

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX032319\
 Data File : VX008350.D
 Acq On : 23 Mar 2019 14:42
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 23 15:02:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	348617	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	153772	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	291396	96.06	ug/l	0.00
Spiked Amount			Recovery	=	192.12%	
35) Dibromofluoromethane	5.50	113	218879	93.79	ug/l	0.00
Spiked Amount			Recovery	=	187.58%	
50) Toluene-d8	8.71	98	869802	98.30	ug/l	0.00
Spiked Amount			Recovery	=	196.60%	
62) 4-Bromofluorobenzene	11.13	95	329149	108.04	ug/l	0.00
Spiked Amount			Recovery	=	216.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	220803	90.419	ug/l	99
3) Chloromethane	1.32	50	315765	103.050	ug/l	99
4) Vinyl Chloride	1.41	62	312774	102.377	ug/l	100
5) Bromomethane	1.64	94	193404	74.316	ug/l	100
6) Chloroethane	1.70	64	180189	94.066	ug/l	100
7) Trichlorofluoromethane	1.92	101	351835	90.239	ug/l	99
8) Diethyl Ether	2.19	74	166558	83.030	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209663	80.993	ug/l	89
10) Methyl Iodide	2.51	142	291123	88.324	ug/l	98
11) Tert butyl alcohol	3.07	59	343258	528.575	ug/l	100
12) 1,1-Dichloroethene	2.37	96	218309	89.328	ug/l	91
13) Acrolein	2.29	56	275149	555.882	ug/l	99
14) Allyl chloride	2.72	41	498086	93.624	ug/l	96
15) Acrylonitrile	3.15	53	839571	488.781	ug/l	99
16) Acetone	2.45	43	735885	427.713	ug/l	97
17) Carbon Disulfide	2.56	76	668653	84.845	ug/l	100
18) Methyl Acetate	2.78	43	358395	89.978	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	801199	90.669	ug/l	98
20) Methylene Chloride	2.85	84	255128	88.926	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	231365	87.632	ug/l	93
22) Diisopropyl ether	3.86	45	957840	91.928	ug/l	94
23) Vinyl Acetate	3.82	43	4340958	485.942	ug/l	98
24) 1,1-Dichloroethane	3.70	63	480107	89.590	ug/l	99
25) 2-Butanone	4.68	43	1238815	487.778	ug/l	97
26) 2,2-Dichloropropane	4.58	77	330131	81.776	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	270885	90.002	ug/l	90
28) Bromochloromethane	5.01	49	240081	99.770	ug/l	# 79
29) Tetrahydrofuran	5.13	42	813839	512.605	ug/l	95
30) Chloroform	5.21	83	435490	86.875	ug/l	99
31) Cyclohexane	5.58	56	458778	91.168	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	356315	85.448	ug/l	96
36) 1,1-Dichloropropene	5.80	75	345121	85.030	ug/l	96
37) Ethyl Acetate	4.84	43	470834	98.132	ug/l	98
38) Carbon Tetrachloride	5.78	117	298328	82.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	424934	86.999	ug/l	92
40) Benzene	6.14	78	1042663	86.793	ug/l	100
41) Methacrylonitrile	5.04	41	262754	97.631	ug/l	96
42) 1,2-Dichloroethane	6.19	62	367227	83.445	ug/l	96
43) Isopropyl Acetate	6.45	43	756630	98.384	ug/l	97
44) Trichloroethene	7.21	130	239009	81.368	ug/l	90
45) 1,2-Dichloropropane	7.51	63	295684	87.923	ug/l	99
46) Dibromomethane	7.66	93	171846	84.397	ug/l #	85
47) Bromodichloromethane	7.90	83	348418	89.787	ug/l	99
48) Methyl methacrylate	7.77	41	382999	93.661	ug/l	94
49) 1,4-Dioxane	7.74	88	146130	2025.069	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	2464737	495.734	ug/l	98
52) Toluene	8.79	92	621115	87.149	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	405999	93.489	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	445823	92.573	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	254532	88.393	ug/l	97
56) Ethyl methacrylate	9.18	69	484671	105.222	ug/l	92
57) 1,3-Dichloropropane	9.37	76	453665	89.060	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1293320	548.179	ug/l	92
59) 2-Hexanone	9.49	43	1913427	499.883	ug/l	97
60) Dibromochloromethane	9.59	129	257626	93.094	ug/l	99
61) 1,2-Dibromoethane	9.67	107	265064	88.157	ug/l	99
64) Tetrachloroethene	9.34	164	193120	68.428	ug/l	95
65) Chlorobenzene	10.14	112	637183	82.780	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	229582	85.546	ug/l	98
67) Ethyl Benzene	10.25	91	1213704	89.479	ug/l	97
68) m/p-Xylenes	10.36	106	888538	178.326	ug/l	94
69) o-Xylene	10.70	106	429956	88.803	ug/l	94
70) Styrene	10.71	104	760158	96.608	ug/l	96
71) Bromoform	10.85	173	194716	95.382	ug/l #	100
73) Isopropylbenzene	11.02	105	1124940	82.073	ug/l	98
74) N-amyl acetate	10.90	43	713776	99.394	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	443793	90.296	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	523199	120.971	ug/l	88
77) Bromobenzene	11.26	156	272379	82.190	ug/l	81
78) n-propylbenzene	11.36	91	1350963	84.862	ug/l	95
79) 2-Chlorotoluene	11.42	91	800464	83.774	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	986500	87.118	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	157951	104.460	ug/l	96
82) 4-Chlorotoluene	11.51	91	949770	85.420	ug/l	94
83) tert-Butylbenzene	11.77	119	953656	88.210	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	992407	86.448	ug/l	97
85) sec-Butylbenzene	11.94	105	1123097	83.886	ug/l	96
86) p-Isopropyltoluene	12.06	119	1023452	88.313	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	490862	82.880	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	495144	80.825	ug/l	97
89) n-Butylbenzene	12.38	91	1003037	92.216	ug/l	97
90) Hexachloroethane	12.60	117	174492	88.408	ug/l	79
91) 1,2-Dichlorobenzene	12.39	146	494043	82.731	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	101201	92.706	ug/l	77

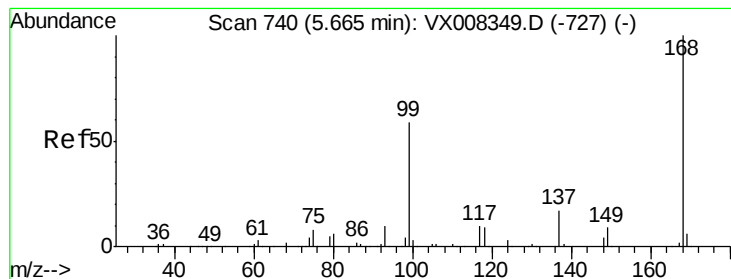
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX032319\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	338184	85.976	ug/l	99
94) Hexachlorobutadiene	13.78	225	159968	83.387	ug/l	99
95) Naphthalene	13.83	128	1170577	94.289	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	336088	86.835	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

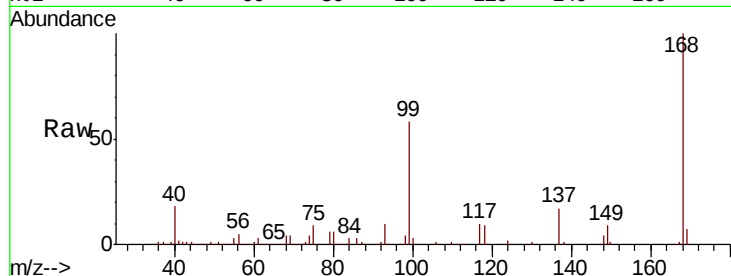
VSTDIC100

Tgt Ion:168 Resp: 201418

Ion Ratio Lower Upper

168 100

99 58.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): VX008349.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX008349.D (-727) (-)

5.67

80000

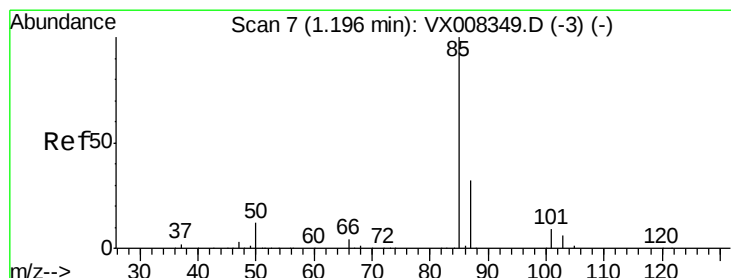
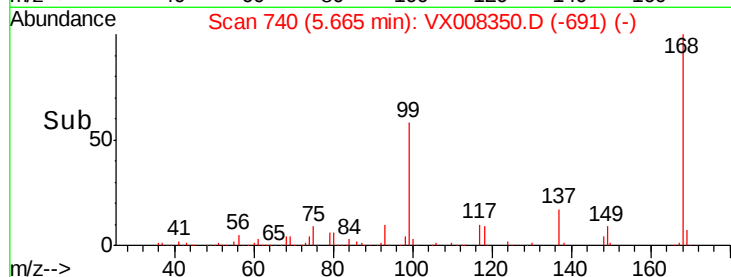
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 90.419 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008350.D

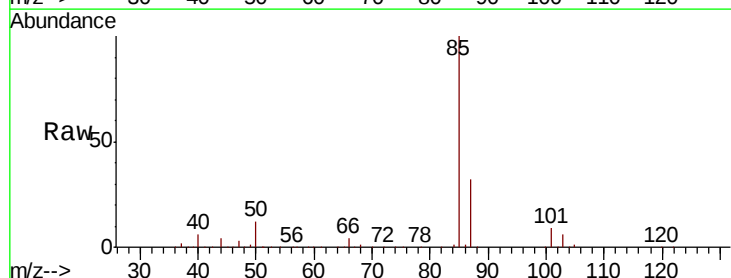
Acq: 23 Mar 2019 14:42

Tgt Ion: 85 Resp: 220803

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX008349.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX008349.D (-3) (-)

1.20

200000

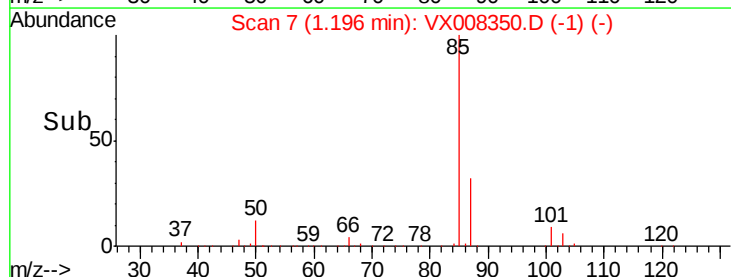
150000

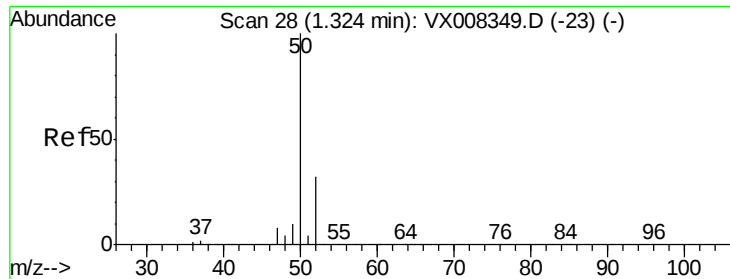
100000

50000

0

Time-->





#3

Chloromethane

Concen: 103.050 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

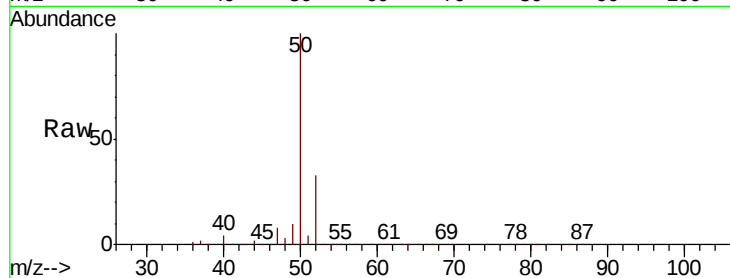
VSTDIC100

Tgt Ion: 50 Resp: 315765

Ion Ratio Lower Upper

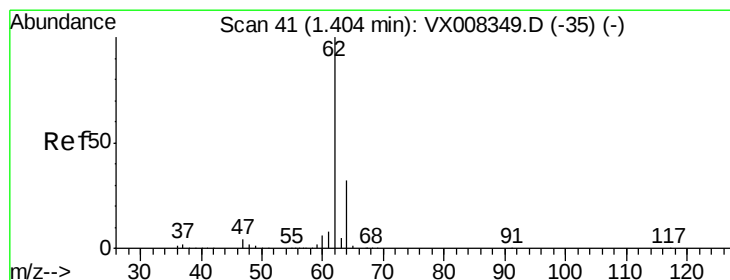
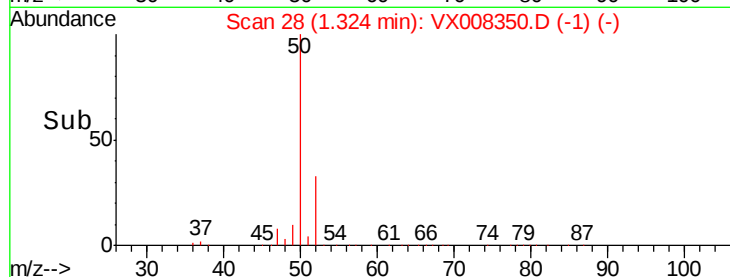
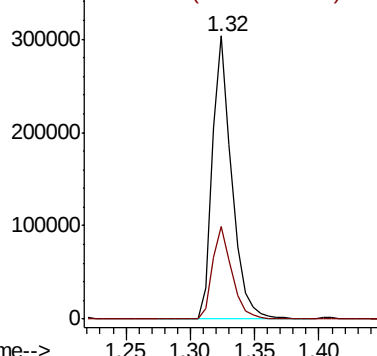
50 100

52 32.7 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 102.377 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008350.D

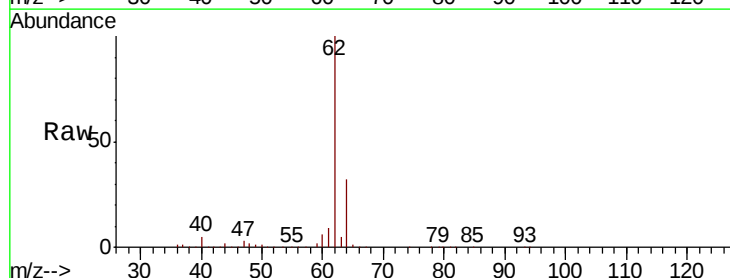
Acq: 23 Mar 2019 14:42

Tgt Ion: 62 Resp: 312774

Ion Ratio Lower Upper

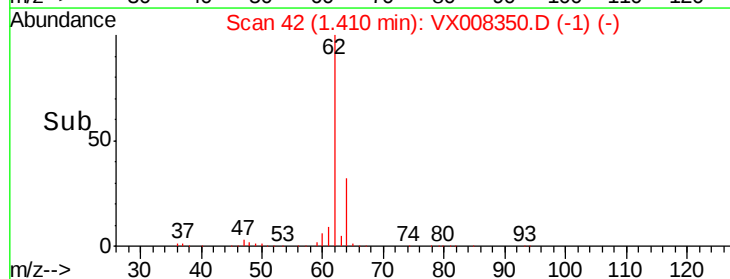
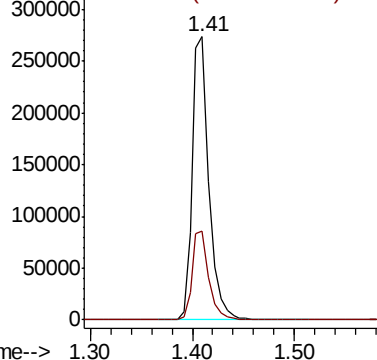
62 100

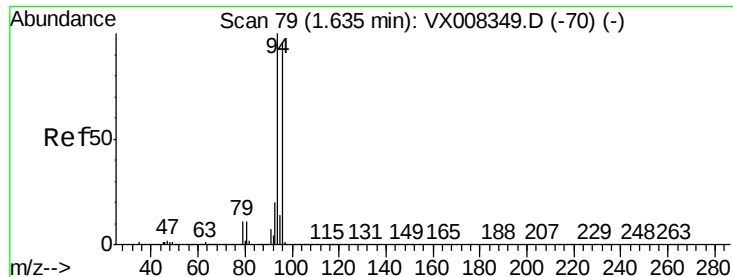
64 31.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 74.316 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

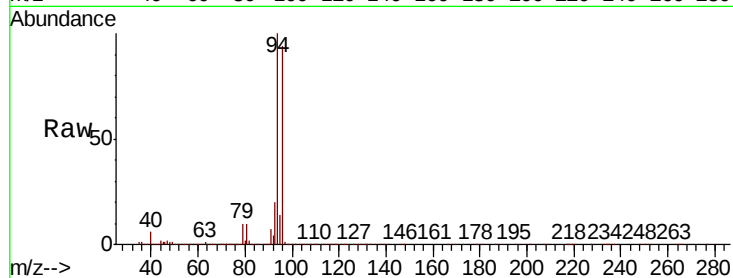
VSTDICC100

Tgt Ion: 94 Resp: 193404

Ion Ratio Lower Upper

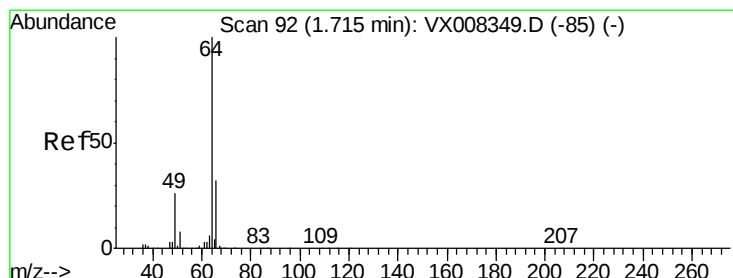
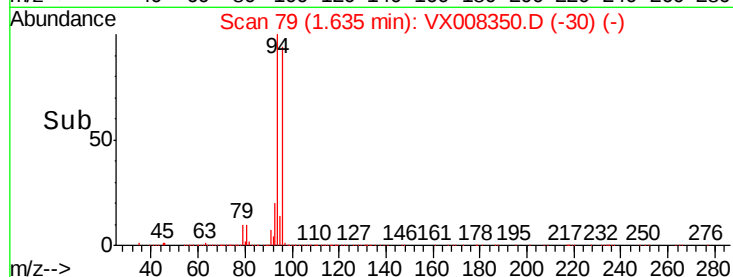
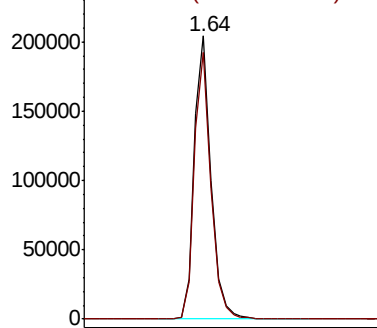
94 100

96 94.2 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: 94.066 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.01 min

Lab File: VX008350.D

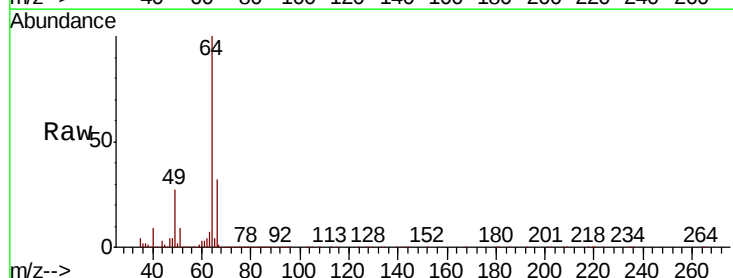
Acq: 23 Mar 2019 14:42

Tgt Ion: 64 Resp: 180189

Ion Ratio Lower Upper

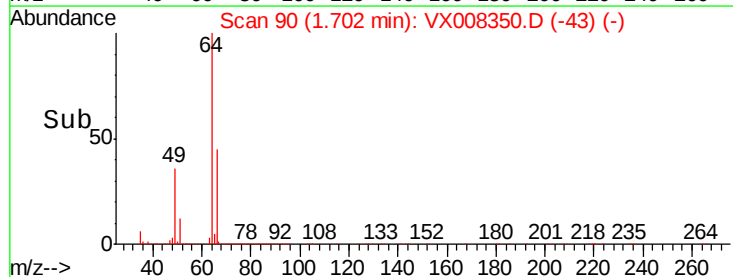
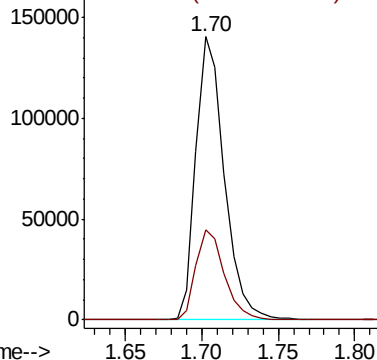
64 100

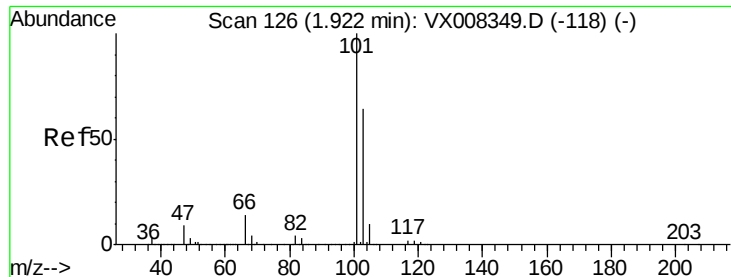
66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



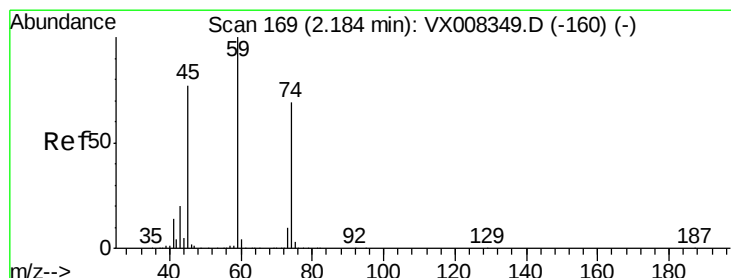
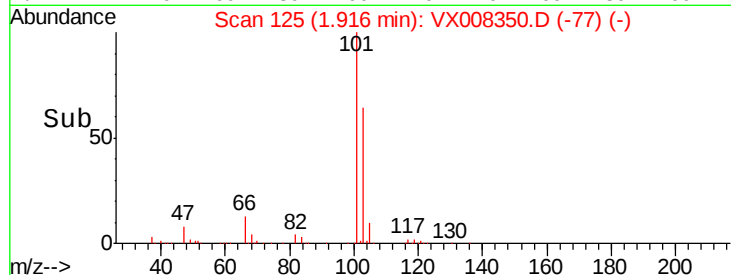
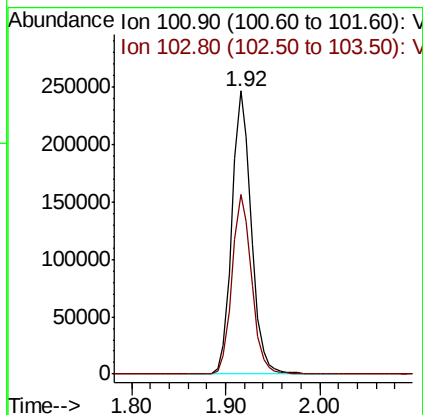
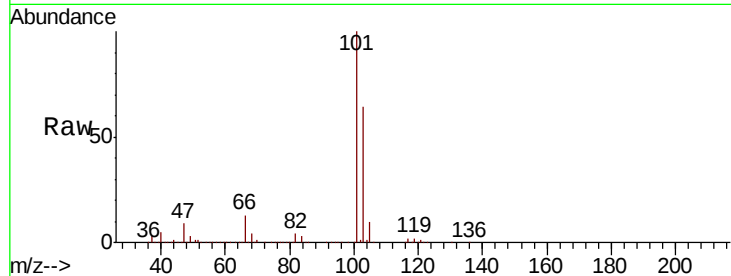


#7

Trichlorofluoromethane
Concen: 90.239 ug/l
RT: 1.92 min Scan# 125
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

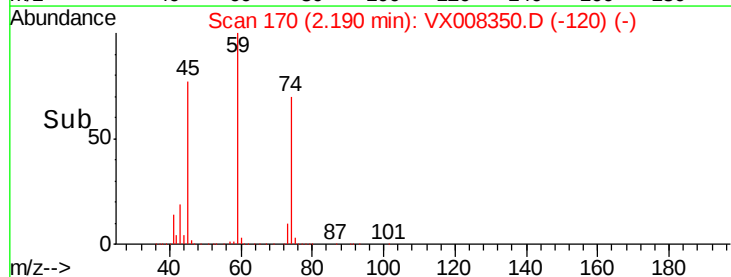
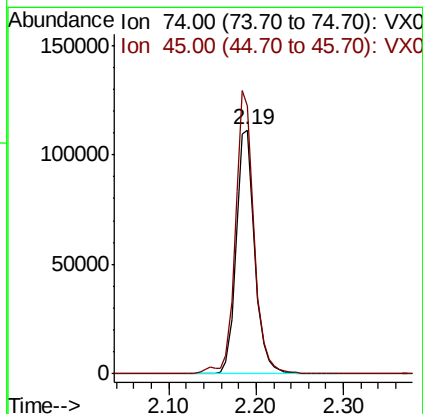
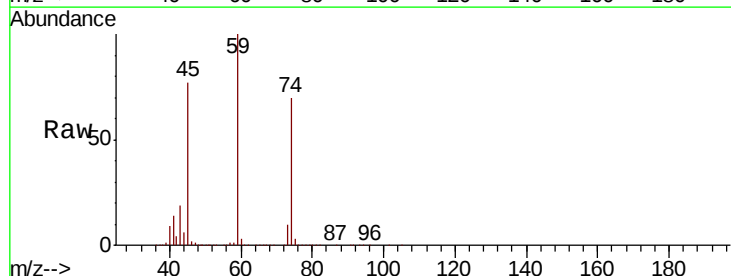
Tgt Ion:101 Resp: 351835
Ion Ratio Lower Upper
101 100
103 63.7 50.4 75.6

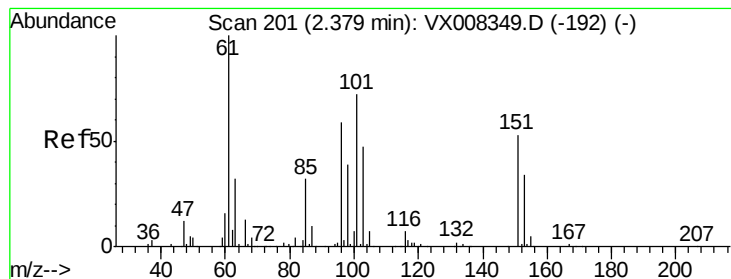


#8

Diethyl Ether
Concen: 83.030 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 74 Resp: 166558
Ion Ratio Lower Upper
74 100
45 116.3 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 80.993 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

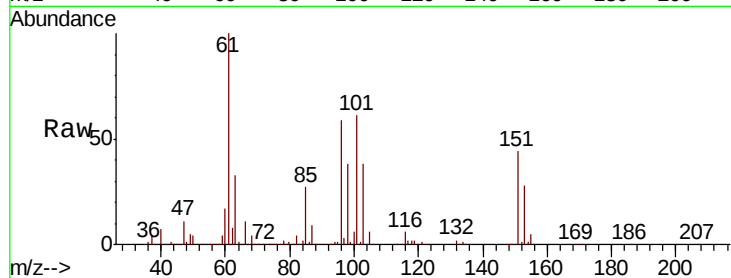
Tgt Ion:101 Resp: 209663

Ion Ratio Lower Upper

101 100

85 44.6 33.8 50.6

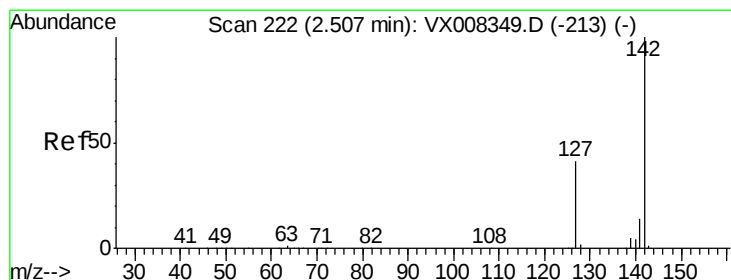
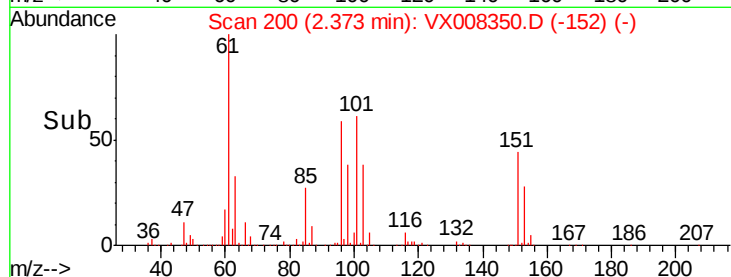
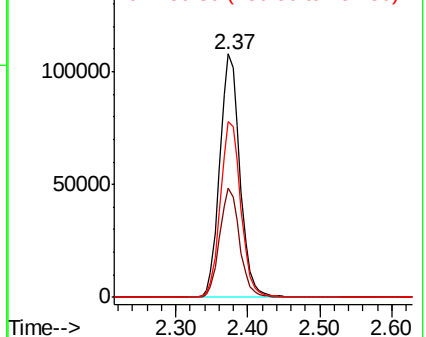
151 73.7 69.1 103.7



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: 88.324 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

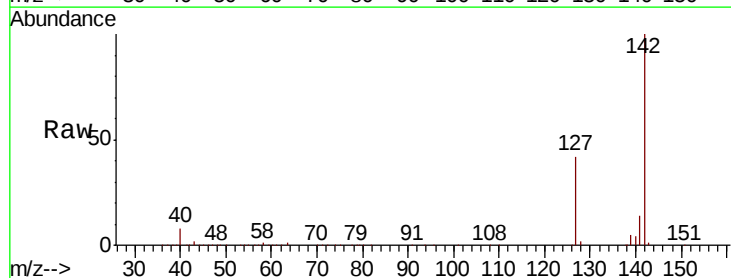
Tgt Ion:142 Resp: 291123

Ion Ratio Lower Upper

142 100

127 41.9 32.1 48.1

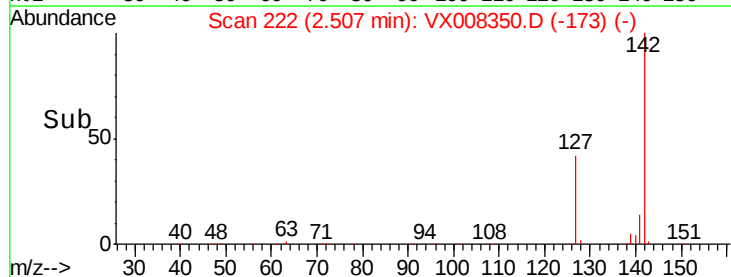
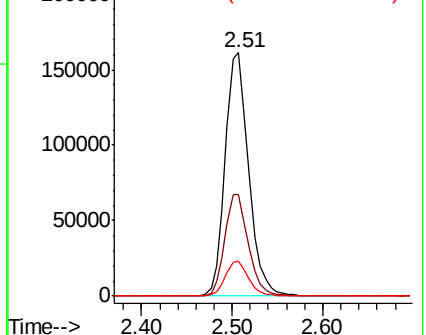
141 14.3 11.4 17.2

