

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008233.D
 Acq On : 20 Mar 2019 11:31
 Operator : JC/SP
 Sample : VX0320WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

Quant Time: Mar 22 05:28:37 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	5.66	168	313441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	498480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213559	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	208055	44.07	ug/l	0.00
Spiked Amount			Recovery	=	88.14%	
35) Dibromofluoromethane	5.50	113	155535	46.61	ug/l	0.00
Spiked Amount			Recovery	=	93.22%	
50) Toluene-d8	8.71	98	610849	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	11.13	95	217843	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	76457	20.119	ug/l	100
3) Chloromethane	1.33	50	86640	18.170	ug/l	100
4) Vinyl Chloride	1.41	62	88315	18.576	ug/l	100
5) Bromomethane	1.64	94	62876	15.525	ug/l	100
6) Chloroethane	1.73	64	55536	18.630	ug/l	100
7) Trichlorofluoromethane	1.93	101	110725	18.249	ug/l	96
8) Diethyl Ether	2.19	74	61117	19.578	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	81565	20.248	ug/l	91
10) Methyl Iodide	2.51	142	99937	19.484	ug/l	97
11) Tert butyl alcohol	3.04	59	95434	94.435	ug/l	98
12) 1,1-Dichloroethene	2.37	96	75459	19.841	ug/l	93
13) Acrolein	2.29	56	57588	73.556	ug/l	100
14) Allyl chloride	2.73	41	157082	18.974	ug/l	93
15) Acrylonitrile	3.14	53	259137	96.946	ug/l	99
16) Acetone	2.44	43	255278	95.345	ug/l	96
17) Carbon Disulfide	2.57	76	229663	18.926	ug/l	100
18) Methyl Acetate	2.78	43	126420	20.395	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	268985	19.561	ug/l	100
20) Methylene Chloride	2.86	84	85444	19.138	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	78985	19.224	ug/l	91
22) Diisopropyl ether	3.85	45	315443	19.454	ug/l	# 85
23) Vinyl Acetate	3.81	43	1366596	98.306	ug/l	98
24) 1,1-Dichloroethane	3.70	63	163493	19.605	ug/l	99
25) 2-Butanone	4.67	43	384914	97.392	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118772	18.906	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	89378	19.083	ug/l	90
28) Bromochloromethane	5.02	49	61400	16.397	ug/l	84
29) Tetrahydrofuran	5.13	42	244825	99.093	ug/l	98
30) Chloroform	5.21	83	151057	19.364	ug/l	99
31) Cyclohexane	5.58	56	158463	20.235	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	125578	19.352	ug/l	96
36) 1,1-Dichloropropene	5.80	75	117553	20.255	ug/l	98
37) Ethyl Acetate	4.83	43	142273	20.738	ug/l	97
38) Carbon Tetrachloride	5.78	117	105013	20.308	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	149009	21.336	ug/l	94
40) Benzene	6.14	78	353042	20.553	ug/l	99
41) Methacrylonitrile	5.04	41	80403	20.893	ug/l	96
42) 1,2-Dichloroethane	6.19	62	127128	20.203	ug/l	96
43) Isopropyl Acetate	6.44	43	223351	20.311	ug/l	97
44) Trichloroethene	7.21	130	86157	20.513	ug/l	92
45) 1,2-Dichloropropane	7.51	63	97194	20.212	ug/l	98
46) Dibromomethane	7.66	93	58570	20.117	ug/l #	85
47) Bromodichloromethane	7.90	83	111620	20.117	ug/l	99
48) Methyl methacrylate	7.77	41	117901	20.164	ug/l	94
49) 1,4-Dioxane	7.74	88	42100	408.022	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	743117	104.529	ug/l	98
52) Toluene	8.78	92	210768	20.682	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	122448	18.543	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	137843	20.017	ug/l #	91
55) 1,1,2-Trichloroethane	9.21	97	86588	21.030	ug/l	99
56) Ethyl methacrylate	9.18	69	140564	19.784	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	149831	20.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	302850	89.773	ug/l	94
59) 2-Hexanone	9.49	43	571279	104.377	ug/l	96
60) Dibromochloromethane	9.58	129	81212	20.524	ug/l	99
61) 1,2-Dibromoethane	9.67	107	88402	20.562	ug/l	99
64) Tetrachloroethene	9.34	164	86753	21.574	ug/l	97
65) Chlorobenzene	10.13	112	224482	20.468	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	77130	20.171	ug/l	98
67) Ethyl Benzene	10.25	91	398667	20.628	ug/l	98
68) m/p-Xylenes	10.36	106	296545	41.770	ug/l	94
69) o-Xylene	10.69	106	143761	20.839	ug/l	94
70) Styrene	10.71	104	234931	20.955	ug/l	96
71) Bromoform	10.85	173	59016	19.326	ug/l #	99
73) Isopropylbenzene	11.02	105	388937	20.432	ug/l	99
74) N-amyl acetate	10.90	43	192306	19.282	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	131109	19.208	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158677	26.417	ug/l	91
77) Bromobenzene	11.26	156	91630	19.909	ug/l	85
78) n-propylbenzene	11.36	91	456972	20.669	ug/l	96
79) 2-Chlorotoluene	11.42	91	267266	20.140	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	322577	20.512	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	39730	17.814	ug/l	89
82) 4-Chlorotoluene	11.51	91	307943	19.942	ug/l	95
83) tert-Butylbenzene	11.77	119	302345	20.137	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	328150	20.582	ug/l	97
85) sec-Butylbenzene	11.94	105	386818	20.804	ug/l	97
86) p-Isopropyltoluene	12.06	119	334482	20.782	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	164978	20.057	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	165112	19.407	ug/l	96
89) n-Butylbenzene	12.38	91	305992	20.256	ug/l	96
90) Hexachloroethane	12.60	117	56000	20.430	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	165534	19.960	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	28599	18.864	ug/l	80

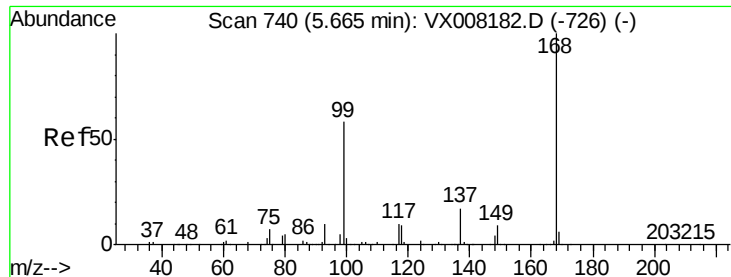
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX032019\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109512	20.047	ug/l	98
94) Hexachlorobutadiene	13.78	225	56840	21.334	ug/l	99
95) Naphthalene	13.83	128	342850	19.885	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108130	20.116	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

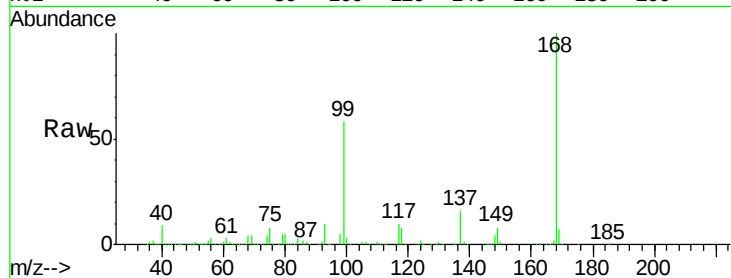
VX0320WBS01

Tot Ion:168 Resp: 313441

Ion Ratio Lower Upper

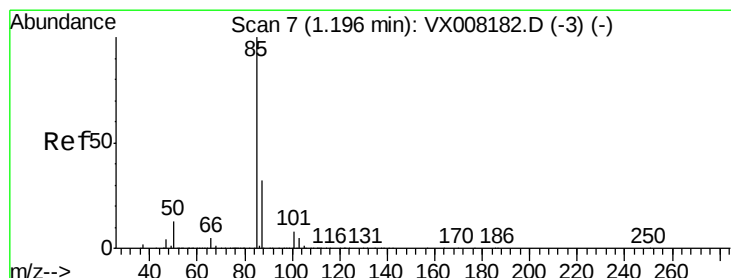
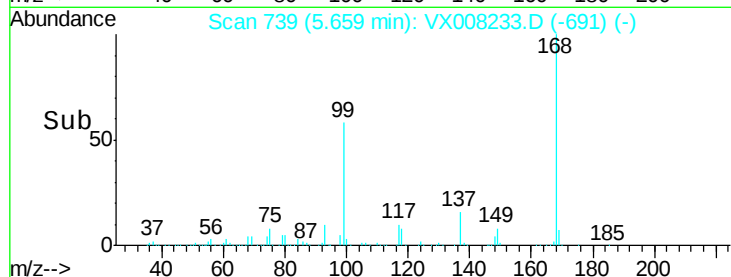
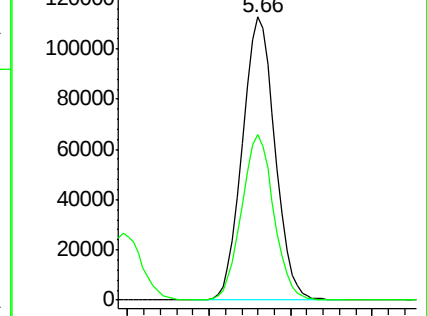
168 100

99 58.2 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: 20.119 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008233.D

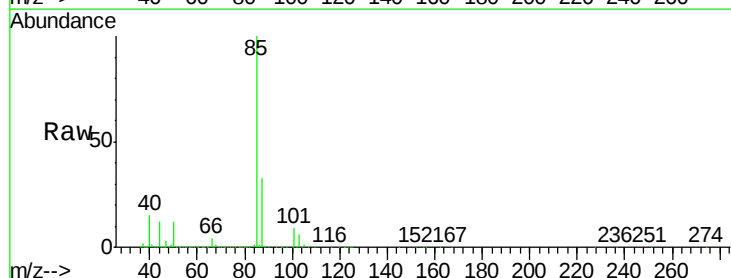
Acq: 20 Mar 2019 11:31

Tgt Ion: 85 Resp: 76457

Ion Ratio Lower Upper

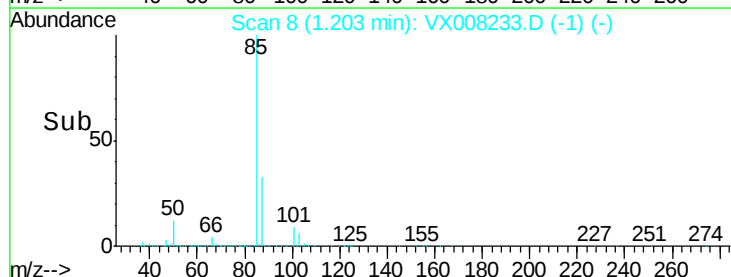
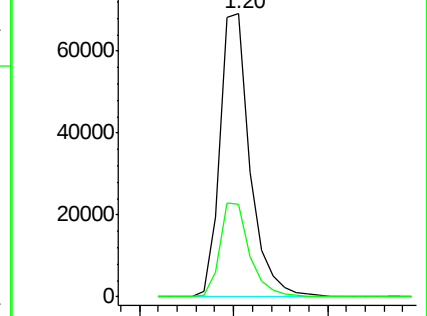
85 100

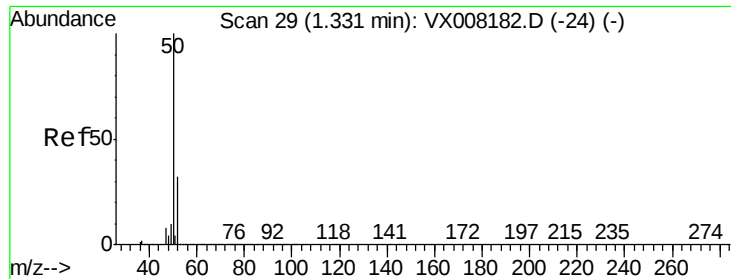
87 32.5 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.170 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

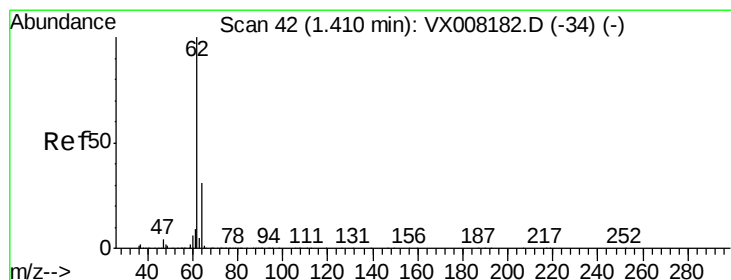
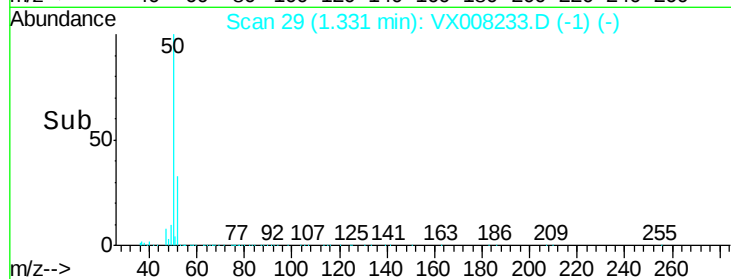
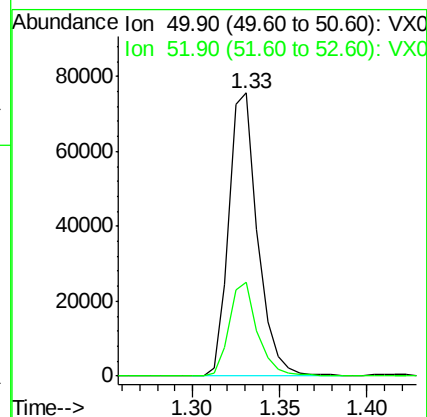
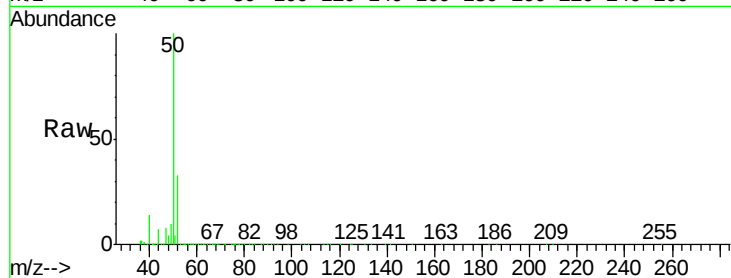
VX0320WBS01

Tot Ion: 50 Resp: 86640

Ion Ratio Lower Upper

50 100

52 32.9 26.5 39.7



#4

Vinyl Chloride

Concen: 18.576 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008233.D

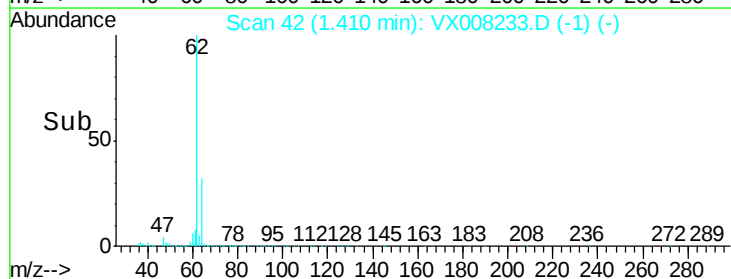
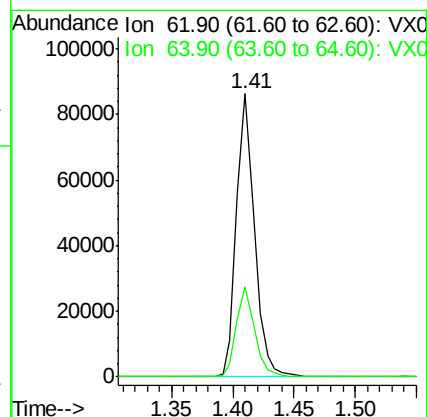
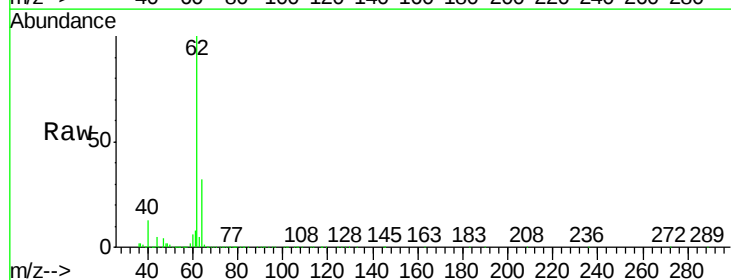
Acq: 20 Mar 2019 11:31

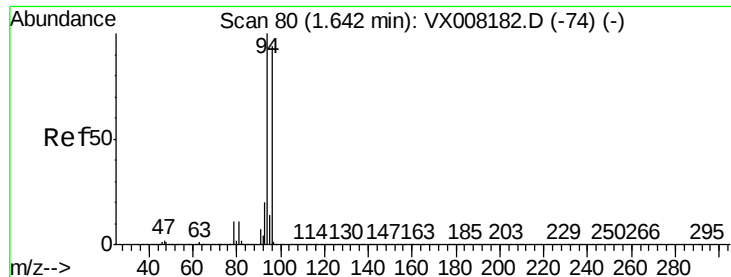
Tgt Ion: 62 Resp: 88315

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 15.525 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

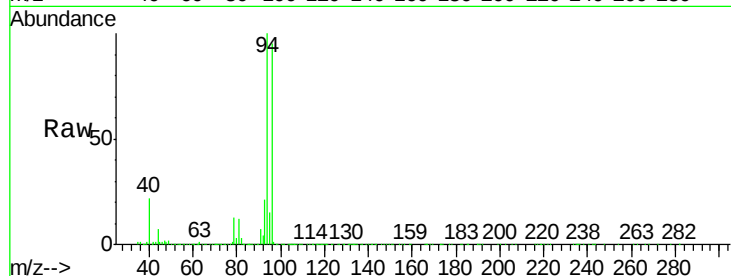
VX0320WBS01

Tot Ion: 94 Resp: 62876

Ion Ratio Lower Upper

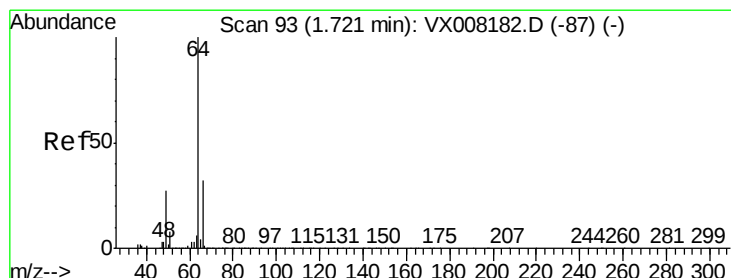
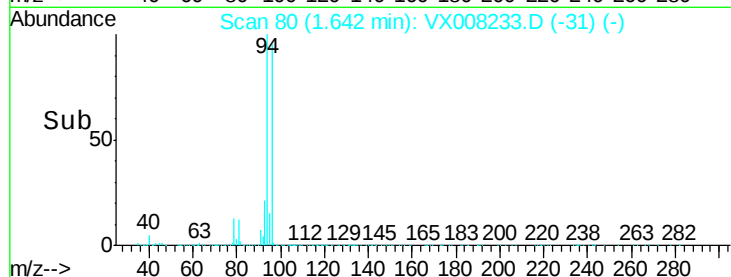
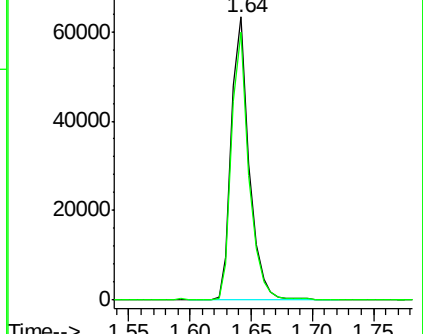
94 100

96 94.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.630 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008233.D

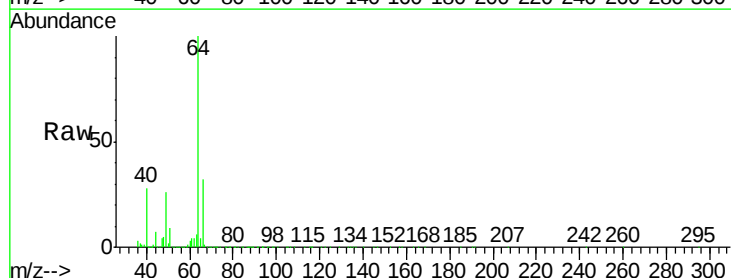
Acq: 20 Mar 2019 11:31

Tgt Ion: 64 Resp: 55536

Ion Ratio Lower Upper

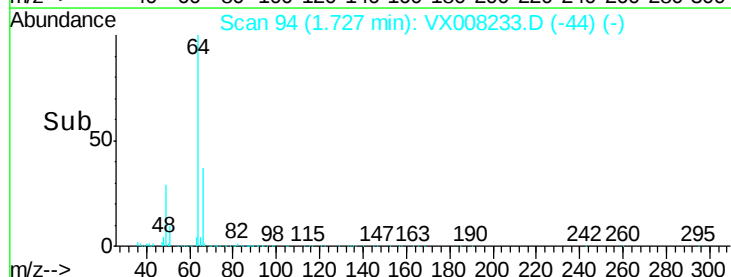
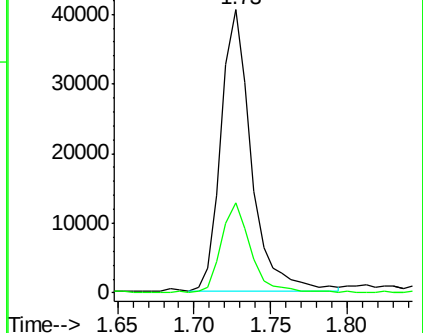
64 100

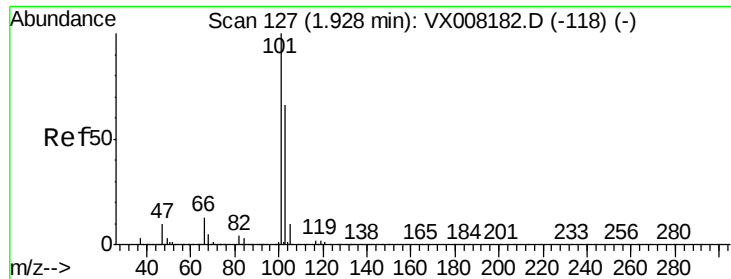
66 31.6 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



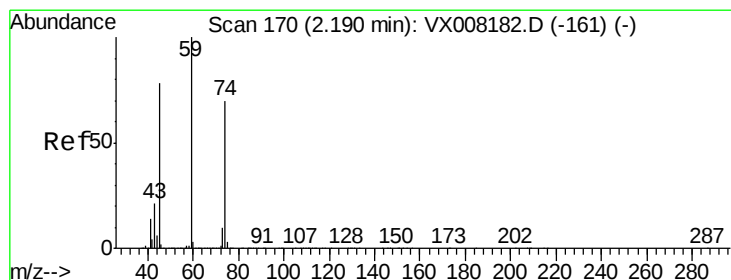
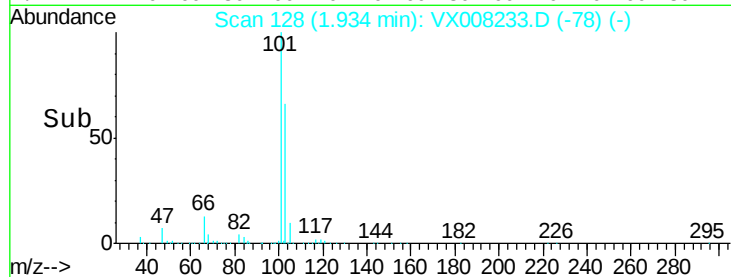
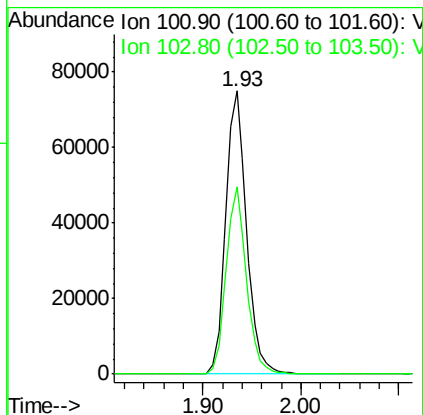
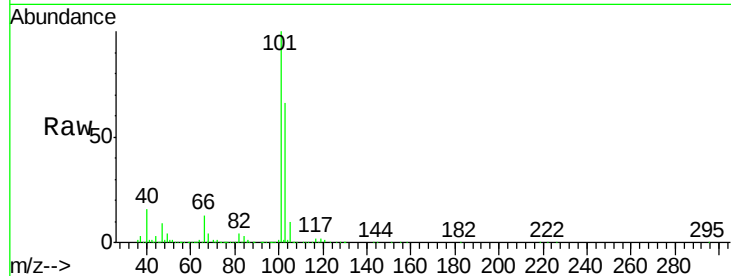


#7

Trichlorofluoromethane
 Concen: 18.249 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

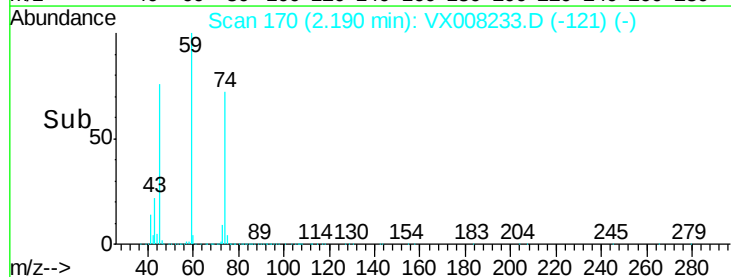
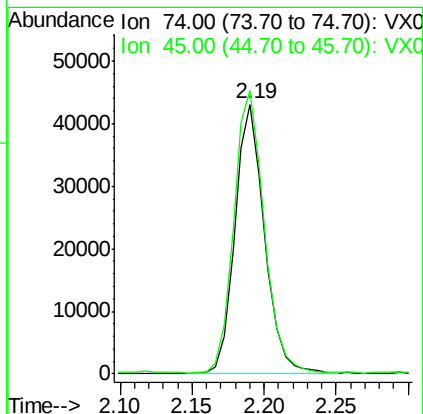
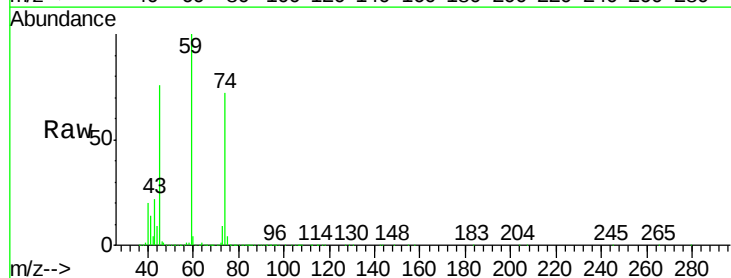
Tot Ion:101 Resp: 110725
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.4 75.6

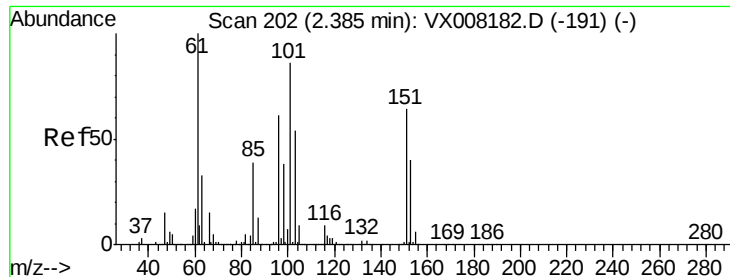


#8

Diethyl Ether
 Concen: 19.578 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion: 74 Resp: 61117
 Ion Ratio Lower Upper
 74 100
 45 108.1 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.248 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0320WBS01

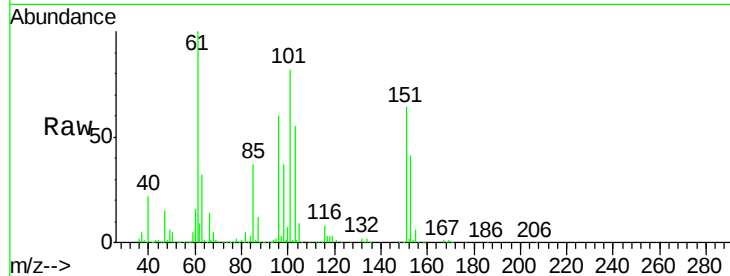
Tot Ion:101 Resp: 81565

Ion Ratio Lower Upper

101 100

85 45.1 33.8 50.6

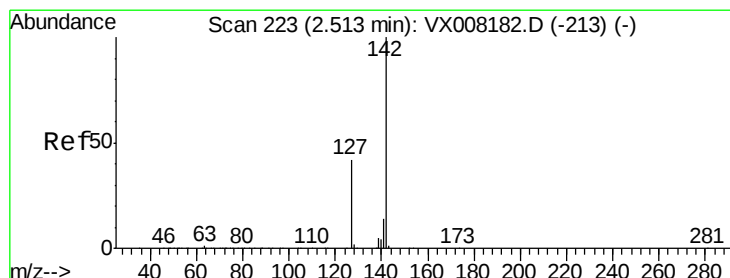
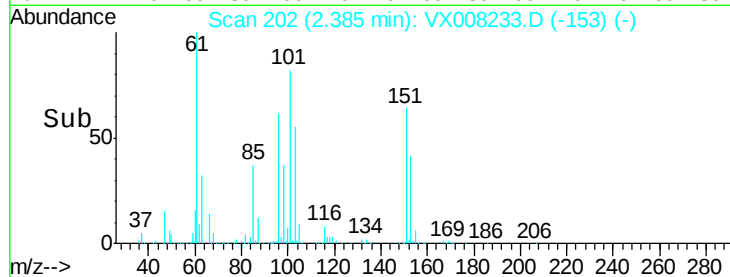
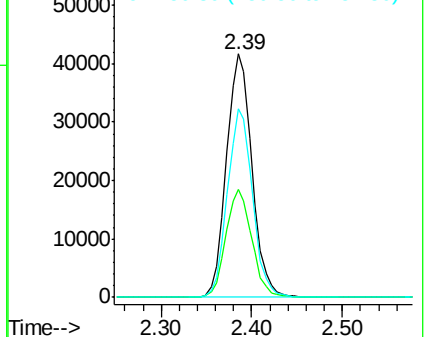
151 76.0 69.1 103.7



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: 19.484 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

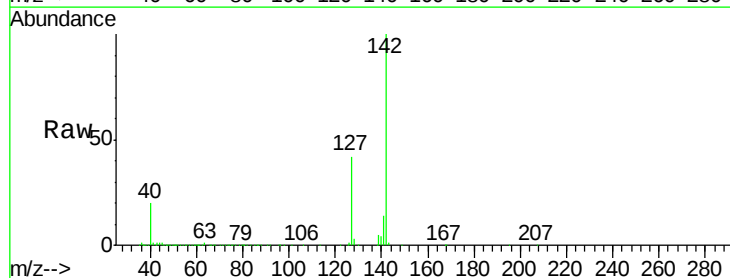
Tgt Ion:142 Resp: 99937

Ion Ratio Lower Upper

142 100

127 42.4 32.1 48.1

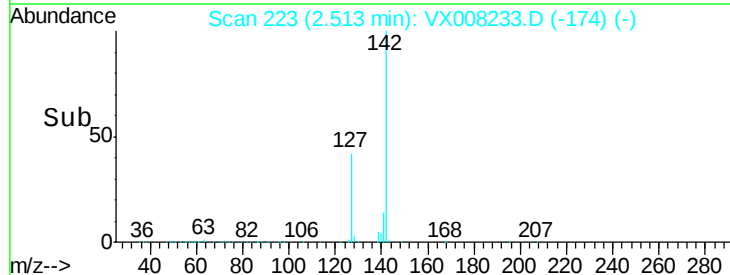
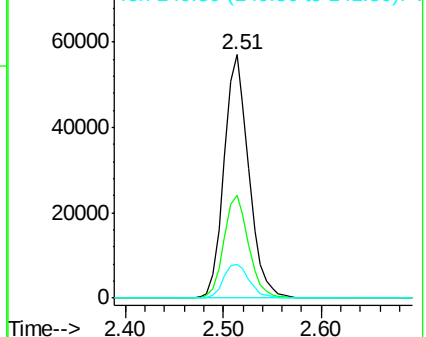
141 14.7 11.4 17.2

