

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040819\
 Data File : VX008758.D
 Acq On : 08 Apr 2019 20:20
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 09 09:23:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	168170	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289505	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	249332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113392	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	122971	50.13	ug/l	0.00
Spiked Amount			Recovery	=	100.26%	
35) Dibromofluoromethane	5.50	113	90751	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.71	98	350470	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.13	95	122002	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	81987	42.353	ug/l	99
3) Chloromethane	1.32	50	110321	46.380	ug/l	100
4) Vinyl Chloride	1.40	62	115605	44.178	ug/l	99
5) Bromomethane	1.64	94	57016	44.448	ug/l	98
6) Chloroethane	1.71	64	69032	48.194	ug/l	97
7) Trichlorofluoromethane	1.92	101	133973	46.315	ug/l	98
8) Diethyl Ether	2.19	74	65689	47.886	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	81166	43.581	ug/l	96
10) Methyl Iodide	2.50	142	84000	49.561	ug/l	99
11) Tert butyl alcohol	3.07	59	161536	281.302	ug/l	99
12) 1,1-Dichloroethene	2.37	96	85221	43.834	ug/l	98
13) Acrolein	2.29	56	96656	339.453	ug/l	100
14) Allyl chloride	2.72	41	211886	47.607	ug/l	98
15) Acrylonitrile	3.15	53	392335	257.899	ug/l	100
16) Acetone	2.45	43	313708	222.051	ug/l	100
17) Carbon Disulfide	2.56	76	247003	43.905	ug/l	99
18) Methyl Acetate	2.78	43	183866	53.662	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	348752	50.230	ug/l	99
20) Methylene Chloride	2.85	84	106208	44.912	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	96384	45.833	ug/l	96
22) Diisopropyl ether	3.86	45	419095	48.855	ug/l	98
23) Vinyl Acetate	3.82	43	1886237	252.757	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206011	48.504	ug/l	99
25) 2-Butanone	4.68	43	594578	266.277	ug/l	99
26) 2,2-Dichloropropane	4.58	77	115659	38.663	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	113907	47.111	ug/l	97
28) Bromochloromethane	5.02	49	95703	54.196	ug/l	100
29) Tetrahydrofuran	5.13	42	397569	268.257	ug/l	100
30) Chloroform	5.21	83	185461	48.889	ug/l	98
31) Cyclohexane	5.58	56	192811	45.496	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	151647	49.469	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139330	44.028	ug/l	99
37) Ethyl Acetate	4.84	43	218670	51.768	ug/l	99
38) Carbon Tetrachloride	5.79	117	124481	47.526	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	169305	43.308	ug/l	98
40) Benzene	6.14	78	438825	46.547	ug/l	100
41) Methacrylonitrile	5.05	41	123202	50.742	ug/l	99
42) 1,2-Dichloroethane	6.20	62	158279	46.831	ug/l	100
43) Isopropyl Acetate	6.45	43	334188	50.505	ug/l	100
44) Trichloroethene	7.21	130	101064	46.027	ug/l	98
45) 1,2-Dichloropropane	7.52	63	125999	46.824	ug/l	99
46) Dibromomethane	7.66	93	71868	46.050	ug/l	99
47) Bromodichloromethane	7.90	83	142803	48.529	ug/l	99
48) Methyl methacrylate	7.77	41	165391	49.412	ug/l	99
49) 1,4-Dioxane	7.74	88	64194	1023.785	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1097553	257.666	ug/l	100
52) Toluene	8.79	92	257128	46.262	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	157954	47.919	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	178112	47.289	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106394	47.688	ug/l	99
56) Ethyl methacrylate	9.18	69	197738	48.985	ug/l	100
57) 1,3-Dichloropropane	9.37	76	190565	47.567	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	525315	254.857	ug/l	99
59) 2-Hexanone	9.49	43	842566	254.526	ug/l	100
60) Dibromochloromethane	9.59	129	104526	49.718	ug/l	100
61) 1,2-Dibromoethane	9.67	107	111100	47.834	ug/l	99
64) Tetrachloroethene	9.34	164	87959	47.615	ug/l	99
65) Chlorobenzene	10.14	112	259051	46.871	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	97102	50.080	ug/l	99
67) Ethyl Benzene	10.25	91	483150	46.881	ug/l	100
68) m/p-Xylenes	10.36	106	344334	92.925	ug/l	99
69) o-Xylene	10.70	106	169459	47.189	ug/l	98
70) Styrene	10.71	104	296079	47.831	ug/l	99
71) Bromoform	10.86	173	76890	51.922	ug/l #	98
73) Isopropylbenzene	11.02	105	448841	47.764	ug/l	100
74) N-amyl acetate	10.90	43	277217	50.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	174133	48.724	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	205077	65.836	ug/l	81
77) Bromobenzene	11.26	156	107700	47.674	ug/l	99
78) n-propylbenzene	11.36	91	515573	47.120	ug/l	100
79) 2-Chlorotoluene	11.42	91	307249	46.402	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	375864	47.649	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56123	49.665	ug/l	99
82) 4-Chlorotoluene	11.51	91	348630	45.486	ug/l	98
83) tert-Butylbenzene	11.77	119	364873	48.080	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	380463	47.634	ug/l	100
85) sec-Butylbenzene	11.94	105	427275	47.400	ug/l	99
86) p-Isopropyltoluene	12.06	119	383784	47.435	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	186933	46.222	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	184668	45.093	ug/l	99
89) n-Butylbenzene	12.39	91	352504	46.458	ug/l	100
90) Hexachloroethane	12.60	117	66243	49.364	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	186837	46.529	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41513	52.803	ug/l	99

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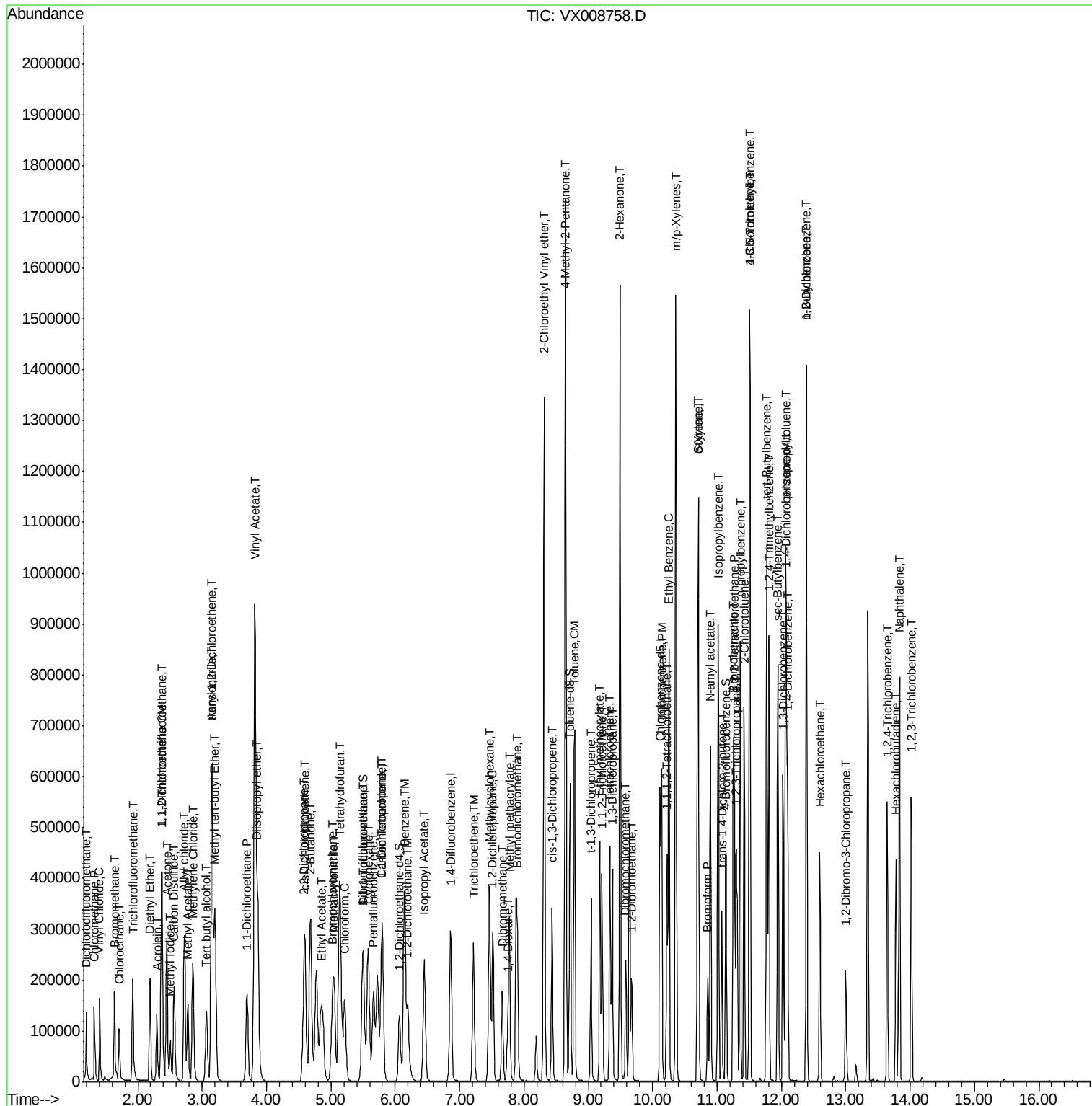
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

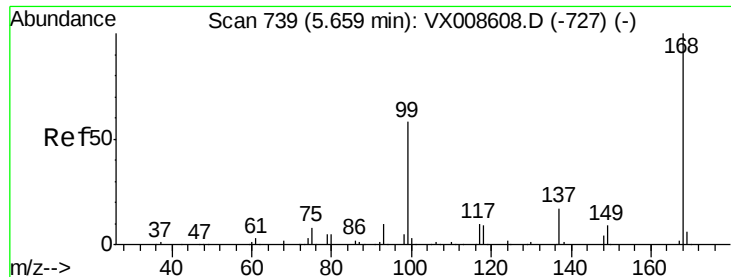
Quant Time: Apr 09 09:23:23 2019
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	129480	46.377	ug/l	99
94) Hexachlorobutadiene	13.78	225	63389	47.342	ug/l	100
95) Naphthalene	13.83	128	466540	49.998	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	131003	46.963	ug/l	99

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

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QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

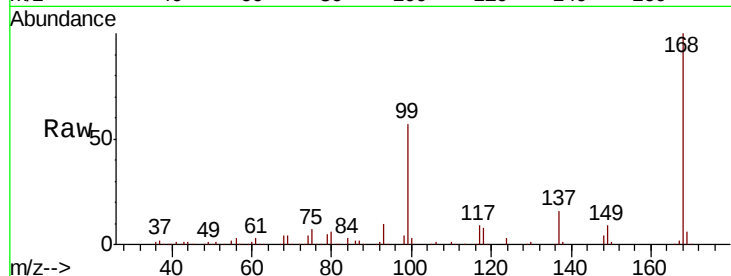
VSTDCCC050EC

Tot Ion:168 Resp: 168170

Ion Ratio Lower Upper

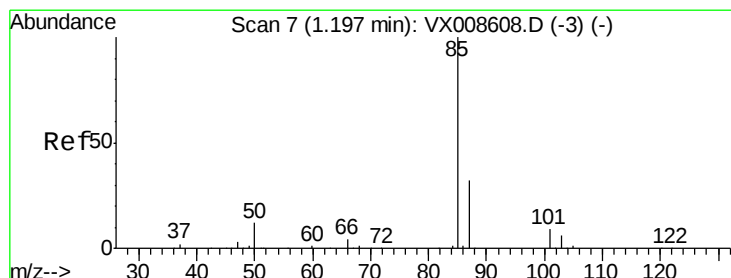
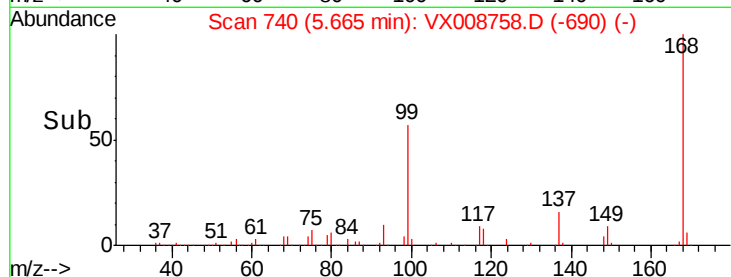
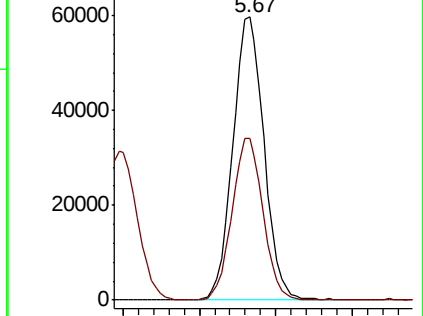
168 100

99 57.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.353 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX008758.D

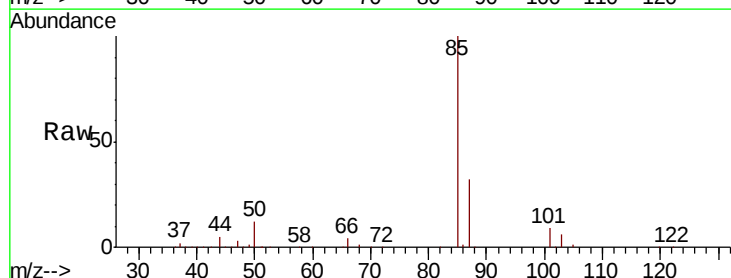
Acq: 08 Apr 2019 20:20

Tgt Ion: 85 Resp: 81987

Ion Ratio Lower Upper

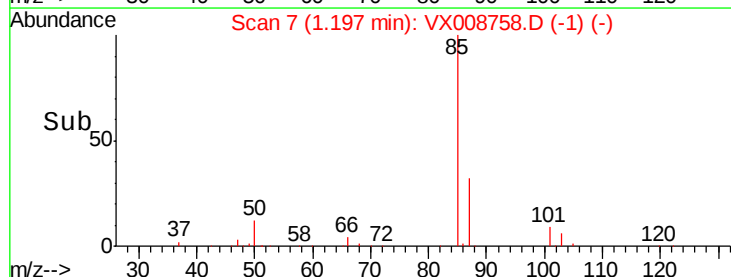
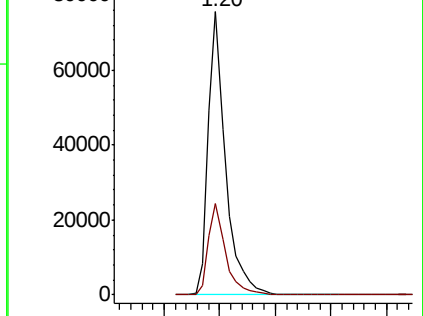
85 100

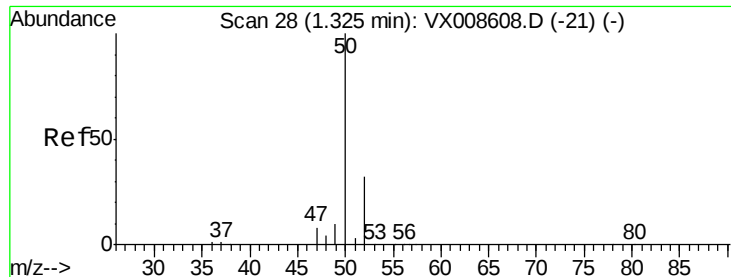
87 32.1 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.380 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

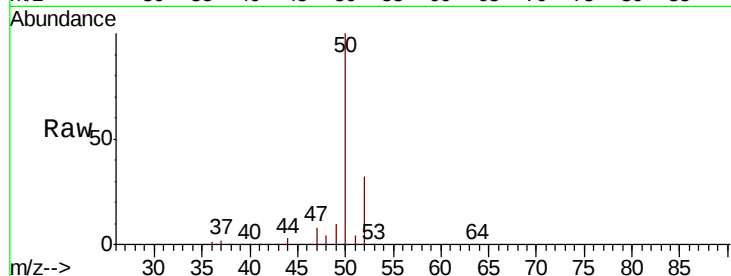
VSTDCCC050EC

Tot Ion: 50 Resp: 110321

Ion Ratio Lower Upper

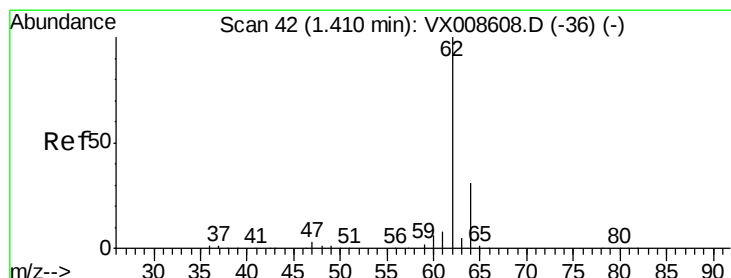
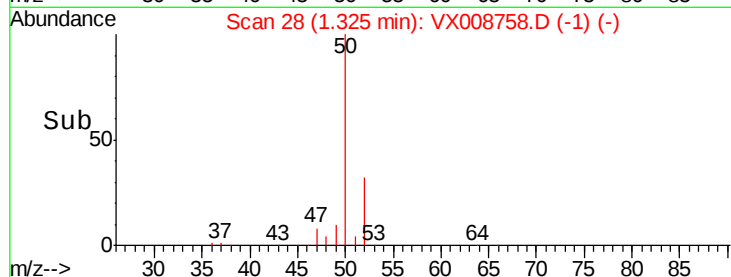
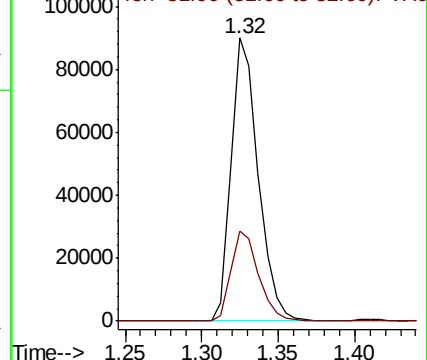
50 100

52 32.0 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.178 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX008758.D

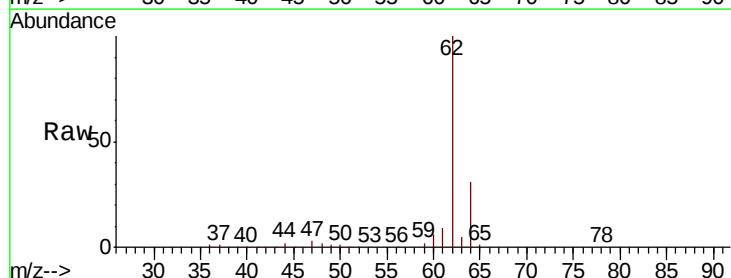
Acq: 08 Apr 2019 20:20

Tgt Ion: 62 Resp: 115605

Ion Ratio Lower Upper

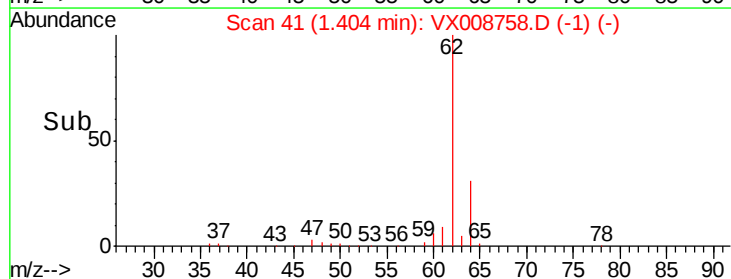
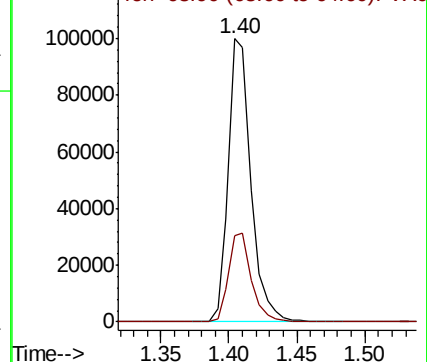
62 100

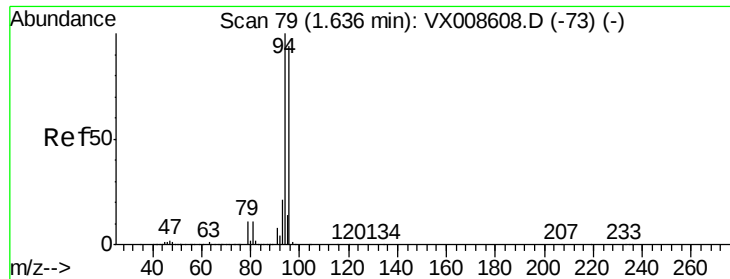
64 30.5 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.448 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

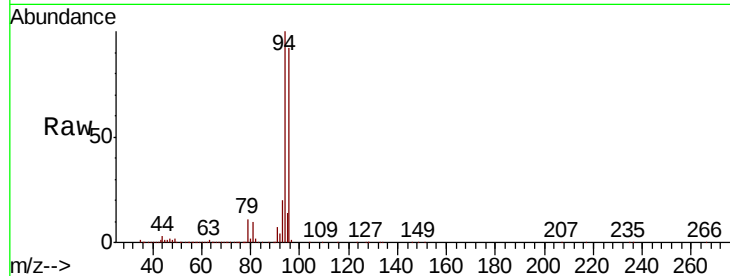
VSTDCCC050EC

Tot Ion: 94 Resp: 57016

Ion Ratio Lower Upper

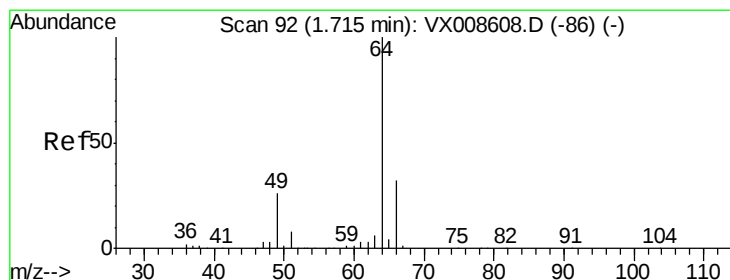
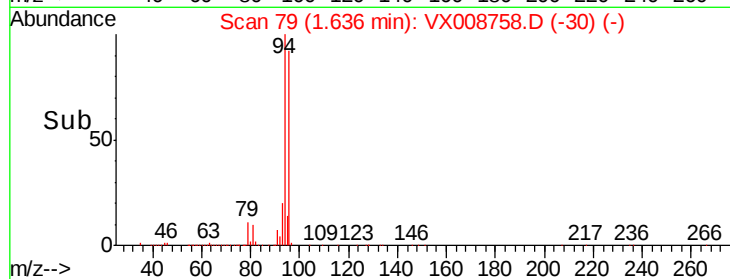
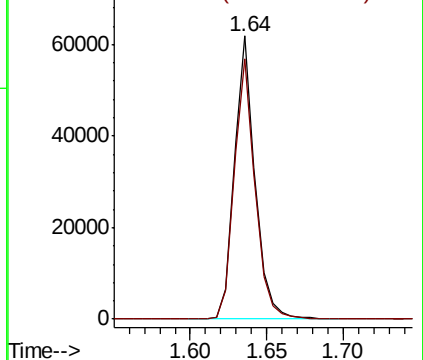
94 100

96 92.2 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.194 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008758.D

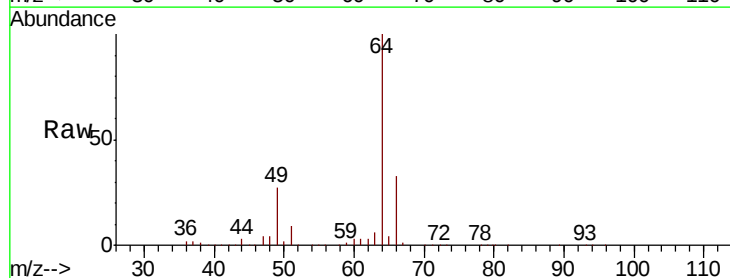
Acq: 08 Apr 2019 20:20

Tgt Ion: 64 Resp: 69032

Ion Ratio Lower Upper

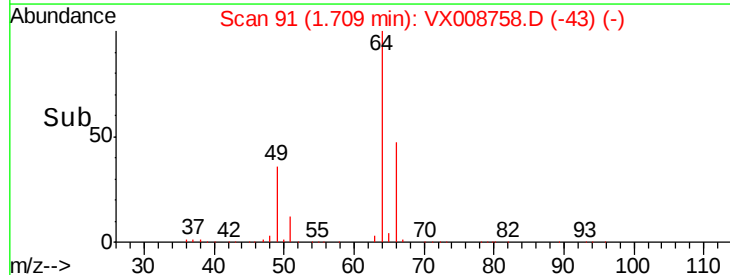
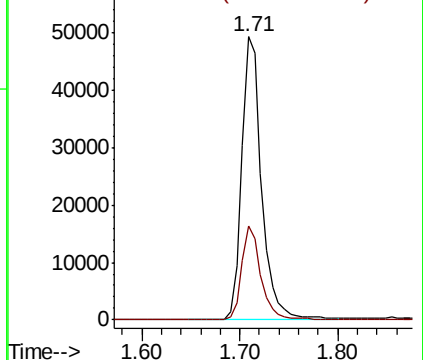
64 100

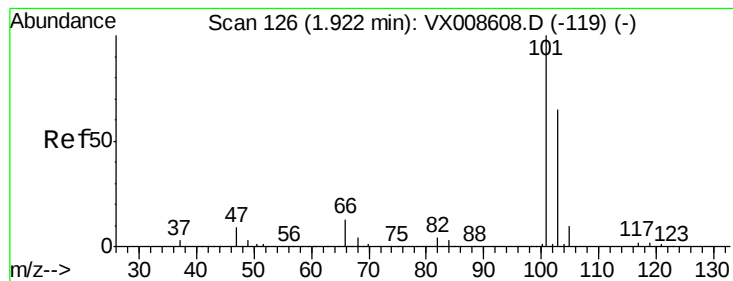
66 33.2 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



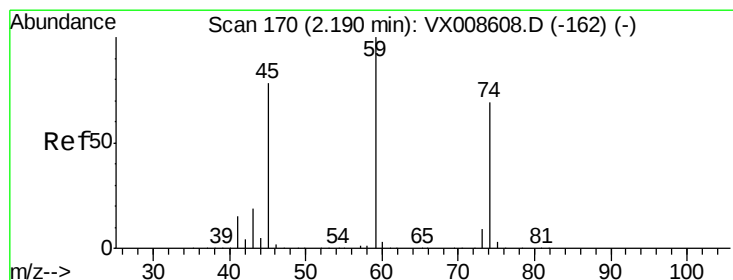
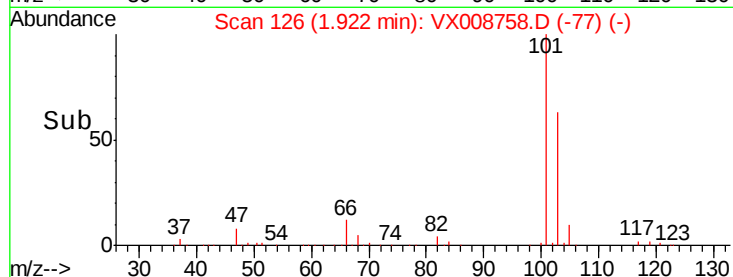
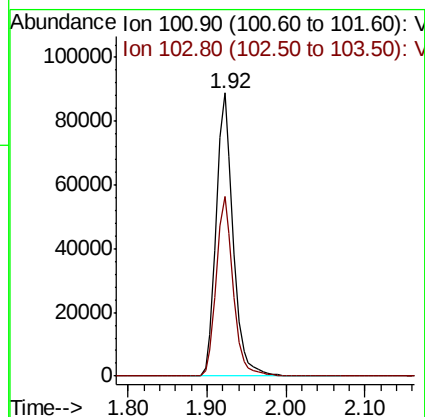
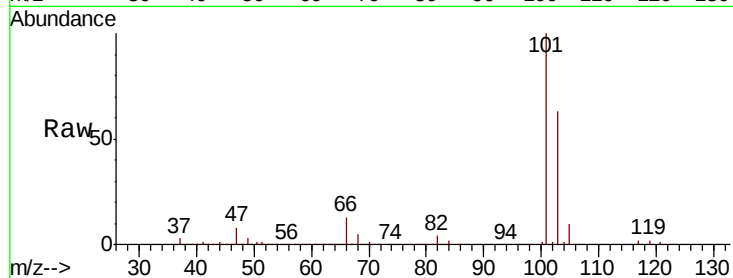


#7

Trichlorofluoromethane
 Concen: 46.315 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Instrument :
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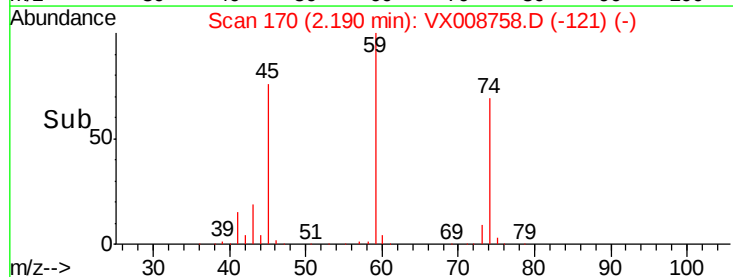
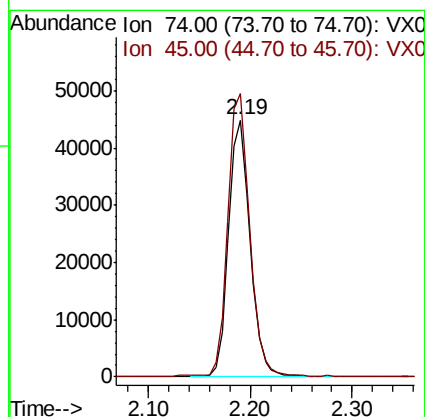
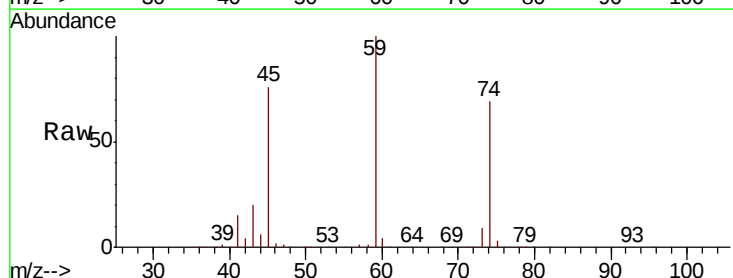
Tot Ion:101 Resp: 133973
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5



#8

Diethyl Ether
 Concen: 47.886 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion: 74 Resp: 65689
 Ion Ratio Lower Upper
 74 100
 45 110.5 56.5 169.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.581 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

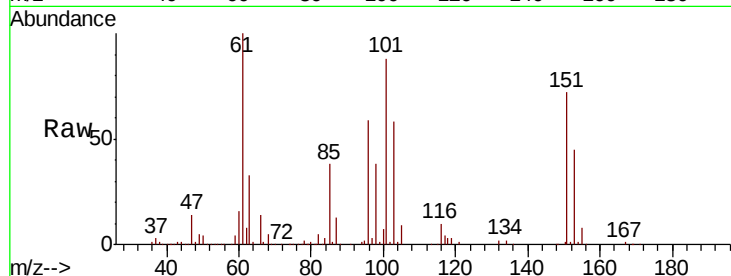
Tot Ion:101 Resp: 81166

Ion Ratio Lower Upper

101 100

85 44.1 36.0 54.0

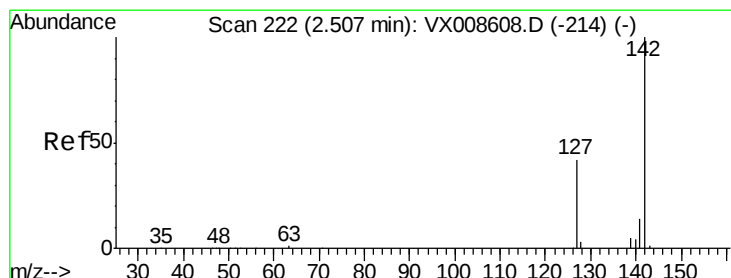
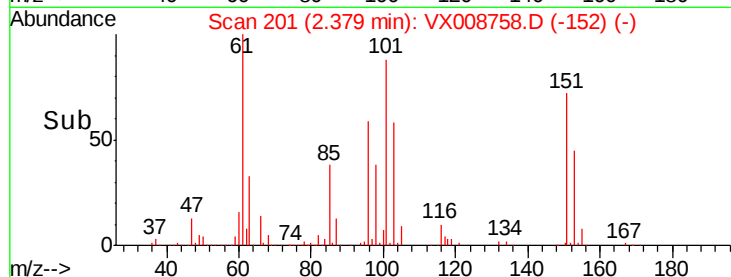
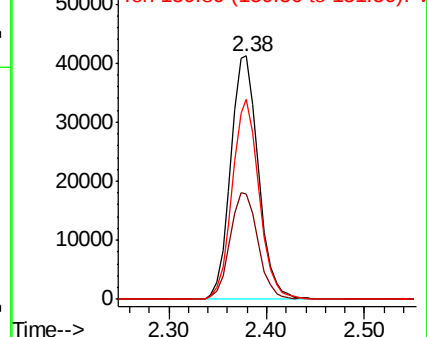
151 79.7 59.9 89.9



