

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007065.D
 Acq On : 15 Jan 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 00:07:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	515649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	773649	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	707045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	362332	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	272315	50.53	ug/l	0.00
Spiked Amount			Recovery	=	101.06%	
35) Dibromofluoromethane	5.51	113	250127	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	8.71	98	915151	50.46	ug/l	0.00
Spiked Amount			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.14	95	320875	50.75	ug/l	0.00
Spiked Amount			Recovery	=	101.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	221903	52.404	ug/l	97
3) Chloromethane	1.32	50	240790	48.847	ug/l	99
4) Vinyl Chloride	1.41	62	258956	48.835	ug/l	98
5) Bromomethane	1.64	94	260150	45.919	ug/l	97
6) Chloroethane	1.71	64	171667	46.364	ug/l	98
7) Trichlorofluoromethane	1.92	101	424502	49.545	ug/l	96
8) Diethyl Ether	2.19	74	165456	48.540	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	249557	48.651	ug/l	99
10) Methyl Iodide	2.51	142	380919	55.052	ug/l	100
11) Tert butyl alcohol	3.08	59	308494	242.675	ug/l	98
12) 1,1-Dichloroethene	2.37	96	231221	48.789	ug/l	98
13) Acrolein	2.30	56	149499	272.400	ug/l	100
14) Allyl chloride	2.73	41	406579	50.058	ug/l	99
15) Acrylonitrile	3.15	53	735275	251.956	ug/l	100
16) Acetone	2.45	43	636786	239.022	ug/l	100
17) Carbon Disulfide	2.57	76	541824	44.406	ug/l	99
18) Methyl Acetate	2.78	43	406415	52.677	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	833458	50.669	ug/l	99
20) Methylene Chloride	2.85	84	266396	52.602	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	248312	47.017	ug/l	100
22) Diisopropyl ether	3.87	45	767438	50.260	ug/l	95
23) Vinyl Acetate	3.82	43	3196373	248.222	ug/l	100
24) 1,1-Dichloroethane	3.70	63	420251	49.220	ug/l	99
25) 2-Butanone	4.70	43	944219	247.697	ug/l	98
26) 2,2-Dichloropropane	4.59	77	310752	47.331	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	282003	48.409	ug/l	99
28) Bromochloromethane	5.02	49	177013	47.319	ug/l	96
29) Tetrahydrofuran	5.15	42	614895	248.210	ug/l	98
30) Chloroform	5.22	83	447327	50.040	ug/l	99
31) Cyclohexane	5.57	56	369500	48.623	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	380947	50.276	ug/l	98
36) 1,1-Dichloropropene	5.80	75	317400	47.188	ug/l	100
37) Ethyl Acetate	4.85	43	359070	49.794	ug/l	98
38) Carbon Tetrachloride	5.78	117	329187	48.643	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011519\
 Data File : VX007065.D
 Acq On : 15 Jan 2019 18:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 16 00:07:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	401191	46.786	ug/l	99
40) Benzene	6.14	78	992033	48.336	ug/l	99
41) Methacrylonitrile	5.06	41	194247	46.759	ug/l	98
42) 1,2-Dichloroethane	6.20	62	339728	47.901	ug/l	100
43) Isopropyl Acetate	6.46	43	566777	49.828	ug/l	98
44) Trichloroethene	7.21	130	288623	46.929	ug/l	95
45) 1,2-Dichloropropane	7.51	63	256908	49.791	ug/l	95
46) Dibromomethane	7.66	93	179903	49.611	ug/l	98
47) Bromodichloromethane	7.90	83	317405	51.422	ug/l	98
48) Methyl methacrylate	7.77	41	292248	50.031	ug/l	97
49) 1,4-Dioxane	7.75	88	130636	979.122	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1853366	253.539	ug/l	100
52) Toluene	8.79	92	643434	48.777	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	349978	51.133	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	391351	51.775	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	276626	52.391	ug/l	98
56) Ethyl methacrylate	9.18	69	394675	51.203	ug/l	95
57) 1,3-Dichloropropane	9.37	76	436711	50.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1029535	259.775	ug/l	98
59) 2-Hexanone	9.49	43	1412661	253.591	ug/l	99
60) Dibromochloromethane	9.59	129	278734	54.365	ug/l	99
61) 1,2-Dibromoethane	9.67	107	292828	50.377	ug/l	100
64) Tetrachloroethene	9.34	164	279309	45.628	ug/l	97
65) Chlorobenzene	10.14	112	743304	48.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	272669	52.561	ug/l	98
67) Ethyl Benzene	10.25	91	1222925	48.037	ug/l	98
68) m/p-Xylenes	10.36	106	977745	97.481	ug/l	99
69) o-Xylene	10.70	106	475120	48.571	ug/l	99
70) Styrene	10.71	104	763596	49.288	ug/l	99
71) Bromoform	10.86	173	207337	45.177	ug/l #	98
73) Isopropylbenzene	11.02	105	1262204	49.402	ug/l	98
74) N-amyl acetate	10.90	43	505139	49.106	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	391468	48.263	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	445559	60.682	ug/l	91
77) Bromobenzene	11.26	156	336516	47.802	ug/l	98
78) n-propylbenzene	11.36	91	1384905	49.376	ug/l	99
79) 2-Chlorotoluene	11.42	91	818174	48.459	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1044864	48.943	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	108911	45.160	ug/l	98
82) 4-Chlorotoluene	11.51	91	951961	48.697	ug/l	100
83) tert-Butylbenzene	11.77	119	1048767	49.238	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1057299	49.250	ug/l	100
85) sec-Butylbenzene	11.94	105	1245812	48.974	ug/l	100
86) p-Isopropyltoluene	12.07	119	1126489	49.508	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	599477	47.112	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	599976	49.766	ug/l	99
89) n-Butylbenzene	12.39	91	959847	49.485	ug/l	99
90) Hexachloroethane	12.60	117	169603	46.883	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	592964	47.221	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79946	49.836	ug/l	96

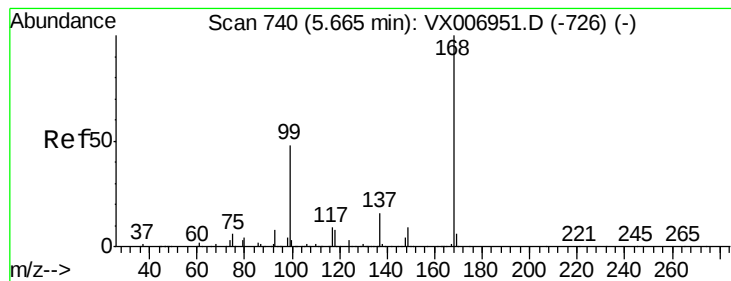
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011519\
Data File : VX007065.D
Acq On : 15 Jan 2019 18:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Jan 16 00:07:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	412432	47.873	ug/l	98
94) Hexachlorobutadiene	13.78	225	191749	50.156	ug/l	98
95) Naphthalene	13.83	128	1297851	49.716	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	413349	48.299	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

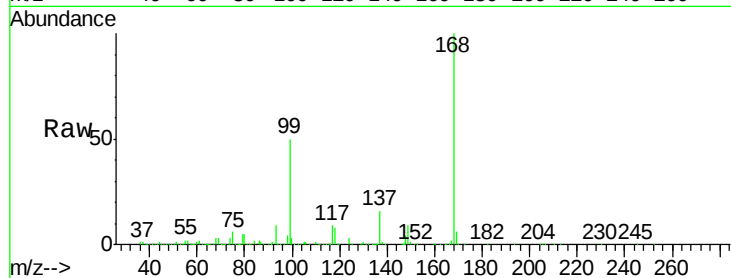
VSTDCCC050EC

Tot Ion:168 Resp: 515649

Ion Ratio Lower Upper

168 100

99 50.0 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

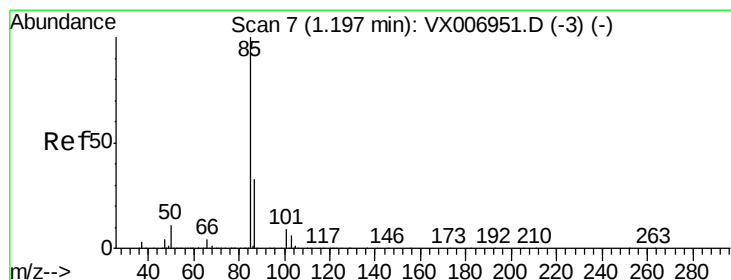
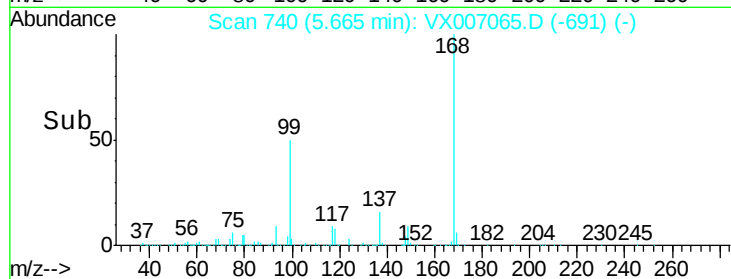
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.404 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007065.D

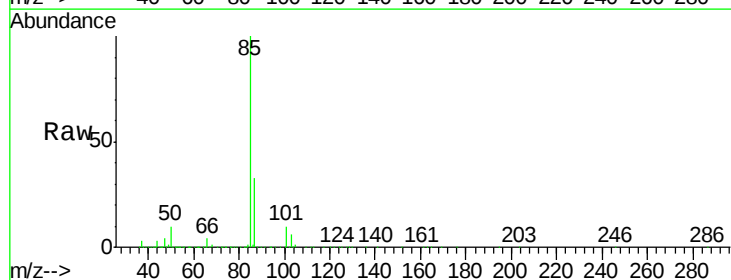
Acq: 15 Jan 2019 18:13

Tgt Ion: 85 Resp: 221903

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

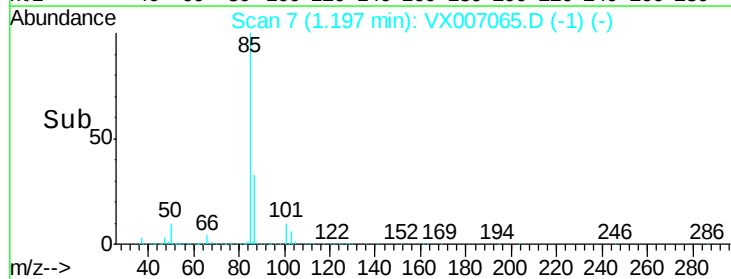
150000

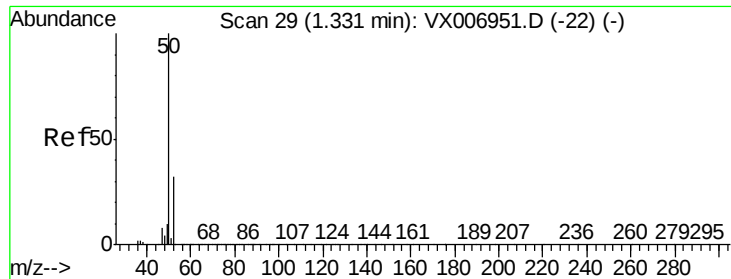
100000

50000

0

Time--> 1.10 1.20 1.30

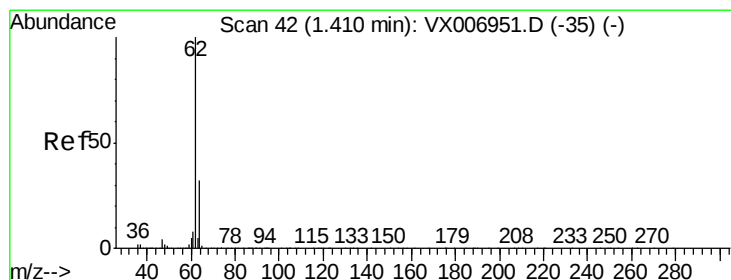
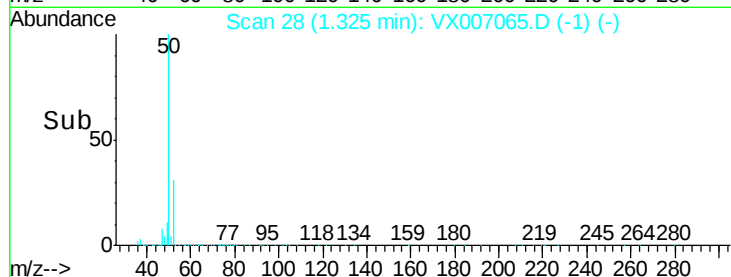
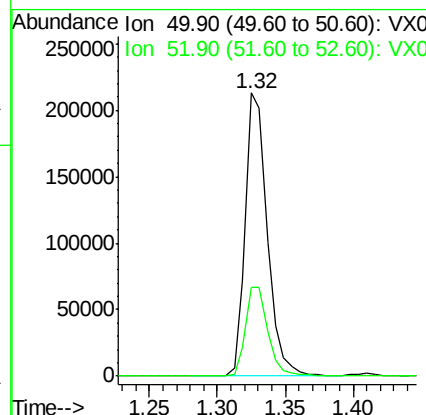
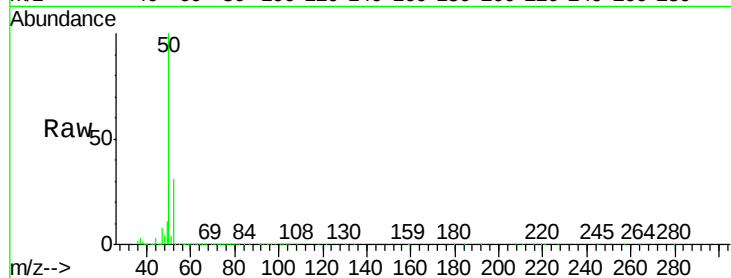




