

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005180.D
 Acq On : 10 Oct 2018 00:44
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 05:57:47 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	197963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	290161	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175297	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	141698	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
35) Dibromofluoromethane	5.50	113	113183	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	8.72	98	416217	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	158480	53.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	175795	65.129	ug/l	89
3) Chloromethane	1.32	50	178990	54.658	ug/l	99
4) Vinyl Chloride	1.40	62	199204	64.858	ug/l	90
5) Bromomethane	1.64	94	103472	56.812	ug/l	96
6) Chloroethane	1.71	64	101076	60.893	ug/l	97
7) Trichlorofluoromethane	1.92	101	221631	58.288	ug/l	95
8) Diethyl Ether	2.19	74	86603	52.428	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120264	55.525	ug/l	99
10) Methyl Iodide	2.51	142	147140	50.767	ug/l	92
11) Tert butyl alcohol	3.08	59	218668	276.547	ug/l	99
12) 1,1-Dichloroethene	2.37	96	117283	54.677	ug/l	93
13) Acrolein	2.29	56	131680	234.062	ug/l	91
14) Allyl chloride	2.72	41	256315	54.766	ug/l	95
15) Acrylonitrile	3.15	53	477596	274.378	ug/l	96
16) Acetone	2.45	43	431047	261.085	ug/l	92
17) Carbon Disulfide	2.56	76	348263	54.032	ug/l	100
18) Methyl Acetate	2.78	43	242276	57.920	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	421598	56.982	ug/l	96
20) Methylene Chloride	2.85	84	134553	56.156	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	123740	52.698	ug/l	86
22) Diisopropyl ether	3.87	45	419801	53.267	ug/l	98
23) Vinyl Acetate	3.82	43	1888201	261.742	ug/l	99
24) 1,1-Dichloroethane	3.70	63	251345	53.465	ug/l	99
25) 2-Butanone	4.71	43	626133	257.287	ug/l	98
26) 2,2-Dichloropropane	4.59	77	131433	40.149	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	134971	51.454	ug/l	99
28) Bromochloromethane	5.02	49	102005	46.076	ug/l	98
29) Tetrahydrofuran	5.16	42	411768	272.231	ug/l	98
30) Chloroform	5.21	83	224277	50.478	ug/l	98
31) Cyclohexane	5.57	56	203214	56.478	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	195920	53.994	ug/l	95
36) 1,1-Dichloropropene	5.79	75	173514	51.715	ug/l	92
37) Ethyl Acetate	4.86	43	221705	49.780	ug/l	98
38) Carbon Tetrachloride	5.78	117	174871	49.582	ug/l	99

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Quant Time: Oct 10 05:57:47 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)
39) Methylcyclohexane	7.46	83	192638	56.228	ug/l #	85
40) Benzene	6.13	78	547847	52.156	ug/l	90
41) Methacrylonitrile	5.06	41	122533	49.610	ug/l	97
42) 1,2-Dichloroethane	6.20	62	182844	49.240	ug/l	97
43) Isopropyl Acetate	6.46	43	326206	50.746	ug/l	97
44) Trichloroethene	7.21	130	137150	53.113	ug/l	95
45) 1,2-Dichloropropane	7.52	63	135563	52.627	ug/l	98
46) Dibromomethane	7.66	93	87529	54.068	ug/l	100
47) Bromodichloromethane	7.90	83	169520	55.929	ug/l	99
48) Methyl methacrylate	7.78	41	173967	59.625	ug/l	99
49) 1,4-Dioxane	7.76	88	80548	1111.213	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1177712	290.972	ug/l	99
52) Toluene	8.79	92	318548	55.190	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	179664	52.455	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	196088	54.658	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	130369	51.565	ug/l	96
56) Ethyl methacrylate	9.18	69	207246	50.485	ug/l	98
57) 1,3-Dichloropropane	9.37	76	219163	52.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	522584	240.464	ug/l	99
59) 2-Hexanone	9.50	43	941997	279.287	ug/l	95
60) Dibromochloromethane	9.59	129	138406	54.740	ug/l	98
61) 1,2-Dibromoethane	9.68	107	138326	51.087	ug/l	95
64) Tetrachloroethene	9.34	164	140417	51.609	ug/l	96
65) Chlorobenzene	10.14	112	354641	50.028	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	131013	52.571	ug/l	99
67) Ethyl Benzene	10.26	91	609938	54.196	ug/l	96
68) m/p-Xylenes	10.36	106	475453	108.109	ug/l	95
69) o-Xylene	10.70	106	228217	56.497	ug/l	99
70) Styrene	10.71	104	388170	51.320	ug/l	100
71) Bromoform	10.86	173	114439	53.637	ug/l #	97
73) Isopropylbenzene	11.02	105	619754	56.090	ug/l	100
74) N-amyl acetate	10.90	43	298648	49.204	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	217922	48.451	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	248720	63.303	ug/l	84
77) Bromobenzene	11.26	156	165567	51.589	ug/l	100
78) n-propylbenzene	11.36	91	717820	56.621	ug/l	99
79) 2-Chlorotoluene	11.42	91	425985	53.907	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	531119	52.456	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57476	40.299	ug/l	97
82) 4-Chlorotoluene	11.51	91	503578	54.141	ug/l	99
83) tert-Butylbenzene	11.77	119	525219	57.734	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	546264	52.315	ug/l	99
85) sec-Butylbenzene	11.94	105	631885	57.026	ug/l	100
86) p-Isopropyltoluene	12.07	119	569952	56.773	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	307439	51.302	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	310442	50.182	ug/l	100
89) n-Butylbenzene	12.39	91	498021	54.623	ug/l	99
90) Hexachloroethane	12.60	117	90653	54.235	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	312577	49.911	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54766	55.455	ug/l	98

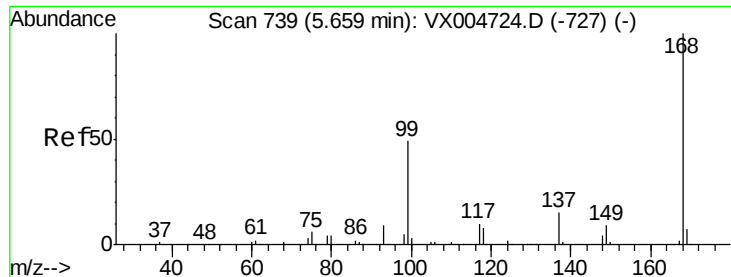
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	234469	53.371	ug/l	100
94) Hexachlorobutadiene	13.79	225	113991	50.038	ug/l	99
95) Naphthalene	13.83	128	746608	51.186	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	244282	53.828	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: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

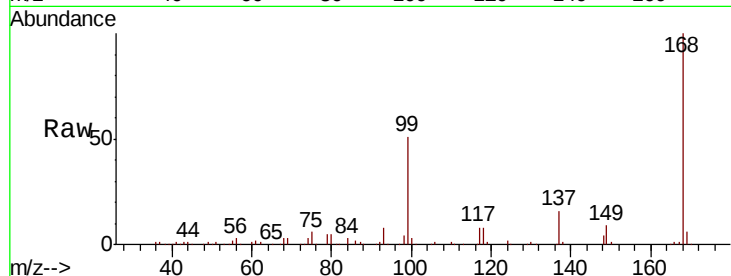
VSTDCCC050EC

Tot Ion:168 Resp: 197963

Ion Ratio Lower Upper

168 100

99 51.2 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

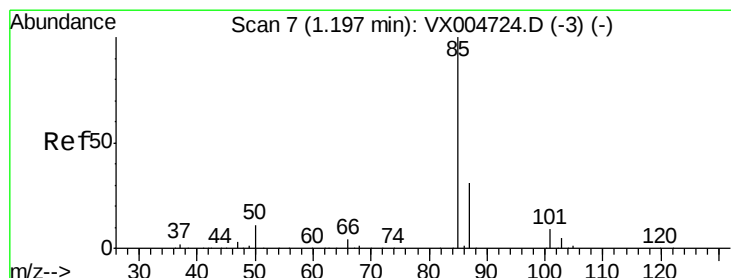
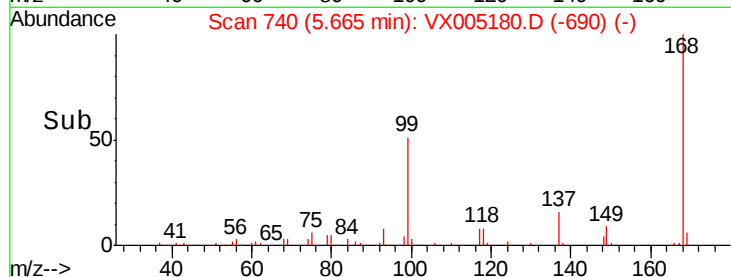
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 65.129 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005180.D

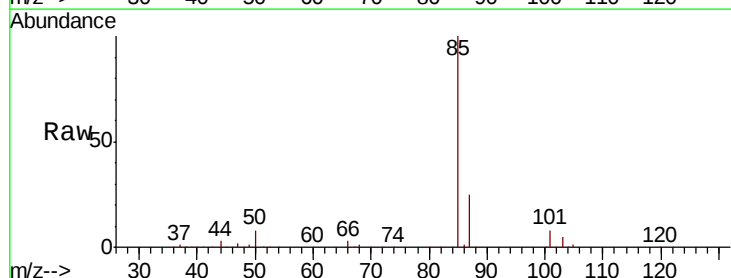
Acq: 10 Oct 2018 00:44

Tgt Ion: 85 Resp: 175795

Ion Ratio Lower Upper

85 100

87 25.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

150000

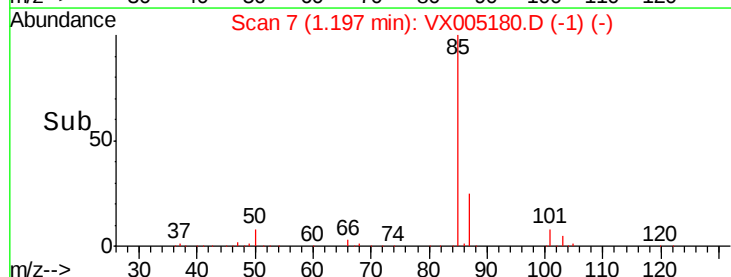
100000

50000

0

Time-->

1.10 1.20 1.30





#3

Chloromethane

Concen: 54.658 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

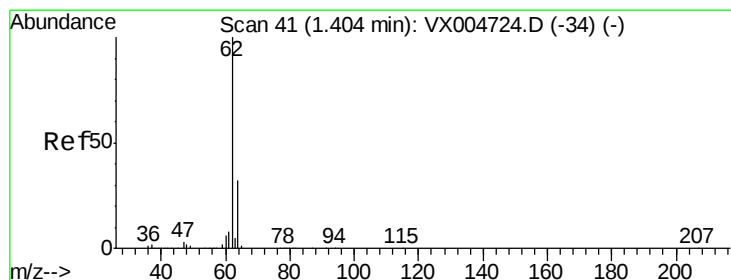
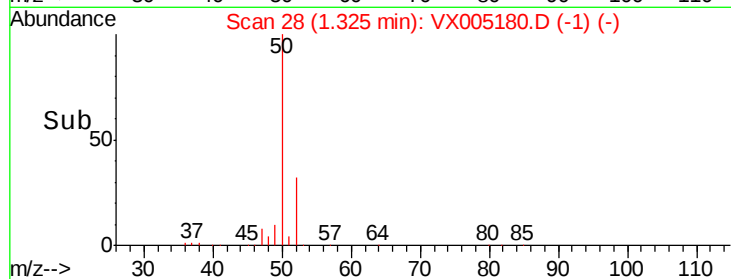
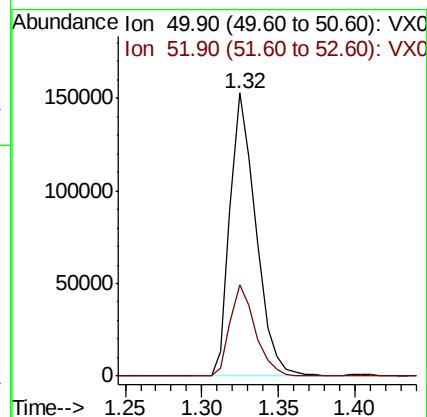
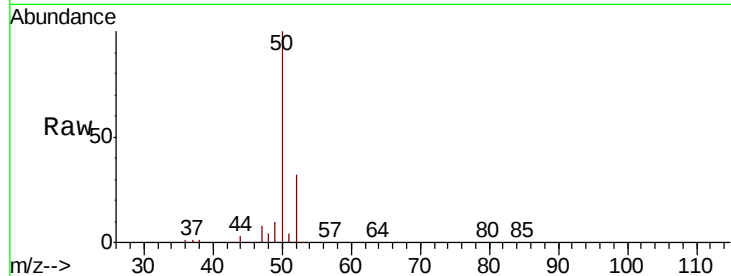
VSTDCCC050EC

Tot Ion: 50 Resp: 178990

Ion Ratio Lower Upper

50 100

52 32.5 25.8 38.6



#4

Vinyl Chloride

Concen: 64.858 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005180.D

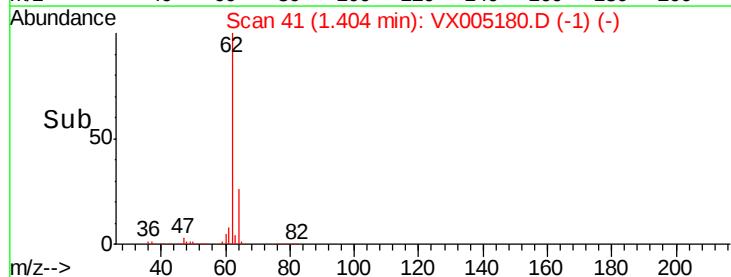
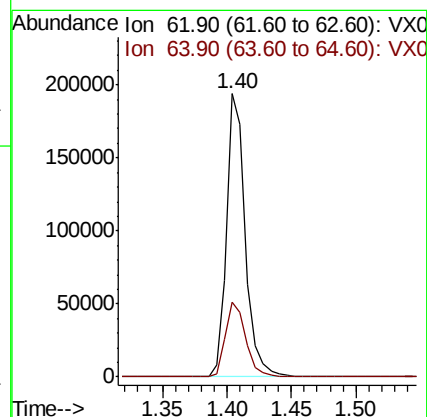
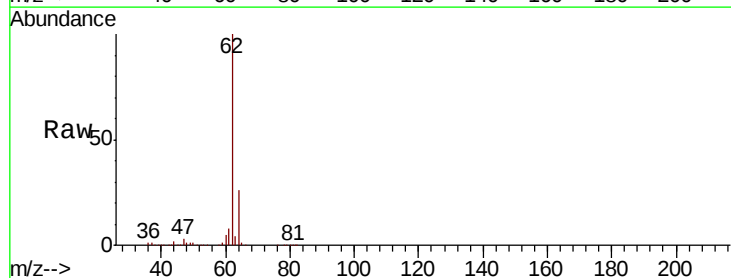
Acq: 10 Oct 2018 00:44

Tgt Ion: 62 Resp: 199204

Ion Ratio Lower Upper

62 100

64 26.4 25.5 38.3





#5

Bromomethane

Concen: 56.812 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

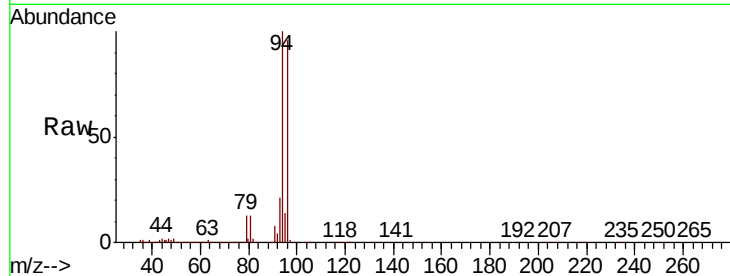
VSTDCCC050EC

Tot Ion: 94 Resp: 103472

Ion Ratio Lower Upper

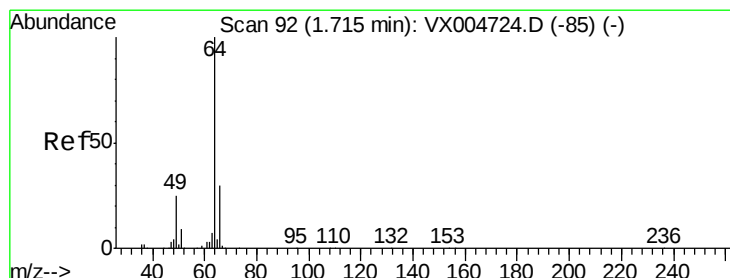
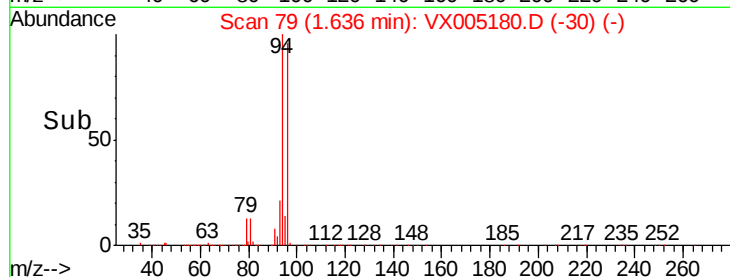
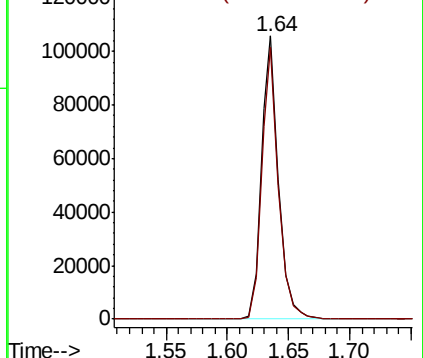
94 100

96 95.9 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 60.893 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005180.D

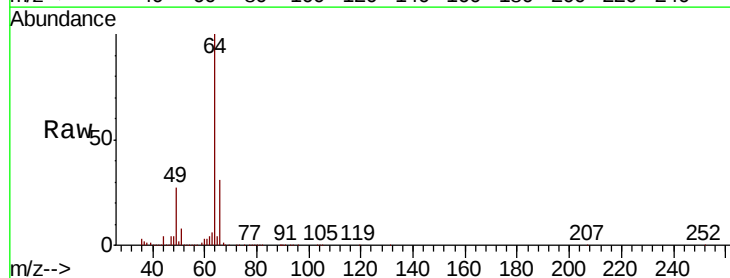
Acq: 10 Oct 2018 00:44

Tgt Ion: 64 Resp: 101076

Ion Ratio Lower Upper

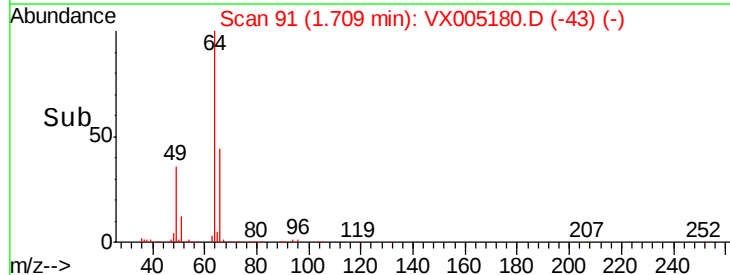
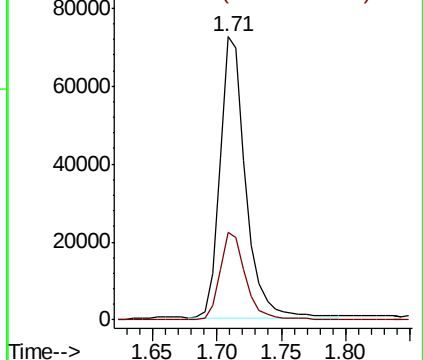
64 100

66 31.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



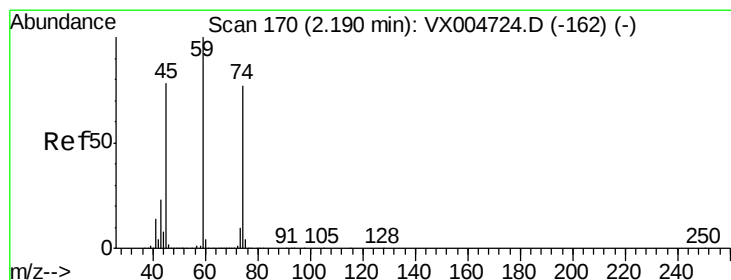
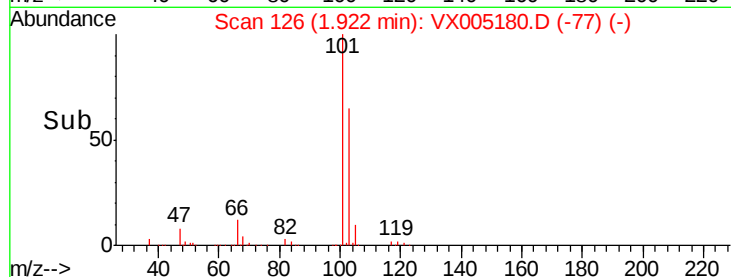
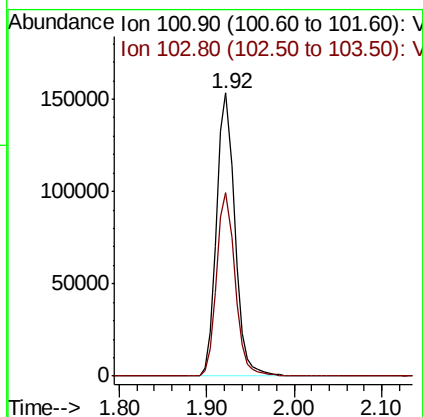
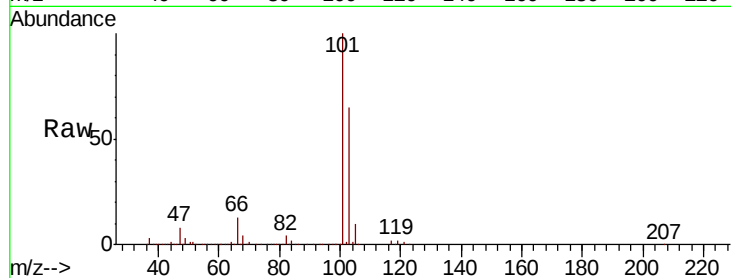


#7

Trichlorofluoromethane
Concen: 58.288 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

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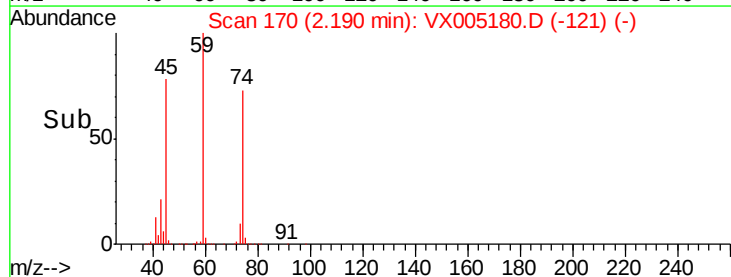
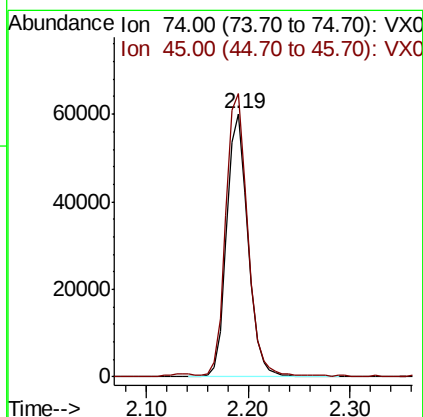
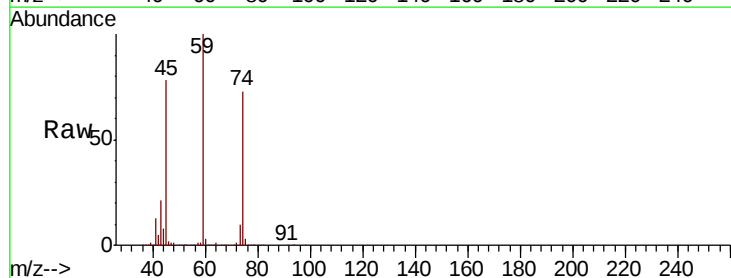
Tot Ion:101 Resp: 221631
Ion Ratio Lower Upper
101 100
103 64.7 48.4 72.6

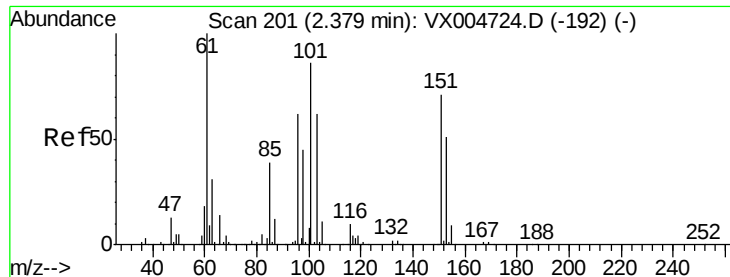


#8

Diethyl Ether
Concen: 52.428 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 74 Resp: 86603
Ion Ratio Lower Upper
74 100
45 110.1 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.525 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

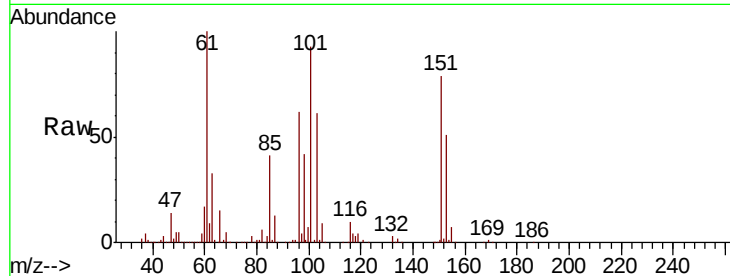
Tot Ion:101 Resp: 120264

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

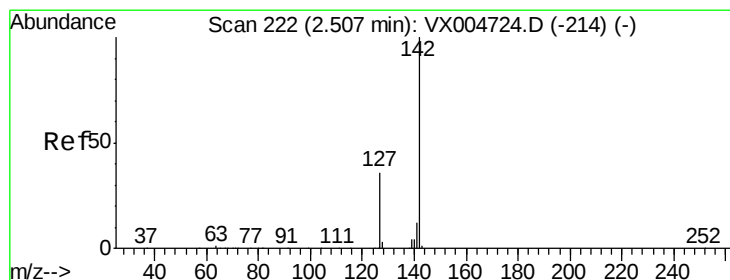
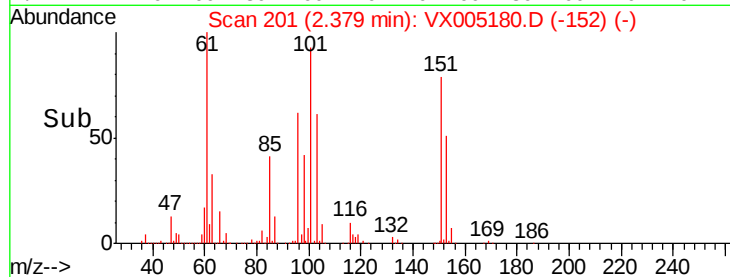
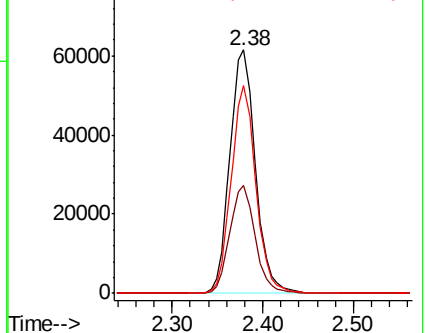
151 82.4 66.6 100.0



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: 50.767 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

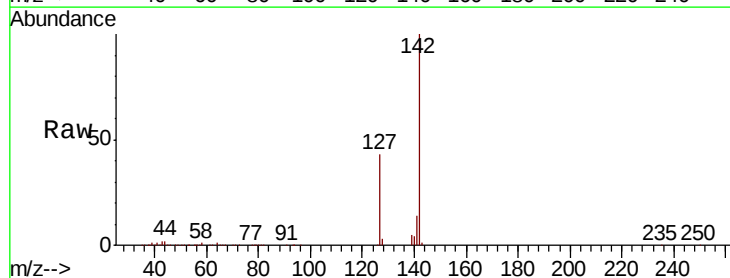
Tgt Ion:142 Resp: 147140

Ion Ratio Lower Upper

142 100

127 43.3 30.1 45.1

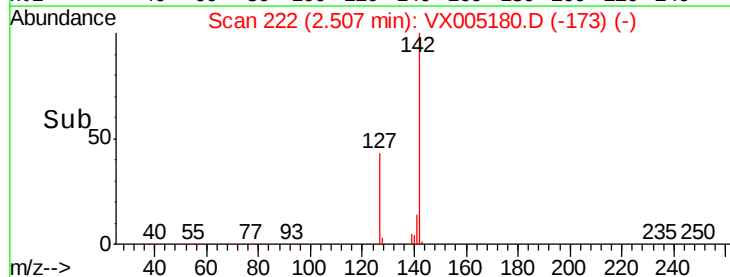
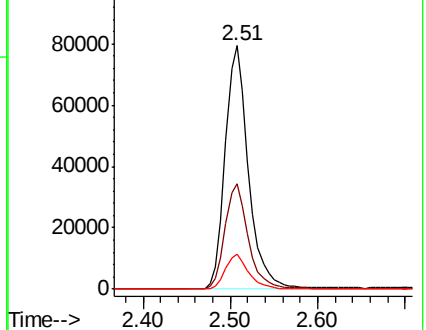
141 14.4 10.1 15.1

