

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005090.D
 Acq On : 06 Oct 2018 01:59
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 06 06:44:44 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	214536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	185342	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	148659	48.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.02%	
35) Dibromofluoromethane	5.50	113	130047	50.49	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	448117	52.34	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.68%	
62) 4-Bromofluorobenzene	11.14	95	169428	54.93	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	109.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	147458	50.411	ug/l	99
3) Chloromethane	1.32	50	162044	45.660	ug/l	98
4) Vinyl Chloride	1.40	62	166942	50.155	ug/l	98
5) Bromomethane	1.64	94	110769	56.120	ug/l	97
6) Chloroethane	1.71	64	97707	54.053	ug/l	95
7) Trichlorofluoromethane	1.92	101	218328	52.984	ug/l	94
8) Diethyl Ether	2.19	74	91953	51.366	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	120619	51.387	ug/l	99
10) Methyl Iodide	2.51	142	149844	47.706	ug/l	93
11) Tert butyl alcohol	3.09	59	231745	270.444	ug/l	98
12) 1,1-Dichloroethene	2.37	96	116532	50.130	ug/l	94
13) Acrolein	2.29	56	74867	122.796	ug/l	98
14) Allyl chloride	2.72	41	265474	52.341	ug/l	96
15) Acrylonitrile	3.15	53	497478	263.722	ug/l	96
16) Acetone	2.45	43	458679	256.360	ug/l	99
17) Carbon Disulfide	2.56	76	316989	45.381	ug/l	100
18) Methyl Acetate	2.78	43	306527	67.619	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	460043	57.375	ug/l	92
20) Methylene Chloride	2.85	84	136459	52.498	ug/l #	83
21) trans-1,2-Dichloroethene	3.16	96	124253	48.829	ug/l	89
22) Diisopropyl ether	3.87	45	472972	55.378	ug/l #	95
23) Vinyl Acetate	3.83	43	2052400	262.525	ug/l	100
24) 1,1-Dichloroethane	3.69	63	254792	50.011	ug/l	99
25) 2-Butanone	4.71	43	691540	262.211	ug/l	93
26) 2,2-Dichloropropane	4.58	77	142637	40.205	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	145092	51.040	ug/l	95
28) Bromochloromethane	5.01	49	123176	51.341	ug/l	98
29) Tetrahydrofuran	5.16	42	461757	281.697	ug/l	98
30) Chloroform	5.21	83	241528	50.162	ug/l	100
31) Cyclohexane	5.57	56	204388	52.416	ug/l #	81
32) 1,1,1-Trichloroethane	5.49	97	208979	53.144	ug/l	94
36) 1,1-Dichloropropene	5.80	75	172000	48.947	ug/l	95
37) Ethyl Acetate	4.86	43	240687	51.599	ug/l	99
38) Carbon Tetrachloride	5.78	117	177084	47.940	ug/l	93

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 ClientSampleId :
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Quant Time: Oct 06 06:44:44 2018
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 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	188807	52.619	ug/l #	86
40) Benzene	6.14	78	538341	48.934	ug/l	95
41) Methacrylonitrile	5.06	41	138980	53.726	ug/l	97
42) 1,2-Dichloroethane	6.20	62	190578	49.003	ug/l	98
43) Isopropyl Acetate	6.46	43	359011	53.325	ug/l	98
44) Trichloroethene	7.21	130	137752	50.935	ug/l	95
45) 1,2-Dichloropropane	7.52	63	140278	51.996	ug/l	98
46) Dibromomethane	7.66	93	89897	53.021	ug/l	99
47) Bromodichloromethane	7.90	83	174020	54.819	ug/l	97
48) Methyl methacrylate	7.78	41	179789	58.835	ug/l	100
49) 1,4-Dioxane	7.76	88	80595	1061.609	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1232037	290.636	ug/l	99
52) Toluene	8.79	92	317967	52.600	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	187336	52.223	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	202772	53.967	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	136684	51.619	ug/l	96
56) Ethyl methacrylate	9.18	69	215752	50.199	ug/l	97
57) 1,3-Dichloropropane	9.37	76	227101	51.532	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	578147	253.206	ug/l	99
59) 2-Hexanone	9.50	43	988548	279.842	ug/l	95
60) Dibromochloromethane	9.59	129	140918	53.214	ug/l	100
61) 1,2-Dibromoethane	9.68	107	140936	49.699	ug/l	95
64) Tetrachloroethene	9.34	164	149115	51.287	ug/l	95
65) Chlorobenzene	10.14	112	362344	47.833	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	134346	50.447	ug/l	99
67) Ethyl Benzene	10.26	91	618927	51.463	ug/l	96
68) m/p-Xylenes	10.36	106	480935	102.335	ug/l	95
69) o-Xylene	10.70	106	232047	53.757	ug/l	99
70) Styrene	10.71	104	395934	49.083	ug/l	99
71) Bromoform	10.86	173	117885	51.705	ug/l	97
73) Isopropylbenzene	11.02	105	634941	54.350	ug/l	100
74) N-amyl acetate	10.90	43	313075	48.800	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	226615	47.653	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	261589	62.970	ug/l	86
77) Bromobenzene	11.26	156	169394	49.921	ug/l	100
78) n-propylbenzene	11.36	91	726040	54.165	ug/l	99
79) 2-Chlorotoluene	11.42	91	436786	52.278	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	540835	50.513	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61147	40.537	ug/l	99
82) 4-Chlorotoluene	11.51	91	515472	52.416	ug/l	99
83) tert-Butylbenzene	11.77	119	529958	55.098	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	558293	50.562	ug/l	99
85) sec-Butylbenzene	11.94	105	650500	55.524	ug/l	100
86) p-Isopropyltoluene	12.07	119	581905	54.822	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	314085	49.570	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	320270	48.965	ug/l	99
89) n-Butylbenzene	12.39	91	511977	53.110	ug/l	99
90) Hexachloroethane	12.60	117	93364	52.829	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	321607	48.570	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55929	53.564	ug/l	99

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	243783	52.484	ug/l	99
94) Hexachlorobutadiene	13.79	225	120341	49.962	ug/l	100
95) Naphthalene	13.83	128	782003	50.714	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251678	52.452	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: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

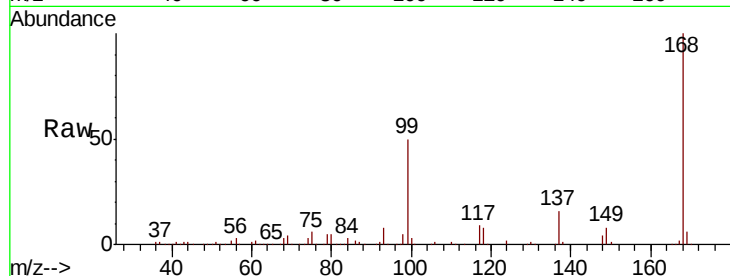
VSTDCCC050EC

Tot Ion:168 Resp: 214536

Ion Ratio Lower Upper

168 100

99 49.5 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

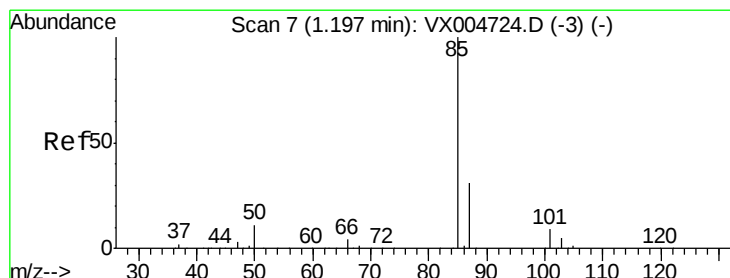
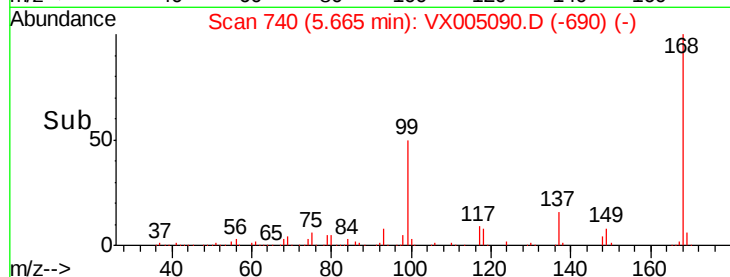
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.411 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005090.D

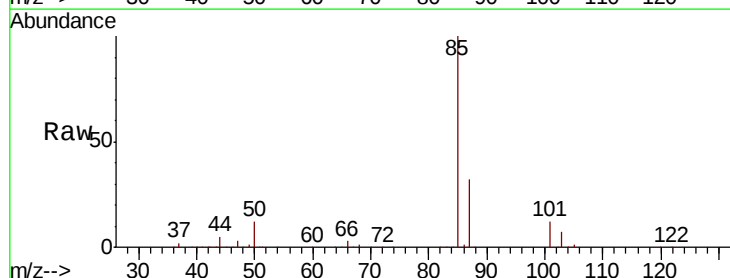
Acq: 06 Oct 2018 01:59

Tgt Ion: 85 Resp: 147458

Ion Ratio Lower Upper

85 100

87 32.1 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

150000

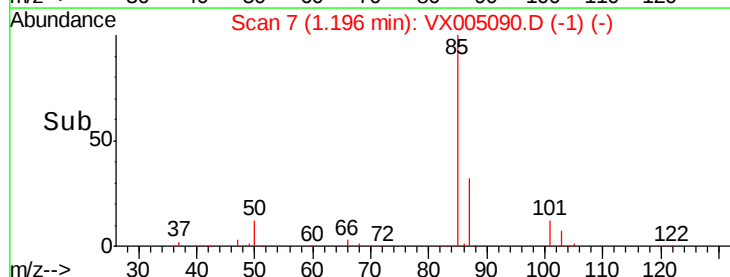
100000

50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 45.660 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

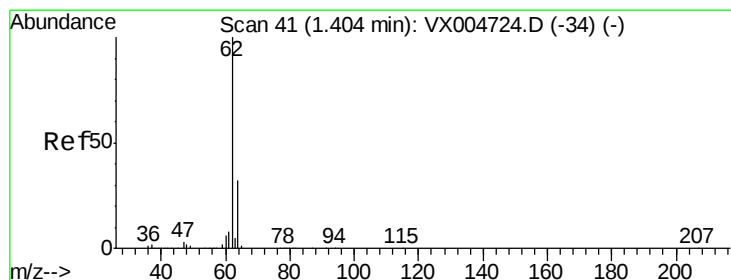
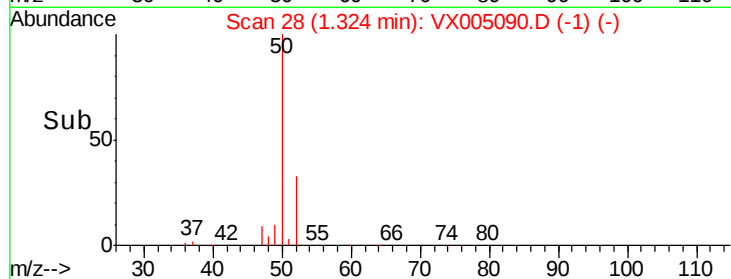
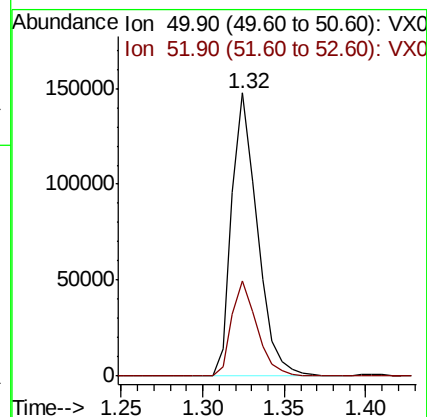
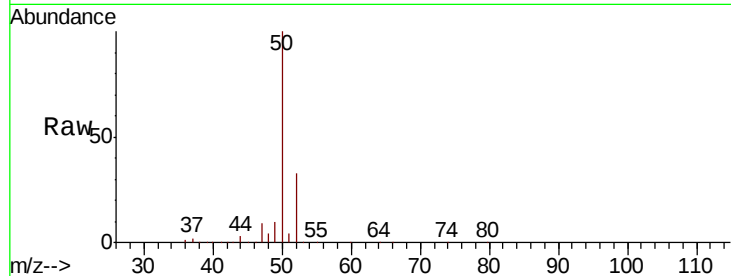
VSTDCCC050EC

Tot Ion: 50 Resp: 162044

Ion Ratio Lower Upper

50 100

52 33.5 25.8 38.6



#4

Vinyl Chloride

Concen: 50.155 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005090.D

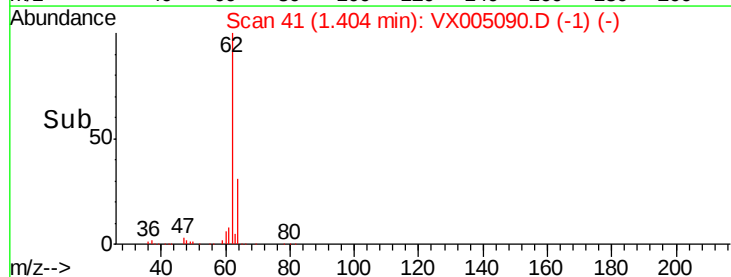
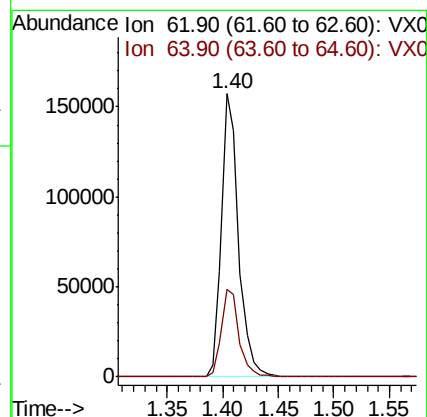
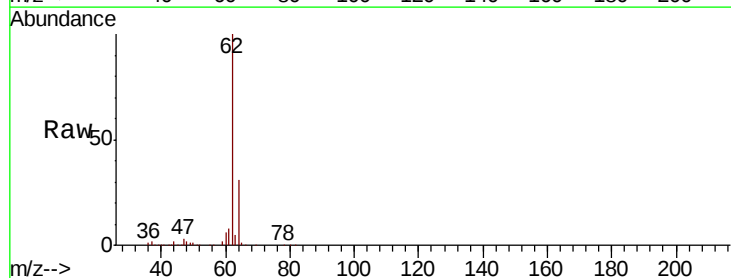
Acq: 06 Oct 2018 01:59

Tgt Ion: 62 Resp: 166942

Ion Ratio Lower Upper

62 100

64 30.9 25.5 38.3





#5

Bromomethane

Concen: 56.120 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

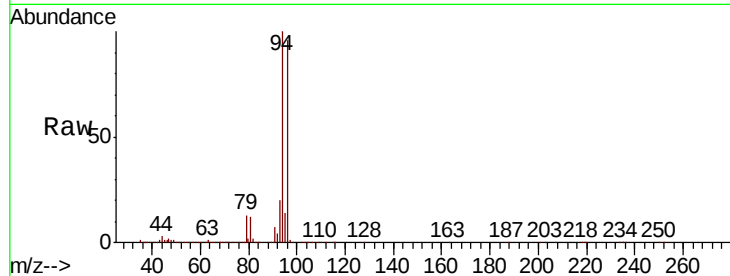
VSTDCCC050EC

Tot Ion: 94 Resp: 110769

Ion Ratio Lower Upper

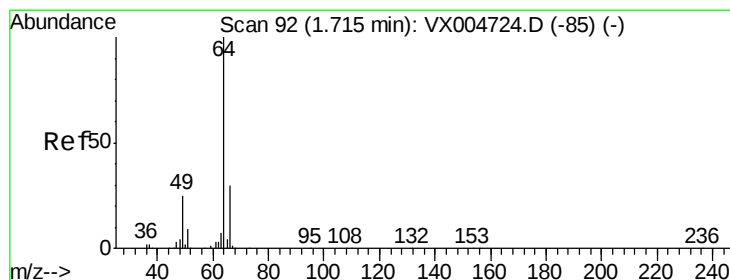
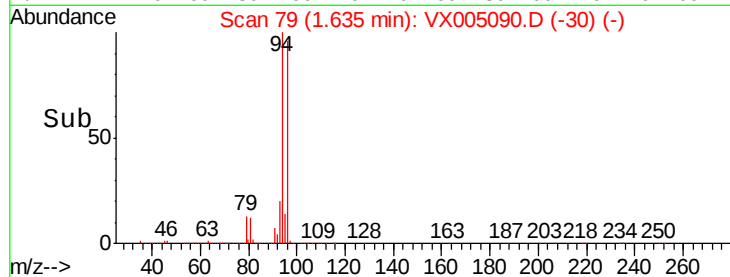
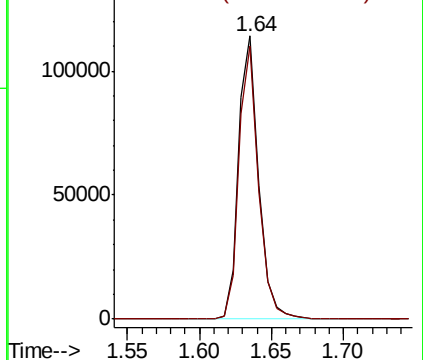
94 100

96 96.3 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: 54.053 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX005090.D

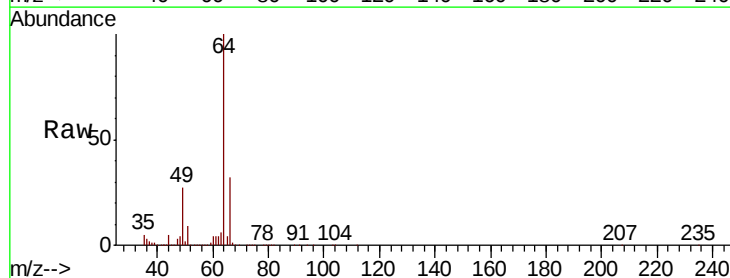
Acq: 06 Oct 2018 01:59

Tgt Ion: 64 Resp: 97707

Ion Ratio Lower Upper

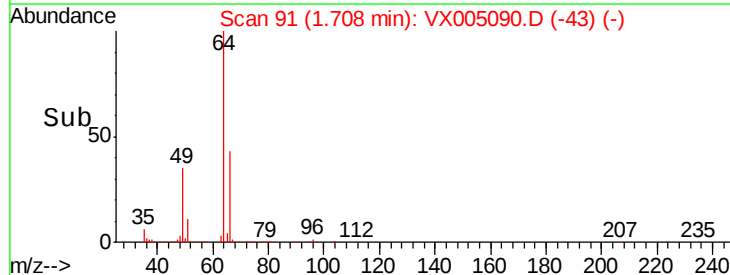
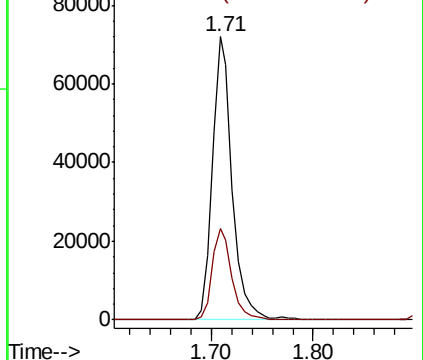
64 100

66 32.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



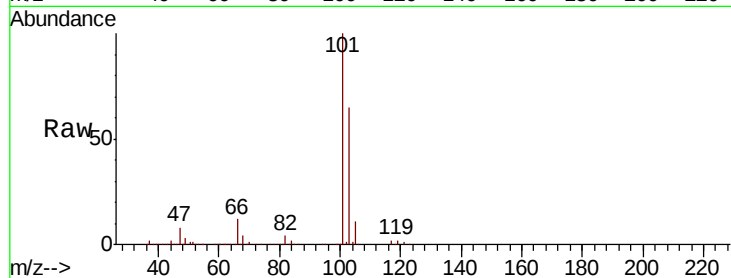


#7

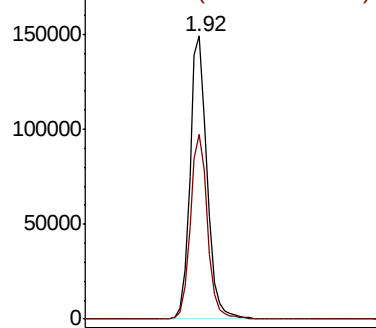
Trichlorofluoromethane
 Concen: 52.984 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

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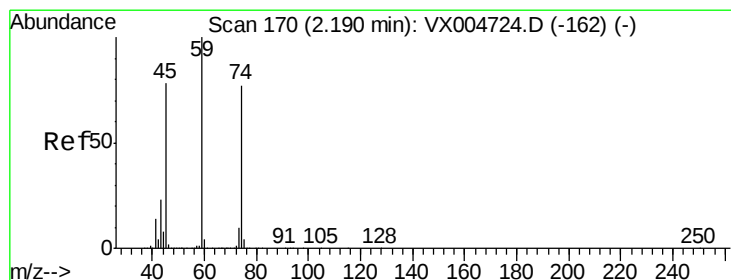
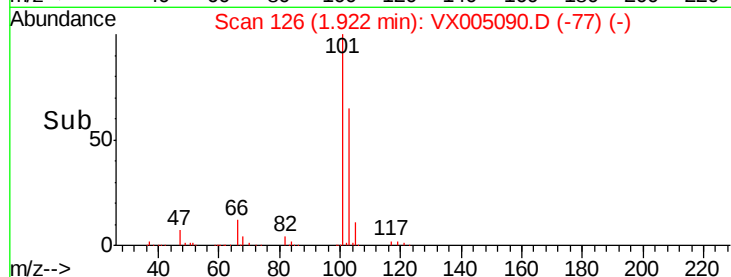
Tot Ion:101 Resp: 218328
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.4 72.6



Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



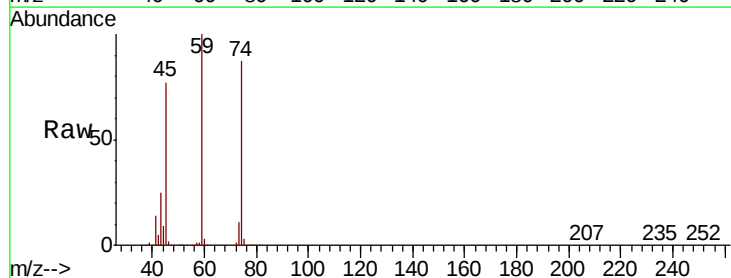
Time--> 1.80 1.90 2.00 2.10



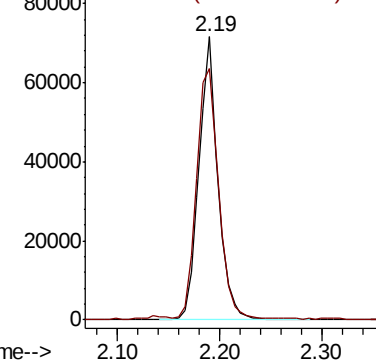
#8

Diethyl Ether
 Concen: 51.366 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

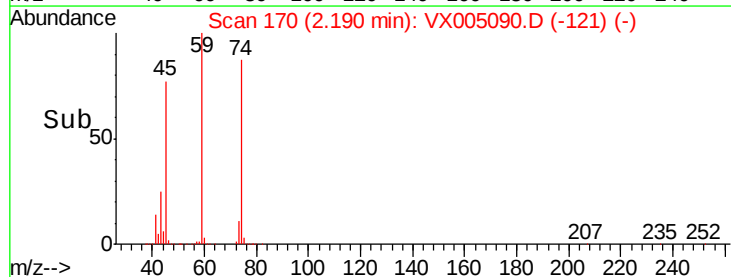
Tgt Ion: 74 Resp: 91953
 Ion Ratio Lower Upper
 74 100
 45 102.2 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.387 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

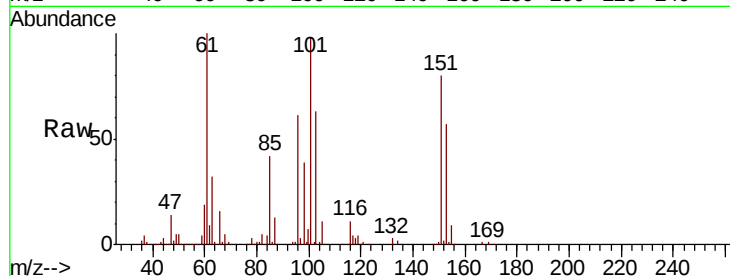
Tot Ion:101 Resp: 120619

Ion Ratio Lower Upper

101 100

85 44.5 35.9 53.9

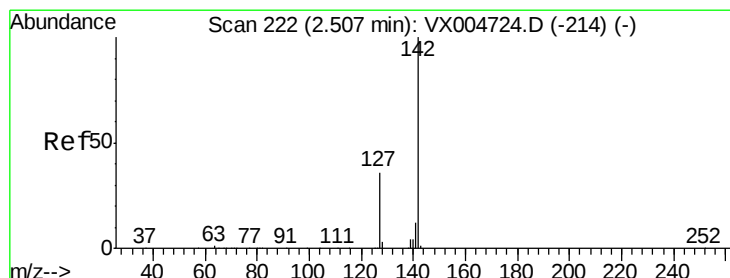
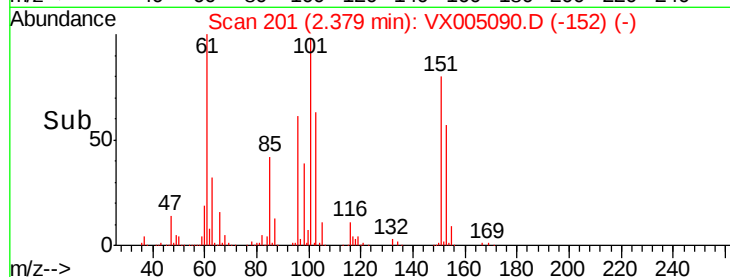
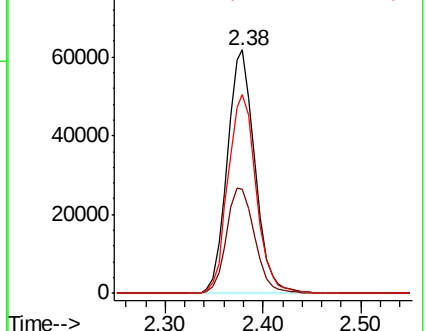
151 83.8 66.6 100.0



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: 47.706 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

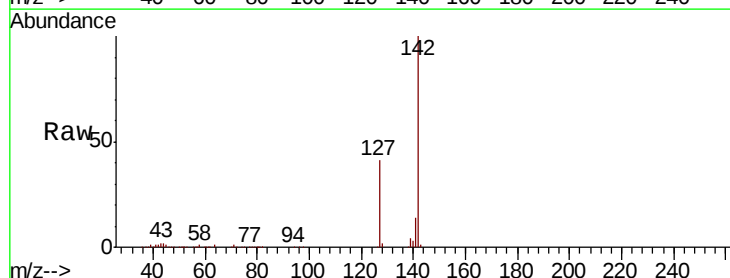
Tgt Ion:142 Resp: 149844

Ion Ratio Lower Upper

142 100

127 42.2 30.1 45.1

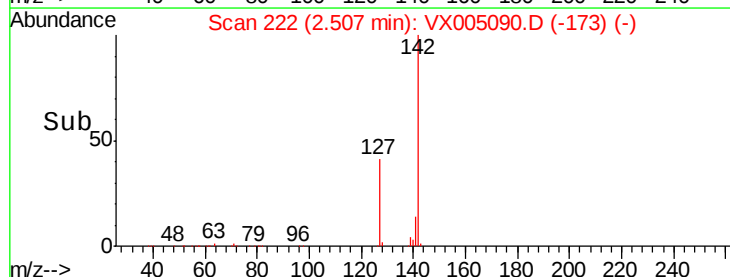
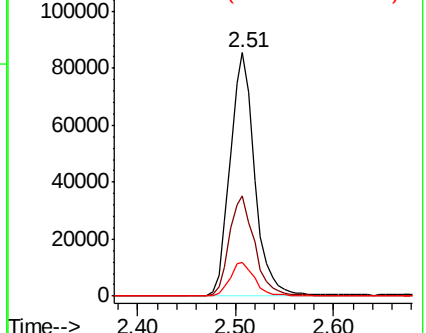
141 14.0 10.1 15.1

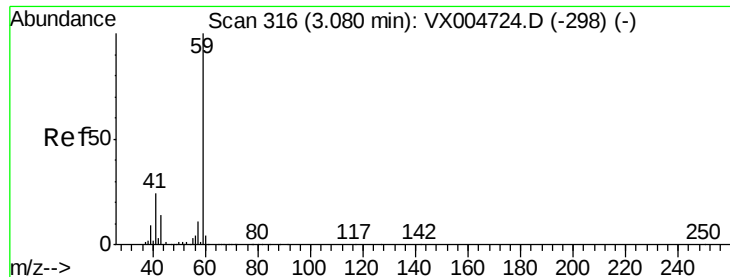


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

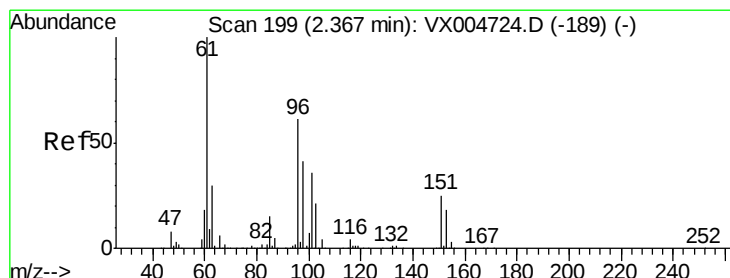
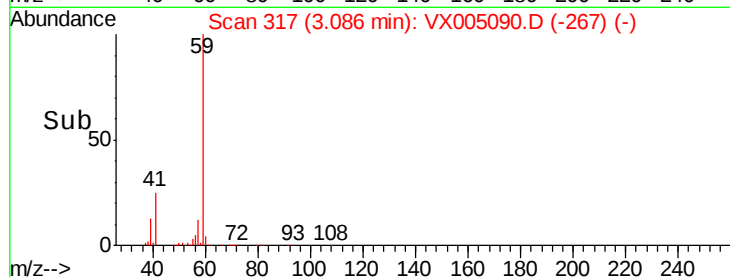
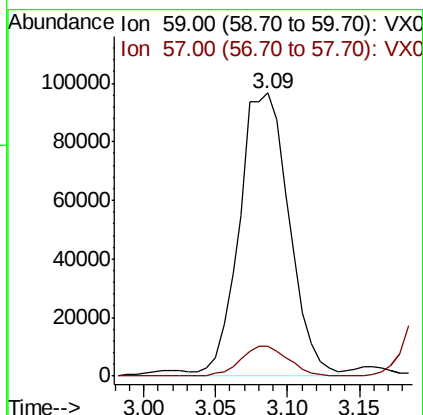
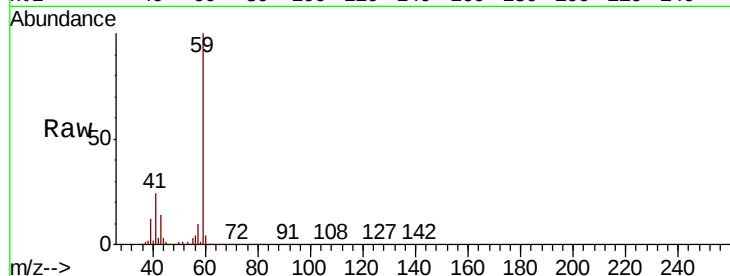