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: 49.561 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

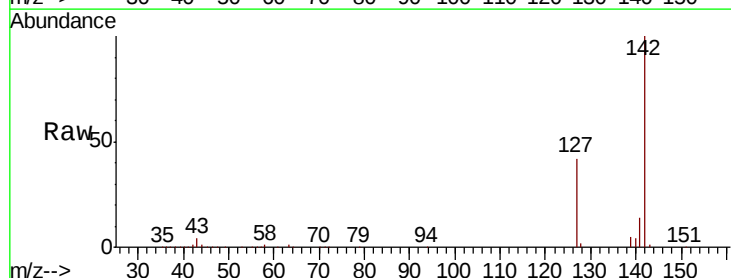
Tgt Ion:142 Resp: 84000

Ion Ratio Lower Upper

142 100

127 41.7 33.0 49.6

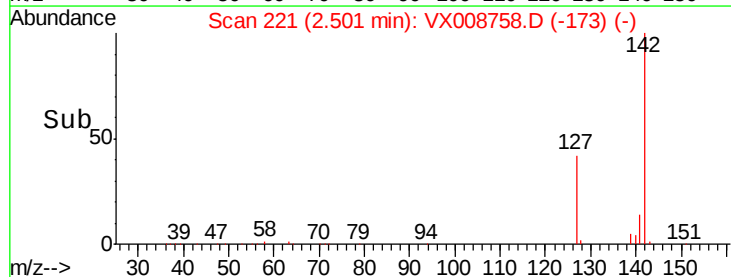
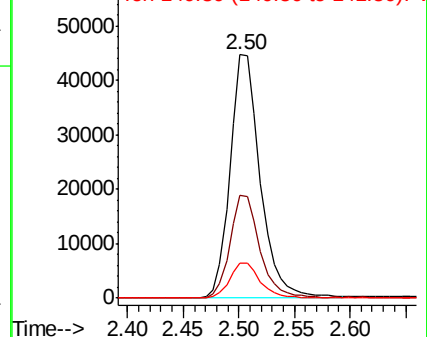
141 14.6 11.4 17.2

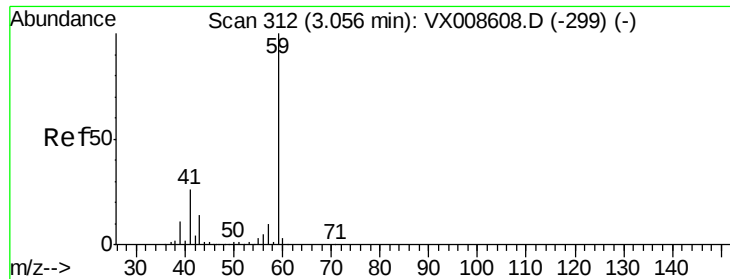


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



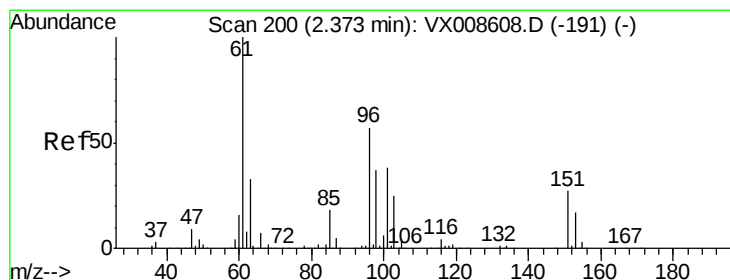
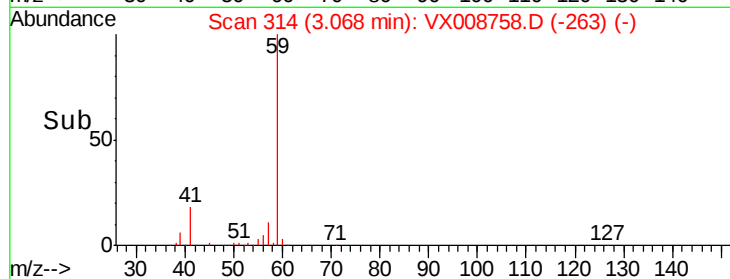
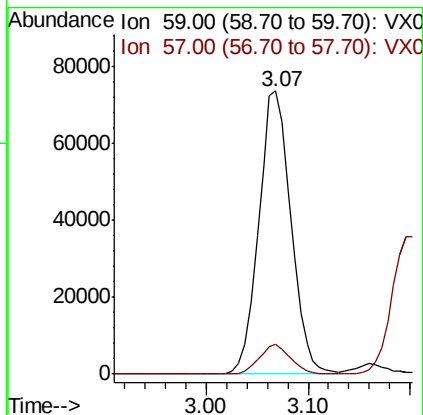
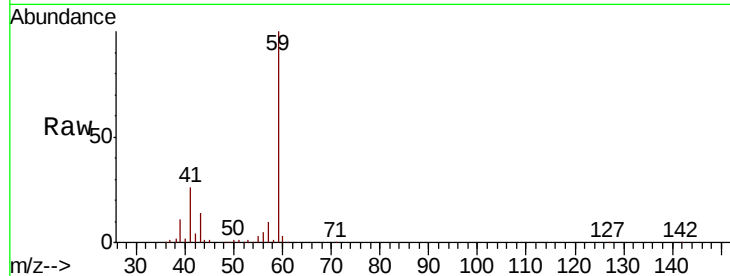


#11

Tert butyl alcohol
 Concen: 281.302 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. 0.01 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

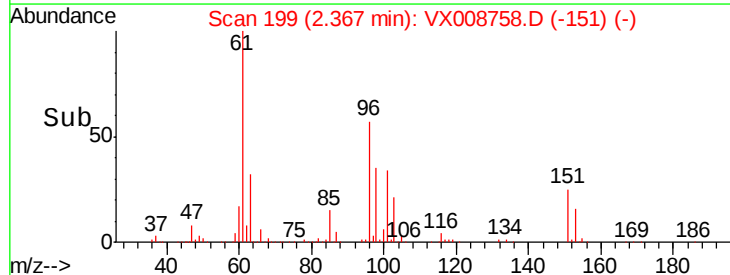
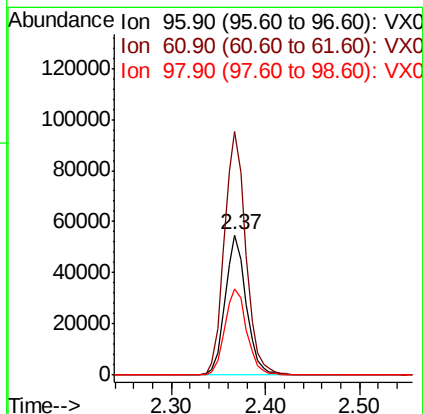
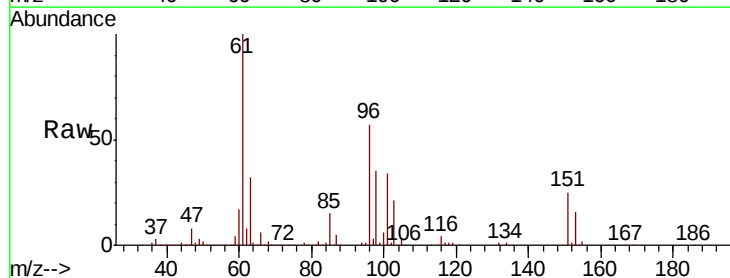
Tot Ion: 59 Resp: 161536
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.3 12.5

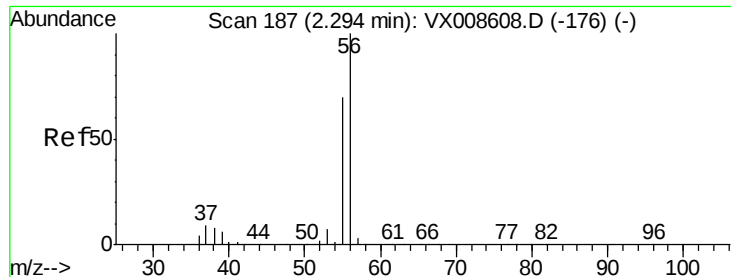


#12

1,1-Dichloroethene
 Concen: 43.834 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.01 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion: 96 Resp: 85221
 Ion Ratio Lower Upper
 96 100
 61 173.9 140.9 211.3
 98 61.5 52.1 78.1





#13

Acrolein

Concen: 339.453 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

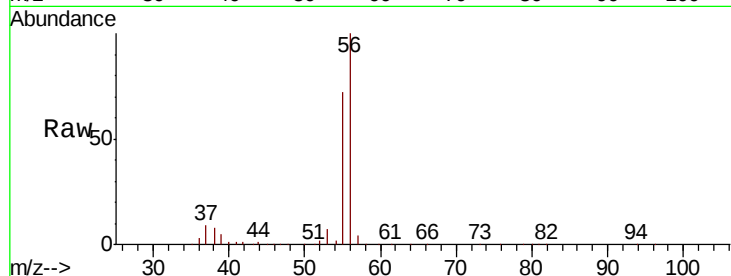
VSTDCCC050EC

Tot Ion: 56 Resp: 96656

Ion Ratio Lower Upper

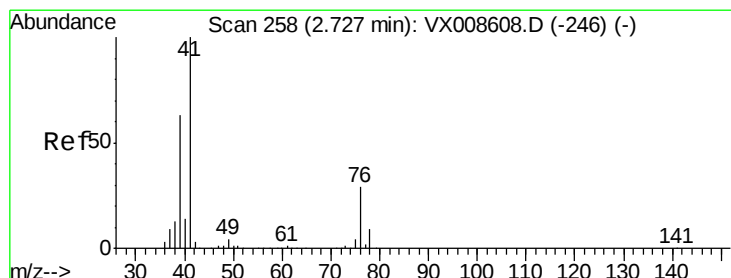
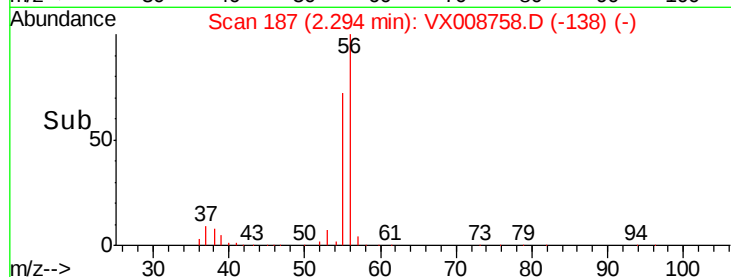
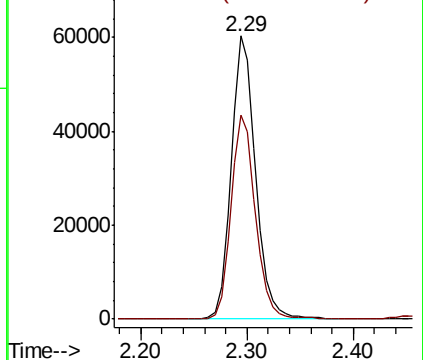
56 100

55 72.9 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.607 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

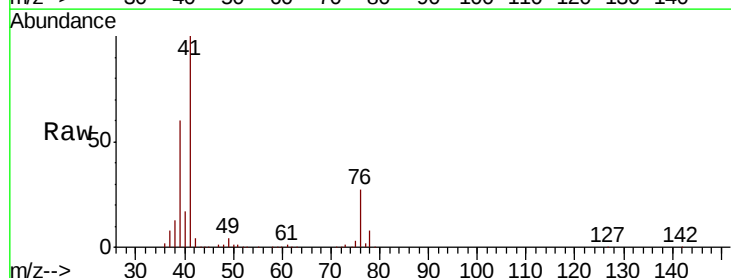
Tgt Ion: 41 Resp: 211886

Ion Ratio Lower Upper

41 100

39 57.8 48.0 72.0

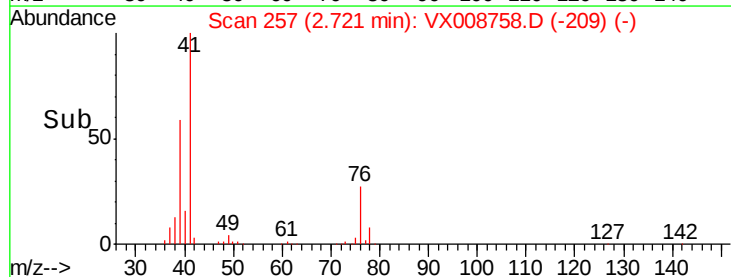
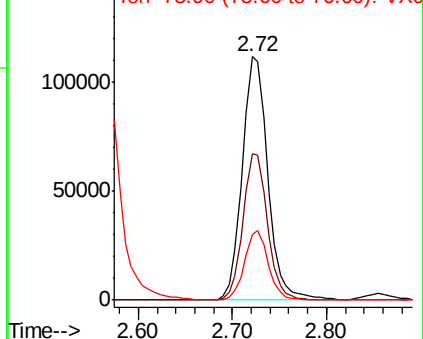
76 26.6 22.0 33.0

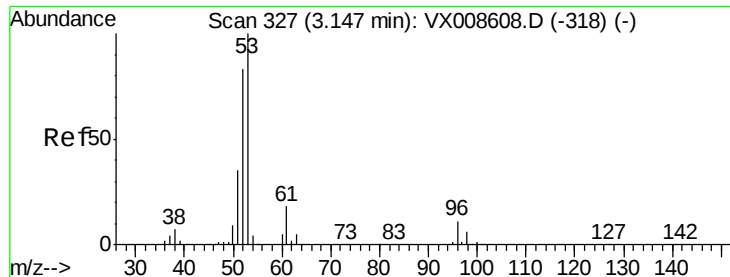


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 257.899 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

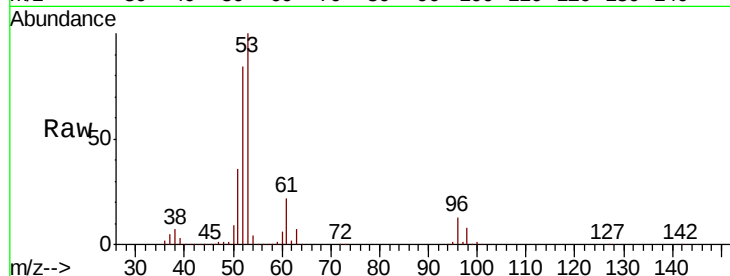
Tot Ion: 53 Resp: 392335

Ion Ratio Lower Upper

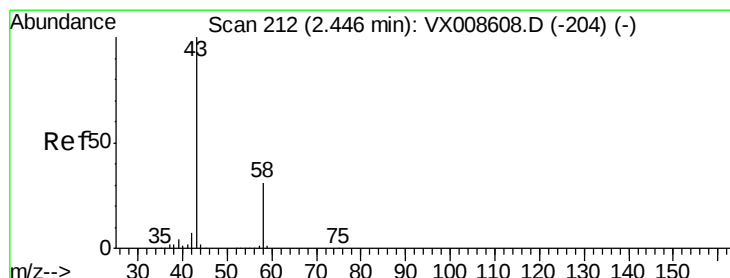
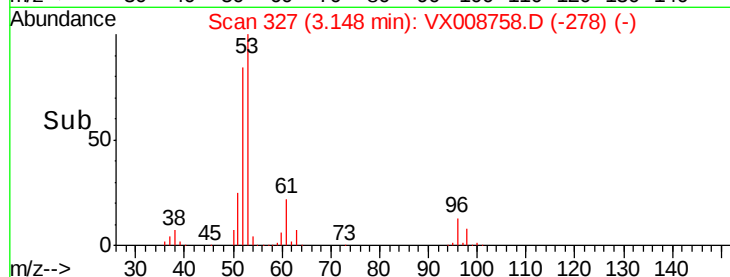
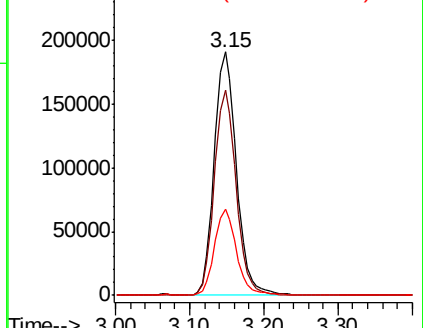
53 100

52 83.4 66.5 99.7

51 35.6 28.6 42.8



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: 222.051 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX008758.D

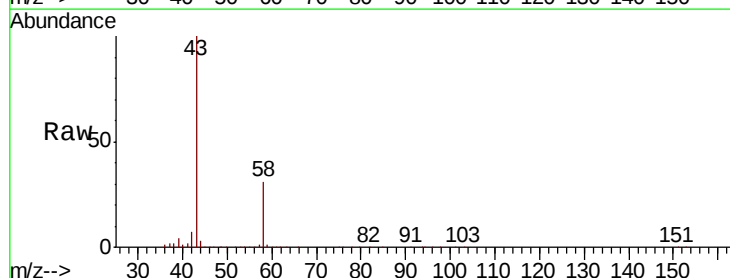
Acq: 08 Apr 2019 20:20

Tgt Ion: 43 Resp: 313708

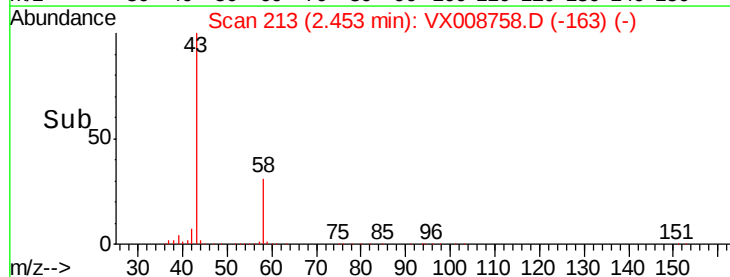
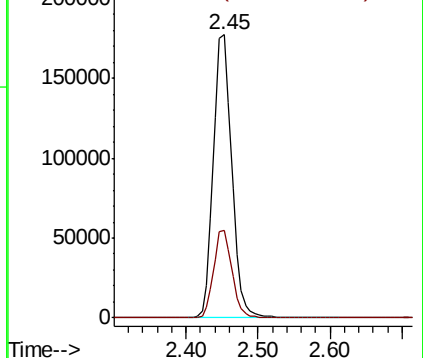
Ion Ratio Lower Upper

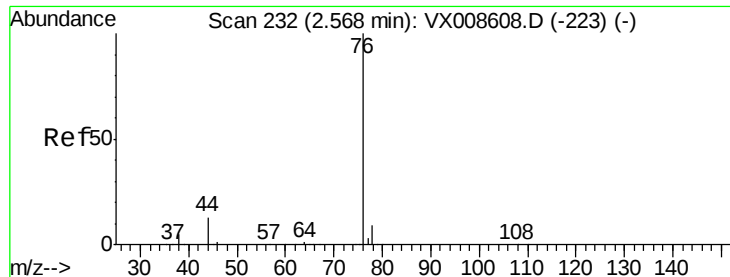
43 100

58 31.0 24.8 37.2



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

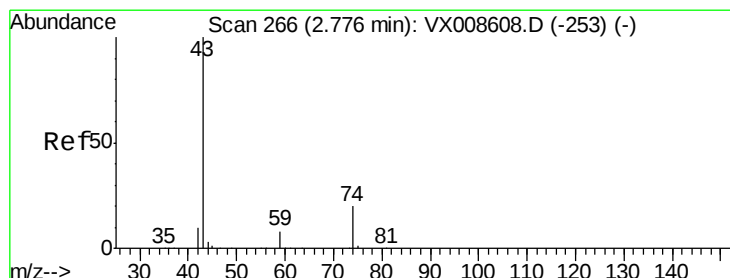
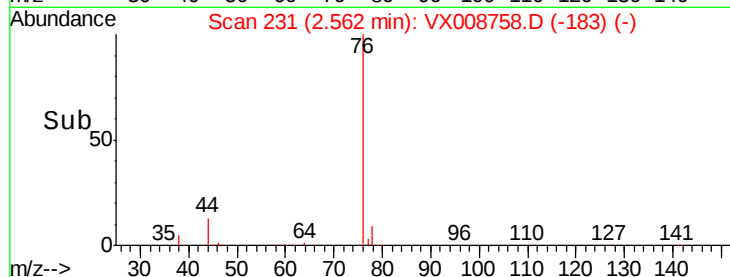
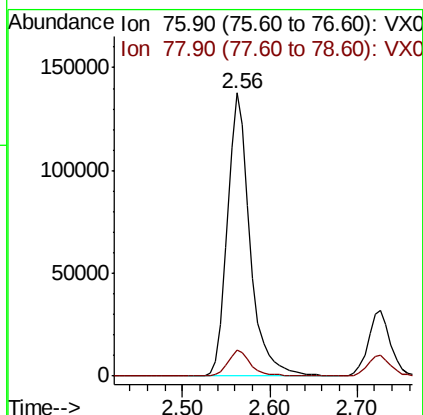
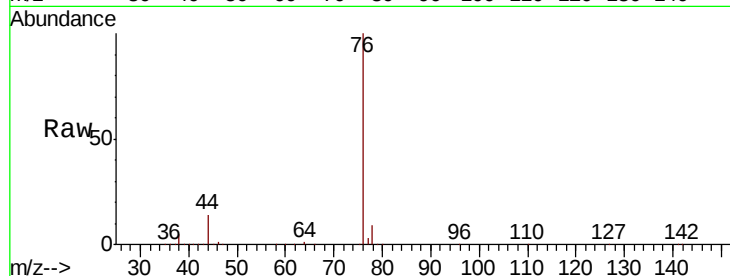




#17
Carbon Disulfide
Concen: 43.905 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

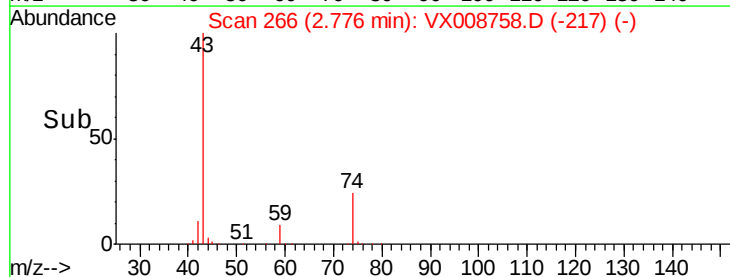
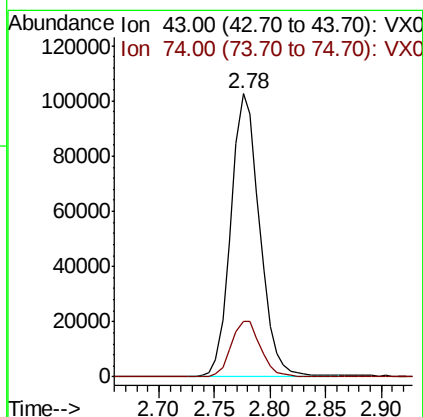
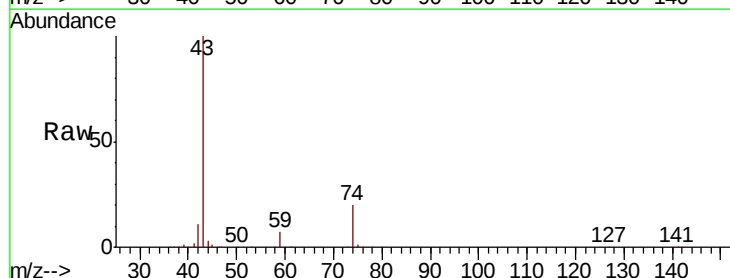
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

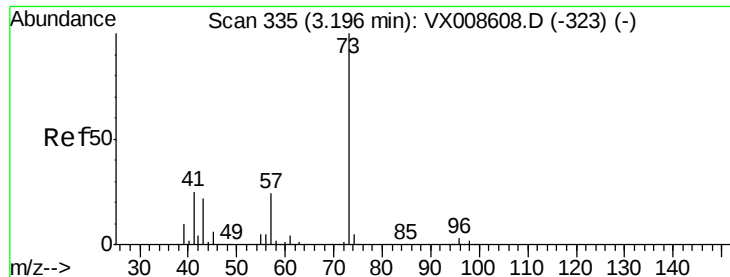
Tot Ion: 76 Resp: 247003
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7



#18
Methyl Acetate
Concen: 53.662 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 43 Resp: 183866
Ion Ratio Lower Upper
43 100
74 20.5 16.5 24.7

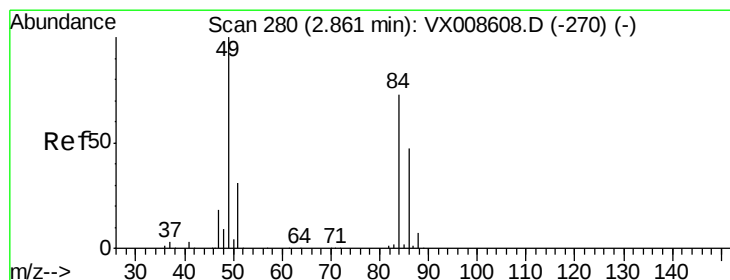
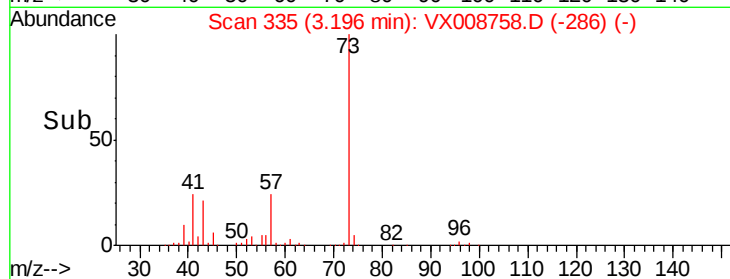
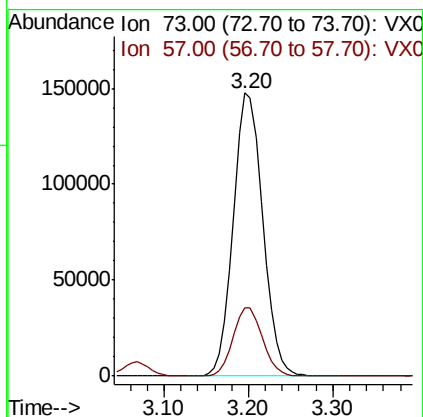
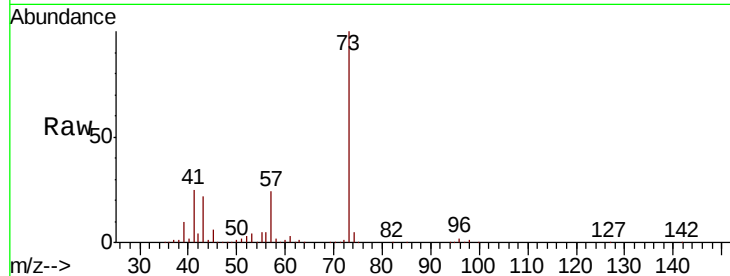




#19
Methyl tert-butyl Ether
Concen: 50.230 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

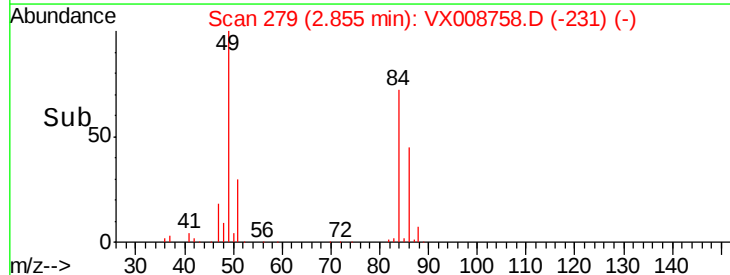
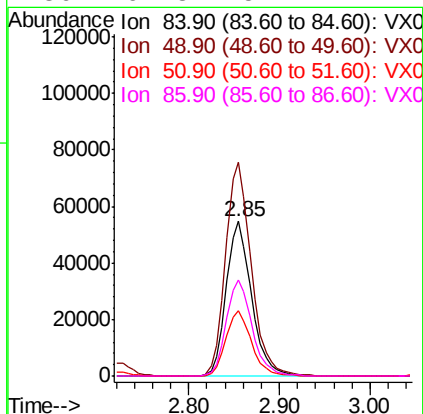
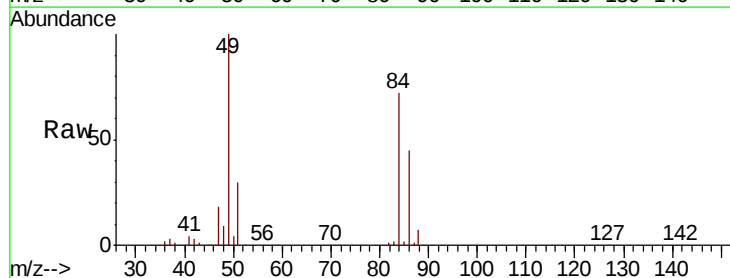
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

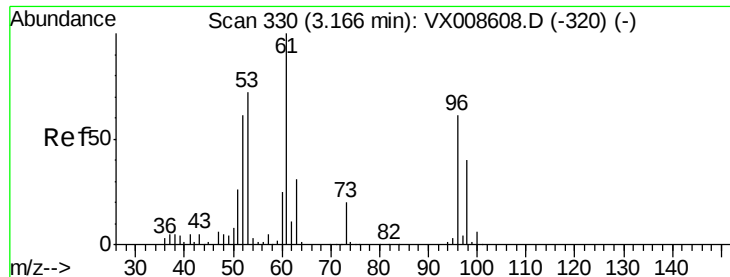
Tot Ion: 73 Resp: 348752
Ion Ratio Lower Upper
73 100
57 24.1 19.5 29.3



#20
Methylene Chloride
Concen: 44.912 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 84 Resp: 106208
Ion Ratio Lower Upper
84 100
49 137.9 109.7 164.5
51 41.7 33.6 50.4
86 61.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.833 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

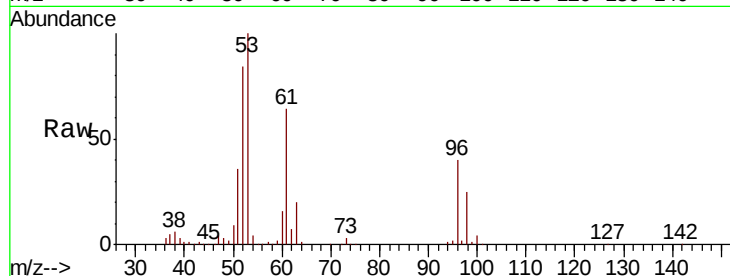
Tot Ion: 96 Resp: 96384

Ion Ratio Lower Upper

96 100

61 159.2 132.1 198.1

98 61.9 52.2 78.2

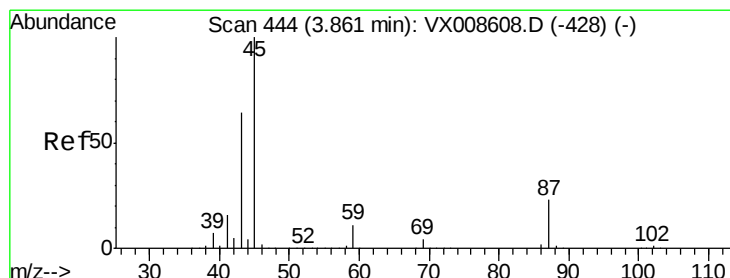
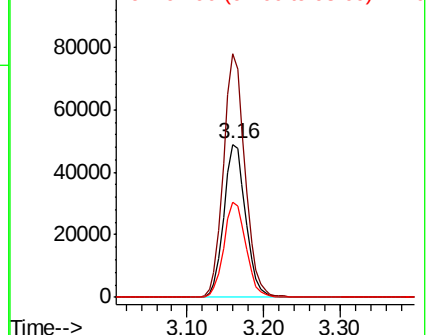
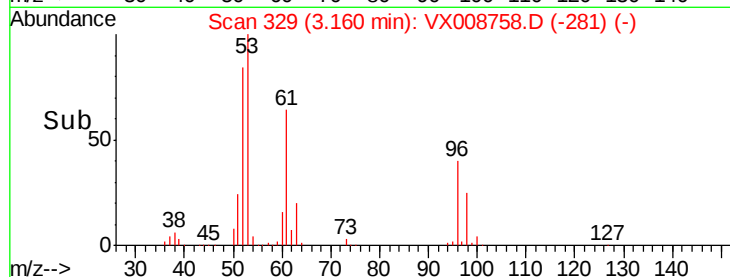