#3
Chloromethane
Concen: 48.847 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

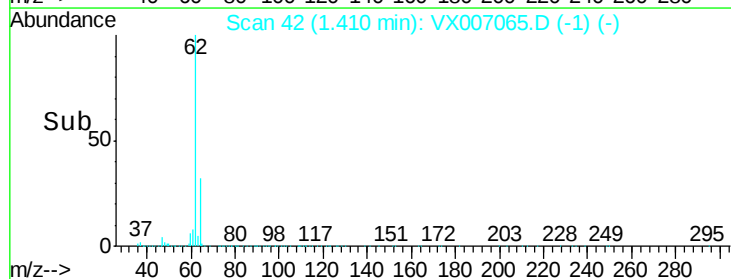
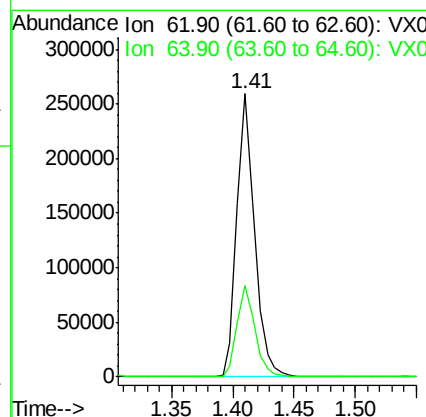
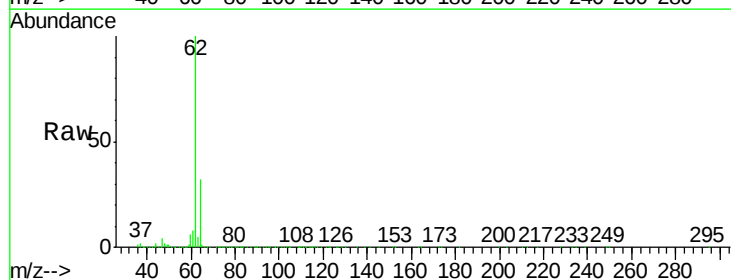
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

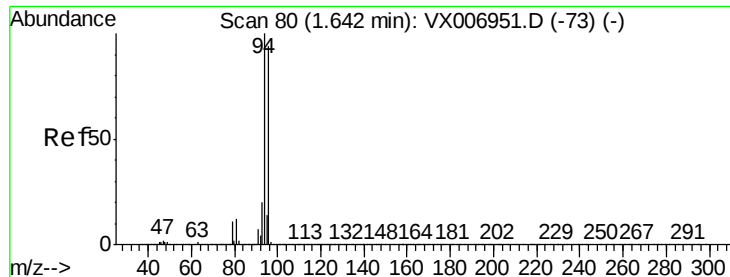
Tot Ion: 50 Resp: 240790
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.2



#4
Vinyl Chloride
Concen: 48.835 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 62 Resp: 258956
Ion Ratio Lower Upper
62 100
64 32.4 25.1 37.7





#5

Bromomethane

Concen: 45.919 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

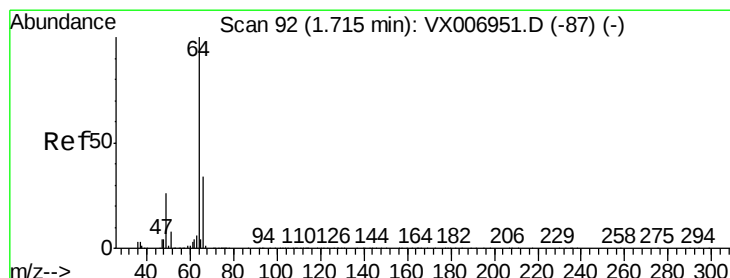
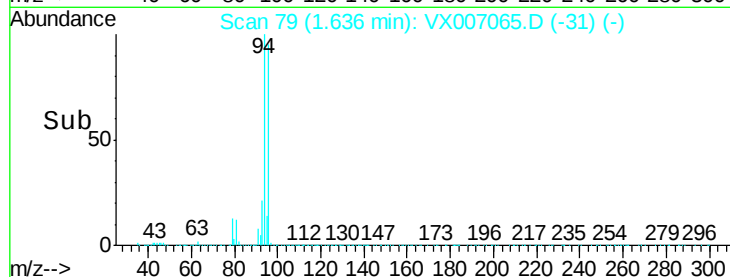
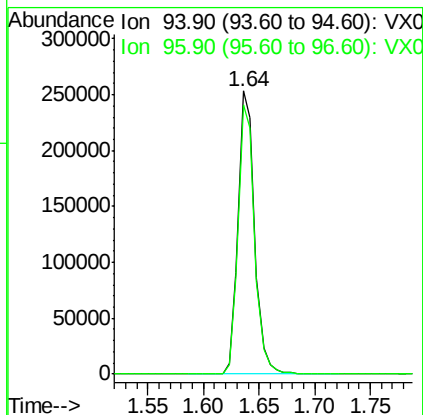
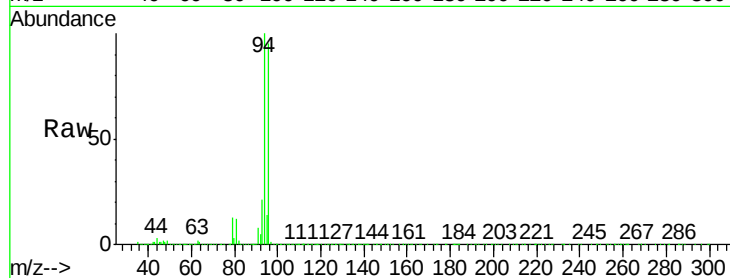
VSTDCCC050EC

Tot Ion: 94 Resp: 260150

Ion Ratio Lower Upper

94 100

96 95.1 73.4 110.2



#6

Chloroethane

Concen: 46.364 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007065.D

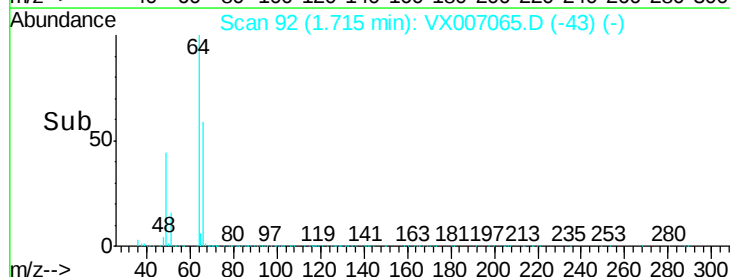
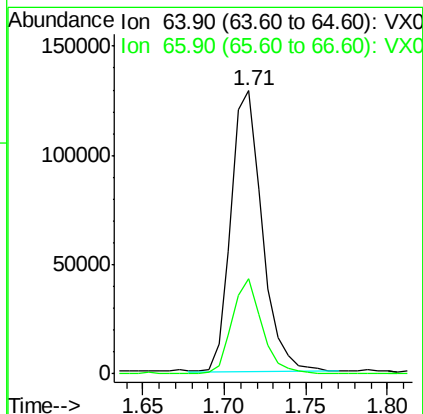
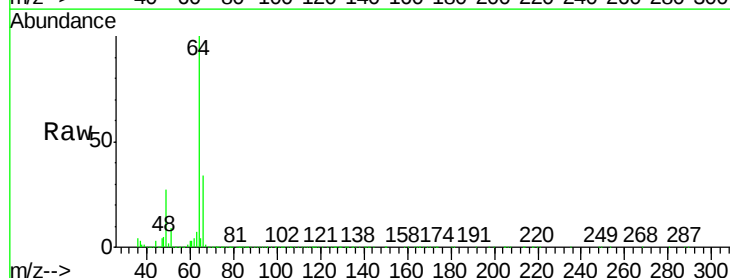
Acq: 15 Jan 2019 18:13

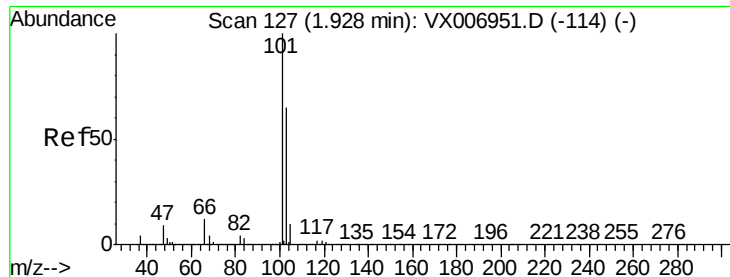
Tgt Ion: 64 Resp: 171667

Ion Ratio Lower Upper

64 100

66 33.9 26.4 39.6



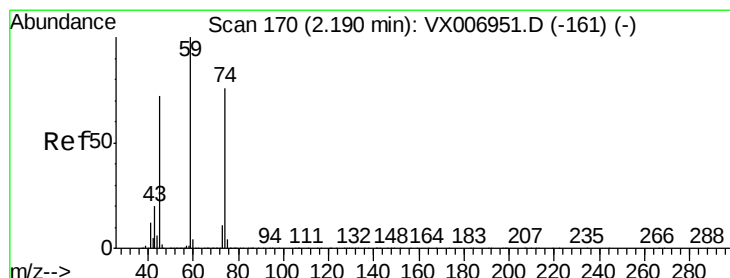
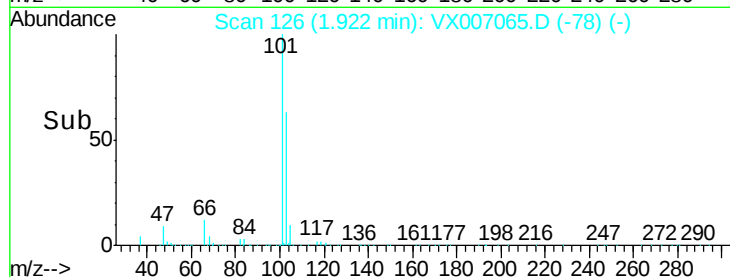
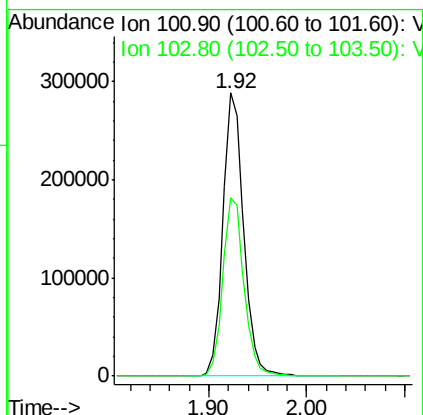
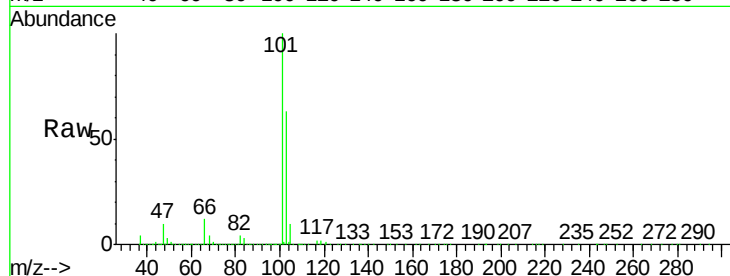


#7

Trichlorofluoromethane
Concen: 49.545 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

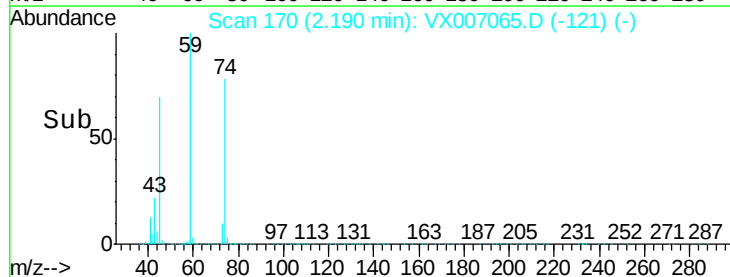
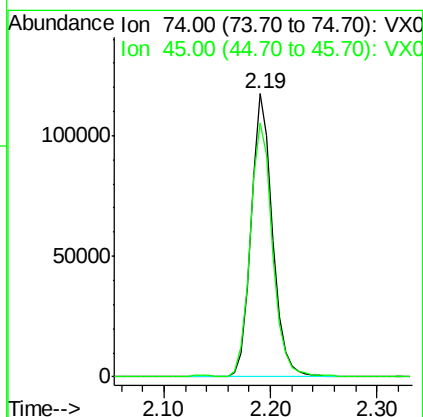
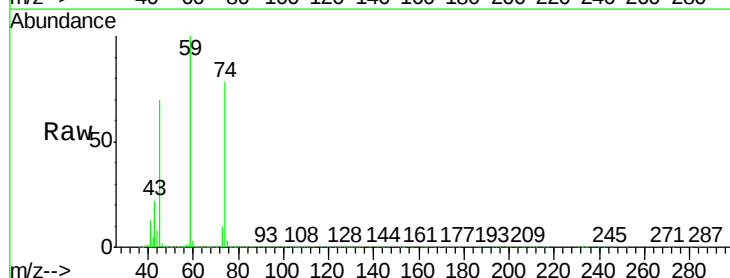
Tot Ion:101 Resp: 424502
Ion Ratio Lower Upper
101 100
103 63.2 53.2 79.8

