

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004995.D
 Acq On : 04 Oct 2018 03:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 08:47:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	285659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	364819	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	220075	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	180009	44.11	ug/l	0.00
Spiked Amount			Recovery	=	88.22%	
35) Dibromofluoromethane	5.51	113	157159	46.58	ug/l	0.00
Spiked Amount			Recovery	=	93.16%	
50) Toluene-d8	8.72	98	557101	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.14	95	208124	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	194630	49.971	ug/l	95
3) Chloromethane	1.32	50	211735	44.808	ug/l	99
4) Vinyl Chloride	1.40	62	213329	48.134	ug/l	98
5) Bromomethane	1.64	94	130467	49.643	ug/l	93
6) Chloroethane	1.71	64	126567	52.519	ug/l	95
7) Trichlorofluoromethane	1.92	101	263947	48.106	ug/l	98
8) Diethyl Ether	2.19	74	112624	47.249	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155375	49.713	ug/l	99
10) Methyl Iodide	2.51	142	191340	45.750	ug/l	97
11) Tert butyl alcohol	3.08	59	265754	232.916	ug/l	99
12) 1,1-Dichloroethene	2.37	96	148284	47.907	ug/l	94
13) Acrolein	2.29	56	108717	133.920	ug/l	90
14) Allyl chloride	2.73	41	317604	47.028	ug/l	98
15) Acrylonitrile	3.15	53	623458	248.217	ug/l	97
16) Acetone	2.45	43	538426	226.005	ug/l	97
17) Carbon Disulfide	2.57	76	407135	43.774	ug/l	99
18) Methyl Acetate	2.78	43	338205	56.032	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	549760	51.493	ug/l	100
20) Methylene Chloride	2.85	84	180564	52.165	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	158843	46.880	ug/l	88
22) Diisopropyl ether	3.87	45	585411	51.477	ug/l	98
23) Vinyl Acetate	3.82	43	2563159	246.228	ug/l	96
24) 1,1-Dichloroethane	3.69	63	319977	47.168	ug/l	99
25) 2-Butanone	4.71	43	832371	237.030	ug/l	96
26) 2,2-Dichloropropane	4.57	77	159922	33.854	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	186647	49.310	ug/l	96
28) Bromochloromethane	5.01	49	154444	48.347	ug/l	98
29) Tetrahydrofuran	5.16	42	545598	249.973	ug/l	100
30) Chloroform	5.21	83	299945	46.784	ug/l	100
31) Cyclohexane	5.57	56	265469	51.130	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	256397	48.969	ug/l	95
36) 1,1-Dichloropropene	5.80	75	214873	46.674	ug/l	97
37) Ethyl Acetate	4.86	43	310612	50.828	ug/l	98
38) Carbon Tetrachloride	5.78	117	216356	44.708	ug/l	91

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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	242989	51.690	ug/l #	84
40) Benzene	6.14	78	677016	46.973	ug/l	96
41) Methacrylonitrile	5.06	41	168987	49.863	ug/l	97
42) 1,2-Dichloroethane	6.20	62	229247	44.994	ug/l	99
43) Isopropyl Acetate	6.46	43	442189	50.133	ug/l #	93
44) Trichloroethene	7.21	130	175147	49.433	ug/l	97
45) 1,2-Dichloropropane	7.52	63	176695	49.992	ug/l	99
46) Dibromomethane	7.66	93	111277	50.096	ug/l	99
47) Bromodichloromethane	7.90	83	211526	50.862	ug/l	98
48) Methyl methacrylate	7.77	41	220586	55.099	ug/l	98
49) 1,4-Dioxane	7.76	88	99533	1000.728	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1499764	270.048	ug/l	98
52) Toluene	8.79	92	404084	51.023	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	228749	48.673	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	250156	50.818	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	172005	49.582	ug/l	96
56) Ethyl methacrylate	9.18	69	275314	48.969	ug/l	95
57) 1,3-Dichloropropane	9.37	76	283139	49.040	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	753913	252.094	ug/l	99
59) 2-Hexanone	9.50	43	1188994	256.914	ug/l	97
60) Dibromochloromethane	9.59	129	173640	50.050	ug/l	99
61) 1,2-Dibromoethane	9.68	107	178312	47.995	ug/l	96
64) Tetrachloroethene	9.34	164	186578	51.963	ug/l	96
65) Chlorobenzene	10.14	112	457913	48.949	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	164552	50.034	ug/l	99
67) Ethyl Benzene	10.26	91	770262	51.862	ug/l	97
68) m/p-Xylenes	10.36	106	599472	103.289	ug/l	96
69) o-Xylene	10.70	106	291738	54.727	ug/l	98
70) Styrene	10.71	104	490795	49.259	ug/l	99
71) Bromoform	10.86	173	142096	50.467	ug/l	96
73) Isopropylbenzene	11.02	105	770691	55.559	ug/l	99
74) N-amyl acetate	10.90	43	383752	50.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	275168	48.731	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	318223	64.513	ug/l	85
77) Bromobenzene	11.26	156	210426	52.226	ug/l	98
78) n-propylbenzene	11.36	91	878888	55.220	ug/l	100
79) 2-Chlorotoluene	11.42	91	529820	53.405	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	652870	51.356	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	75207	41.918	ug/l	96
82) 4-Chlorotoluene	11.51	91	622847	53.339	ug/l	100
83) tert-Butylbenzene	11.77	119	634763	55.579	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	679283	51.816	ug/l	99
85) sec-Butylbenzene	11.94	105	764992	54.991	ug/l	100
86) p-Isopropyltoluene	12.07	119	683673	54.245	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	380796	50.614	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	384365	49.490	ug/l	100
89) n-Butylbenzene	12.39	91	596368	52.101	ug/l	99
90) Hexachloroethane	12.60	117	104015	49.567	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388403	49.400	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65072	52.484	ug/l	95

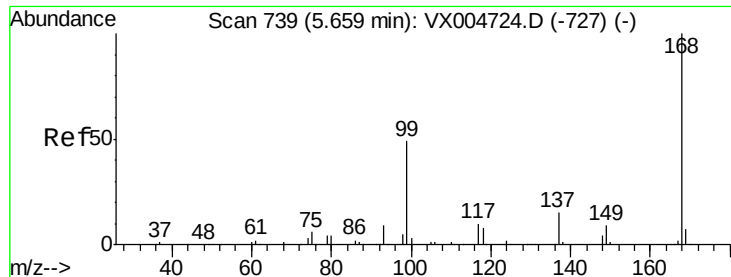
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286485	51.943	ug/l	100
94) Hexachlorobutadiene	13.78	225	133394	46.641	ug/l	100
95) Naphthalene	13.83	128	947198	51.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	294954	51.770	ug/l	100

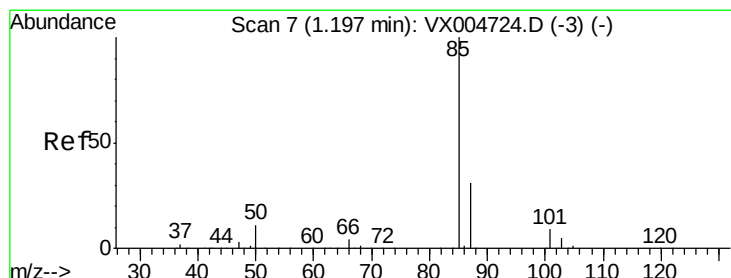
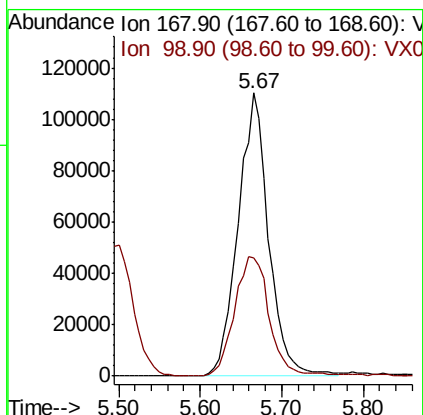
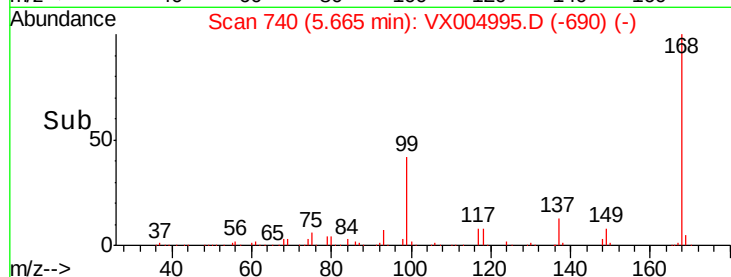
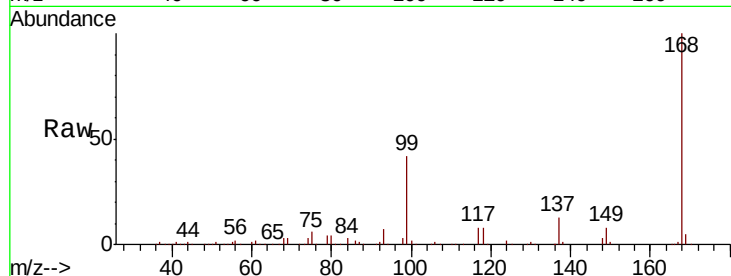
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

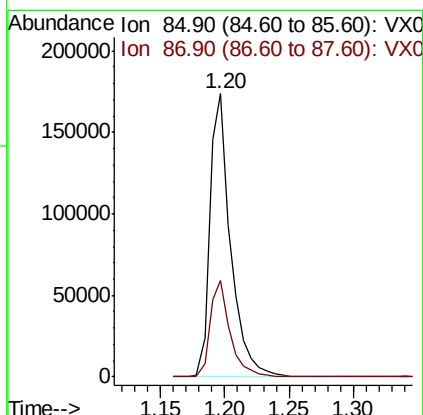
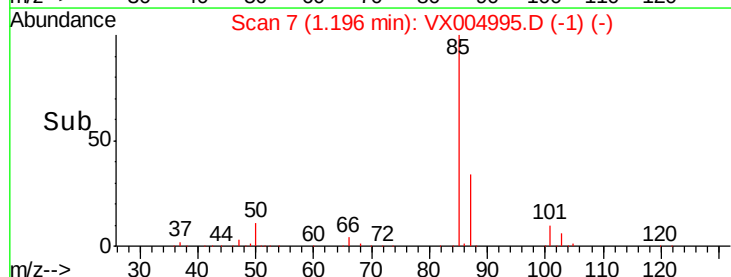
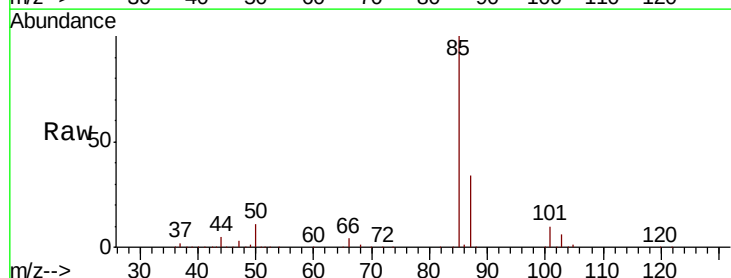
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

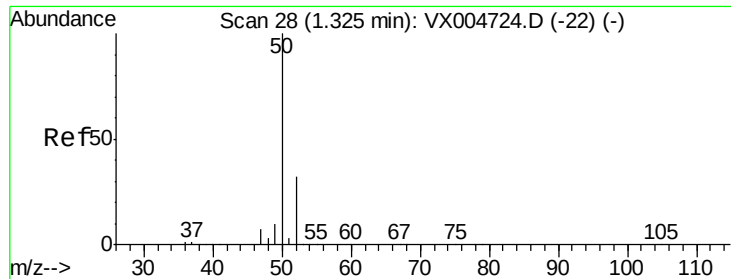
Tot Ion:168 Resp: 285659
Ion Ratio Lower Upper
168 100
99 41.4 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 49.971 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 85 Resp: 194630
Ion Ratio Lower Upper
85 100
87 33.9 15.7 47.1





#3

Chloromethane

Concen: 44.808 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

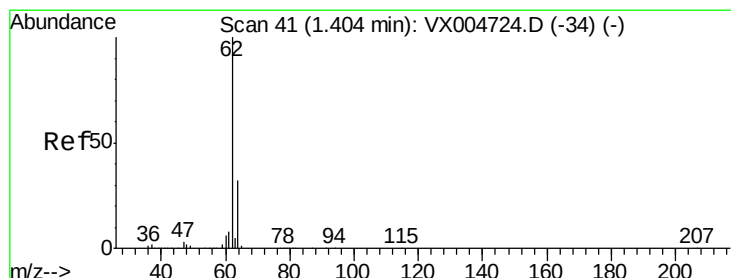
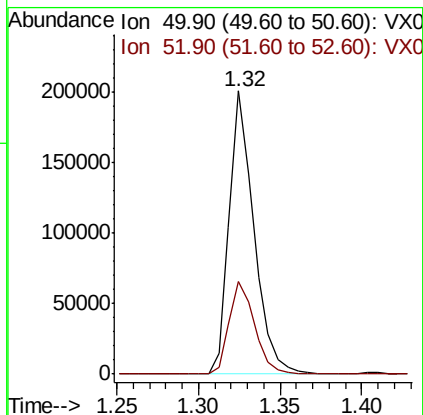
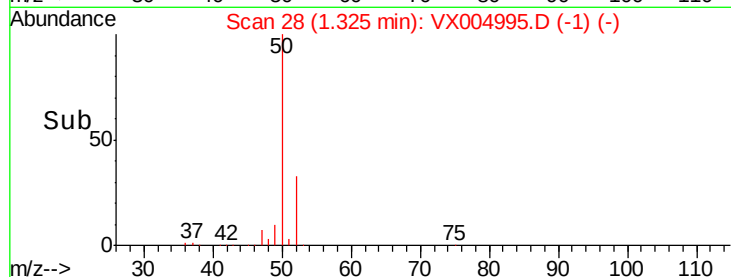
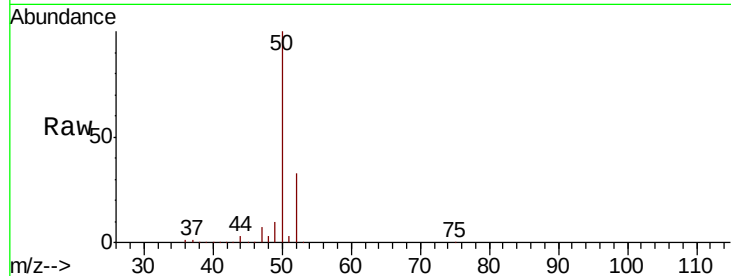
VSTDCCC050

Tot Ion: 50 Resp: 211735

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.6



#4

Vinyl Chloride

Concen: 48.134 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004995.D

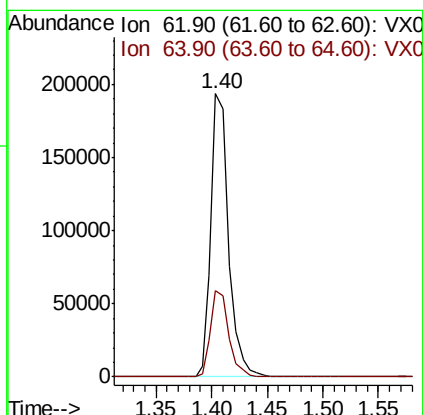
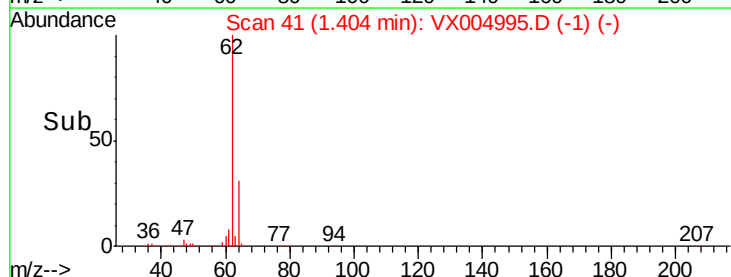
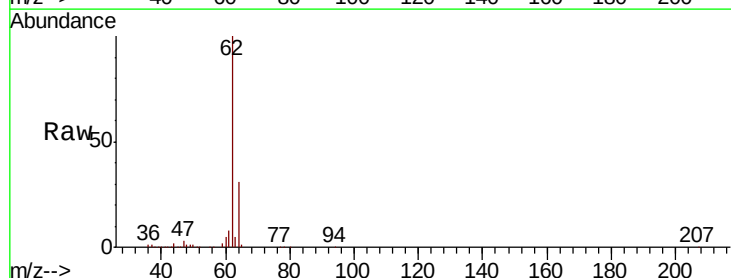
Acq: 04 Oct 2018 03:21

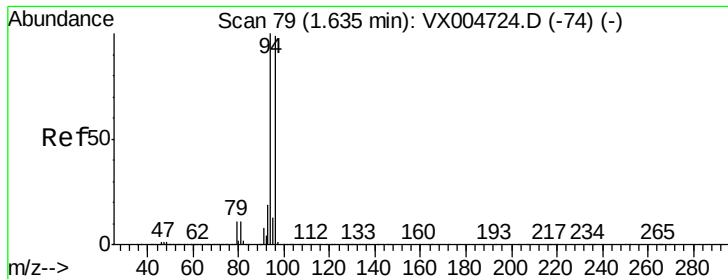
Tgt Ion: 62 Resp: 213329

Ion Ratio Lower Upper

62 100

64 30.7 25.5 38.3





#5

Bromomethane

Concen: 49.643 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

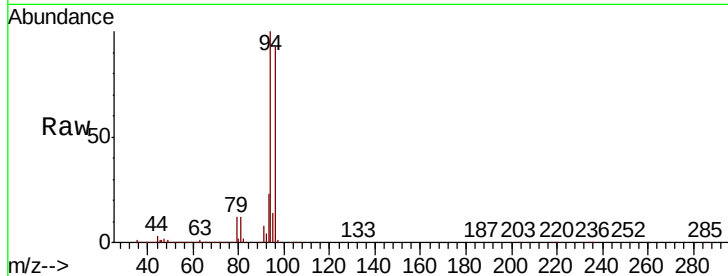
VSTDCCC050

Tot Ion: 94 Resp: 130467

Ion Ratio Lower Upper

94 100

96 92.7 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

150000

100000

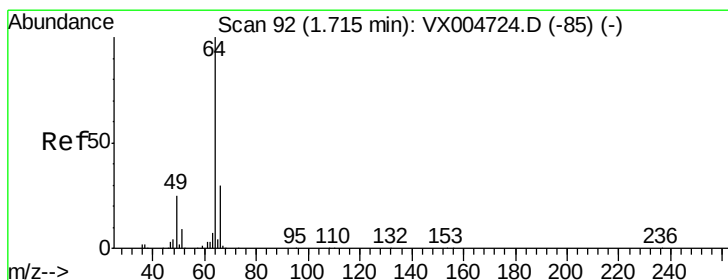
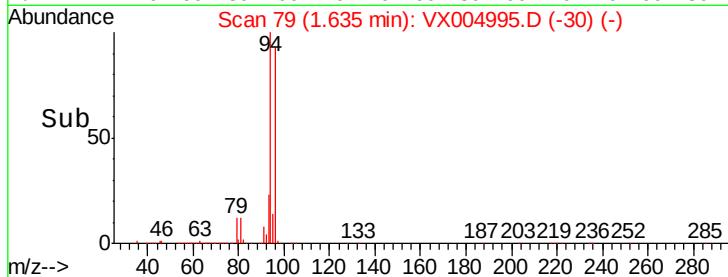
50000

0

1.64

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 52.519 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004995.D

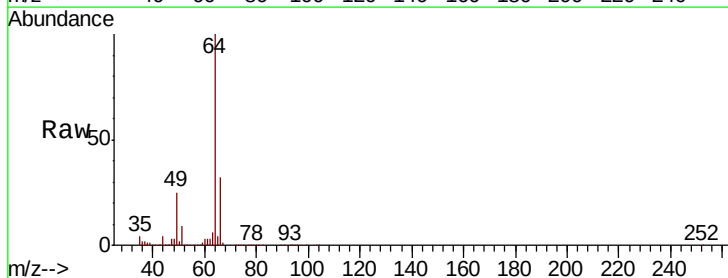
Acq: 04 Oct 2018 03:21

Tgt Ion: 64 Resp: 126567

Ion Ratio Lower Upper

64 100

66 32.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

100000

80000

60000

40000

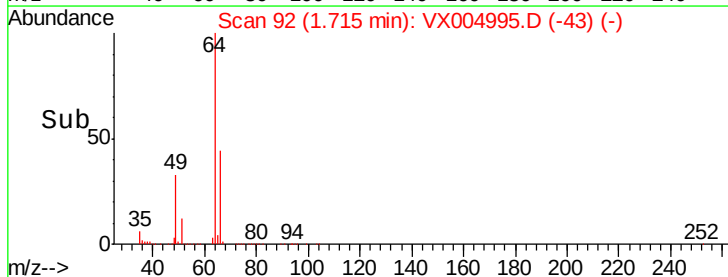
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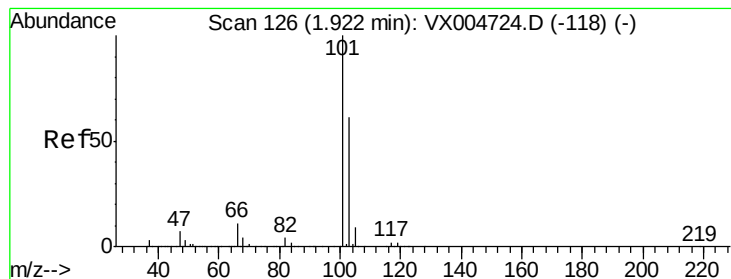
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1.71

1.60 1.70 1.80 1.90

Time-->



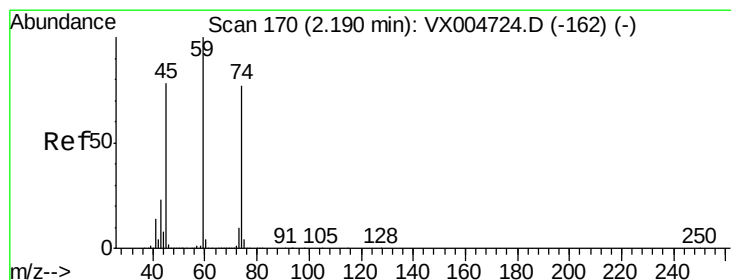
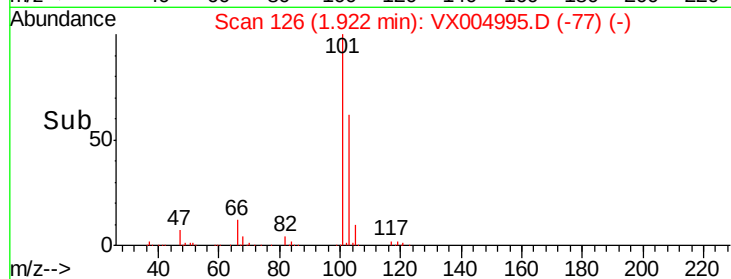
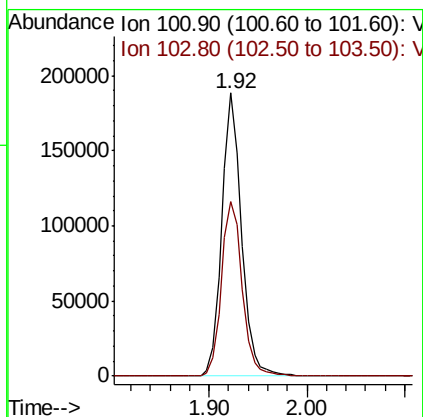
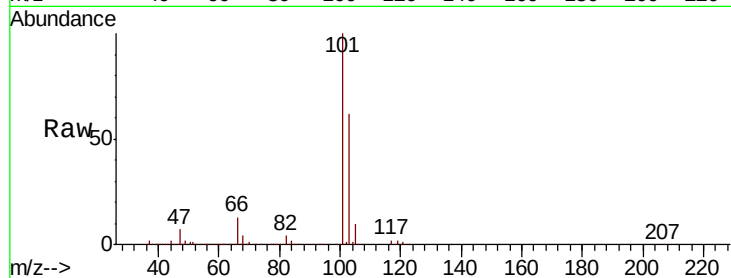


#7

Trichlorofluoromethane
 Concen: 48.106 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
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 VSTDCCC050

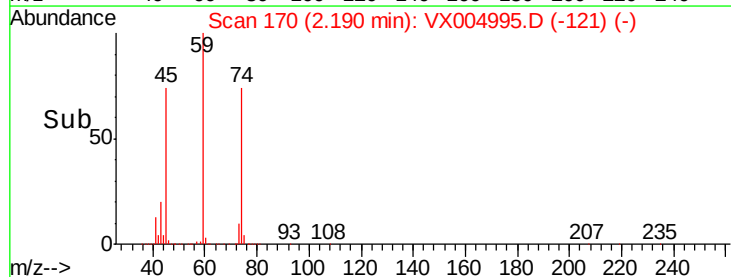
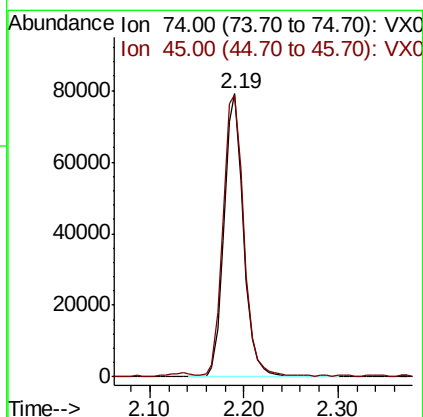
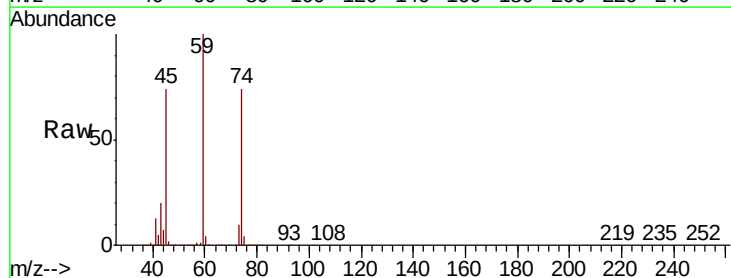
Tot Ion:101 Resp: 263947
 Ion Ratio Lower Upper
 101 100
 103 61.9 48.4 72.6

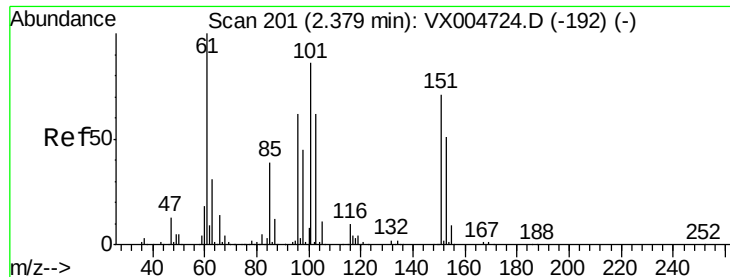


#8

Diethyl Ether
 Concen: 47.249 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 74 Resp: 112624
 Ion Ratio Lower Upper
 74 100
 45 105.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.713 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

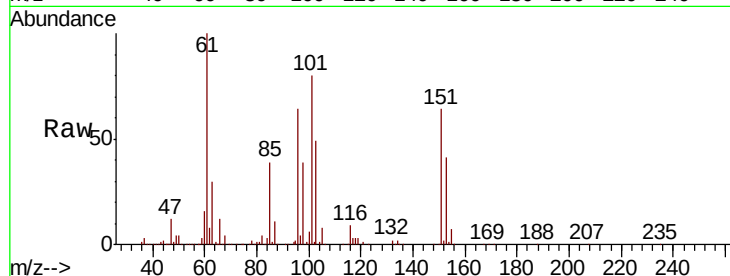
Tot Ion:101 Resp: 155375

Ion Ratio Lower Upper

101 100

85 46.2 35.9 53.9

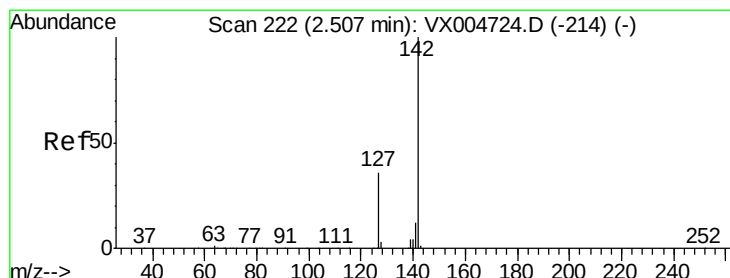
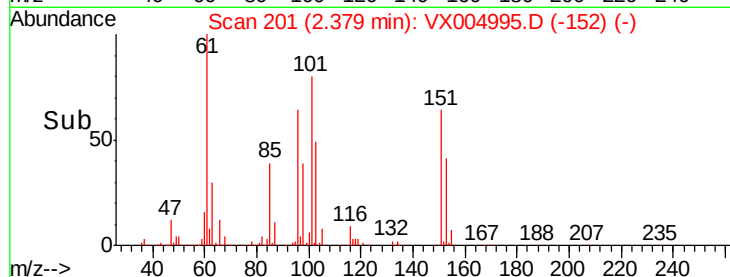
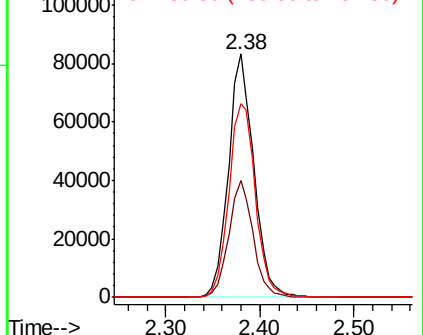
151 83.7 66.6 100.0



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: 45.750 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

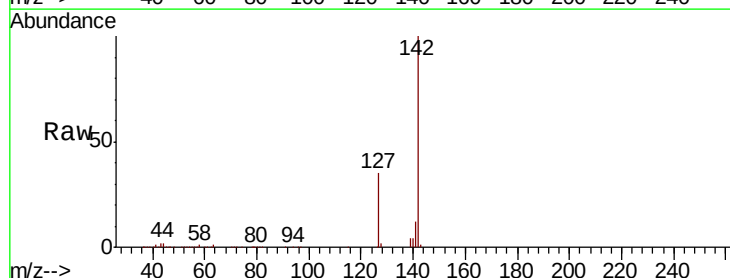
Tgt Ion:142 Resp: 191340

Ion Ratio Lower Upper

142 100

127 39.4 30.1 45.1

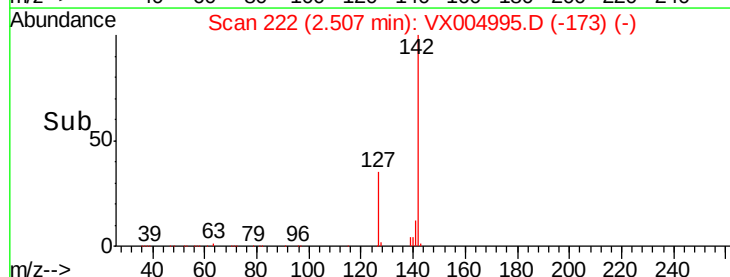
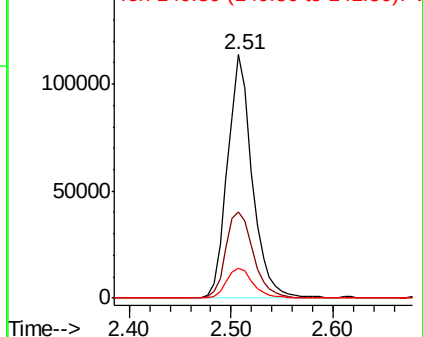
141 13.4 10.1 15.1