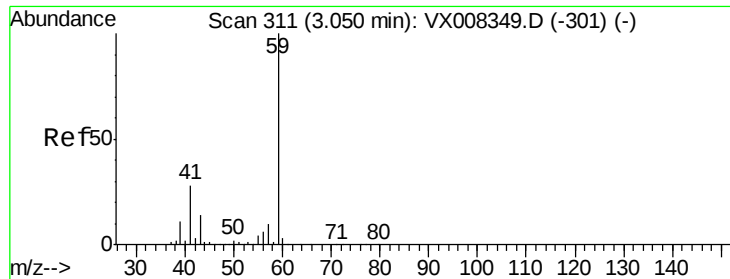


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

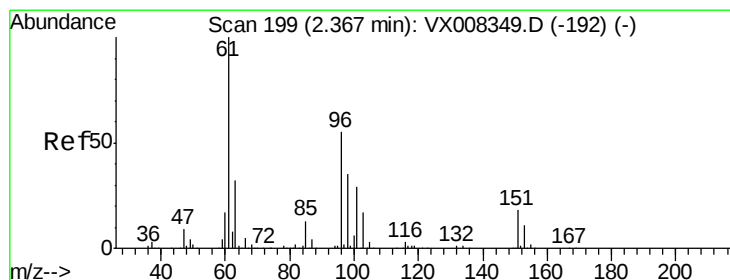
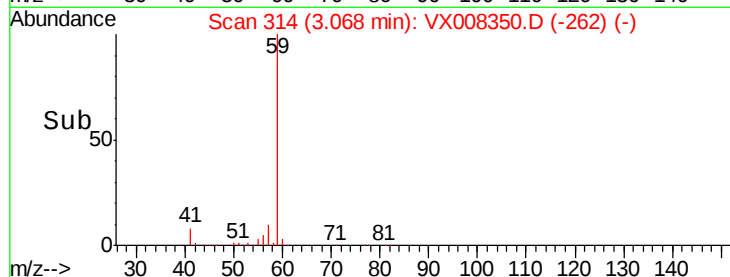
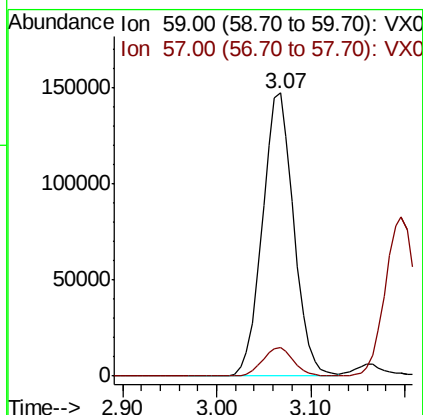
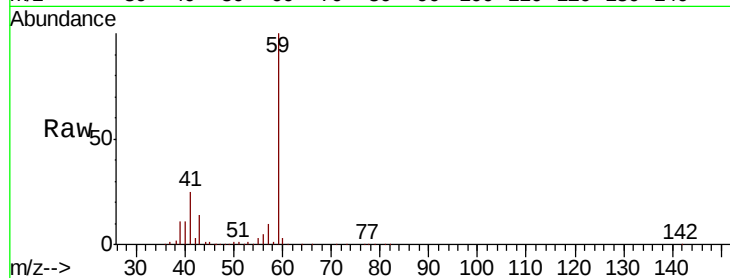




#11
Tert butyl alcohol
Concen: 528.575 ug/l
RT: 3.07 min Scan# 314
Delta R.T. 0.02 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

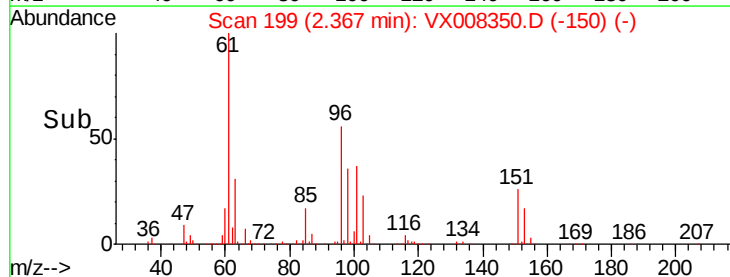
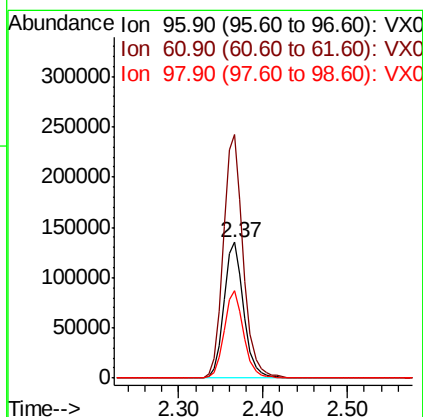
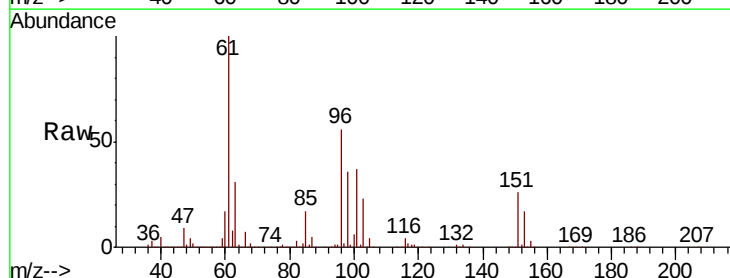
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

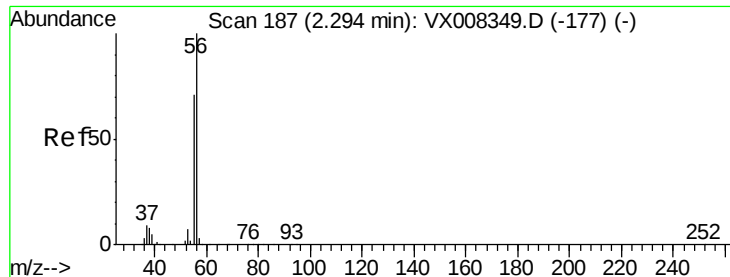
Tgt Ion: 59 Resp: 343258
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 89.328 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 96 Resp: 218309
Ion Ratio Lower Upper
96 100
61 179.0 129.8 194.6
98 64.0 51.0 76.6





#13

Acrolein

Concen: 555.882 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

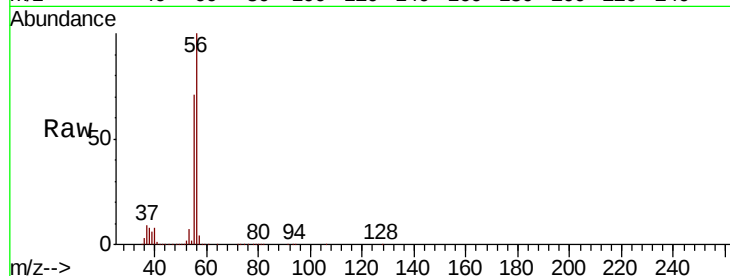
VSTDIC100

Tgt Ion: 56 Resp: 275149

Ion Ratio Lower Upper

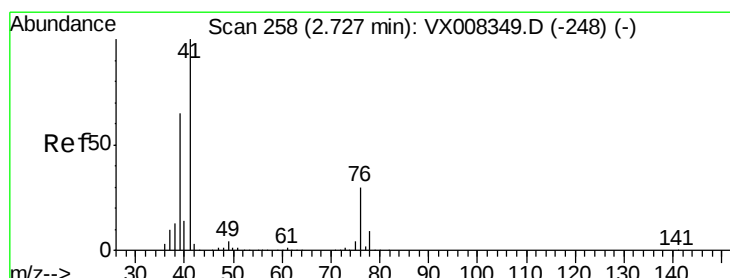
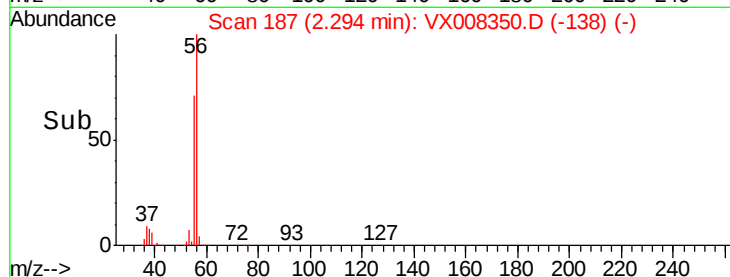
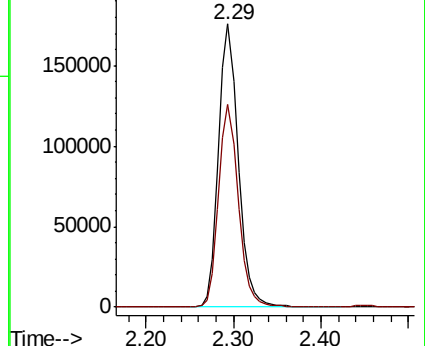
56 100

55 71.6 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: 93.624 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

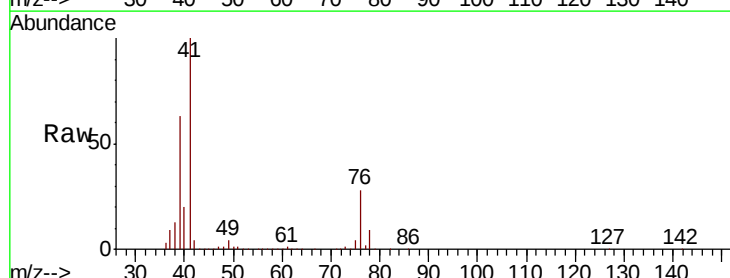
Tgt Ion: 41 Resp: 498086

Ion Ratio Lower Upper

41 100

39 61.0 46.1 69.1

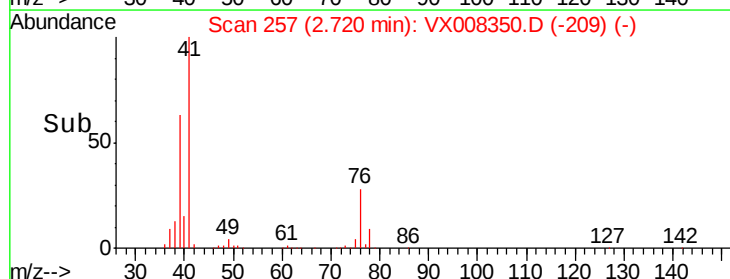
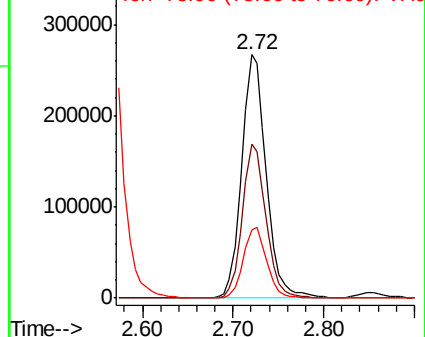
76 28.0 24.0 36.0

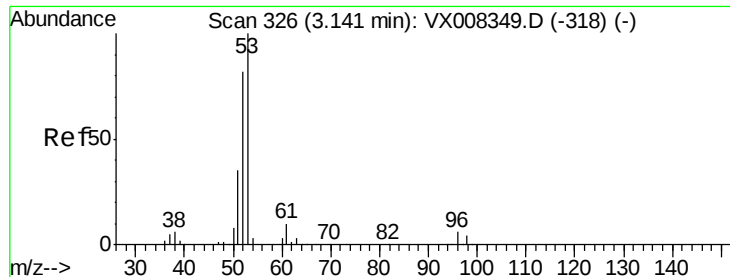


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 488.781 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

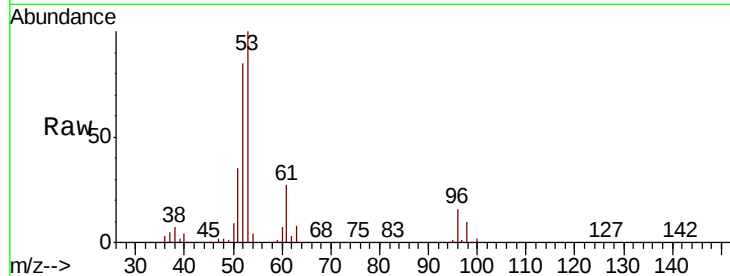
Tgt Ion: 53 Resp: 839571

Ion Ratio Lower Upper

53 100

52 83.7 66.0 99.0

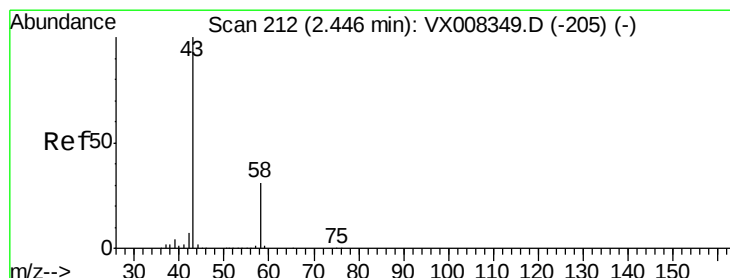
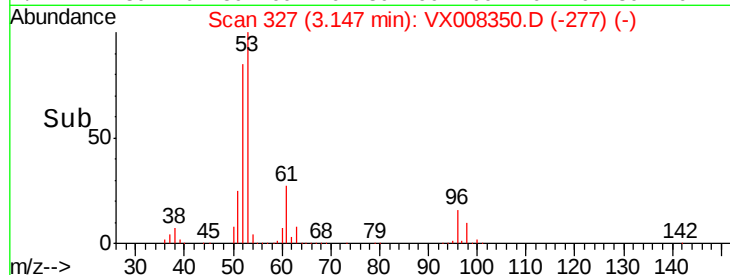
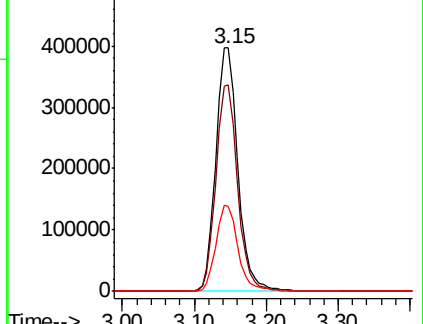
51 35.7 28.0 42.0



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 427.713 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008350.D

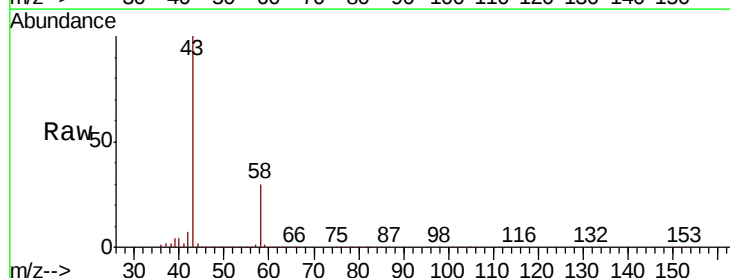
Acq: 23 Mar 2019 14:42

Tgt Ion: 43 Resp: 735885

Ion Ratio Lower Upper

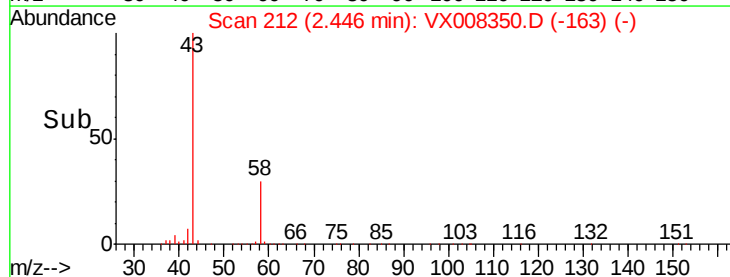
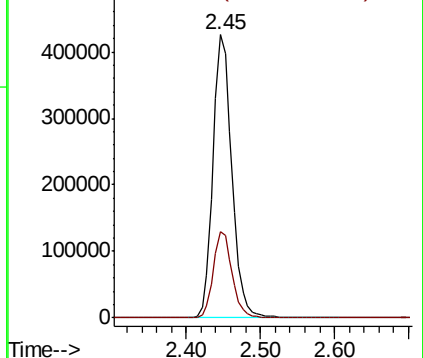
43 100

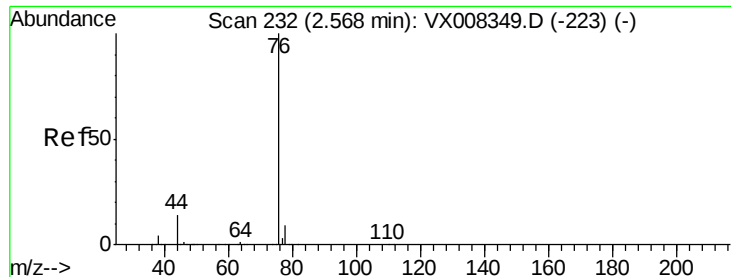
58 30.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

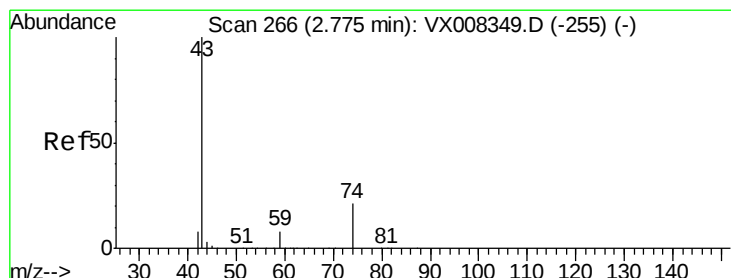
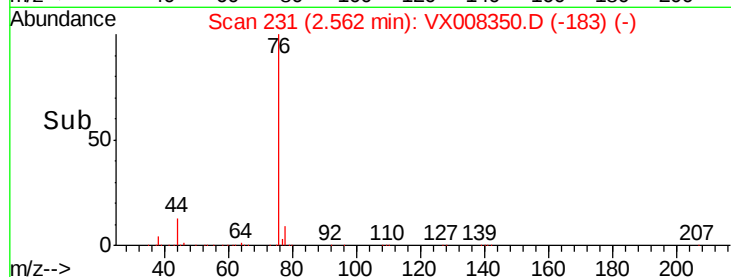
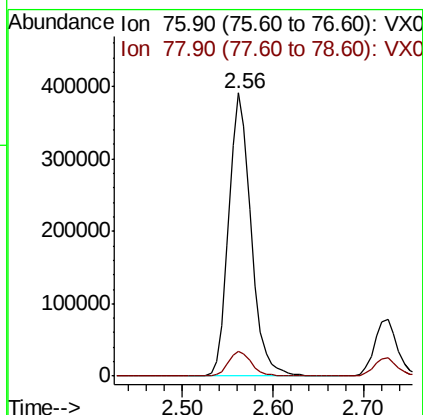
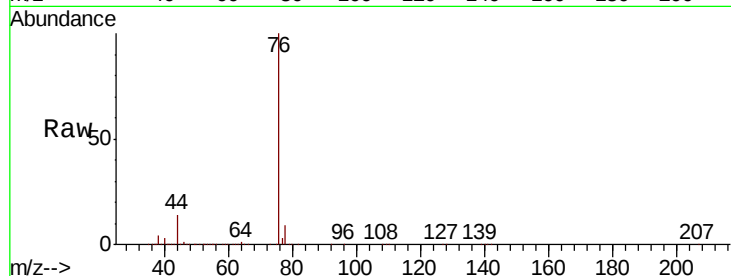




#17
Carbon Disulfide
Concen: 84.845 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

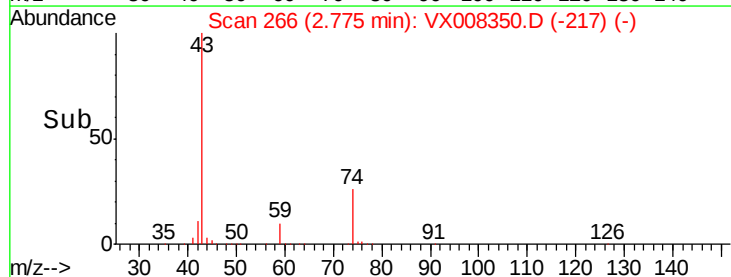
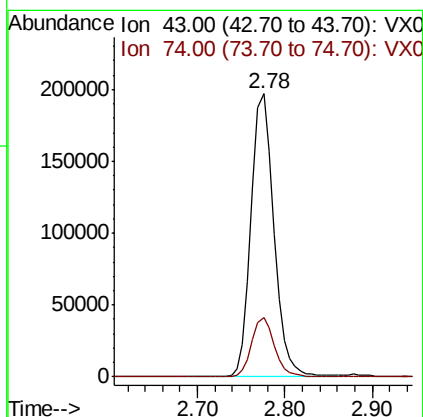
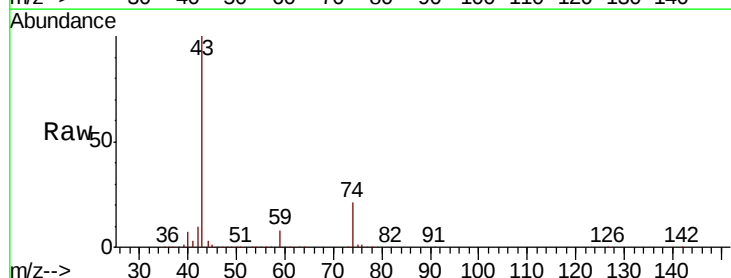
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

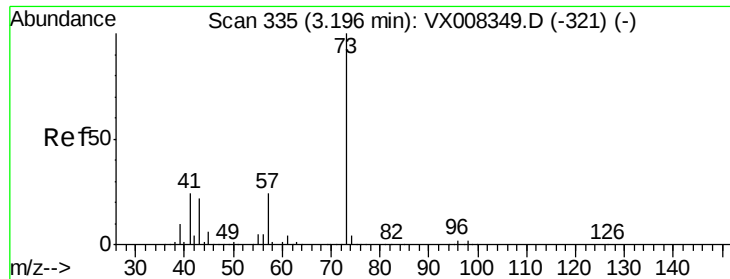
Tgt Ion: 76 Resp: 668653
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 89.978 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 43 Resp: 358395
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.6

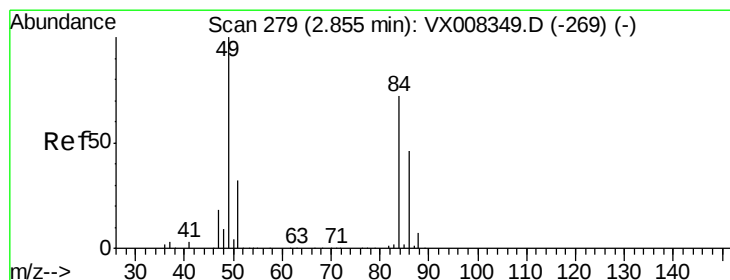
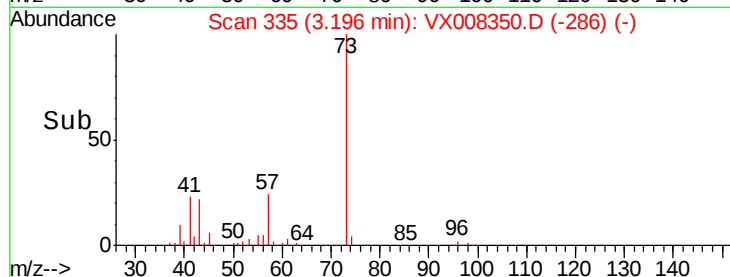
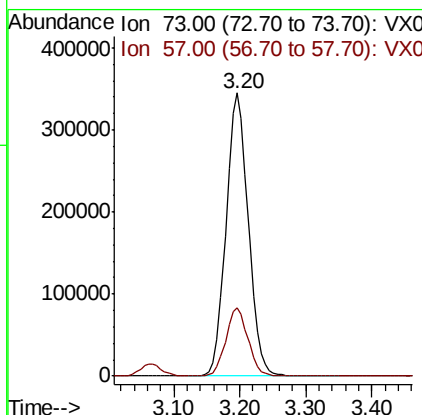
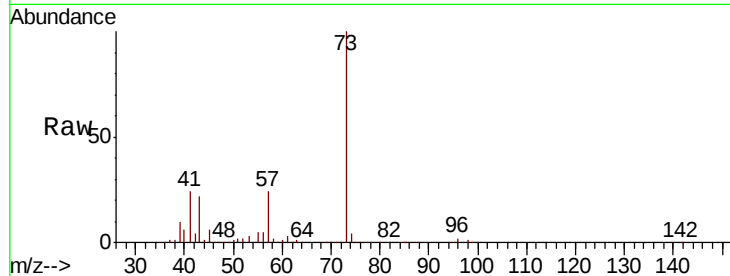




#19
Methyl tert-butyl Ether
Concen: 90.669 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

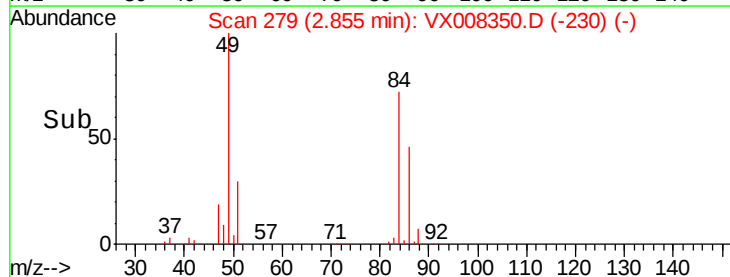
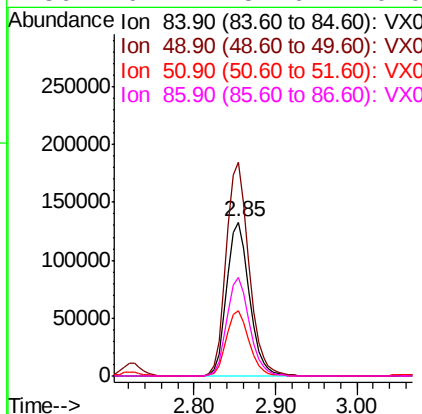
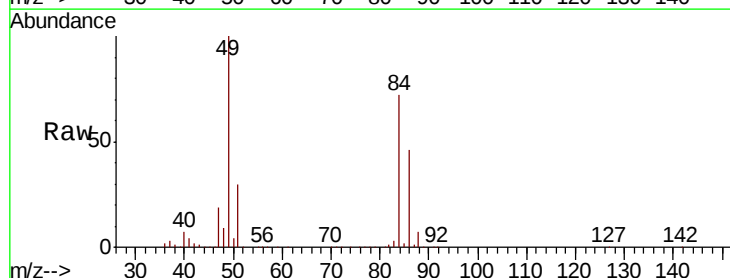
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

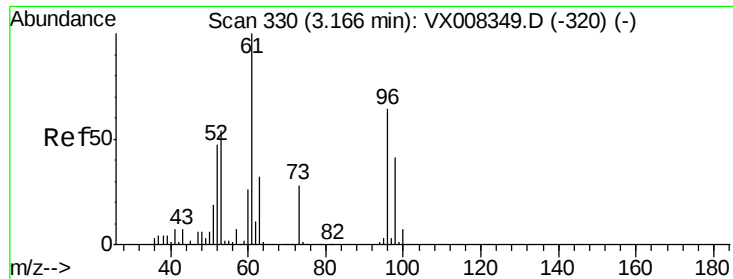
Tgt Ion: 73 Resp: 801199
Ion Ratio Lower Upper
73 100
57 23.9 18.2 27.4



#20
Methylene Chloride
Concen: 88.926 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 84 Resp: 255128
Ion Ratio Lower Upper
84 100
49 138.5 99.3 148.9
51 42.1 31.3 46.9
86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 87.632 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

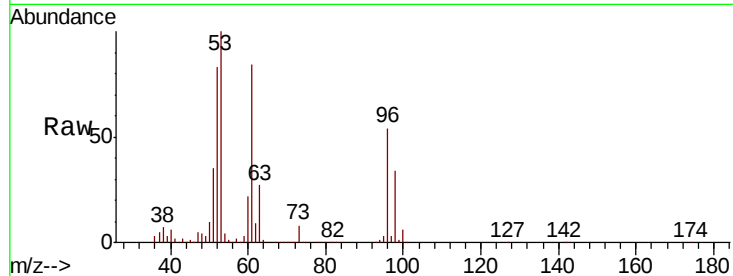
Tgt Ion: 96 Resp: 231365

Ion Ratio Lower Upper

96 100

61 155.6 114.4 171.6

98 63.7 51.1 76.7

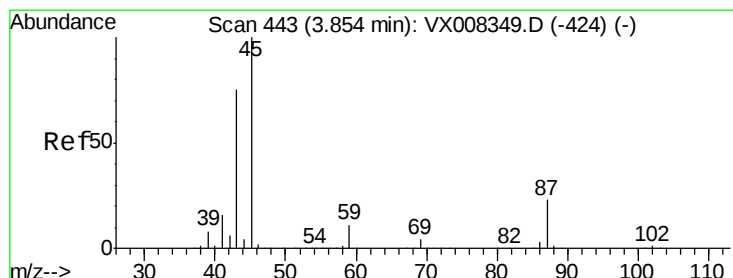
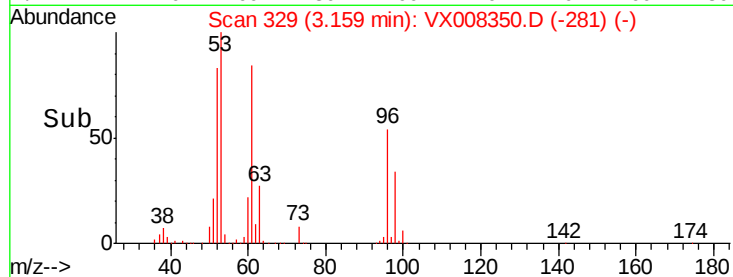
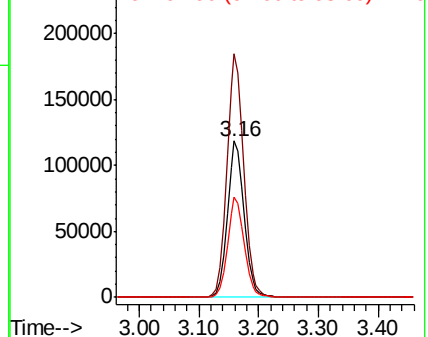


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 91.928 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Tgt Ion: 45 Resp: 957840

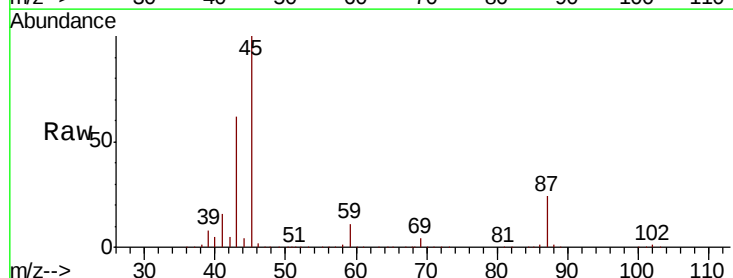
Ion Ratio Lower Upper

45 100

43 61.5 45.3 67.9

87 23.6 21.4 32.0

59 10.7 9.5 14.3



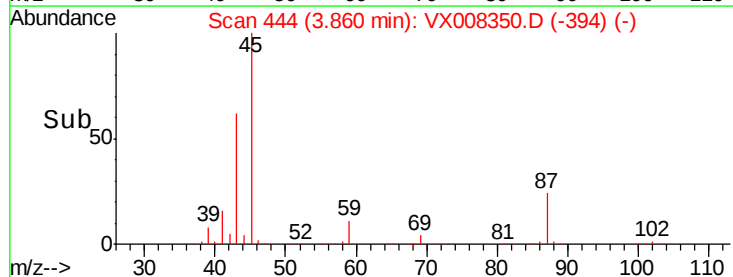
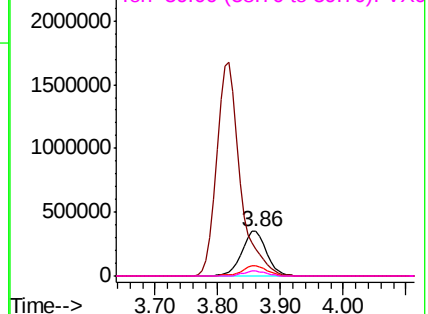
Abundance

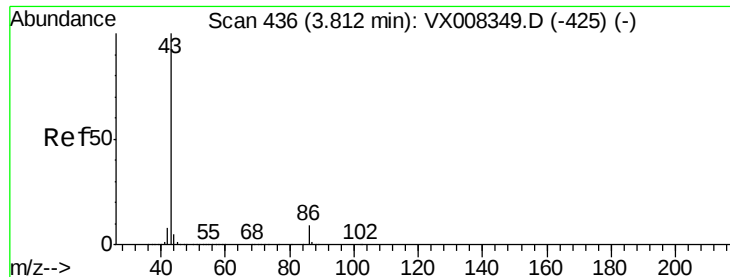
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 485.942 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