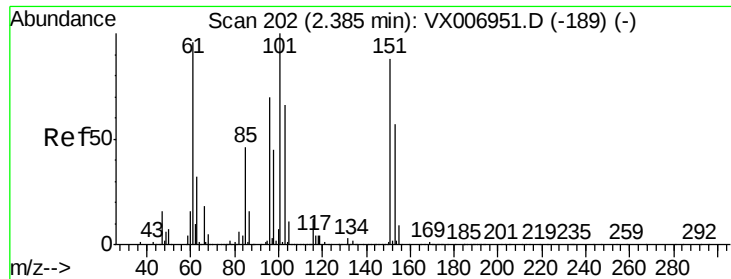


#8

Diethyl Ether
Concen: 48.540 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 74 Resp: 165456
Ion Ratio Lower Upper
74 100
45 93.7 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.651 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

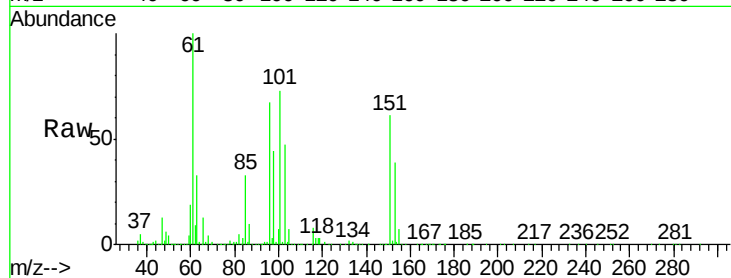
Tot Ion:101 Resp: 249557

Ion Ratio Lower Upper

101 100

85 43.0 35.1 52.7

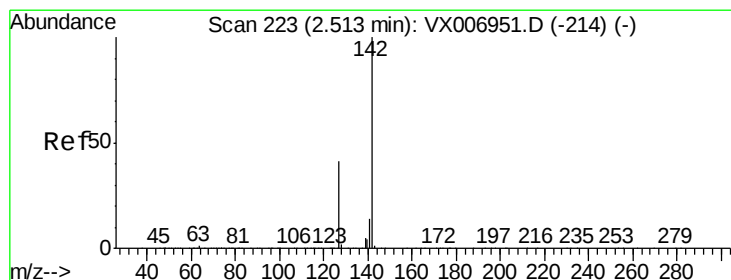
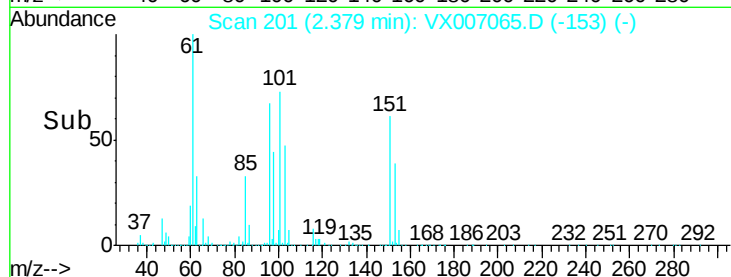
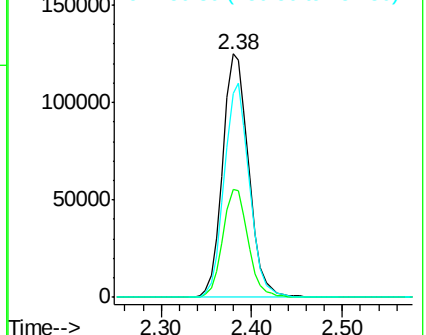
151 85.3 68.9 103.3



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: 55.052 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

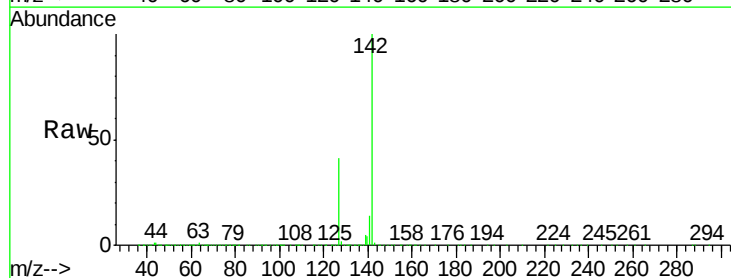
Tgt Ion:142 Resp: 380919

Ion Ratio Lower Upper

142 100

127 42.6 33.9 50.9

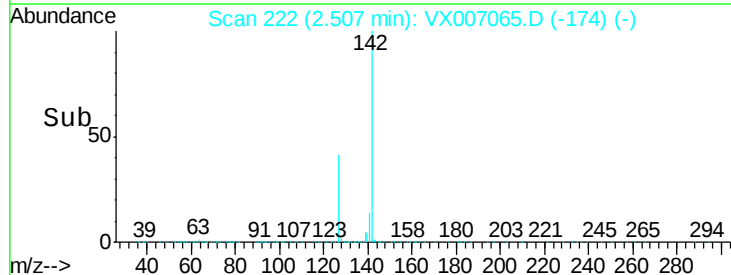
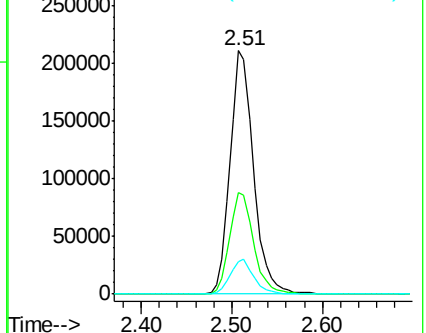
141 14.3 11.4 17.0

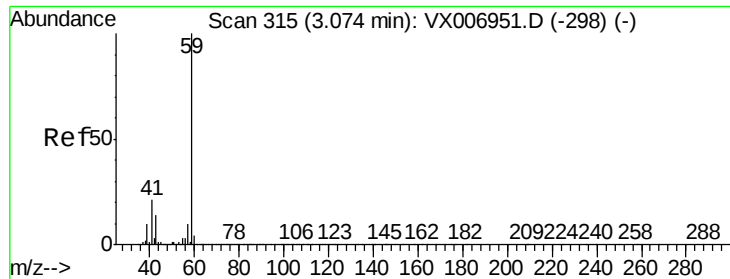


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

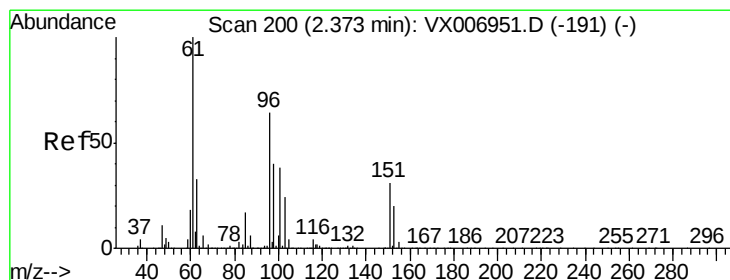
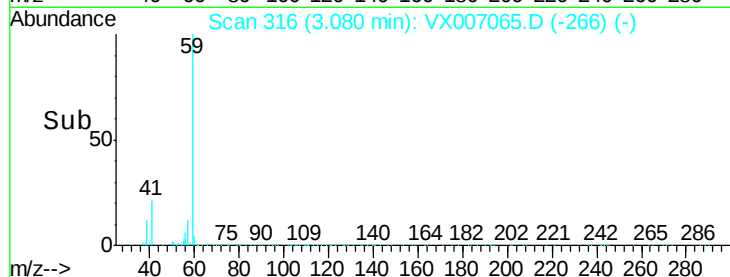
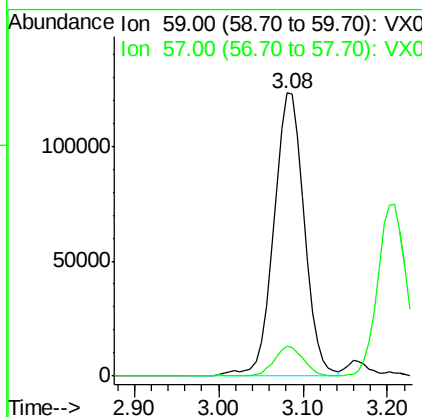
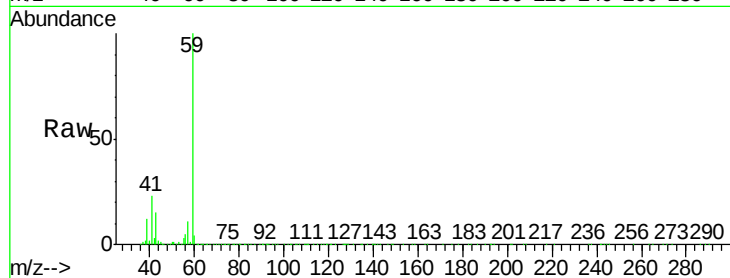




#11
Tert butyl alcohol
Concen: 242.675 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

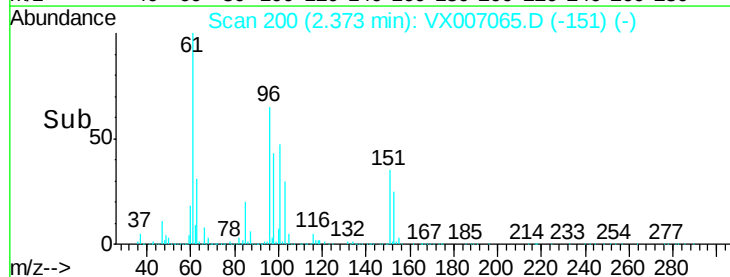
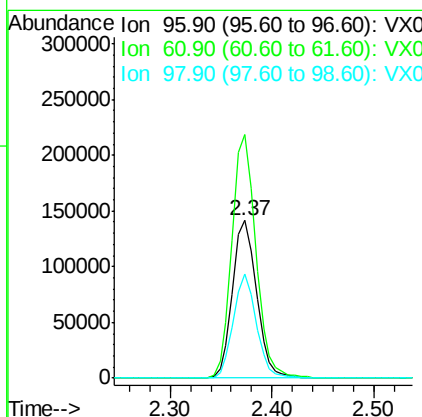
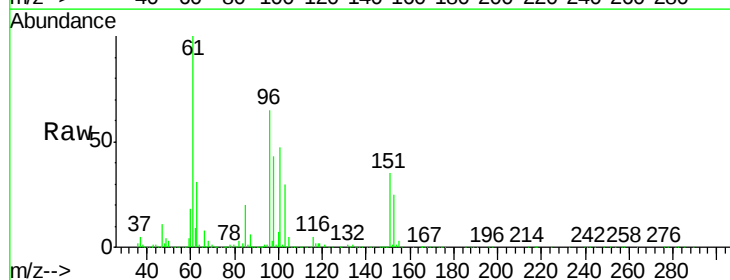
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

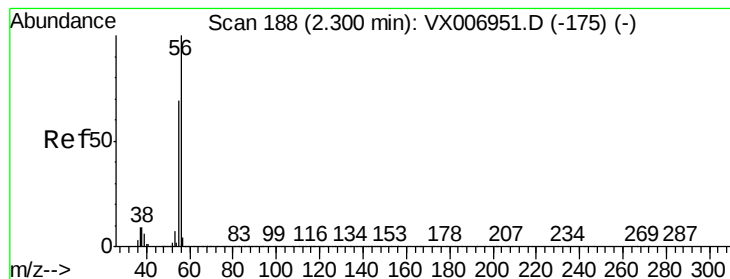
Tot Ion: 59 Resp: 308494
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 48.789 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 96 Resp: 231221
Ion Ratio Lower Upper
96 100
61 154.5 121.4 182.2
98 65.9 51.9 77.9





#13

Acrolein

Concen: 272.400 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

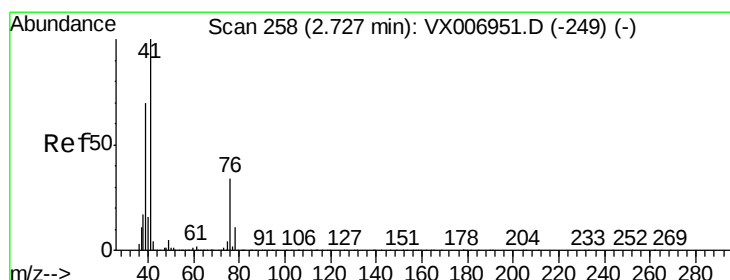
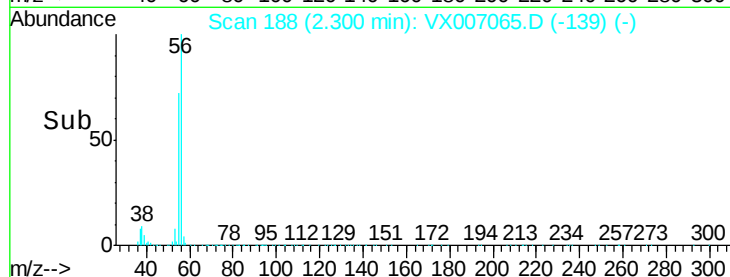
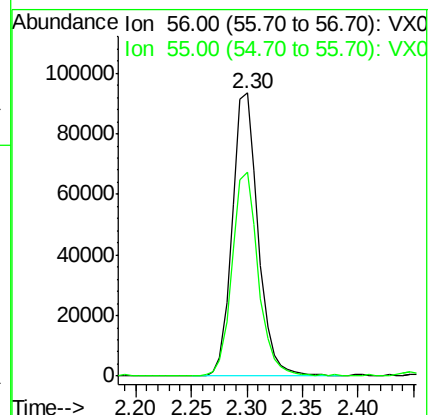
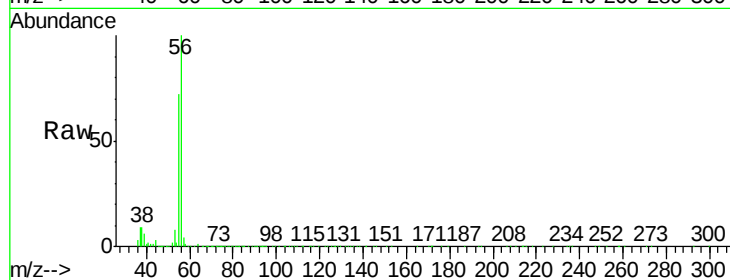
VSTDCCC050EC