#11
Tert butyl alcohol
Concen: 270.444 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

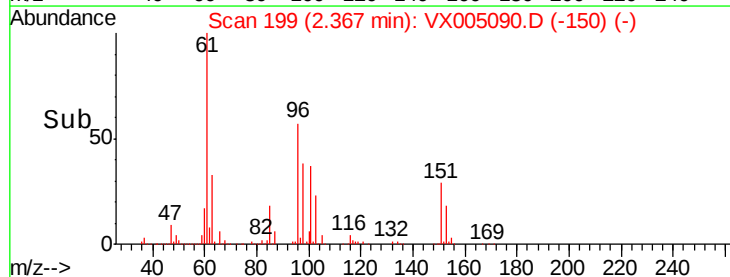
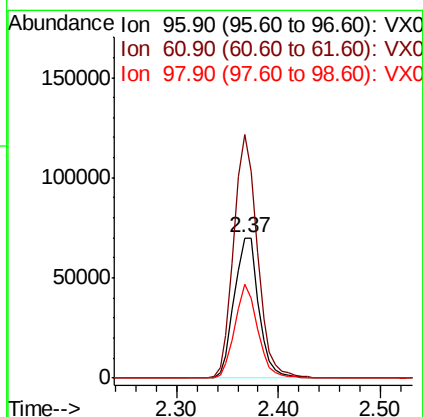
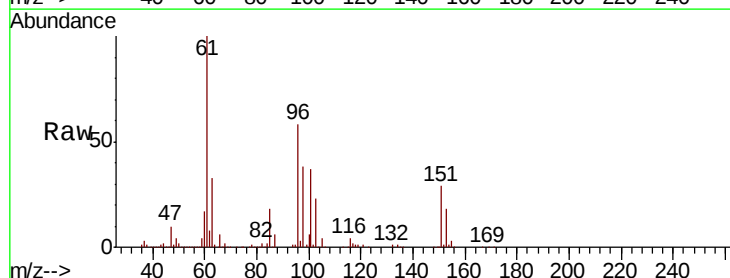
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 231745
Ion Ratio Lower Upper
59 100
57 10.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 50.130 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 96 Resp: 116532
Ion Ratio Lower Upper
96 100
61 173.7 130.2 195.4
98 66.8 53.4 80.0





#13

Acrolein

Concen: 122.796 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

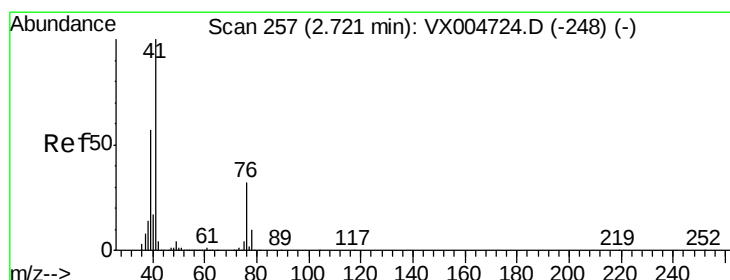
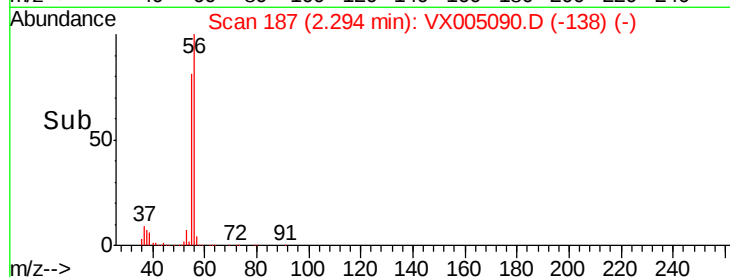
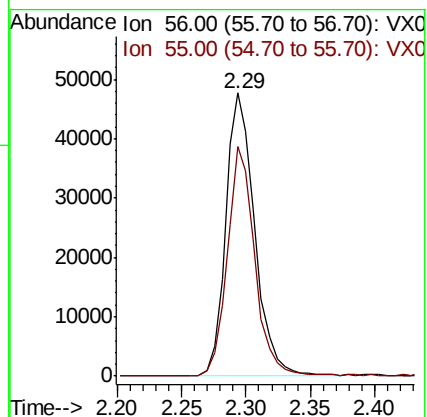
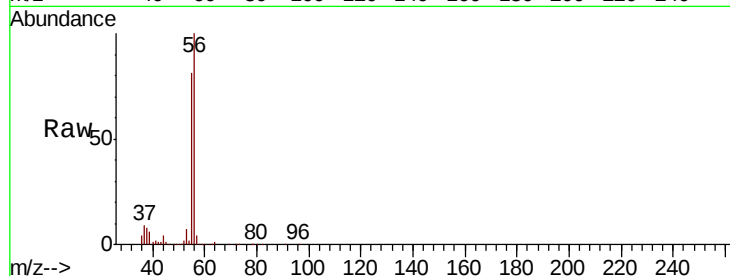
VSTDCCC050EC

Tot Ion: 56 Resp: 74867

Ion Ratio Lower Upper

56 100

55 77.7 63.4 95.2



#14

Allyl chloride

Concen: 52.341 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

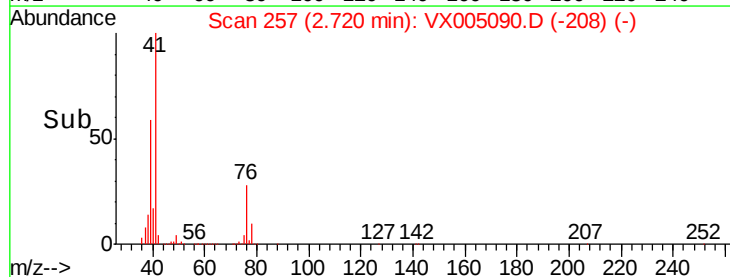
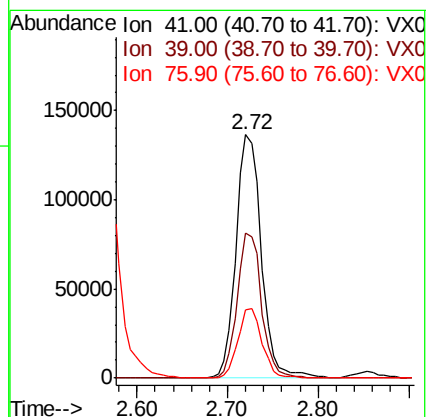
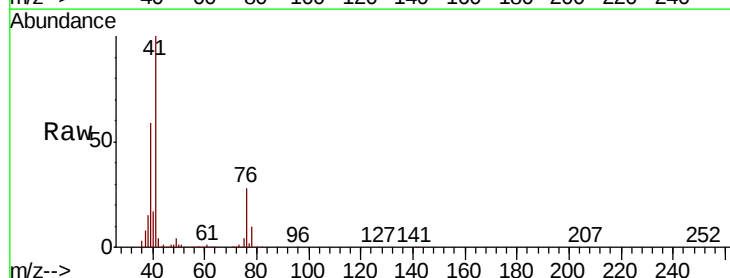
Tgt Ion: 41 Resp: 265474

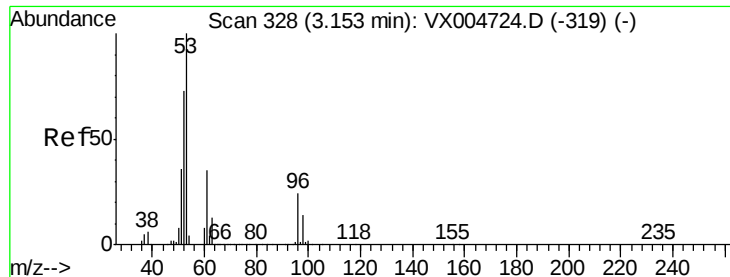
Ion Ratio Lower Upper

41 100

39 57.0 44.1 66.1

76 27.2 25.0 37.4





#15

Acrylonitrile

Concen: 263.722 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

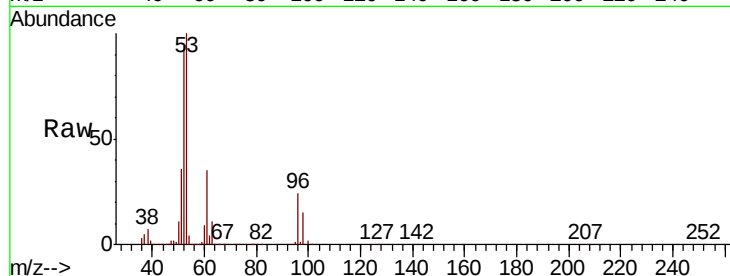
Tot Ion: 53 Resp: 497478

Ion Ratio Lower Upper

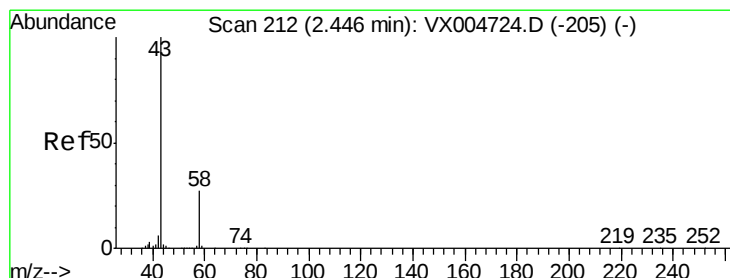
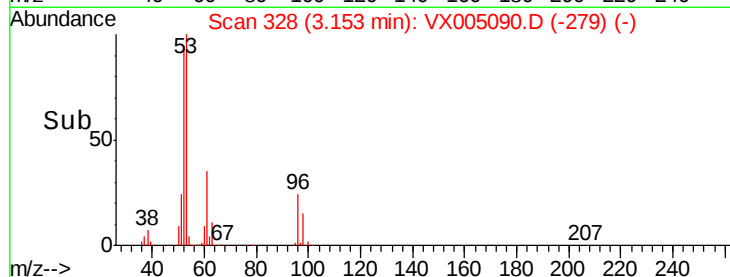
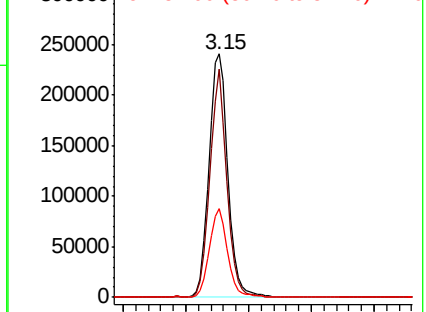
53 100

52 83.9 63.0 94.4

51 35.5 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: 256.360 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005090.D

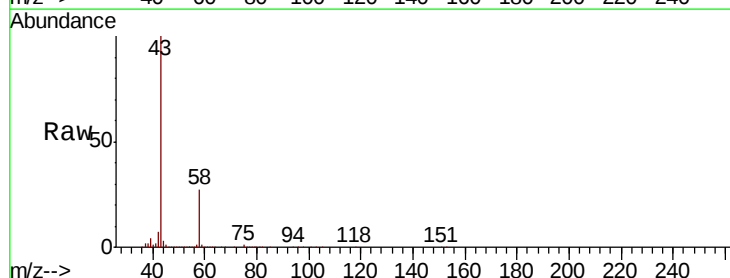
Acq: 06 Oct 2018 01:59

Tgt Ion: 43 Resp: 458679

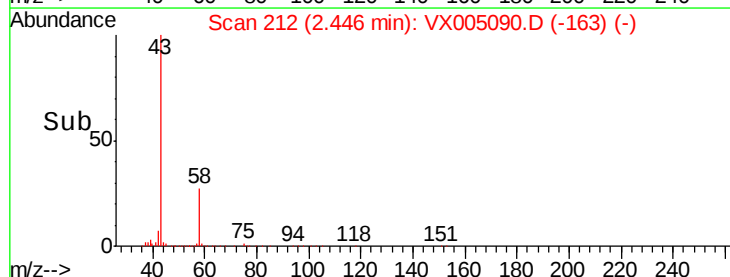
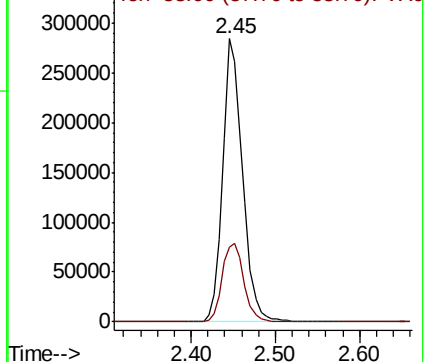
Ion Ratio Lower Upper

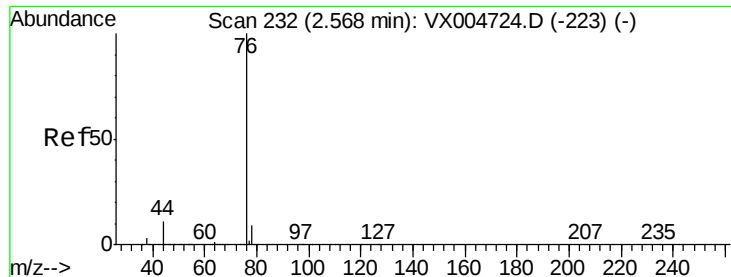
43 100

58 26.6 21.8 32.6



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

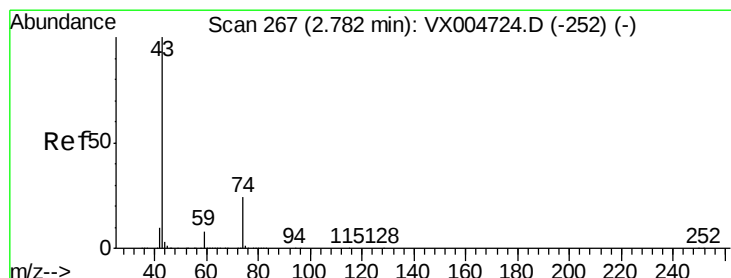
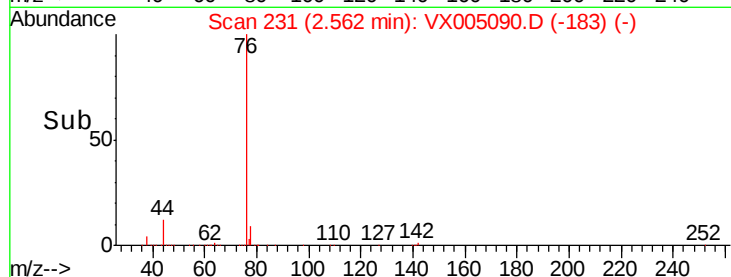
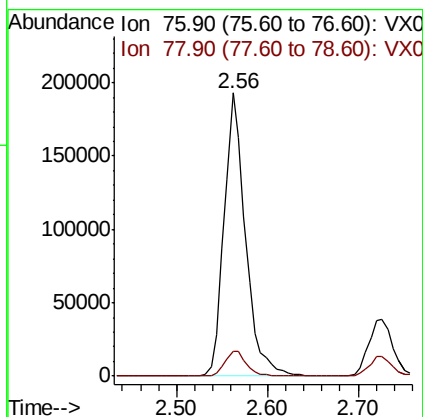
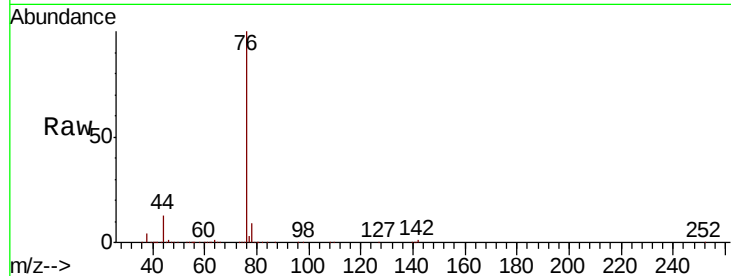




#17
Carbon Disulfide
Concen: 45.381 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

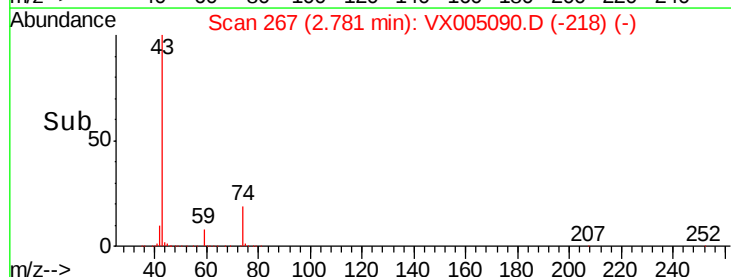
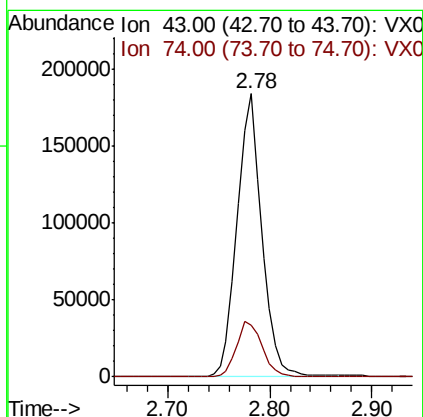
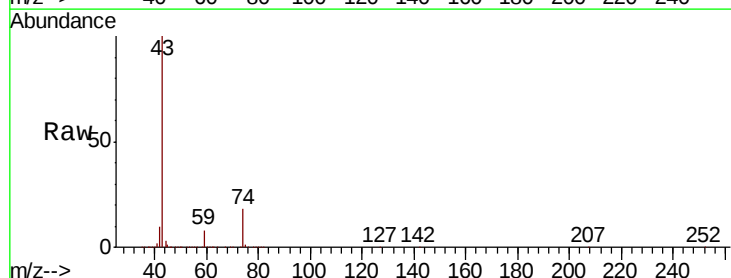
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 316989
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 67.619 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 43 Resp: 306527
Ion Ratio Lower Upper
43 100
74 20.5 17.8 26.8



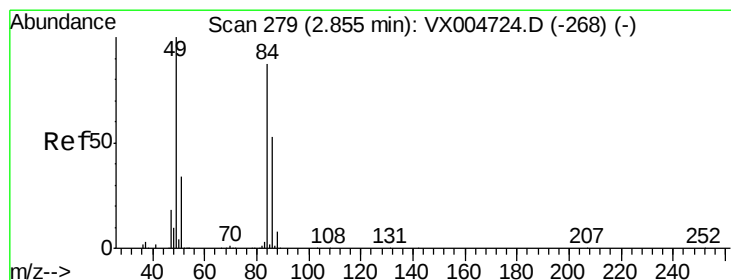
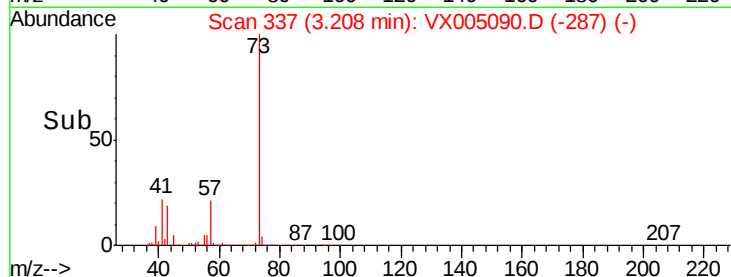
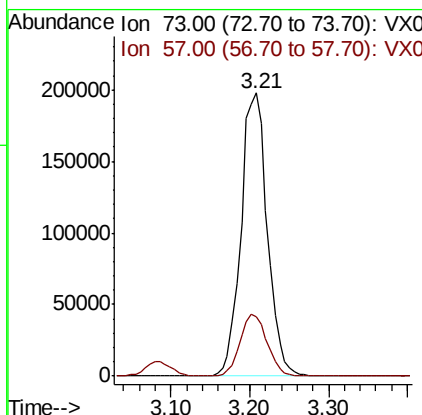
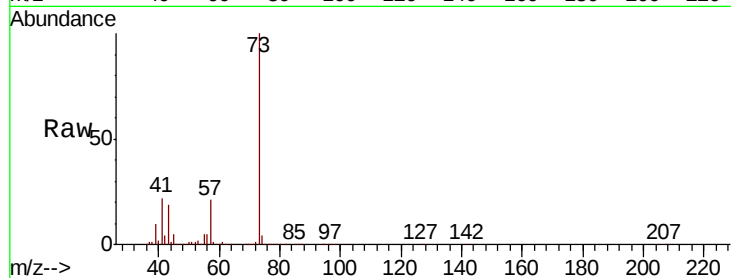


#19

Methyl tert-butyl Ether
 Concen: 57.375 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

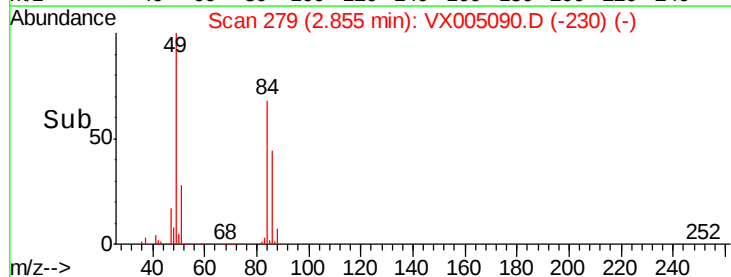
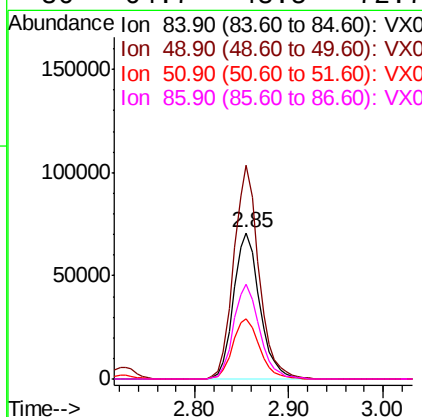
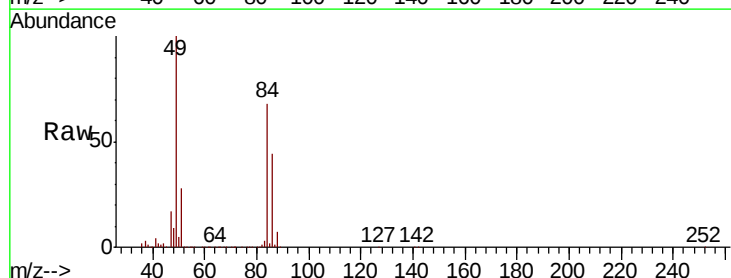
Tot Ion: 73 Resp: 460043
 Ion Ratio Lower Upper
 73 100
 57 21.1 19.9 29.9

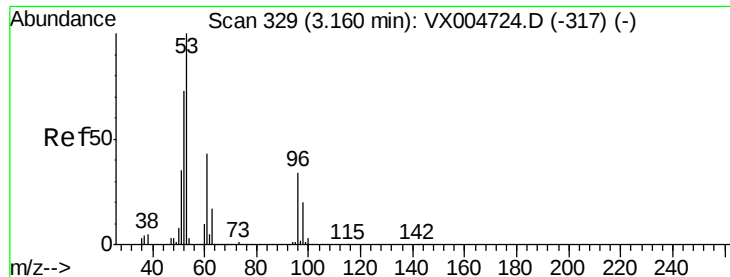


#20

Methylene Chloride
 Concen: 52.498 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion: 84 Resp: 136459
 Ion Ratio Lower Upper
 84 100
 49 146.1 92.3 138.5#
 51 41.2 31.8 47.6
 86 64.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 48.829 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

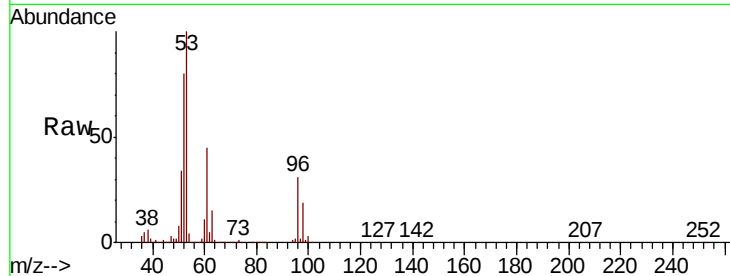
Tot Ion: 96 Resp: 124253

Ion Ratio Lower Upper

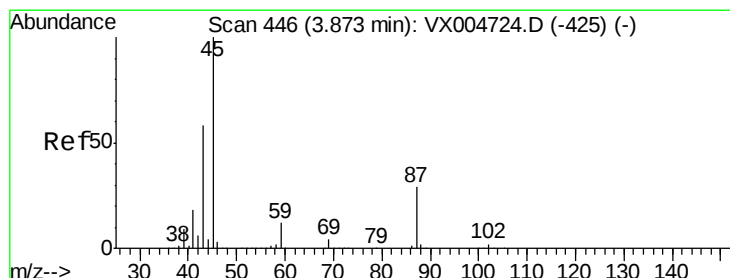
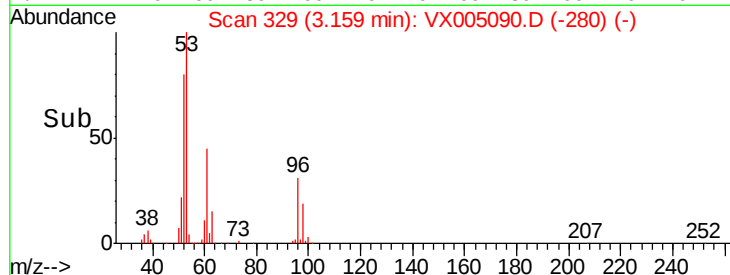
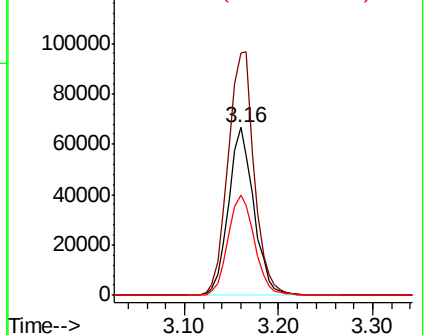
96 100

61 144.8 101.0 151.6

98 60.0 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: 55.378 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Tgt Ion: 45 Resp: 472972

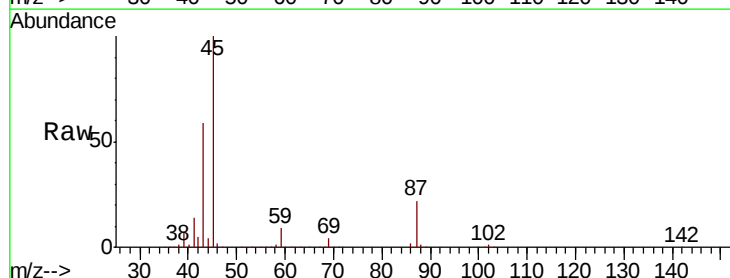
Ion Ratio Lower Upper

45 100

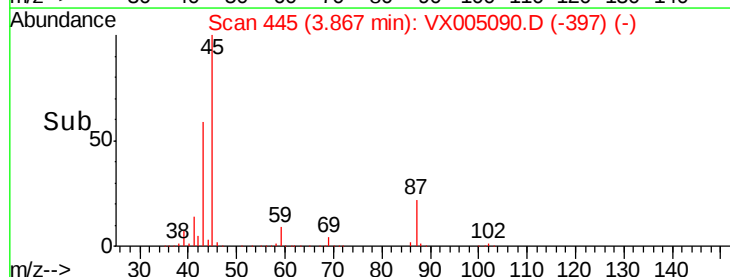
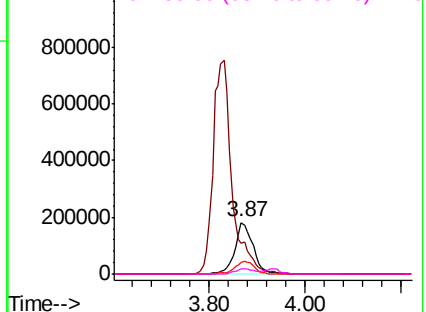
43 58.9 46.7 70.1

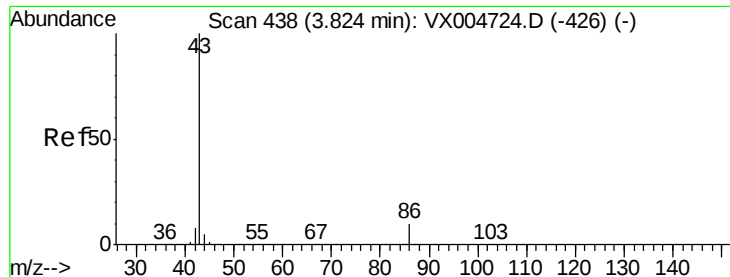
87 21.9 22.9 34.3#

59 9.5 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

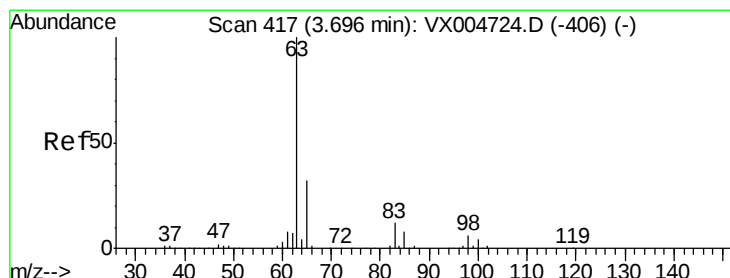
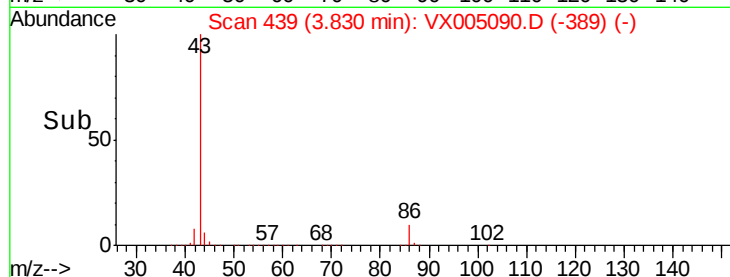
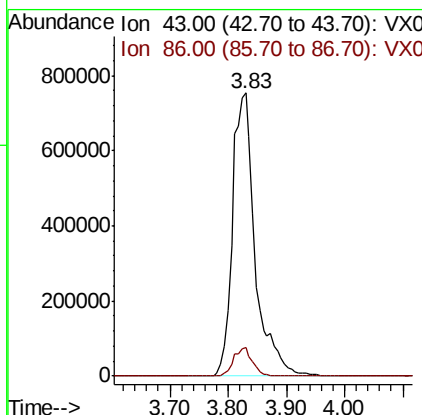
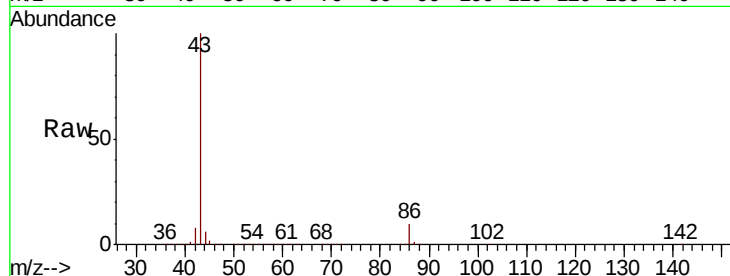