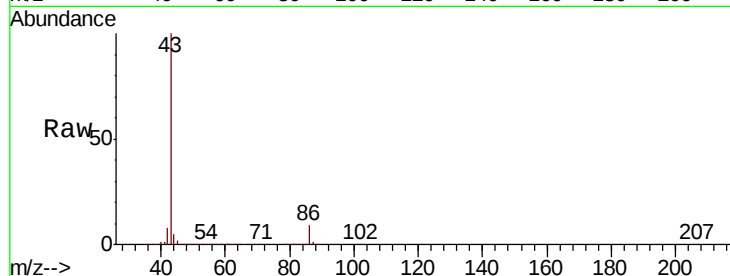
VSTDIC100

Tgt Ion: 43 Resp: 4340958

Ion Ratio Lower Upper

43 100

86 9.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

2000000

1500000

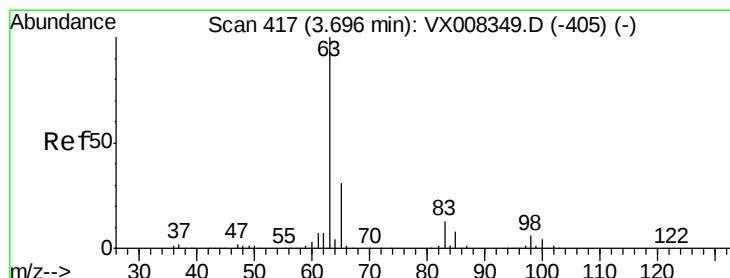
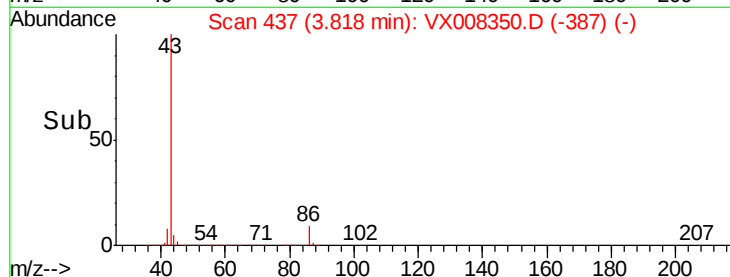
1000000

500000

0

3.82

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 89.590 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

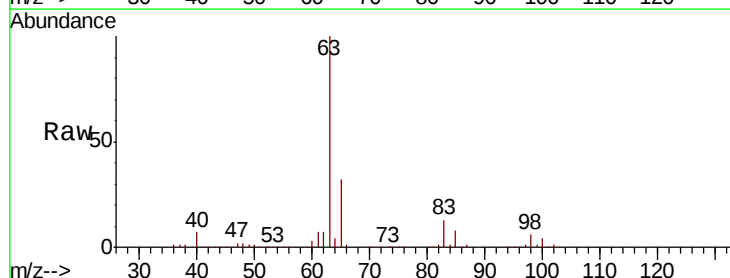
Tgt Ion: 63 Resp: 480107

Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 3.9 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

250000

200000

150000

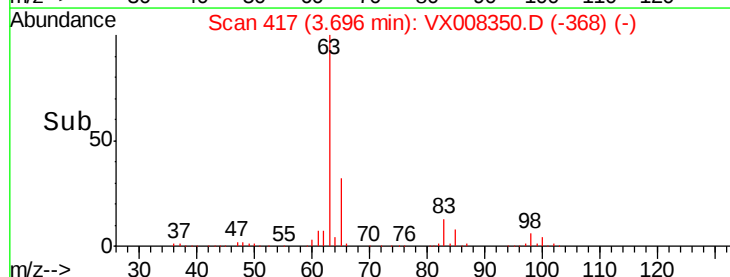
100000

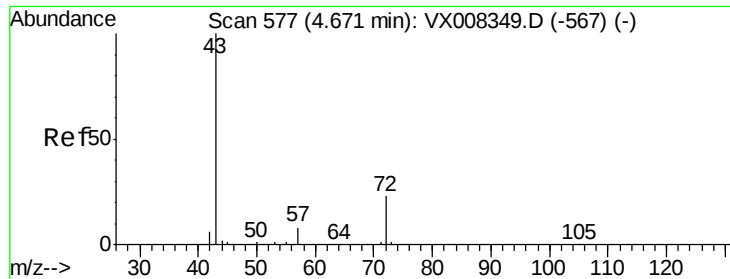
50000

0

3.70

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 487.778 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

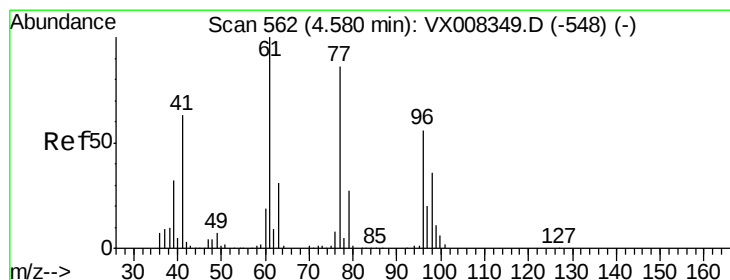
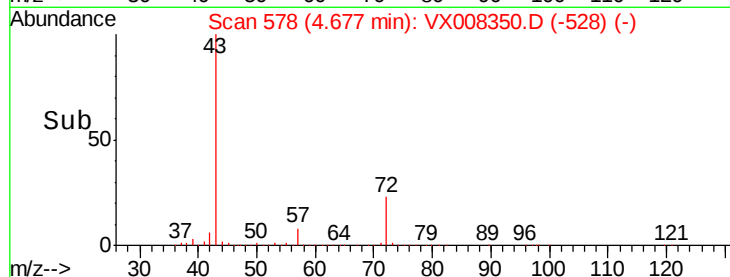
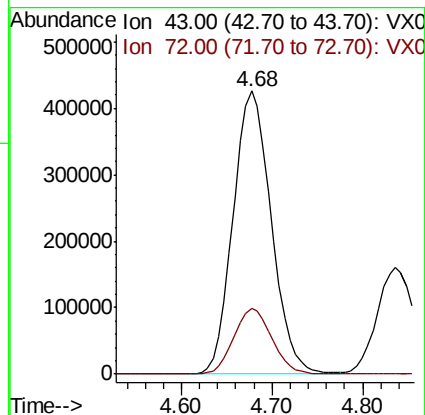
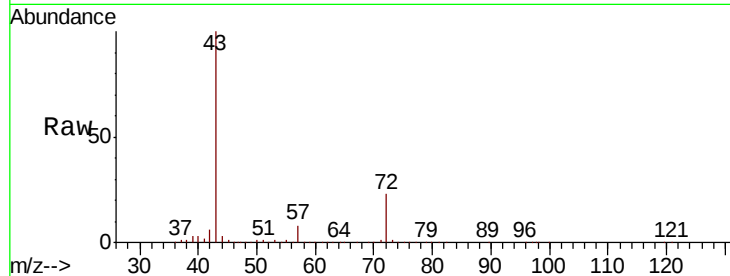
VSTDIC100

Tgt Ion: 43 Resp: 1238815

Ion Ratio Lower Upper

43 100

72 23.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 81.776 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX008350.D

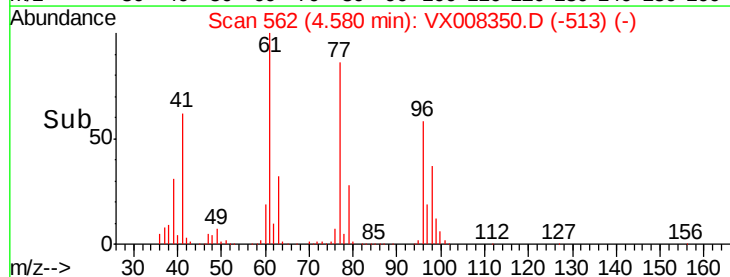
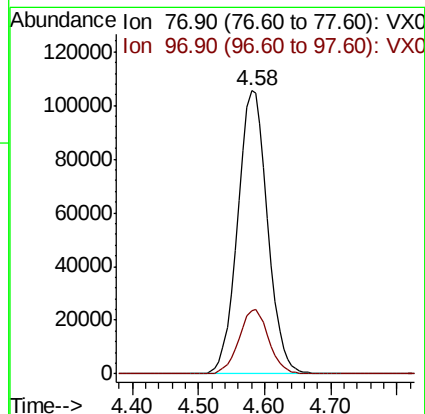
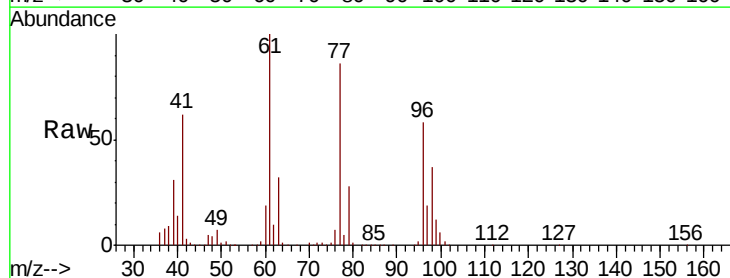
Acq: 23 Mar 2019 14:42

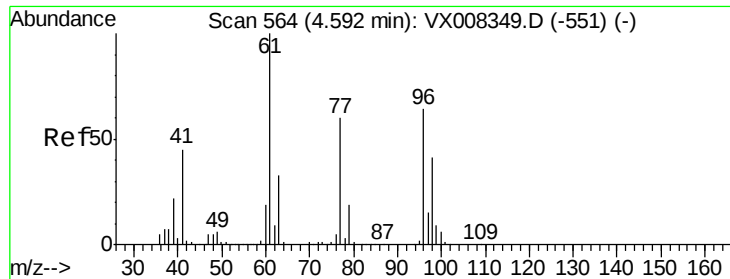
Tgt Ion: 77 Resp: 330131

Ion Ratio Lower Upper

77 100

97 22.7 12.2 36.6



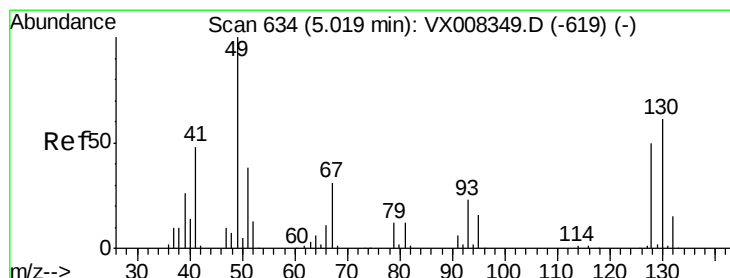
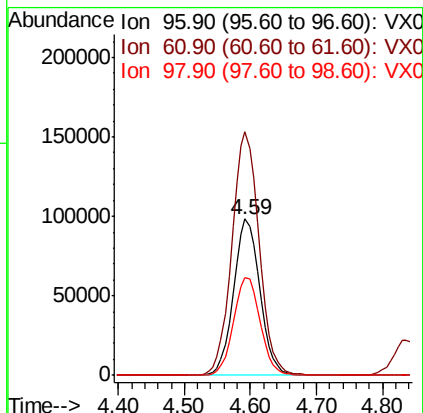
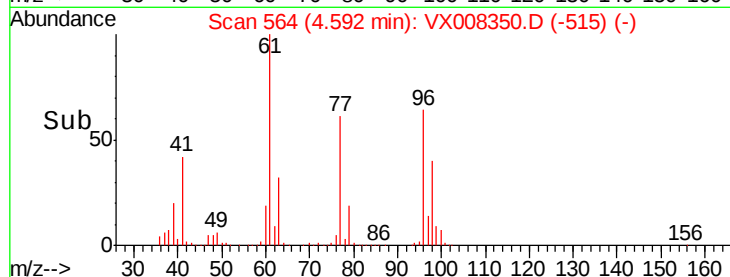
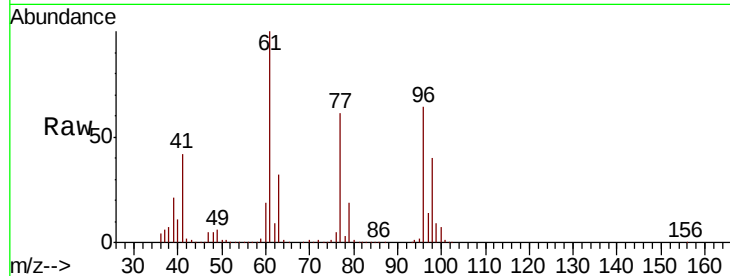


#27

cis-1,2-Dichloroethene
Concen: 90.002 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

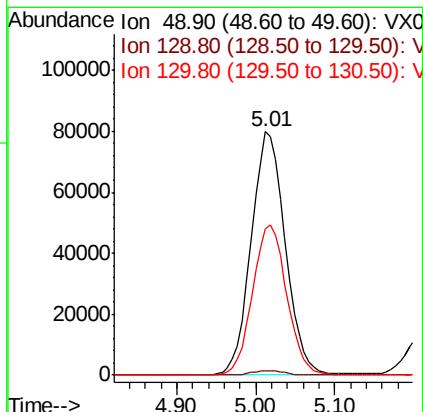
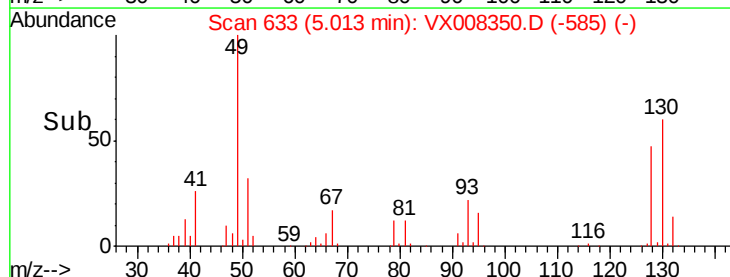
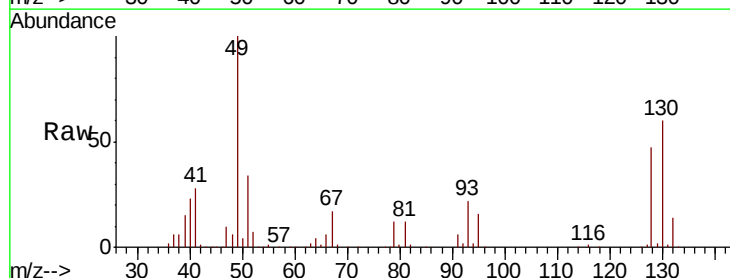
Tgt Ion: 96 Resp: 270885
Ion Ratio Lower Upper
96 100
61 161.6 0.0 288.0
98 63.7 0.0 129.0

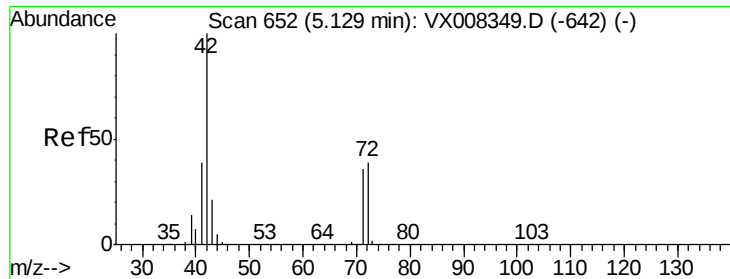


#28

Bromochloromethane
Concen: 99.770 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 49 Resp: 240081
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 61.7 65.0 97.4#





#29

Tetrahydrofuran

Concen: 512.605 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

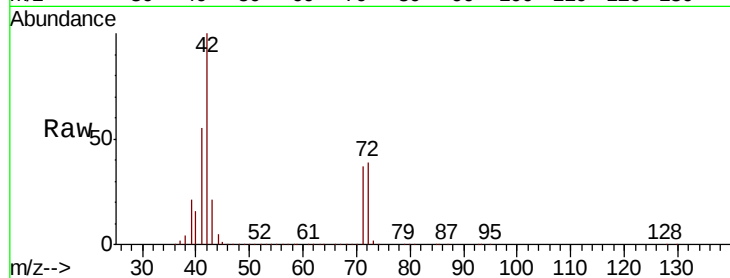
Tgt Ion: 42 Resp: 813839

Ion Ratio Lower Upper

42 100

72 39.1 33.8 50.6

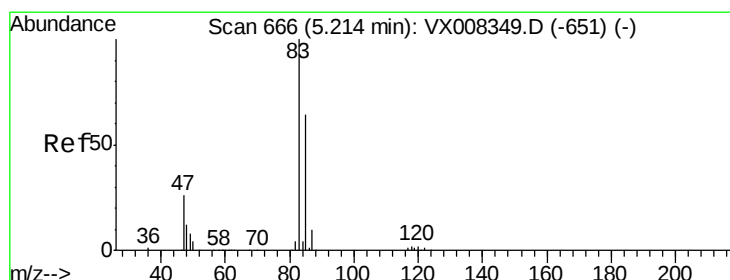
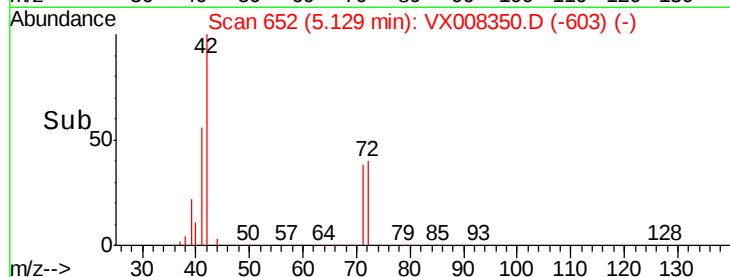
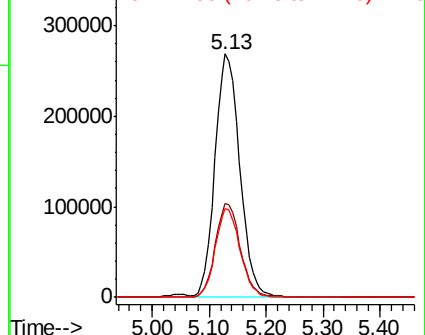
71 36.4 31.5 47.3



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: 86.875 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008350.D

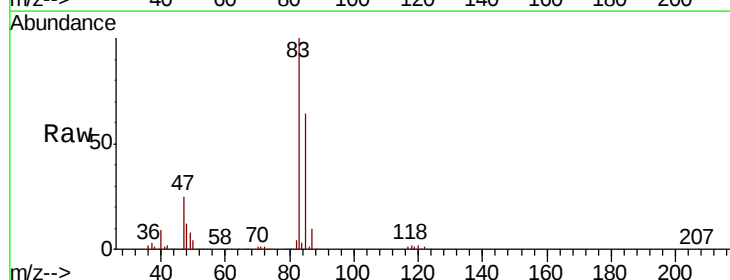
Acq: 23 Mar 2019 14:42

Tgt Ion: 83 Resp: 435490

Ion Ratio Lower Upper

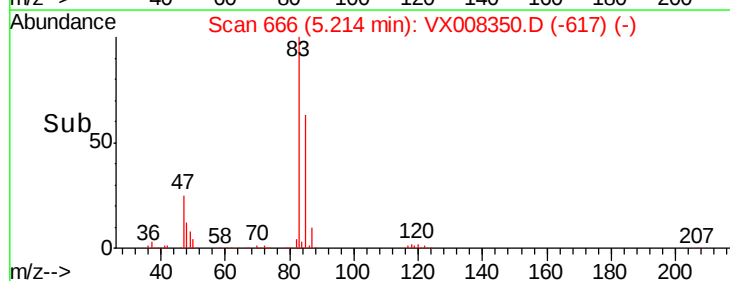
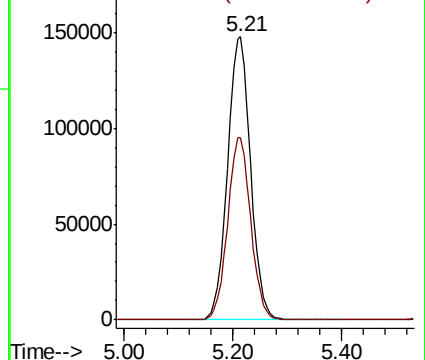
83 100

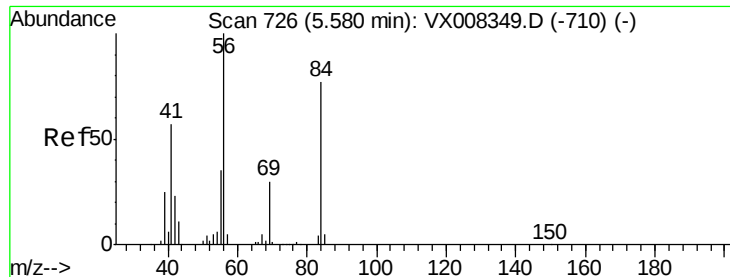
85 64.2 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

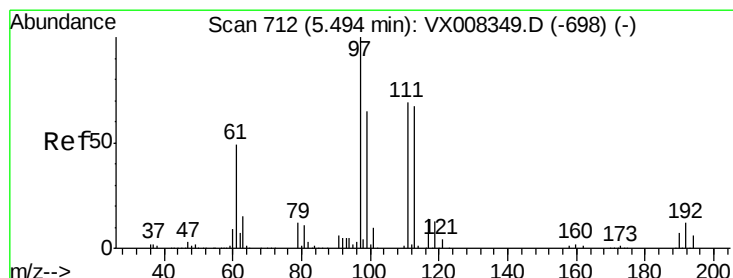
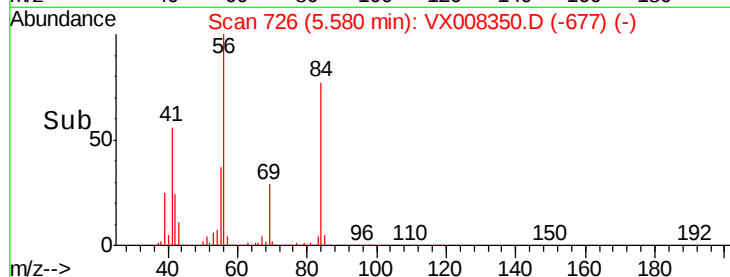
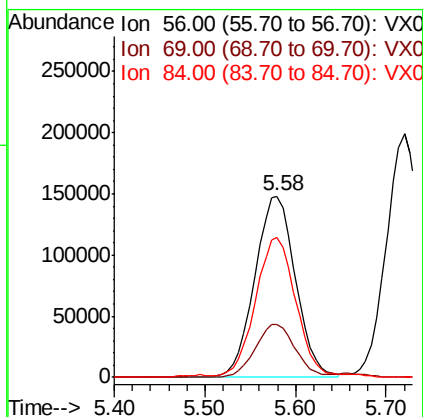
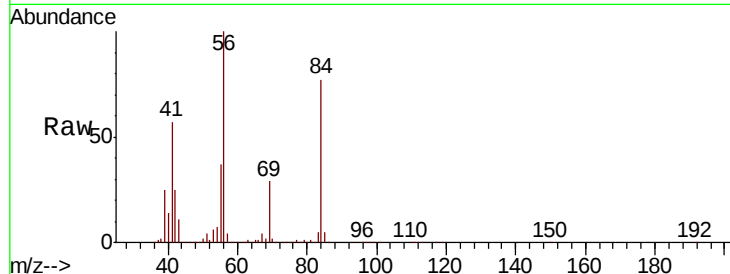




#31
Cyclohexane
Concen: 91.168 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

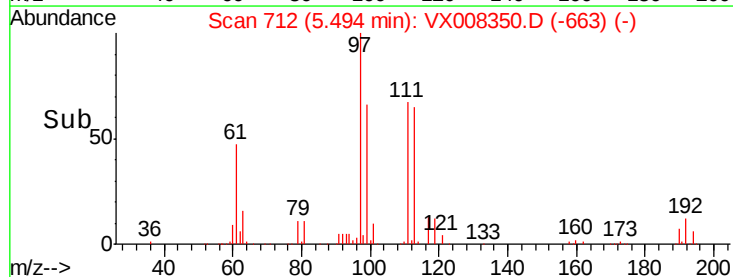
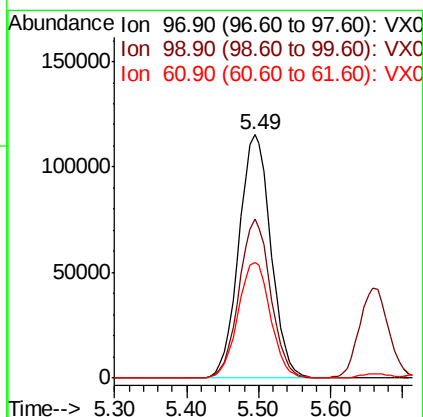
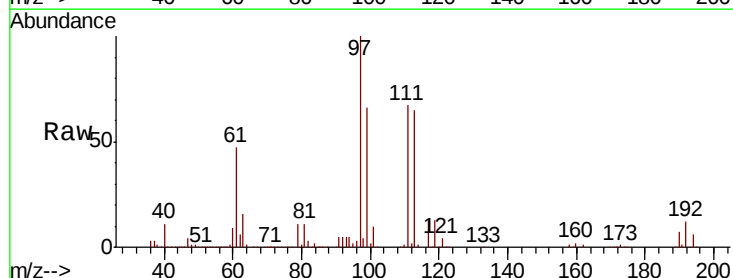
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

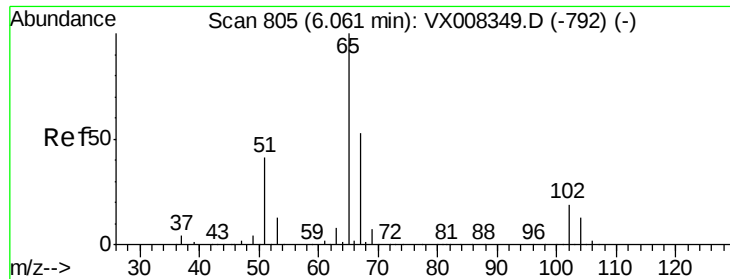
Tgt Ion: 56 Resp: 458778
Ion Ratio Lower Upper
56 100
69 29.3 24.0 36.0
84 75.9 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 85.448 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 97 Resp: 356315
Ion Ratio Lower Upper
97 100
99 64.4 52.2 78.2
61 48.6 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 96.058 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

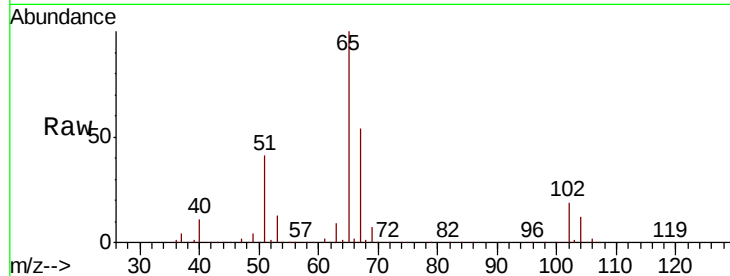
VSTDIC100

Tgt Ion: 65 Resp: 291396

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX008349.D (-792) (-)

Ion 66.90 (66.60 to 67.60): VX008349.D (-792) (-)

6.06

120000

100000

80000

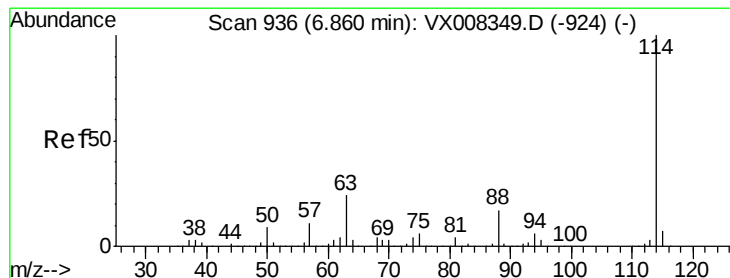
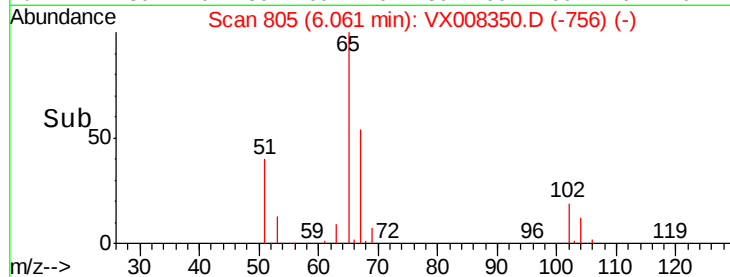
60000

40000

20000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

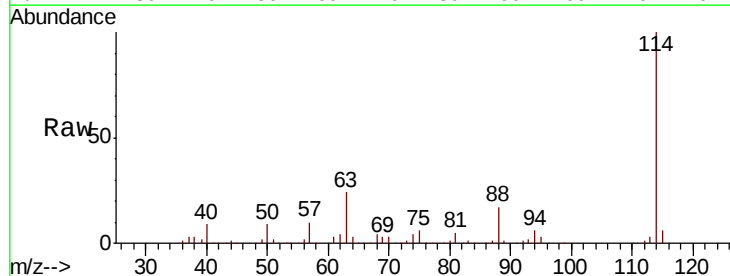
Tgt Ion: 114 Resp: 348617

Ion Ratio Lower Upper

114 100

63 24.1 0.0 39.8

88 16.6 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VX008349.D (-924) (-)

Ion 63.00 (62.70 to 63.70): VX008349.D (-924) (-)

Ion 87.90 (87.60 to 88.60): VX008349.D (-924) (-)

6.86

200000

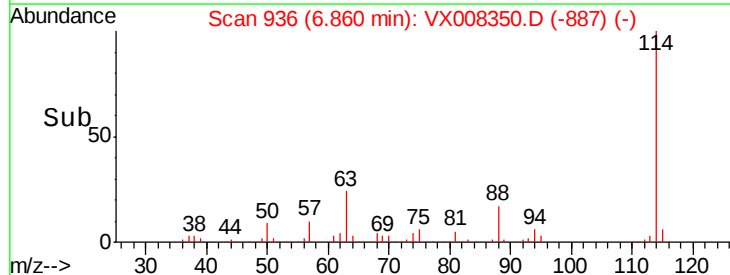
150000

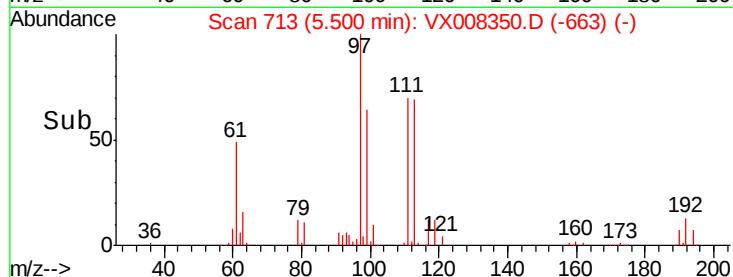
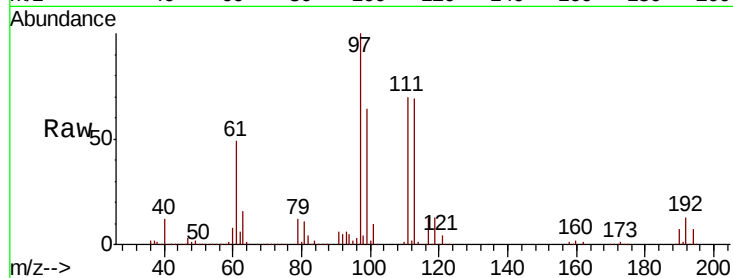
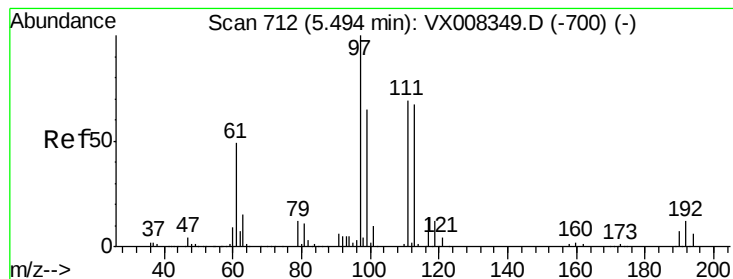
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 93.788 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