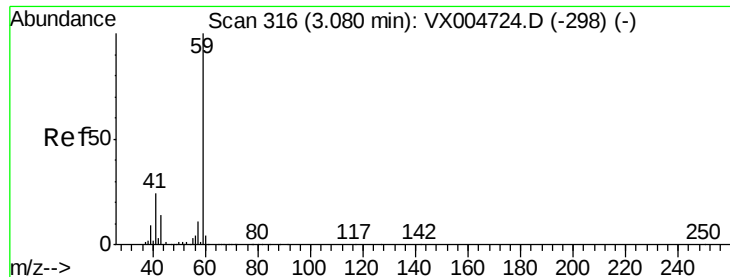


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

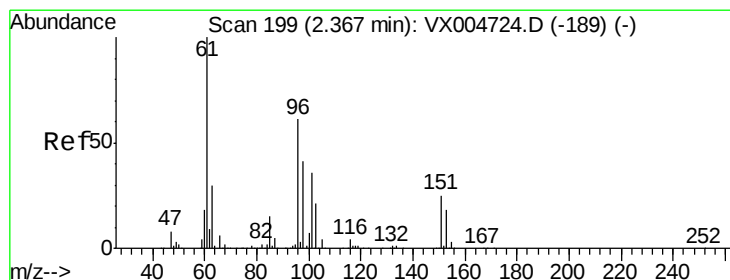
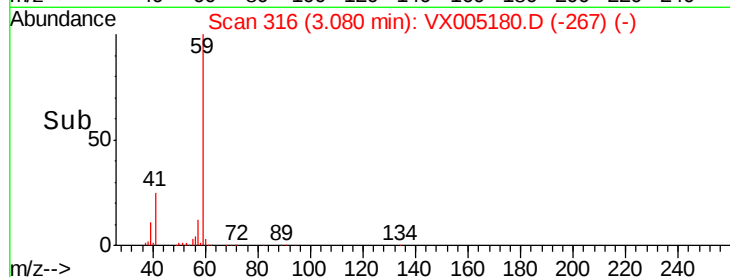
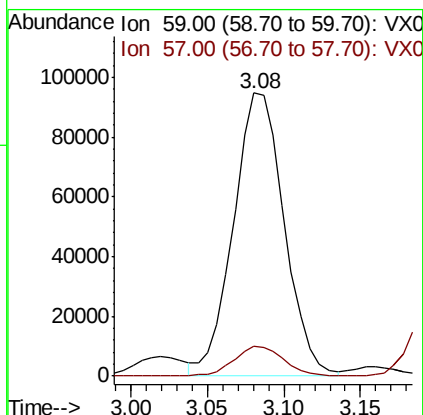
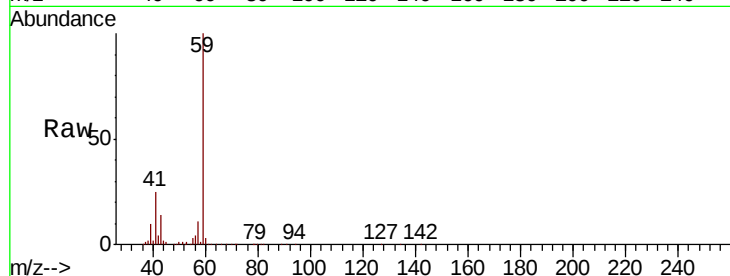




#11
Tert butyl alcohol
Concen: 276.547 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

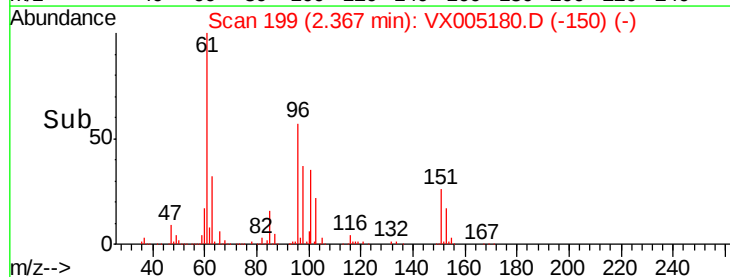
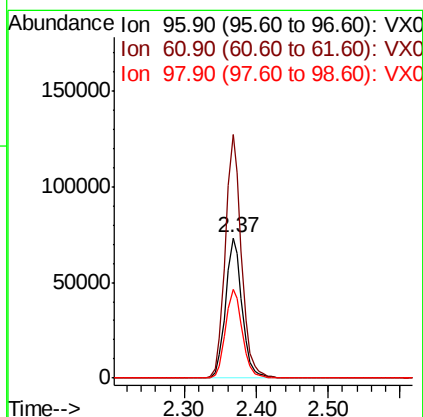
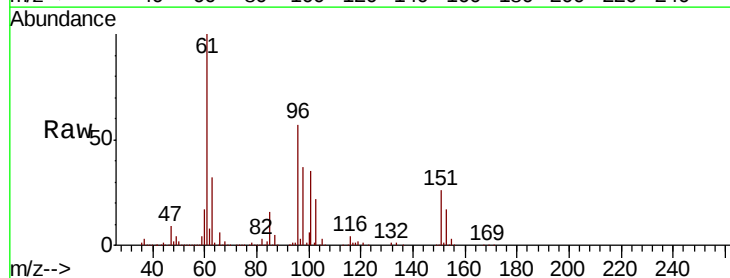
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

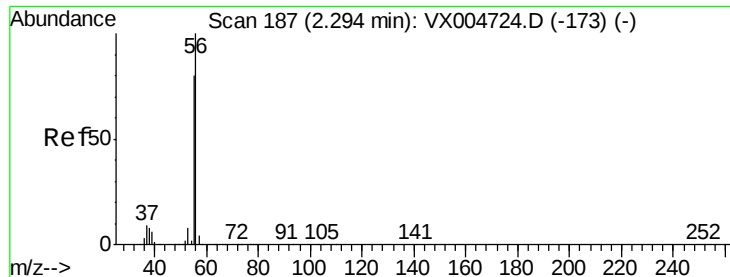
Tot Ion: 59 Resp: 218668
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.677 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 96 Resp: 117283
Ion Ratio Lower Upper
96 100
61 174.1 130.2 195.4
98 63.7 53.4 80.0





#13

Acrolein

Concen: 234.062 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

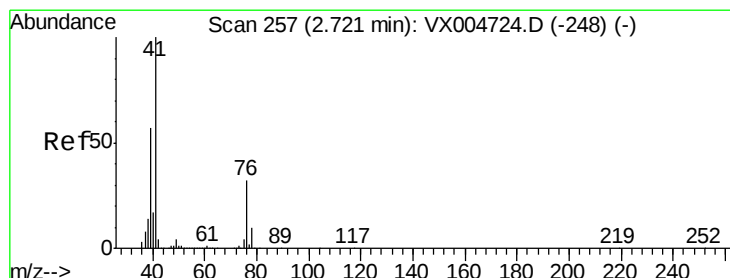
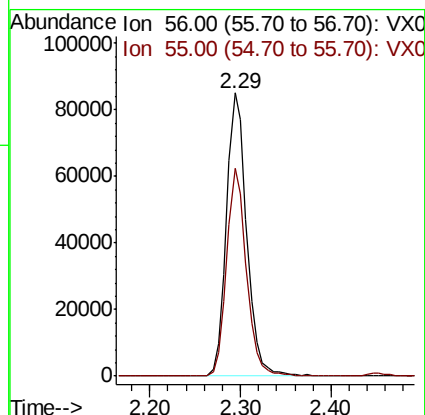
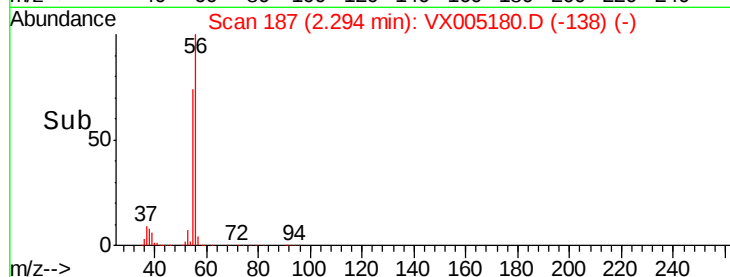
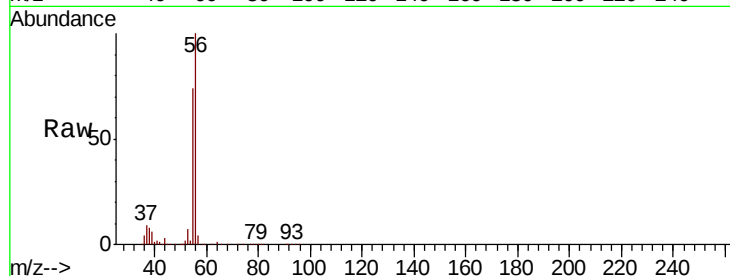
VSTDCCC050EC

Tot Ion: 56 Resp: 131680

Ion Ratio Lower Upper

56 100

55 71.8 63.4 95.2



#14

Allyl chloride

Concen: 54.766 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

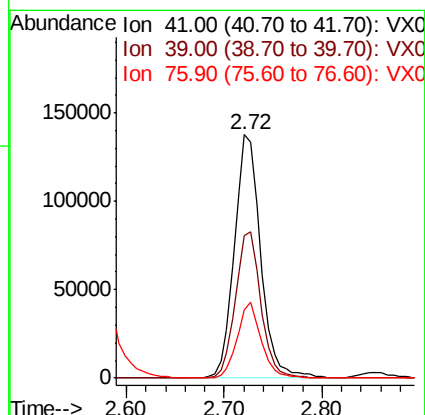
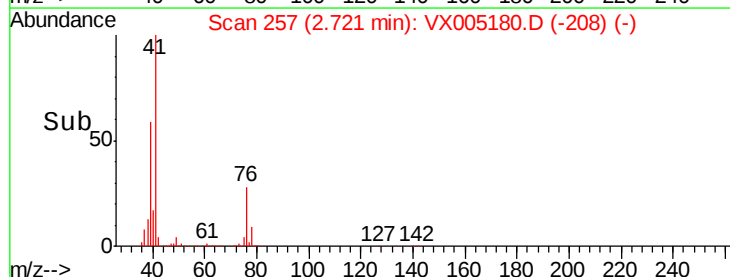
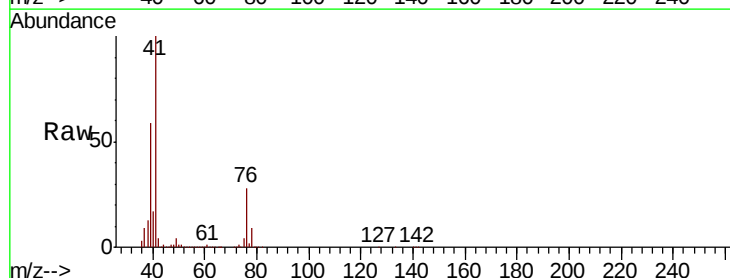
Tgt Ion: 41 Resp: 256315

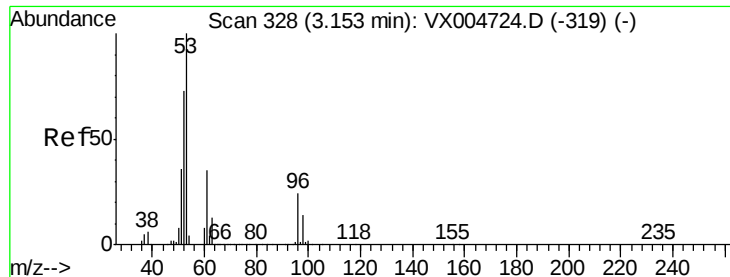
Ion Ratio Lower Upper

41 100

39 58.2 44.1 66.1

76 28.1 25.0 37.4





#15

Acrylonitrile

Concen: 274.378 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

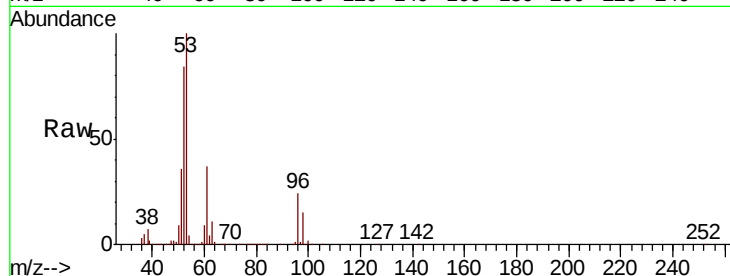
Tot Ion: 53 Resp: 477596

Ion Ratio Lower Upper

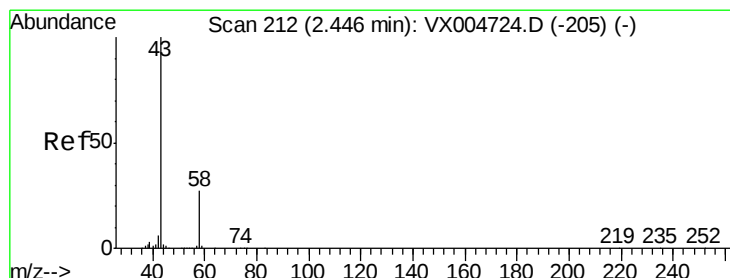
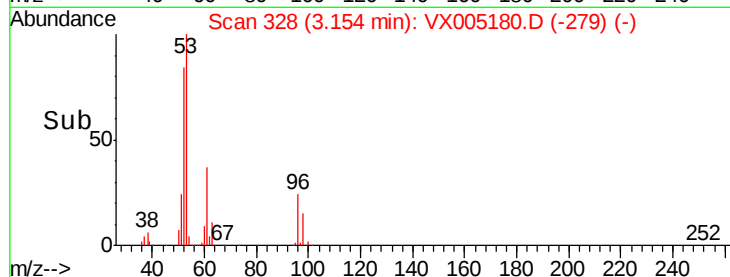
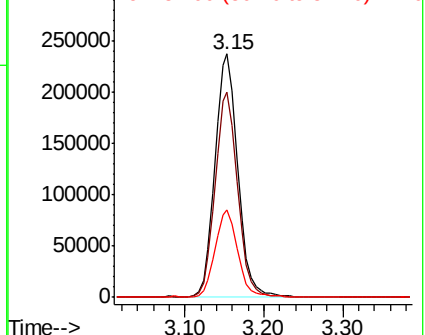
53 100

52 83.2 63.0 94.4

51 36.1 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: 261.085 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX005180.D

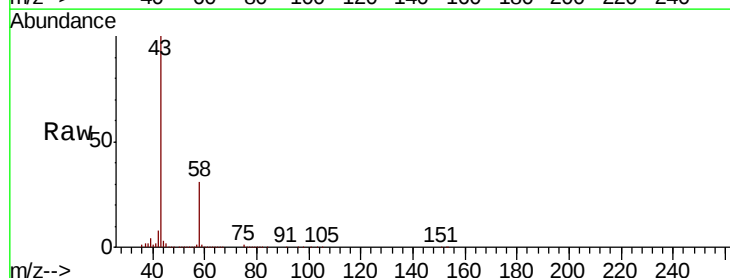
Acq: 10 Oct 2018 00:44

Tgt Ion: 43 Resp: 431047

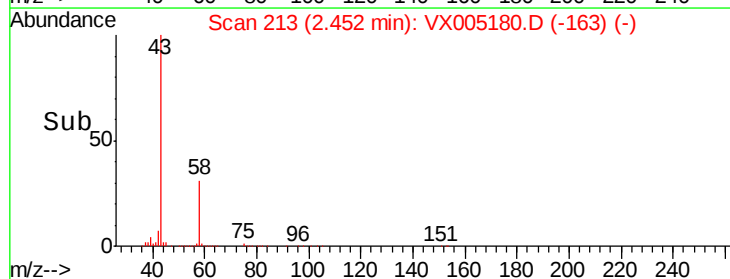
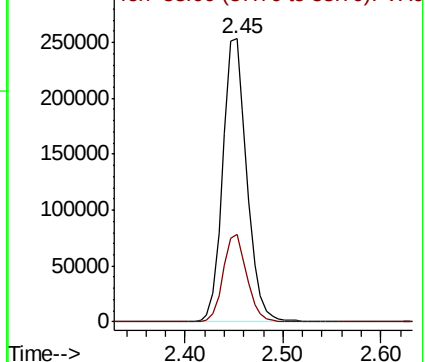
Ion Ratio Lower Upper

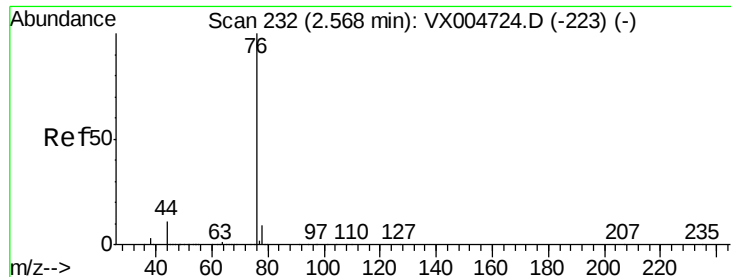
43 100

58 31.1 21.8 32.6



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

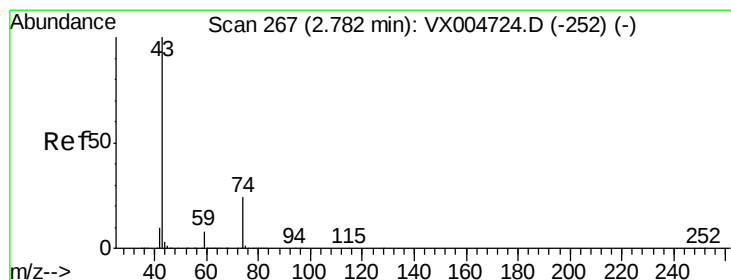
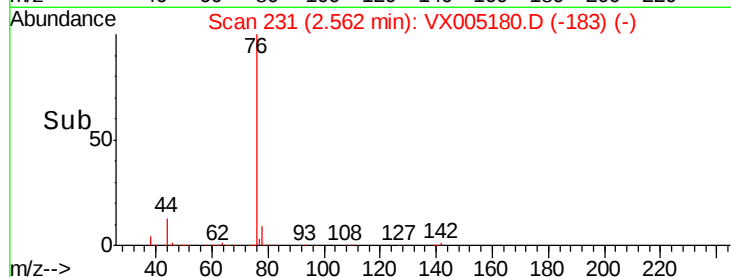
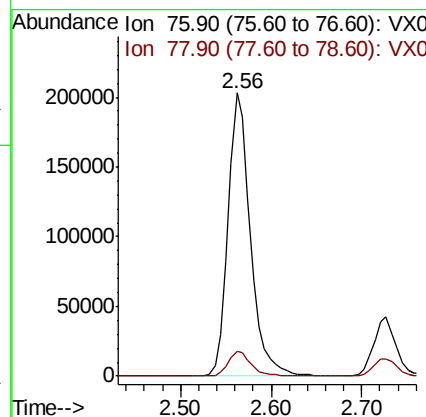
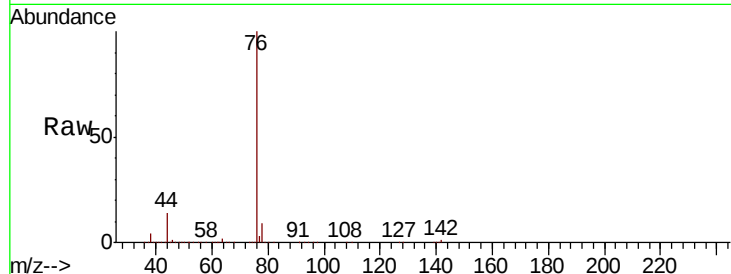




#17
Carbon Disulfide
Concen: 54.032 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

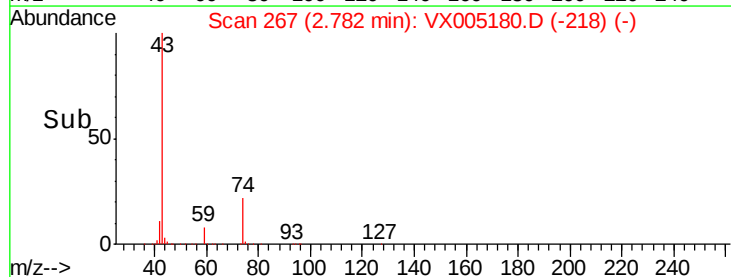
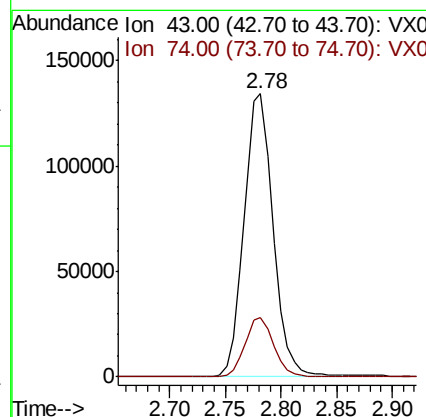
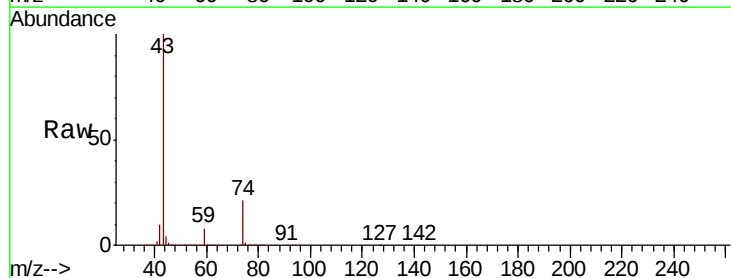
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

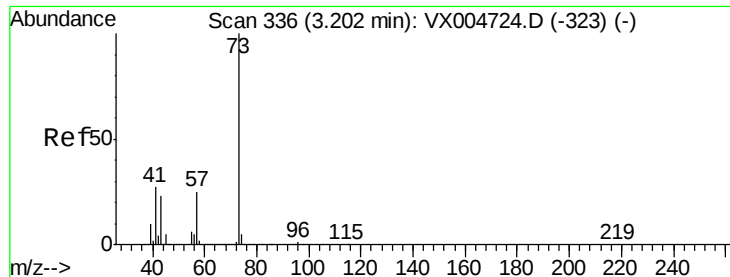
Tot Ion: 76 Resp: 348263
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.6



#18
Methyl Acetate
Concen: 57.920 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 43 Resp: 242276
Ion Ratio Lower Upper
43 100
74 20.7 17.8 26.8



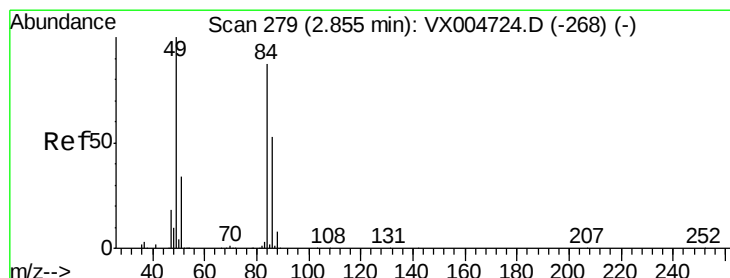
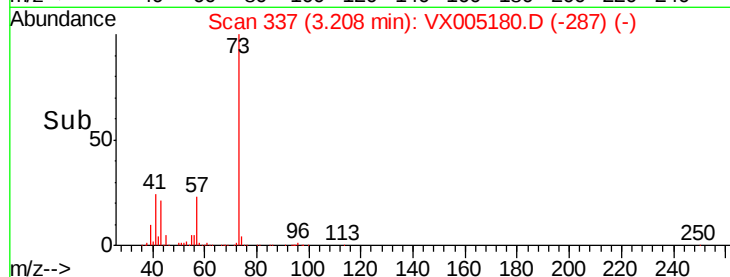
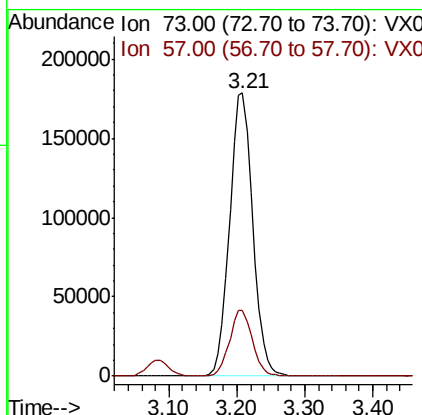
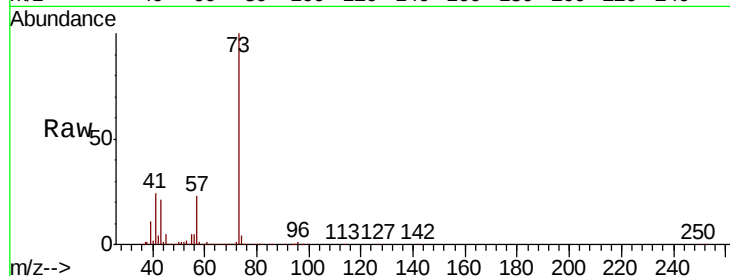


#19

Methyl tert-butyl Ether
 Concen: 56.982 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

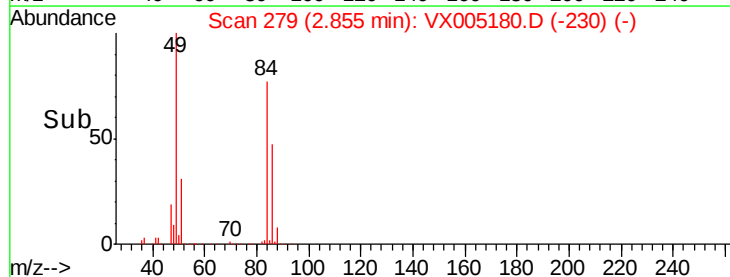
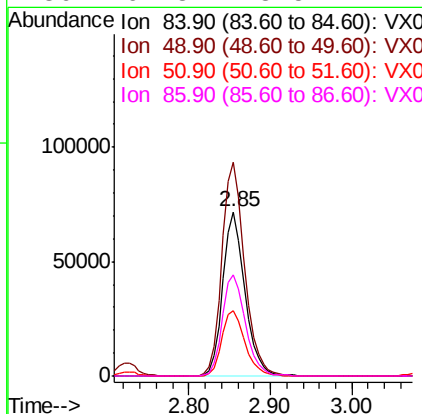
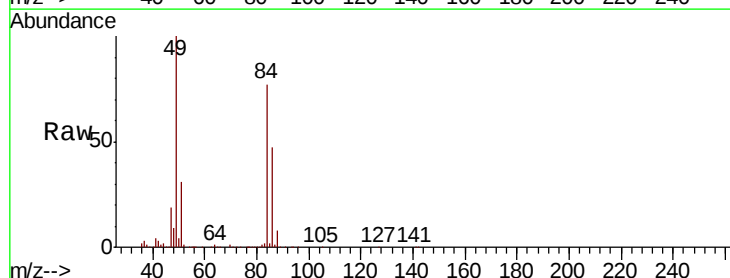
Tot Ion: 73 Resp: 421598
 Ion Ratio Lower Upper
 73 100
 57 23.0 19.9 29.9

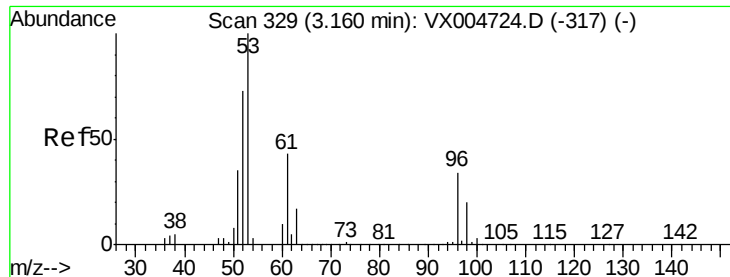


#20

Methylene Chloride
 Concen: 56.156 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion: 84 Resp: 134553
 Ion Ratio Lower Upper
 84 100
 49 130.1 92.3 138.5
 51 39.8 31.8 47.6
 86 61.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 52.698 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

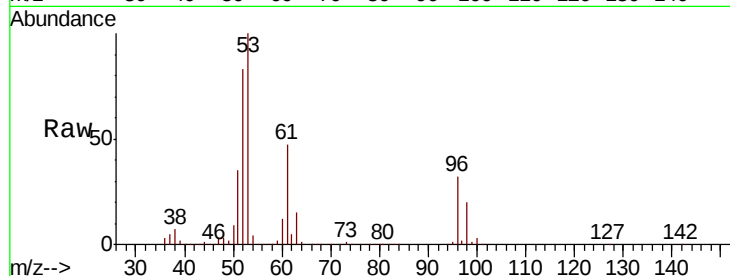
Tot Ion: 96 Resp: 123740

Ion Ratio Lower Upper

96 100

61 146.7 101.0 151.6

98 63.2 47.2 70.8

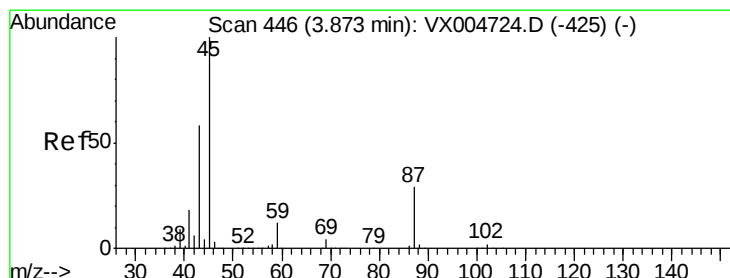
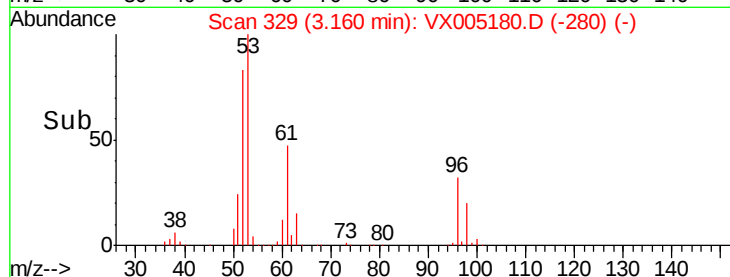
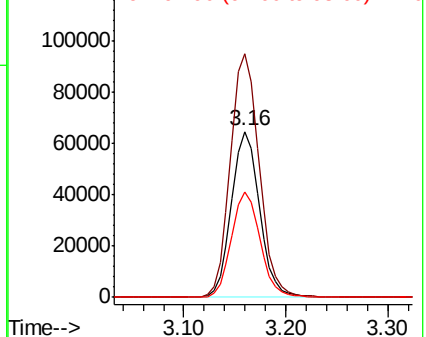


Abundance

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: 53.267 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Tgt Ion: 45 Resp: 419801

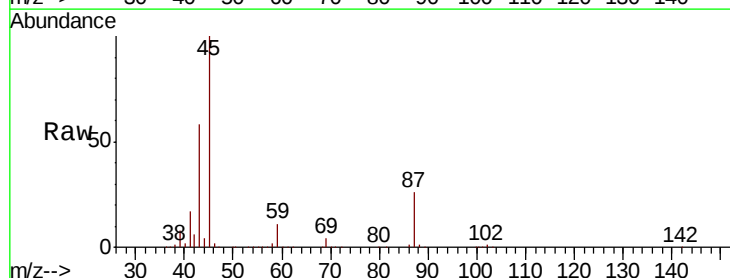
Ion Ratio Lower Upper

45 100

43 57.6 46.7 70.1

87 25.8 22.9 34.3

59 11.4 9.3 13.9



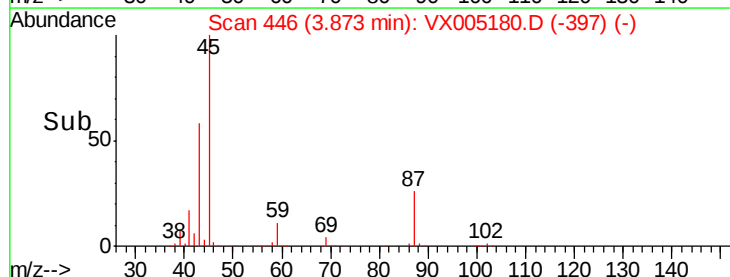
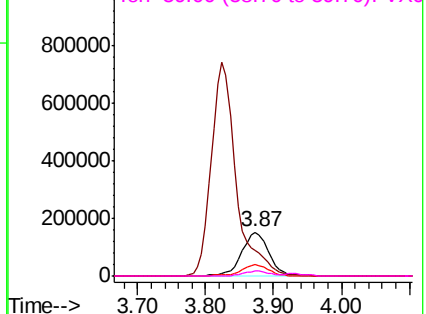
Abundance