#23
 Vinyl Acetate
 Concen: 262.525 ug/l
 RT: 3.83 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

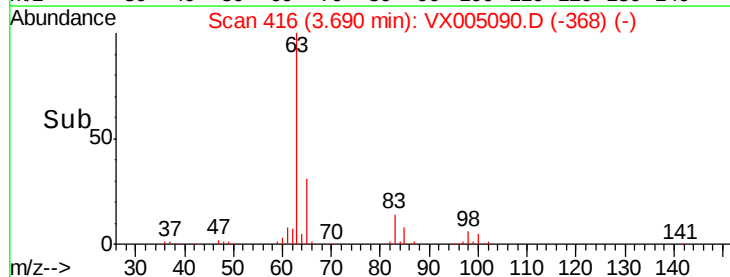
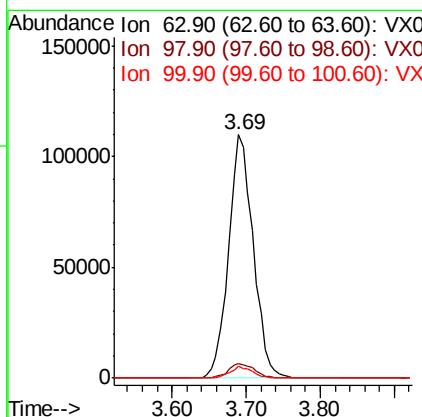
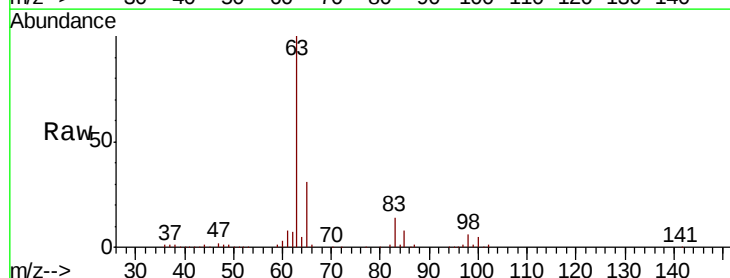
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

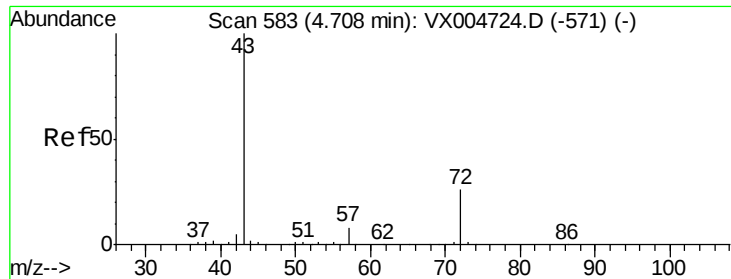
Tot Ion: 43 Resp: 2052400
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 50.011 ug/l
 RT: 3.69 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion: 63 Resp: 254792
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.7 2.0 5.8





#25

2-Butanone

Concen: 262.211 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

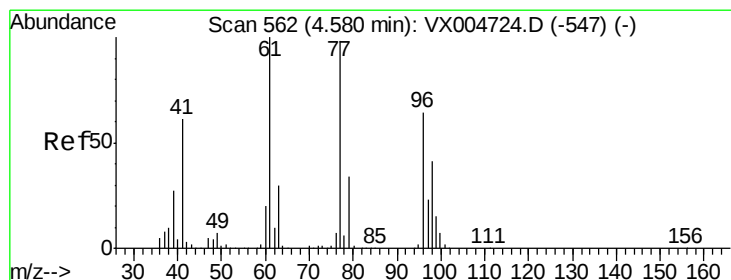
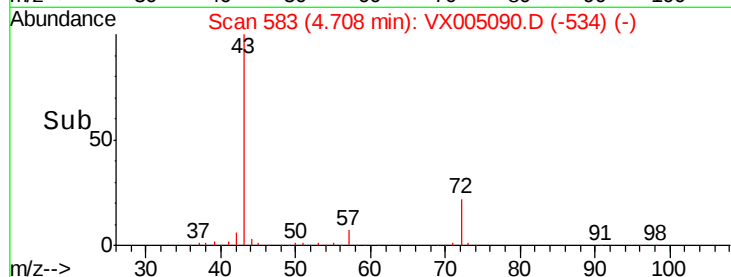
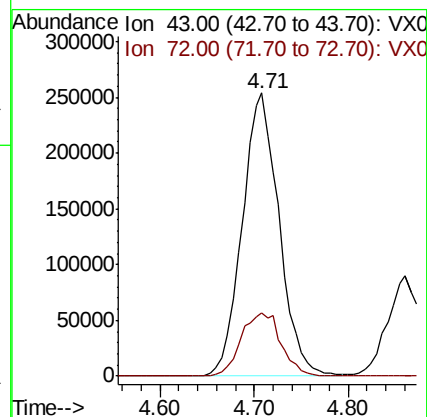
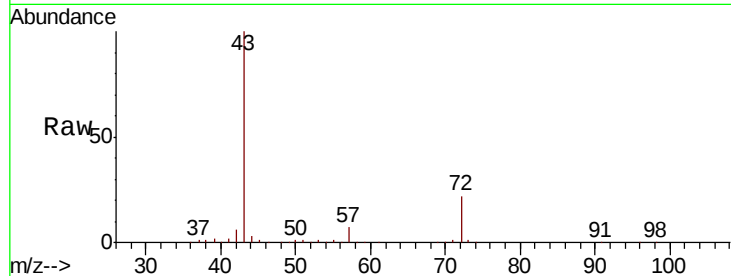
VSTDCCC050EC

Tot Ion: 43 Resp: 691540

Ion Ratio Lower Upper

43 100

72 22.5 20.8 31.2



#26

2,2-Dichloropropane

Concen: 40.205 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005090.D

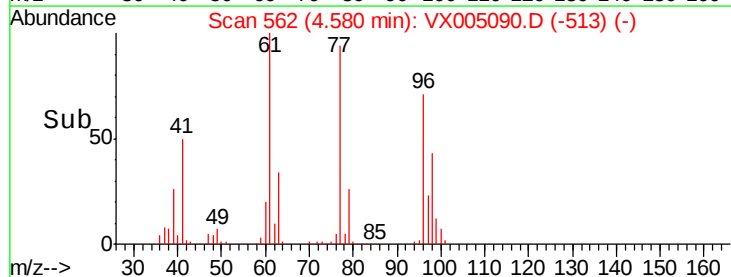
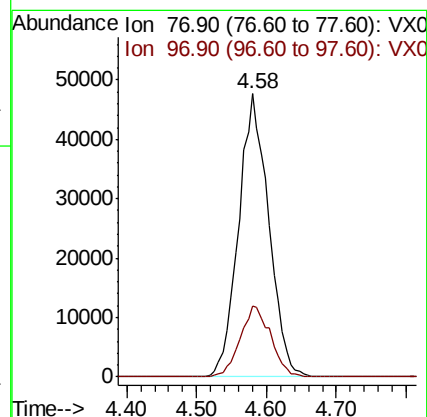
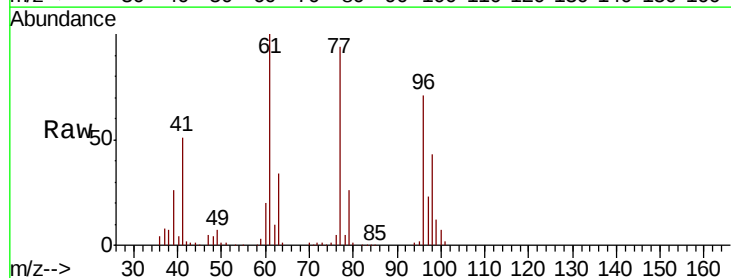
Acq: 06 Oct 2018 01:59

Tgt Ion: 77 Resp: 142637

Ion Ratio Lower Upper

77 100

97 25.3 12.6 37.8



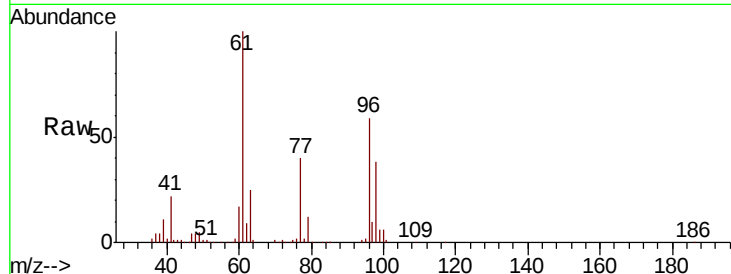


#27

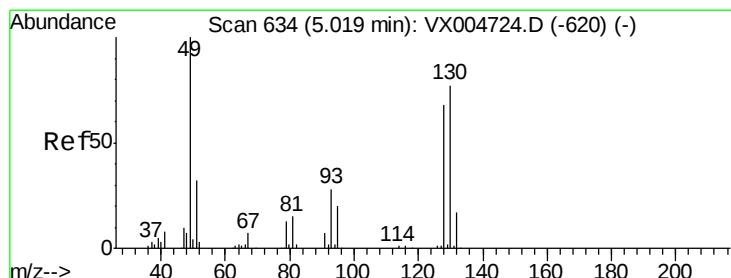
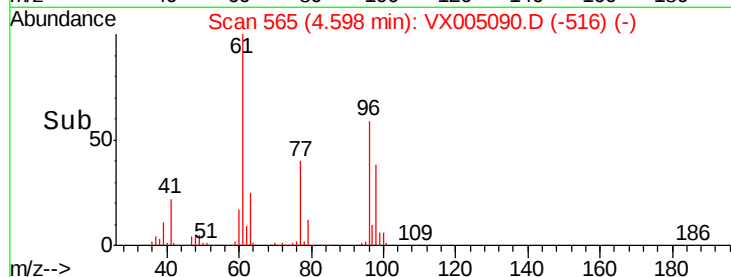
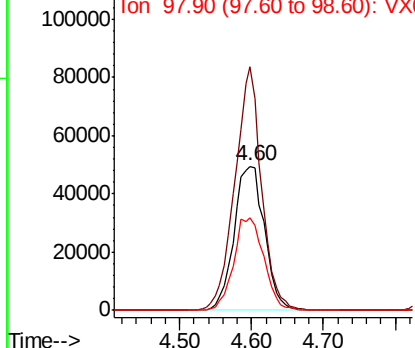
cis-1,2-Dichloroethene
Concen: 51.040 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	285.8
98	63.6	0.0	136.2



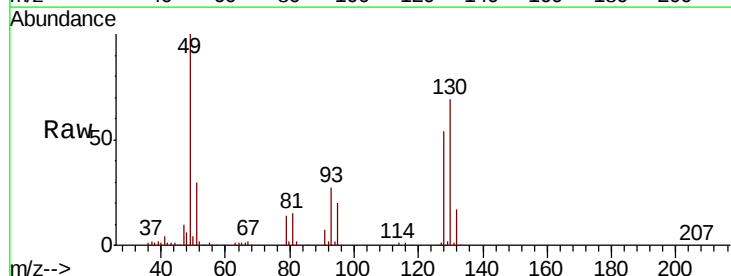
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



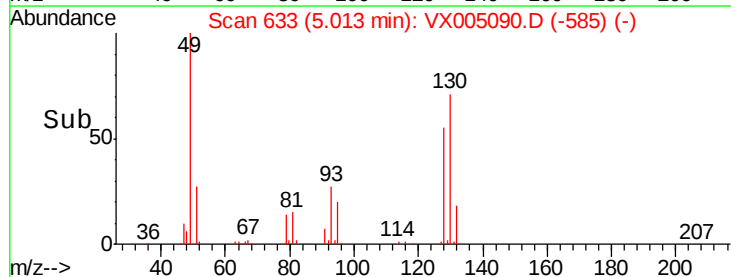
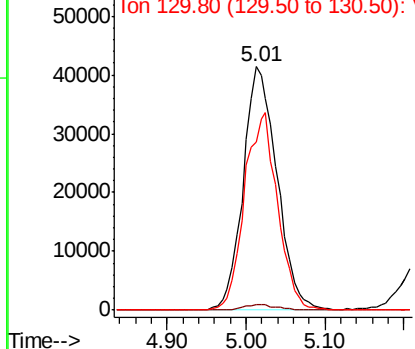
#28

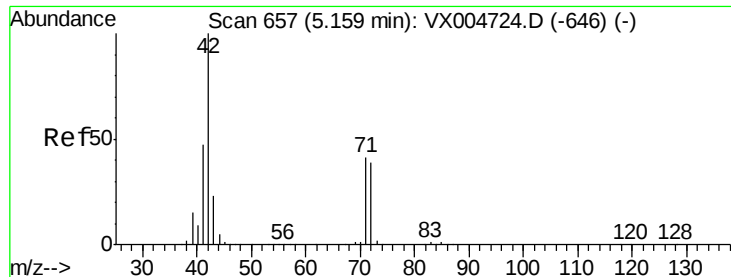
Bromochloromethane
Concen: 51.341 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	79.3	62.0	93.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 281.697 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

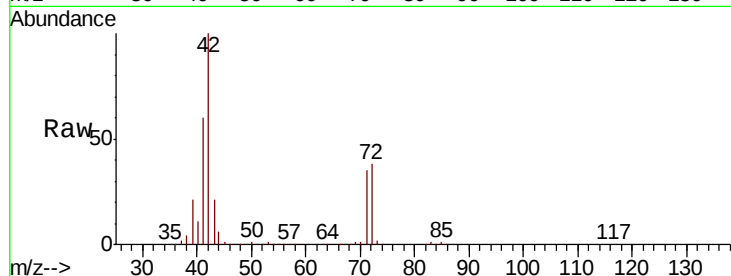
Tot Ion: 42 Resp: 461757

Ion Ratio Lower Upper

42 100

72 41.3 33.7 50.5

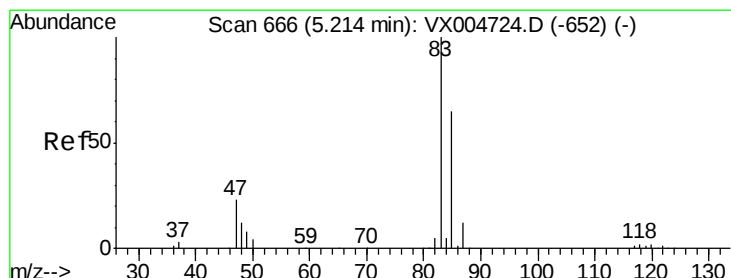
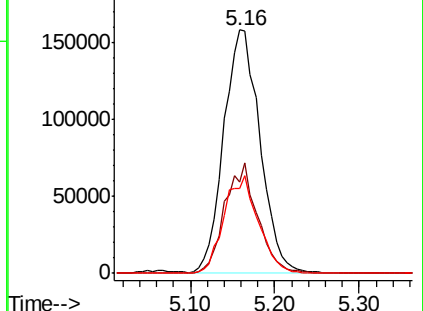
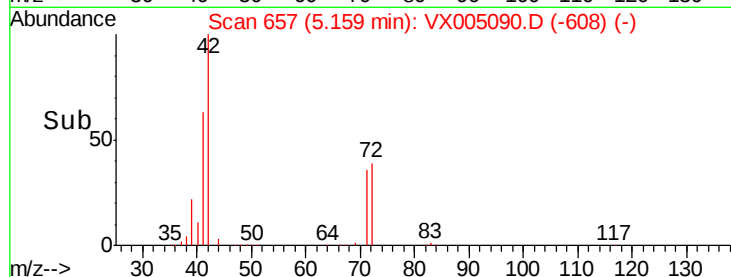
71 38.5 32.2 48.4



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: 50.162 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005090.D

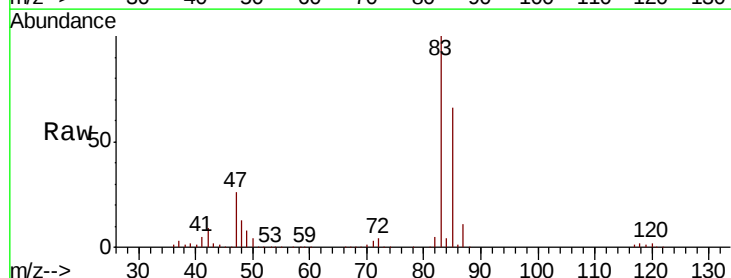
Acq: 06 Oct 2018 01:59

Tgt Ion: 83 Resp: 241528

Ion Ratio Lower Upper

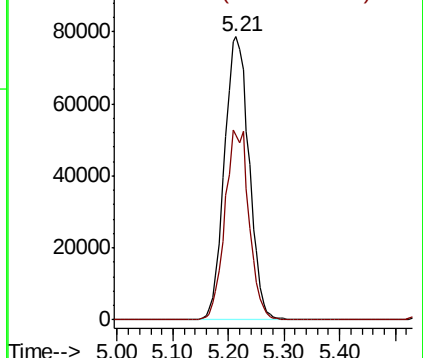
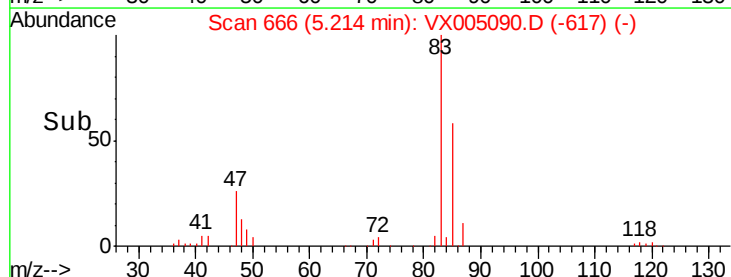
83 100

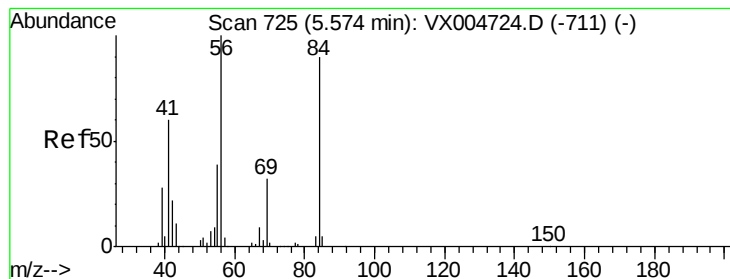
85 65.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 52.416 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

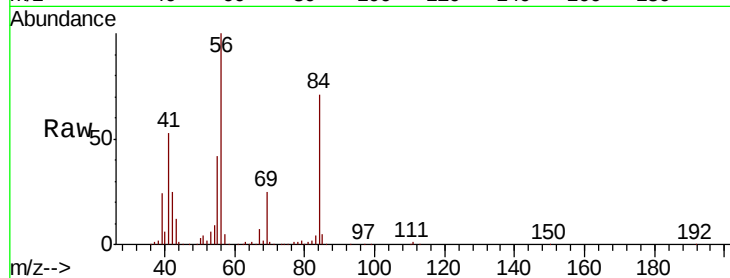
Tot Ion: 56 Resp: 204388

Ion Ratio Lower Upper

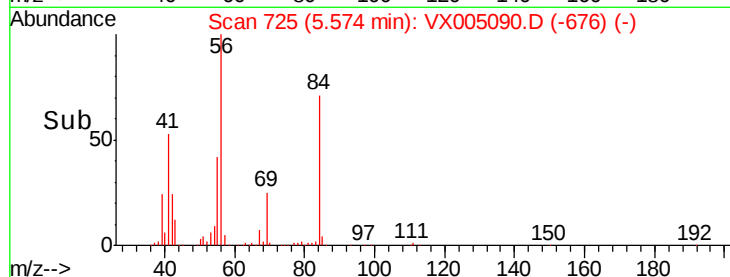
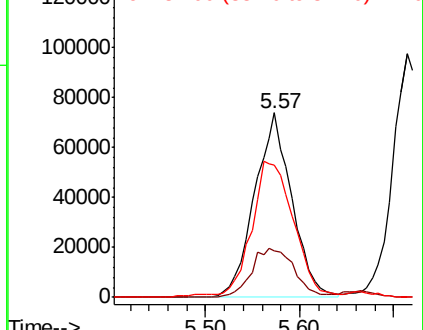
56 100

69 25.4 25.9 38.9#

84 70.2 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: 53.144 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

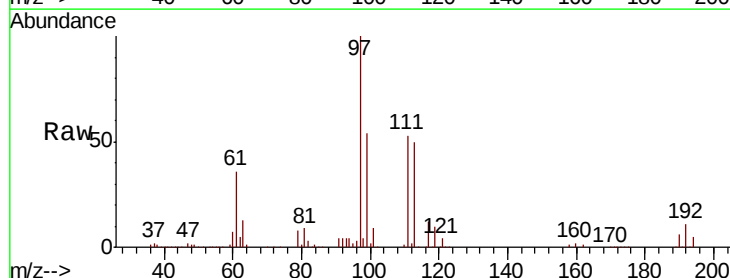
Tgt Ion: 97 Resp: 208979

Ion Ratio Lower Upper

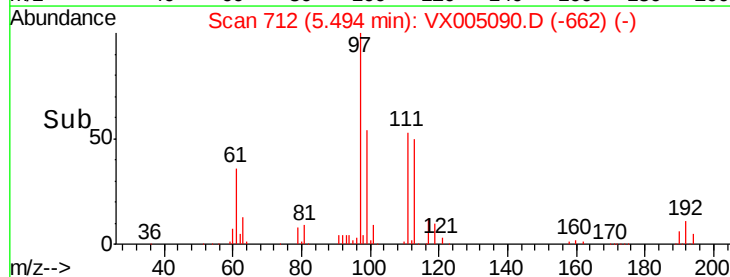
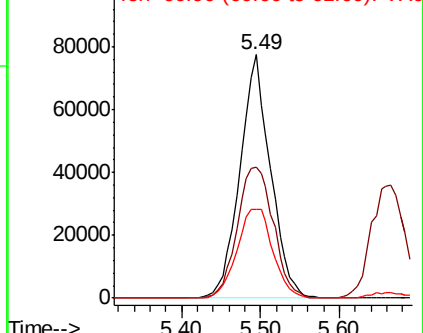
97 100

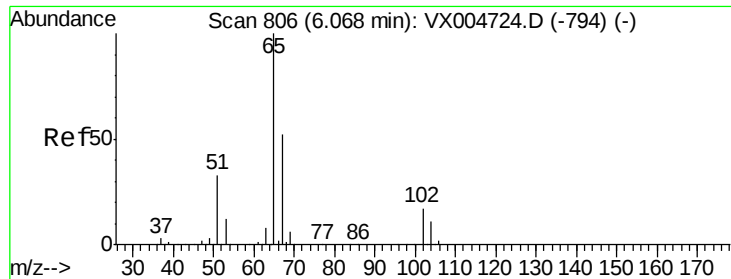
99 63.6 54.6 82.0

61 43.2 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

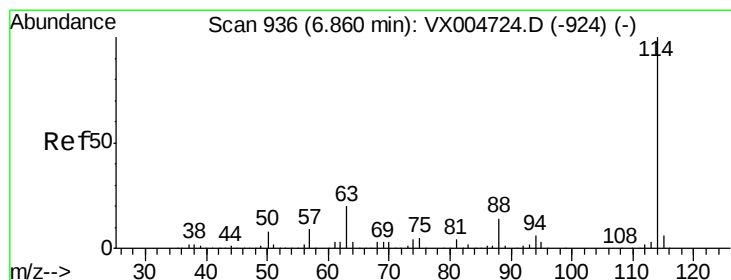
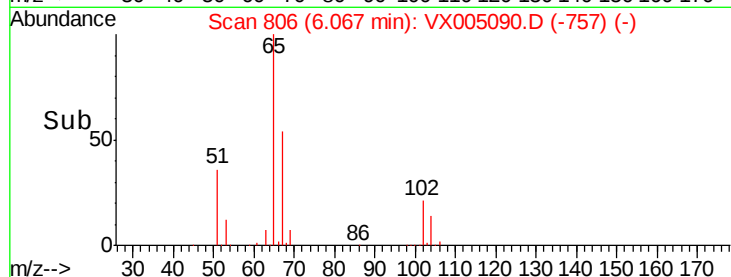
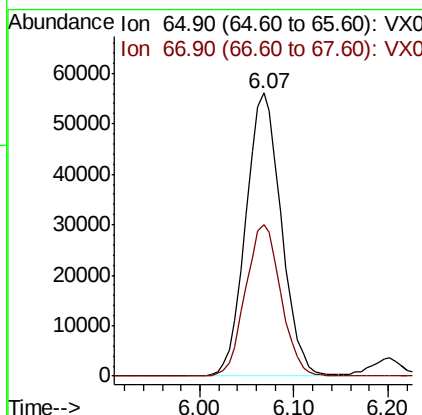
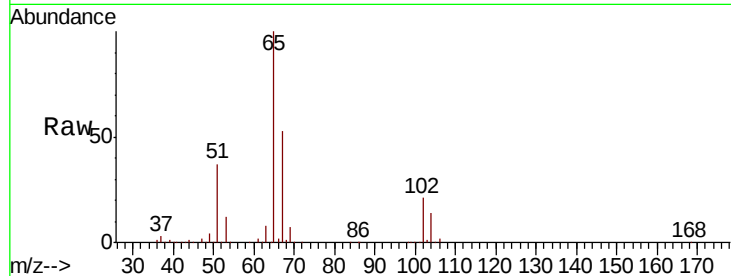




#33
 1,2-Dichloroethane-d4
 Concen: 48.508 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

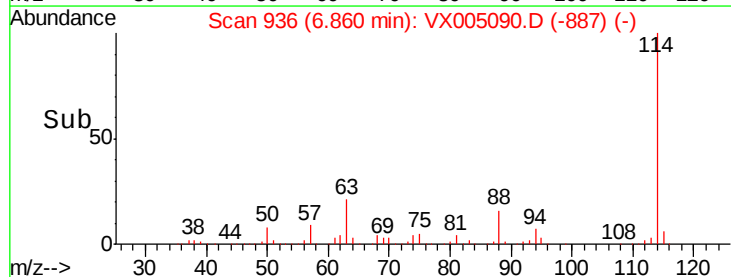
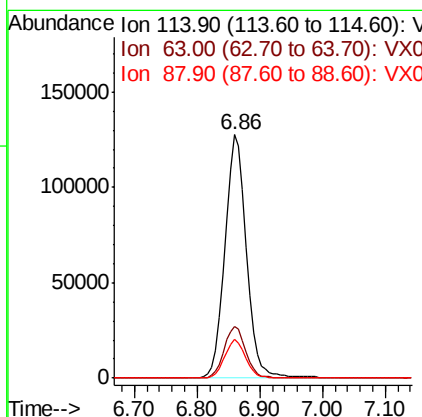
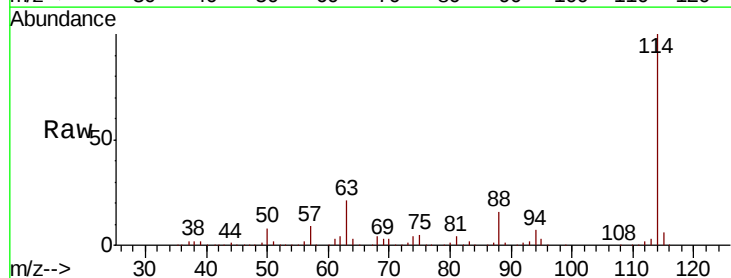
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 65 Resp: 148659
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion: 114 Resp: 303896
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 39.8
 88 15.9 0.0 27.0

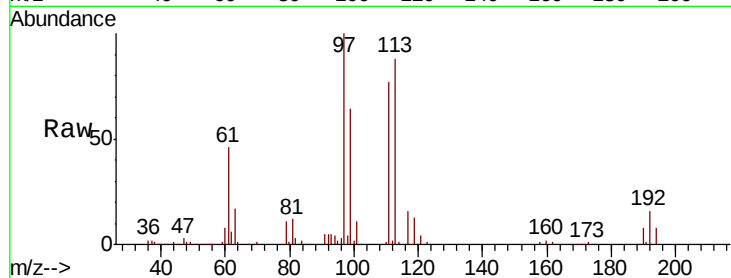




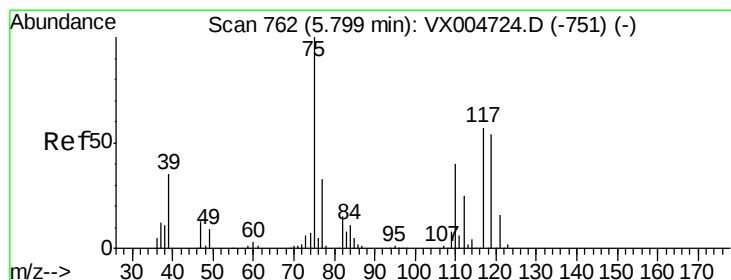
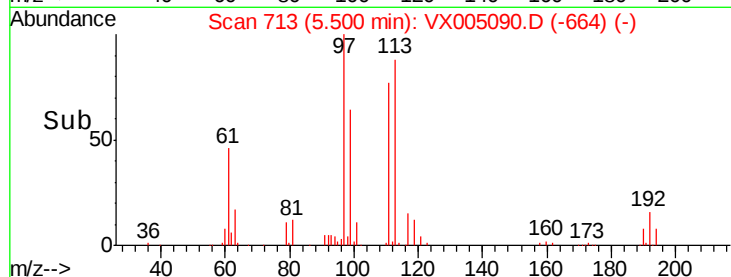
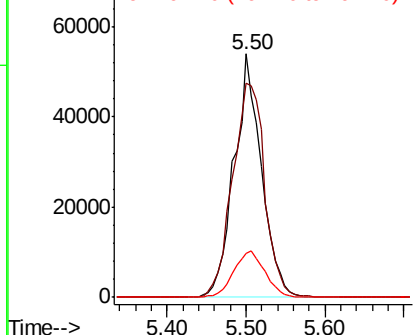
#35
 Dibromofluoromethane
 Concen: 50.493 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 130047
 Ion Ratio Lower Upper
 113 100
 111 103.2 77.0 115.4
 192 21.7 17.0 25.6