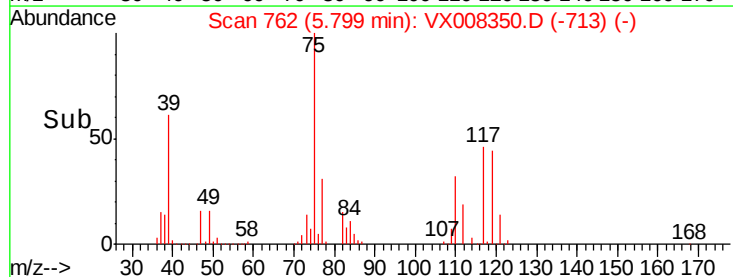
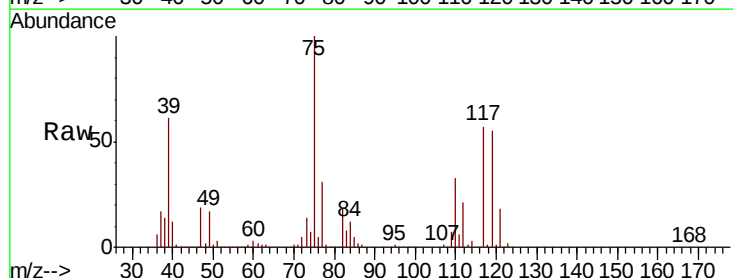
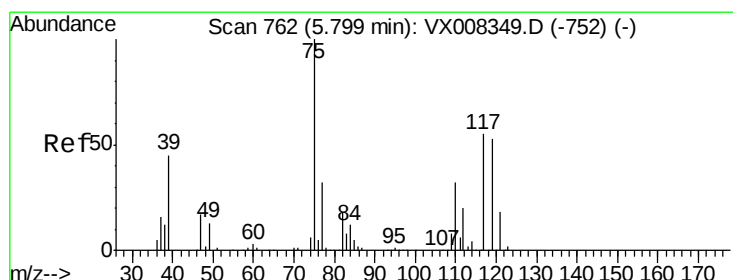
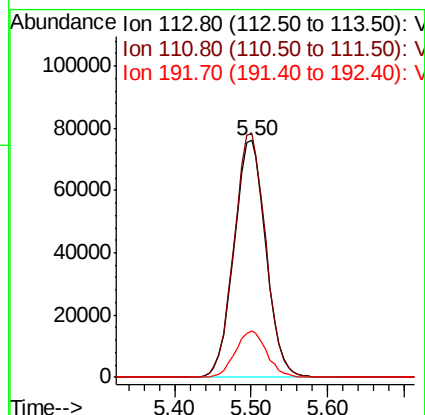
Tgt Ion:113 Resp: 218879

Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 19.2 19.4 29.0#



#36

1,1-Dichloropropene

Concen: 85.030 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

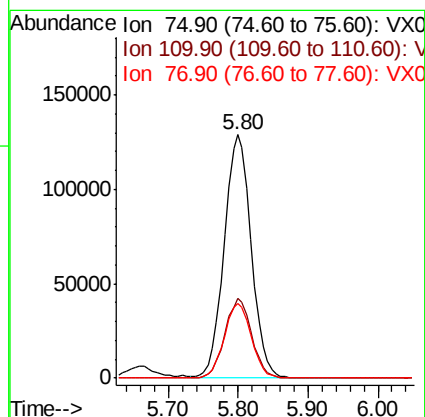
Tgt Ion: 75 Resp: 345121

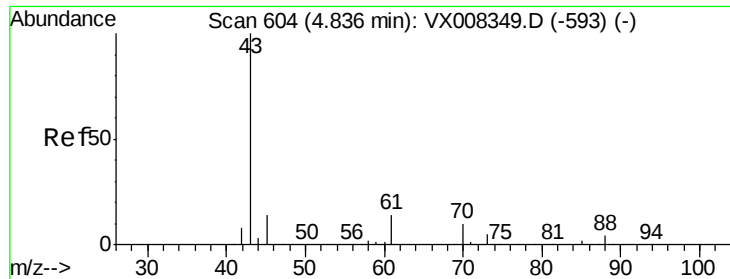
Ion Ratio Lower Upper

75 100

110 32.6 18.4 55.0

77 30.8 25.0 37.4





#37

Ethyl Acetate

Concen: 98.132 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

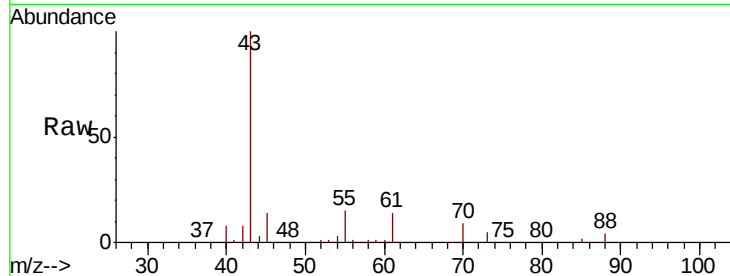
Tgt Ion: 43 Resp: 470834

Ion Ratio Lower Upper

43 100

61 13.4 11.3 16.9

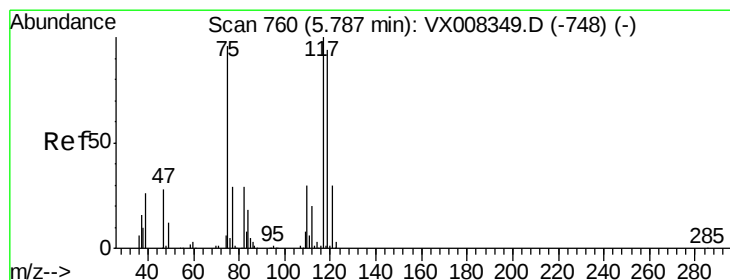
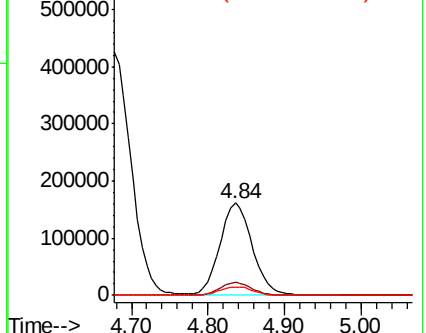
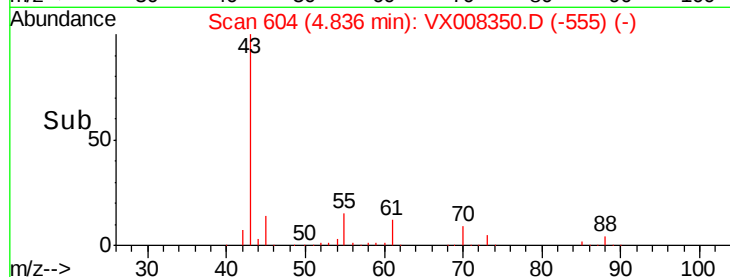
70 9.7 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 82.493 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

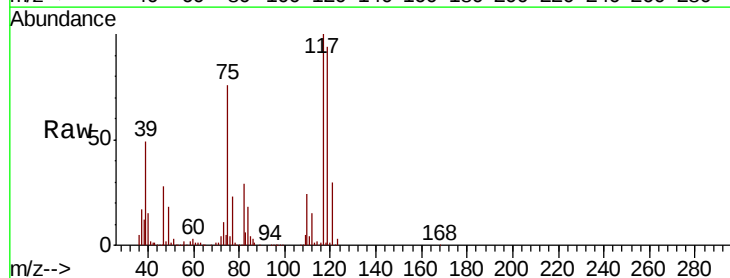
Tgt Ion: 117 Resp: 298328

Ion Ratio Lower Upper

117 100

119 94.4 76.2 114.2

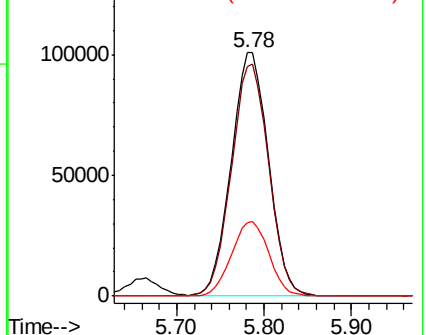
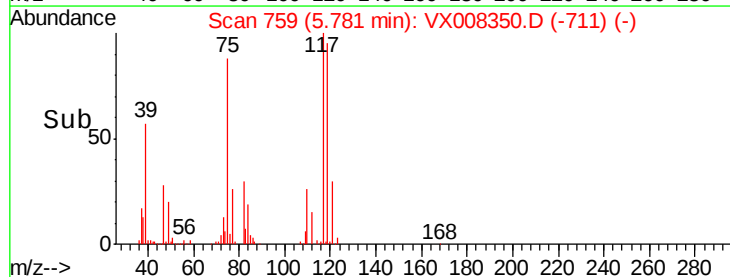
121 30.0 24.6 36.8

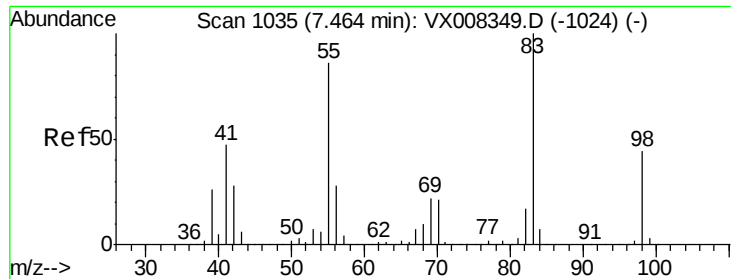


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

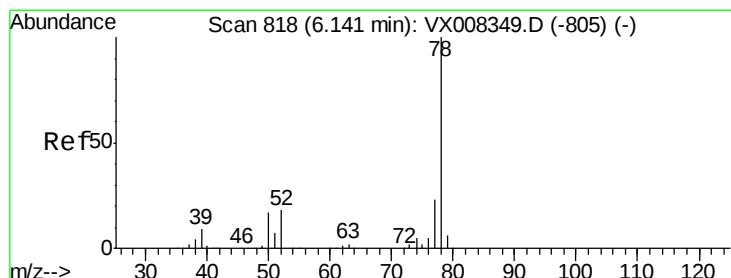
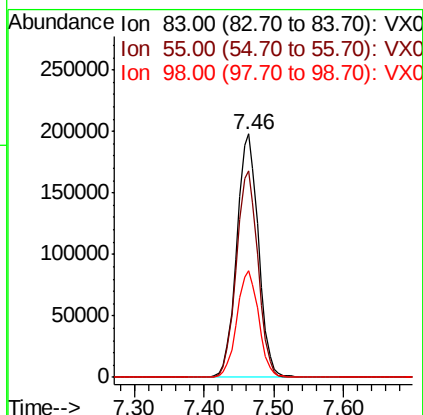
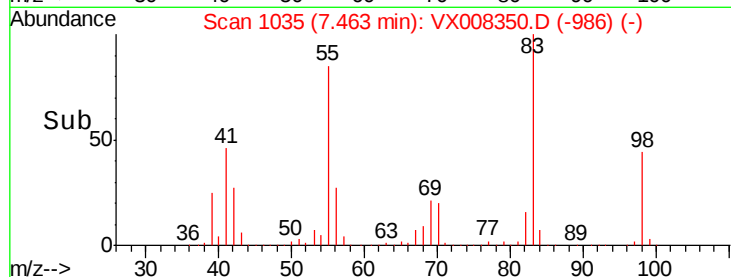
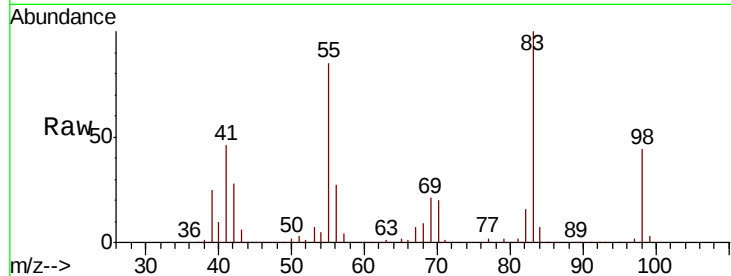




#39
Methylcyclohexane
Concen: 86.999 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

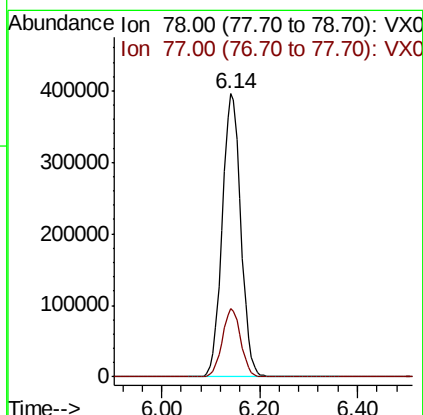
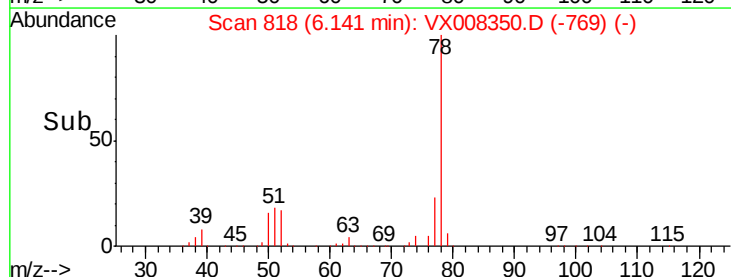
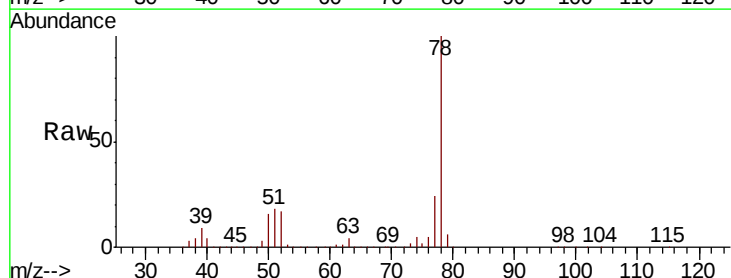
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

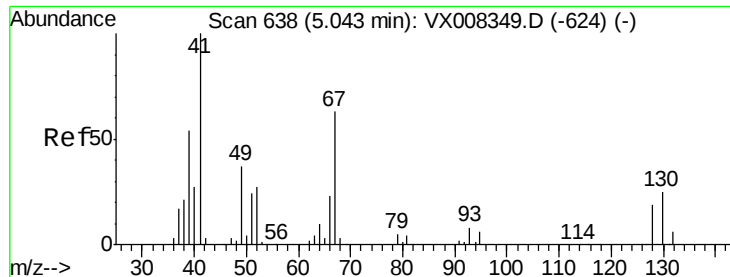
Tgt Ion: 83 Resp: 424934
Ion Ratio Lower Upper
83 100
55 84.6 60.4 90.6
98 43.8 36.5 54.7



#40
Benzene
Concen: 86.793 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 78 Resp: 1042663
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 97.631 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 41 Resp: 262754

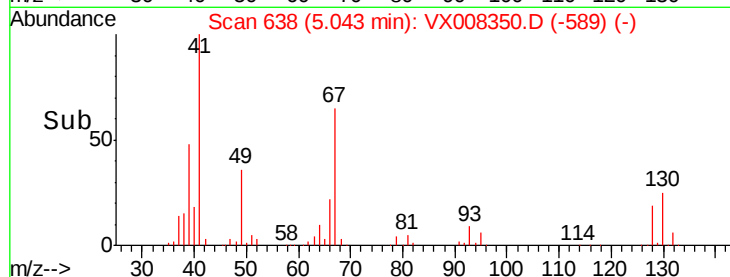
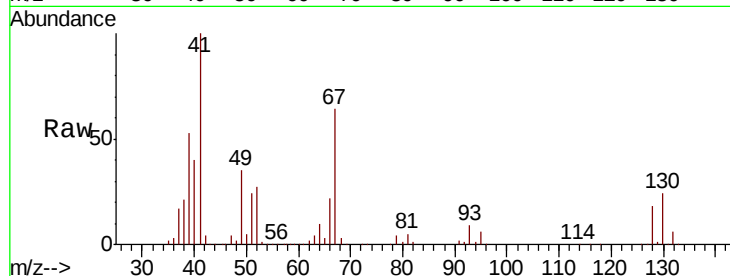
Ion Ratio Lower Upper

41 100

39 53.2 41.6 62.4

67 65.0 55.8 83.6

52 26.4 21.7 32.5

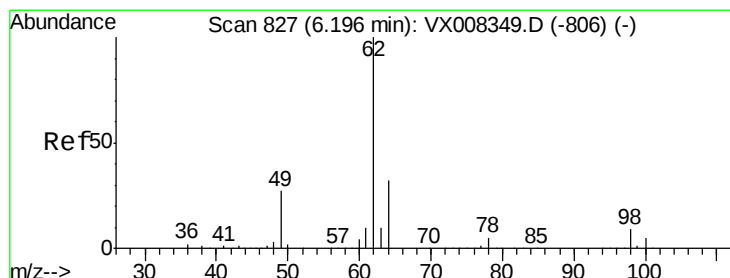
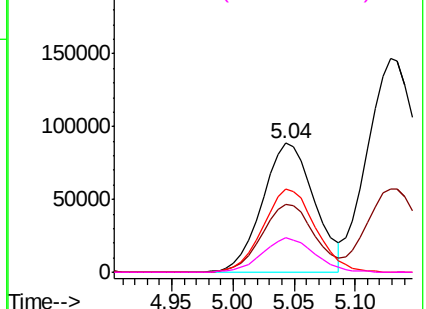


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 83.445 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

Lab File: VX008350.D

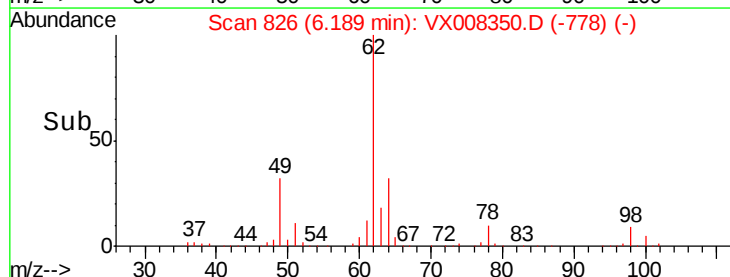
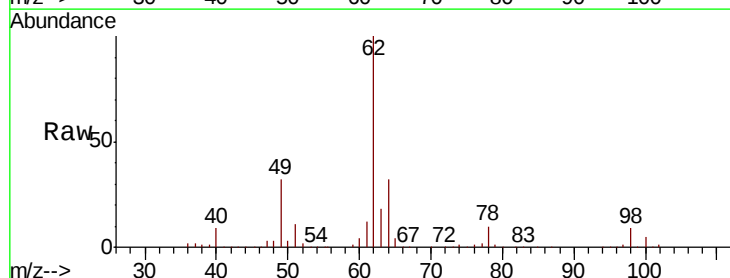
Acq: 23 Mar 2019 14:42

Tgt Ion: 62 Resp: 367227

Ion Ratio Lower Upper

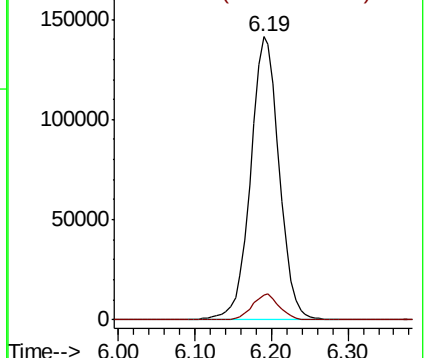
62 100

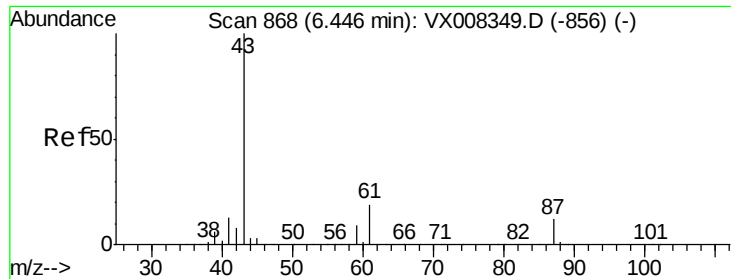
98 8.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 98.384 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

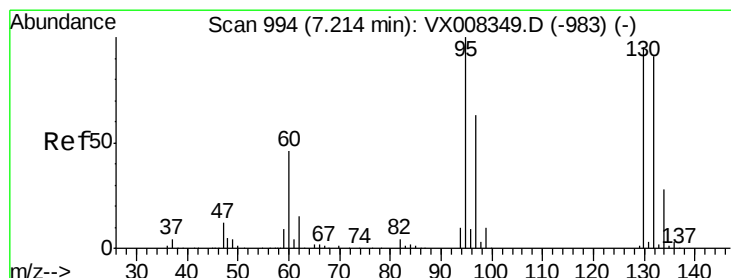
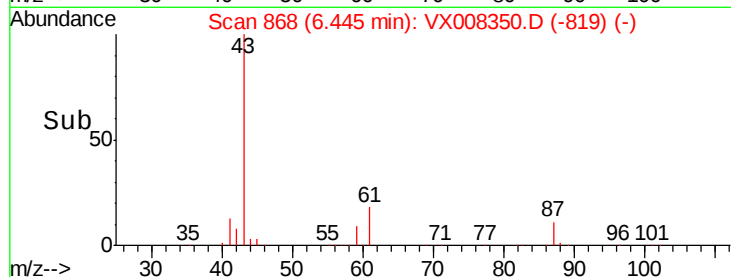
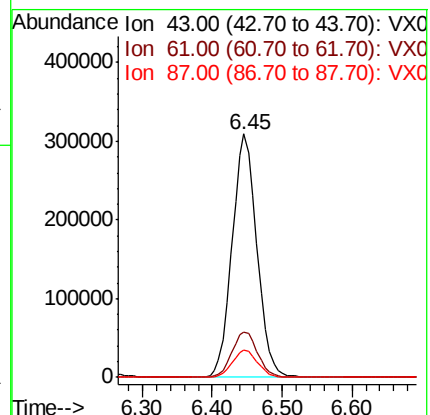
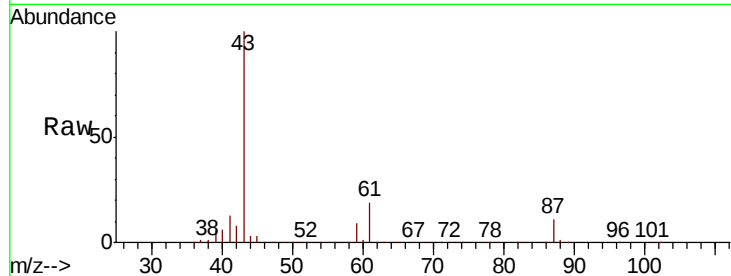
Tgt Ion: 43 Resp: 756630

Ion Ratio Lower Upper

43 100

61 19.3 16.3 24.5

87 11.3 10.5 15.7



#44

Trichloroethene

Concen: 81.368 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008350.D

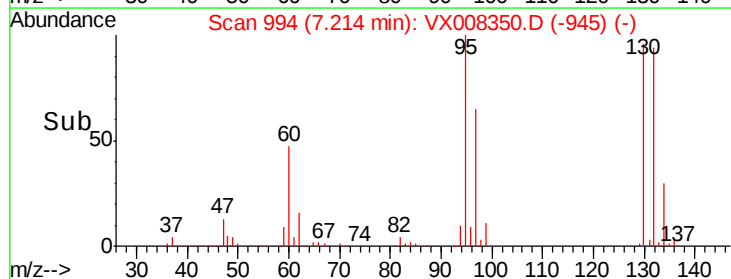
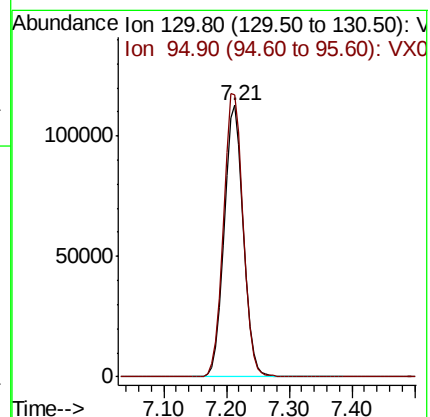
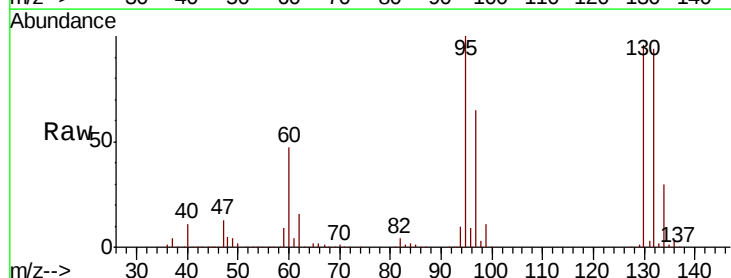
Acq: 23 Mar 2019 14:42

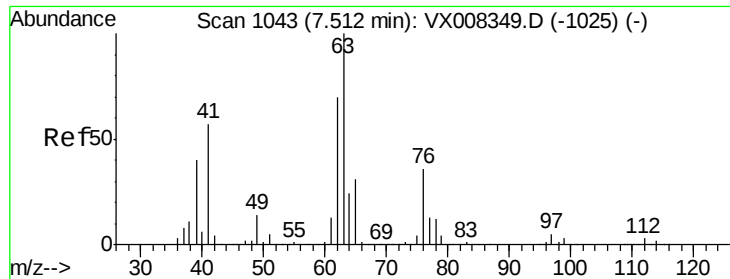
Tgt Ion: 130 Resp: 239009

Ion Ratio Lower Upper

130 100

95 104.1 0.0 188.0

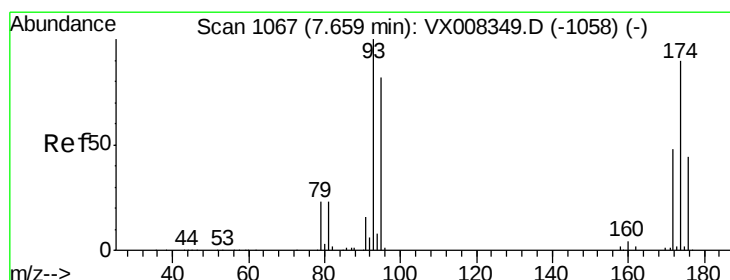
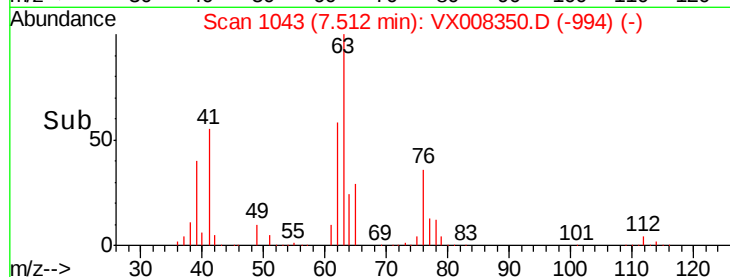
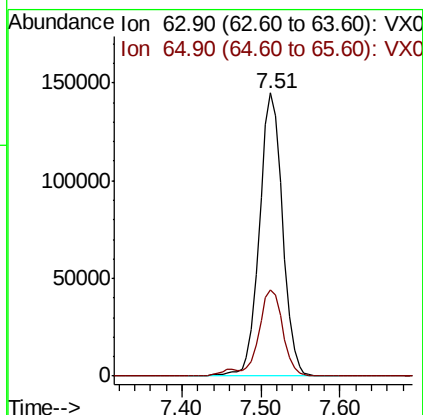
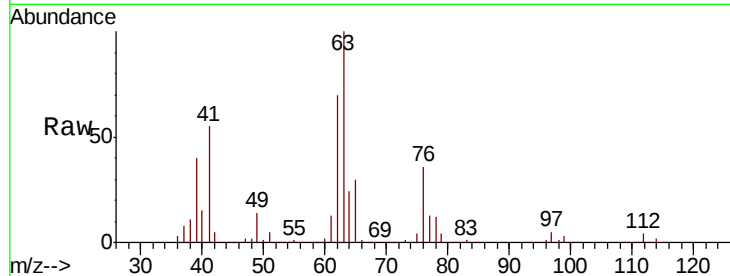




#45
 1,2-Dichloropropane
 Concen: 87.923 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

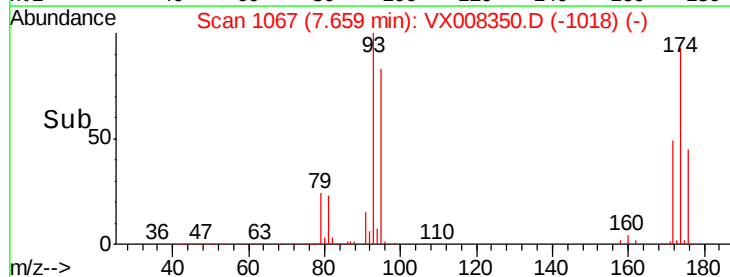
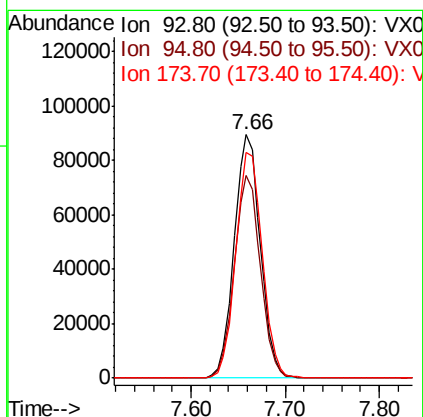
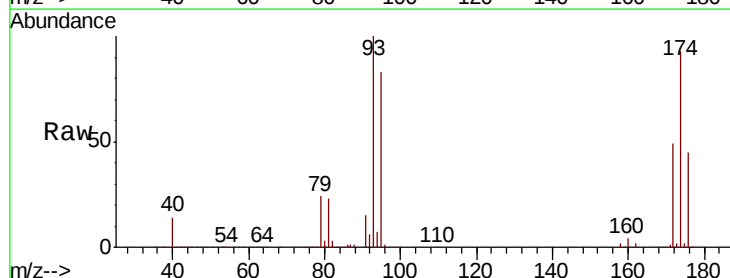
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

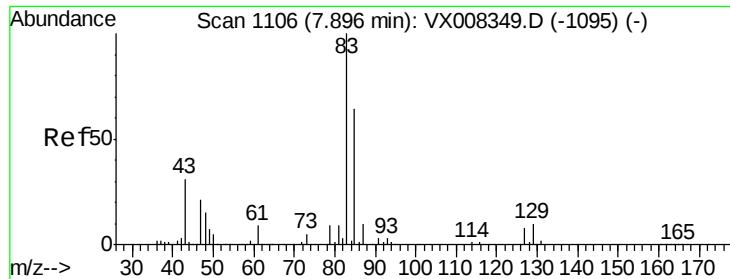
Tgt Ion: 63 Resp: 295684
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1



#46
 Dibromomethane
 Concen: 84.397 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Tgt Ion: 93 Resp: 171846
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 94.1 97.3 145.9#





#47

Bromodichloromethane

Concen: 89.787 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

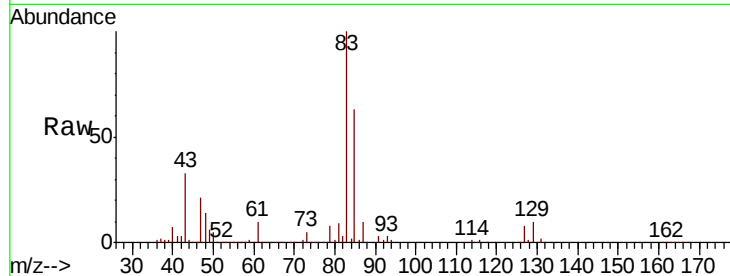
Tgt Ion: 83 Resp: 348418

Ion Ratio Lower Upper

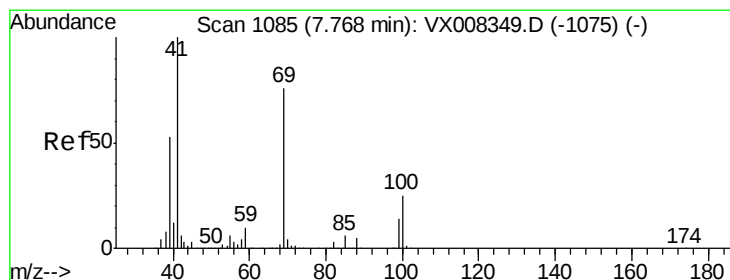
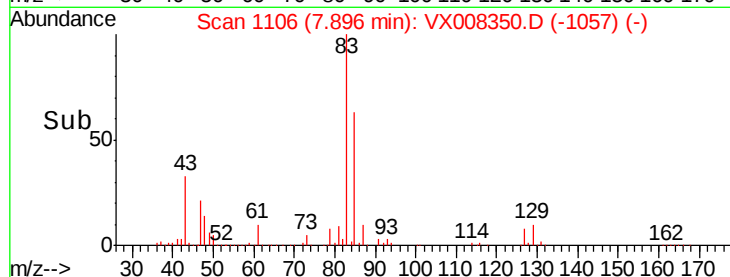
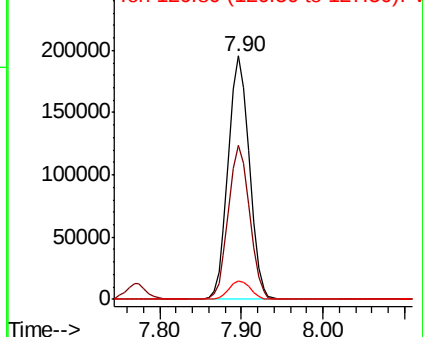
83 100