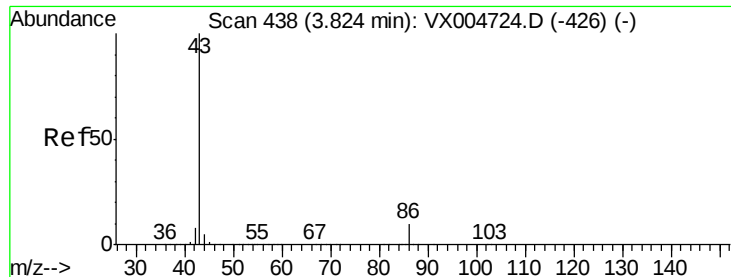
Ion 45.00 (44.70 to 45.70): VX0

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: 261.742 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

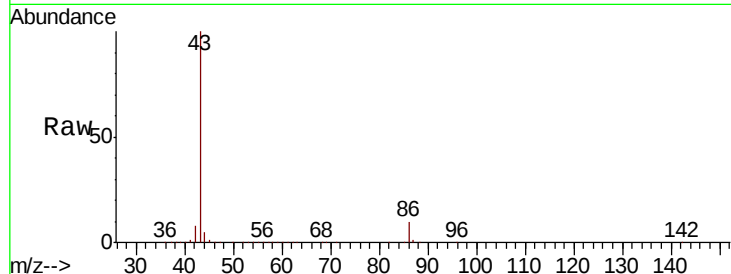
VSTDCCC050EC

Tot Ion: 43 Resp: 1888201

Ion Ratio Lower Upper

43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

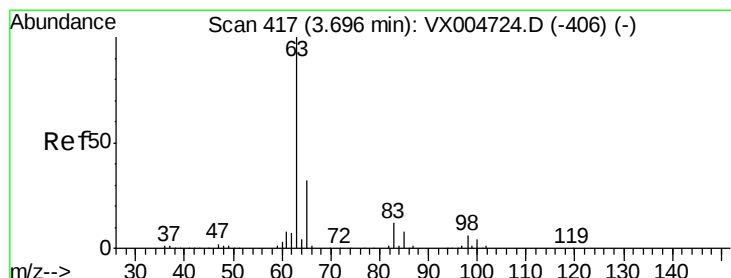
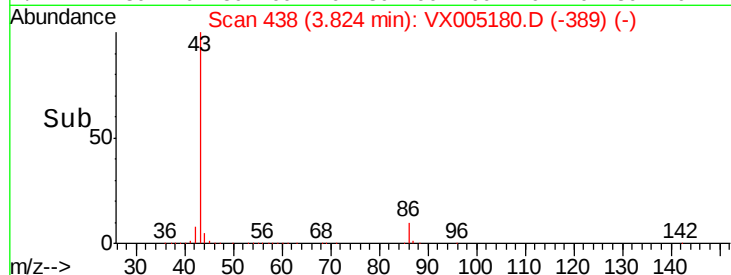
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.465 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

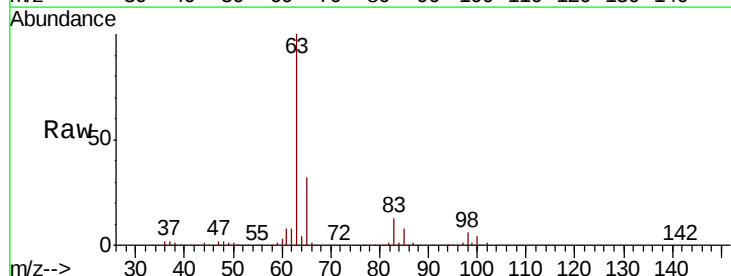
Tgt Ion: 63 Resp: 251345

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 4.3 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

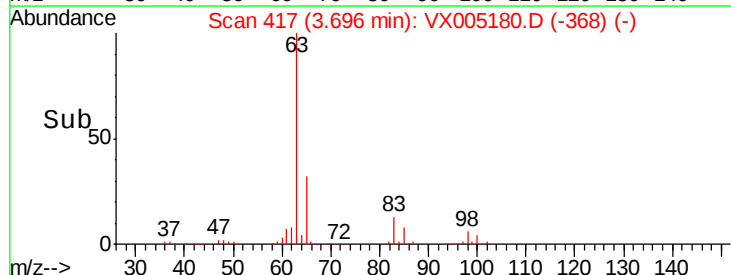
3.70

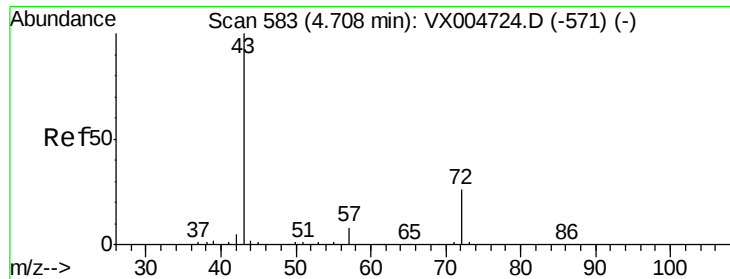
100000

50000

0

Time-->





#25

2-Butanone

Concen: 257.287 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

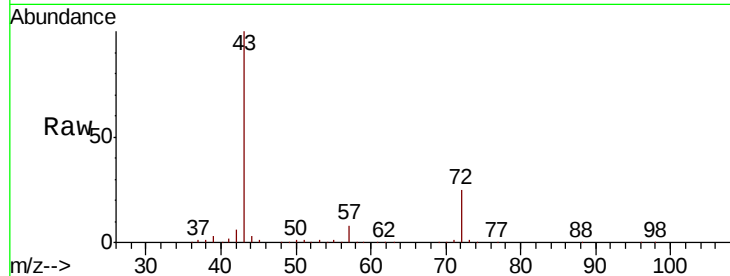
VSTDCCC050EC

Tot Ion: 43 Resp: 626133

Ion Ratio Lower Upper

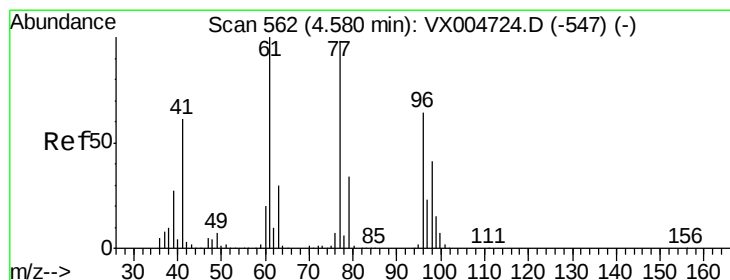
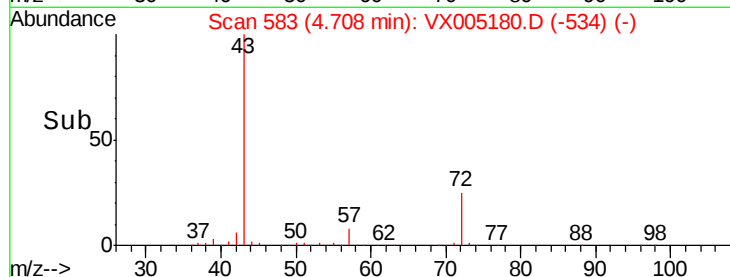
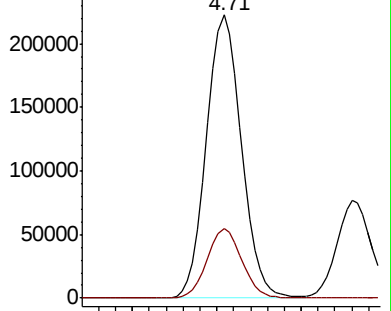
43 100

72 24.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 40.149 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX005180.D

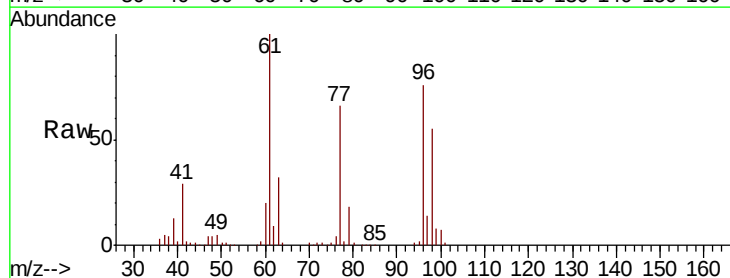
Acq: 10 Oct 2018 00:44

Tgt Ion: 77 Resp: 131433

Ion Ratio Lower Upper

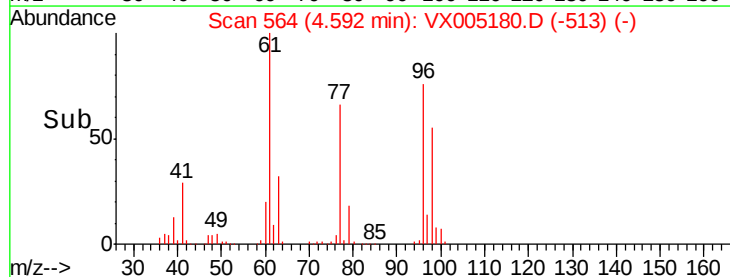
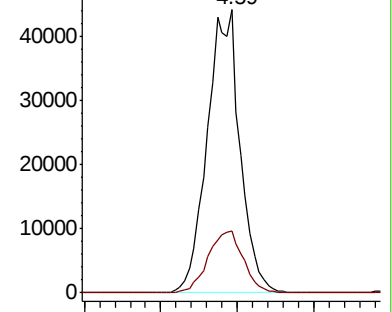
77 100

97 23.4 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



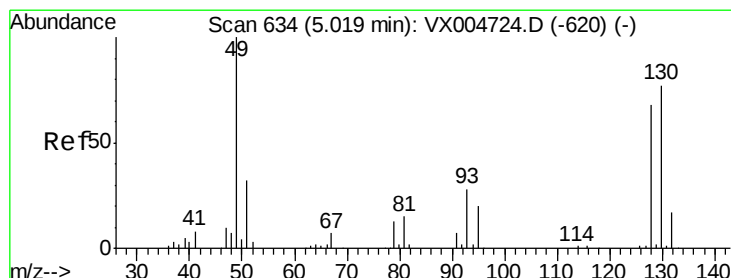
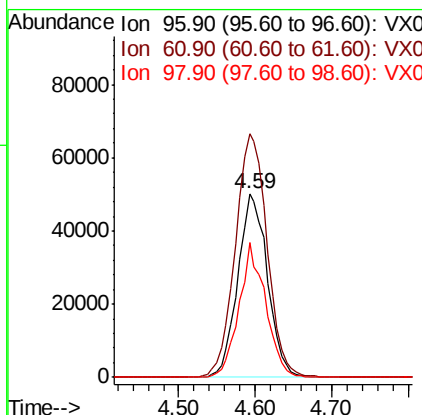
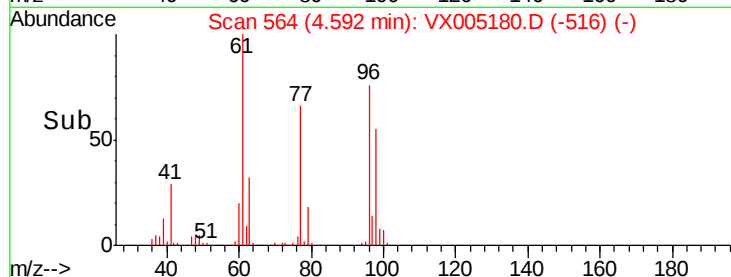
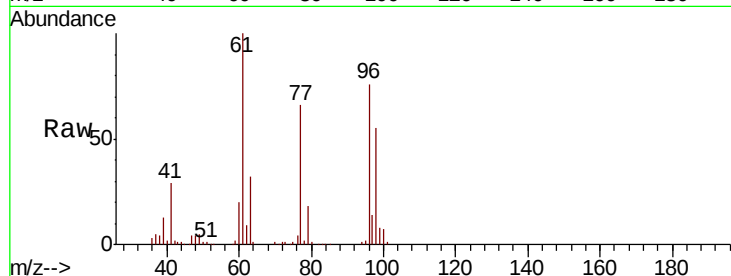


#27

cis-1,2-Dichloroethene
Concen: 51.454 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

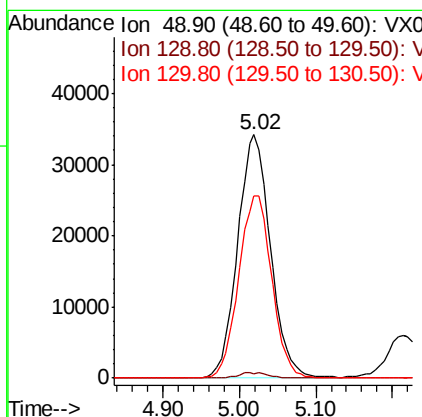
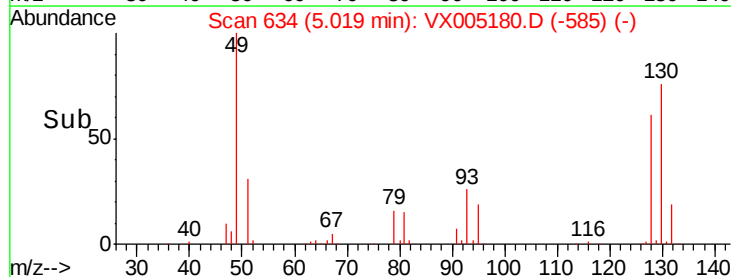
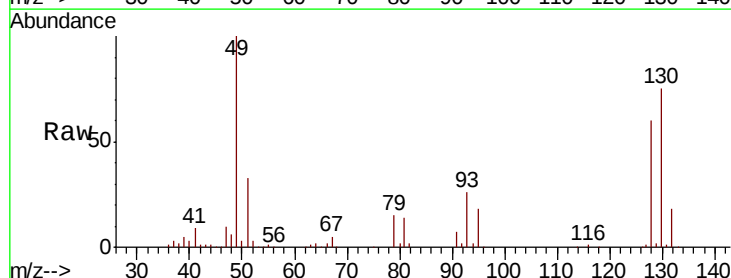
Tot Ion: 96 Resp: 134971
Ion Ratio Lower Upper
96 100
61 142.1 0.0 285.8
98 66.1 0.0 136.2



#28

Bromochloromethane
Concen: 46.076 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 49 Resp: 102005
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 75.6 62.0 93.0





#29

Tetrahydrofuran

Concen: 272.231 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

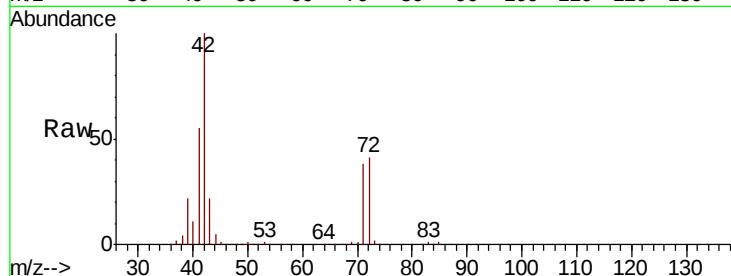
Tot Ion: 42 Resp: 411768

Ion Ratio Lower Upper

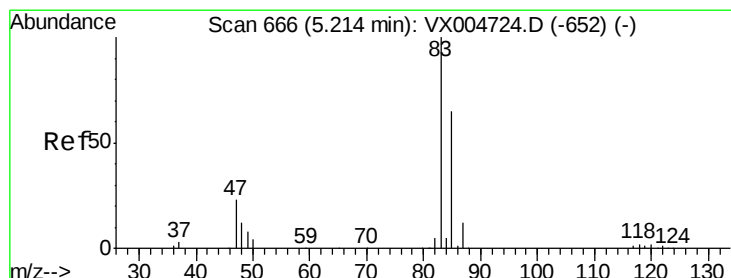
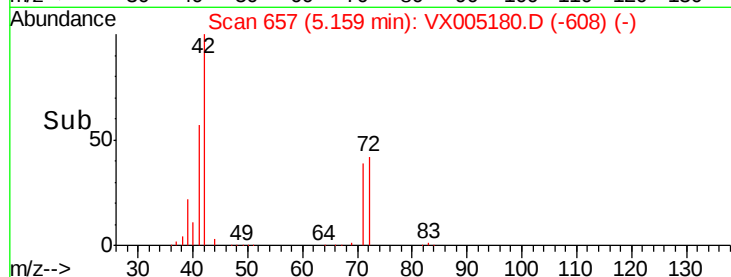
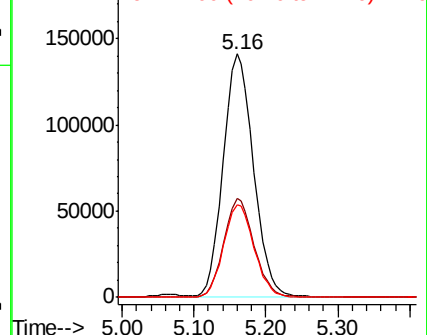
42 100

72 40.8 33.7 50.5

71 38.5 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.478 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005180.D

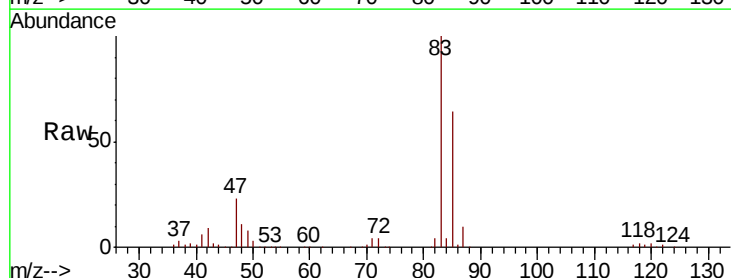
Acq: 10 Oct 2018 00:44

Tgt Ion: 83 Resp: 224277

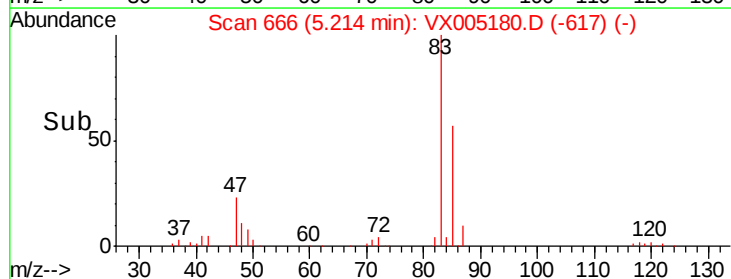
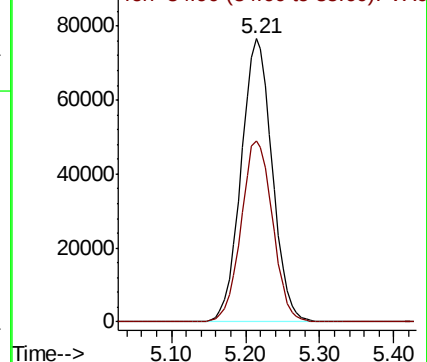
Ion Ratio Lower Upper

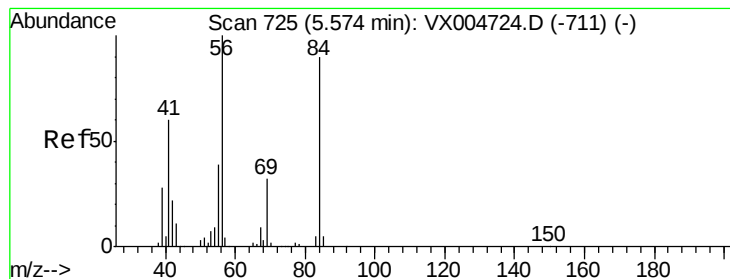
83 100

85 63.7 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 56.478 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

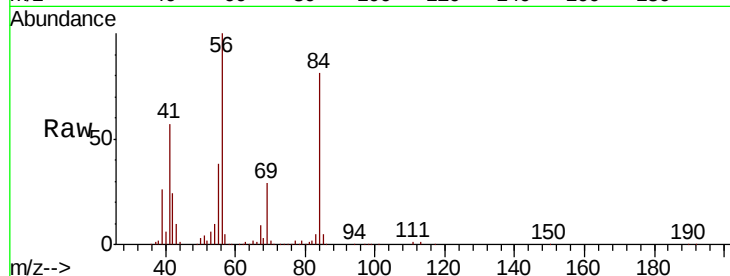
Tot Ion: 56 Resp: 203214

Ion Ratio Lower Upper

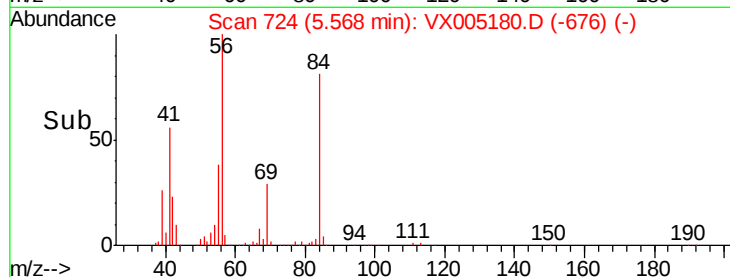
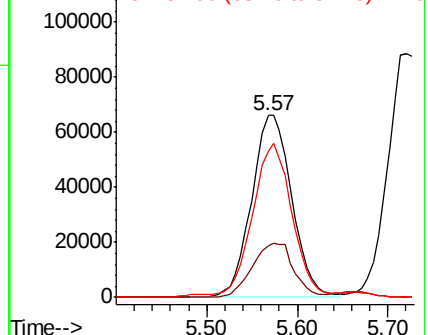
56 100

69 28.5 25.9 38.9

84 79.1 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.994 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

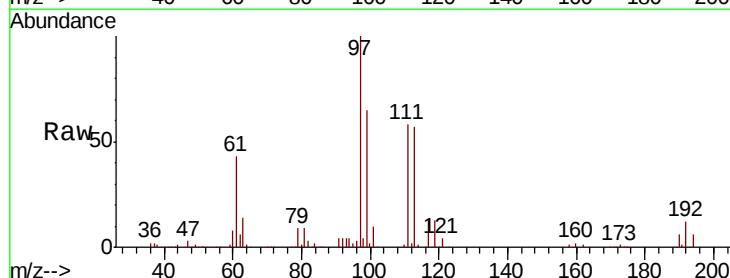
Tgt Ion: 97 Resp: 195920

Ion Ratio Lower Upper

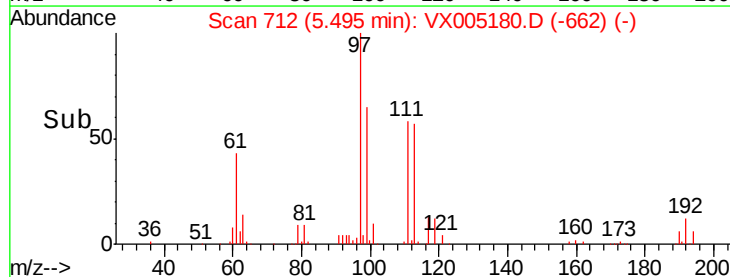
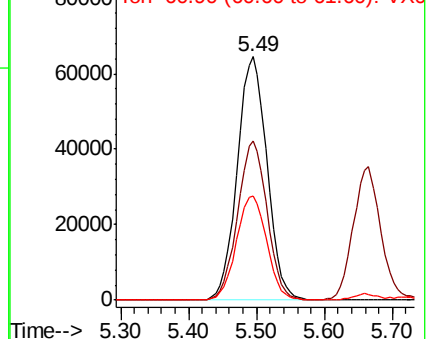
97 100

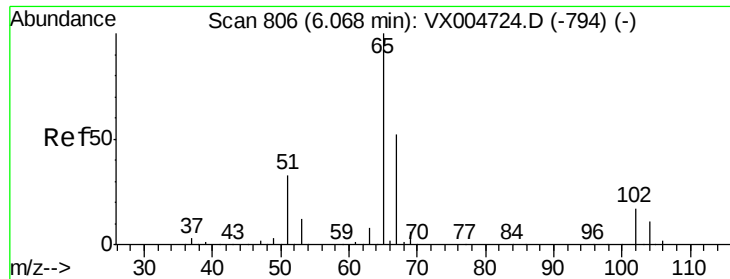
99 64.6 54.6 82.0

61 43.9 37.5 56.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.107 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

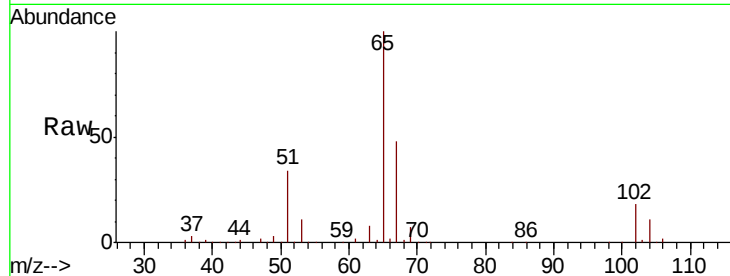
VSTDCCC050EC

Tot Ion: 65 Resp: 141698

Ion Ratio Lower Upper

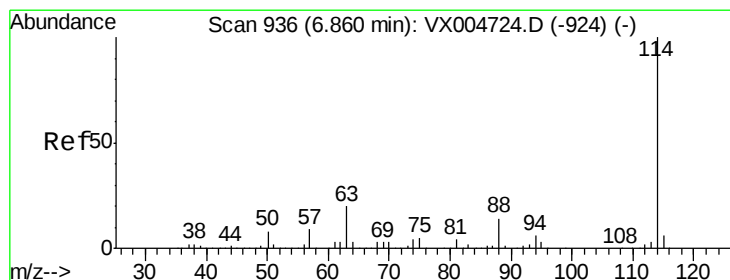
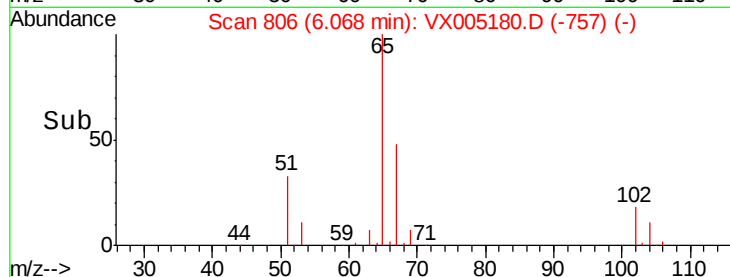
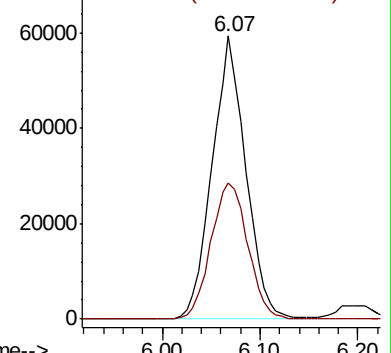
65 100

67 52.7 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

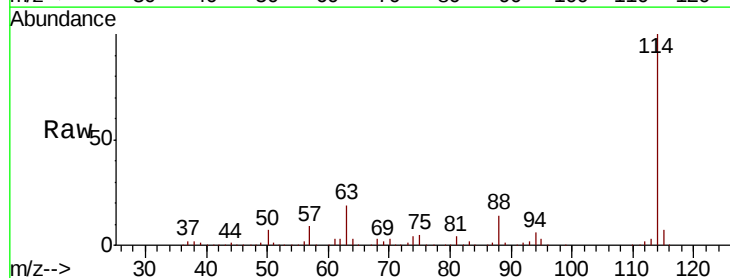
Tgt Ion: 114 Resp: 290161

Ion Ratio Lower Upper

114 100

63 18.7 0.0 39.8

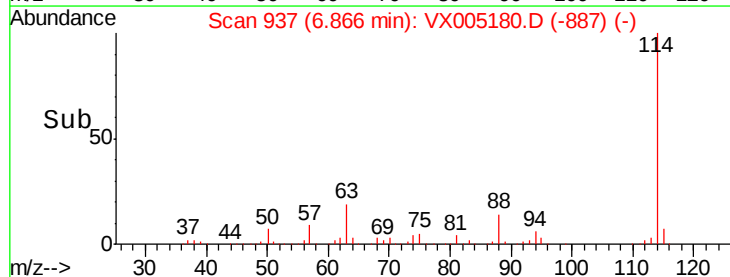
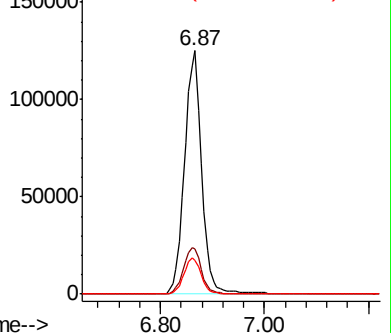
88 13.8 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.025 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