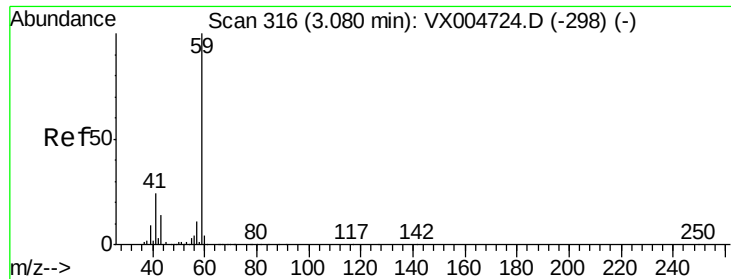


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



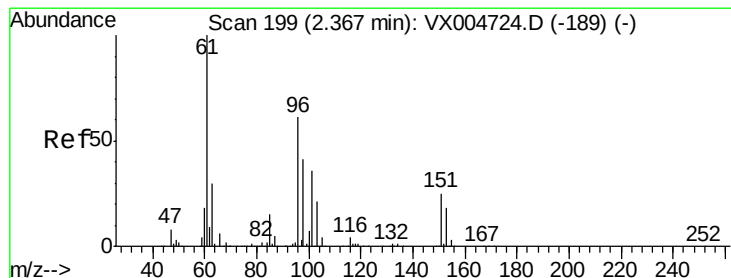
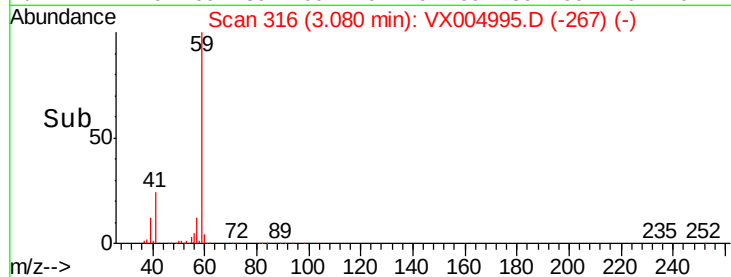
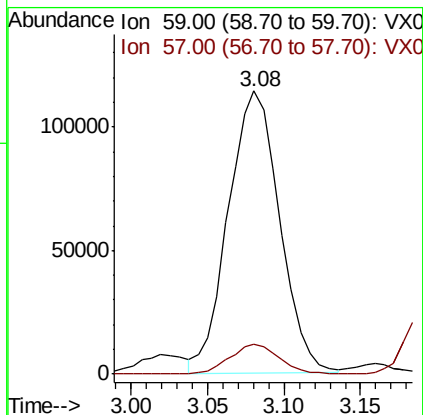
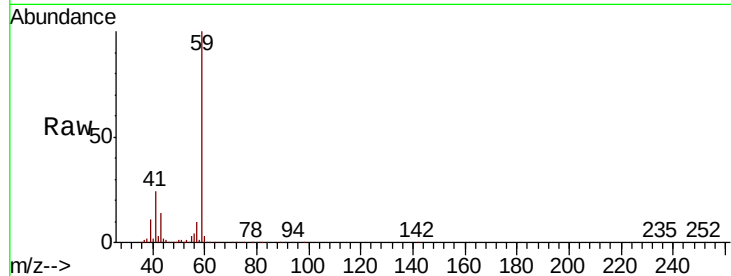


#11

Tert butyl alcohol
 Concen: 232.916 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

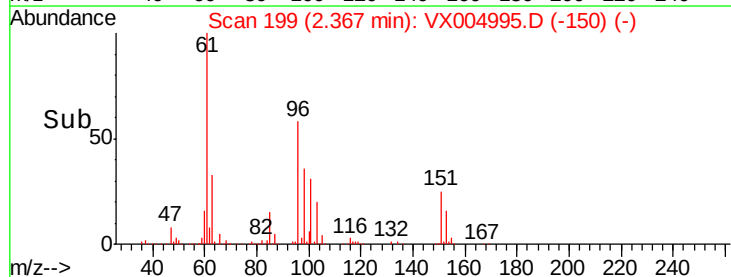
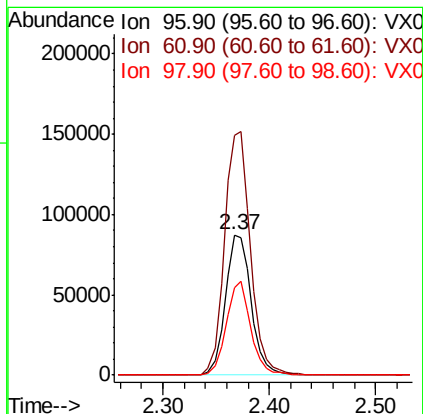
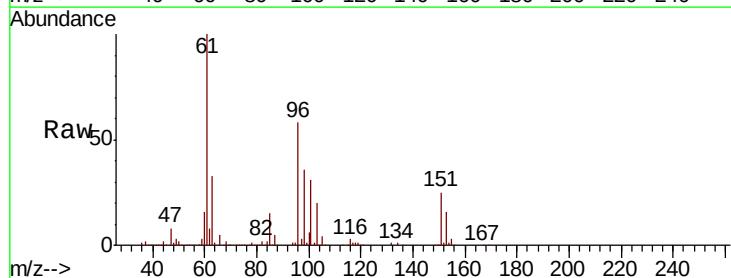
Tot Ion: 59 Resp: 265754
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.6 12.8

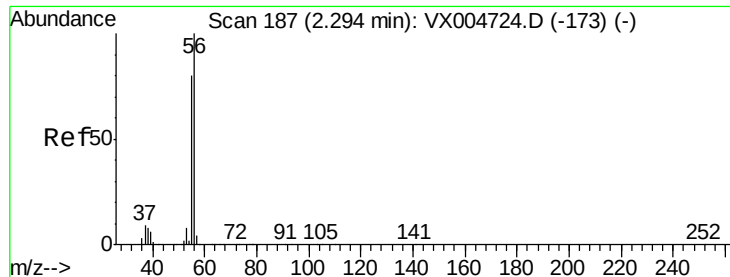


#12

1,1-Dichloroethene
 Concen: 47.907 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 96 Resp: 148284
 Ion Ratio Lower Upper
 96 100
 61 171.0 130.2 195.4
 98 61.9 53.4 80.0





#13

Acrolein

Concen: 133.920 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

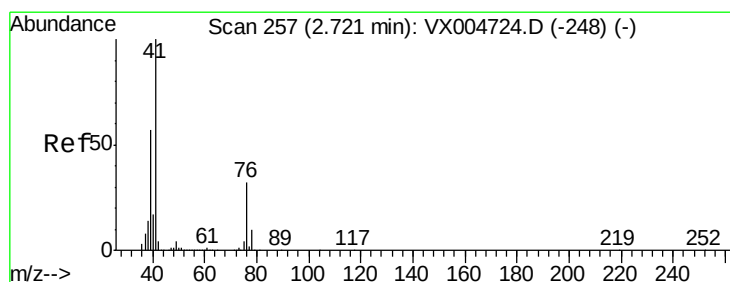
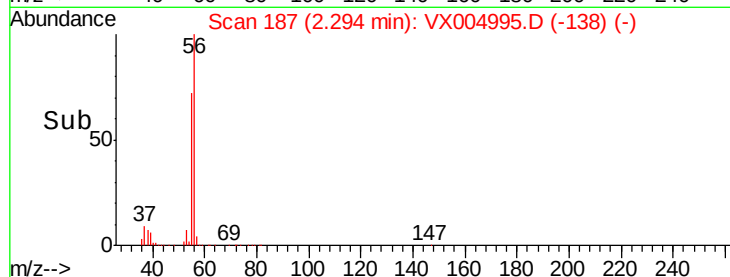
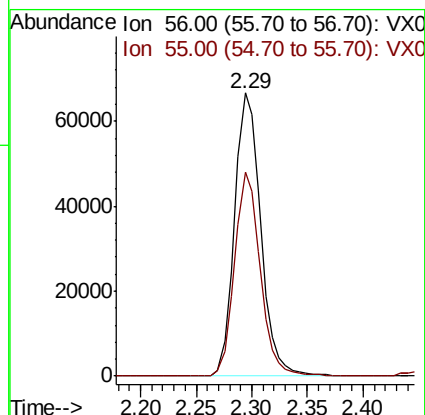
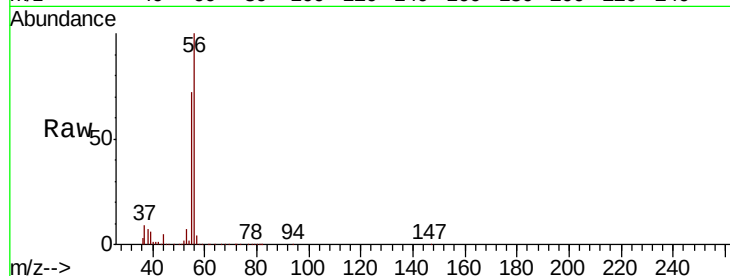
VSTDCCC050

Tot Ion: 56 Resp: 108717

Ion Ratio Lower Upper

56 100

55 70.7 63.4 95.2



#14

Allyl chloride

Concen: 47.028 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

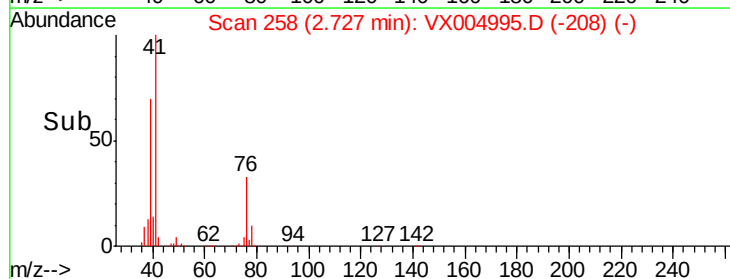
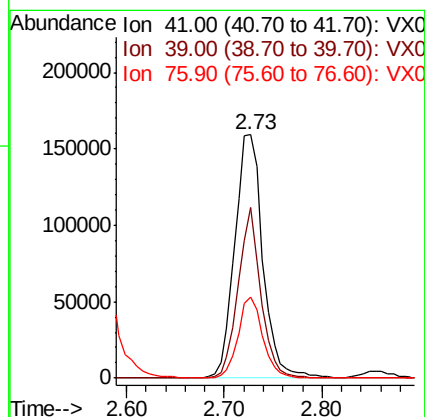
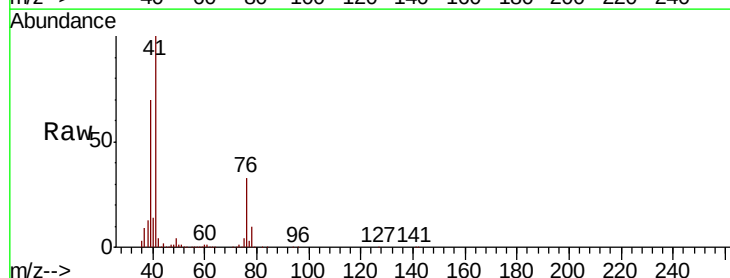
Tgt Ion: 41 Resp: 317604

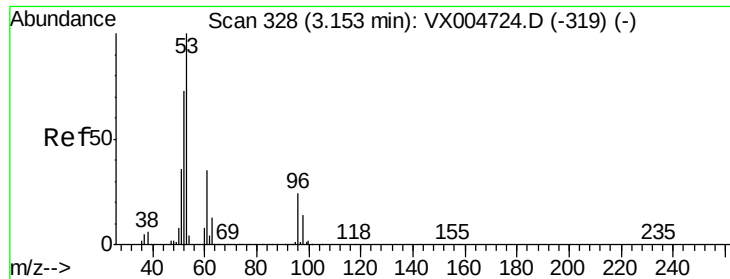
Ion Ratio Lower Upper

41 100

39 56.5 44.1 66.1

76 29.3 25.0 37.4





#15

Acrylonitrile

Concen: 248.217 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

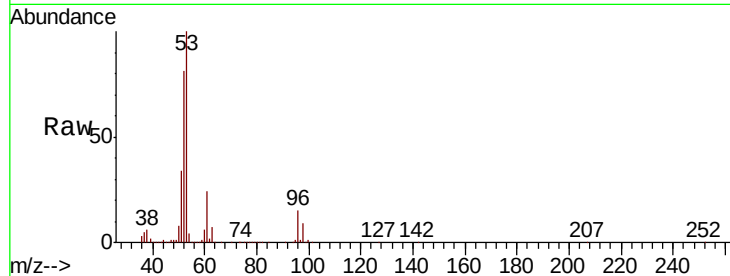
Tot Ion: 53 Resp: 623458

Ion Ratio Lower Upper

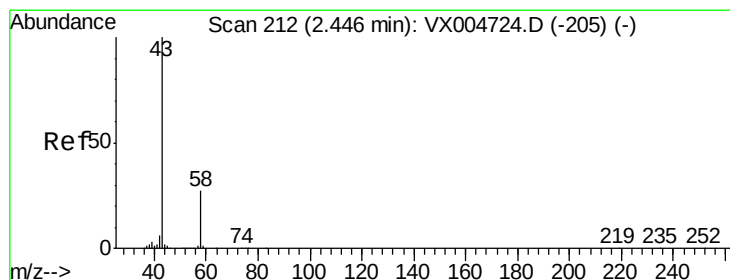
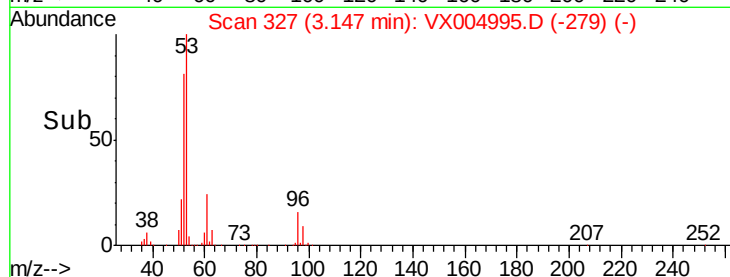
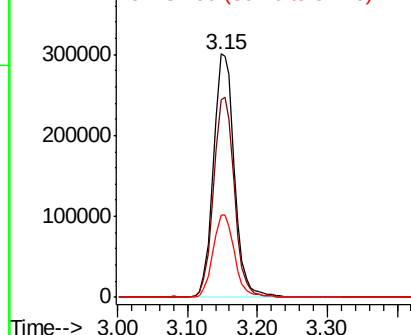
53 100

52 81.7 63.0 94.4

51 34.8 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: 226.005 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004995.D

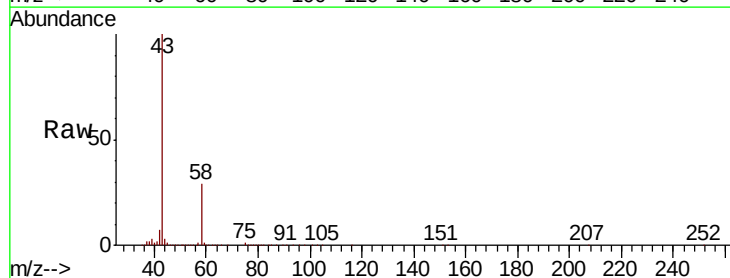
Acq: 04 Oct 2018 03:21

Tgt Ion: 43 Resp: 538426

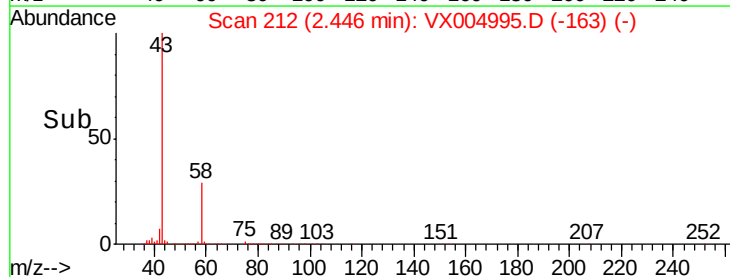
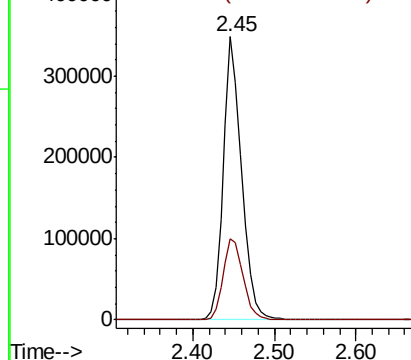
Ion Ratio Lower Upper

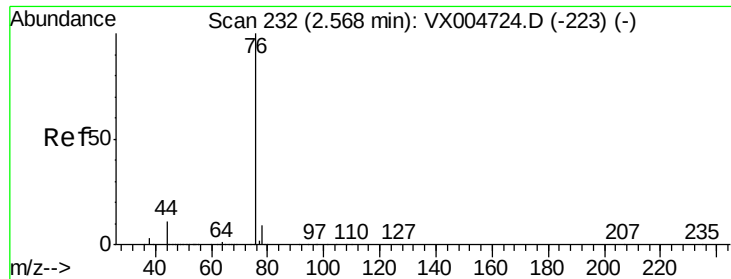
43 100

58 28.6 21.8 32.6



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

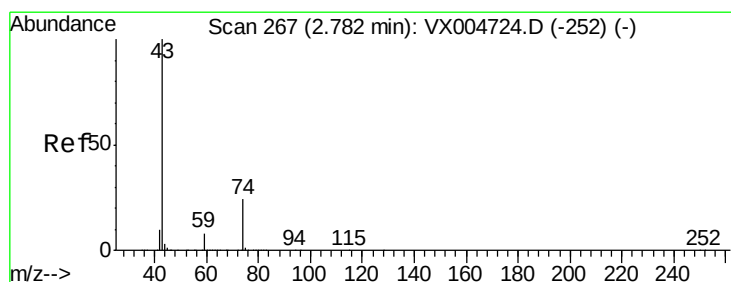
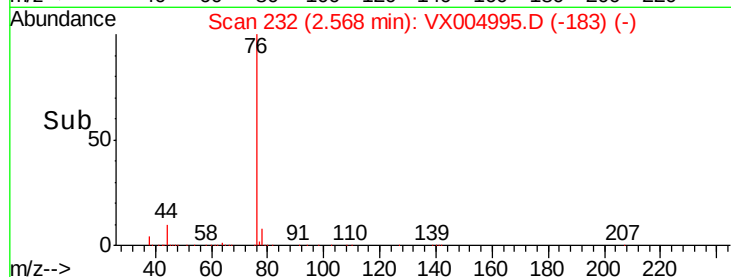
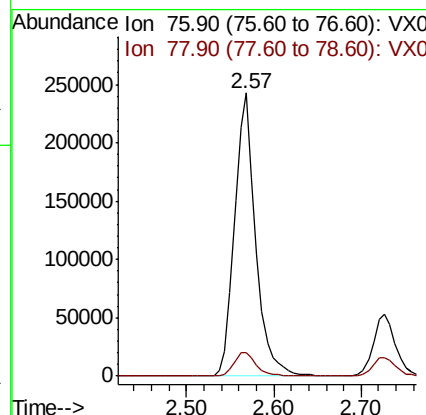
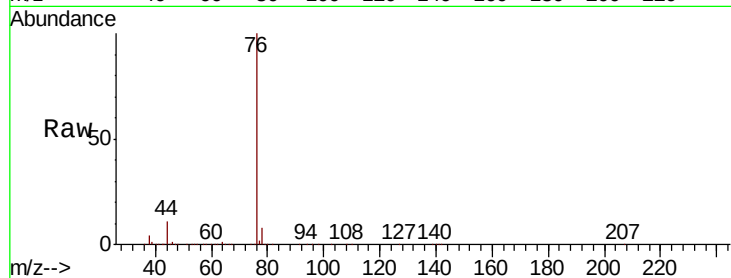




#17
Carbon Disulfide
Concen: 43.774 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

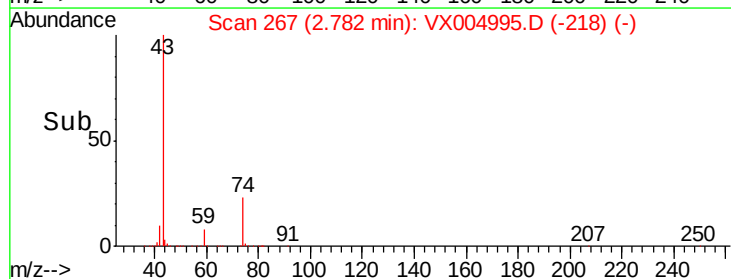
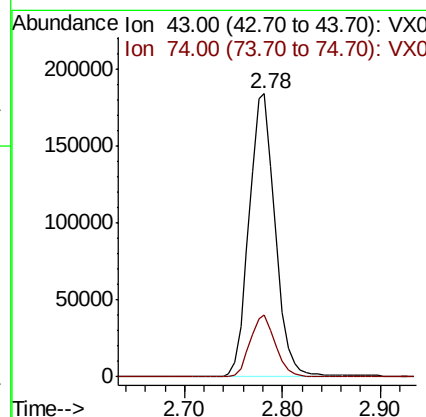
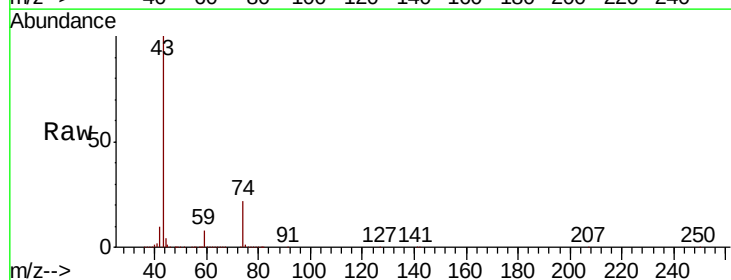
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

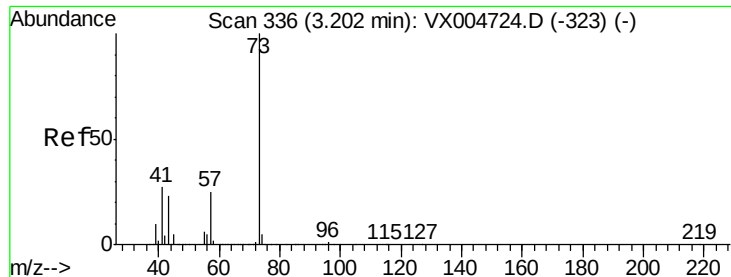
Tot Ion: 76 Resp: 407135
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6



#18
Methyl Acetate
Concen: 56.032 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 43 Resp: 338205
Ion Ratio Lower Upper
43 100
74 21.2 17.8 26.8

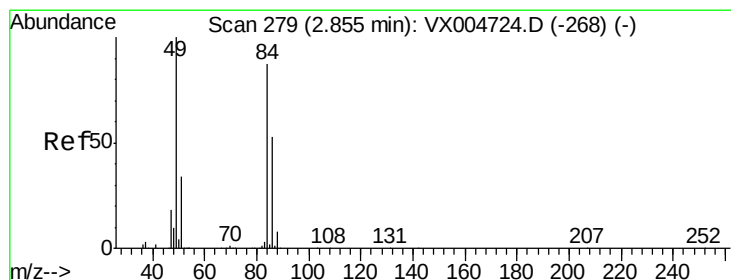
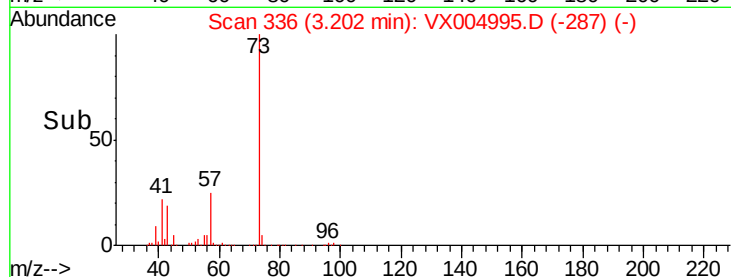
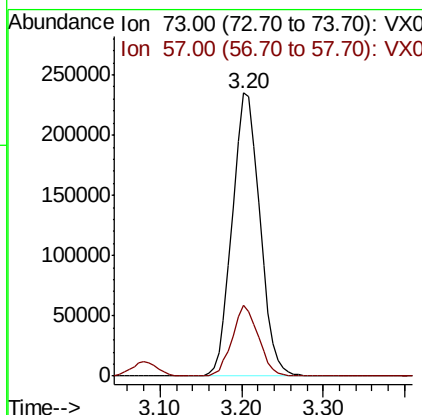
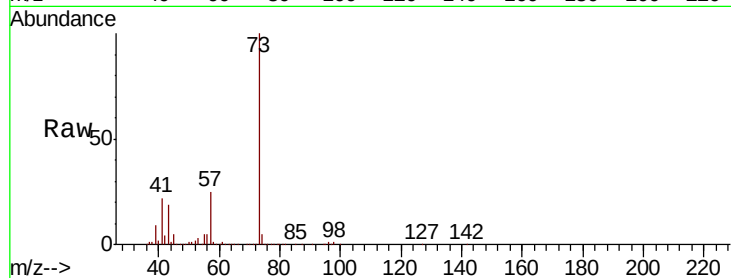




#19
Methvl tert-butvl Ether
Concen: 51.493 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

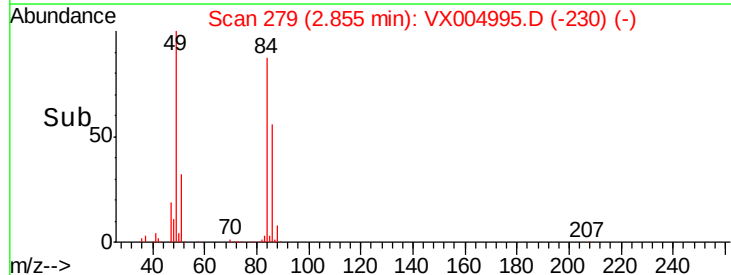
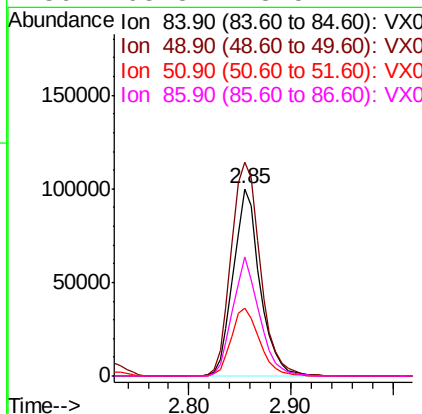
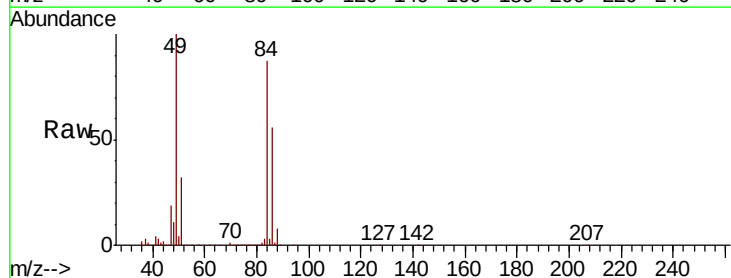
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

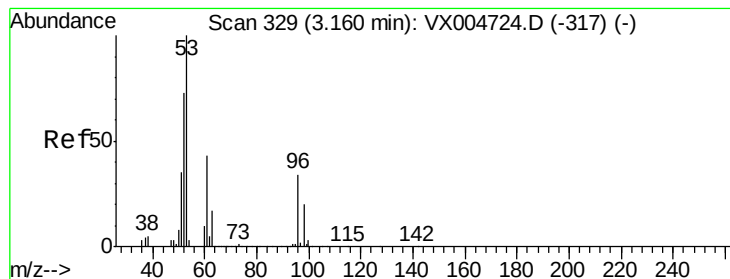
Tot Ion: 73 Resp: 549760
Ion Ratio Lower Upper
73 100
57 25.0 19.9 29.9



#20
Methylene Chloride
Concen: 52.165 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 84 Resp: 180564
Ion Ratio Lower Upper
84 100
49 114.2 92.3 138.5
51 36.4 31.8 47.6
86 63.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 46.880 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

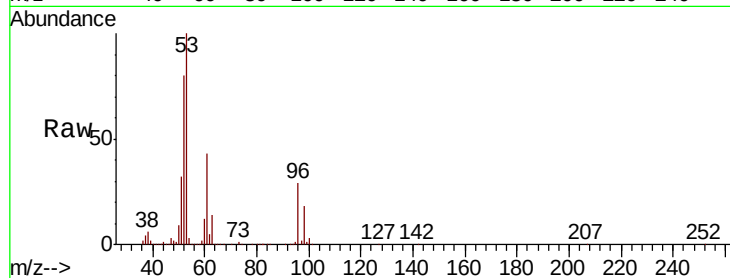
Tot Ion: 96 Resp: 158843

Ion Ratio Lower Upper

96 100

61 145.0 101.0 151.6

98 61.2 47.2 70.8

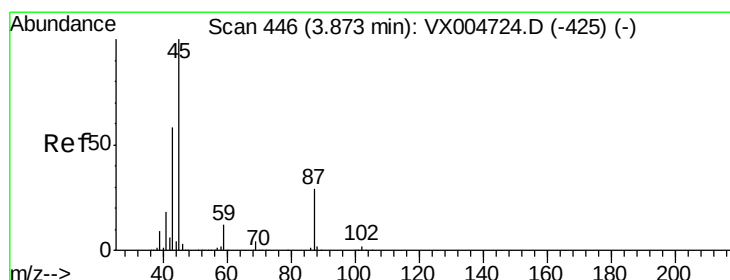
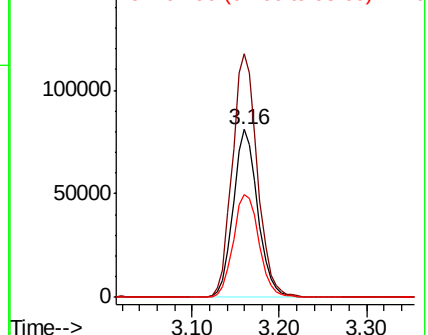
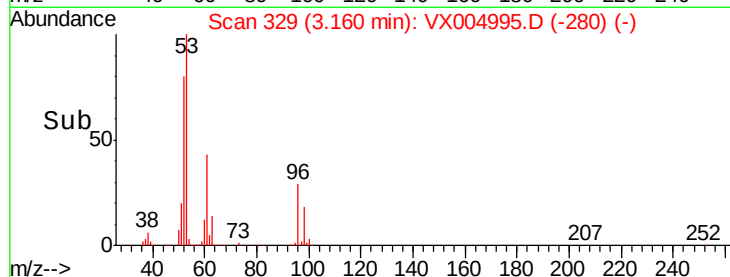


Abundance

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: 51.477 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion: 45 Resp: 585411

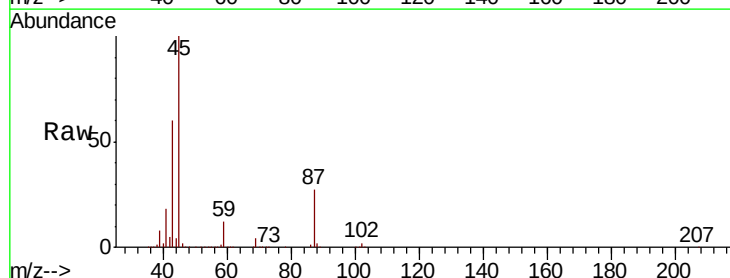
Ion Ratio Lower Upper

45 100

43 59.5 46.7 70.1

87 26.9 22.9 34.3

59 11.6 9.3 13.9



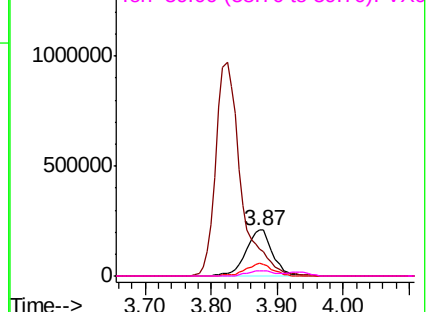
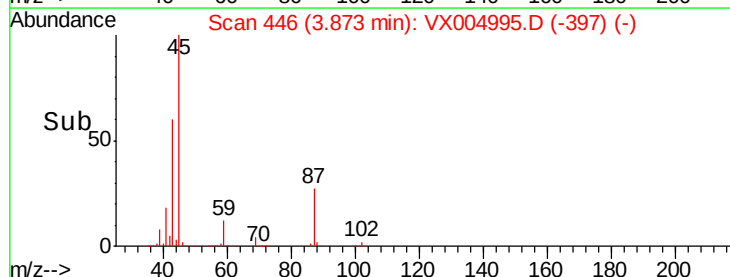
Abundance

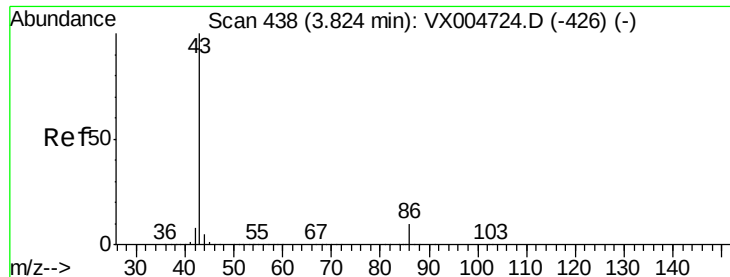
Ion 45.00 (44.70 to 45.70): VX0

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: 246.228 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

