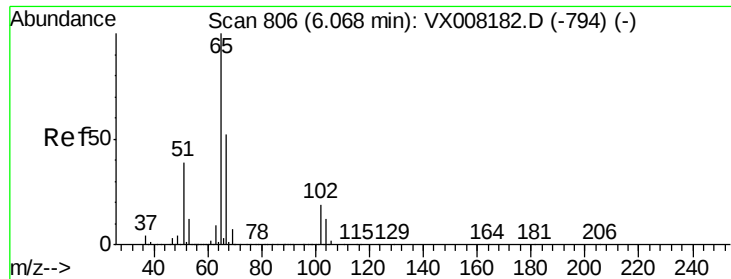
Tot Ion: 56 Resp: 65909
Ion Ratio Lower Upper
56 100
69 31.0 24.0 36.0
84 90.0 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 17.160 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 97 Resp: 64352
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 45.5 34.9 52.3

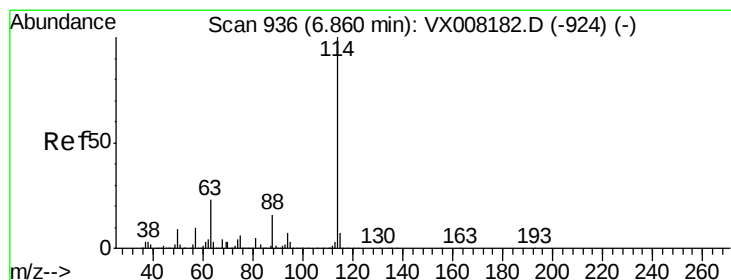
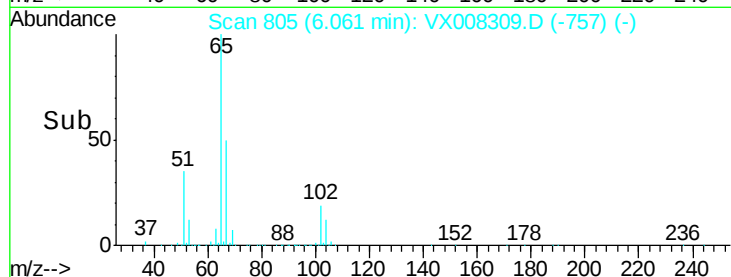
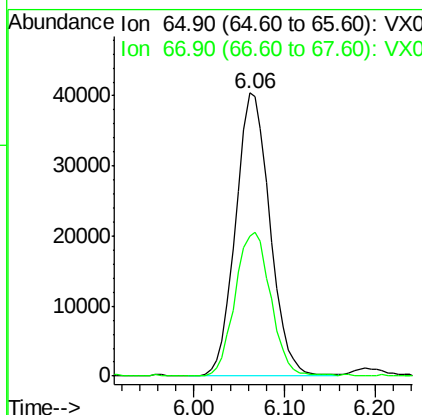
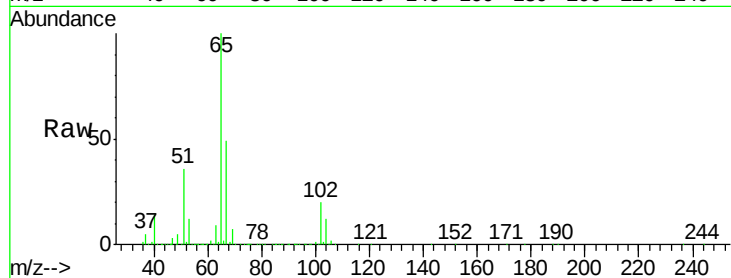




#33
 1,2-Dichloroethane-d4
 Concen: 38.704 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

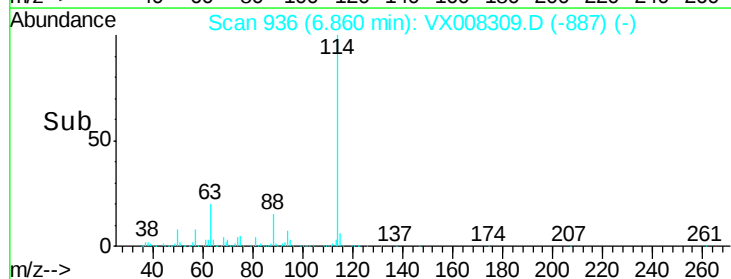
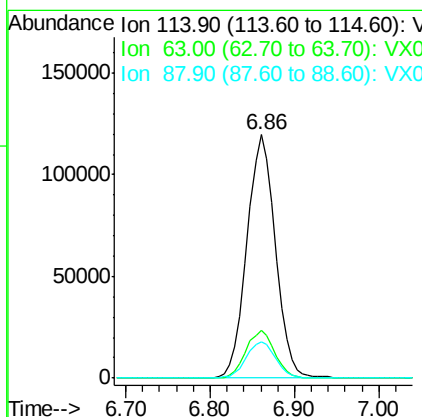
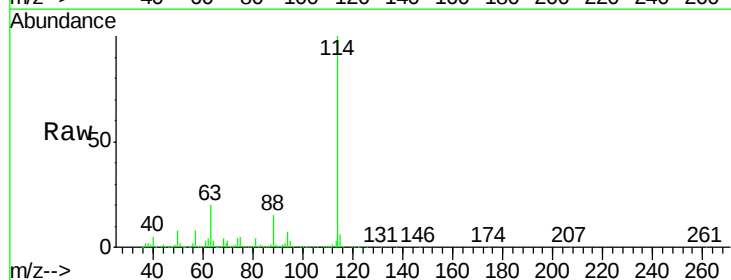
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

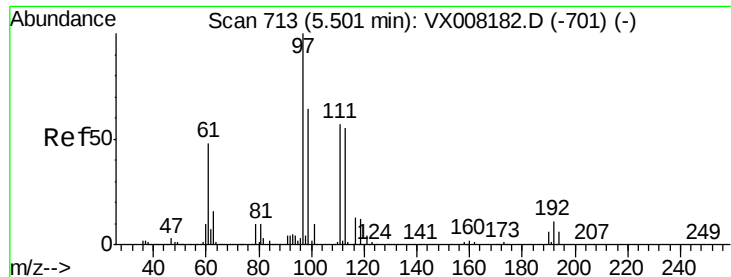
Tot Ion: 65 Resp: 105590
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

Tgt Ion: 114 Resp: 273354
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.591 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

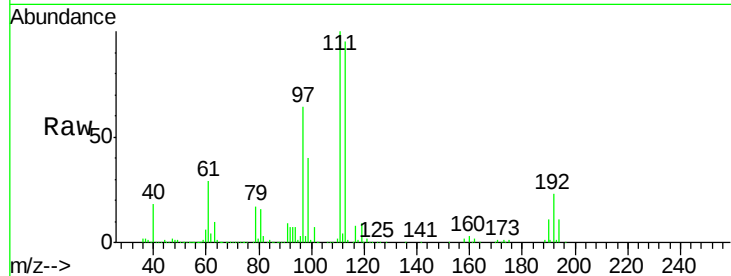
Tot Ion:113 Resp: 90747

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

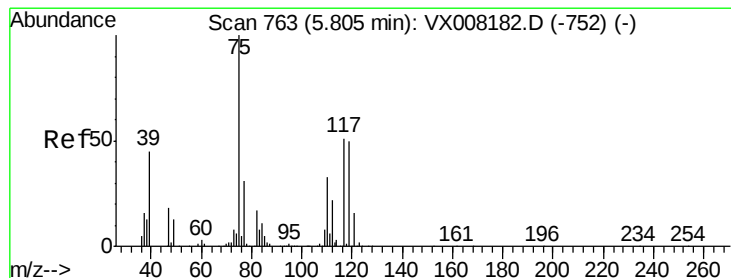
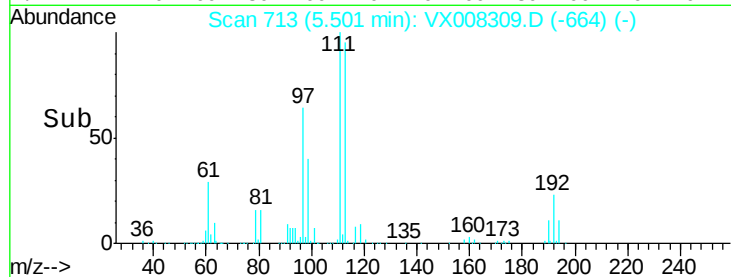
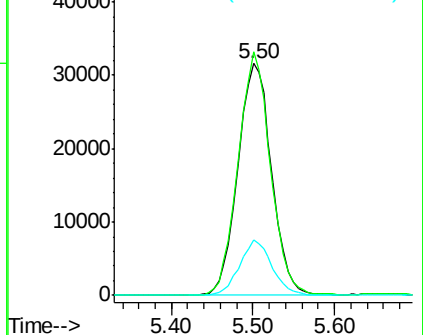
192 23.0 19.4 29.0



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: 16.864 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

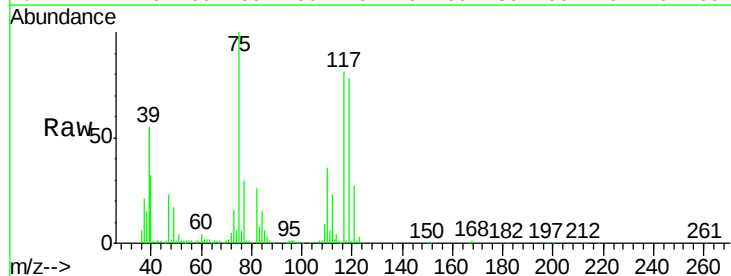
Tgt Ion: 75 Resp: 53670

Ion Ratio Lower Upper

75 100

110 38.8 18.4 55.0

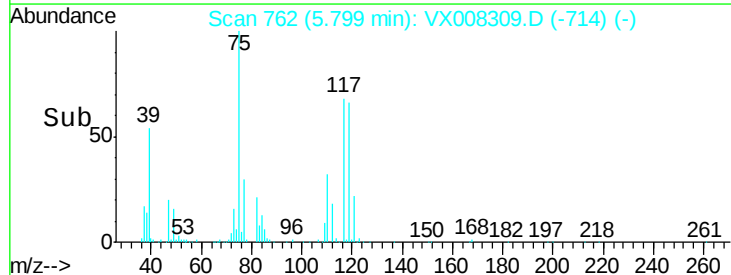
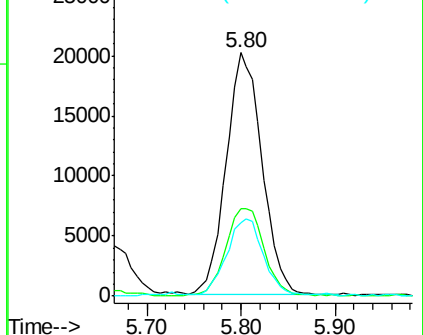
77 32.1 25.0 37.4

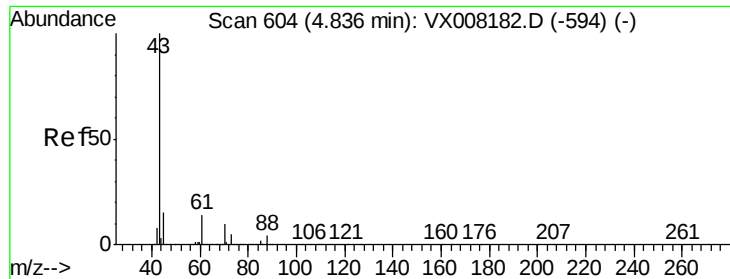


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

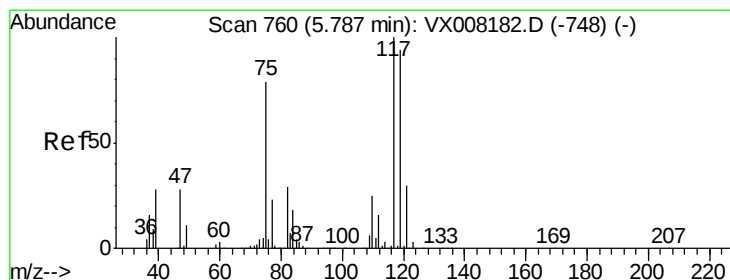
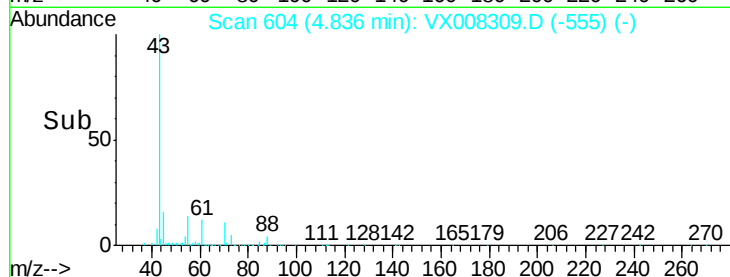
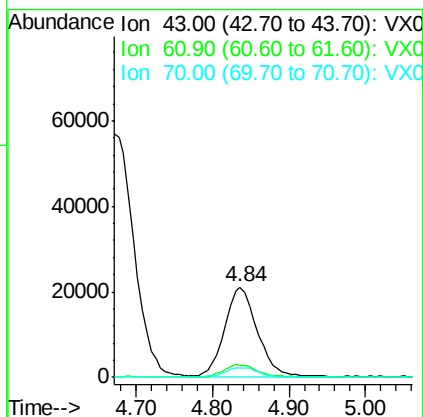
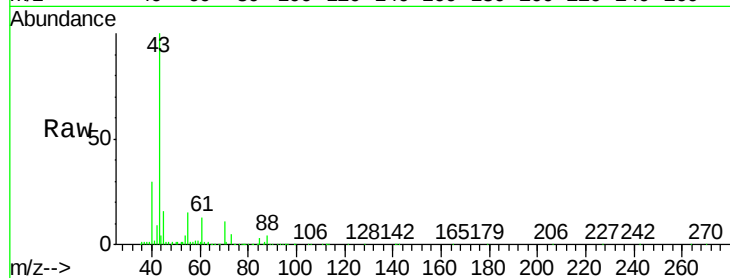




#37
Ethyl Acetate
Concen: 16.325 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

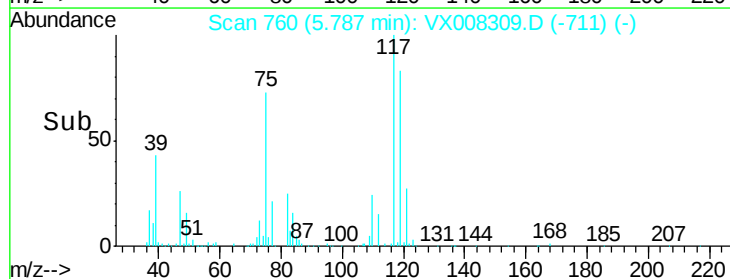
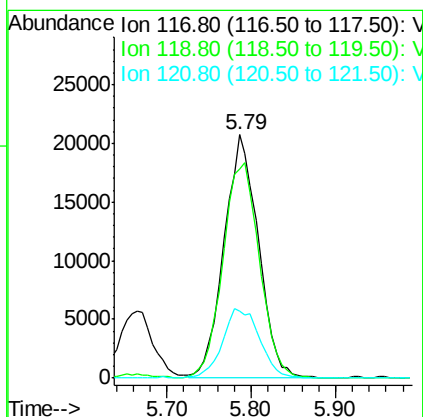
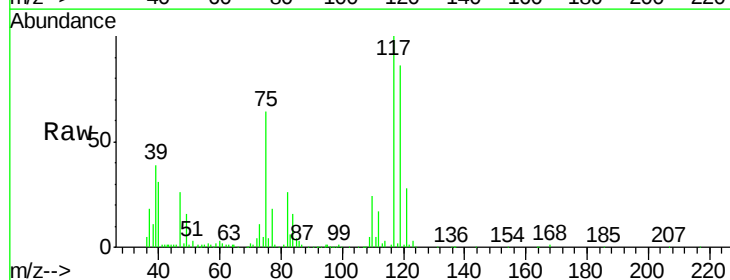
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

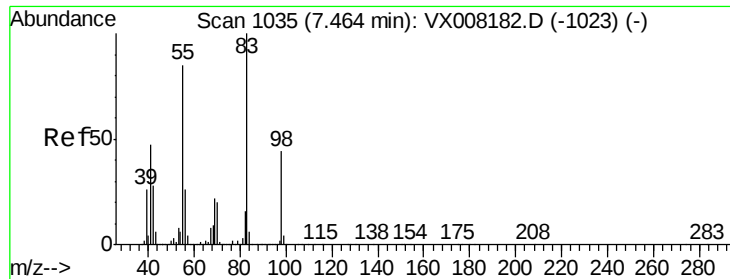
Tot Ion: 43 Resp: 61416
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 11.8 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.267 ug/l
RT: 5.79 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 117 Resp: 57470
Ion Ratio Lower Upper
117 100
119 85.8 76.2 114.2
121 27.7 24.6 36.8

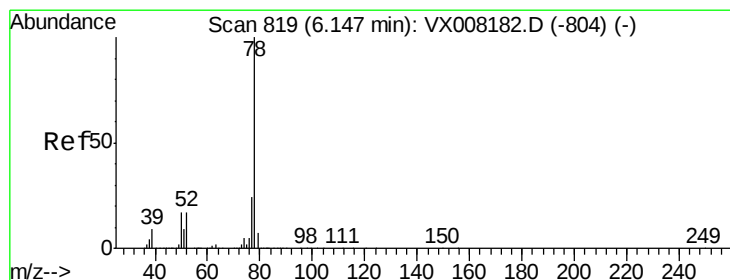
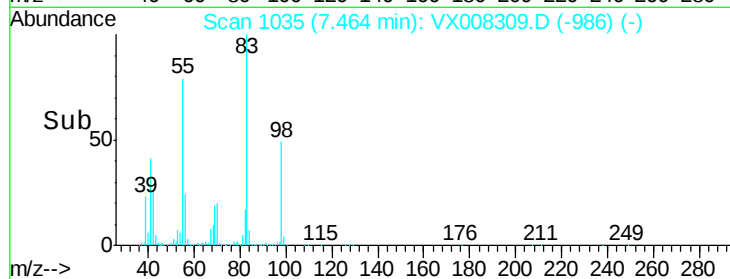
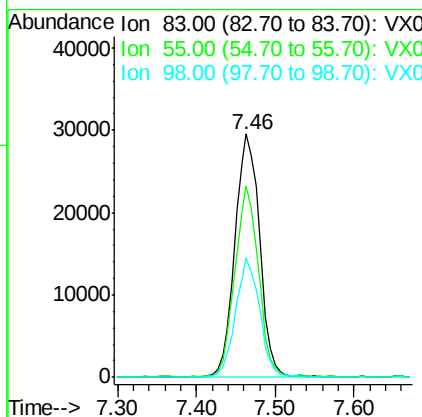
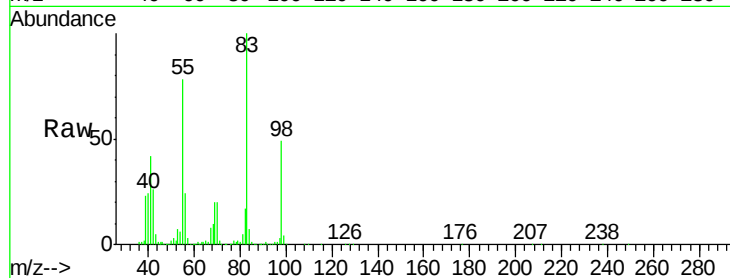




#39
Methvlcvclohexane
Concen: 16.902 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