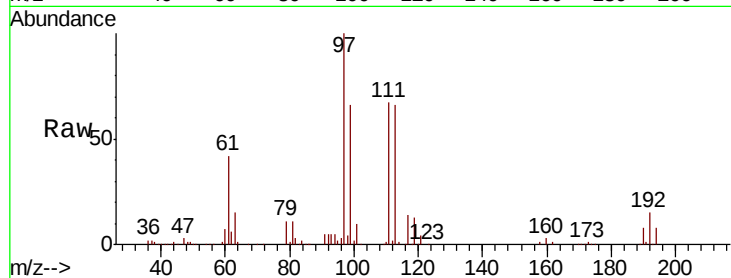
Tot Ion:113 Resp: 113183

Ion Ratio Lower Upper

113 100

111 102.1 77.0 115.4

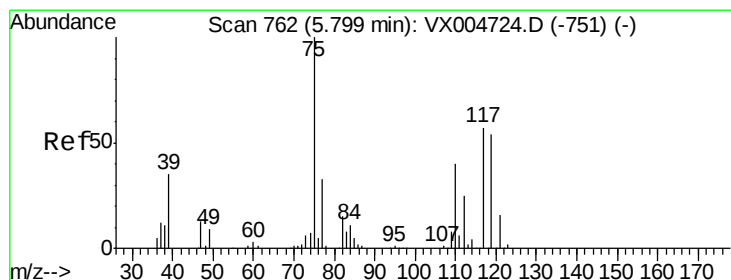
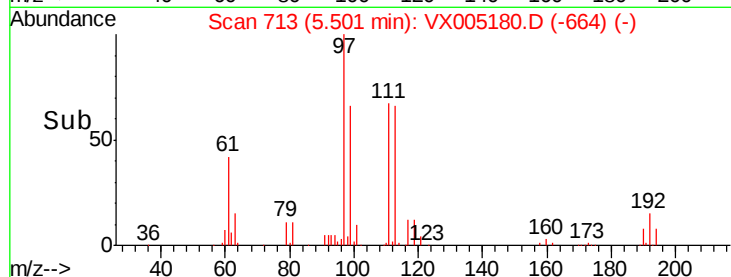
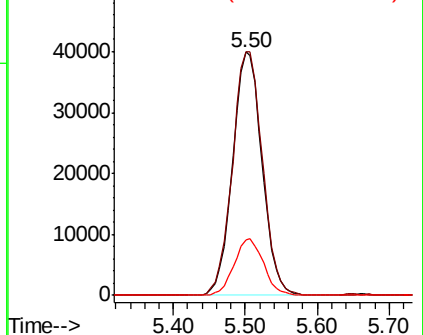
192 23.2 17.0 25.6



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: 51.715 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

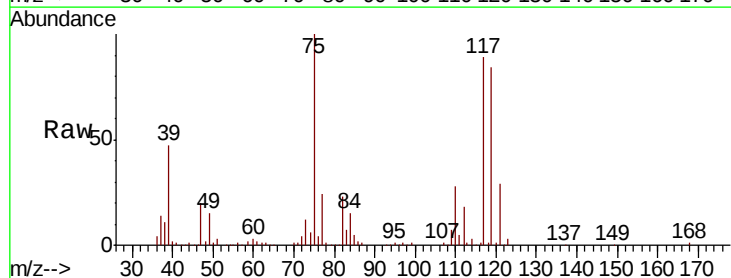
Tgt Ion: 75 Resp: 173514

Ion Ratio Lower Upper

75 100

110 34.3 20.0 59.9

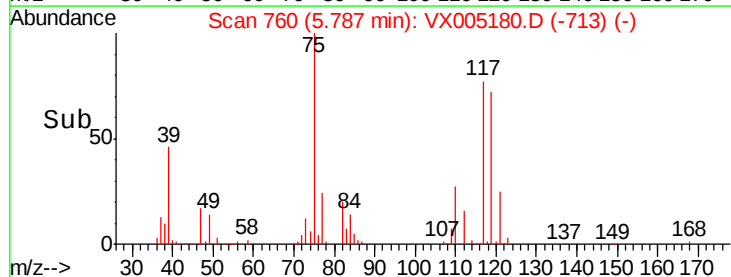
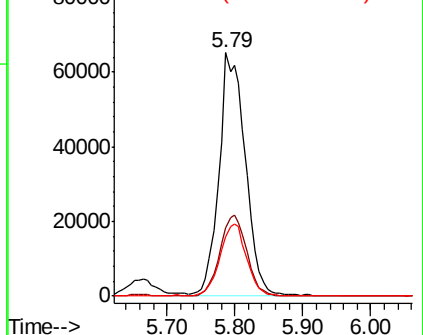
77 30.3 27.1 40.7

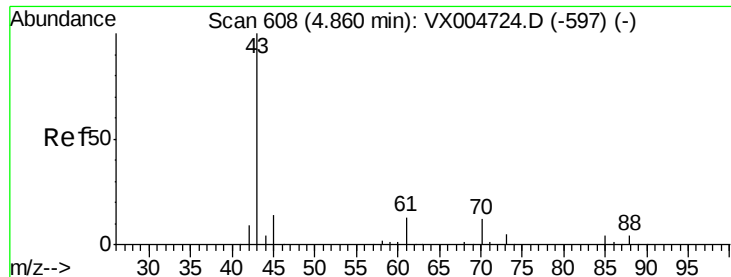


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

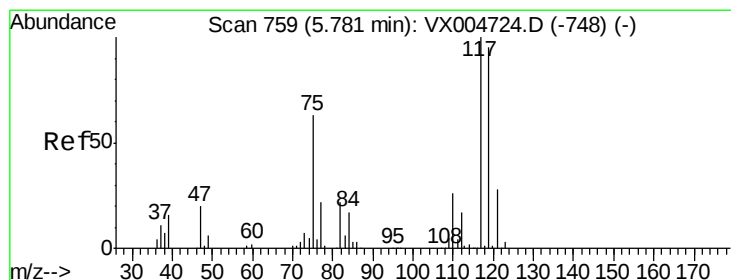
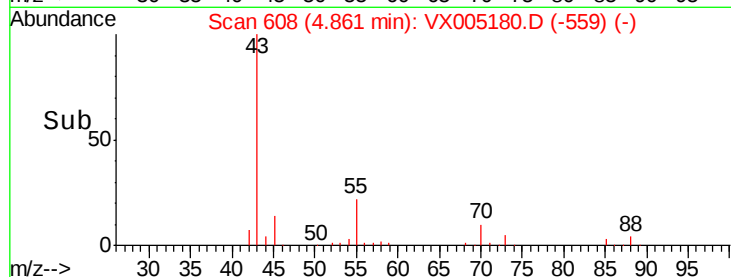
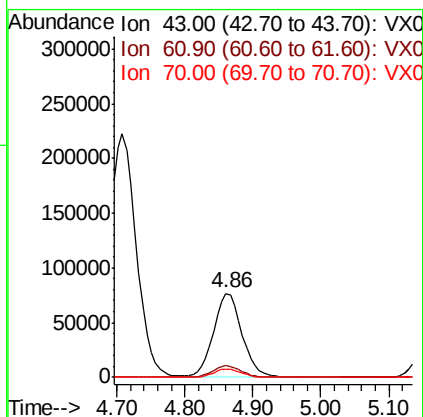
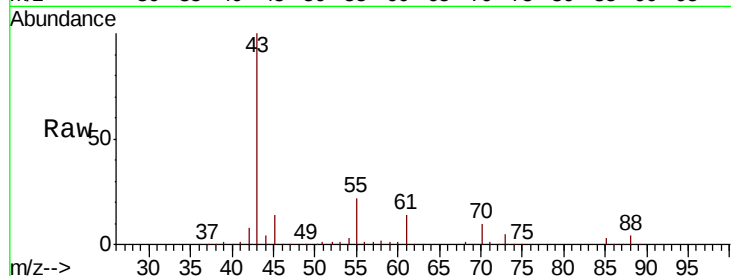




#37
Ethyl Acetate
Concen: 49.780 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

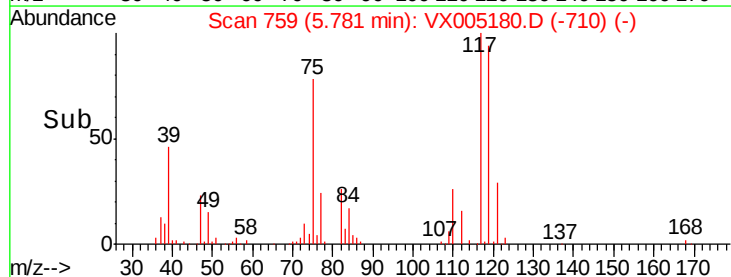
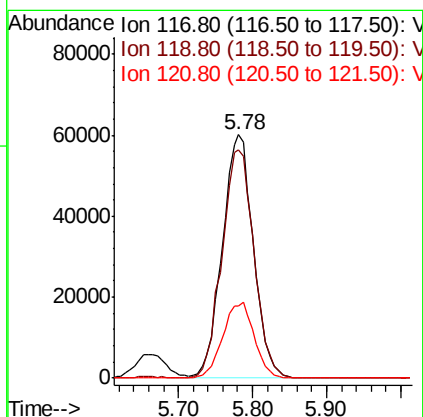
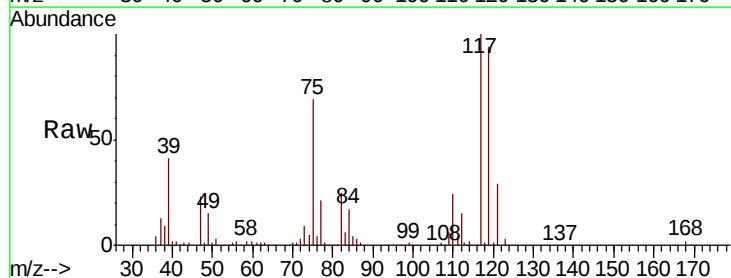
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

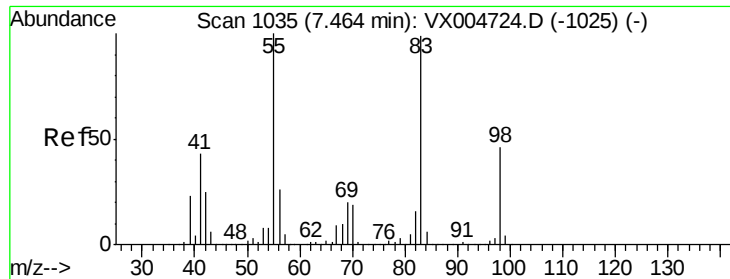
Tot Ion: 43 Resp: 221705
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 9.8 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.582 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 117 Resp: 174871
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 29.5 22.5 33.7

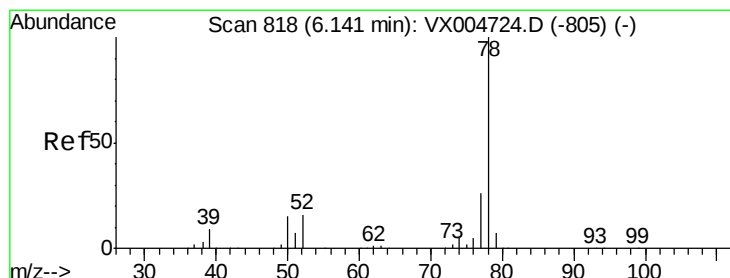
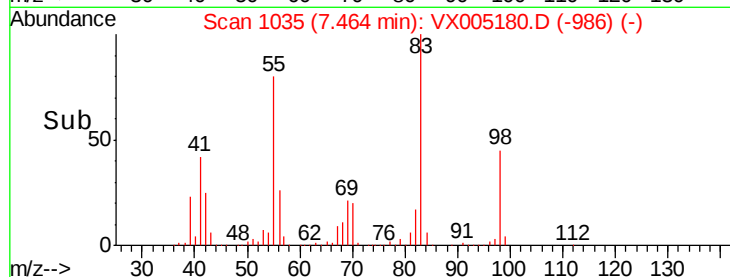
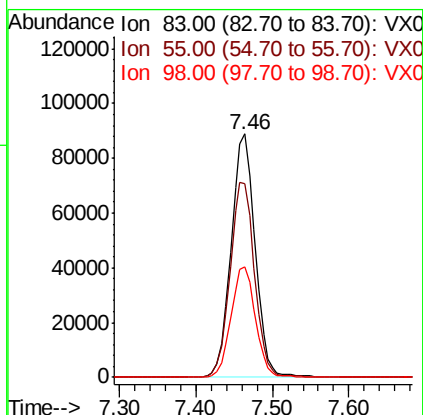
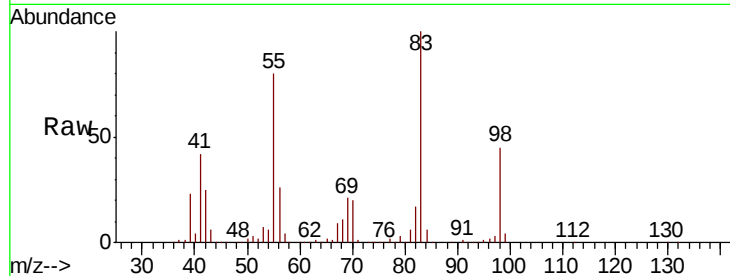




#39
Methvlcvclohexane
Concen: 56.228 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

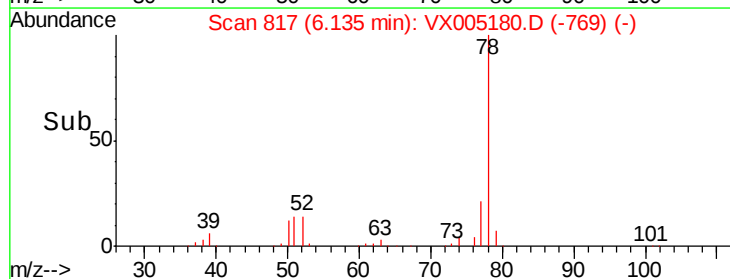
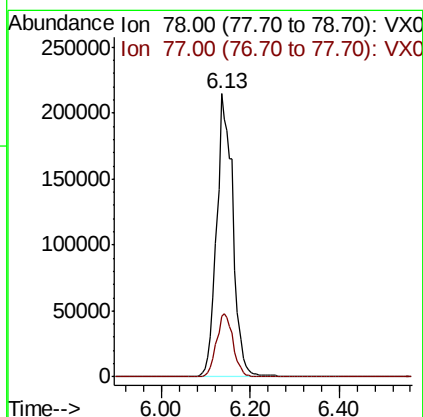
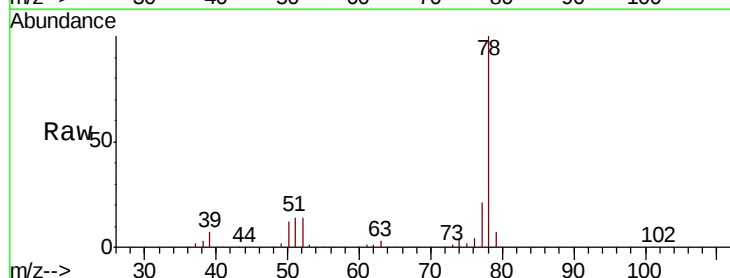
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 192638
Ion Ratio Lower Upper
83 100
55 79.8 81.1 121.7#
98 45.4 37.3 55.9



#40
Benzene
Concen: 52.156 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 78 Resp: 547847
Ion Ratio Lower Upper
78 100
77 21.2 21.0 31.4

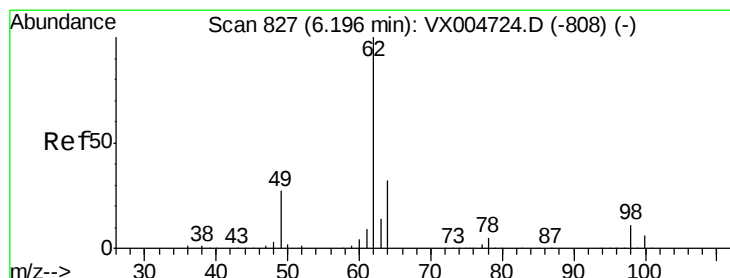
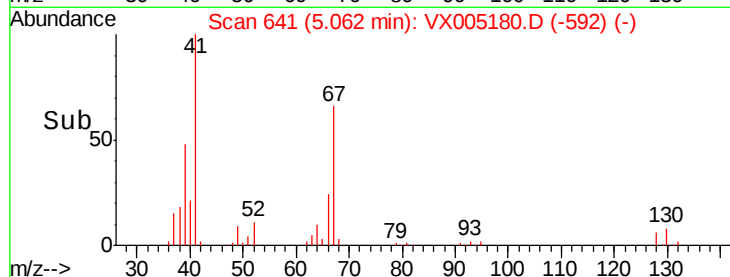
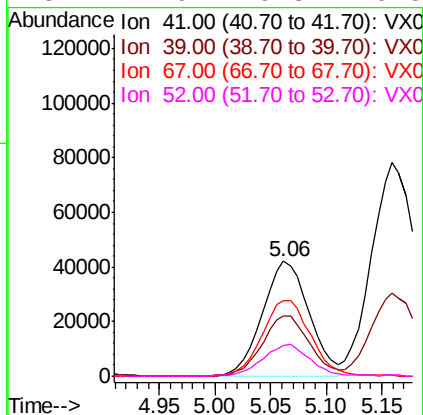
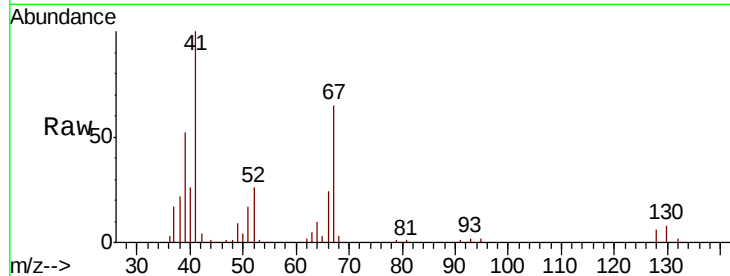




#41
Methacrylonitrile
Concen: 49.610 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

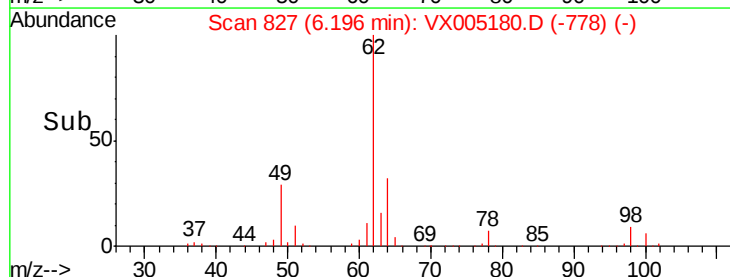
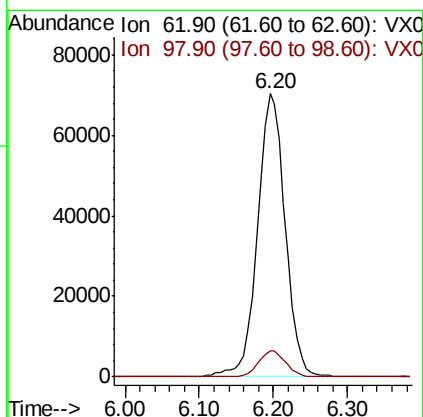
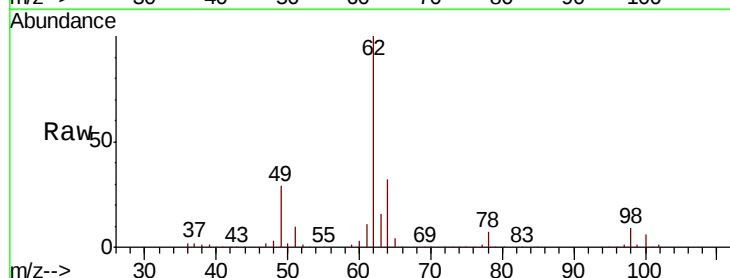
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	122533
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.5	63.7
67	68.7	53.0	79.6
52	27.9	19.8	29.8



#42
1,2-Dichloroethane
Concen: 49.240 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion:	62	Resp:	182844
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2



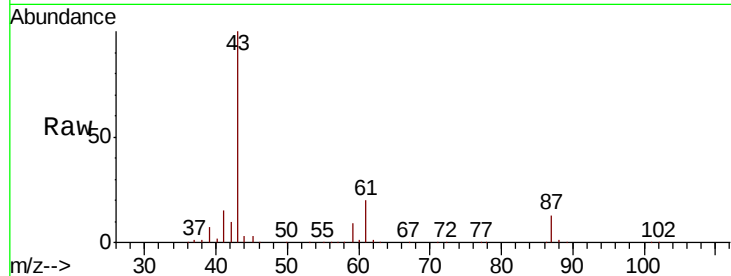


#43

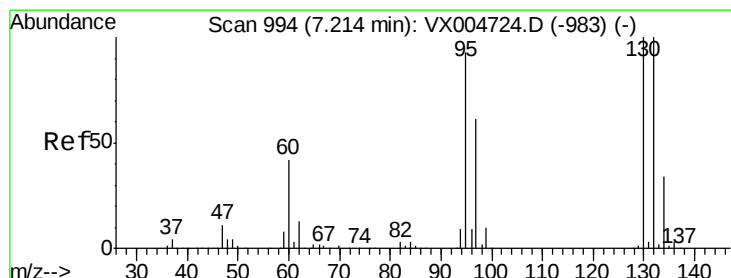
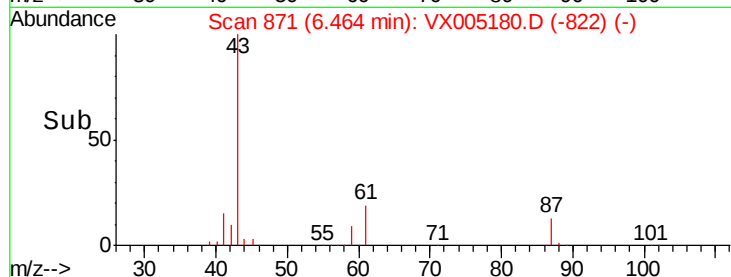
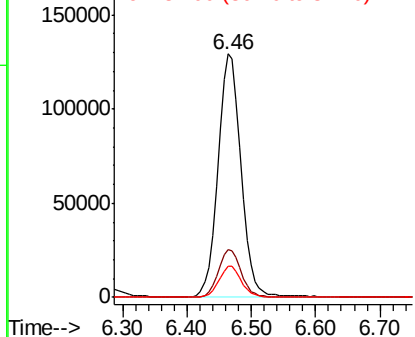
Isopropyl Acetate
 Concen: 50.746 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 326206
 Ion Ratio Lower Upper
 43 100
 61 19.6 14.2 21.4
 87 12.6 9.3 13.9



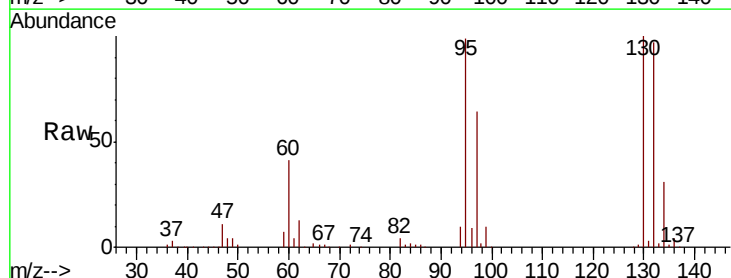
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



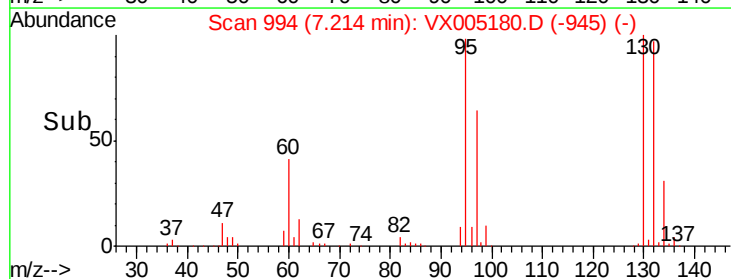
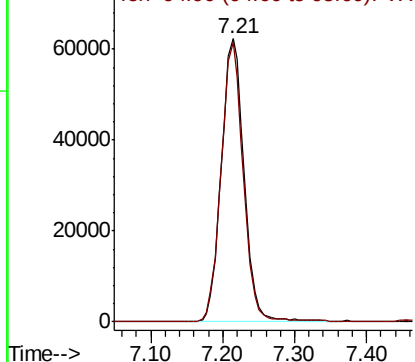
#44

Trichloroethene
 Concen: 53.113 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion:130 Resp: 137150
 Ion Ratio Lower Upper
 130 100
 95 98.6 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

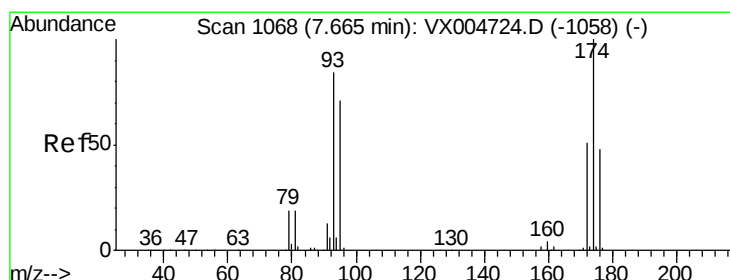
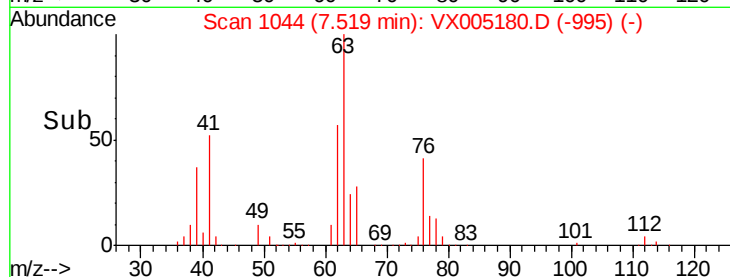
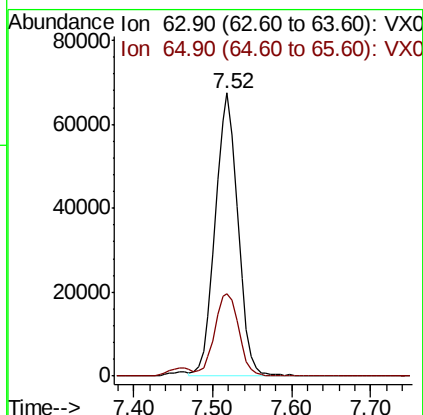
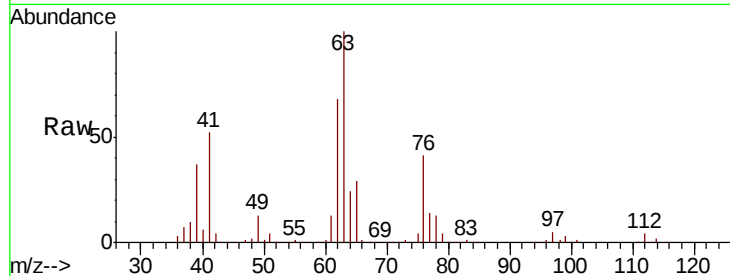




#45
 1,2-Dichloropropane
 Concen: 52.627 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

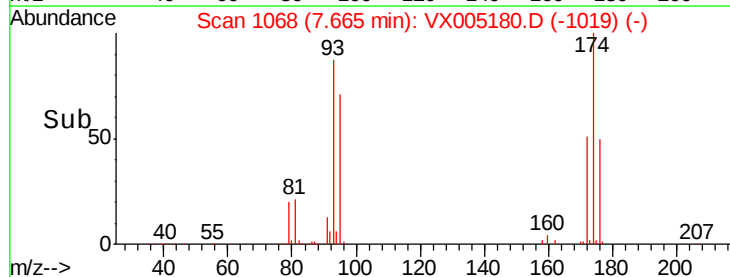
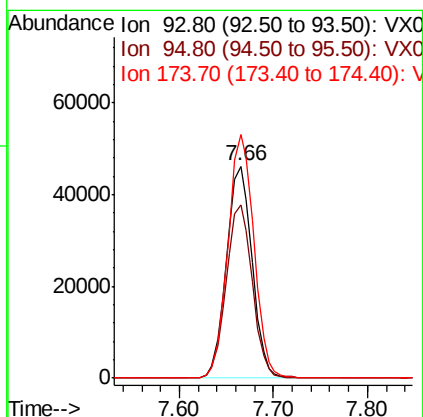
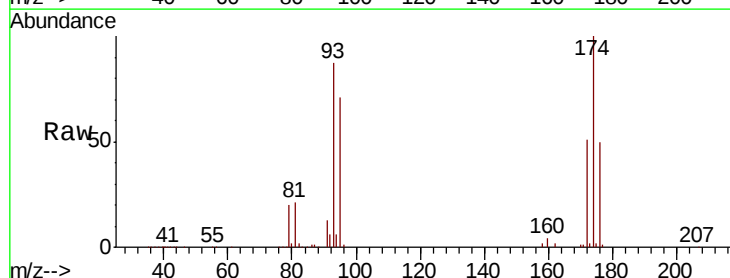
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

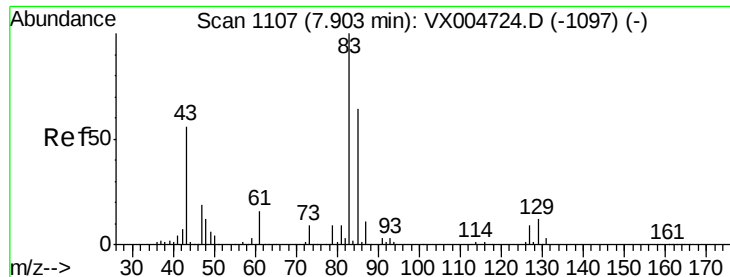
Tot Ion: 63 Resp: 135563
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.9 35.9



#46
 Dibromomethane
 Concen: 54.068 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion: 93 Resp: 87529
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.7 100.1
 174 116.3 92.7 139.1





#47

Bromodichloromethane

Concen: 55.929 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

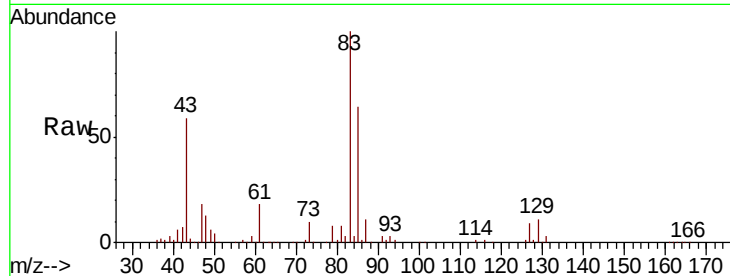
Tot Ion: 83 Resp: 169520

Ion Ratio Lower Upper

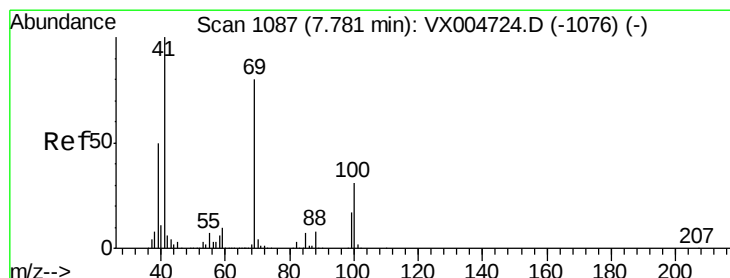
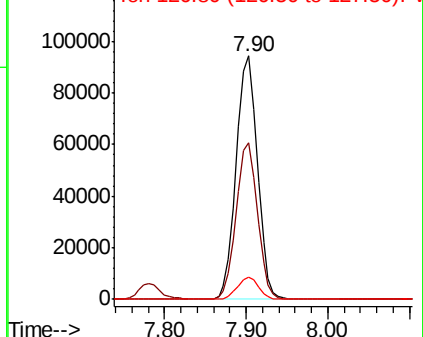
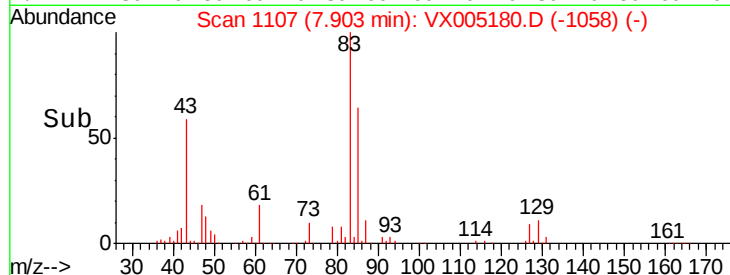
83 100