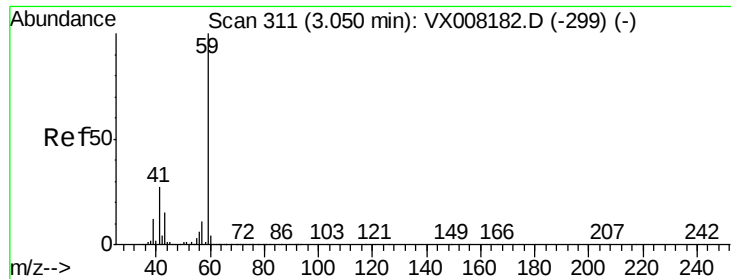


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



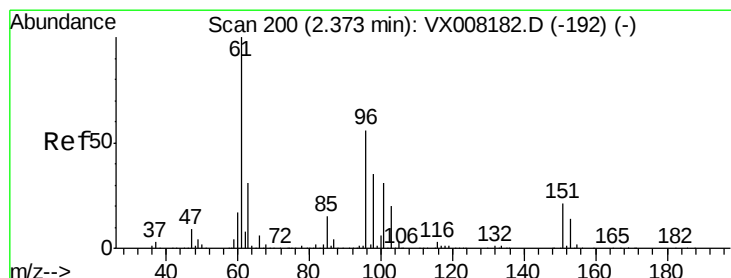
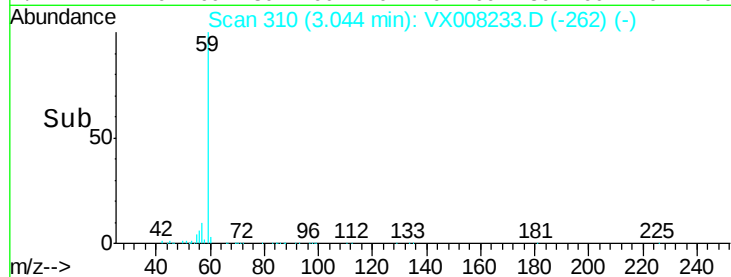
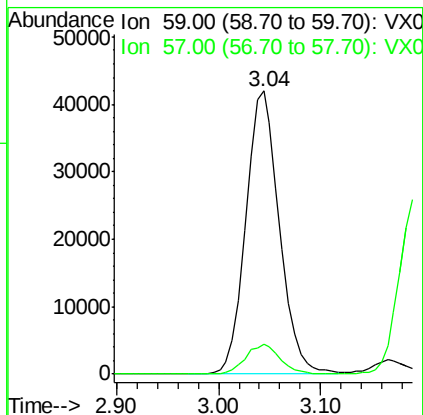
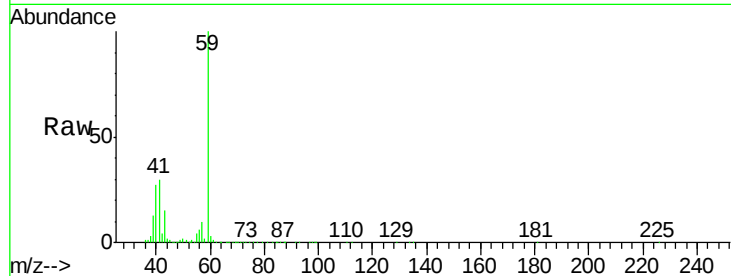


#11

Tert butyl alcohol
 Concen: 94.435 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

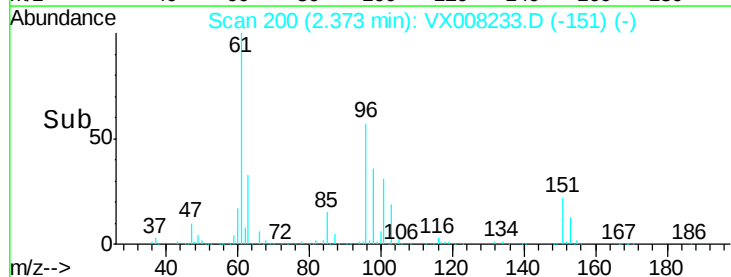
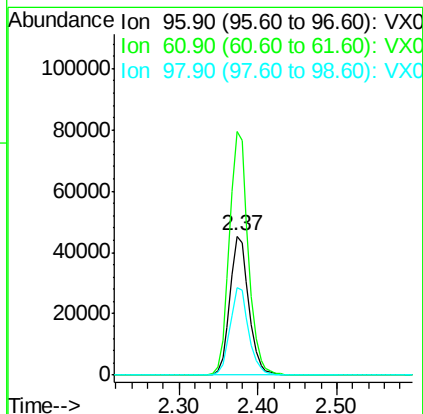
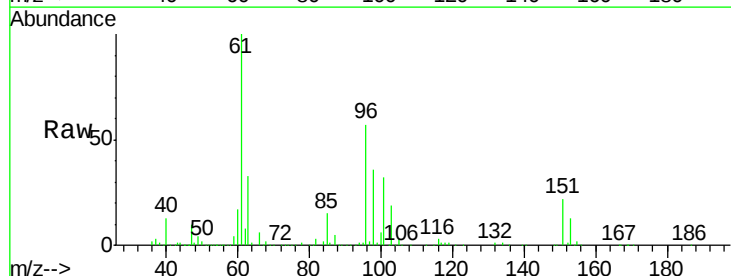
Tot Ion: 59 Resp: 95434
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

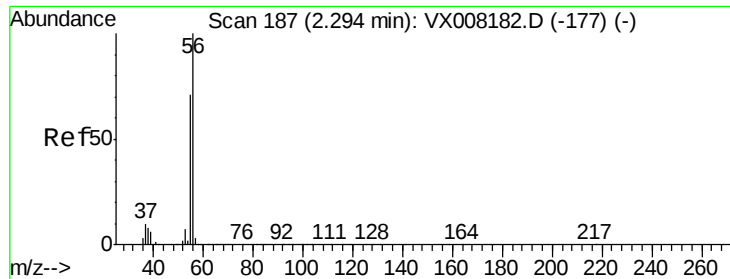


#12

1,1-Dichloroethene
 Concen: 19.841 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion: 96 Resp: 75459
 Ion Ratio Lower Upper
 96 100
 61 174.7 129.8 194.6
 98 62.9 51.0 76.6





#13

Acrolein

Concen: 73.556 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

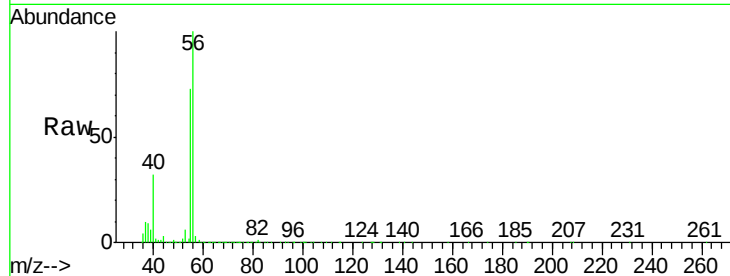
VX0320WBS01

Tot Ion: 56 Resp: 57588

Ion Ratio Lower Upper

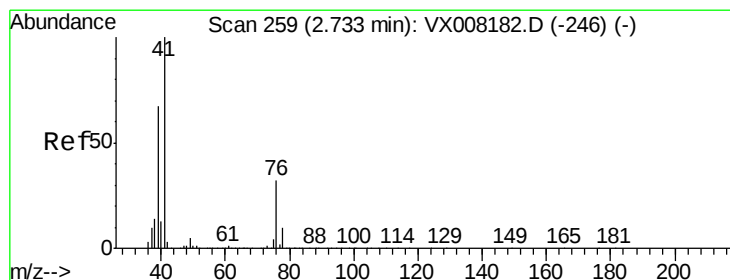
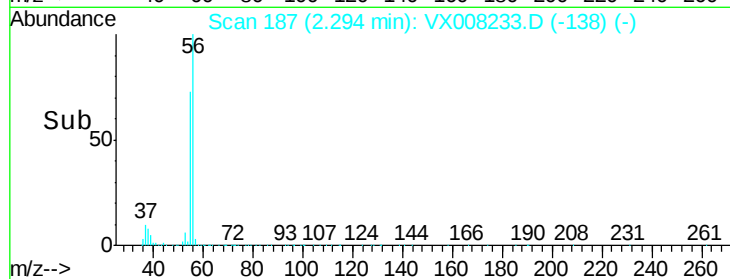
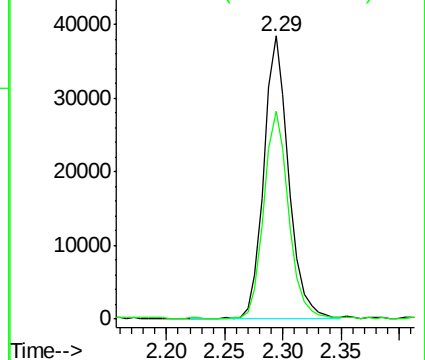
56 100

55 72.4 57.8 86.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.974 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

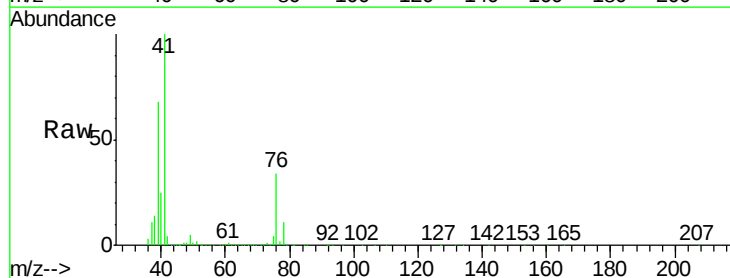
Tgt Ion: 41 Resp: 157082

Ion Ratio Lower Upper

41 100

39 65.7 46.1 69.1

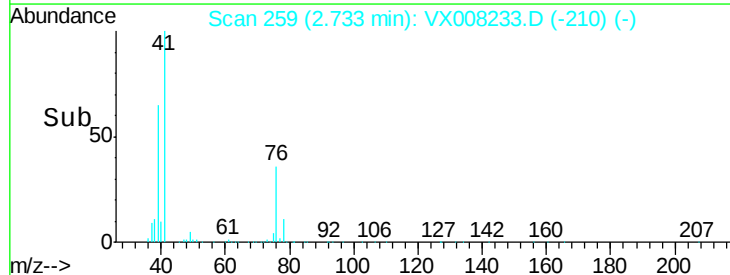
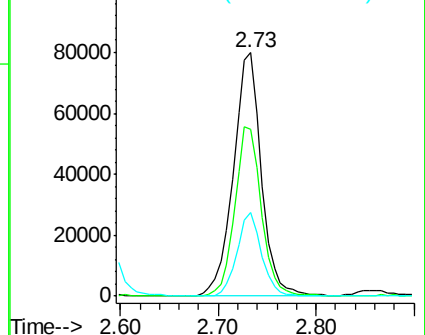
76 29.8 24.0 36.0

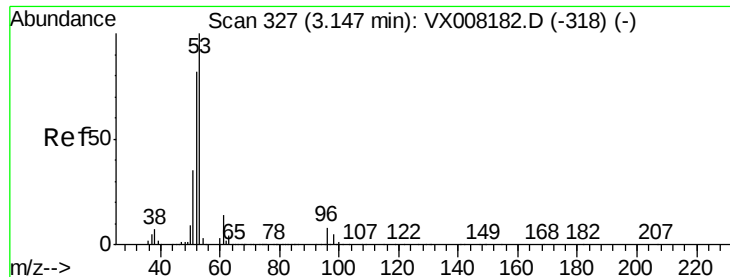


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 96.946 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

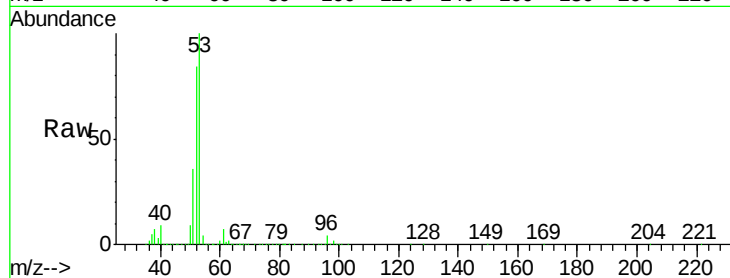
MSVOA_X

ClientSampleId :

VX0320WBS01

Tot Ion: 53 Resp: 259137

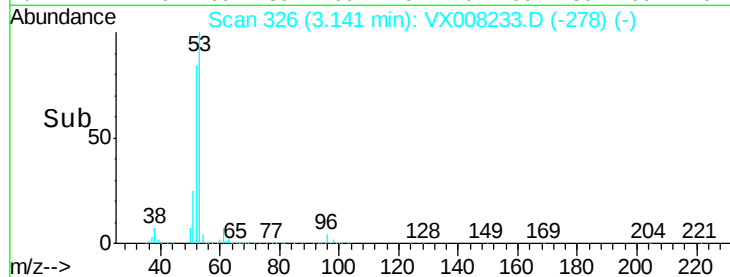
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.0	99.0
51	36.0	28.0	42.0



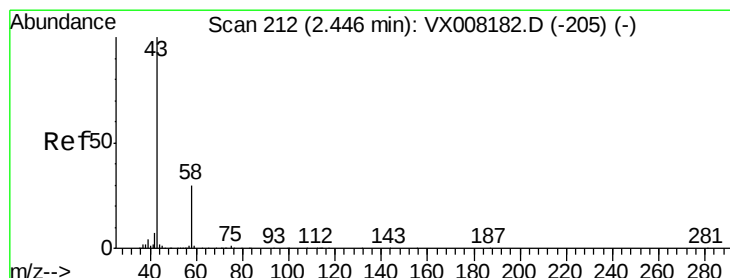
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 95.345 ug/l

RT: 2.44 min Scan# 211

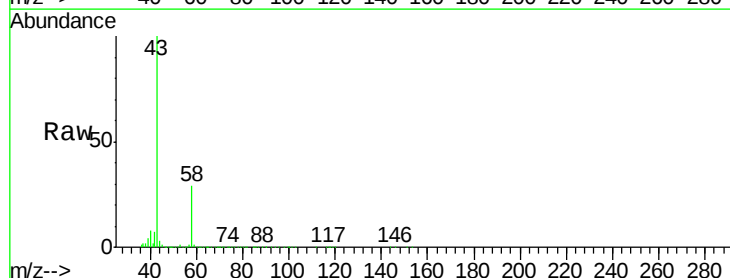
Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

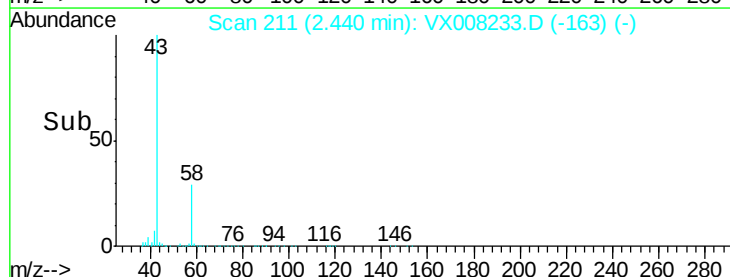
Tgt Ion: 43 Resp: 255278

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.5	38.3

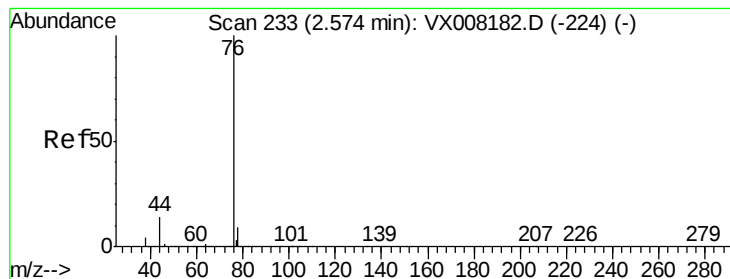


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 18.926 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

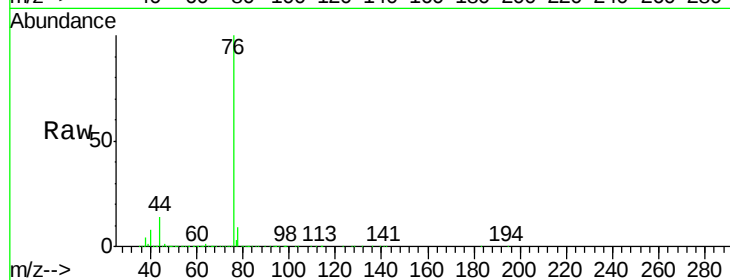
VX0320WBS01

Tot Ion: 76 Resp: 229663

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

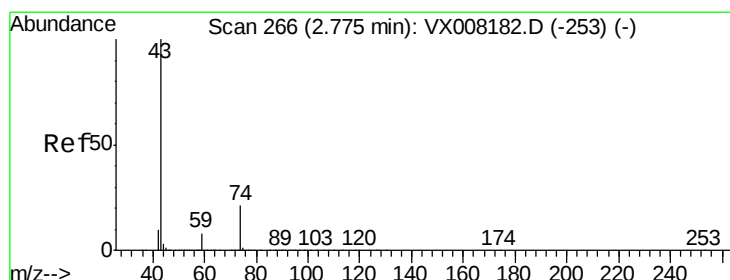
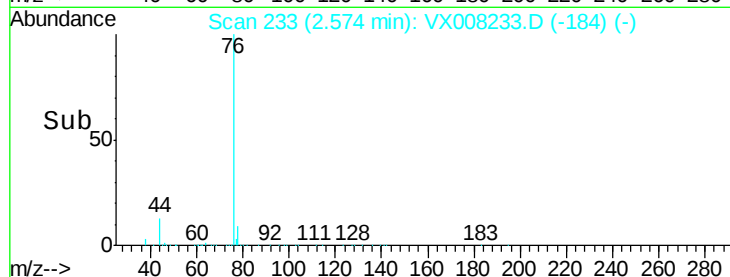
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.395 ug/l

RT: 2.78 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX008233.D

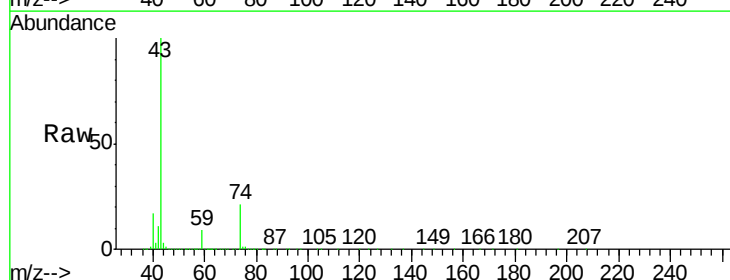
Acq: 20 Mar 2019 11:31

Tgt Ion: 43 Resp: 126420

Ion Ratio Lower Upper

43 100

74 20.6 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

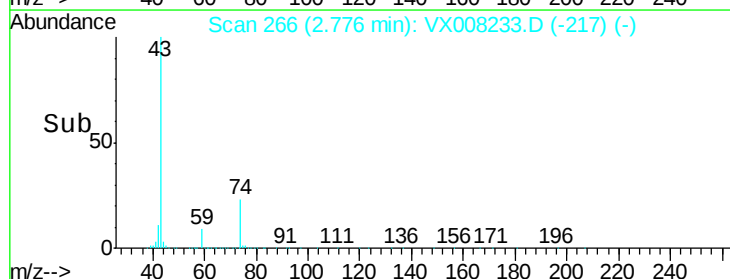
60000

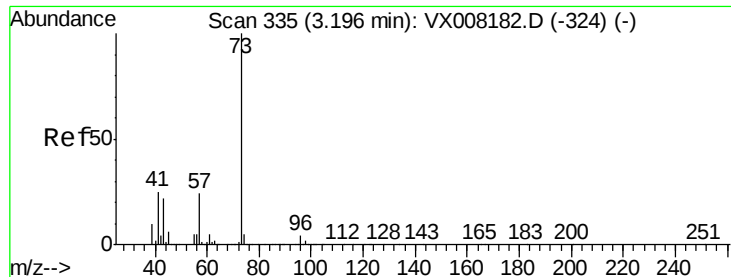
40000

20000

0

Time-->



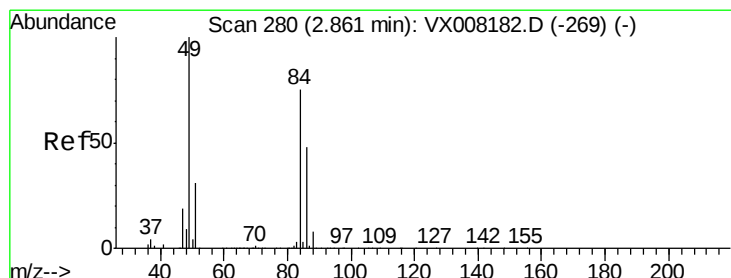
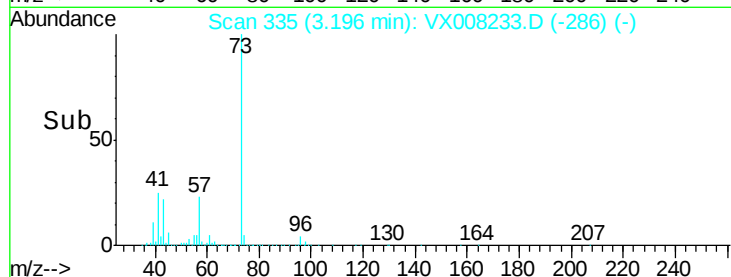
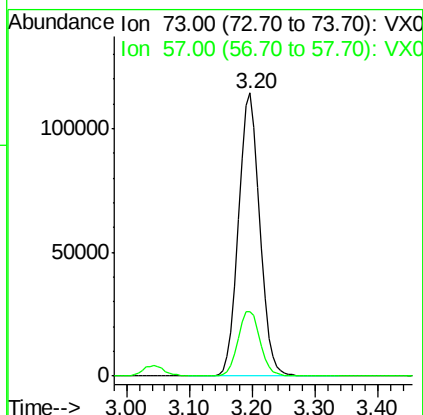
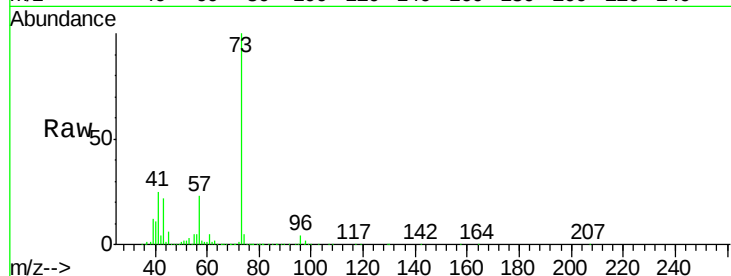


#19

Methvl tert-butvl Ether
 Concen: 19.561 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

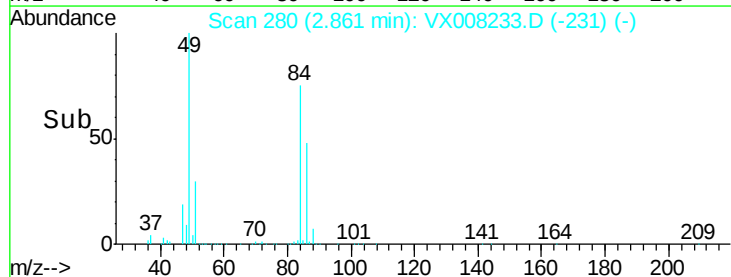
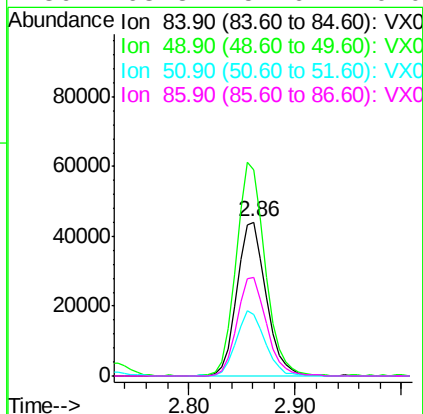
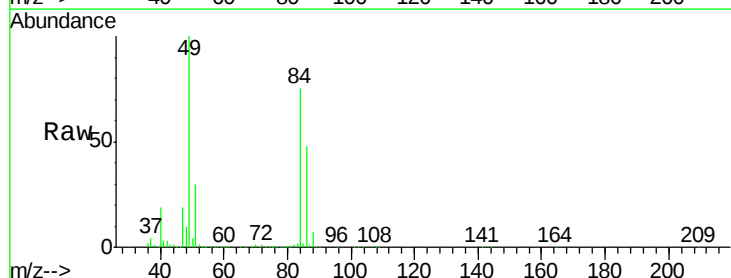
Tot Ion: 73 Resp: 268985
 Ion Ratio Lower Upper
 73 100
 57 22.8 18.2 27.4

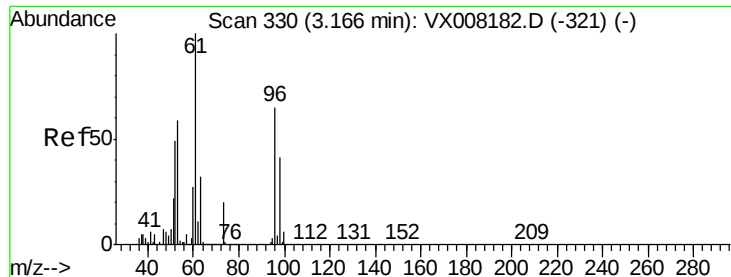


#20

Methylene Chloride
 Concen: 19.138 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion: 84 Resp: 85444
 Ion Ratio Lower Upper
 84 100
 49 133.7 99.3 148.9
 51 40.1 31.3 46.9
 86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.224 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

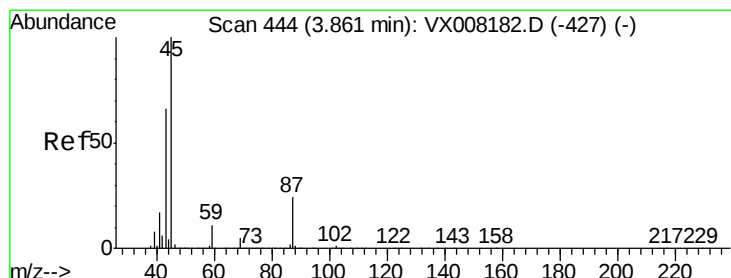
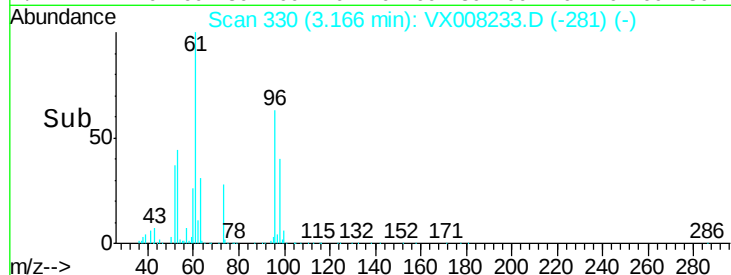
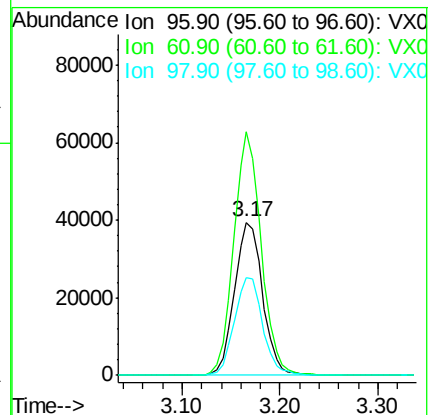
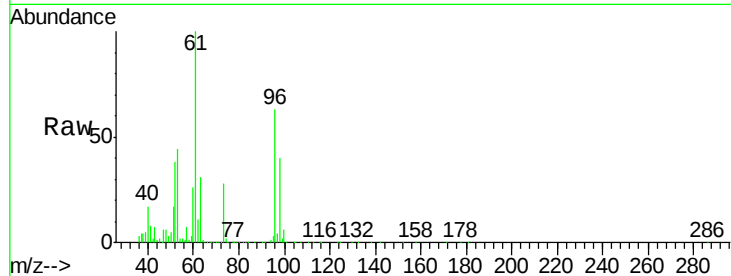
Tot Ion: 96 Resp: 78985

Ion Ratio Lower Upper

96 100

61 159.1 114.4 171.6

98 64.3 51.1 76.7



#22

Diisopropyl ether

Concen: 19.454 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Tgt Ion: 45 Resp: 315443

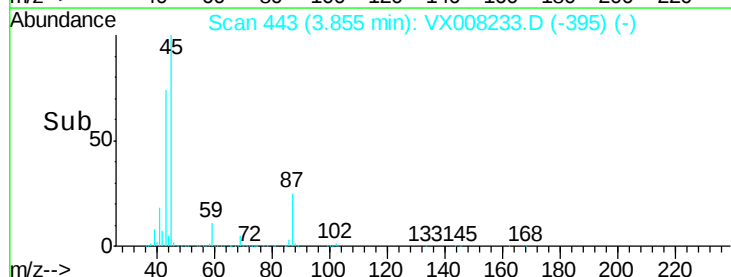
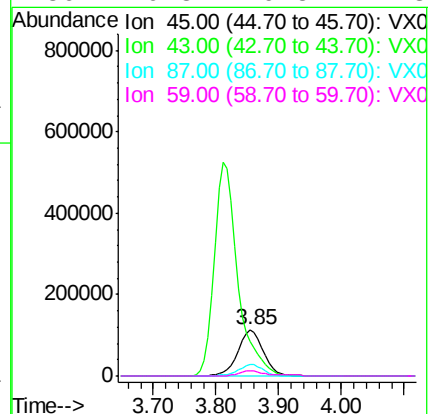
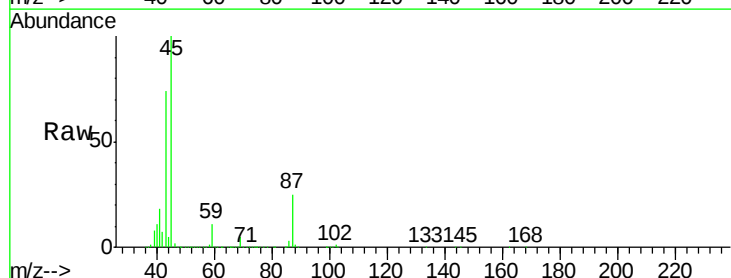
Ion Ratio Lower Upper

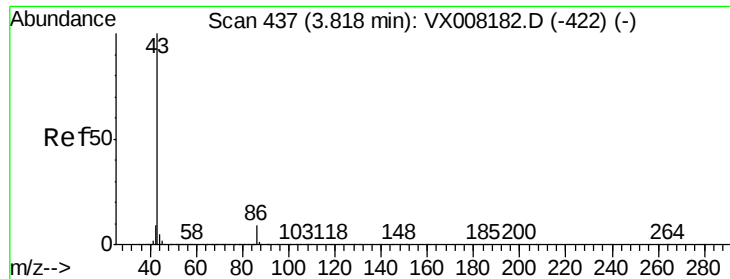
45 100

43 73.1 45.3 67.9#

87 24.7 21.4 32.0

59 10.8 9.5 14.3





#23

Vinyl Acetate

Concen: 98.306 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

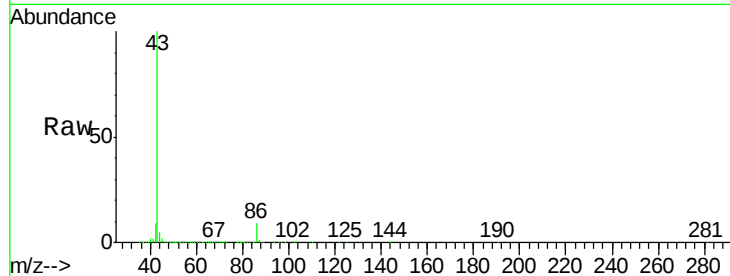
VX0320WBS01

Tot Ion: 43 Resp: 1366596

Ion Ratio Lower Upper

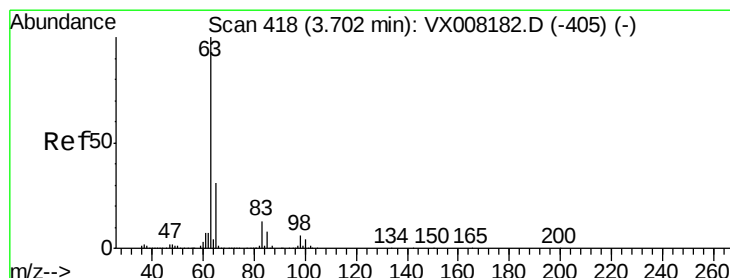
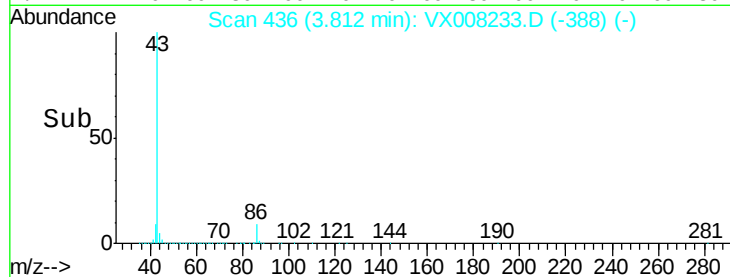
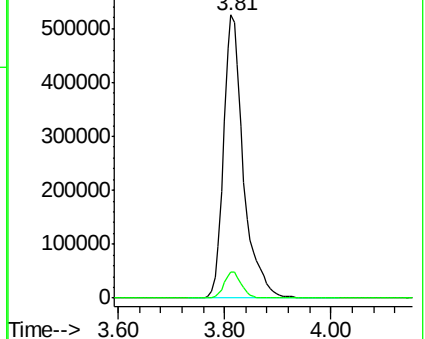
43 100