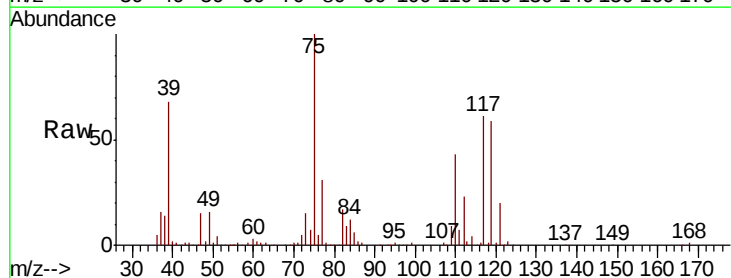


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

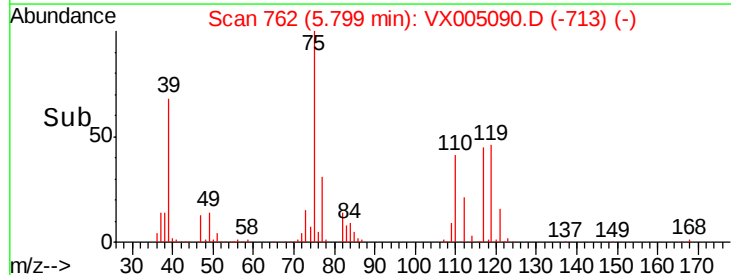
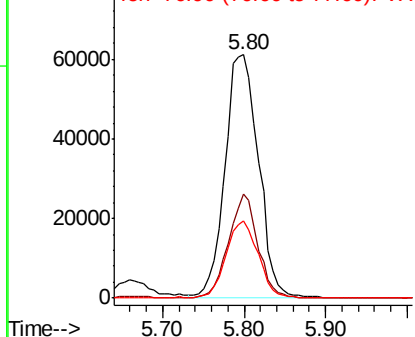


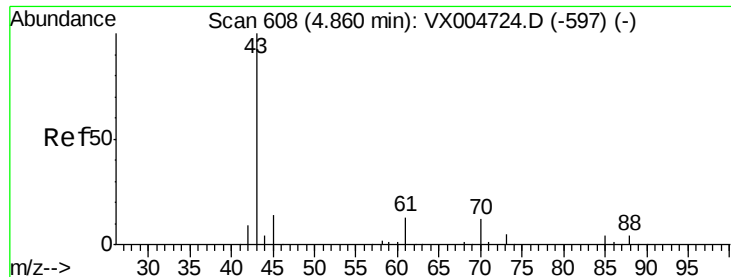
#36
 1,1-Dichloropropene
 Concen: 48.947 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion: 75 Resp: 172000
 Ion Ratio Lower Upper
 75 100
 110 37.5 20.0 59.9
 77 30.4 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: 51.599 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

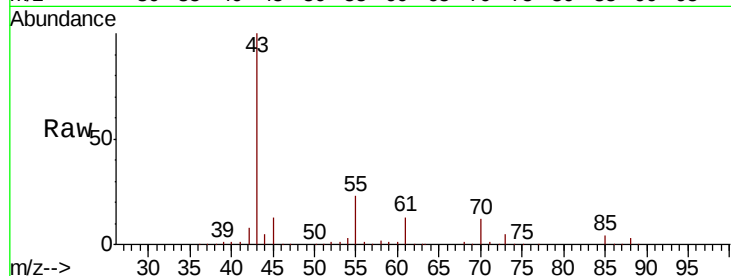
Tot Ion: 43 Resp: 240687

Ion Ratio Lower Upper

43 100

61 13.7 10.4 15.6

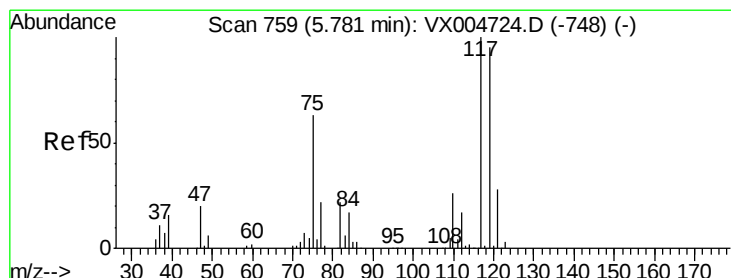
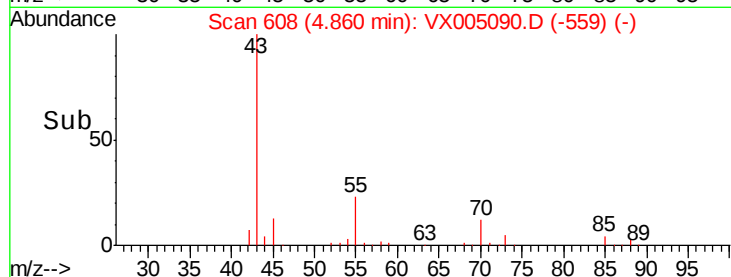
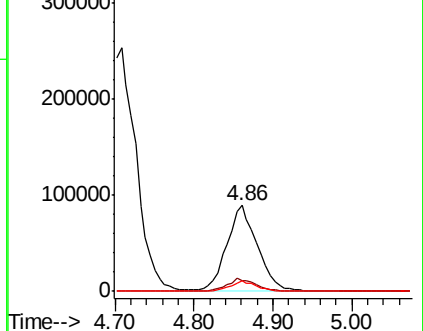
70 10.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.940 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

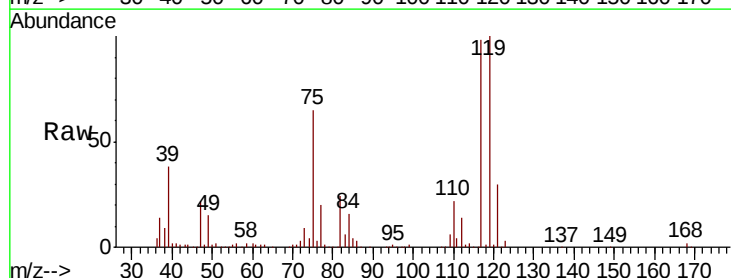
Tgt Ion: 117 Resp: 177084

Ion Ratio Lower Upper

117 100

119 102.1 75.2 112.8

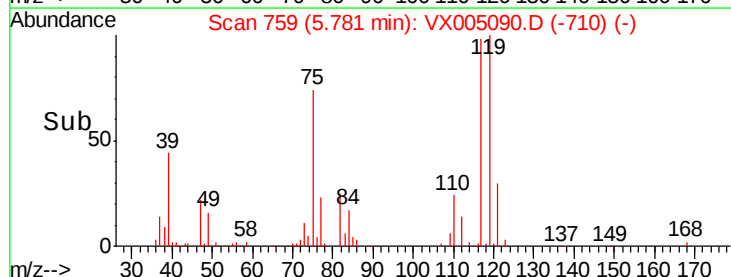
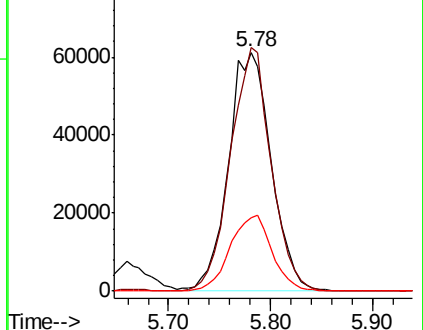
121 30.5 22.5 33.7

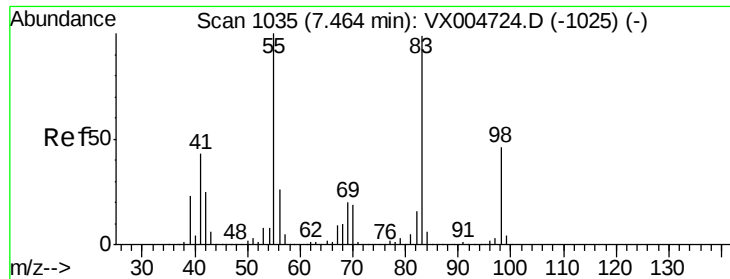


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

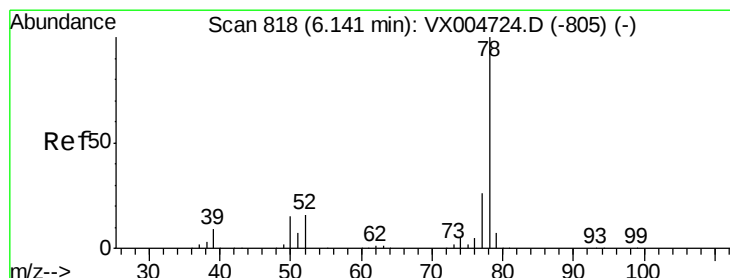
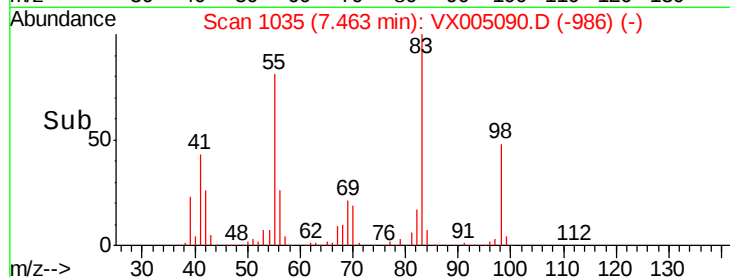
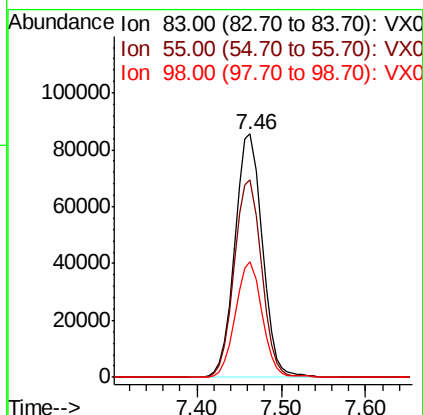
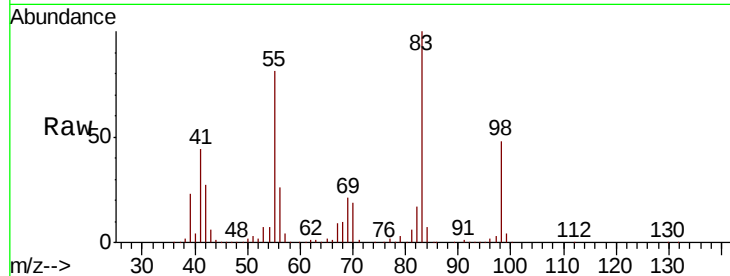




#39
Methvlcvclohexane
Concen: 52.619 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

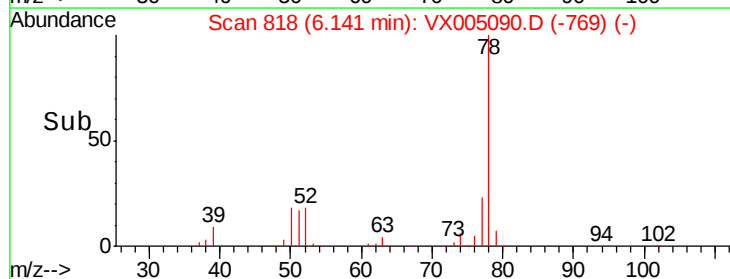
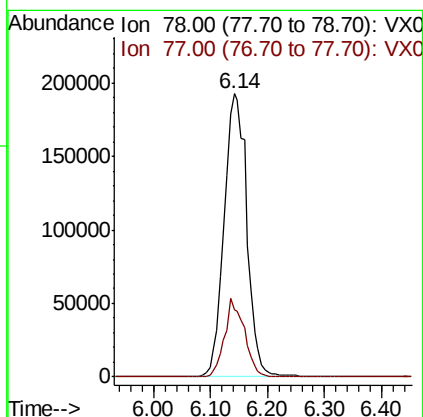
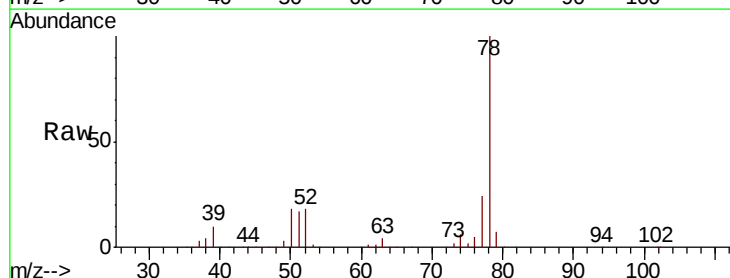
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 188807
Ion Ratio Lower Upper
83 100
55 81.1 81.1 121.7#
98 47.7 37.3 55.9



#40
Benzene
Concen: 48.934 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 78 Resp: 538341
Ion Ratio Lower Upper
78 100
77 23.6 21.0 31.4

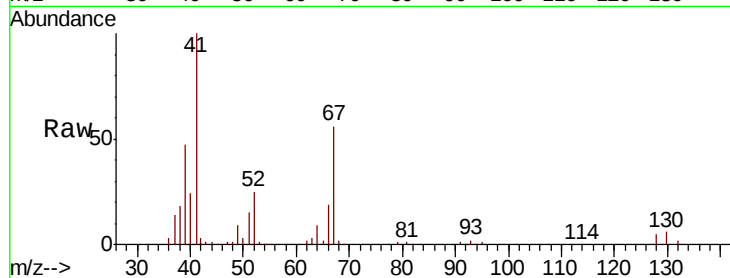




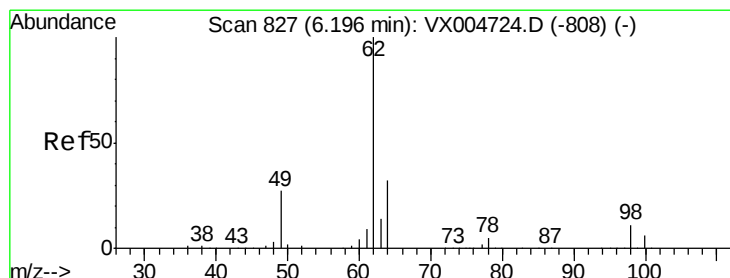
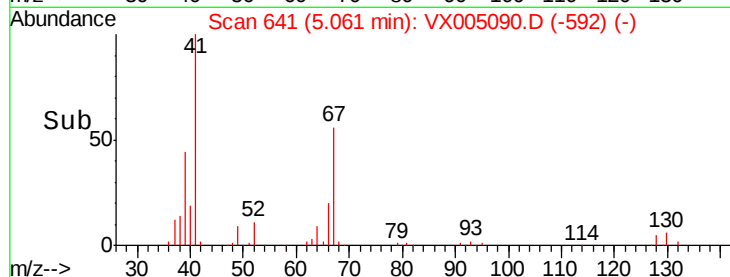
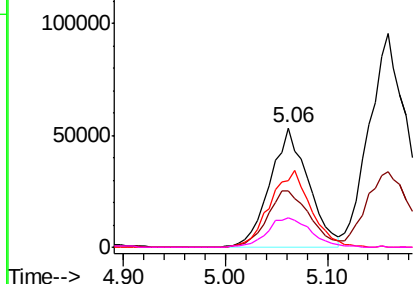
#41
Methacrylonitrile
Concen: 53.726 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	138980
Ion	Ratio	Lower	Upper
41	100		
39	52.2	42.5	63.7
67	68.9	53.0	79.6
52	27.5	19.8	29.8

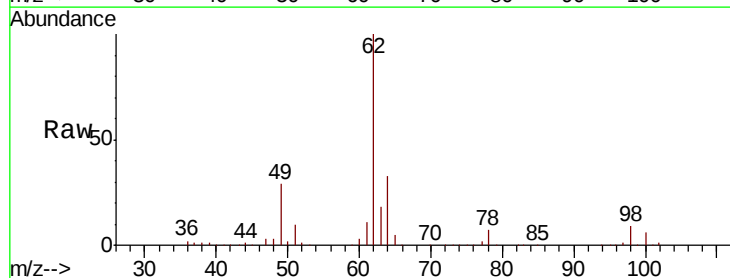


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

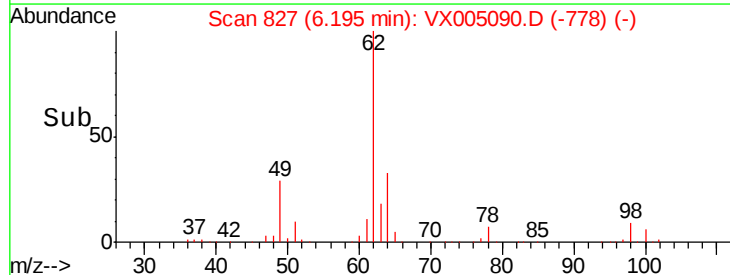
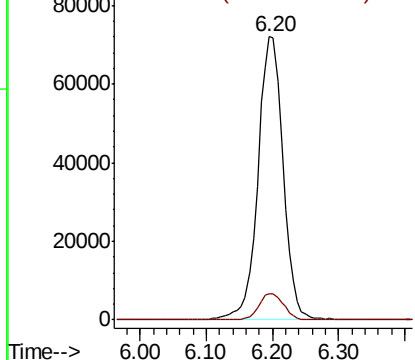


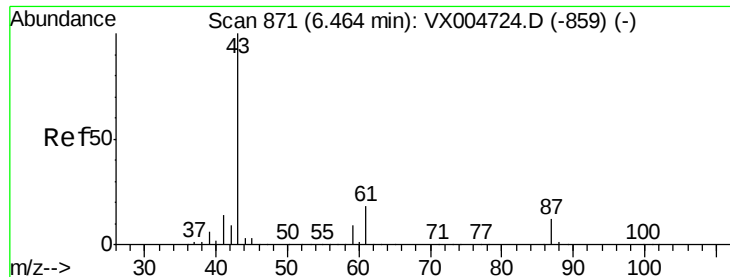
#42
1,2-Dichloroethane
Concen: 49.003 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion:	62	Resp:	190578
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	20.2



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





#43

Isopropyl Acetate

Concen: 53.325 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

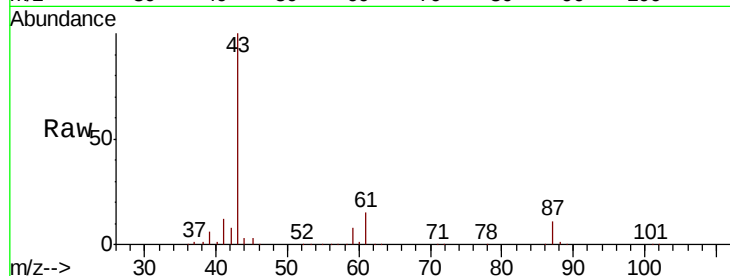
Tot Ion: 43 Resp: 359011

Ion Ratio Lower Upper

43 100

61 19.1 14.2 21.4

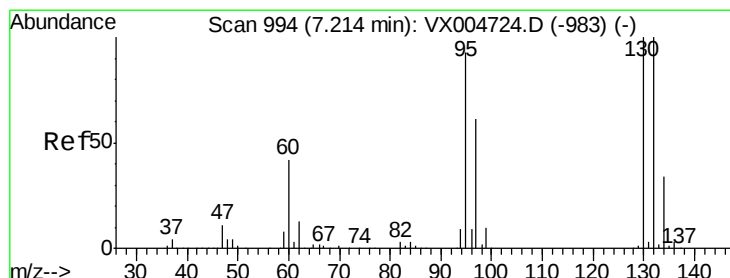
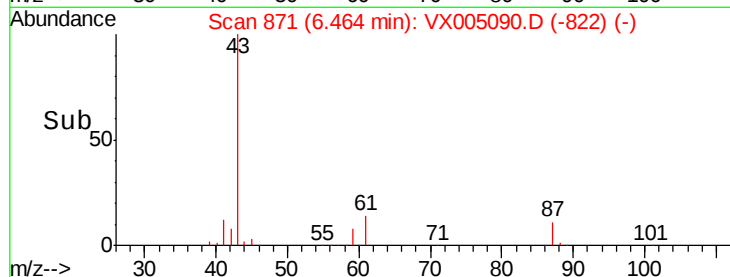
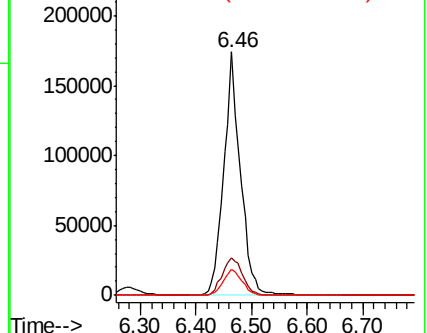
87 12.2 9.3 13.9



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: 50.935 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005090.D

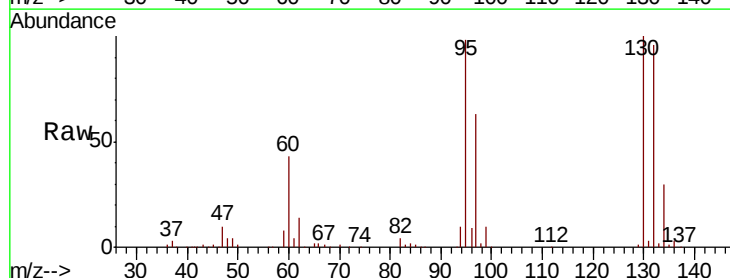
Acq: 06 Oct 2018 01:59

Tgt Ion:130 Resp: 137752

Ion Ratio Lower Upper

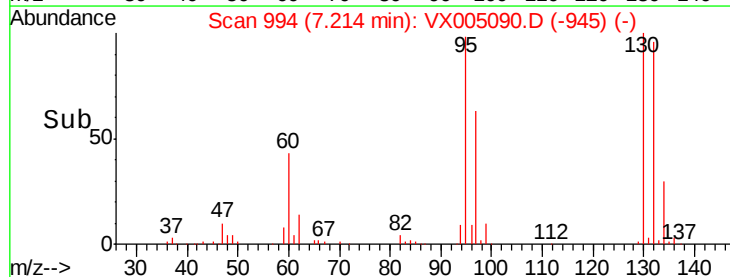
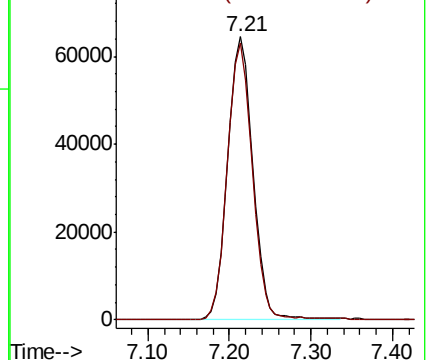
130 100

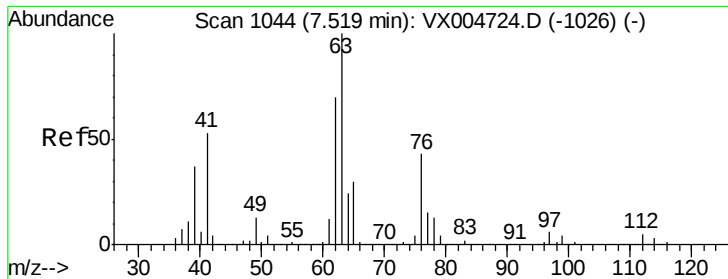
95 97.9 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 51.996 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

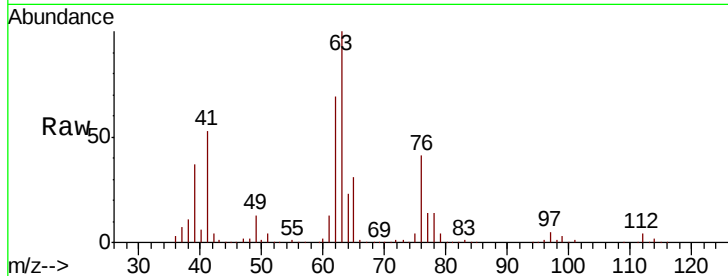
VSTDCCC050EC

Tot Ion: 63 Resp: 140278

Ion Ratio Lower Upper

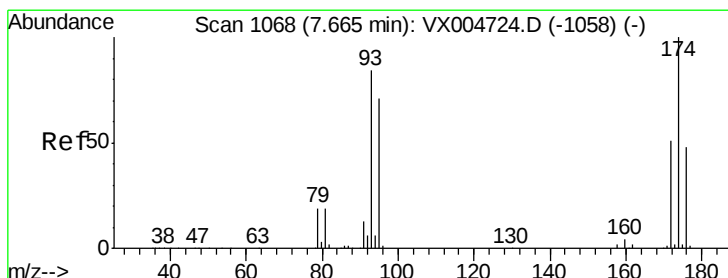
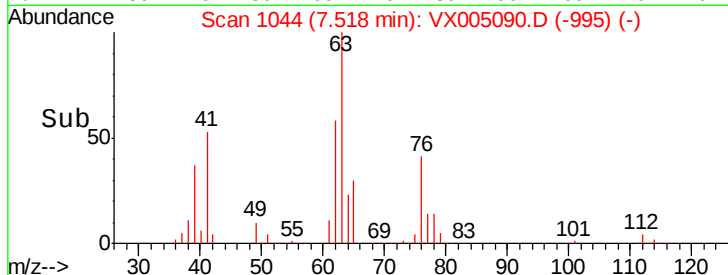
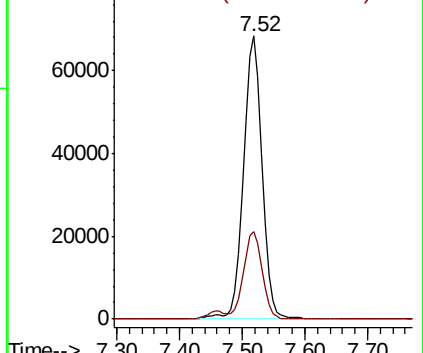
63 100

65 31.1 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.021 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

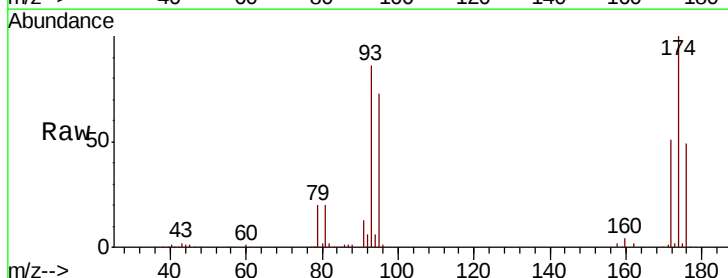
Tgt Ion: 93 Resp: 89897

Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

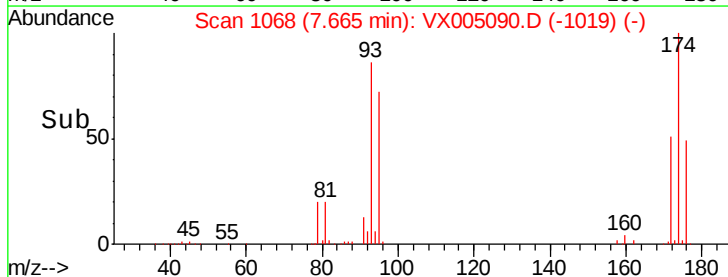
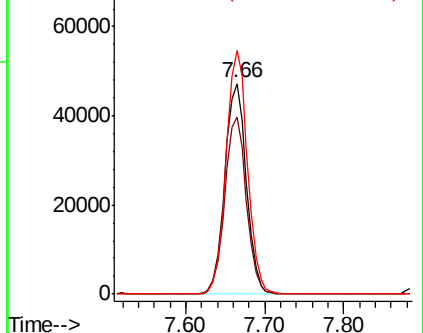
174 114.6 92.7 139.1

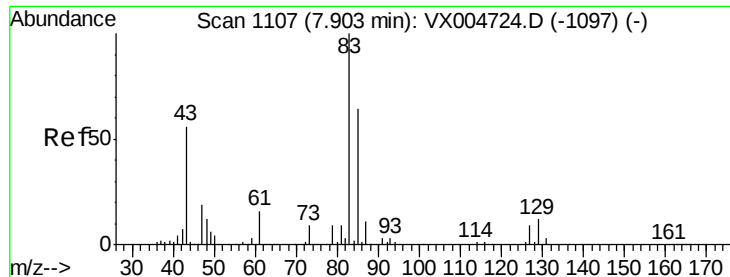


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.819 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