85 64.4 51.2 76.8

127 9.4 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: 59.625 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

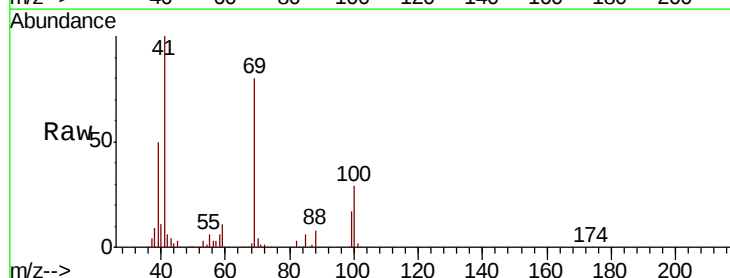
Tgt Ion: 41 Resp: 173967

Ion Ratio Lower Upper

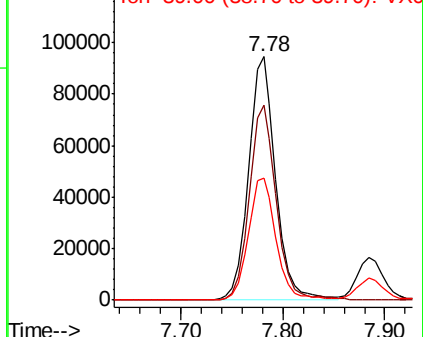
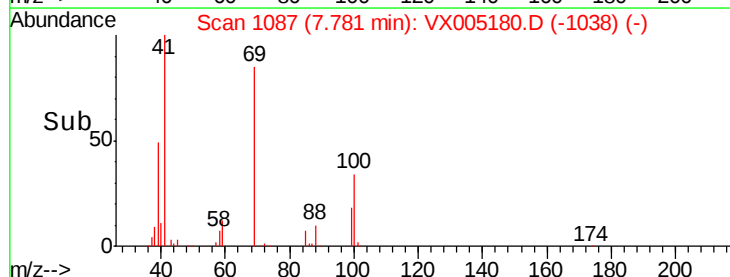
41 100

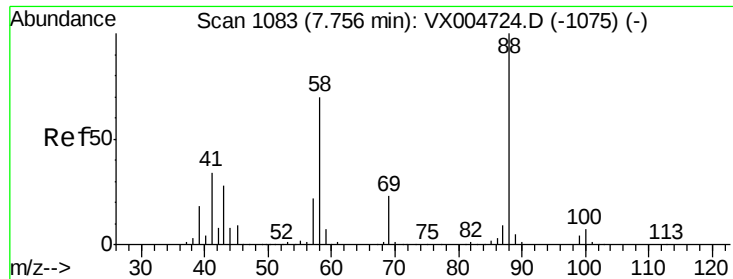
69 80.5 63.8 95.6

39 51.7 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

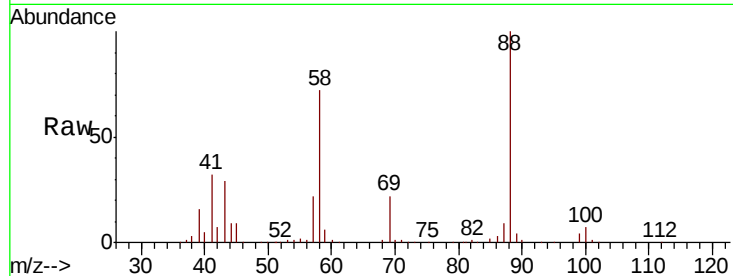




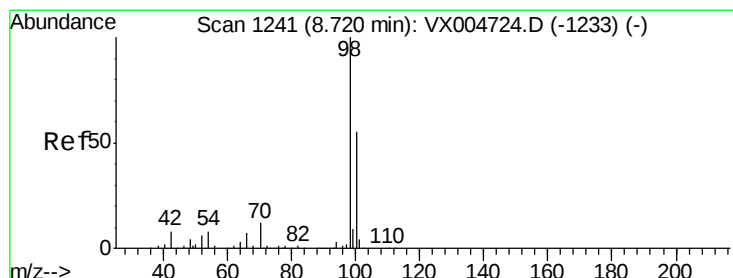
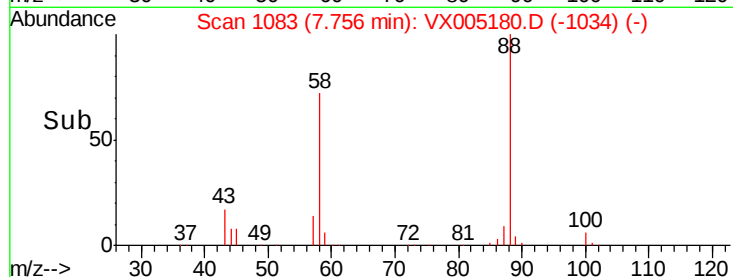
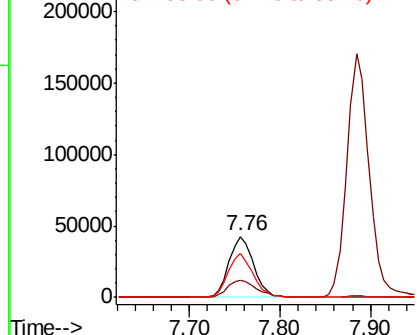
#49
1,4-Dioxane
Concen: 1111.213 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 80548
Ion Ratio Lower Upper
88 100
43 32.6 25.1 37.7
58 72.1 56.2 84.2

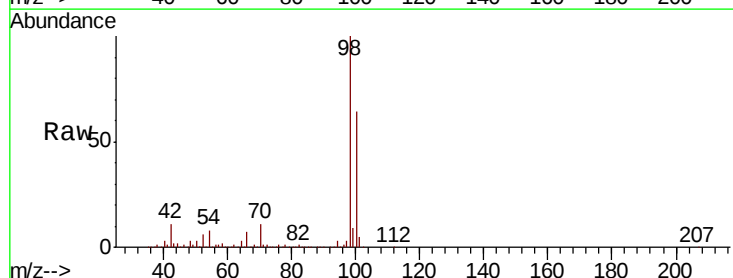


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

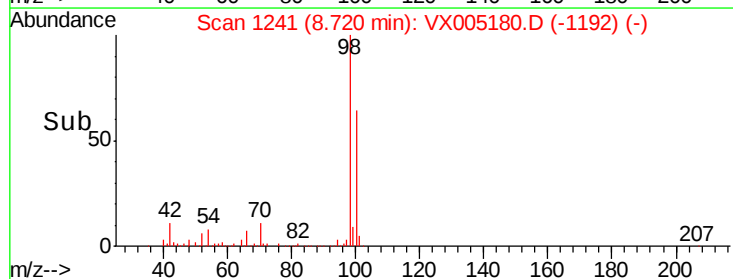
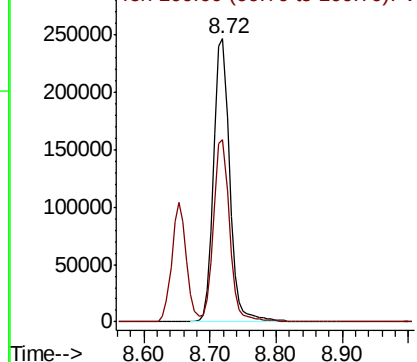


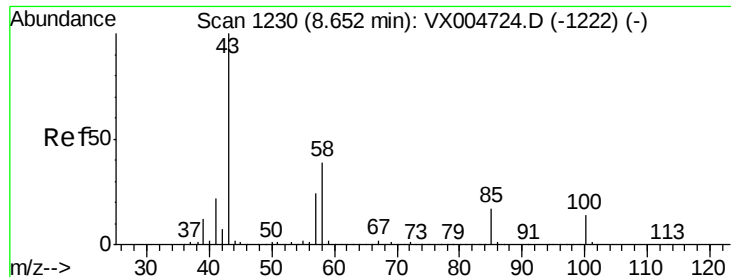
#50
Toluene-d8
Concen: 50.911 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 98 Resp: 416217
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

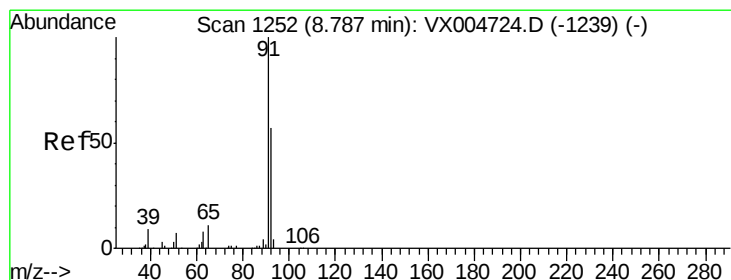
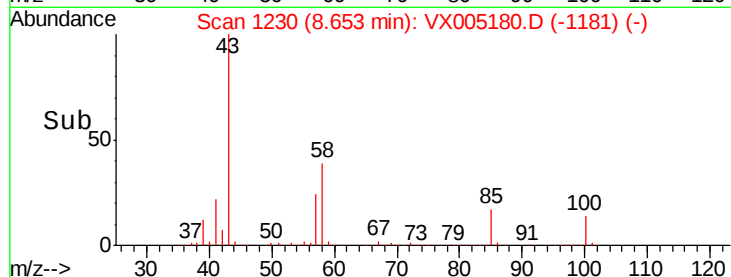
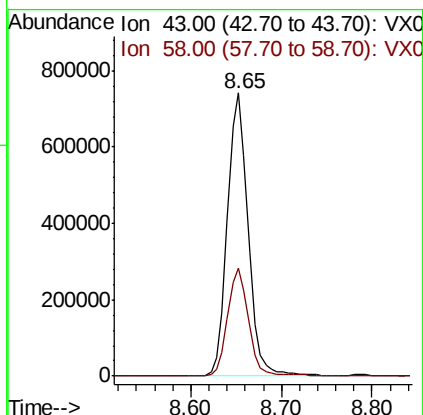
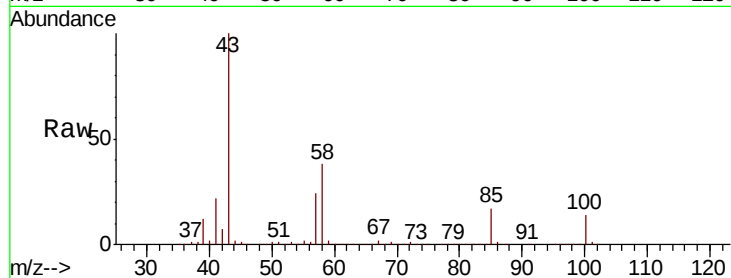




#51
4-Methyl-2-Pentanone
Concen: 290.972 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

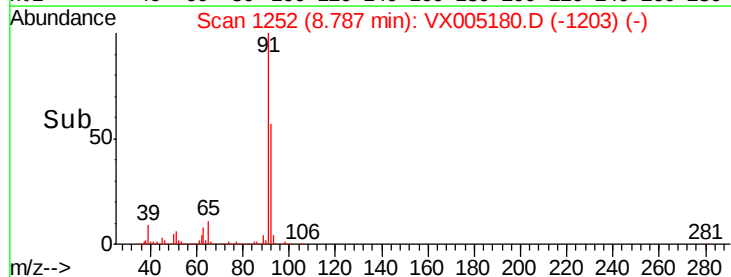
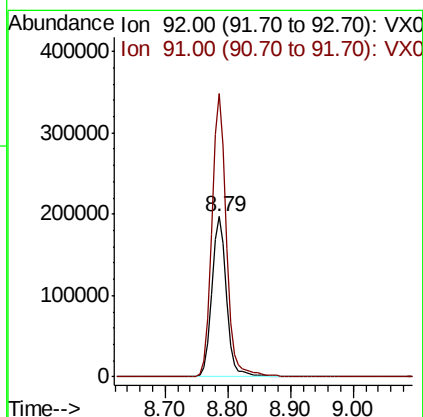
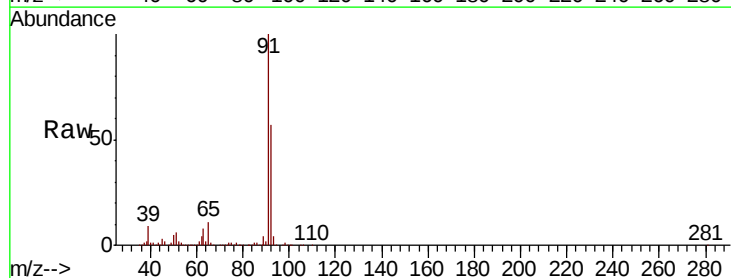
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1177712
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7



#52
Toluene
Concen: 55.190 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 92 Resp: 318548
Ion Ratio Lower Upper
92 100
91 174.7 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 52.455 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

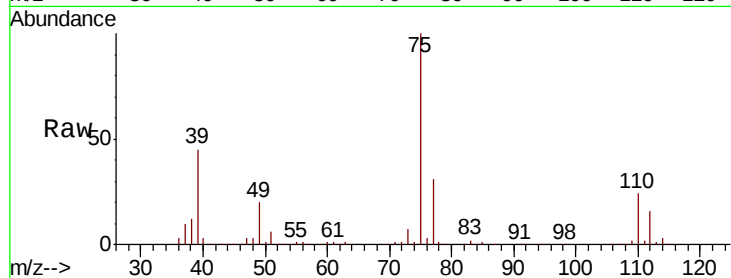
VSTDCCC050EC

Tot Ion: 75 Resp: 179664

Ion Ratio Lower Upper

75 100

77 31.1 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

150000

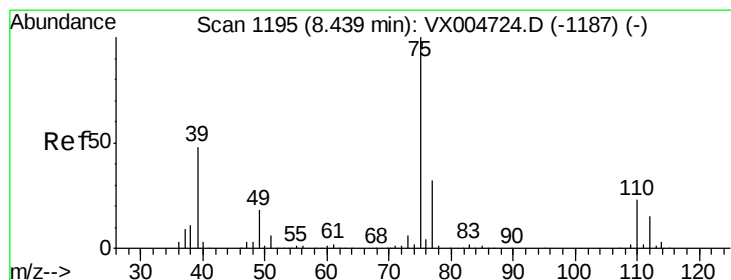
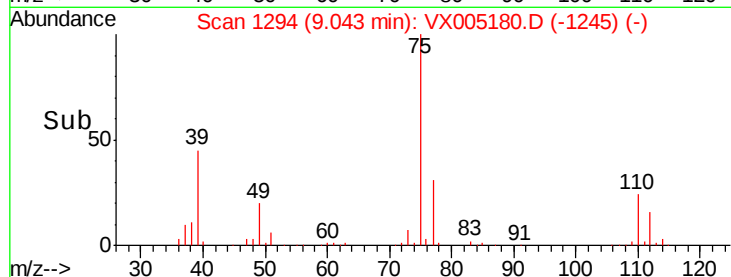
100000

50000

0

9.00 9.10 9.20

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.658 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

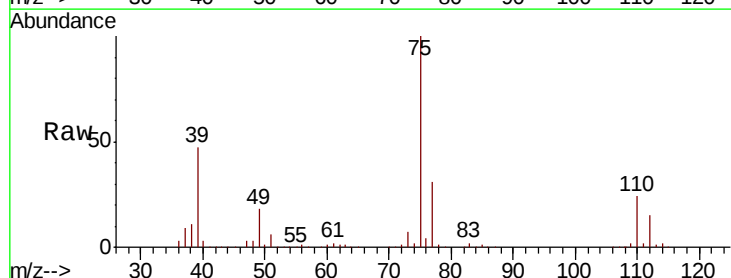
Tgt Ion: 75 Resp: 196088

Ion Ratio Lower Upper

75 100

77 31.4 25.7 38.5

39 46.7 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

8.44

150000

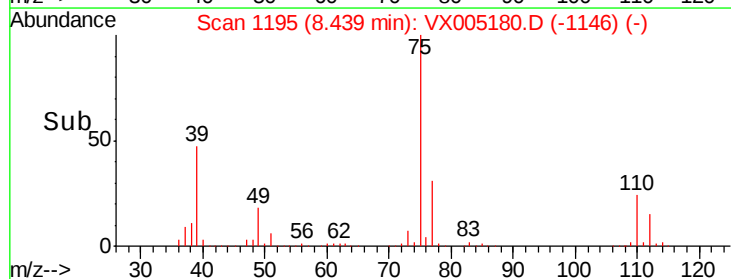
100000

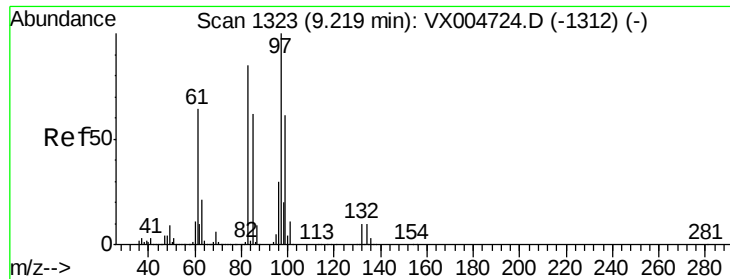
50000

0

8.40 8.50

Time-->

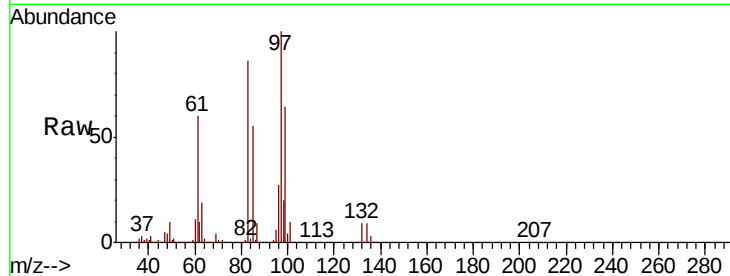




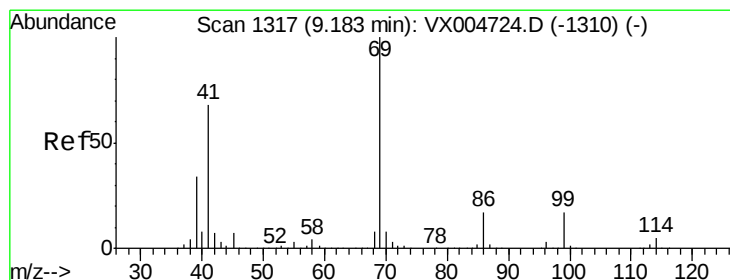
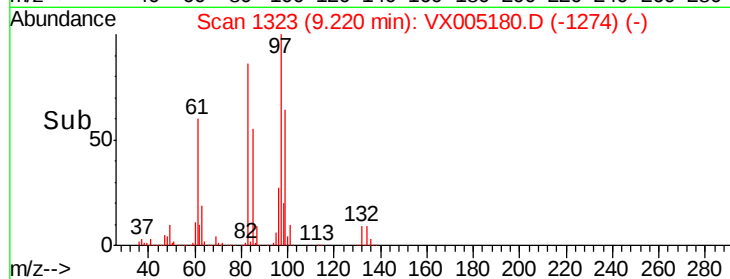
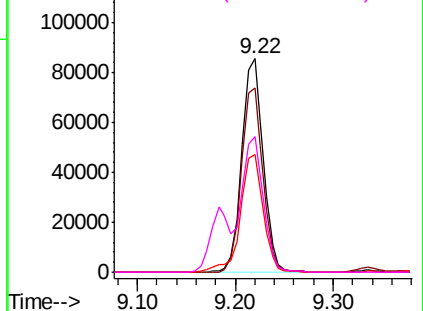
#55
 1,1,2-Trichloroethane
 Concen: 51.565 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	130369
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	55.3	49.9	74.9
99	63.6	48.9	73.3

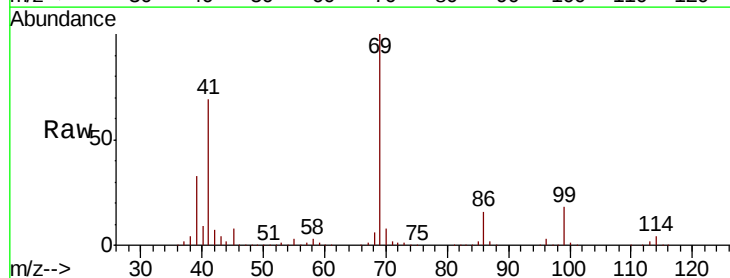


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

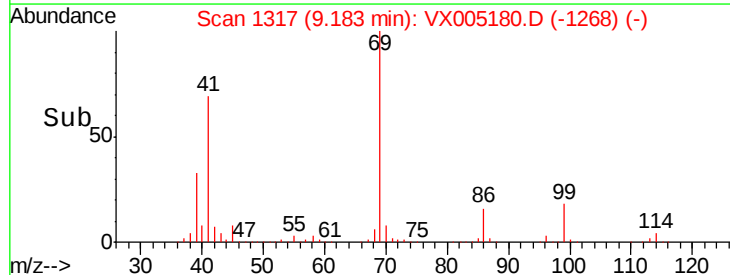
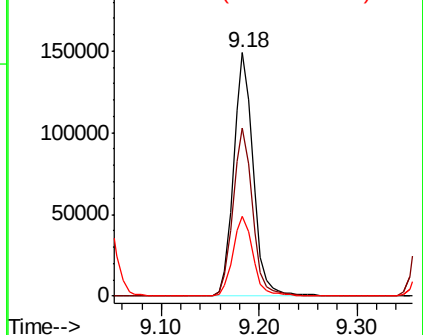


#56
 Ethyl methacrylate
 Concen: 50.485 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion:	69	Resp:	207246
Ion	Ratio	Lower	Upper
69	100		
41	69.6	56.9	85.3
39	33.8	28.4	42.6



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

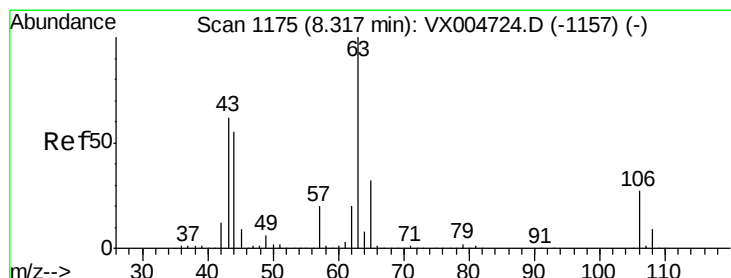
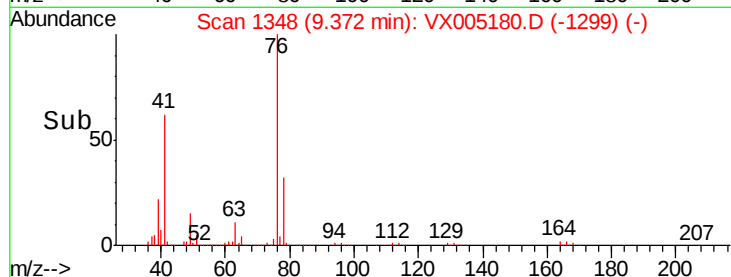
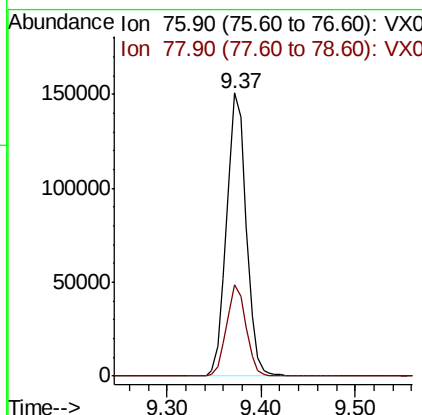
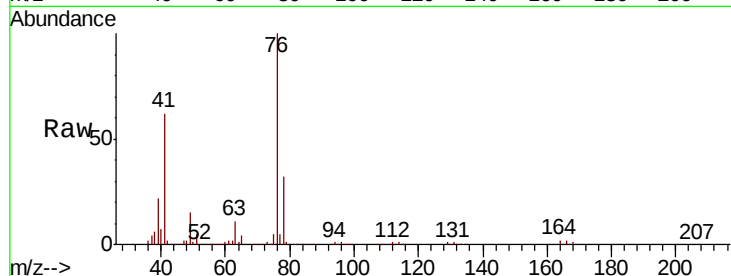




#57
 1,3-Dichloropropane
 Concen: 52.084 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

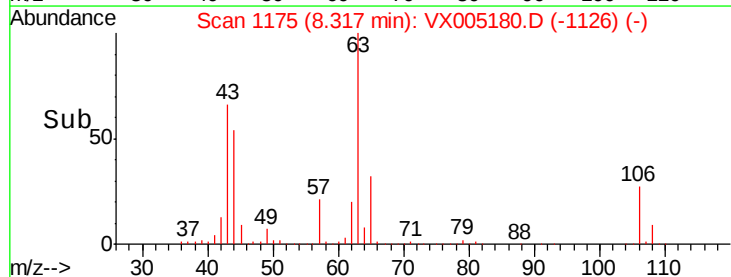
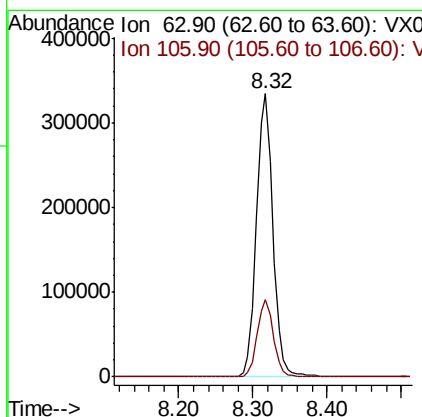
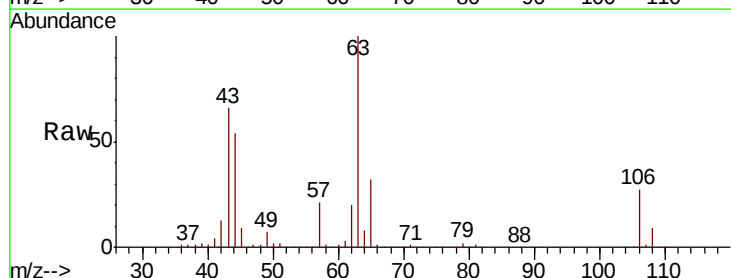
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 219163
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.464 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion: 63 Resp: 522584
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.0 31.6

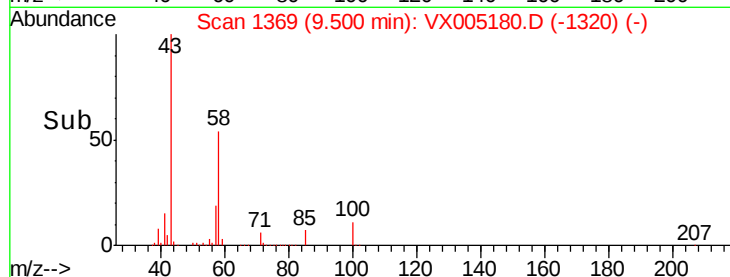
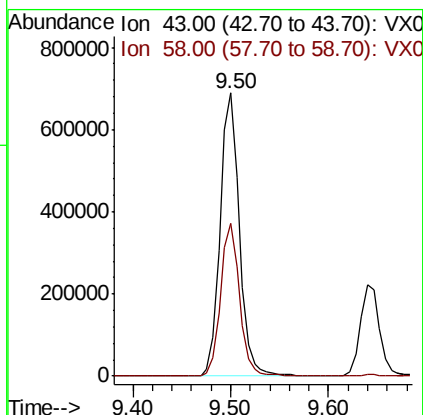
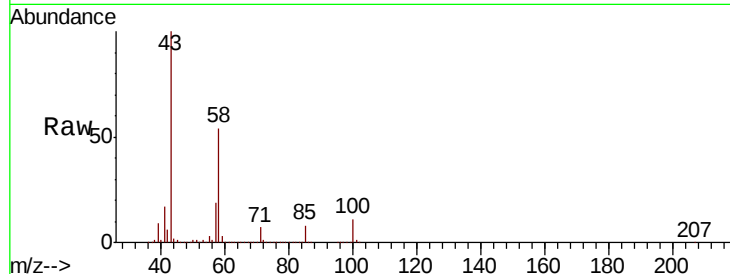




#59
2-Hexanone
Concen: 279.287 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

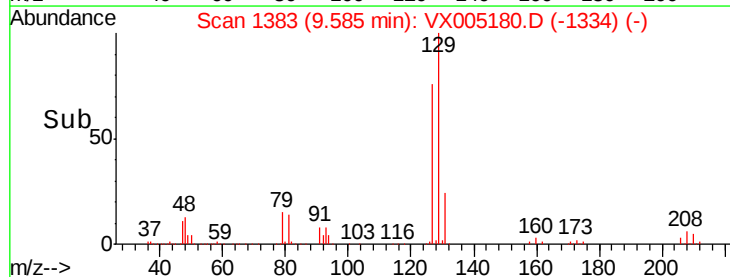
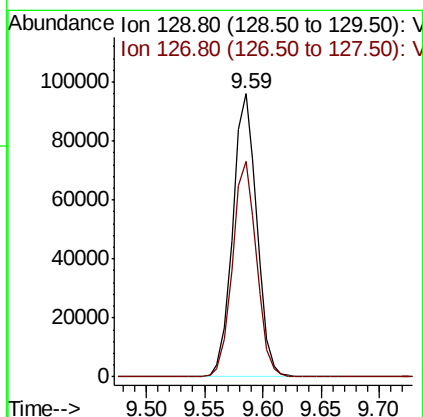
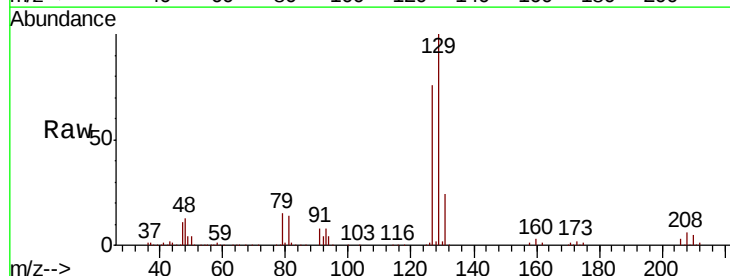
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