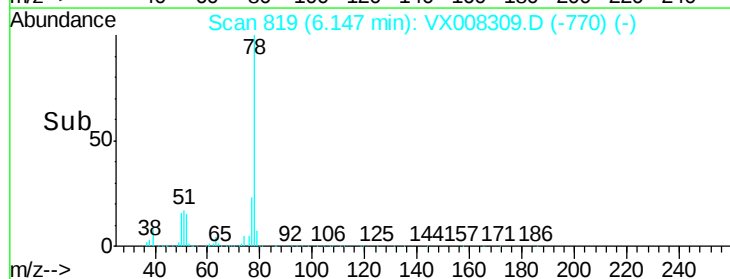
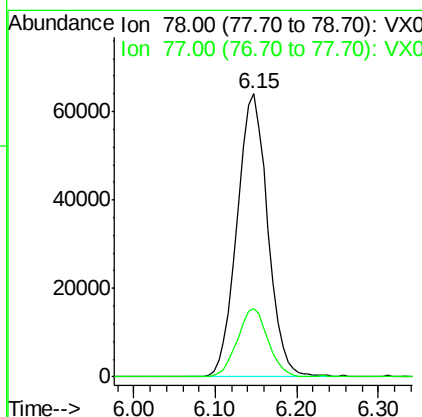
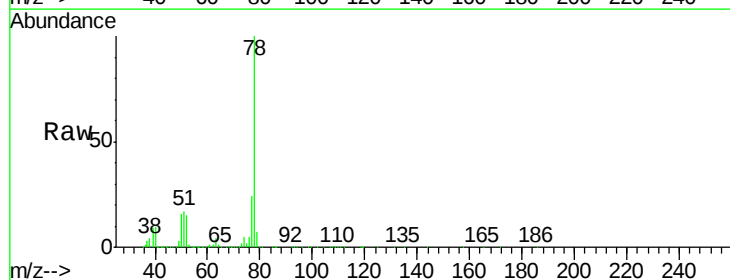
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

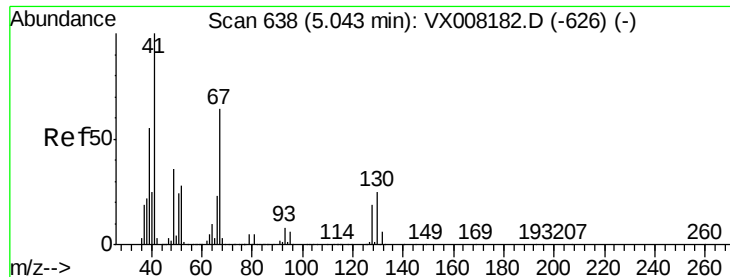
Tot Ion: 83 Resp: 64733
Ion Ratio Lower Upper
83 100
55 78.2 60.4 90.6
98 49.1 36.5 54.7



#40
Benzene
Concen: 17.681 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 78 Resp: 166545
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4

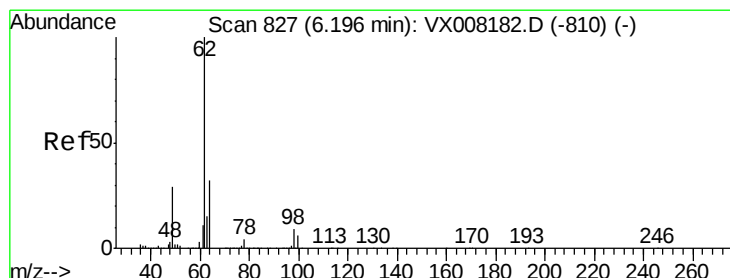
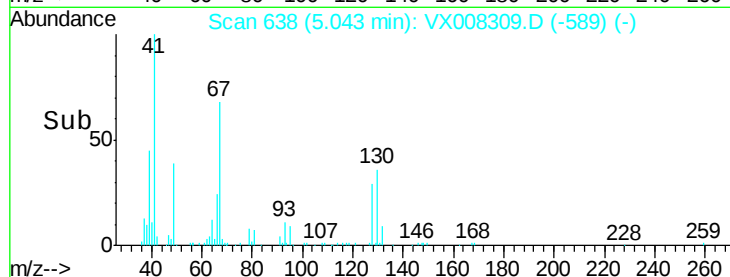
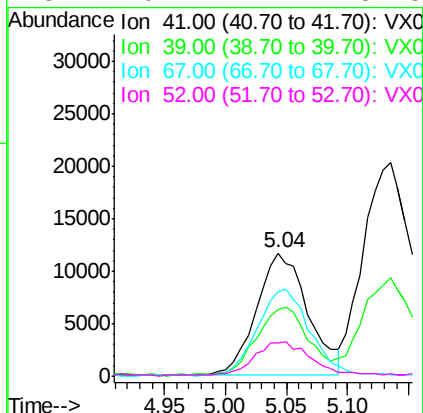
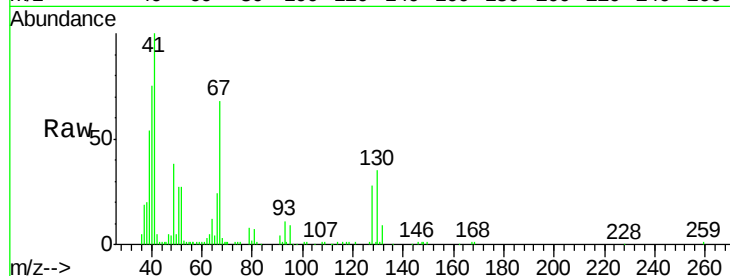




#41
Methacrylonitrile
Concen: 16.140 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

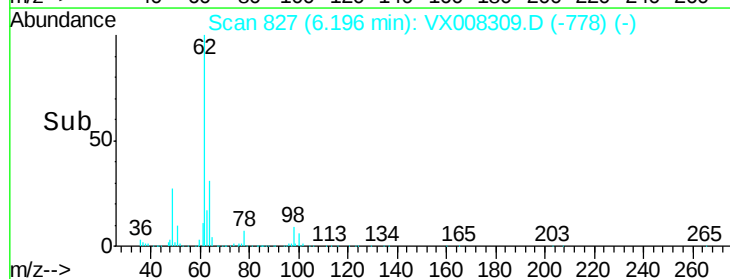
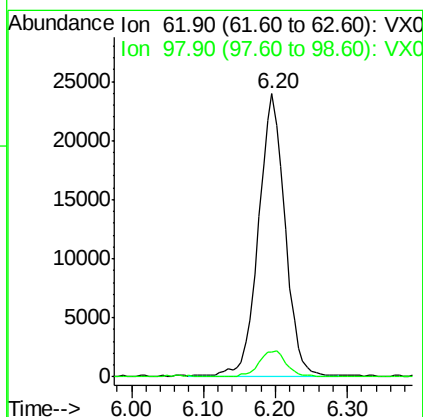
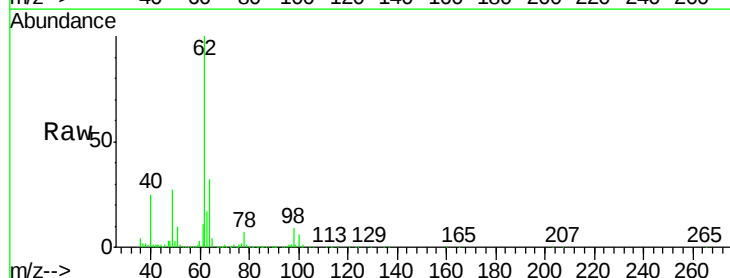
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

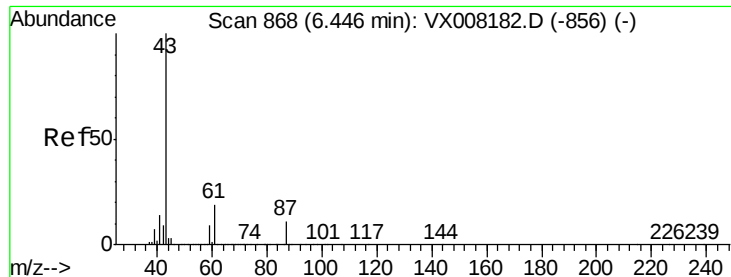
Tot Ion:	41	Resp:	34059
Ion	Ratio	Lower	Upper
41	100		
39	53.8	41.6	62.4
67	72.7	55.8	83.6
52	29.1	21.7	32.5



#42
1,2-Dichloroethane
Concen: 17.899 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion:	62	Resp:	61765
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.4



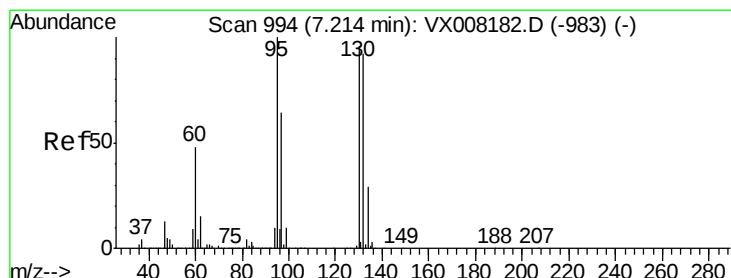
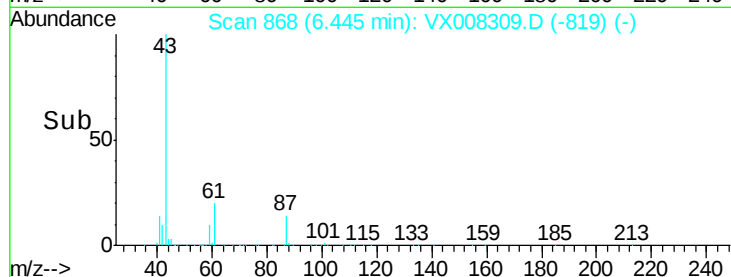
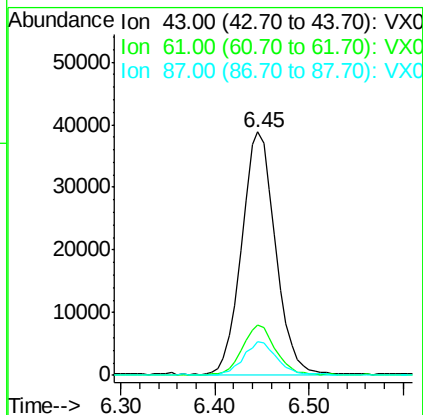
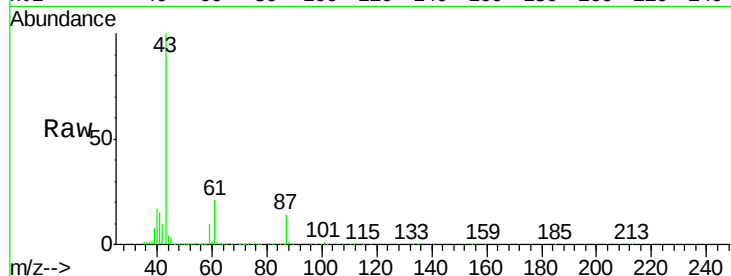


#43

Isopropyl Acetate
 Concen: 16.153 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0321WBSD02

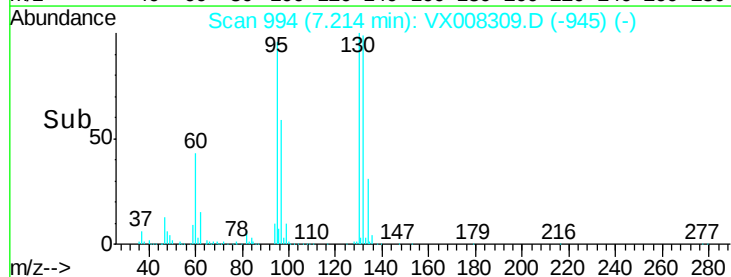
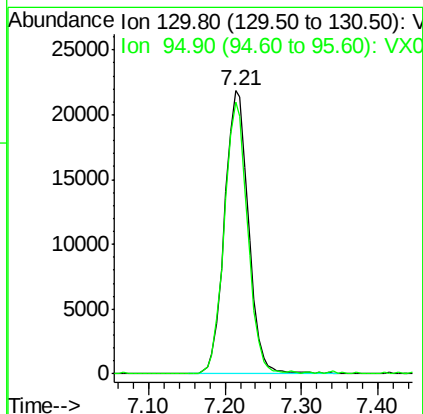
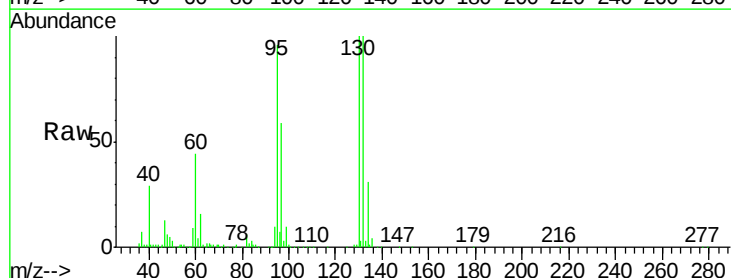
Tot Ion: 43 Resp: 97405
 Ion Ratio Lower Upper
 43 100
 61 19.7 16.3 24.5
 87 14.0 10.5 15.7

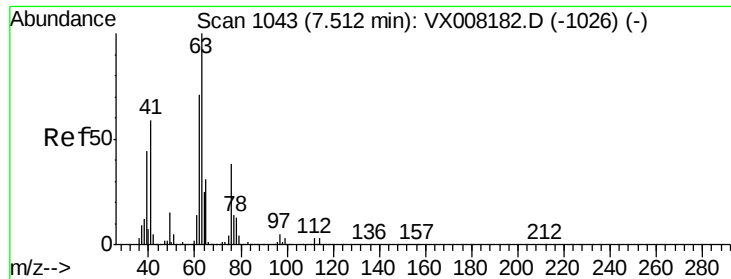


#44

Trichloroethene
 Concen: 20.499 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

Tgt Ion: 130 Resp: 47213
 Ion Ratio Lower Upper
 130 100
 95 95.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 16.561 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

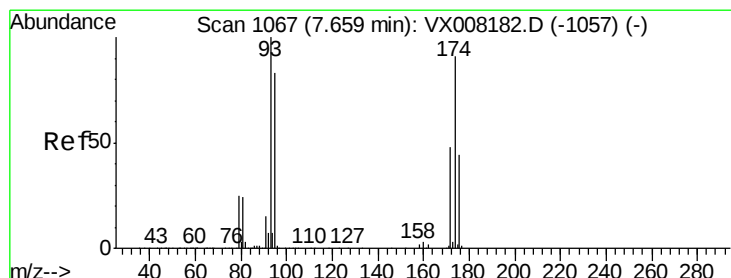
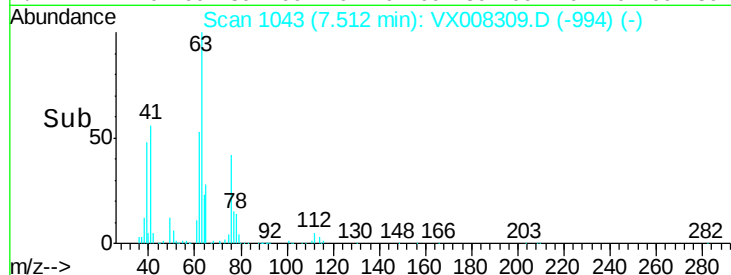
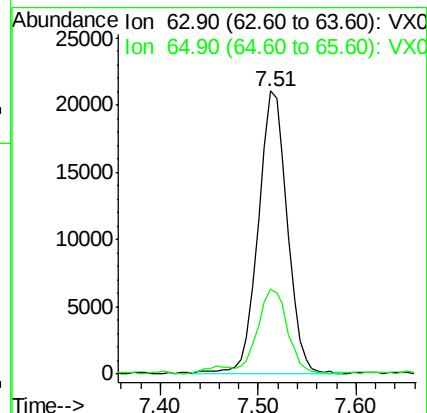
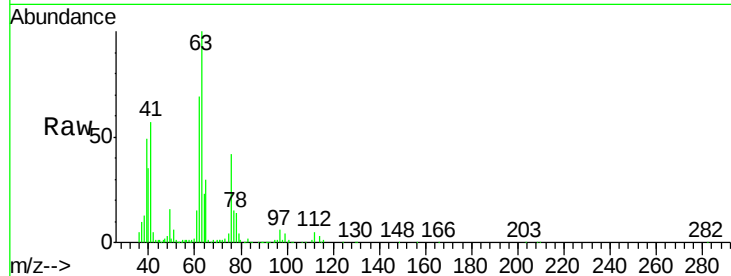
VX0321WBSD02

Tot Ion: 63 Resp: 43671

Ion Ratio Lower Upper

63 100

65 29.5 24.7 37.1



#46

Dibromomethane

Concen: 19.249 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

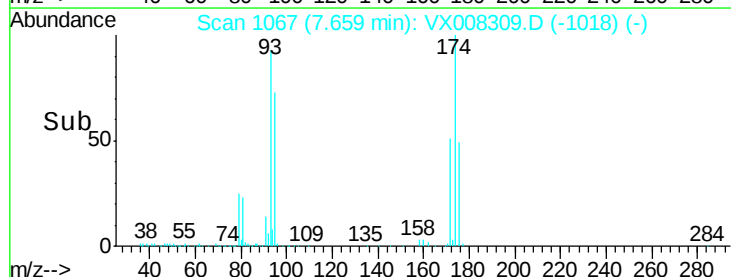
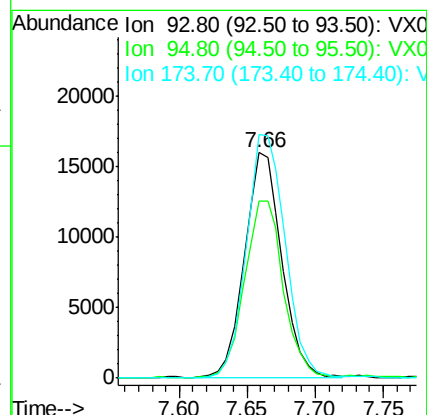
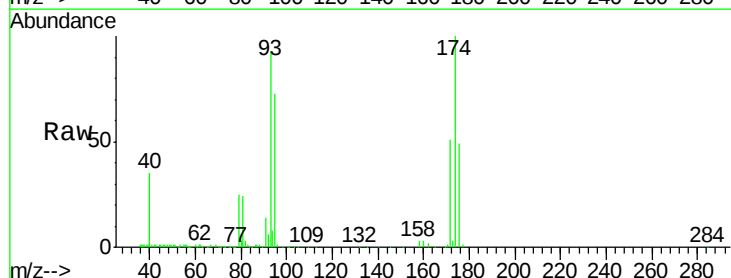
Tgt Ion: 93 Resp: 30732

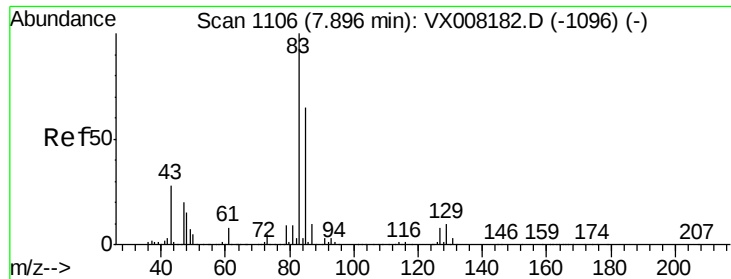
Ion Ratio Lower Upper

93 100

95 81.9 66.8 100.2

174 112.9 97.3 145.9





#47

Bromodichloromethane

Concen: 18.568 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

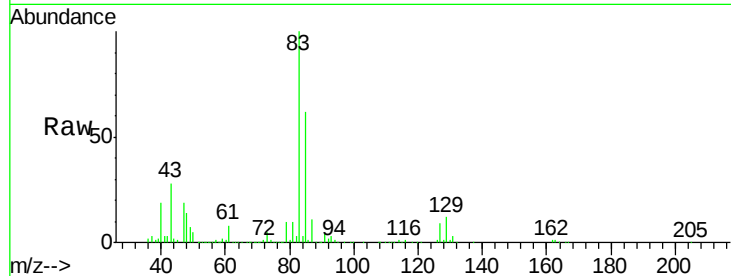
Tot Ion: 83 Resp: 56496

Ion Ratio Lower Upper

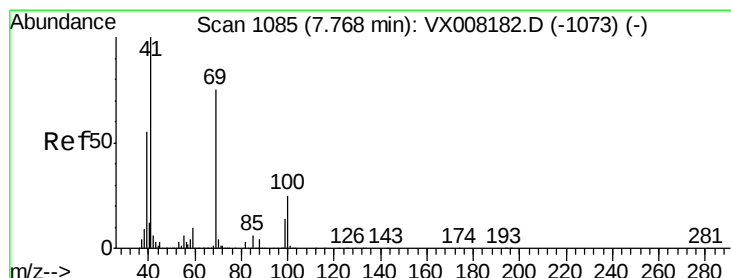
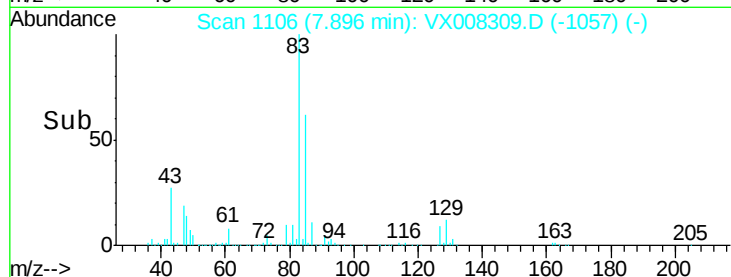
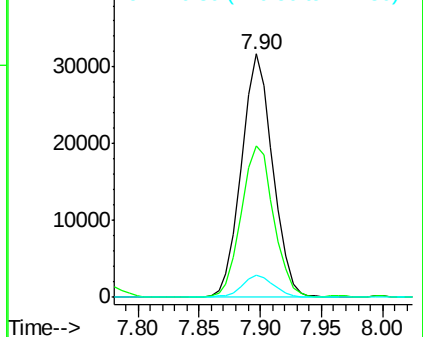
83 100