86 9.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.605 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

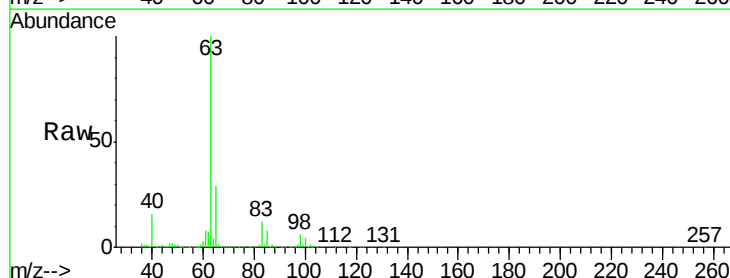
Tgt Ion: 63 Resp: 163493

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

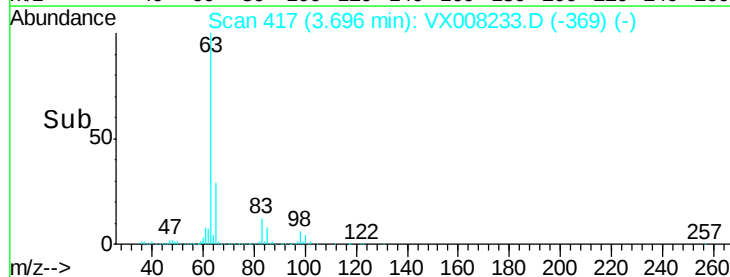
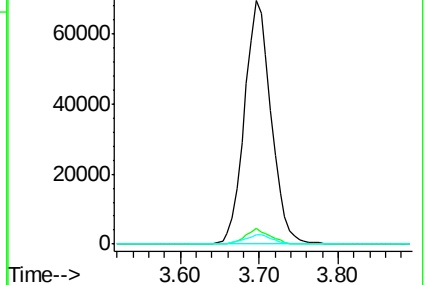
100 4.0 2.3 6.8

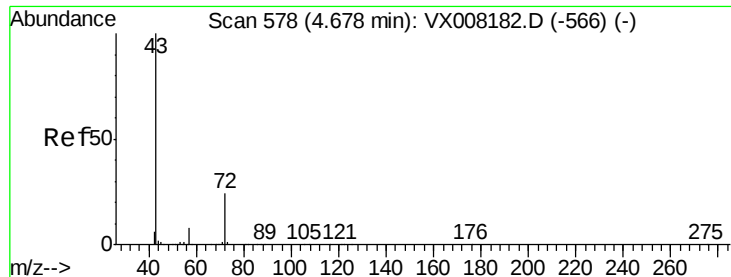


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 97.392 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

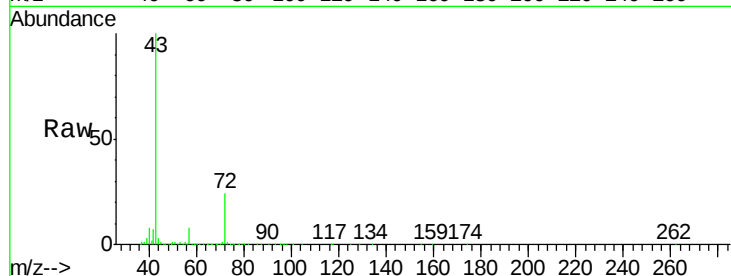
VX0320WBS01

Tot Ion: 43 Resp: 384914

Ion Ratio Lower Upper

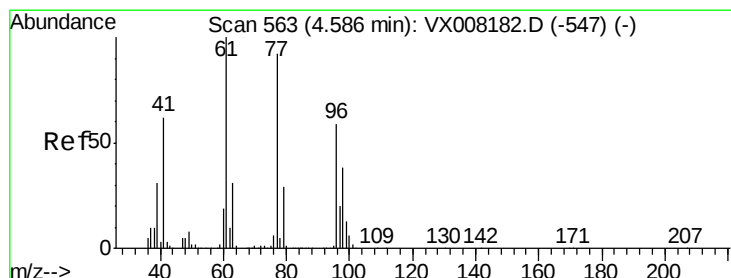
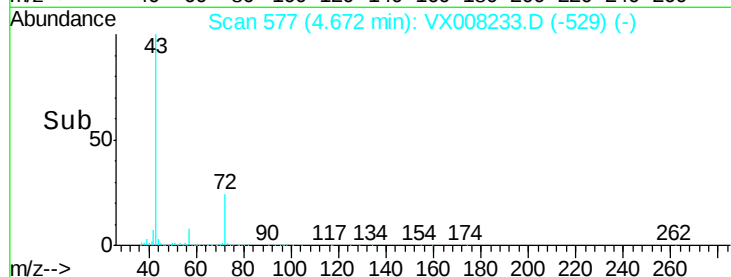
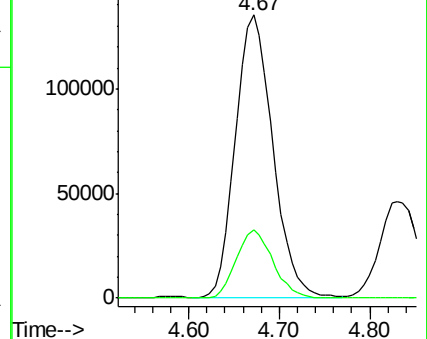
43 100

72 24.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.906 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008233.D

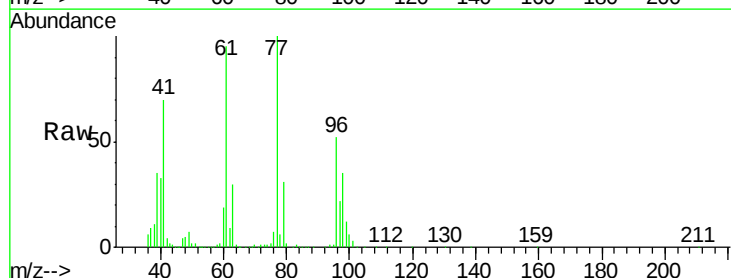
Acq: 20 Mar 2019 11:31

Tgt Ion: 77 Resp: 118772

Ion Ratio Lower Upper

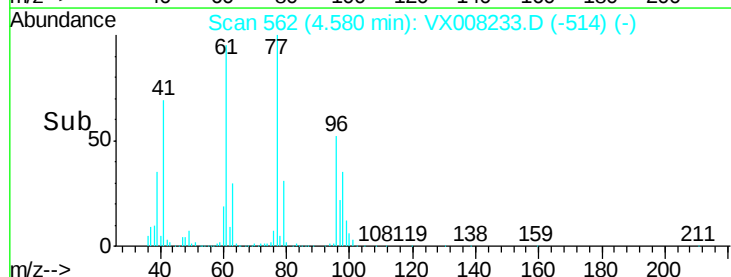
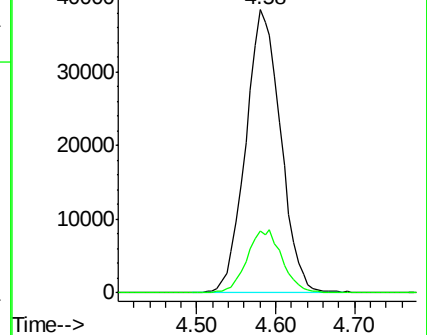
77 100

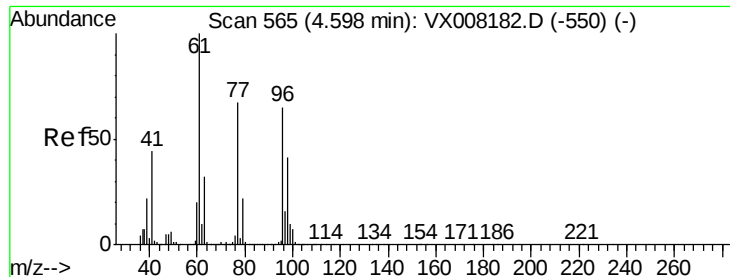
97 22.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



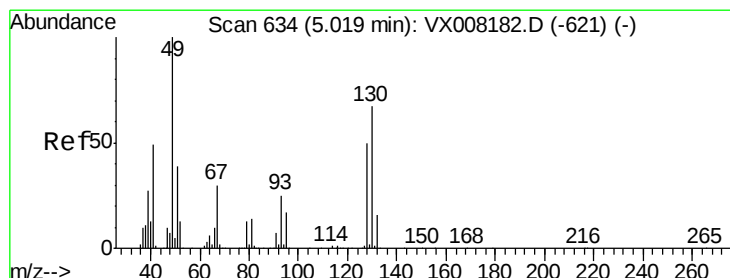
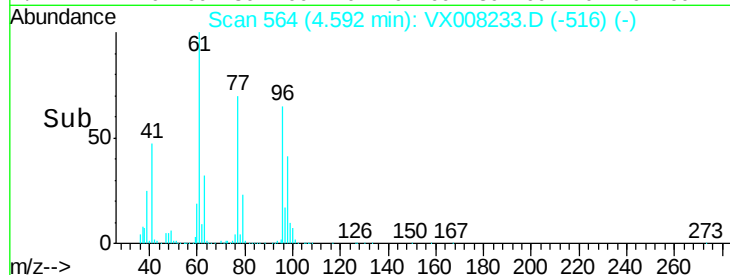
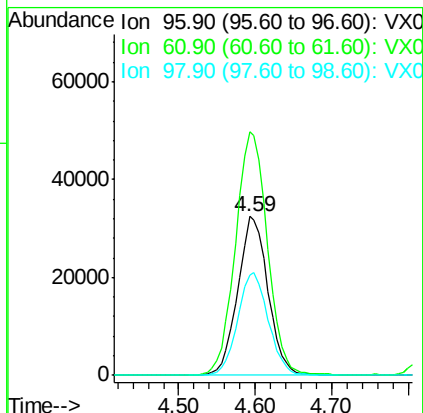
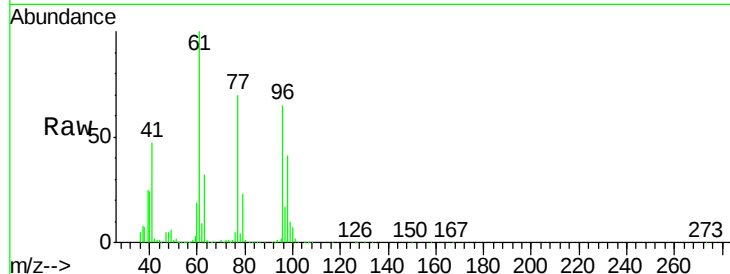


#27

cis-1,2-Dichloroethene
Concen: 19.083 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

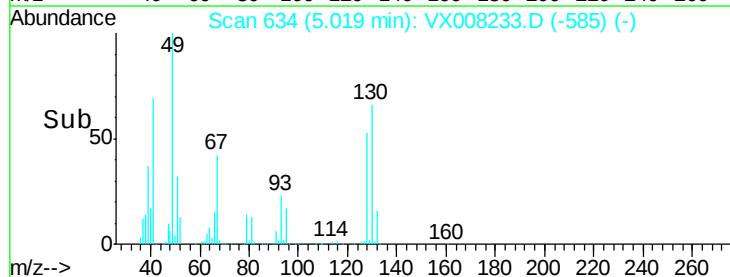
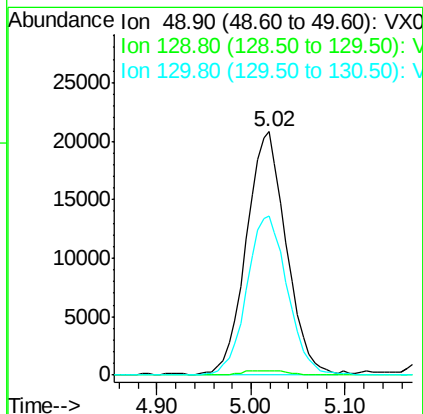
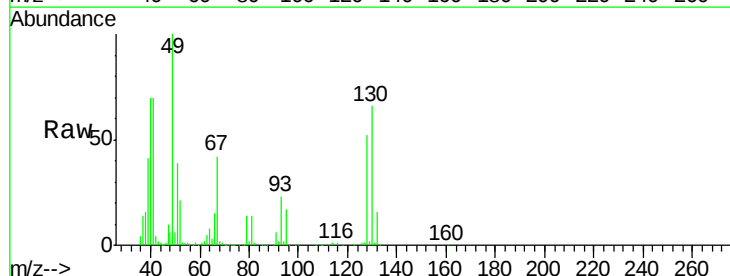
Tot Ion: 96 Resp: 89378
Ion Ratio Lower Upper
96 100
61 161.6 0.0 288.0
98 65.6 0.0 129.0

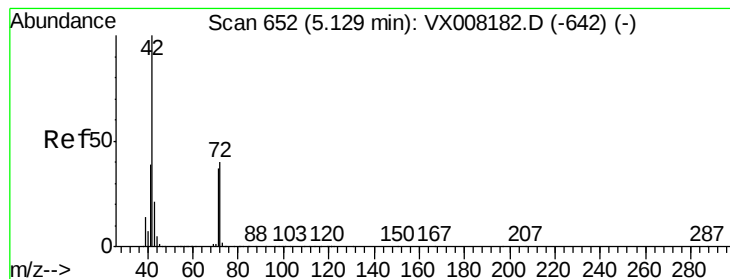


#28

Bromochloromethane
Concen: 16.397 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 49 Resp: 61400
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 67.0 65.0 97.4





#29

Tetrahydrofuran

Concen: 99.093 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0320WBS01

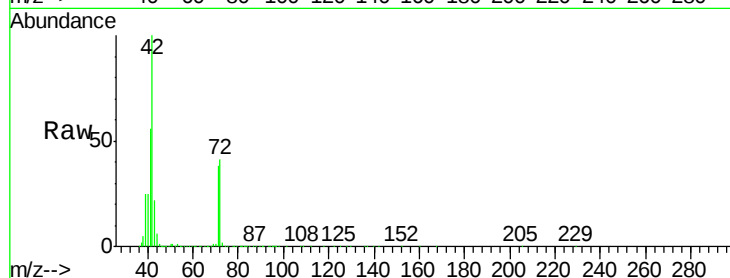
Tot Ion: 42 Resp: 244825

Ion Ratio Lower Upper

42 100

72 40.6 33.8 50.6

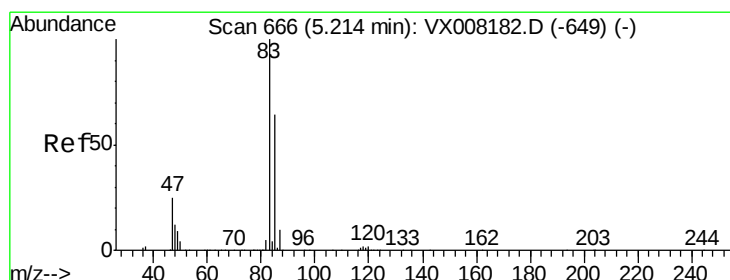
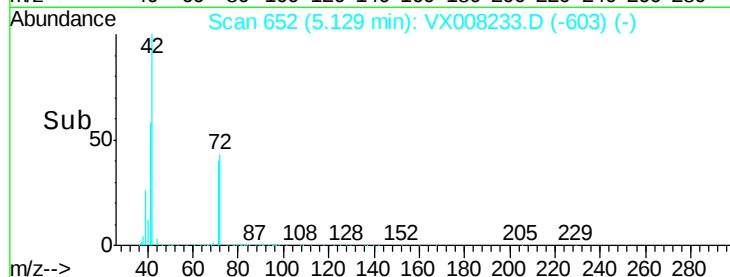
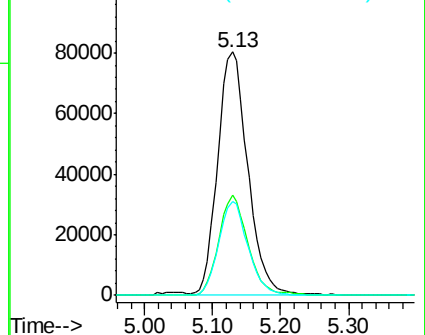
71 38.0 31.5 47.3



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: 19.364 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX008233.D

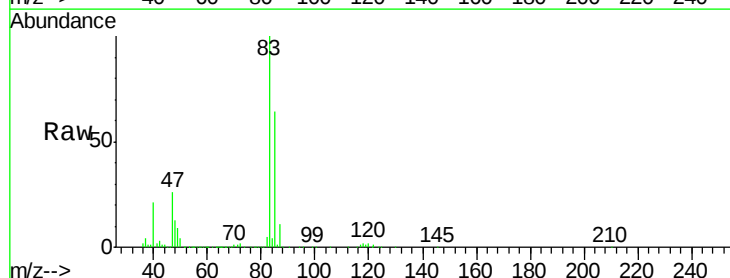
Acq: 20 Mar 2019 11:31

Tgt Ion: 83 Resp: 151057

Ion Ratio Lower Upper

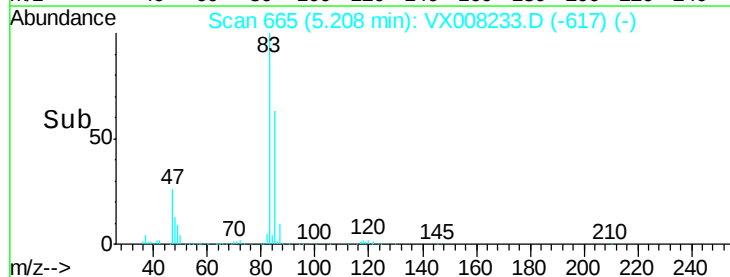
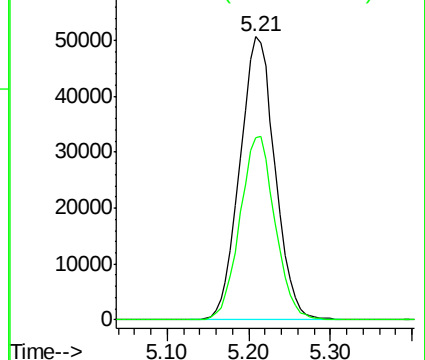
83 100

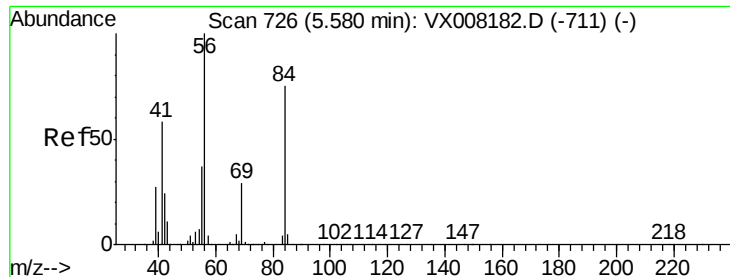
85 64.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

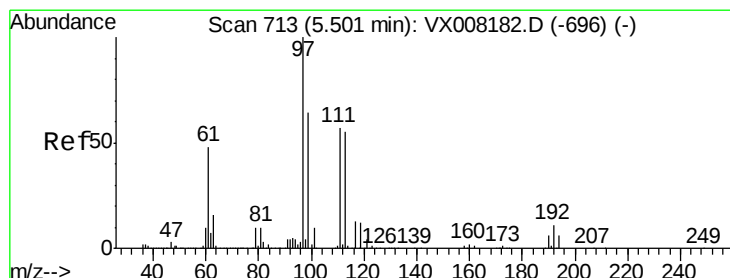
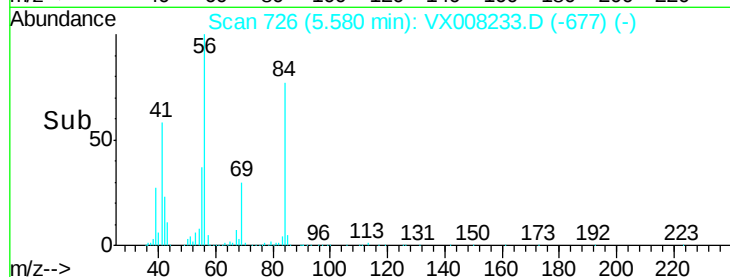
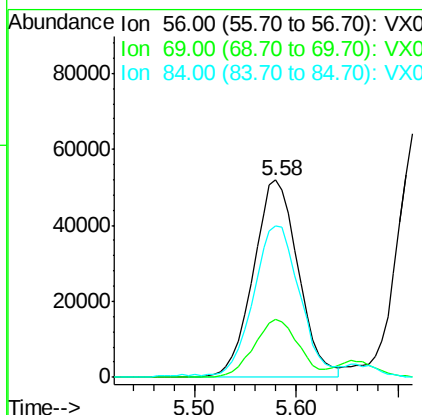
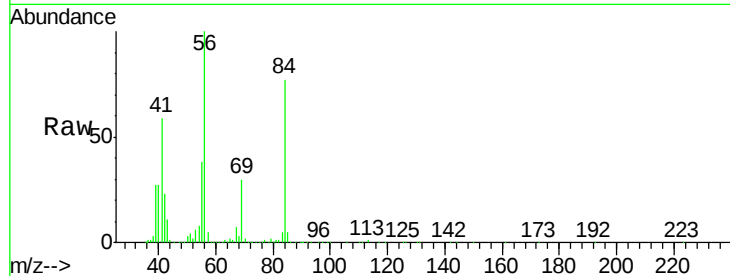




#31
Cyclohexane
Concen: 20.235 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

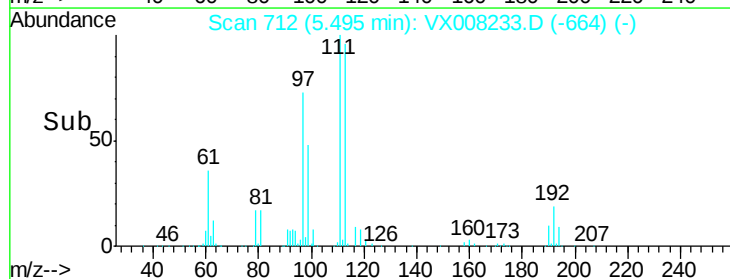
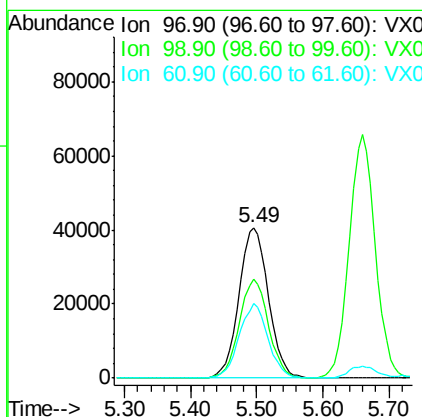
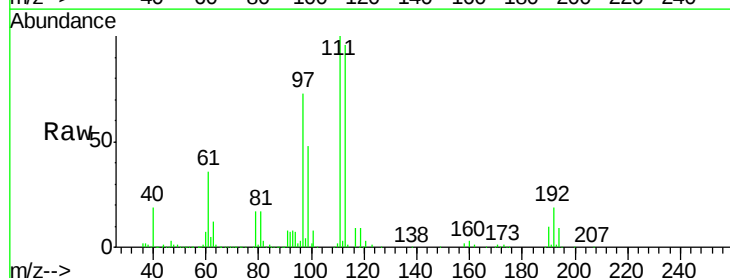
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

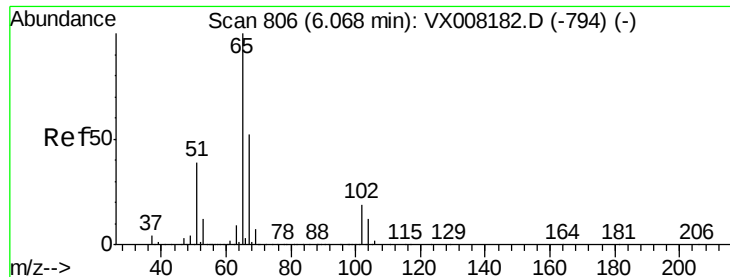
Tot Ion: 56 Resp: 158463
Ion Ratio Lower Upper
56 100
69 29.5 24.0 36.0
84 75.5 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 19.352 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 97 Resp: 125578
Ion Ratio Lower Upper
97 100
99 64.9 52.2 78.2
61 48.9 34.9 52.3

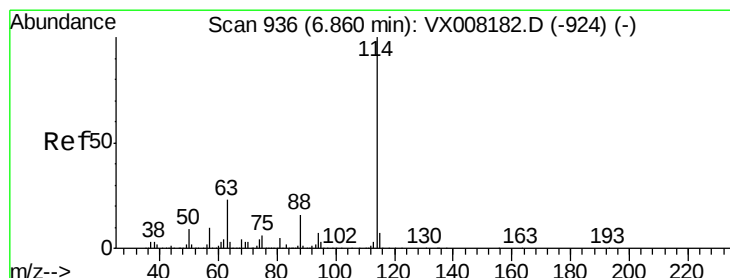
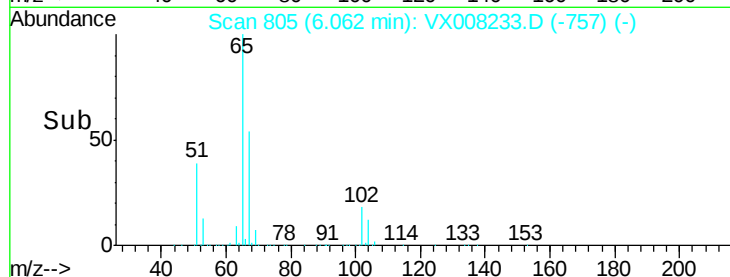
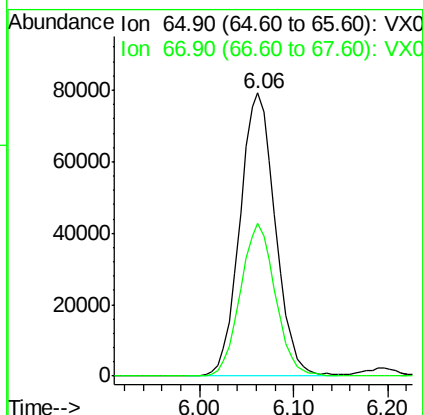
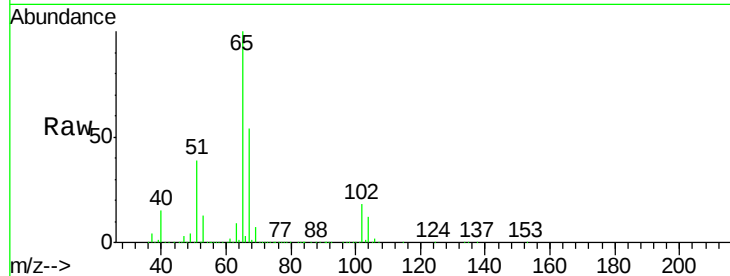




#33
 1,2-Dichloroethane-d4
 Concen: 44.073 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

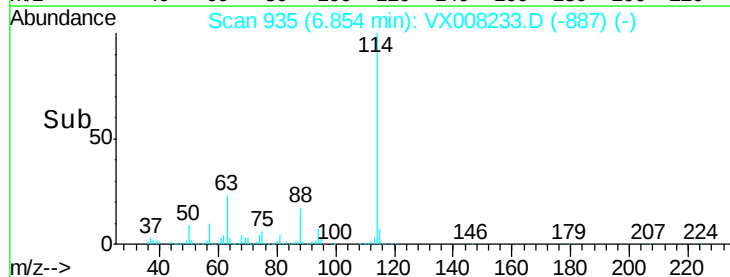
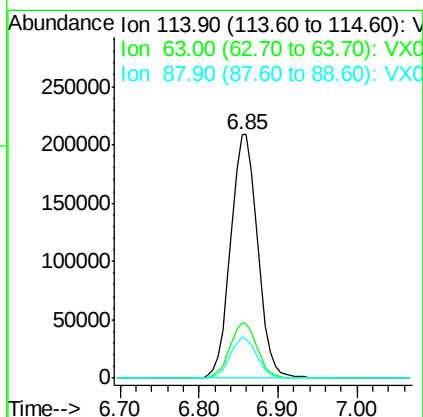
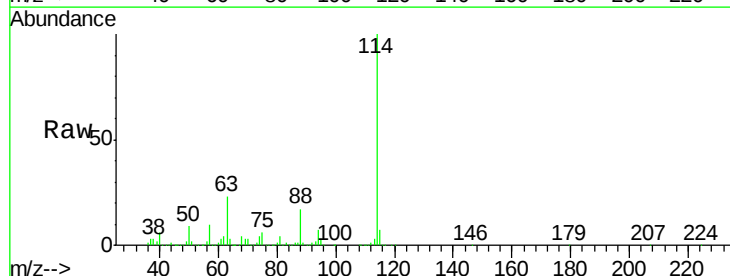
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

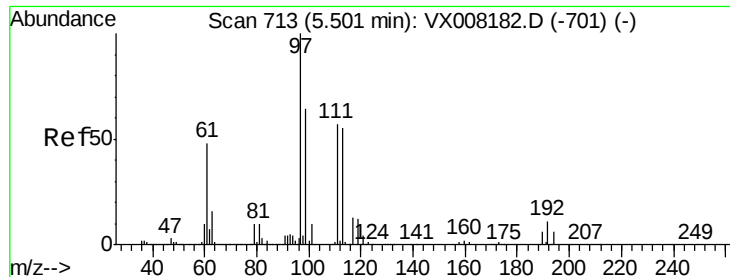
Tot Ion: 65 Resp: 208055
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion: 114 Resp: 498480
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 39.8
 88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 46.609 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

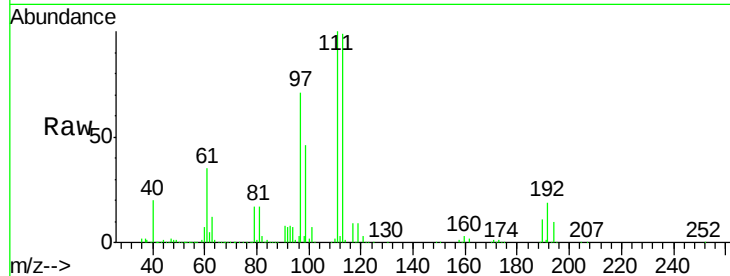
Tot Ion:113 Resp: 155535

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.0

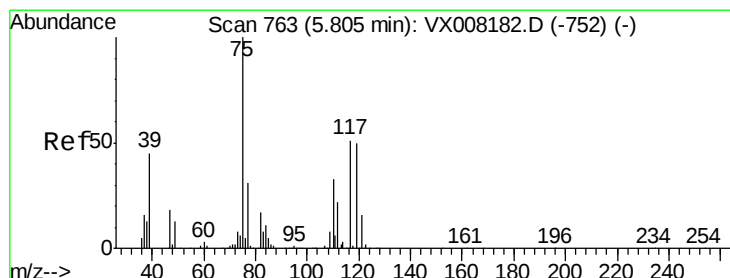
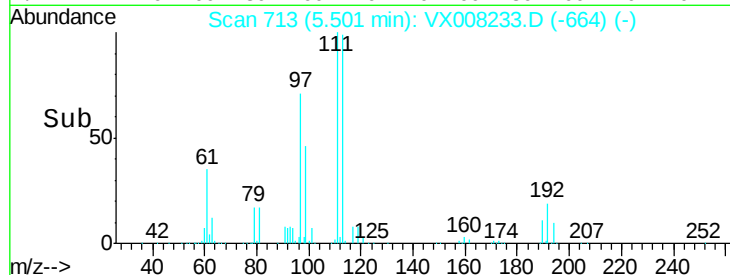
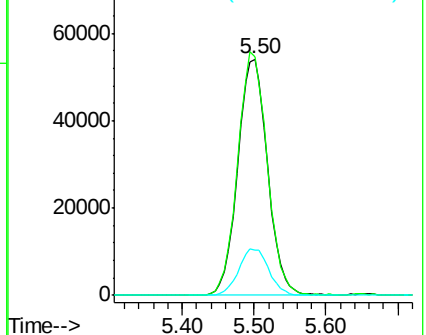
192 20.1 19.4 29.0