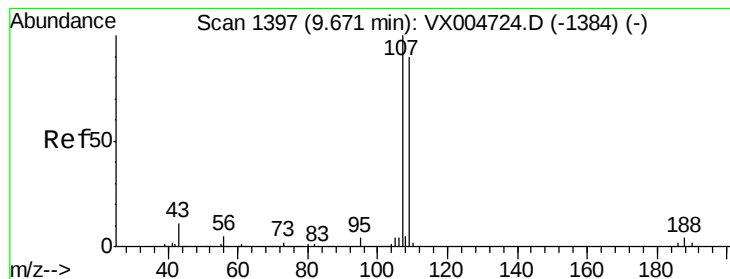
Tot Ion: 43 Resp: 941997
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3



#60
Dibromochloromethane
Concen: 54.740 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion:129 Resp: 138406
Ion Ratio Lower Upper
129 100
127 76.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 51.087 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

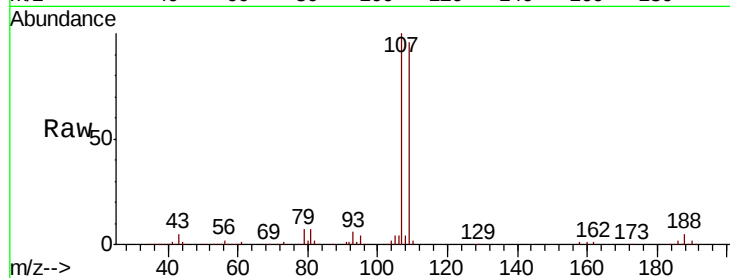
VSTDCCC050EC

Tot Ion:107 Resp: 138326

Ion Ratio Lower Upper

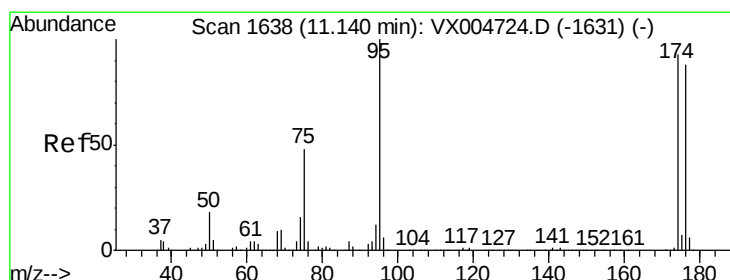
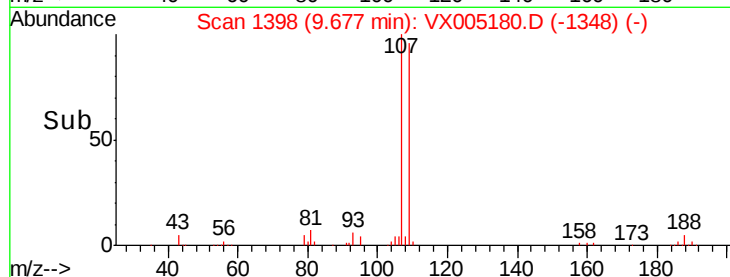
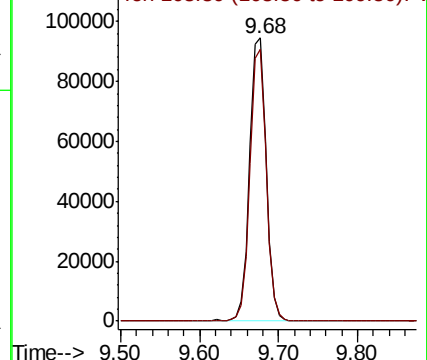
107 100

109 94.7 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: 53.809 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

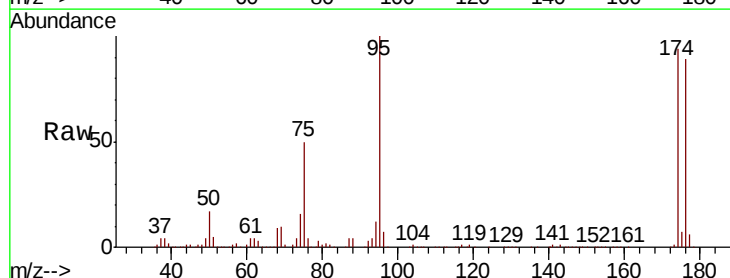
Tgt Ion: 95 Resp: 158480

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.0

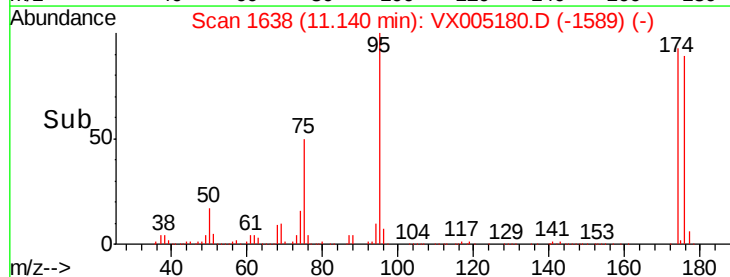
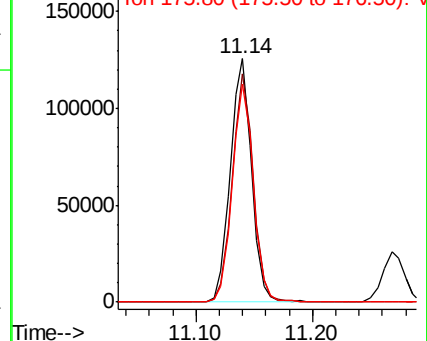
176 89.3 0.0 180.2

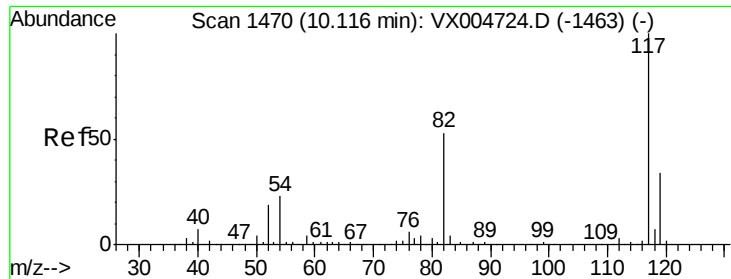


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

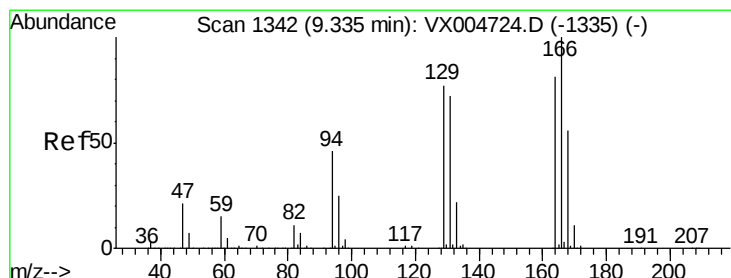
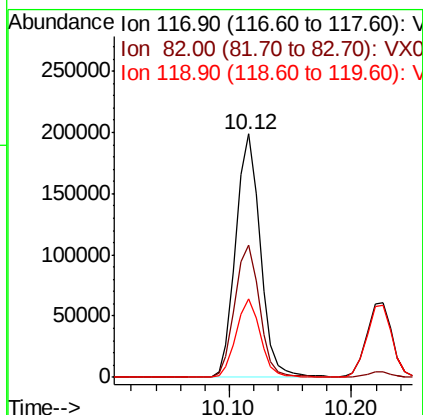
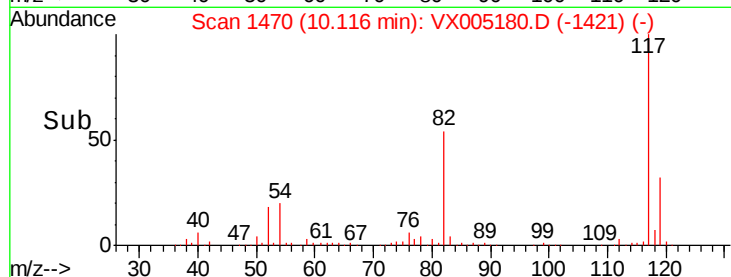
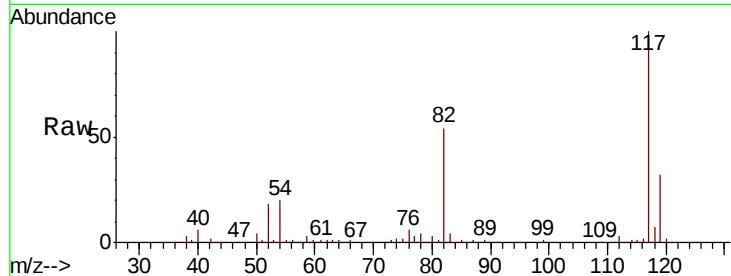




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

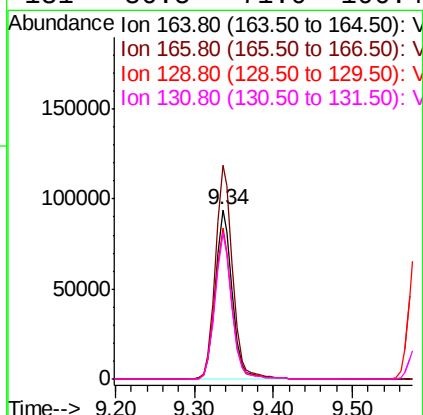
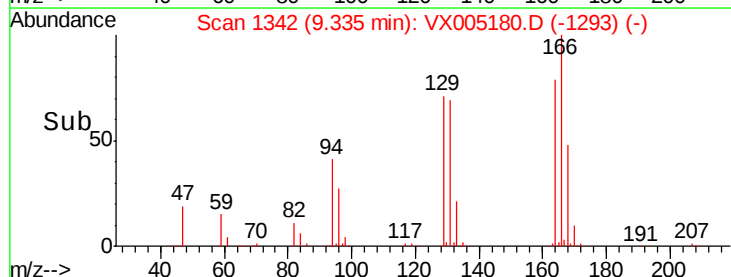
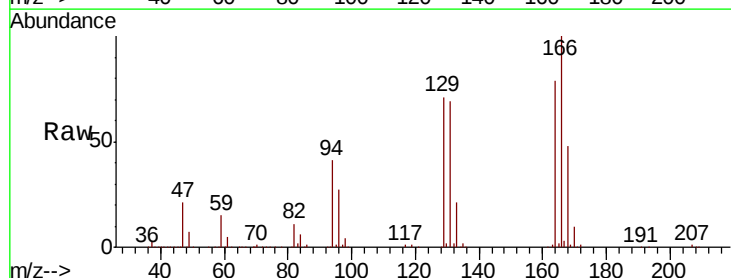
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

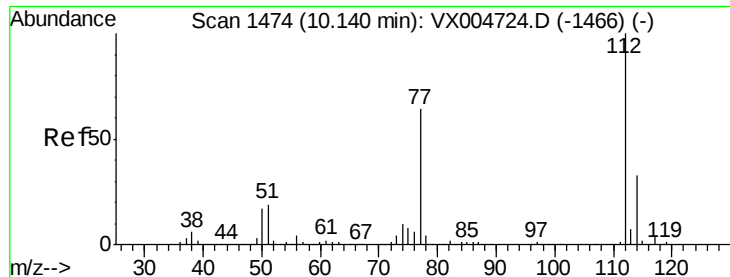
Tot Ion:117 Resp: 276444
Ion Ratio Lower Upper
117 100
82 54.2 42.2 63.4
119 32.3 27.4 41.0



#64
Tetrachloroethene
Concen: 51.609 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion:164 Resp: 140417
Ion Ratio Lower Upper
164 100
166 126.1 98.4 147.6
129 89.0 76.1 114.1
131 86.5 71.0 106.4

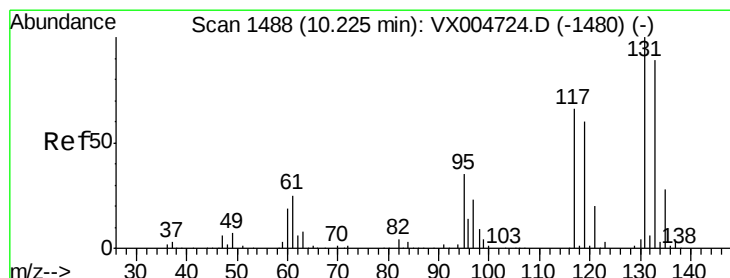
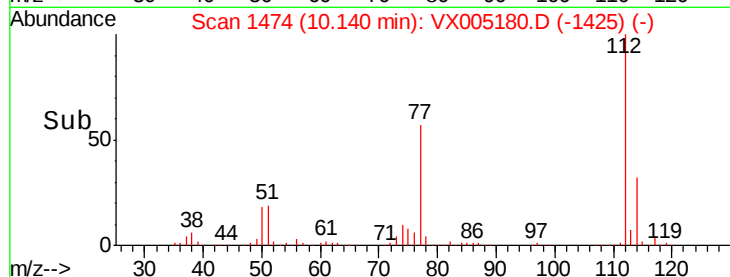
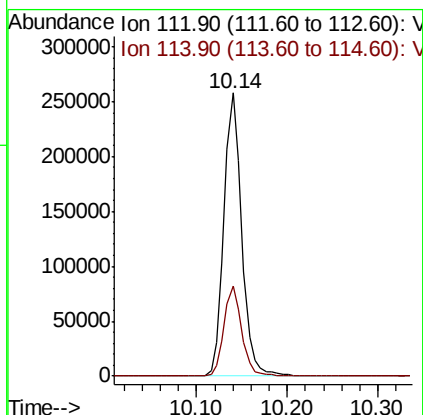
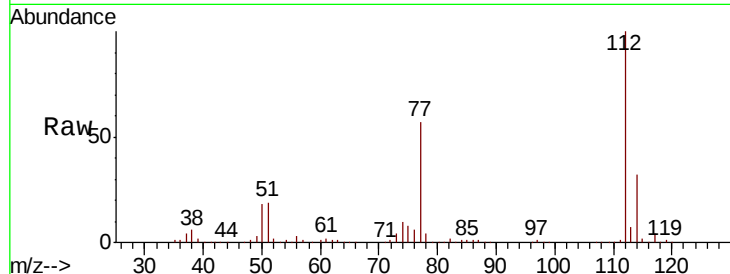




#65
Chlorobenzene
Concen: 50.028 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

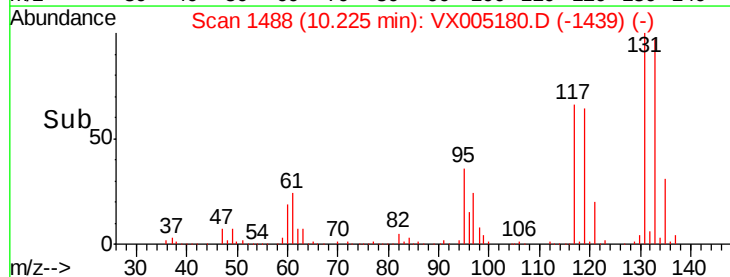
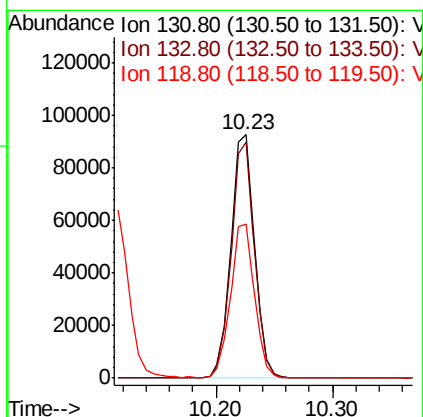
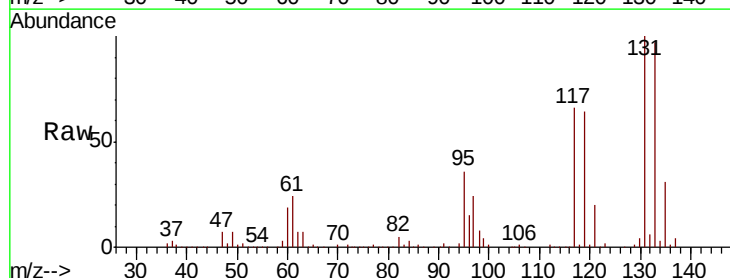
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

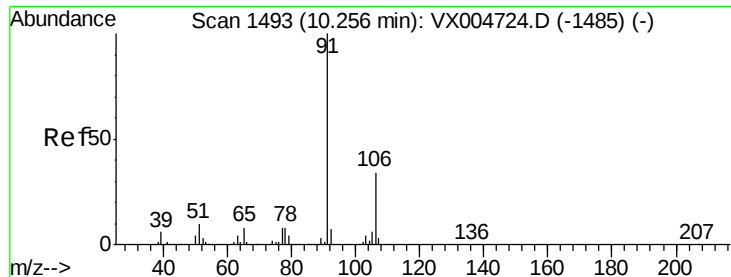
Tot Ion:112 Resp: 354641
Ion Ratio Lower Upper
112 100
114 31.9 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 52.571 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion:131 Resp: 131013
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.0
119 64.5 32.3 96.8

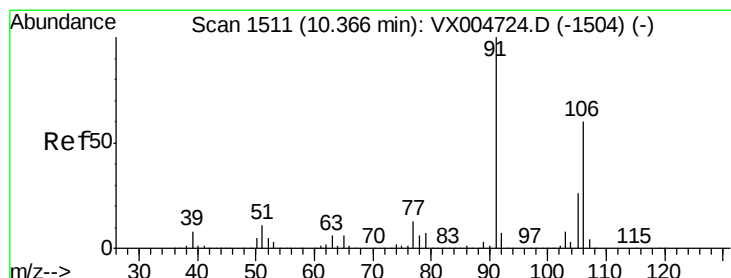
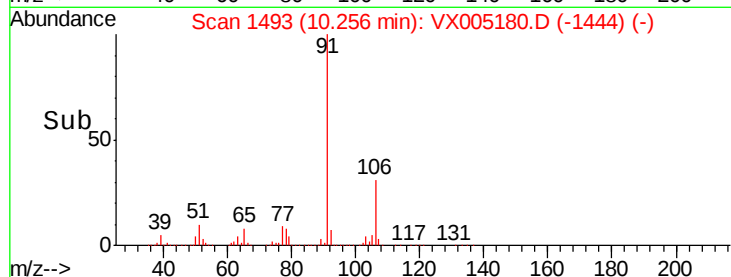
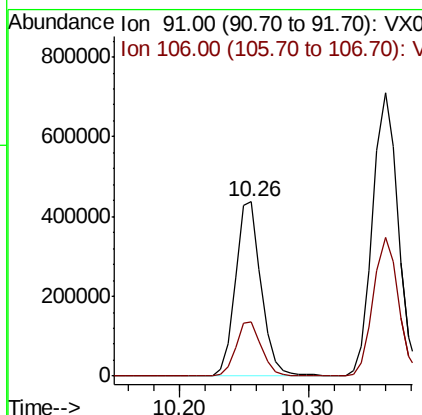
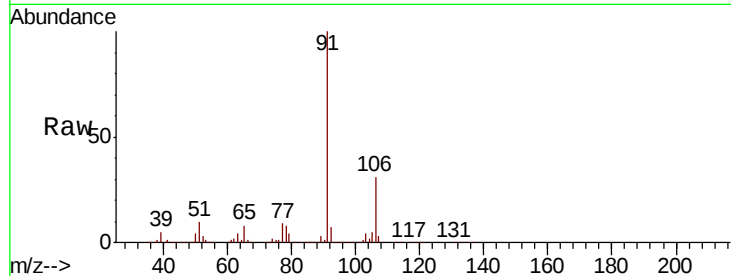




#67
Ethyl Benzene
Concen: 54.196 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

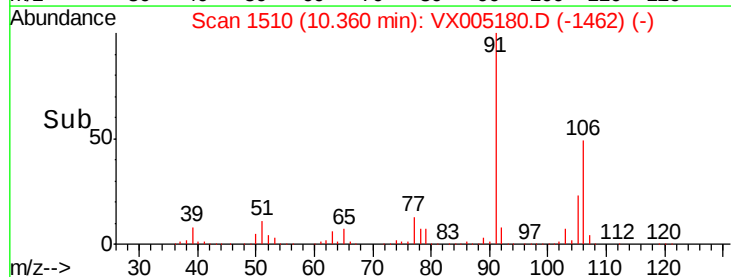
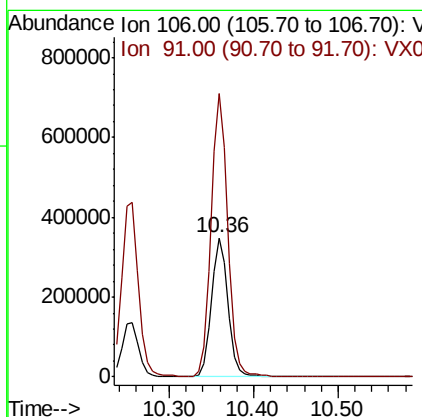
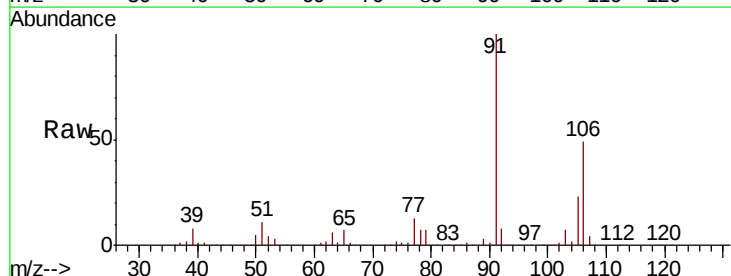
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 609938
Ion Ratio Lower Upper
91 100
106 31.3 26.9 40.3



#68
m/p-Xylenes
Concen: 108.109 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 106 Resp: 475453
Ion Ratio Lower Upper
106 100
91 205.0 157.5 236.3

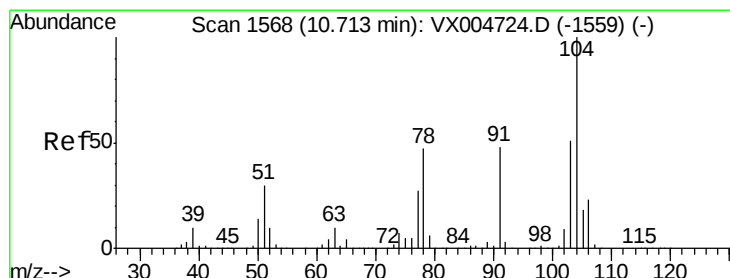
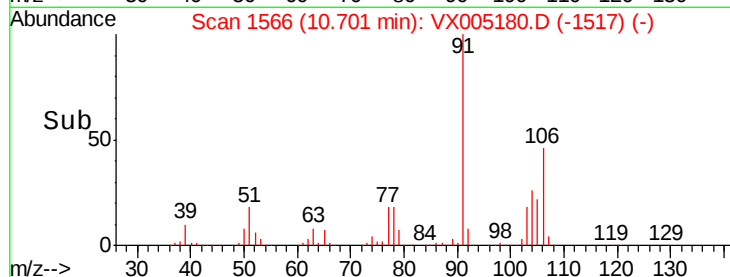
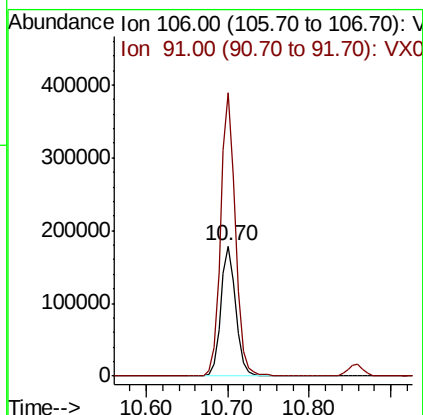
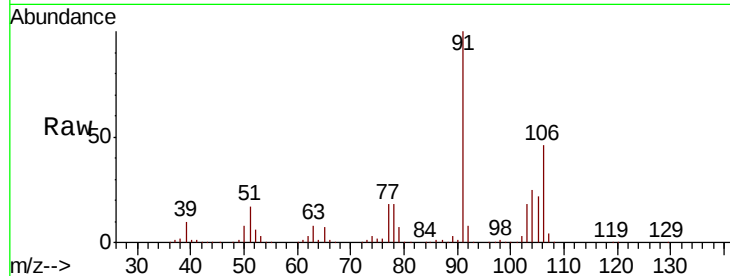




#69
o-Xylene
Concen: 56.497 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

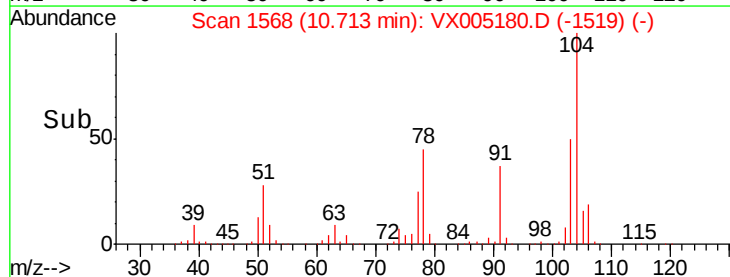
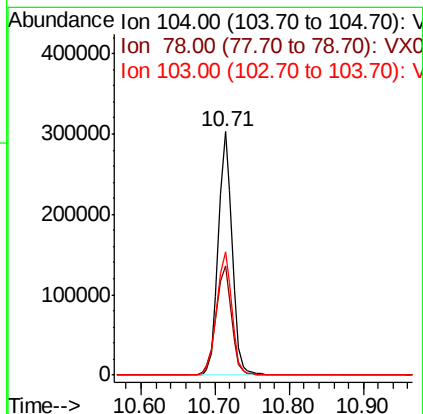
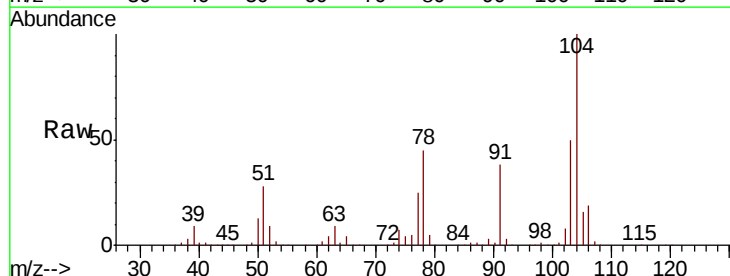
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

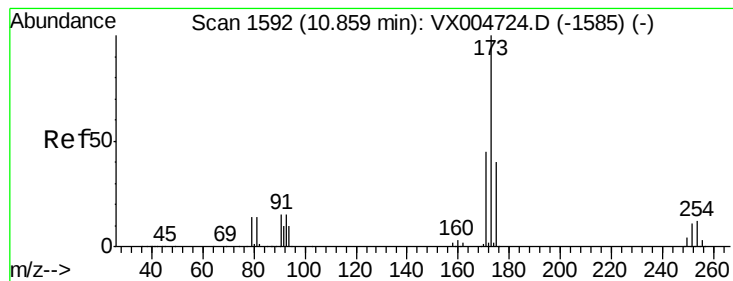
Tot Ion:106 Resp: 228217
Ion Ratio Lower Upper
106 100
91 215.5 108.3 324.8



#70
Styrene
Concen: 51.320 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion:104 Resp: 388170
Ion Ratio Lower Upper
104 100
78 50.4 40.0 60.0
103 55.7 44.3 66.5





#71

Bromoform

Concen: 53.637 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

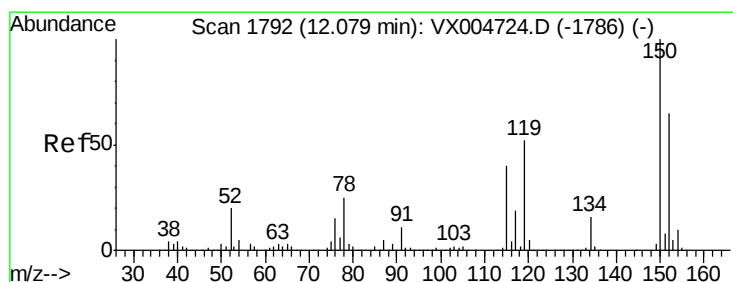
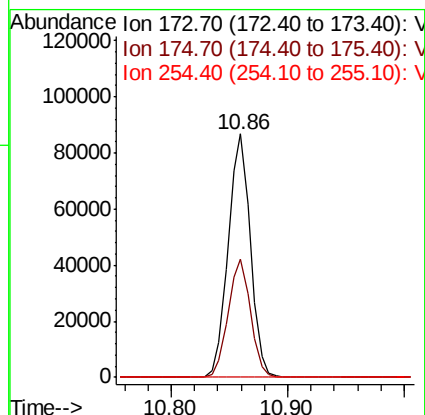
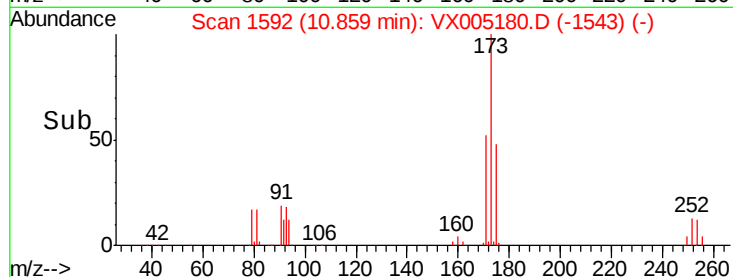
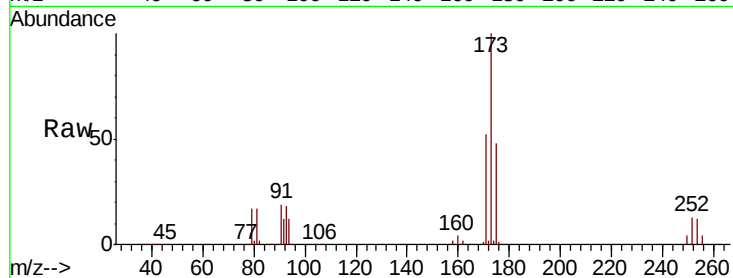
Tot Ion:173 Resp: 114439