Tot Ion: 56 Resp: 149499

Ion Ratio Lower Upper

56 100

55 73.1 58.2 87.4



#14

Allyl chloride

Concen: 50.058 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

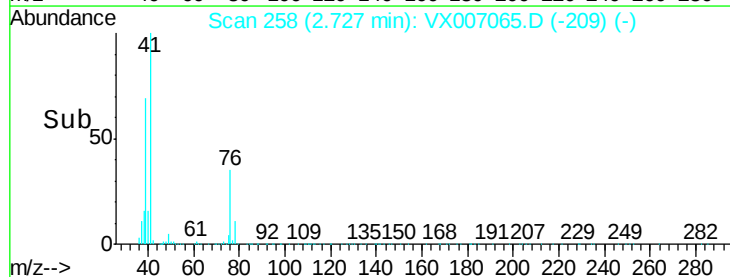
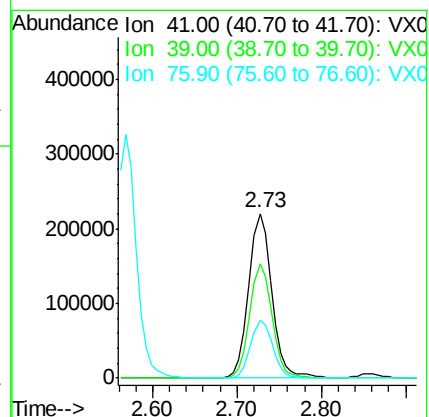
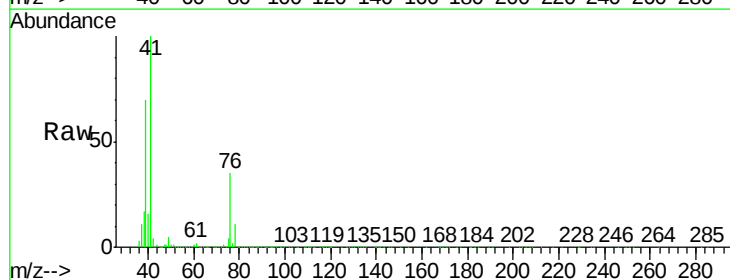
Tgt Ion: 41 Resp: 406579

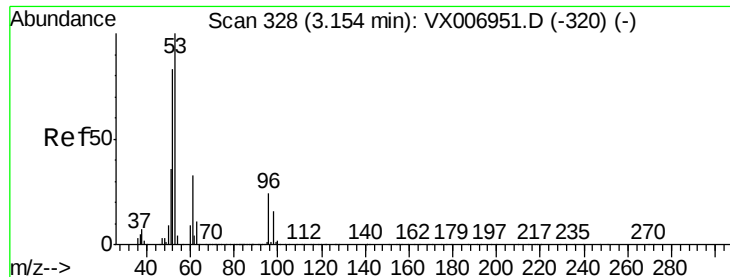
Ion Ratio Lower Upper

41 100

39 66.9 53.6 80.4

76 33.6 27.4 41.2





#15

Acrylonitrile

Concen: 251.956 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

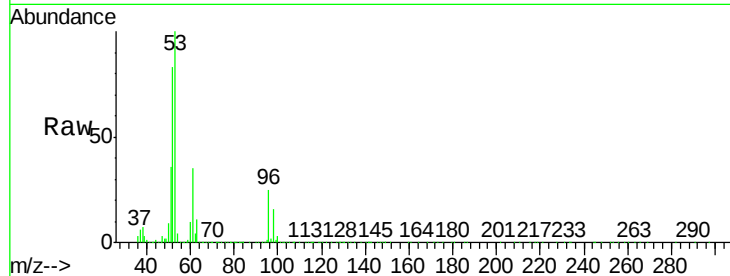
Tot Ion: 53 Resp: 735275

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

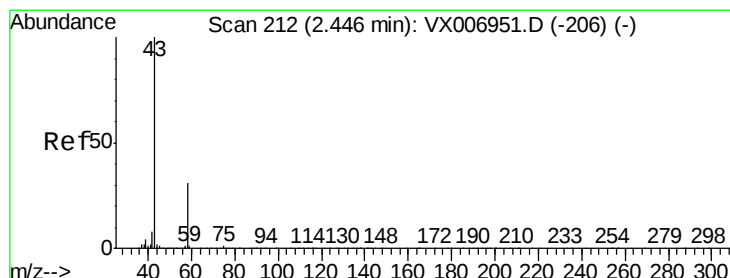
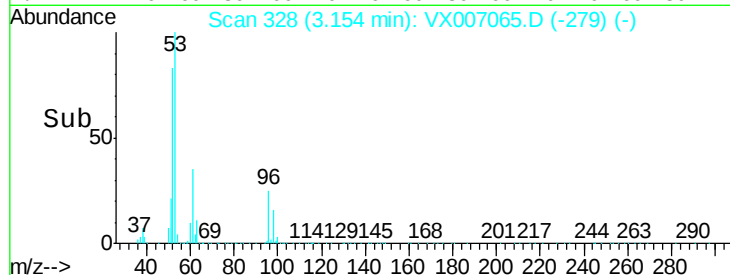
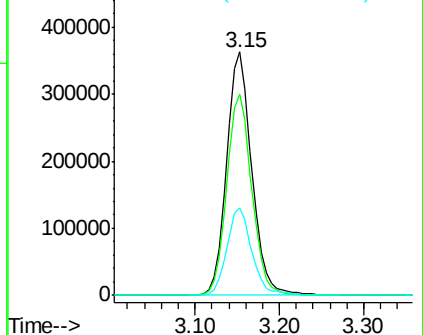
51 36.1 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.022 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007065.D

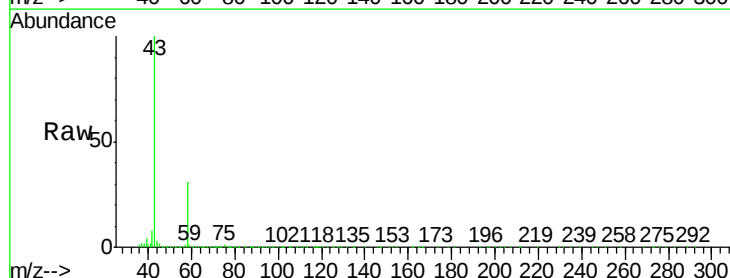
Acq: 15 Jan 2019 18:13

Tgt Ion: 43 Resp: 636786

Ion Ratio Lower Upper

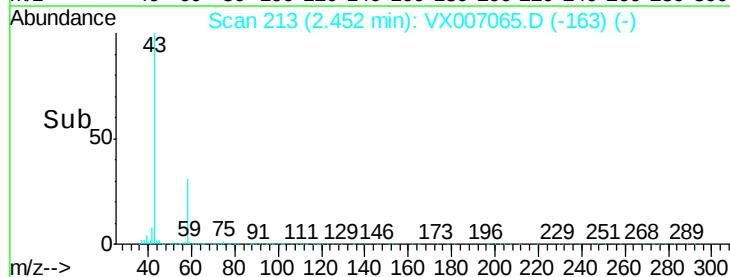
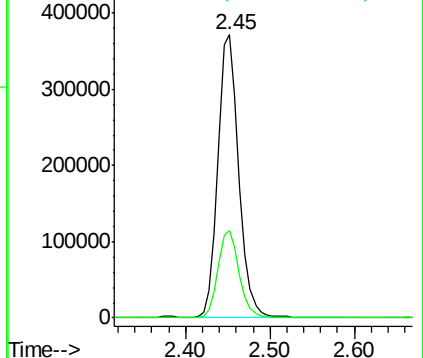
43 100

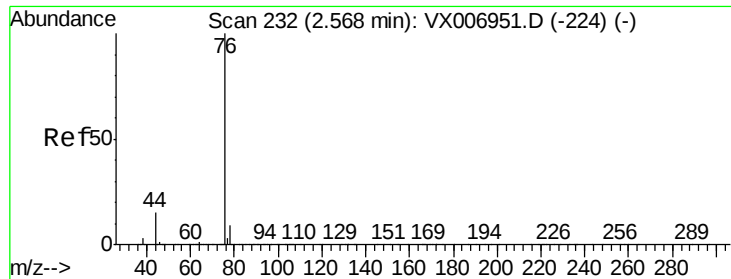
58 31.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

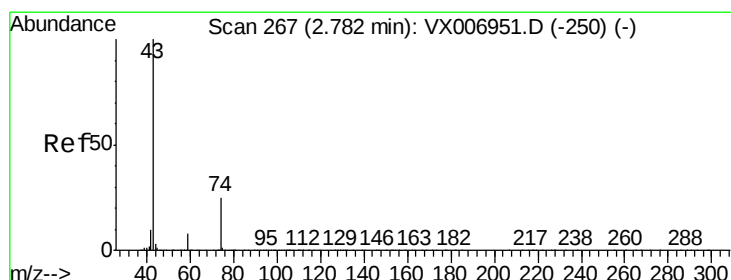
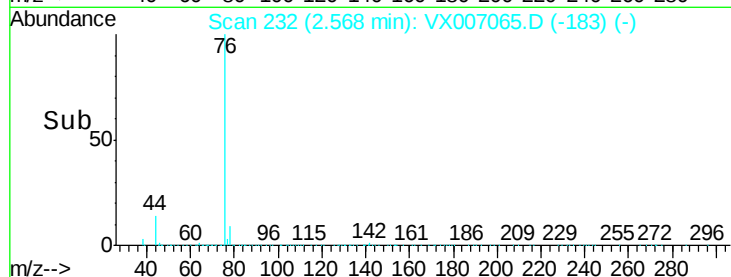
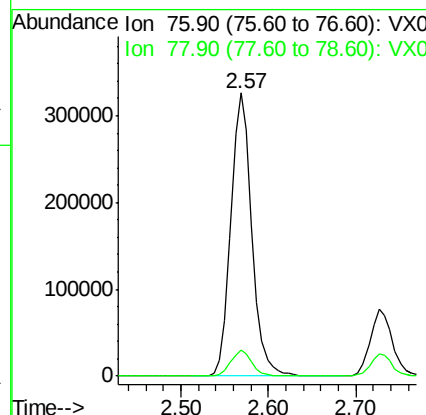
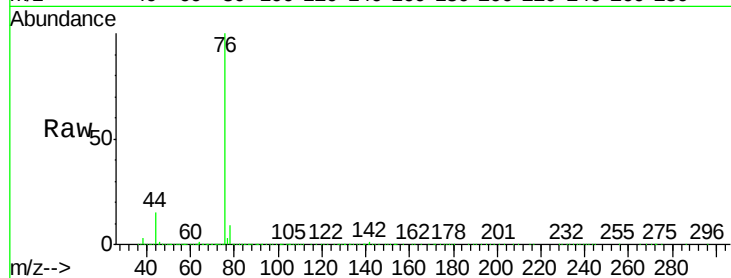




#17
Carbon Disulfide
Concen: 44.406 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

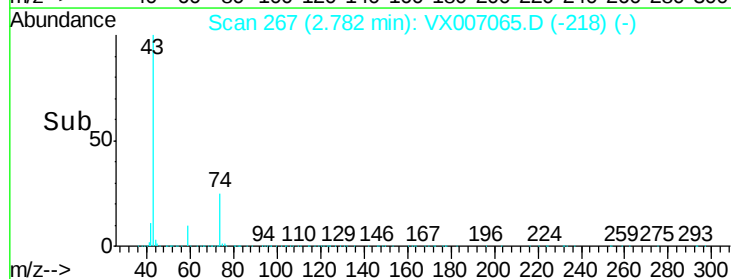
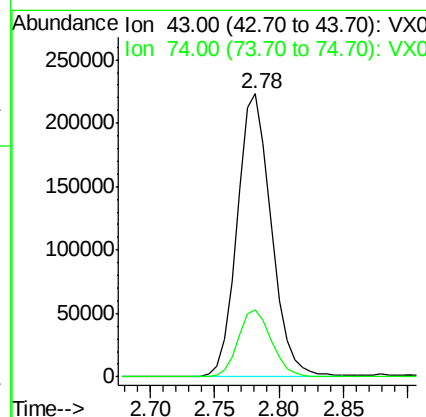
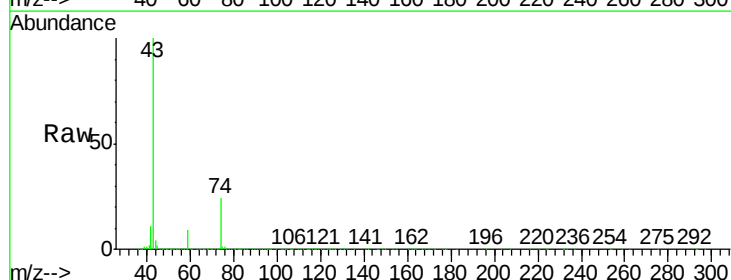
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

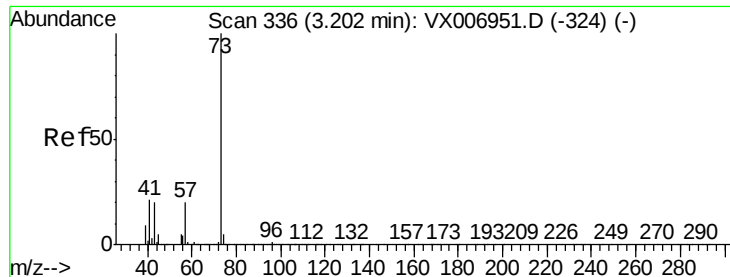
Tot Ion: 76 Resp: 541824
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 52.677 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 43 Resp: 406415
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0