Abundance

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: 48.855 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Tgt Ion: 45 Resp: 419095

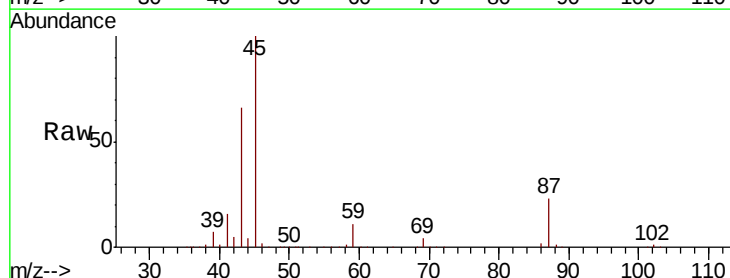
Ion Ratio Lower Upper

45 100

43 65.7 51.3 76.9

87 23.1 18.1 27.1

59 10.6 8.6 13.0



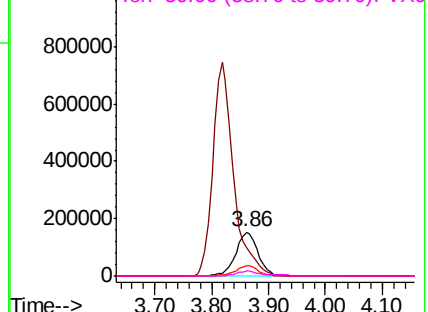
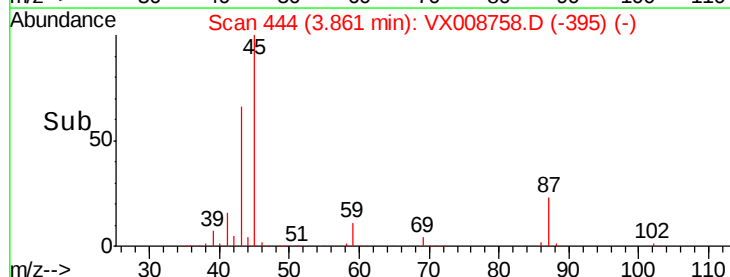
Abundance

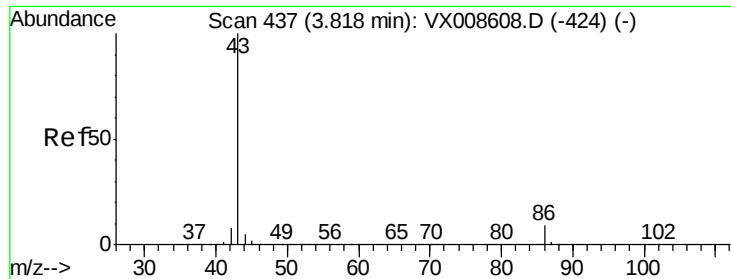
Ion 45.00 (44.70 to 45.70): VX0

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: 252.757 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

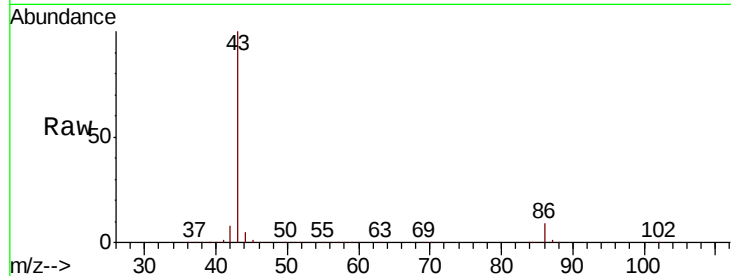
VSTDCCC050EC

Tot Ion: 43 Resp: 1886237

Ion Ratio Lower Upper

43 100

86 8.6 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

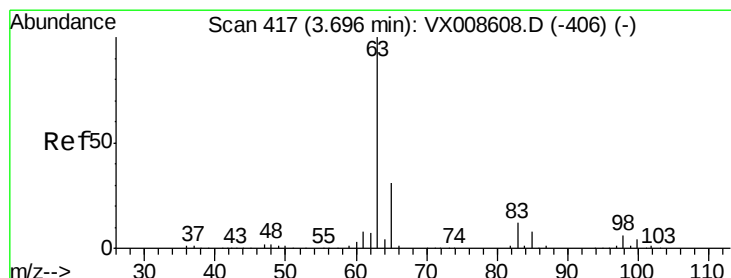
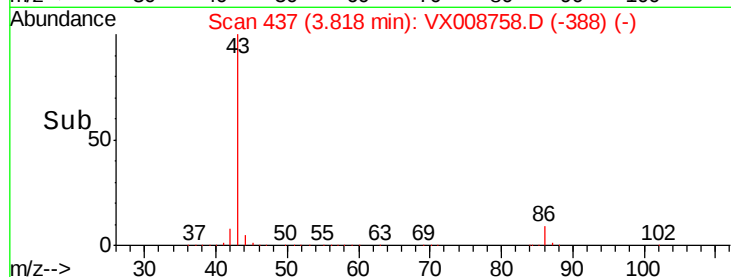
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 48.504 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

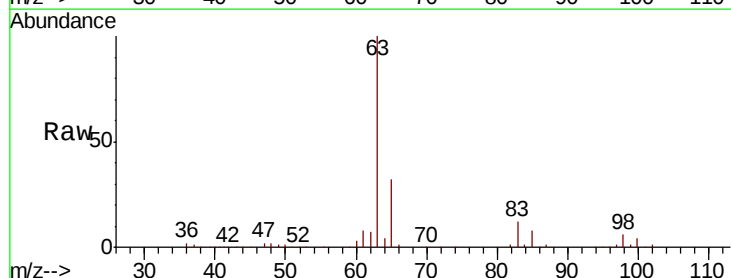
Tgt Ion: 63 Resp: 206011

Ion Ratio Lower Upper

63 100

98 6.1 2.8 8.4

100 3.7 1.8 5.5



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

100000

80000

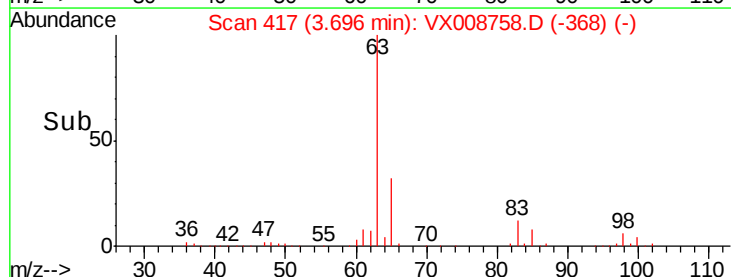
60000

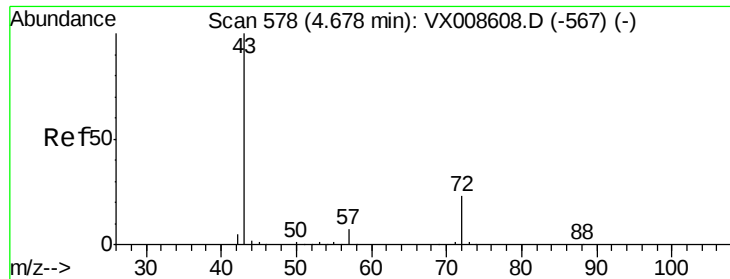
40000

20000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 266.277 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

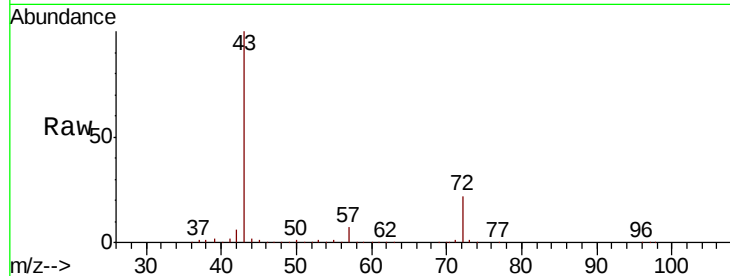
VSTDCCC050EC

Tot Ion: 43 Resp: 594578

Ion Ratio Lower Upper

43 100

72 22.1 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

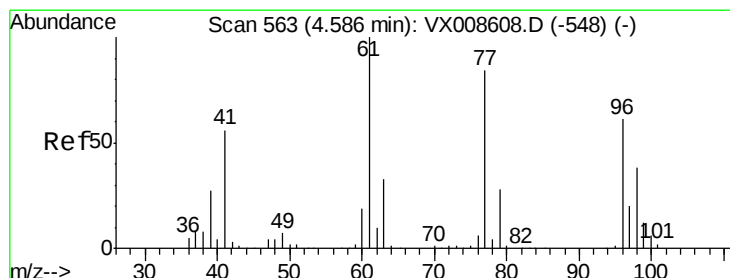
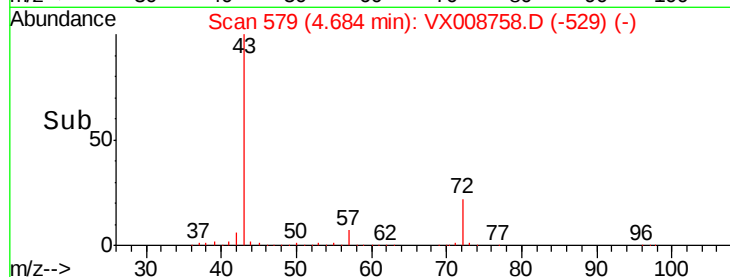
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 38.663 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008758.D

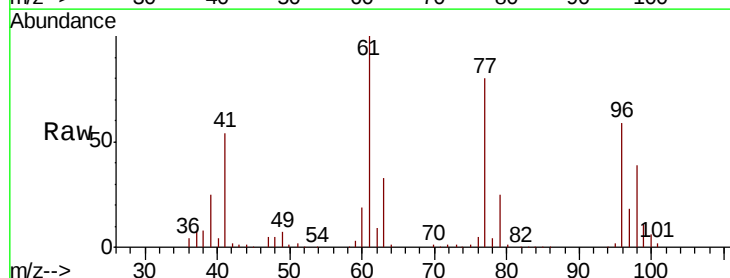
Acq: 08 Apr 2019 20:20

Tgt Ion: 77 Resp: 115659

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

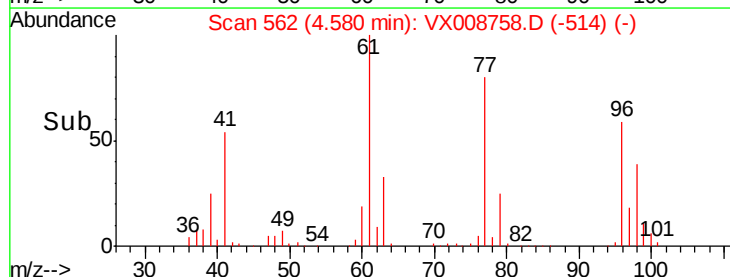
20000

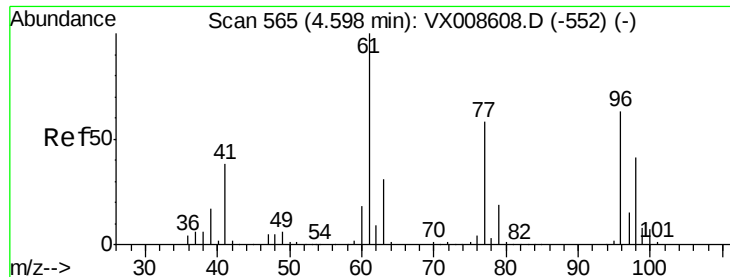
10000

0

4.40 4.50 4.60 4.70

Time-->



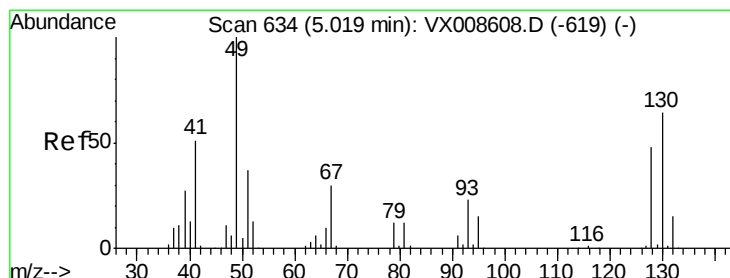
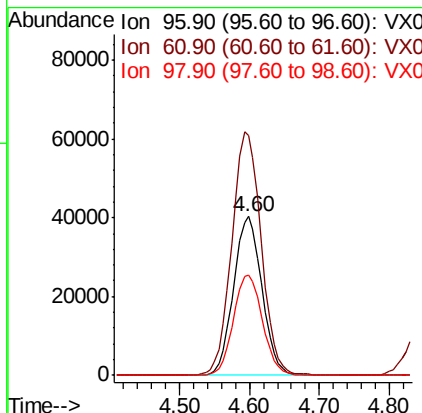
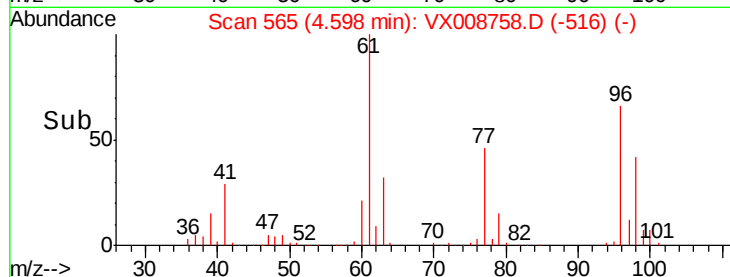
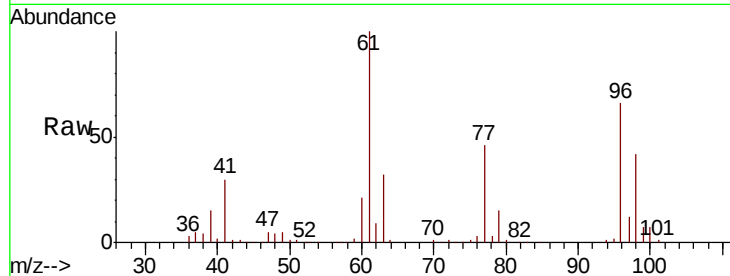


#27

cis-1,2-Dichloroethene
Concen: 47.111 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

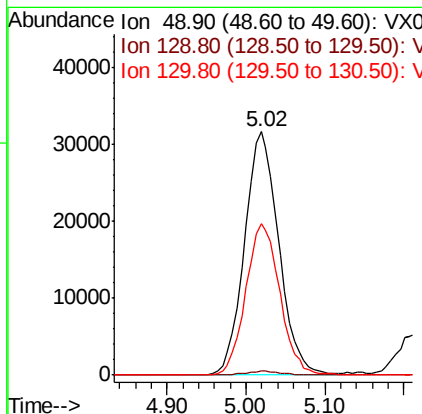
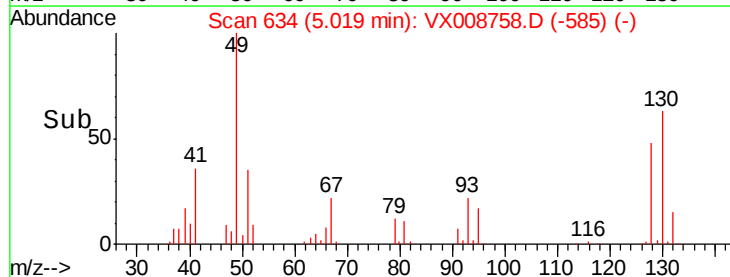
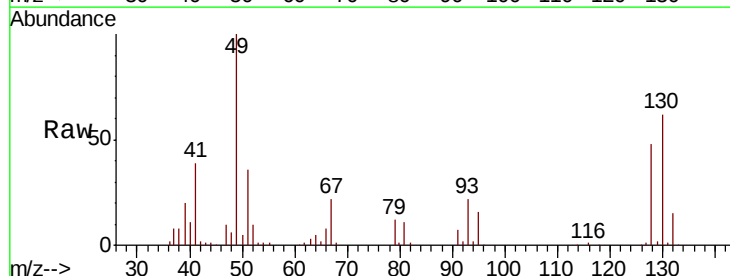
Tot Ion	Ratio	Lower	Upper
96	100		
61	158.8	0.0	327.6
98	64.6	0.0	128.6

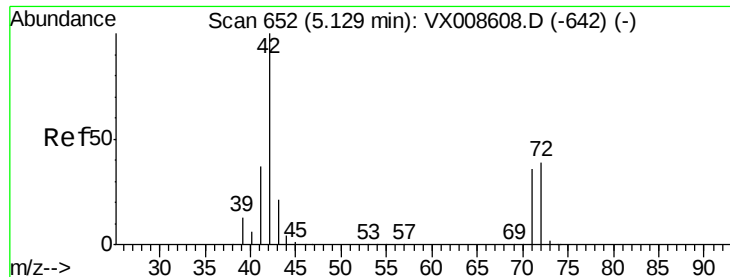


#28

Bromochloromethane
Concen: 54.196 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.6
130	61.9	49.3	73.9





#29

Tetrahydrofuran

Concen: 268.257 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

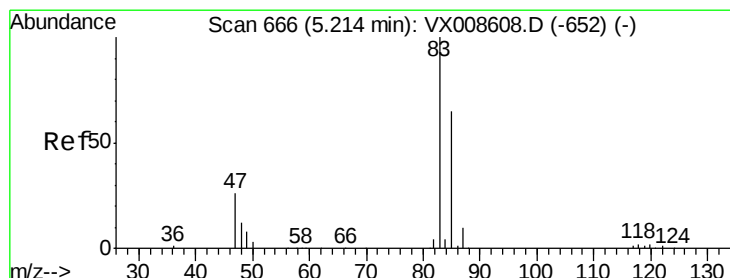
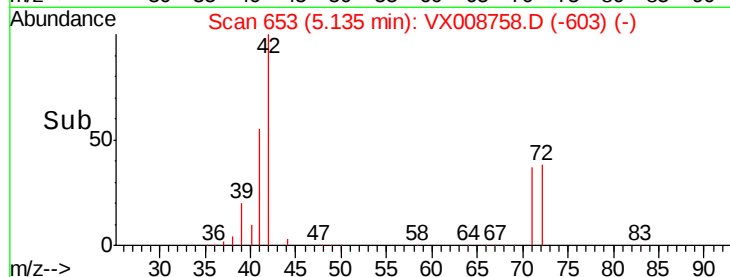
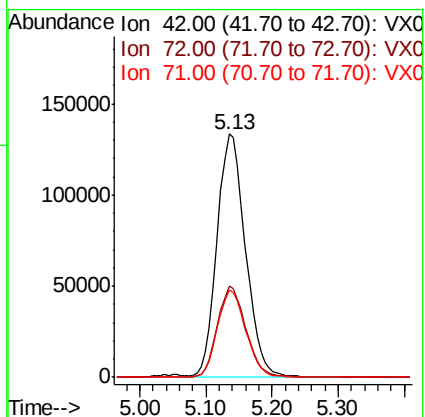
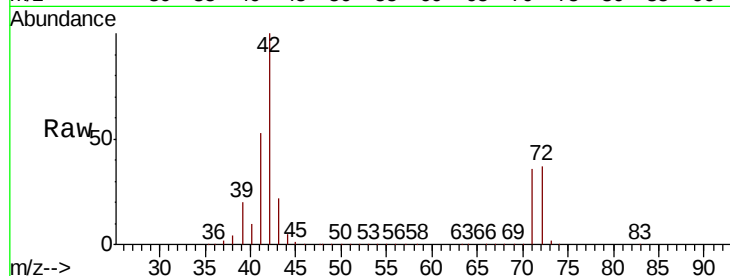
Tot Ion: 42 Resp: 397569

Ion Ratio Lower Upper

42 100

72 37.7 30.5 45.7

71 35.8 28.6 43.0



#30

Chloroform

Concen: 48.889 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX008758.D

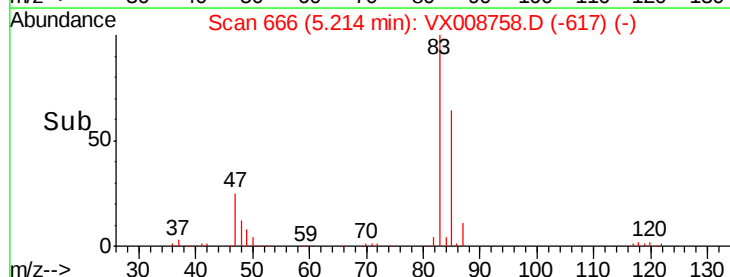
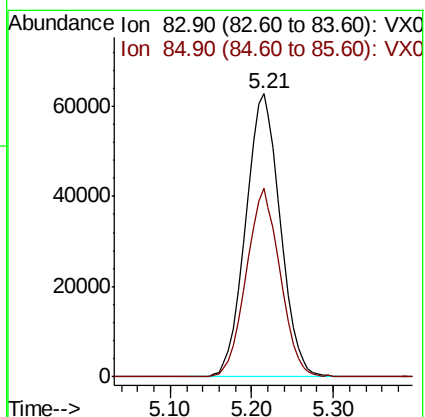
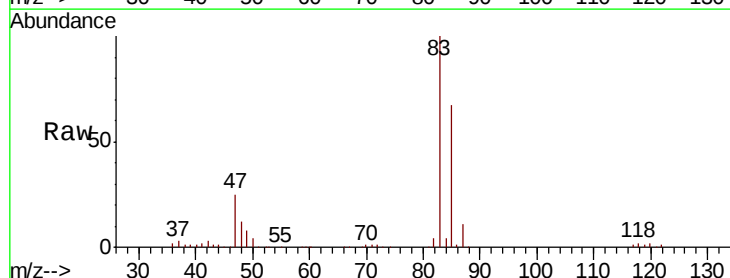
Acq: 08 Apr 2019 20:20

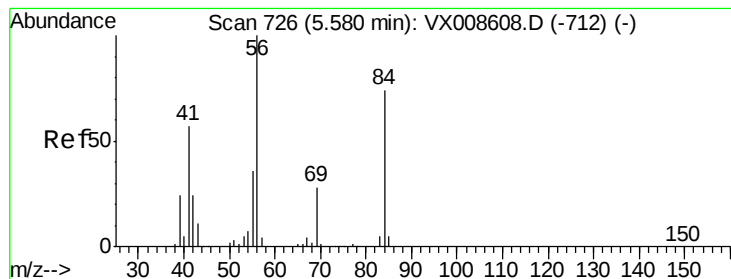
Tgt Ion: 83 Resp: 185461

Ion Ratio Lower Upper

83 100

85 66.6 52.1 78.1





#31

Cyclohexane

Concen: 45.496 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

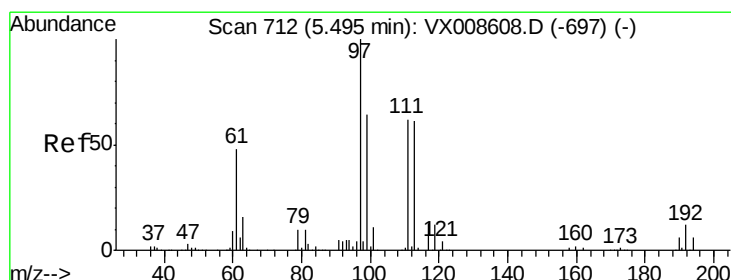
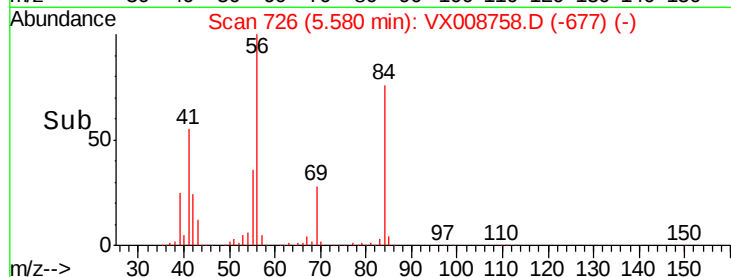
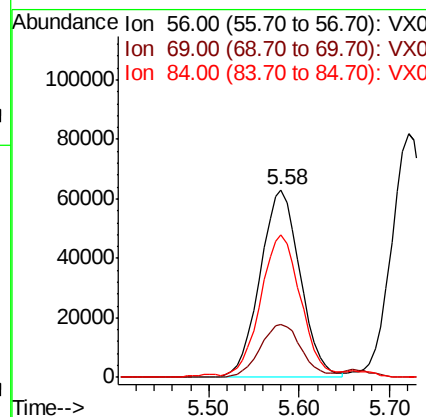
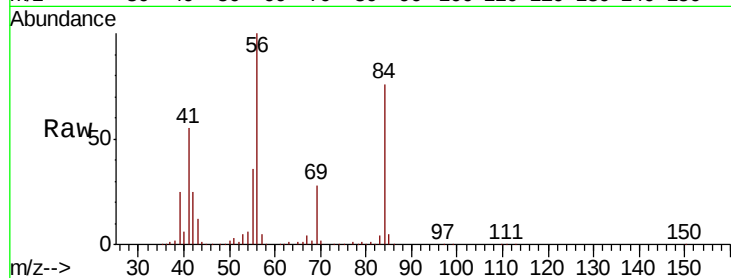
Tot Ion: 56 Resp: 192811

Ion Ratio Lower Upper

56 100

69 27.9 22.6 33.8

84 75.0 59.3 88.9



#32

1,1,1-Trichloroethane

Concen: 49.469 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

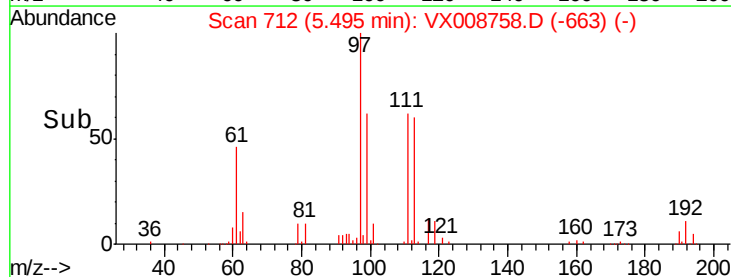
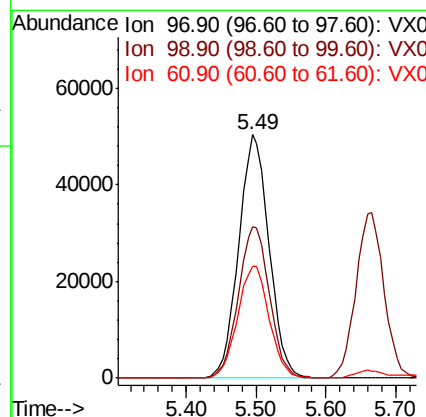
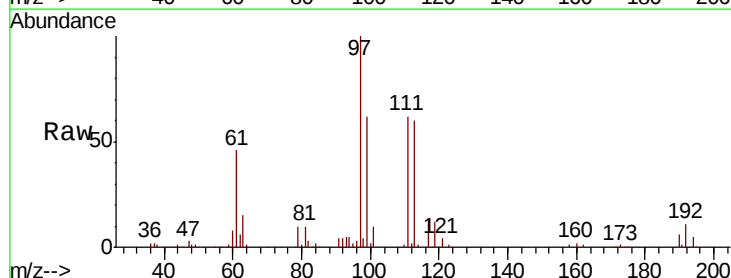
Tgt Ion: 97 Resp: 151647

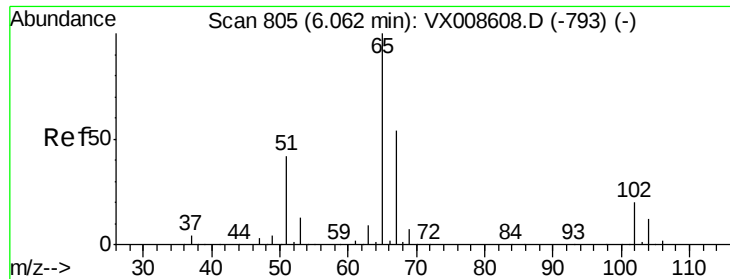
Ion Ratio Lower Upper

97 100

99 63.8 51.3 76.9

61 47.9 38.9 58.3

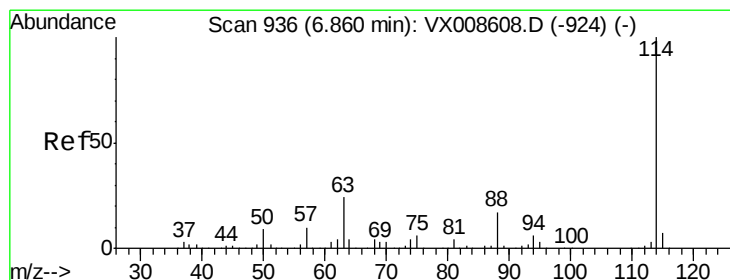
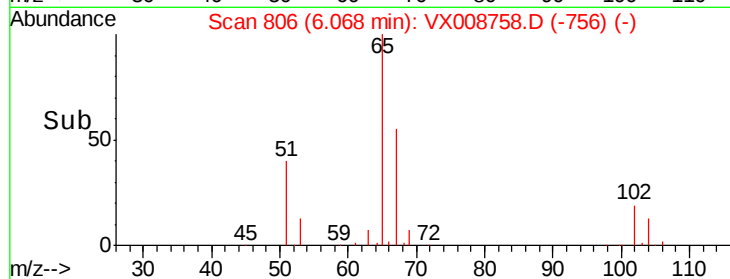
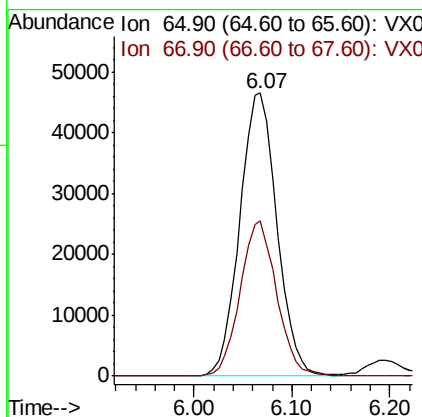
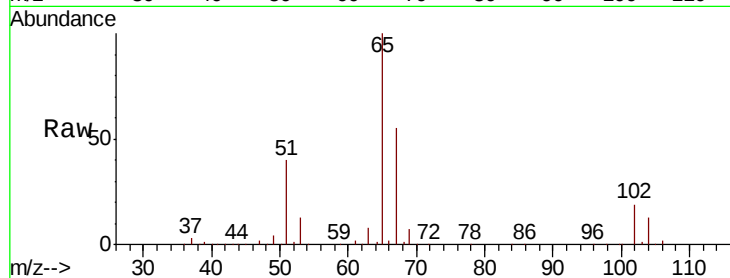




#33
 1,2-Dichloroethane-d4
 Concen: 50.134 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