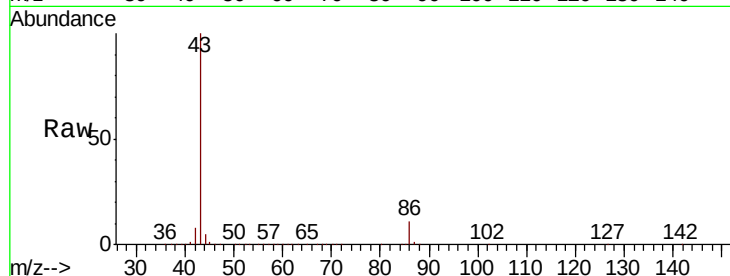
VSTDCCC050

Tot Ion: 43 Resp: 2563159

Ion Ratio Lower Upper

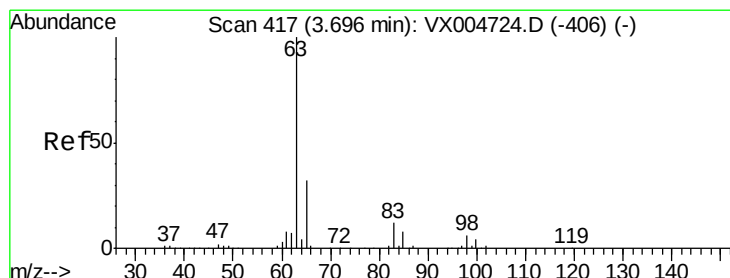
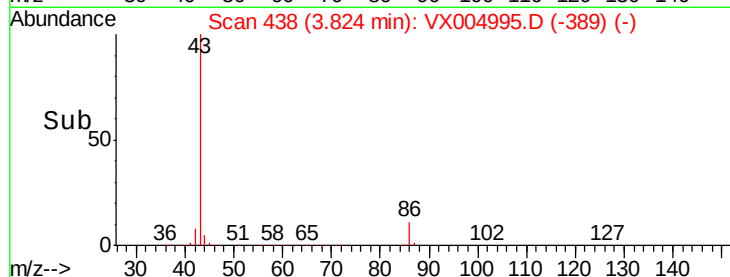
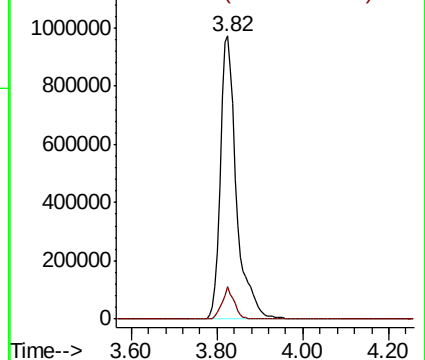
43 100

86 11.5 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.168 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

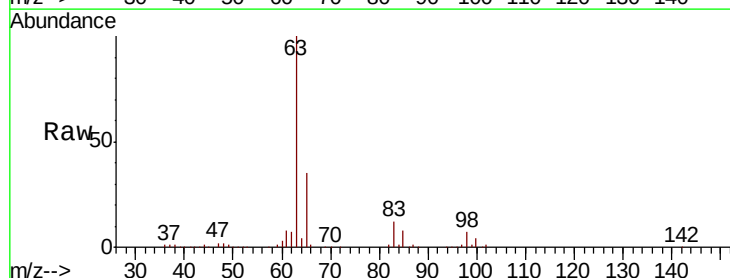
Tgt Ion: 63 Resp: 319977

Ion Ratio Lower Upper

63 100

98 6.8 3.0 9.2

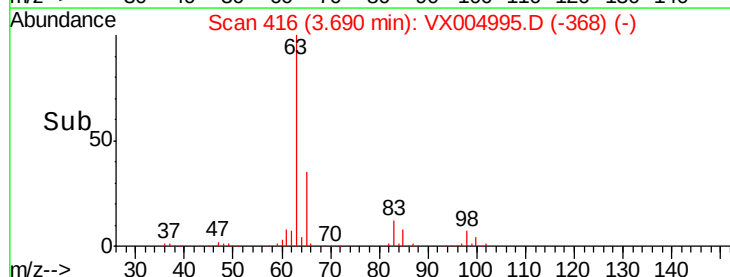
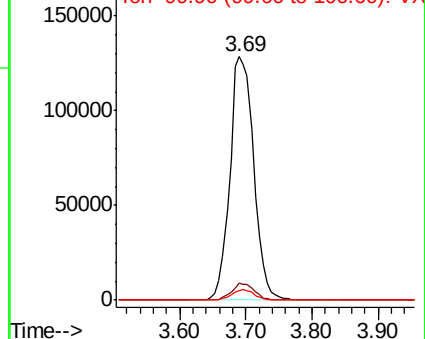
100 3.9 2.0 5.8

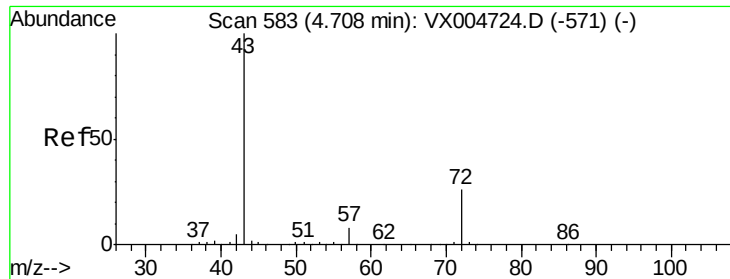


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.030 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

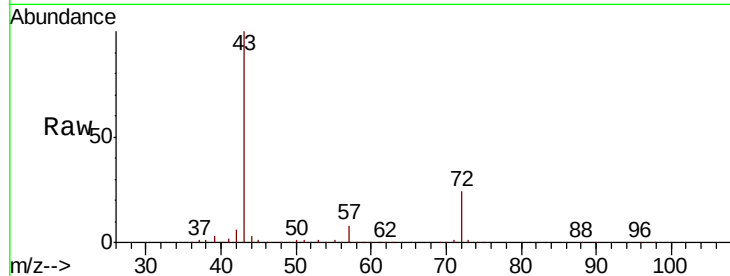
VSTDCCC050

Tot Ion: 43 Resp: 832371

Ion Ratio Lower Upper

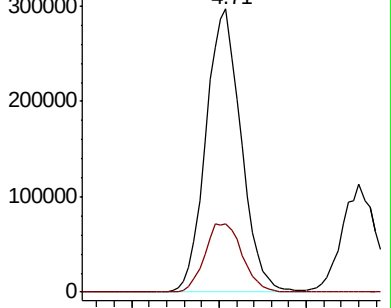
43 100

72 23.9 20.8 31.2

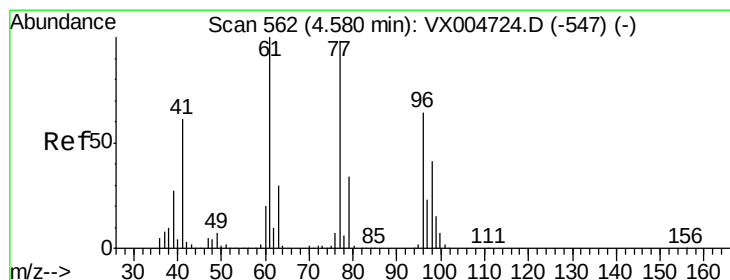
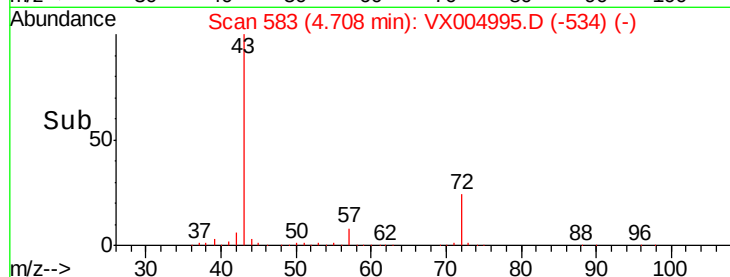


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#26

2,2-Dichloropropane

Concen: 33.854 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX004995.D

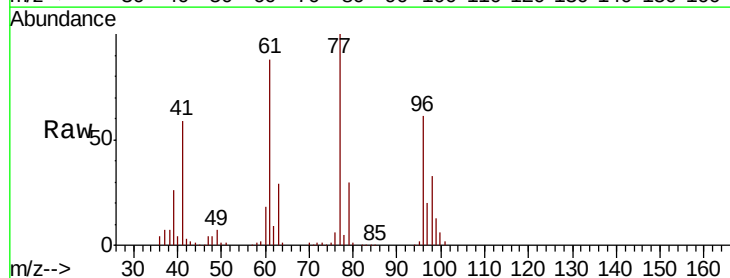
Acq: 04 Oct 2018 03:21

Tgt Ion: 77 Resp: 159922

Ion Ratio Lower Upper

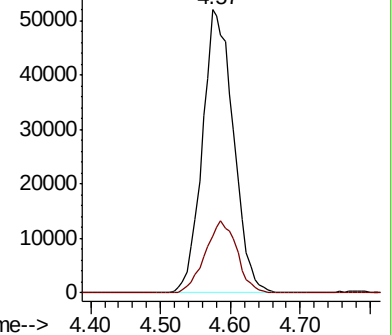
77 100

97 26.0 12.6 37.8

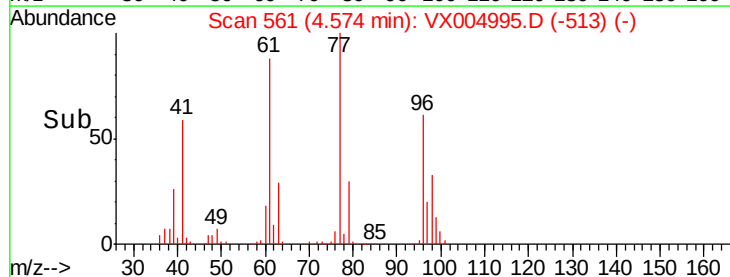


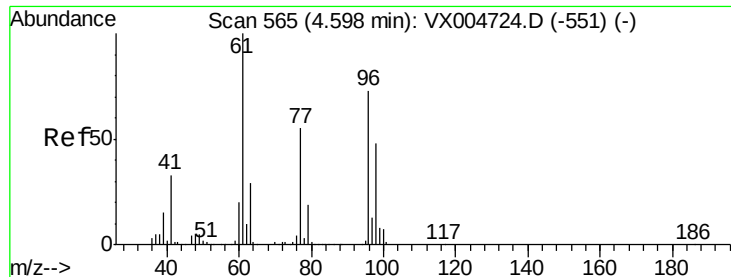
Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



Time-->



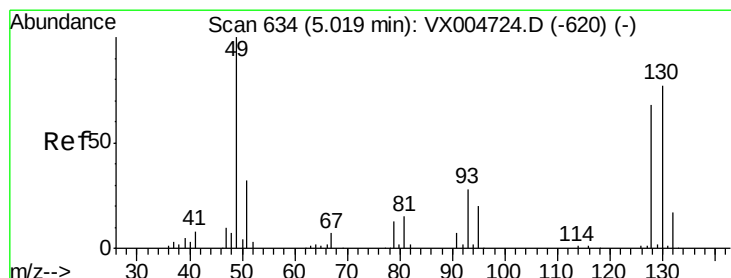
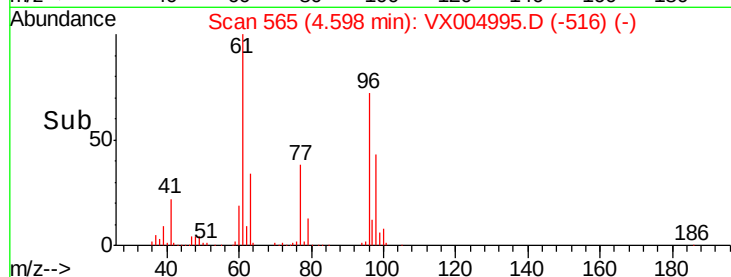
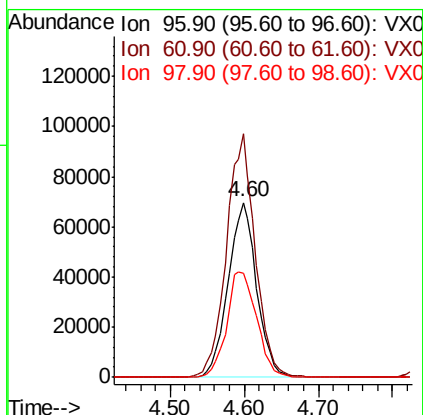
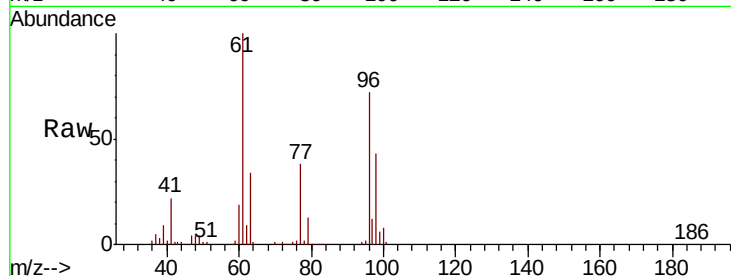


#27

cis-1,2-Dichloroethene
Concen: 49.310 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

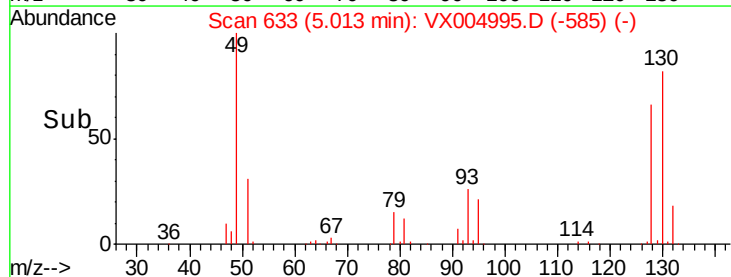
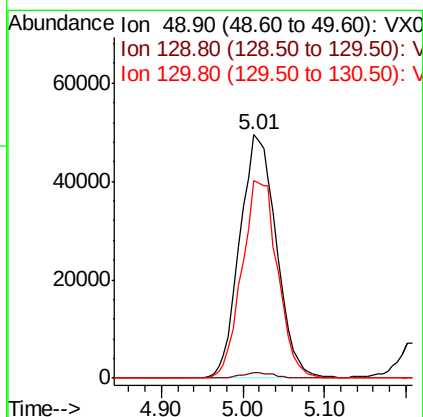
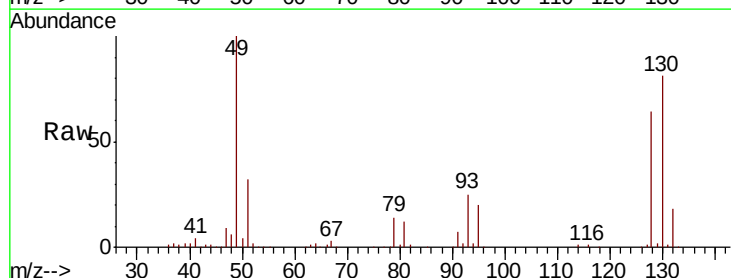
Tot Ion: 96 Resp: 186647
Ion Ratio Lower Upper
96 100
61 139.4 0.0 285.8
98 63.2 0.0 136.2

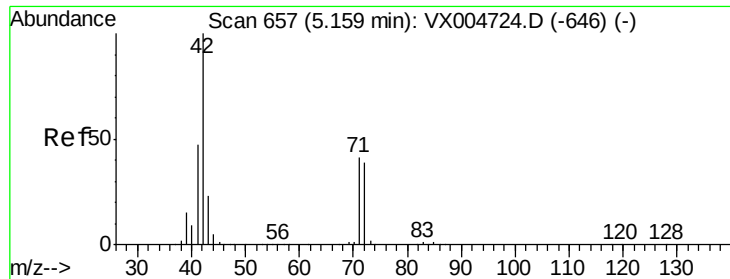


#28

Bromochloromethane
Concen: 48.347 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 49 Resp: 154444
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 79.5 62.0 93.0





#29

Tetrahydrofuran

Concen: 249.973 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

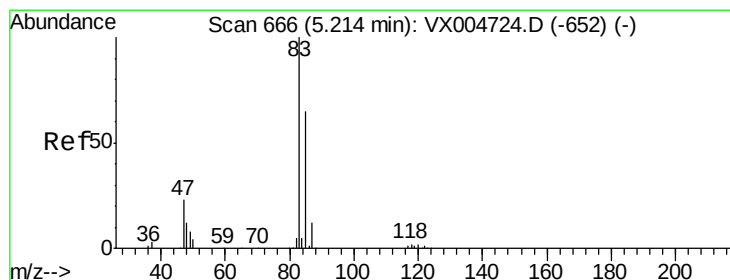
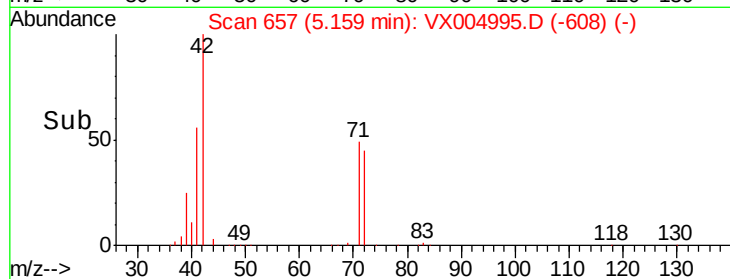
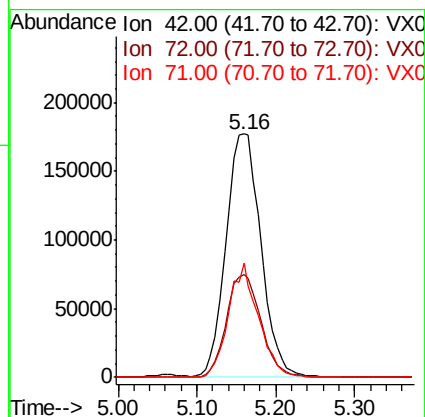
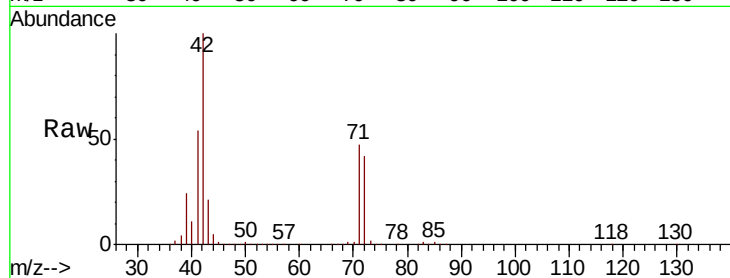
Tot Ion: 42 Resp: 545598

Ion Ratio Lower Upper

42 100

72 42.2 33.7 50.5

71 40.4 32.2 48.4



#30

Chloroform

Concen: 46.784 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004995.D

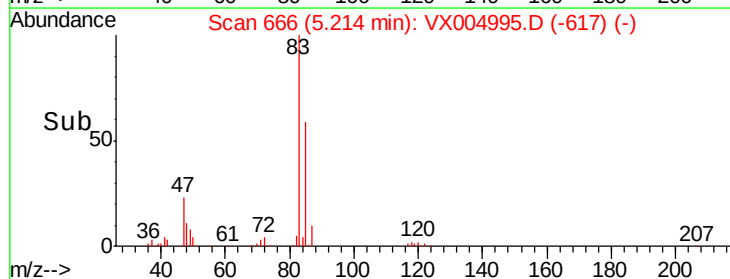
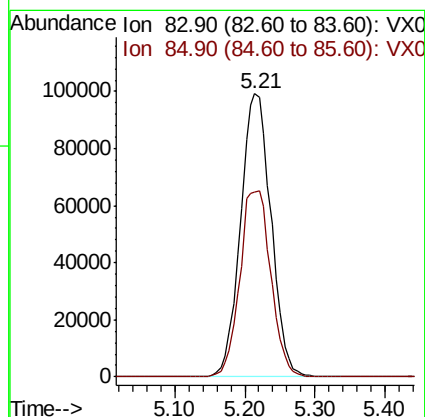
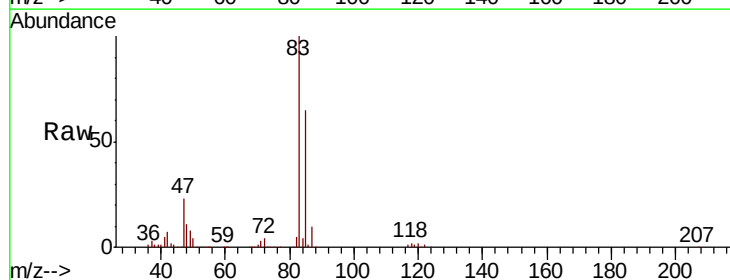
Acq: 04 Oct 2018 03:21

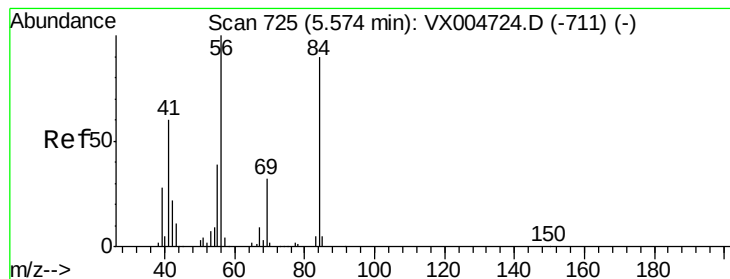
Tgt Ion: 83 Resp: 299945

Ion Ratio Lower Upper

83 100

85 65.1 52.4 78.6





#31

Cyclohexane

Concen: 51.130 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

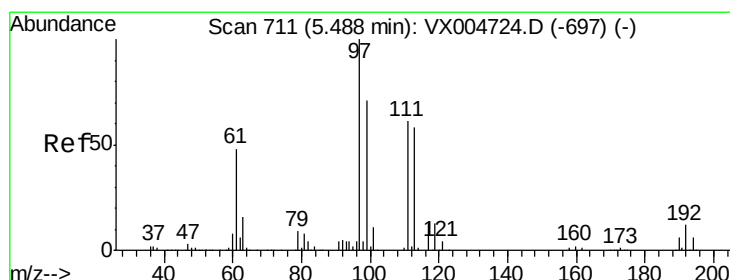
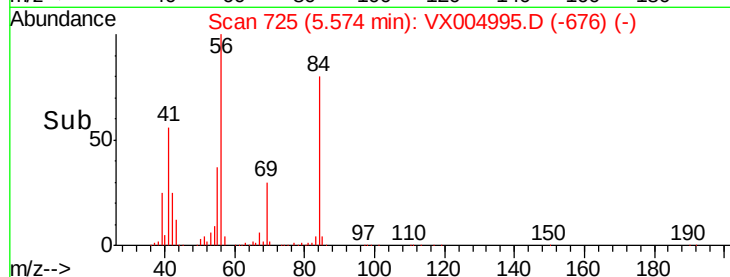
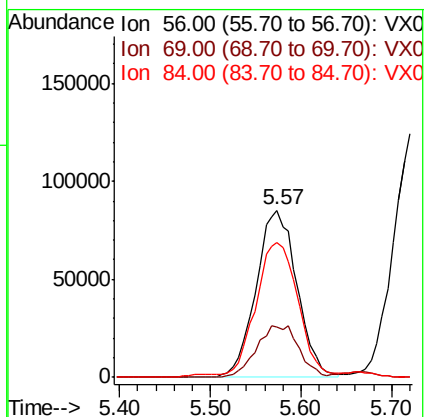
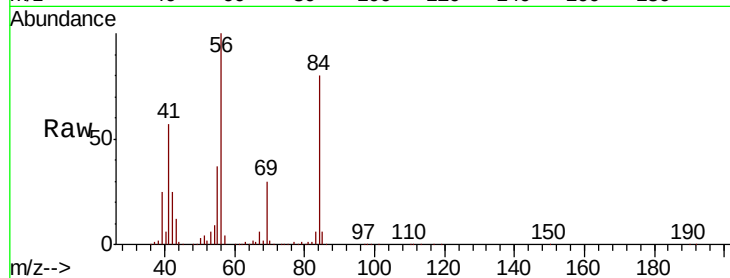
Tot Ion: 56 Resp: 265469

Ion Ratio Lower Upper

56 100

69 30.0 25.9 38.9

84 79.6 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 48.969 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

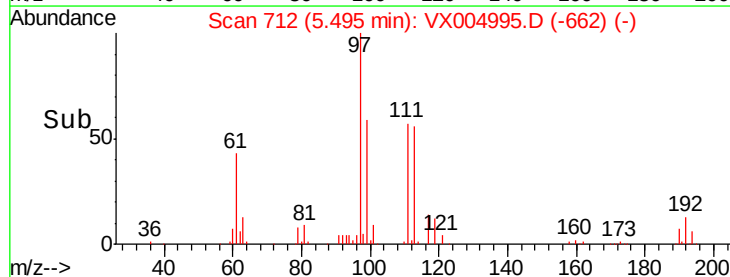
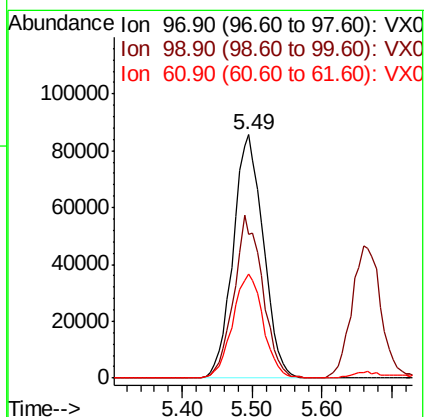
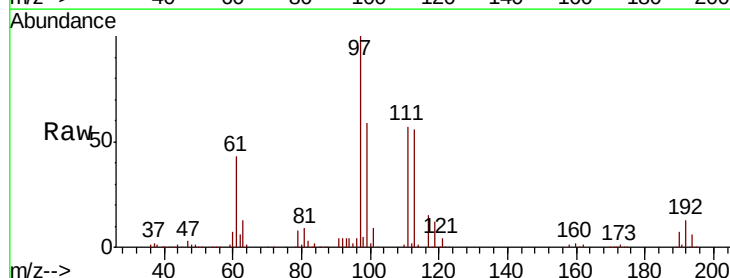
Tgt Ion: 97 Resp: 256397

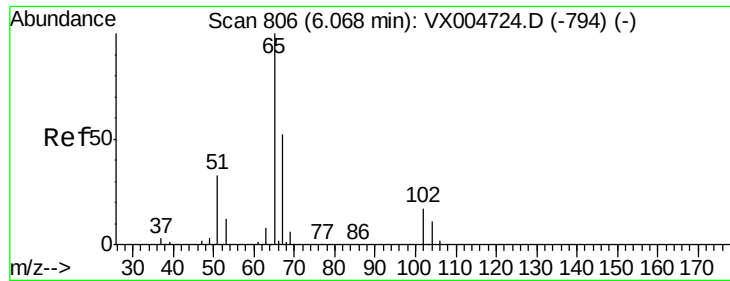
Ion Ratio Lower Upper

97 100

99 63.7 54.6 82.0

61 43.4 37.5 56.3

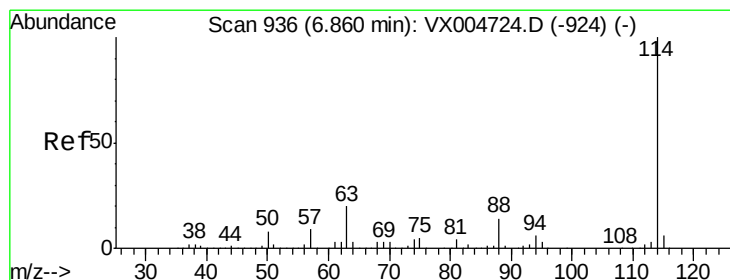
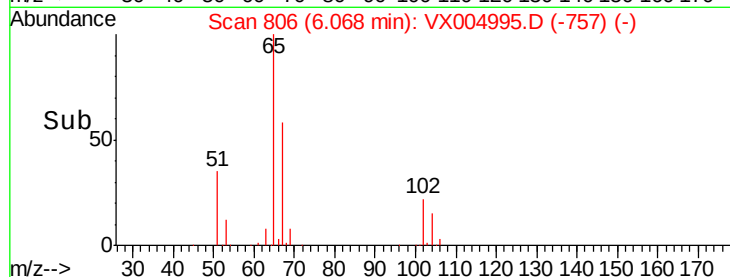
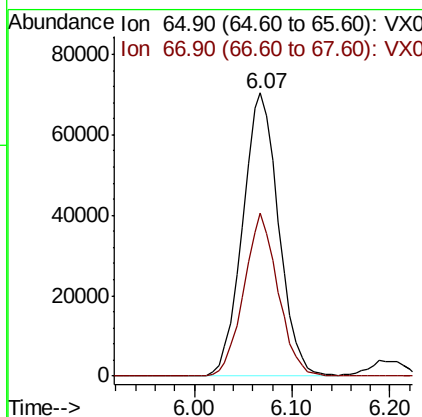
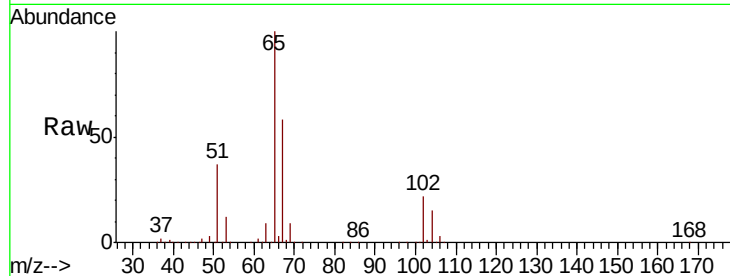




#33
 1,2-Dichloroethane-d4
 Concen: 44.113 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

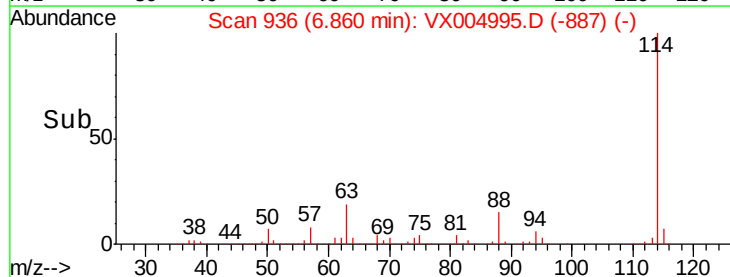
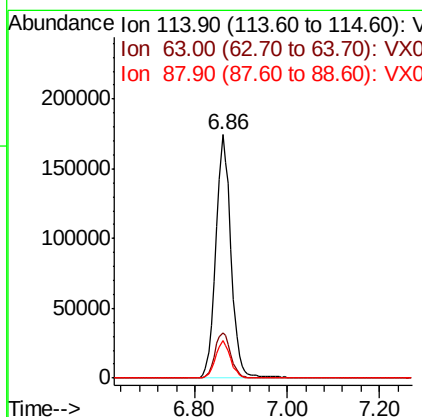
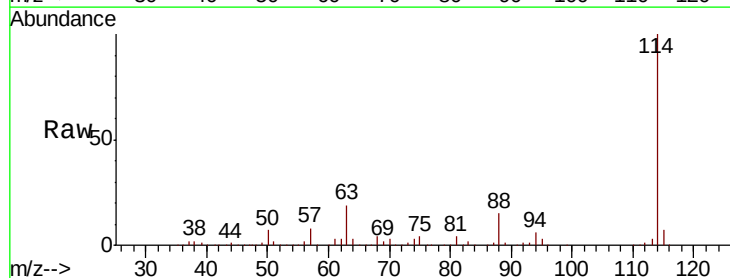
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

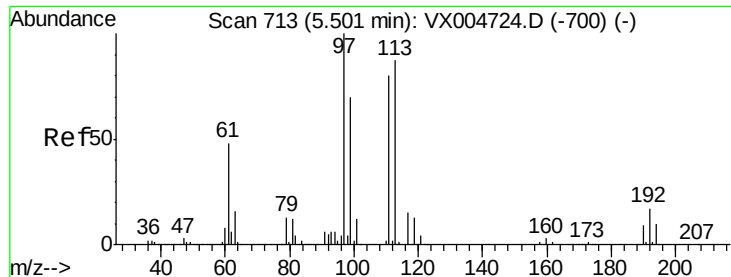
Tot Ion: 65 Resp: 180009
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 114 Resp: 398137
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 39.8
 88 15.5 0.0 27.0