85 62.1 50.9 76.3

127 8.9 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: 15.427 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

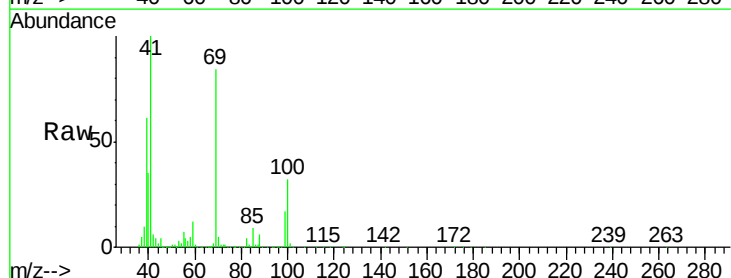
Tgt Ion: 41 Resp: 49464

Ion Ratio Lower Upper

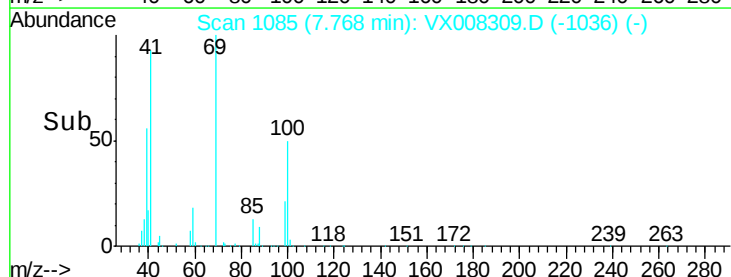
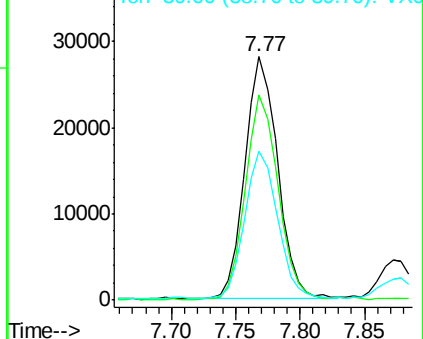
41 100

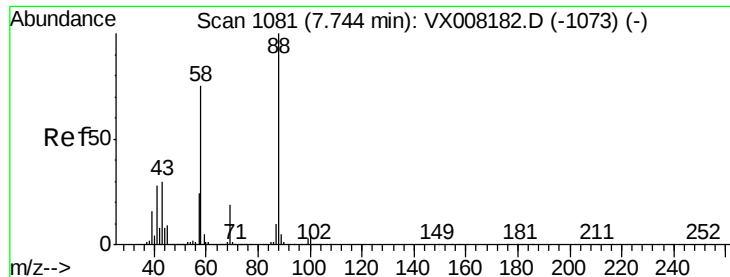
69 84.2 65.2 97.8

39 60.8 39.4 59.2#



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





#49

1,4-Dioxane

Concen: 388.164 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

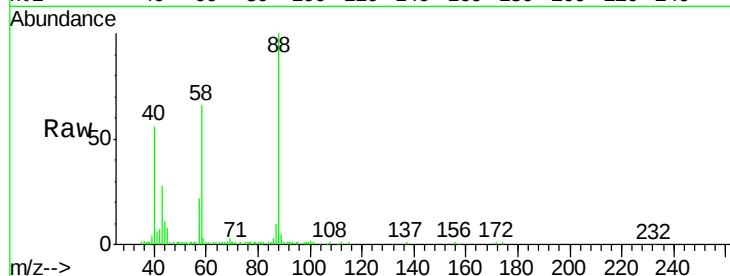
Tot Ion: 88 Resp: 21963

Ion Ratio Lower Upper

88 100

43 31.6 25.1 37.7

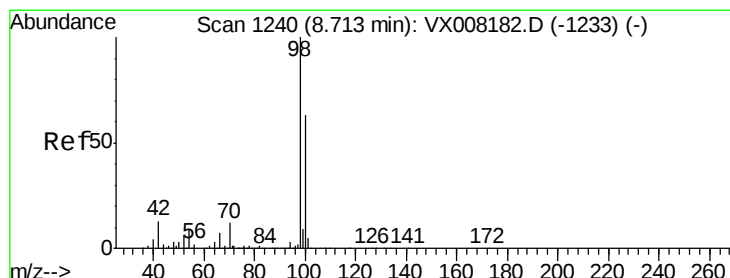
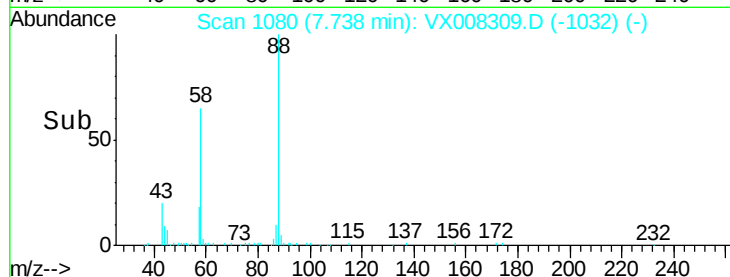
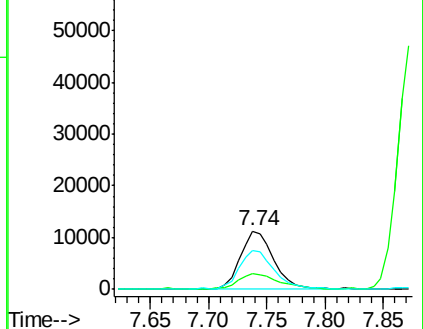
58 71.7 57.8 86.6



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: 45.082 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008309.D

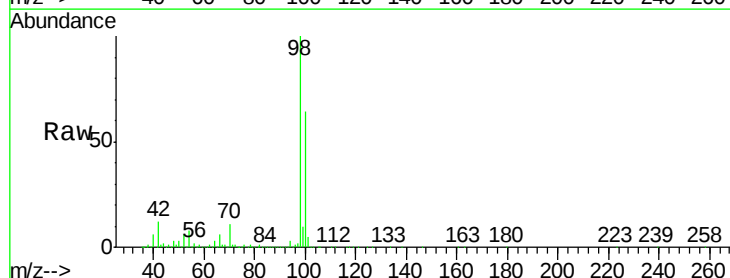
Acq: 21 Mar 2019 23:41

Tgt Ion: 98 Resp: 312773

Ion Ratio Lower Upper

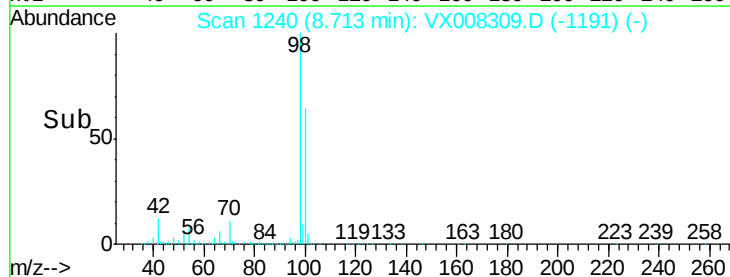
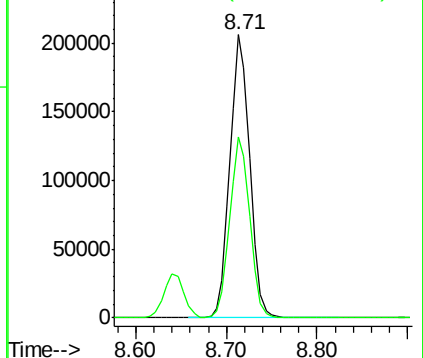
98 100

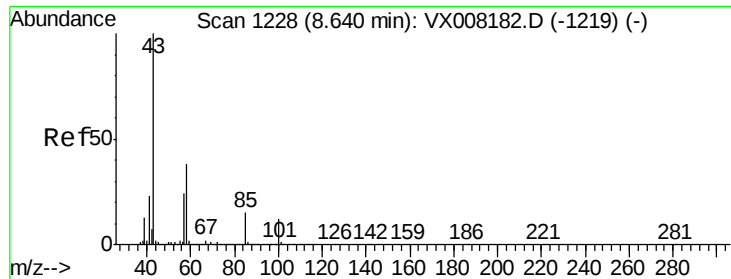
100 64.2 51.7 77.5



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: 82.866 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

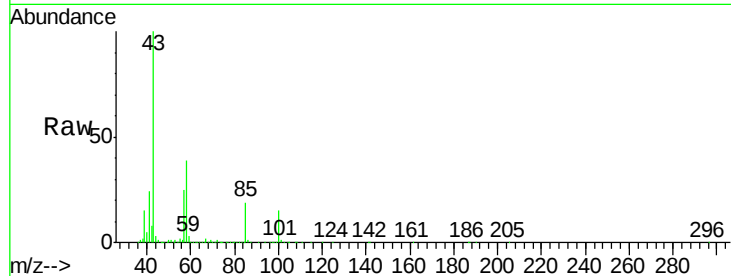
VX0321WBSD02

Tot Ion: 43 Resp: 323053

Ion Ratio Lower Upper

43 100

58 39.3 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

200000

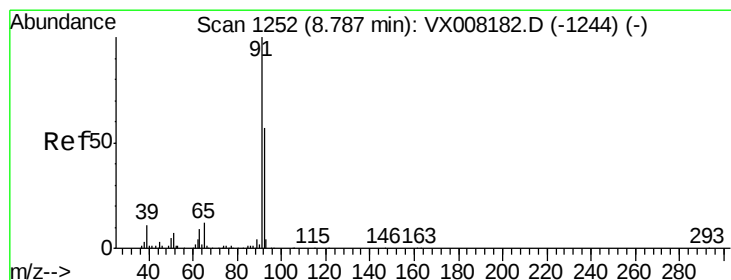
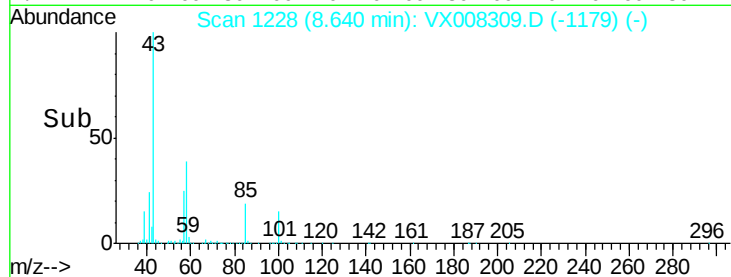
150000

100000

50000

0

Time--> 8.55 8.60 8.65 8.70



#52

Toluene

Concen: 18.239 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008309.D

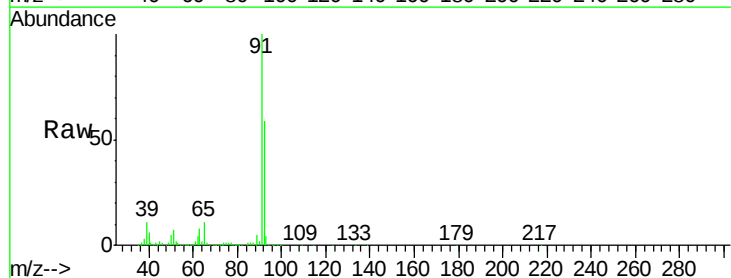
Acq: 21 Mar 2019 23:41

Tgt Ion: 92 Resp: 101927

Ion Ratio Lower Upper

92 100

91 173.5 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

120000

100000

80000

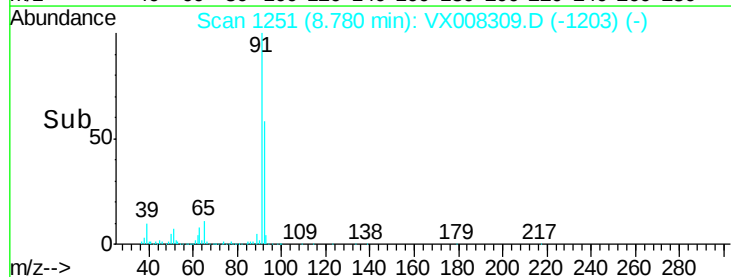
60000

40000

20000

0

Time--> 8.70 8.75 8.80 8.85





#53

t-1,3-Dichloropropene

Concen: 15.284 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

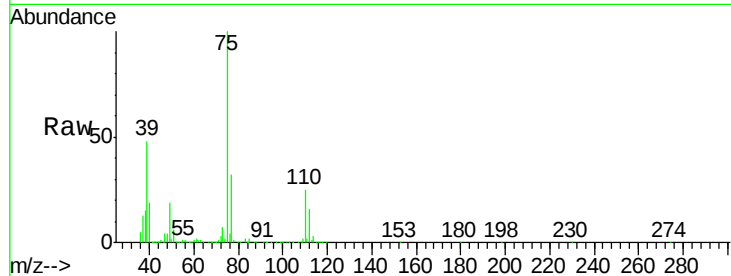
VX0321WBSD02

Tot Ion: 75 Resp: 54367

Ion Ratio Lower Upper

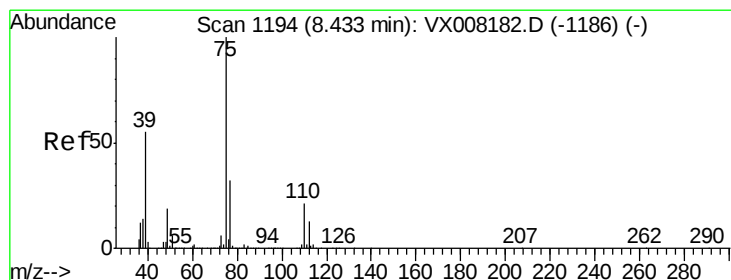
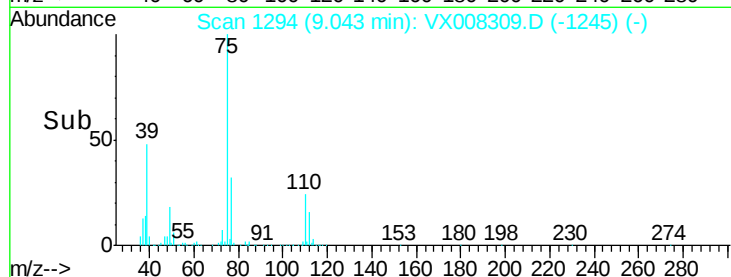
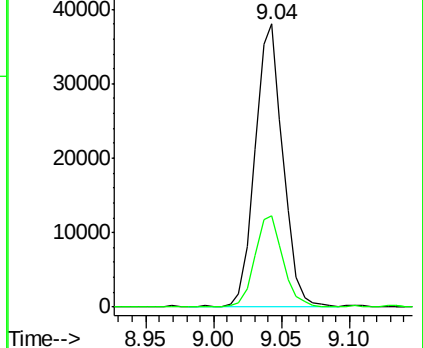
75 100

77 32.1 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: 15.935 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

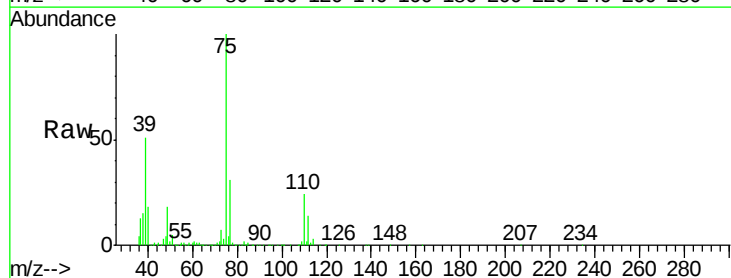
Tgt Ion: 75 Resp: 60174

Ion Ratio Lower Upper

75 100

77 30.8 25.0 37.6

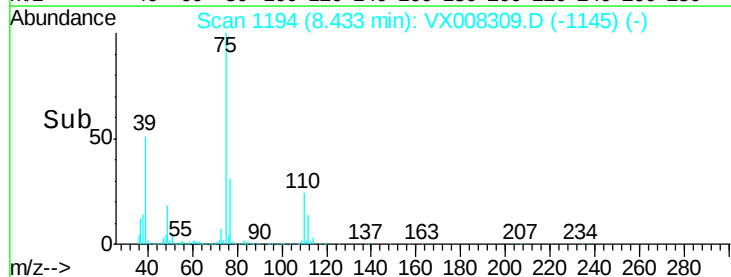
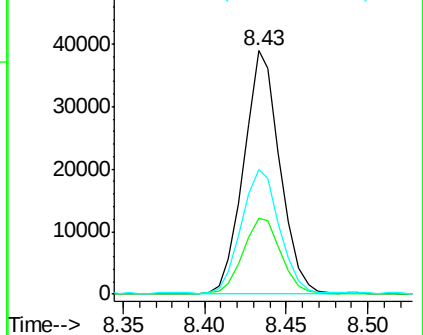
39 50.8 36.6 54.8

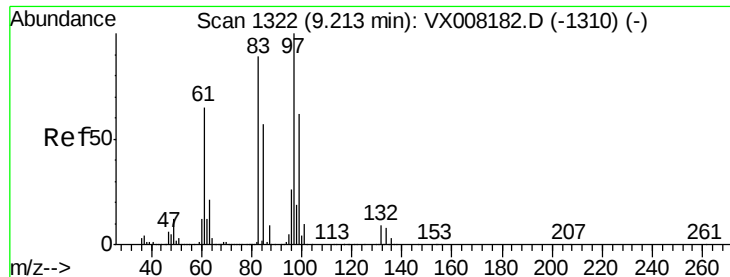


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 18.963 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

Tot Ion: 97 Resp: 42816

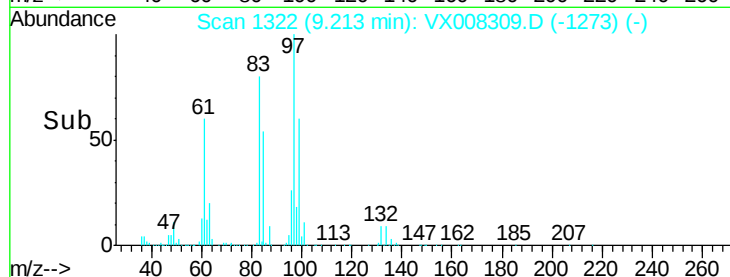
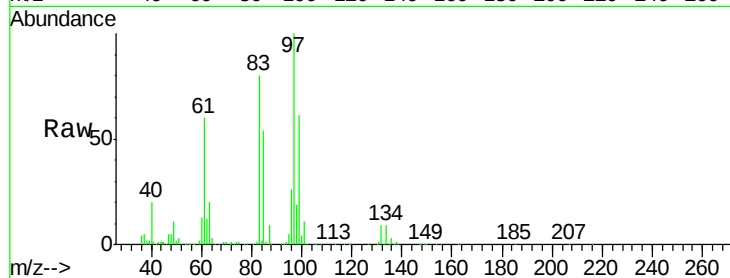
Ion	Ratio	Lower	Upper
97	100		
83	79.6	69.1	103.7
85	53.8	44.3	66.5
99	60.6	49.8	74.8

97 100

83 79.6 69.1 103.7

85 53.8 44.3 66.5

99 60.6 49.8 74.8

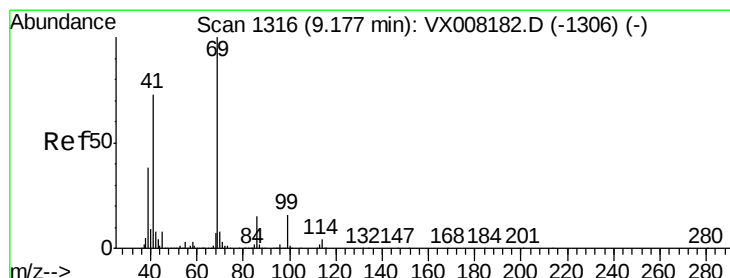
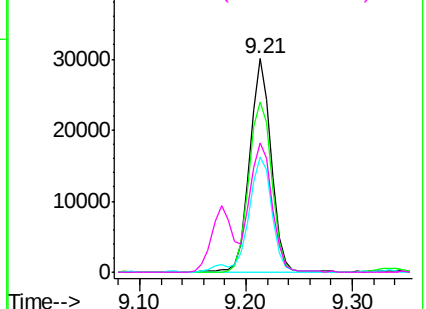