85 63.2 50.9 76.3

127 7.6 7.4 11.0



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



#48

Methyl methacrylate

Concen: 93.661 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

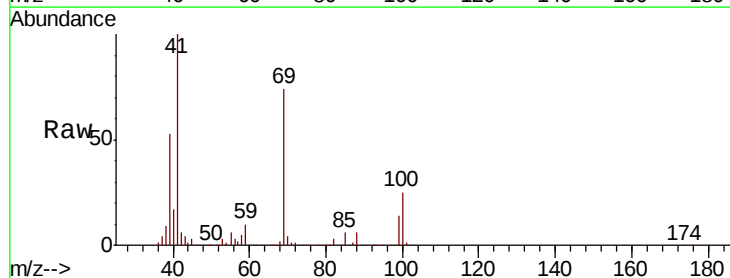
Tgt Ion: 41 Resp: 382999

Ion Ratio Lower Upper

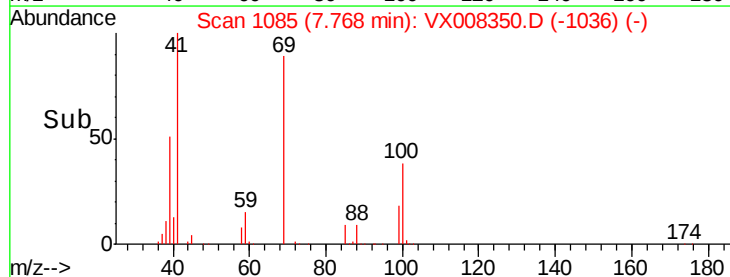
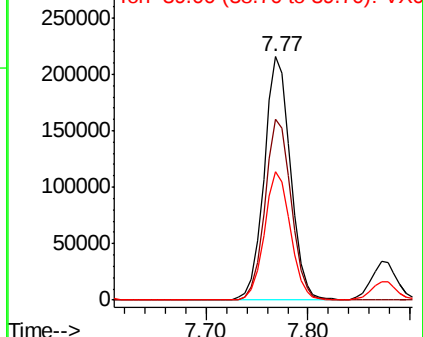
41 100

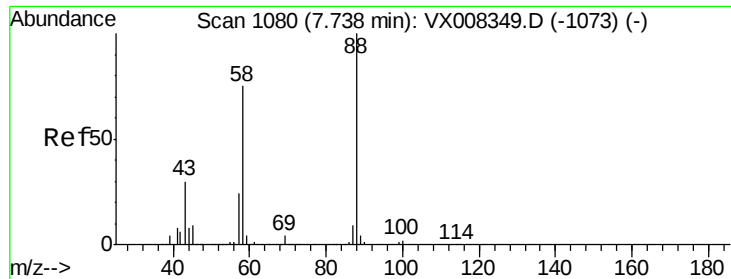
69 74.8 65.2 97.8

39 52.4 39.4 59.2



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

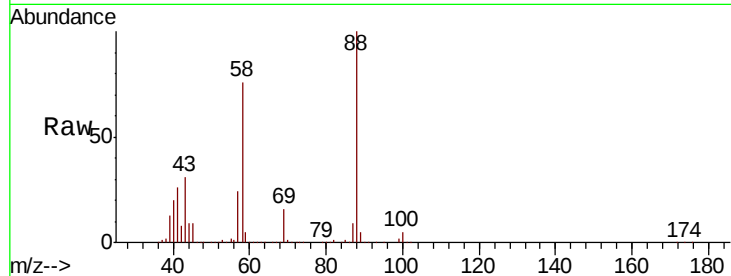




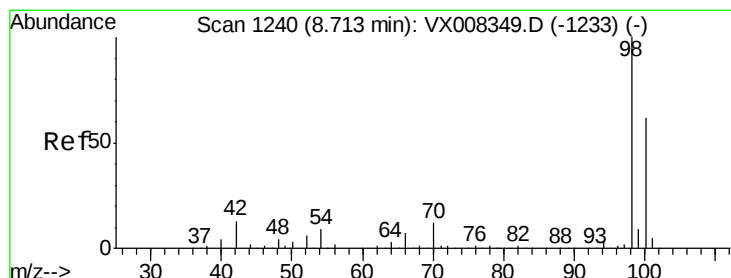
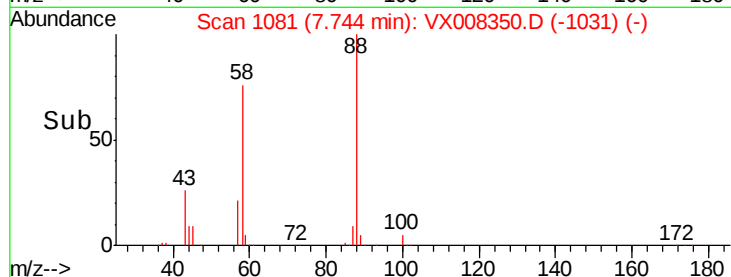
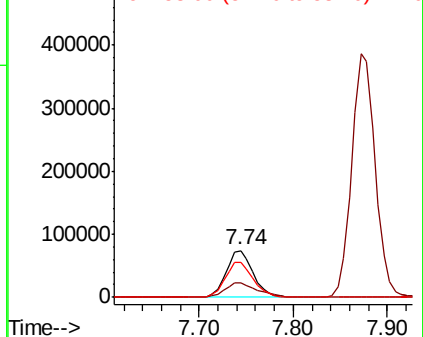
#49
1,4-Dioxane
Concen: 2025.069 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 88 Resp: 146130
Ion Ratio Lower Upper
88 100
43 36.3 25.1 37.7
58 78.1 57.8 86.6

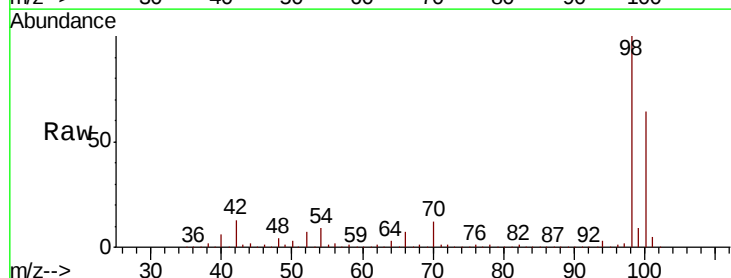


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

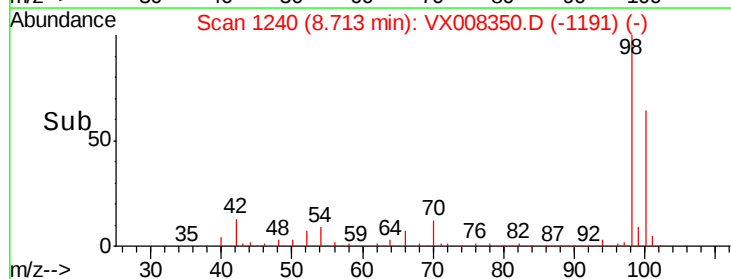
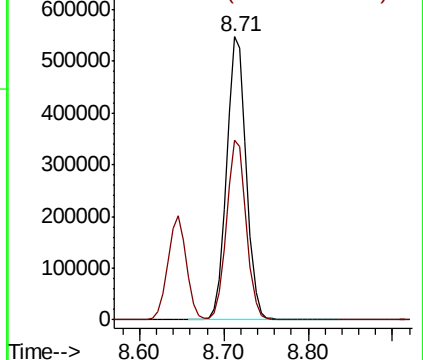


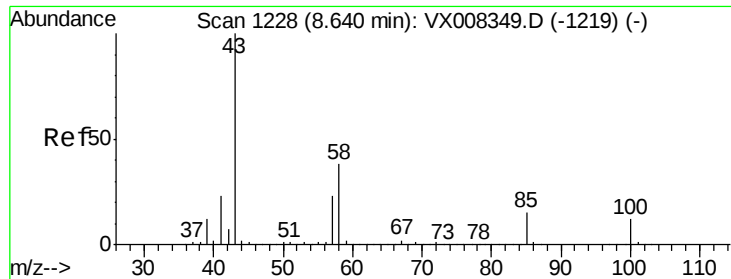
#50
Toluene-d8
Concen: 98.304 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 98 Resp: 869802
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5



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

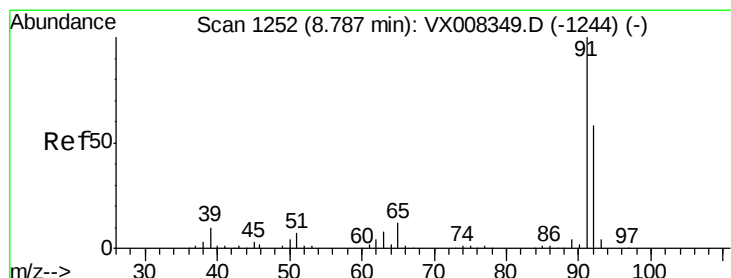
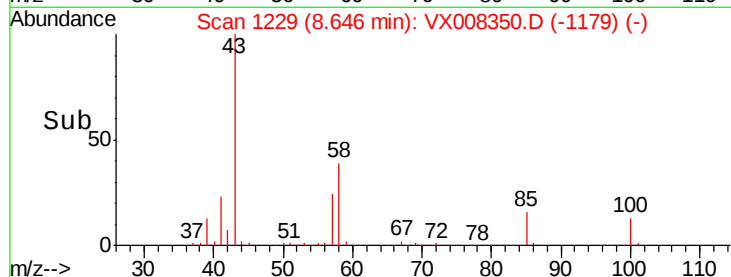
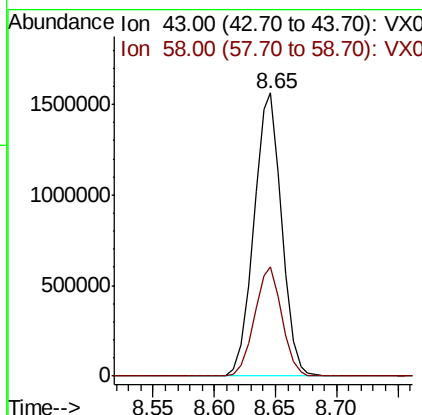
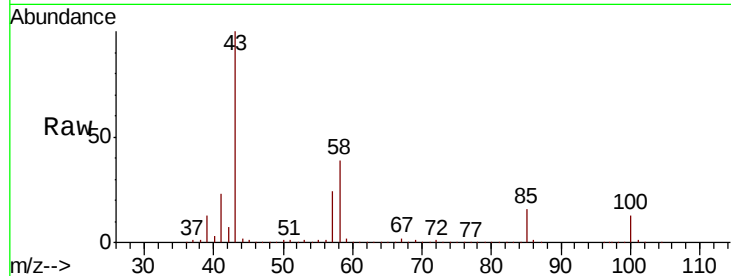




#51
 4-Methyl-2-Pentanone
 Concen: 495.734 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

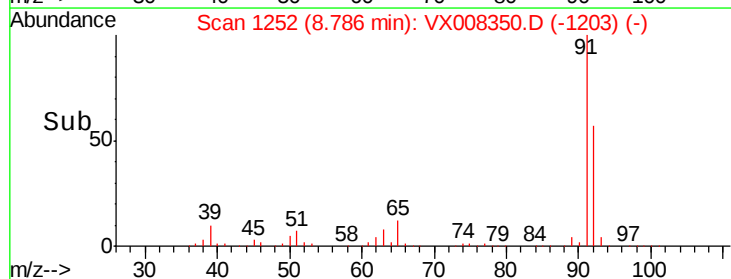
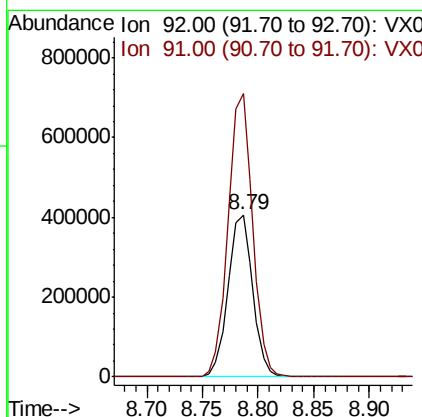
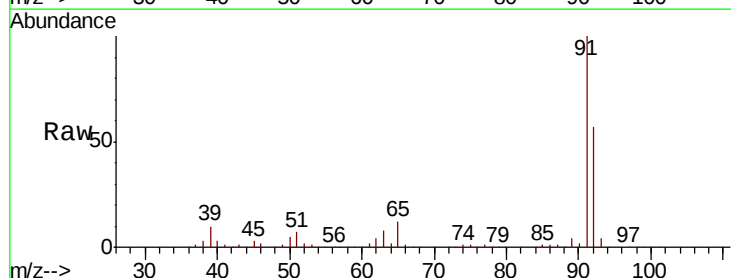
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

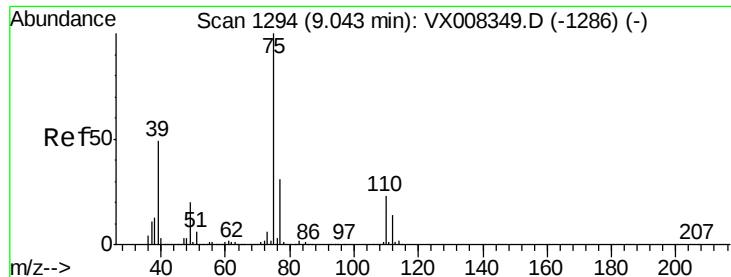
Tgt Ion: 43 Resp: 2464737
 Ion Ratio Lower Upper
 43 100
 58 38.0 31.3 46.9



#52
 Toluene
 Concen: 87.149 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Tgt Ion: 92 Resp: 621115
 Ion Ratio Lower Upper
 92 100
 91 174.1 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 93.489 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

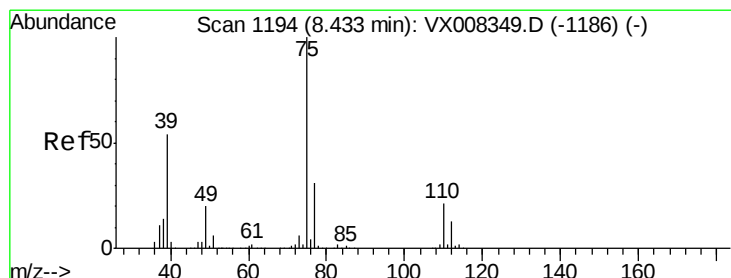
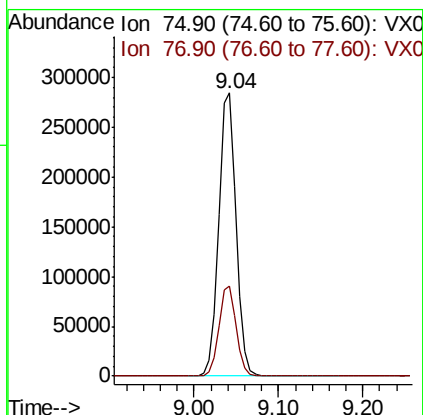
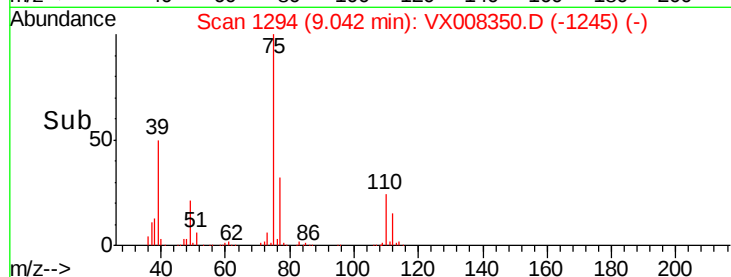
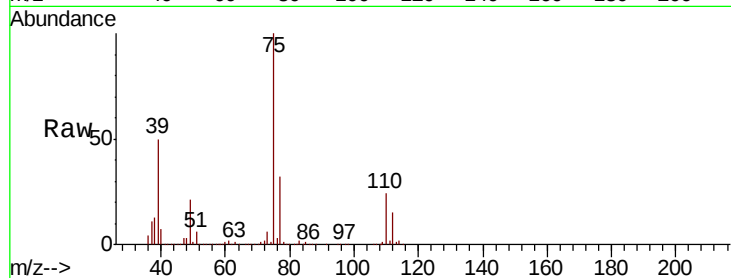
VSTDIC100

Tgt Ion: 75 Resp: 405999

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 92.573 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

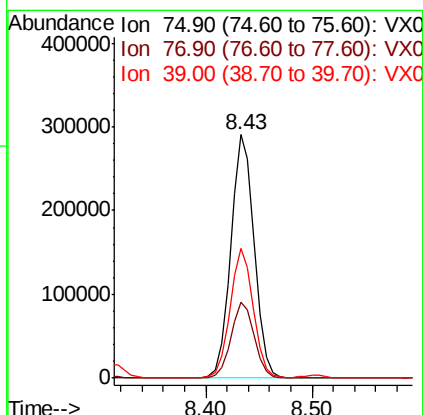
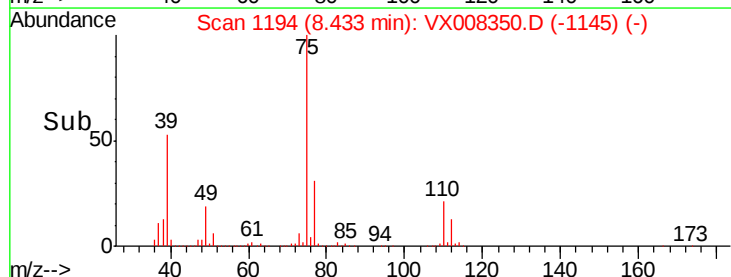
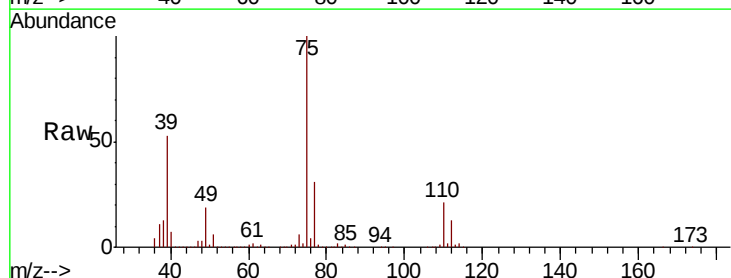
Tgt Ion: 75 Resp: 445823

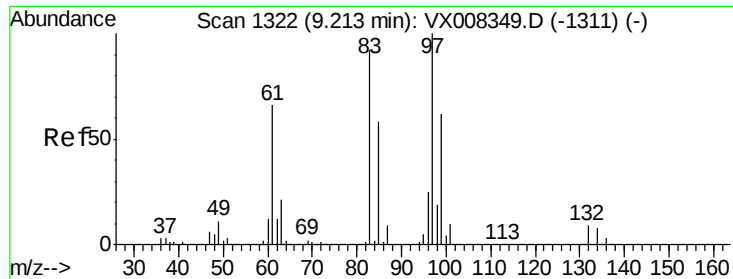
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.6

39 53.2 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 88.393 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 254532

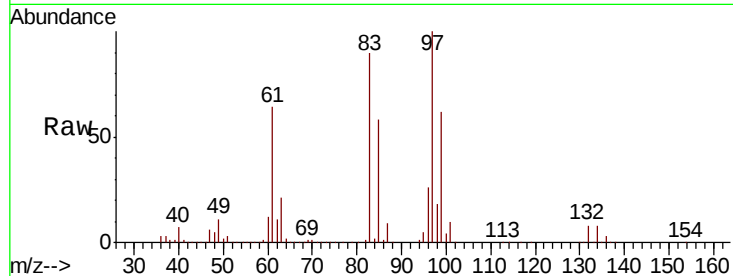
Ion Ratio Lower Upper

97 100

83 90.4 69.1 103.7

85 58.1 44.3 66.5

99 62.2 49.8 74.8



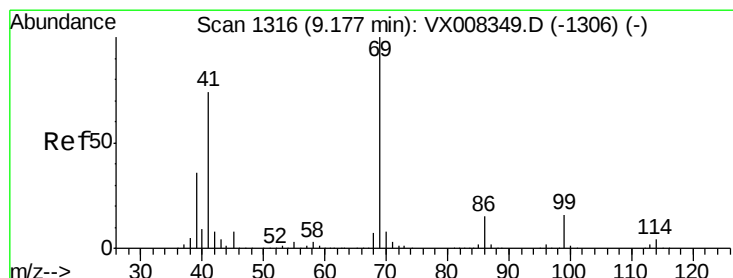
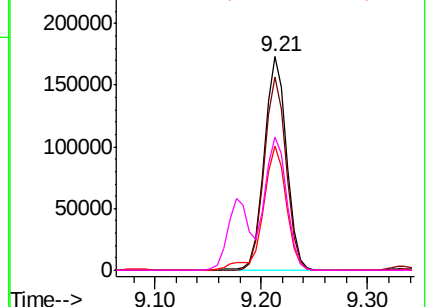
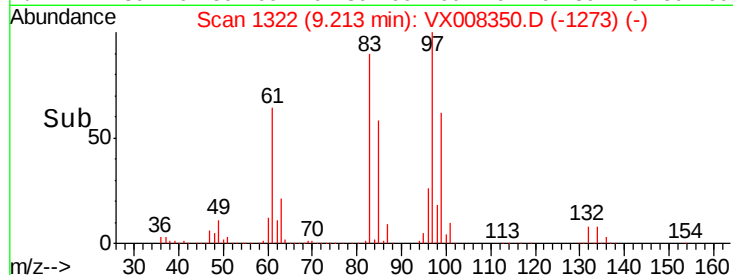
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 105.222 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

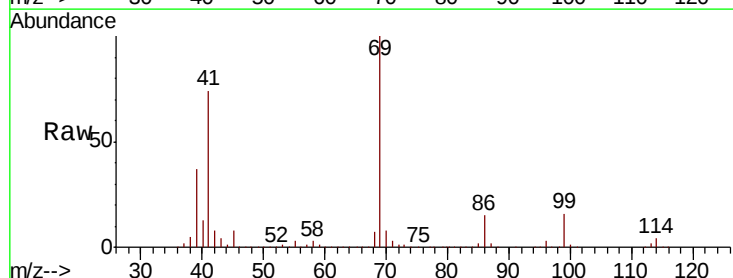
Tgt Ion: 69 Resp: 484671

Ion Ratio Lower Upper

69 100

41 74.1 54.2 81.4

39 36.4 25.0 37.4

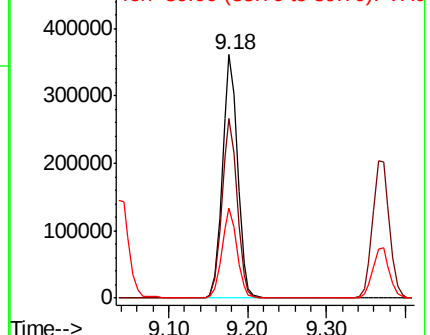
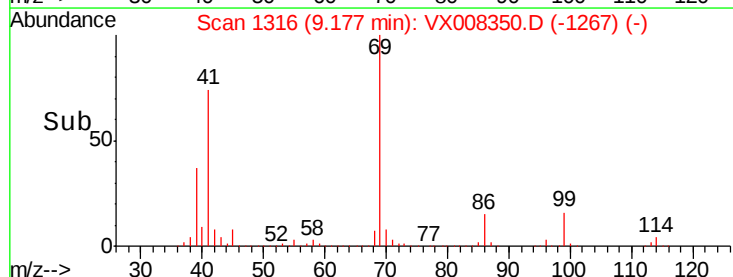


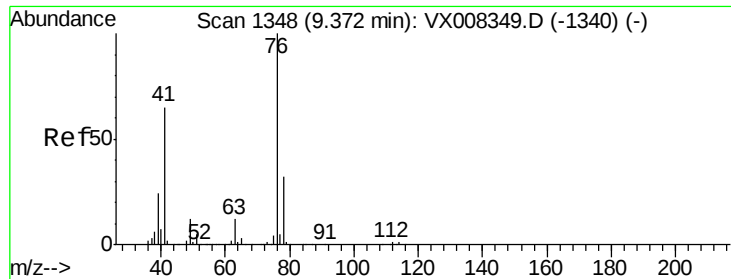
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 89.060 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

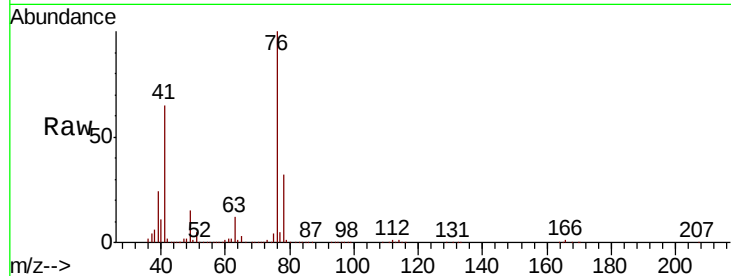
VSTDIC100

Tgt Ion: 76 Resp: 453665

Ion Ratio Lower Upper

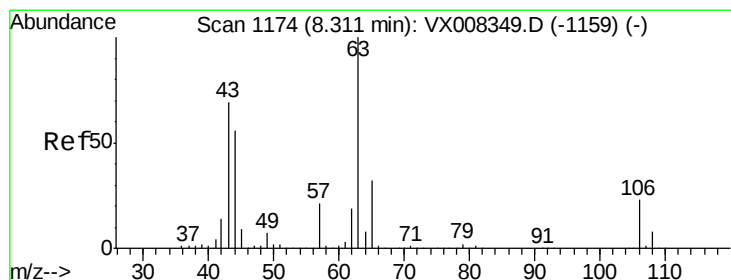
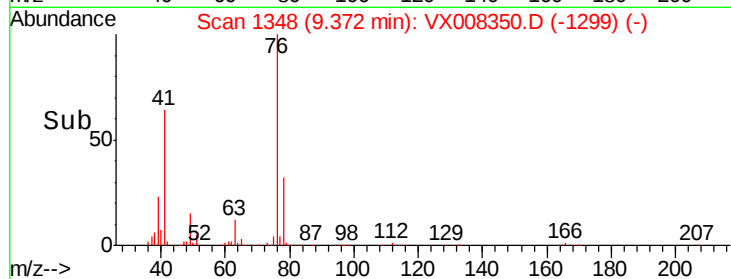
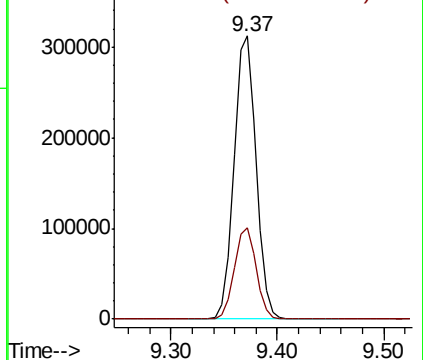
76 100

78 32.0 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: 548.179 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008350.D

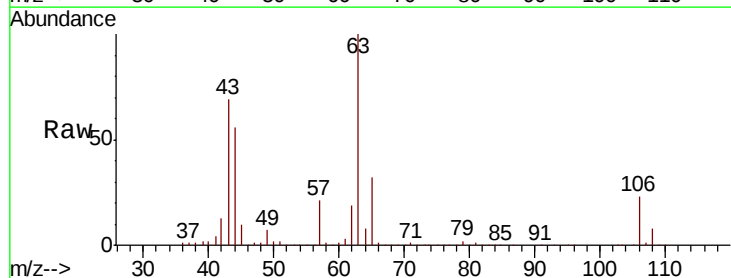
Acq: 23 Mar 2019 14:42

Tgt Ion: 63 Resp: 1293320

Ion Ratio Lower Upper

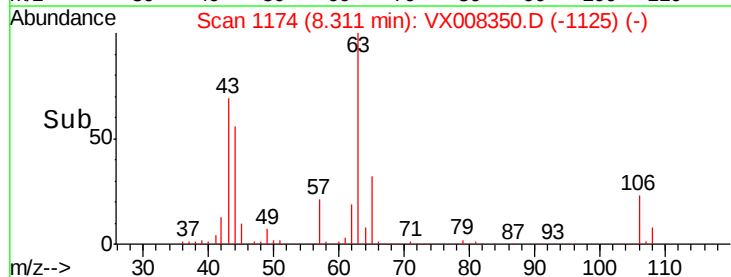
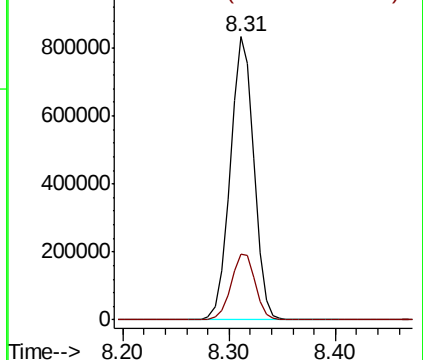
63 100

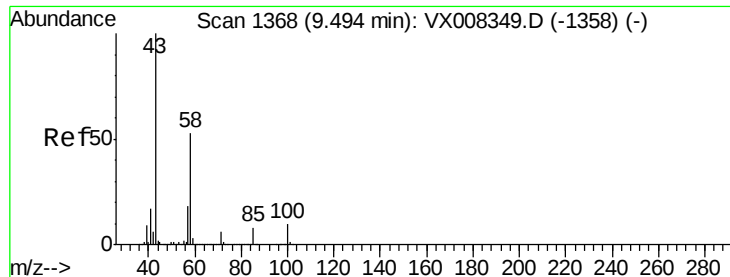
106 23.7 22.2 33.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

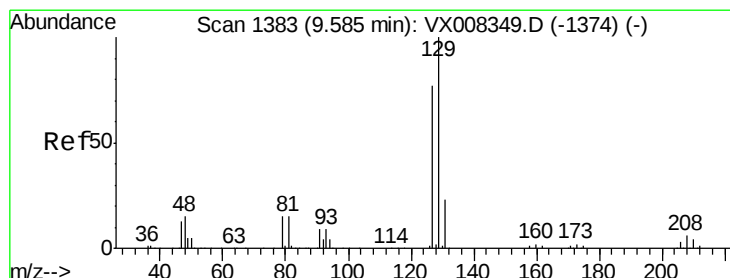
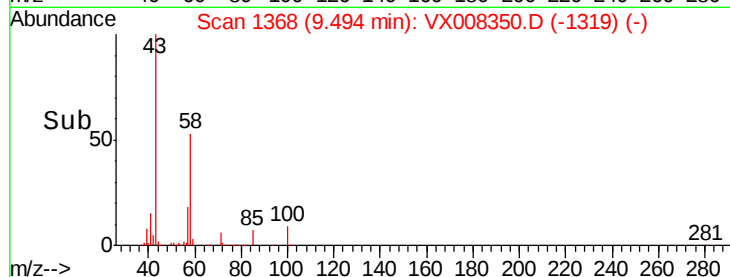
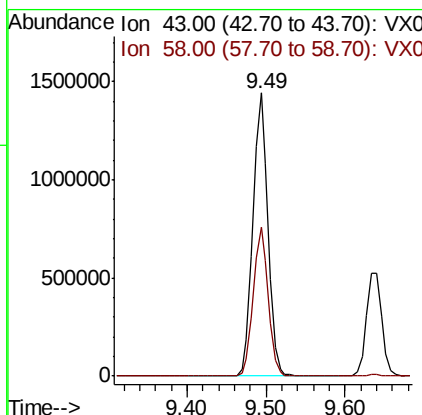
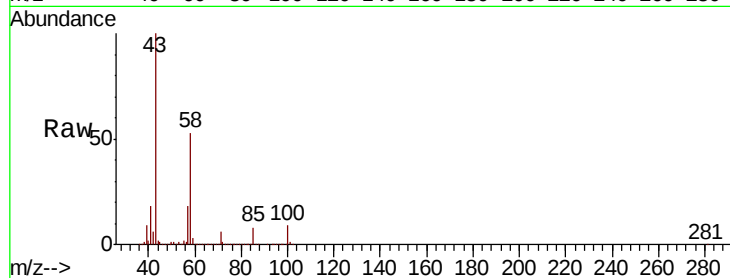




#59
2-Hexanone
Concen: 499.883 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