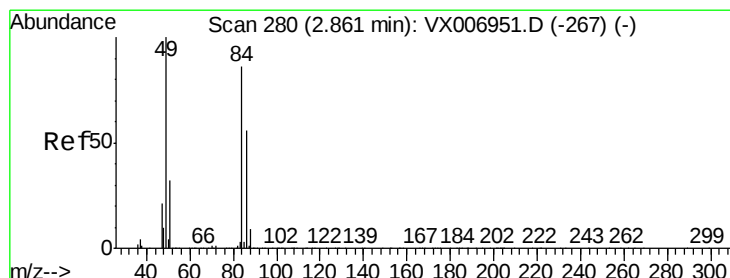
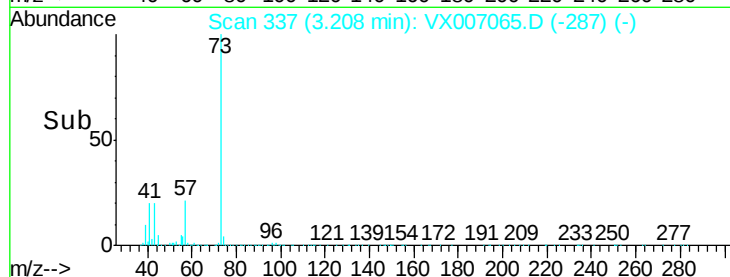
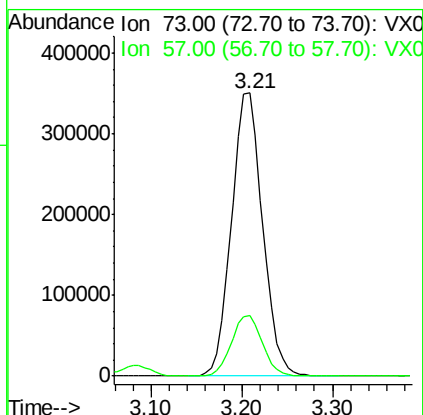
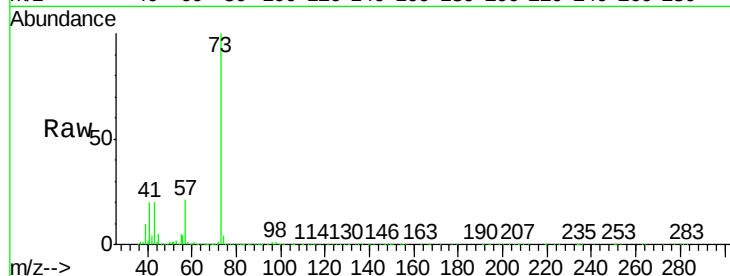


#19

Methyl tert-butyl Ether
 Concen: 50.669 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

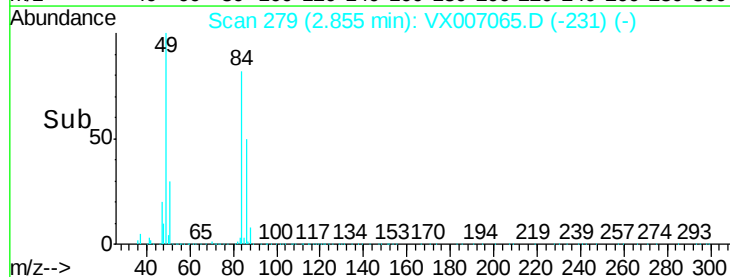
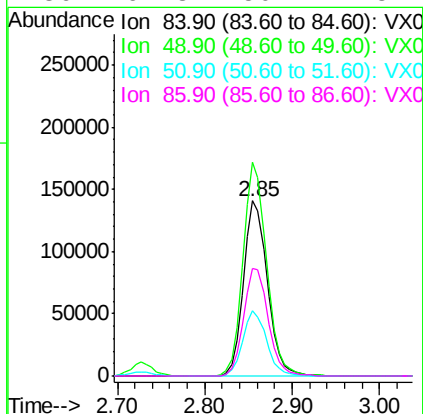
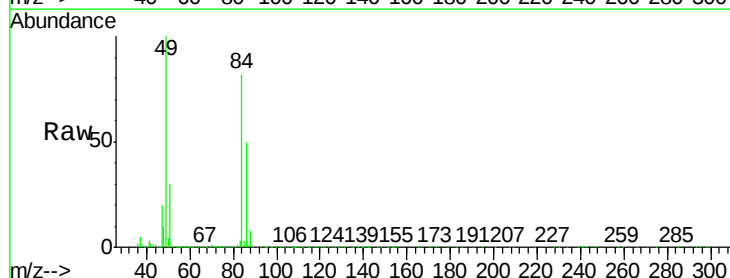
Tot Ion: 73 Resp: 833458
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.8 25.2

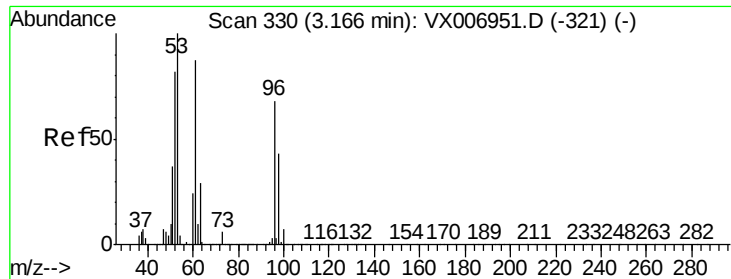


#20

Methylene Chloride
 Concen: 52.602 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion: 84 Resp: 266396
 Ion Ratio Lower Upper
 84 100
 49 121.8 91.8 137.6
 51 37.0 28.5 42.7
 86 61.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 47.017 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

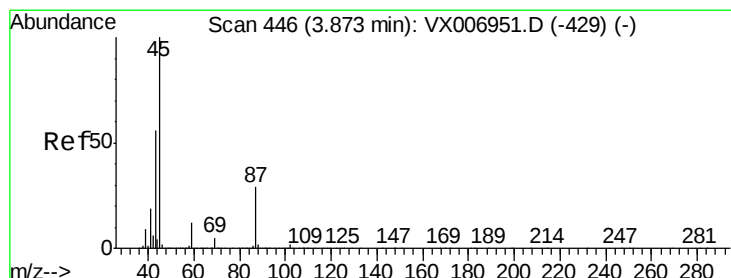
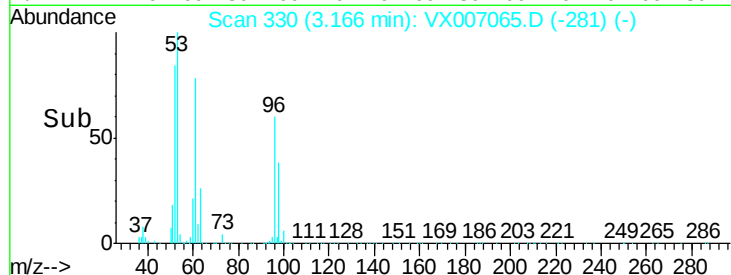
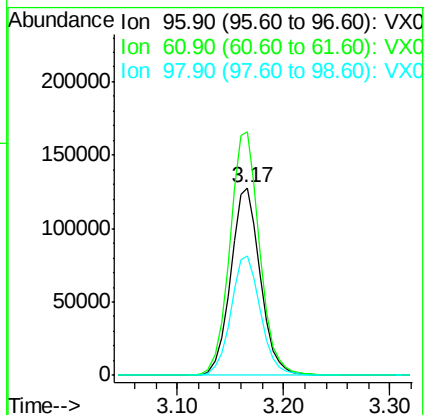
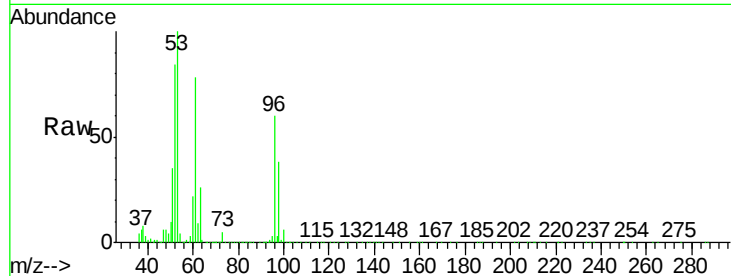
Tot Ion: 96 Resp: 248312

Ion Ratio Lower Upper

96 100

61 129.8 103.7 155.5

98 63.8 51.0 76.6



#22

Diisopropyl ether

Concen: 50.260 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion: 45 Resp: 767438

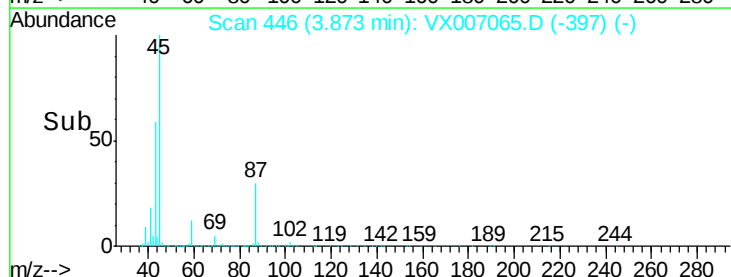
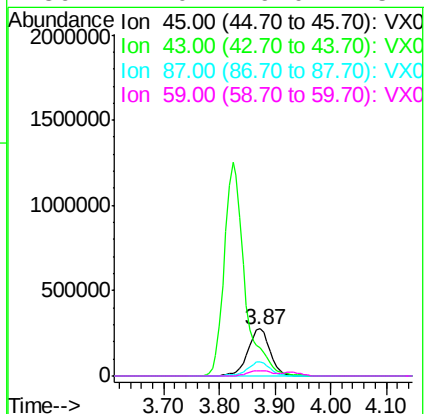
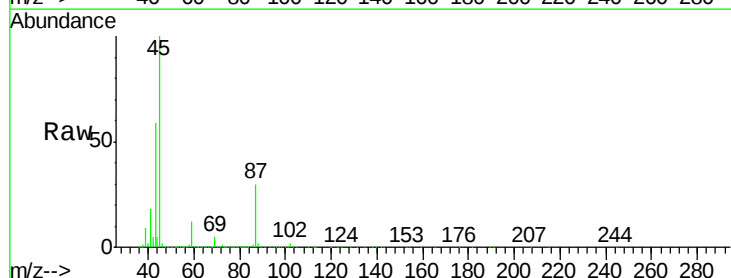
Ion Ratio Lower Upper

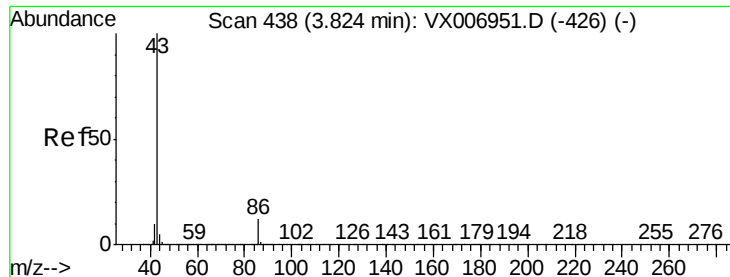
45 100

43 58.8 51.2 76.8

87 30.3 25.8 38.6

59 12.0 9.0 13.4





#23

Vinyl Acetate

Concen: 248.222 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

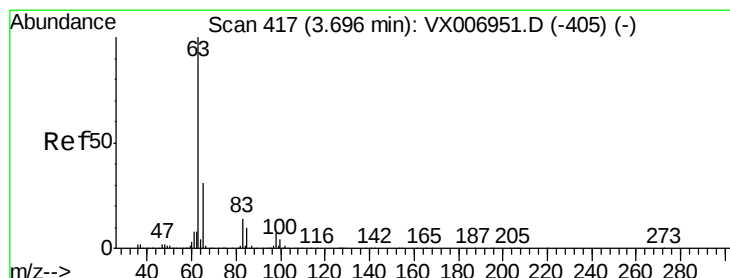
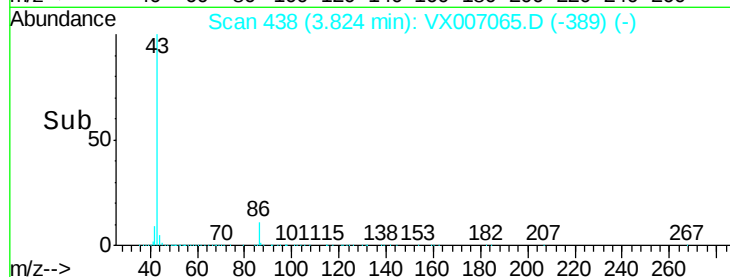
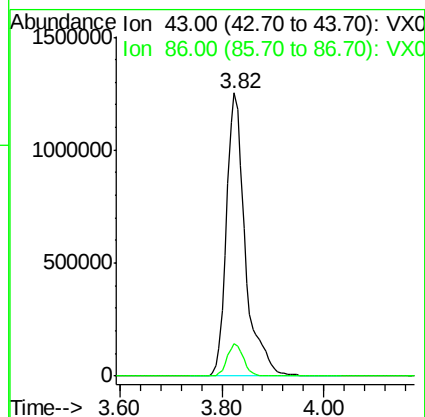
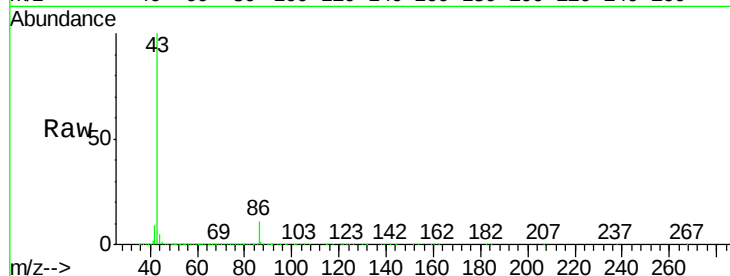
VSTDCCC050EC