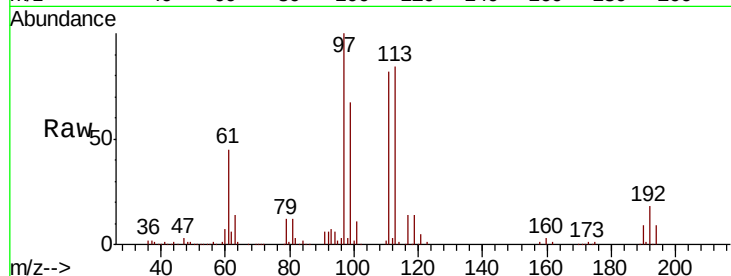




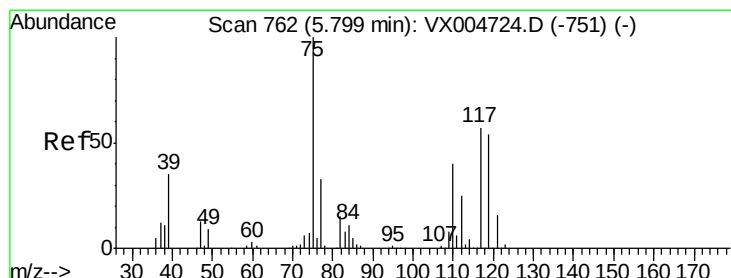
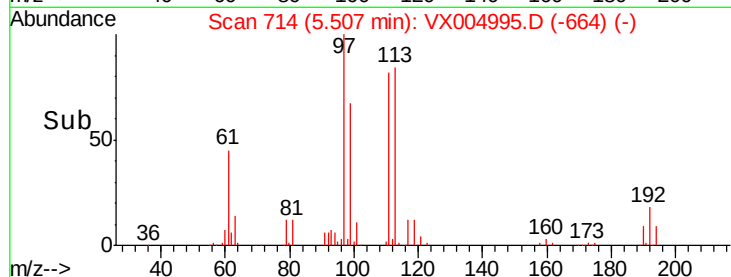
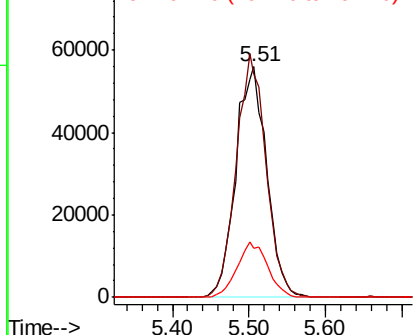
#35
 Dibromofluoromethane
 Concen: 46.576 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:113 Resp: 157159
 Ion Ratio Lower Upper
 113 100
 111 101.4 77.0 115.4
 192 23.7 17.0 25.6

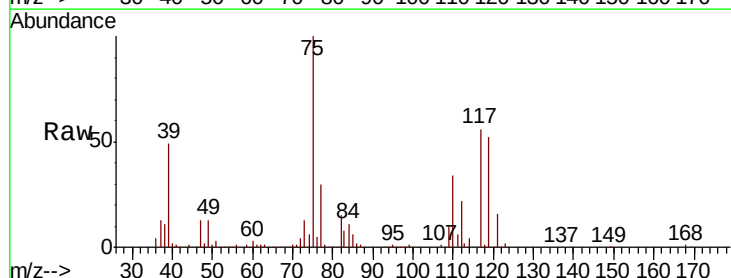


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

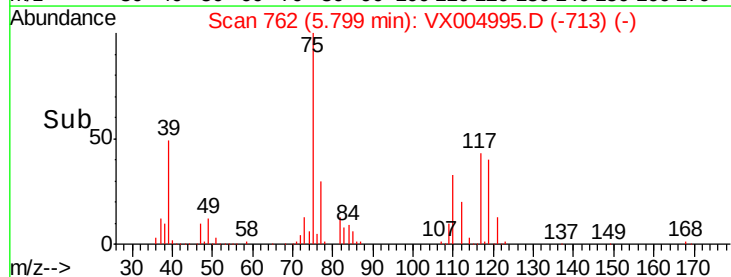
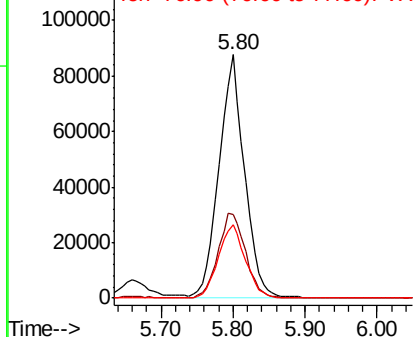


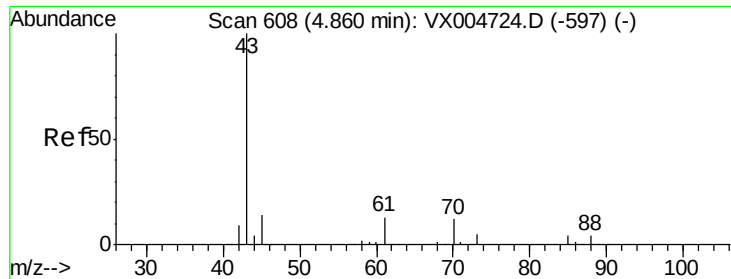
#36
 1,1-Dichloropropene
 Concen: 46.674 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 75 Resp: 214873
 Ion Ratio Lower Upper
 75 100
 110 37.4 20.0 59.9
 77 32.5 27.1 40.7



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

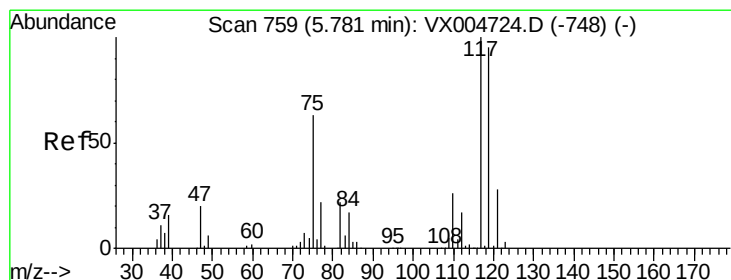
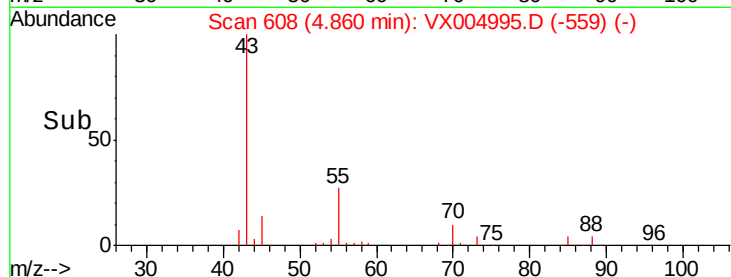
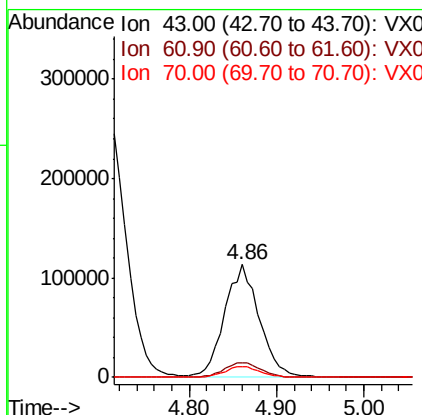
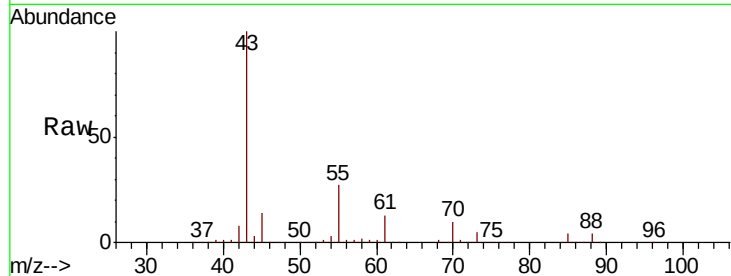




#37
Ethyl Acetate
Concen: 50.828 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

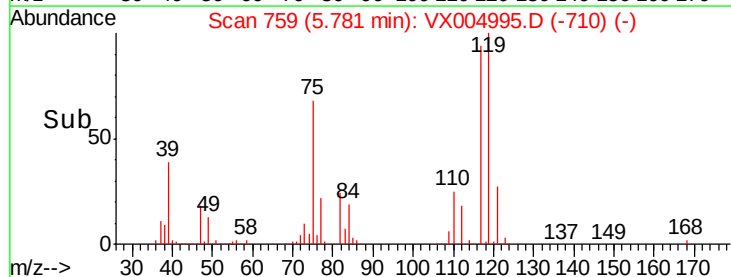
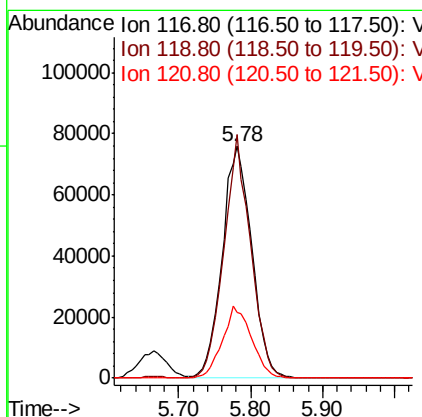
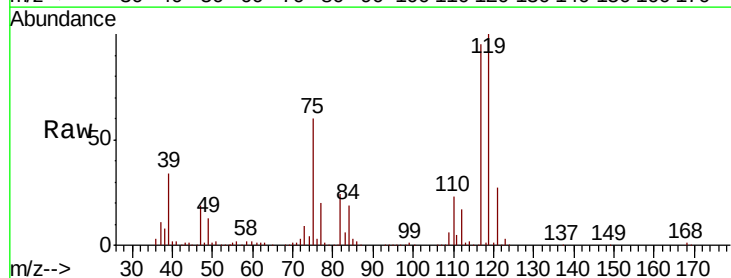
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

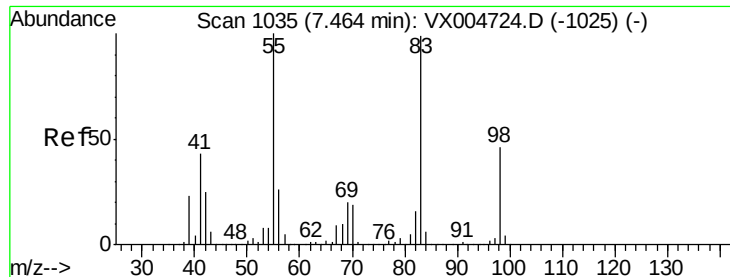
Tot Ion: 43 Resp: 310612
Ion Ratio Lower Upper
43 100
61 13.6 10.4 15.6
70 10.2 8.7 13.1



#38
Carbon Tetrachloride
Concen: 44.708 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 117 Resp: 216356
Ion Ratio Lower Upper
117 100
119 105.1 75.2 112.8
121 28.6 22.5 33.7

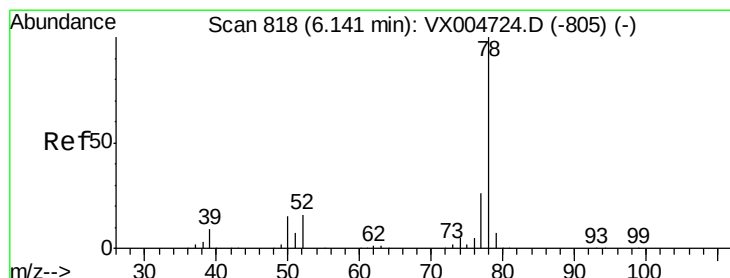
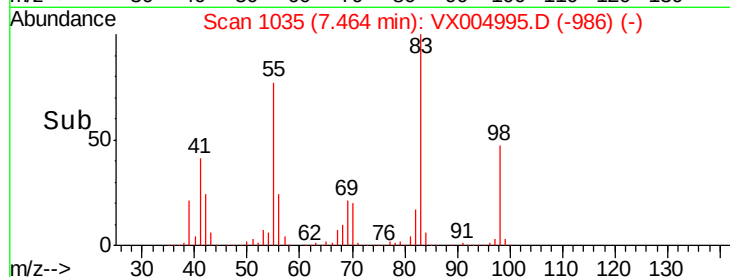
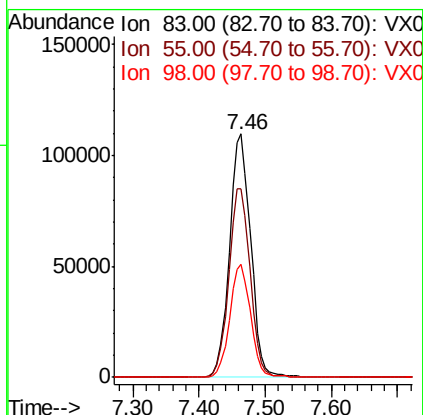
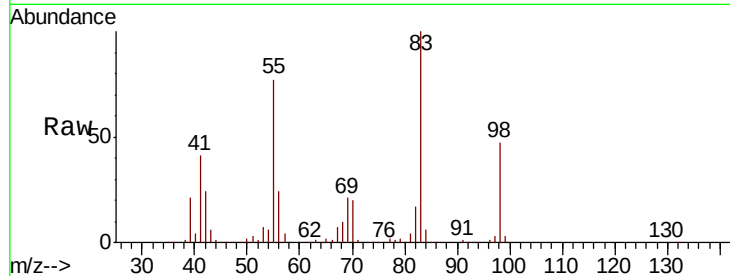




#39
Methylvlcyclohexane
Concen: 51.690 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

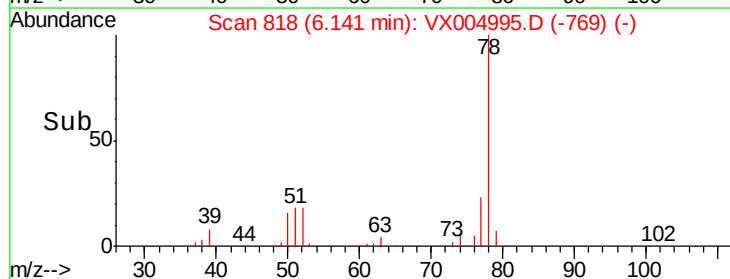
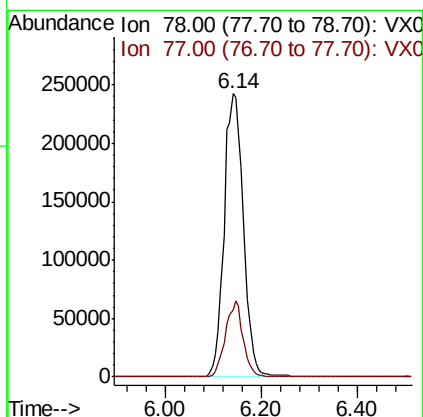
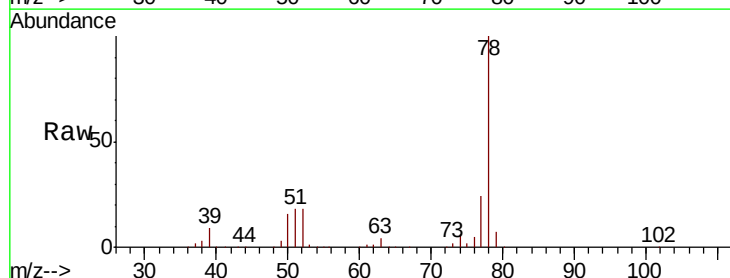
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

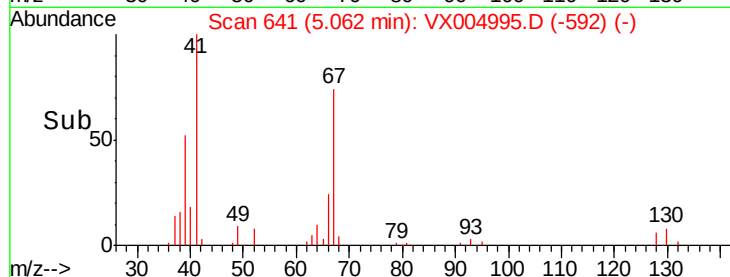
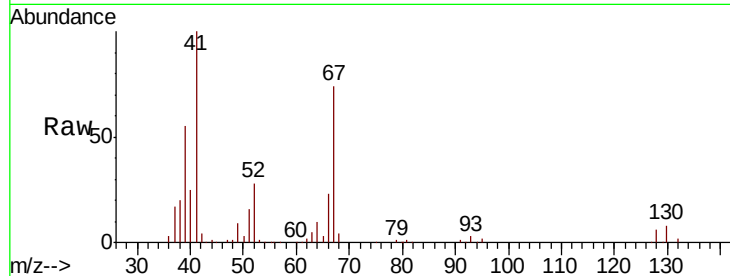
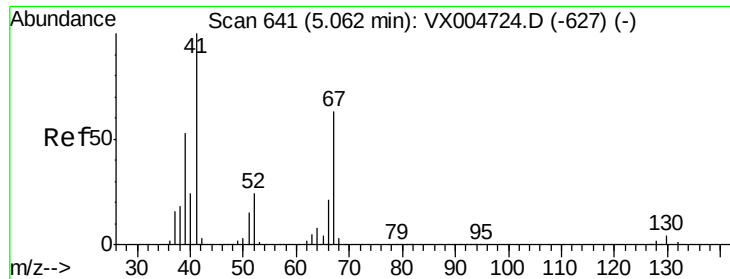
Tot Ion: 83 Resp: 242989
Ion Ratio Lower Upper
83 100
55 77.3 81.1 121.7#
98 46.5 37.3 55.9



#40
Benzene
Concen: 46.973 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 78 Resp: 677016
Ion Ratio Lower Upper
78 100
77 23.9 21.0 31.4

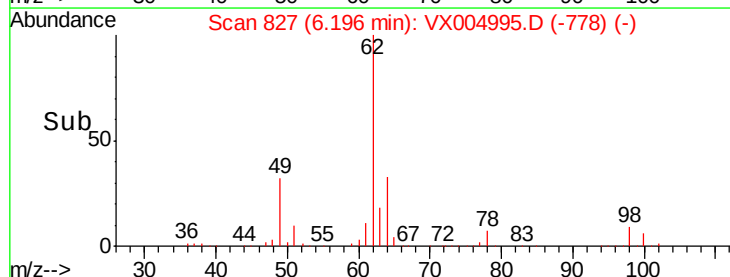
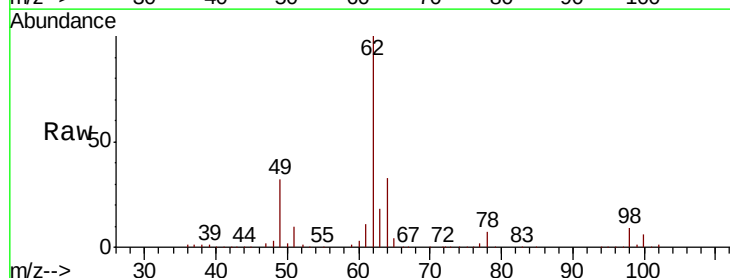
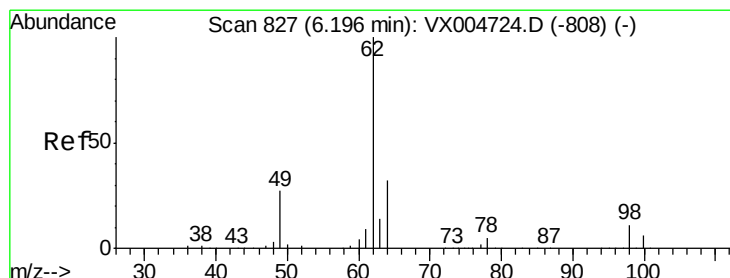
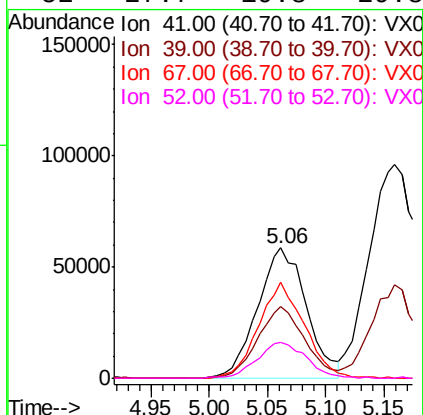




#41
Methacrylonitrile
Concen: 49.863 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

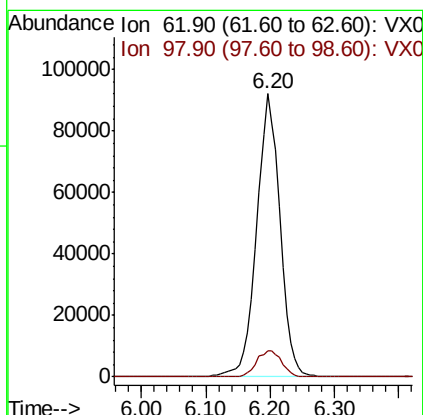
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

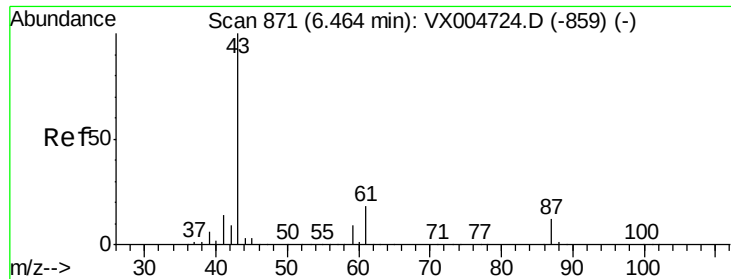
Tot Ion:	41	Resp:	168987
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	69.8	53.0	79.6
52	27.7	19.8	29.8



#42
1,2-Dichloroethane
Concen: 44.994 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:	62	Resp:	229247
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

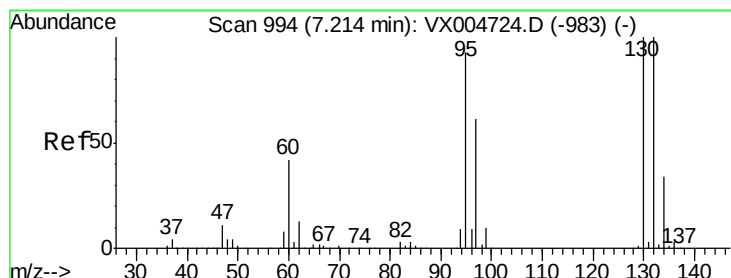
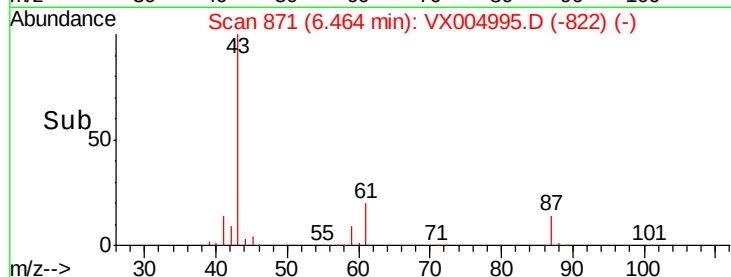
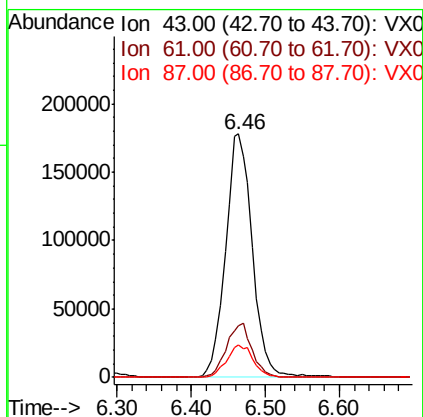
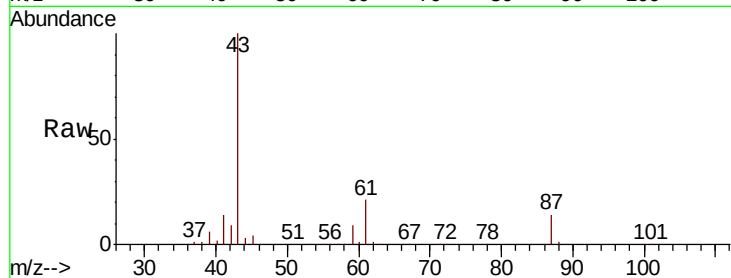




#43
Isopropyl Acetate
Concen: 50.133 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

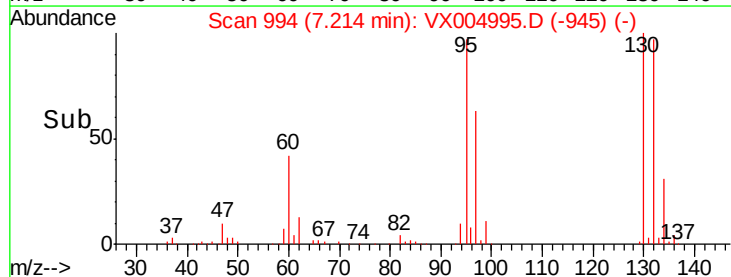
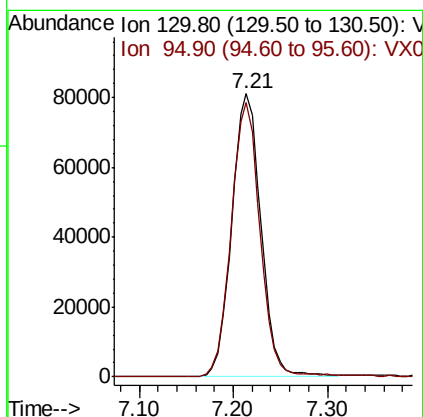
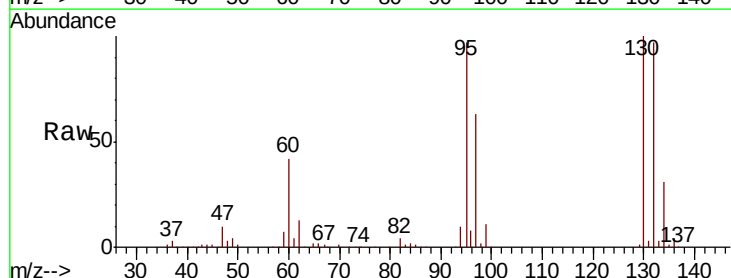
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

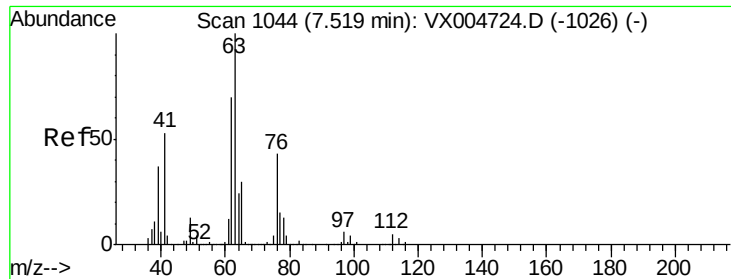
Tot Ion: 43 Resp: 442189
Ion Ratio Lower Upper
43 100
61 21.5 14.2 21.4#
87 13.3 9.3 13.9



#44
Trichloroethene
Concen: 49.433 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:130 Resp: 175147
Ion Ratio Lower Upper
130 100
95 96.7 0.0 186.8

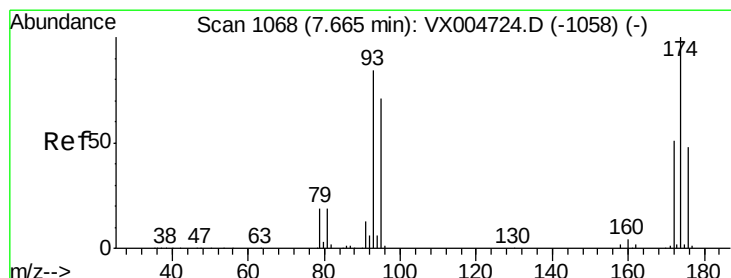
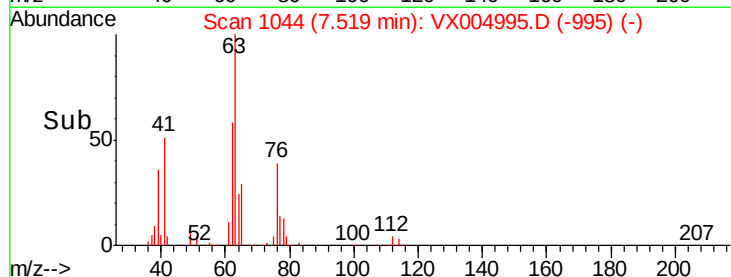
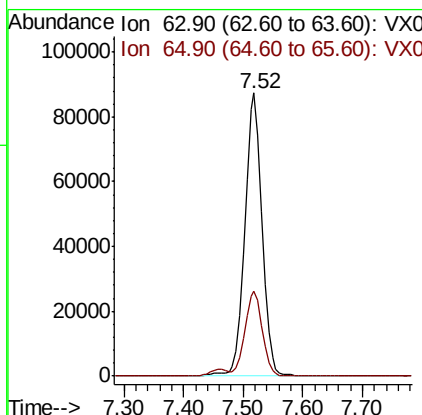
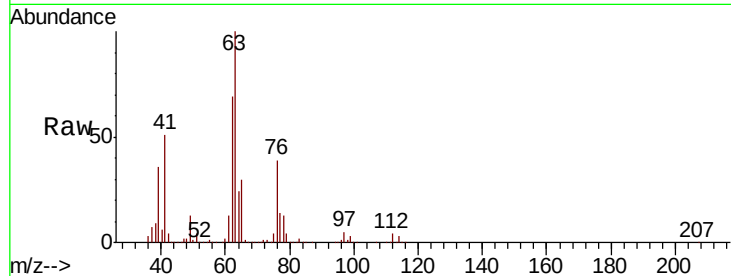




#45
 1,2-Dichloropropane
 Concen: 49.992 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

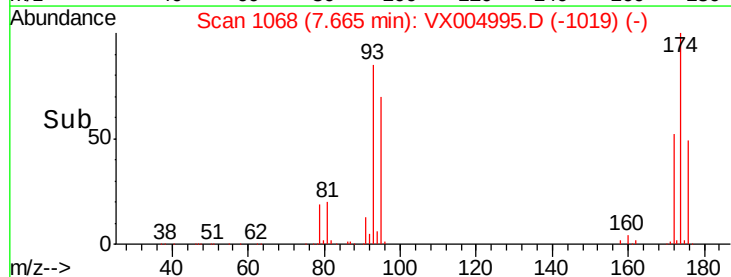
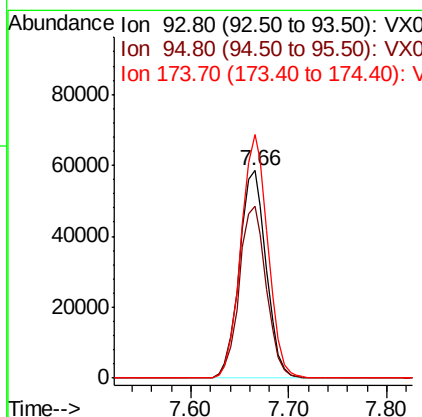
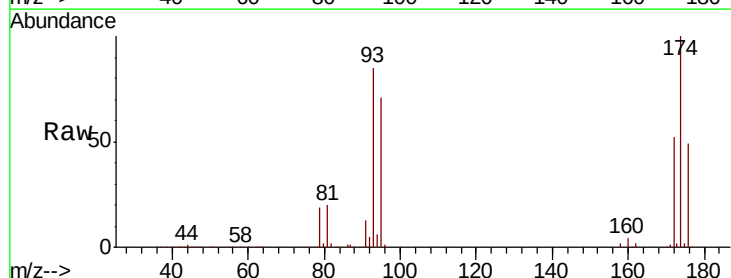
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

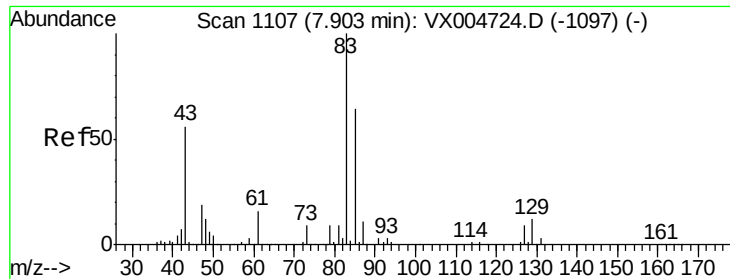
Tot Ion: 63 Resp: 176695
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9