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: 20.255 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

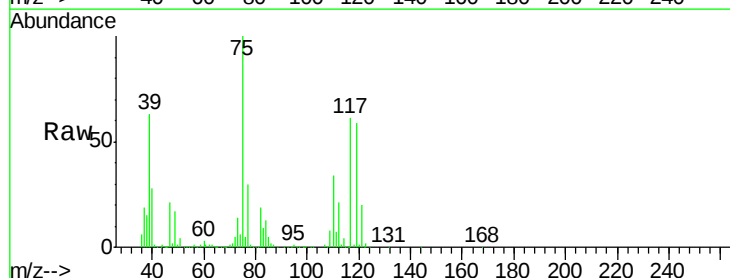
Tgt Ion: 75 Resp: 117553

Ion Ratio Lower Upper

75 100

110 34.8 18.4 55.0

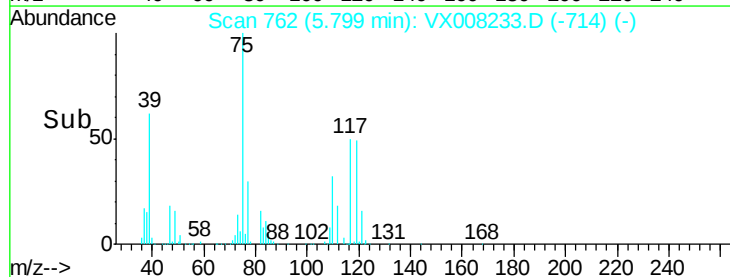
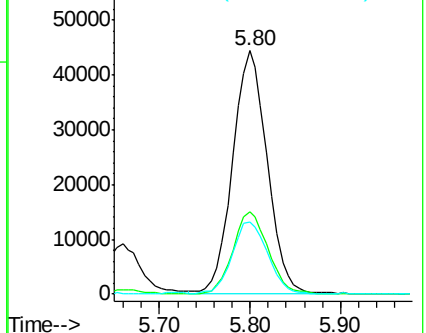
77 30.7 25.0 37.4

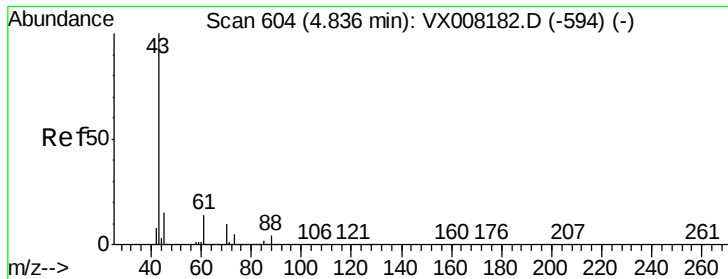


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

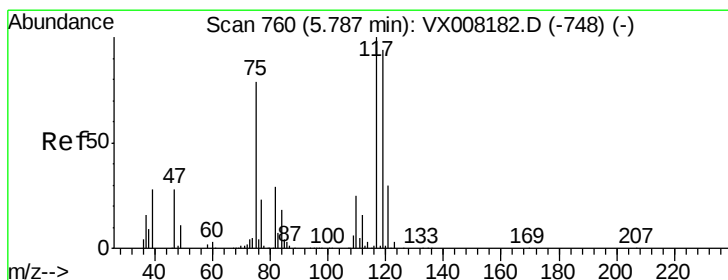
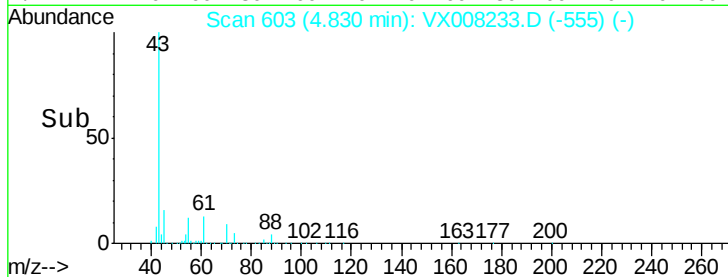
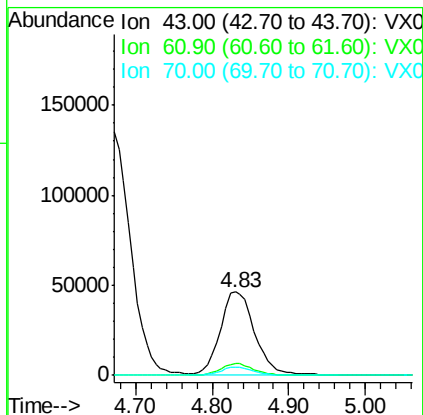
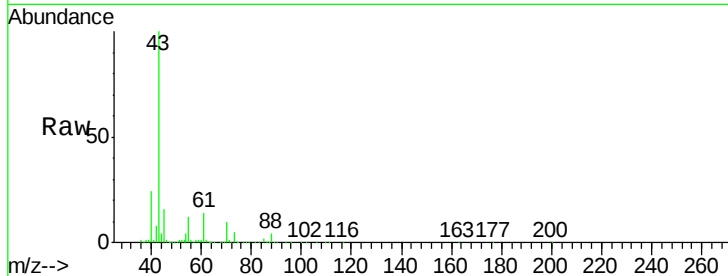




#37
Ethyl Acetate
Concen: 20.738 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

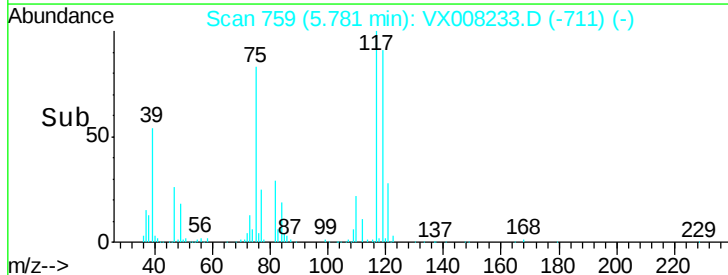
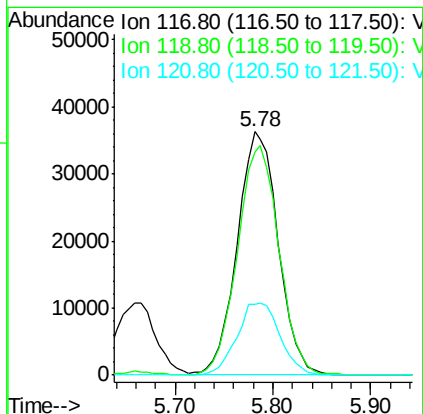
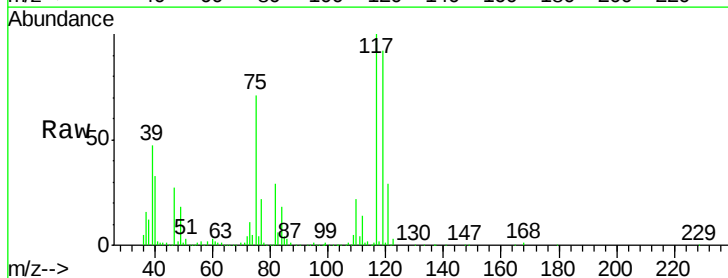
Instrument :
MSVOA_X
ClientSampled :
VX0320WBS01

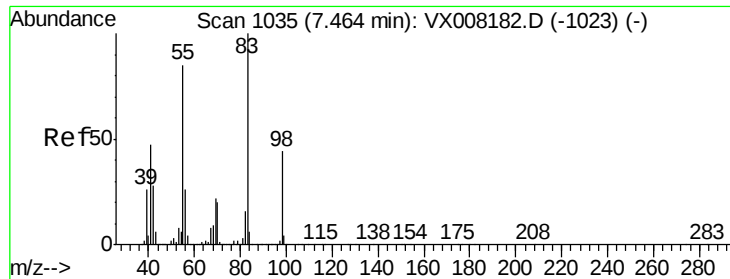
Tot Ion: 43 Resp: 142273
Ion Ratio Lower Upper
43 100
61 12.8 11.3 16.9
70 9.5 8.5 12.7



#38
Carbon Tetrachloride
Concen: 20.308 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 117 Resp: 105013
Ion Ratio Lower Upper
117 100
119 91.6 76.2 114.2
121 29.3 24.6 36.8

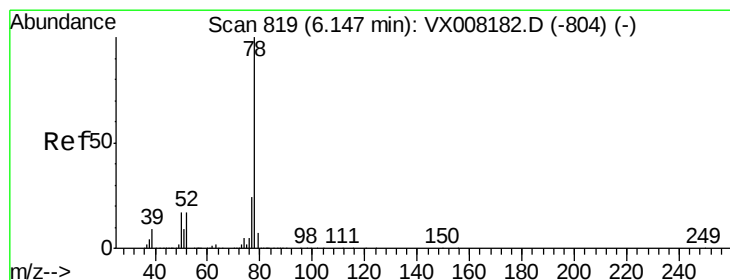
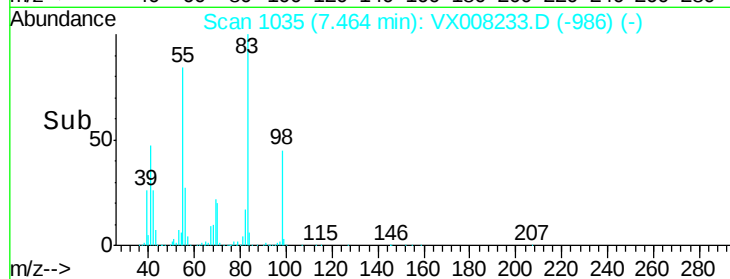
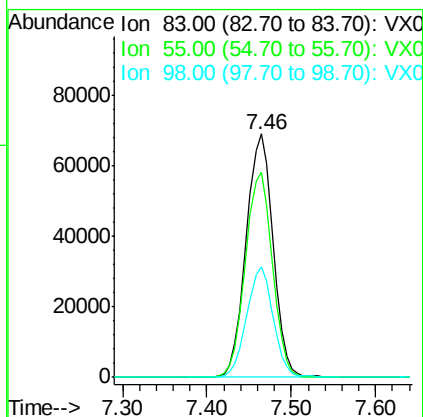
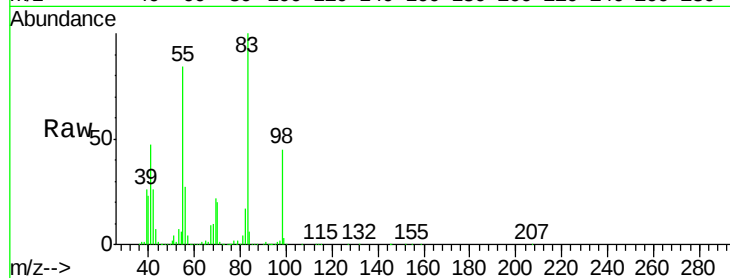




#39
Methvlcvclohexane
Concen: 21.336 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

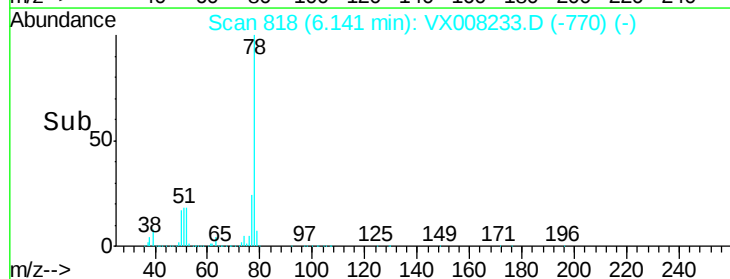
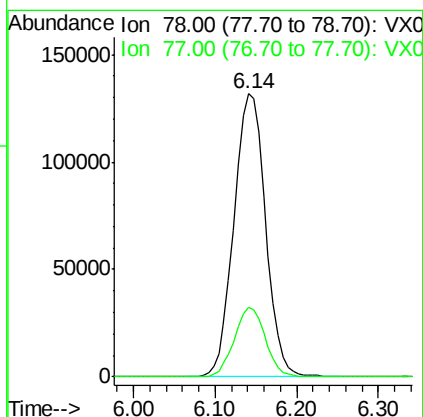
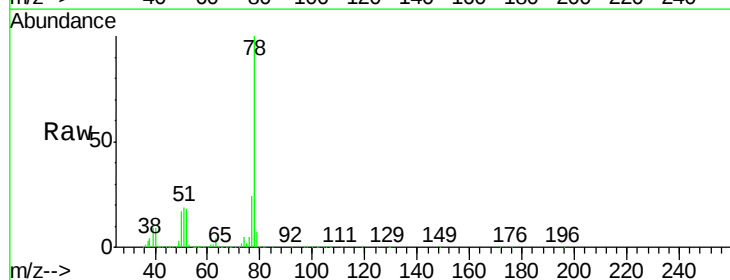
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

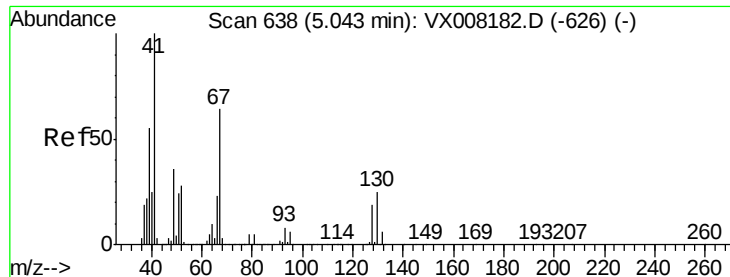
Tot Ion: 83 Resp: 149009
Ion Ratio Lower Upper
83 100
55 84.0 60.4 90.6
98 45.2 36.5 54.7



#40
Benzene
Concen: 20.553 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 78 Resp: 353042
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4

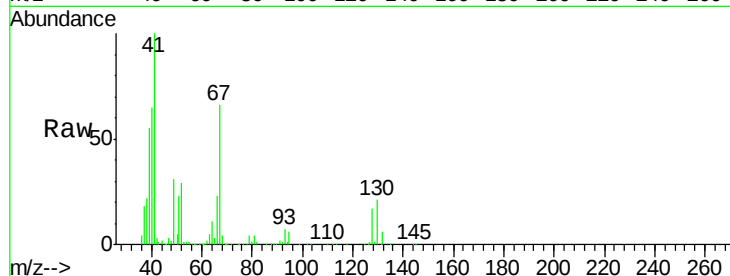




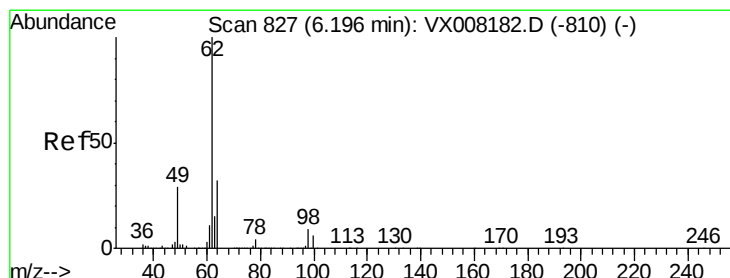
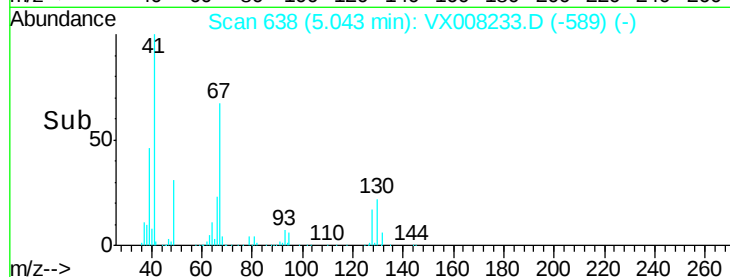
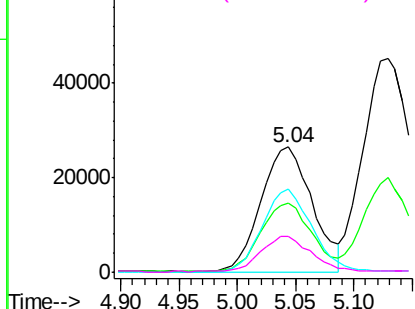
#41
Methacrylonitrile
Concen: 20.893 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0320WBS01

Tot Ion:	41	Resp:	80403
Ion	Ratio	Lower	Upper
41	100		
39	54.5	41.6	62.4
67	65.2	55.8	83.6
52	28.5	21.7	32.5

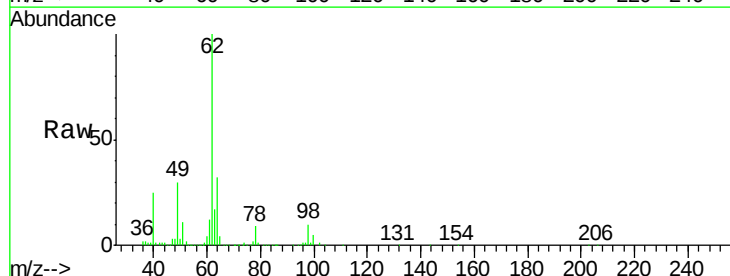


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

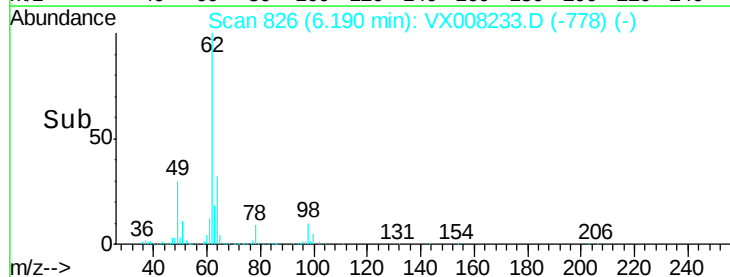
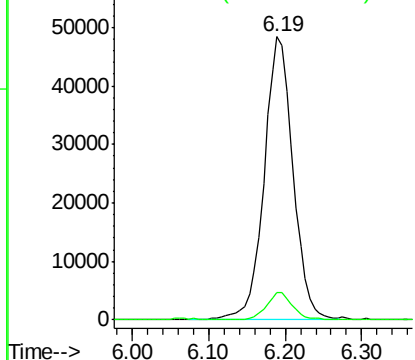


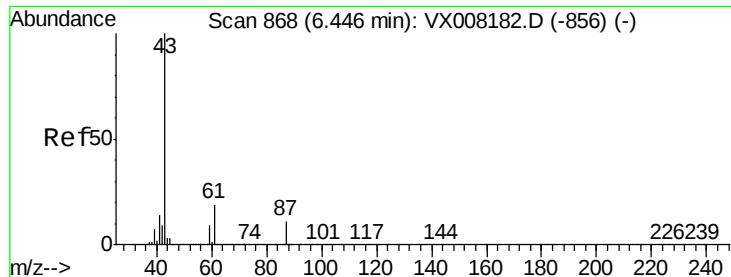
#42
1,2-Dichloroethane
Concen: 20.203 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion:	62	Resp:	127128
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	20.4



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



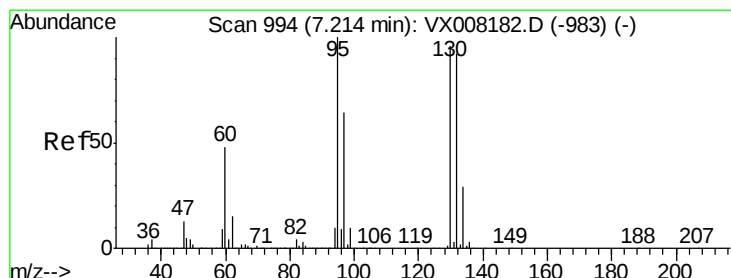
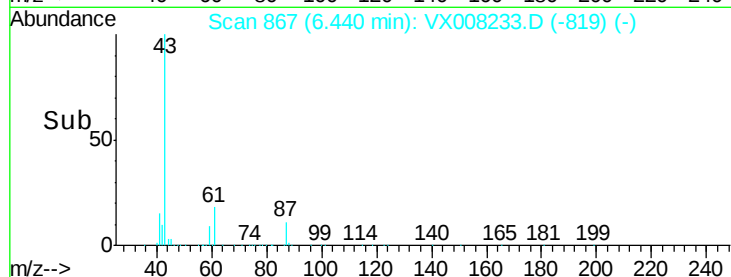
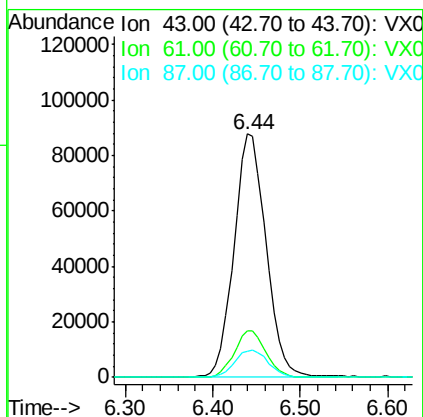
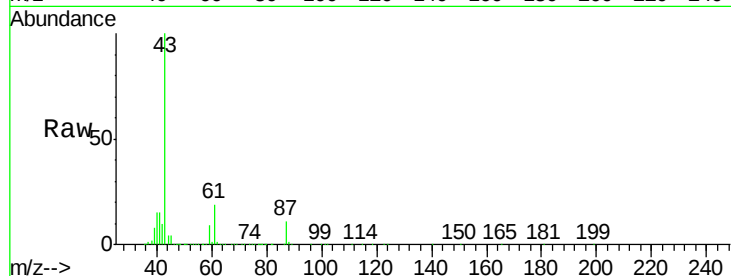


#43

Isopropyl Acetate
 Concen: 20.311 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

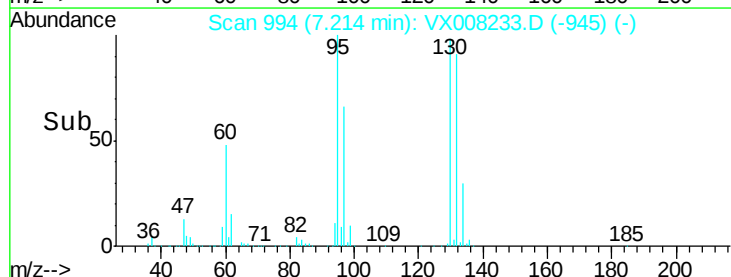
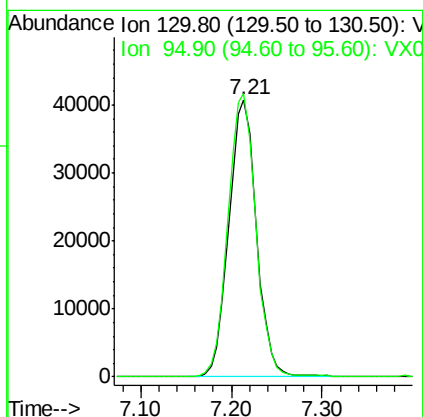
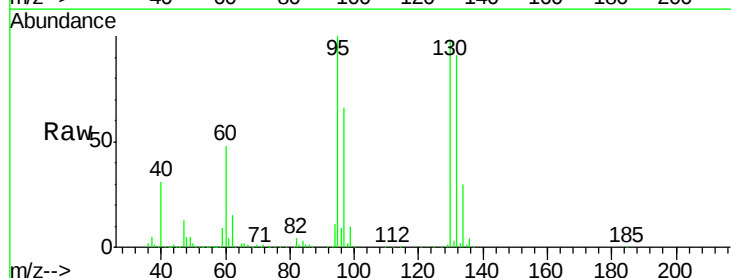
Tot Ion	43	Resp	22351
Ion Ratio	Lower	Upper	
43	100		
61	19.1	16.3	24.5
87	11.8	10.5	15.7

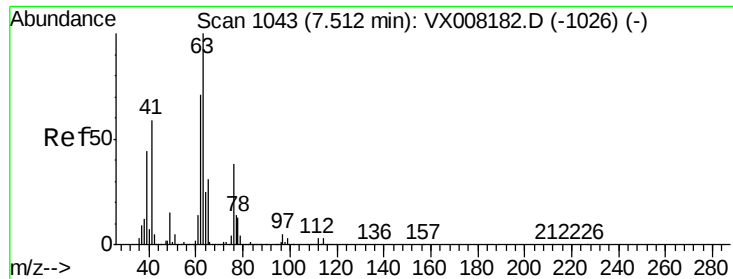


#44

Trichloroethene
 Concen: 20.513 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion	130	Resp	86157
Ion Ratio	Lower	Upper	
130	100		
95	102.0	0.0	188.0





#45

1,2-Dichloropropane

Concen: 20.212 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

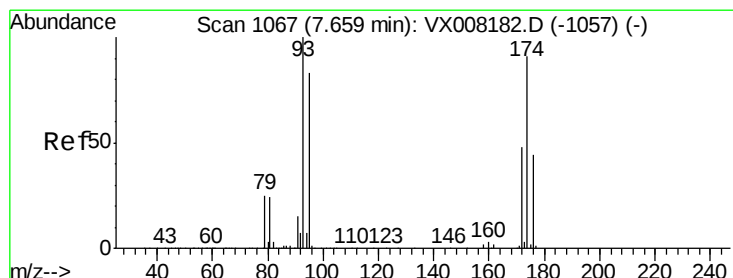
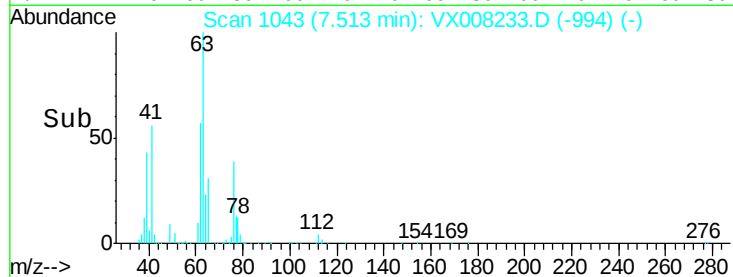
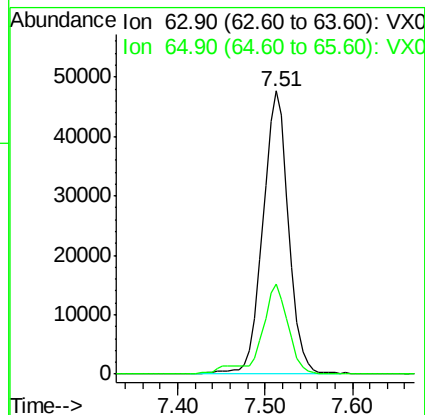
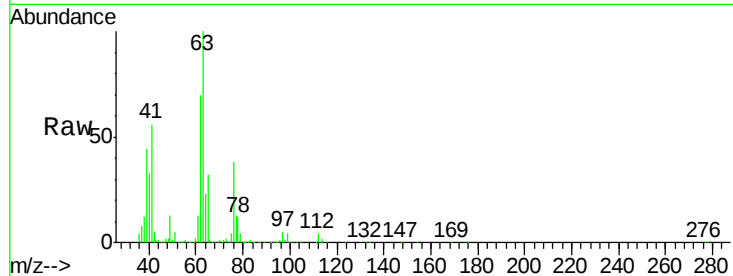
VX0320WBS01

Tot Ion: 63 Resp: 97194

Ion Ratio Lower Upper

63 100

65 31.9 24.7 37.1



#46

Dibromomethane

Concen: 20.117 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

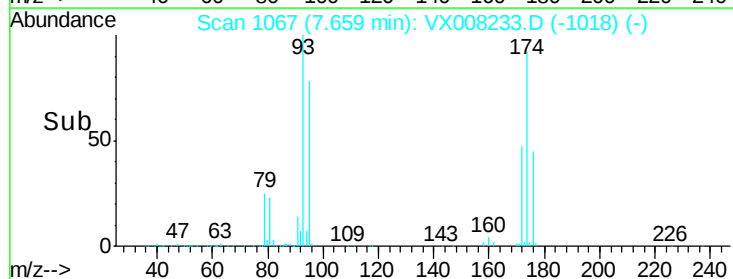
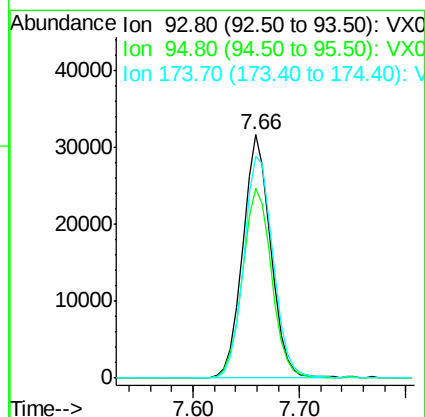
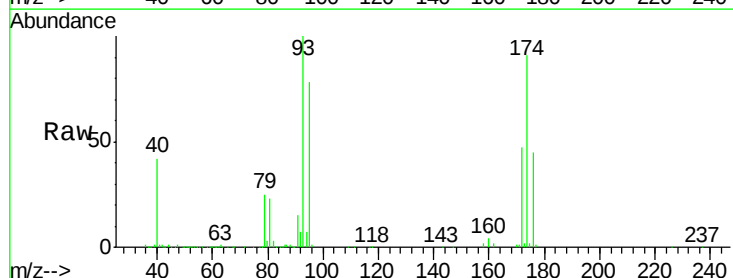
Tgt Ion: 93 Resp: 58570

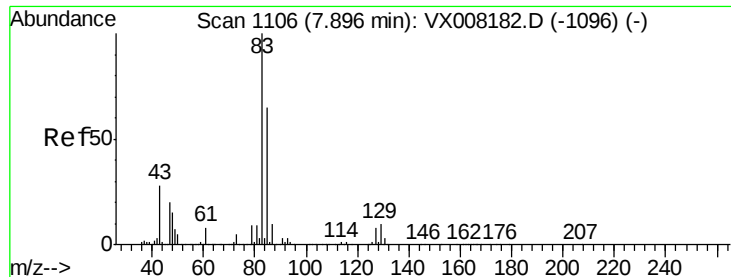
Ion Ratio Lower Upper

93 100

95 81.5 66.8 100.2

174 95.9 97.3 145.9#





#47

Bromodichloromethane

Concen: 20.117 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

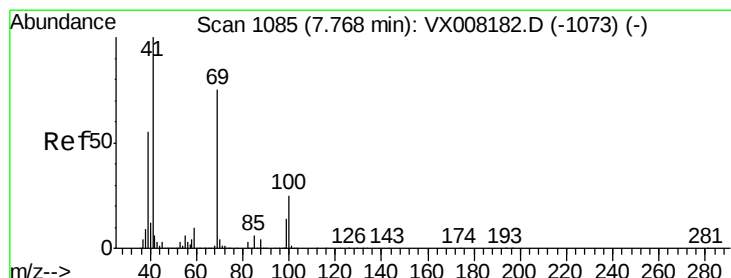
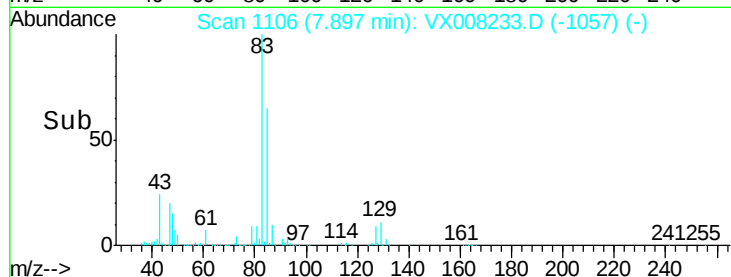
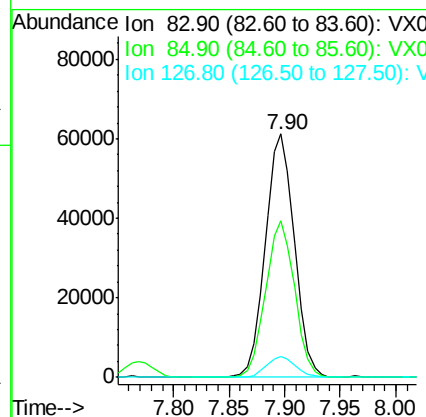
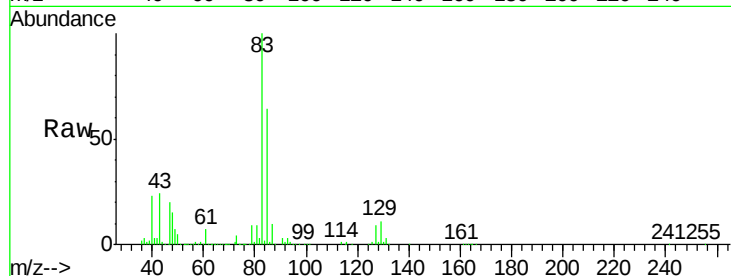
Tot Ion: 83 Resp: 111620