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 16.066 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

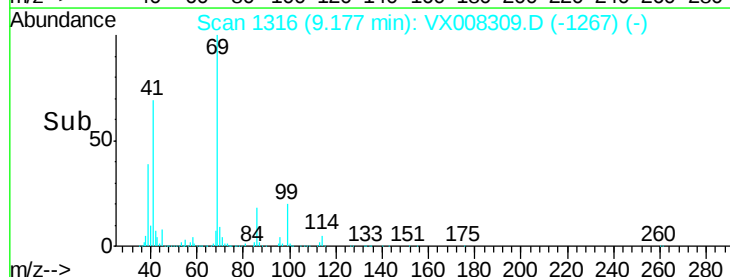
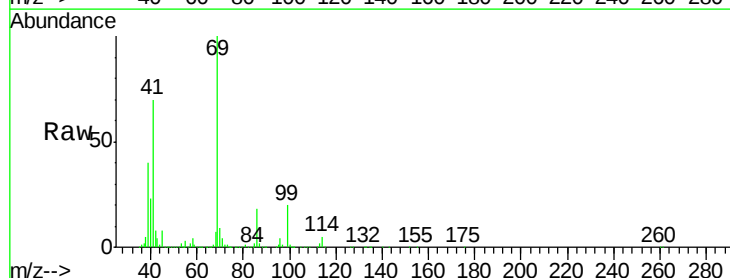
Tgt Ion: 69 Resp: 62200

Ion	Ratio	Lower	Upper
69	100		
41	67.3	54.2	81.4
39	40.2	25.0	37.4

69 100

41 67.3 54.2 81.4

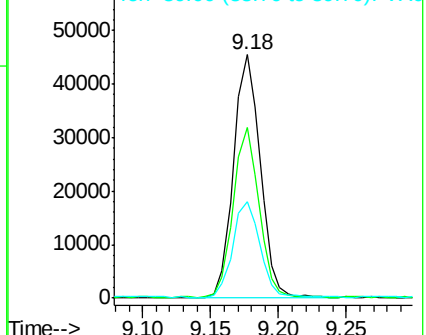
39 40.2 25.0 37.4



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: 17.885 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

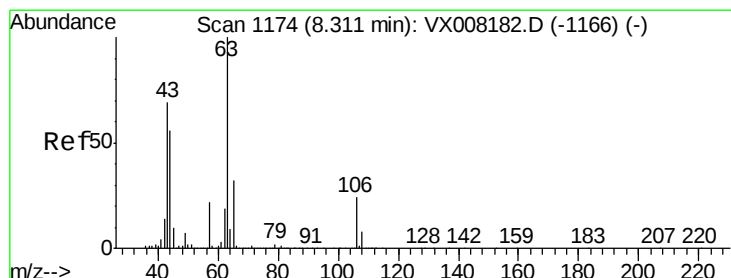
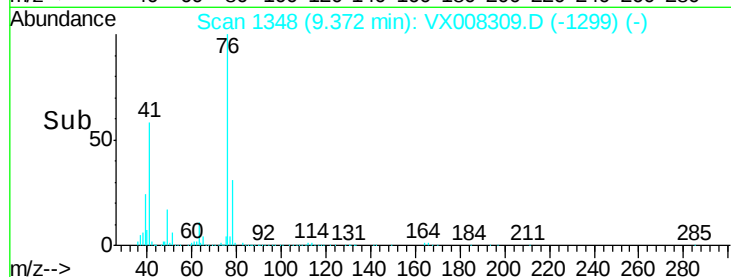
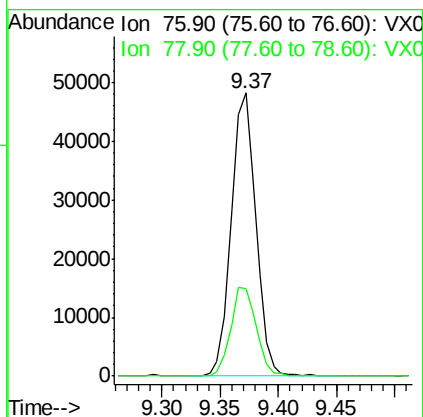
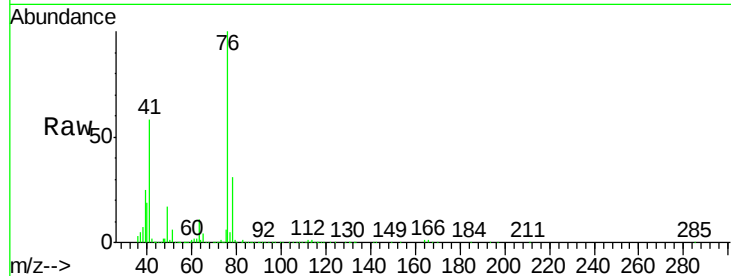
VX0321WBSD02

Tot Ion: 76 Resp: 71435

Ion Ratio Lower Upper

76 100

78 32.7 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 76.696 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008309.D

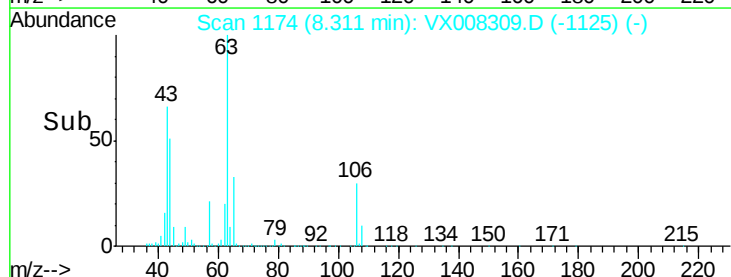
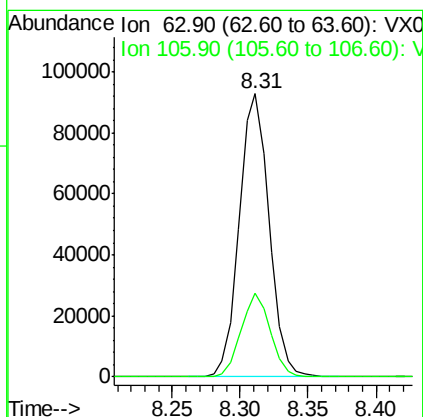
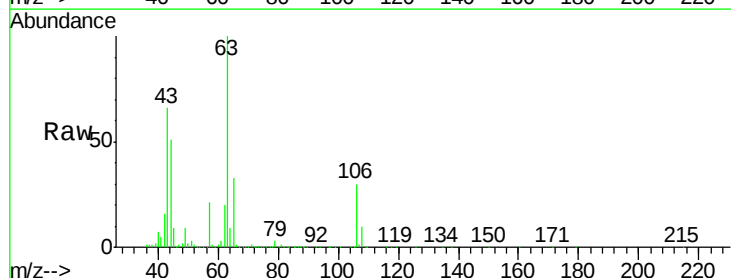
Acq: 21 Mar 2019 23:41

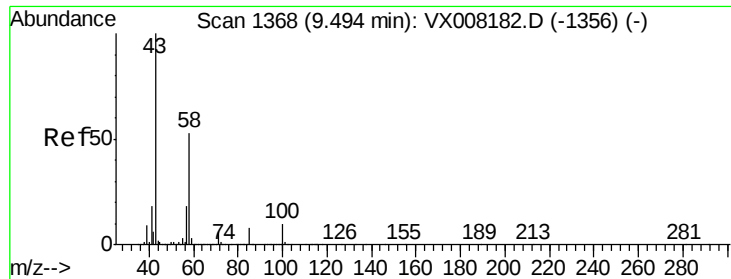
Tgt Ion: 63 Resp: 141884

Ion Ratio Lower Upper

63 100

106 29.4 22.2 33.2

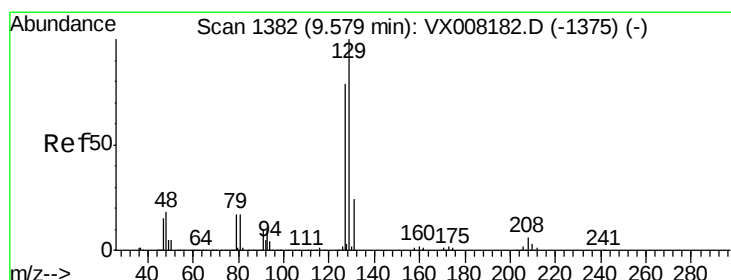
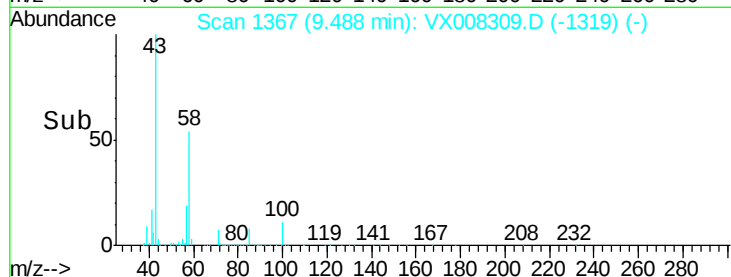
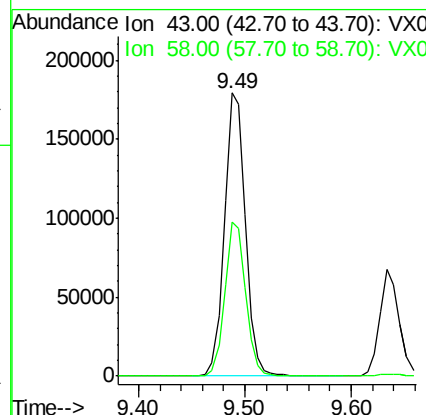
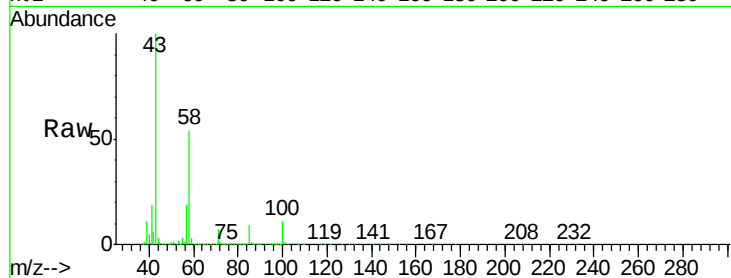




#59
2-Hexanone
Concen: 81.905 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

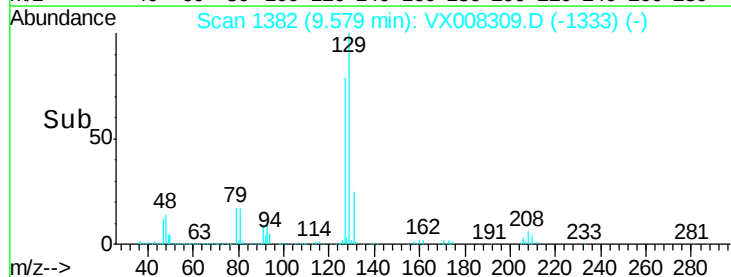
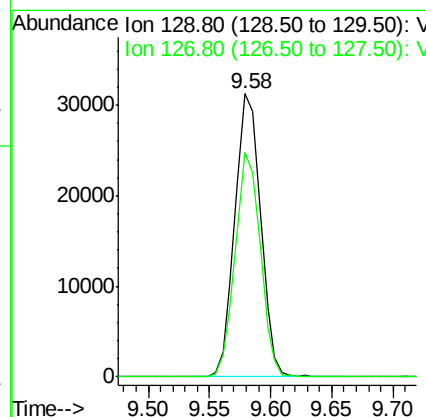
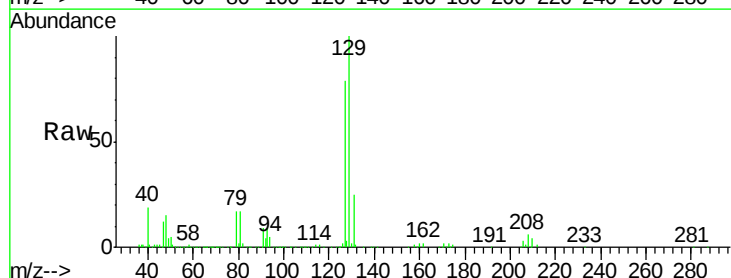
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

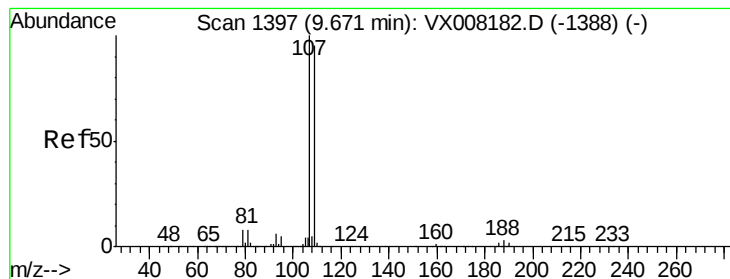
Tot Ion: 43 Resp: 245827
Ion Ratio Lower Upper
43 100
58 54.4 27.6 82.7



#60
Dibromochloromethane
Concen: 21.041 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 129 Resp: 45657
Ion Ratio Lower Upper
129 100
127 77.3 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.463 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

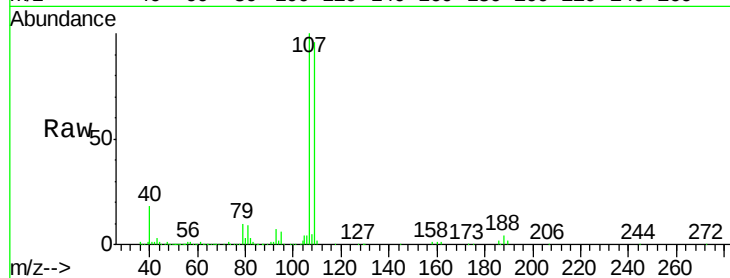
VX0321WBSD02

Tot Ion:107 Resp: 45886

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

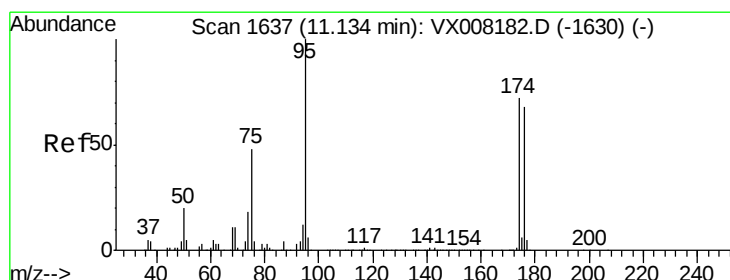
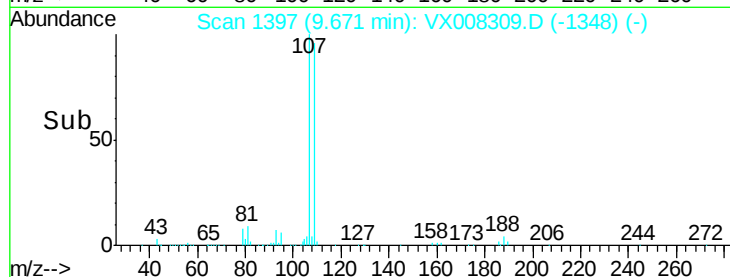
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.556 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

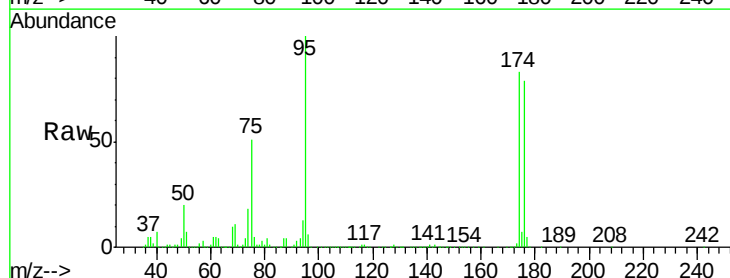
Tgt Ion: 95 Resp: 108827

Ion Ratio Lower Upper

95 100

174 89.8 0.0 182.8

176 87.8 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

11.13

120000

100000

80000

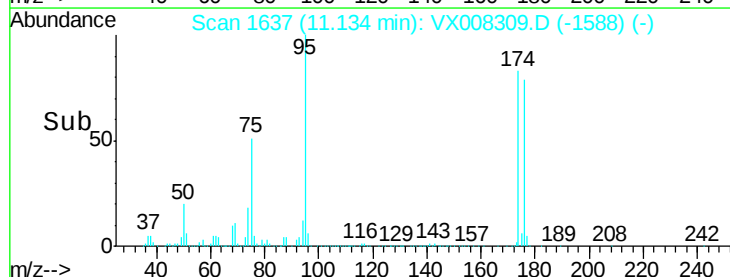
60000

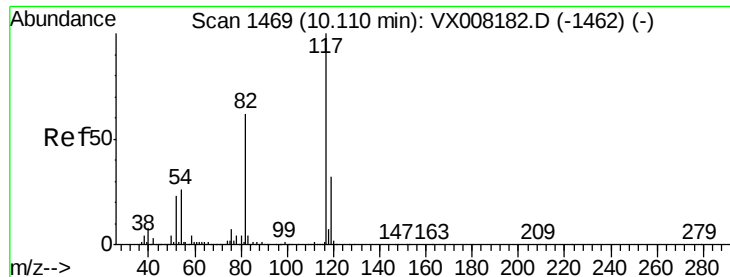
40000

20000

0

Time-->

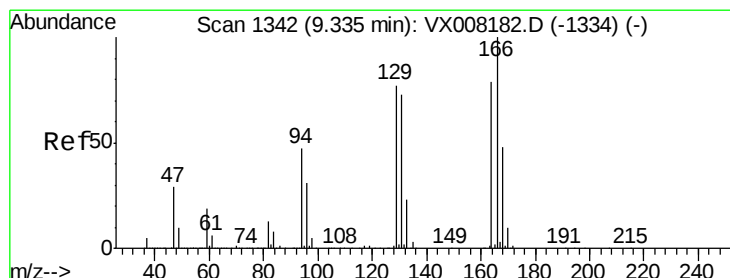
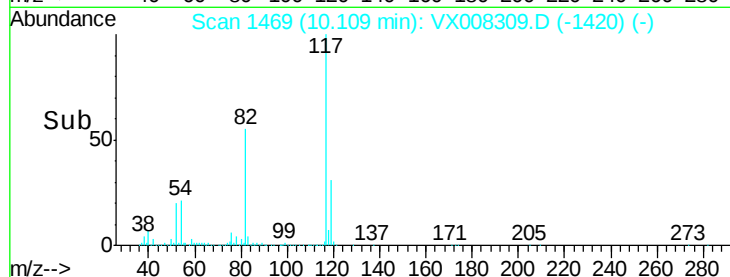
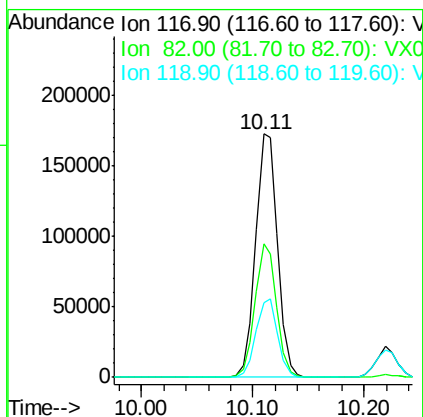
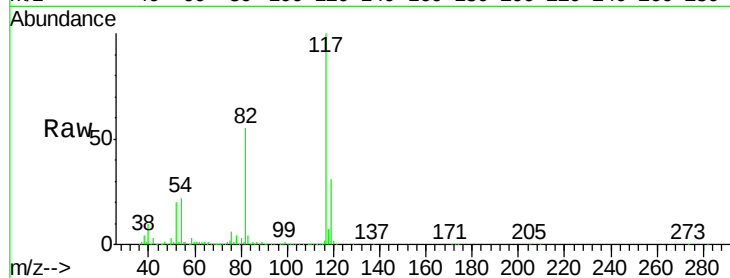