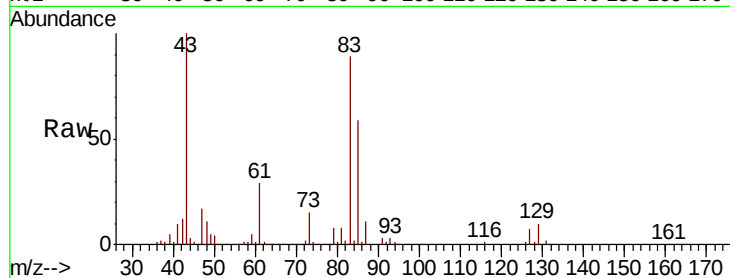
Tot Ion: 83 Resp: 174020

Ion Ratio Lower Upper

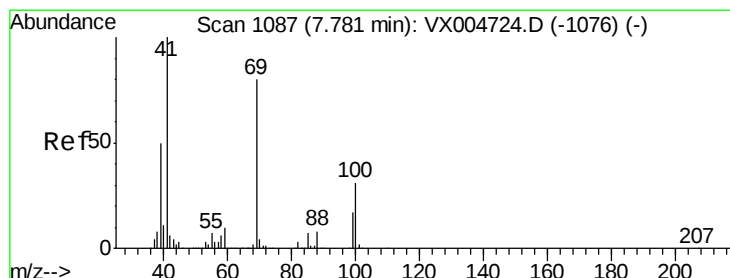
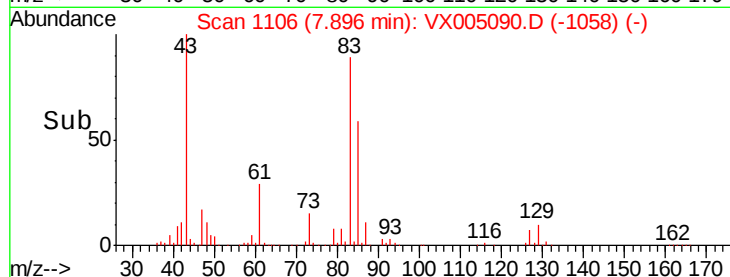
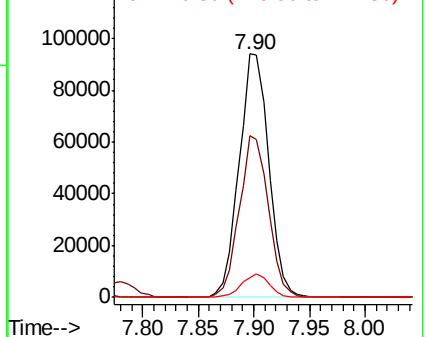
83 100

85 66.2 51.2 76.8

127 8.3 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: 58.835 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

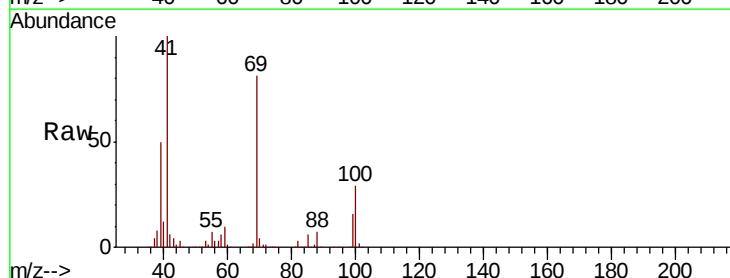
Tgt Ion: 41 Resp: 179789

Ion Ratio Lower Upper

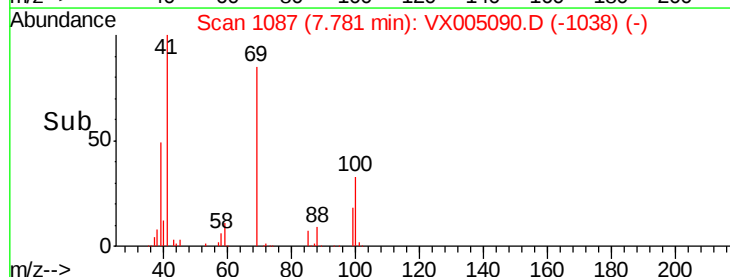
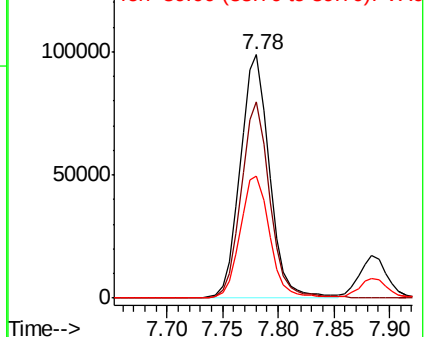
41 100

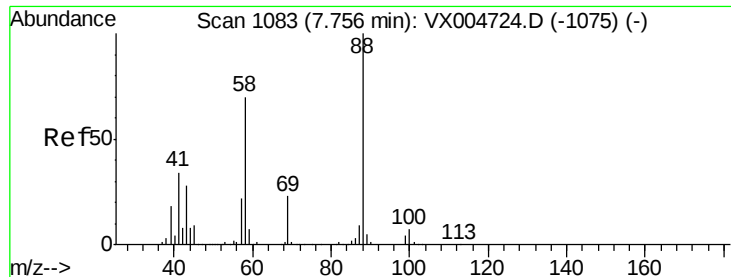
69 79.6 63.8 95.6

39 50.5 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

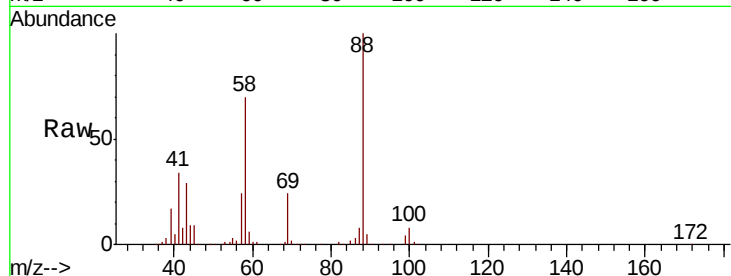




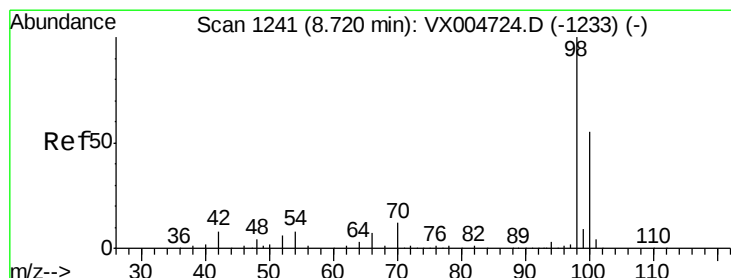
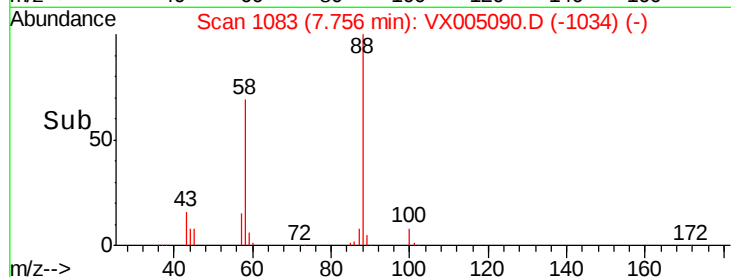
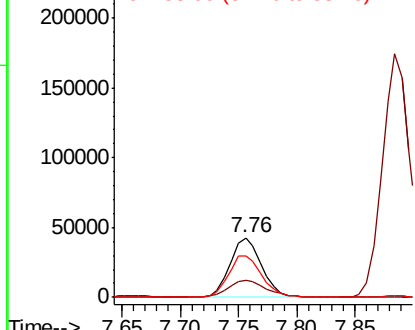
#49
1,4-Dioxane
Concen: 1061.609 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 80595
Ion Ratio Lower Upper
88 100
43 33.4 25.1 37.7
58 73.3 56.2 84.2

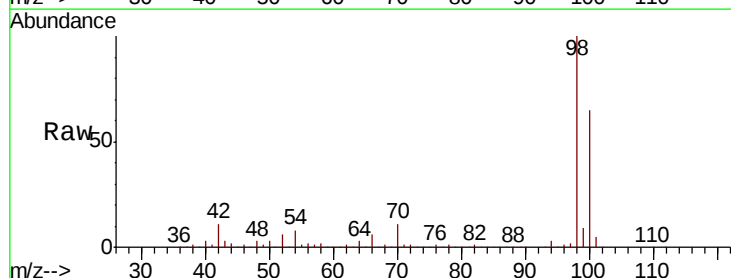


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

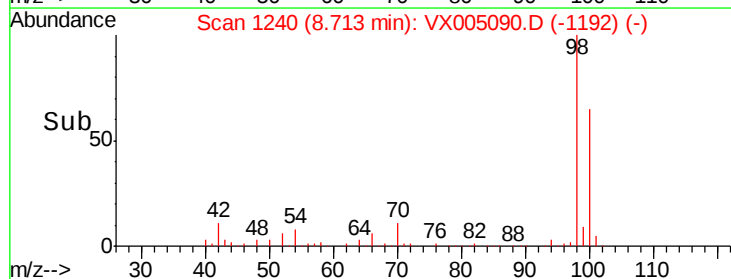
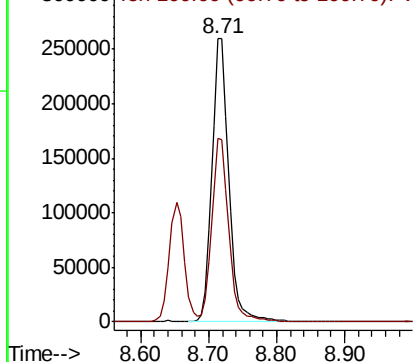


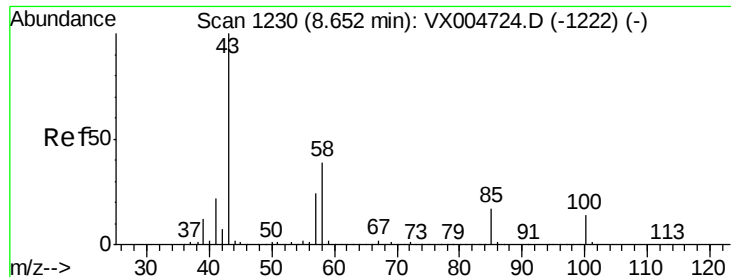
#50
Toluene-d8
Concen: 52.335 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 98 Resp: 448117
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9



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

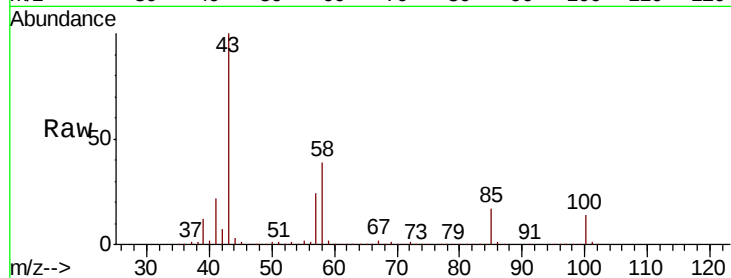




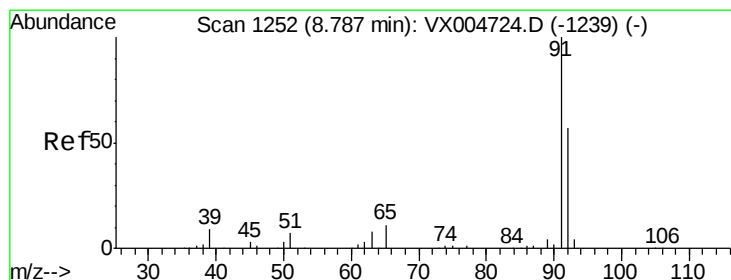
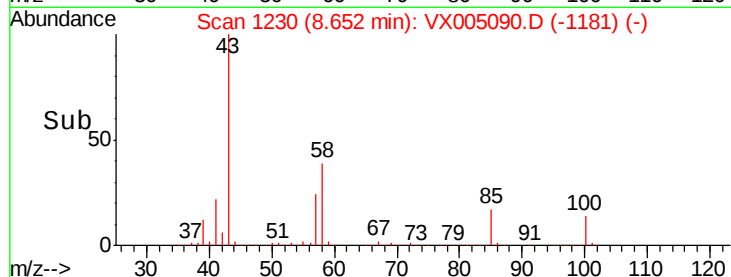
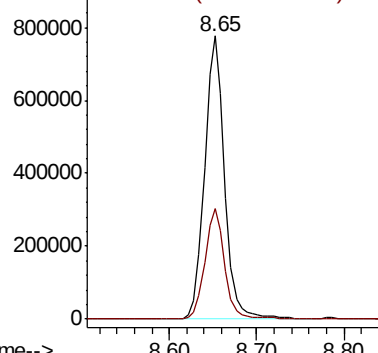
#51
4-Methyl-2-Pentanone
Concen: 290.636 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1232037
Ion Ratio Lower Upper
43 100
58 38.8 30.5 45.7

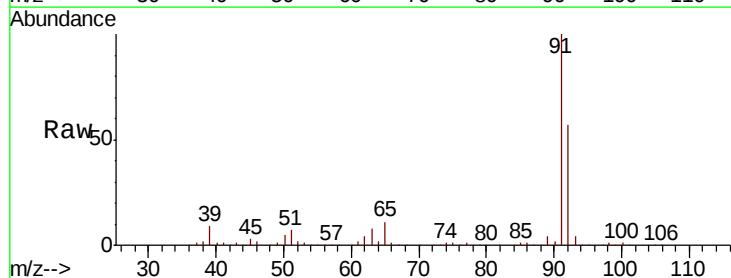


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

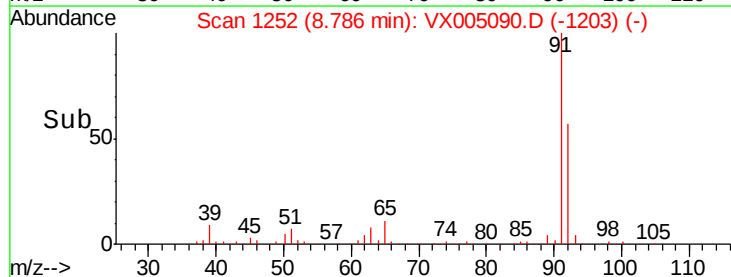
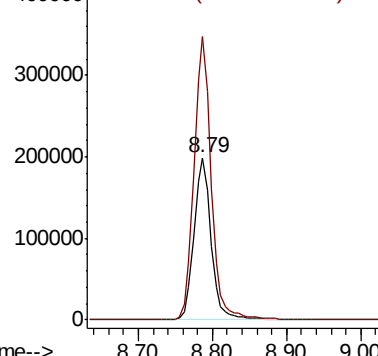


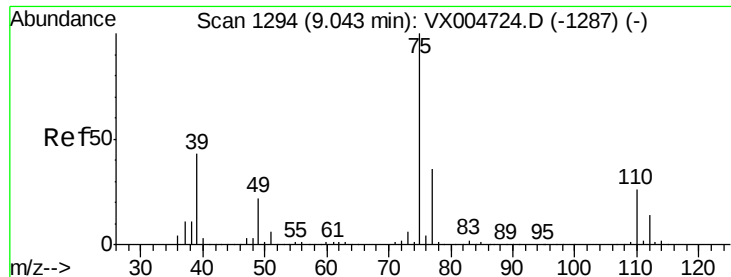
#52
Toluene
Concen: 52.600 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 92 Resp: 317967
Ion Ratio Lower Upper
92 100
91 175.7 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 52.223 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

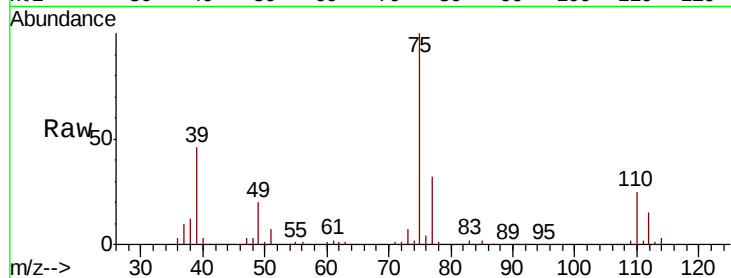
VSTDCCC050EC

Tot Ion: 75 Resp: 187336

Ion Ratio Lower Upper

75 100

77 32.3 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

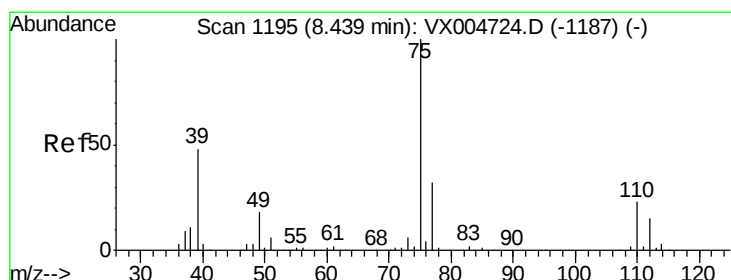
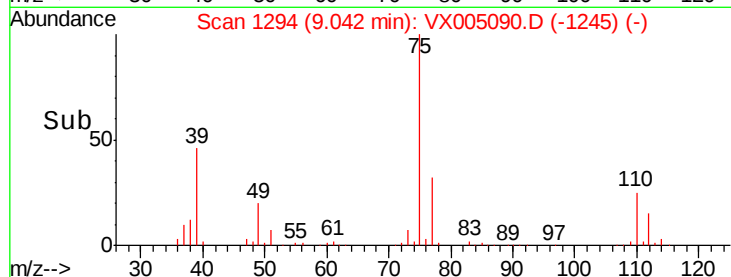
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.967 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

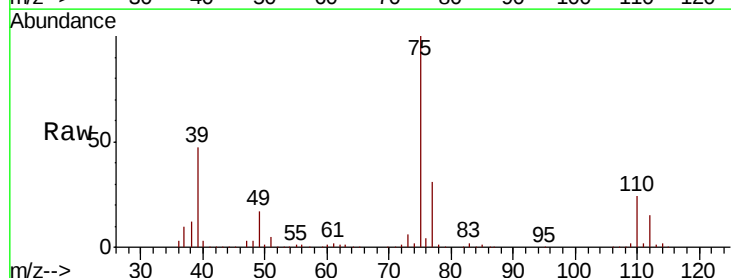
Tgt Ion: 75 Resp: 202772

Ion Ratio Lower Upper

75 100

77 30.9 25.7 38.5

39 46.8 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

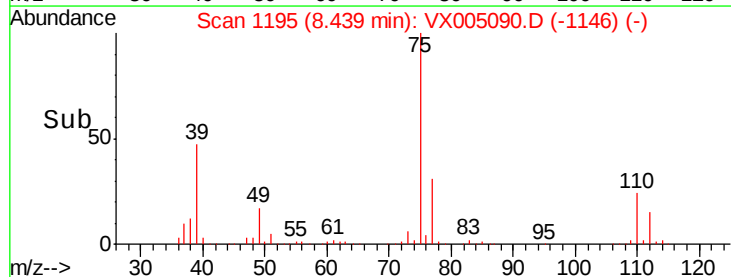
150000

100000

50000

0

Time-->

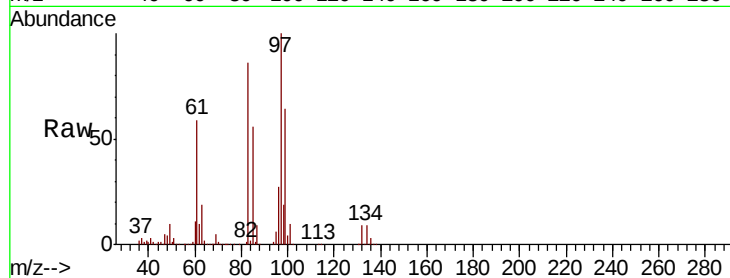




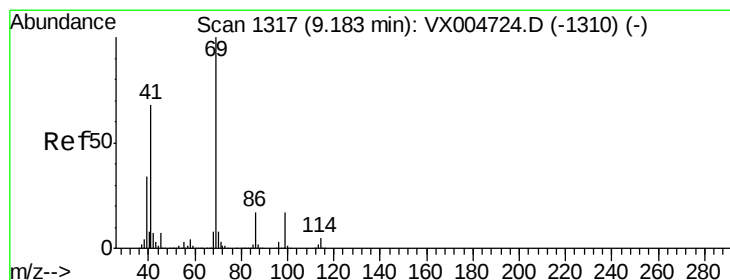
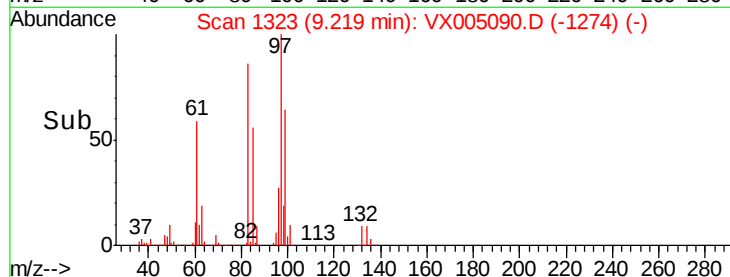
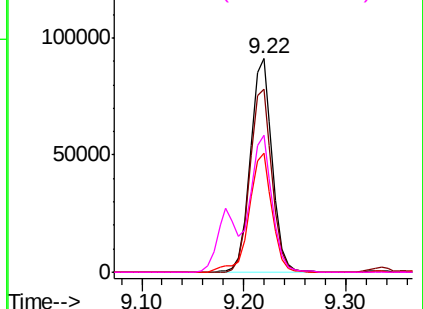
#55
 1,1,2-Trichloroethane
 Concen: 51.619 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	136684
Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.2
85	55.8	49.9	74.9
99	63.9	48.9	73.3

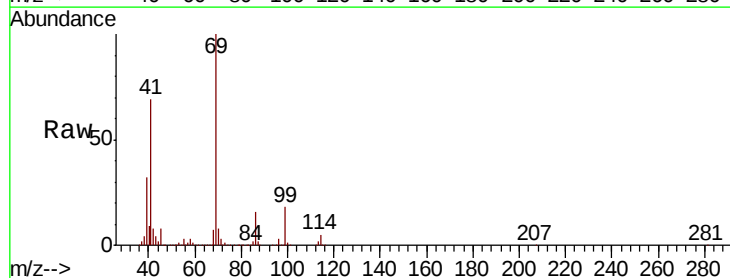


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

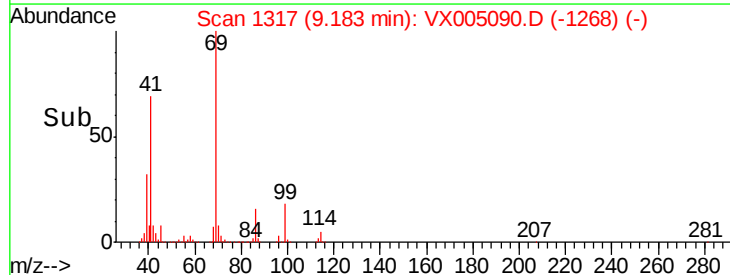
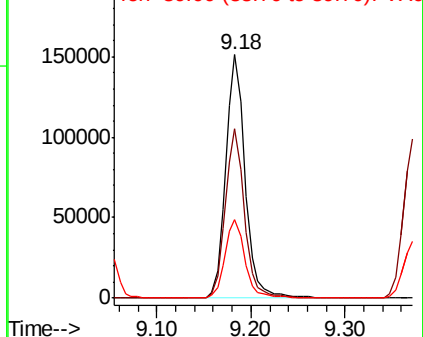


#56
 Ethyl methacrylate
 Concen: 50.199 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion:	69	Resp:	215752
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.9	85.3
39	33.4	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: 51.532 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

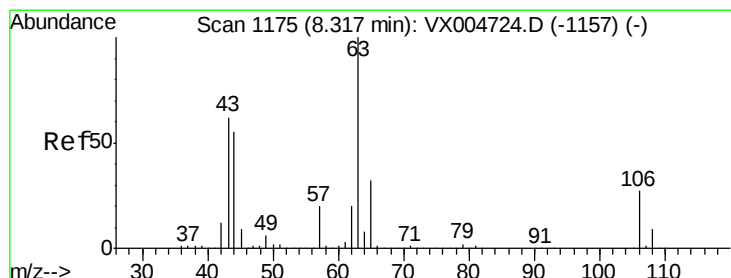
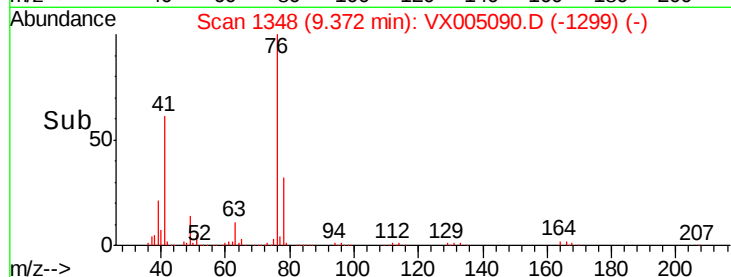
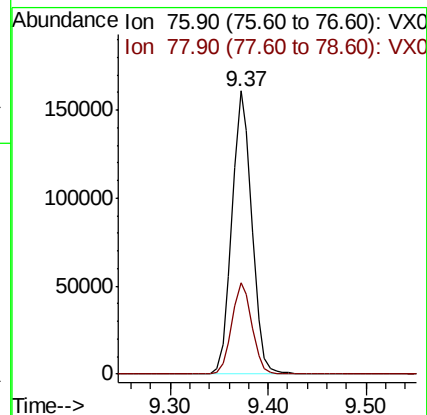
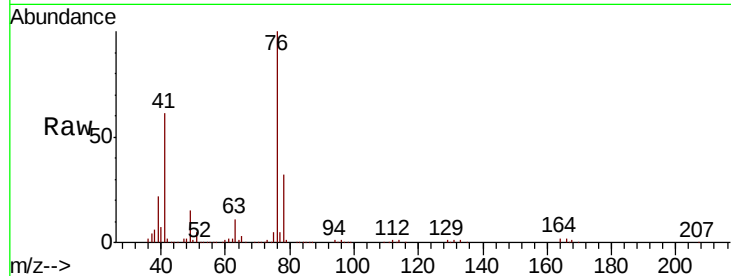
VSTDCCC050EC

Tot Ion: 76 Resp: 227101

Ion Ratio Lower Upper

76 100

78 32.6 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 253.206 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005090.D

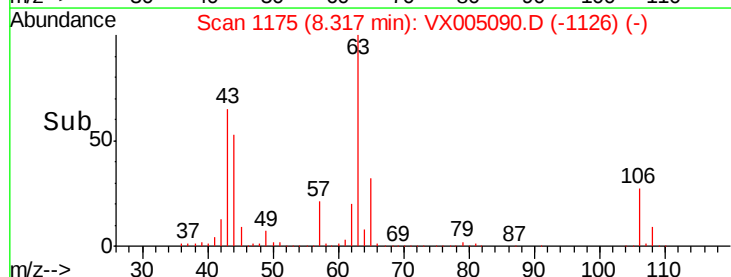
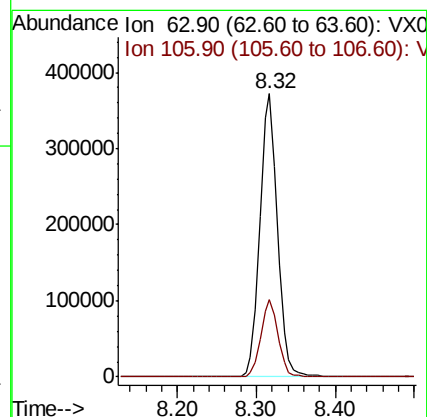
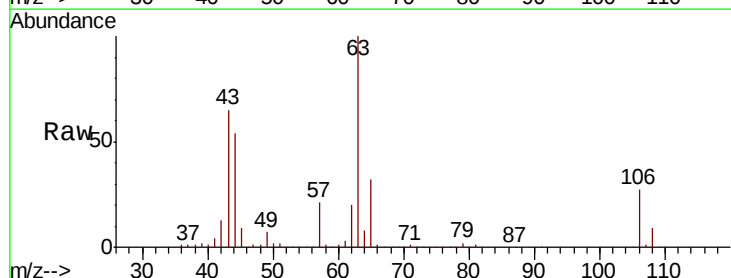
Acq: 06 Oct 2018 01:59

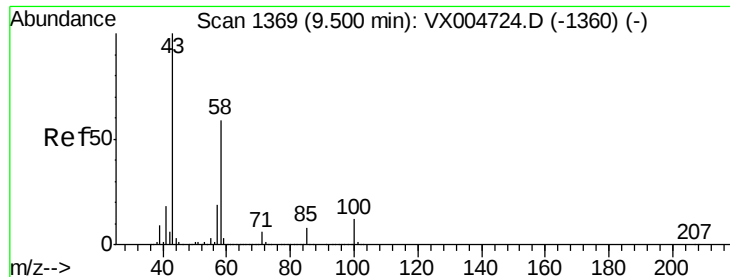
Tgt Ion: 63 Resp: 578147

Ion Ratio Lower Upper

63 100

106 26.8 21.0 31.6

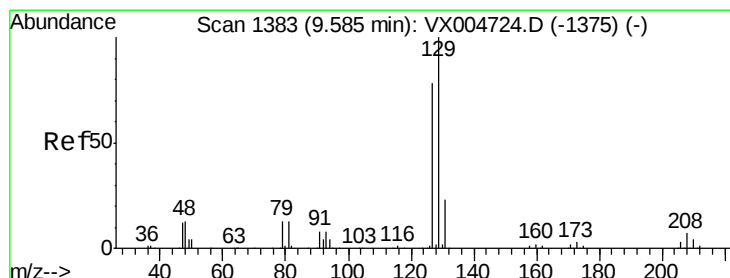
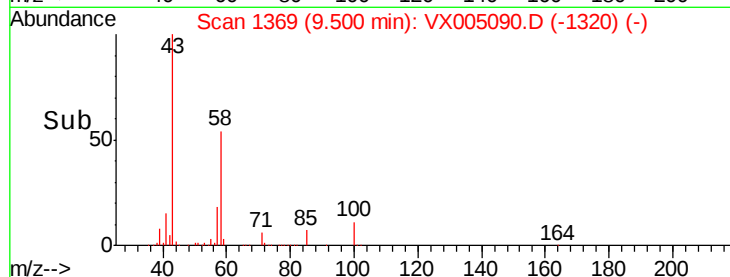
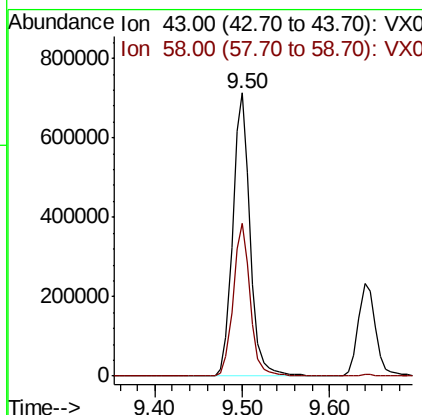
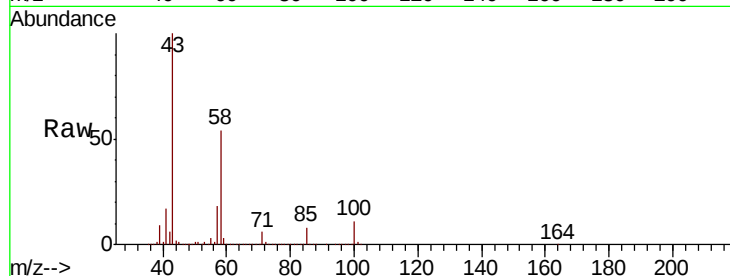