Ion Ratio Lower Upper

83 100

85 64.2 50.9 76.3

127 8.7 7.4 11.0



#48

Methyl methacrylate

Concen: 20.164 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

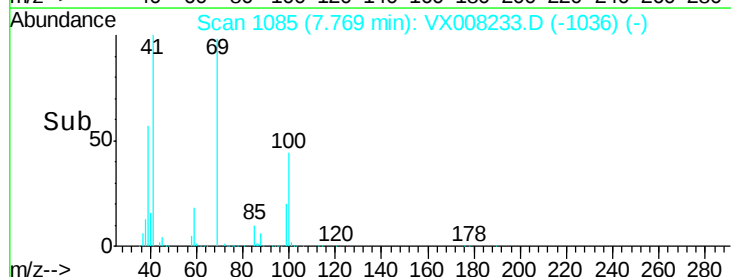
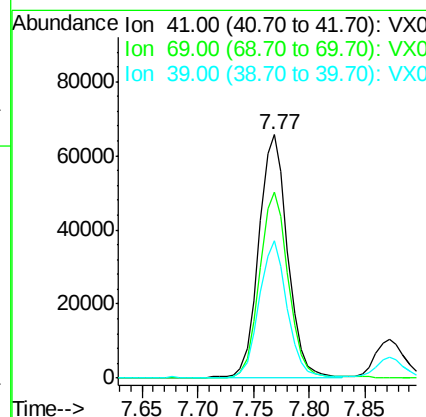
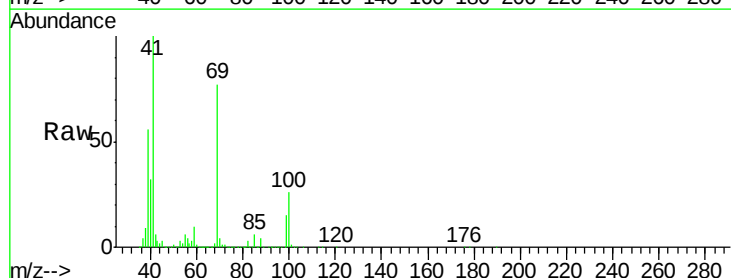
Tgt Ion: 41 Resp: 117901

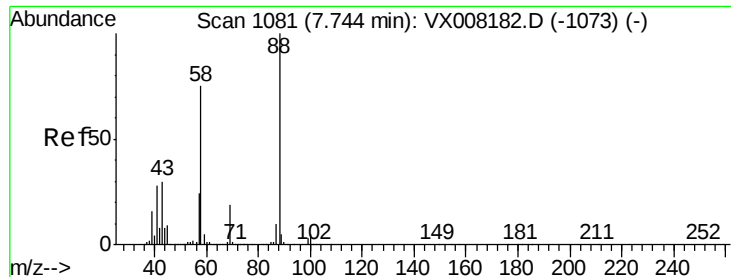
Ion Ratio Lower Upper

41 100

69 77.5 65.2 97.8

39 54.9 39.4 59.2





#49

1,4-Dioxane

Concen: 408.022 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

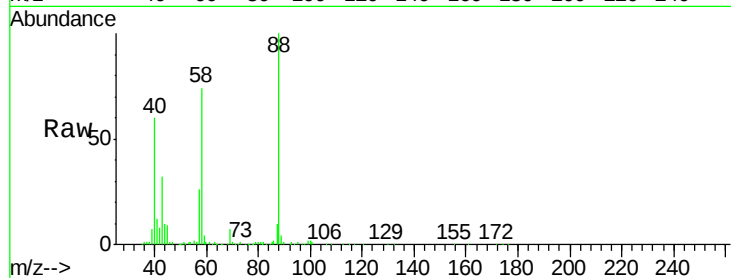
MSVOA_X

ClientSampled :

VX0320WBS01

Tot Ion: 88 Resp: 42100

Ion	Ratio	Lower	Upper
88	100		
43	36.8	25.1	37.7
58	76.6	57.8	86.6

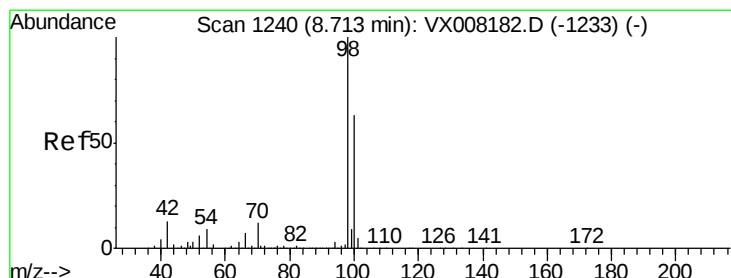
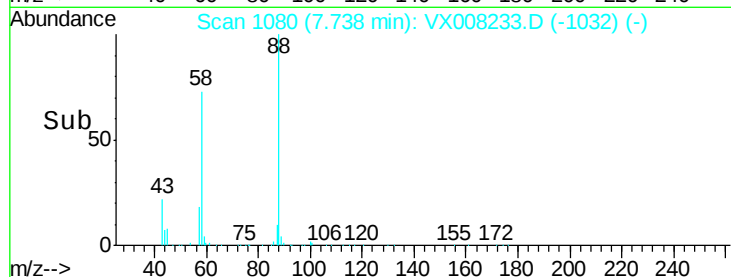
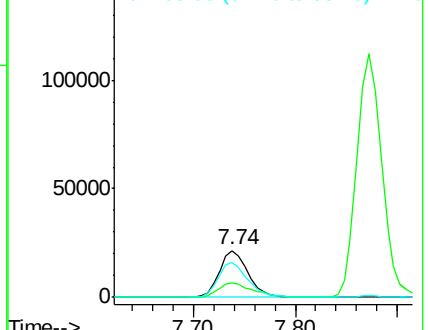


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.282 ug/l

RT: 8.71 min Scan# 1240

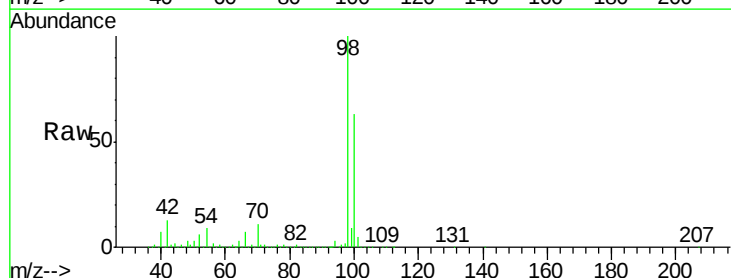
Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Tgt Ion: 98 Resp: 610849

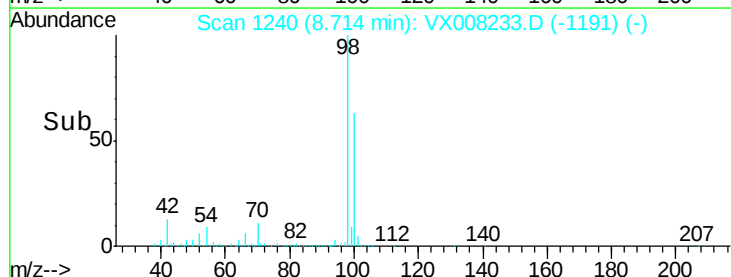
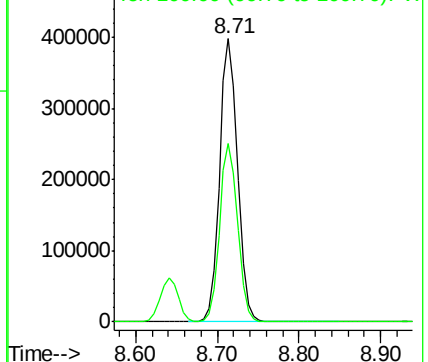
Ion	Ratio	Lower	Upper
98	100		
100	63.2	51.7	77.5

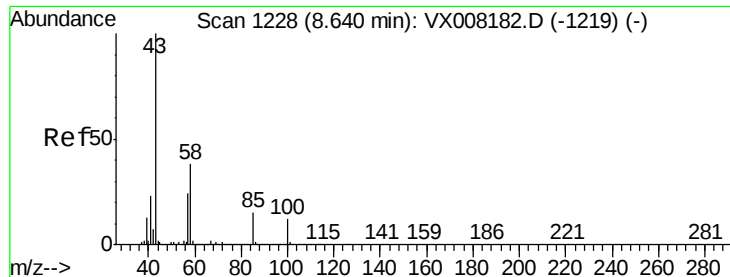


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 104.529 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

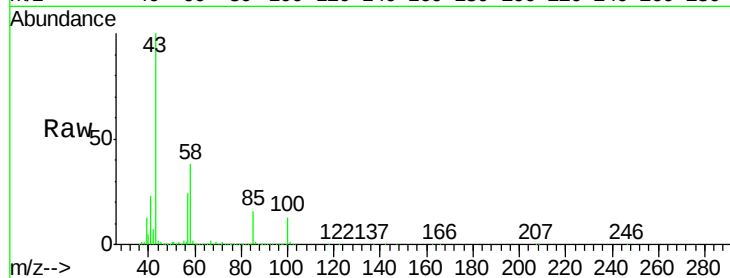
VX0320WBS01

Tot Ion: 43 Resp: 743117

Ion Ratio Lower Upper

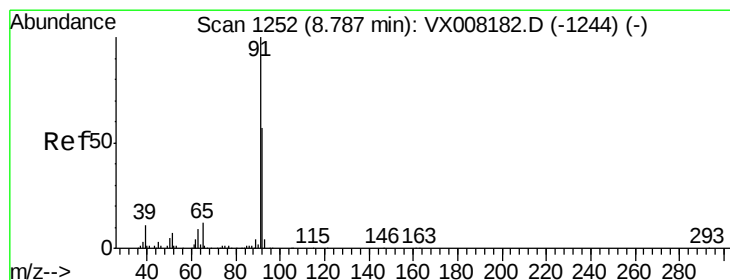
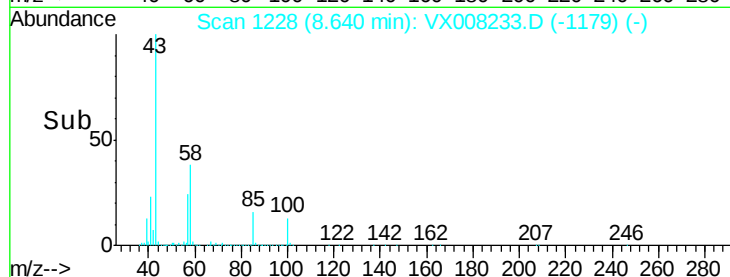
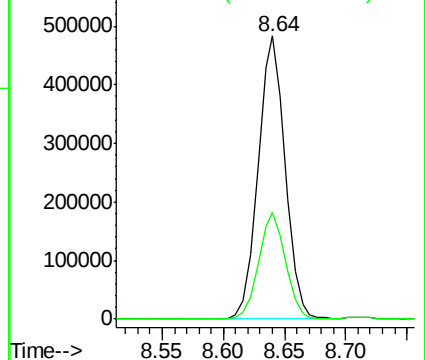
43 100

58 37.6 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.682 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008233.D

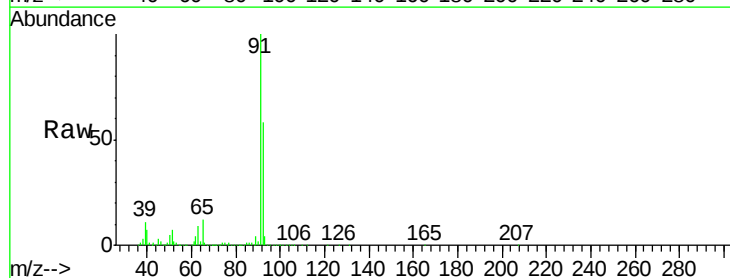
Acq: 20 Mar 2019 11:31

Tgt Ion: 92 Resp: 210768

Ion Ratio Lower Upper

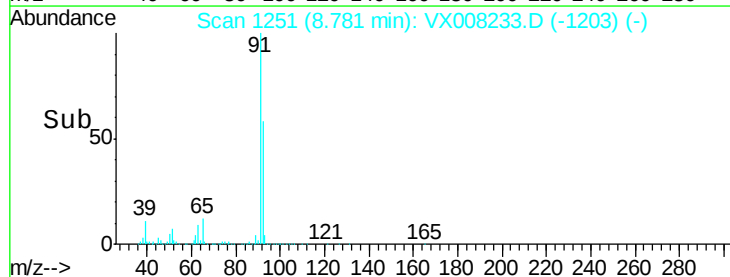
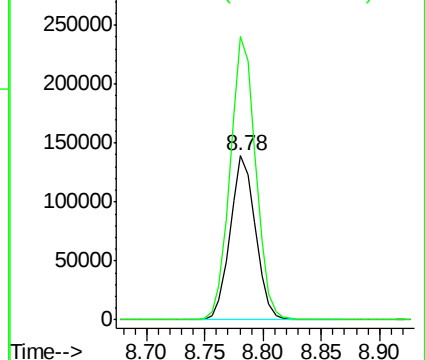
92 100

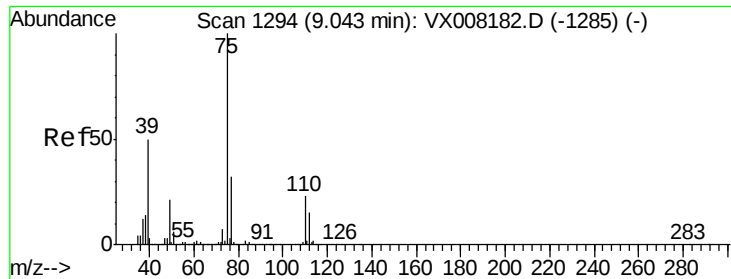
91 174.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

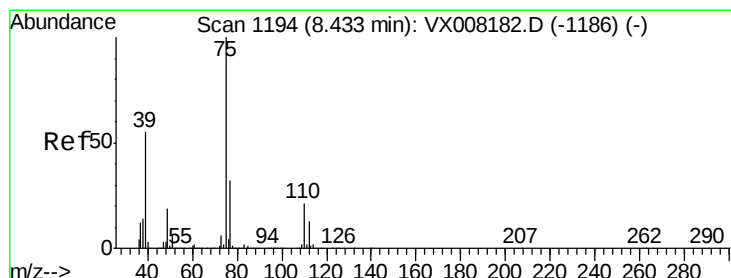
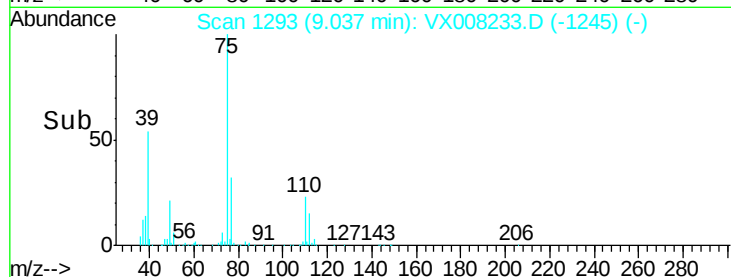
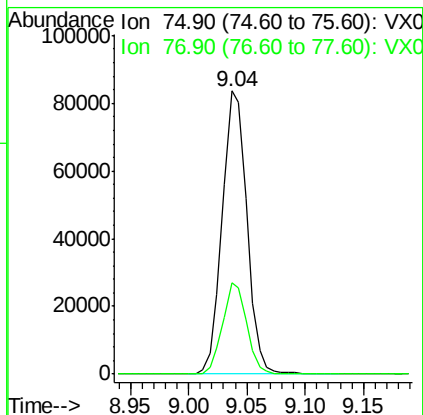
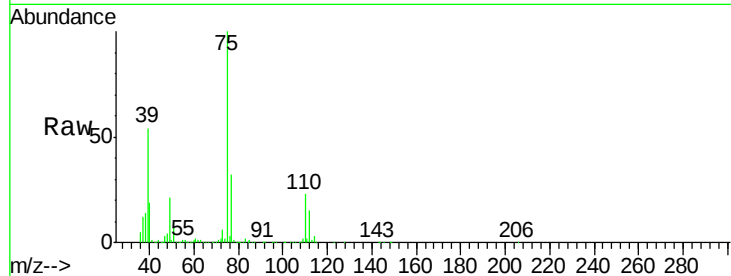




#53
t-1,3-Dichloropropene
Concen: 18.543 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

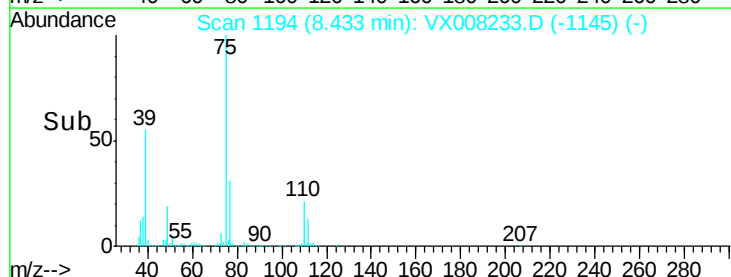
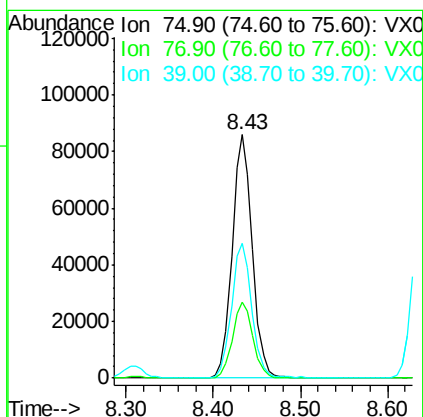
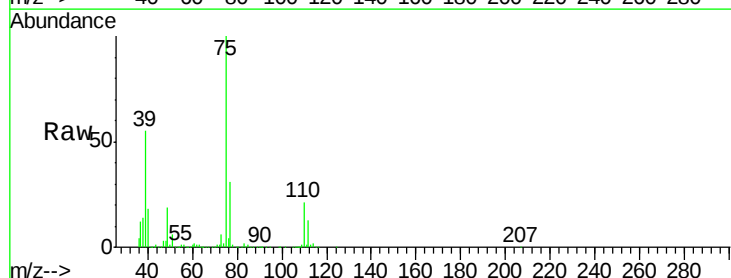
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

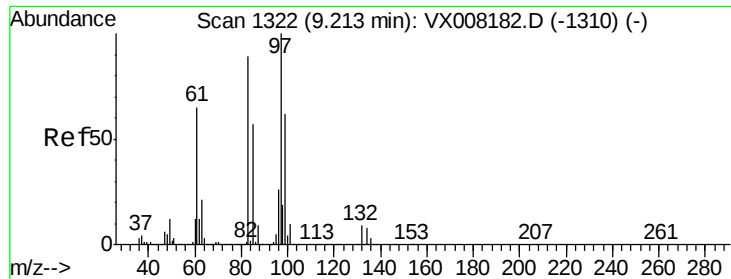
Tot Ion: 75 Resp: 122448
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 20.017 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 75 Resp: 137843
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6
39 55.1 36.6 54.8#

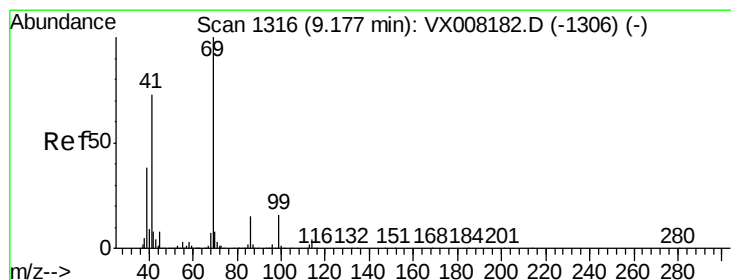
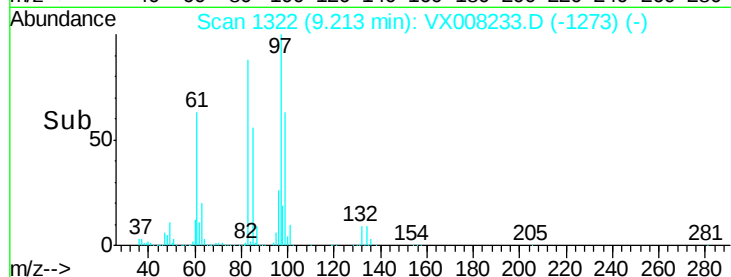
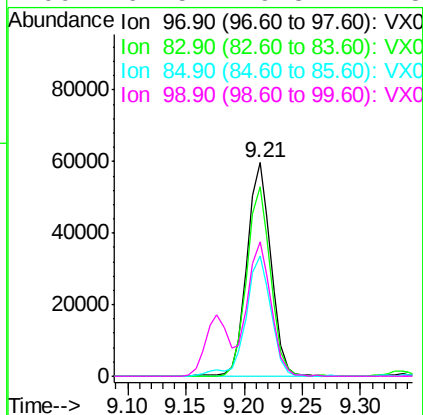
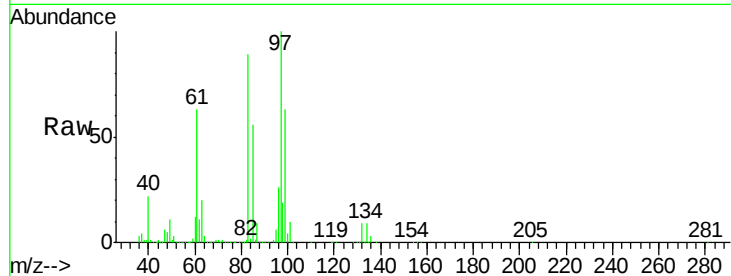




#55
 1,1,2-Trichloroethane
 Concen: 21.030 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

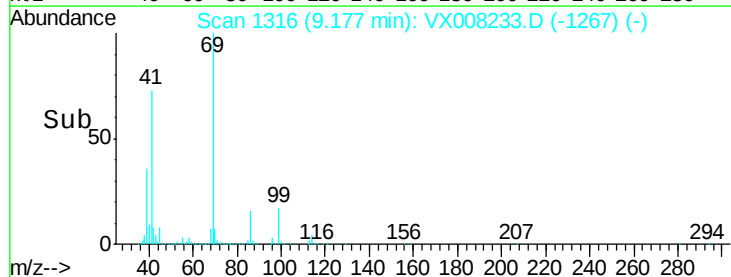
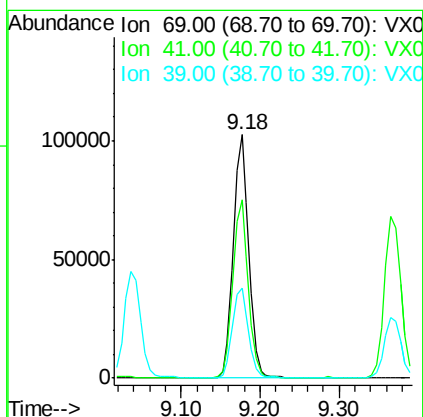
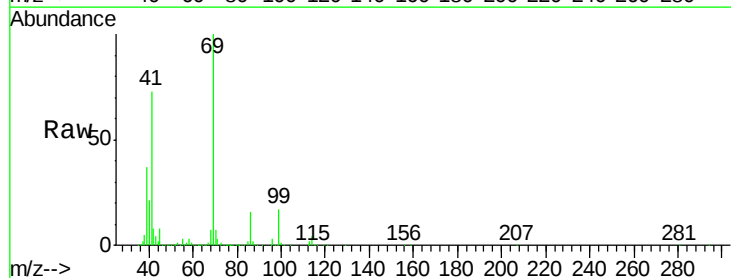
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

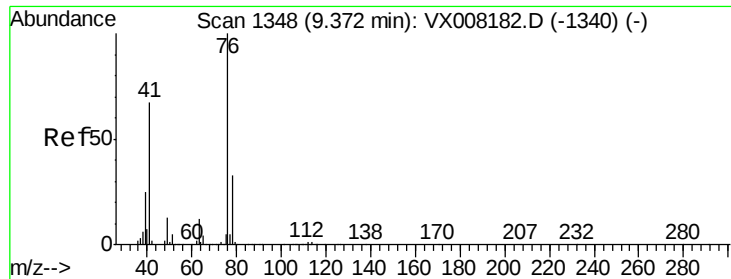
Tot Ion: 97 Resp: 86588
 Ion Ratio Lower Upper
 97 100
 83 88.6 69.1 103.7
 85 55.9 44.3 66.5
 99 62.5 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 19.784 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion: 69 Resp: 140564
 Ion Ratio Lower Upper
 69 100
 41 72.5 54.2 81.4
 39 38.2 25.0 37.4#





#57

1,3-Dichloropropane

Concen: 20.571 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

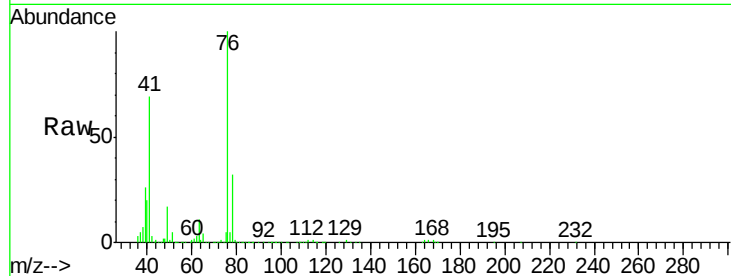
VX0320WBS01

Tot Ion: 76 Resp: 149831

Ion Ratio Lower Upper

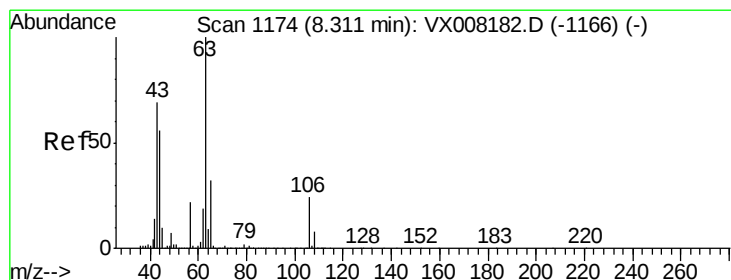
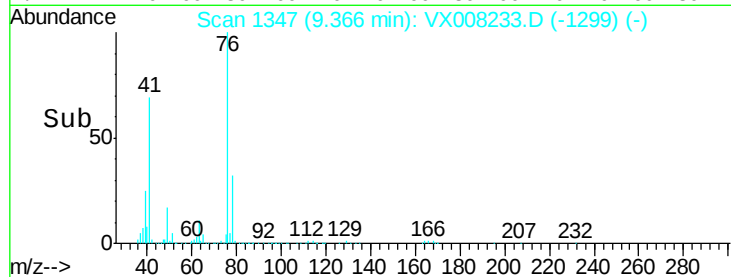
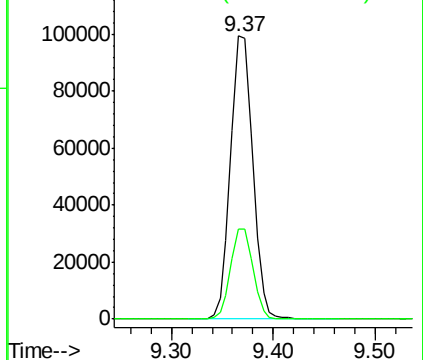
76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 89.773 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008233.D

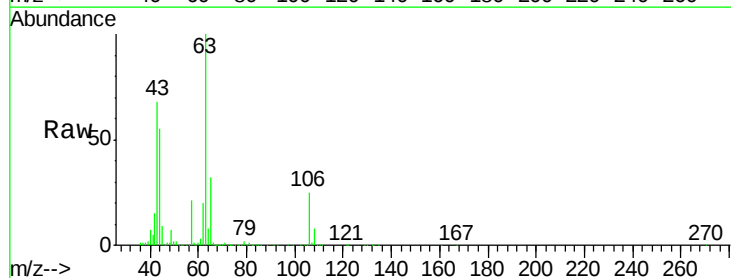
Acq: 20 Mar 2019 11:31

Tgt Ion: 63 Resp: 302850

Ion Ratio Lower Upper

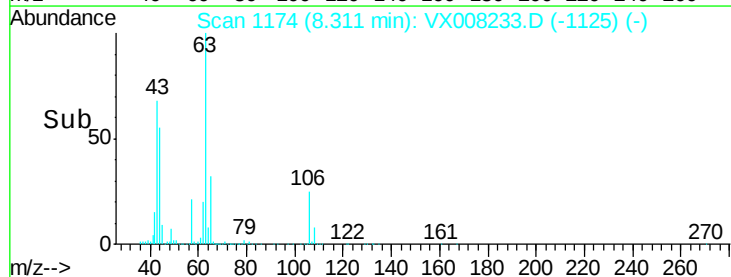
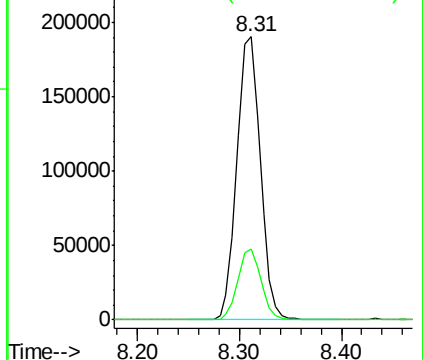
63 100

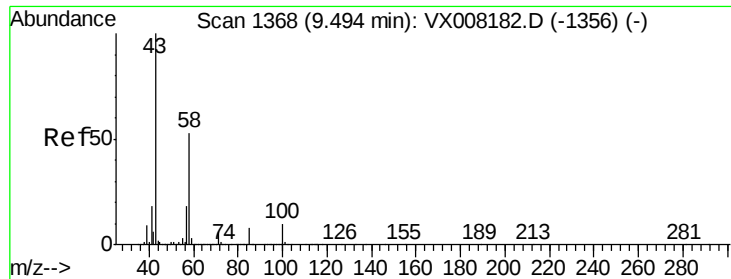
106 24.6 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