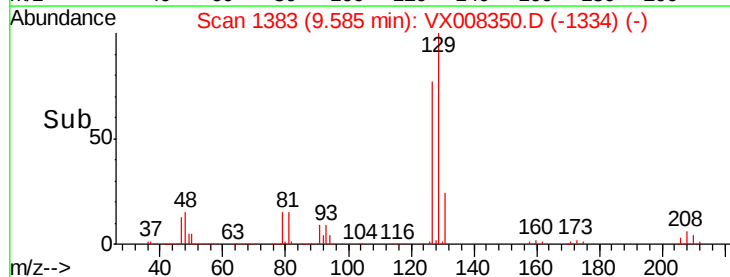
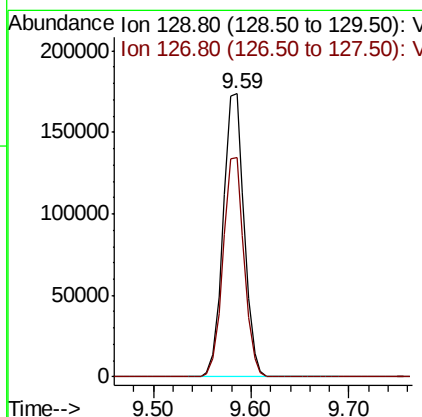
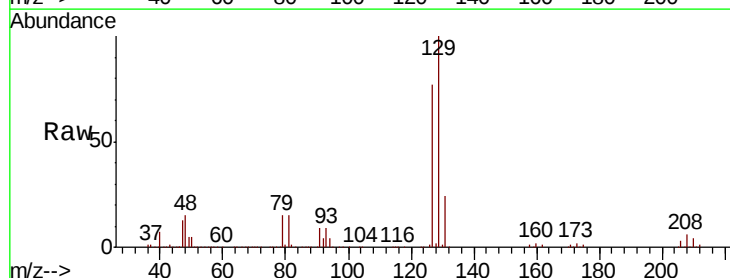
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

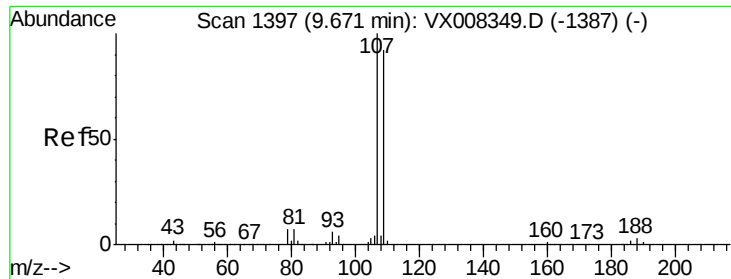
Tgt Ion: 43 Resp: 1913427
Ion Ratio Lower Upper
43 100
58 52.6 27.6 82.7



#60
Dibromochloromethane
Concen: 93.094 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 129 Resp: 257626
Ion Ratio Lower Upper
129 100
127 77.6 38.3 114.8





#61

1,2-Dibromoethane

Concen: 88.157 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

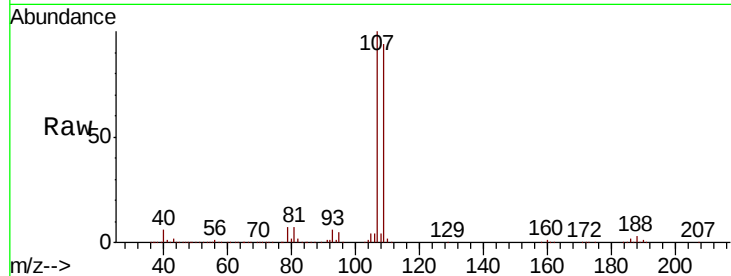
VSTDIC100

Tgt Ion: 107 Resp: 265064

Ion Ratio Lower Upper

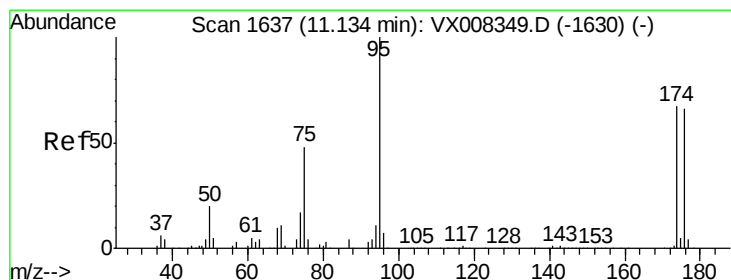
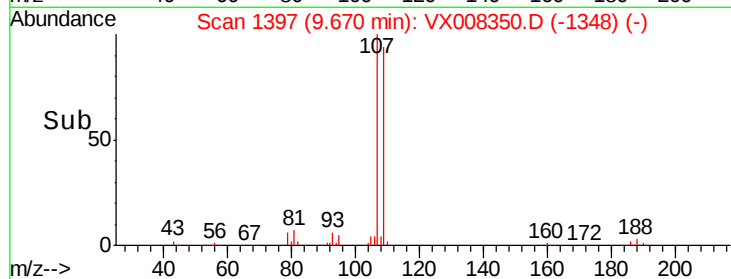
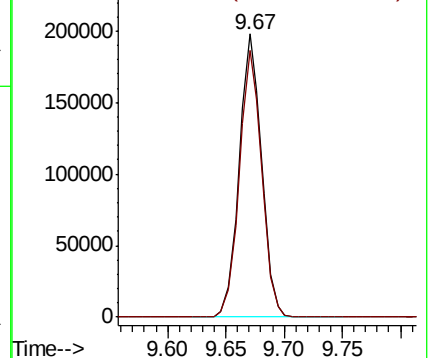
107 100

109 94.1 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: 108.039 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

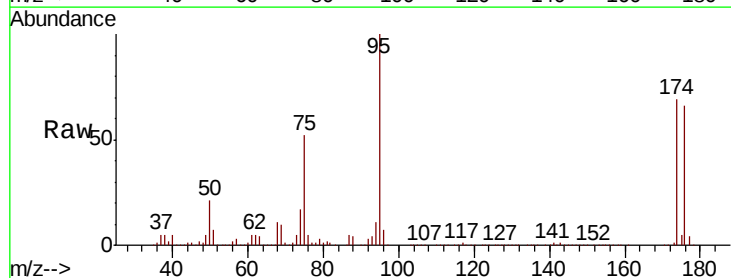
Tgt Ion: 95 Resp: 329149

Ion Ratio Lower Upper

95 100

174 73.8 0.0 182.8

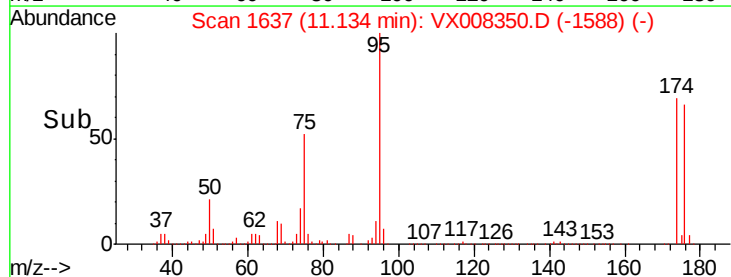
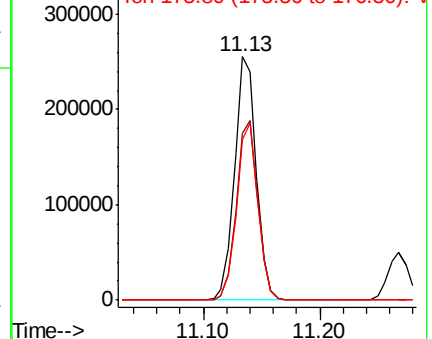
176 71.5 0.0 178.0

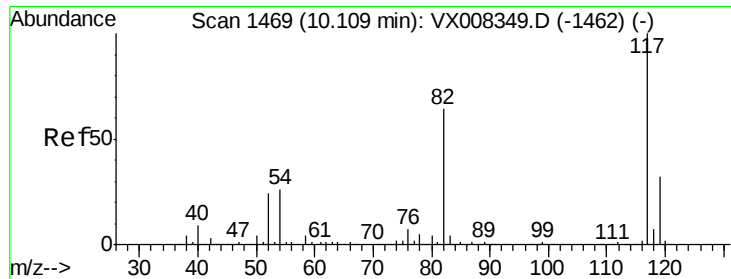


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

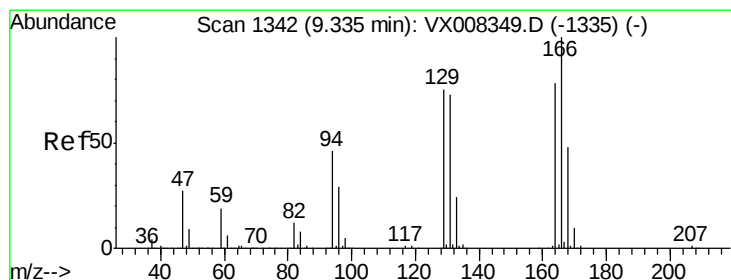
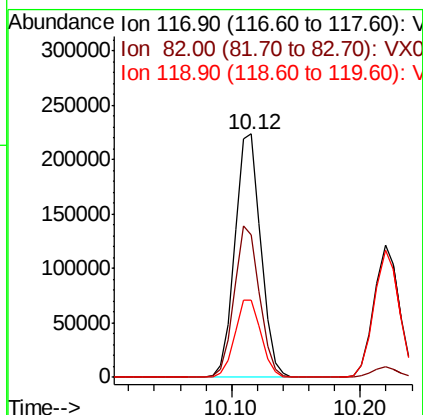
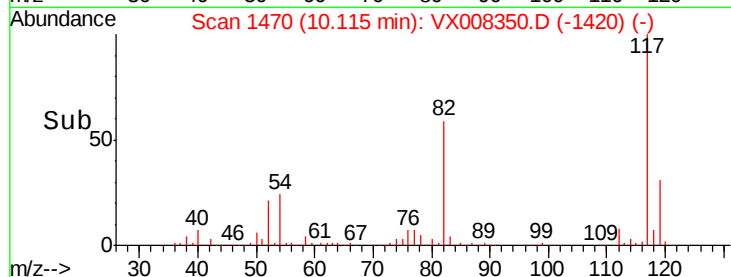
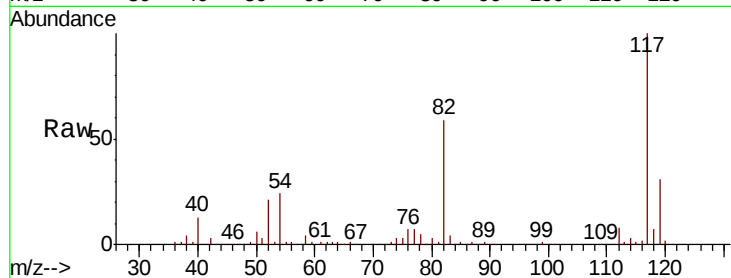




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

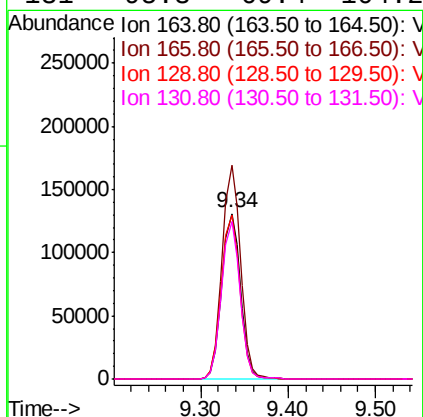
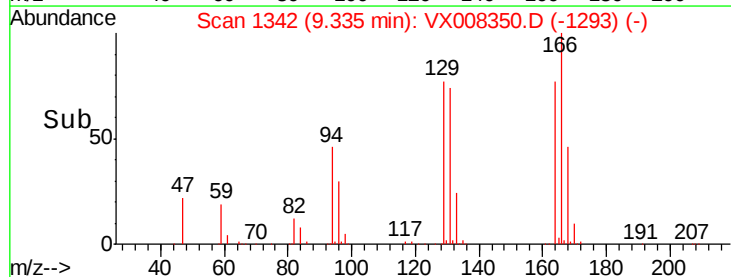
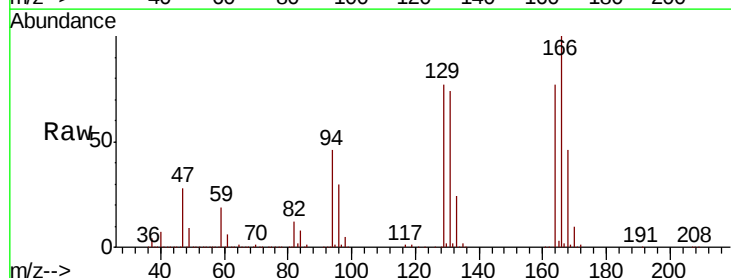
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

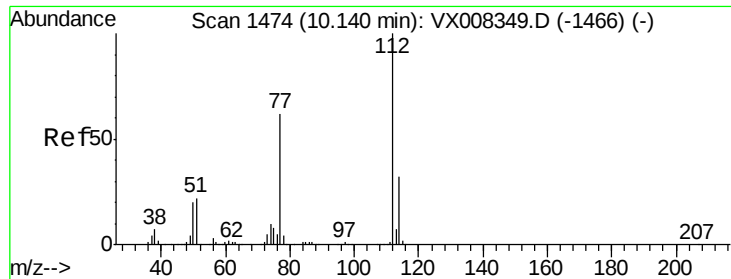
Tgt Ion:117 Resp: 312822
Ion Ratio Lower Upper
117 100
82 58.7 44.3 66.5
119 31.5 25.3 37.9



#64
Tetrachloroethene
Concen: 68.428 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:164 Resp: 193120
Ion Ratio Lower Upper
164 100
166 129.1 103.4 155.0
129 99.0 72.2 108.4
131 95.3 69.4 104.2

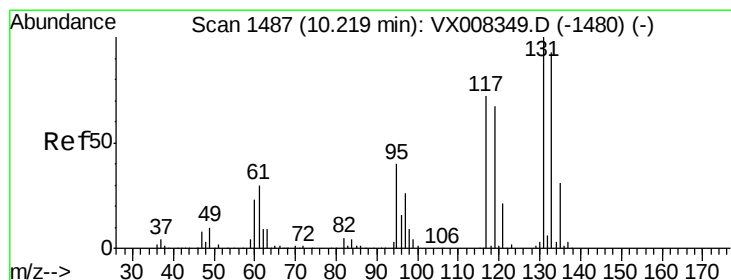
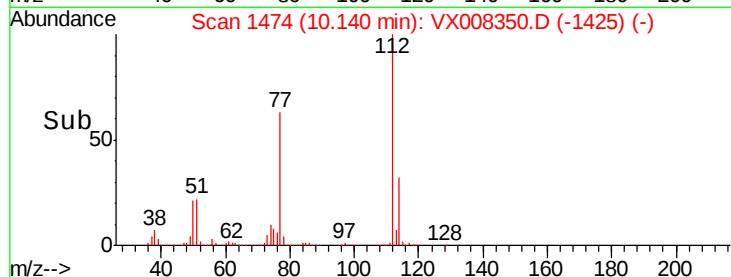
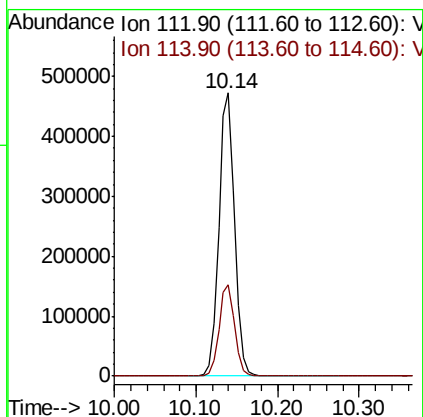
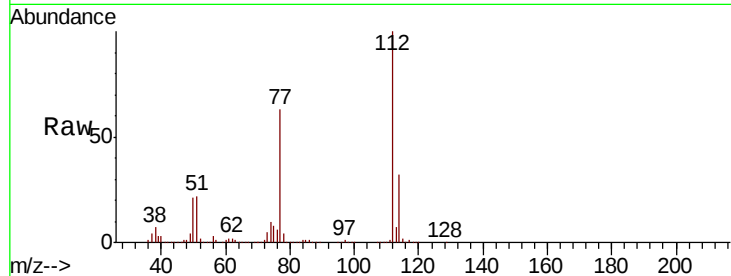




#65
Chlorobenzene
Concen: 82.780 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

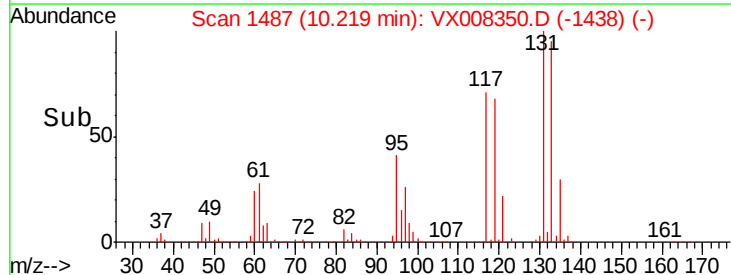
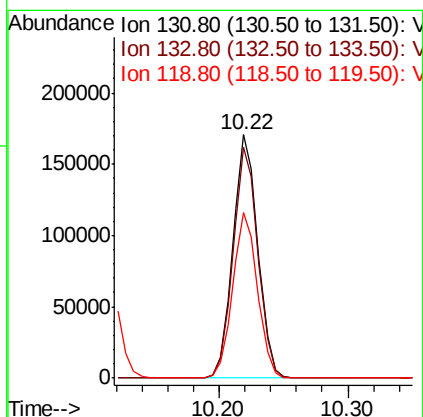
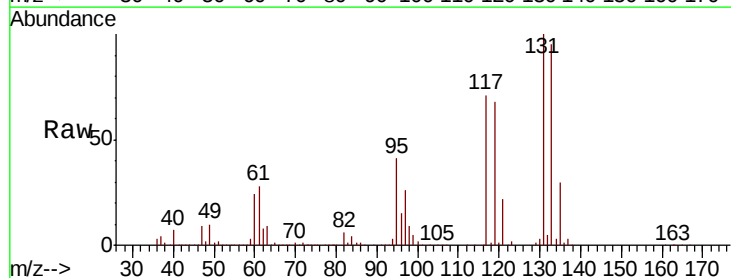
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

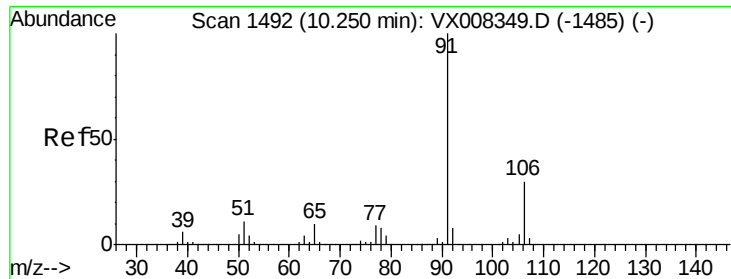
Tgt Ion:112 Resp: 637183
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 85.546 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:131 Resp: 229582
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.3
119 67.7 32.5 97.5

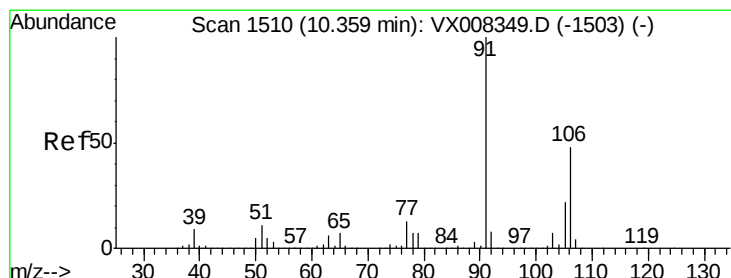
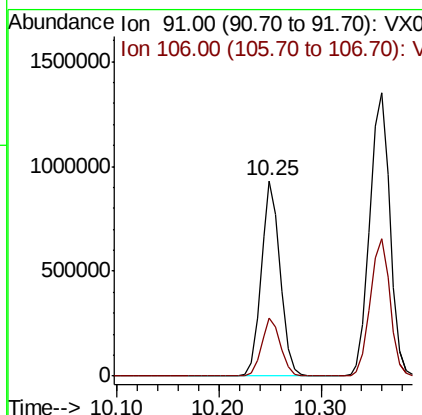
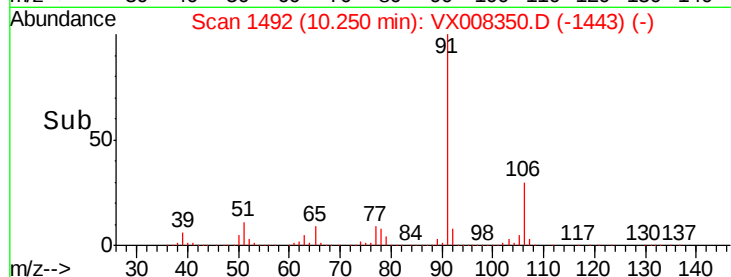
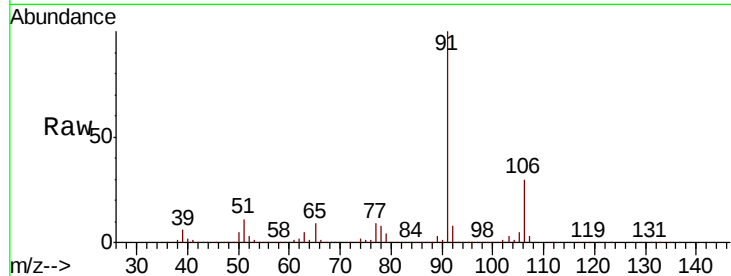




#67
Ethyl Benzene
Concen: 89.479 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

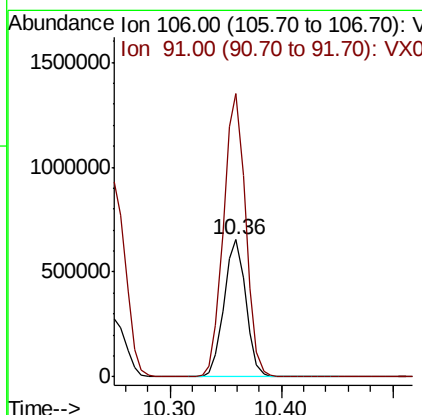
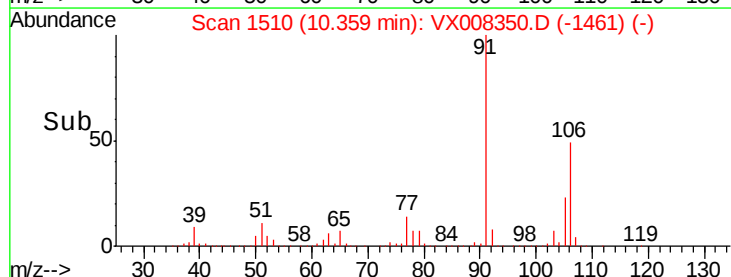
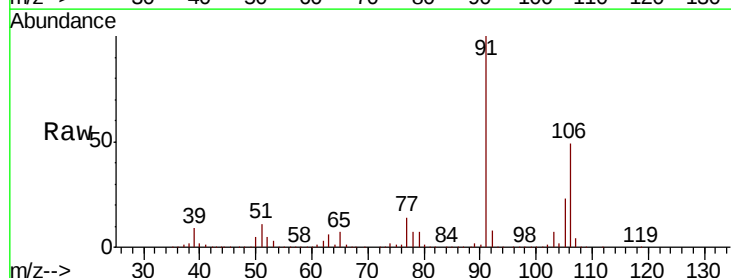
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

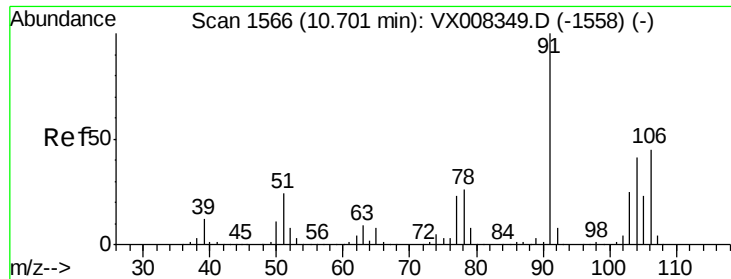
Tgt Ion: 91 Resp: 1213704
Ion Ratio Lower Upper
91 100
106 29.7 25.2 37.8



#68
m/p-Xylenes
Concen: 178.326 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 106 Resp: 888538
Ion Ratio Lower Upper
106 100
91 209.0 159.8 239.6

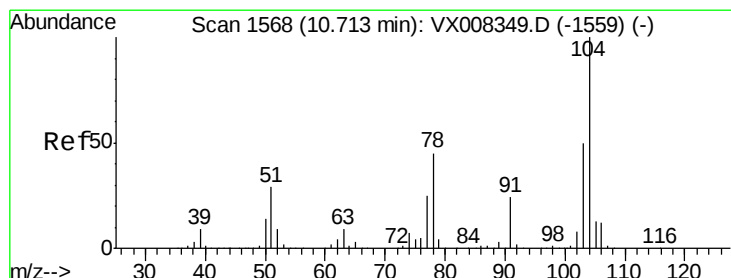
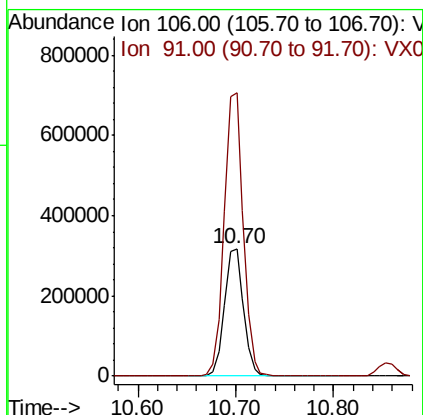
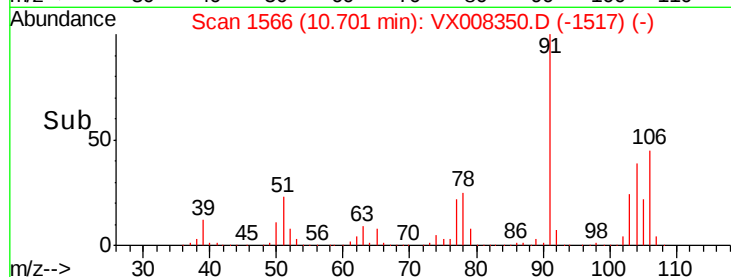
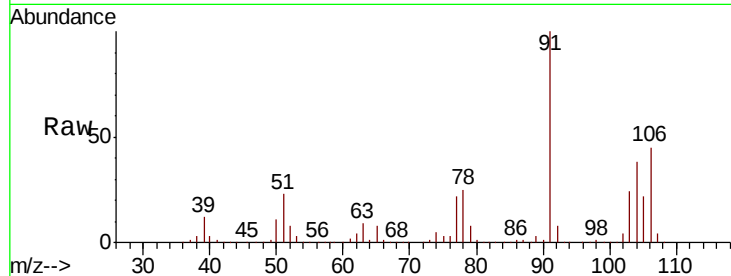




#69
o-Xylene
Concen: 88.803 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

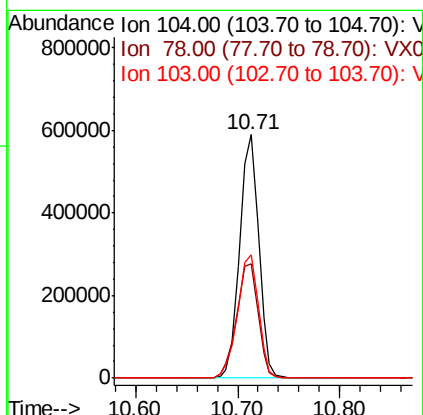
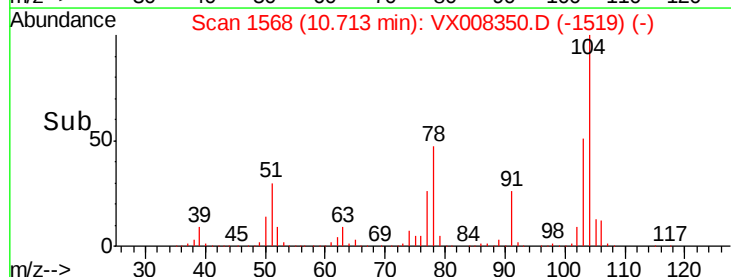
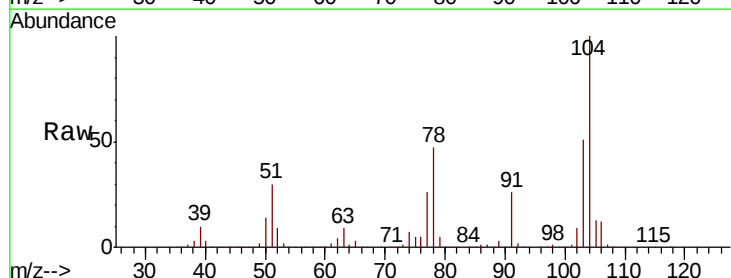
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

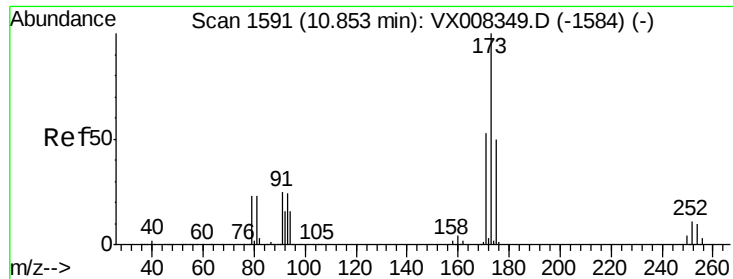
Tgt Ion:106 Resp: 429956
Ion Ratio Lower Upper
106 100
91 221.6 106.3 318.9



#70
Styrene
Concen: 96.608 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:104 Resp: 760158
Ion Ratio Lower Upper
104 100
78 53.3 38.5 57.7
103 55.6 44.1 66.1

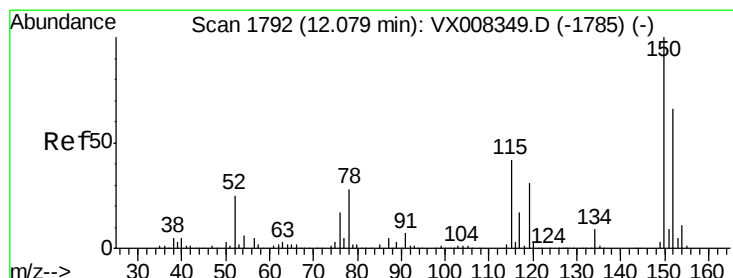
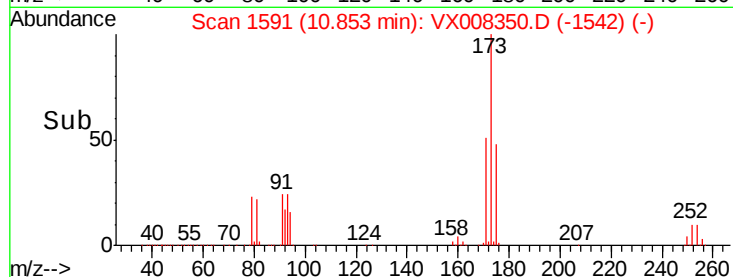
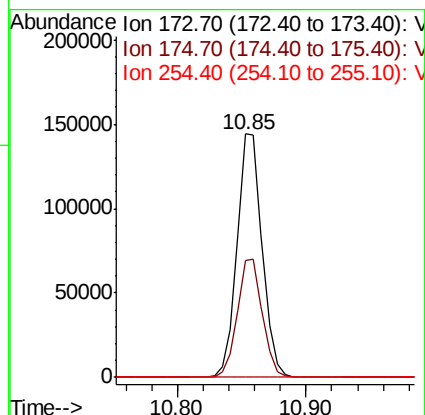
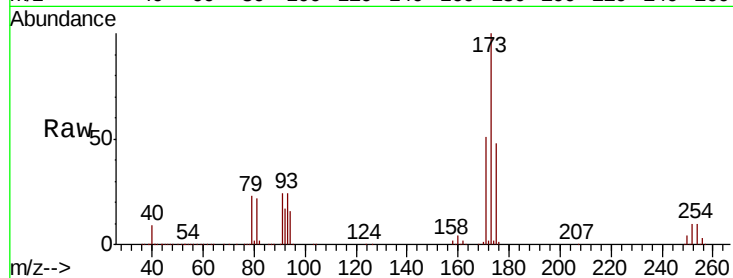




#71
Bromoform
Concen: 95.382 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