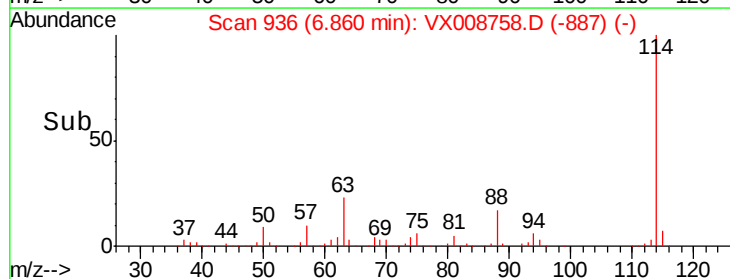
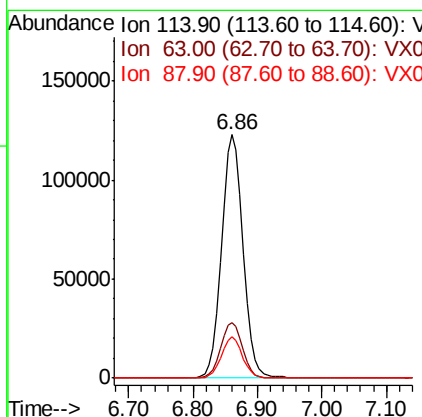
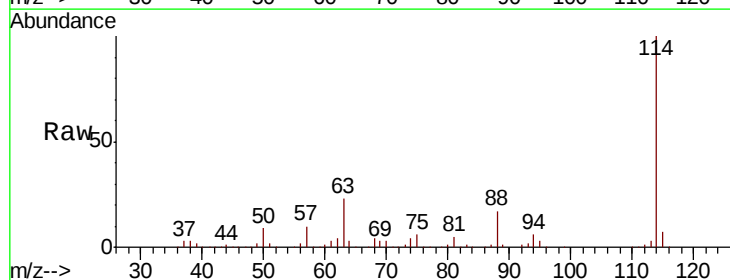
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

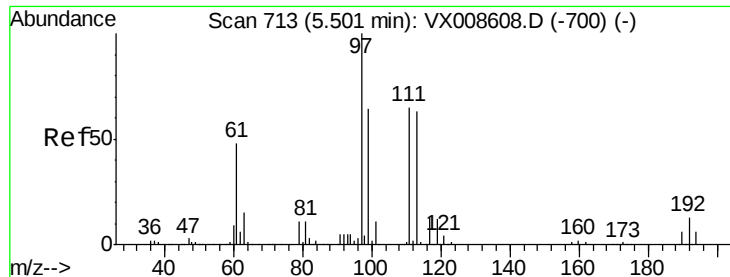
Tot Ion: 65 Resp: 122971
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion: 114 Resp: 289505
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 47.2
 88 17.2 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.028 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

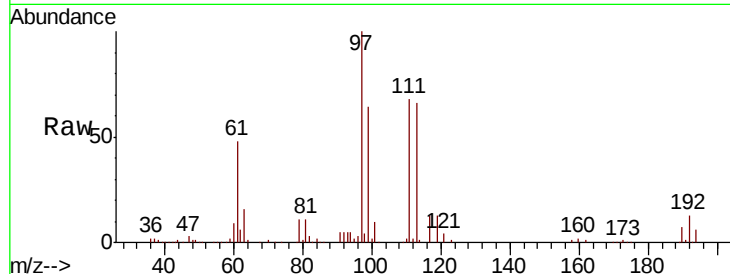
Tot Ion:113 Resp: 90751

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

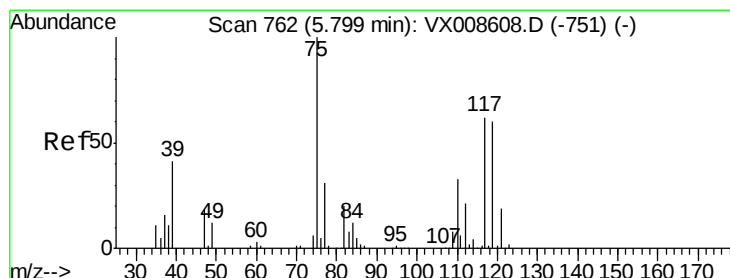
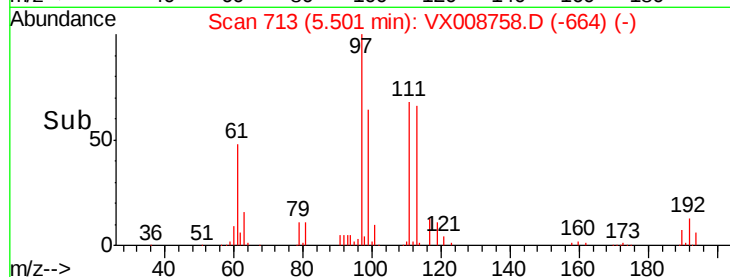
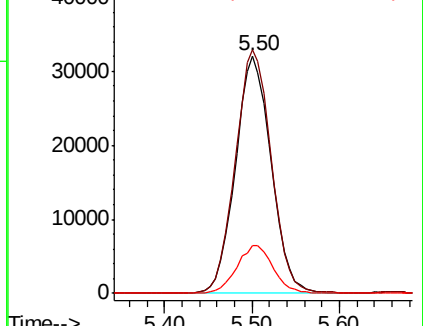
192 20.5 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 44.028 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

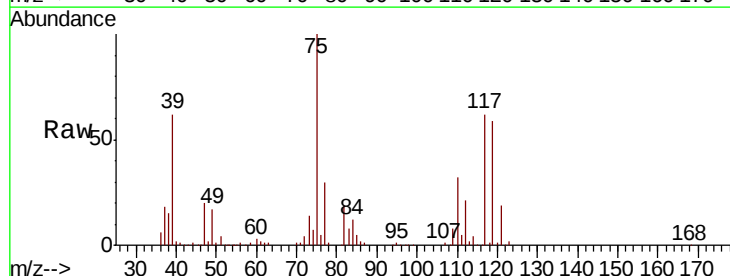
Tgt Ion: 75 Resp: 139330

Ion Ratio Lower Upper

75 100

110 33.7 16.4 49.2

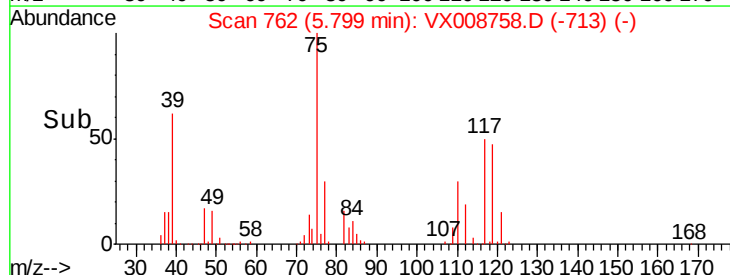
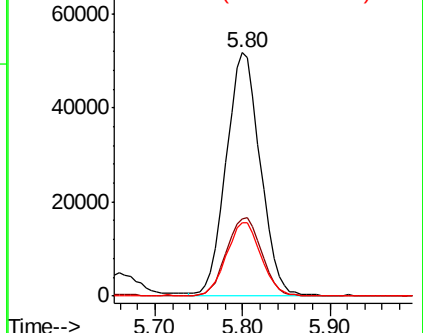
77 31.3 24.7 37.1

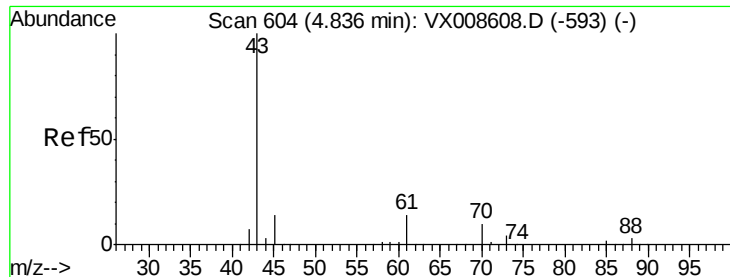


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.768 ug/l

RT: 4.84 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

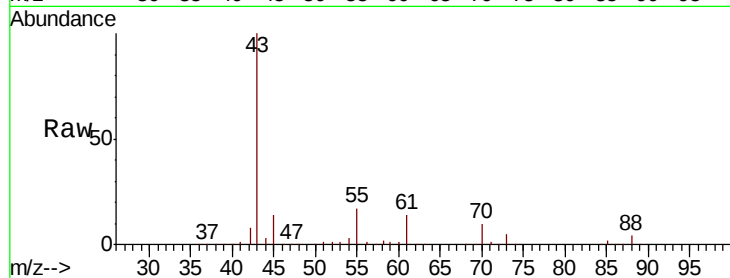
Tot Ion: 43 Resp: 218670

Ion Ratio Lower Upper

43 100

61 13.6 10.3 15.5

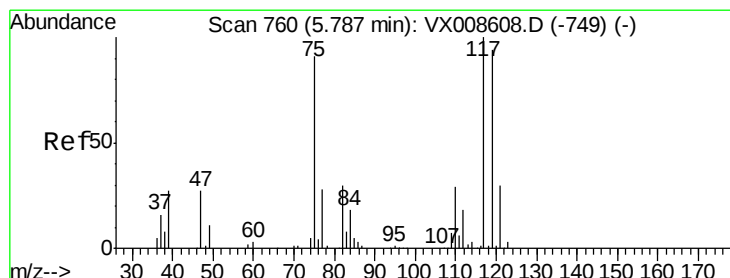
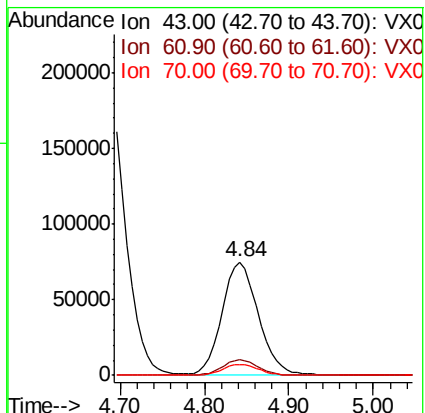
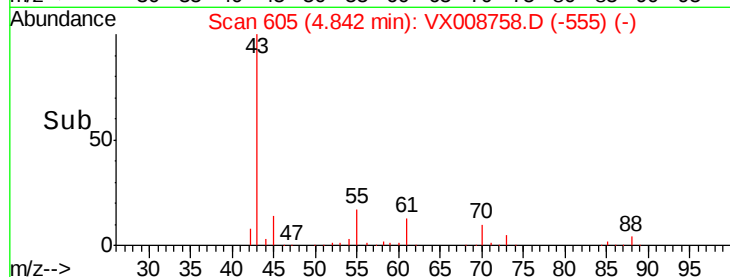
70 9.7 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX008608.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX008608.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX008608.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 47.526 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

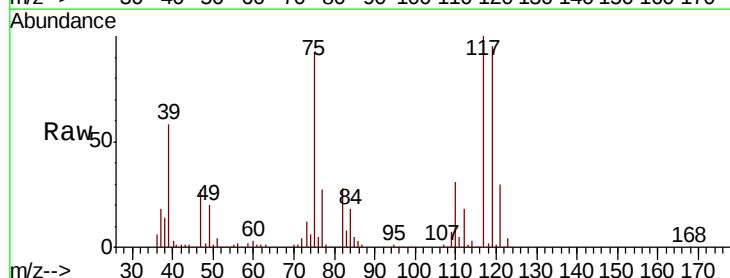
Tgt Ion: 117 Resp: 124481

Ion Ratio Lower Upper

117 100

119 95.0 75.0 112.6

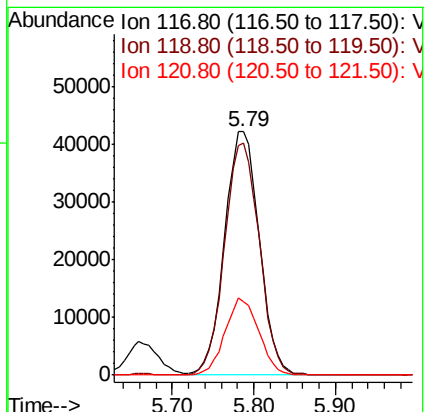
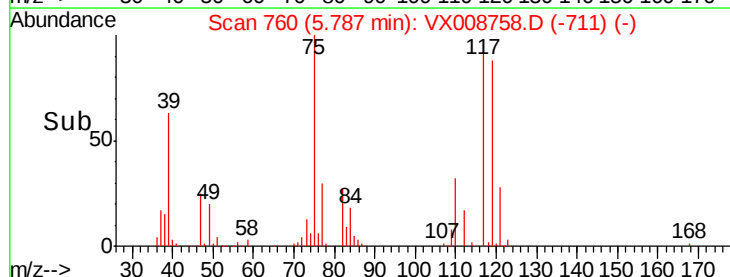
121 30.3 24.3 36.5



Abundance Ion 116.80 (116.50 to 117.50): VX008608.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX008608.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX008608.D (-749) (-)

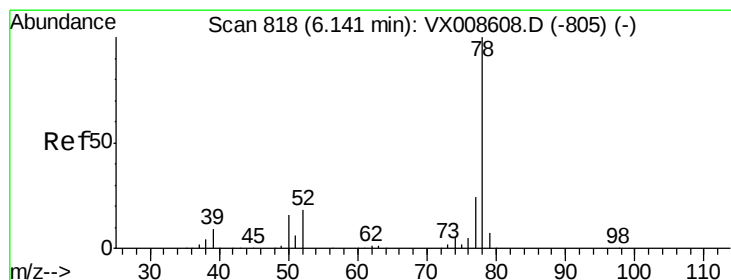
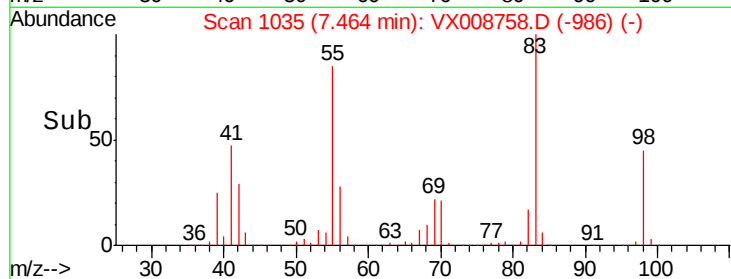
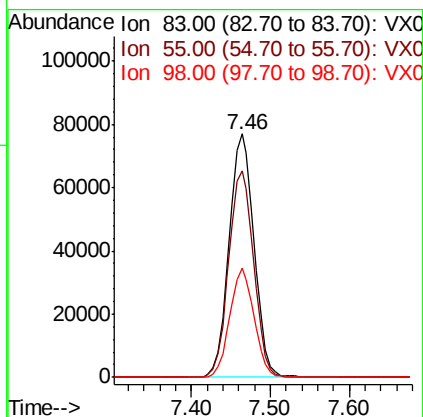
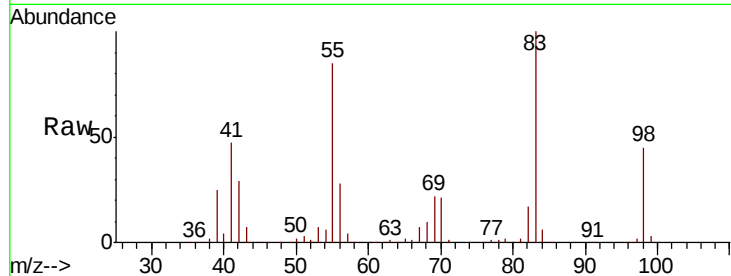




#39
Methvlcvclohexane
Concen: 43.308 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

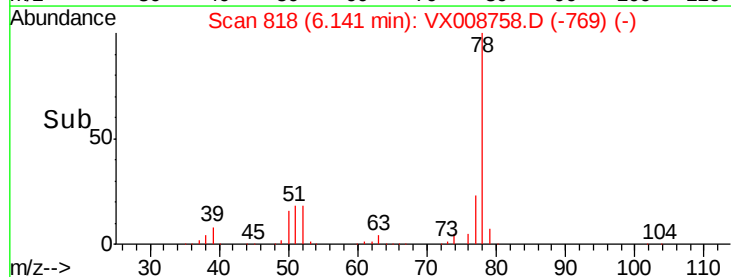
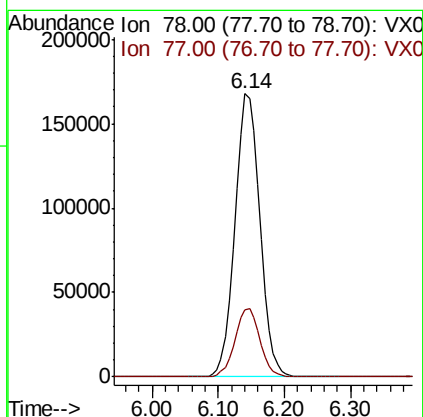
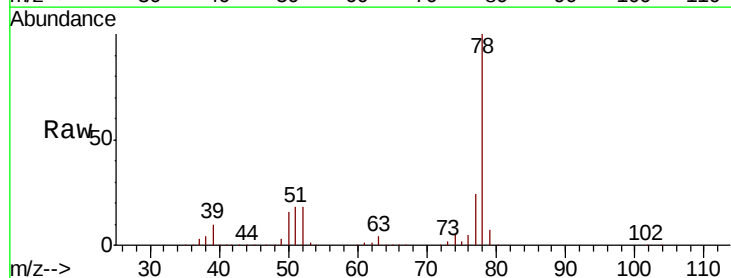
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	169305
Ion Ratio	Lower	Upper	
83	100		
55	85.1	69.0	103.6
98	44.6	34.4	51.6



#40
Benzene
Concen: 46.547 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion	78.00	Resp	438825
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.1	28.7





#41

Methacrylonitrile

Concen: 50.742 ug/l

RT: 5.05 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 123202

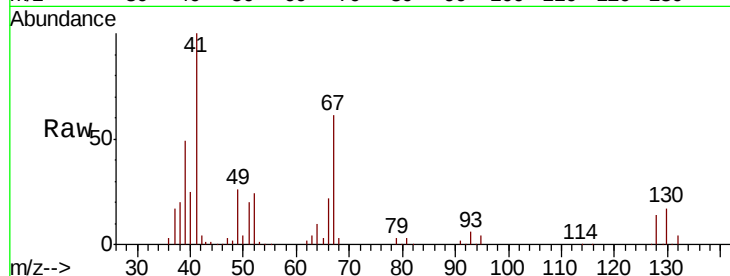
Ion Ratio Lower Upper

41 100

39 52.6 42.1 63.1

67 63.0 51.0 76.6

52 26.3 21.4 32.0

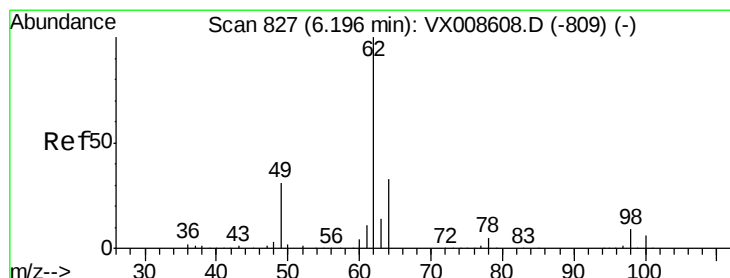
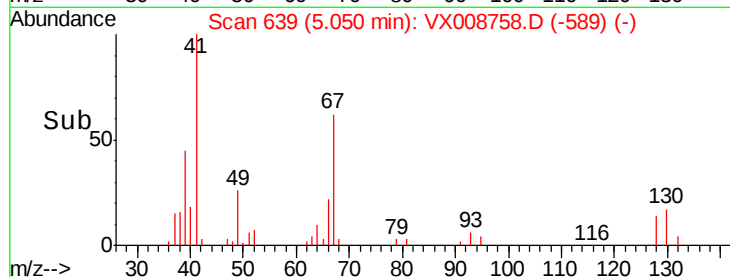
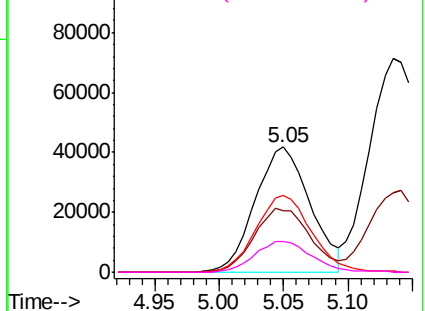


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 46.831 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX008758.D

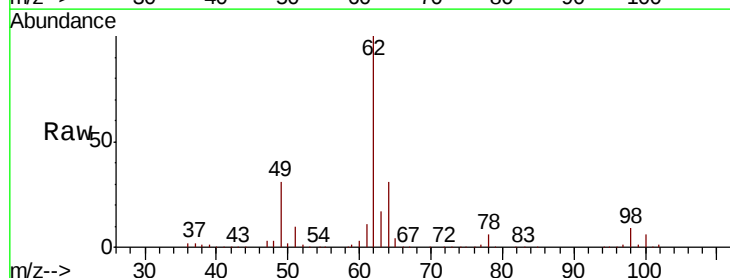
Acq: 08 Apr 2019 20:20

Tgt Ion: 62 Resp: 158279

Ion Ratio Lower Upper

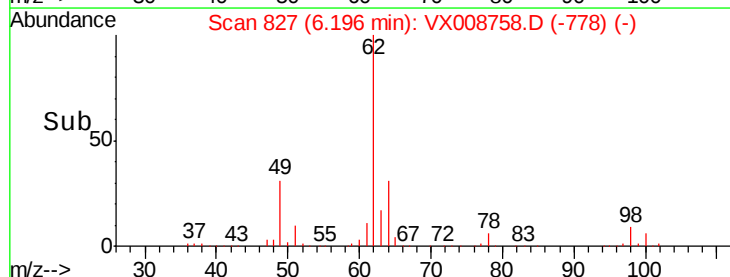
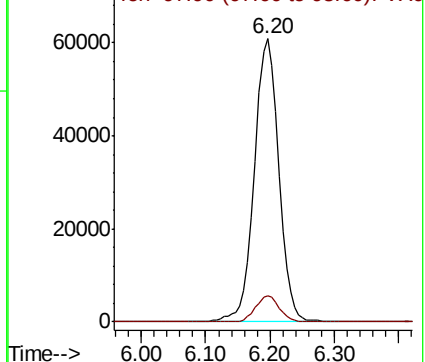
62 100

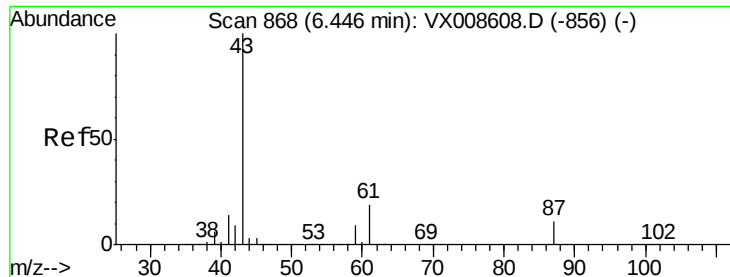
98 9.0 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



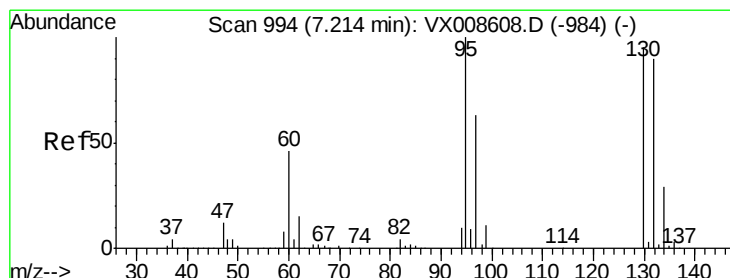
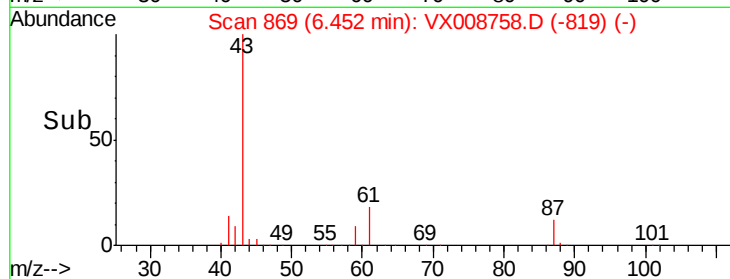
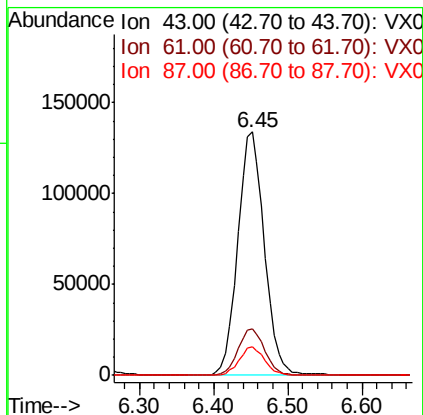
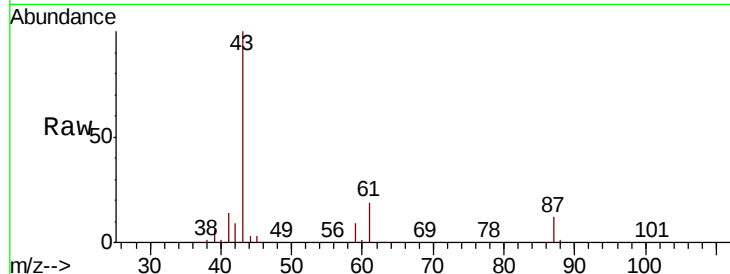


#43

Isopropyl Acetate
 Concen: 50.505 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. 0.01 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

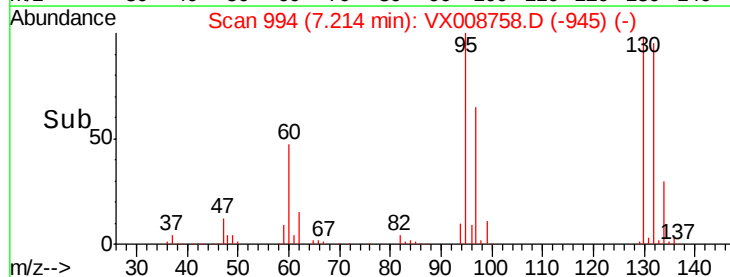
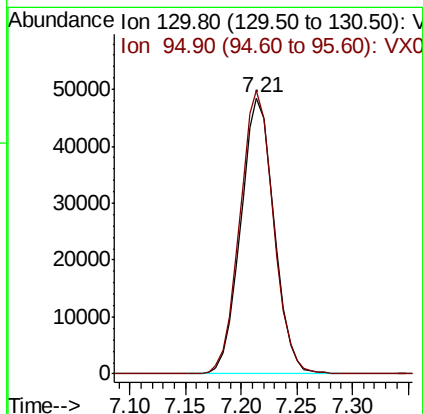
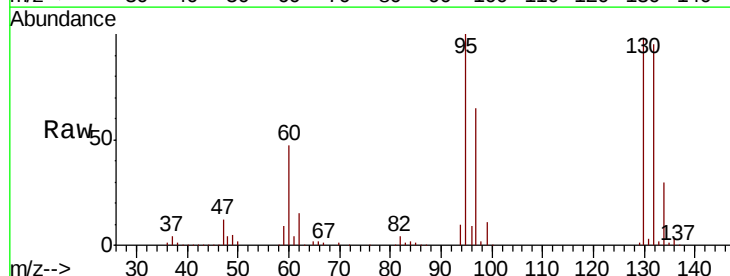
Tot Ion: 43 Resp: 334188
 Ion Ratio Lower Upper
 43 100
 61 19.3 15.3 22.9
 87 11.3 9.0 13.6

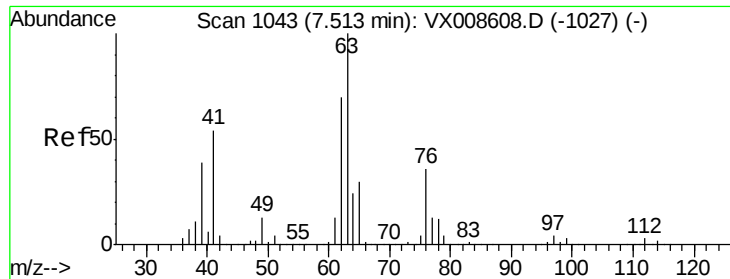


#44

Trichloroethene
 Concen: 46.027 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion:130 Resp: 101064
 Ion Ratio Lower Upper
 130 100
 95 102.5 0.0 209.8

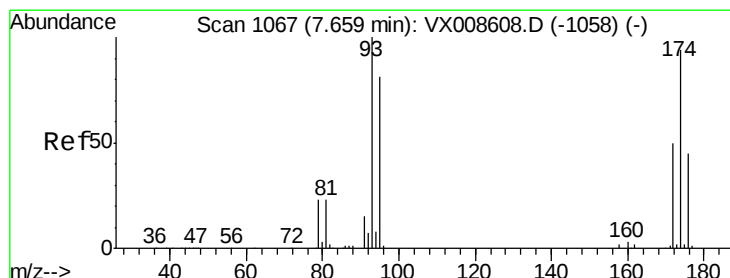
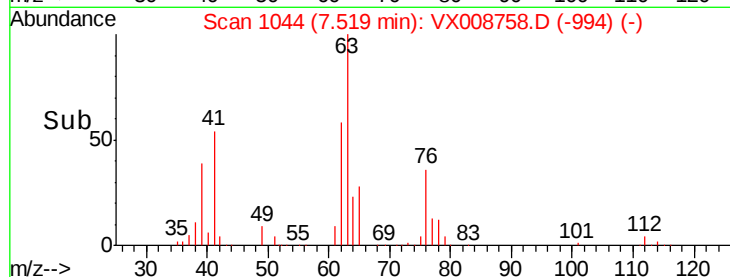
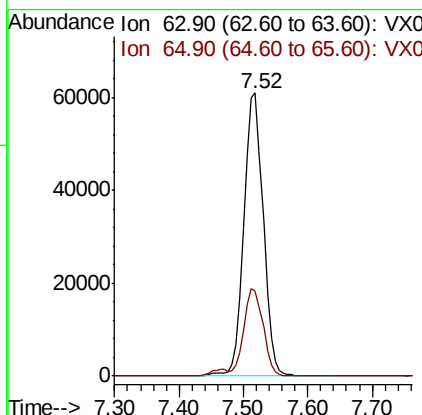
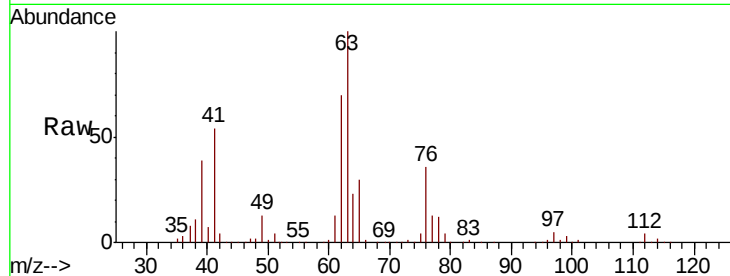




#45
 1,2-Dichloropropane
 Concen: 46.824 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

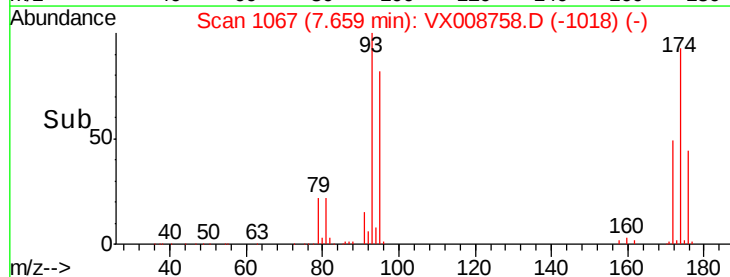
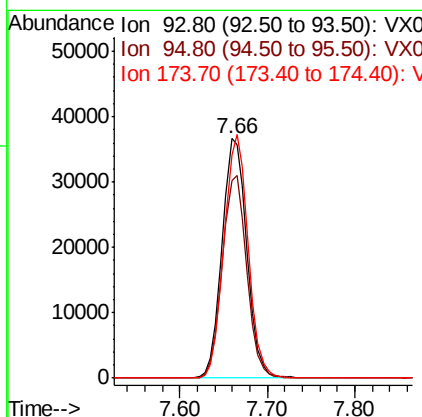
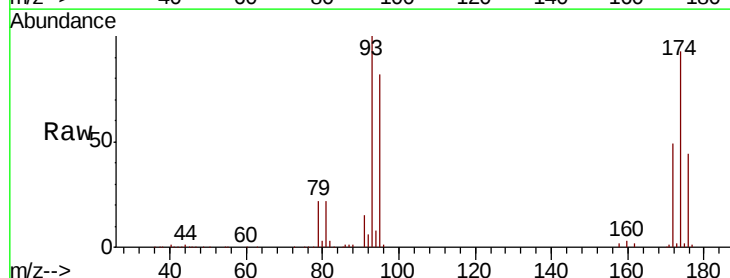
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