Tot Ion: 43 Resp: 3196373

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.220 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

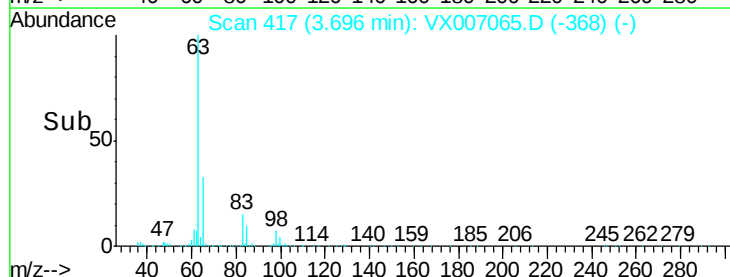
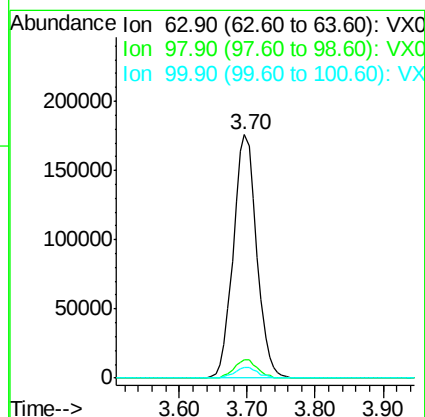
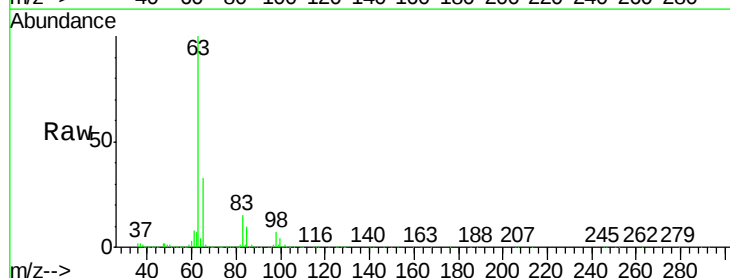
Tgt Ion: 63 Resp: 420251

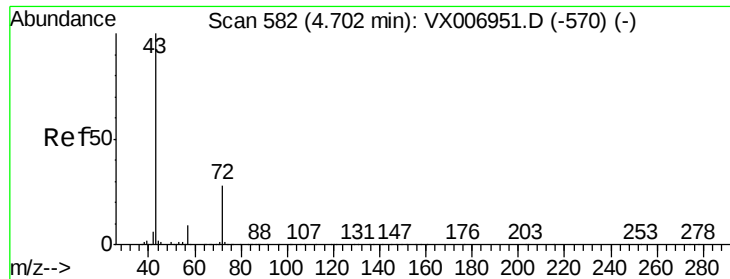
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 247.697 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

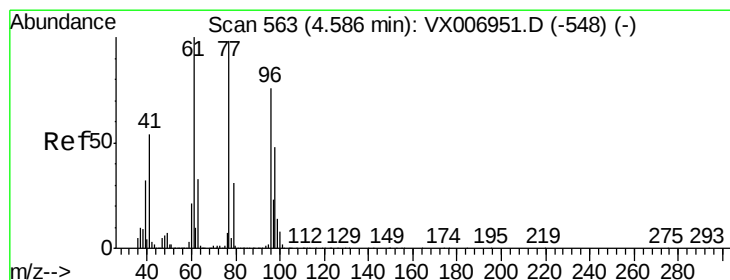
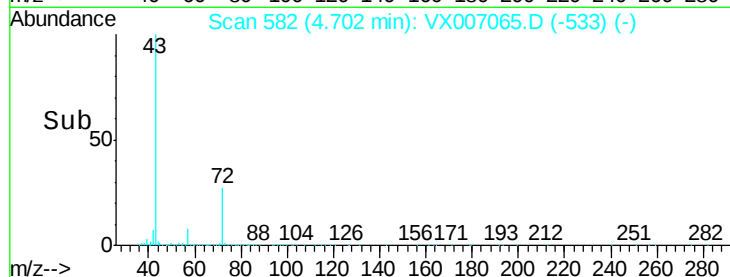
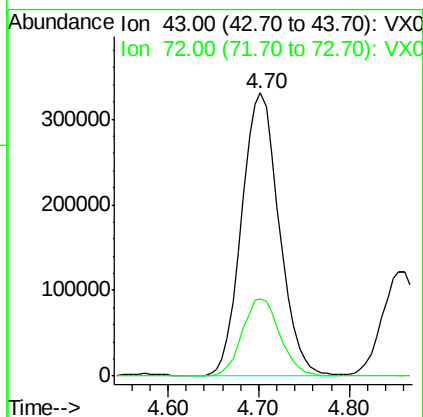
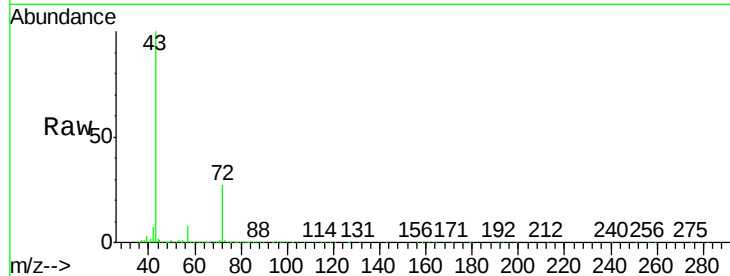
VSTDCCC050EC

Tot Ion: 43 Resp: 944219

Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 47.331 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007065.D

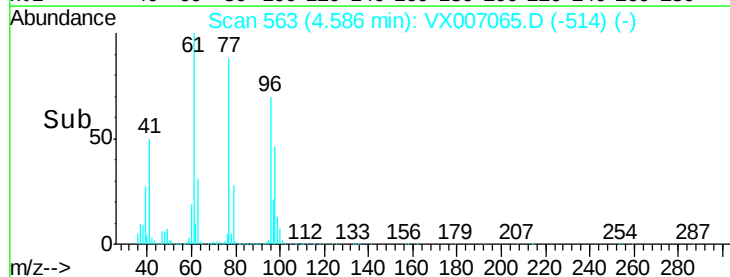
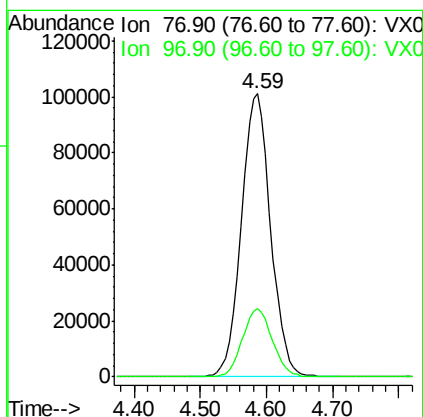
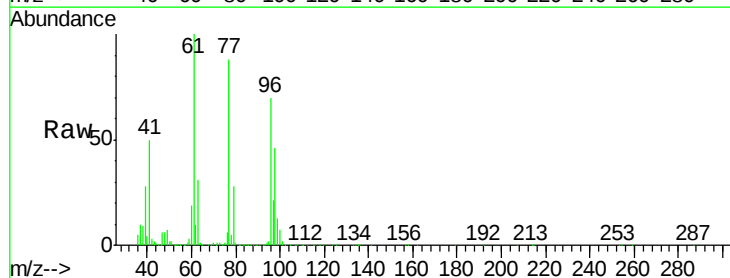
Acq: 15 Jan 2019 18:13

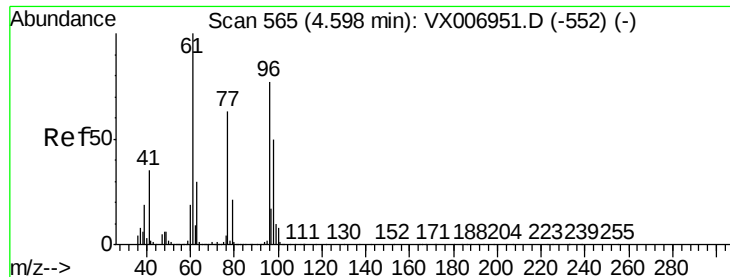
Tgt Ion: 77 Resp: 310752

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



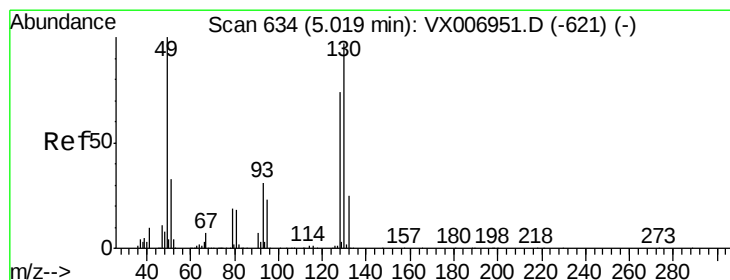
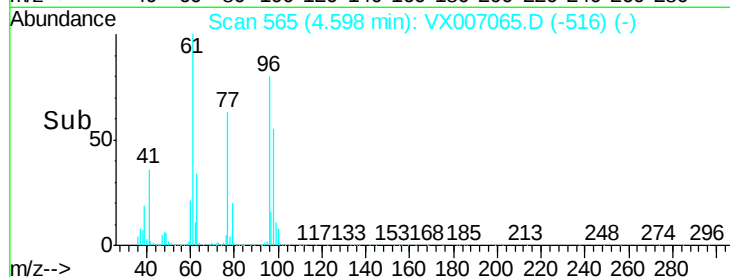
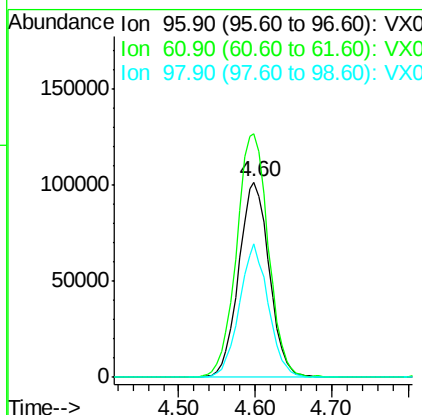
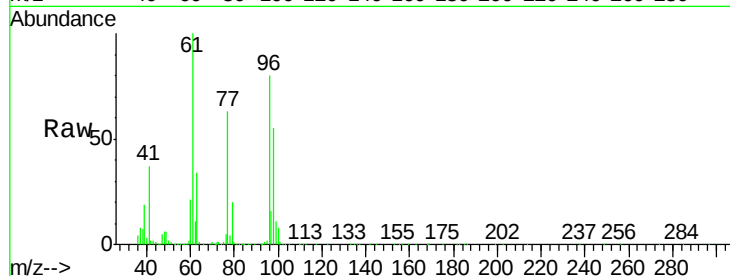


#27

cis-1,2-Dichloroethene
Concen: 48.409 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

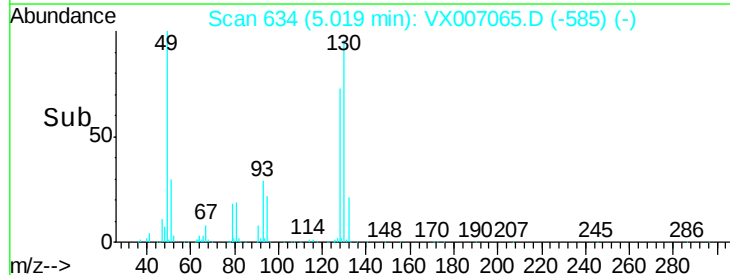
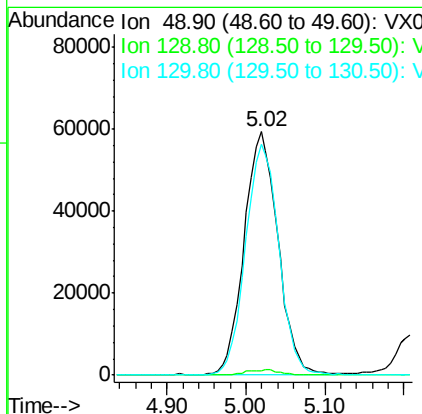
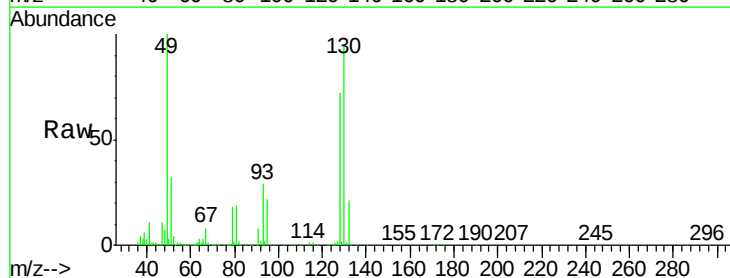
Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	258.6
98	64.7	0.0	132.0

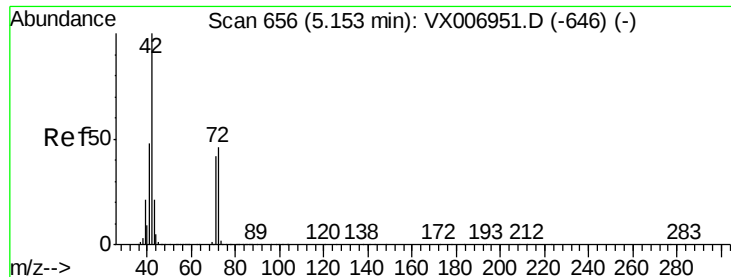


#28

Bromochloromethane
Concen: 47.319 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.4
130	93.4	77.7	116.5