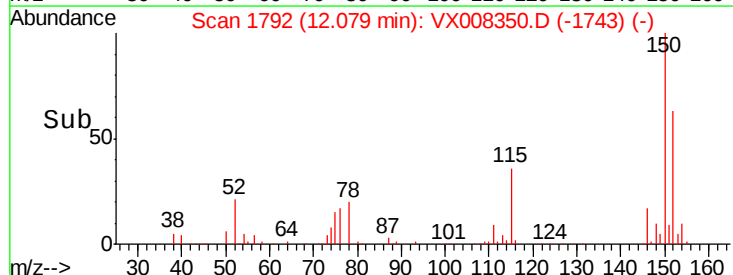
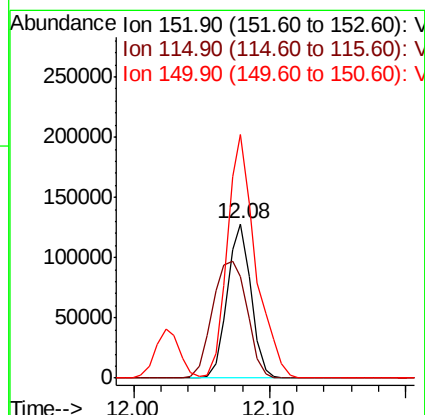
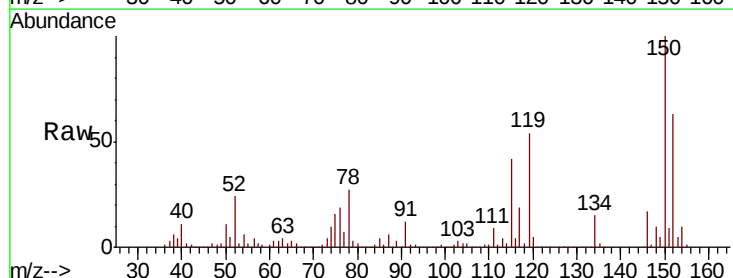
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

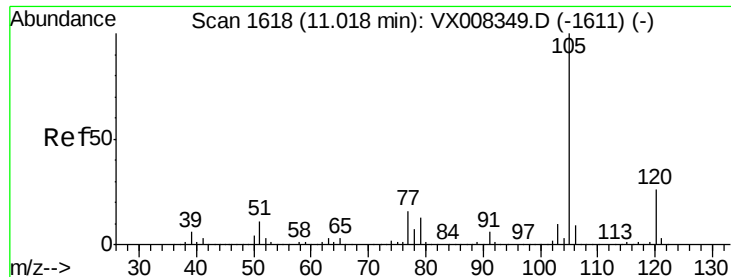
Tgt Ion:173 Resp: 194716
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.9
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion:152 Resp: 153772
Ion Ratio Lower Upper
152 100
115 110.8 38.6 115.7
150 188.7 0.0 348.4





#73

Isopropylbenzene

Concen: 82.073 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

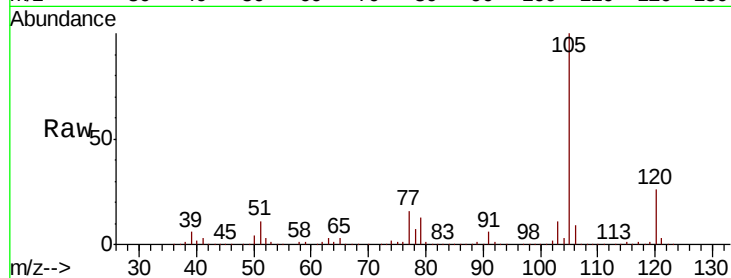
VSTDIC100

Tgt Ion: 105 Resp: 1124940

Ion Ratio Lower Upper

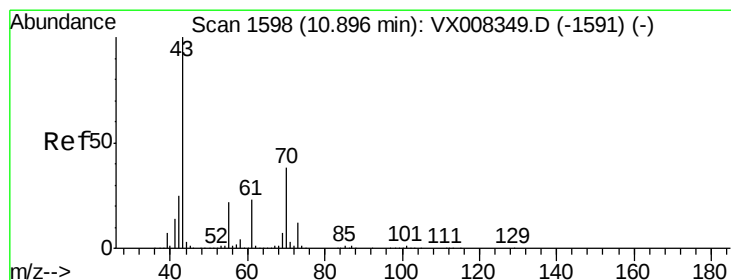
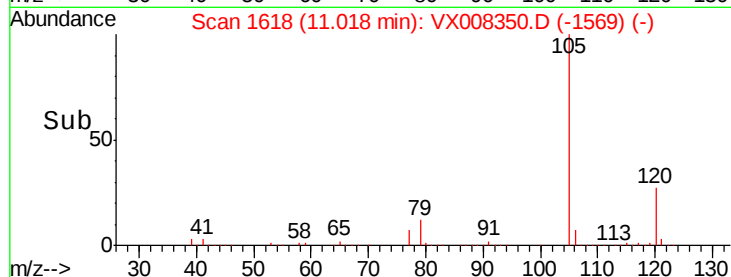
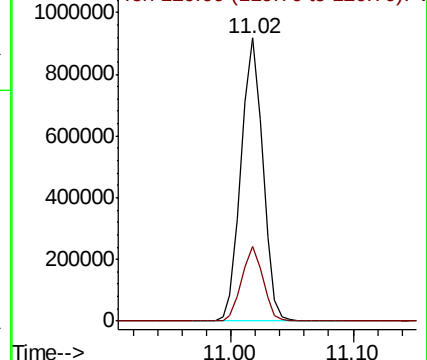
105 100

120 25.9 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: 99.394 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Tgt Ion: 43 Resp: 713776

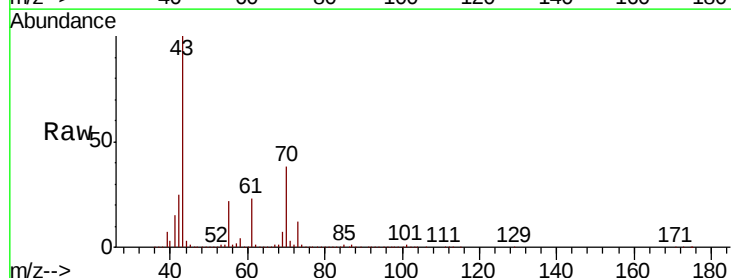
Ion Ratio Lower Upper

43 100

70 38.2 33.5 50.3

55 22.3 19.2 28.8

61 23.2 19.0 28.6

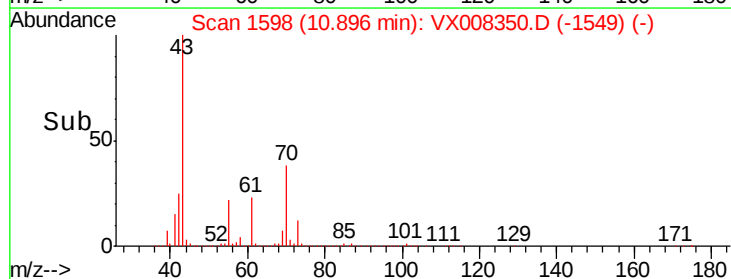
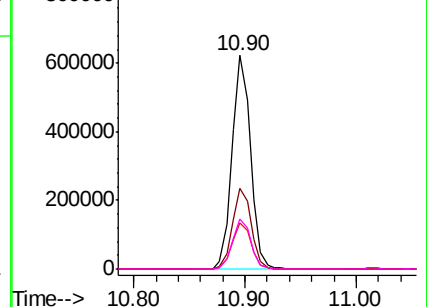


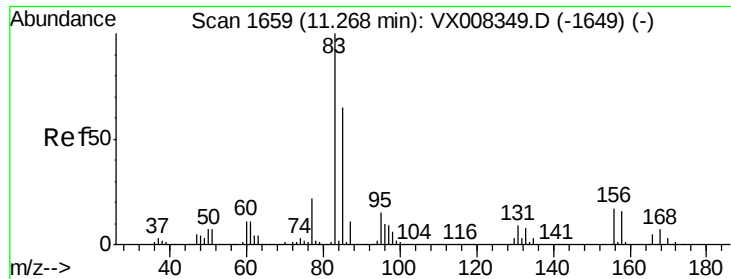
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 90.296 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

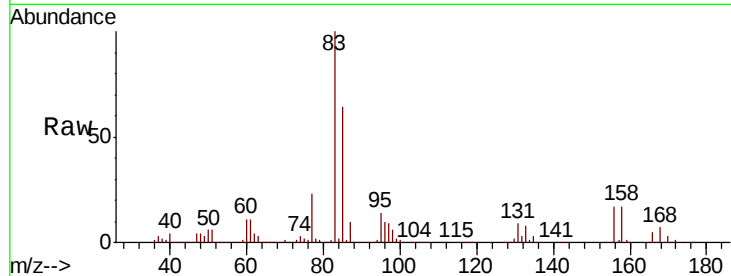
Tgt Ion: 83 Resp: 443793

Ion Ratio Lower Upper

83 100

131 8.9 5.4 16.2

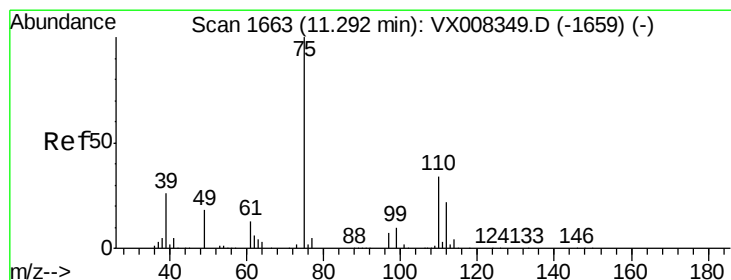
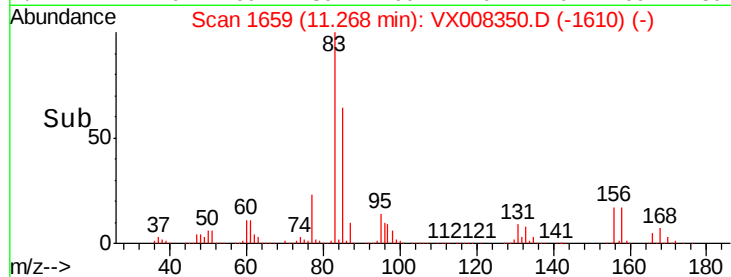
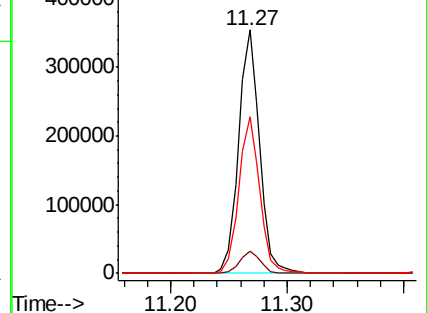
85 64.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 120.971 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX008350.D

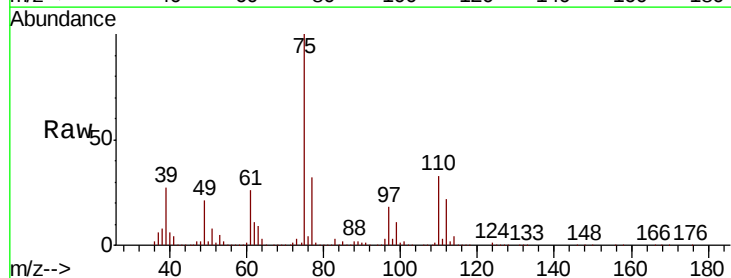
Acq: 23 Mar 2019 14:42

Tgt Ion: 75 Resp: 523199

Ion Ratio Lower Upper

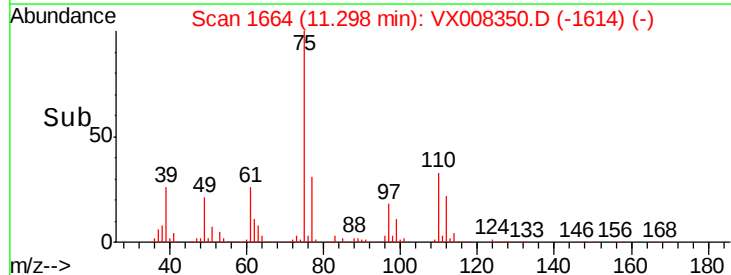
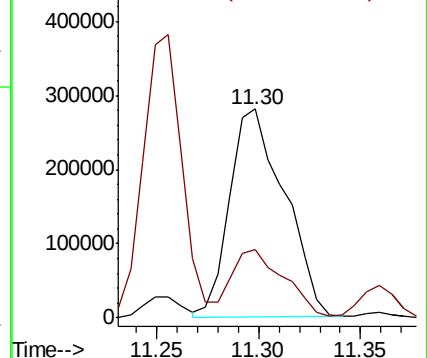
75 100

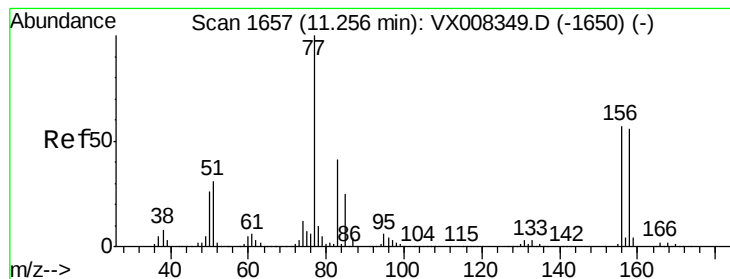
77 30.8 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 82.190 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

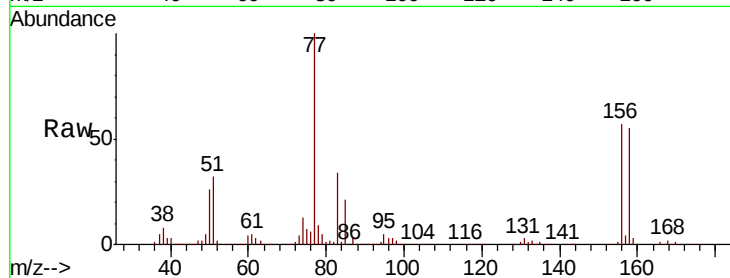
Tgt Ion:156 Resp: 272379

Ion Ratio Lower Upper

156 100

77 183.5 72.0 215.9

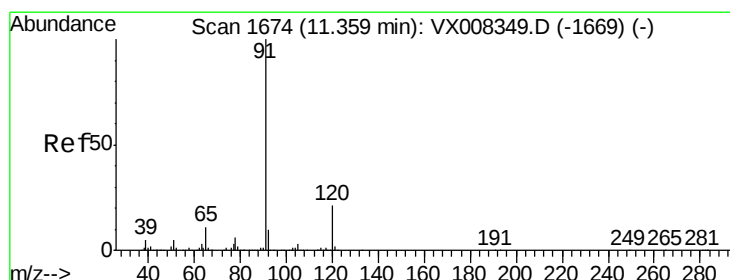
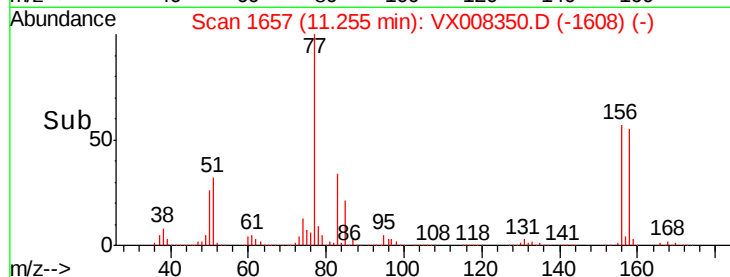
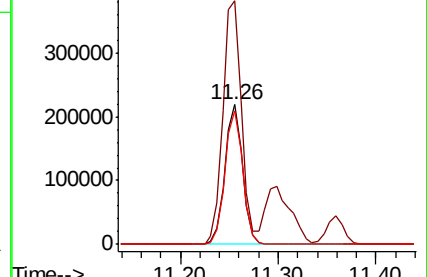
158 96.4 48.6 145.9



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: 84.862 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008350.D

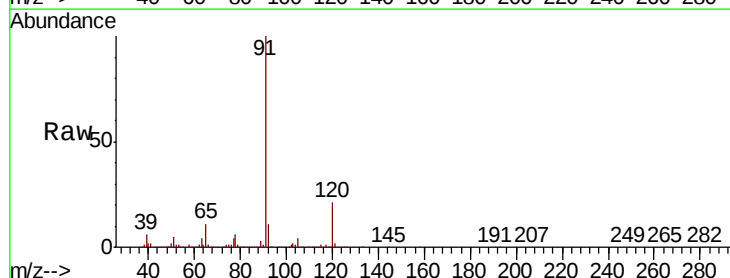
Acq: 23 Mar 2019 14:42

Tgt Ion: 91 Resp: 1350963

Ion Ratio Lower Upper

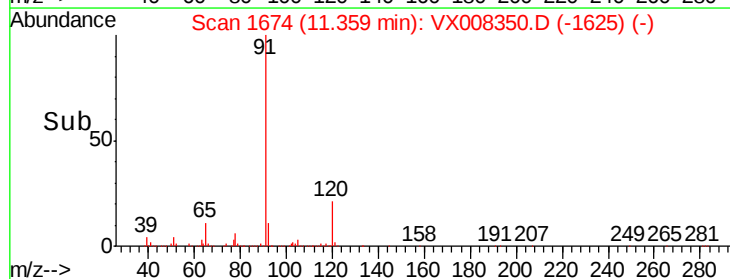
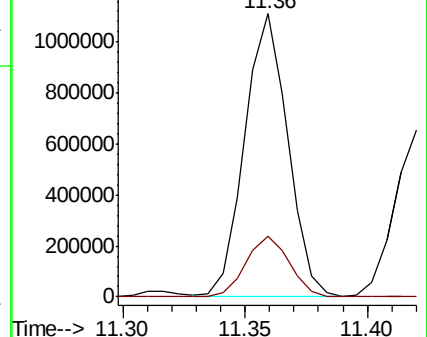
91 100

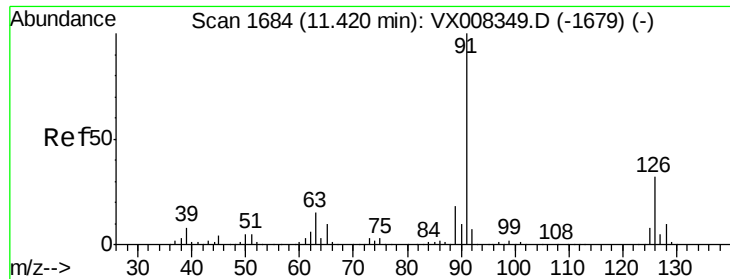
120 21.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

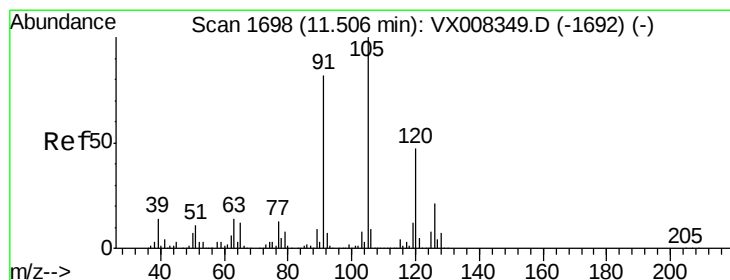
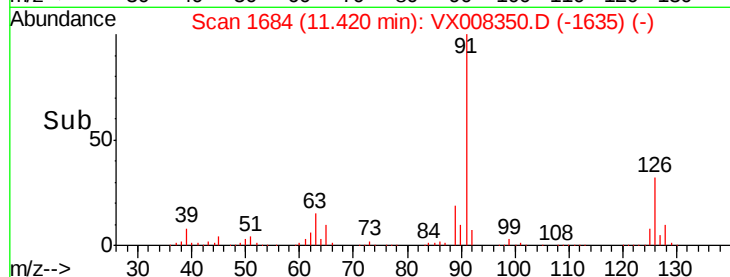
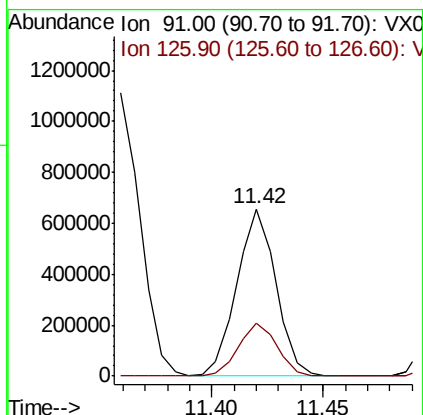
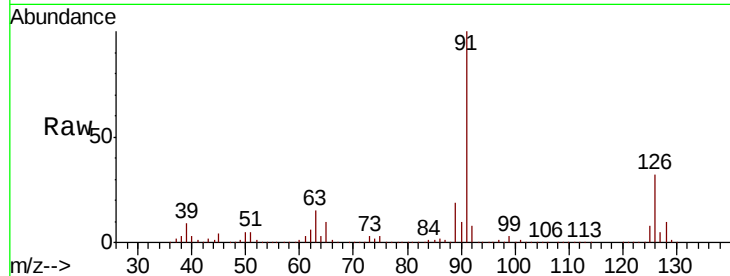




#79
 2-Chlorotoluene
 Concen: 83.774 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

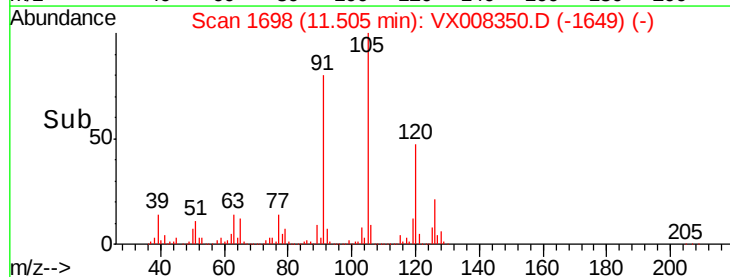
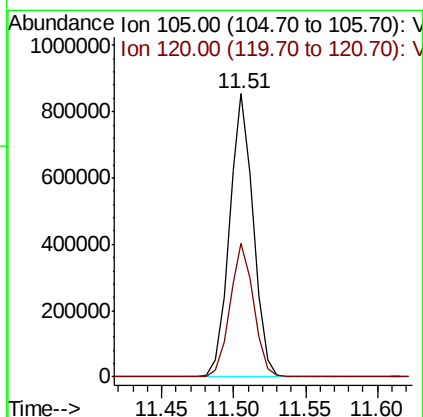
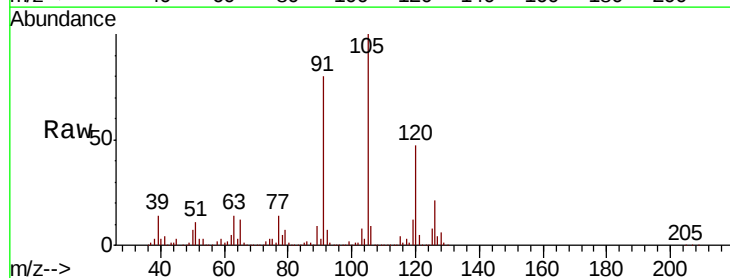
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

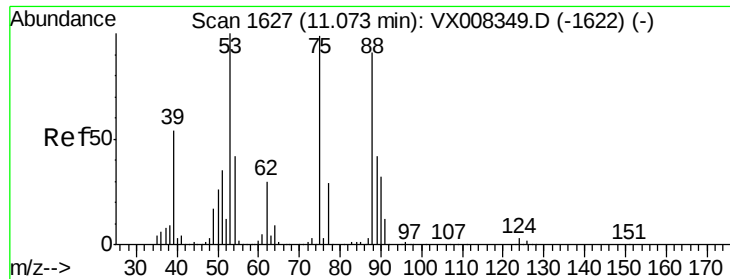
Tgt Ion: 91 Resp: 800464
 Ion Ratio Lower Upper
 91 100
 126 31.7 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 87.118 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Tgt Ion: 105 Resp: 986500
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 104.460 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

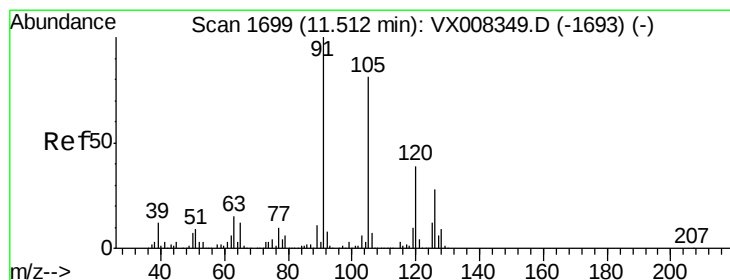
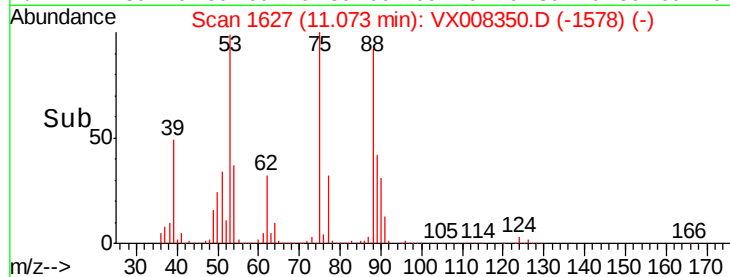
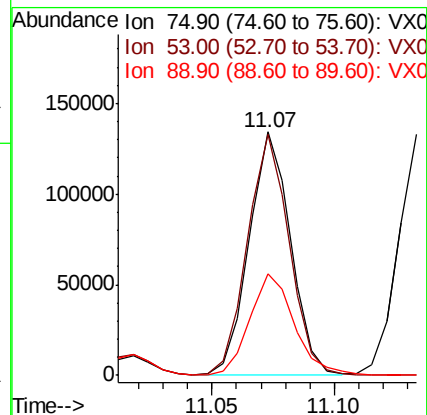
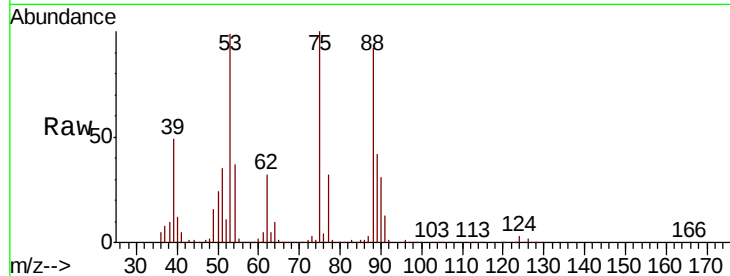
Tgt Ion: 75 Resp: 157951

Ion Ratio Lower Upper

75 100

53 100.0 76.1 114.1

89 45.1 36.3 54.5



#82

4-Chlorotoluene

Concen: 85.420 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008350.D

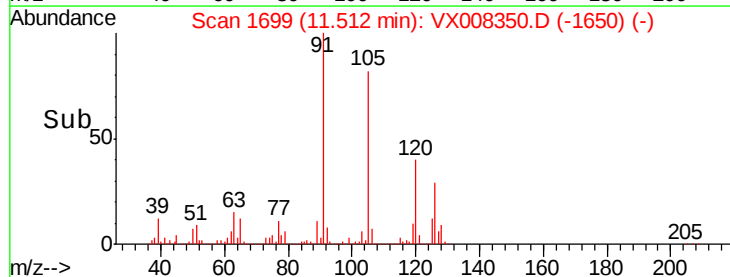
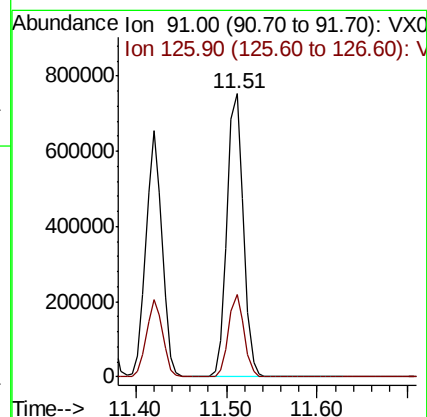
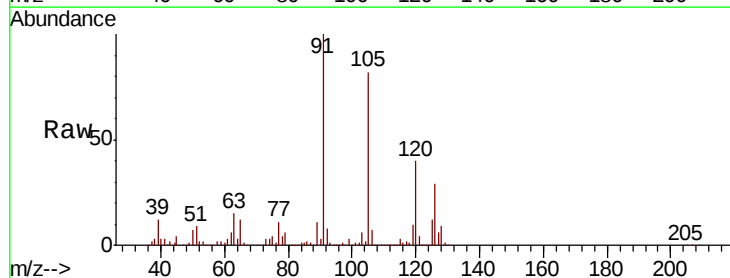
Acq: 23 Mar 2019 14:42

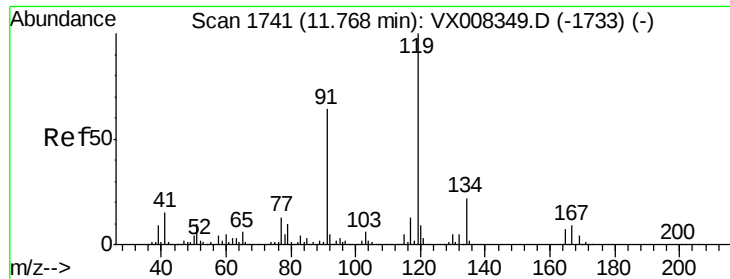
Tgt Ion: 91 Resp: 949770

Ion Ratio Lower Upper

91 100

126 27.8 15.6 46.8

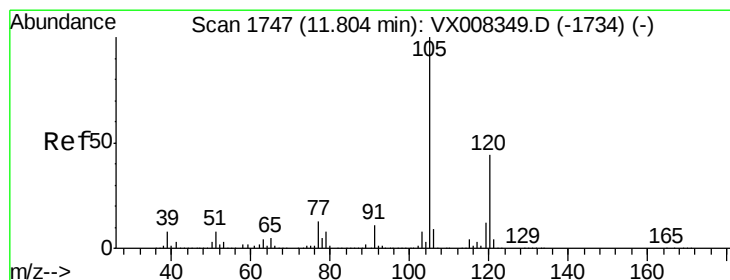
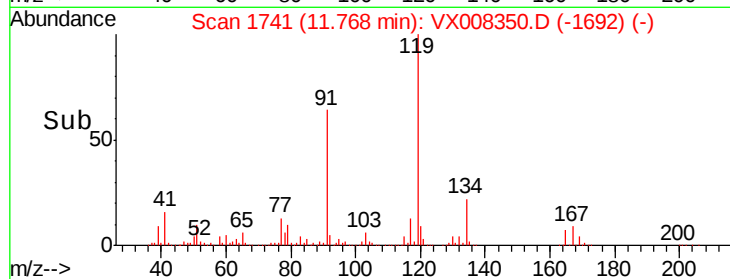
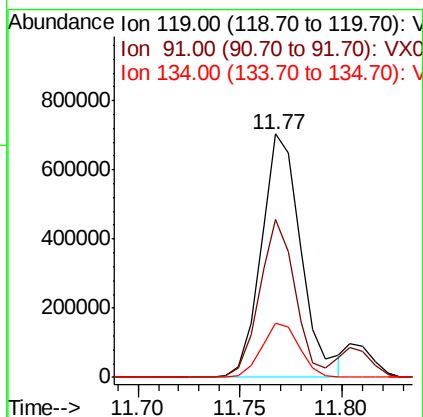
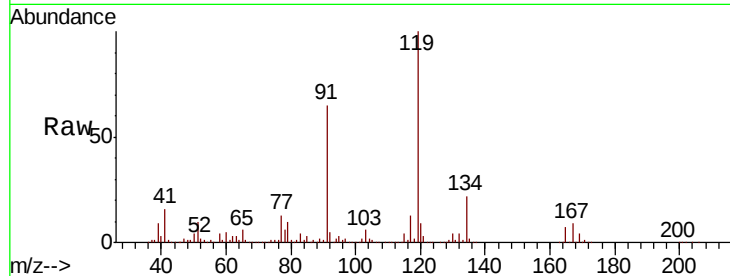




#83
 tert-Butylbenzene
 Concen: 88.210 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