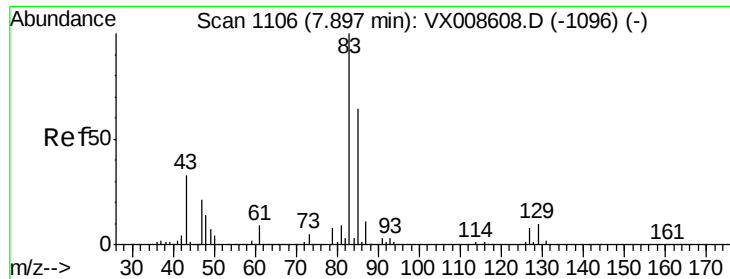
Tot Ion: 63 Resp: 125999
 Ion Ratio Lower Upper
 63 100
 65 29.9 24.2 36.4



#46
 Dibromomethane
 Concen: 46.050 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion: 93 Resp: 71868
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 99.8
 174 98.8 77.7 116.5





#47

Bromodichloromethane

Concen: 48.529 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

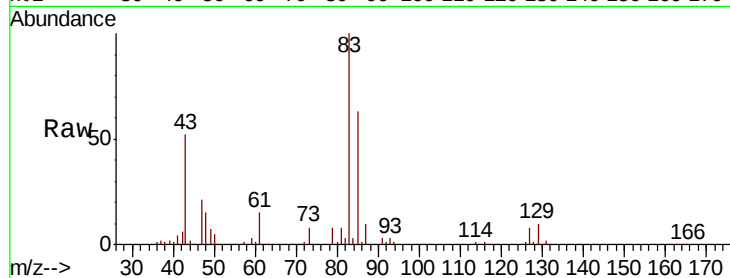
Tot Ion: 83 Resp: 142803

Ion Ratio Lower Upper

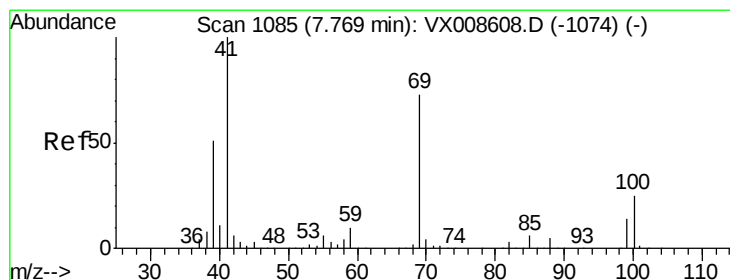
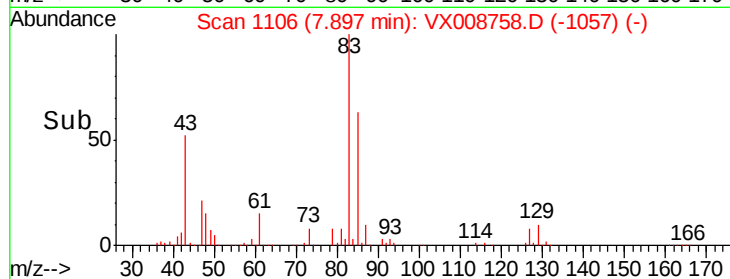
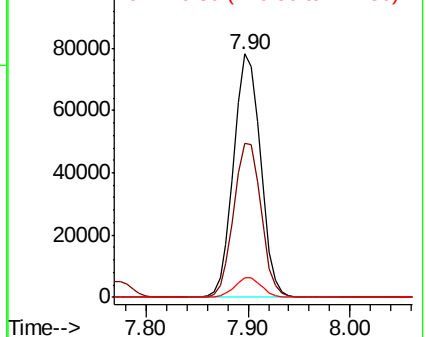
83 100

85 63.2 51.2 76.8

127 7.8 6.6 10.0



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: 49.412 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

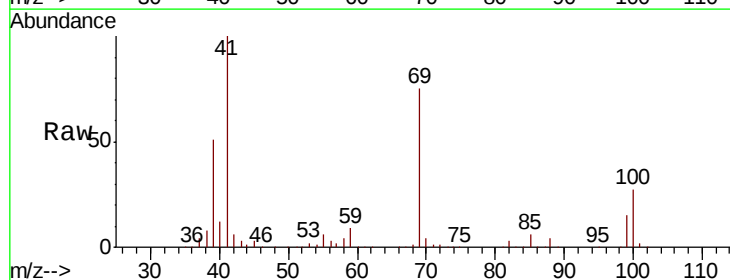
Tgt Ion: 41 Resp: 165391

Ion Ratio Lower Upper

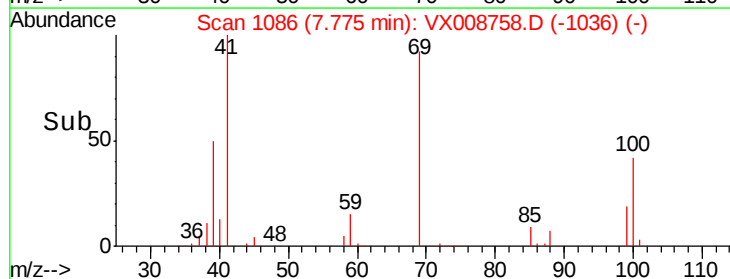
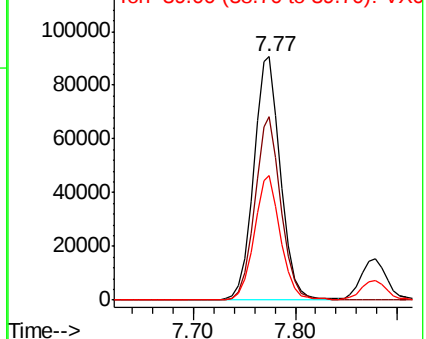
41 100

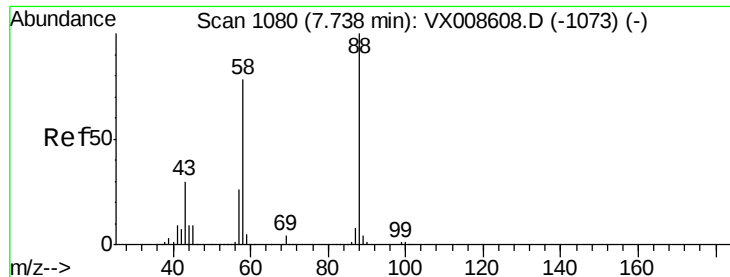
69 73.9 59.0 88.4

39 50.1 41.0 61.4



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

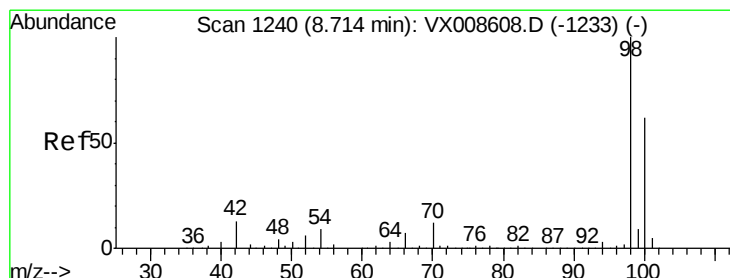
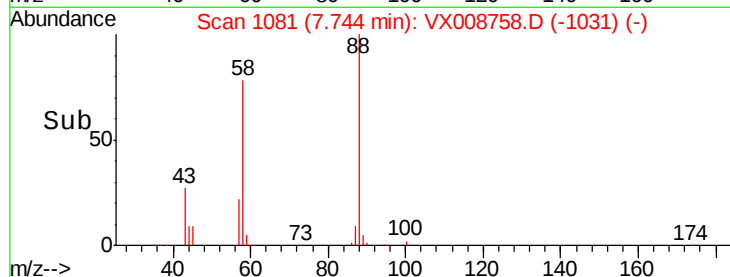
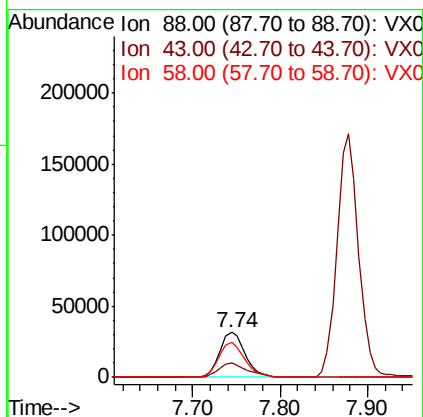
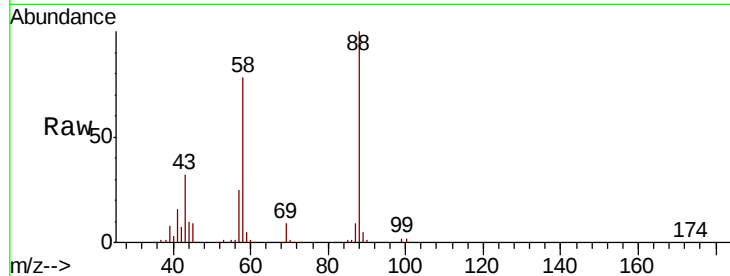




#49
1,4-Dioxane
Concen: 1023.785 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

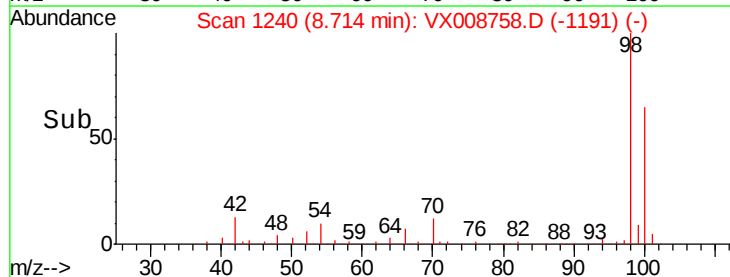
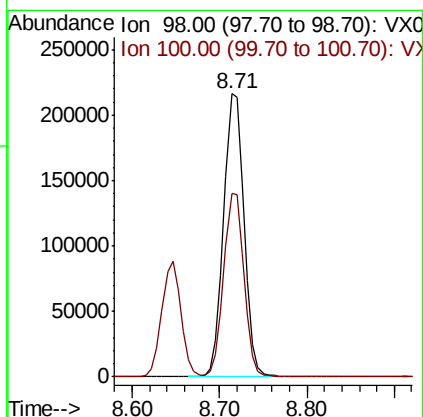
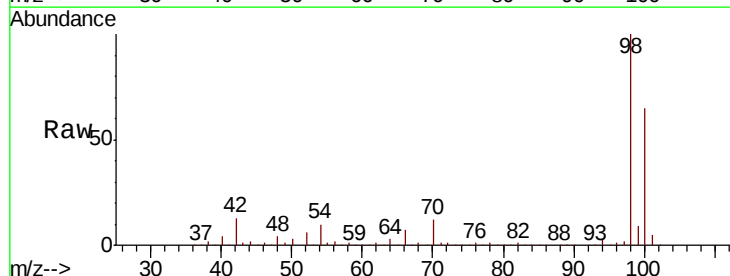
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

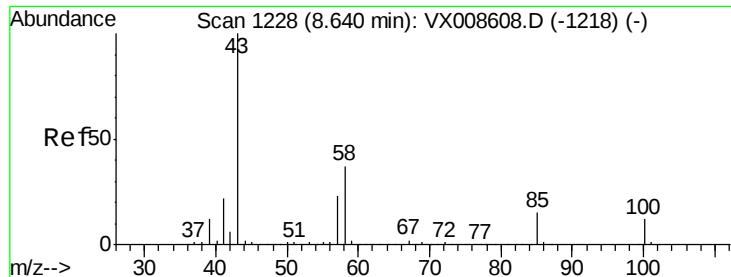
Tot Ion: 88 Resp: 64194
Ion Ratio Lower Upper
88 100
43 36.3 28.6 43.0
58 78.9 62.2 93.2



#50
Toluene-d8
Concen: 47.553 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 98 Resp: 350470
Ion Ratio Lower Upper
98 100
100 64.6 51.4 77.0

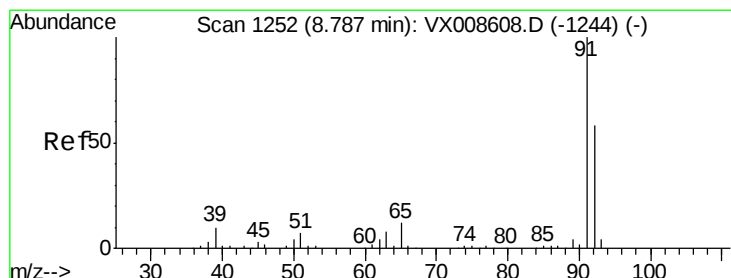
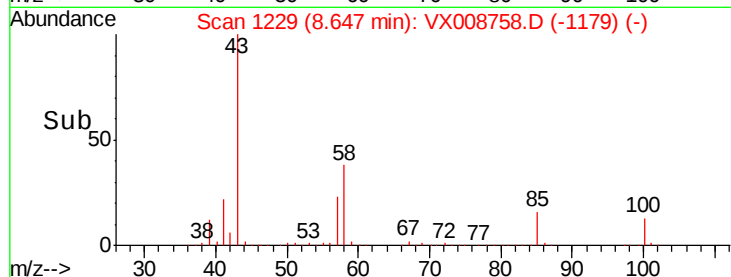
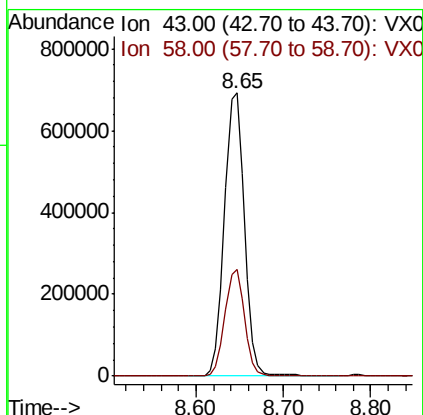
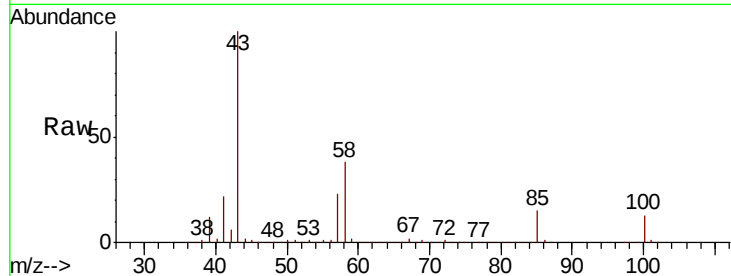




#51
4-Methyl-2-Pentanone
Concen: 257.666 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. 0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

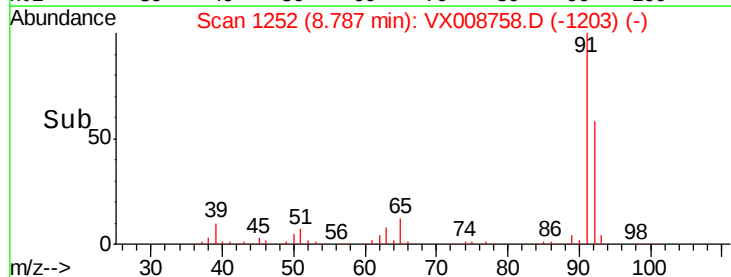
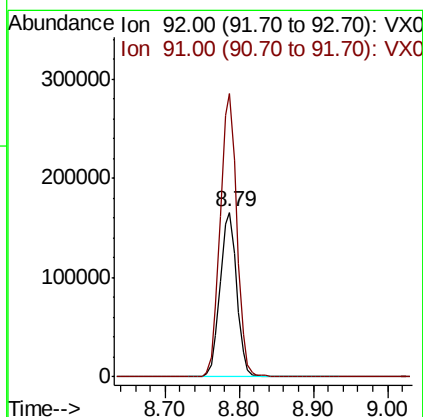
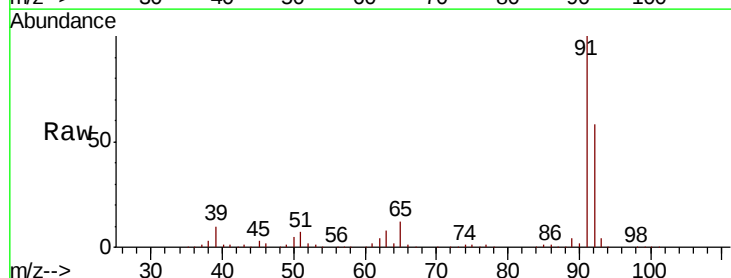
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

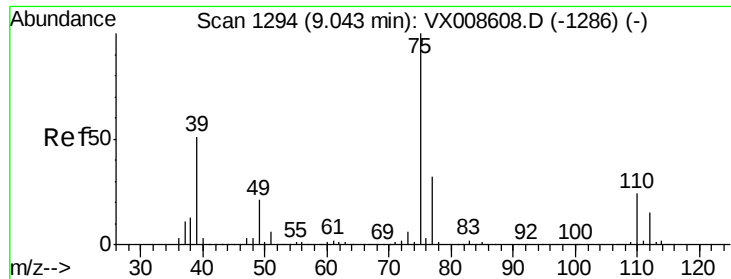
Tot Ion: 43 Resp: 1097553
Ion Ratio Lower Upper
43 100
58 37.0 29.5 44.3



#52
Toluene
Concen: 46.262 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 92 Resp: 257128
Ion Ratio Lower Upper
92 100
91 172.2 138.5 207.7

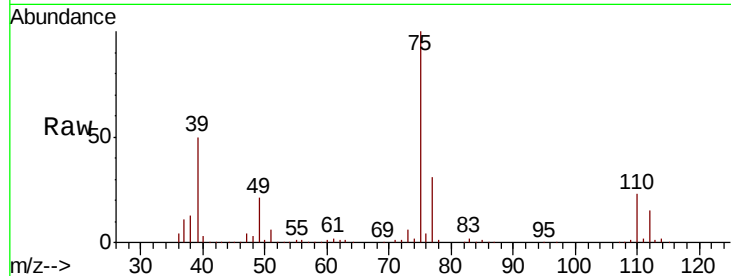




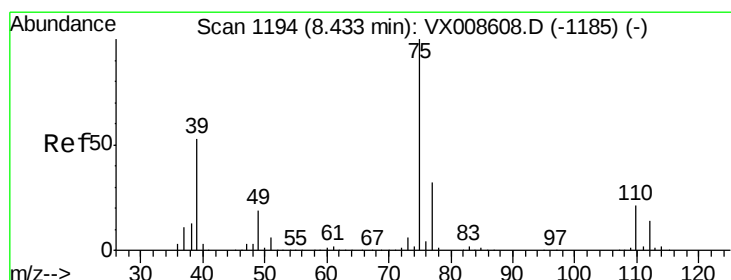
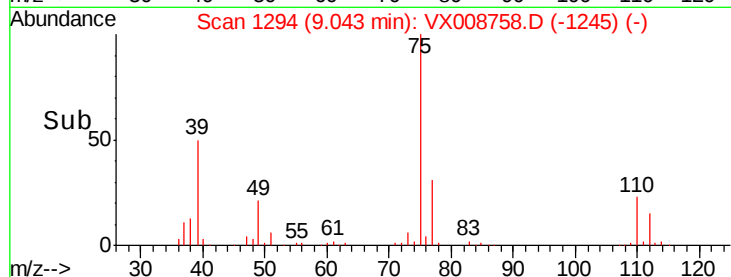
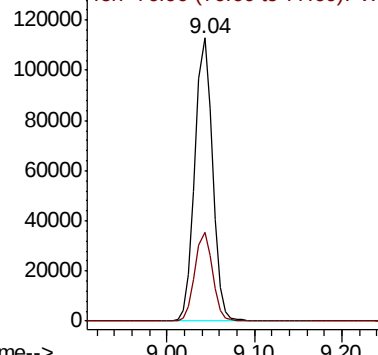
#53
 t-1,3-Dichloropropene
 Concen: 47.919 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 157954
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8

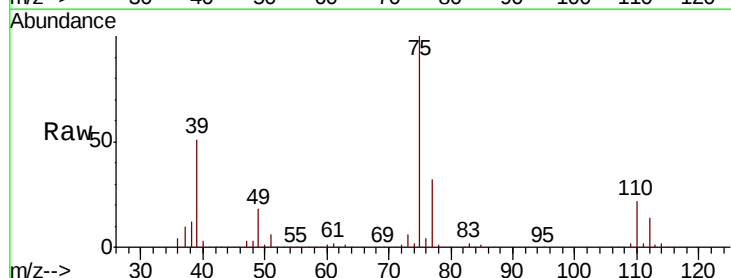


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0

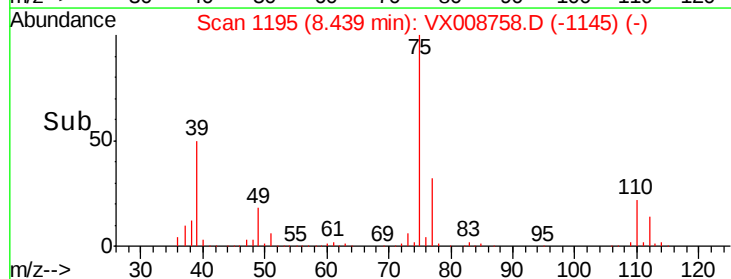
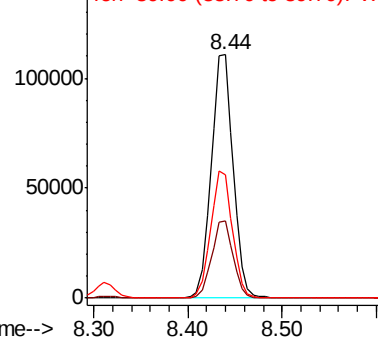


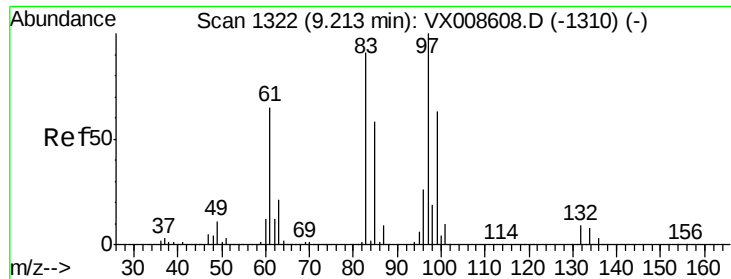
#54
 cis-1,3-Dichloropropene
 Concen: 47.289 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion: 75 Resp: 178112
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9
 39 50.5 42.6 63.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 76.90 (76.60 to 77.60): VX0
 Ion 39.00 (38.70 to 39.70): VX0

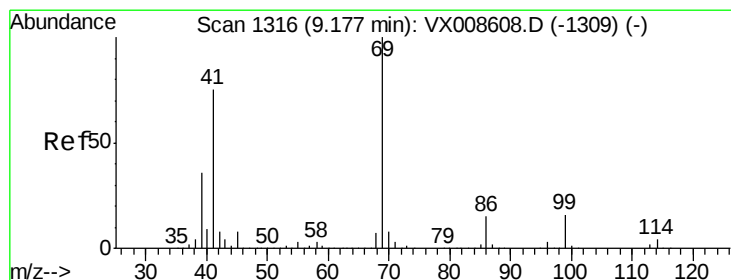
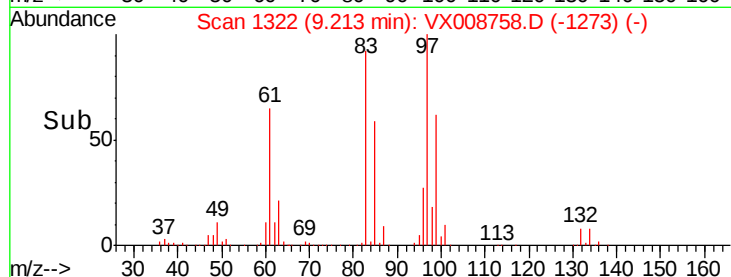
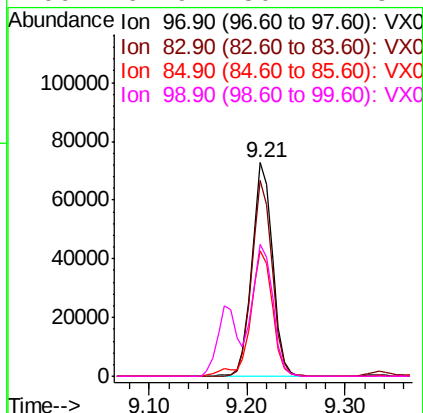
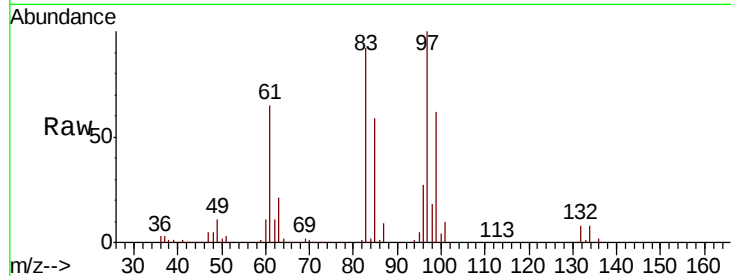




#55
 1,1,2-Trichloroethane
 Concen: 47.688 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

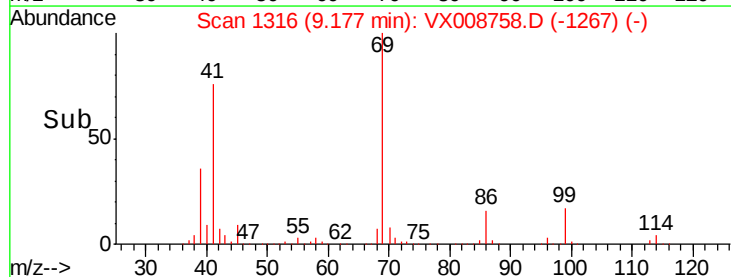
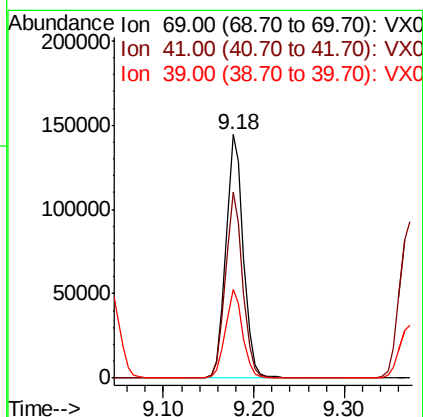
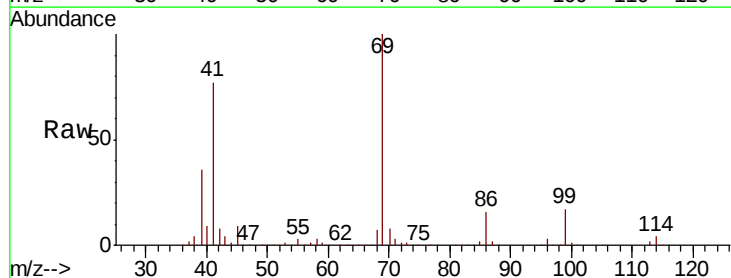
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

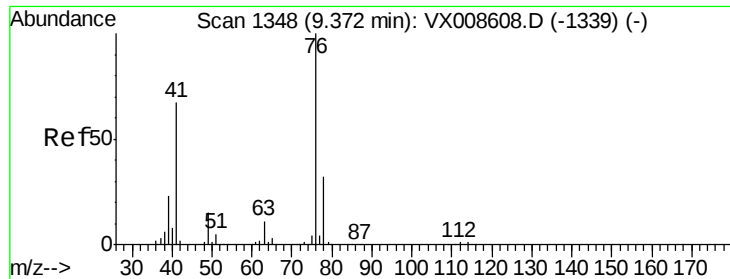
Tot Ion:	97	Resp:	106394
Ion	Ratio	Lower	Upper
97	100		
83	91.7	73.2	109.8
85	58.6	46.6	69.8
99	61.9	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 48.985 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion:	69	Resp:	197738
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.1	90.1
39	35.4	28.9	43.3





#57

1,3-Dichloropropane

Concen: 47.567 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

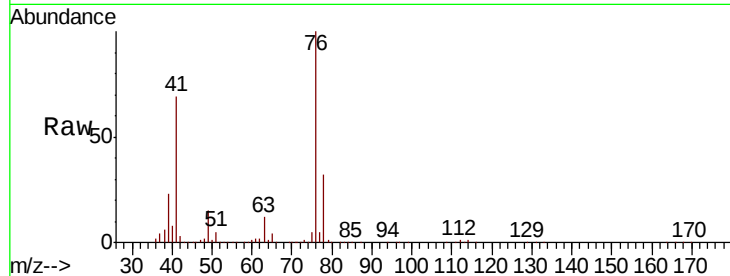
VSTDCCC050EC

Tot Ion: 76 Resp: 190565

Ion Ratio Lower Upper

76 100

78 32.1 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

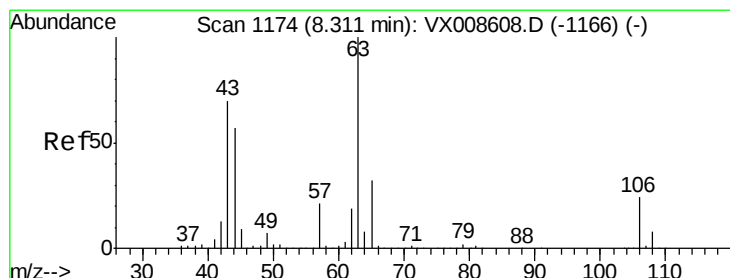
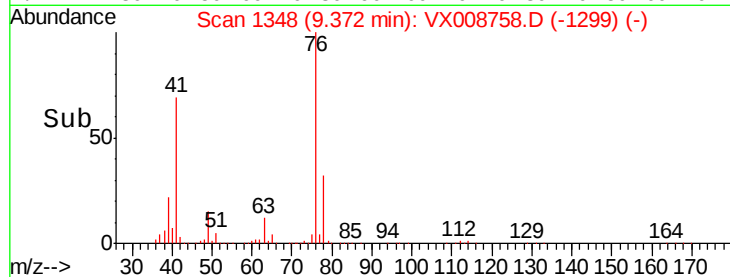
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 254.857 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX008758.D