#29

Tetrahydrofuran

Concen: 248.210 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

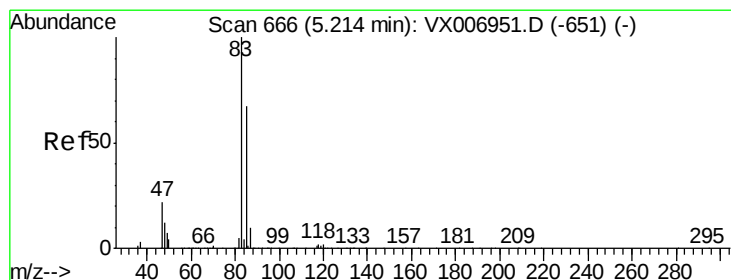
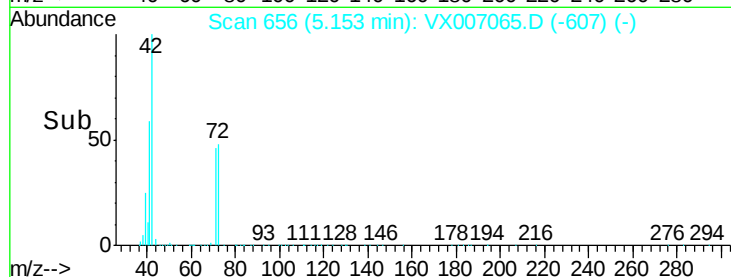
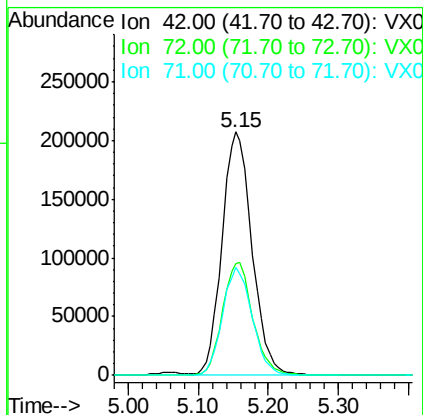
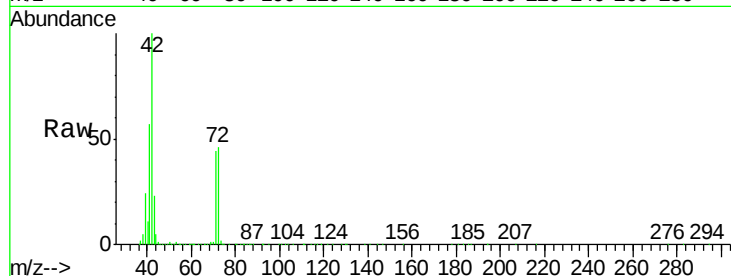
Tot Ion: 42 Resp: 614895

Ion Ratio Lower Upper

42 100

72 47.0 38.9 58.3

71 43.9 36.2 54.4



#30

Chloroform

Concen: 50.040 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007065.D

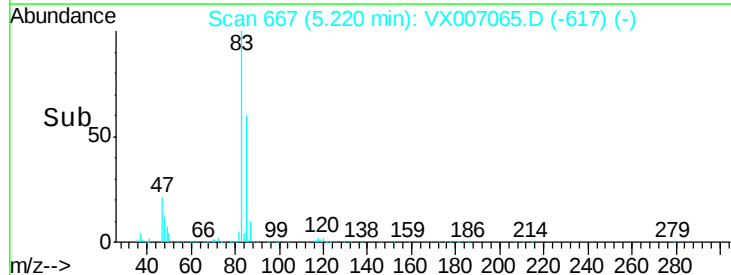
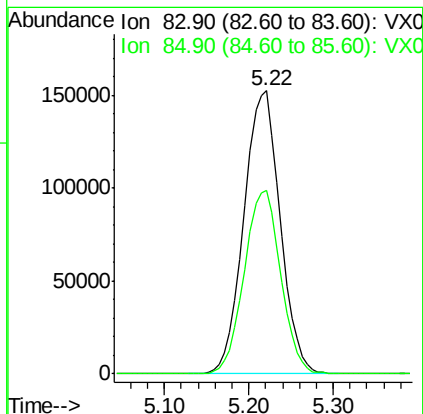
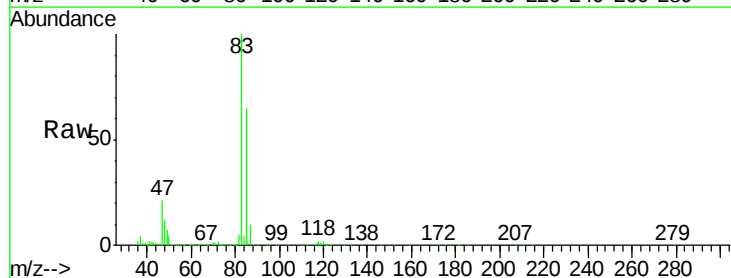
Acq: 15 Jan 2019 18:13

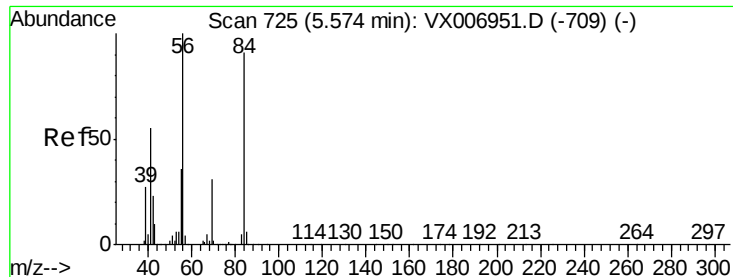
Tgt Ion: 83 Resp: 447327

Ion Ratio Lower Upper

83 100

85 64.8 51.2 76.8





#31

Cyclohexane

Concen: 48.623 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

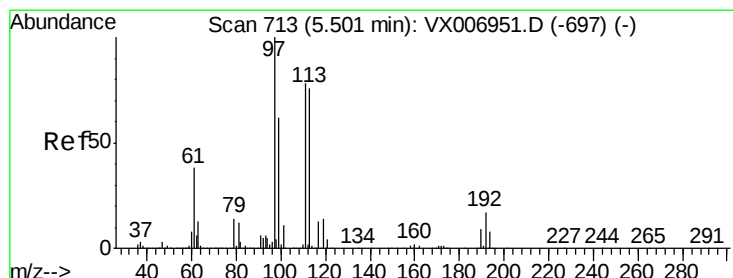
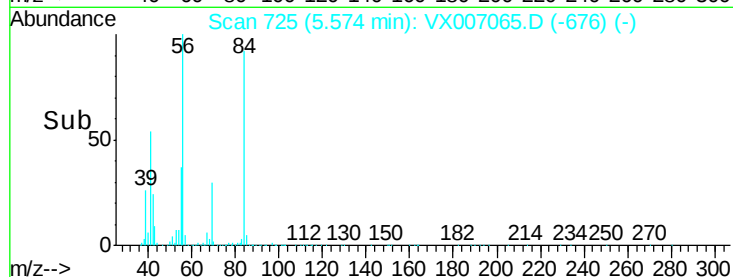
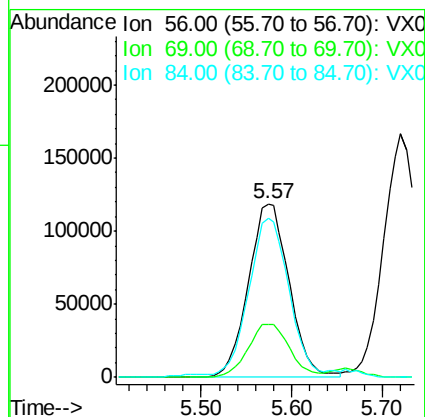
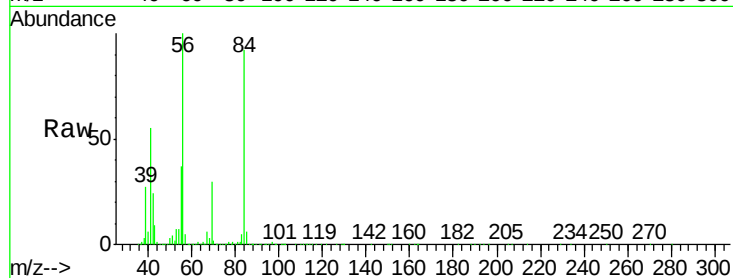
Tot Ion: 56 Resp: 369500

Ion Ratio Lower Upper

56 100

69 30.3 24.4 36.6

84 90.0 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 50.276 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

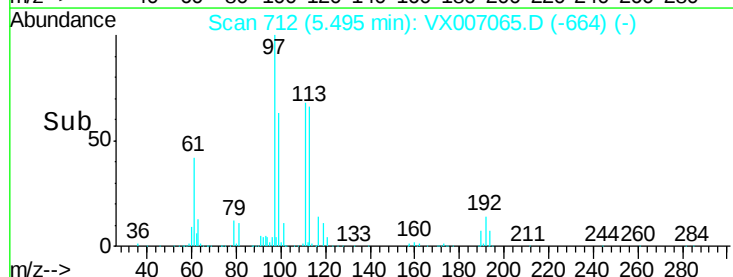
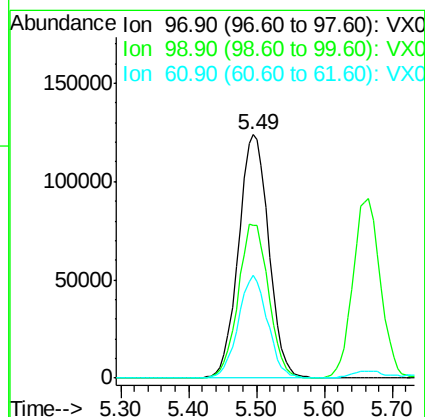
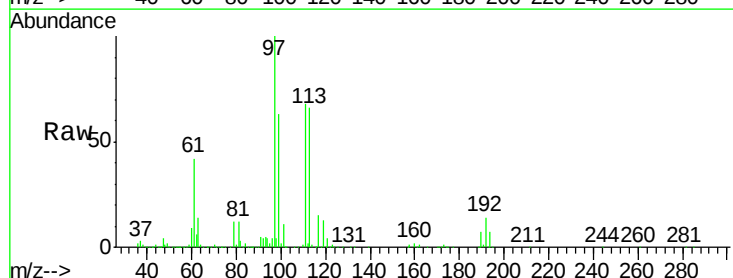
Tgt Ion: 97 Resp: 380947

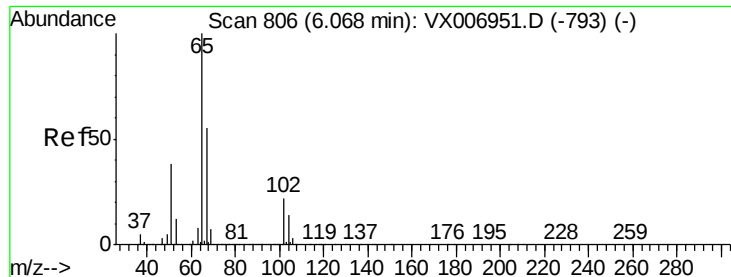
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 41.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.532 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

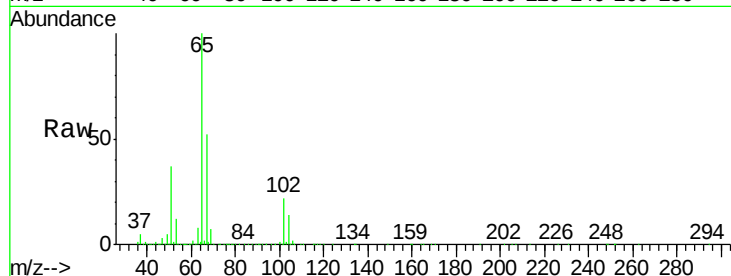
VSTDCCC050EC

Tot Ion: 65 Resp: 272315

Ion Ratio Lower Upper

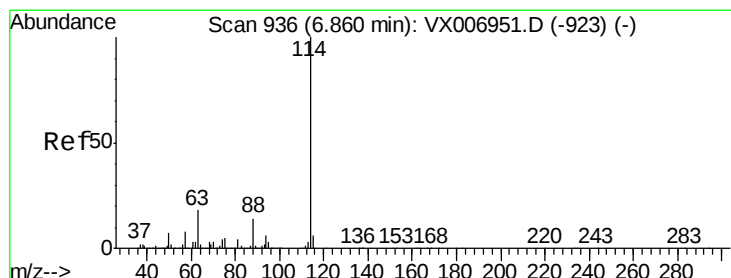
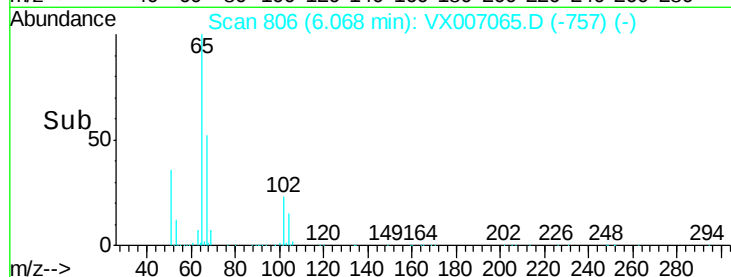
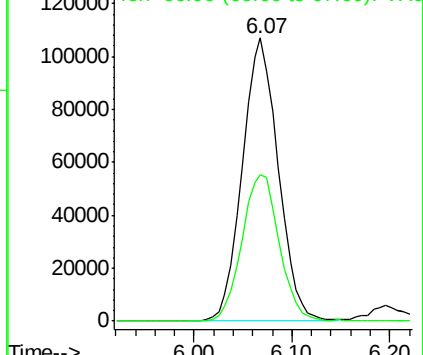
65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