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

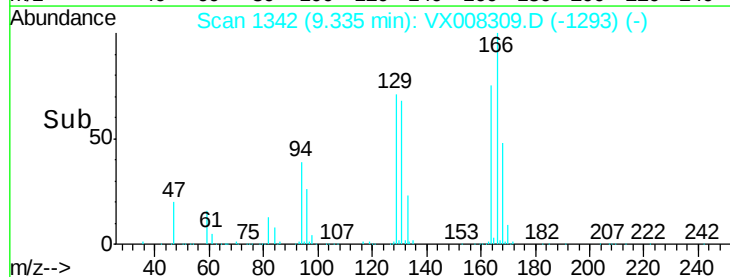
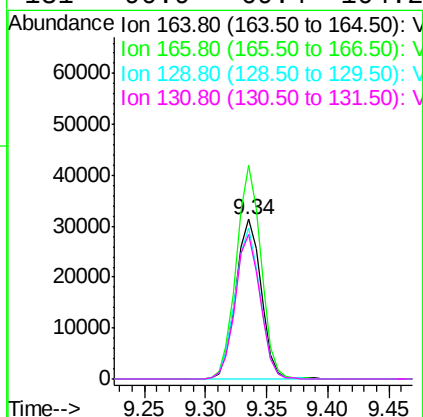
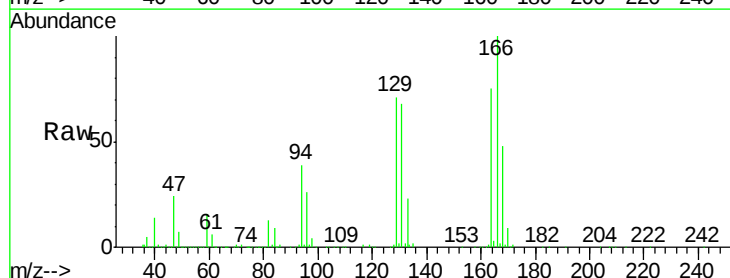
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

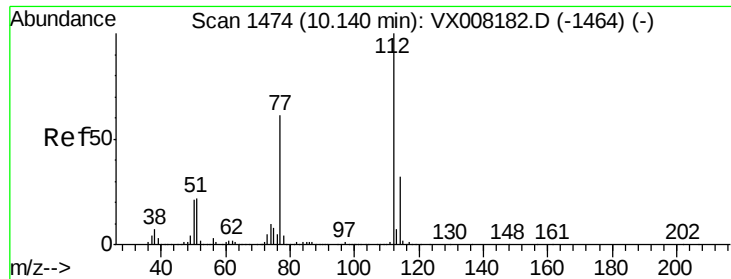
Tot Ion:117 Resp: 237635
Ion Ratio Lower Upper
117 100
82 54.9 44.3 66.5
119 30.8 25.3 37.9



#64
Tetrachloroethene
Concen: 21.030 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion:164 Resp: 45087
Ion Ratio Lower Upper
164 100
166 133.7 103.4 155.0
129 94.6 72.2 108.4
131 90.9 69.4 104.2

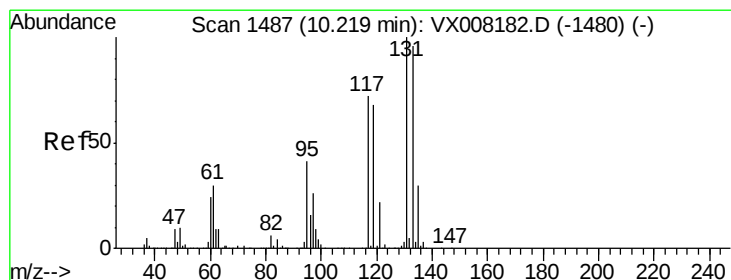
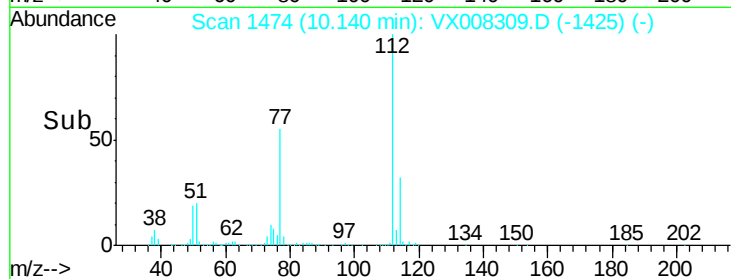
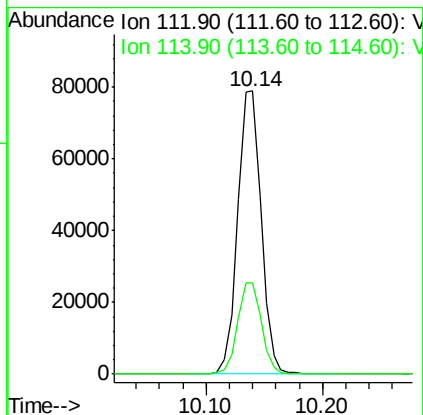
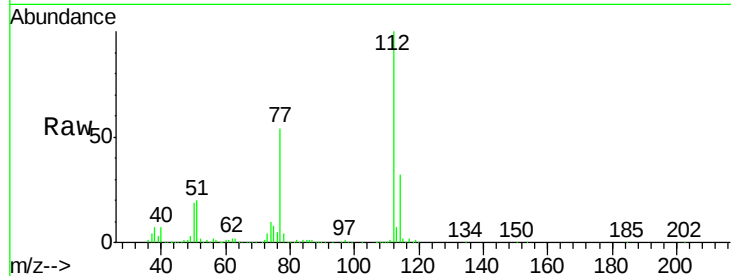




#65
Chlorobenzene
Concen: 19.120 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

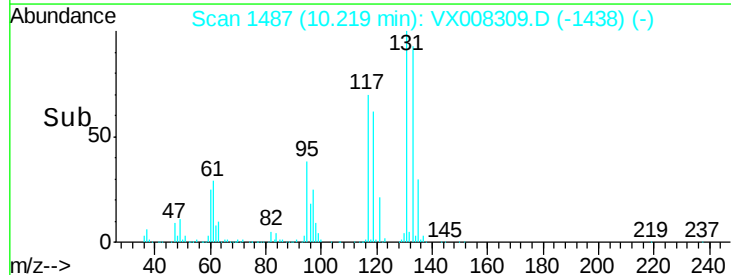
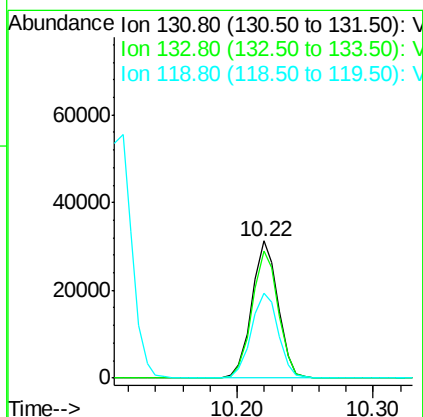
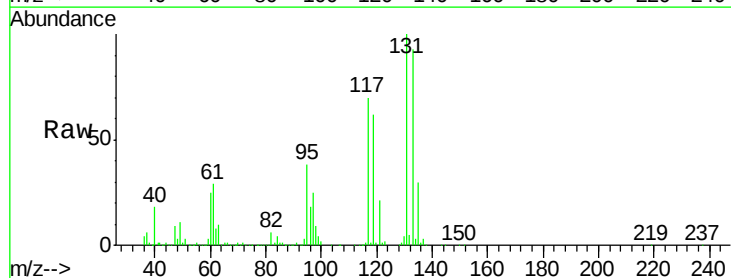
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

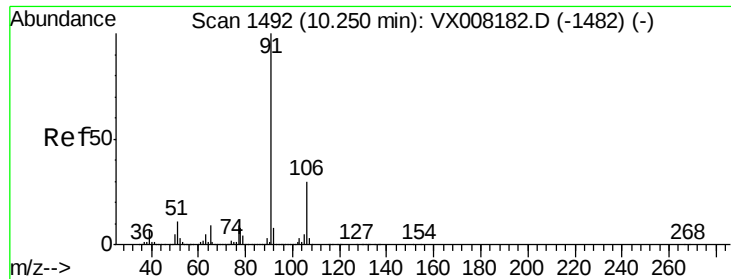
Tot Ion:112 Resp: 111798
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 20.765 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion:131 Resp: 42334
Ion Ratio Lower Upper
131 100
133 93.8 47.8 143.3
119 64.6 32.5 97.5

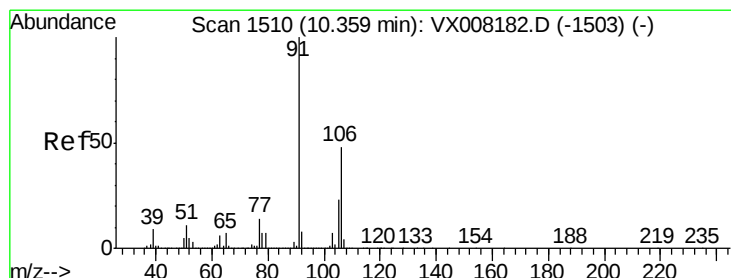
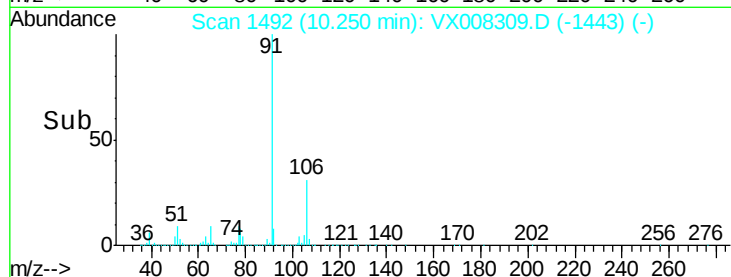
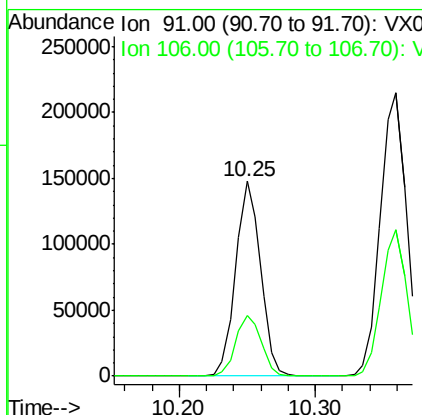
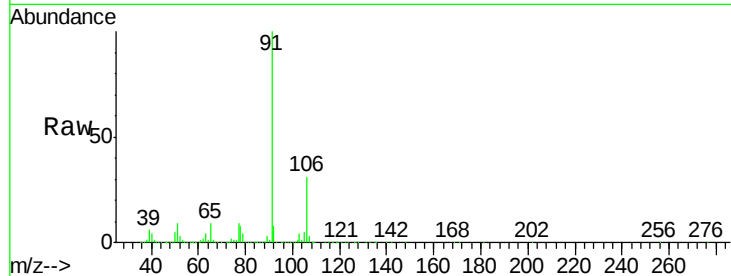




#67
Ethyl Benzene
Concen: 18.324 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

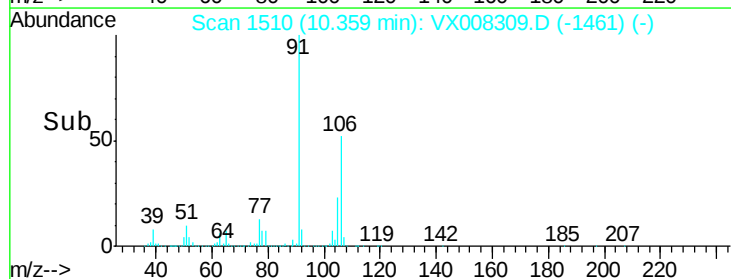
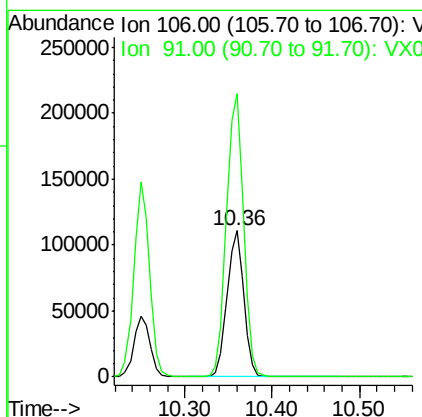
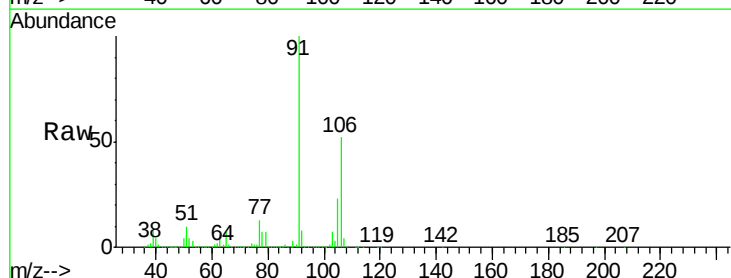
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

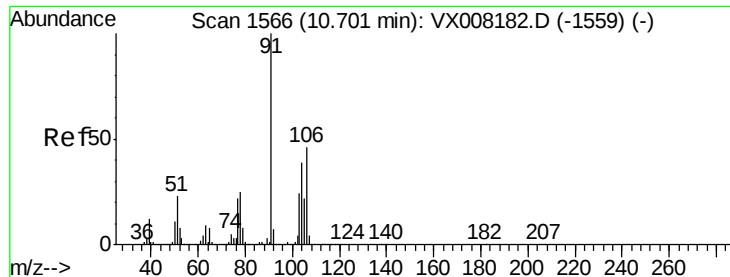
Tot Ion: 91 Resp: 188810
Ion Ratio Lower Upper
91 100
106 31.3 25.2 37.8



#68
m/p-Xylenes
Concen: 38.709 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 106 Resp: 146515
Ion Ratio Lower Upper
106 100
91 197.9 159.8 239.6

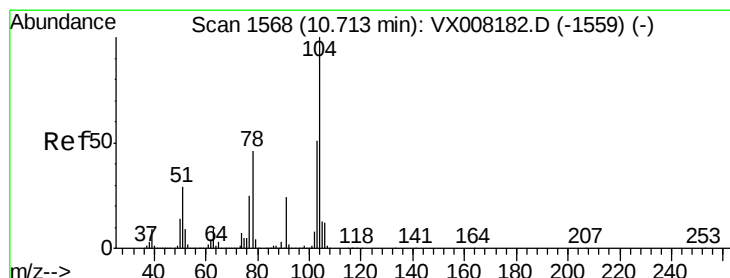
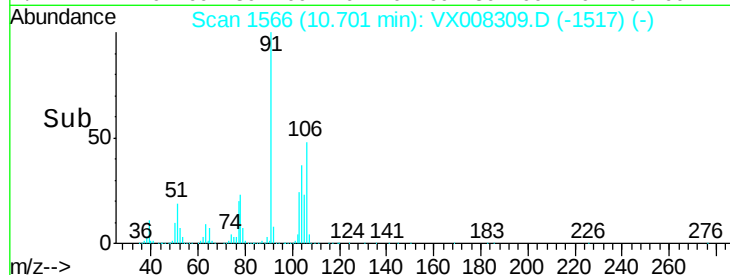
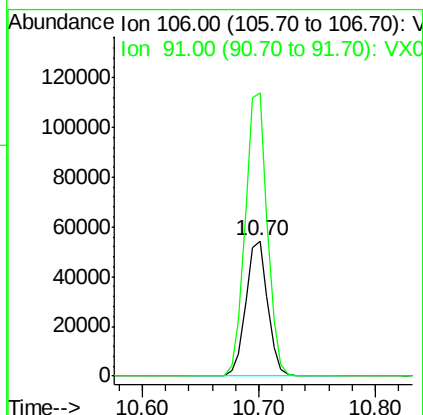
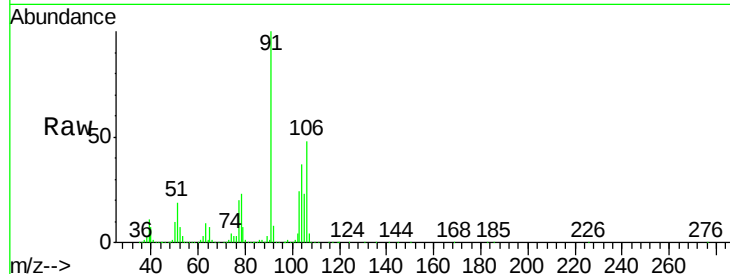




#69
o-Xylene
Concen: 19.376 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

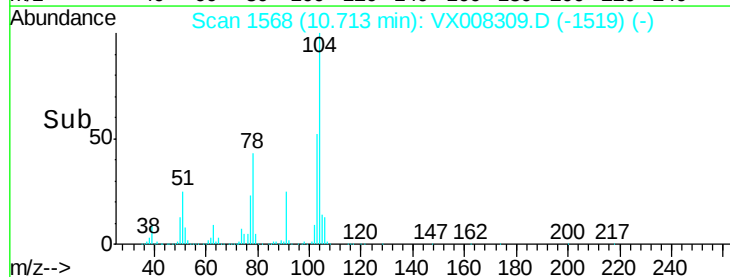
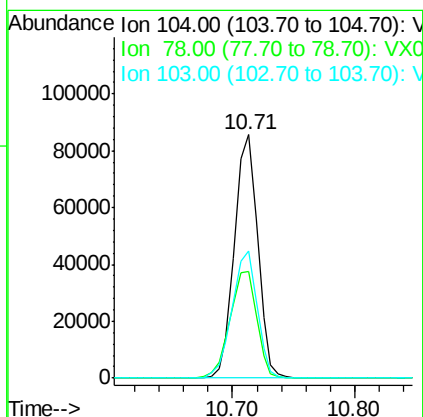
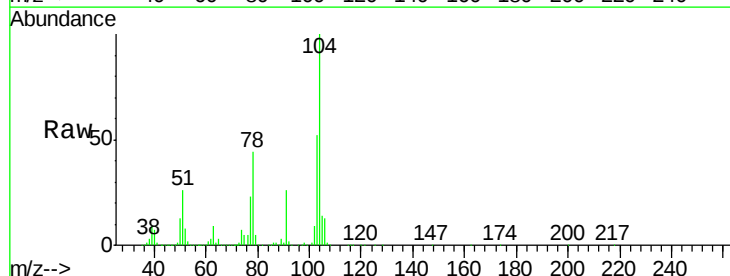
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

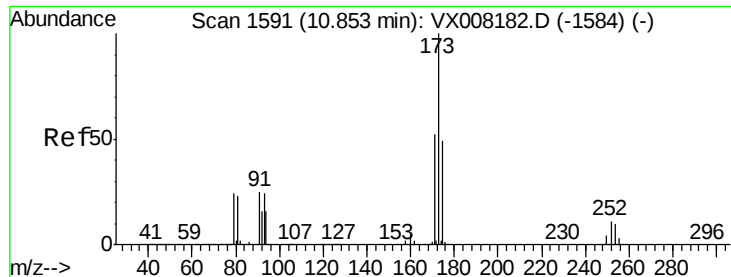
Tot Ion:106 Resp: 71265
Ion Ratio Lower Upper
106 100
91 211.9 106.3 318.9



#70
Styrene
Concen: 18.921 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion:104 Resp: 113095
Ion Ratio Lower Upper
104 100
78 50.6 38.5 57.7
103 56.1 44.1 66.1