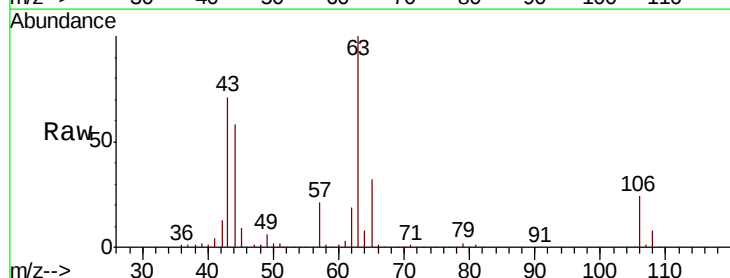
Acq: 08 Apr 2019 20:20

Tgt Ion: 63 Resp: 525315

Ion Ratio Lower Upper

63 100

106 24.1 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

400000

300000

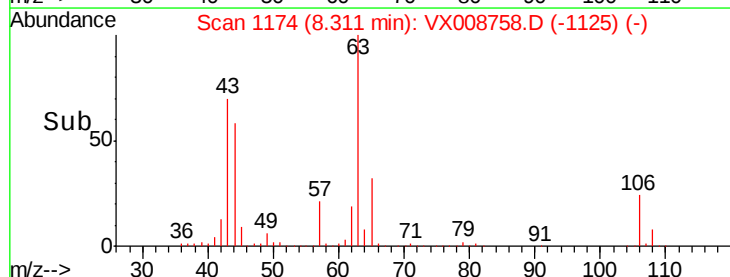
200000

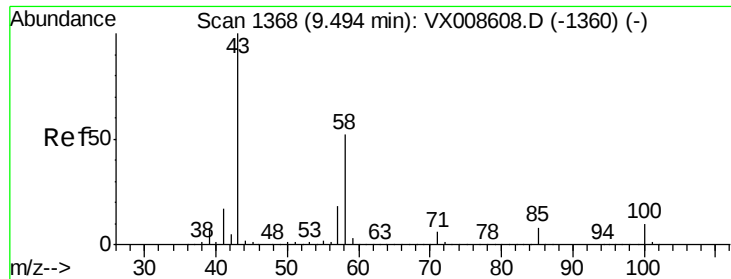
100000

0

Time-->

8.20 8.30 8.40

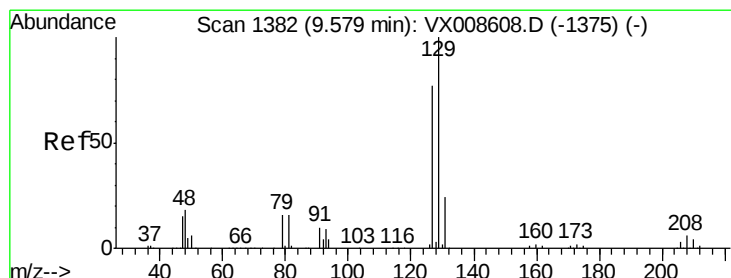
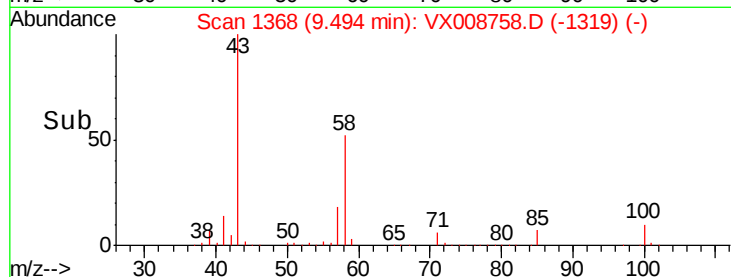
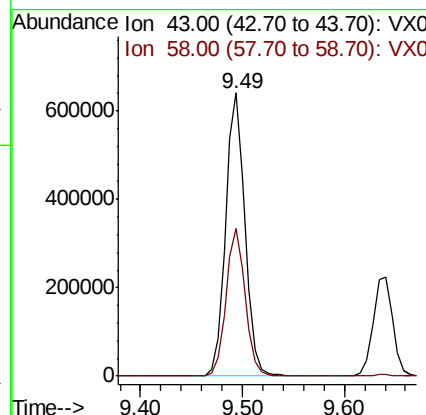
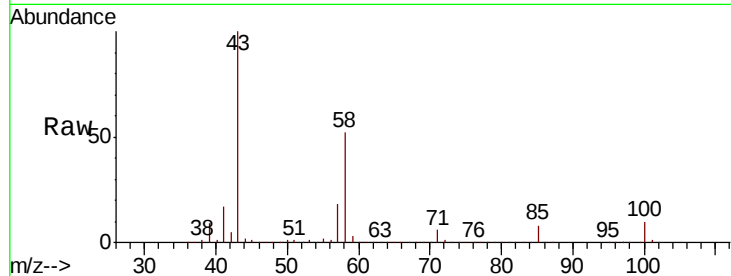




#59
2-Hexanone
Concen: 254.526 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

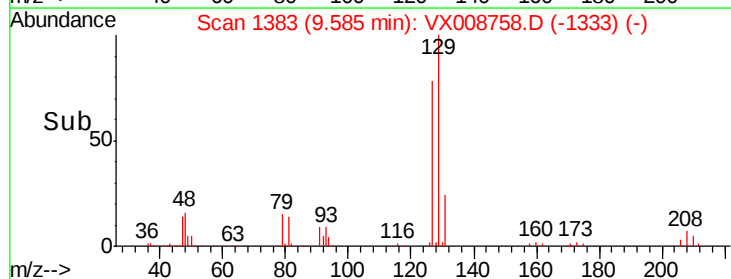
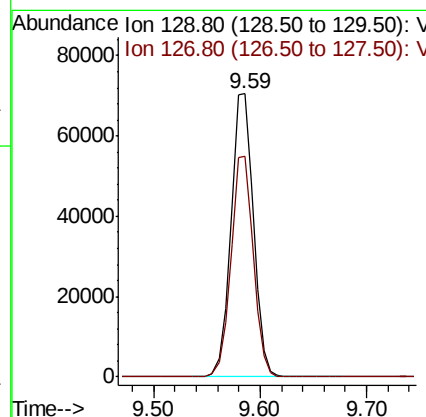
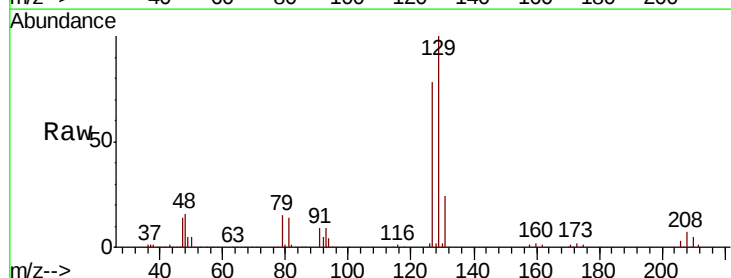
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

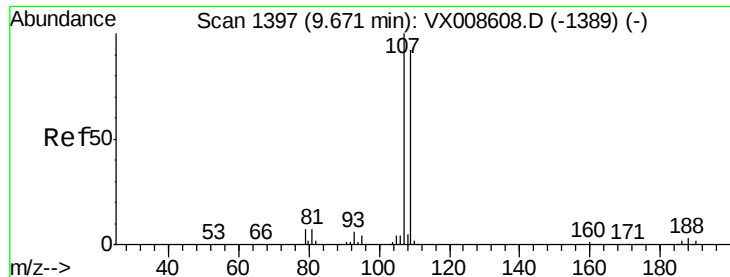
Tot Ion: 43 Resp: 842566
Ion Ratio Lower Upper
43 100
58 51.9 25.9 77.7



#60
Dibromochloromethane
Concen: 49.718 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 129 Resp: 104526
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 47.834 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

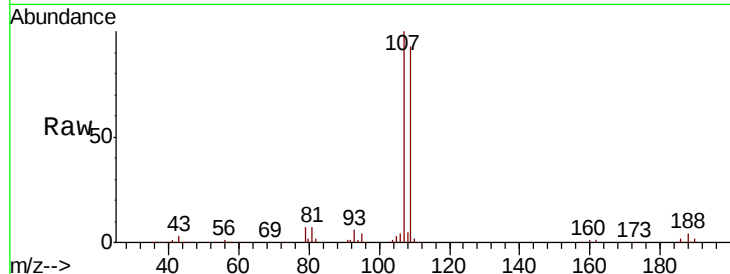
VSTDCCC050EC

Tot Ion:107 Resp: 111100

Ion Ratio Lower Upper

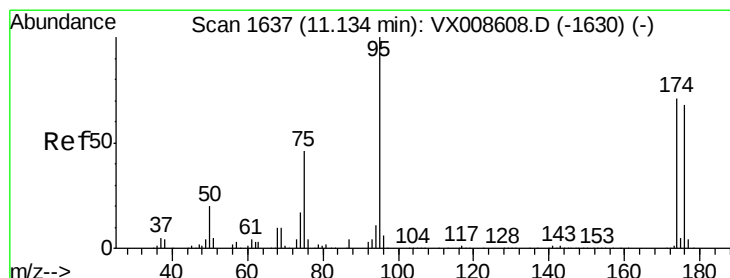
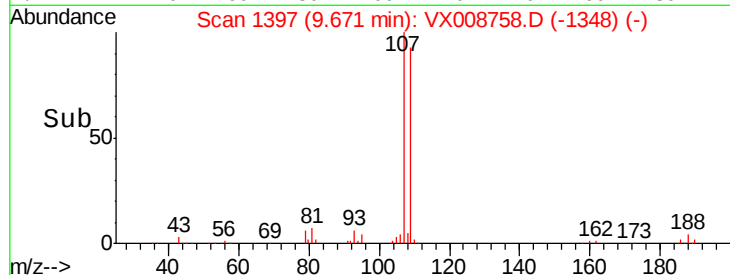
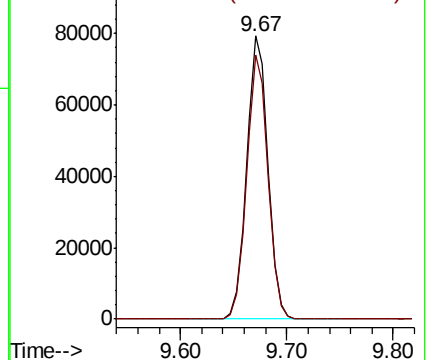
107 100

109 93.3 74.1 111.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.680 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

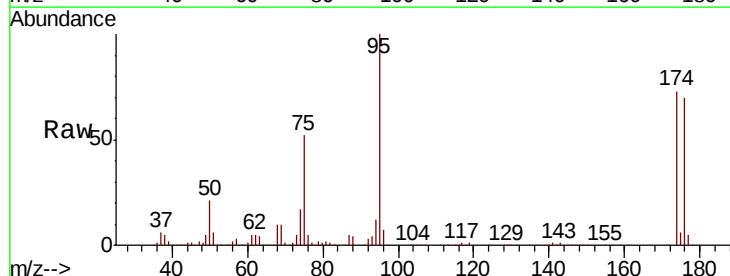
Tgt Ion: 95 Resp: 122002

Ion Ratio Lower Upper

95 100

174 78.1 0.0 151.8

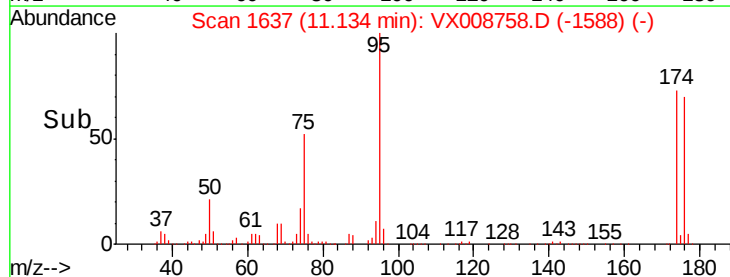
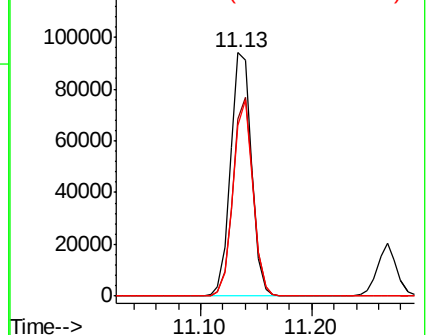
176 76.6 0.0 145.8

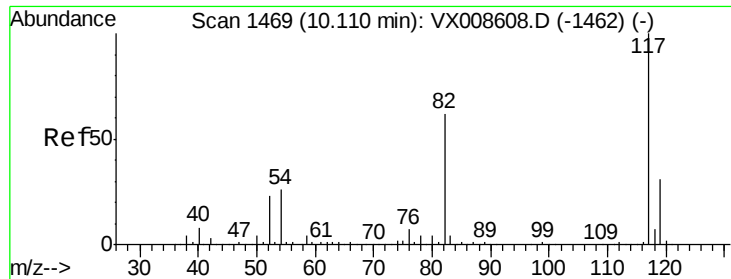


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

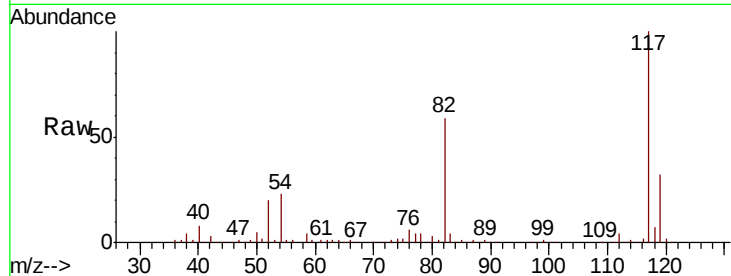




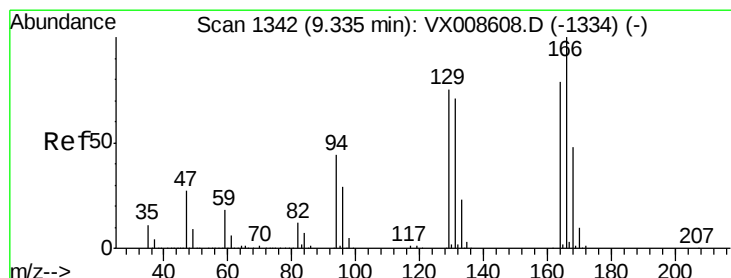
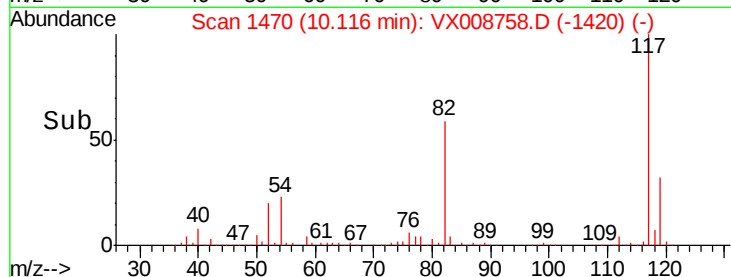
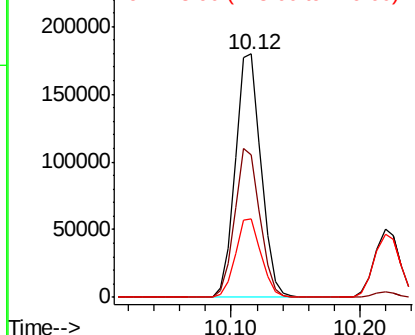
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 249332
Ion Ratio Lower Upper
117 100
82 58.6 49.6 74.4
119 32.0 25.0 37.4

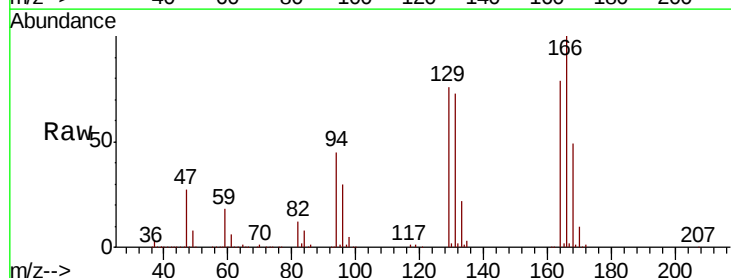


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

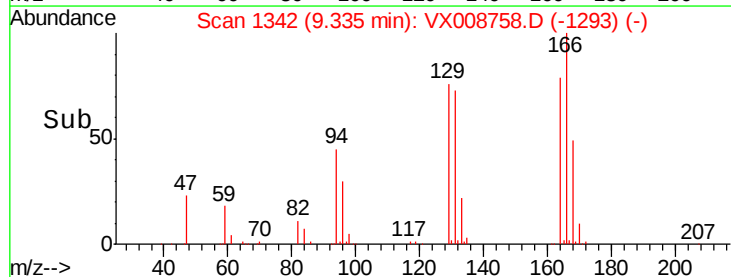
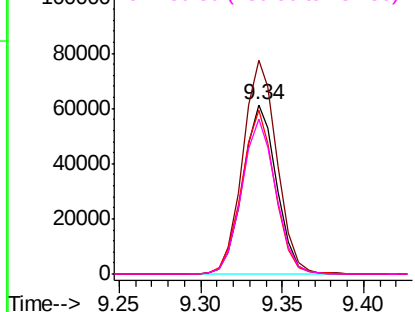


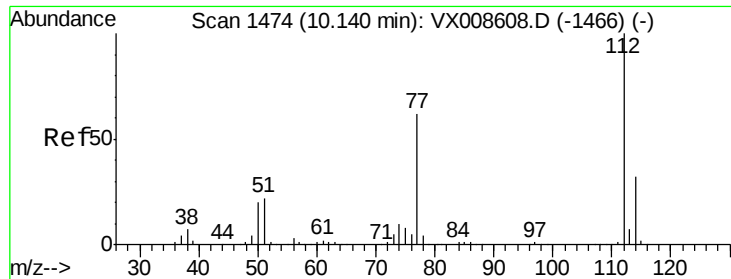
#64
Tetrachloroethene
Concen: 47.615 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion:164 Resp: 87959
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.6
129 96.4 75.8 113.8
131 91.5 71.8 107.8



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

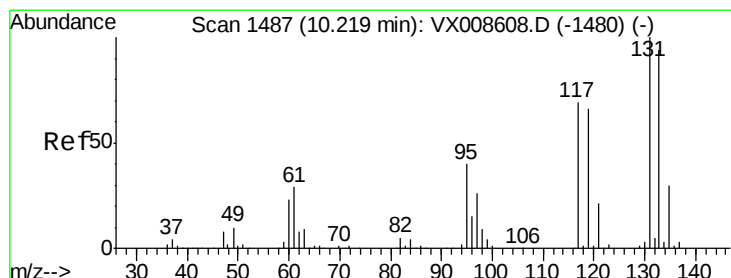
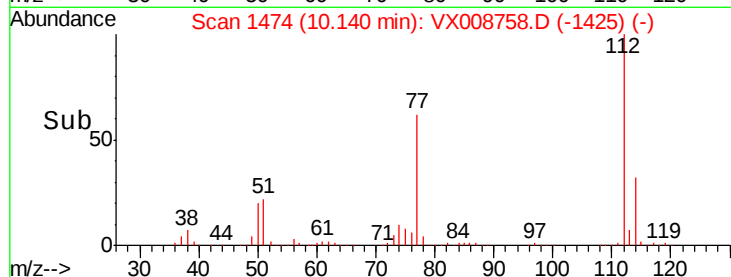
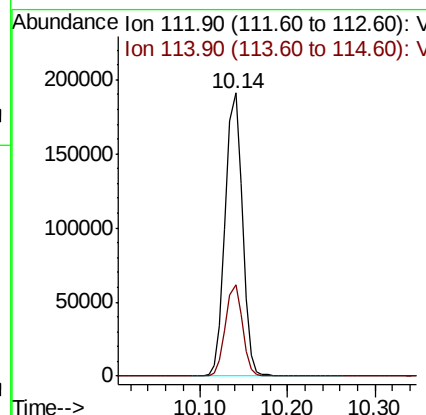
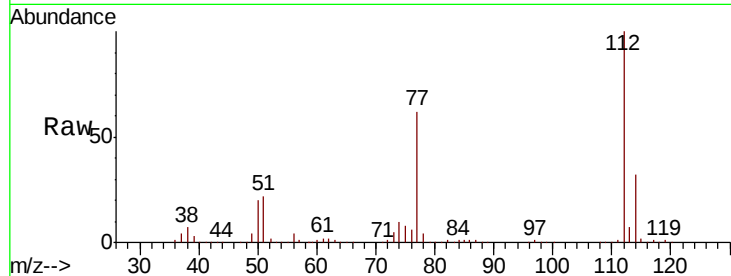




#65
Chlorobenzene
Concen: 46.871 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

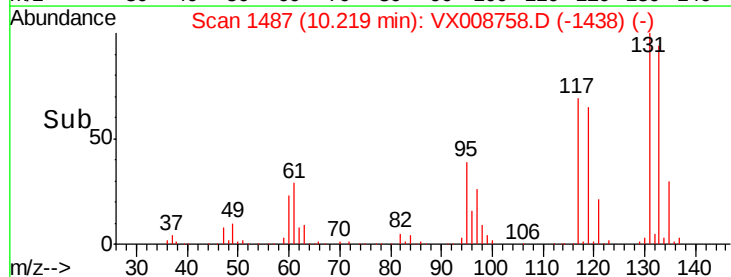
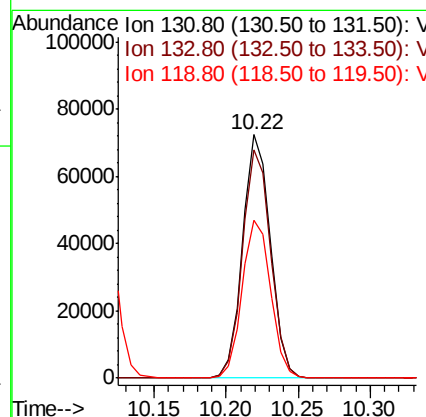
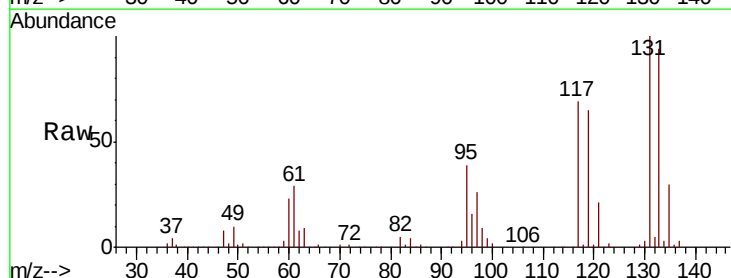
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

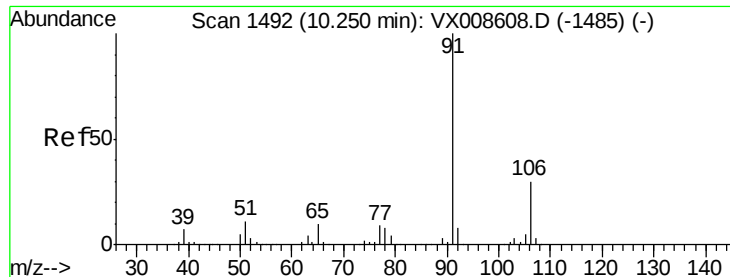
Tot Ion:112 Resp: 259051
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.080 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion:131 Resp: 97102
Ion Ratio Lower Upper
131 100
133 94.9 47.0 141.2
119 66.6 33.7 101.0

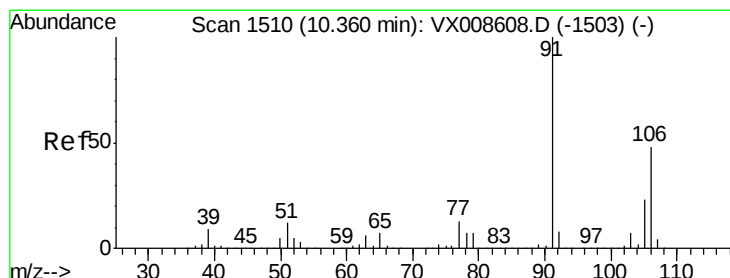
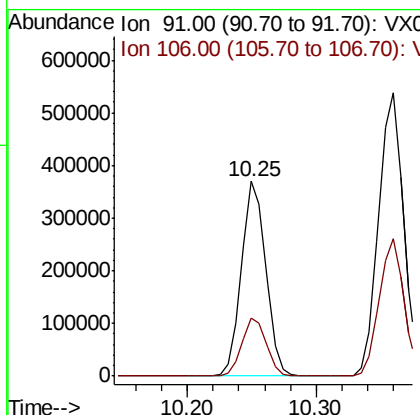
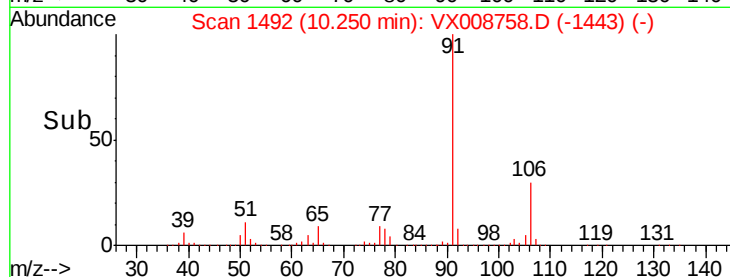
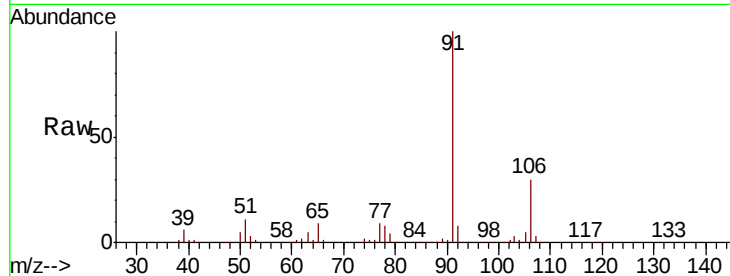




#67
Ethyl Benzene
Concen: 46.881 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

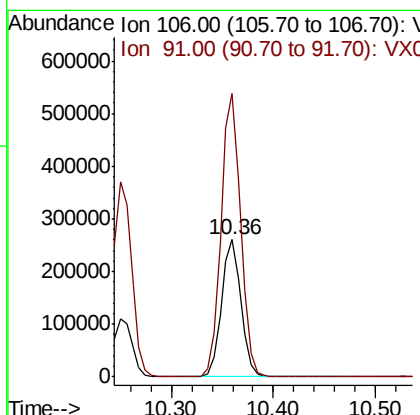
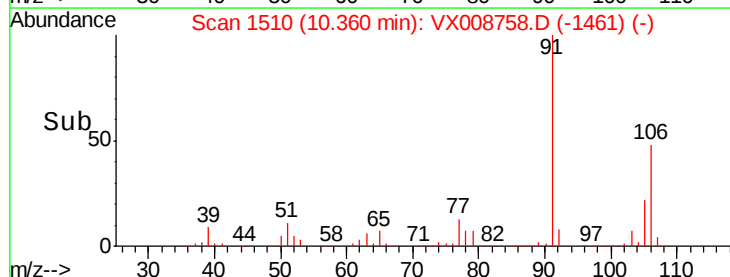
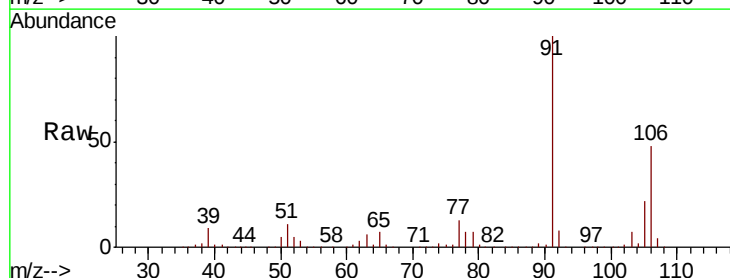
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

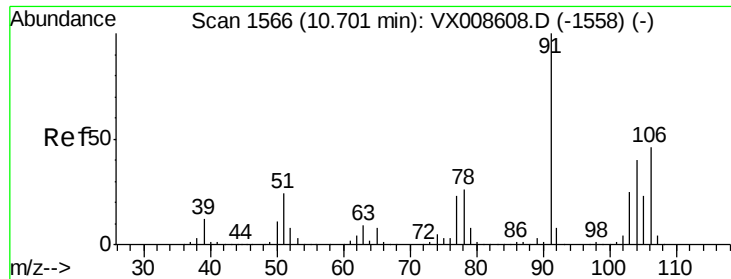
Tot Ion: 91 Resp: 483150
Ion Ratio Lower Upper
91 100
106 29.9 23.7 35.5



#68
m/p-Xylenes
Concen: 92.925 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 106 Resp: 344334
Ion Ratio Lower Upper
106 100
91 208.9 168.5 252.7

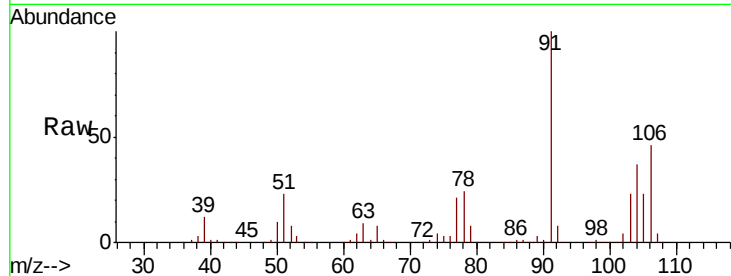




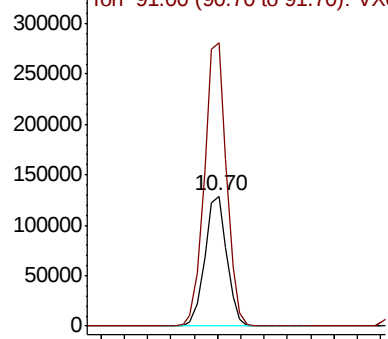
#69
o-Xylene
Concen: 47.189 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

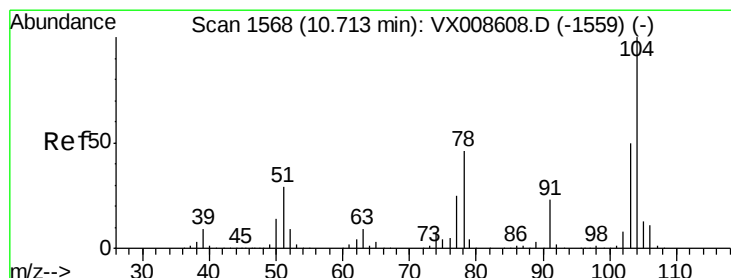
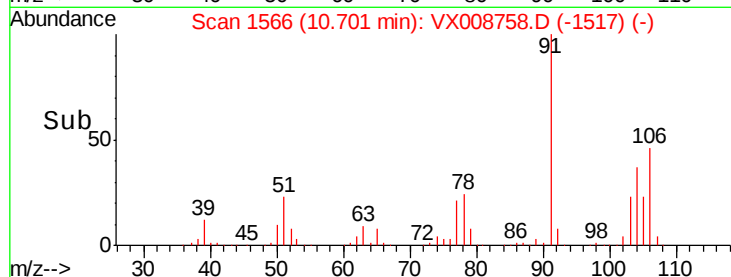
Tot Ion:106 Resp: 169459
Ion Ratio Lower Upper
106 100
91 219.1 111.5 334.4



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

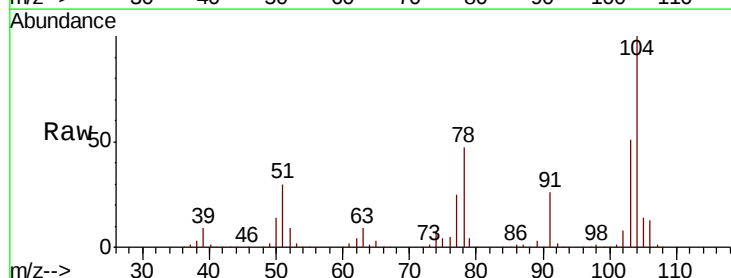


Time--> 10.60 10.70 10.80

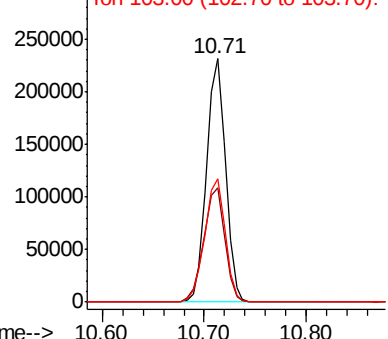


#70
Styrene
Concen: 47.831 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

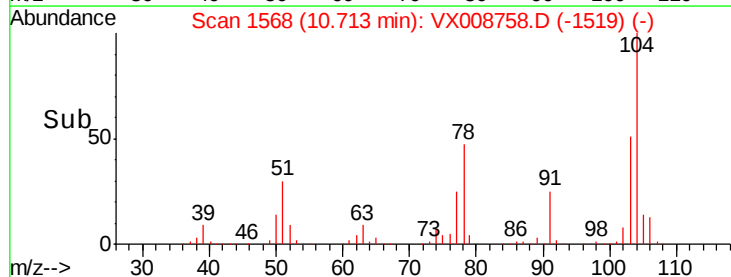
Tgt Ion:104 Resp: 296079
Ion Ratio Lower Upper
104 100
78 52.3 42.3 63.5
103 55.2 44.4 66.6