#46
 Dibromomethane
 Concen: 50.096 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 93 Resp: 111277
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.7 100.1
 174 117.4 92.7 139.1





#47

Bromodichloromethane

Concen: 50.862 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

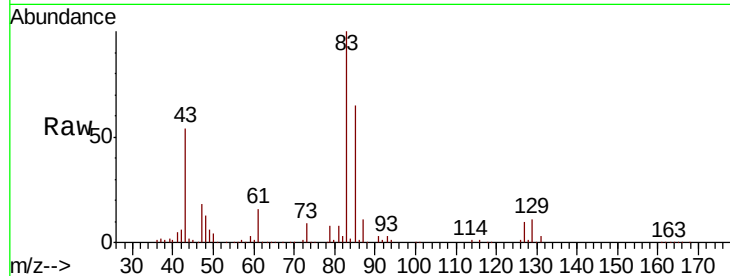
Tot Ion: 83 Resp: 211526

Ion Ratio Lower Upper

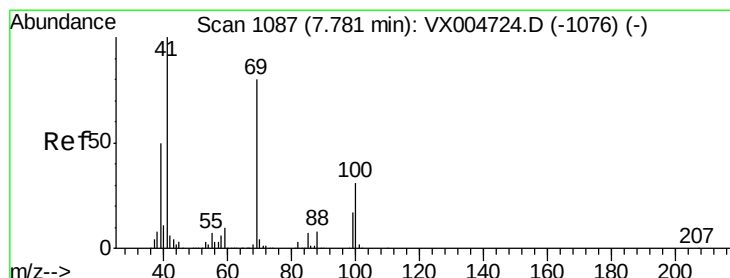
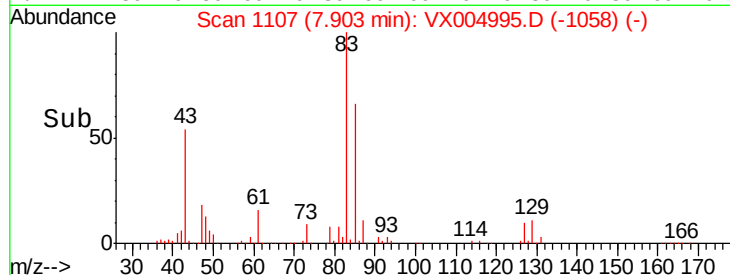
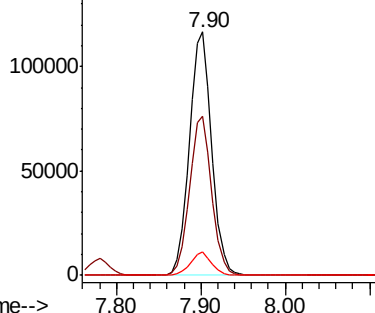
83 100

85 65.5 51.2 76.8

127 9.7 7.0 10.6



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: 55.099 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

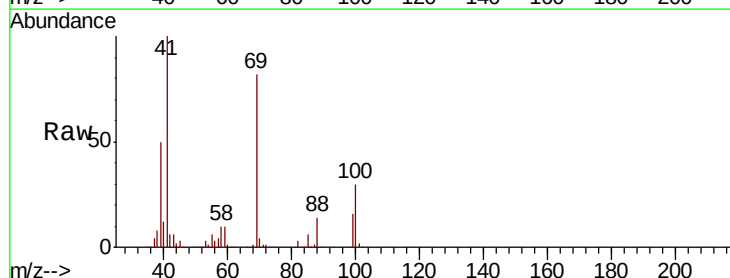
Tgt Ion: 41 Resp: 220586

Ion Ratio Lower Upper

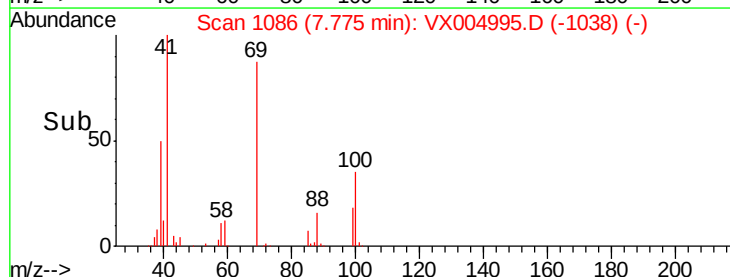
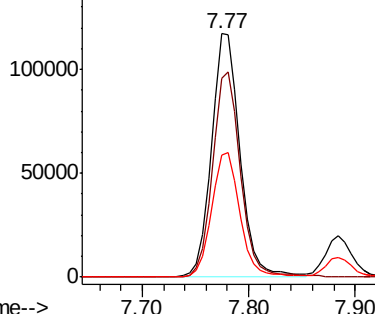
41 100

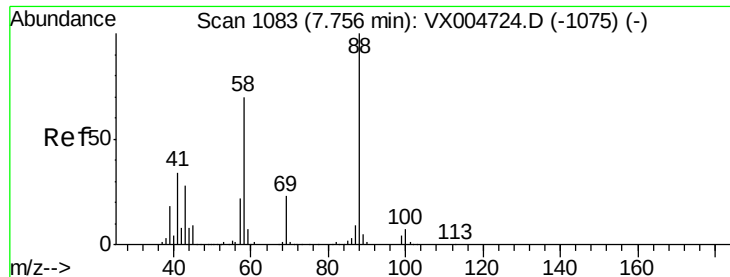
69 82.9 63.8 95.6

39 50.9 40.7 61.1



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: 1000.728 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

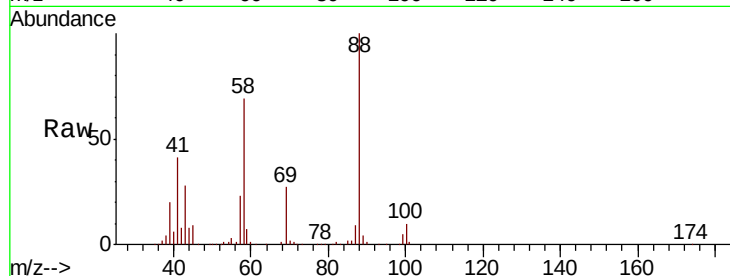
Tot Ion: 88 Resp: 99533

Ion Ratio Lower Upper

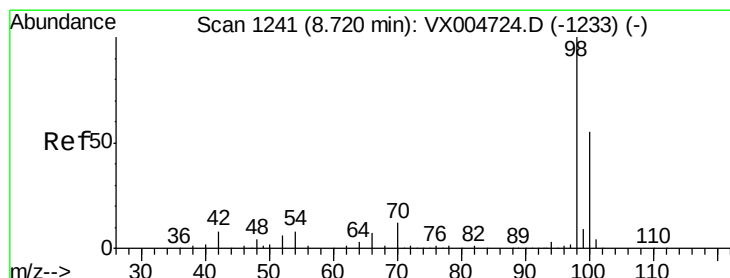
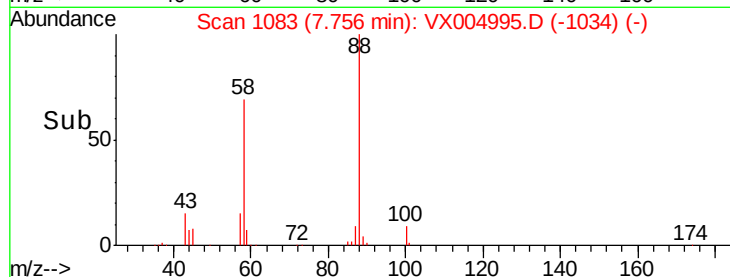
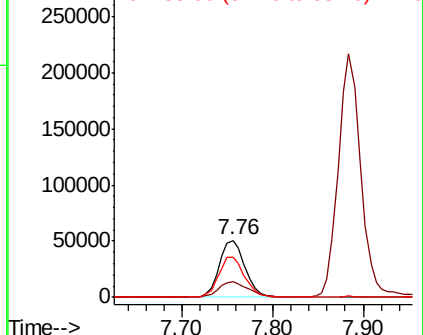
88 100

43 31.8 25.1 37.7

58 72.3 56.2 84.2



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



#50

Toluene-d8

Concen: 49.663 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX004995.D

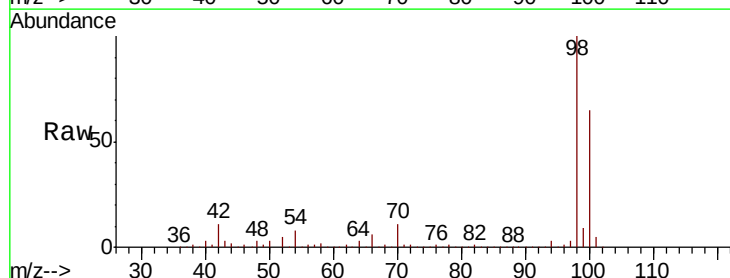
Acq: 04 Oct 2018 03:21

Tgt Ion: 98 Resp: 557101

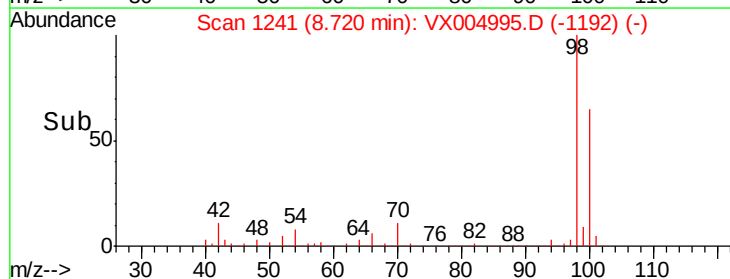
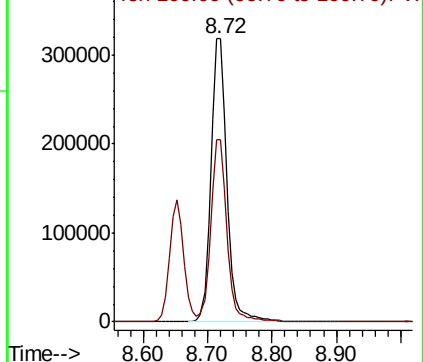
Ion Ratio Lower Upper

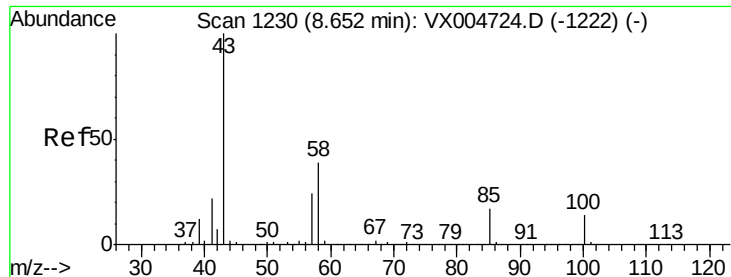
98 100

100 65.1 51.9 77.9



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

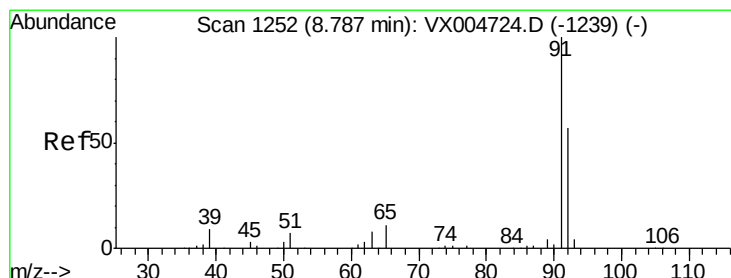
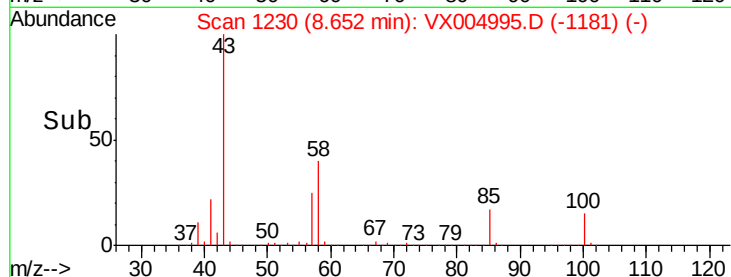
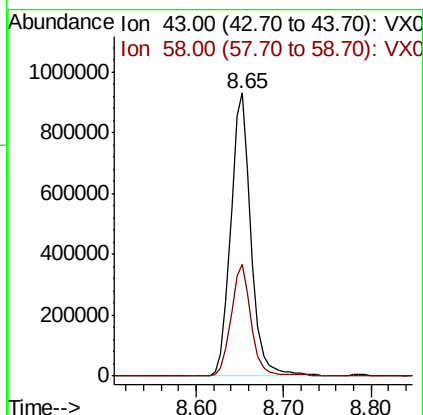
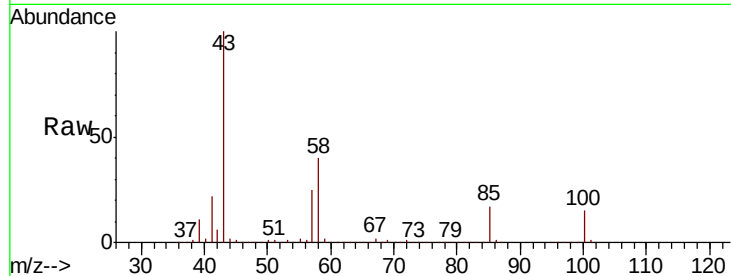




#51
4-Methyl-2-Pentanone
Concen: 270.048 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

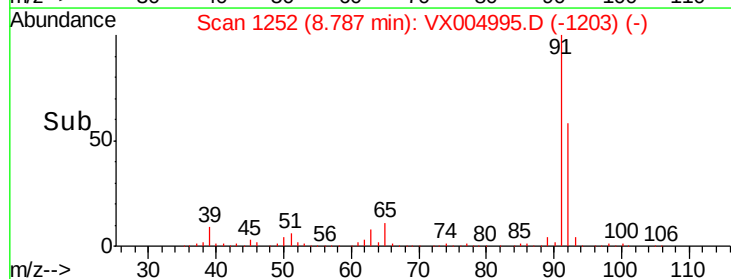
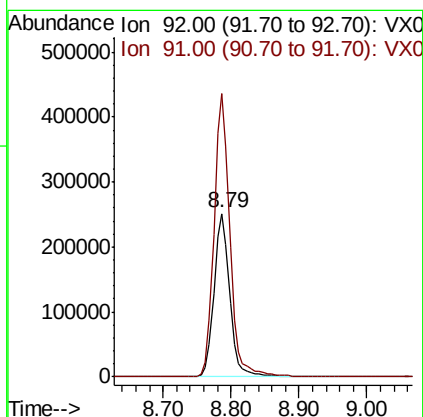
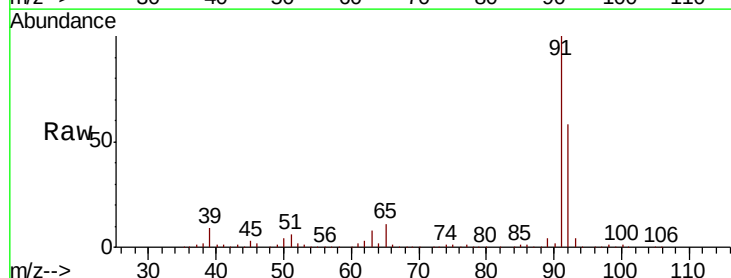
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

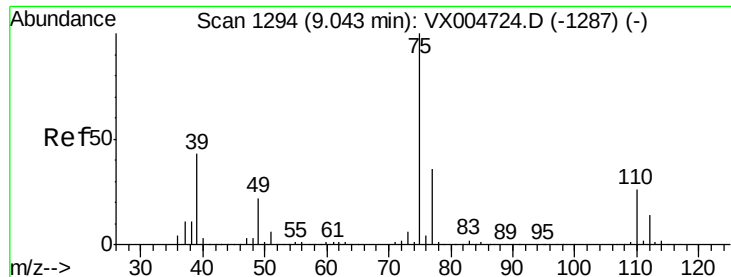
Tot Ion: 43 Resp: 1499764
Ion Ratio Lower Upper
43 100
58 39.6 30.5 45.7



#52
Toluene
Concen: 51.023 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 92 Resp: 404084
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 48.673 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

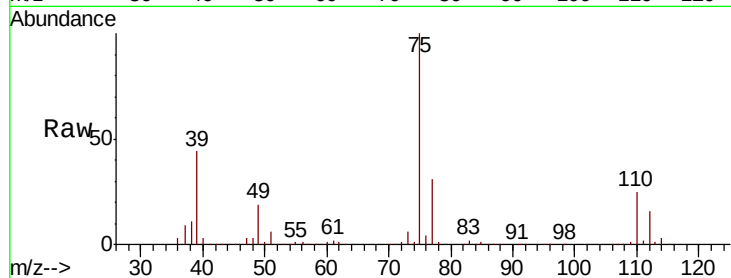
VSTDCCC050

Tot Ion: 75 Resp: 228749

Ion Ratio Lower Upper

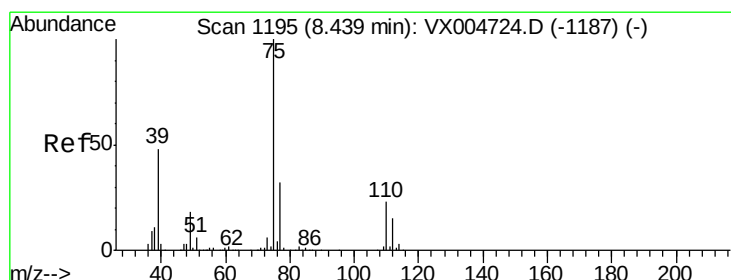
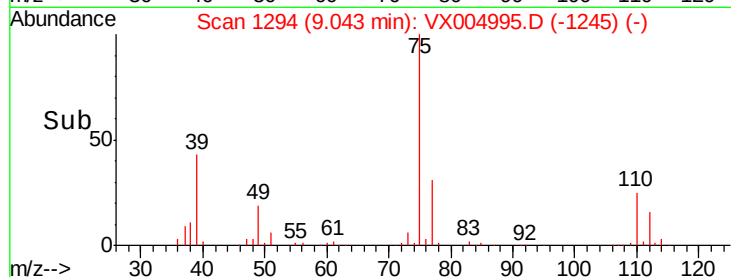
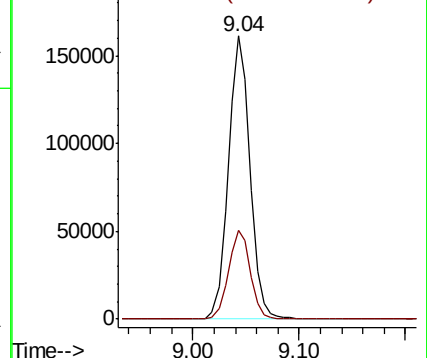
75 100

77 31.4 28.9 43.3



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: 50.818 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

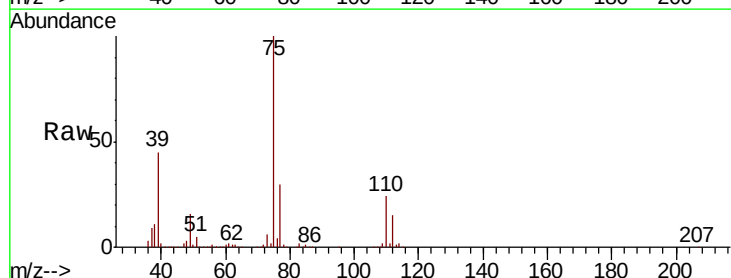
Tgt Ion: 75 Resp: 250156

Ion Ratio Lower Upper

75 100

77 30.4 25.7 38.5

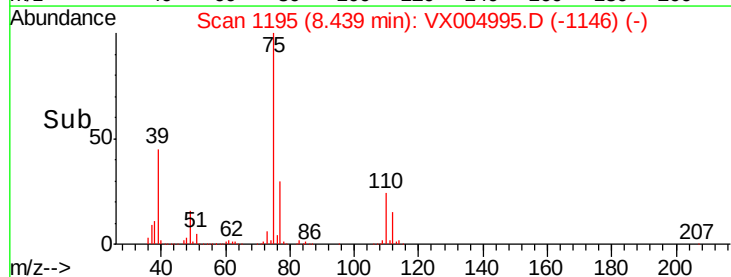
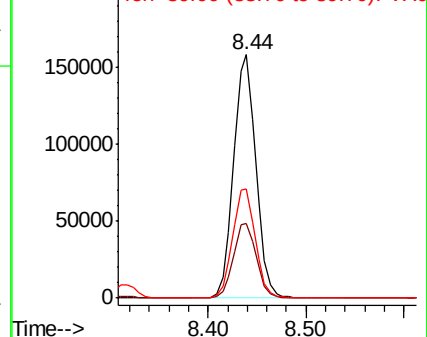
39 44.7 38.3 57.5

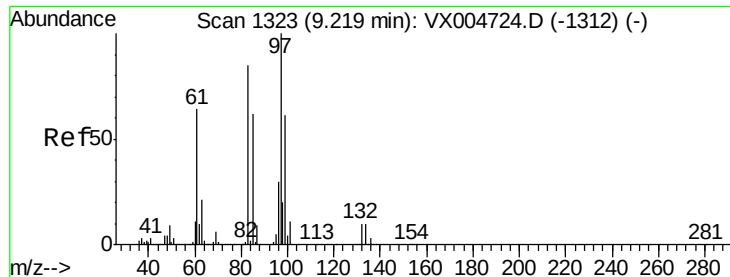


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

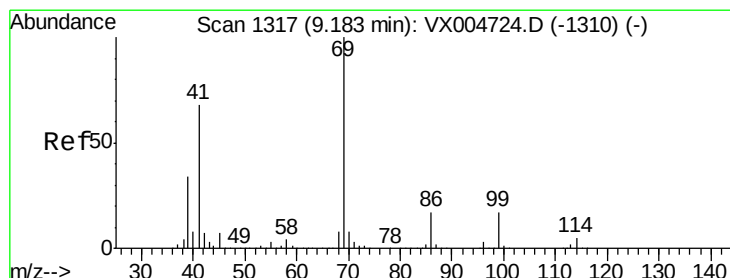
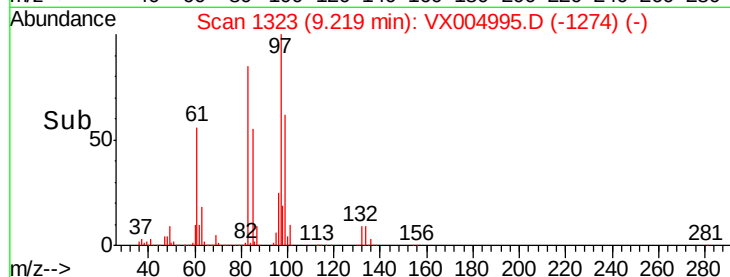
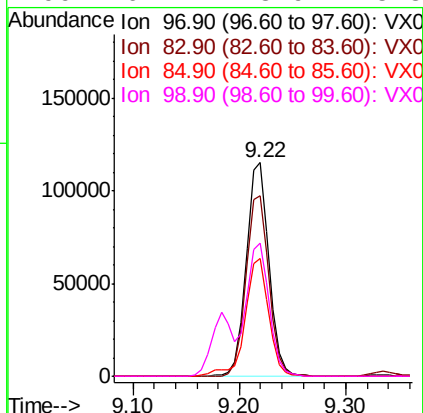
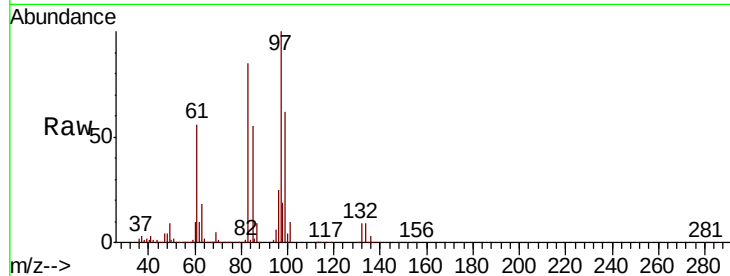




#55
 1,1,2-Trichloroethane
 Concen: 49.582 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

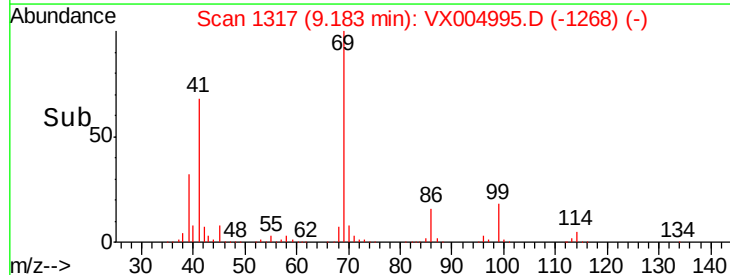
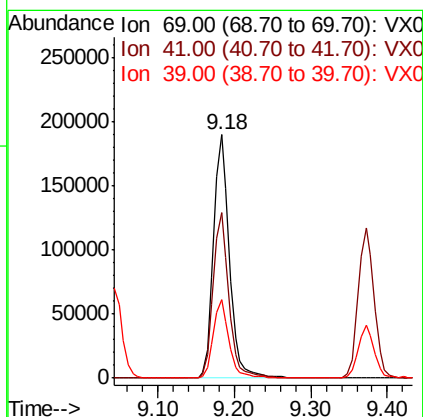
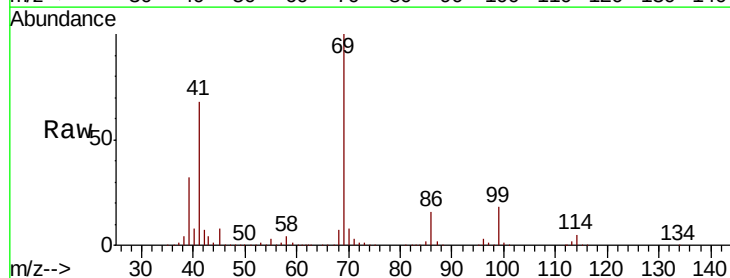
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

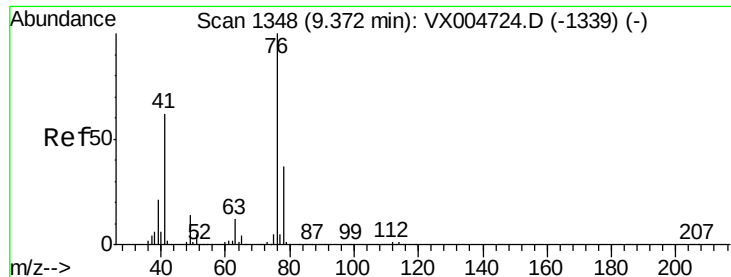
Tot Ion:	97	Resp:	172005
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.2	102.2
85	55.1	49.9	74.9
99	62.2	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 48.969 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion:	69	Resp:	275314
Ion	Ratio	Lower	Upper
69	100		
41	67.2	56.9	85.3
39	31.6	28.4	42.6

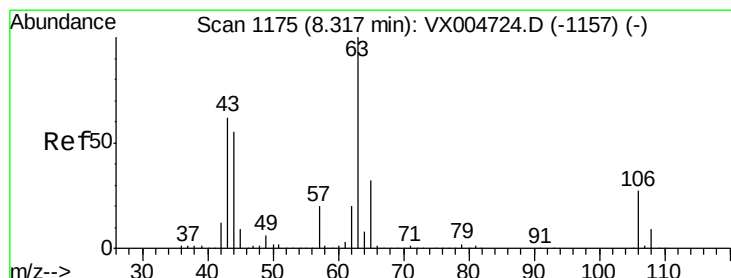
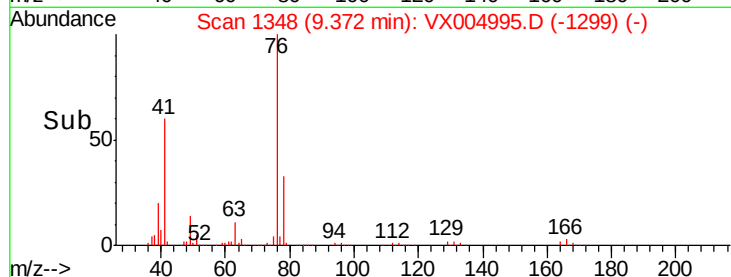
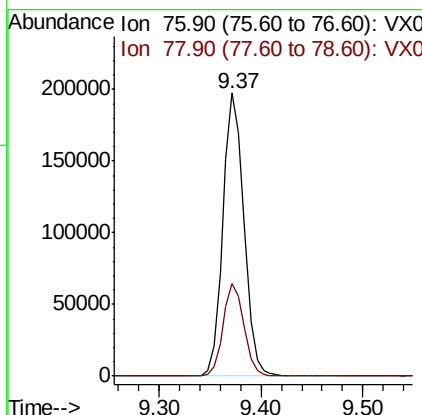
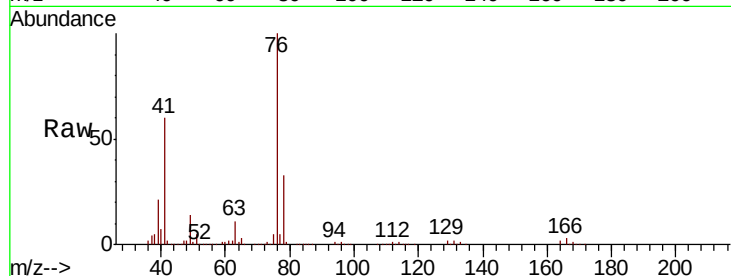




#57
 1,3-Dichloropropane
 Concen: 49.040 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

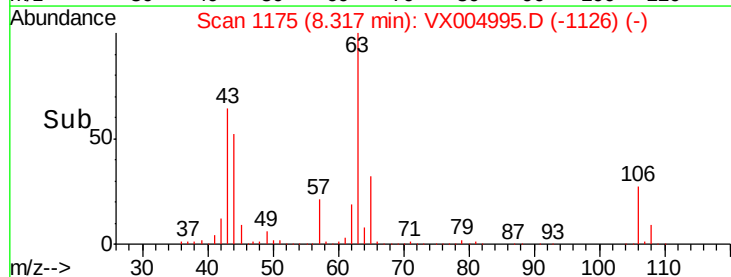
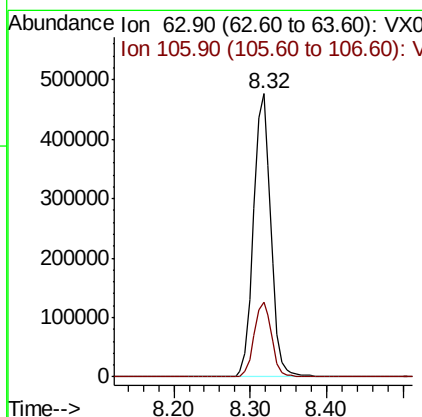
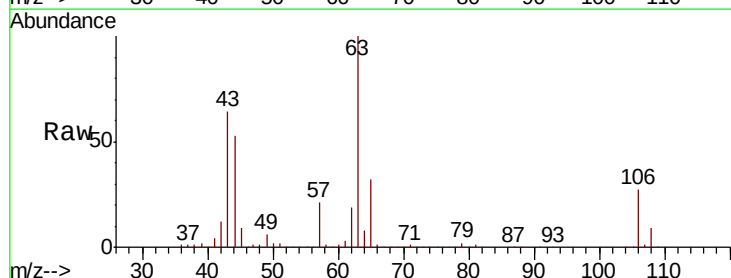
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

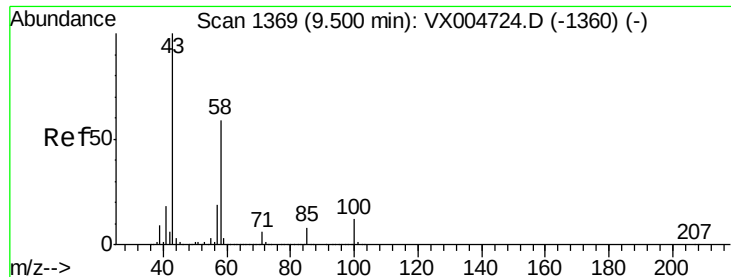
Tot Ion: 76 Resp: 283139
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.094 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 63 Resp: 753913
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.0 31.6