#59
2-Hexanone
Concen: 279.842 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

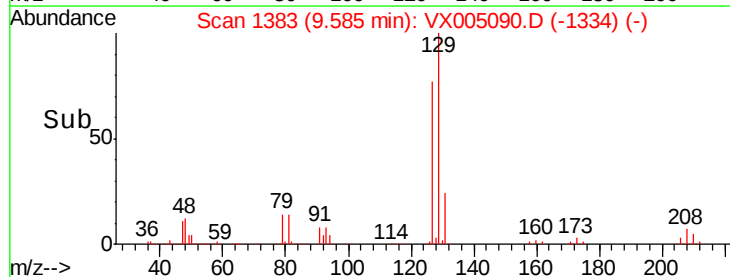
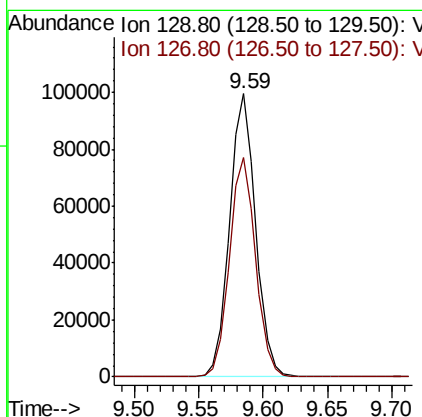
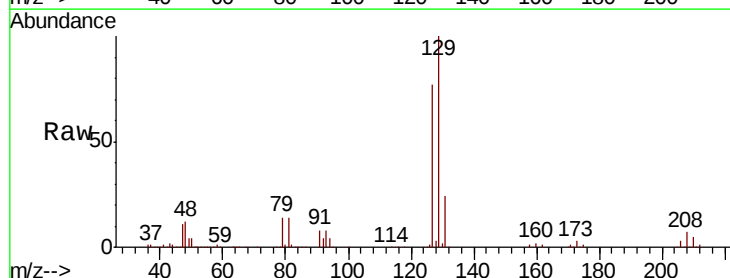
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 988548
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3



#60
Dibromochloromethane
Concen: 53.214 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion:129 Resp: 140918
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

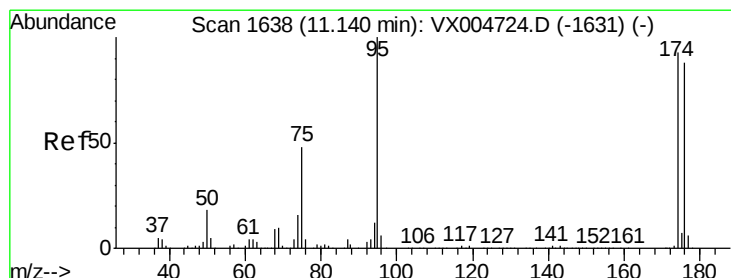
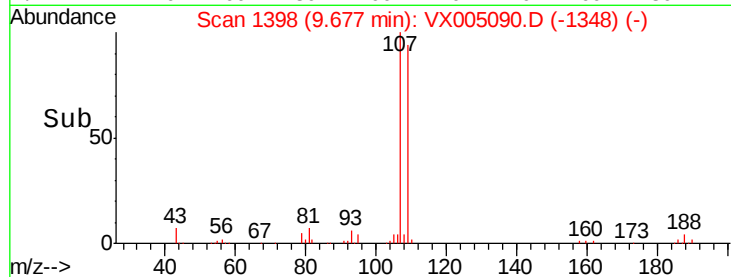
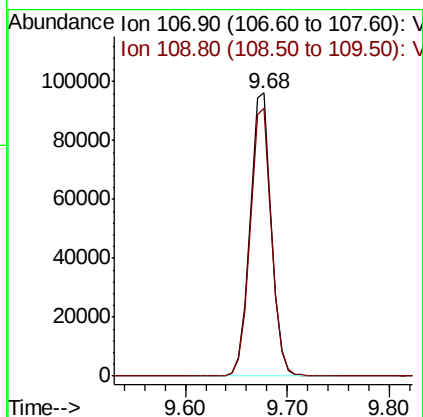
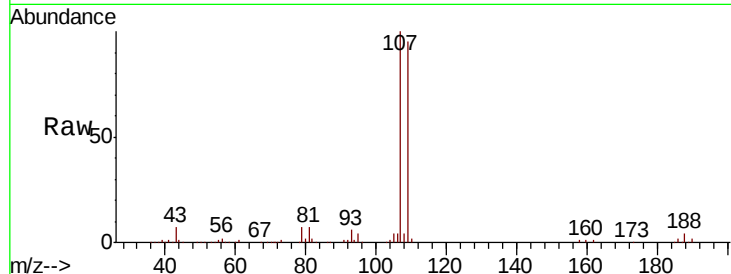




#61
 1,2-Dibromoethane
 Concen: 49.699 ug/l
 RT: 9.68 min Scan# 1398
 Delta R.T. 0.01 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

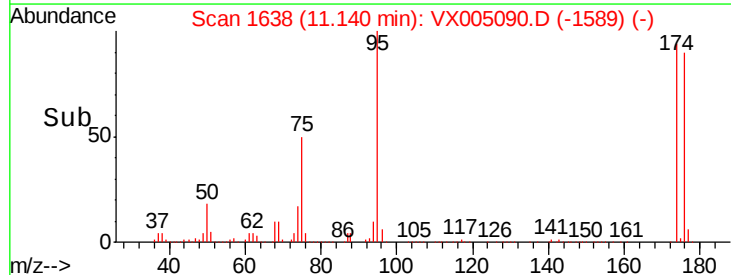
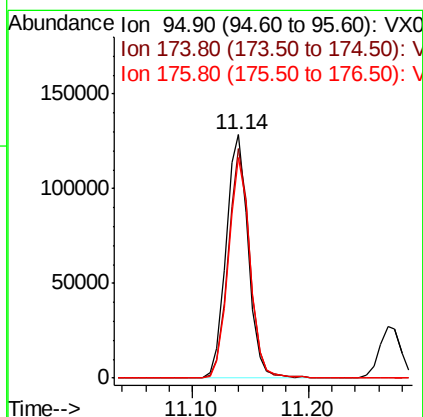
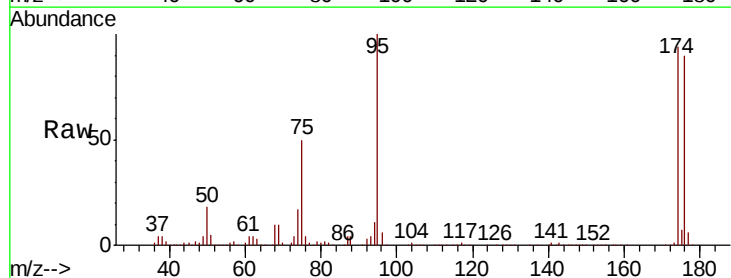
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

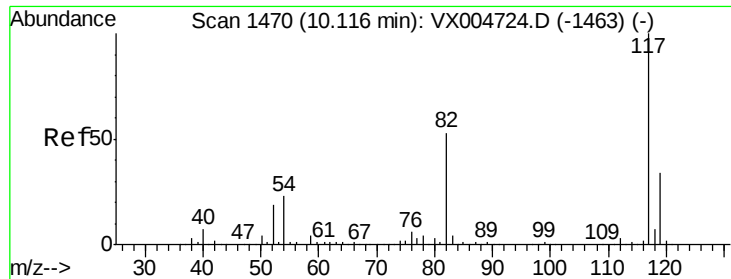
Tot Ion:107 Resp: 140936
 Ion Ratio Lower Upper
 107 100
 109 95.2 72.1 108.1



#62
 4-Bromofluorobenzene
 Concen: 54.926 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion: 95 Resp: 169428
 Ion Ratio Lower Upper
 95 100
 174 91.7 0.0 185.0
 176 89.1 0.0 180.2

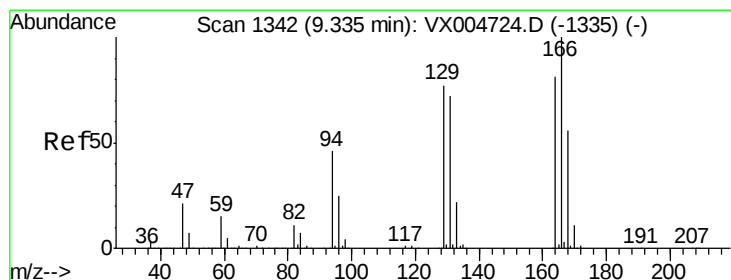
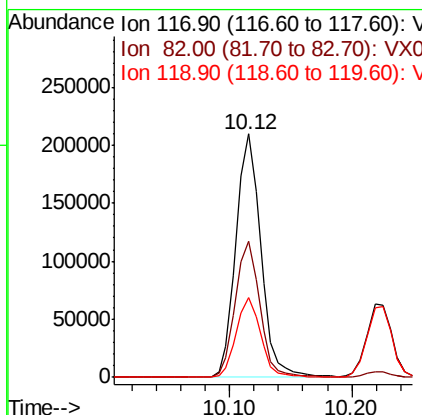
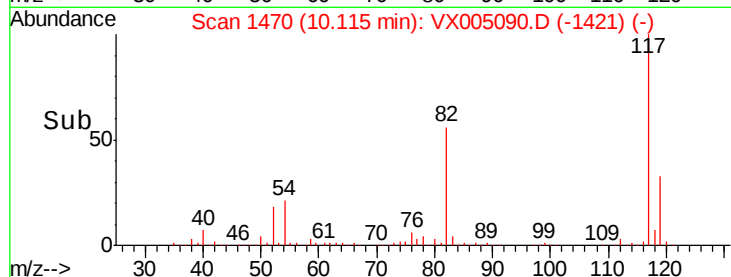
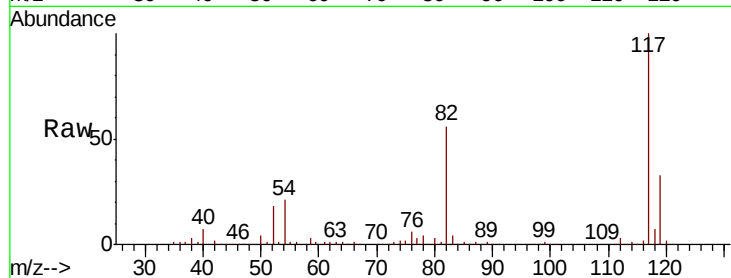




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

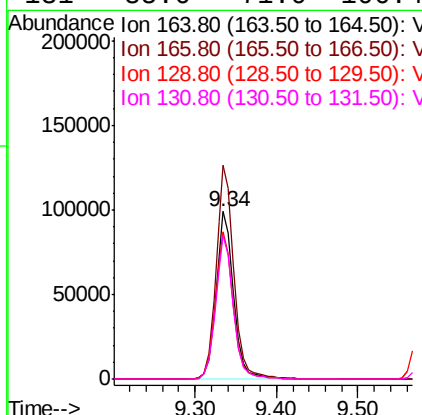
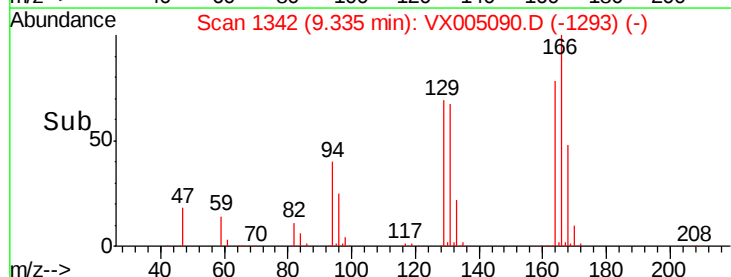
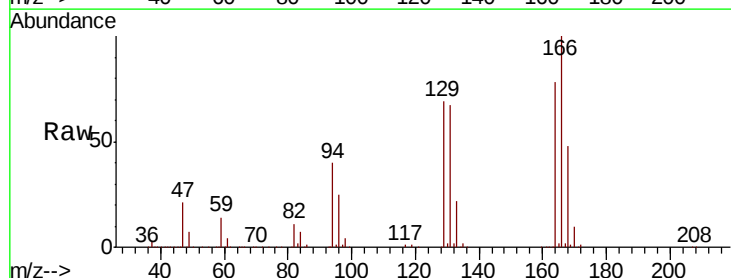
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 295411
Ion Ratio Lower Upper
117 100
82 56.1 42.2 63.4
119 32.7 27.4 41.0



#64
Tetrachloroethene
Concen: 51.287 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion:164 Resp: 149115
Ion Ratio Lower Upper
164 100
166 127.8 98.4 147.6
129 87.8 76.1 114.1
131 85.6 71.0 106.4

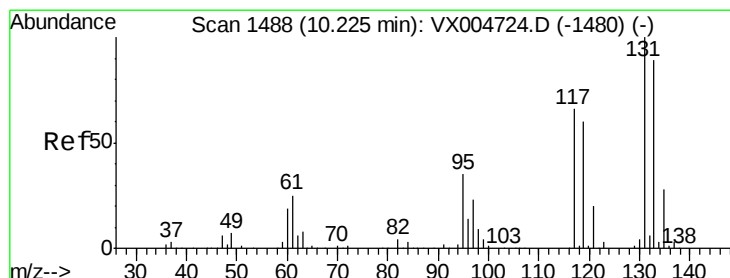
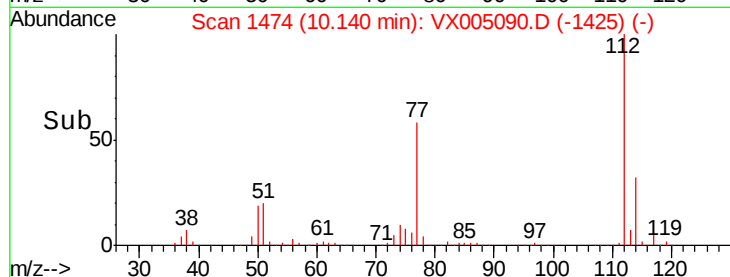
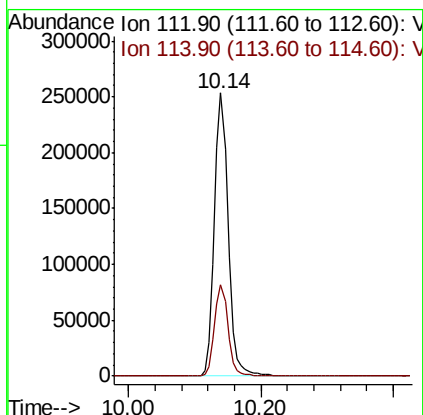
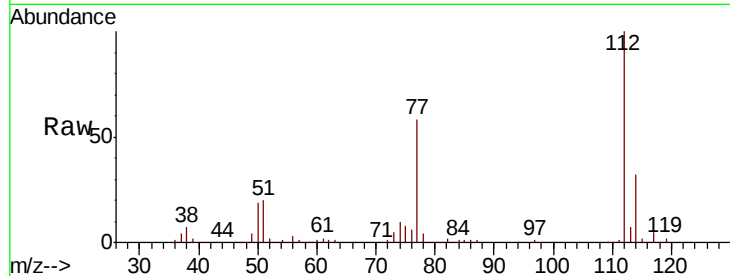




#65
Chlorobenzene
Concen: 47.833 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

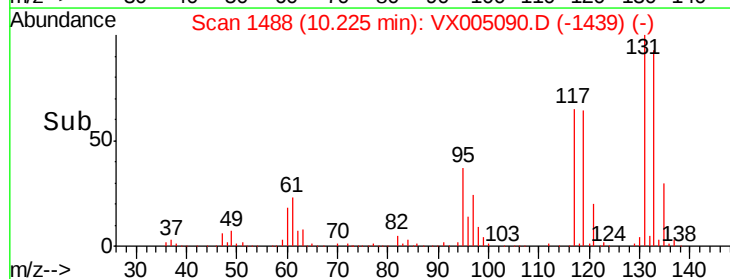
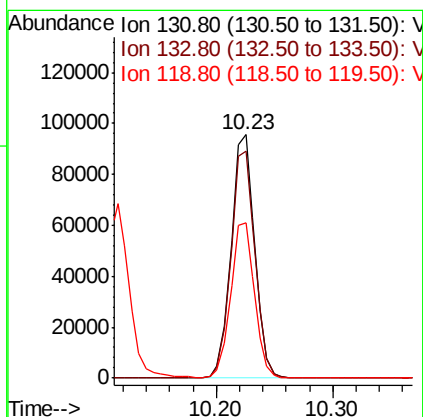
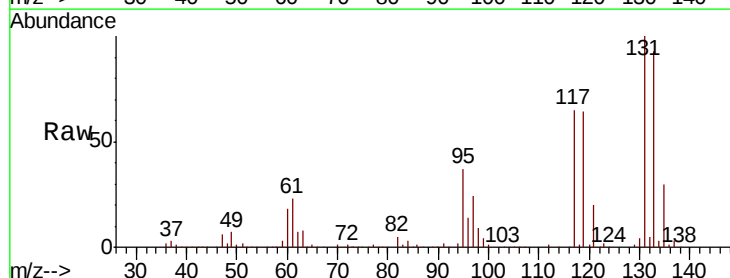
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 362344
Ion Ratio Lower Upper
112 100
114 32.3 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.447 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion:131 Resp: 134346
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 64.7 32.3 96.8

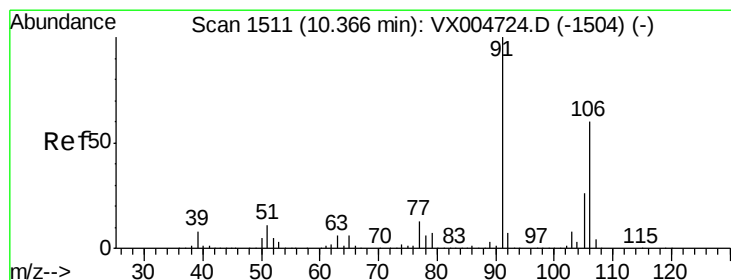
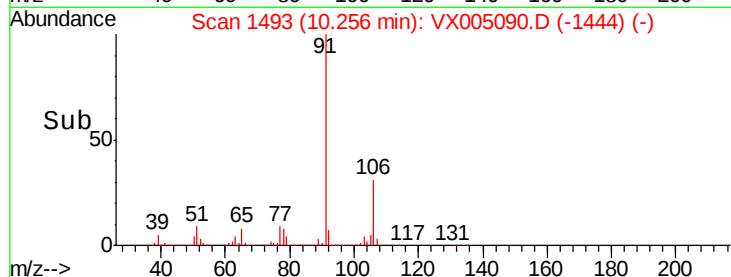
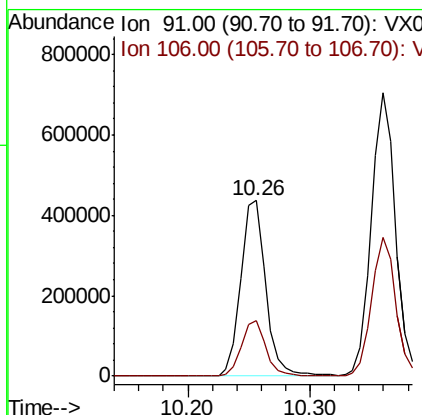
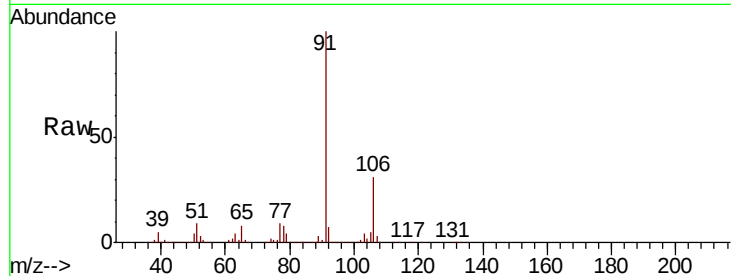




#67
Ethyl Benzene
Concen: 51.463 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

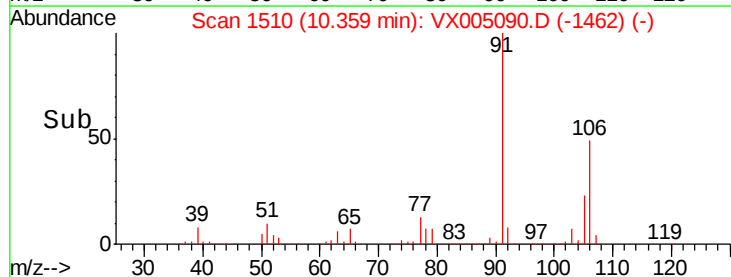
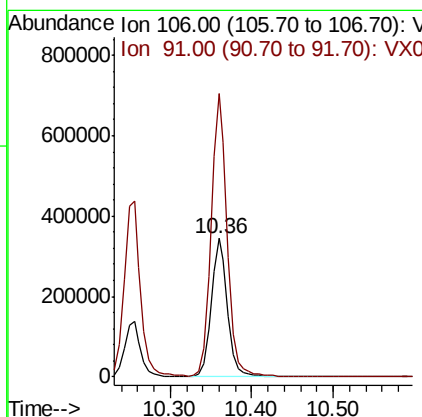
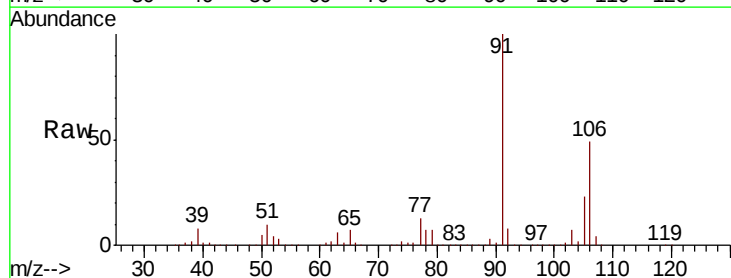
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

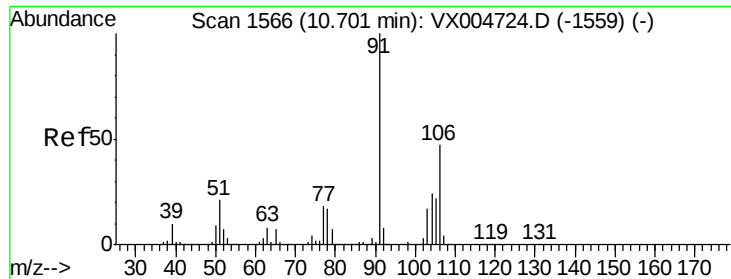
Tot Ion: 91 Resp: 618927
Ion Ratio Lower Upper
91 100
106 31.4 26.9 40.3



#68
m/p-Xylenes
Concen: 102.335 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 106 Resp: 480935
Ion Ratio Lower Upper
106 100
91 204.3 157.5 236.3

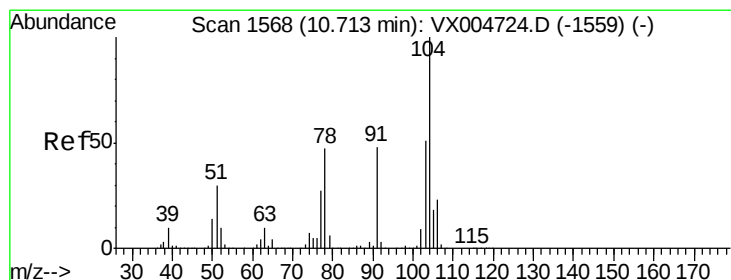
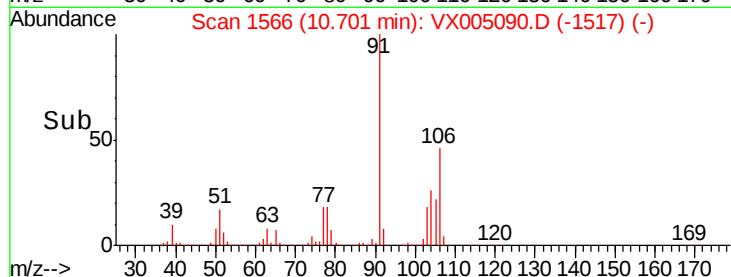
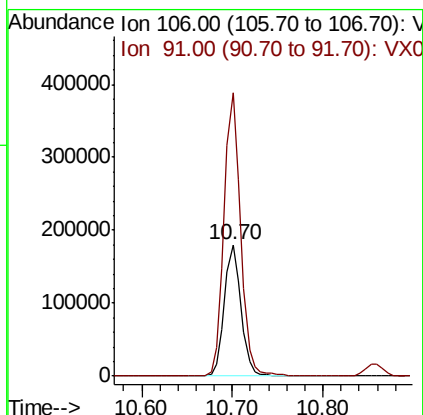
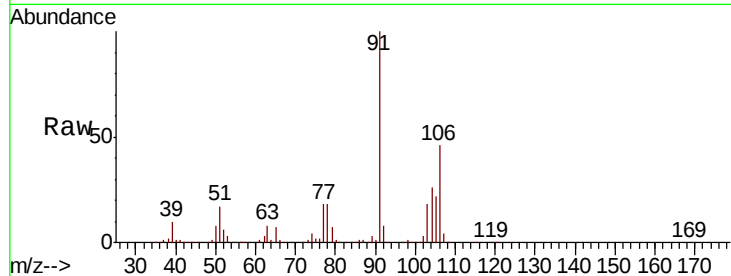




#69
o-Xylene
Concen: 53.757 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

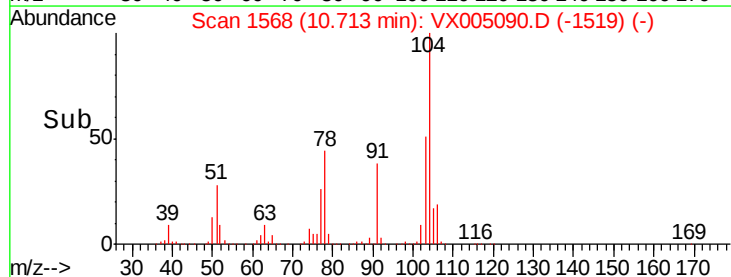
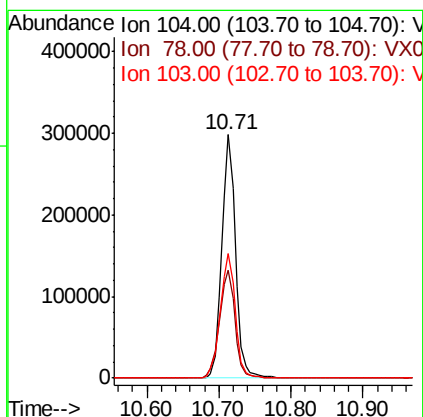
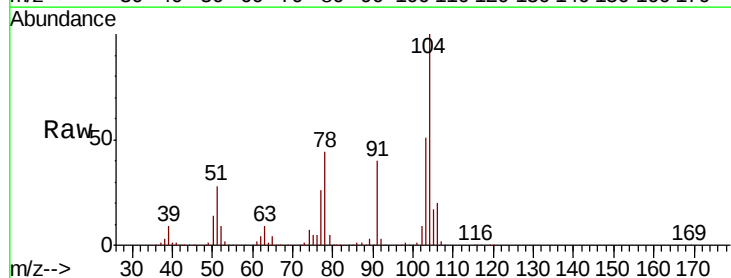
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

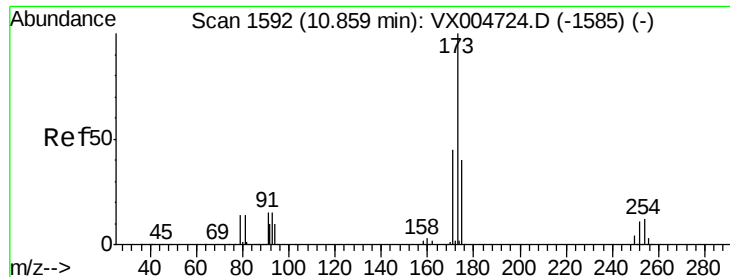
Tot Ion:106 Resp: 232047
Ion Ratio Lower Upper
106 100
91 214.9 108.3 324.8



#70
Styrene
Concen: 49.083 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion:104 Resp: 395934
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 56.1 44.3 66.5





#71

Bromoform

Concen: 51.705 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

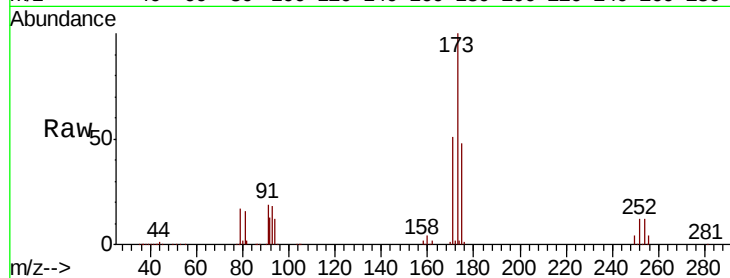
Tot Ion:173 Resp: 117885

Ion Ratio Lower Upper

173 100

175 48.6 23.3 69.8

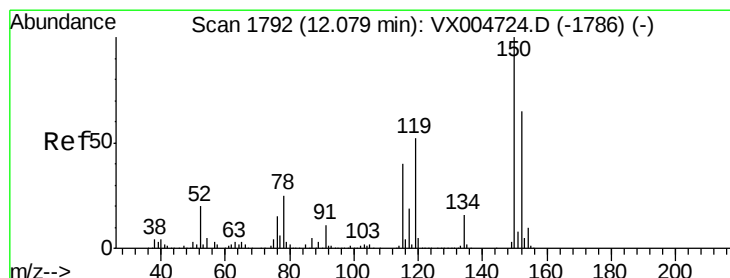
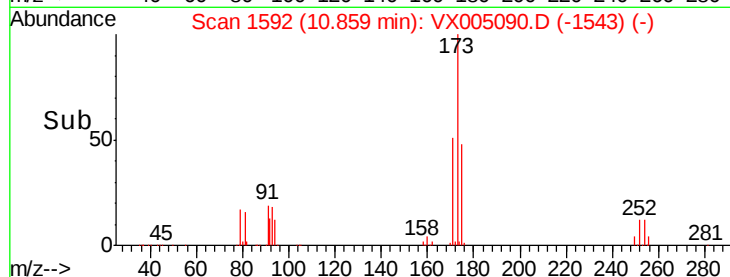
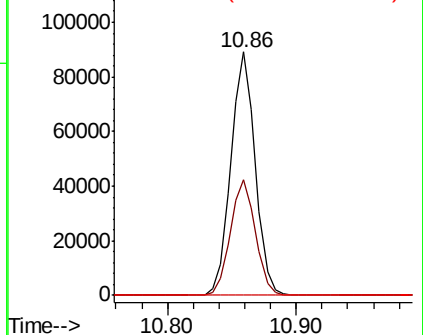
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