#71

Bromoform

Concen: 21.004 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

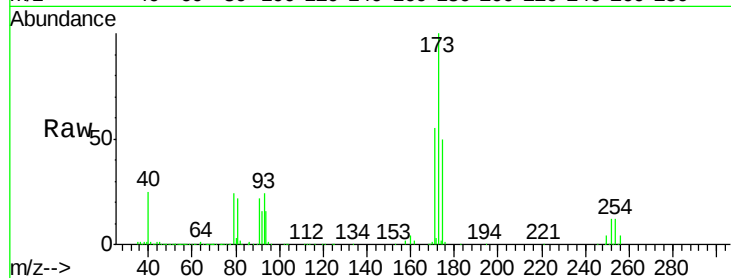
Tot Ion:173 Resp: 34549

Ion Ratio Lower Upper

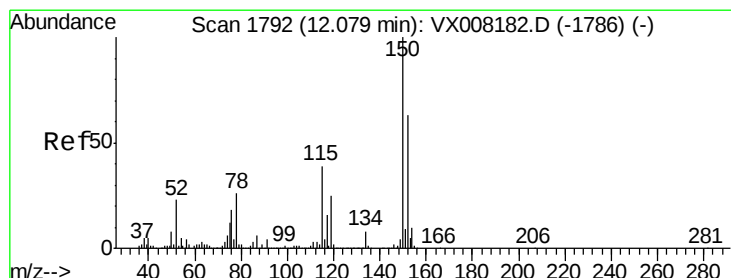
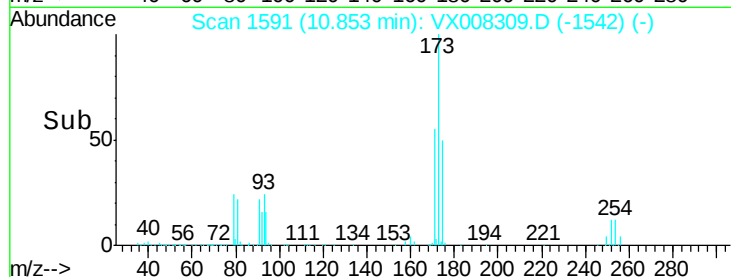
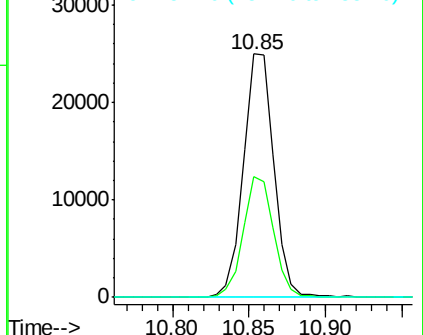
173 100

175 49.4 24.3 72.9

254 0.2 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: VX008309.D

Acq: 21 Mar 2019 23:41

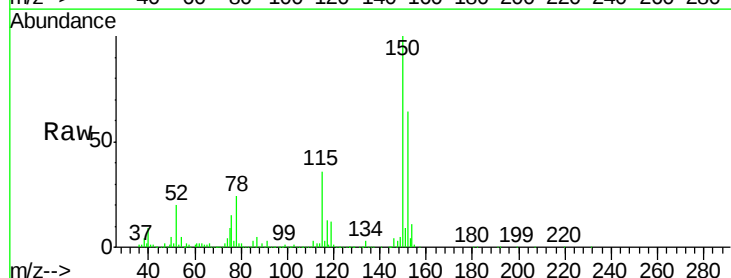
Tgt Ion:152 Resp: 111545

Ion Ratio Lower Upper

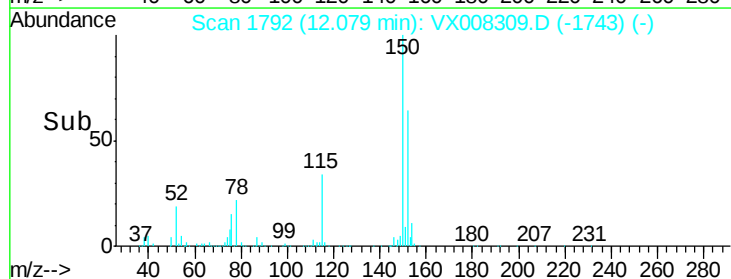
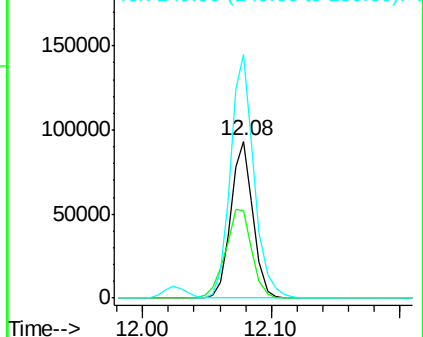
152 100

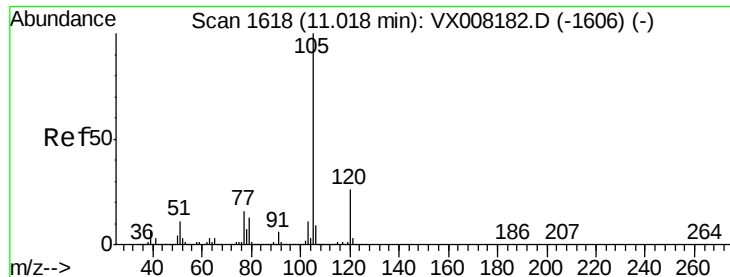
115 68.1 38.6 115.7

150 164.3 0.0 348.4



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





#73

Isopropylbenzene

Concen: 18.881 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

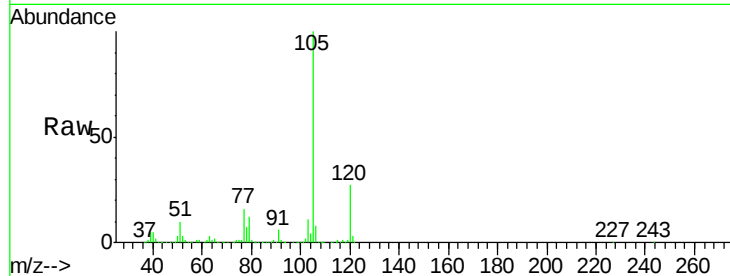
VX0321WBSD02

Tot Ion:105 Resp: 187725

Ion Ratio Lower Upper

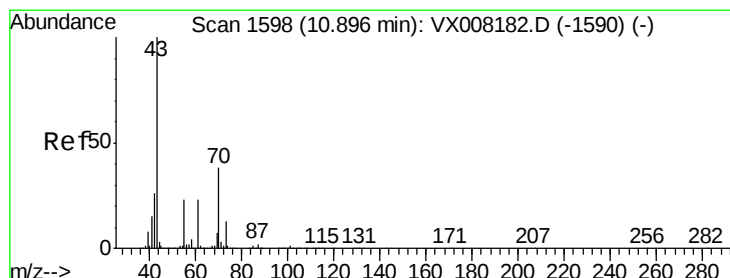
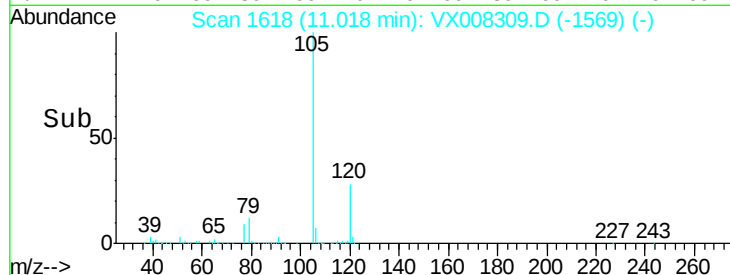
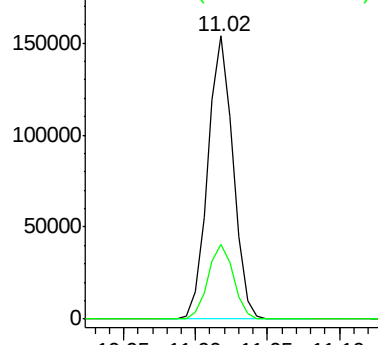
105 100

120 27.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.397 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Tgt Ion: 43 Resp: 80208

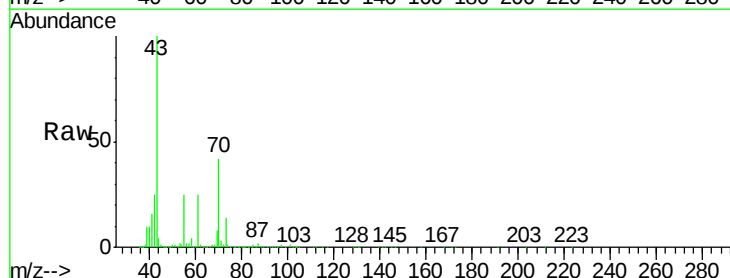
Ion Ratio Lower Upper

43 100

70 42.8 33.5 50.3

55 25.3 19.2 28.8

61 24.2 19.0 28.6

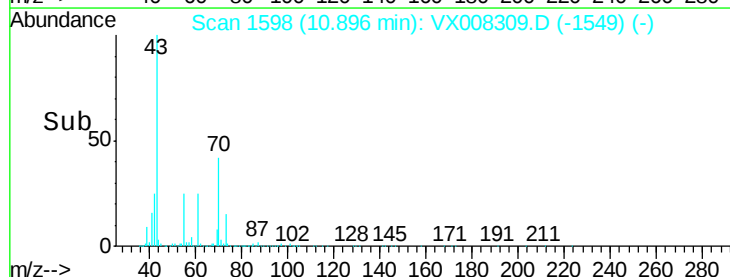
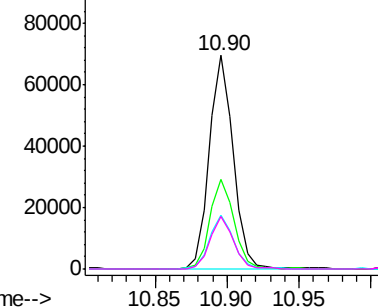


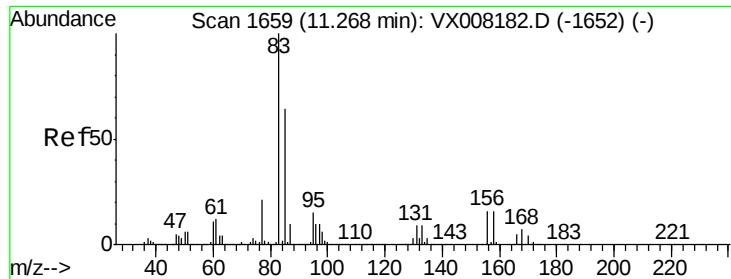
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 18.509 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

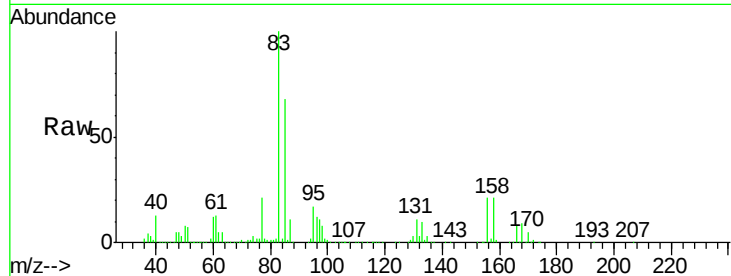
Tot Ion: 83 Resp: 65988

Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.4	16.2
85	65.5	32.3	96.8

83 100

131 10.4 5.4 16.2

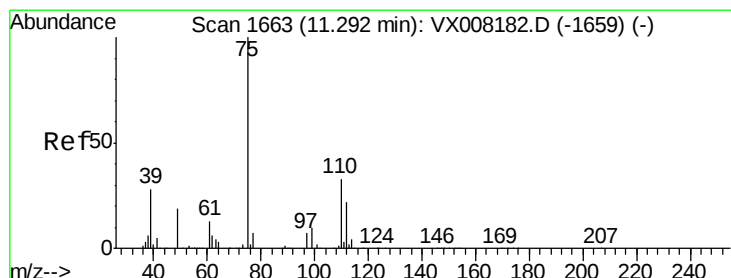
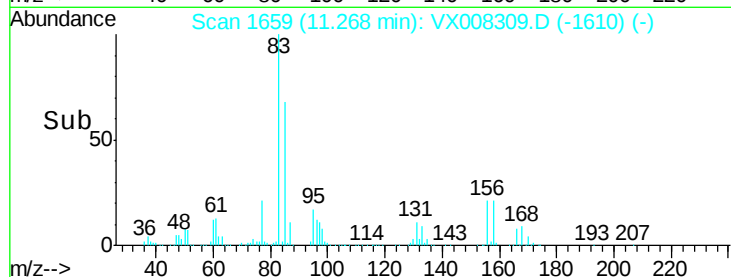
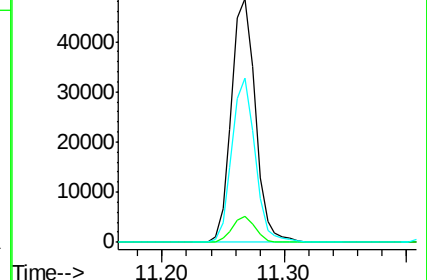
85 65.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.199 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX008309.D

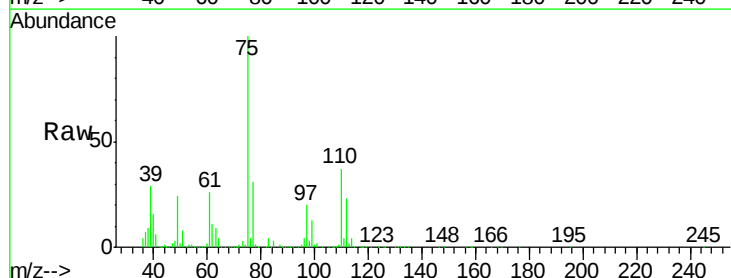
Acq: 21 Mar 2019 23:41

Tgt Ion: 75 Resp: 72783

Ion	Ratio	Lower	Upper
75	100		
77	32.1	18.9	56.7

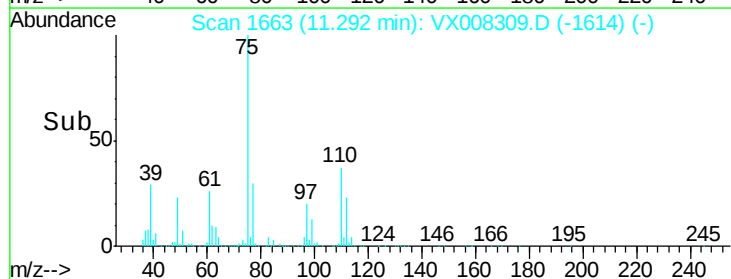
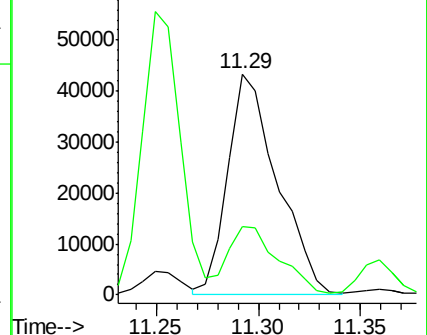
75 100

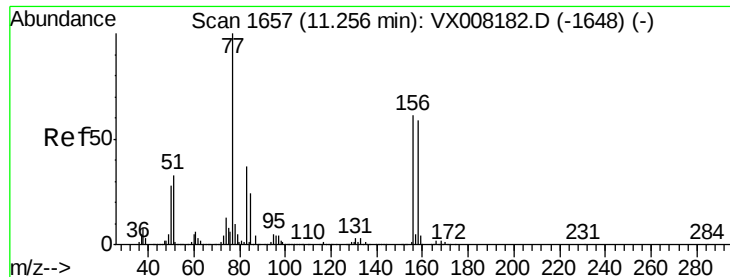
77 32.1 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.703 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

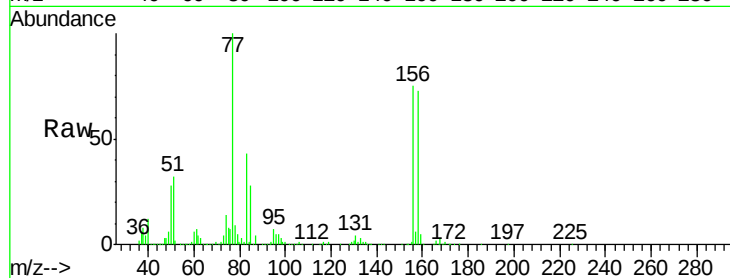
Tot Ion:156 Resp: 49768

Ion Ratio Lower Upper

156 100

77 144.4 72.0 215.9

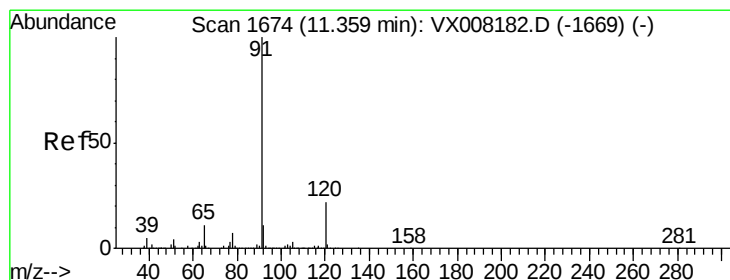
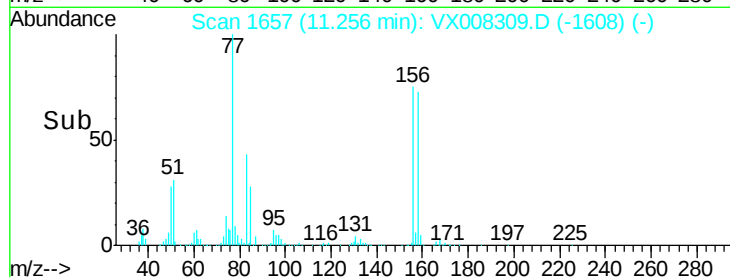
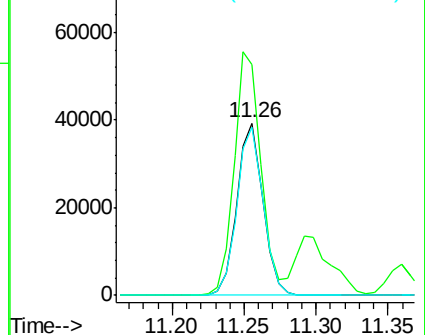
158 98.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.675 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008309.D

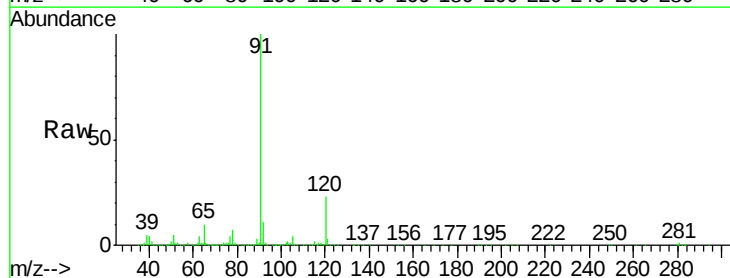
Acq: 21 Mar 2019 23:41

Tgt Ion: 91 Resp: 204106

Ion Ratio Lower Upper

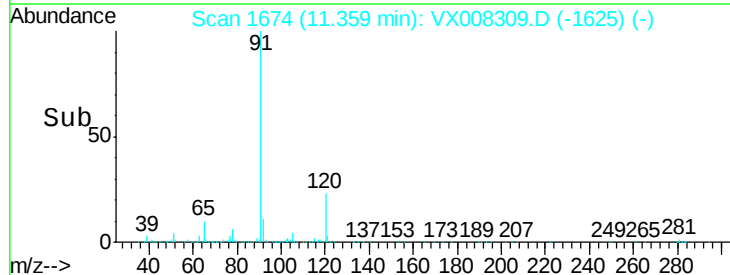
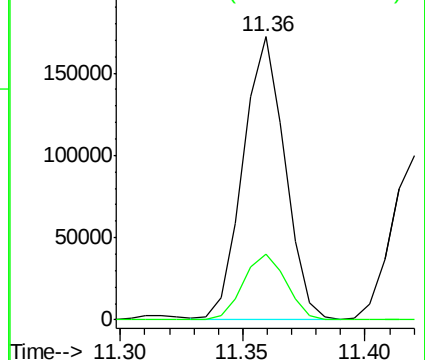
91 100

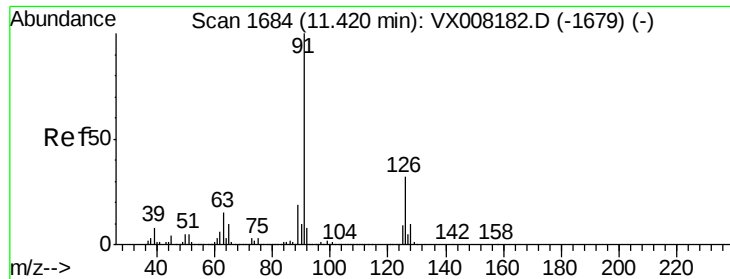
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