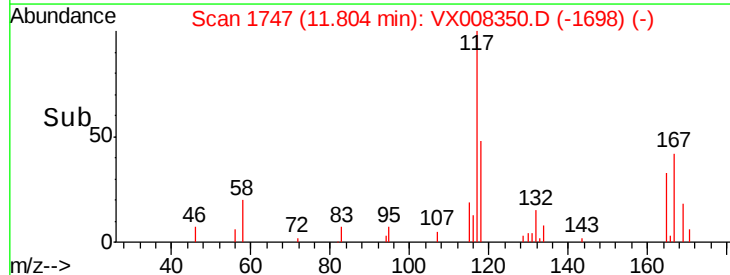
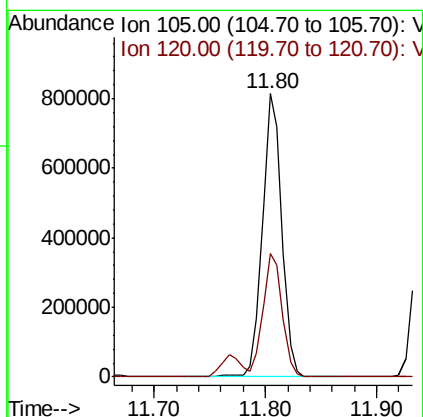
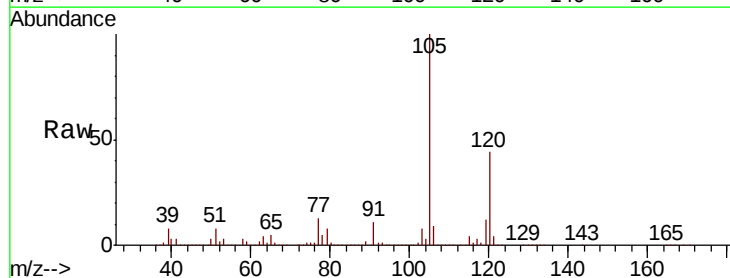
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

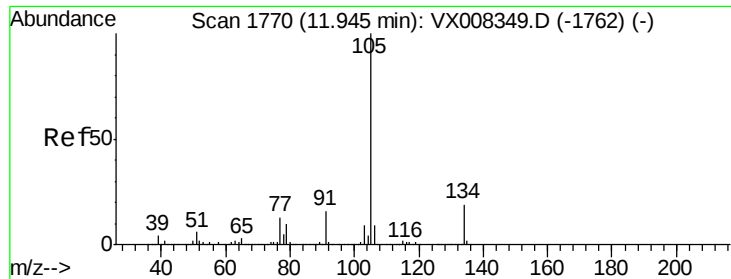
Tgt Ion:119 Resp: 953656
 Ion Ratio Lower Upper
 119 100
 91 58.2 27.1 81.3
 134 21.2 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 86.448 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Tgt Ion:105 Resp: 992407
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 83.886 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

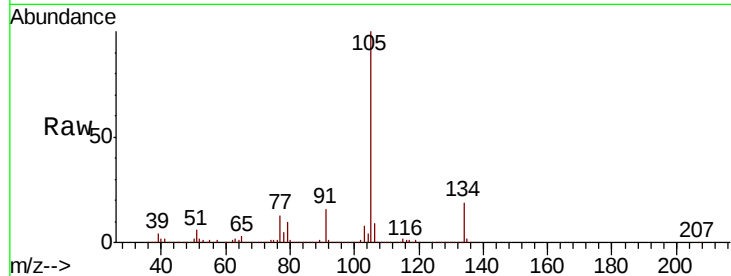
VSTDIC100

Tgt Ion:105 Resp: 1123097

Ion Ratio Lower Upper

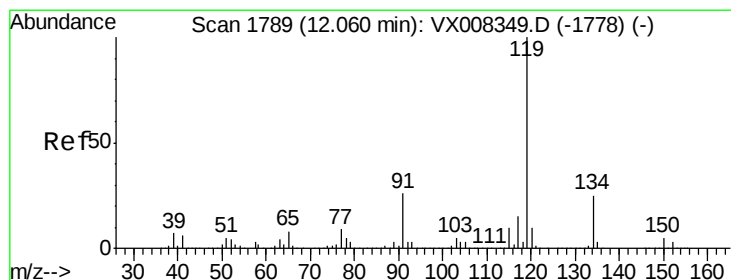
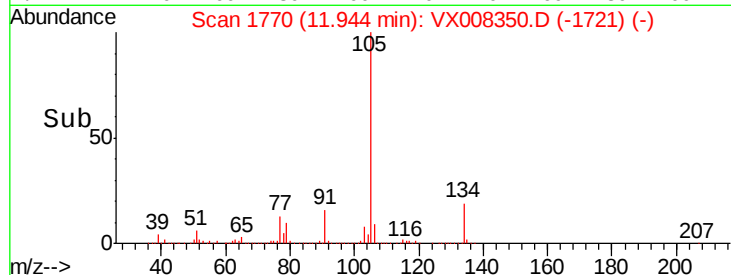
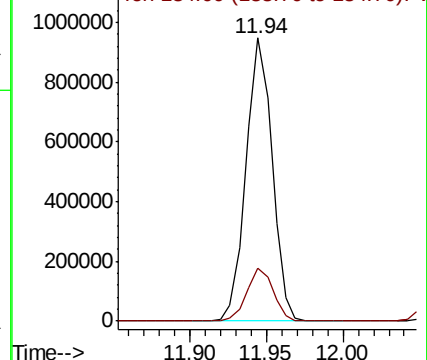
105 100

134 18.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 88.313 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

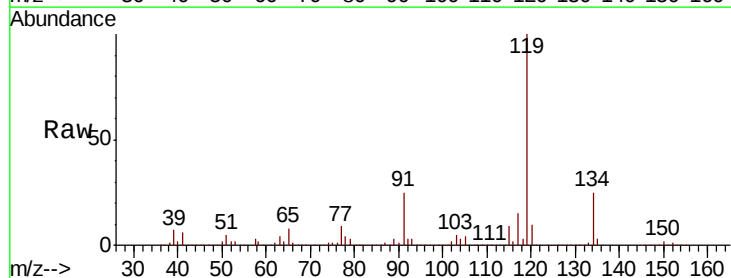
Tgt Ion:119 Resp: 1023452

Ion Ratio Lower Upper

119 100

134 25.4 13.3 39.9

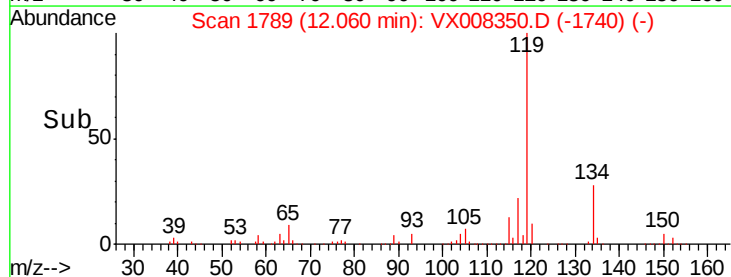
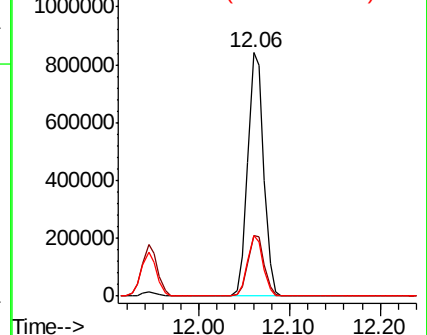
91 24.5 10.9 32.7

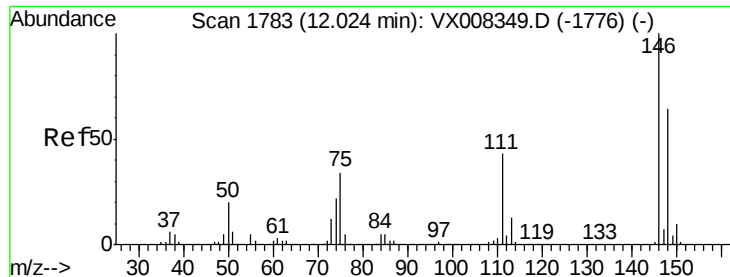


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

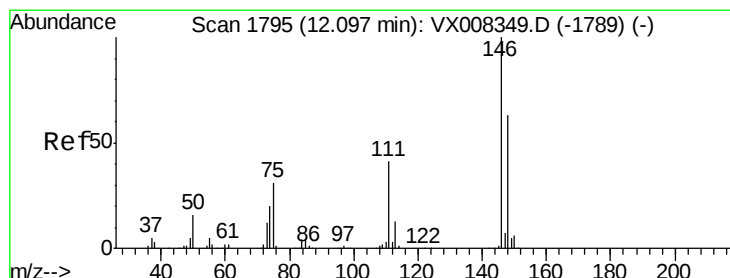
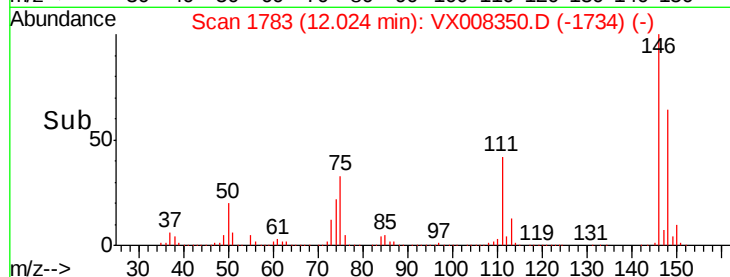
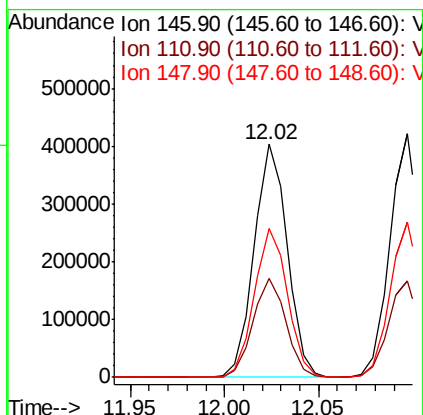
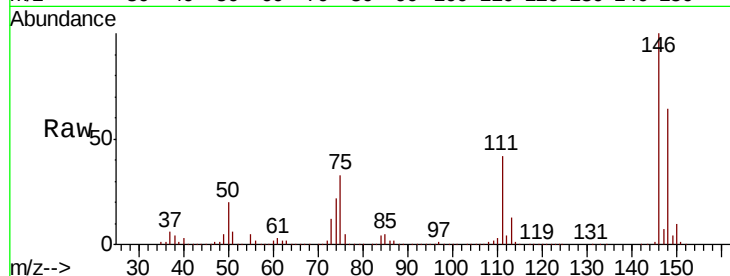




#87
 1,3-Dichlorobenzene
 Concen: 82.880 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

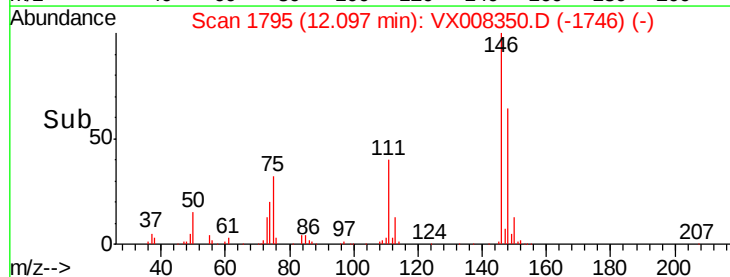
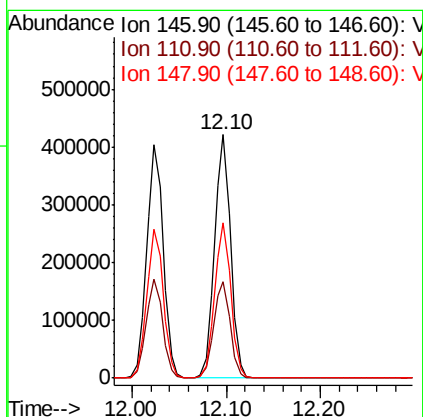
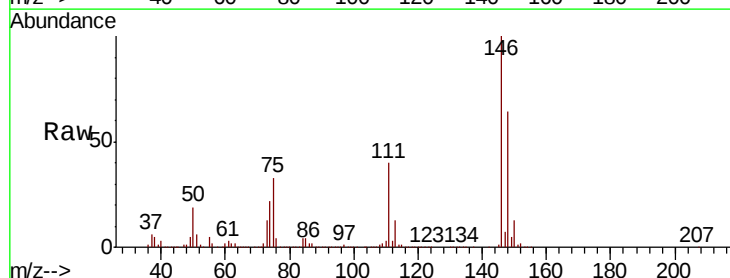
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

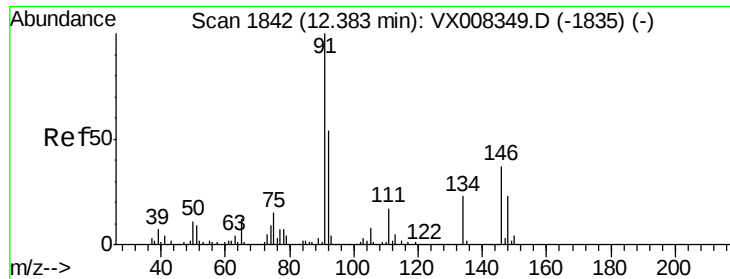
Tgt Ion:146 Resp: 490862
 Ion Ratio Lower Upper
 146 100
 111 42.3 18.9 56.7
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 80.825 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Tgt Ion:146 Resp: 495144
 Ion Ratio Lower Upper
 146 100
 111 40.7 18.4 55.0
 148 63.9 32.2 96.6

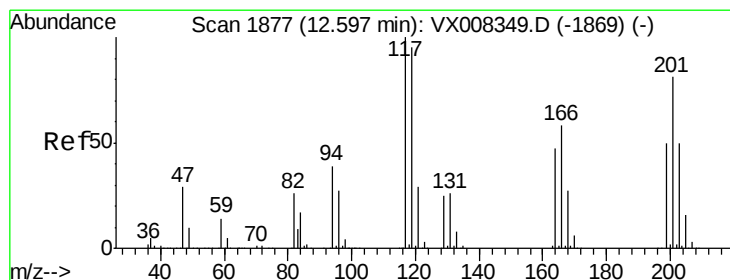
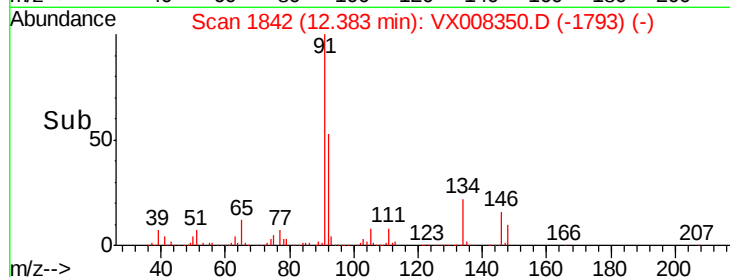
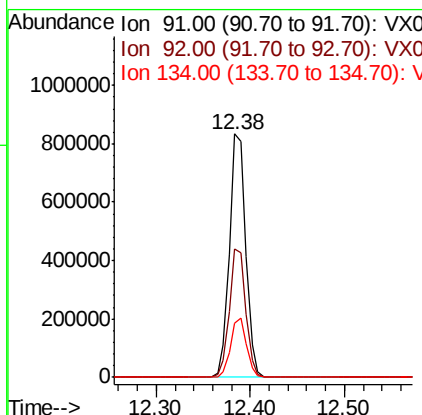
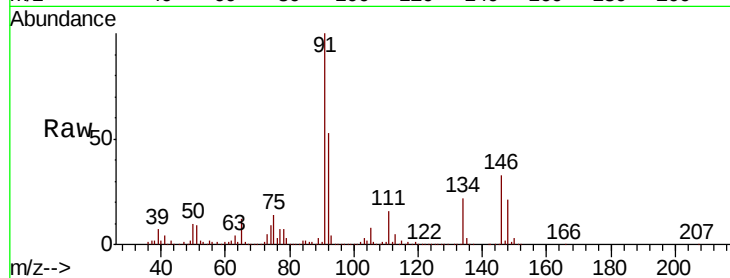




#89
n-Butylbenzene
Concen: 92.216 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

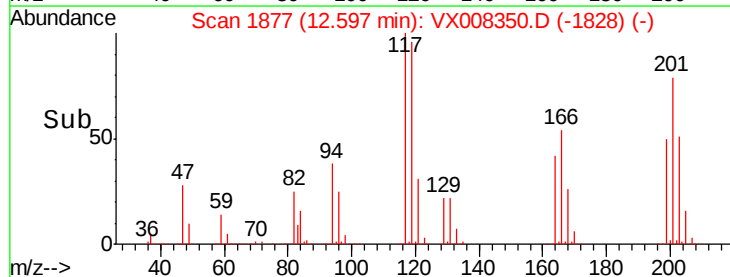
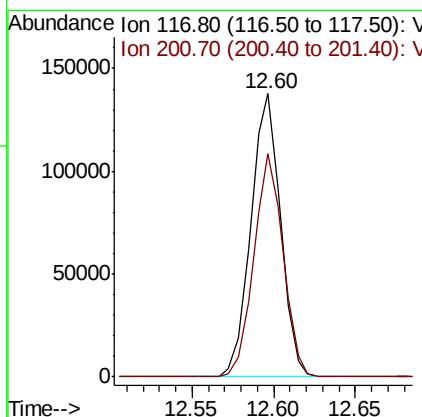
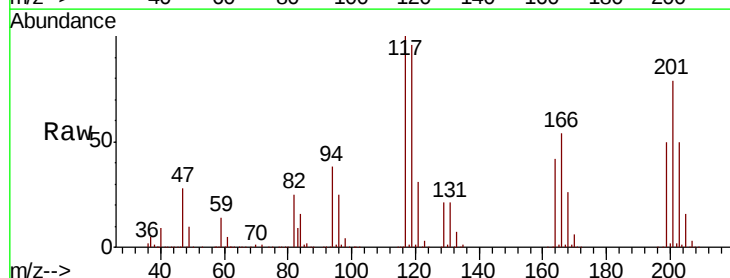
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

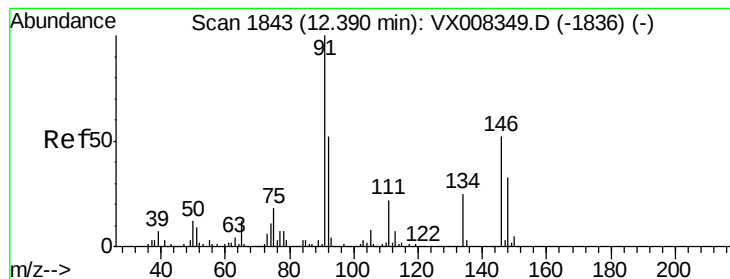
Tgt Ion: 91 Resp: 1003037
Ion Ratio Lower Upper
91 100
92 53.0 27.0 80.8
134 23.7 13.7 41.0



#90
Hexachloroethane
Concen: 88.408 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008350.D
Acq: 23 Mar 2019 14:42

Tgt Ion: 117 Resp: 174492
Ion Ratio Lower Upper
117 100
201 77.5 48.9 146.7





#91

1,2-Dichlorobenzene

Concen: 82.731 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

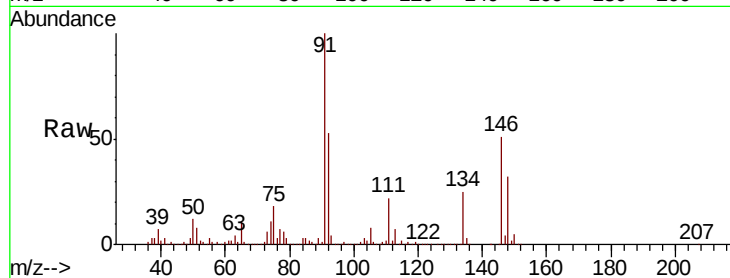
Tgt Ion:146 Resp: 494043

Ion Ratio Lower Upper

146 100

111 43.3 19.6 58.8

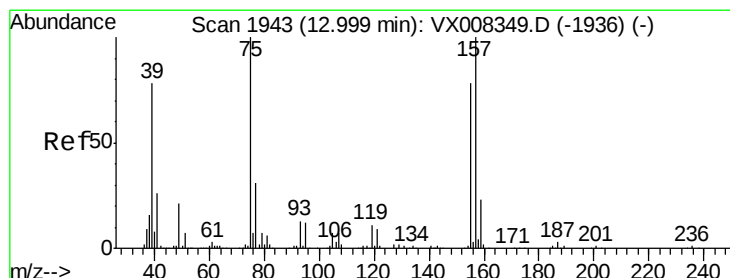
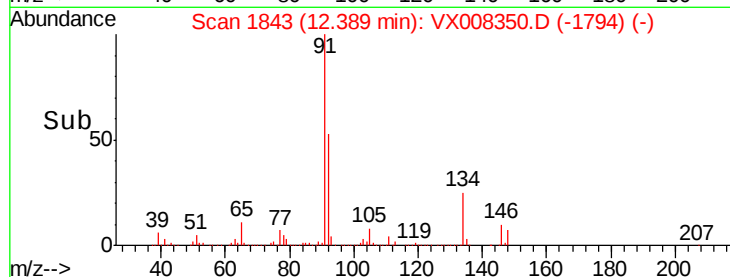
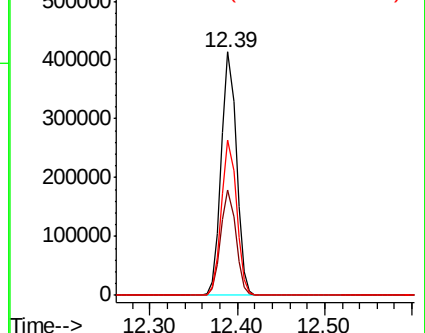
148 63.7 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 92.706 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

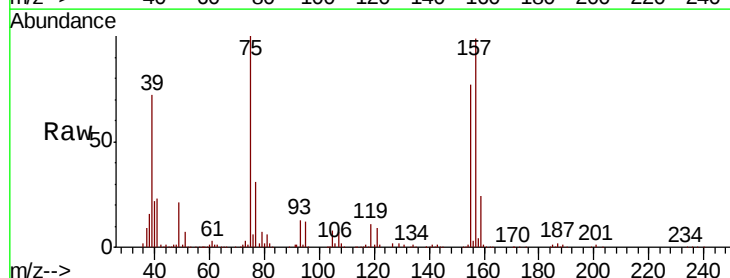
Tgt Ion: 75 Resp: 101201

Ion Ratio Lower Upper

75 100

155 78.3 49.7 149.1

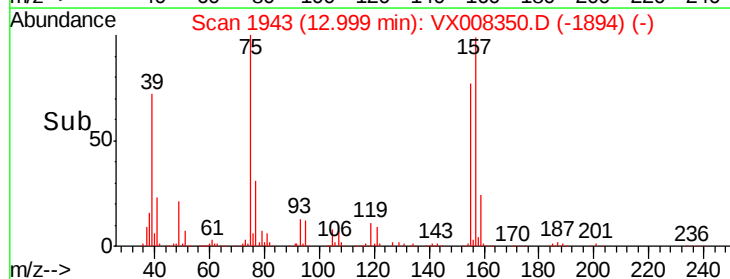
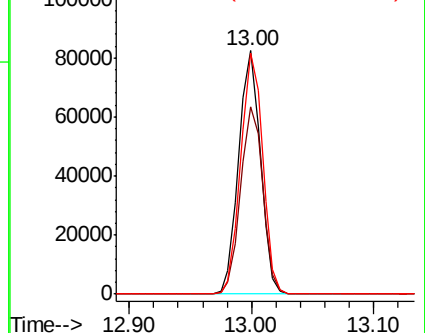
157 99.6 63.8 191.4

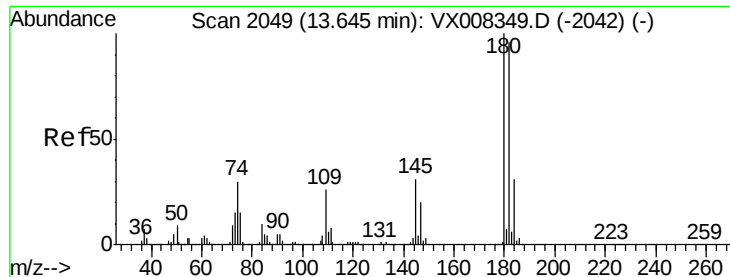


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

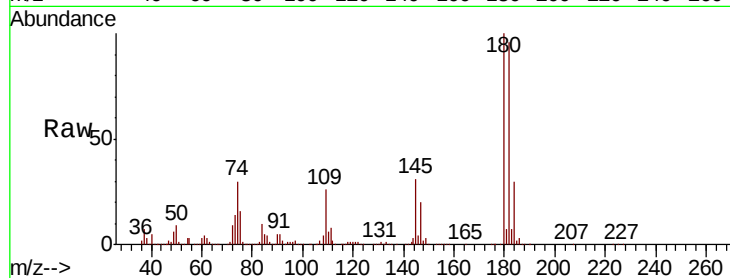




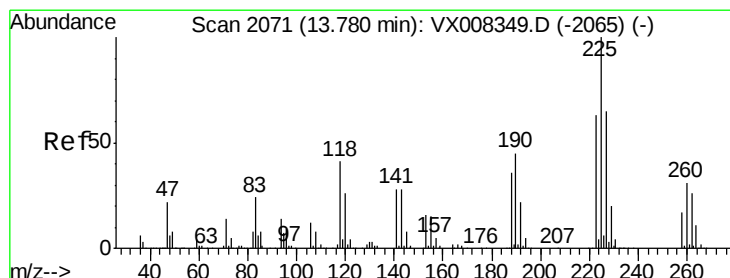
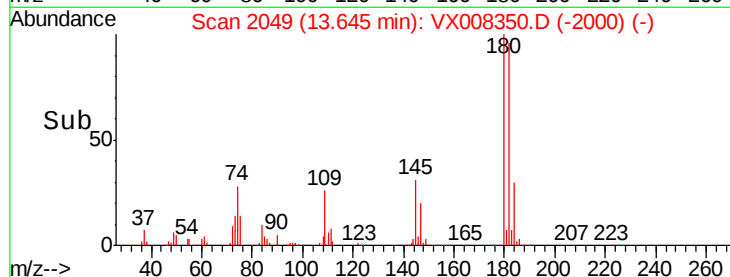
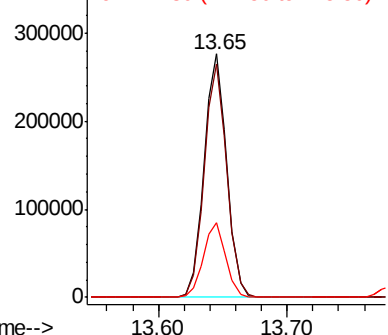
#93
 1,2,4-Trichlorobenzene
 Concen: 85.976 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:180 Resp: 338184
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.9 143.7
 145 30.5 14.1 42.4

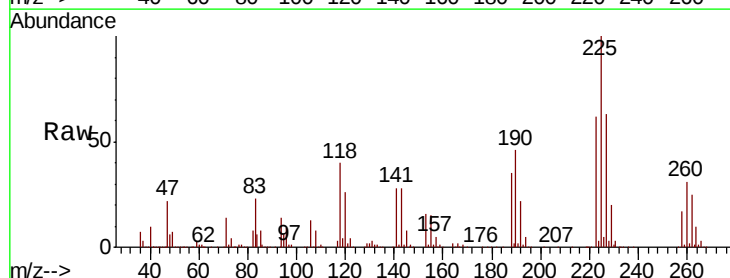


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

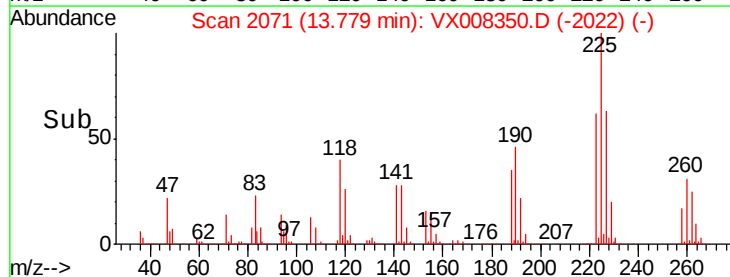
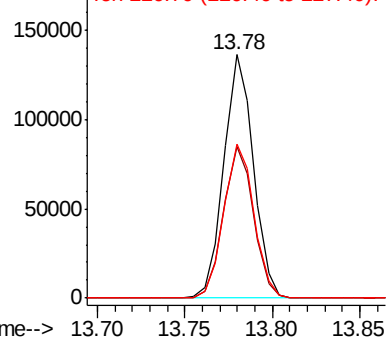


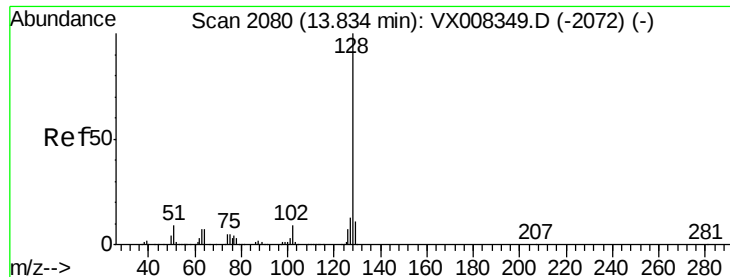
#94
 Hexachlorobutadiene
 Concen: 83.387 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008350.D
 Acq: 23 Mar 2019 14:42

Tgt Ion:225 Resp: 159968
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.2
 227 64.6 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: 94.289 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

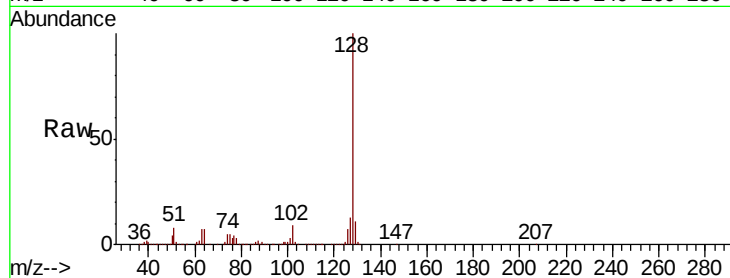
Tgt Ion:128 Resp: 1170577

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.7 13.1

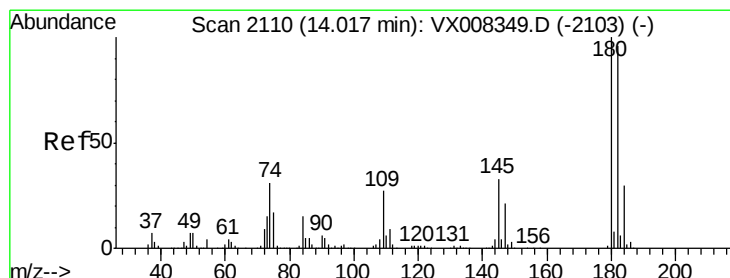
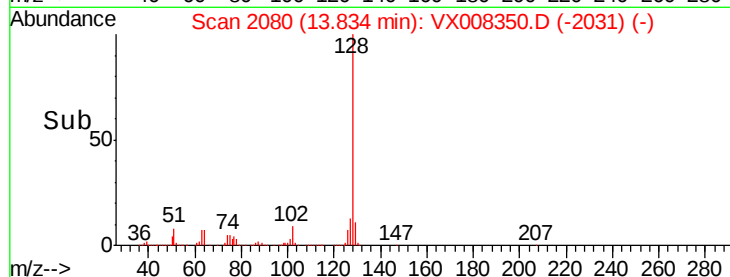
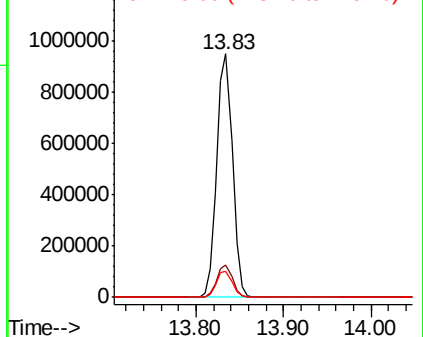


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 86.835 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008350.D

Acq: 23 Mar 2019 14:42

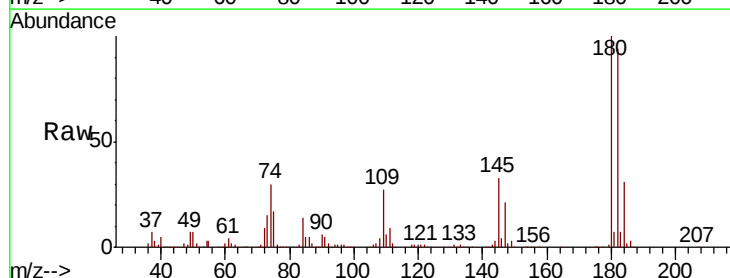
Tgt Ion:180 Resp: 336088

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 32.6 14.8 44.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