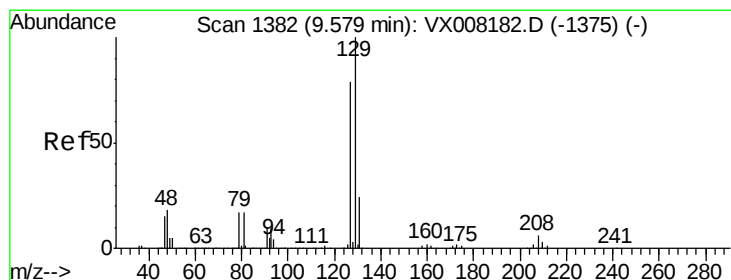
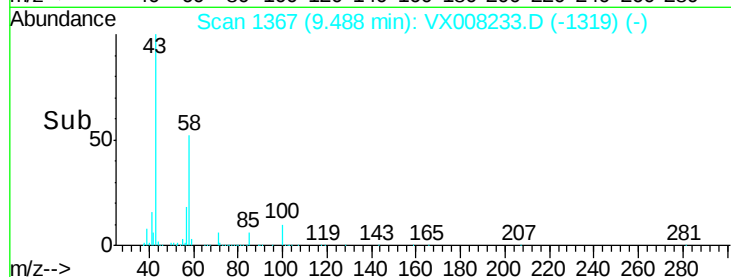
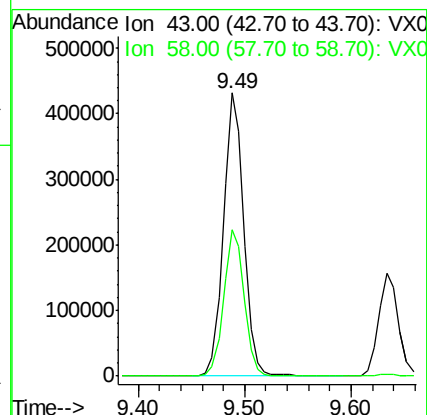
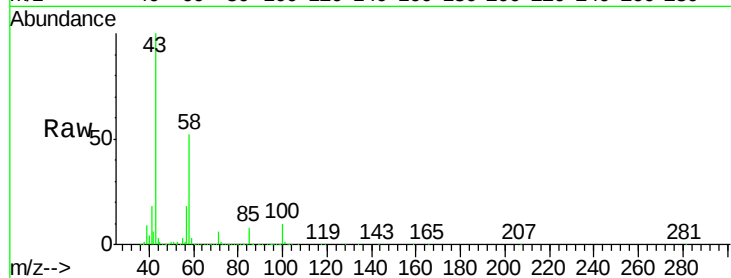




#59
2-Hexanone
Concen: 104.377 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

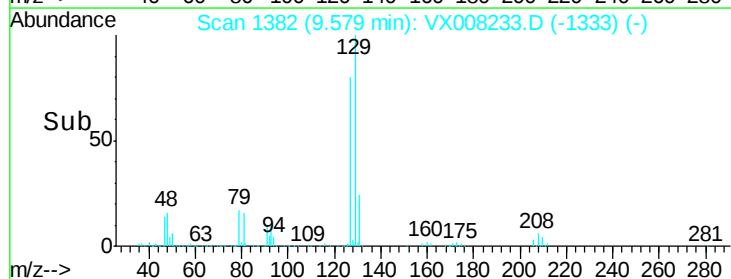
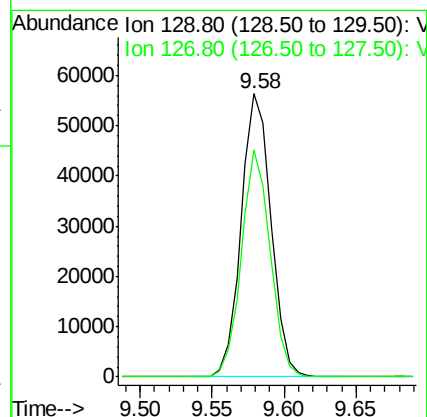
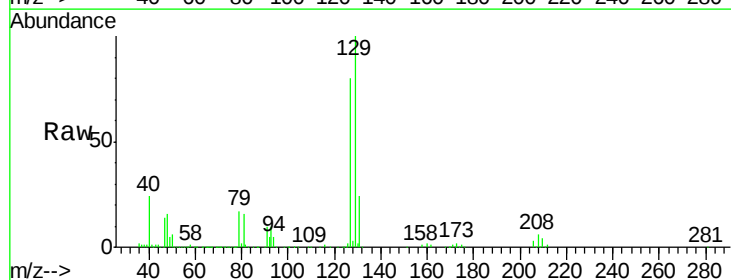
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

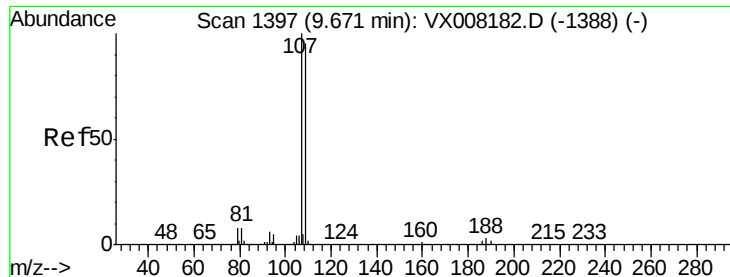
Tot Ion: 43 Resp: 571279
Ion Ratio Lower Upper
43 100
58 52.1 27.6 82.7



#60
Dibromochloromethane
Concen: 20.524 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 129 Resp: 81212
Ion Ratio Lower Upper
129 100
127 77.4 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.562 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

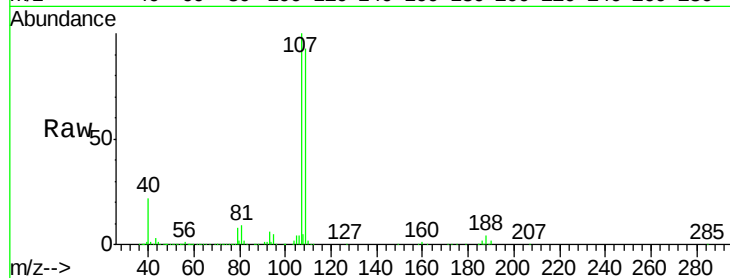
VX0320WBS01

Tot Ion:107 Resp: 88402

Ion Ratio Lower Upper

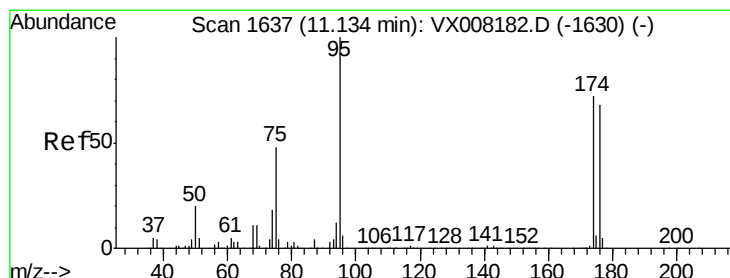
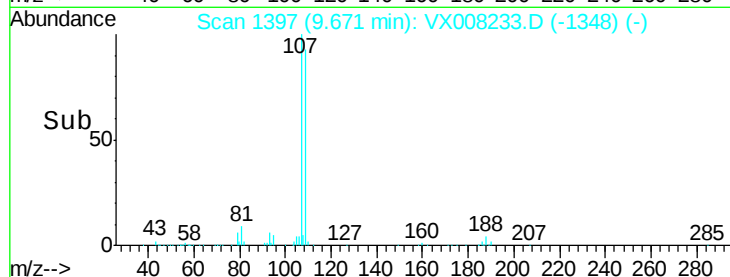
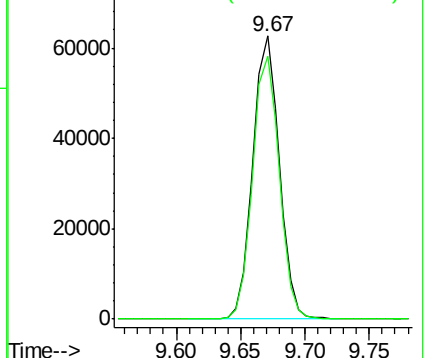
107 100

109 93.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.007 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

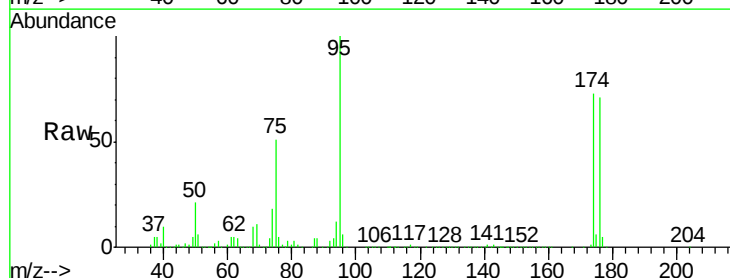
Tgt Ion: 95 Resp: 217843

Ion Ratio Lower Upper

95 100

174 78.2 0.0 182.8

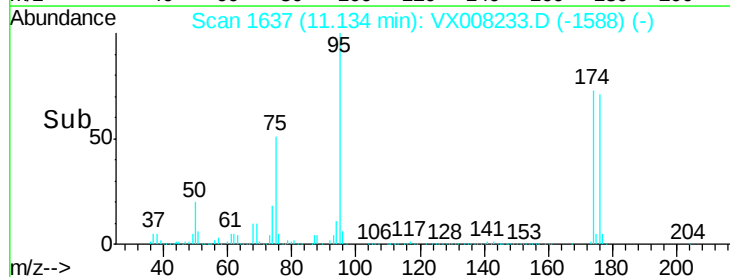
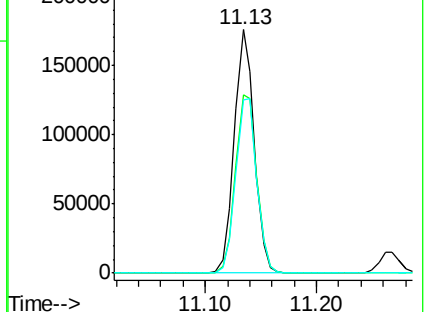
176 76.0 0.0 178.0

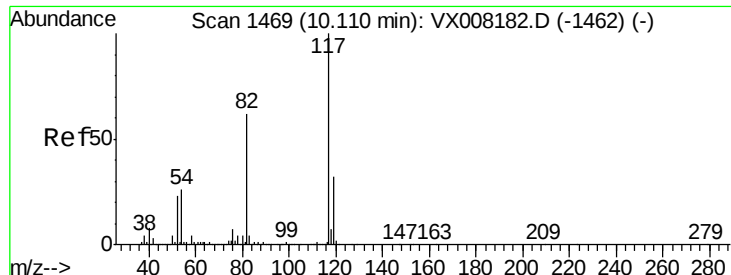


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

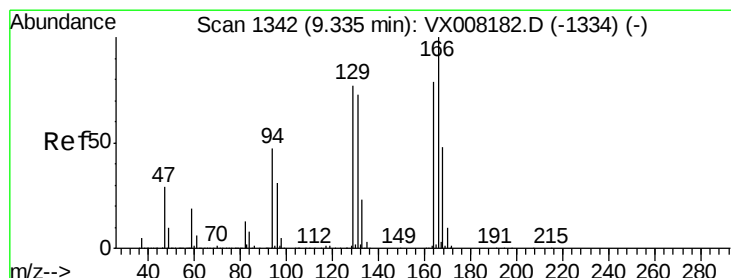
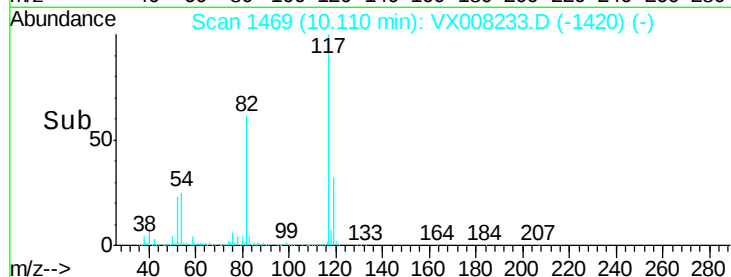
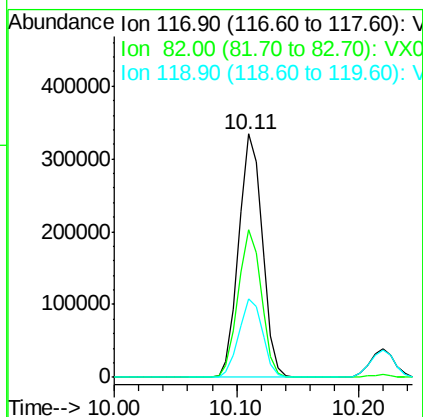
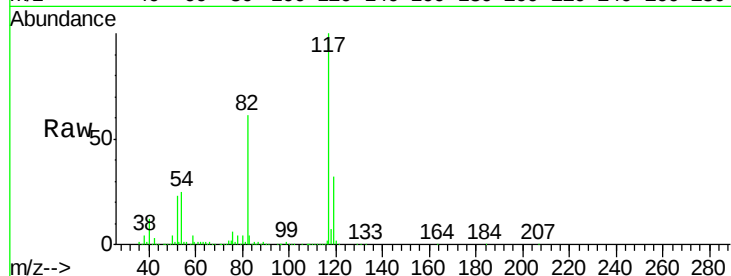




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

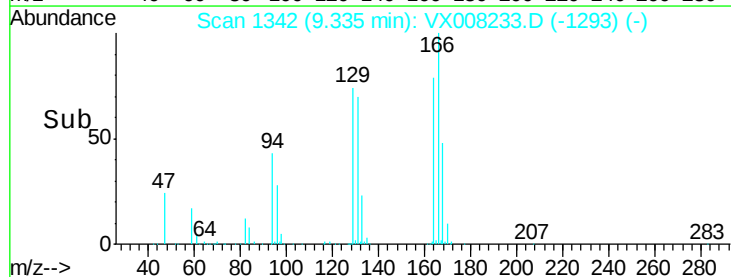
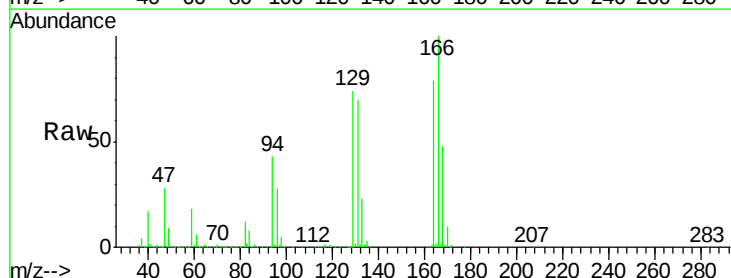
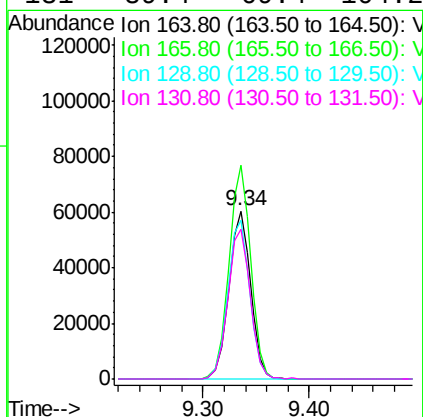
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

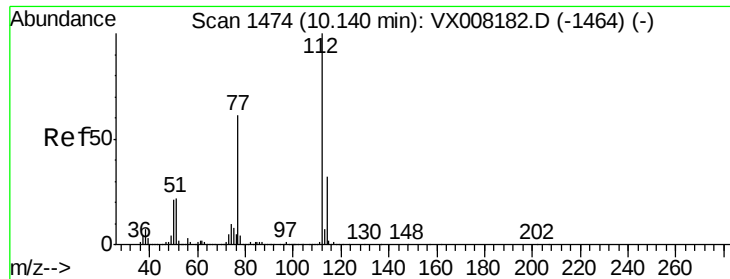
Tot Ion:117 Resp: 445715
Ion Ratio Lower Upper
117 100
82 60.7 44.3 66.5
119 32.4 25.3 37.9



#64
Tetrachloroethene
Concen: 21.574 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion:164 Resp: 86753
Ion Ratio Lower Upper
164 100
166 127.2 103.4 155.0
129 94.4 72.2 108.4
131 89.4 69.4 104.2





#65

Chlorobenzene

Concen: 20.468 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

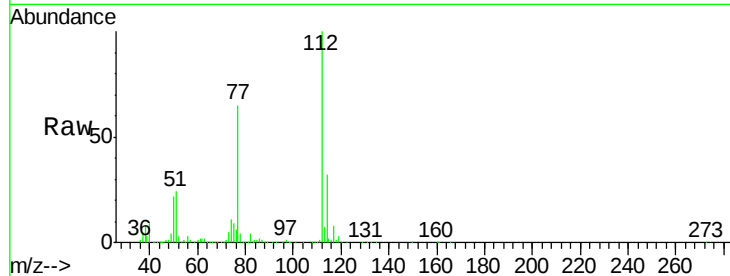
VX0320WBS01

Tot Ion:112 Resp: 224482

Ion Ratio Lower Upper

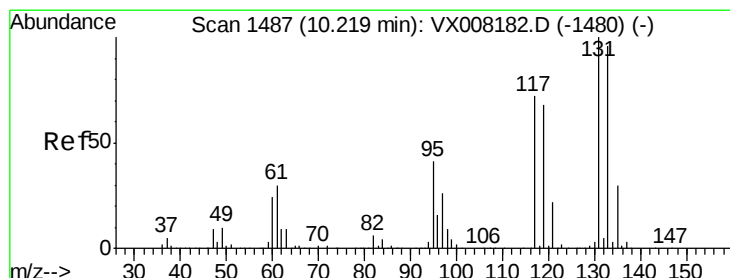
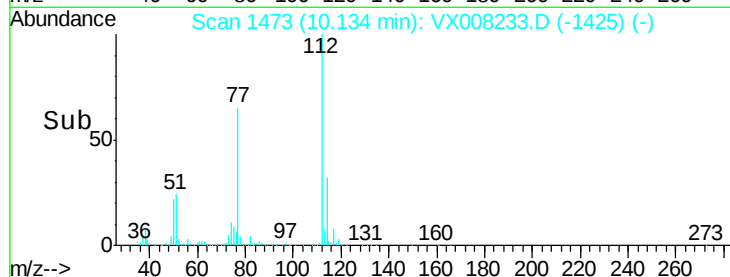
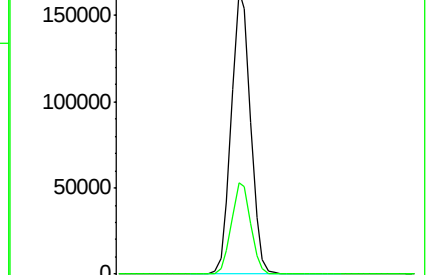
112 100

114 32.1 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.171 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

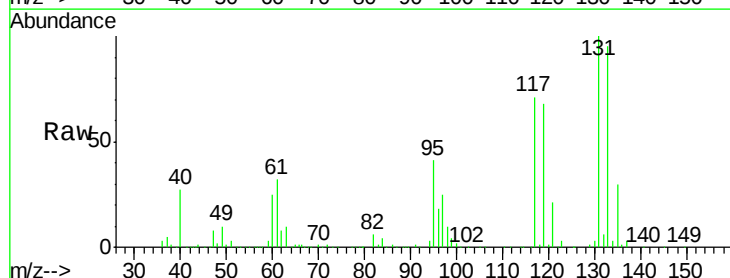
Tgt Ion:131 Resp: 77130

Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

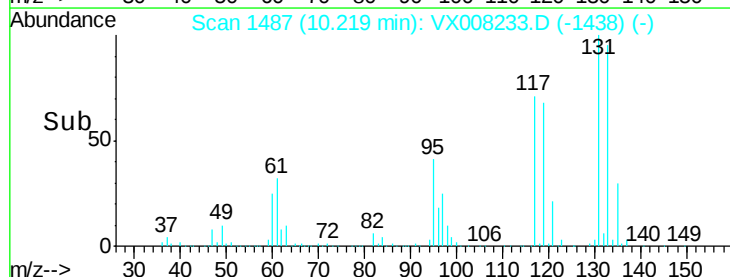
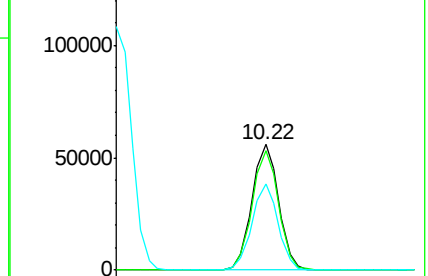
119 66.9 32.5 97.5

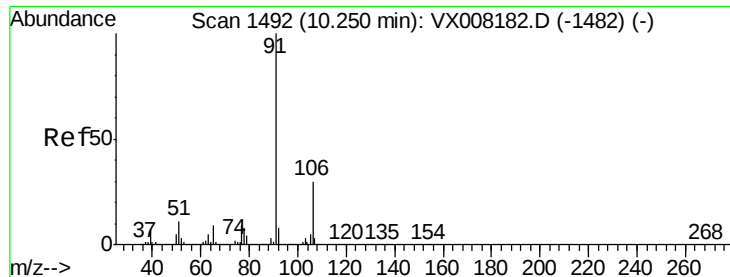


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.628 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

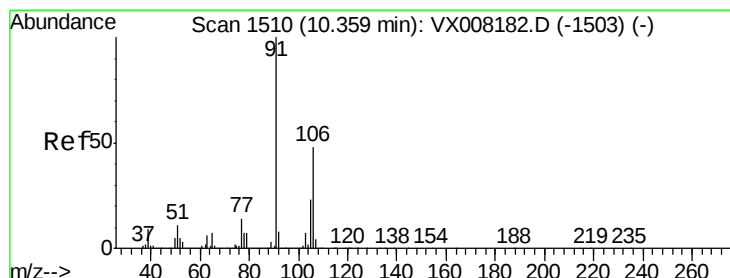
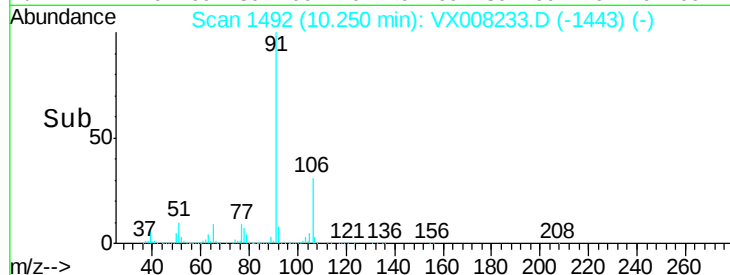
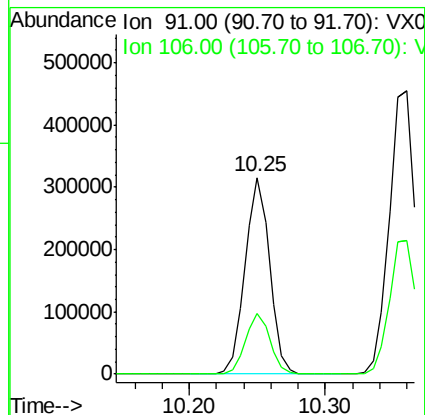
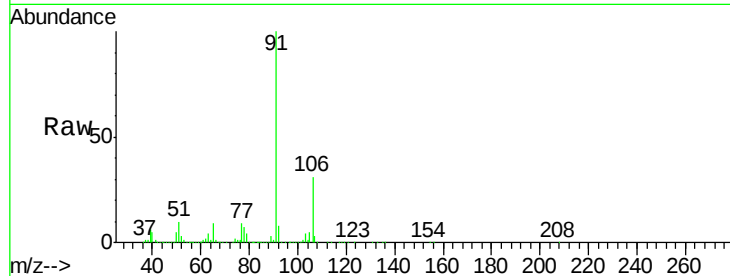
VX0320WBS01

Tot Ion: 91 Resp: 398667

Ion Ratio Lower Upper

91 100

106 30.7 25.2 37.8



#68

m/p-Xylenes

Concen: 41.770 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008233.D

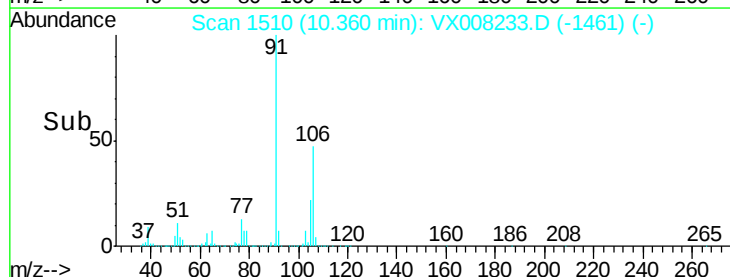
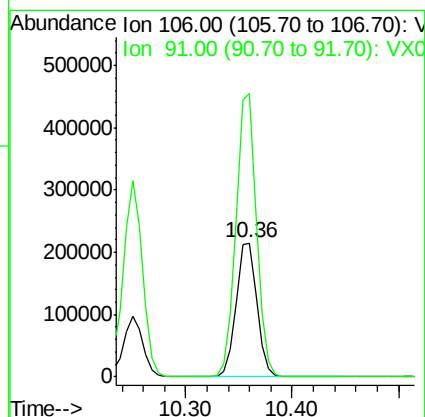
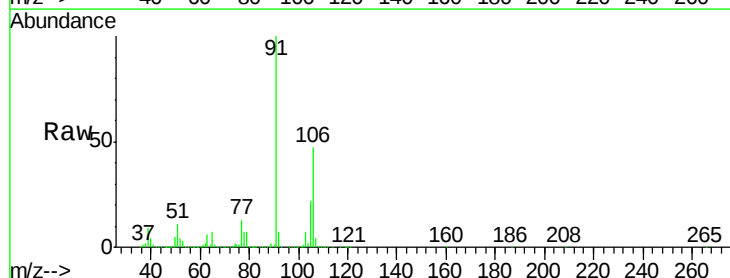
Acq: 20 Mar 2019 11:31

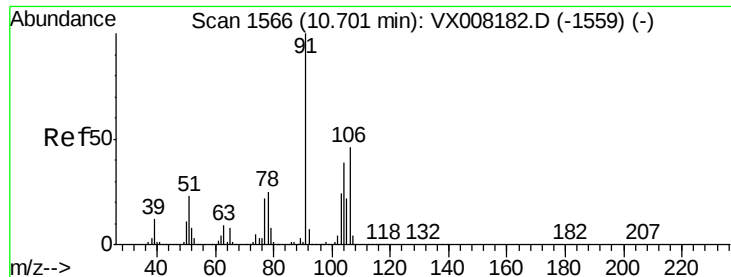
Tgt Ion: 106 Resp: 296545

Ion Ratio Lower Upper

106 100

91 208.7 159.8 239.6

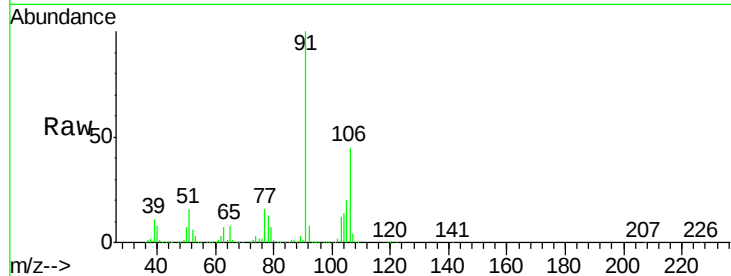




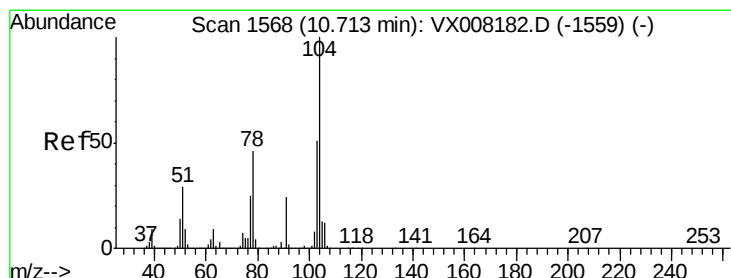
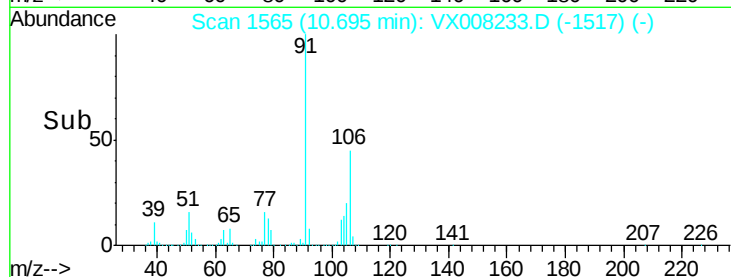
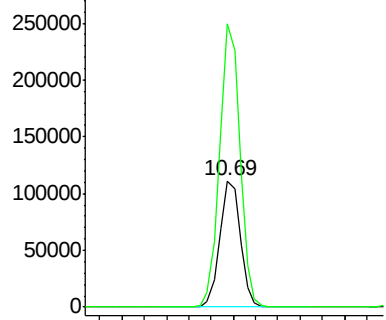
#69
o-Xylene
Concen: 20.839 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Instrument :
MSVOA_X
ClientSampled :
VX0320WBS01

Tot Ion:106 Resp: 143761
Ion Ratio Lower Upper
106 100
91 221.3 106.3 318.9

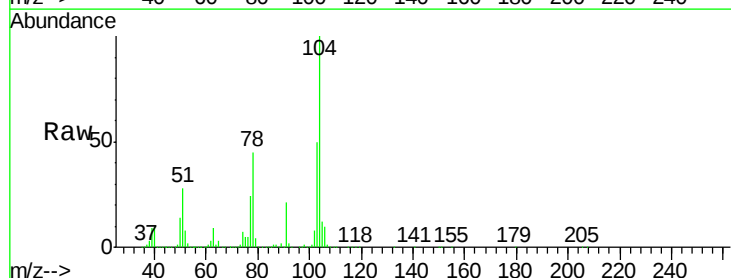


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

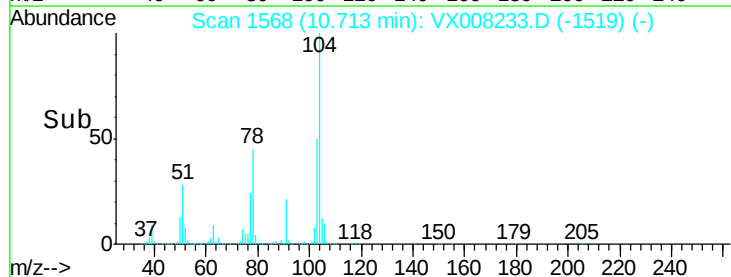
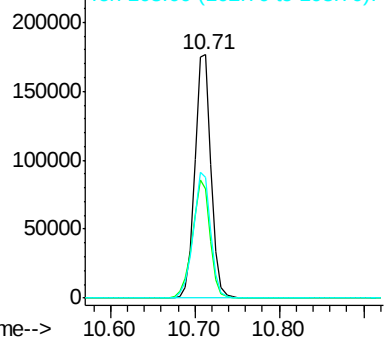


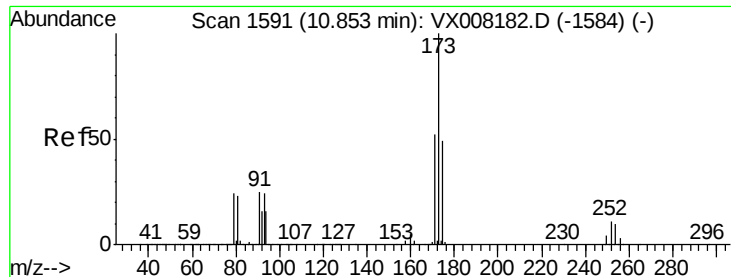
#70
Styrene
Concen: 20.955 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion:104 Resp: 234931
Ion Ratio Lower Upper
104 100
78 52.6 38.5 57.7
103 55.7 44.1 66.1



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

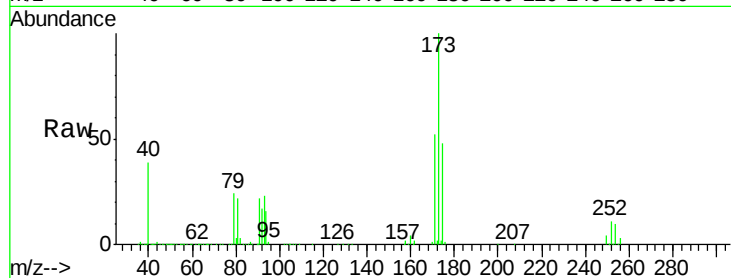




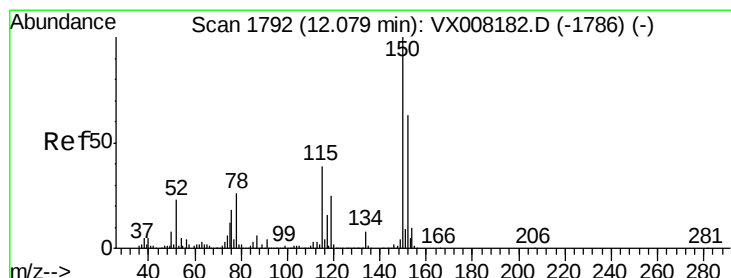
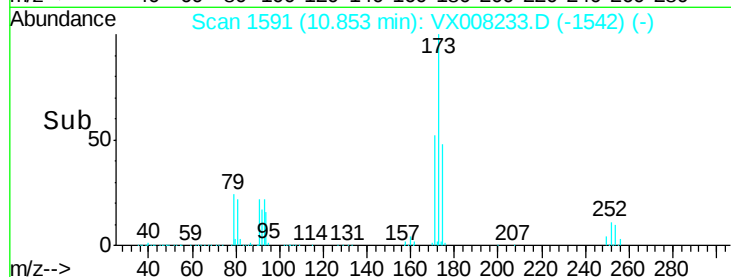
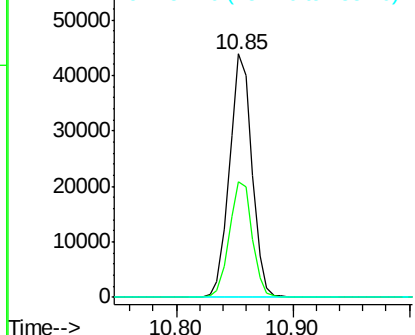
#71
Bromoform
Concen: 19.326 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tot Ion:173 Resp: 59016
Ion Ratio Lower Upper
173 100
175 48.2 24.3 72.9
254 0.2 0.1 0.1#