Ion Ratio Lower Upper

173 100

175 48.7 23.3 69.8

254 0.2 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

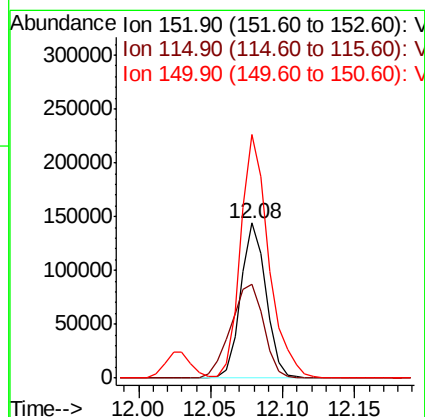
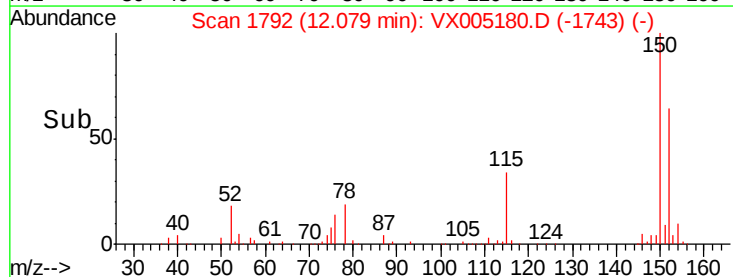
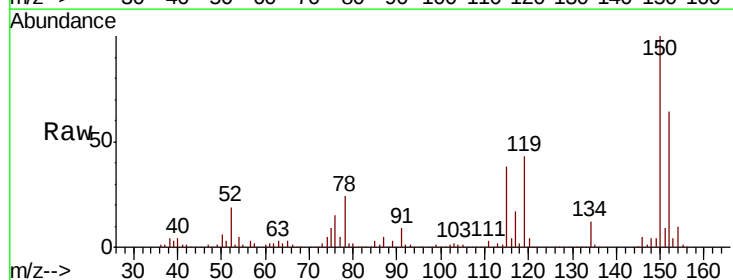
Tgt Ion:152 Resp: 175297

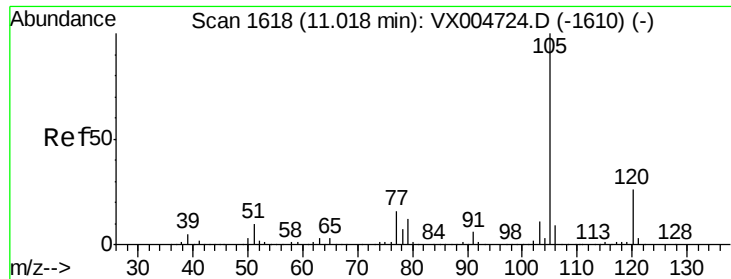
Ion Ratio Lower Upper

152 100

115 79.9 40.2 120.6

150 175.4 0.0 351.0





#73

Isopropylbenzene

Concen: 56.090 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

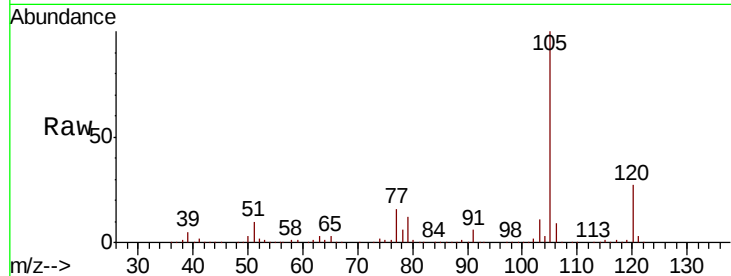
VSTDCCC050EC

Tot Ion: 105 Resp: 619754

Ion Ratio Lower Upper

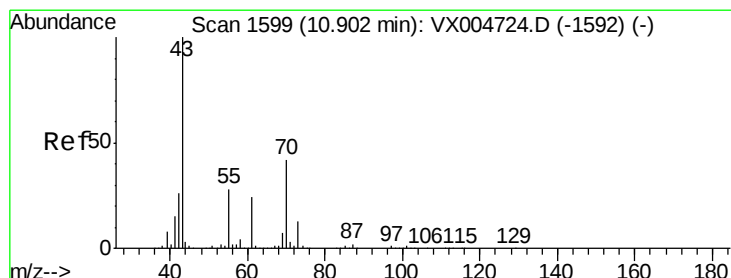
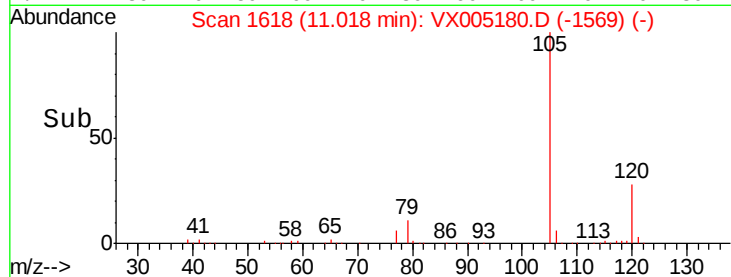
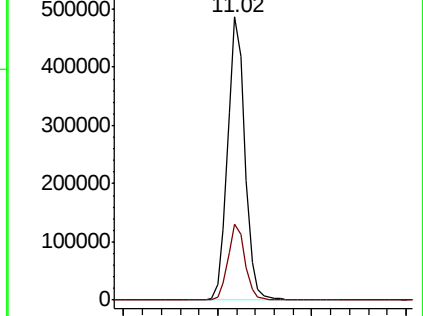
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.204 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Tgt Ion: 43 Resp: 298648

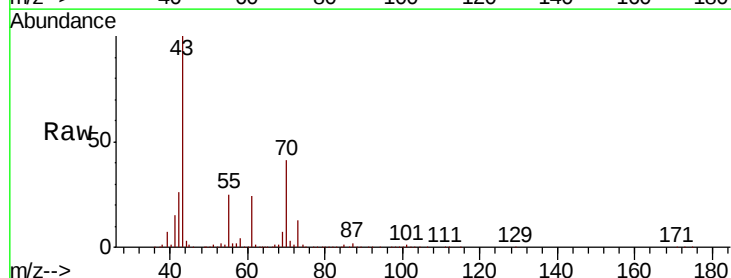
Ion Ratio Lower Upper

43 100

70 40.3 32.6 48.8

55 25.2 21.6 32.4

61 23.5 19.1 28.7

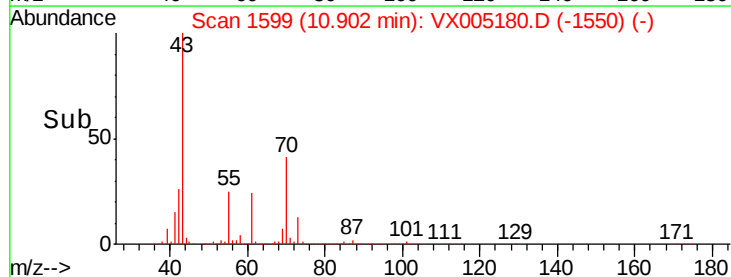
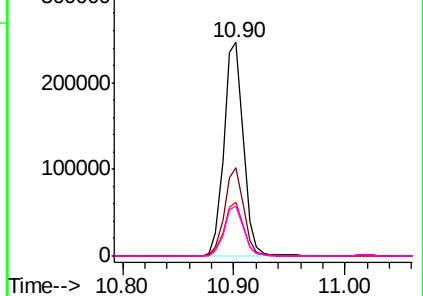


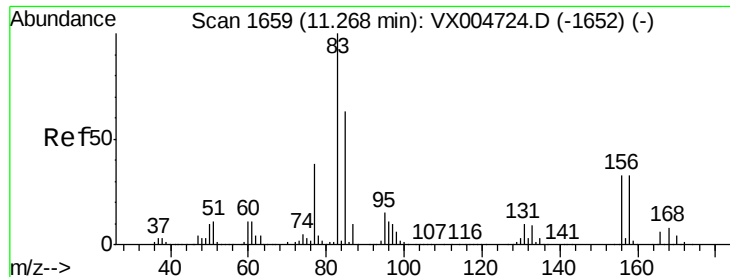
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.451 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

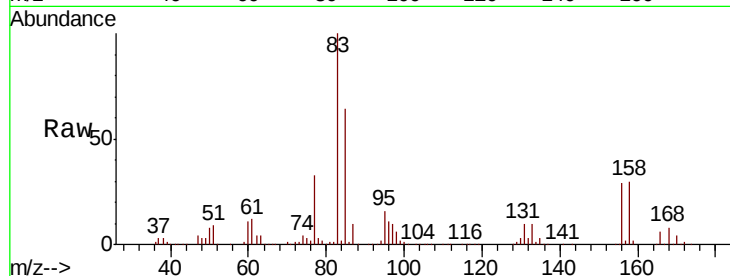
Tot Ion: 83 Resp: 217922

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

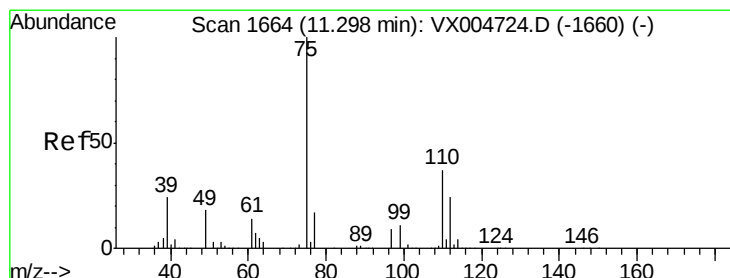
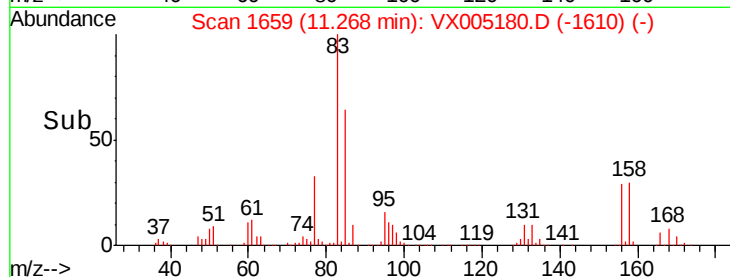
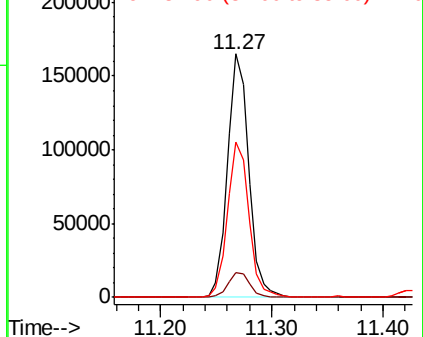
85 64.4 31.9 95.9



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: 63.303 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005180.D

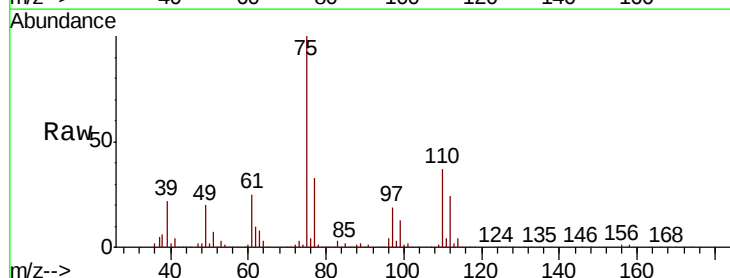
Acq: 10 Oct 2018 00:44

Tgt Ion: 75 Resp: 248720

Ion Ratio Lower Upper

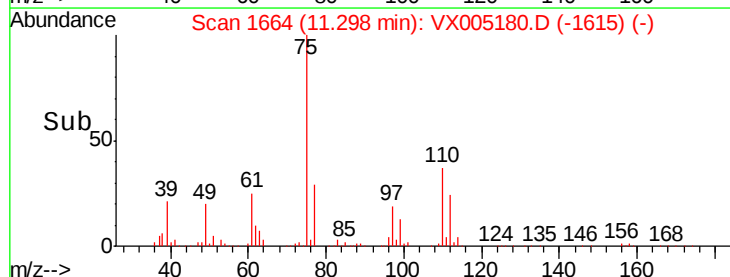
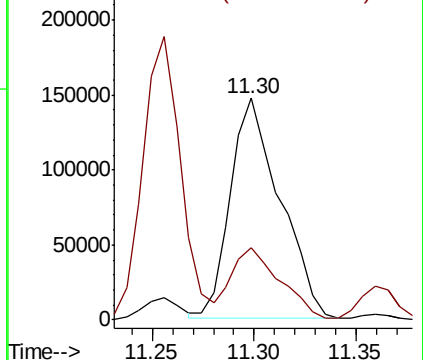
75 100

77 32.6 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: 51.589 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

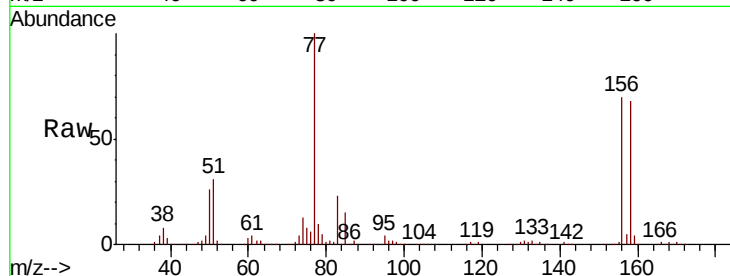
Tot Ion:156 Resp: 165567

Ion Ratio Lower Upper

156 100

77 147.3 73.4 220.2

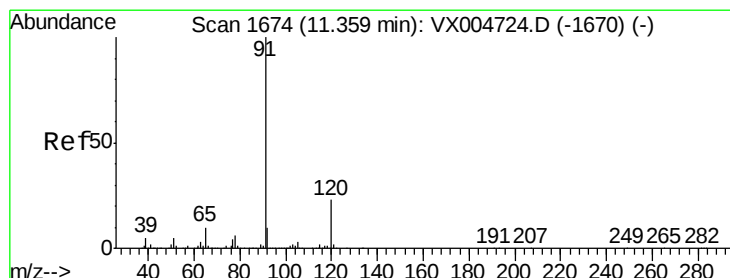
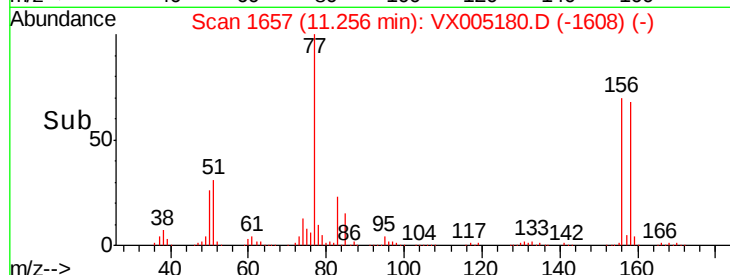
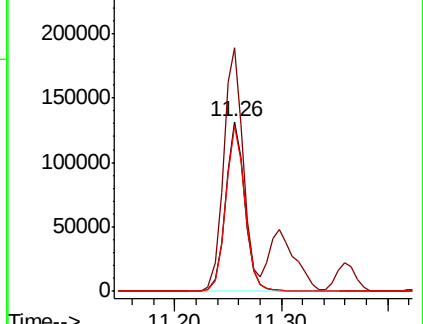
158 98.2 49.1 147.4



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: 56.621 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005180.D

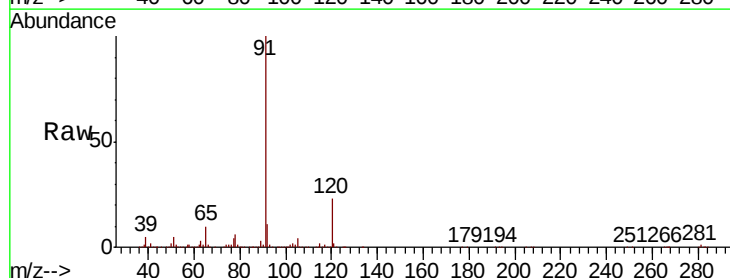
Acq: 10 Oct 2018 00:44

Tgt Ion: 91 Resp: 717820

Ion Ratio Lower Upper

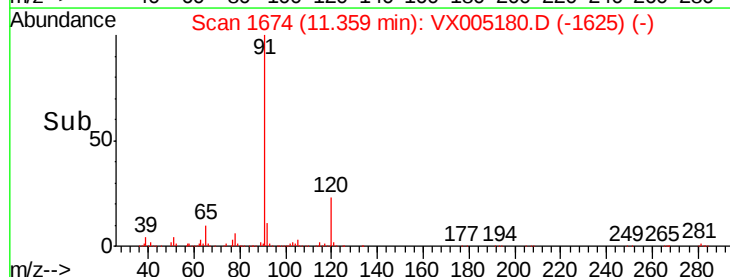
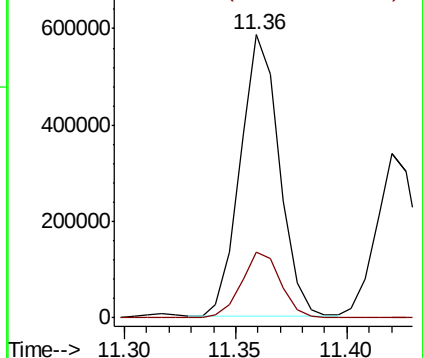
91 100

120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

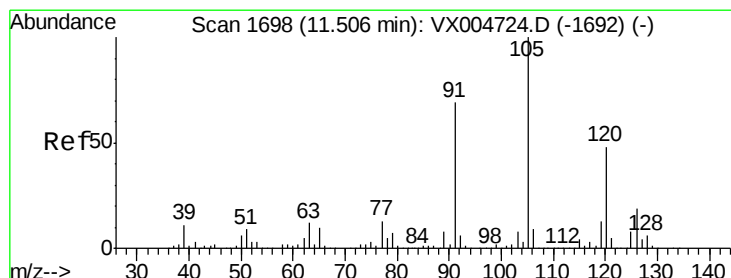
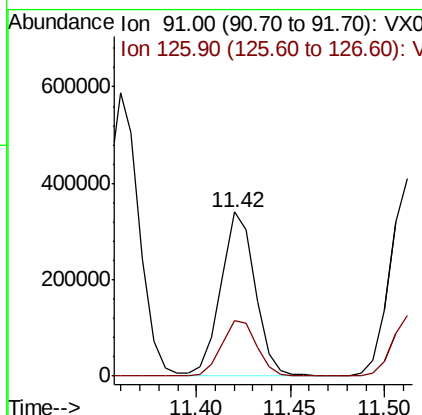
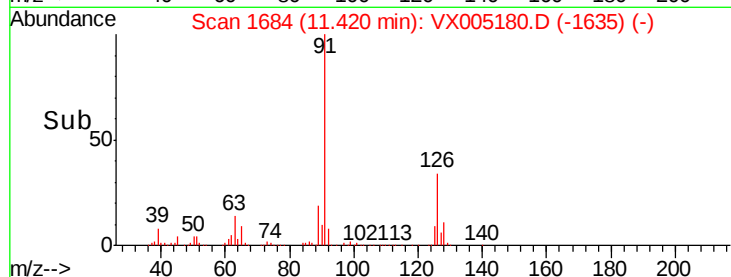
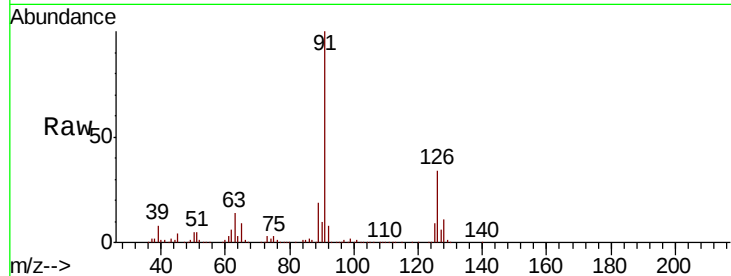




#79
 2-Chlorotoluene
 Concen: 53.907 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

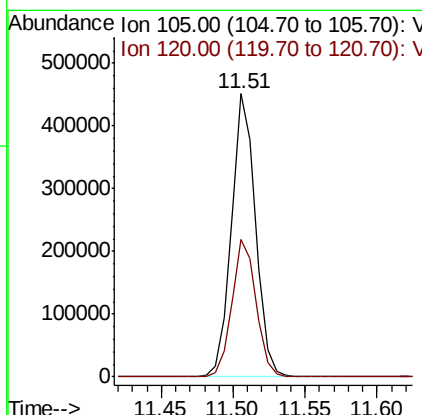
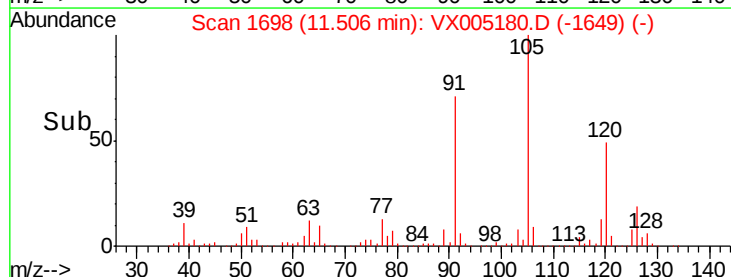
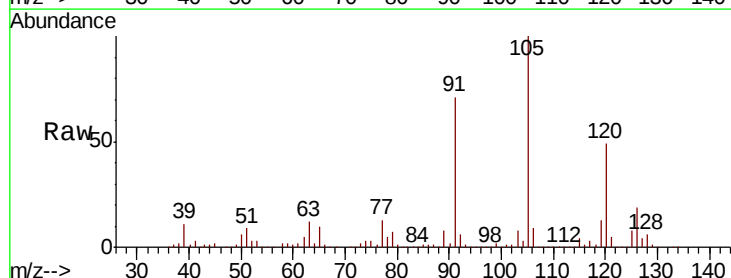
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 425985
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.6 52.9



#80
 1,3,5-Trimethylbenzene
 Concen: 52.456 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion: 105 Resp: 531119
 Ion Ratio Lower Upper
 105 100
 120 48.9 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 40.299 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

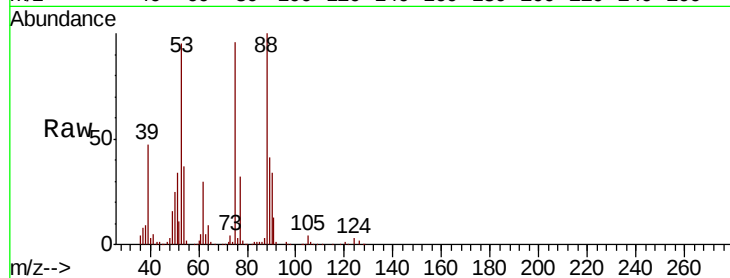
Tot Ion: 75 Resp: 57476

Ion Ratio Lower Upper

75 100

53 97.2 80.2 120.4

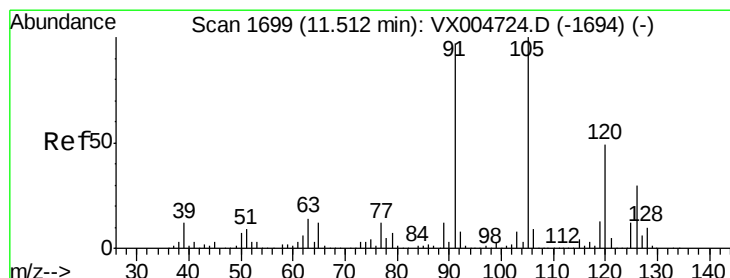
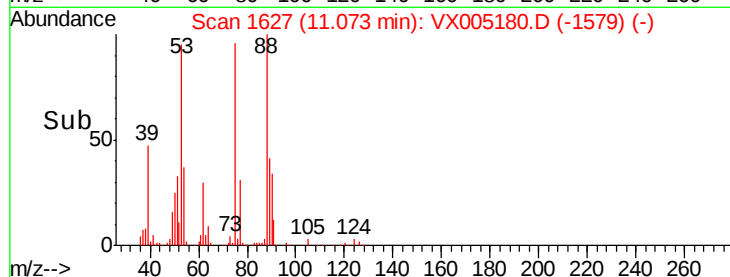
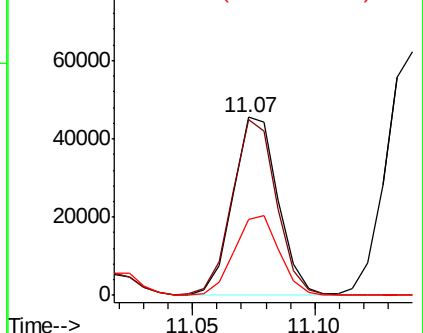
89 45.5 37.1 55.7



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: 54.141 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005180.D

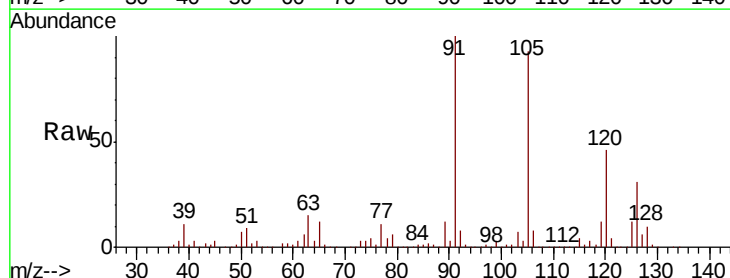
Acq: 10 Oct 2018 00:44

Tgt Ion: 91 Resp: 503578

Ion Ratio Lower Upper

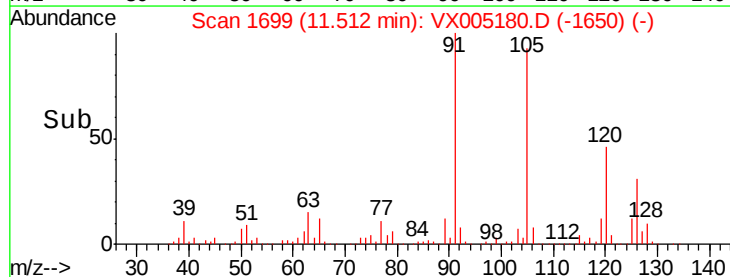
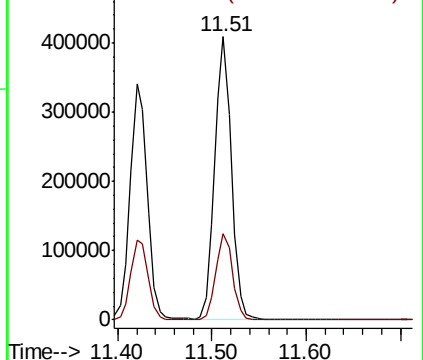
91 100

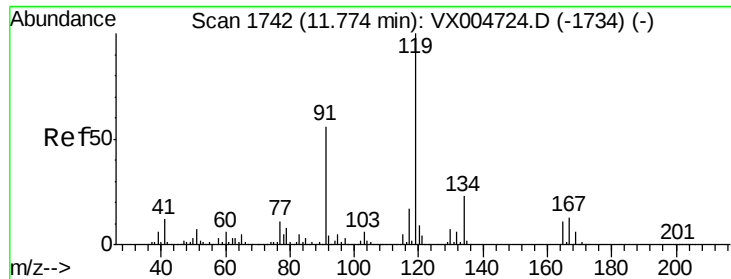
126 30.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

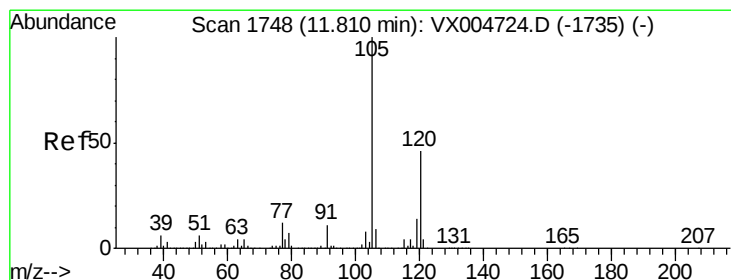
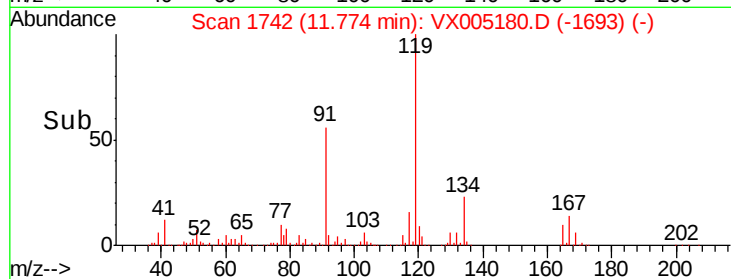
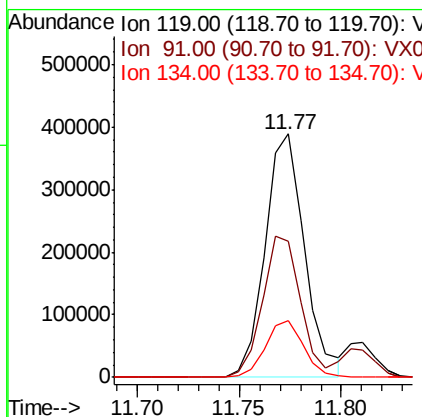
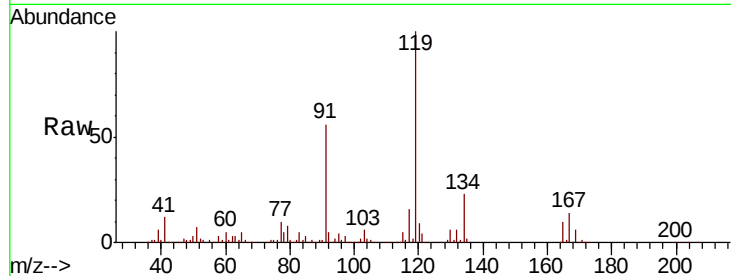




#83
 tert-Butylbenzene
 Concen: 57.734 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