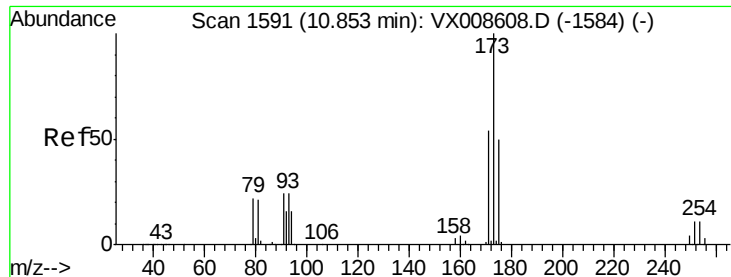


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60 10.70 10.80





#71

Bromoform

Concen: 51.922 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

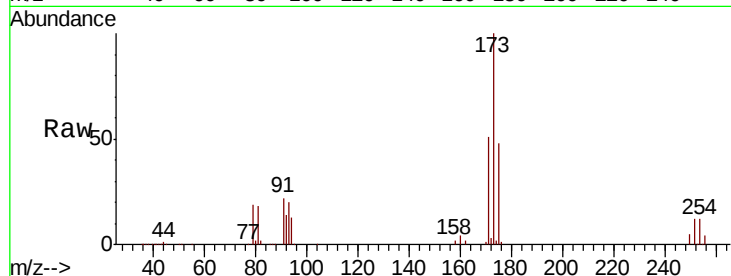
Tot Ion:173 Resp: 76890

Ion Ratio Lower Upper

173 100

175 48.6 24.9 74.6

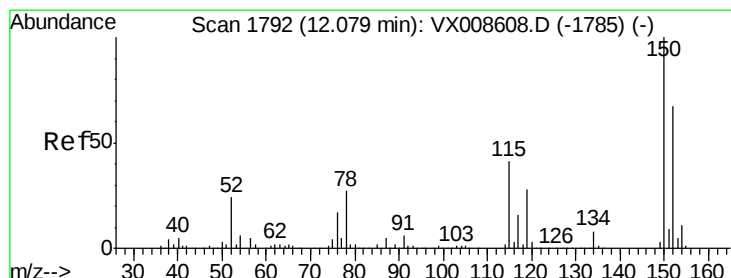
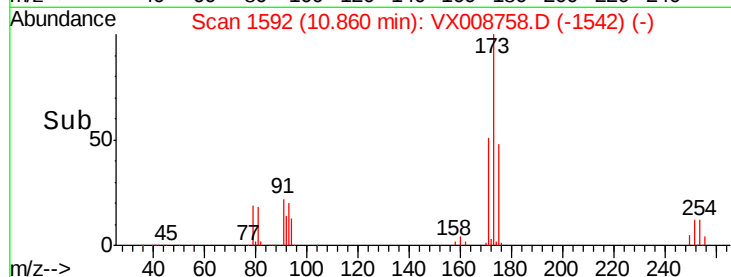
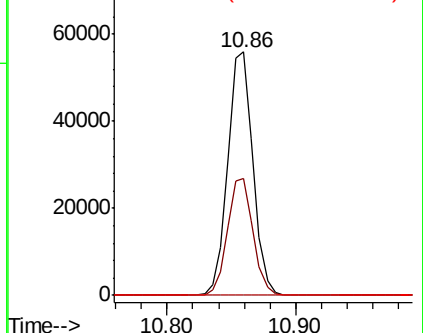
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

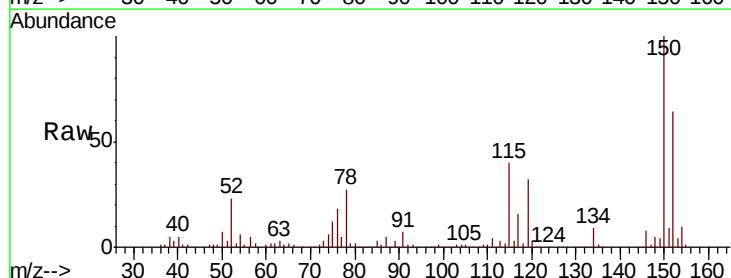
Tgt Ion:152 Resp: 113392

Ion Ratio Lower Upper

152 100

115 83.5 43.5 130.5

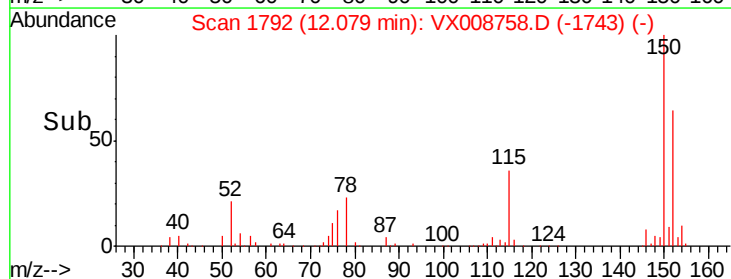
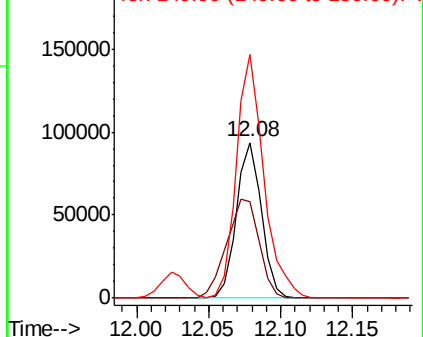
150 171.7 0.0 348.8

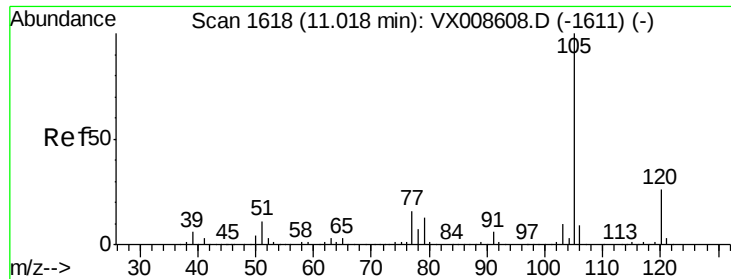


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.764 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

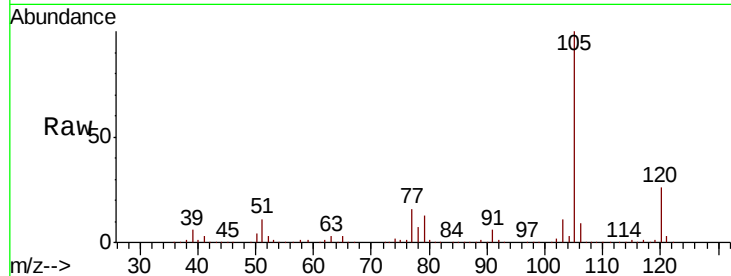
VSTDCCC050EC

Tot Ion:105 Resp: 448841

Ion Ratio Lower Upper

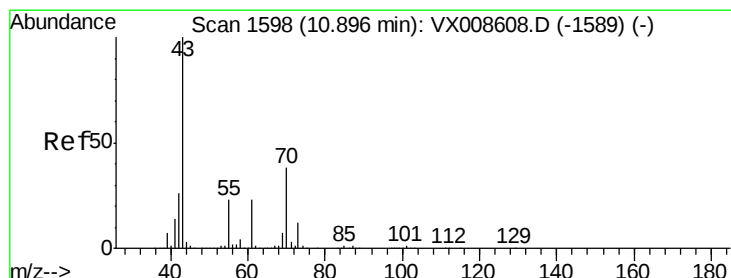
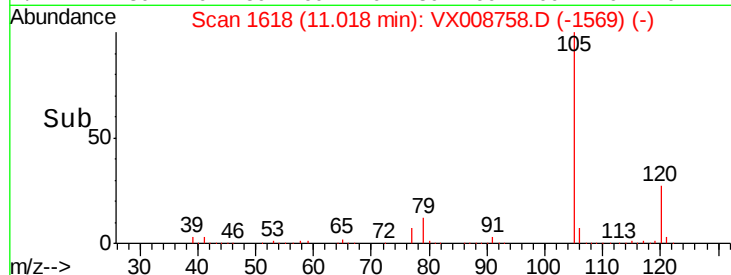
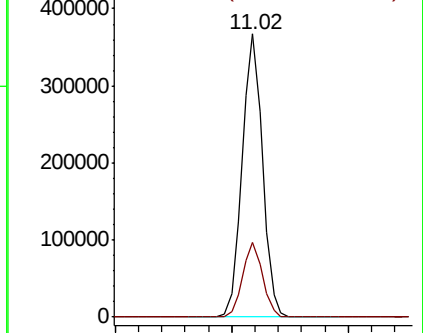
105 100

120 25.9 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.141 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Tgt Ion: 43 Resp: 277217

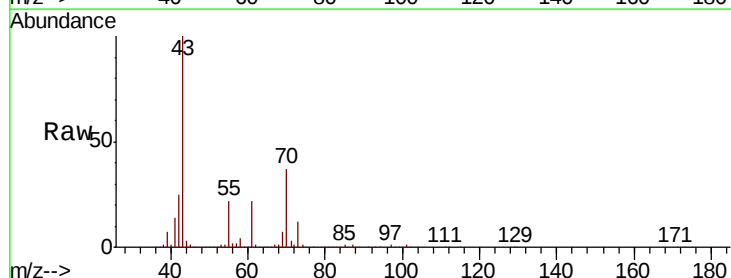
Ion Ratio Lower Upper

43 100

70 37.7 30.2 45.4

55 22.6 18.2 27.4

61 22.5 18.6 28.0

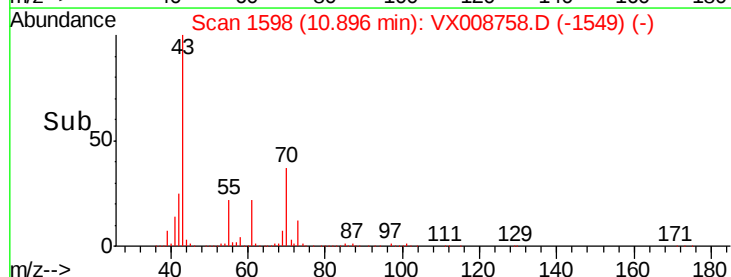
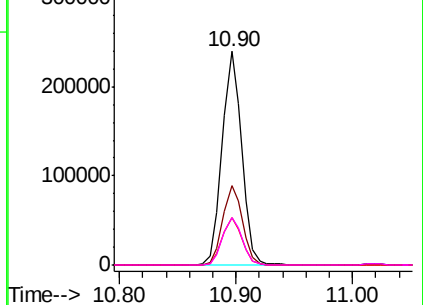


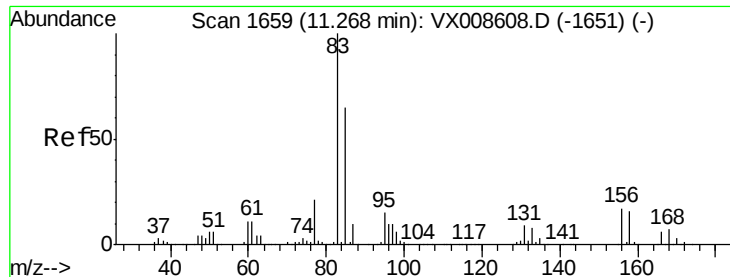
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.724 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

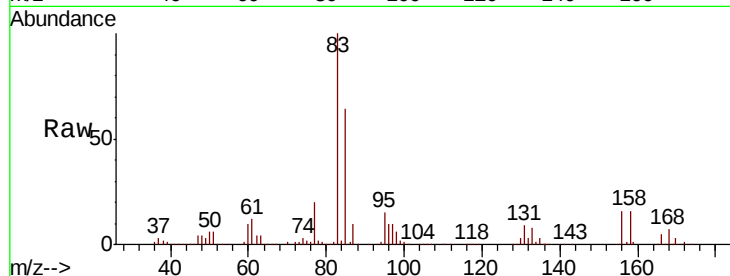
Tot Ion: 83 Resp: 174133

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.7

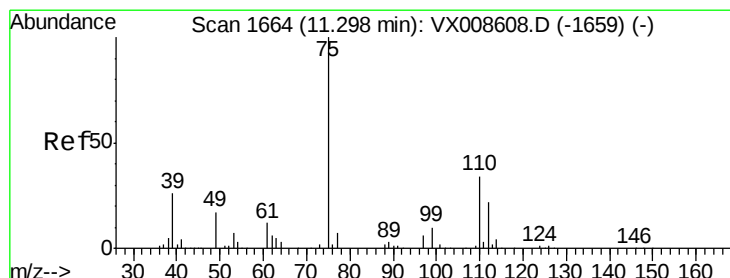
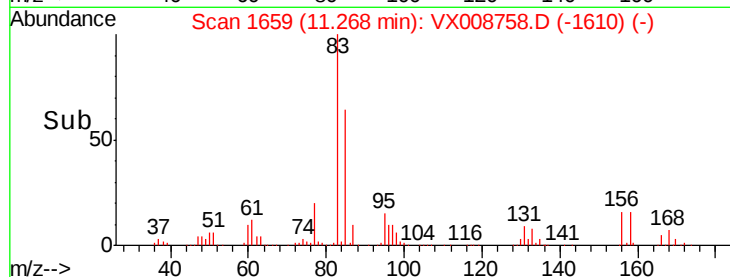
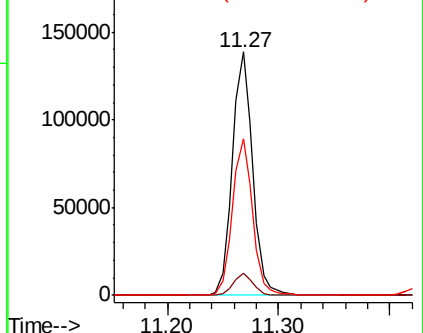
85 64.3 32.0 96.2



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: 65.836 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX008758.D

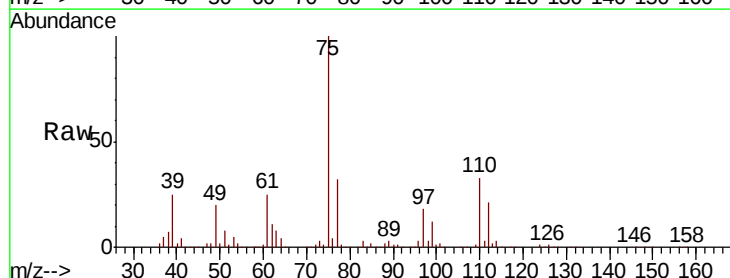
Acq: 08 Apr 2019 20:20

Tgt Ion: 75 Resp: 205077

Ion Ratio Lower Upper

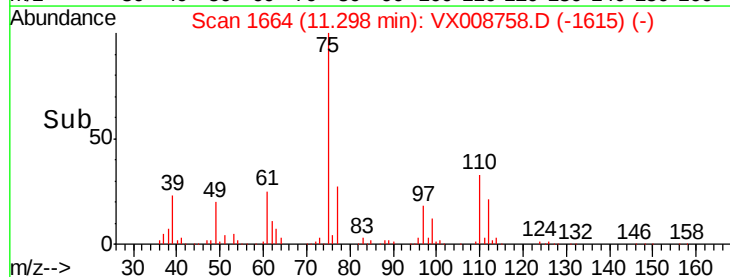
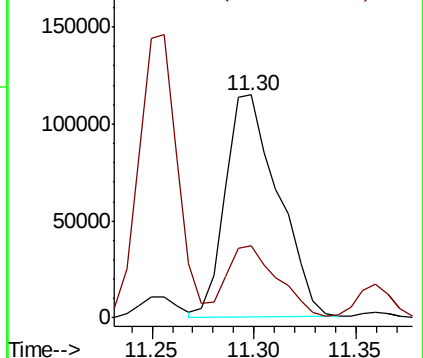
75 100

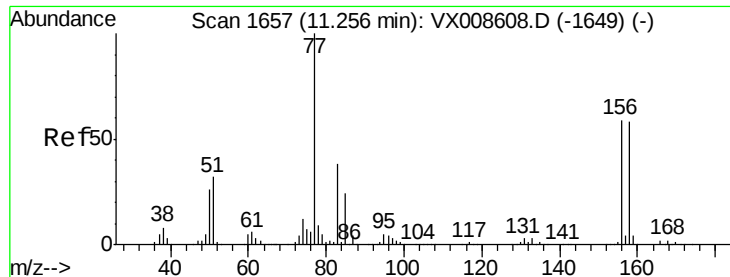
77 32.0 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.674 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

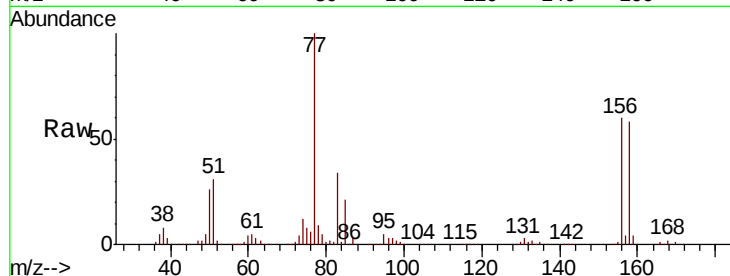
Tot Ion:156 Resp: 107700

Ion Ratio Lower Upper

156 100

77 176.8 89.8 269.6

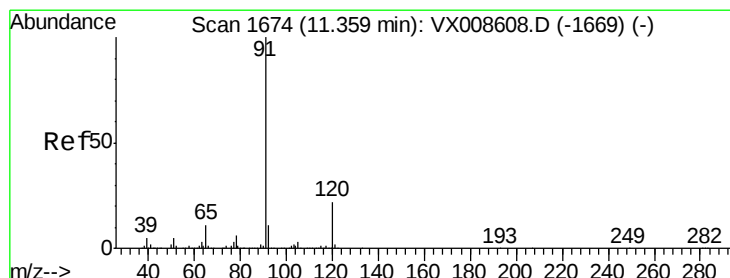
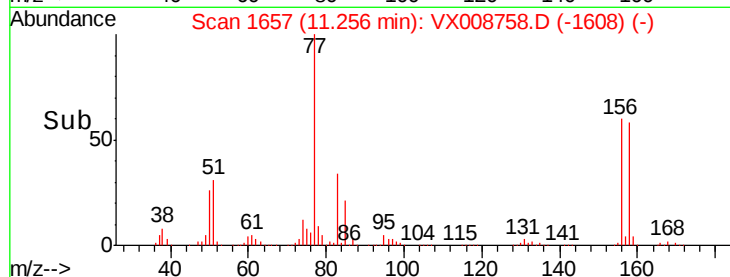
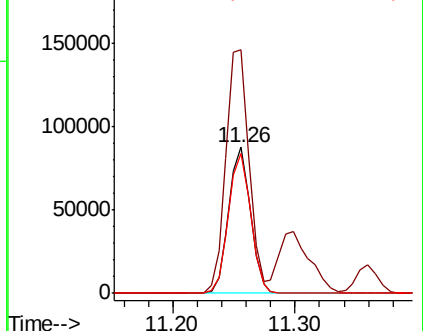
158 97.5 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.120 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008758.D

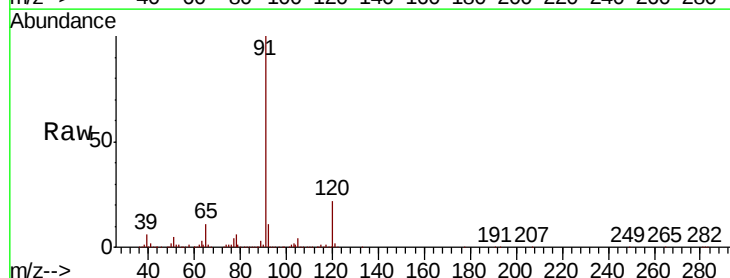
Acq: 08 Apr 2019 20:20

Tgt Ion: 91 Resp: 515573

Ion Ratio Lower Upper

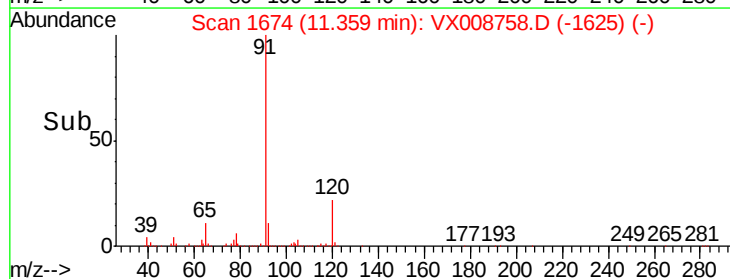
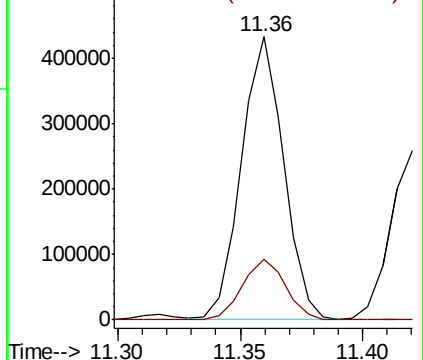
91 100

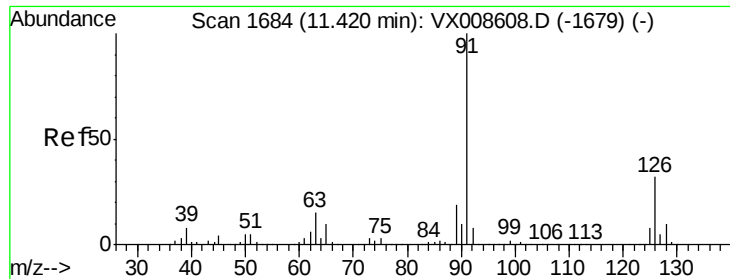
120 21.8 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

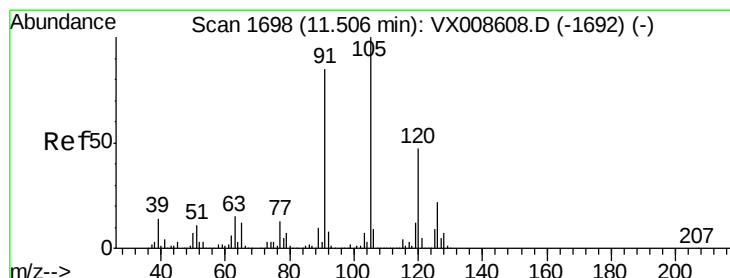
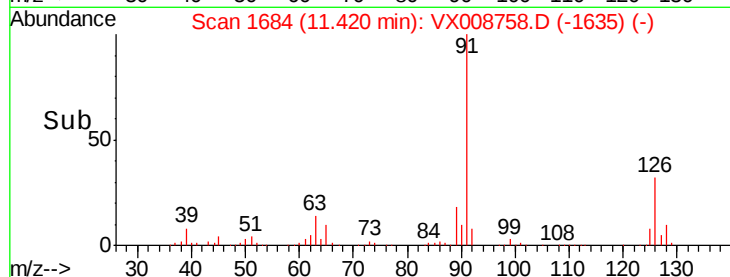
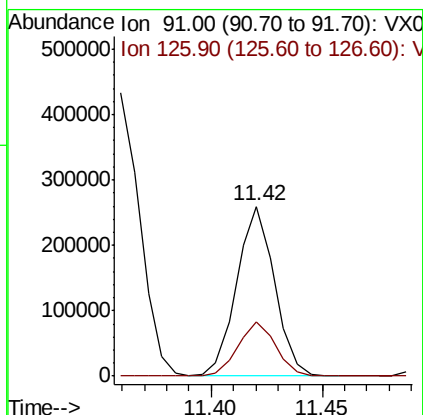
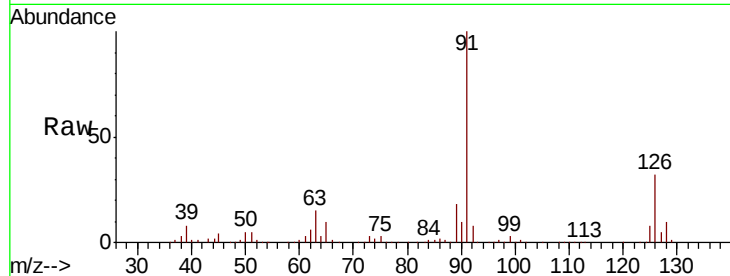




#79
2-Chlorotoluene
Concen: 46.402 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

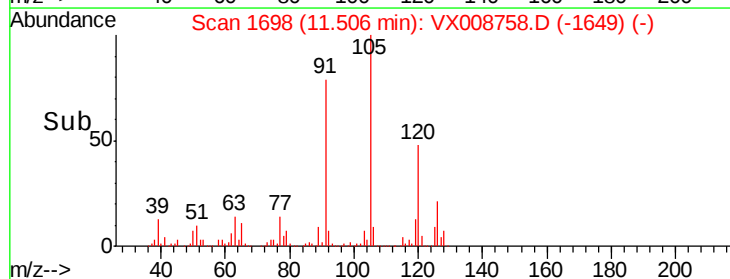
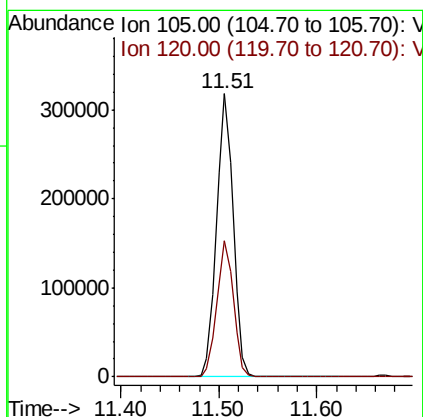
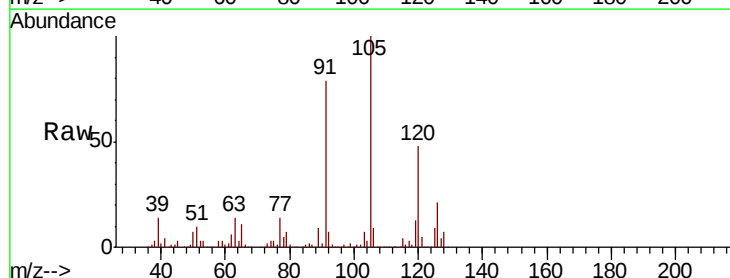
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

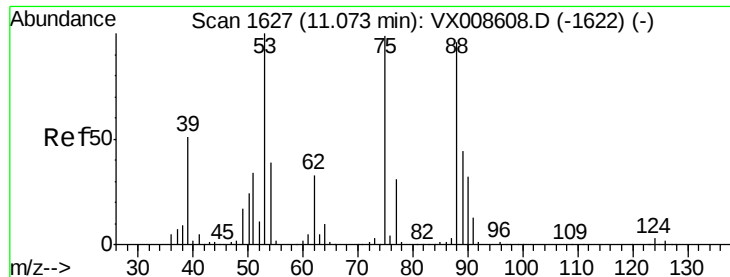
Tot Ion: 91 Resp: 307249
Ion Ratio Lower Upper
91 100
126 32.2 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 47.649 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 105 Resp: 375864
Ion Ratio Lower Upper
105 100
120 48.0 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 49.665 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

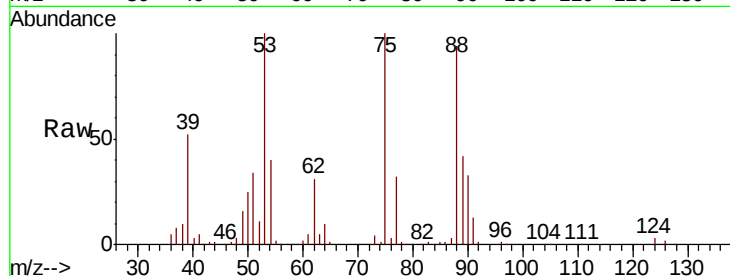
Tot Ion: 75 Resp: 56123

Ion Ratio Lower Upper

75 100

53 101.0 81.3 121.9

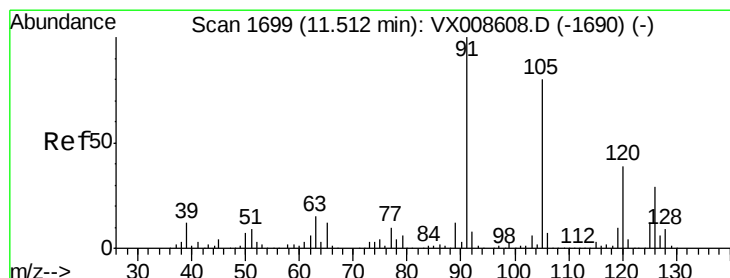
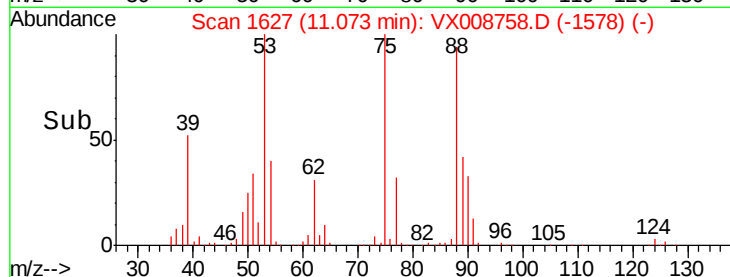
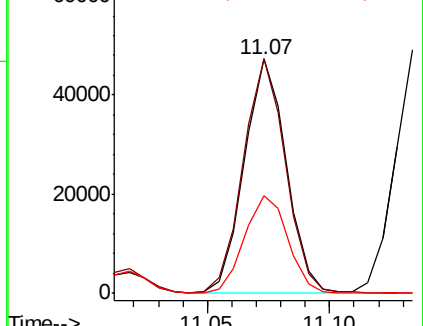
89 43.5 35.6 53.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.486 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX008758.D

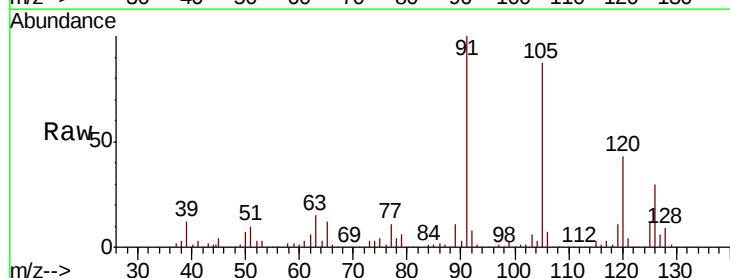
Acq: 08 Apr 2019 20:20

Tgt Ion: 91 Resp: 348630

Ion Ratio Lower Upper

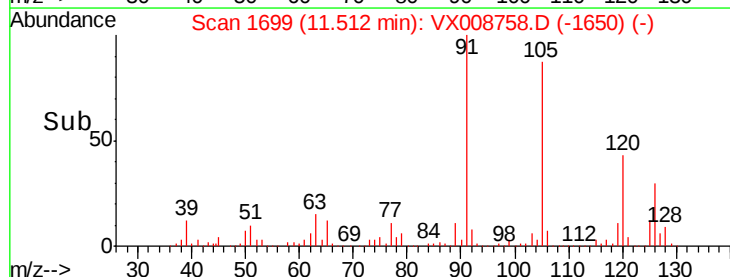
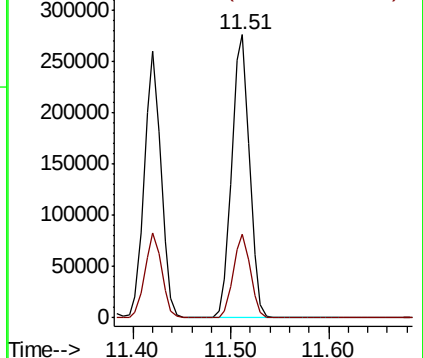
91 100

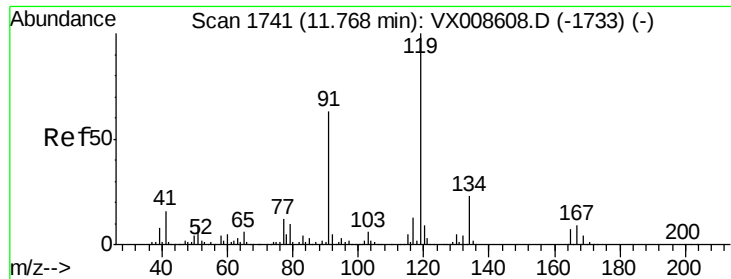
126 28.8 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