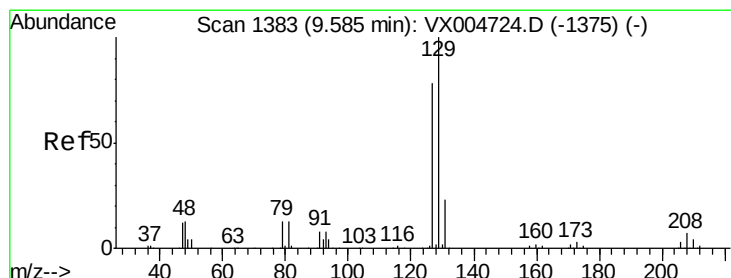
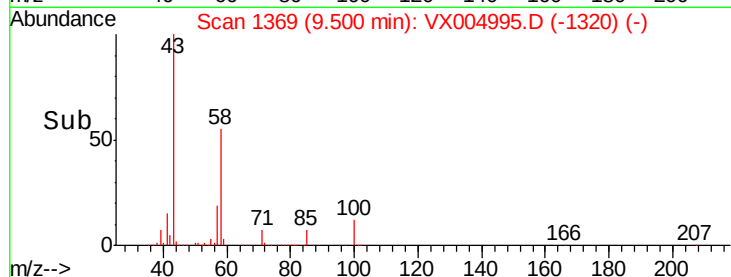
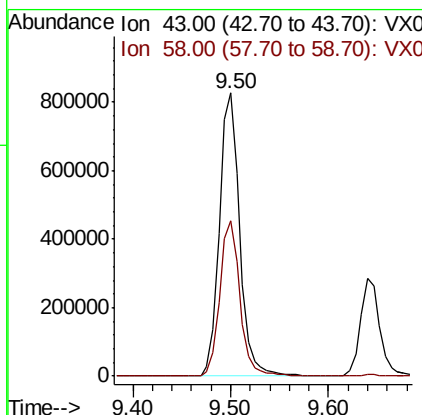
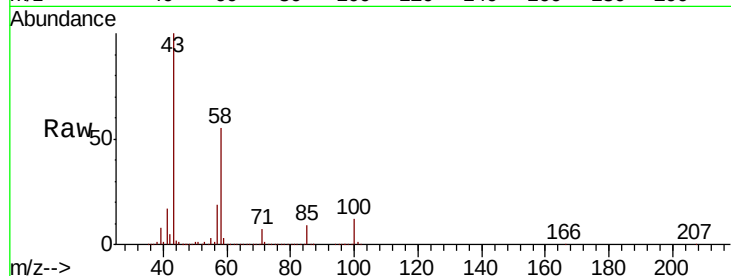




#59
2-Hexanone
Concen: 256.914 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

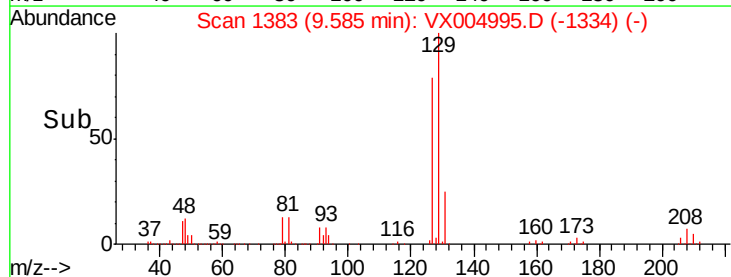
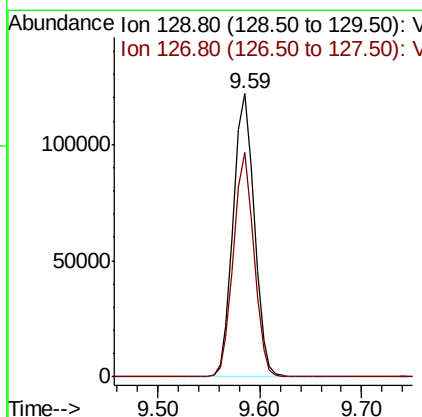
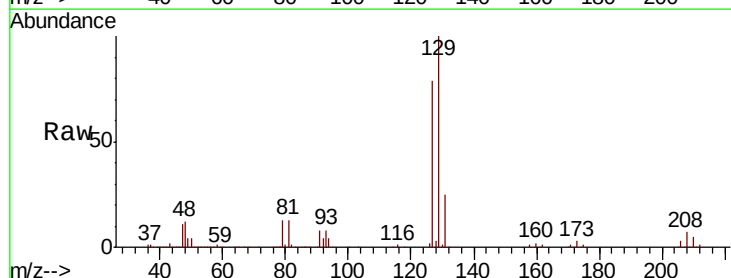
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

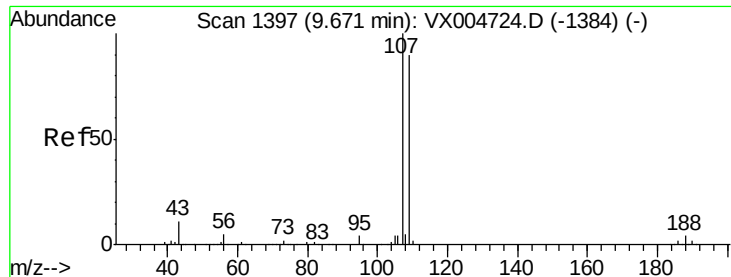
Tot Ion: 43 Resp: 1188994
Ion Ratio Lower Upper
43 100
58 54.5 28.4 85.3



#60
Dibromochloromethane
Concen: 50.050 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion: 129 Resp: 173640
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 47.995 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

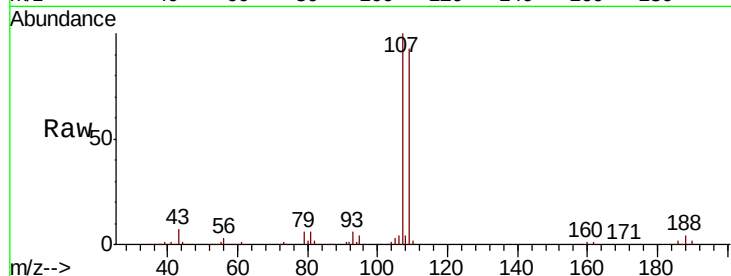
VSTDCCC050

Tot Ion:107 Resp: 178312

Ion Ratio Lower Upper

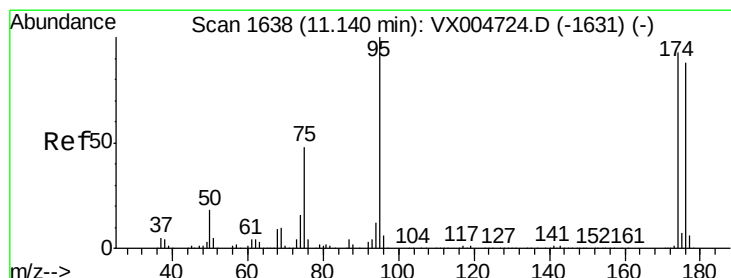
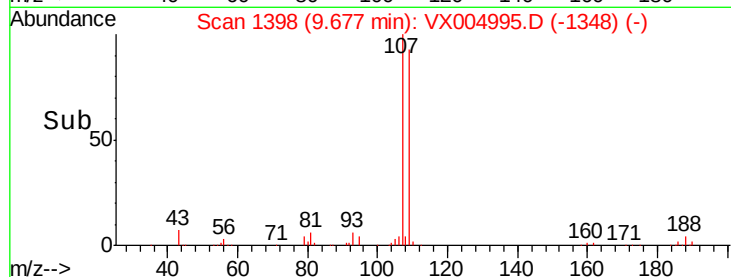
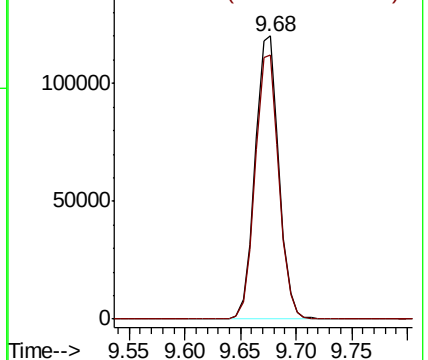
107 100

109 93.9 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.500 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

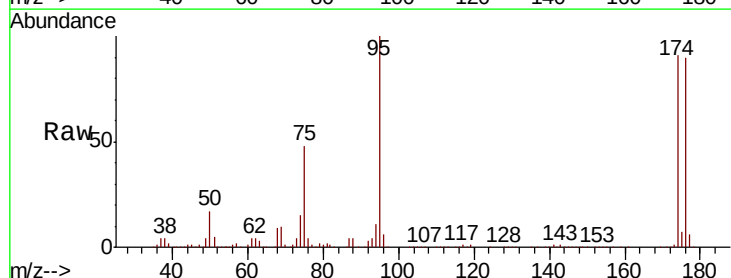
Tgt Ion: 95 Resp: 208124

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.0

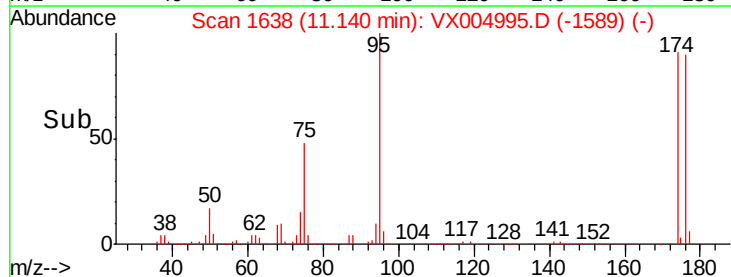
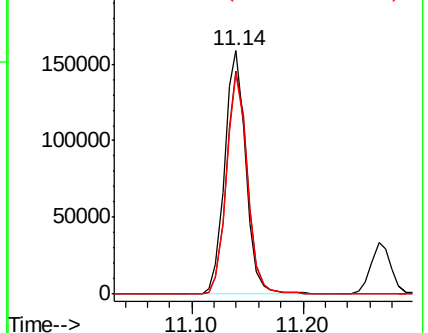
176 89.3 0.0 180.2

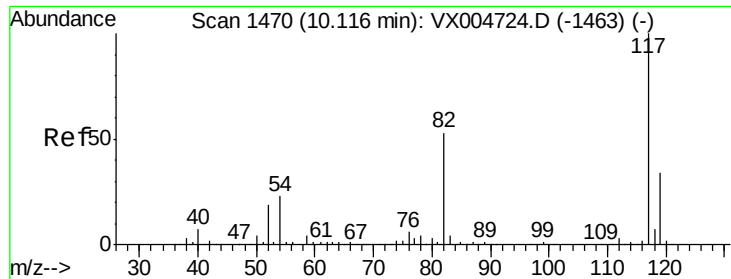


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

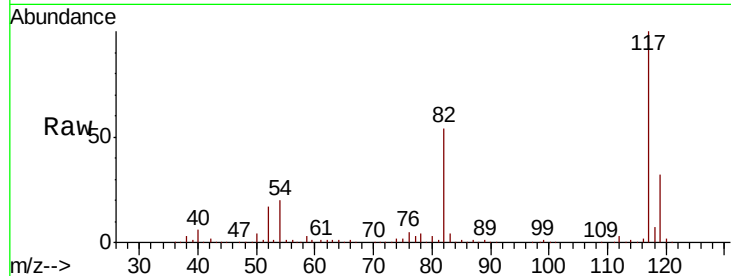




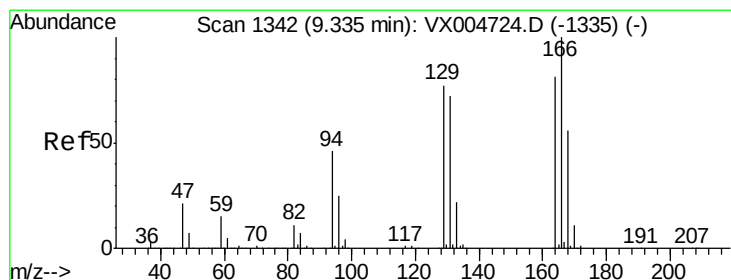
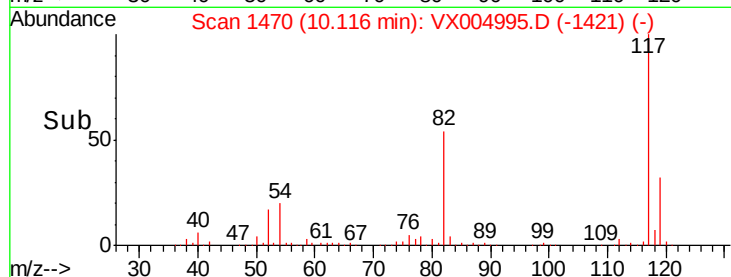
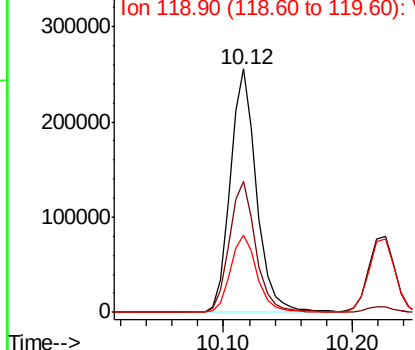
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 364819
Ion Ratio Lower Upper
117 100
82 53.7 42.2 63.4
119 31.8 27.4 41.0

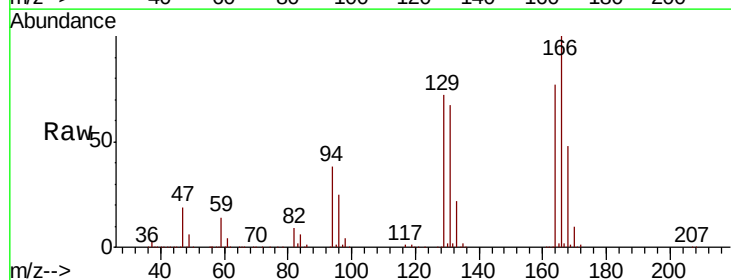


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

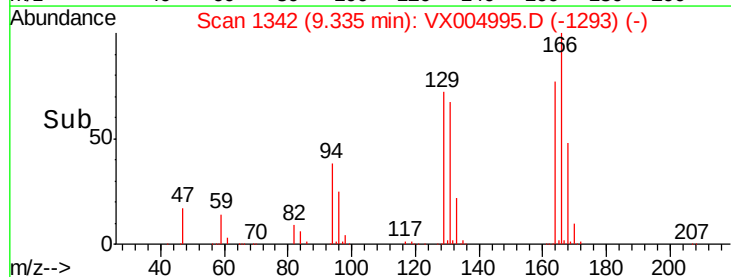
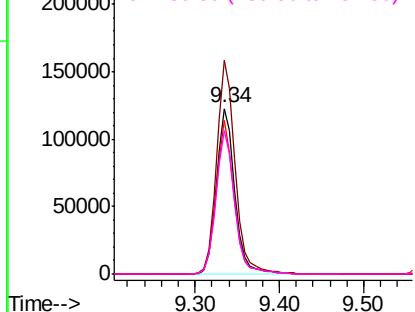


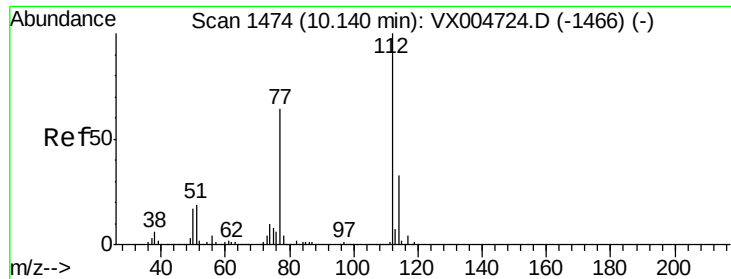
#64
Tetrachloroethene
Concen: 51.963 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:164 Resp: 186578
Ion Ratio Lower Upper
164 100
166 129.2 98.4 147.6
129 92.6 76.1 114.1
131 87.0 71.0 106.4



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: 48.949 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

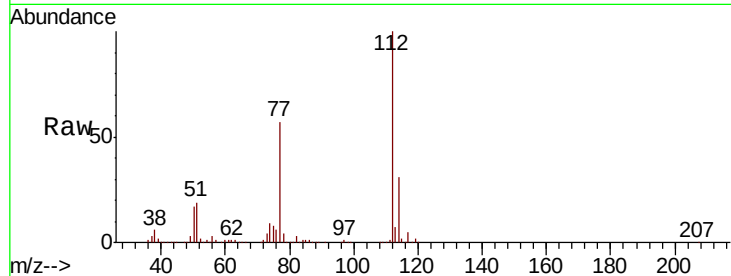
VSTDCCC050

Tot Ion:112 Resp: 457913

Ion Ratio Lower Upper

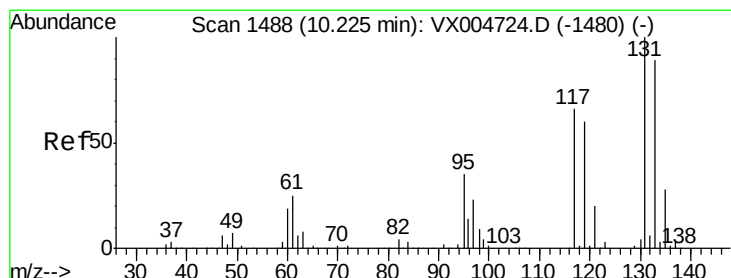
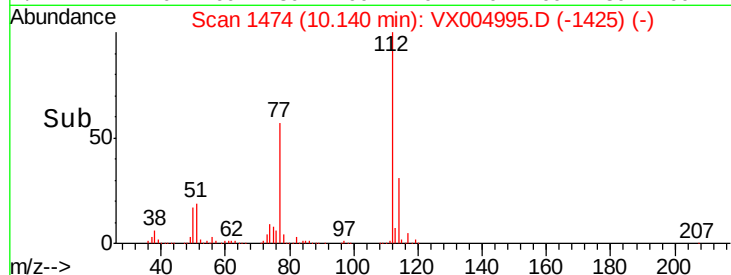
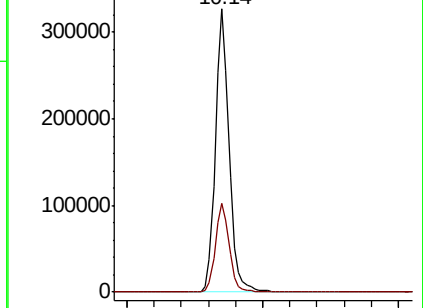
112 100

114 31.5 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.034 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

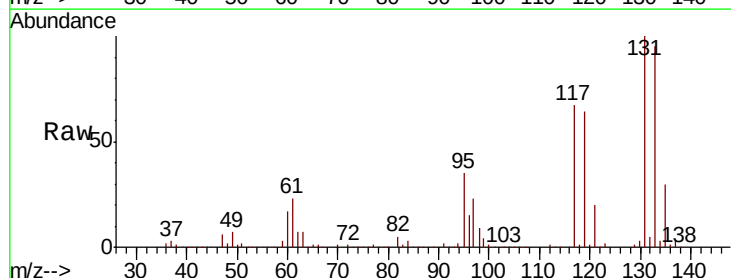
Tgt Ion:131 Resp: 164552

Ion Ratio Lower Upper

131 100

133 96.0 48.4 145.0

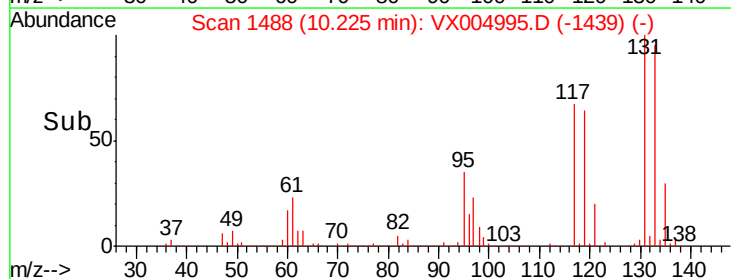
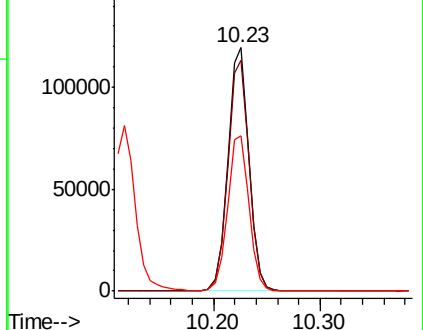
119 65.5 32.3 96.8

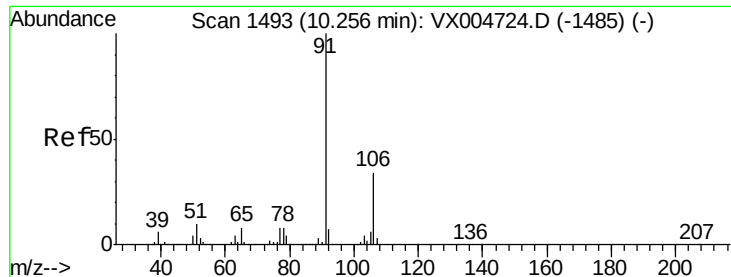


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.862 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

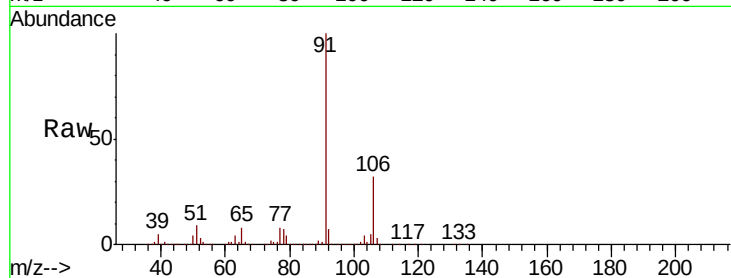
VSTDCCC050

Tot Ion: 91 Resp: 770262

Ion Ratio Lower Upper

91 100

106 32.0 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)

Ion 106.00 (105.70 to 106.70): VX004724.D (-1485) (-)

1000000

800000

600000

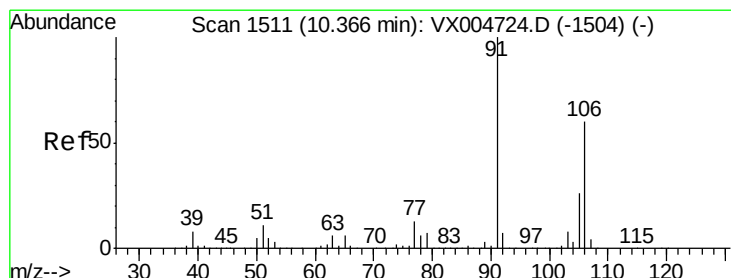
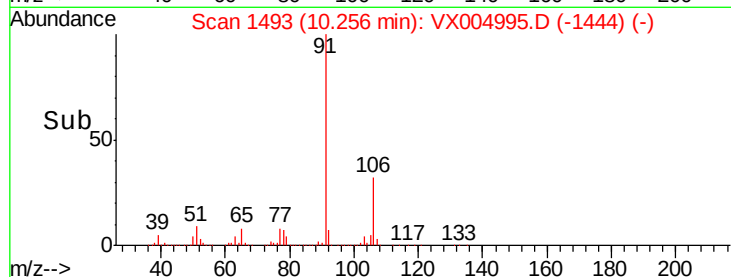
400000

200000

0

10.20 10.30

Time-->



#68

m/p-Xylenes

Concen: 103.289 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004995.D

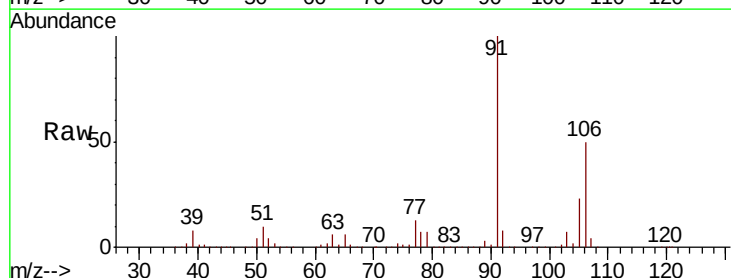
Acq: 04 Oct 2018 03:21

Tgt Ion: 106 Resp: 599472

Ion Ratio Lower Upper

106 100

91 202.2 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX004724.D (-1504) (-)

1000000

800000

600000

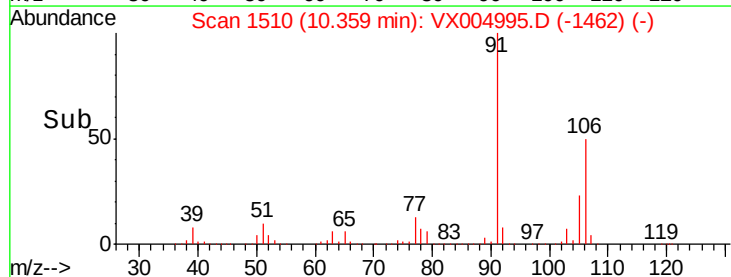
400000

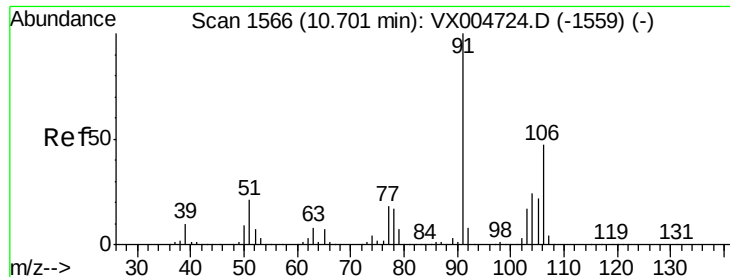
200000

0

10.30 10.40 10.50

Time-->

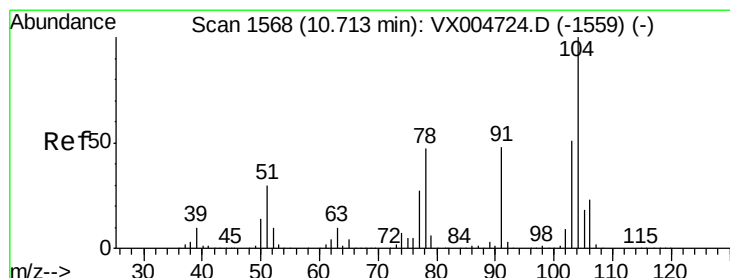
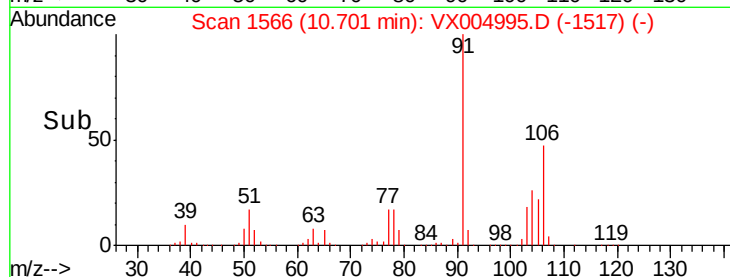
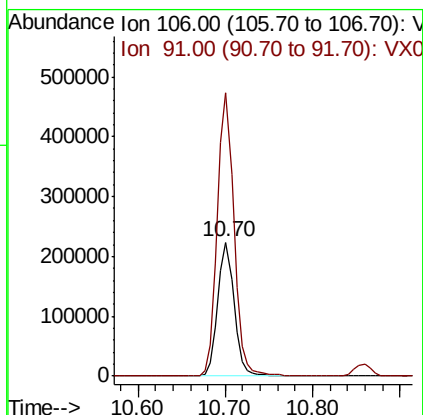
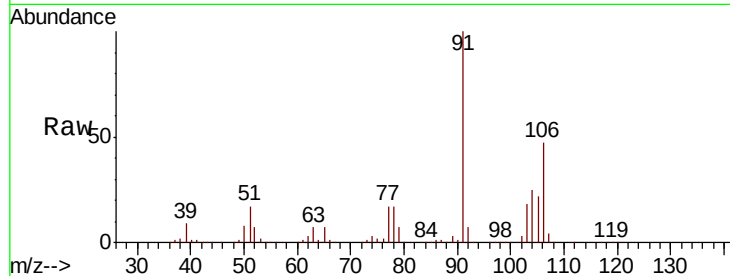




#69
o-Xylene
Concen: 54.727 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

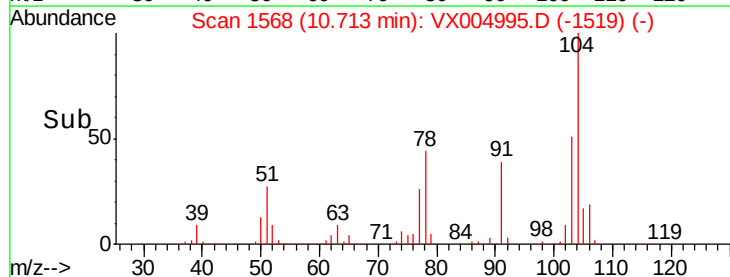
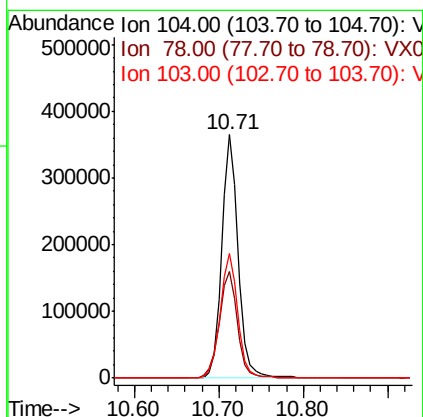
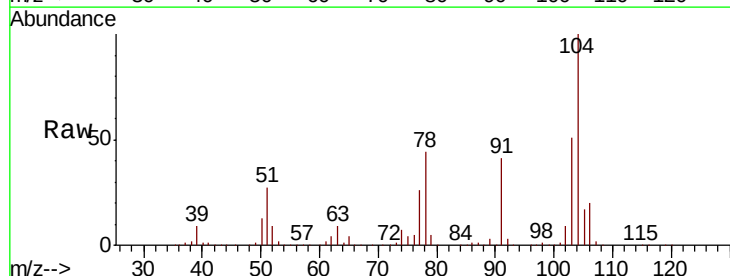
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

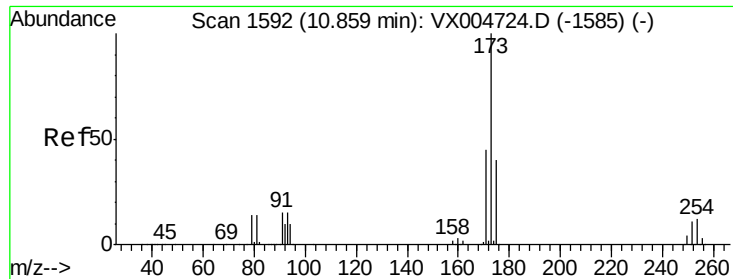
Tot Ion:106 Resp: 291738
Ion Ratio Lower Upper
106 100
91 213.6 108.3 324.8



#70
Styrene
Concen: 49.259 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:104 Resp: 490795
Ion Ratio Lower Upper
104 100
78 48.9 40.0 60.0
103 55.4 44.3 66.5