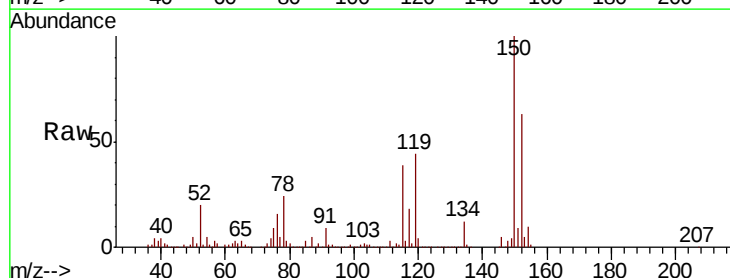
Tgt Ion:152 Resp: 185342

Ion Ratio Lower Upper

152 100

115 80.3 40.2 120.6

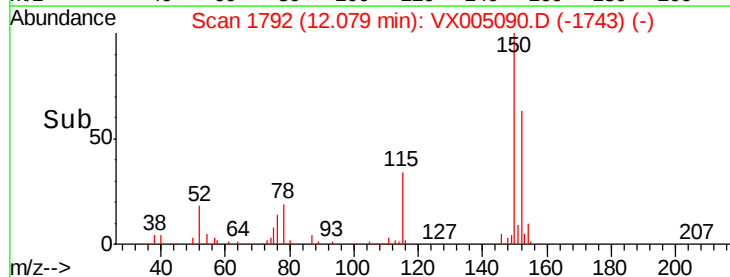
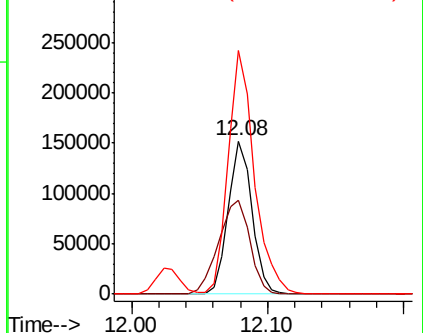
150 174.8 0.0 351.0

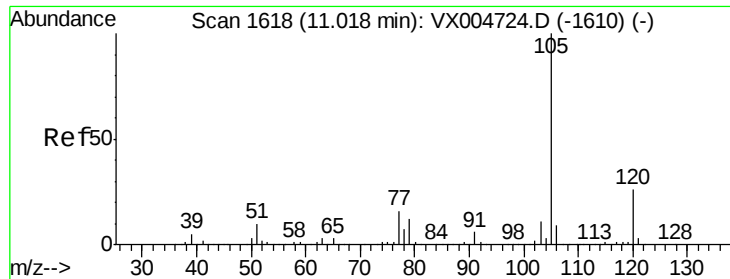


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.350 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

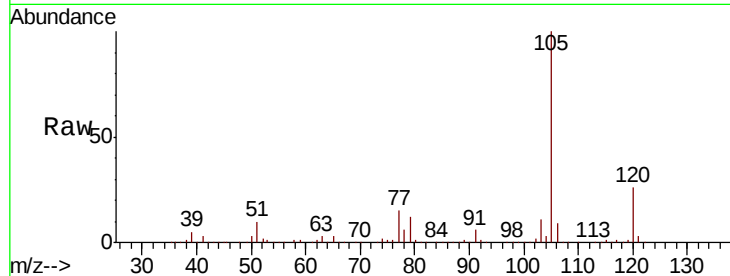
VSTDCCC050EC

Tot Ion:105 Resp: 634941

Ion Ratio Lower Upper

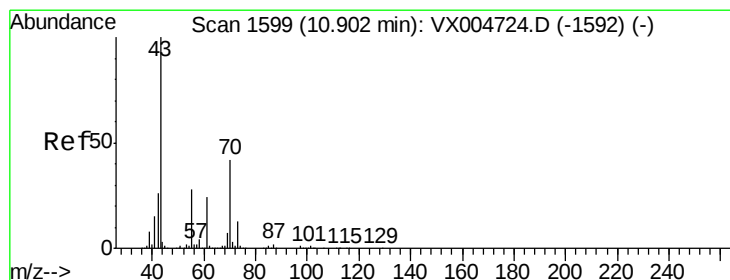
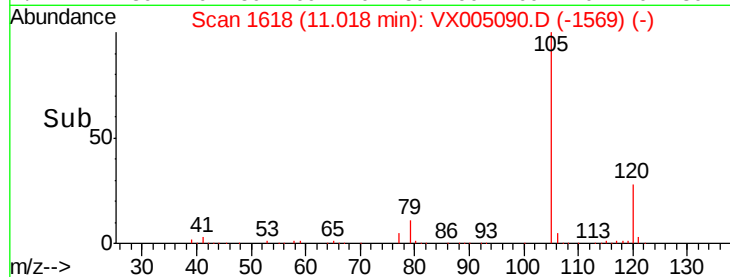
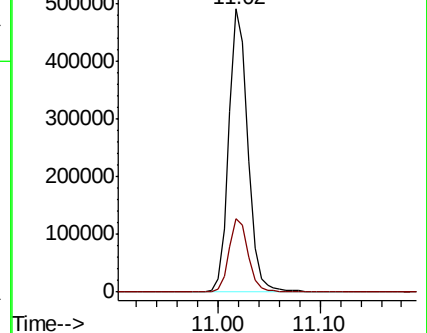
105 100

120 26.2 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: 48.800 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Tgt Ion: 43 Resp: 313075

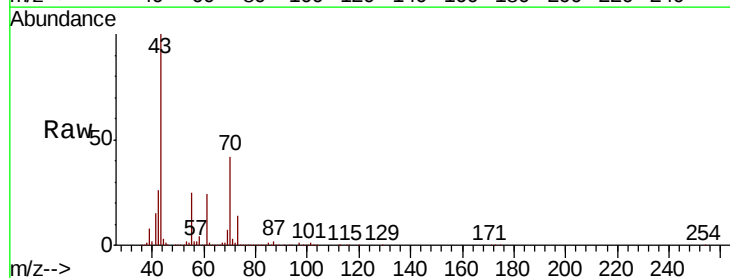
Ion Ratio Lower Upper

43 100

70 41.0 32.6 48.8

55 25.0 21.6 32.4

61 23.7 19.1 28.7

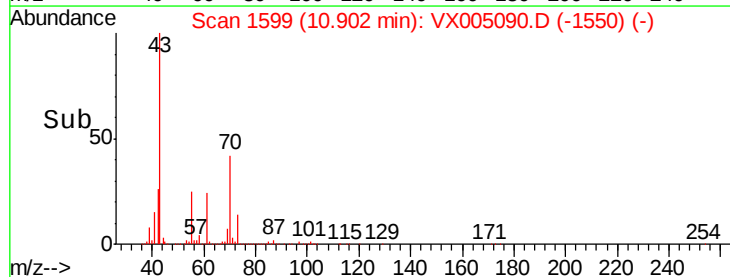
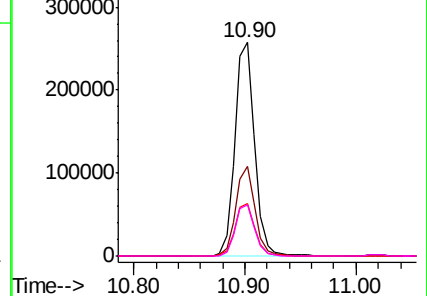


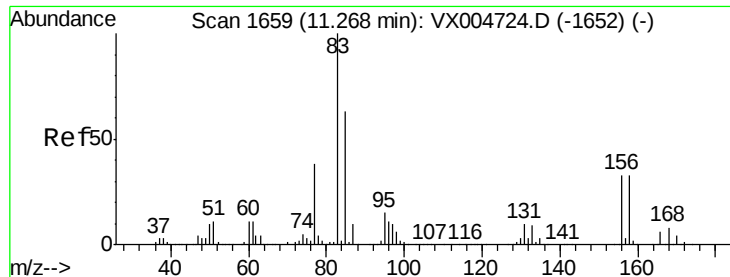
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.653 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

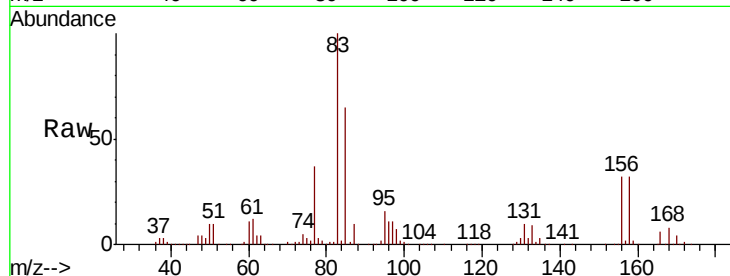
Tot Ion: 83 Resp: 226615

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

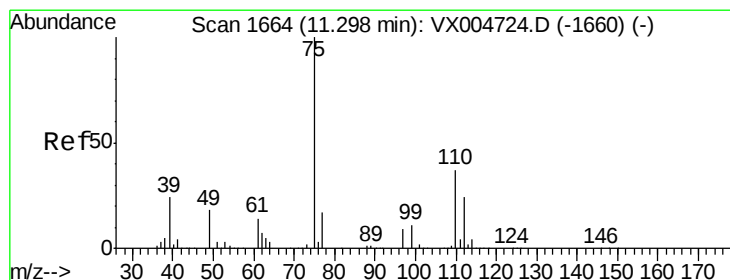
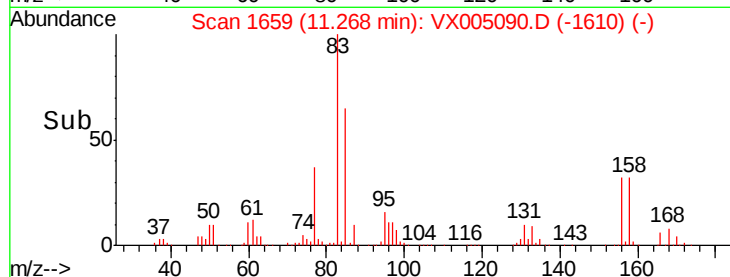
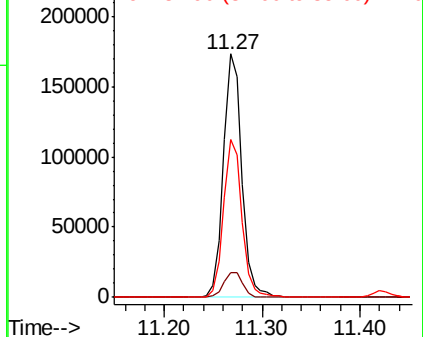
85 64.7 31.9 95.9



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: 62.970 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005090.D

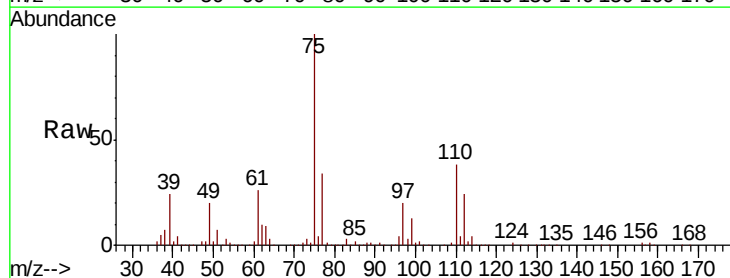
Acq: 06 Oct 2018 01:59

Tgt Ion: 75 Resp: 261589

Ion Ratio Lower Upper

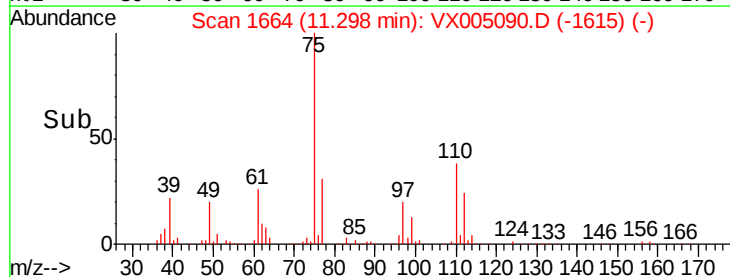
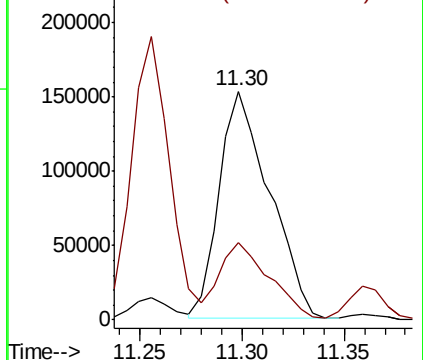
75 100

77 33.8 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: 49.921 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

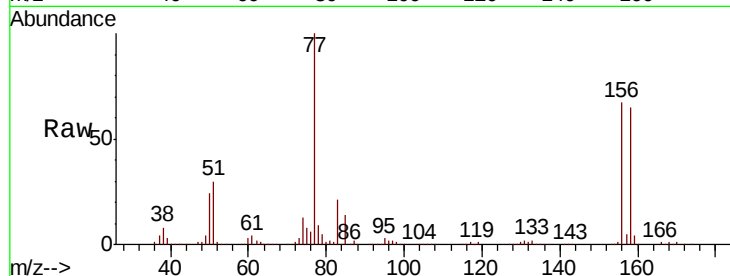
Tot Ion:156 Resp: 169394

Ion Ratio Lower Upper

156 100

77 146.9 73.4 220.2

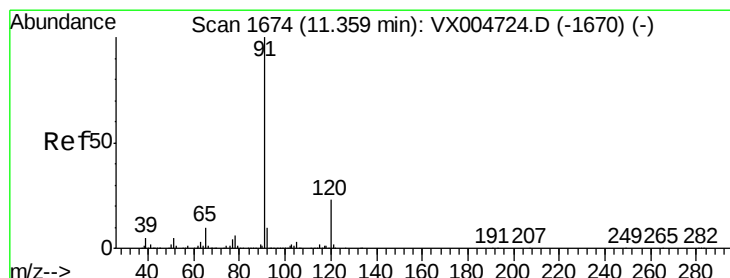
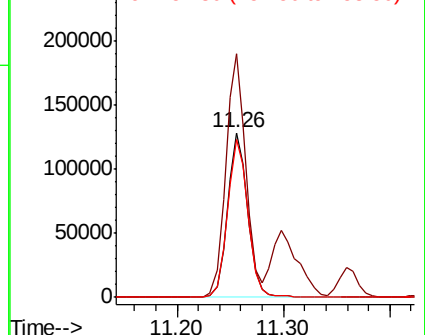
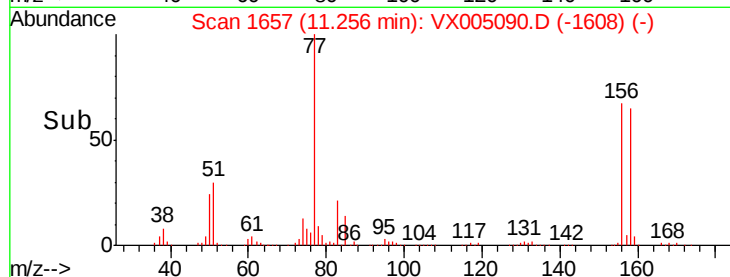
158 98.0 49.1 147.4



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: 54.165 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005090.D

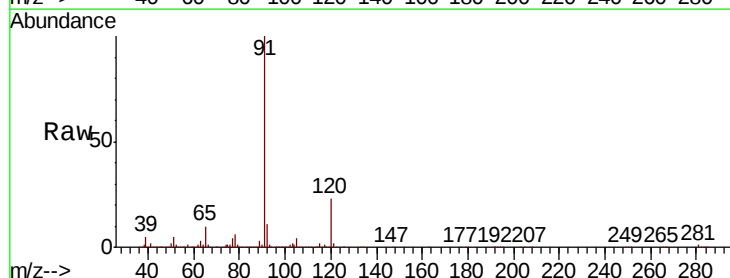
Acq: 06 Oct 2018 01:59

Tgt Ion: 91 Resp: 726040

Ion Ratio Lower Upper

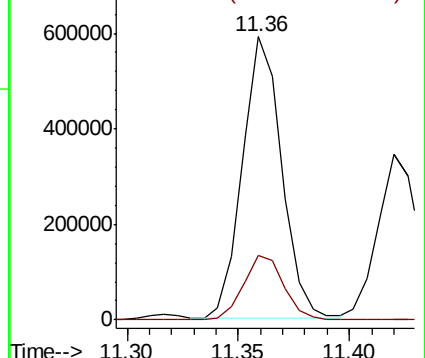
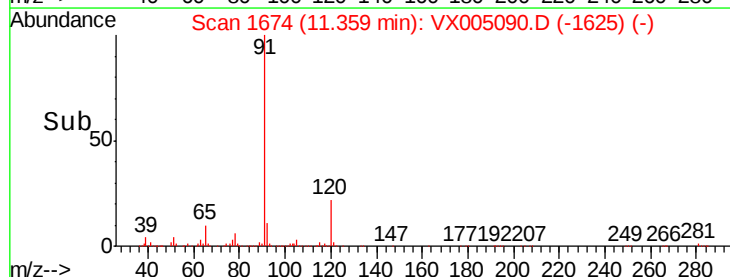
91 100

120 23.7 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: 52.278 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

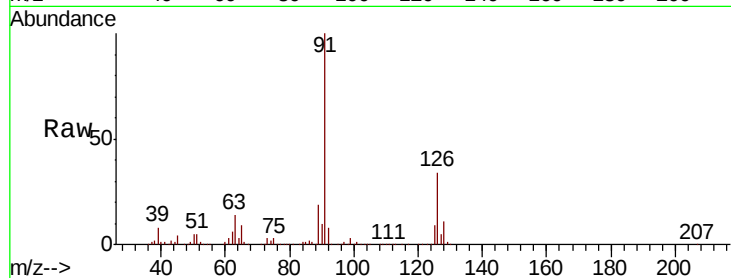
VSTDCCC050EC

Tot Ion: 91 Resp: 436786

Ion Ratio Lower Upper

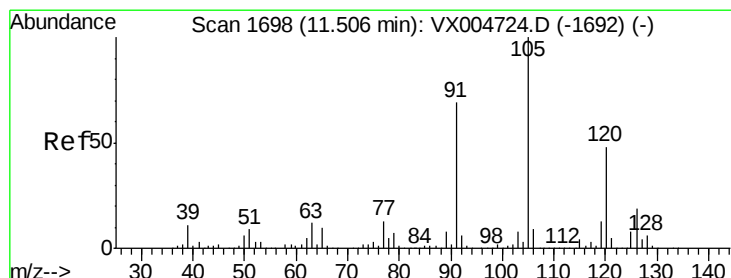
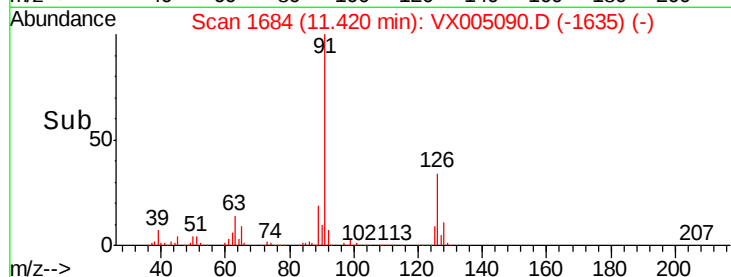
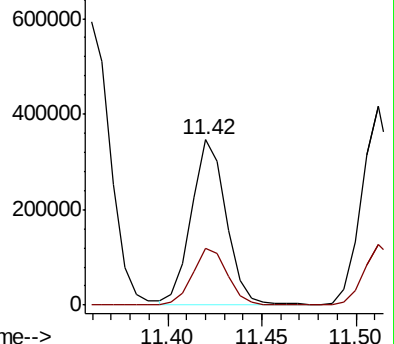
91 100

126 35.0 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.513 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005090.D

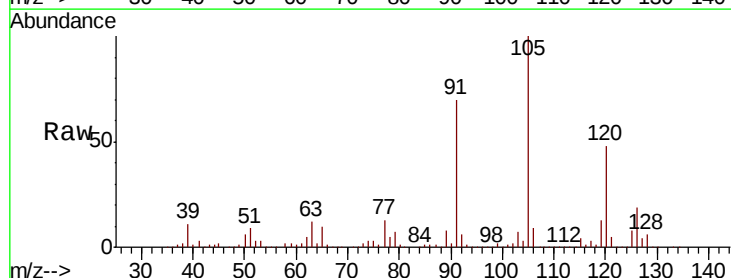
Acq: 06 Oct 2018 01:59

Tgt Ion:105 Resp: 540835

Ion Ratio Lower Upper

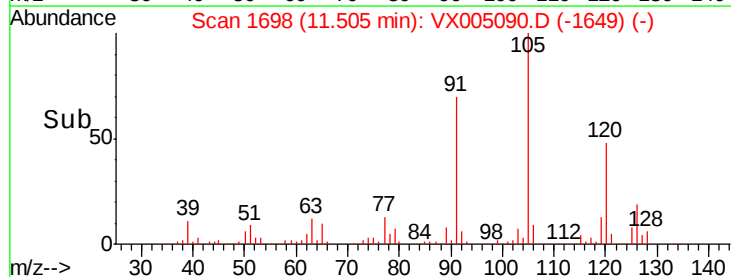
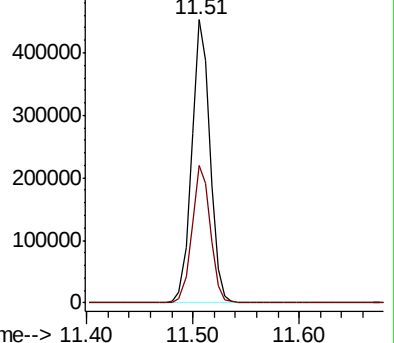
105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 40.537 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

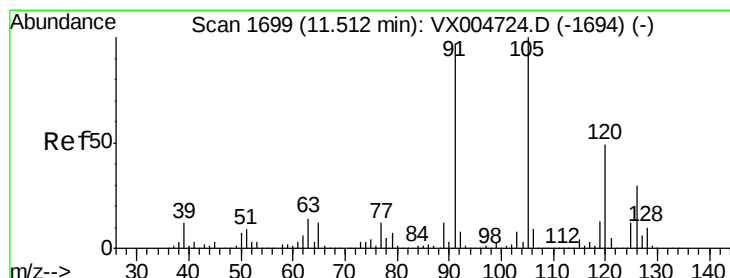
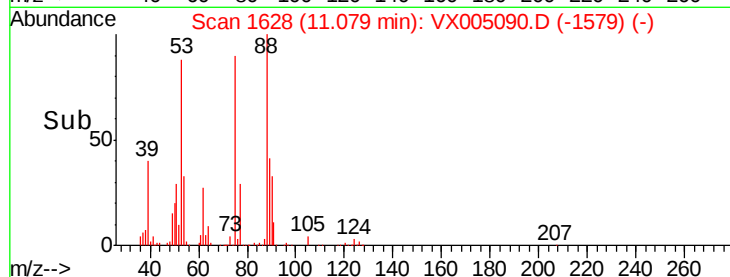
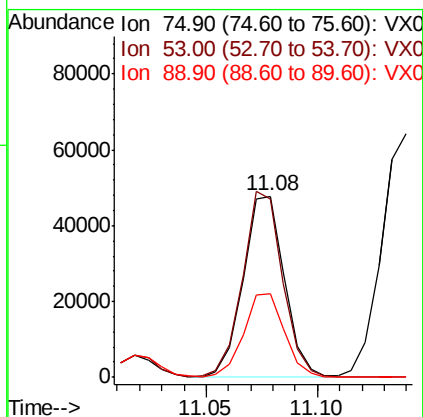
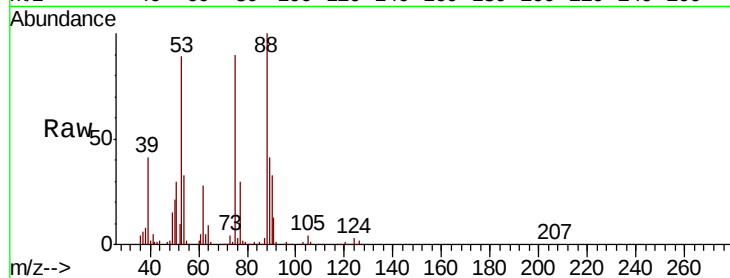
Tot Ion: 75 Resp: 61147

Ion Ratio Lower Upper

75 100

53 101.6 80.2 120.4

89 46.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 52.416 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005090.D

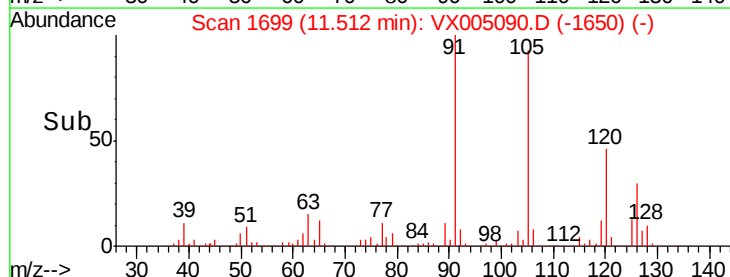
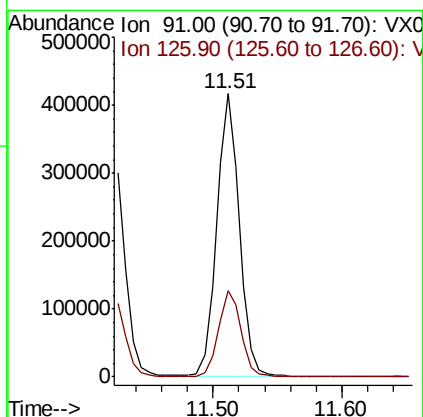
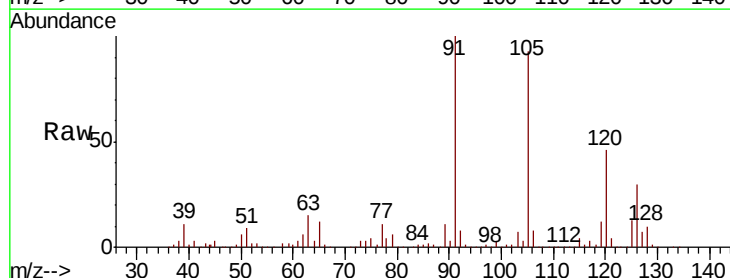
Acq: 06 Oct 2018 01:59

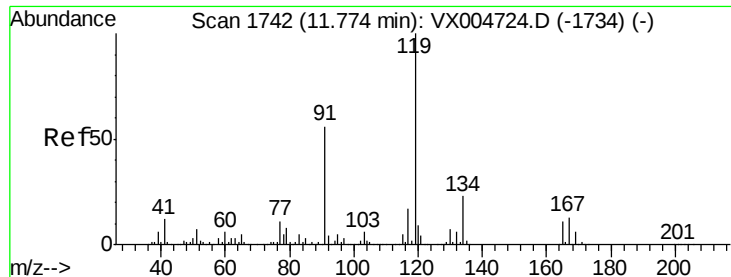
Tgt Ion: 91 Resp: 515472

Ion Ratio Lower Upper

91 100

126 30.5 15.5 46.5

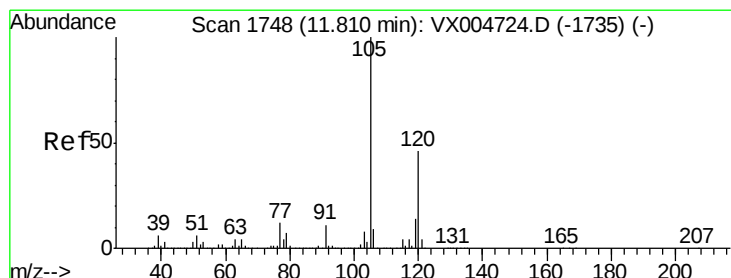
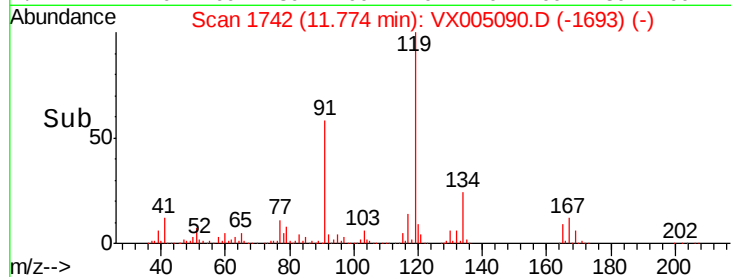
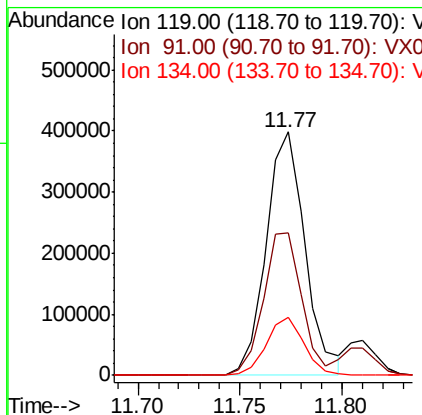
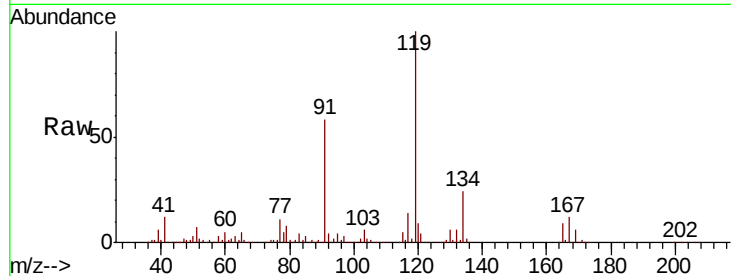




#83
tert-Butylbenzene
Concen: 55.098 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