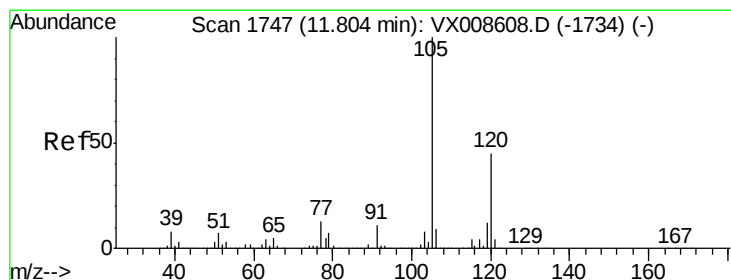
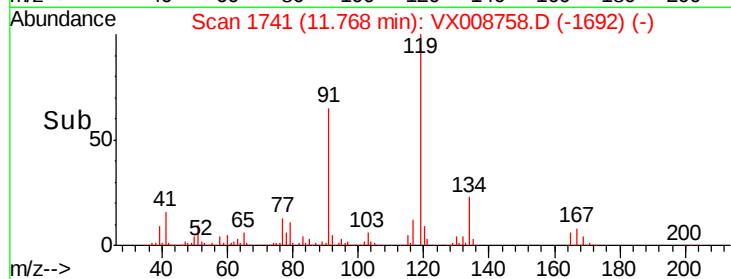
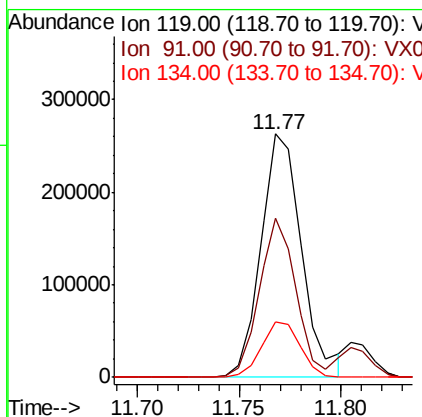
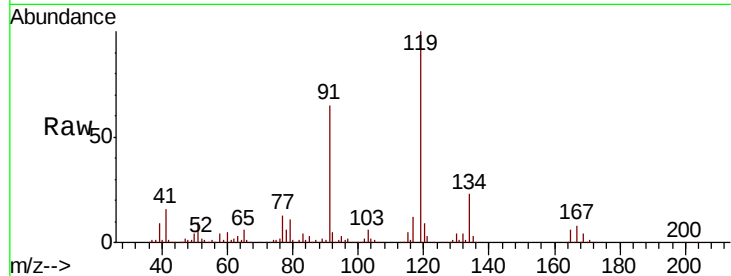




#83
tert-Butylbenzene
Concen: 48.080 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

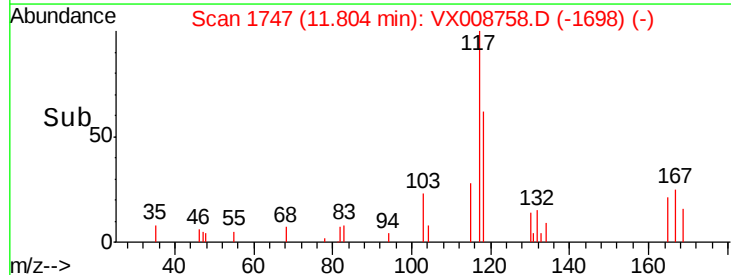
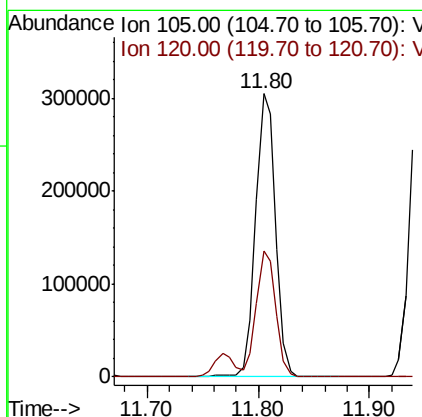
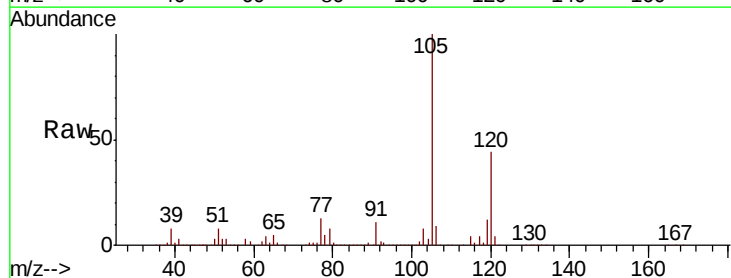
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

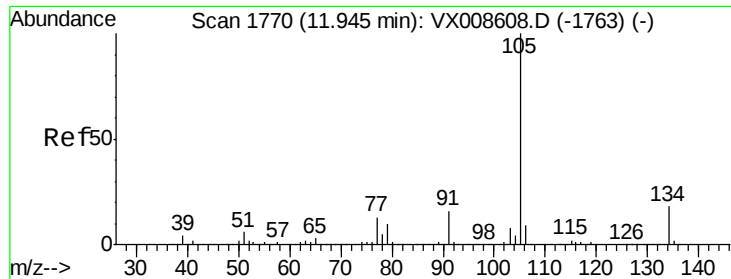
Tot Ion:119 Resp: 364873
Ion Ratio Lower Upper
119 100
91 58.7 30.0 90.1
134 21.8 11.1 33.3



#84
1,2,4-Trimethylbenzene
Concen: 47.634 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion:105 Resp: 380463
Ion Ratio Lower Upper
105 100
120 43.3 21.8 65.3





#85

sec-Butylbenzene

Concen: 47.400 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

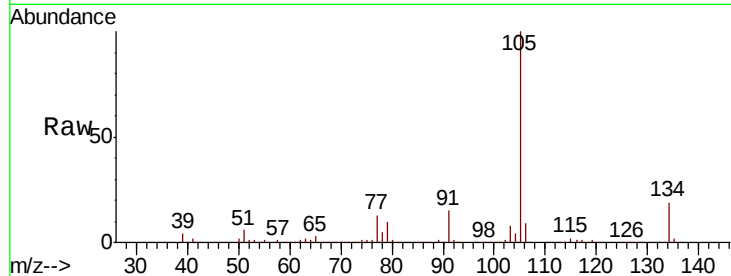
VSTDCCC050EC

Tot Ion:105 Resp: 427275

Ion Ratio Lower Upper

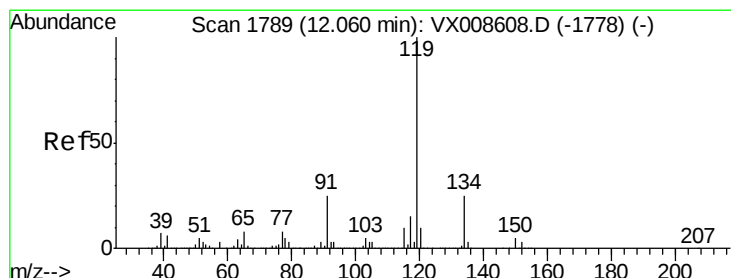
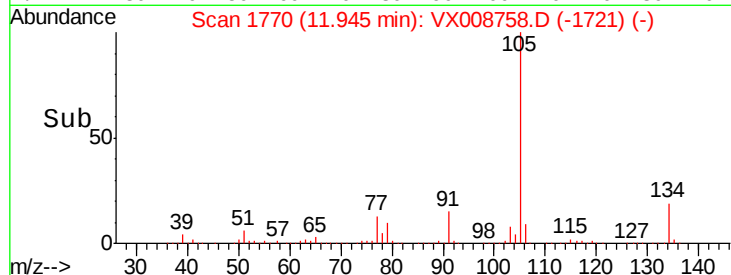
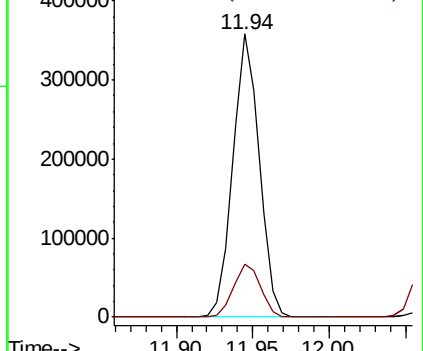
105 100

134 19.2 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.435 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

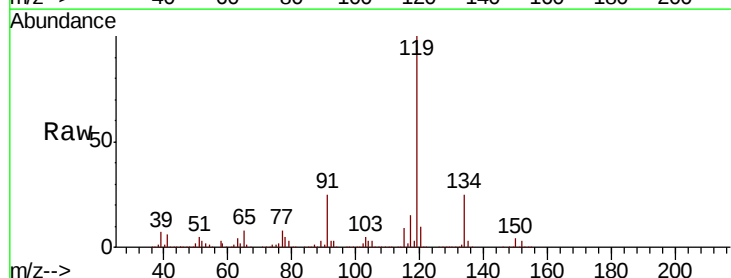
Tgt Ion:119 Resp: 383784

Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

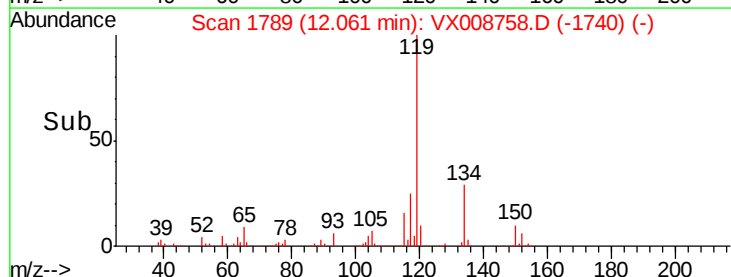
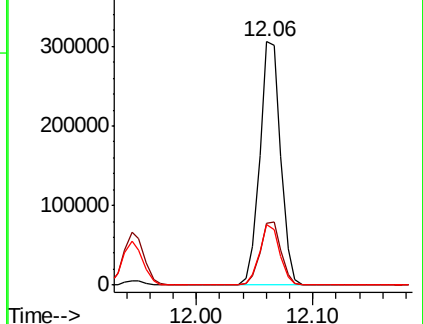
91 24.1 12.2 36.6

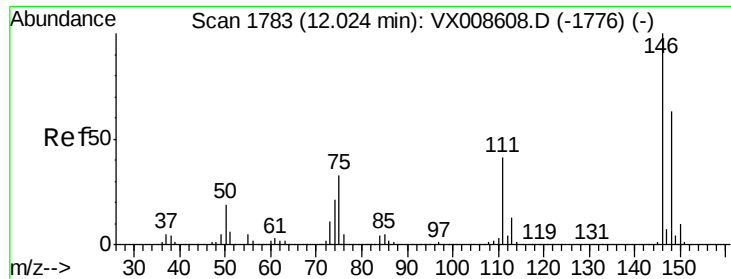


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

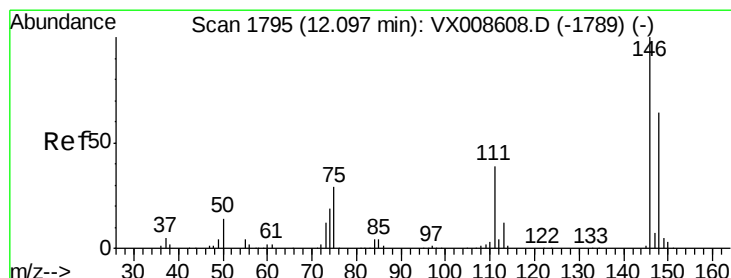
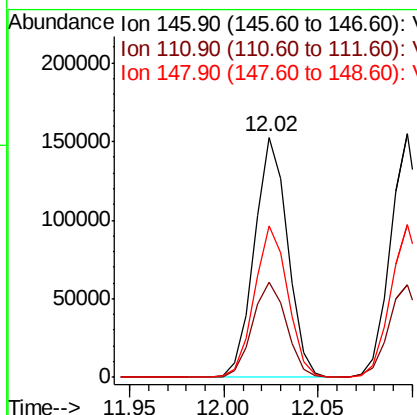
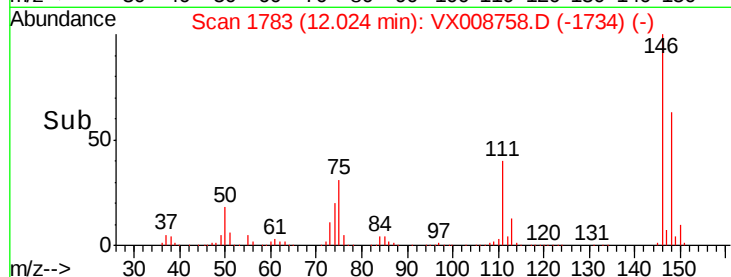
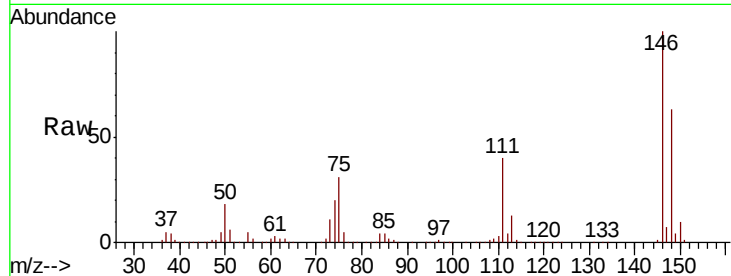




#87
 1,3-Dichlorobenzene
 Concen: 46.222 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

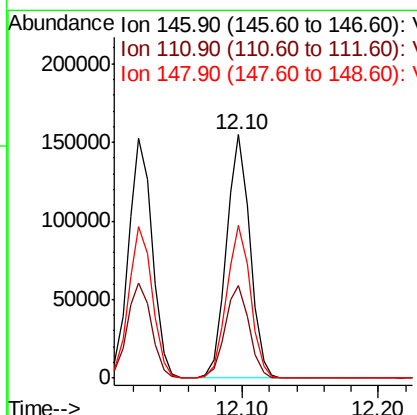
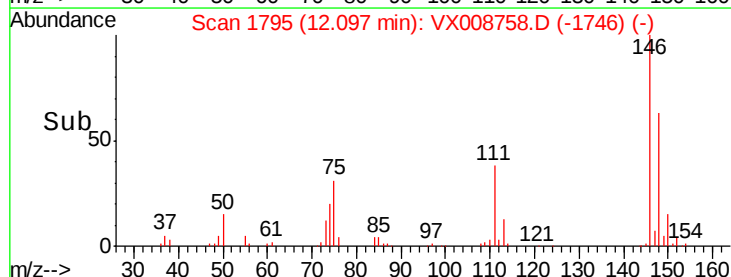
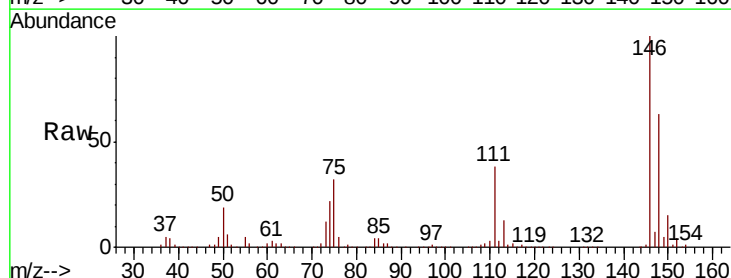
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

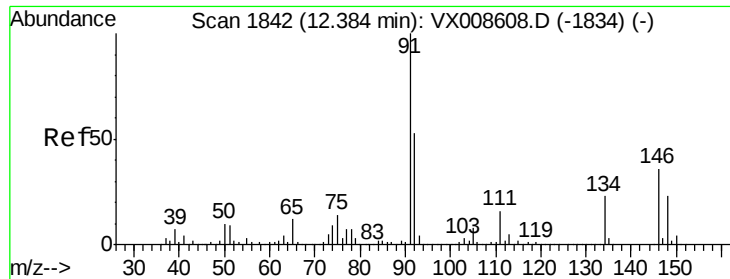
Tot Ion:146 Resp: 186933
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.5 61.5
 148 63.2 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 45.093 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion:146 Resp: 184668
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.2 60.6
 148 63.7 32.0 96.0

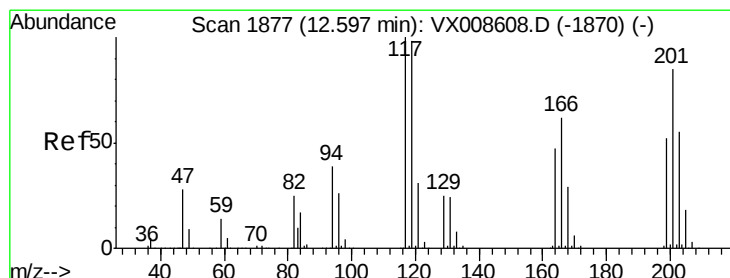
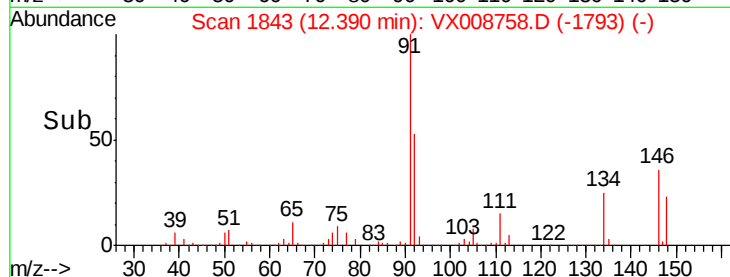
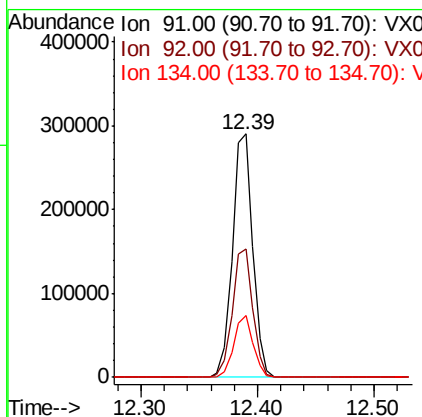
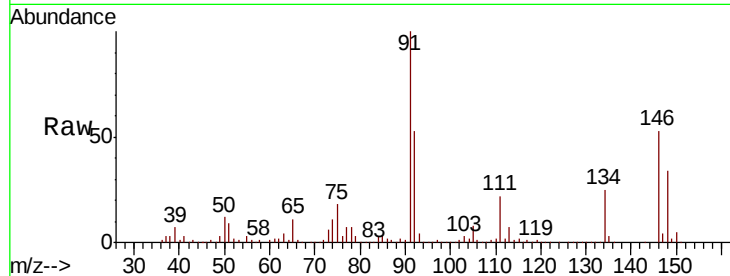




#89
n-Butylbenzene
Concen: 46.458 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

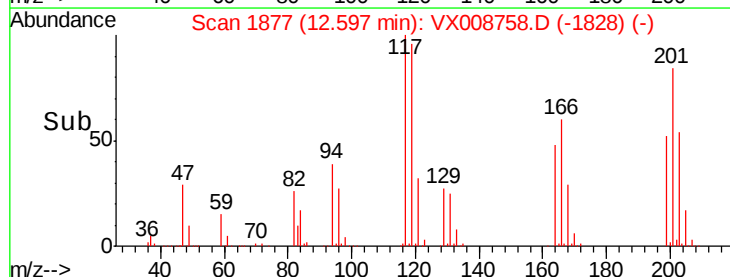
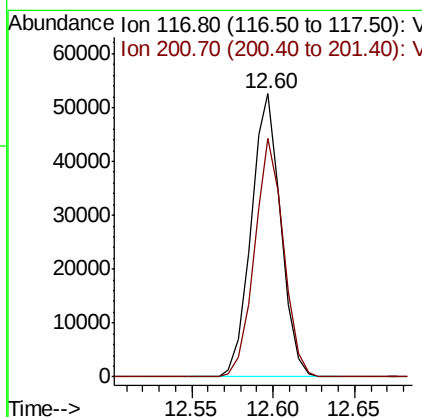
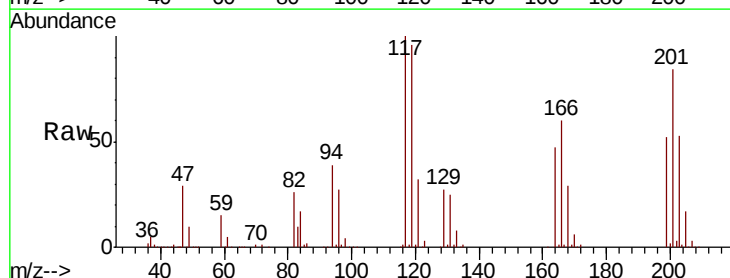
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 352504
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.2
134 24.3 12.0 36.0



#90
Hexachloroethane
Concen: 49.364 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion: 117 Resp: 66243
Ion Ratio Lower Upper
117 100
201 82.5 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 46.529 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

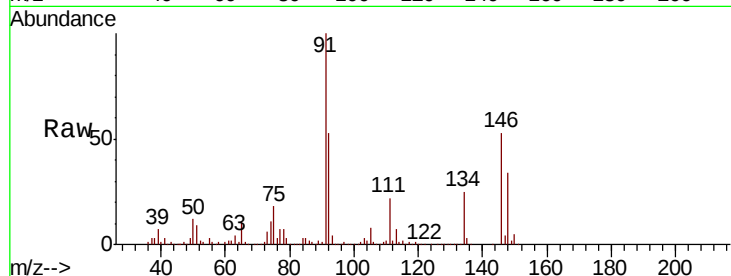
Tot Ion:146 Resp: 186837

Ion Ratio Lower Upper

146 100

111 42.5 21.3 63.9

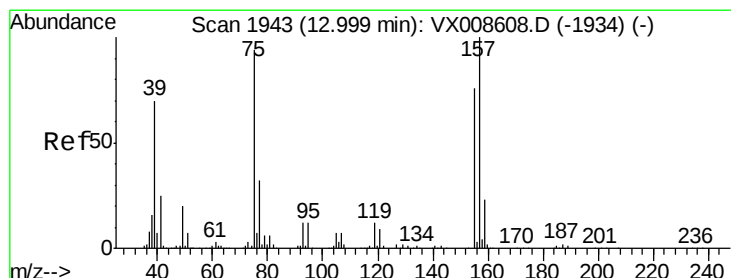
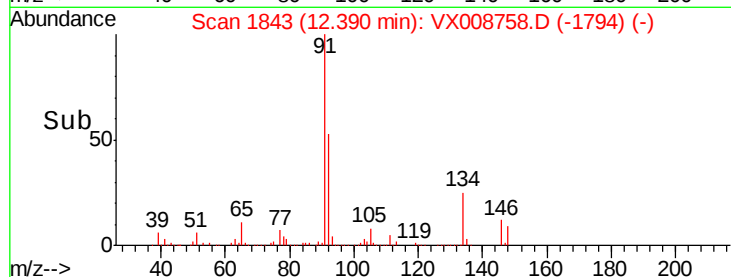
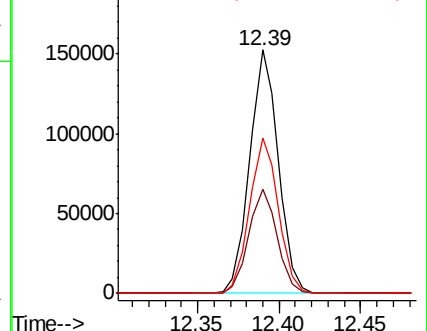
148 64.2 31.7 95.1



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: 52.803 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX008758.D

Acq: 08 Apr 2019 20:20

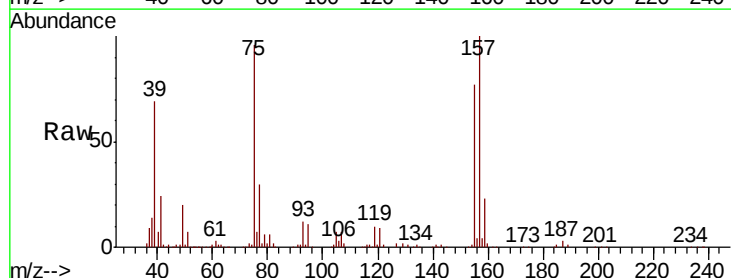
Tgt Ion: 75 Resp: 41513

Ion Ratio Lower Upper

75 100

155 80.6 39.9 119.6

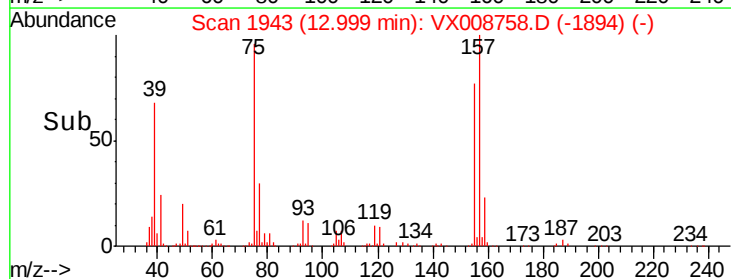
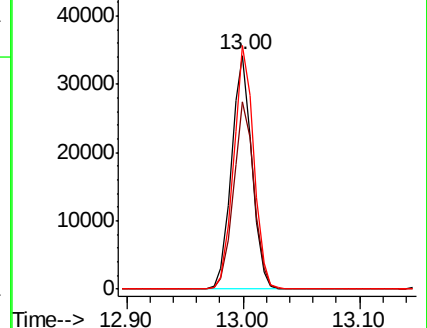
157 102.9 51.5 154.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

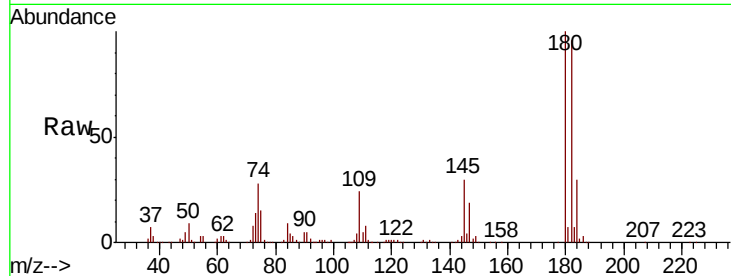




#93
 1,2,4-Trichlorobenzene
 Concen: 46.377 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.2	141.6
145	30.3	15.3	45.9

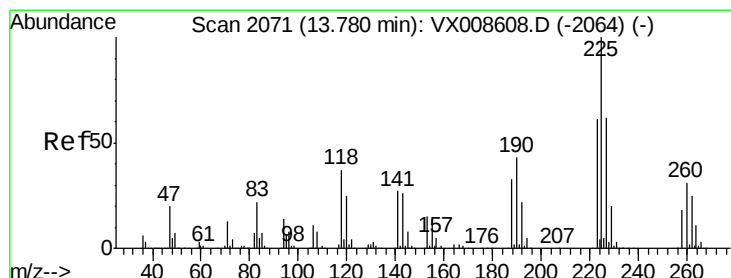
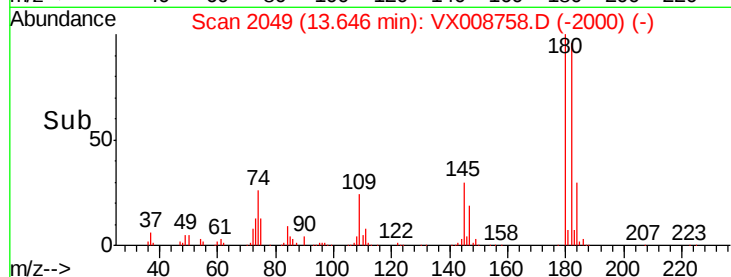
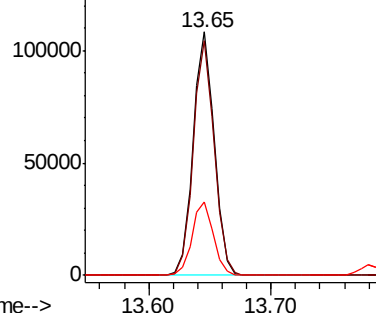


Abundance

Ion 179.80 (179.50 to 180.50): V

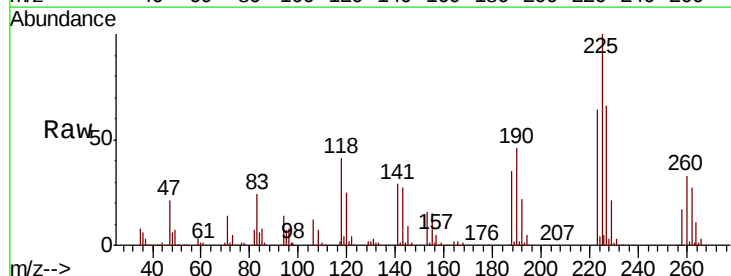
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.342 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008758.D
 Acq: 08 Apr 2019 20:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	31.2	93.6
227	63.7	31.9	95.5

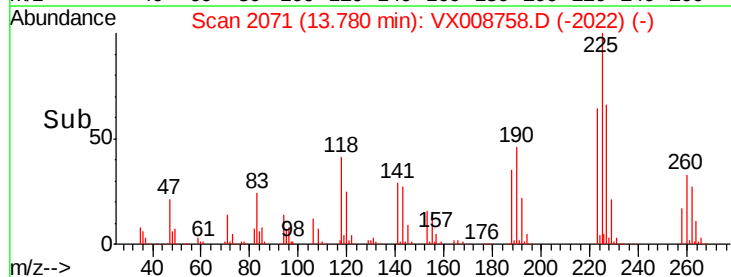
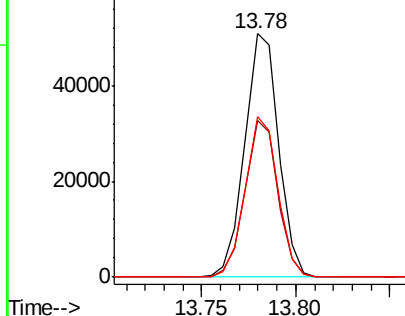


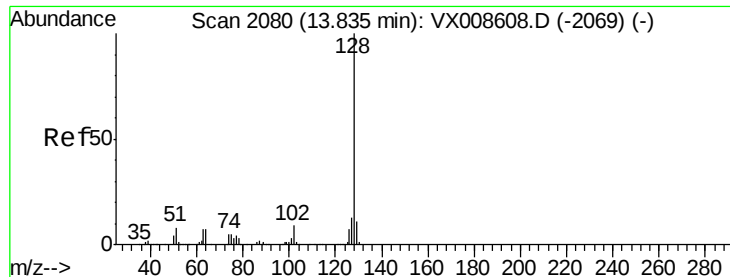
Abundance

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

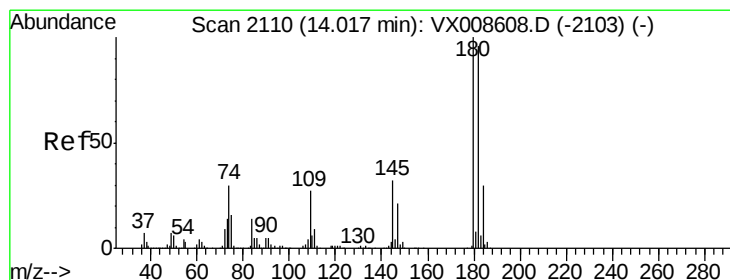
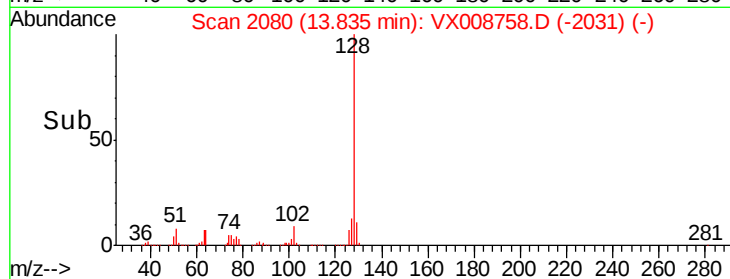
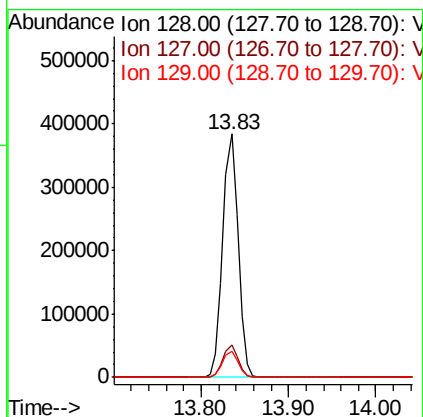
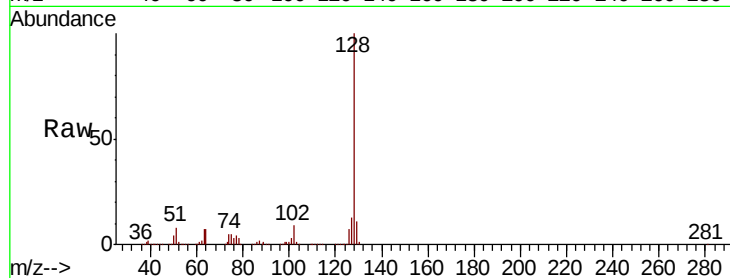




#95
Naphthalene
Concen: 49.998 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 466540
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.963 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008758.D
Acq: 08 Apr 2019 20:20

Tgt Ion:180 Resp: 131003
Ion Ratio Lower Upper
180 100
182 96.8 48.1 144.3
145 31.9 16.3 48.8