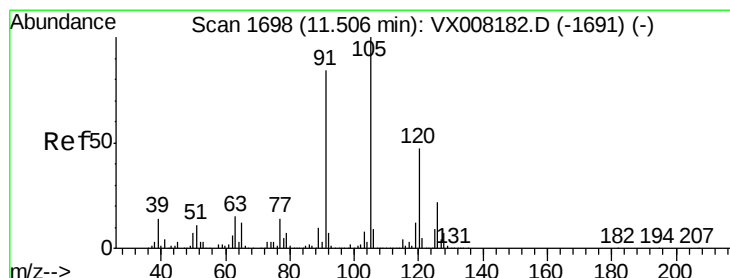
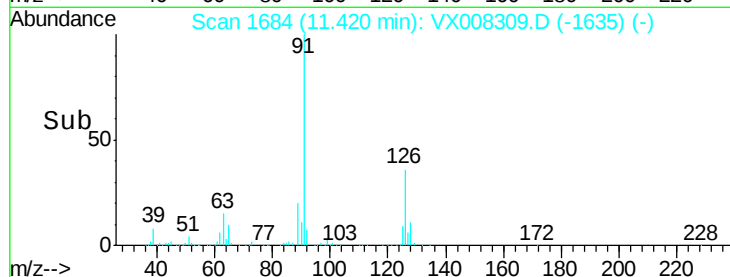
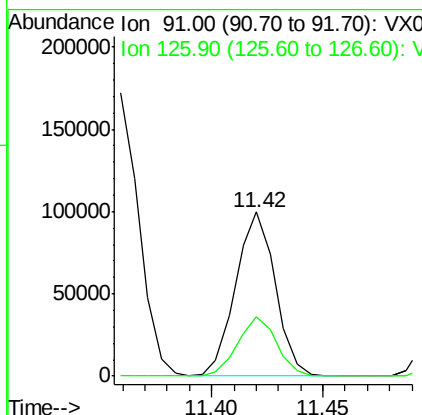
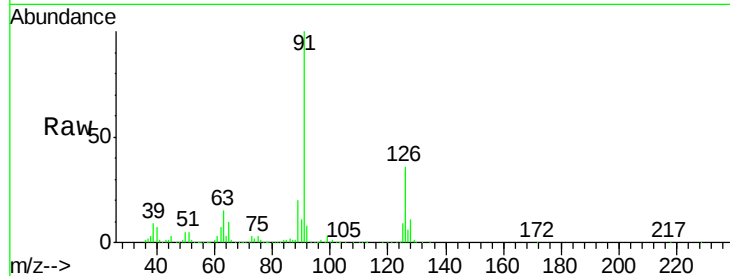




#79
 2-Chlorotoluene
 Concen: 17.744 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

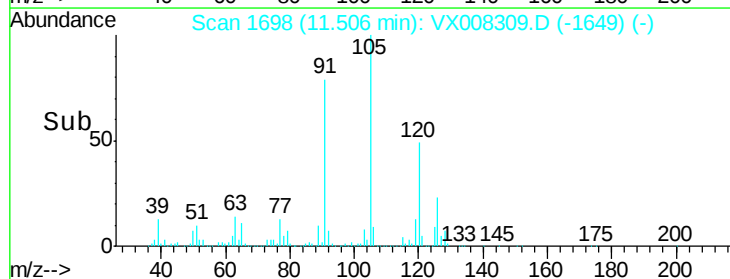
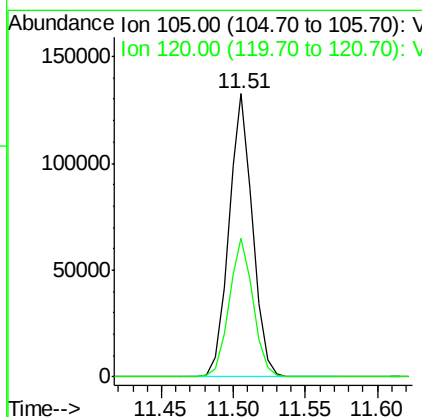
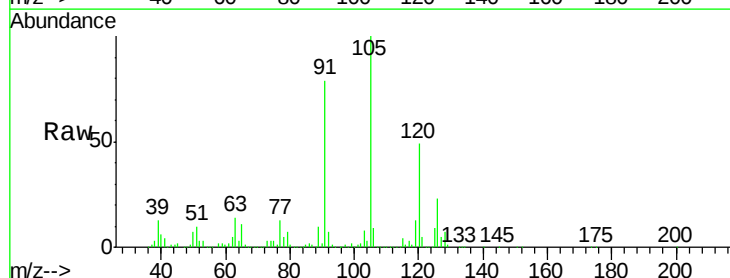
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

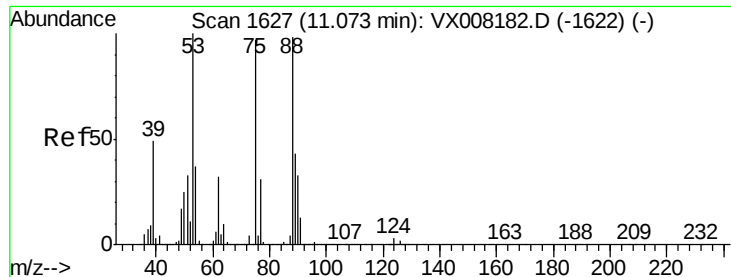
Tot Ion: 91 Resp: 122986
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 18.525 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

Tgt Ion: 105 Resp: 152167
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 13.770 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

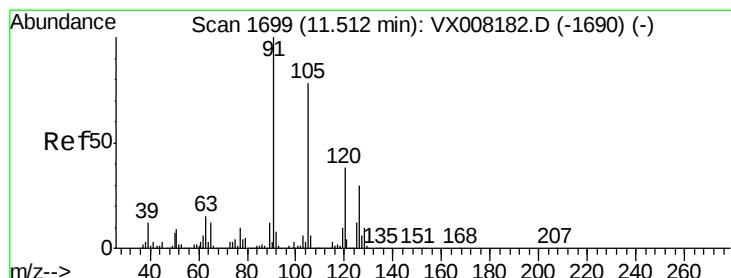
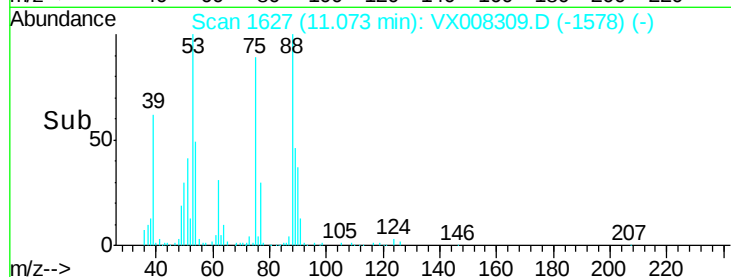
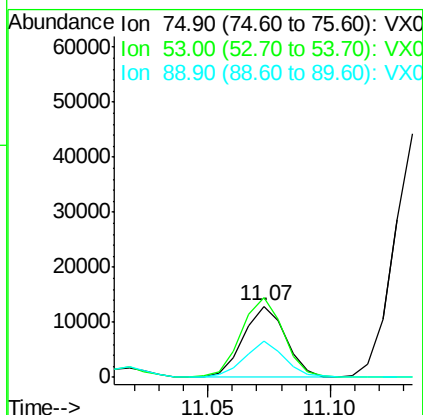
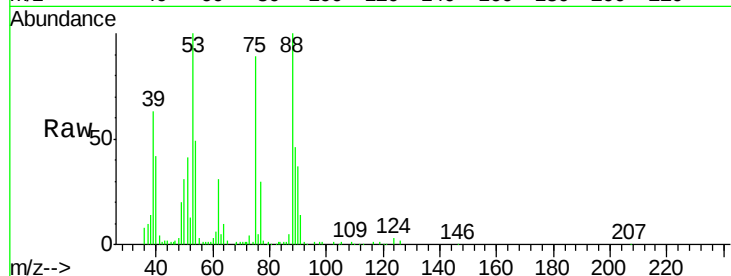
Tot Ion: 75 Resp: 15627

Ion Ratio Lower Upper

75 100

53 110.9 76.1 114.1

89 48.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.657 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008309.D

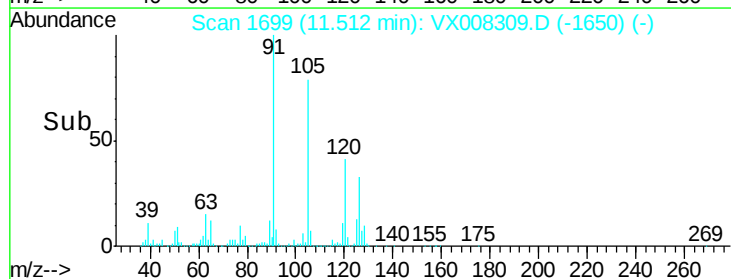
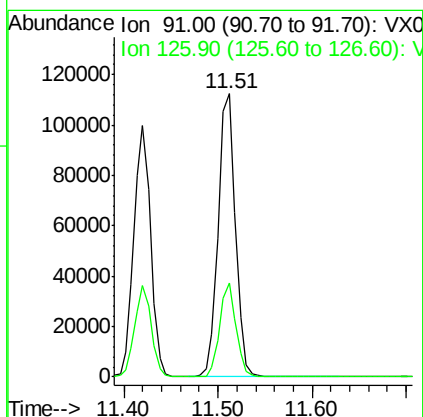
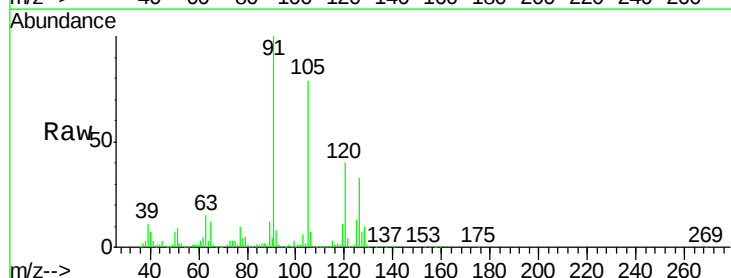
Acq: 21 Mar 2019 23:41

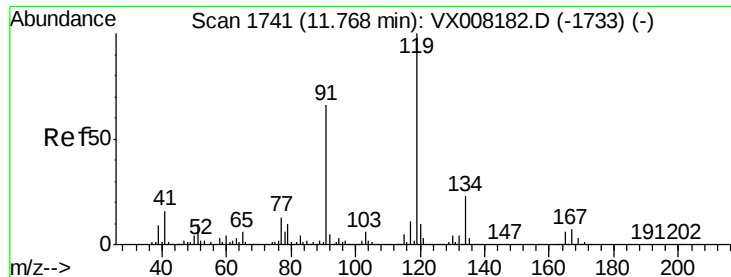
Tgt Ion: 91 Resp: 142411

Ion Ratio Lower Upper

91 100

126 31.6 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.156 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

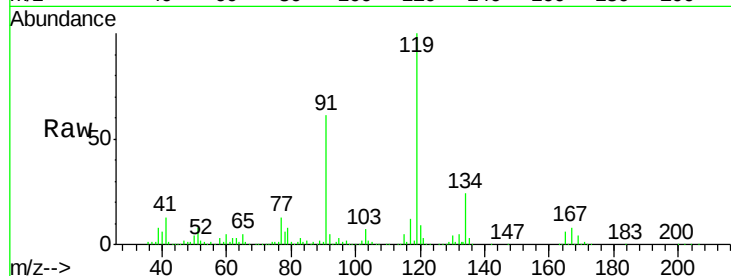
Tot Ion:119 Resp: 150227

Ion Ratio Lower Upper

119 100

91 57.7 27.1 81.3

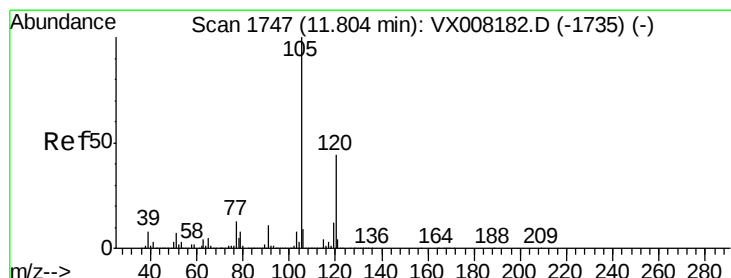
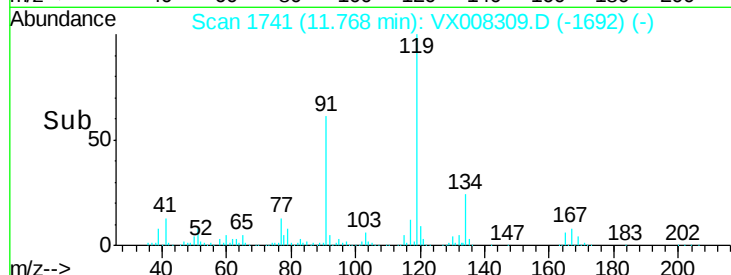
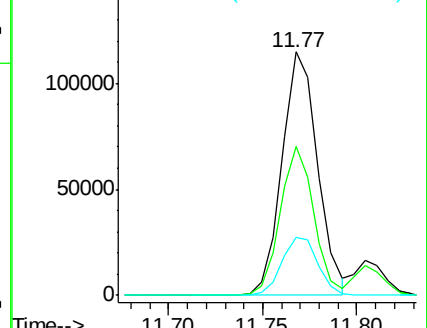
134 24.5 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.681 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008309.D

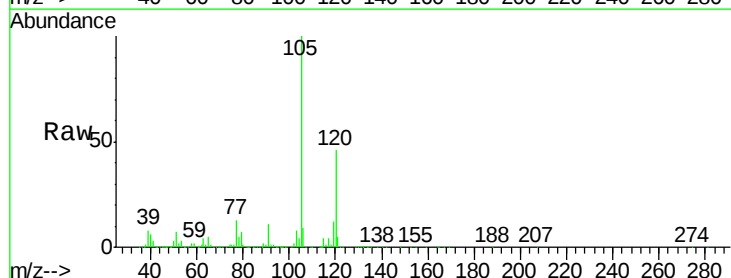
Acq: 21 Mar 2019 23:41

Tgt Ion:105 Resp: 155568

Ion Ratio Lower Upper

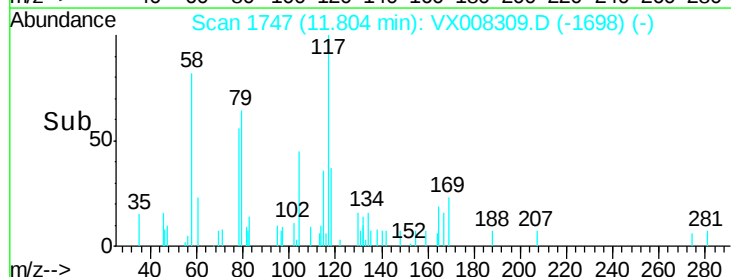
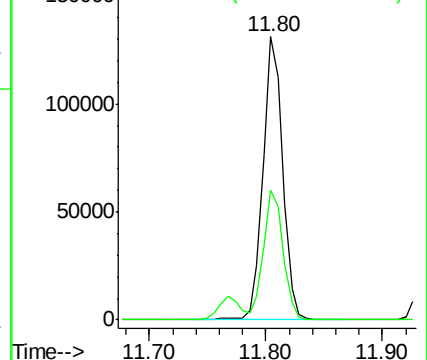
105 100

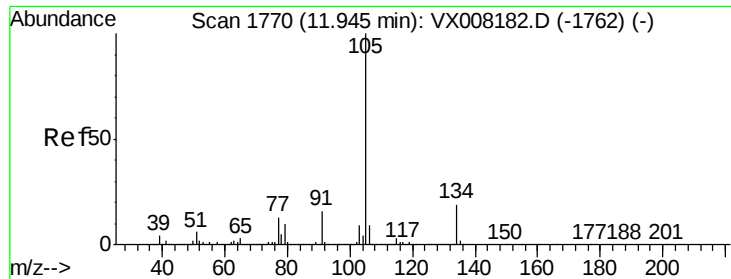
120 45.3 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

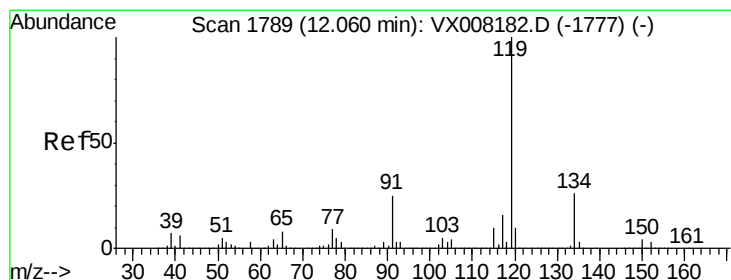
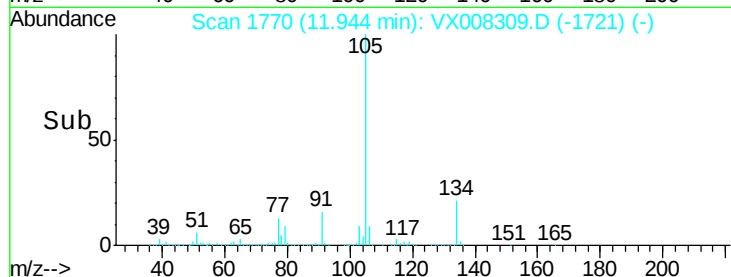
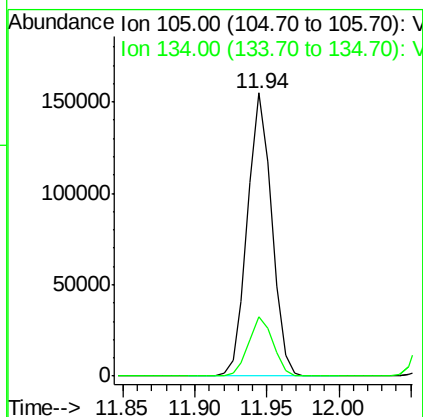
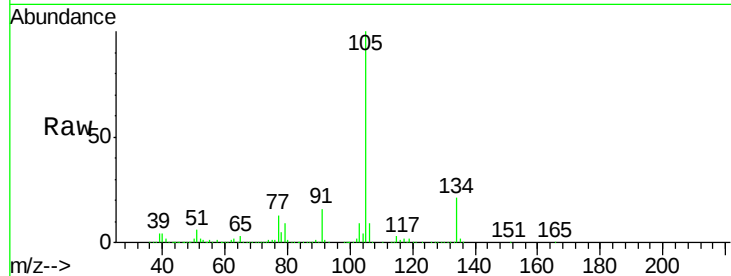




#85
 sec-Butylbenzene
 Concen: 18.544 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

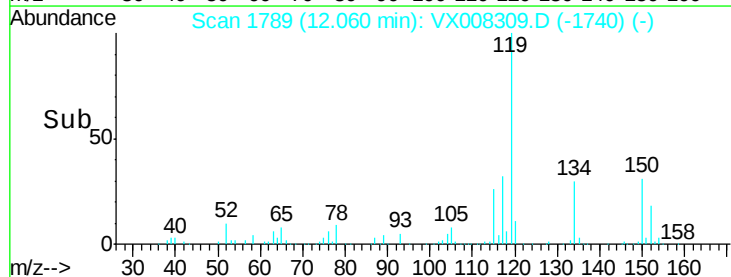
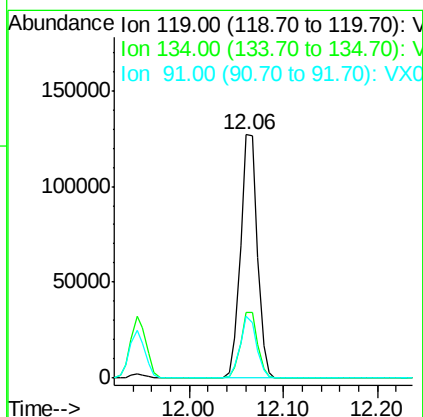
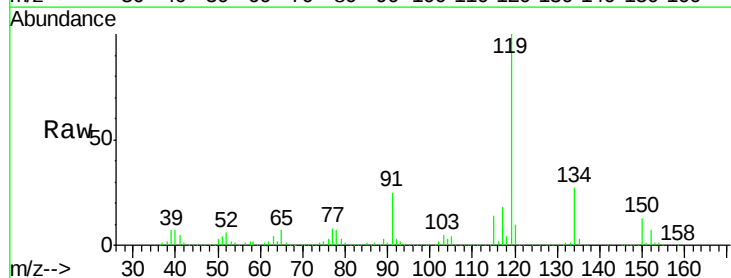
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