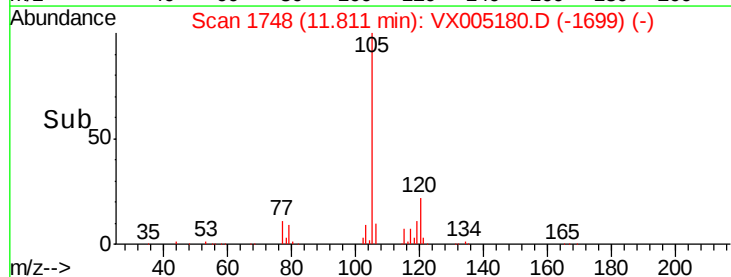
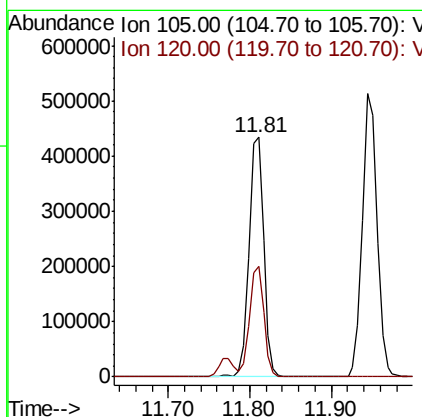
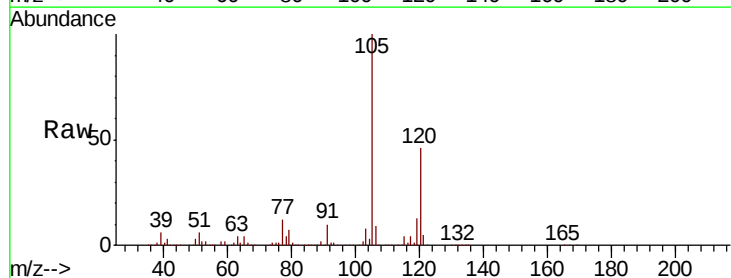
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

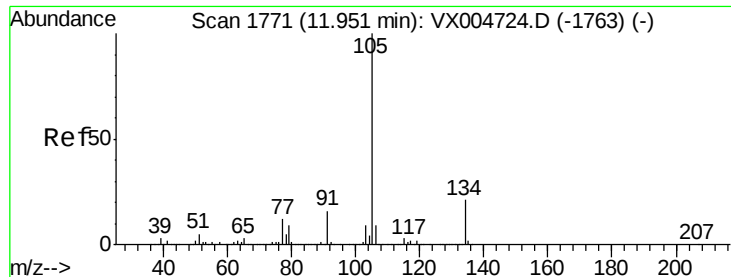
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.1	27.5	82.5
134	22.7	11.5	34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.315 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 57.026 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

Instrument :

MSVOA_X

ClientSampleId :

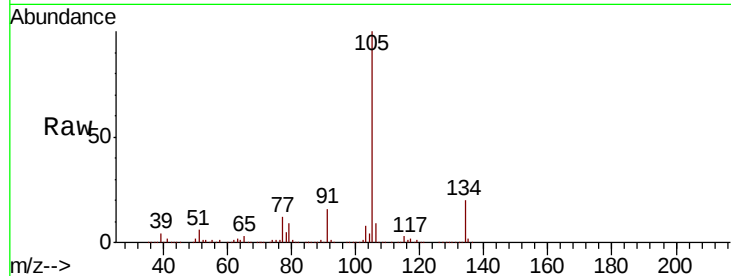
VSTDCCC050EC

Tot Ion:105 Resp: 631885

Ion Ratio Lower Upper

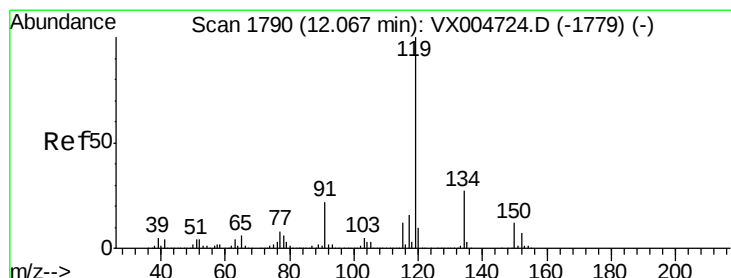
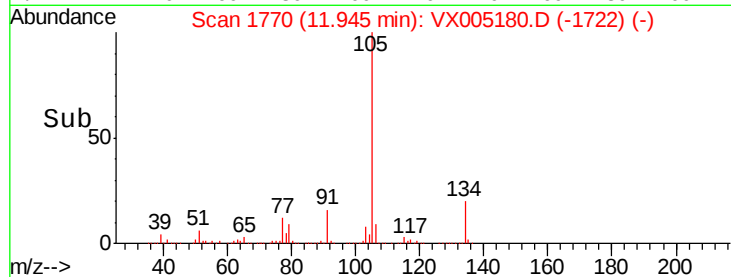
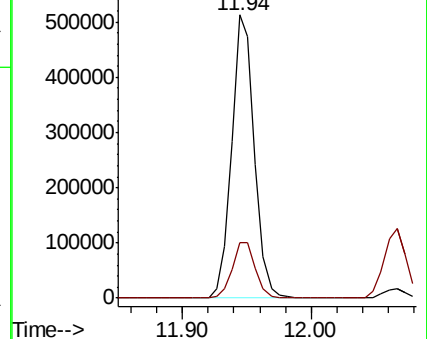
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.773 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005180.D

Acq: 10 Oct 2018 00:44

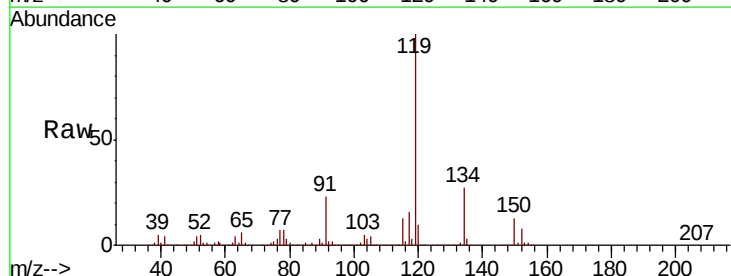
Tgt Ion:119 Resp: 569952

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

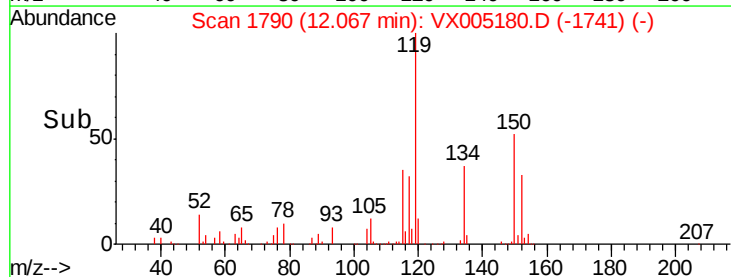
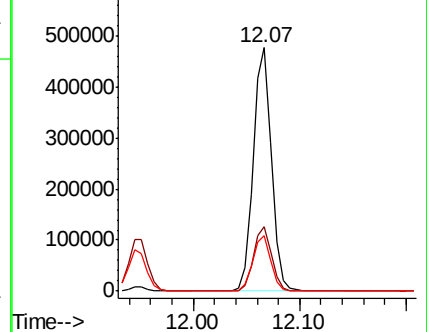
91 22.8 11.5 34.4

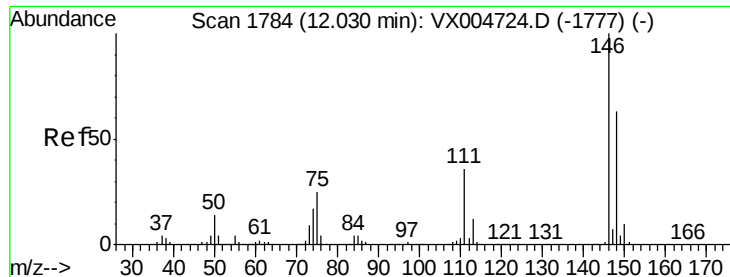


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

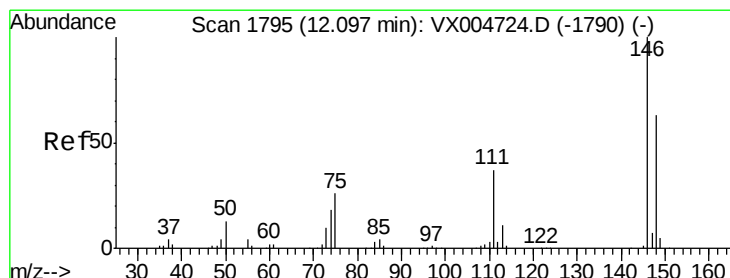
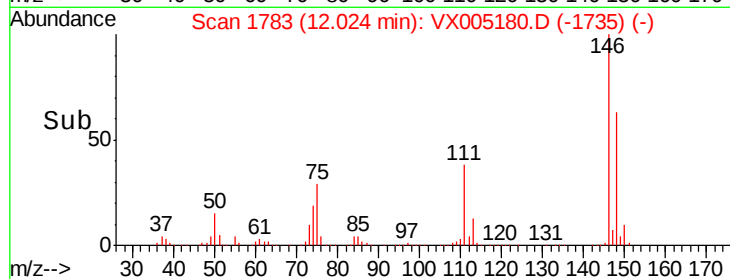
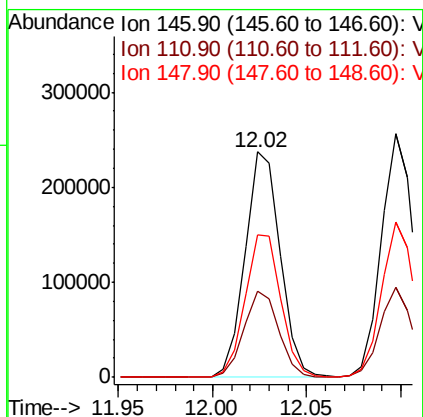
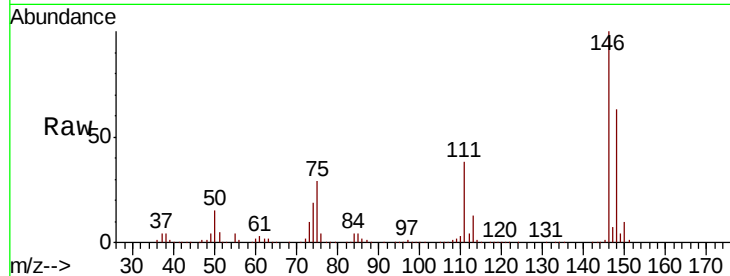




#87
 1,3-Dichlorobenzene
 Concen: 51.302 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

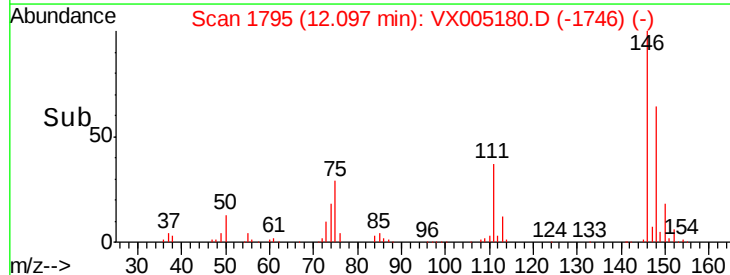
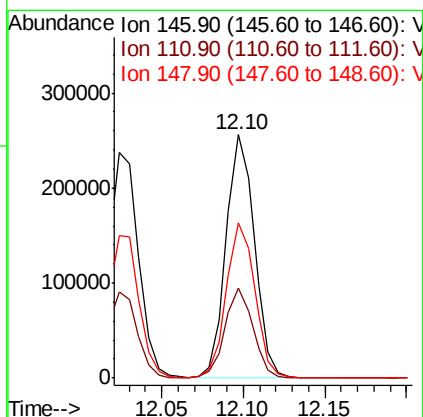
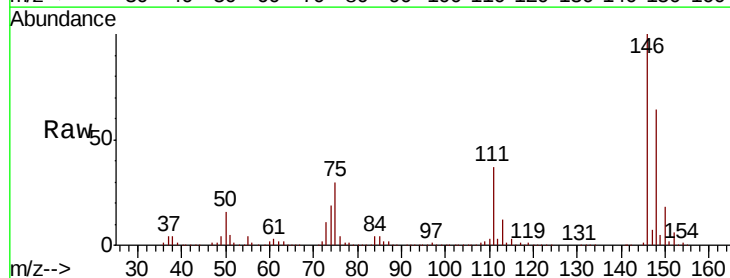
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

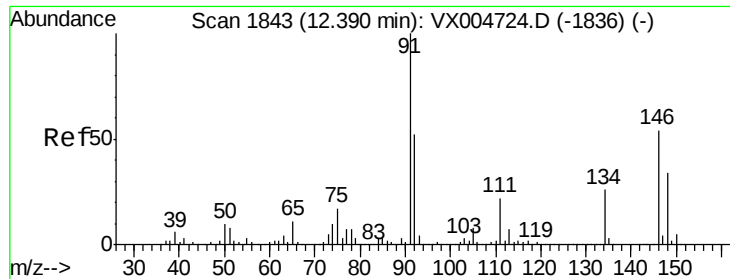
Tot Ion:146 Resp: 307439
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.182 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion:146 Resp: 310442
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.4 55.2
 148 64.5 32.0 96.0

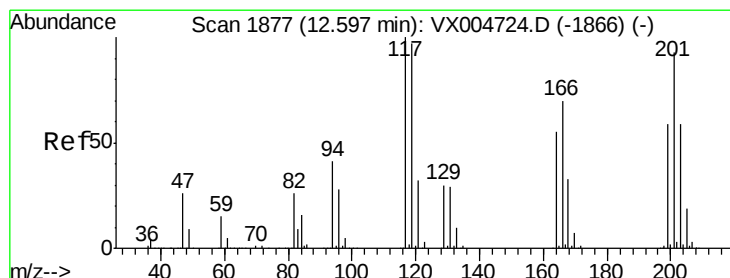
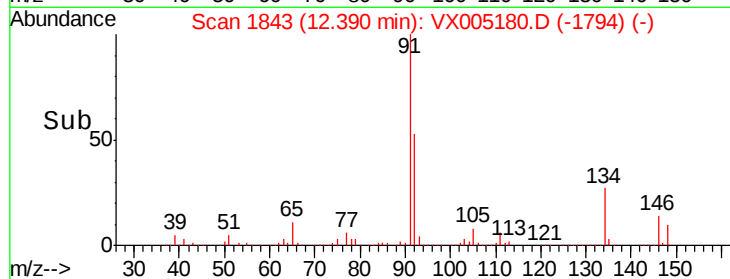
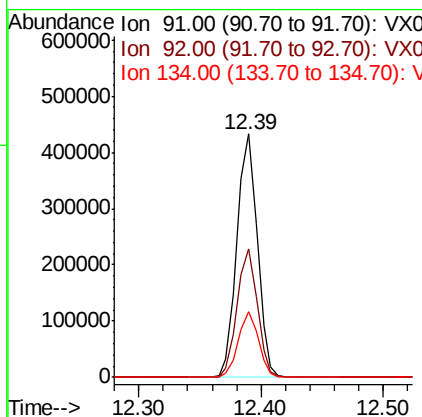
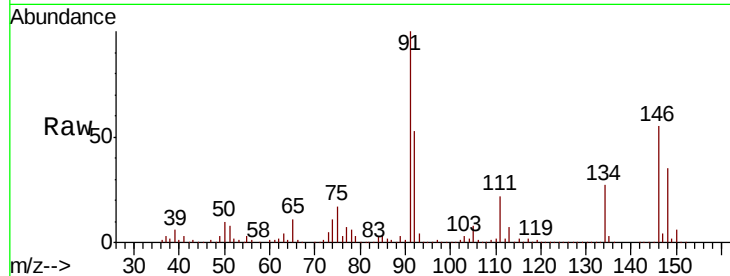




#89
n-Butylbenzene
Concen: 54.623 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

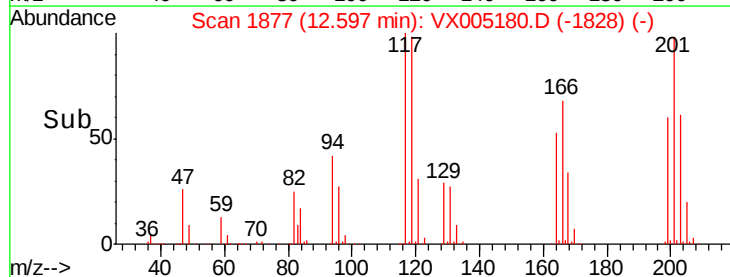
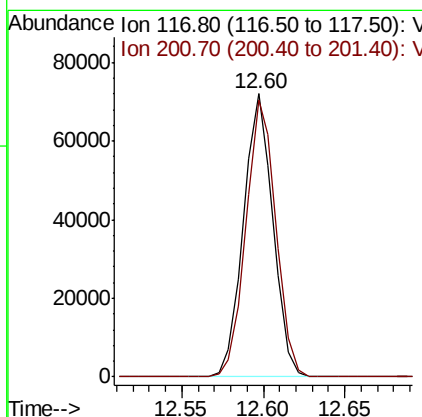
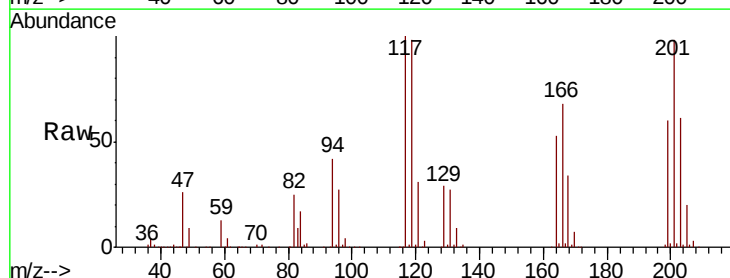
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 498021
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.7 13.2 39.6



#90
Hexachloroethane
Concen: 54.235 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion: 117 Resp: 90653
Ion Ratio Lower Upper
117 100
201 99.3 48.4 145.0

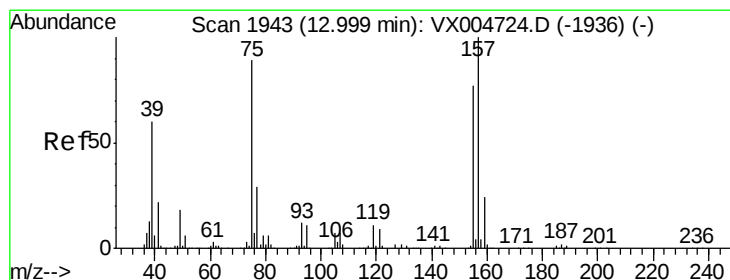
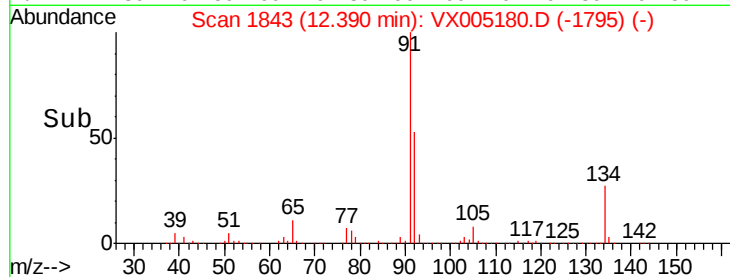
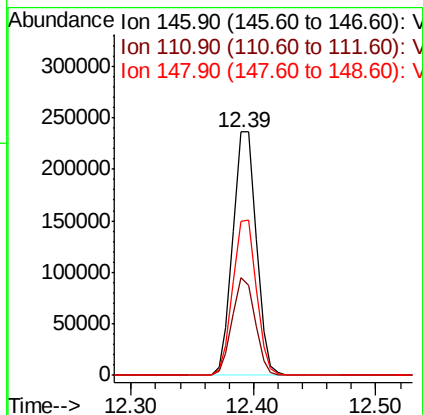
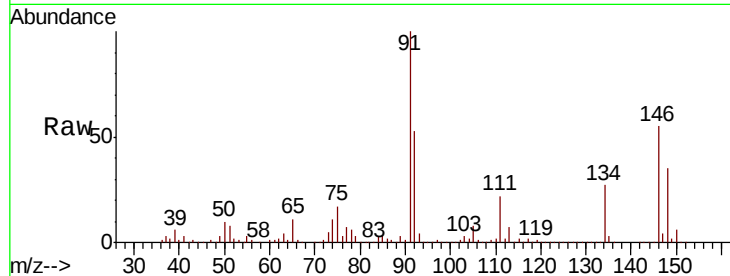




#91
 1,2-Dichlorobenzene
 Concen: 49.911 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

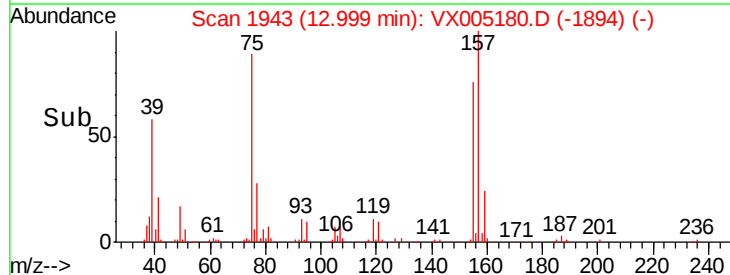
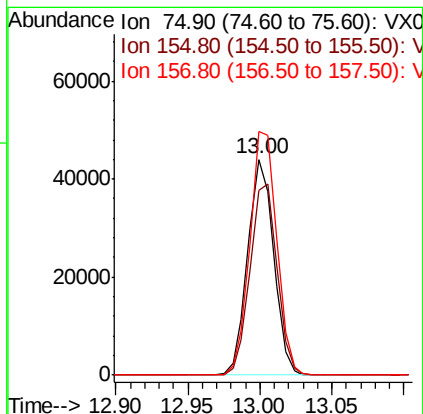
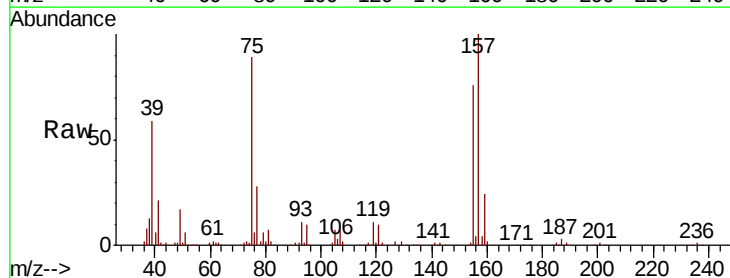
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

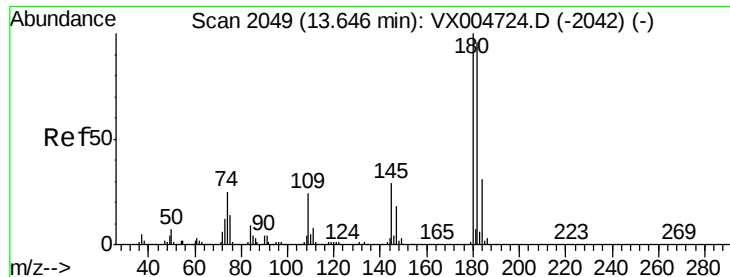
Tot Ion:146 Resp: 312577
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.6 58.7
 148 64.0 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.455 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion: 75 Resp: 54766
 Ion Ratio Lower Upper
 75 100
 155 91.7 46.1 138.3
 157 116.7 60.2 180.6

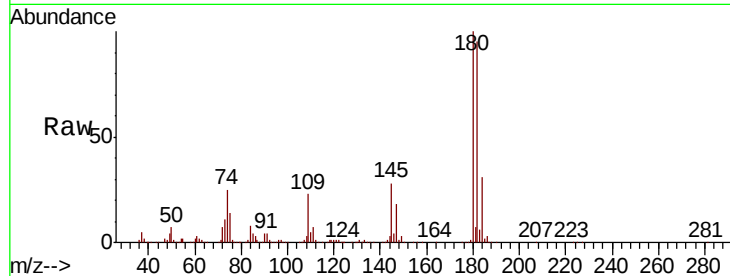




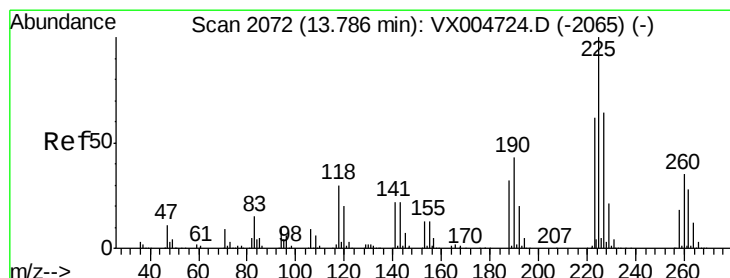
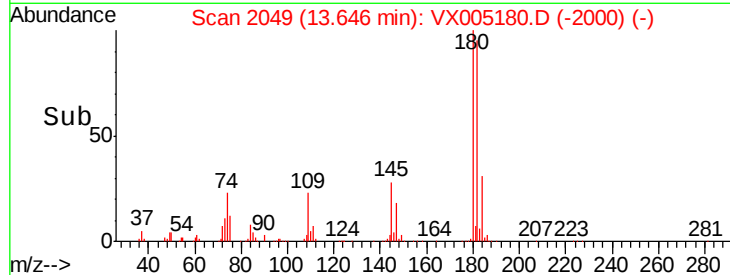
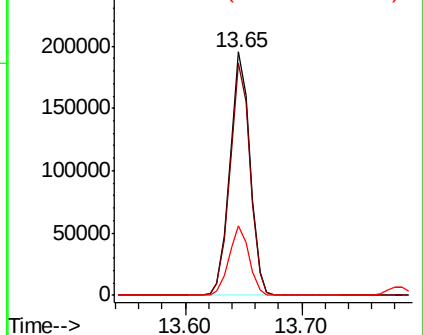
#93
 1,2,4-Trichlorobenzene
 Concen: 53.371 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 234469
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.8 143.4
 145 28.1 14.1 42.4

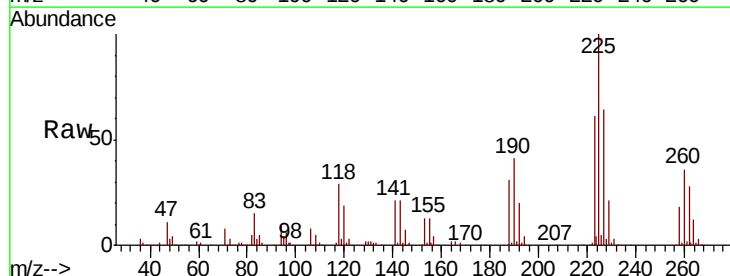


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

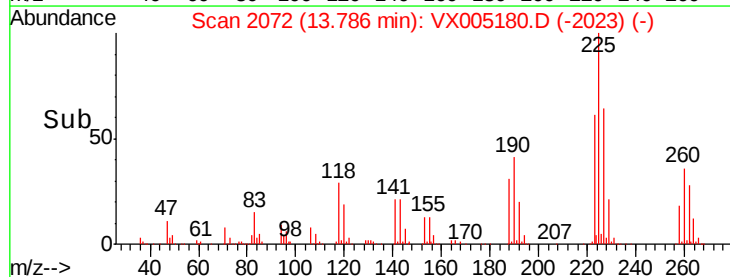
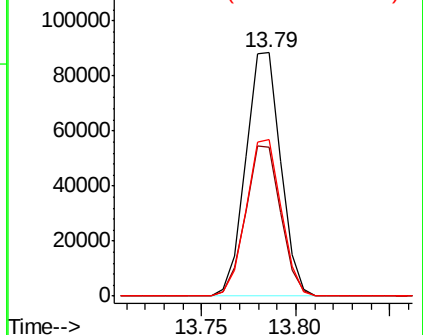


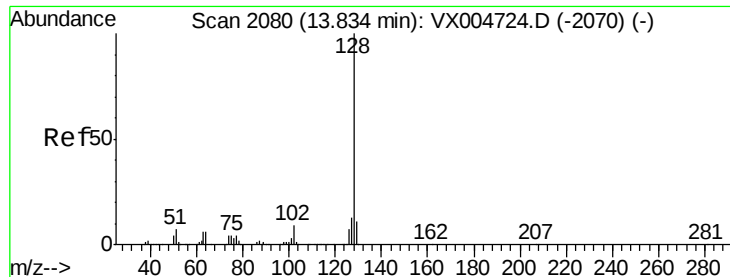
#94
 Hexachlorobutadiene
 Concen: 50.038 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005180.D
 Acq: 10 Oct 2018 00:44

Tgt Ion:225 Resp: 113991
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.3 93.8
 227 64.6 31.9 95.5



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

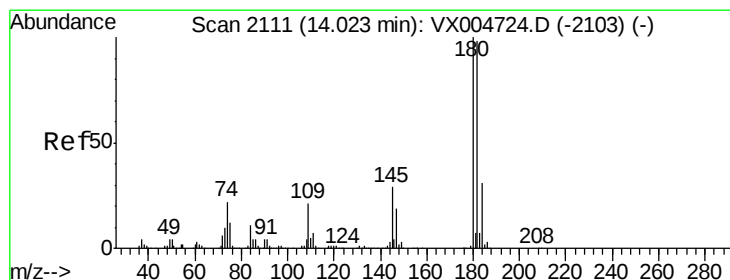
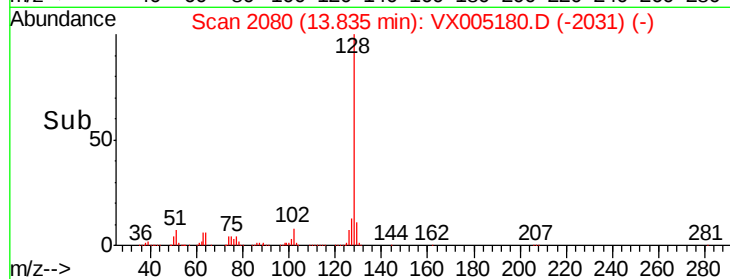
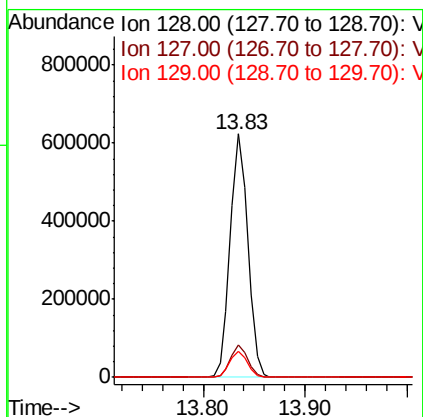
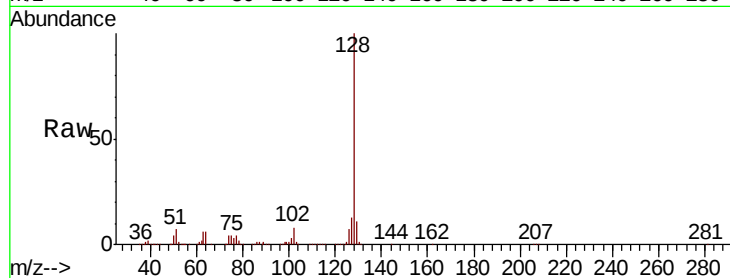




#95
Naphthalene
Concen: 51.186 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 746608
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.828 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX005180.D
Acq: 10 Oct 2018 00:44

Tgt Ion:180 Resp: 244282
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.8
145 29.6 15.0 45.0