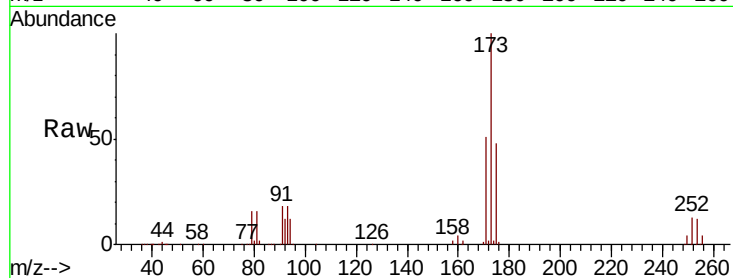




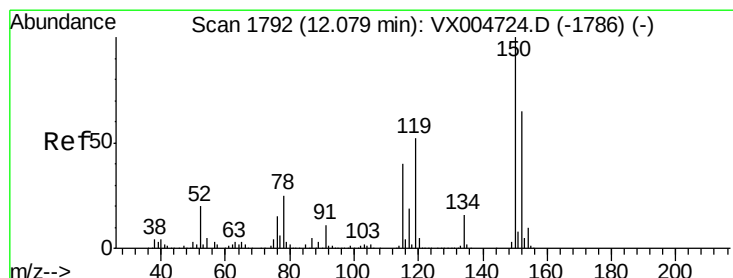
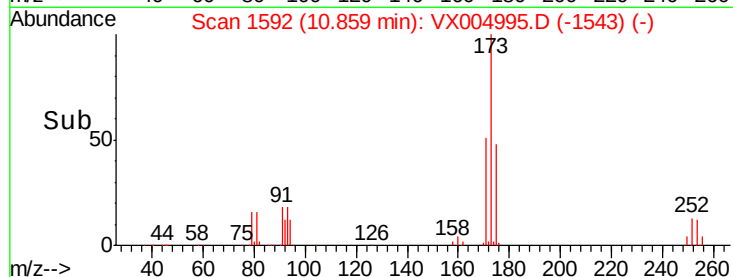
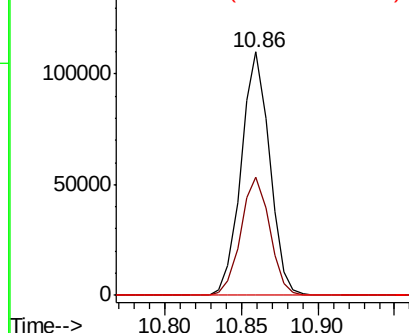
#71
Bromoform
Concen: 50.467 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 142096
Ion Ratio Lower Upper
173 100
175 49.3 23.3 69.8
254 0.2 0.2 0.2

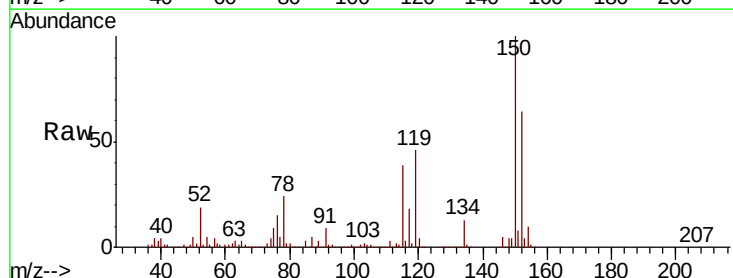


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

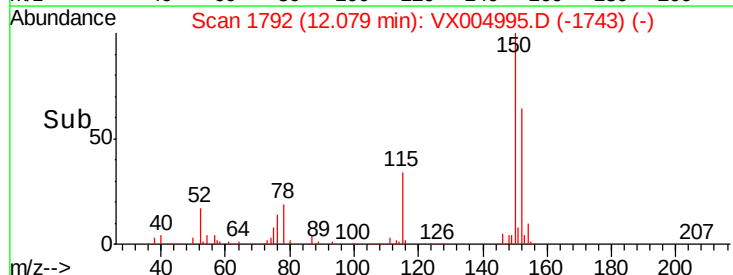
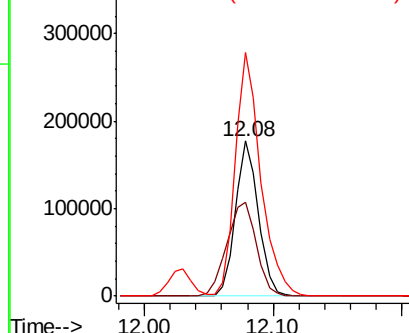


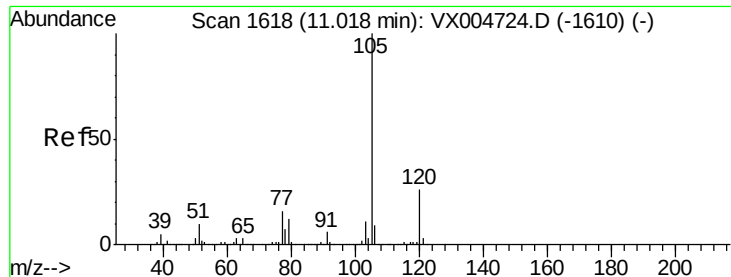
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:152 Resp: 220075
Ion Ratio Lower Upper
152 100
115 78.8 40.2 120.6
150 174.8 0.0 351.0



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: 55.559 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

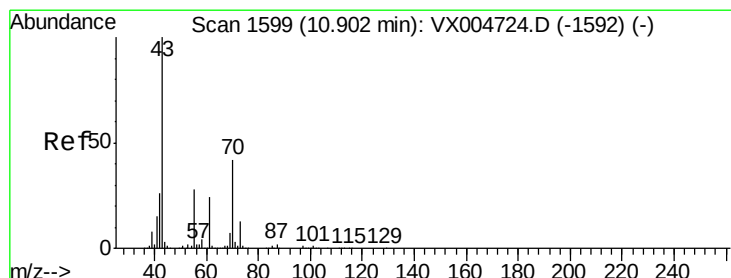
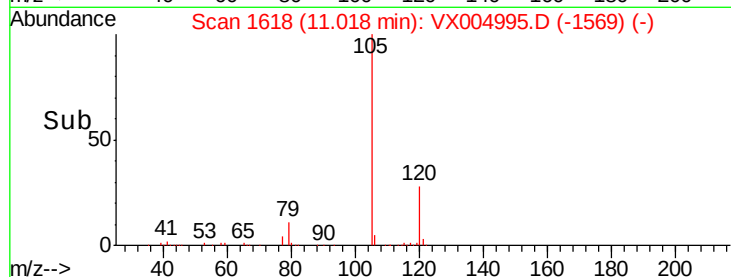
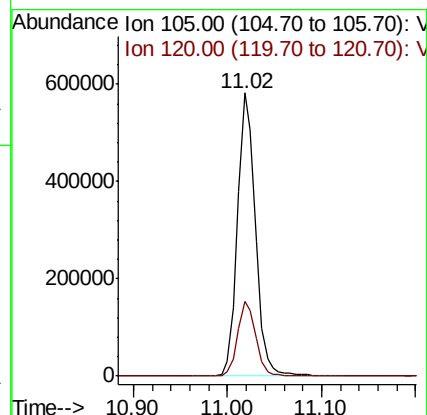
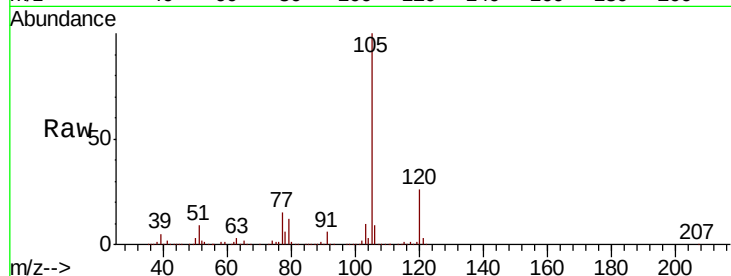
VSTDCCC050

Tot Ion:105 Resp: 770691

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 50.320 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Tgt Ion: 43 Resp: 383752

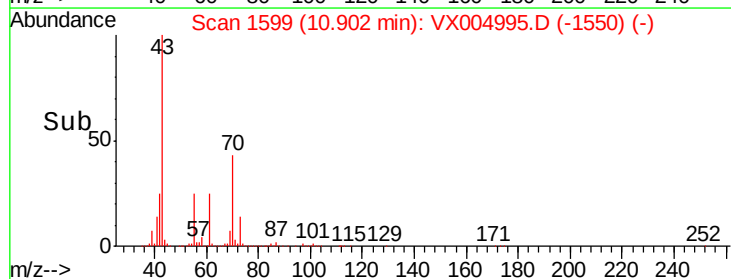
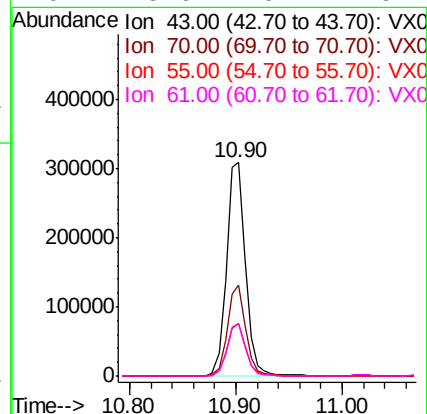
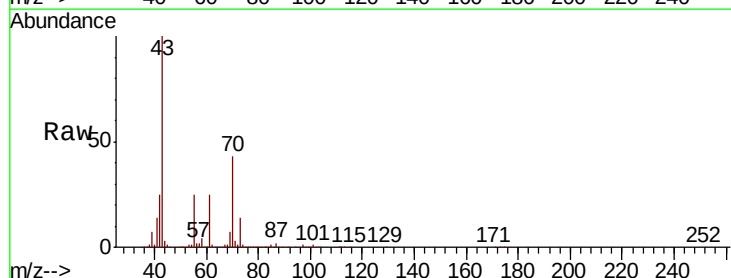
Ion Ratio Lower Upper

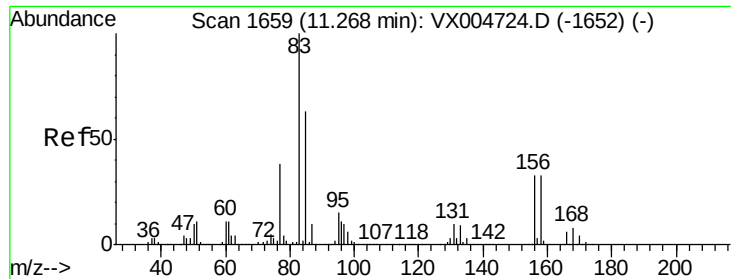
43 100

70 41.3 32.6 48.8

55 24.9 21.6 32.4

61 23.9 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 48.731 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

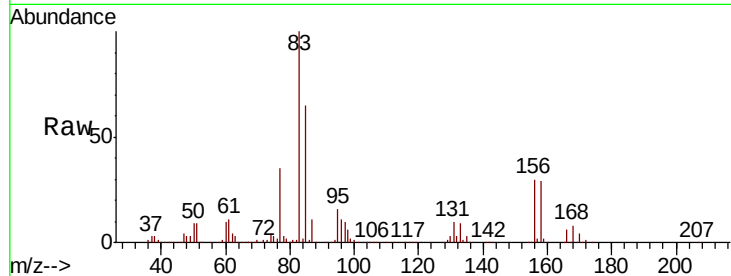
Tot Ion: 83 Resp: 275168

Ion Ratio Lower Upper

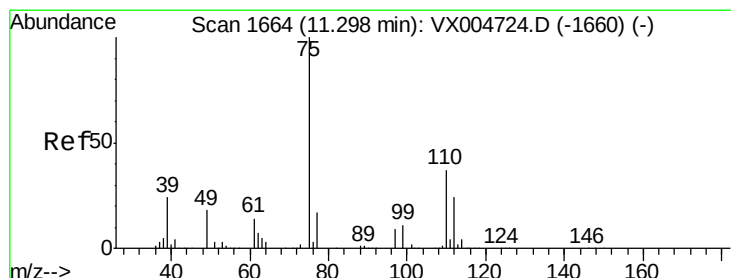
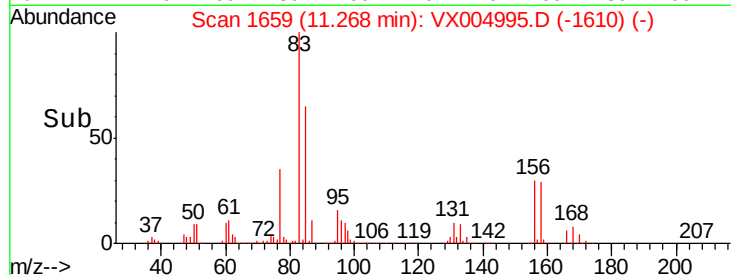
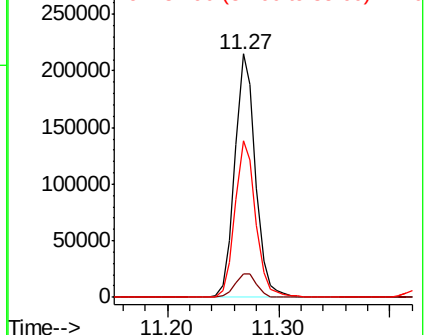
83 100

131 10.4 5.1 15.3

85 64.8 31.9 95.9



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: 64.513 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004995.D

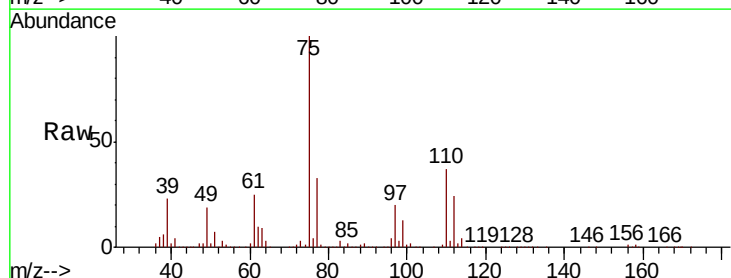
Acq: 04 Oct 2018 03:21

Tgt Ion: 75 Resp: 318223

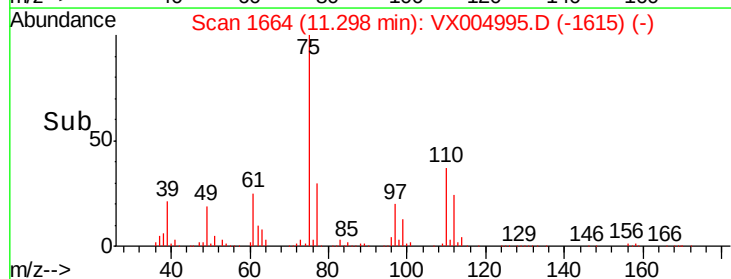
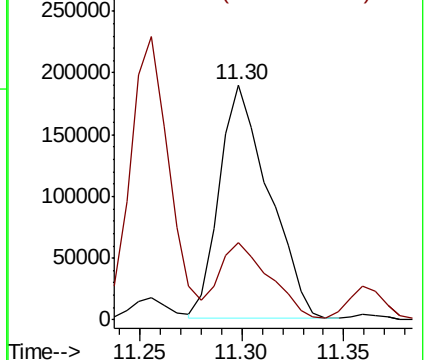
Ion Ratio Lower Upper

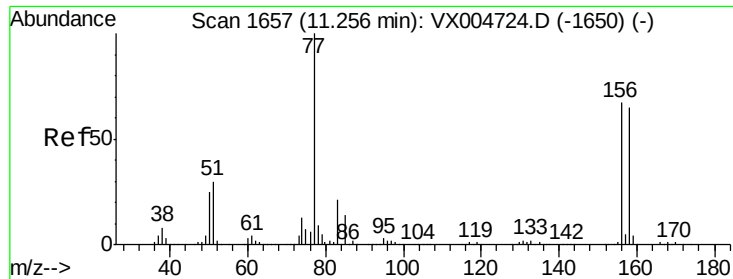
75 100

77 33.6 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.226 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

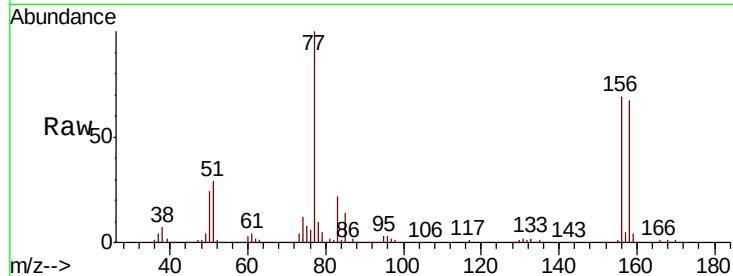
Tot Ion:156 Resp: 210426

Ion Ratio Lower Upper

156 100

77 144.2 73.4 220.2

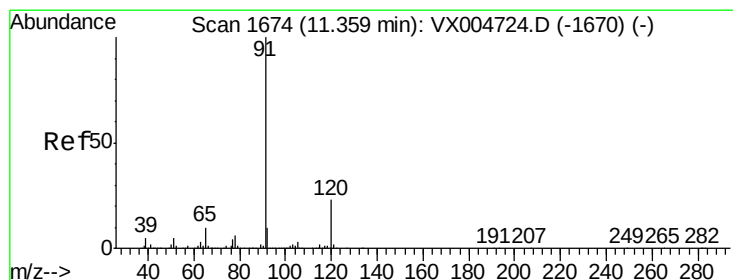
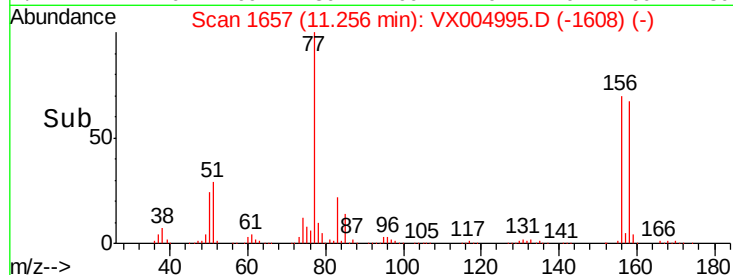
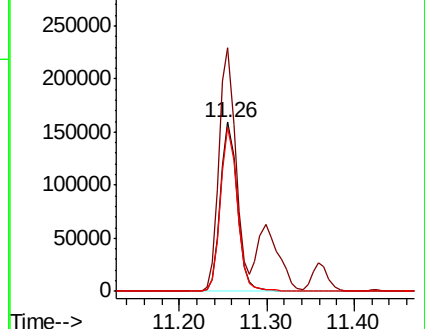
158 97.2 49.1 147.4



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: 55.220 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004995.D

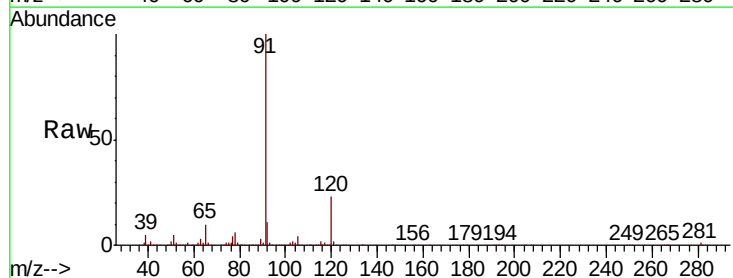
Acq: 04 Oct 2018 03:21

Tgt Ion: 91 Resp: 878888

Ion Ratio Lower Upper

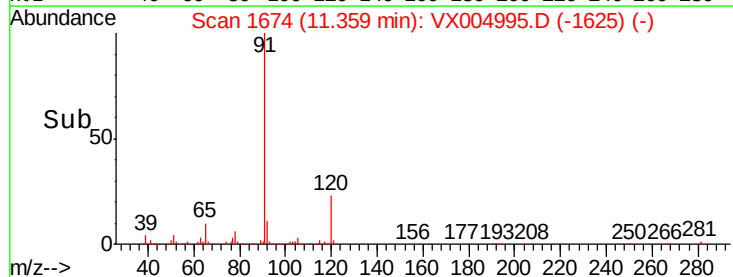
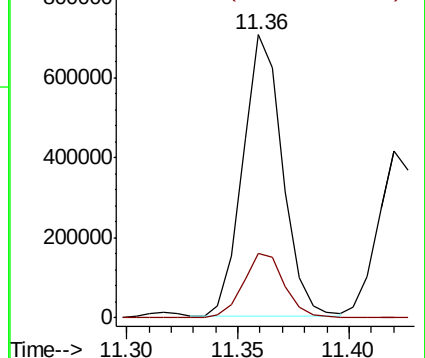
91 100

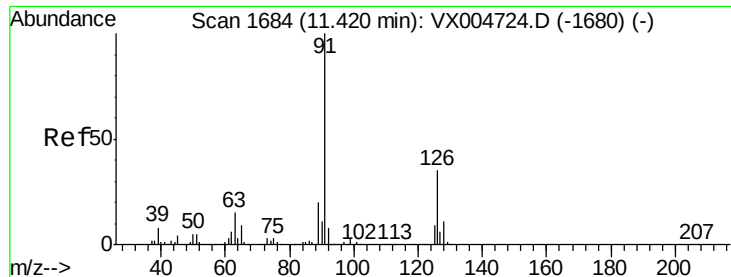
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.405 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

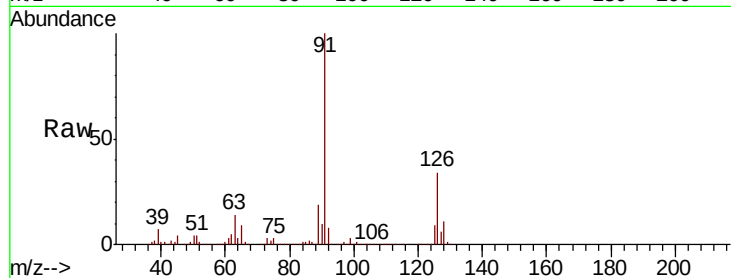
VSTDCCC050

Tot Ion: 91 Resp: 529820

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

800000

600000

400000

200000

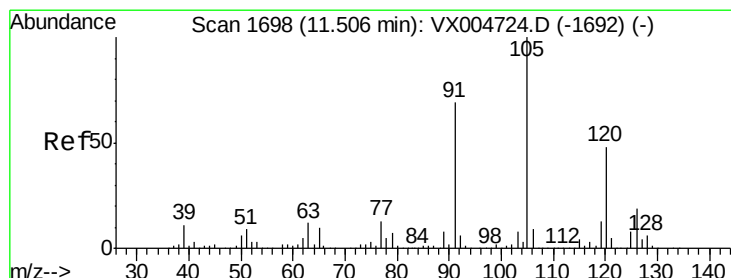
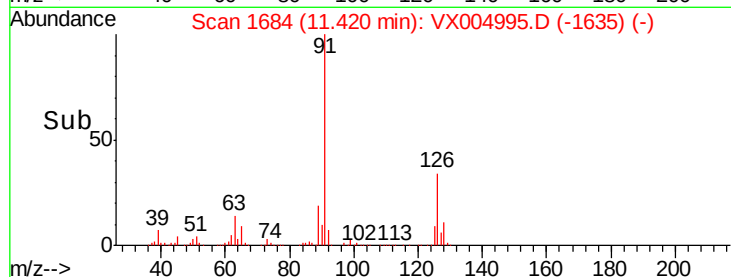
0

11.42

11.45

11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.356 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004995.D

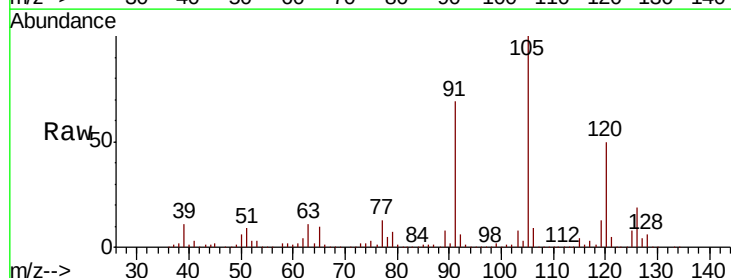
Acq: 04 Oct 2018 03:21

Tgt Ion:105 Resp: 652870

Ion Ratio Lower Upper

105 100

120 49.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

600000

500000

400000

300000

200000

100000

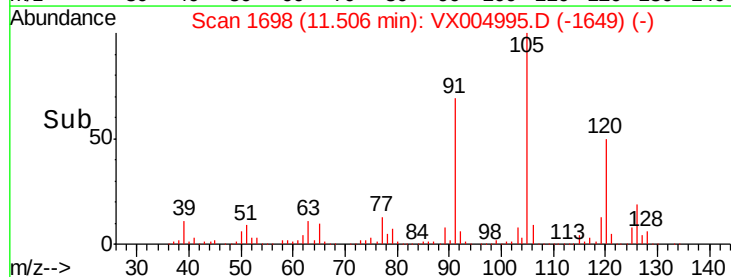
0

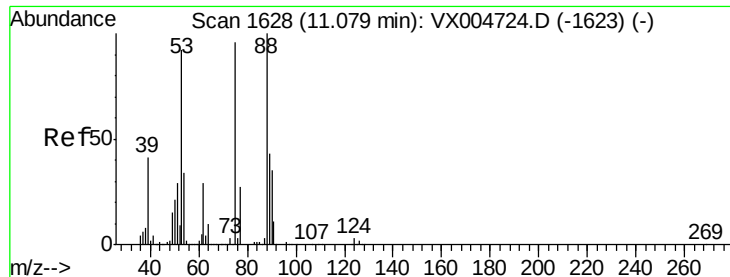
11.51

11.50

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 41.918 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

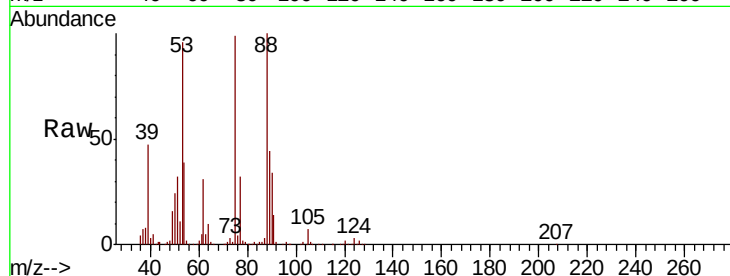
Tot Ion: 75 Resp: 75207

Ion Ratio Lower Upper

75 100

53 94.7 80.2 120.4

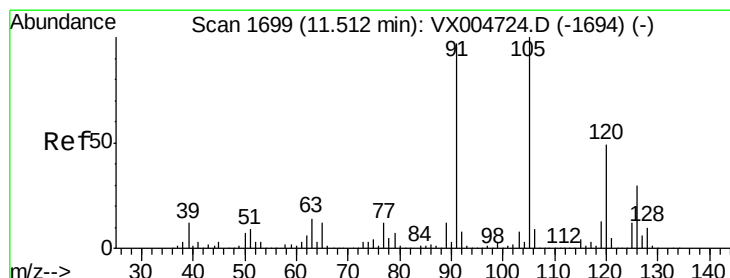
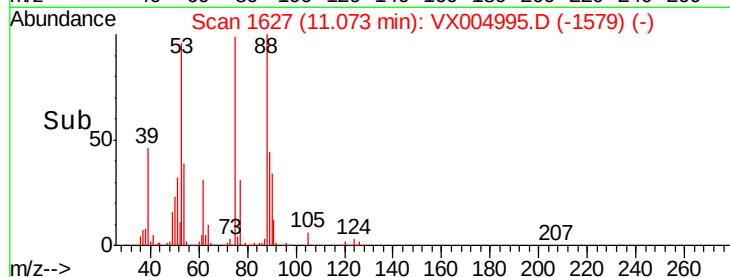
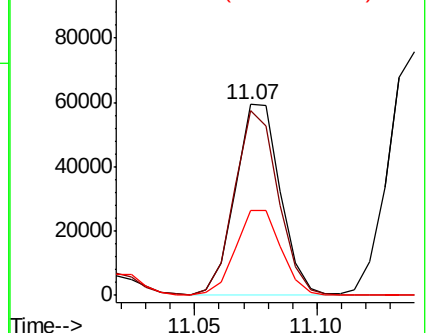
89 45.6 37.1 55.7



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: 53.339 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004995.D

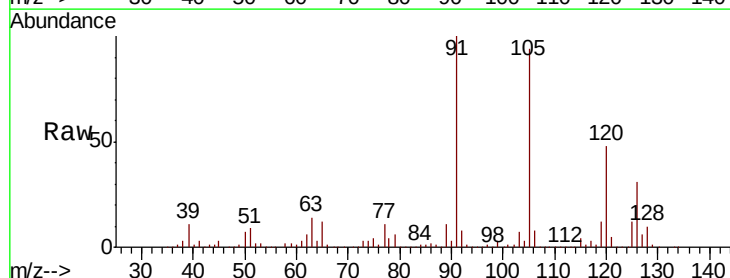
Acq: 04 Oct 2018 03:21

Tgt Ion: 91 Resp: 622847

Ion Ratio Lower Upper

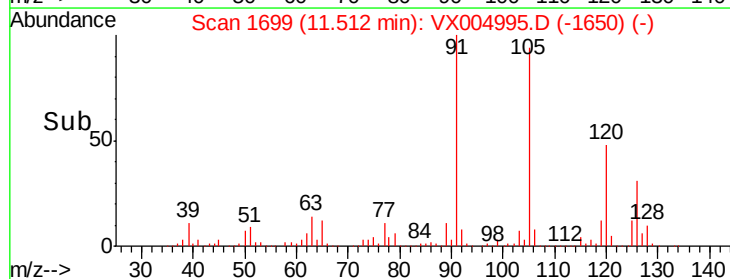
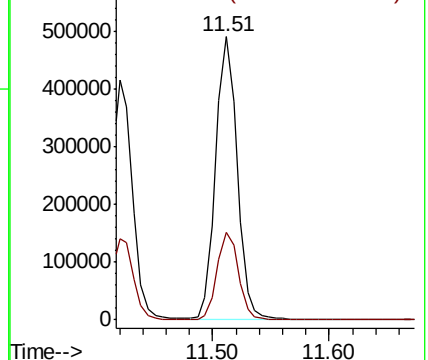
91 100

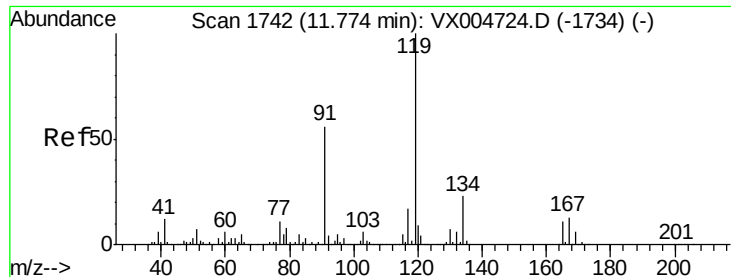
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

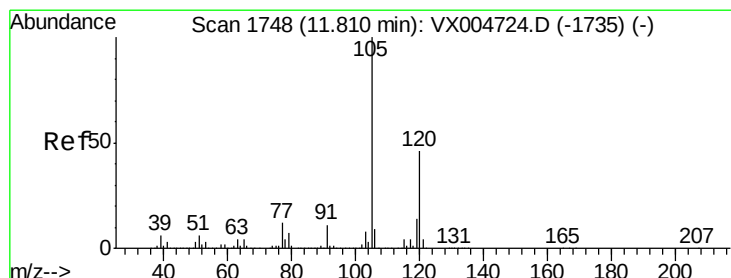
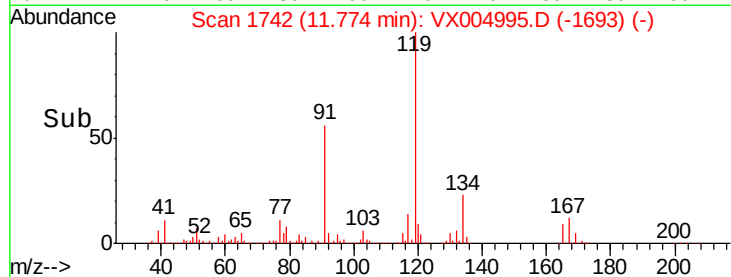
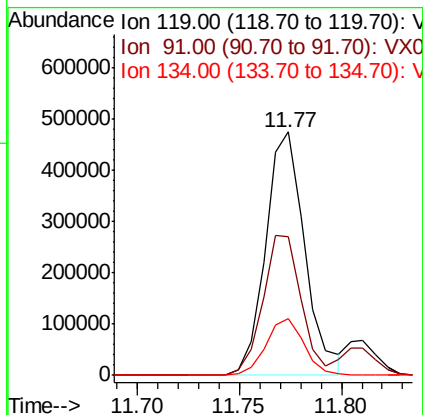
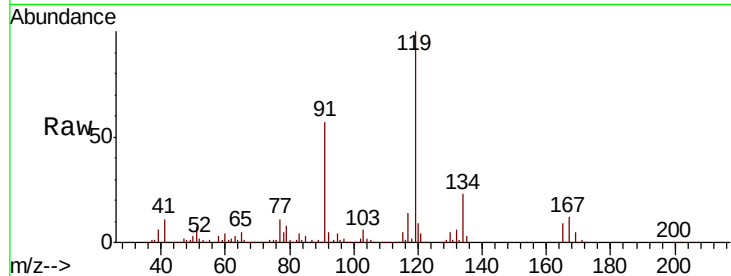




#83
 tert-Butylbenzene
 Concen: 55.579 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