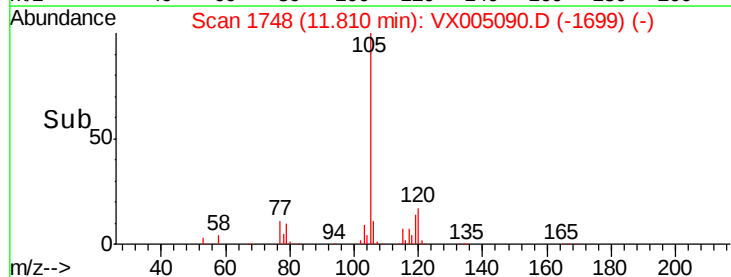
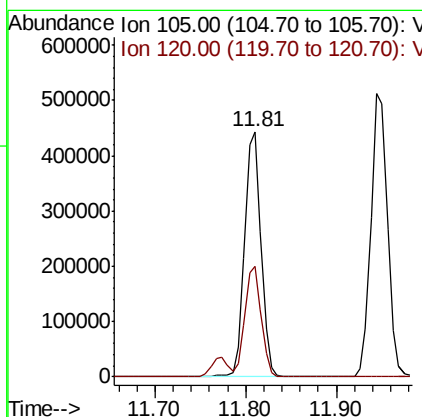
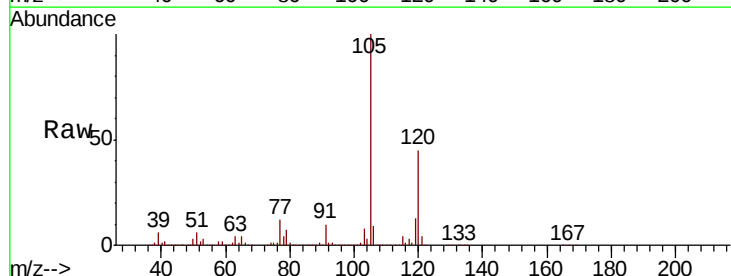
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

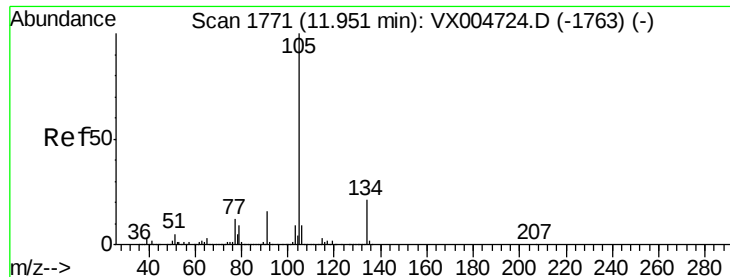
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	27.5	82.5
134	23.0	11.5	34.4



#84
1,2,4-Trimethylbenzene
Concen: 50.562 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.8	68.3





#85

sec-Butylbenzene

Concen: 55.524 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

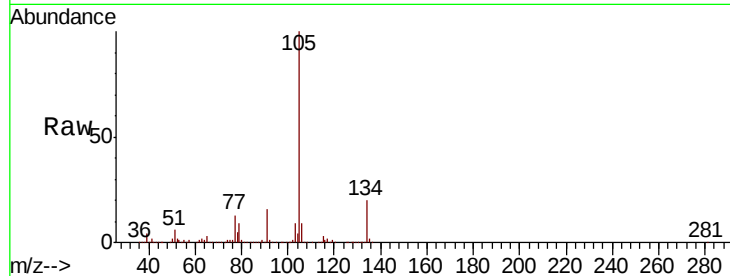
VSTDCCC050EC

Tot Ion:105 Resp: 650500

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

600000

500000

400000

300000

200000

100000

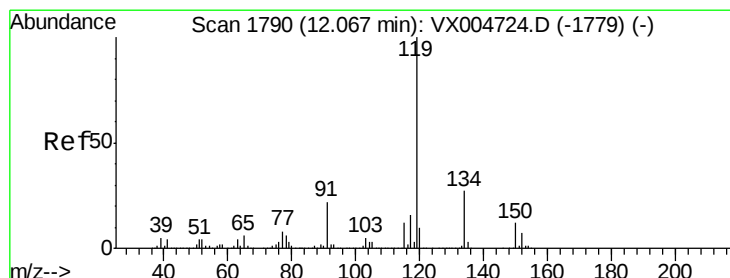
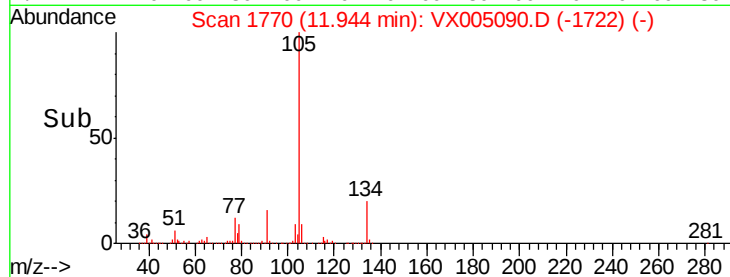
0

11.94

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 54.822 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

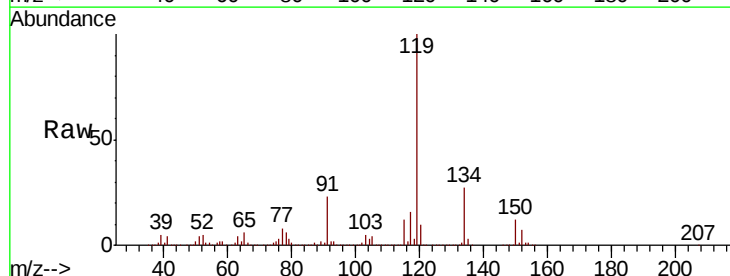
Tgt Ion:119 Resp: 581905

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 23.1 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

600000

400000

200000

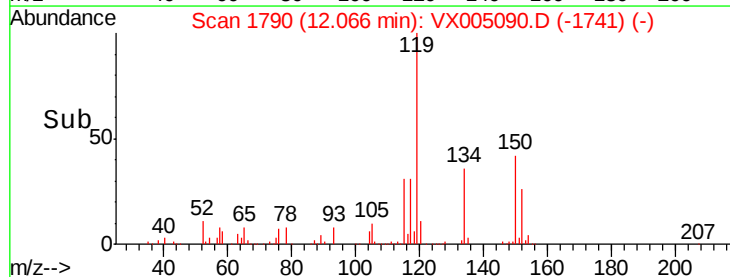
0

12.07

12.00

12.10

Time-->

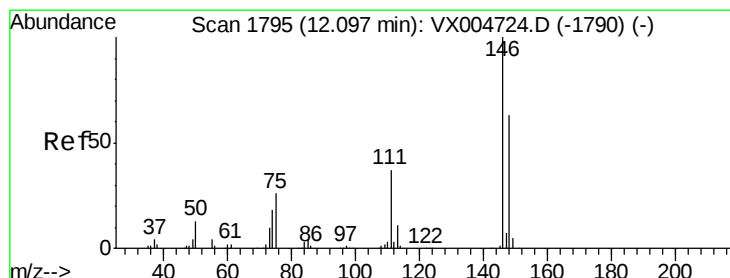
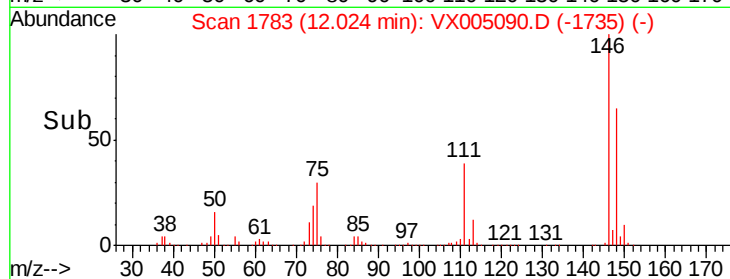
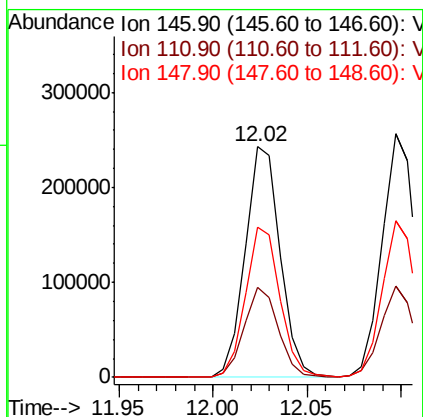
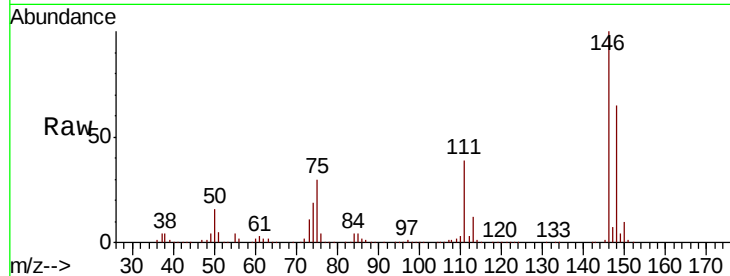




#87
 1,3-Dichlorobenzene
 Concen: 49.570 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

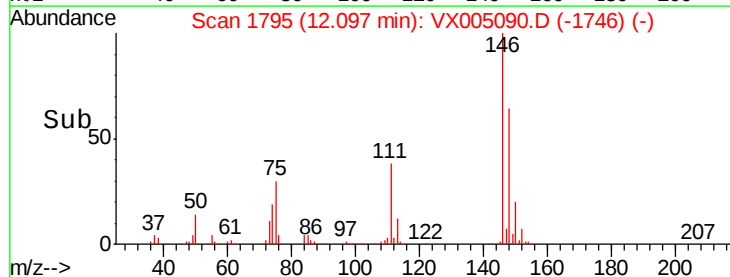
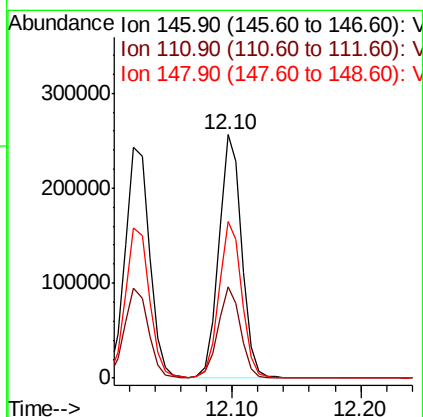
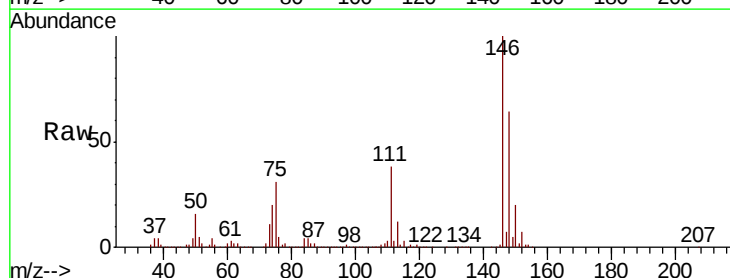
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

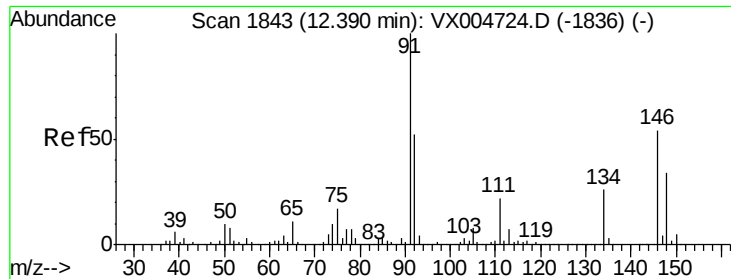
Tot Ion:146 Resp: 314085
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.965 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion:146 Resp: 320270
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.4 55.2
 148 64.4 32.0 96.0

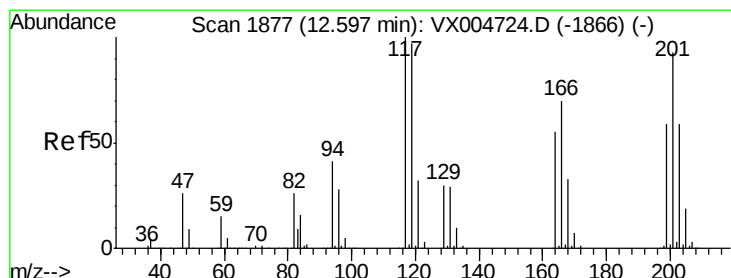
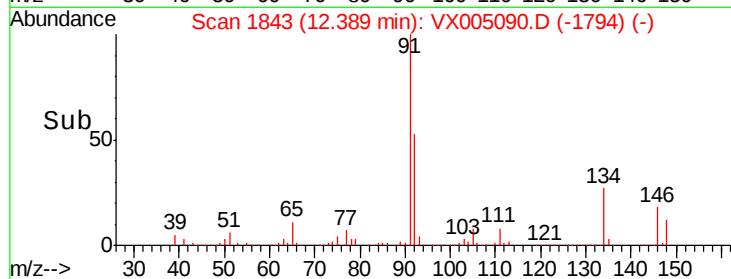
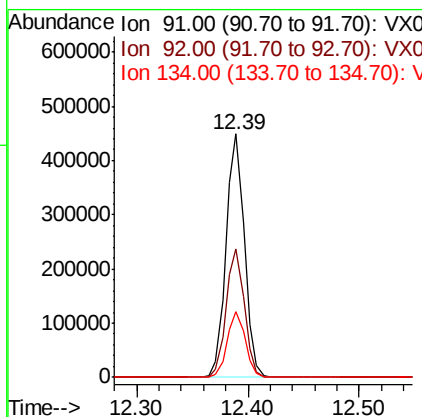
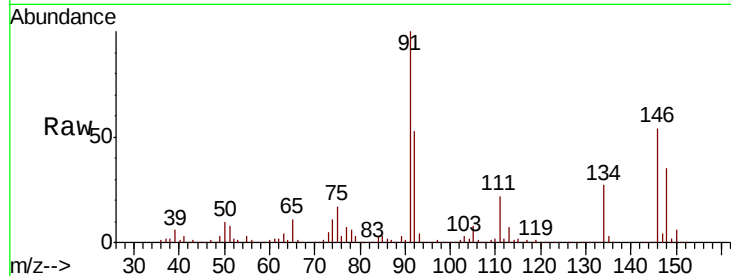




#89
n-Butylbenzene
Concen: 53.110 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

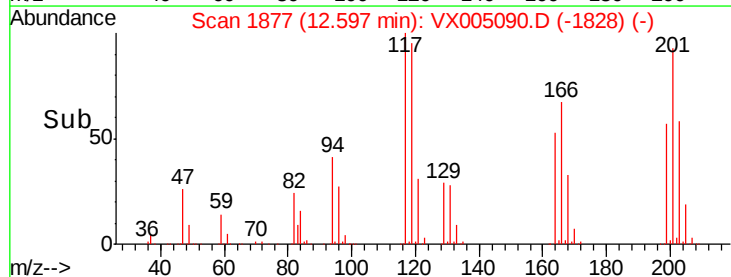
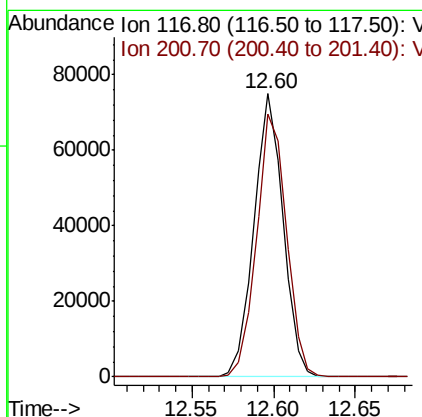
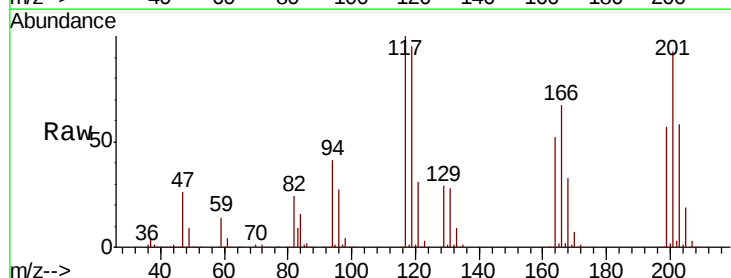
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

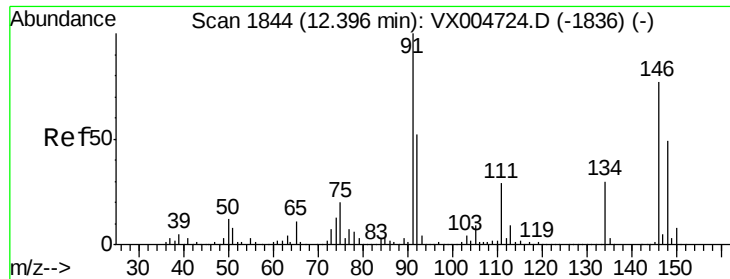
Tot Ion: 91 Resp: 511977
Ion Ratio Lower Upper
91 100
92 52.7 26.0 78.0
134 26.6 13.2 39.6



#90
Hexachloroethane
Concen: 52.829 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005090.D
Acq: 06 Oct 2018 01:59

Tgt Ion: 117 Resp: 93364
Ion Ratio Lower Upper
117 100
201 95.2 48.4 145.0

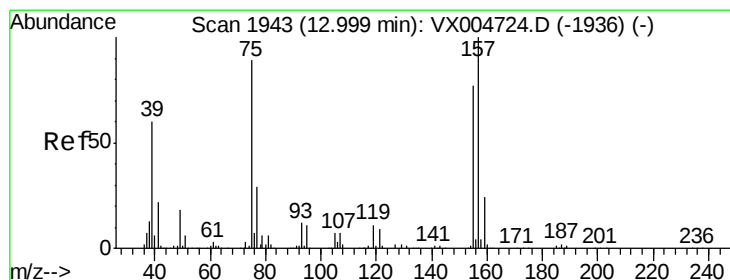
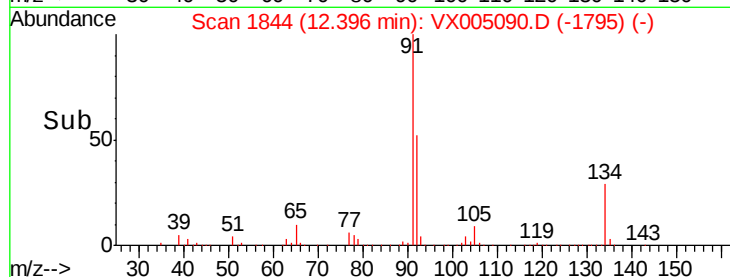
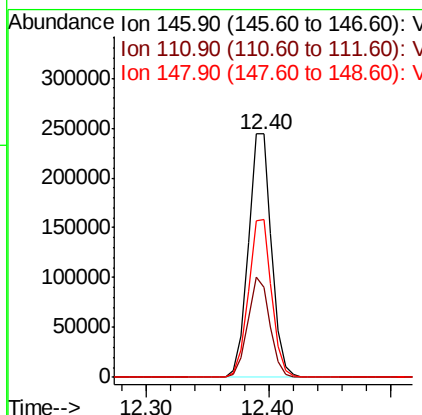
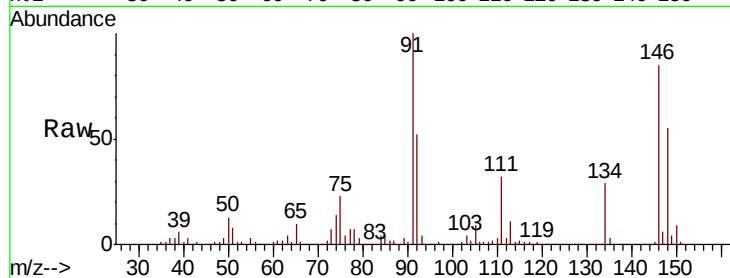




#91
 1,2-Dichlorobenzene
 Concen: 48.570 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

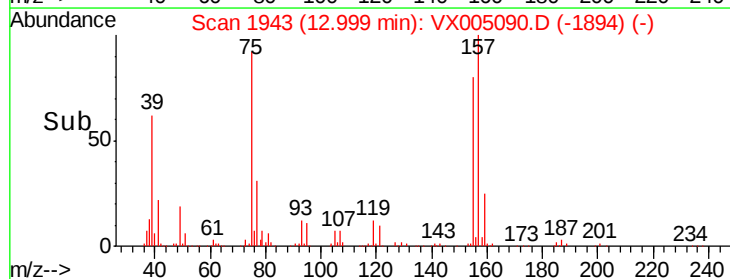
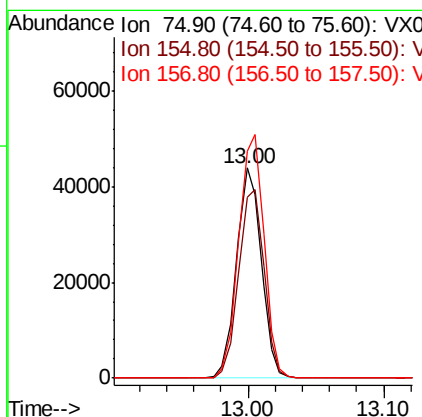
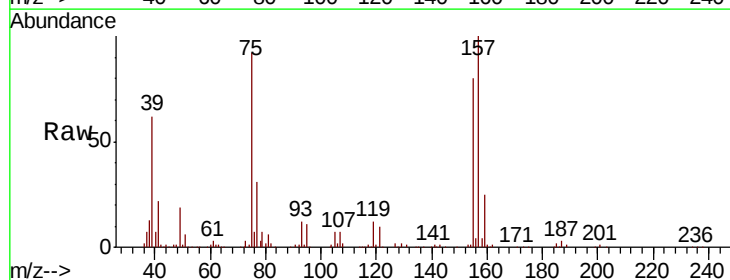
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 321607
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 64.8 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.564 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion: 75 Resp: 55929
 Ion Ratio Lower Upper
 75 100
 155 92.1 46.1 138.3
 157 118.4 60.2 180.6

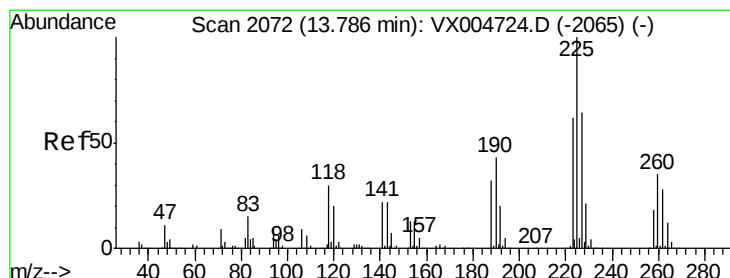
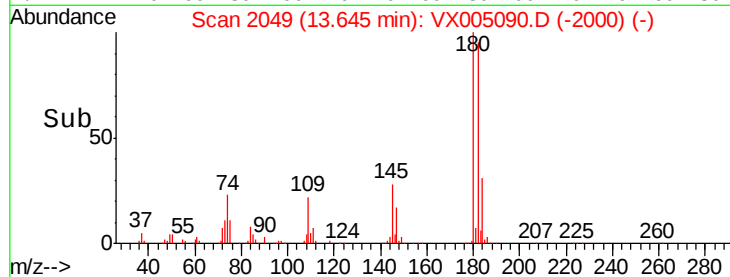
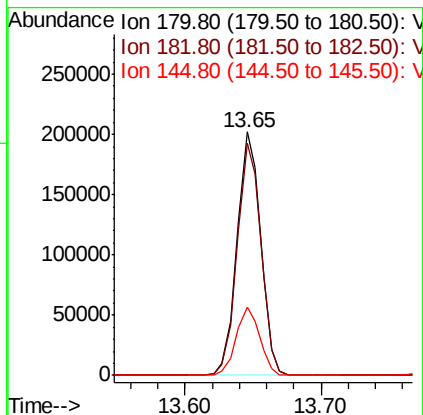
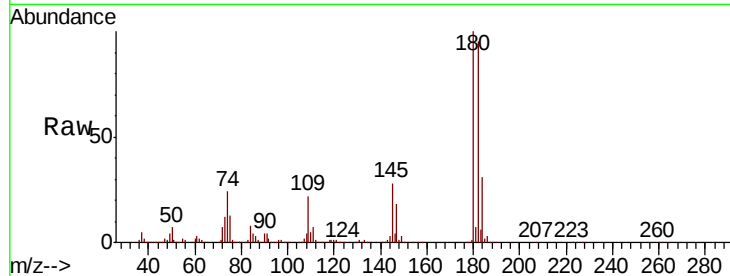




#93
 1,2,4-Trichlorobenzene
 Concen: 52.484 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

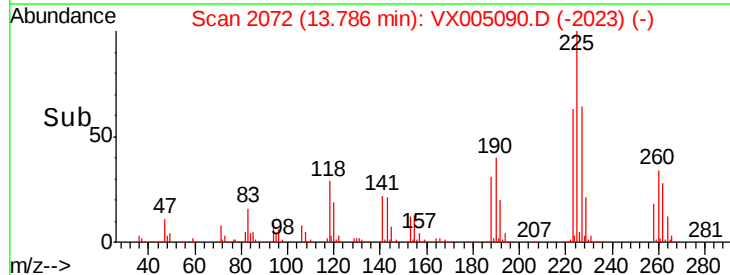
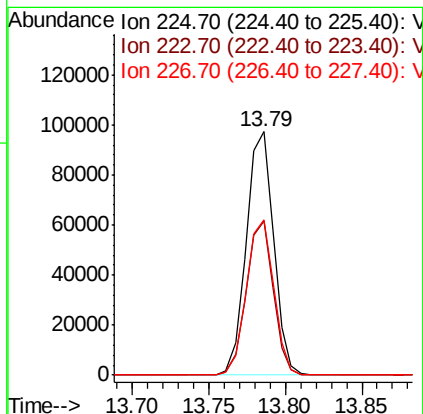
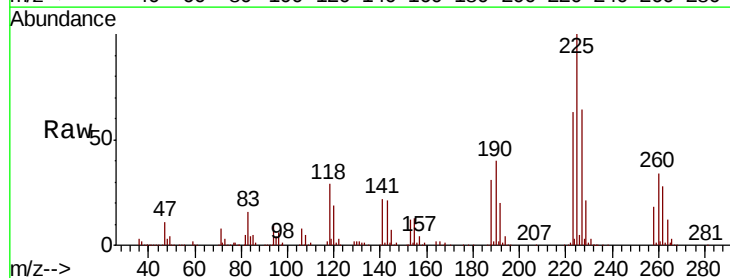
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

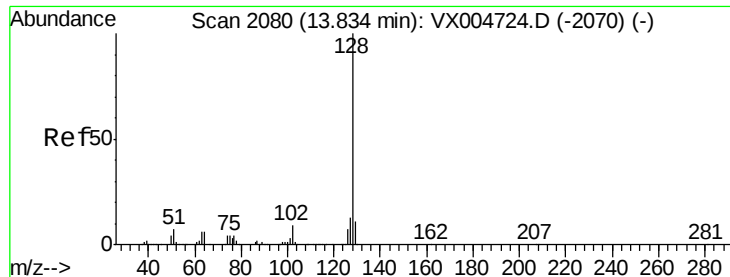
Tot Ion:180 Resp: 243783
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 49.962 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005090.D
 Acq: 06 Oct 2018 01:59

Tgt Ion:225 Resp: 120341
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.3 93.8
 227 63.9 31.9 95.5





#95

Naphthalene

Concen: 50.714 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

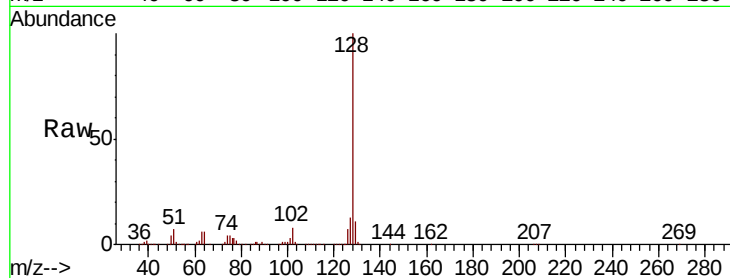
Tot Ion:128 Resp: 782003

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

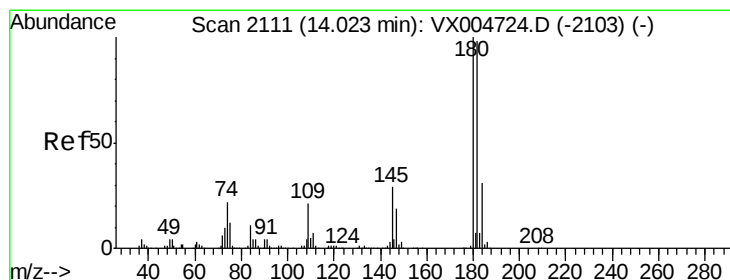
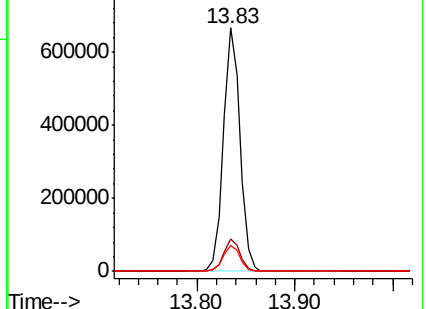
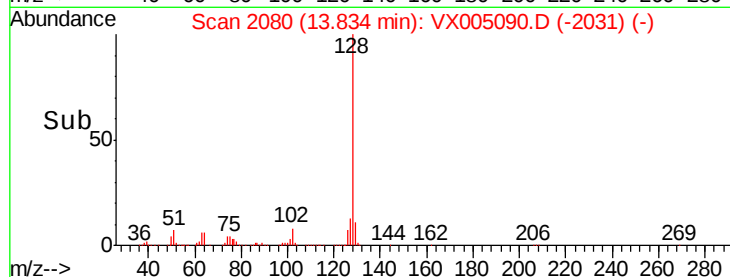
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.452 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005090.D

Acq: 06 Oct 2018 01:59

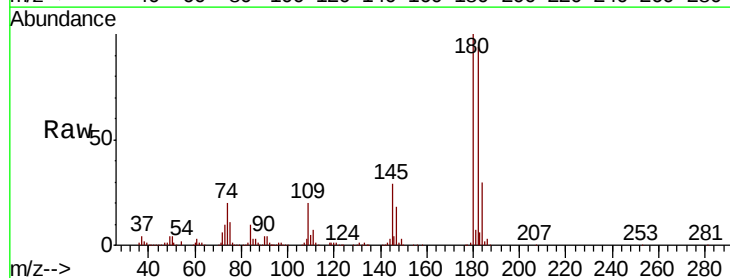
Tgt Ion:180 Resp: 251678

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 30.0 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