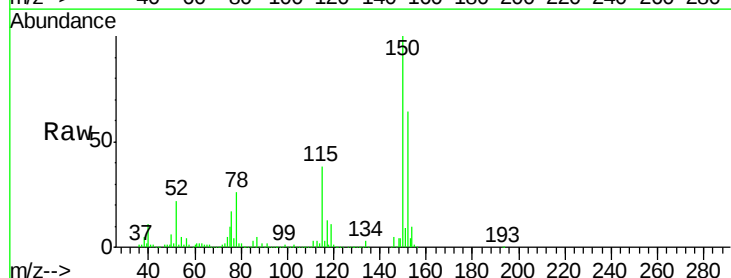


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

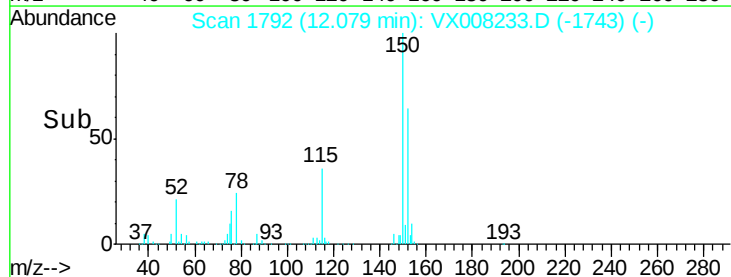
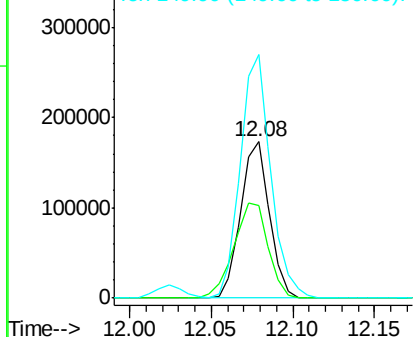


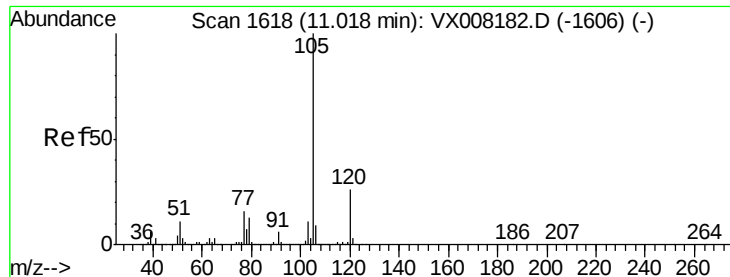
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion:152 Resp: 213559
Ion Ratio Lower Upper
152 100
115 72.0 38.6 115.7
150 164.7 0.0 348.4



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





#73

Isopropylbenzene

Concen: 20.432 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

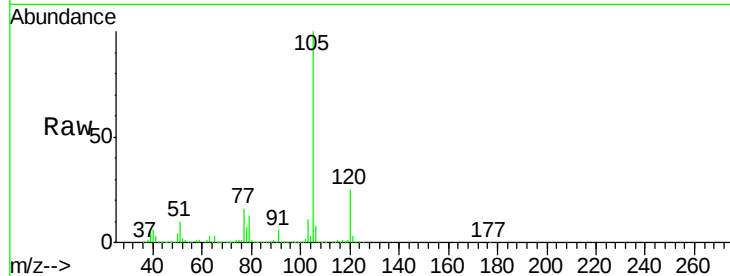
VX0320WBS01

Tot Ion:105 Resp: 388937

Ion Ratio Lower Upper

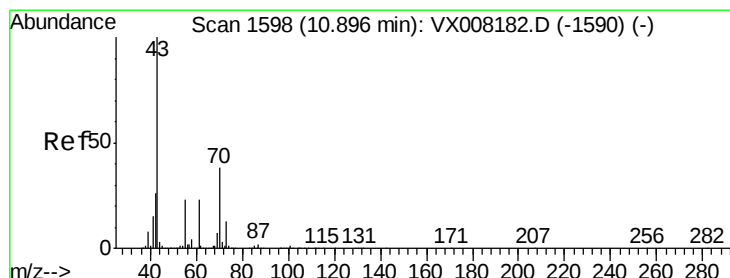
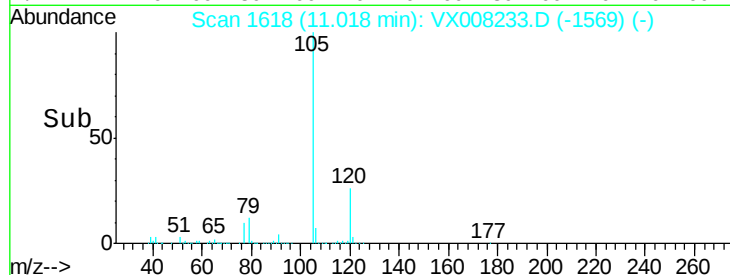
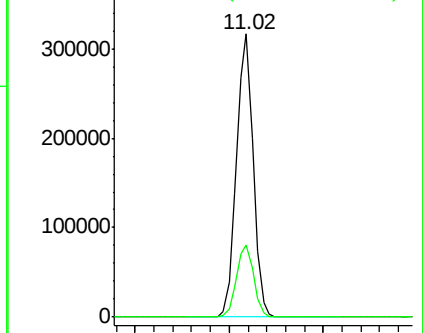
105 100

120 26.0 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: 19.282 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Tgt Ion: 43 Resp: 192306

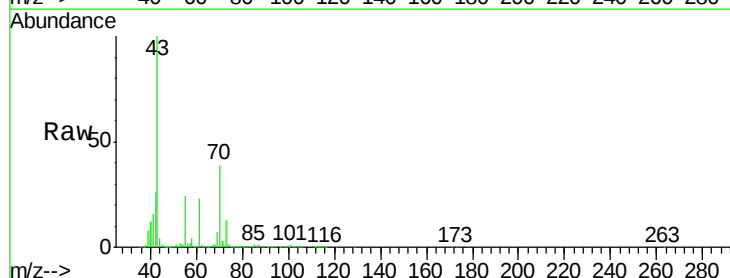
Ion Ratio Lower Upper

43 100

70 39.1 33.5 50.3

55 24.4 19.2 28.8

61 22.8 19.0 28.6

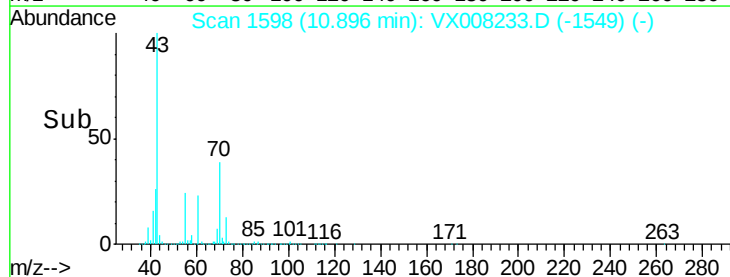
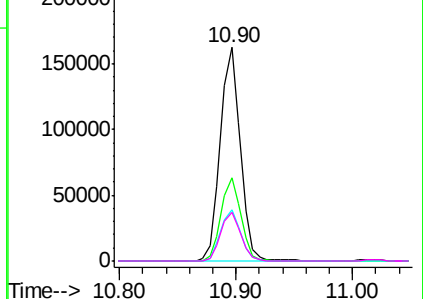


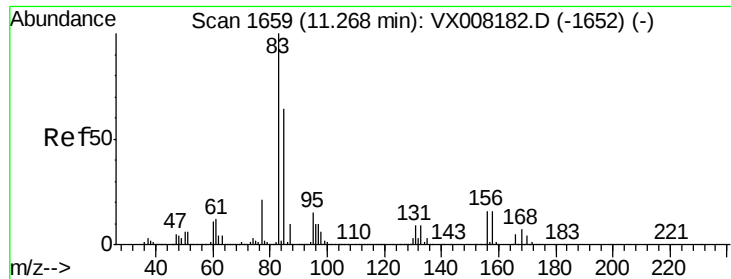
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.208 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampled :

VX0320WBS01

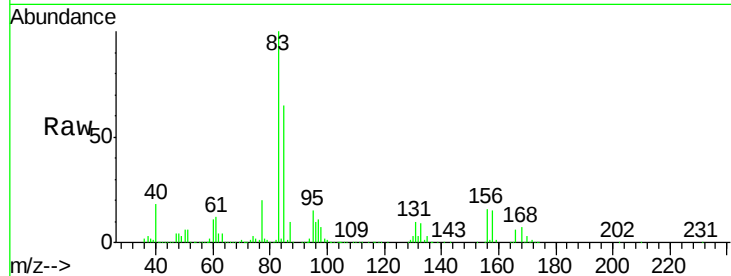
Tot Ion: 83 Resp: 131109

Ion Ratio Lower Upper

83 100

131 9.5 5.4 16.2

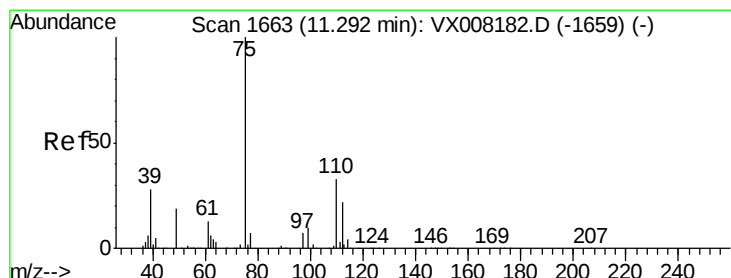
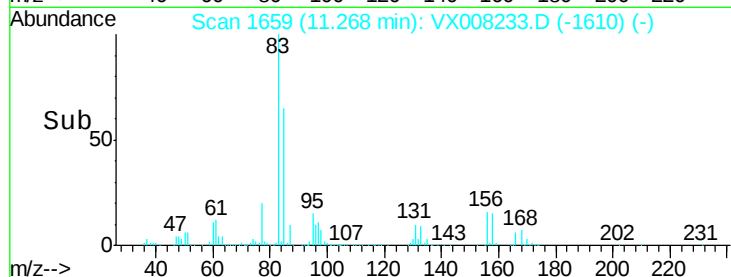
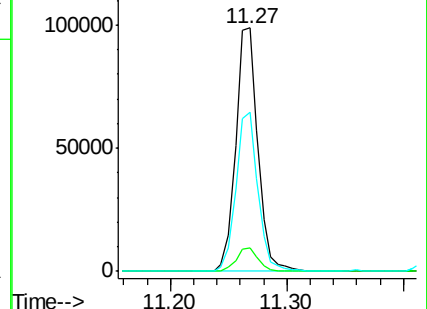
85 65.0 32.3 96.8



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: 26.417 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX008233.D

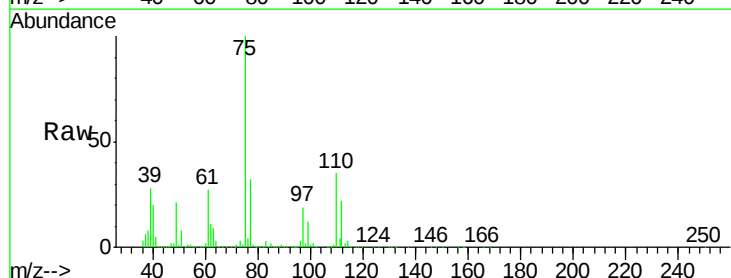
Acq: 20 Mar 2019 11:31

Tgt Ion: 75 Resp: 158677

Ion Ratio Lower Upper

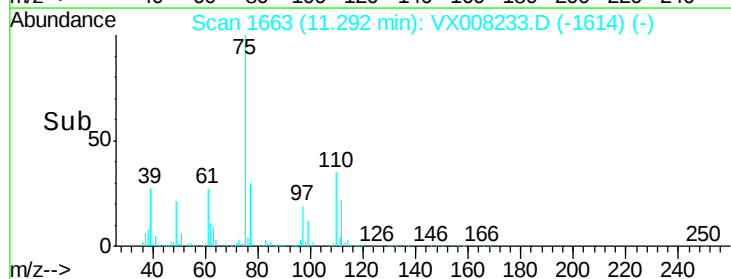
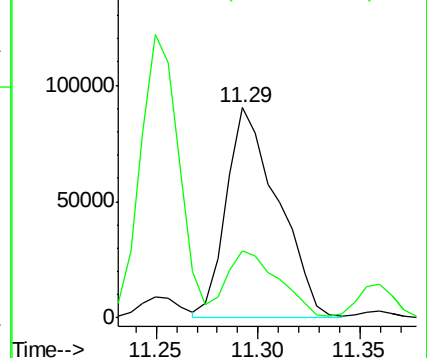
75 100

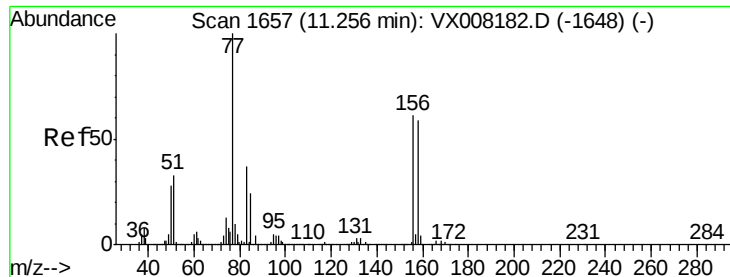
77 32.3 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.909 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

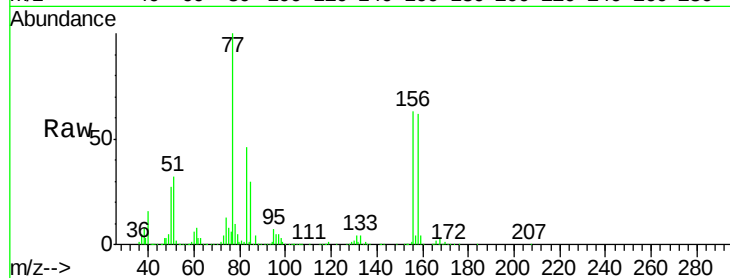
Tot Ion:156 Resp: 91630

Ion Ratio Lower Upper

156 100

77 173.6 72.0 215.9

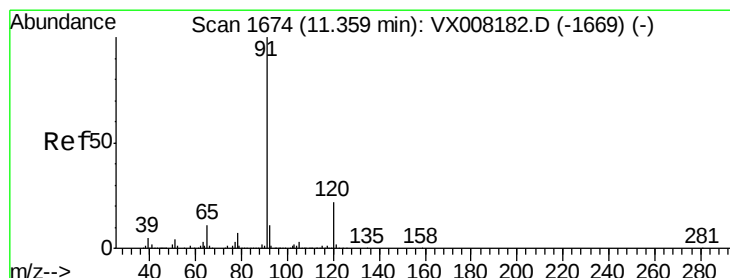
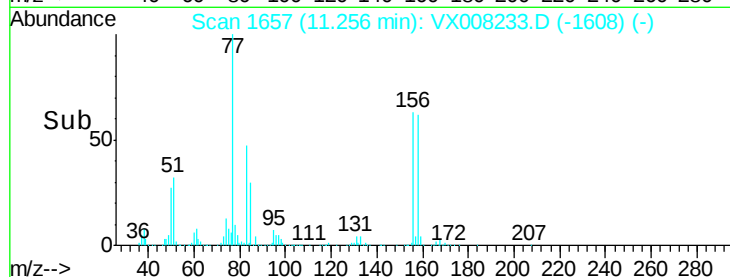
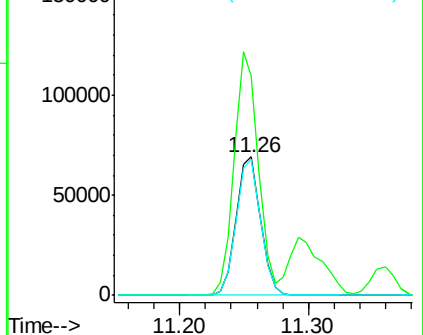
158 97.8 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.669 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008233.D

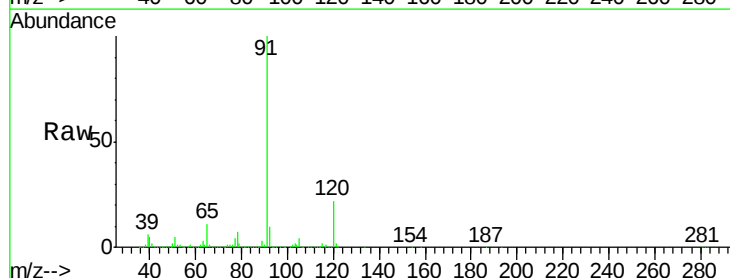
Acq: 20 Mar 2019 11:31

Tgt Ion: 91 Resp: 456972

Ion Ratio Lower Upper

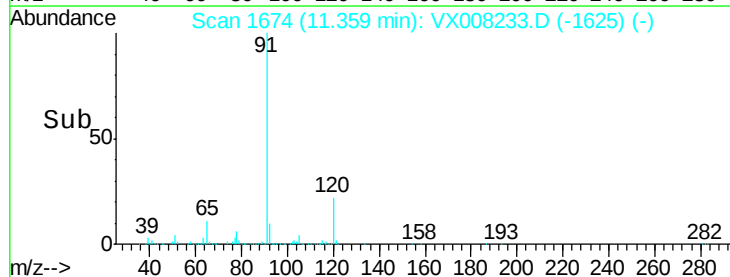
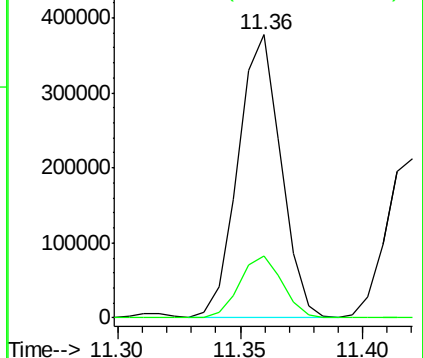
91 100

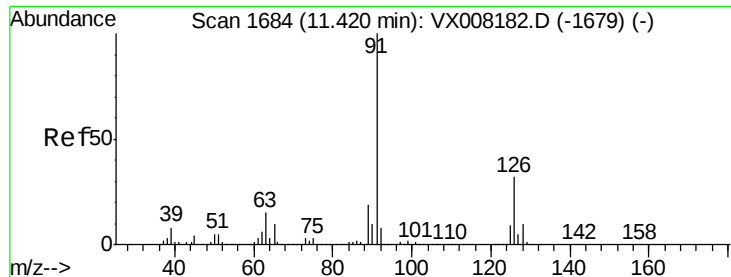
120 22.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.140 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

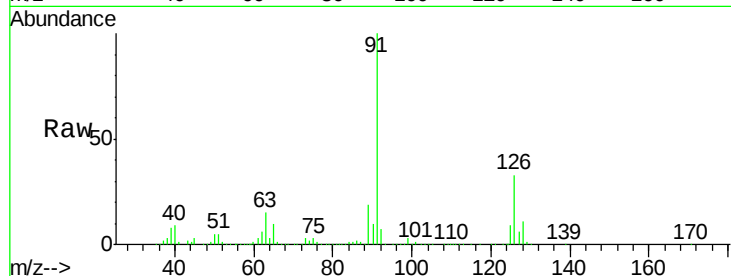
VX0320WBS01

Tot Ion: 91 Resp: 267266

Ion Ratio Lower Upper

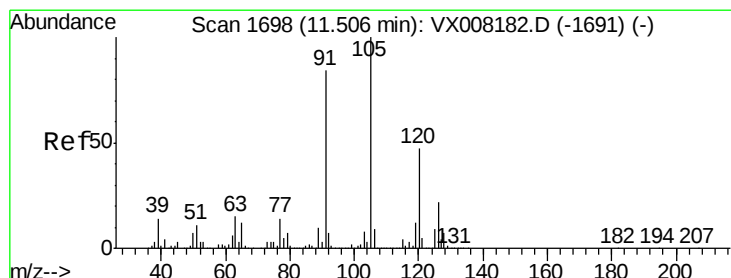
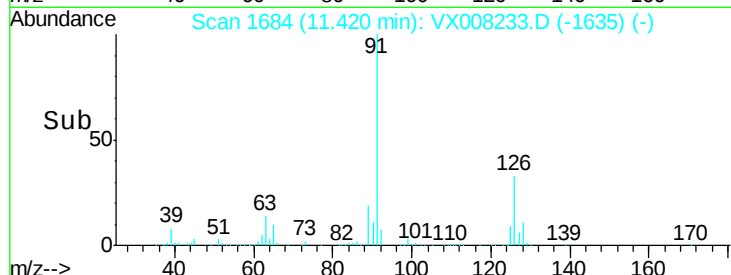
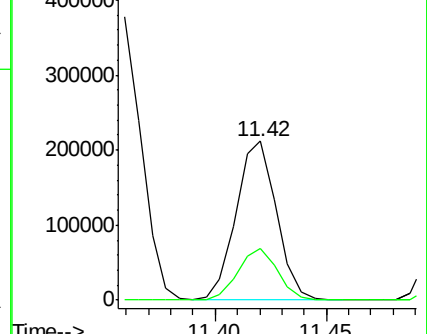
91 100

126 31.9 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.512 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008233.D

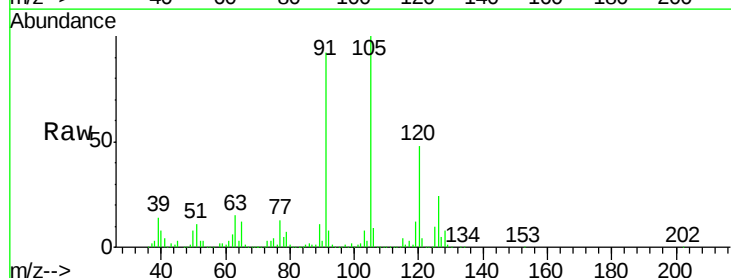
Acq: 20 Mar 2019 11:31

Tgt Ion:105 Resp: 322577

Ion Ratio Lower Upper

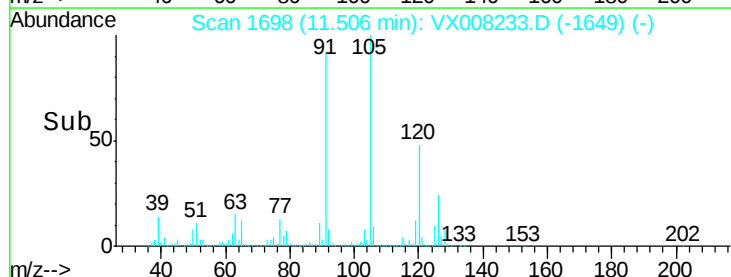
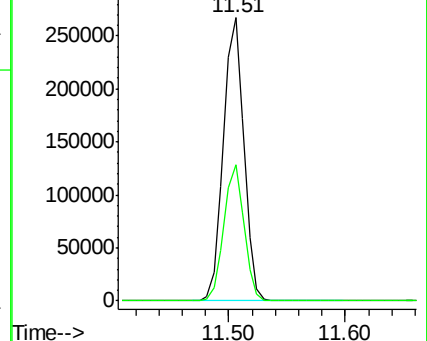
105 100

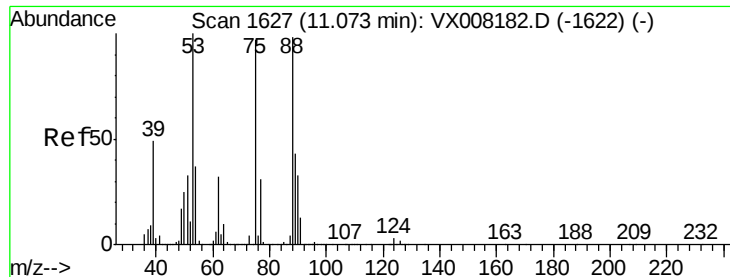
120 47.3 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

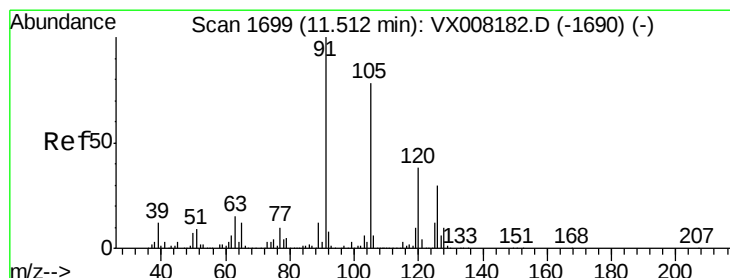
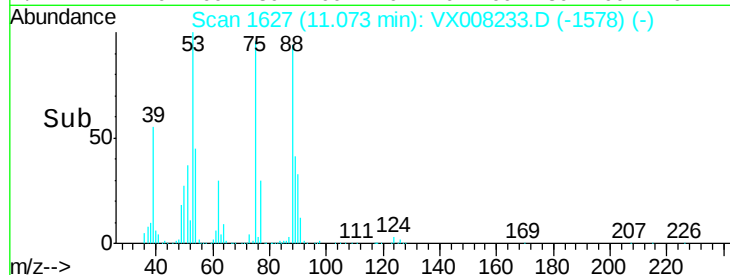
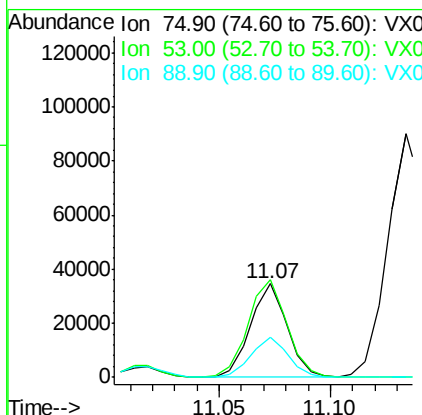
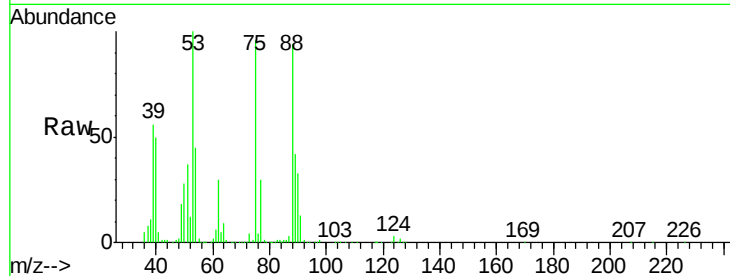




#81
trans-1,4-Dichloro-2-butene
Concen: 17.814 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

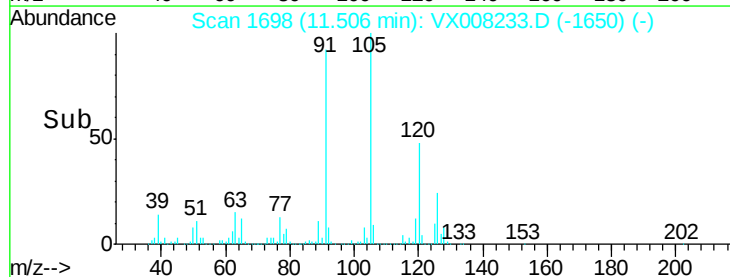
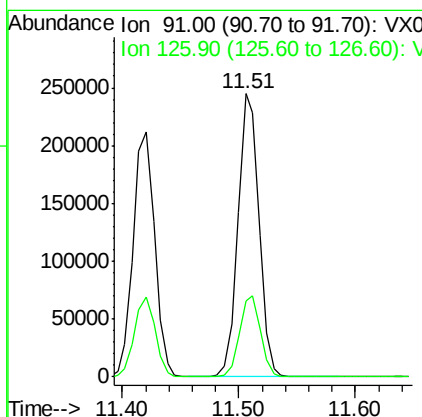
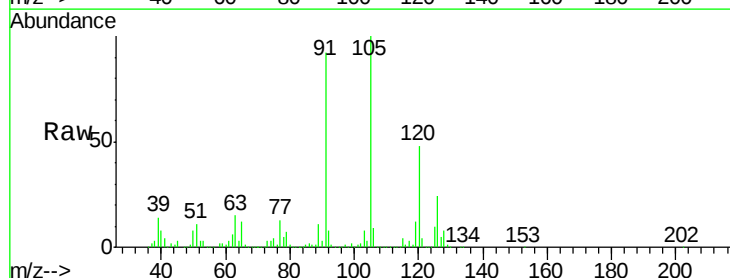
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

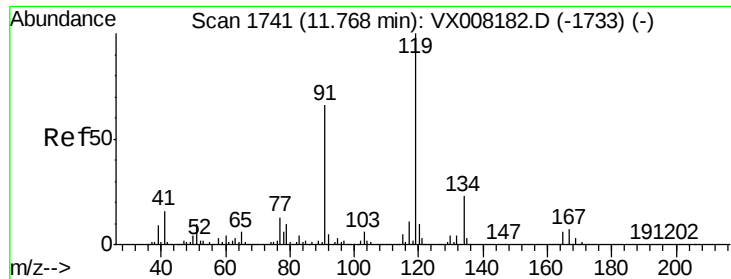
Tot Ion: 75 Resp: 39730
Ion Ratio Lower Upper
75 100
53 109.7 76.1 114.1
89 44.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.942 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 91 Resp: 307943
Ion Ratio Lower Upper
91 100
126 28.5 15.6 46.8





#83

tert-Butylbenzene

Concen: 20.137 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

VX0320WBS01

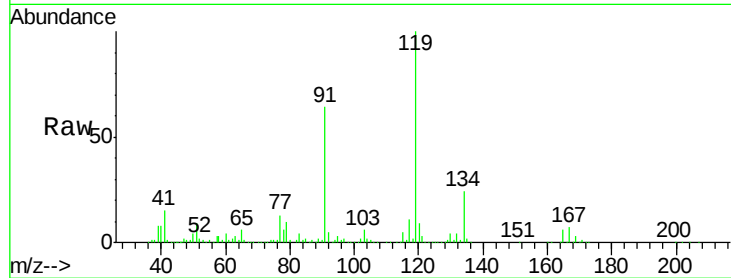
Tot Ion:119 Resp: 302345

Ion Ratio Lower Upper

119 100

91 62.3 27.1 81.3

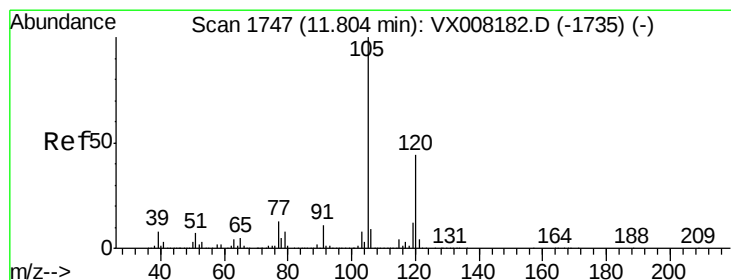
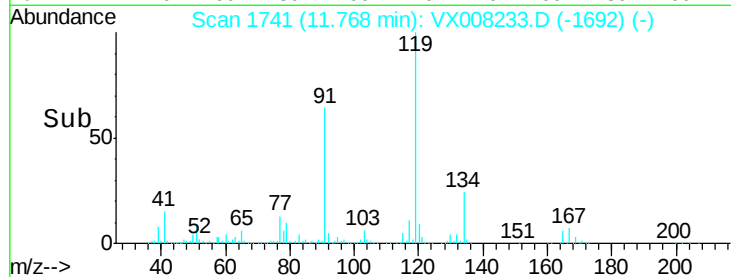
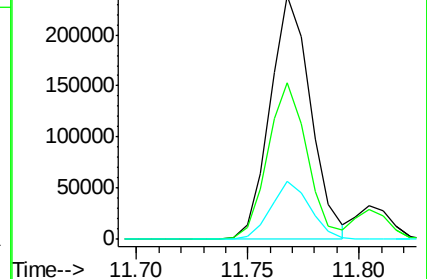
134 22.9 11.4 34.1