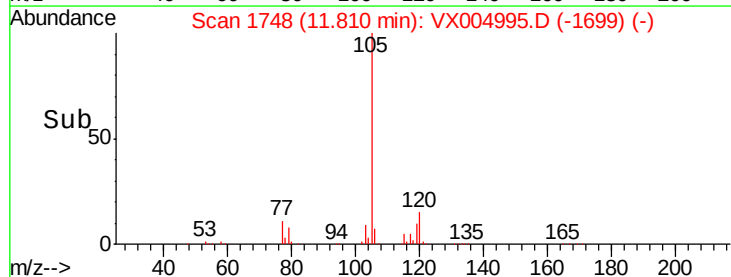
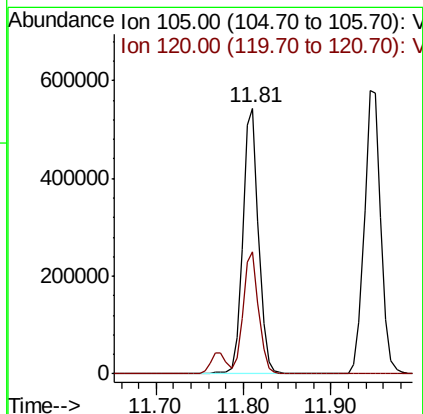
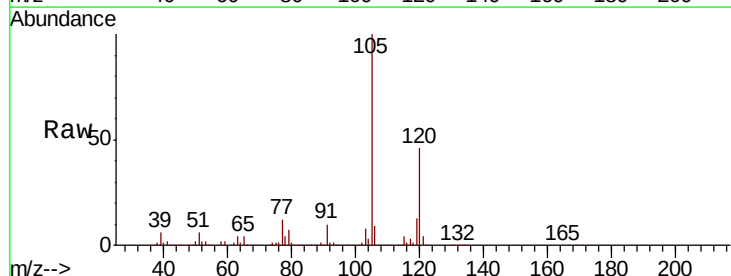
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

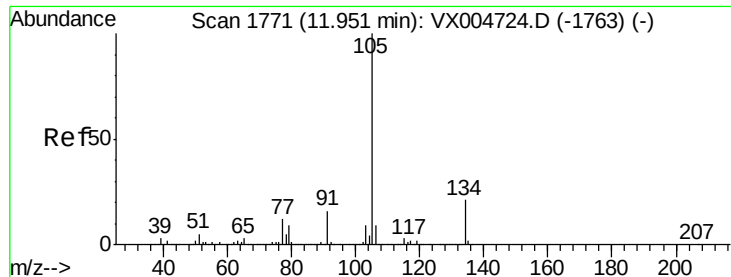
Tot Ion:119 Resp: 634763
 Ion Ratio Lower Upper
 119 100
 91 56.1 27.5 82.5
 134 22.6 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 51.816 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion:105 Resp: 679283
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 54.991 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

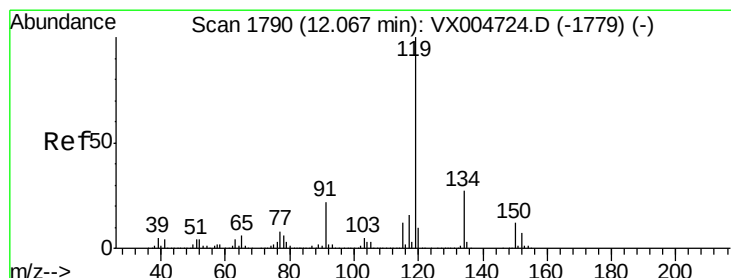
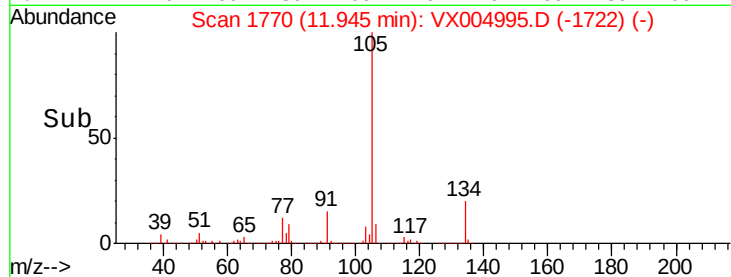
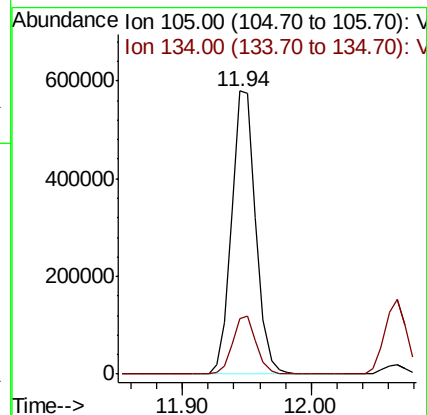
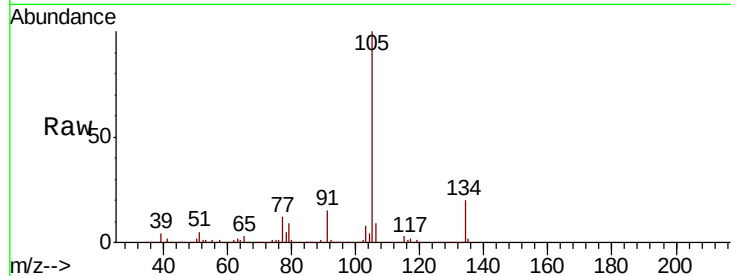
VSTDCCC050

Tot Ion:105 Resp: 764992

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



#86

p-Isopropyltoluene

Concen: 54.245 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

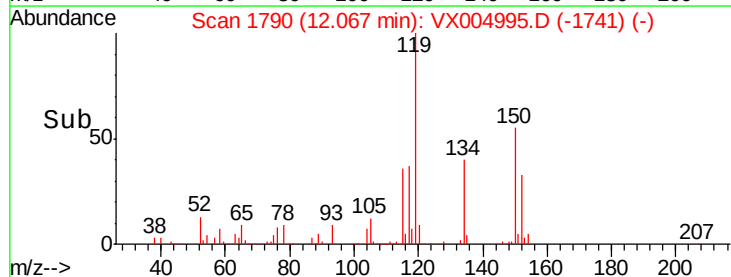
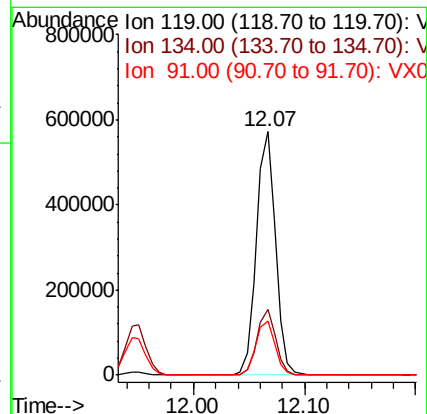
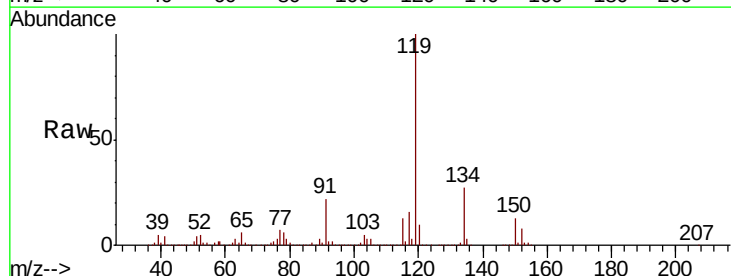
Tgt Ion:119 Resp: 683673

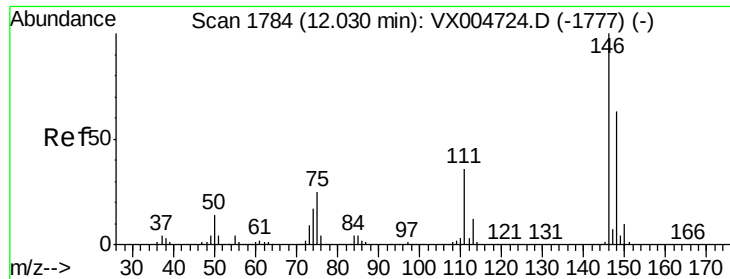
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 22.4 11.5 34.4

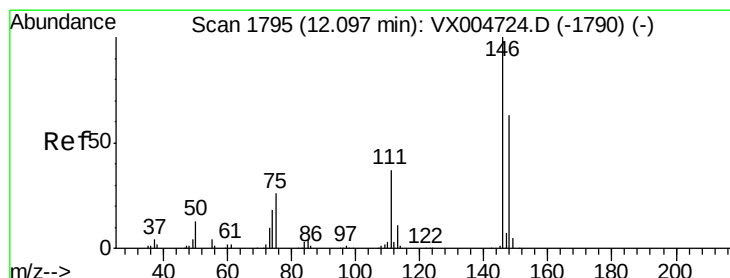
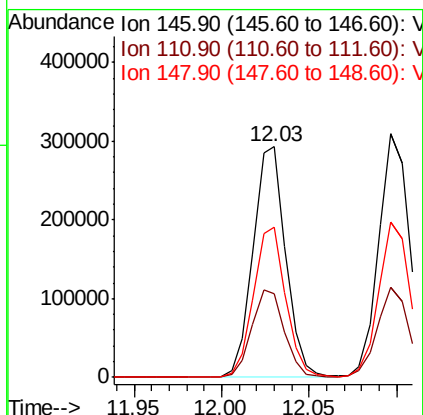
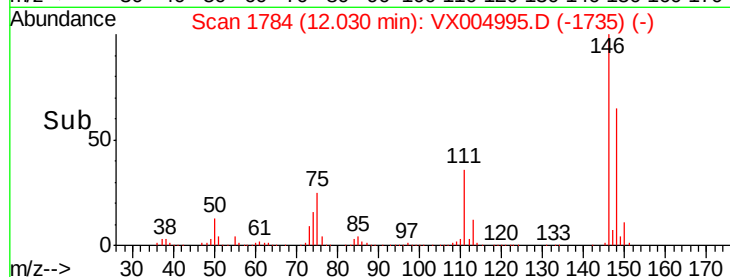
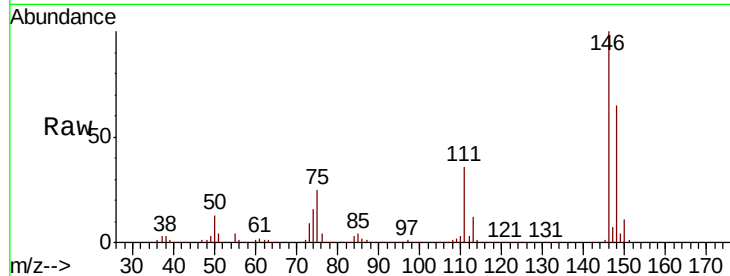




#87
 1,3-Dichlorobenzene
 Concen: 50.614 ug/l
 RT: 12.03 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

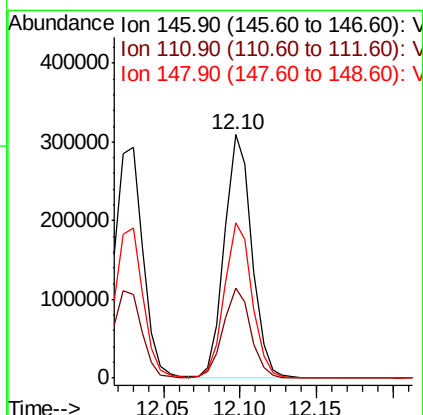
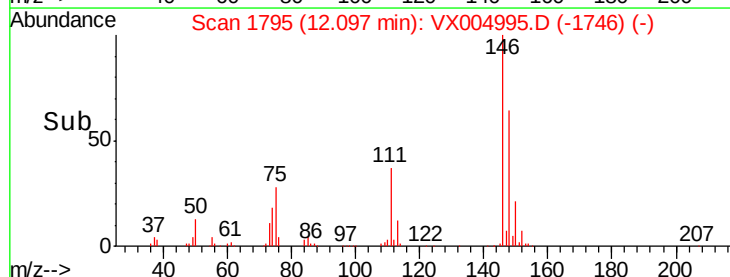
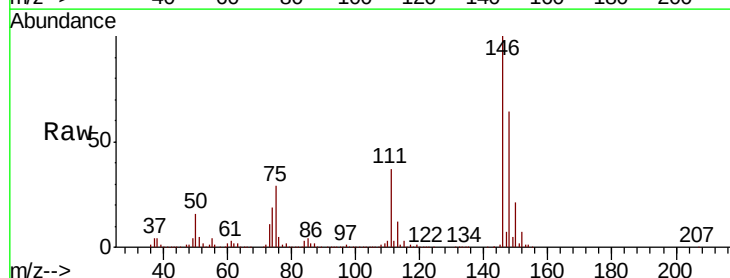
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

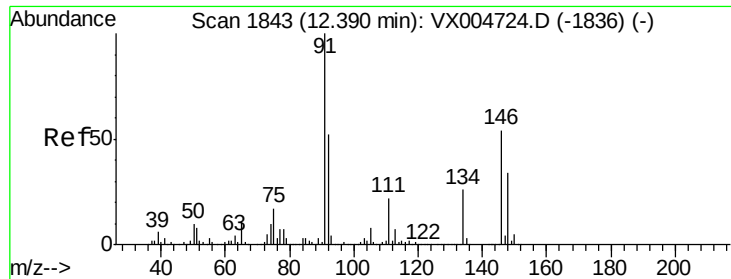
Tot Ion:146 Resp: 380796
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.9 56.9
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.490 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion:146 Resp: 384365
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.4 55.2
 148 64.4 32.0 96.0





#89

n-Butylbenzene

Concen: 52.101 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004995.D

Acq: 04 Oct 2018 03:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

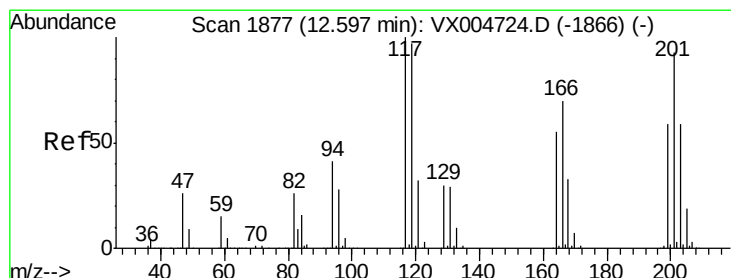
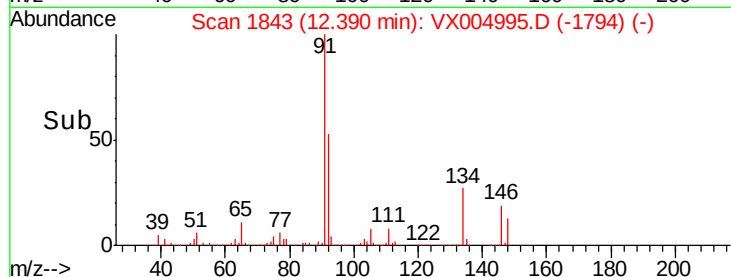
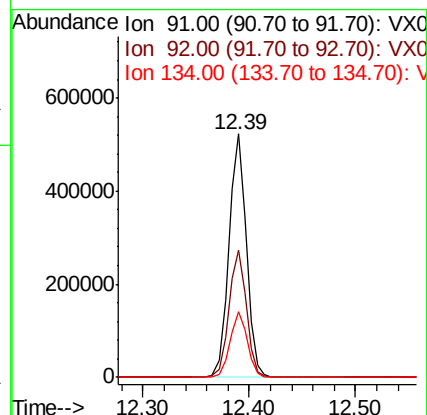
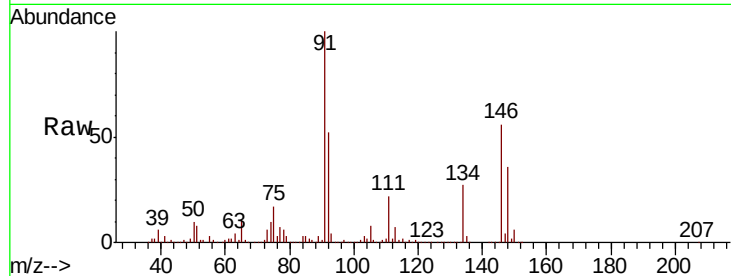
Tot Ion: 91 Resp: 596368

Ion Ratio Lower Upper

91 100

92 52.6 26.0 78.0

134 26.8 13.2 39.6



#90

Hexachloroethane

Concen: 49.567 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004995.D

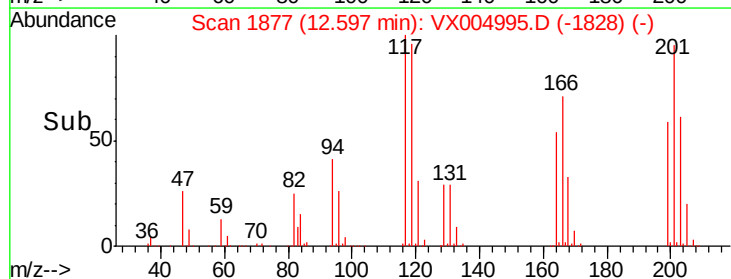
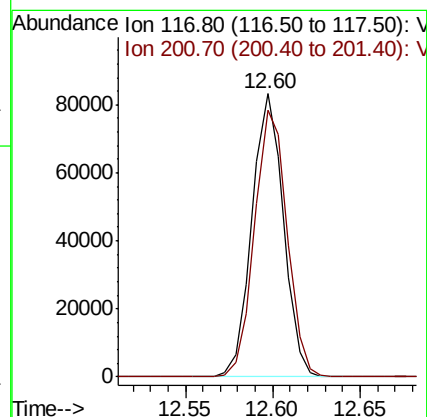
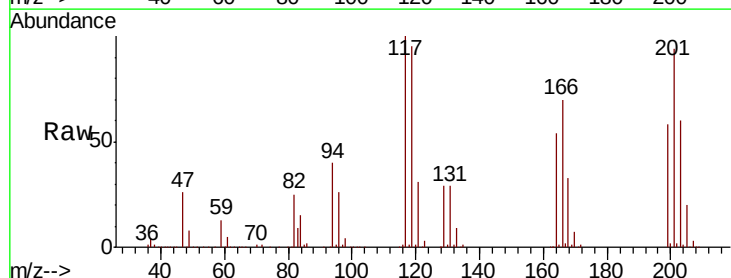
Acq: 04 Oct 2018 03:21

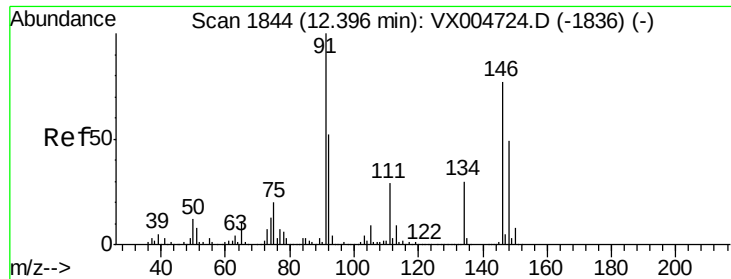
Tgt Ion: 117 Resp: 104015

Ion Ratio Lower Upper

117 100

201 97.6 48.4 145.0

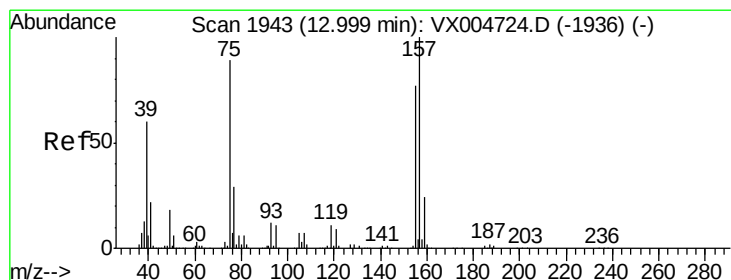
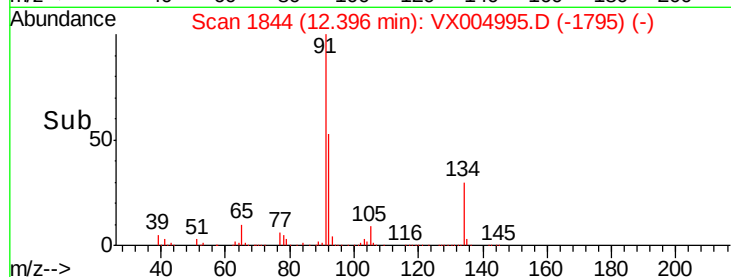
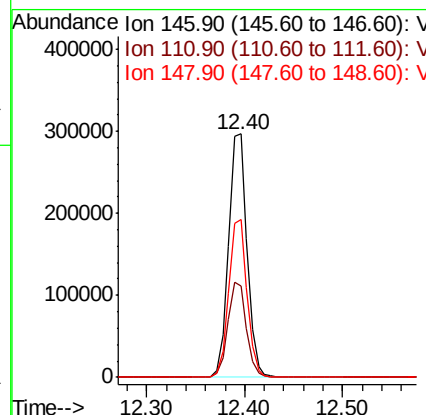
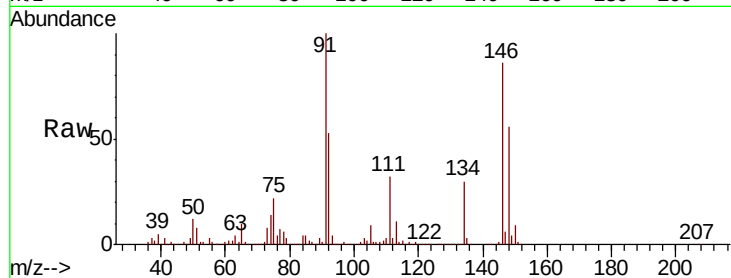




#91
 1,2-Dichlorobenzene
 Concen: 49.400 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

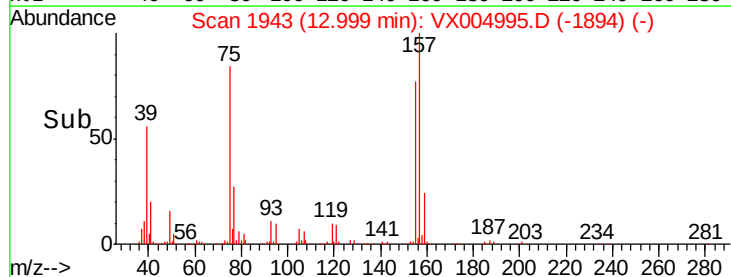
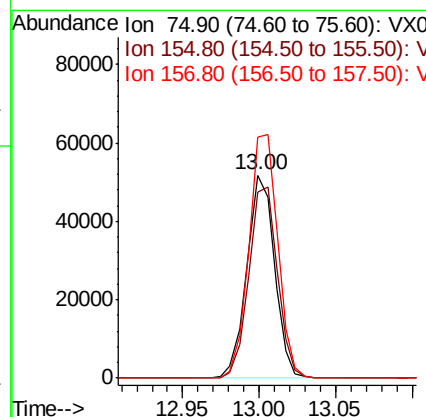
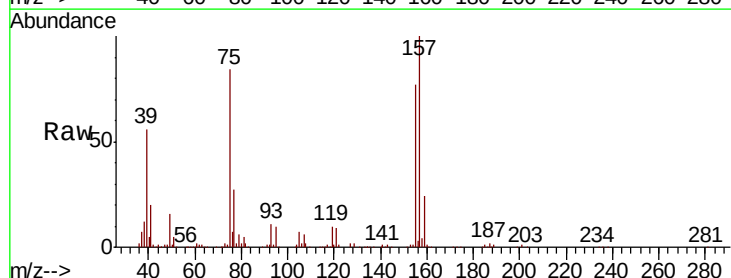
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

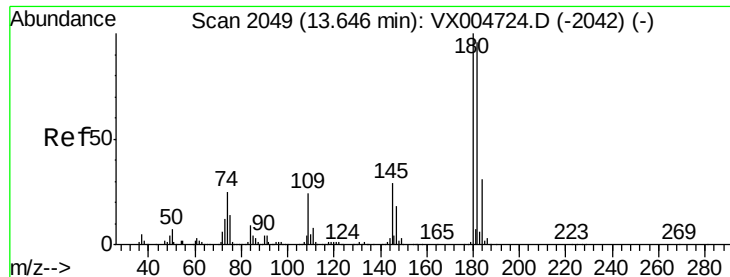
Tot Ion:146 Resp: 388403
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.6 58.7
 148 64.1 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.484 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion: 75 Resp: 65072
 Ion Ratio Lower Upper
 75 100
 155 97.4 46.1 138.3
 157 125.1 60.2 180.6

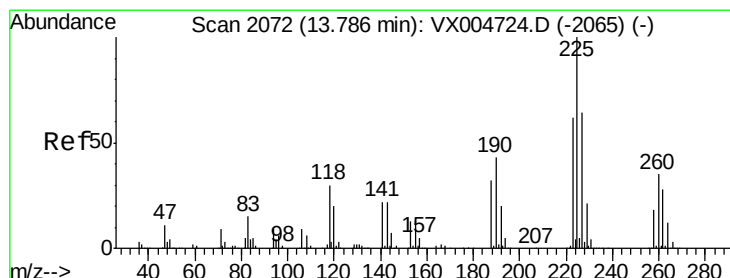
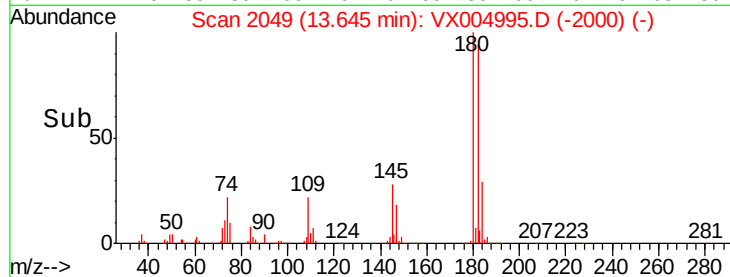
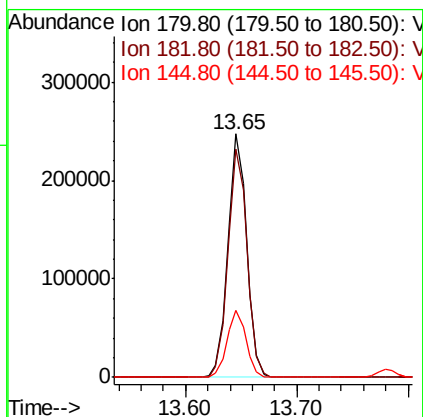
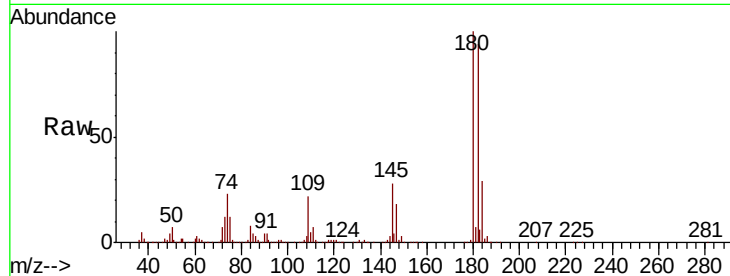




#93
 1,2,4-Trichlorobenzene
 Concen: 51.943 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

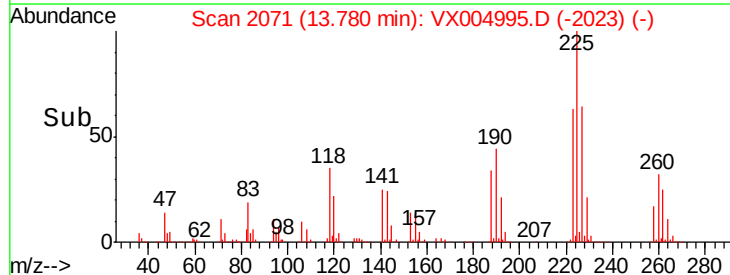
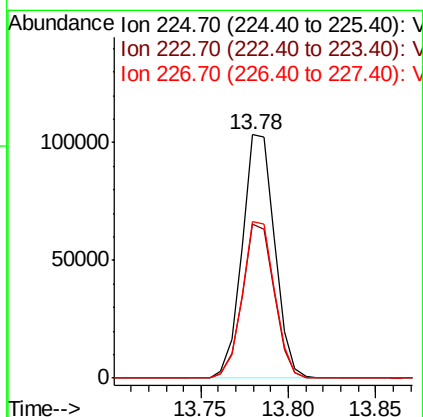
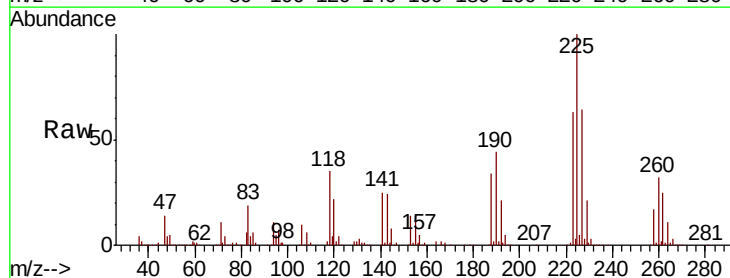
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

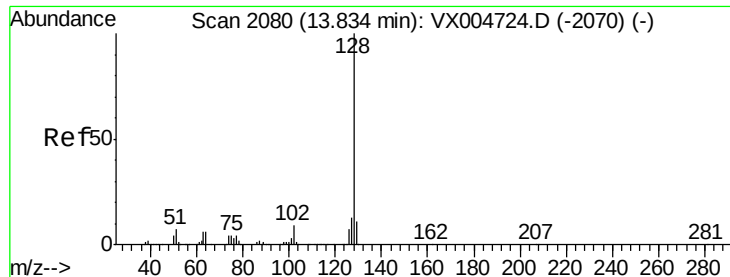
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.8	143.4
145	28.0	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 46.641 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004995.D
 Acq: 04 Oct 2018 03:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.8
227	63.8	31.9	95.5

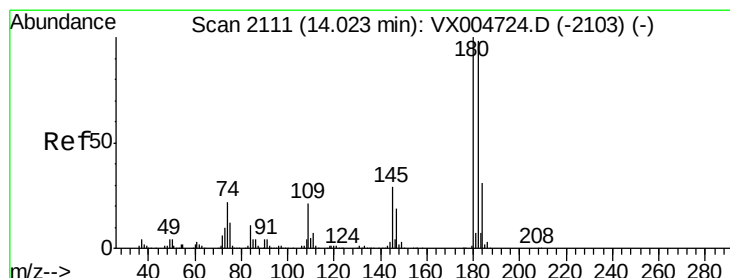
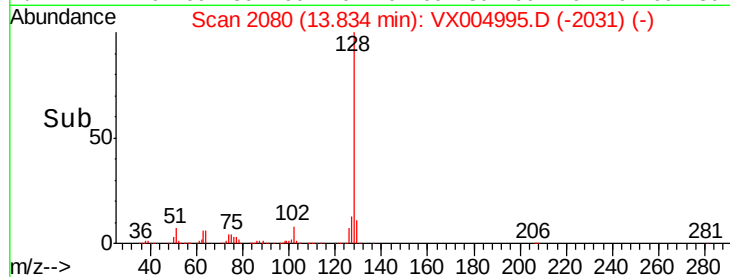
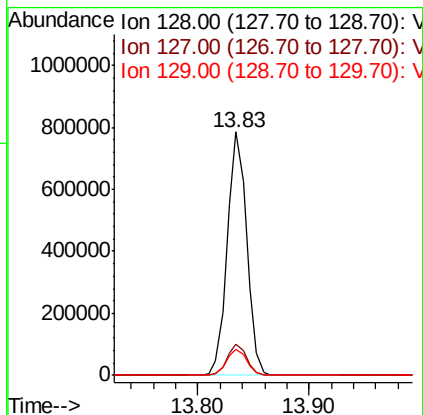
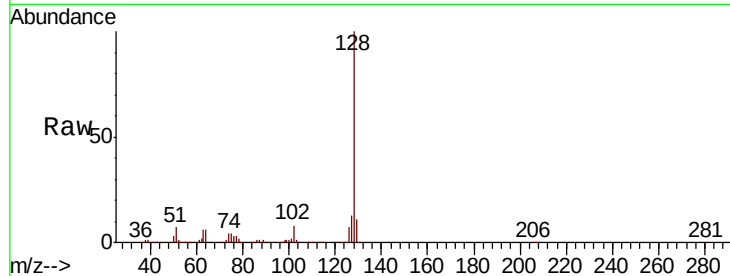




#95
Naphthalene
Concen: 51.718 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 947198
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.770 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX004995.D
Acq: 04 Oct 2018 03:21

Tgt Ion:180 Resp: 294954
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.8
145 29.8 15.0 45.0