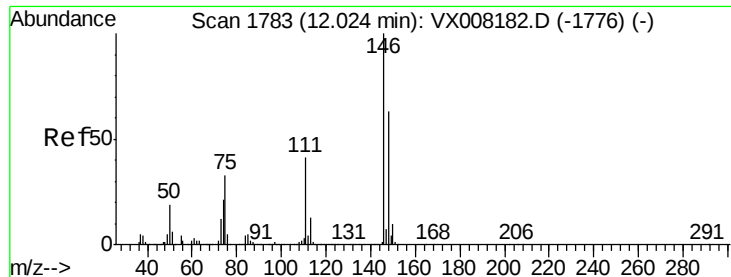
Tot Ion:105 Resp: 180094
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 18.839 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

Tgt Ion:119 Resp: 158371
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.9
 91 24.4 10.9 32.7

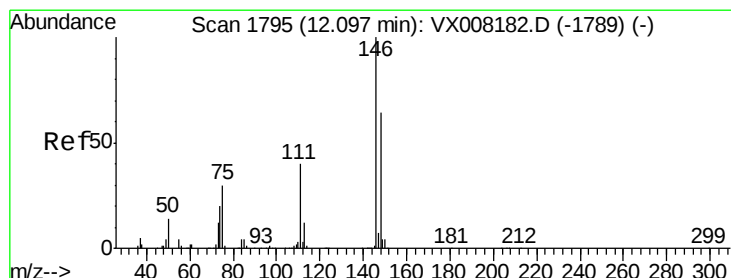
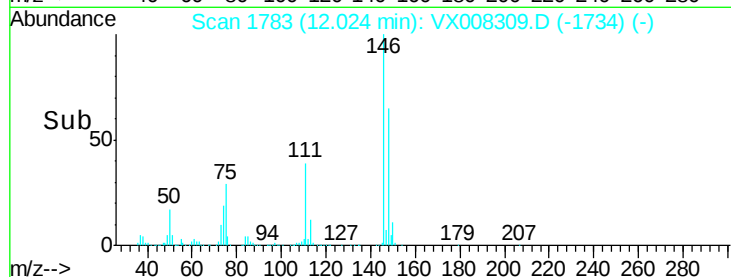
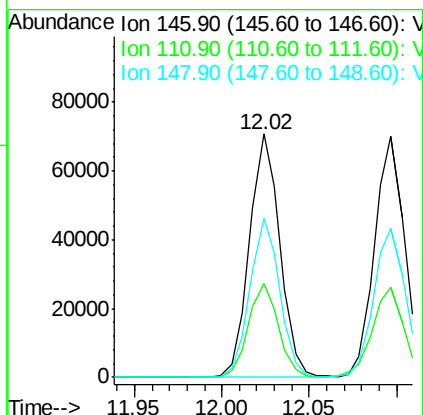
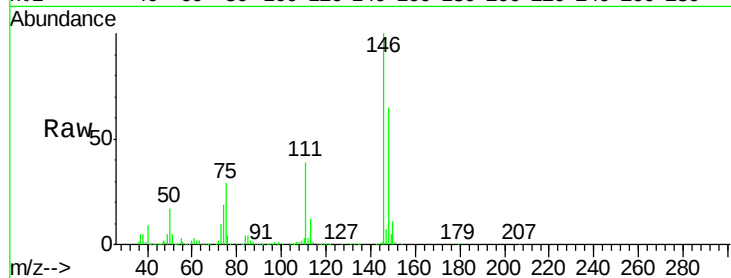




#87
 1,3-Dichlorobenzene
 Concen: 19.873 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

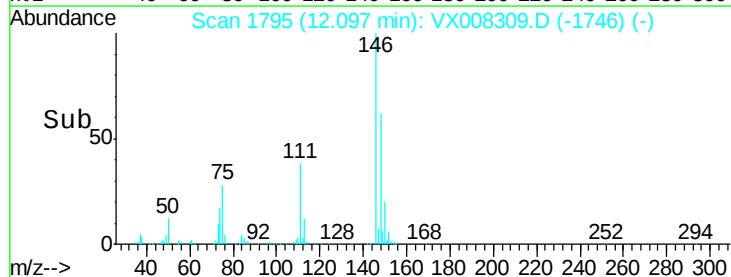
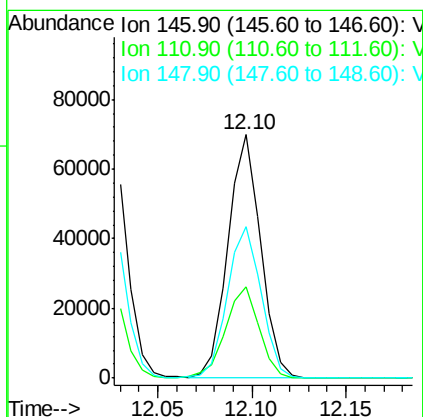
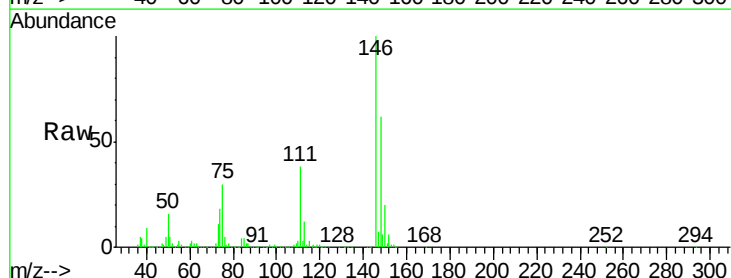
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBSD02

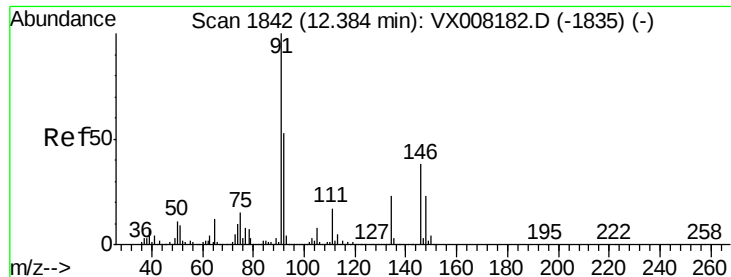
Tot Ion:146 Resp: 85377
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.9 56.7
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.854 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008309.D
 Acq: 21 Mar 2019 23:41

Tgt Ion:146 Resp: 83786
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.4 55.0
 148 65.2 32.2 96.6

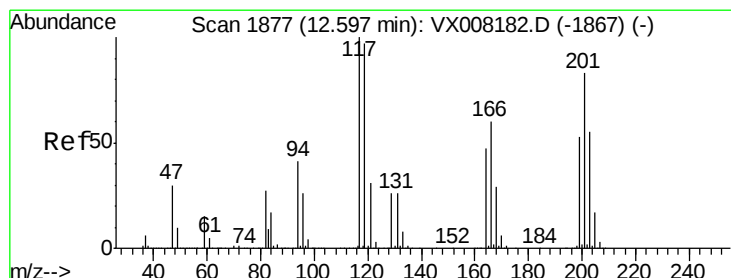
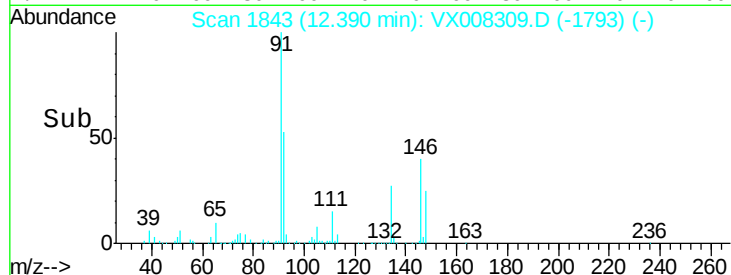
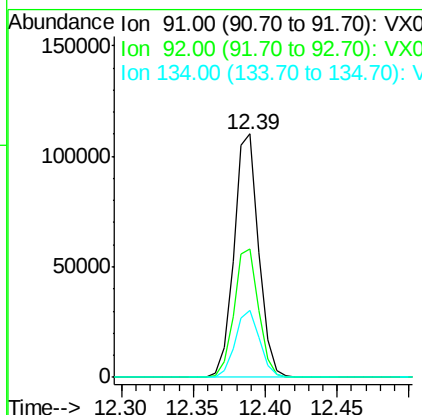
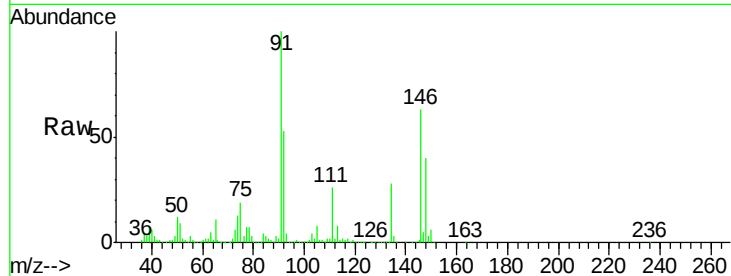




#89
n-Butylbenzene
Concen: 16.760 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

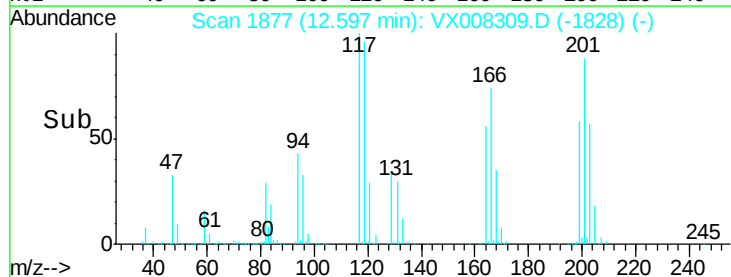
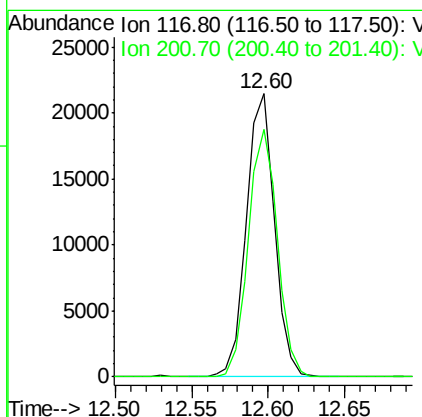
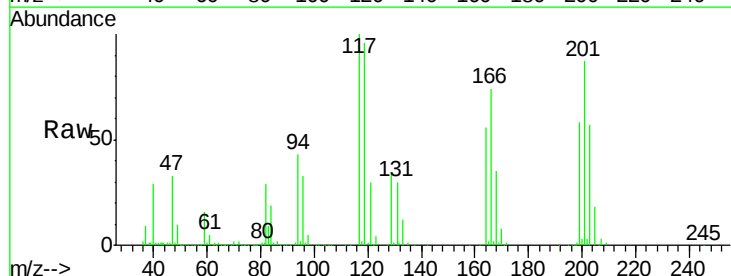
Instrument :
MSVOA_X
ClientSampleId :
VX0321WBSD02

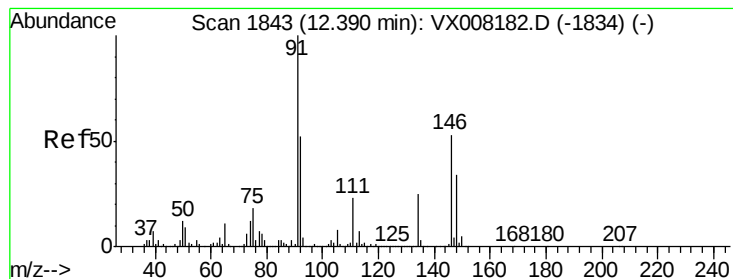
Tot Ion: 91 Resp: 132239
Ion Ratio Lower Upper
91 100
92 52.8 27.0 80.8
134 27.2 13.7 41.0



#90
Hexachloroethane
Concen: 19.106 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008309.D
Acq: 21 Mar 2019 23:41

Tgt Ion: 117 Resp: 27355
Ion Ratio Lower Upper
117 100
201 90.4 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 19.793 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

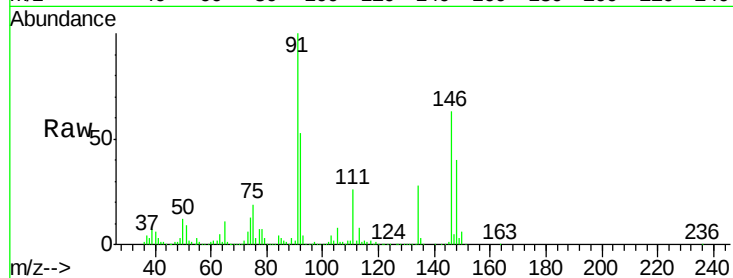
Tot Ion:146 Resp: 85741

Ion Ratio Lower Upper

146 100

111 39.9 19.6 58.8

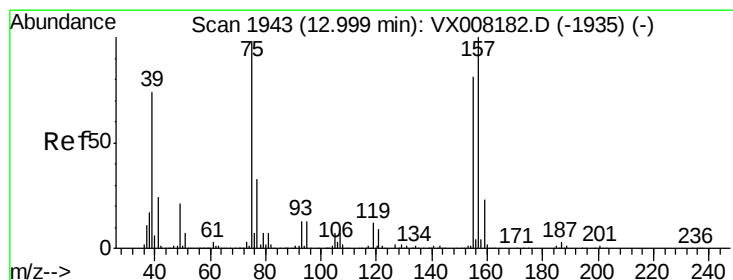
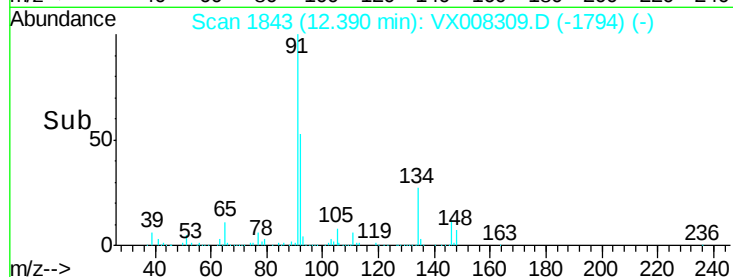
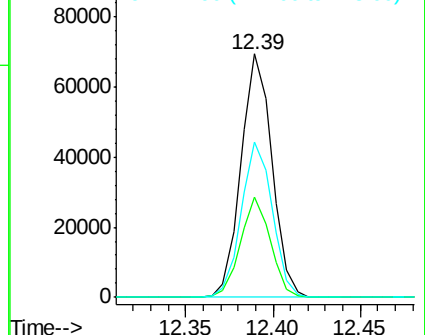
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.355 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

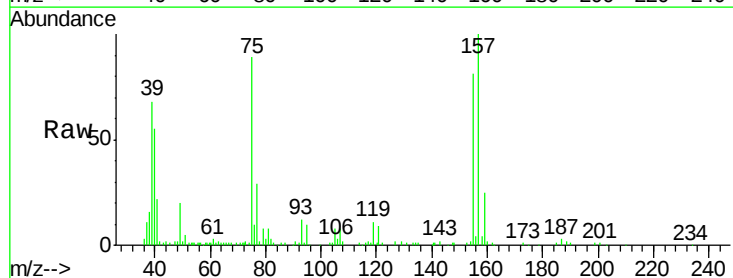
Tgt Ion: 75 Resp: 14535

Ion Ratio Lower Upper

75 100

155 88.7 49.7 149.1

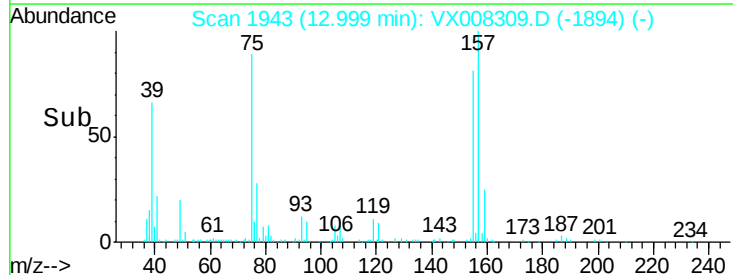
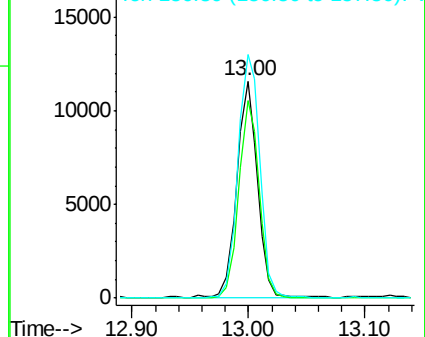
157 117.2 63.8 191.4

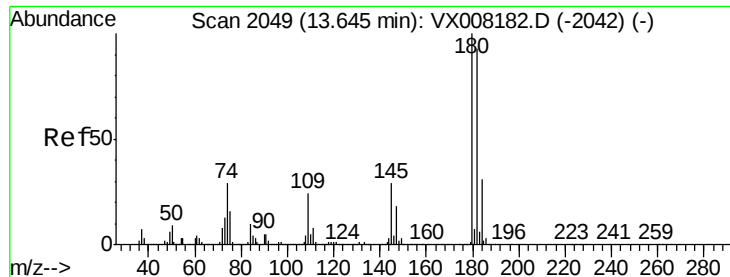


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 20.088 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Instrument :

MSVOA_X

ClientSampleId :

VX0321WBSD02

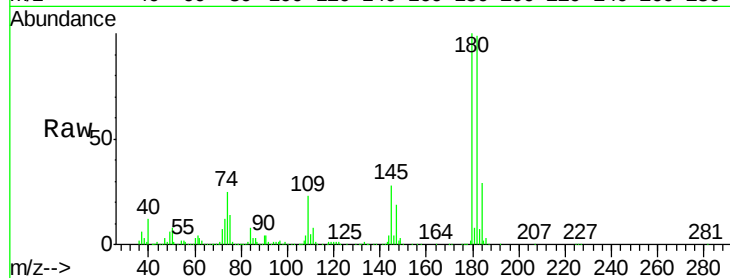
Tot Ion:180 Resp: 57317

Ion Ratio Lower Upper

180 100

182 96.7 47.9 143.7

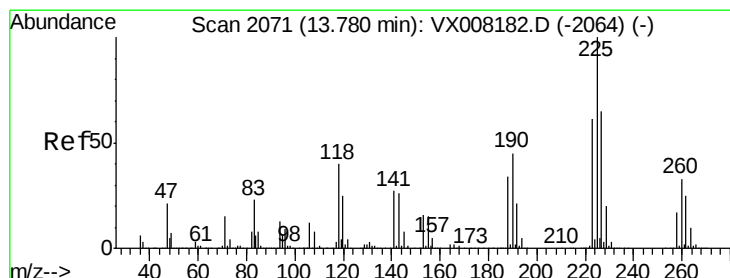
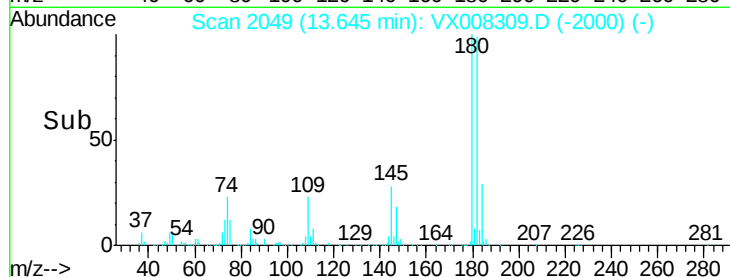
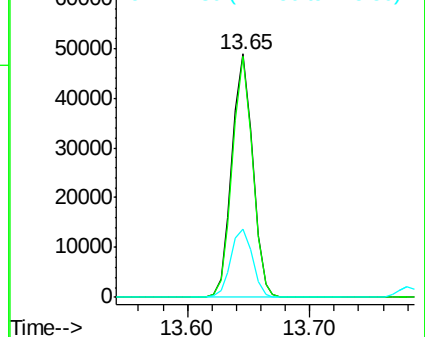
145 29.5 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 21.099 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX008309.D

Acq: 21 Mar 2019 23:41

Tgt Ion:225 Resp: 29361

Ion Ratio Lower Upper

225 100

223 63.0 31.1 93.2

227 65.2 32.0 96.0