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: 20.582 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX008233.D

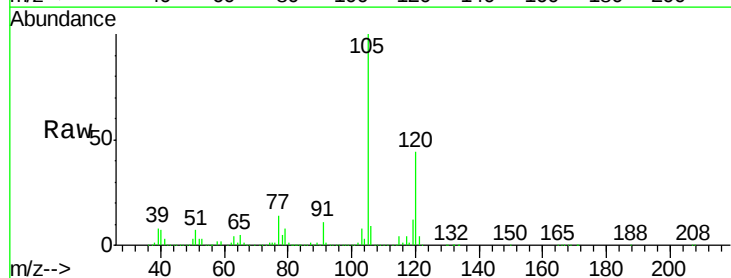
Acq: 20 Mar 2019 11:31

Tgt Ion:105 Resp: 328150

Ion Ratio Lower Upper

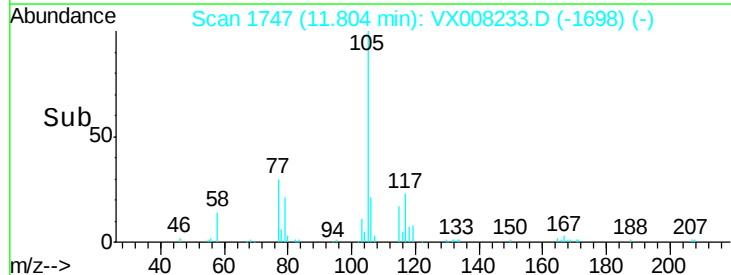
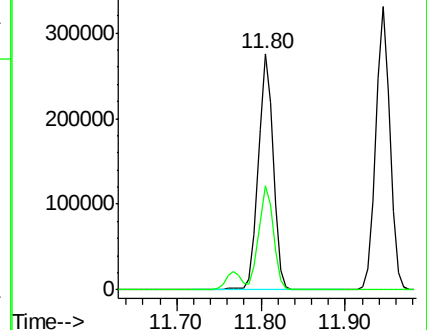
105 100

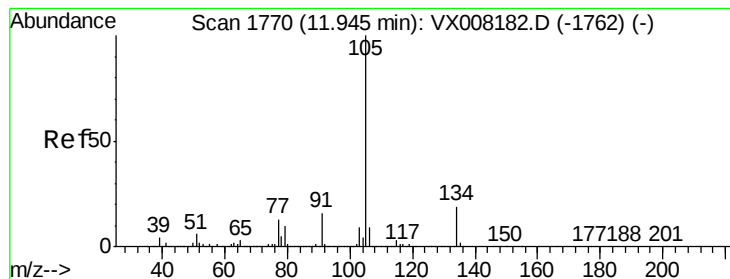
120 43.1 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.804 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

Instrument :

MSVOA_X

ClientSampleId :

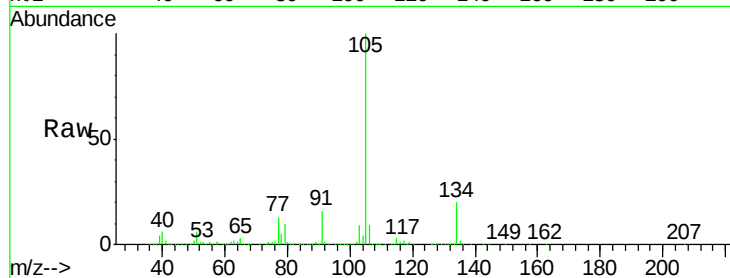
VX0320WBS01

Tot Ion:105 Resp: 386818

Ion Ratio Lower Upper

105 100

134 19.5 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

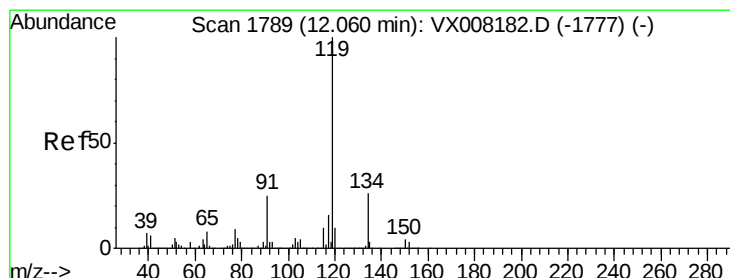
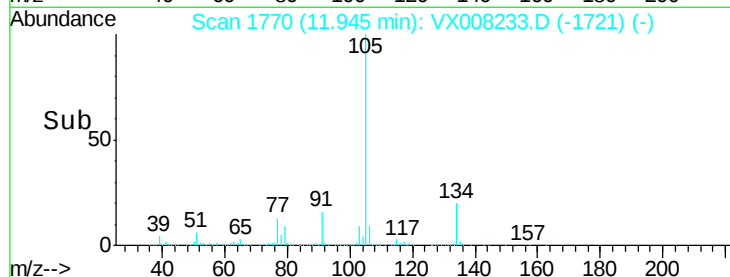
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 20.782 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008233.D

Acq: 20 Mar 2019 11:31

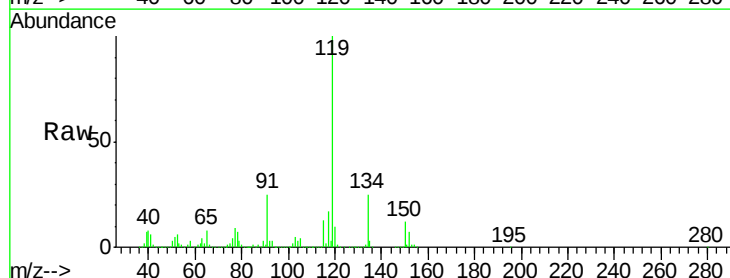
Tgt Ion:119 Resp: 334482

Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.9

91 24.8 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

400000

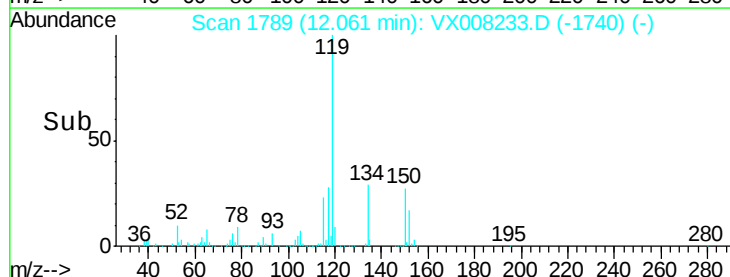
300000

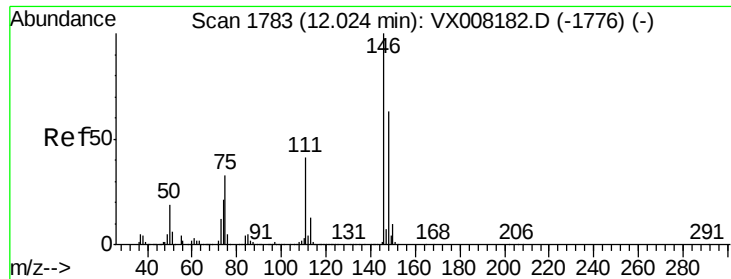
200000

100000

0

Time--> 12.00 12.10

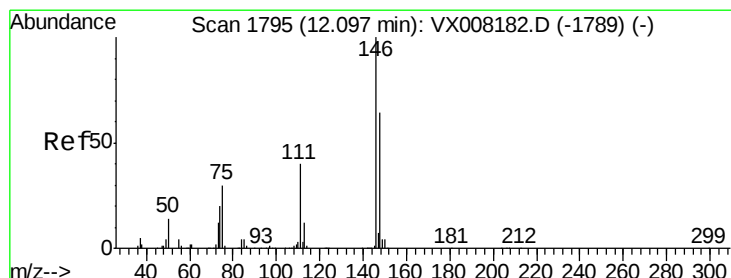
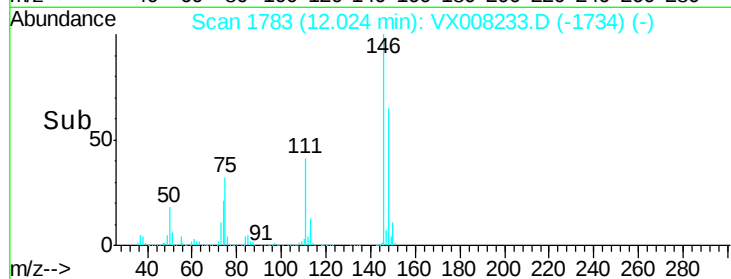
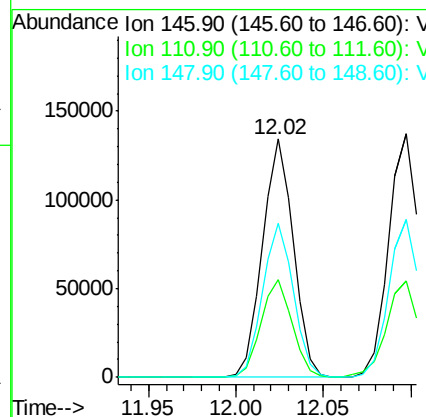
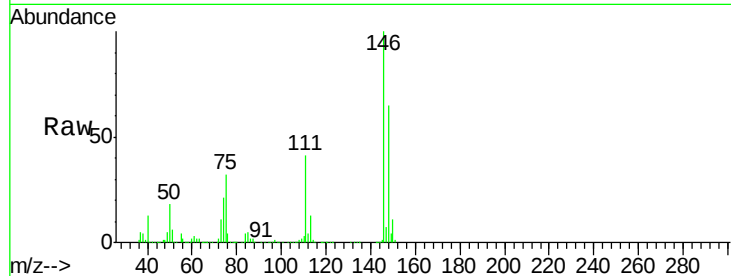




#87
 1,3-Dichlorobenzene
 Concen: 20.057 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

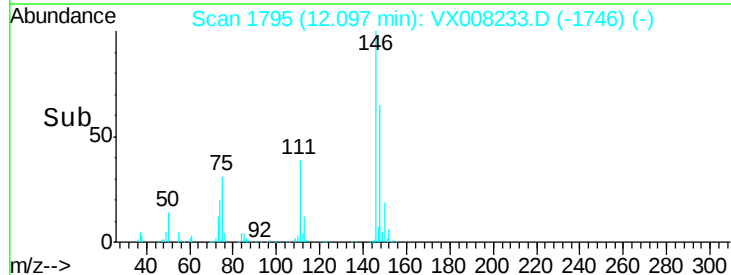
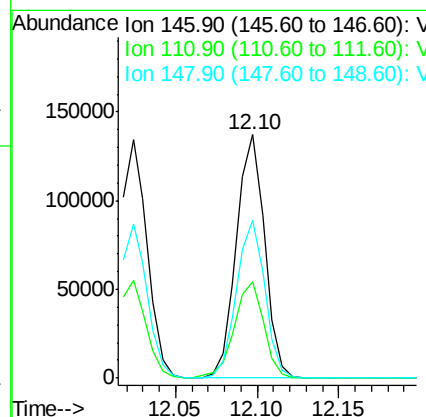
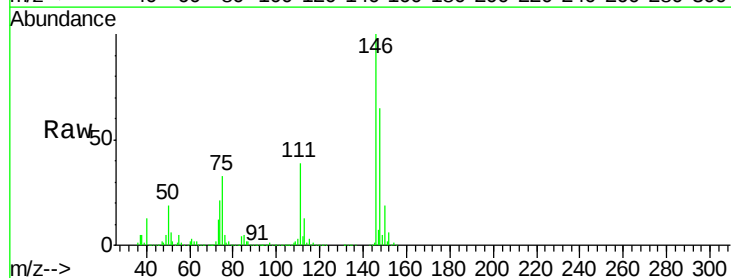
Instrument :
 MSVOA_X
 ClientSampled :
 VX0320WBS01

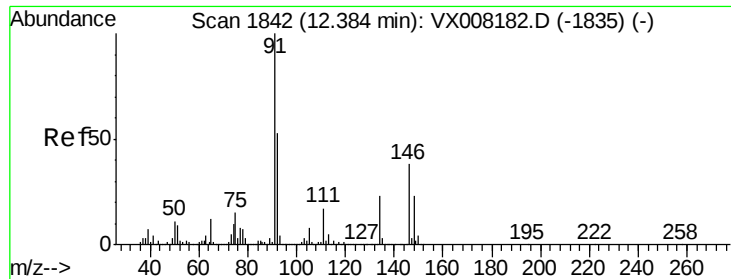
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	18.9	56.7
148	64.5	31.7	95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	18.4	55.0
148	65.3	32.2	96.6

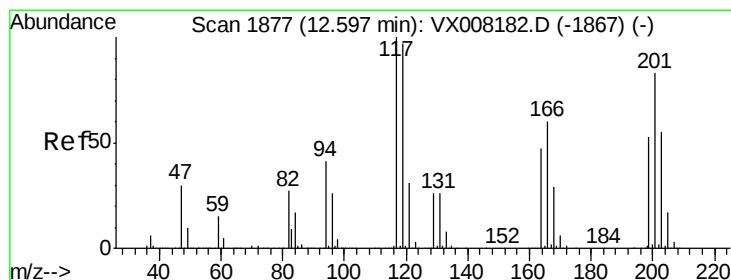
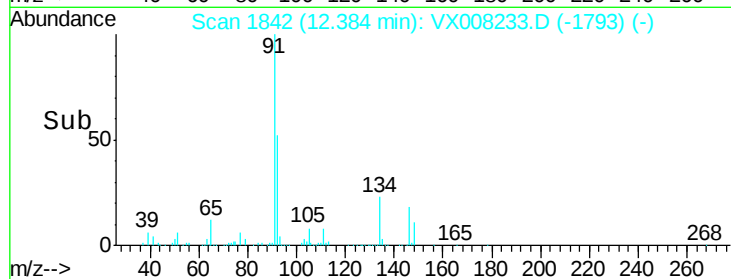
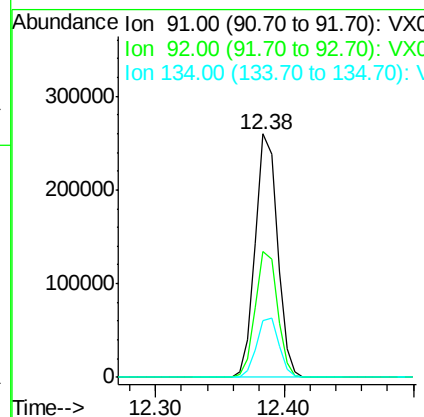
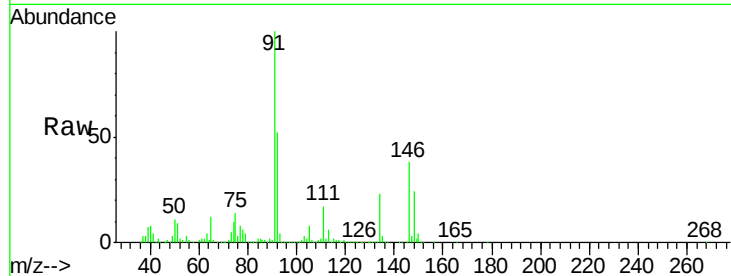




#89
n-Butylbenzene
Concen: 20.256 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

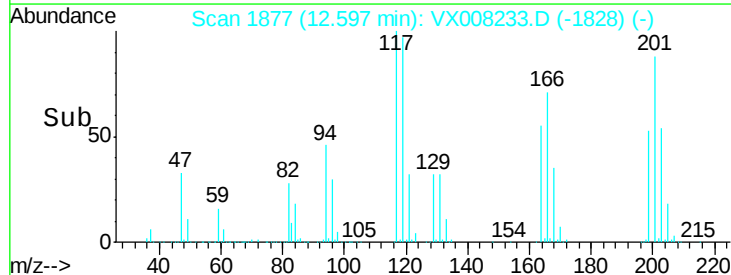
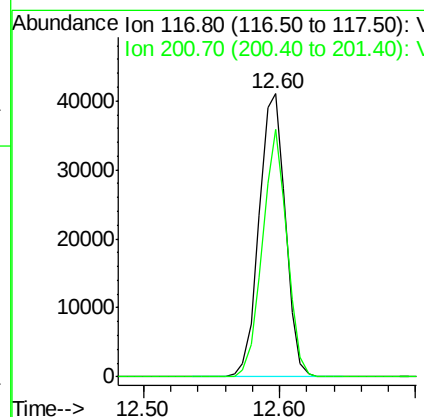
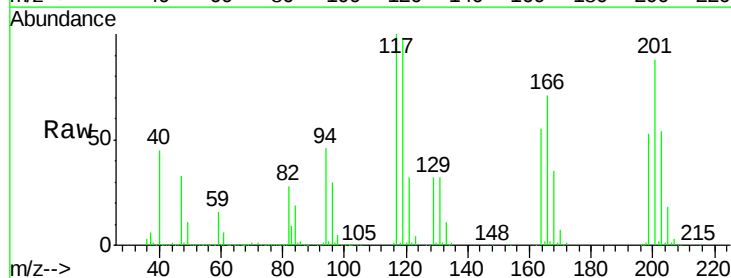
Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

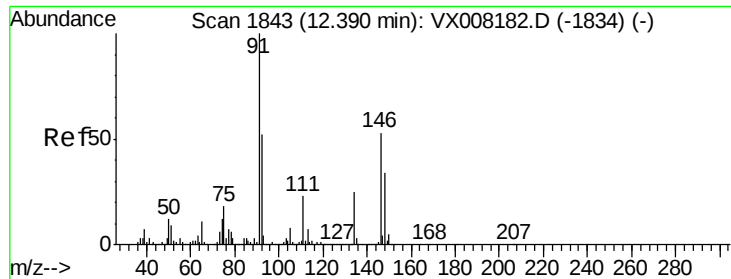
Tot Ion: 91 Resp: 305992
Ion Ratio Lower Upper
91 100
92 51.9 27.0 80.8
134 24.6 13.7 41.0



#90
Hexachloroethane
Concen: 20.430 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion: 117 Resp: 56000
Ion Ratio Lower Upper
117 100
201 81.3 48.9 146.7

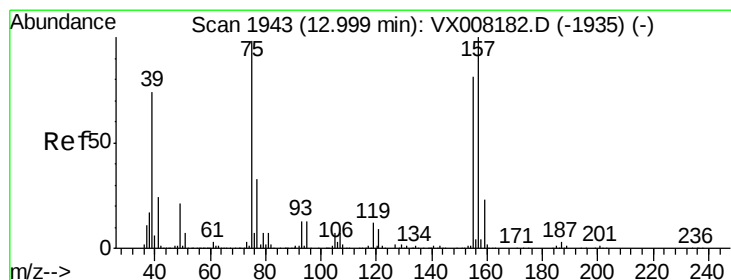
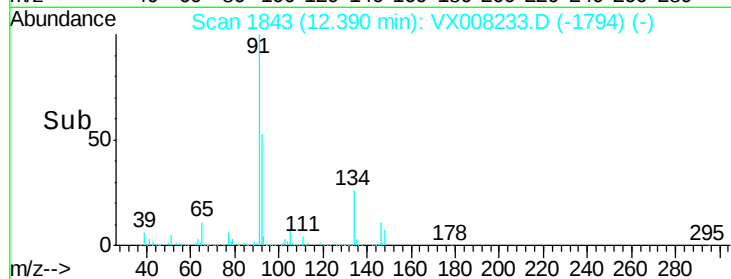
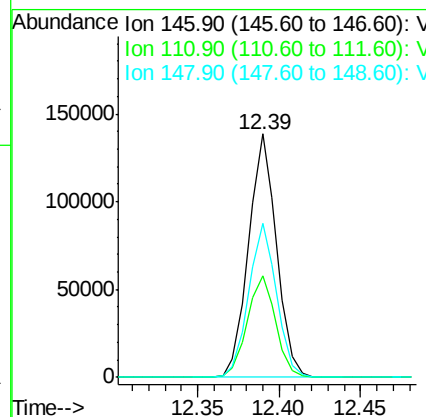
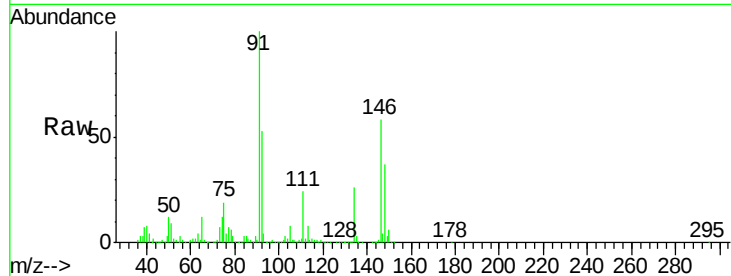




#91
 1,2-Dichlorobenzene
 Concen: 19.960 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

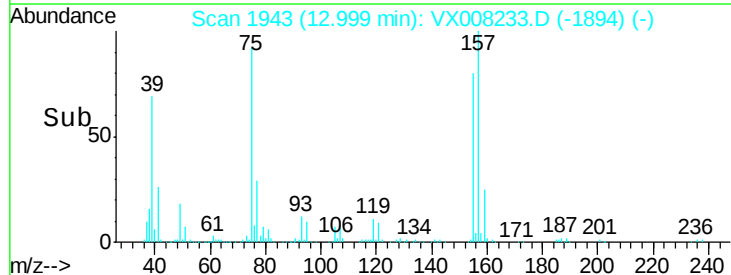
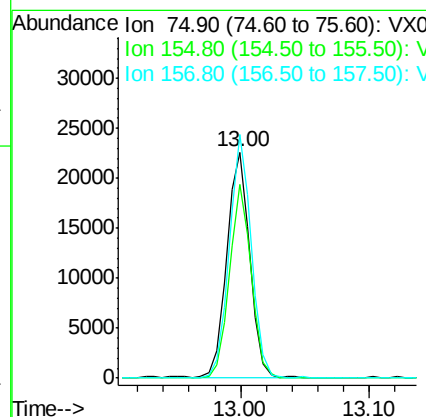
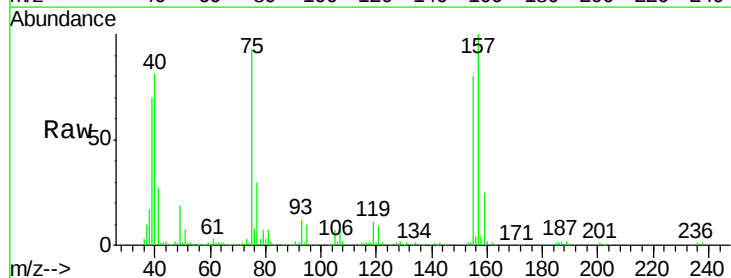
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

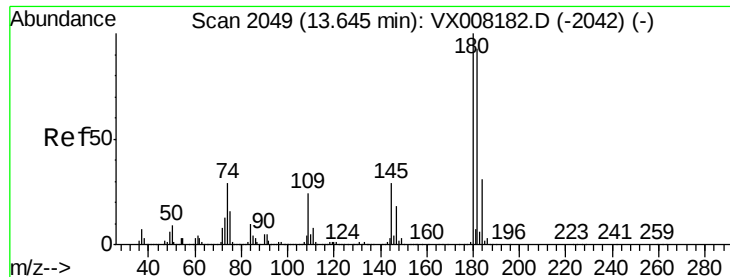
Tot Ion:146 Resp: 165534
 Ion Ratio Lower Upper
 146 100
 111 42.3 19.6 58.8
 148 63.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.864 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion: 75 Resp: 28599
 Ion Ratio Lower Upper
 75 100
 155 80.9 49.7 149.1
 157 102.4 63.8 191.4

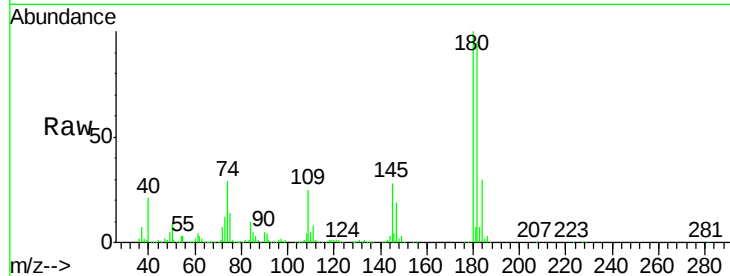




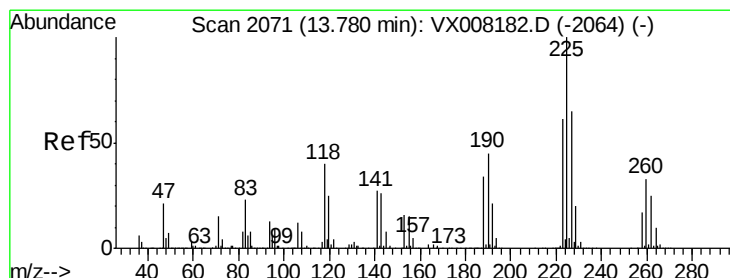
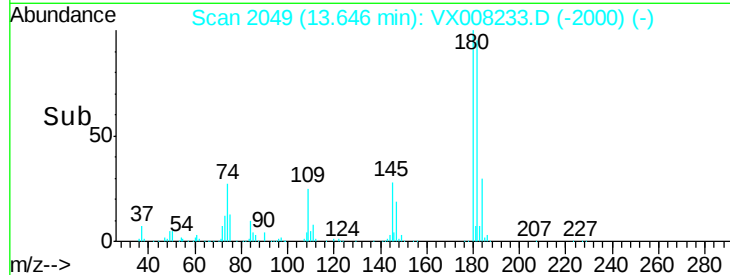
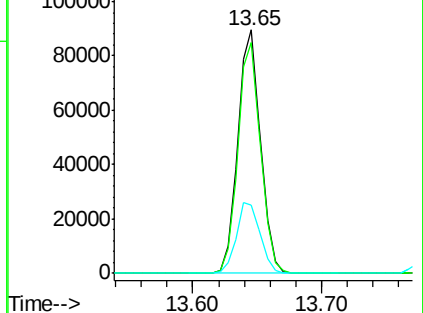
#93
 1,2,4-Trichlorobenzene
 Concen: 20.047 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0320WBS01

Tot Ion:180 Resp: 109512
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 30.2 14.1 42.4

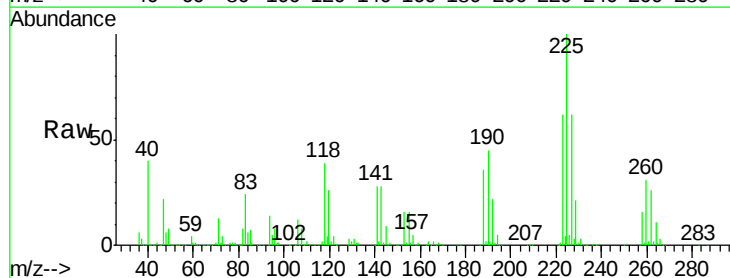


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

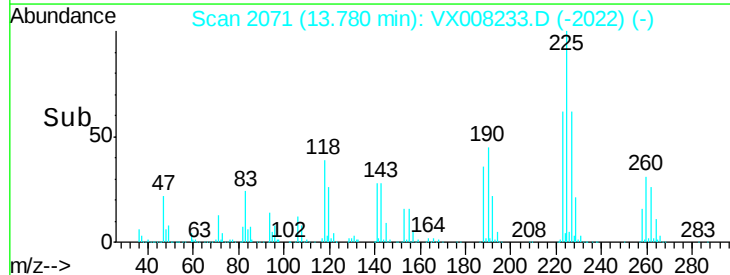
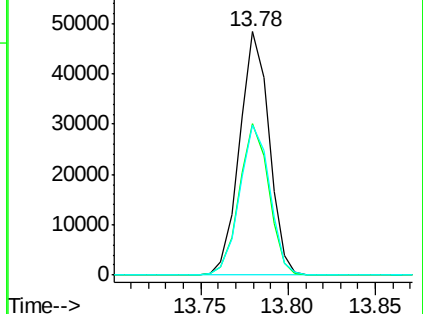


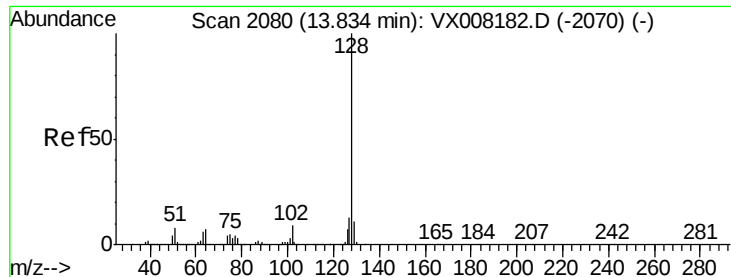
#94
 Hexachlorobutadiene
 Concen: 21.334 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008233.D
 Acq: 20 Mar 2019 11:31

Tgt Ion:225 Resp: 56840
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.2
 227 63.0 32.0 96.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

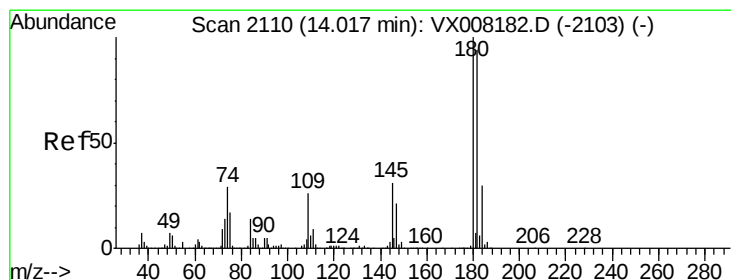
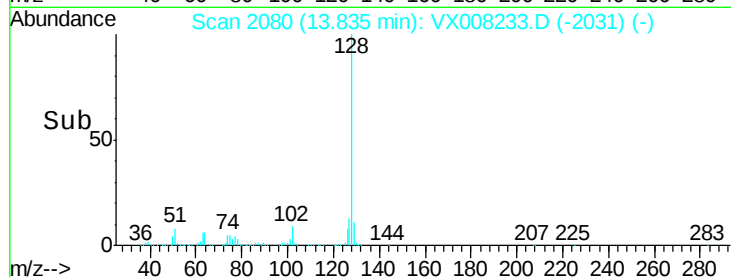
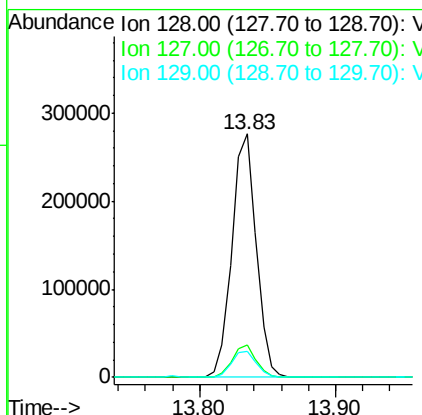
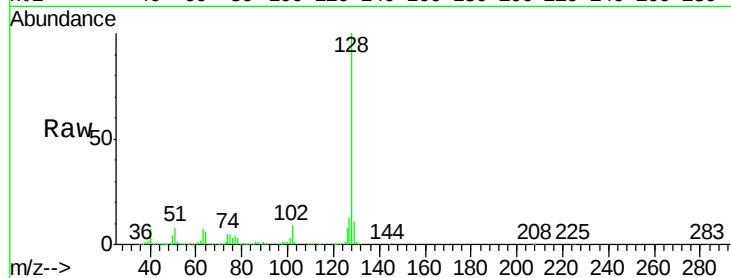




#95
Naphthalene
Concen: 19.885 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Instrument :
MSVOA_X
ClientSampleId :
VX0320WBS01

Tot Ion:128 Resp: 342850
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.116 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008233.D
Acq: 20 Mar 2019 11:31

Tgt Ion:180 Resp: 108130
Ion Ratio Lower Upper
180 100
182 95.7 47.5 142.5
145 32.5 14.8 44.3