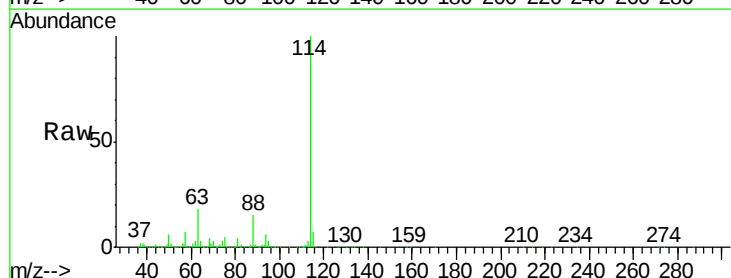
Tgt Ion: 114 Resp: 773649

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

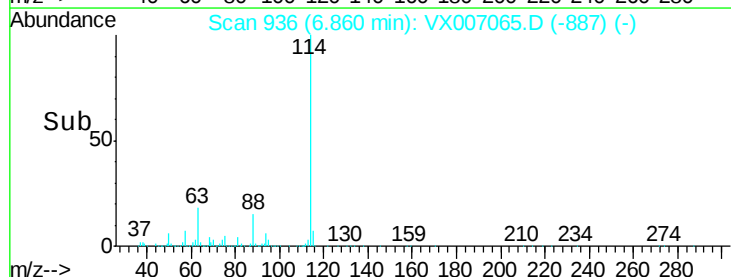
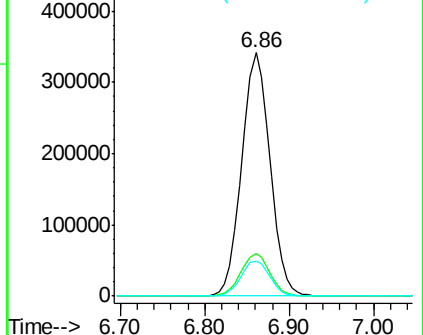
88 14.6 0.0 28.8

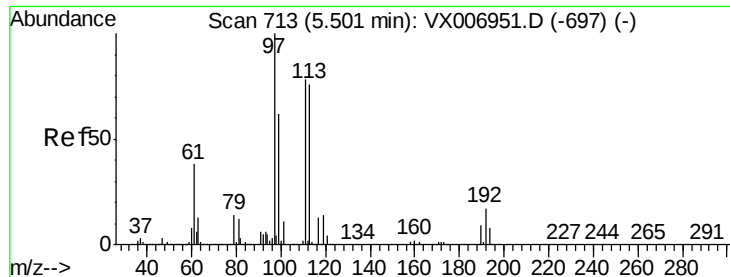


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.486 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

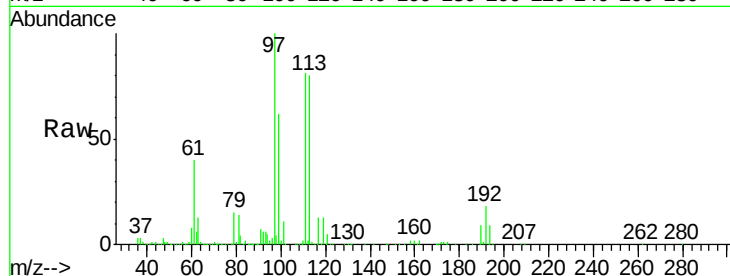
Tot Ion:113 Resp: 250127

Ion Ratio Lower Upper

113 100

111 102.3 81.6 122.4

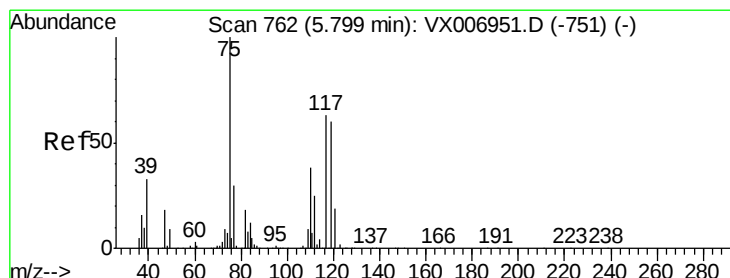
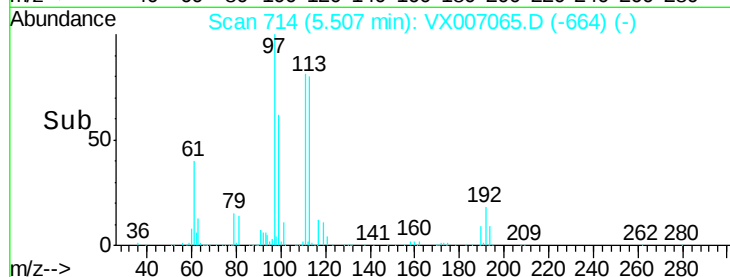
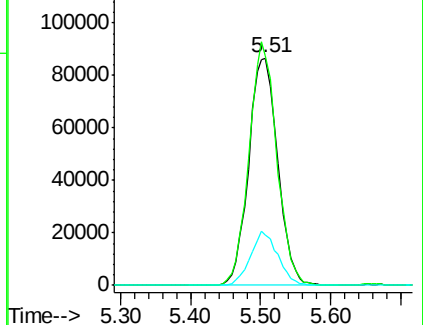
192 22.5 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.188 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

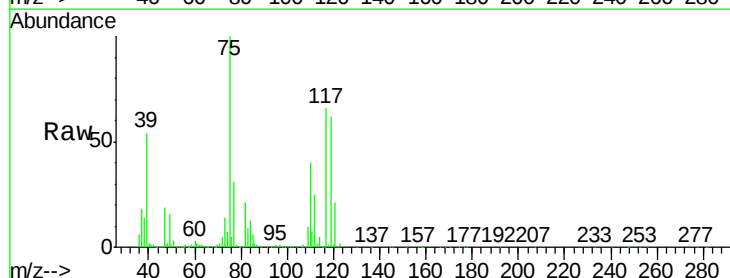
Tgt Ion: 75 Resp: 317400

Ion Ratio Lower Upper

75 100

110 40.6 20.2 60.5

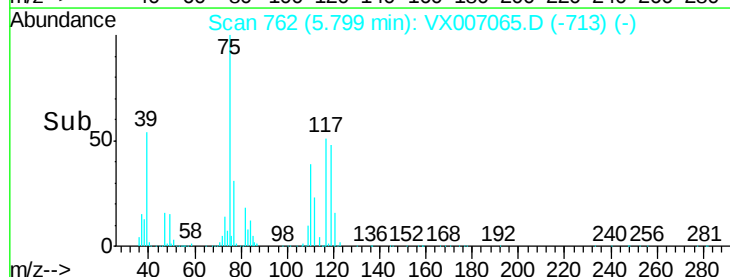
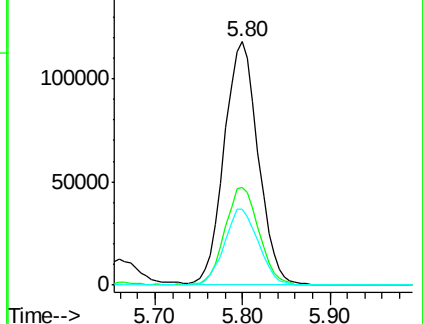
77 31.2 24.8 37.2

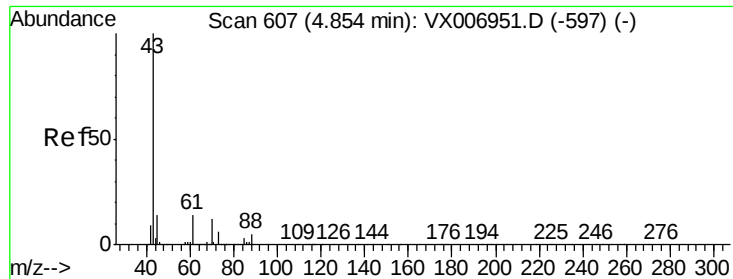


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

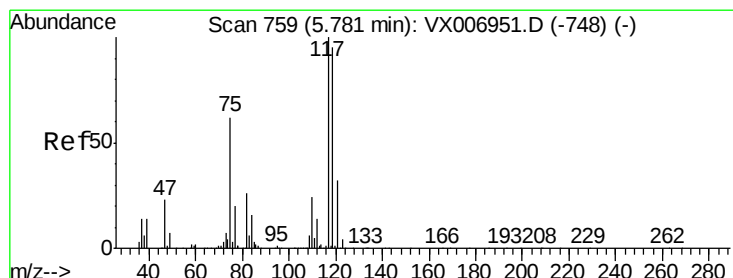
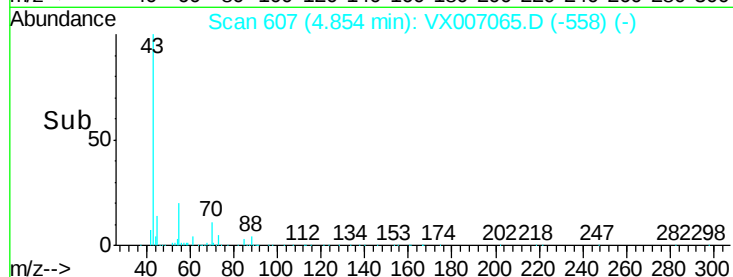
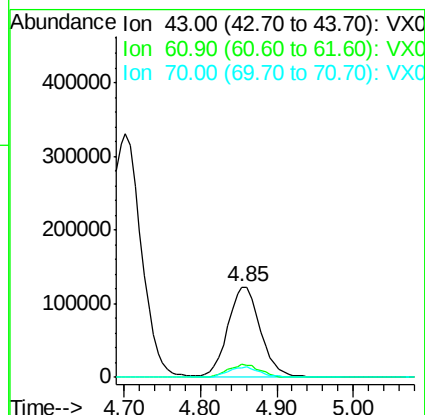
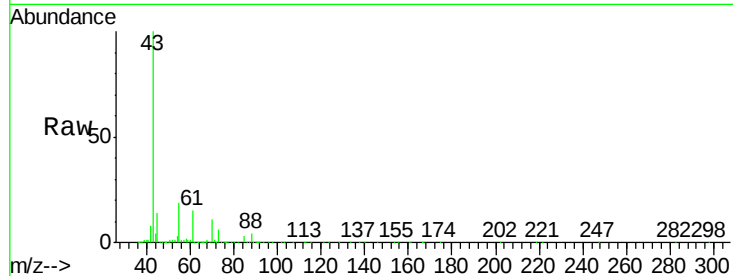




#37
Ethyl Acetate
Concen: 49.794 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

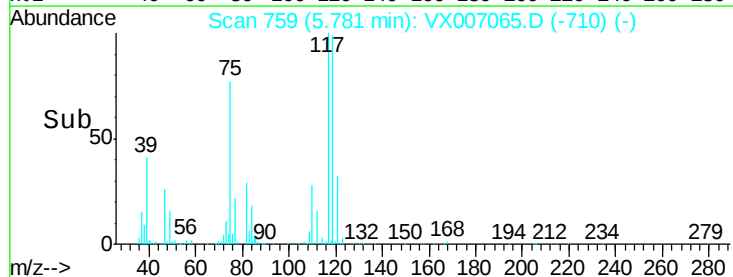
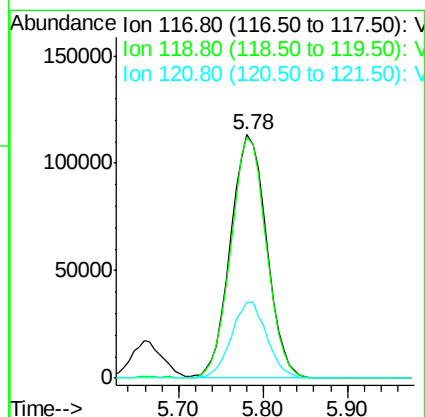
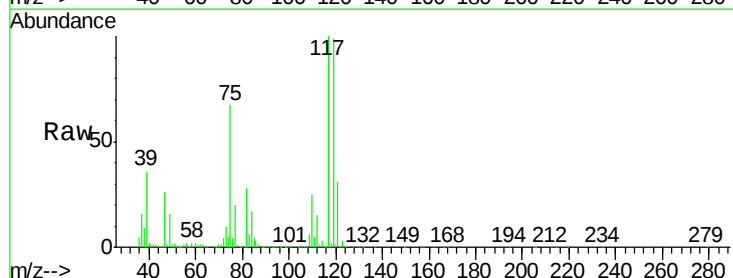
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

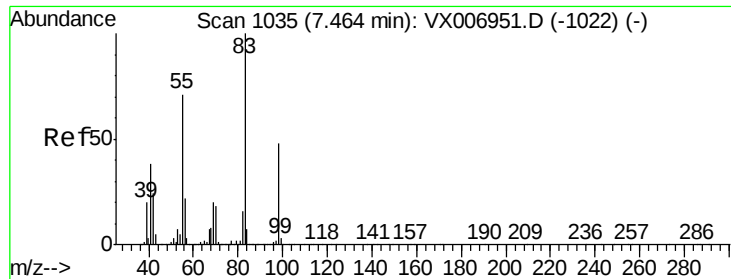
Tot Ion	43	Resp	359070
Ion Ratio	Lower	Upper	
43	100		
61	14.3	11.9	17.9
70	11.1	9.7	14.5



#38
Carbon Tetrachloride
Concen: 48.643 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	117	Resp	329187
Ion Ratio	Lower	Upper	
117	100		
119	98.7	79.4	119.2
121	31.4	24.0	36.0

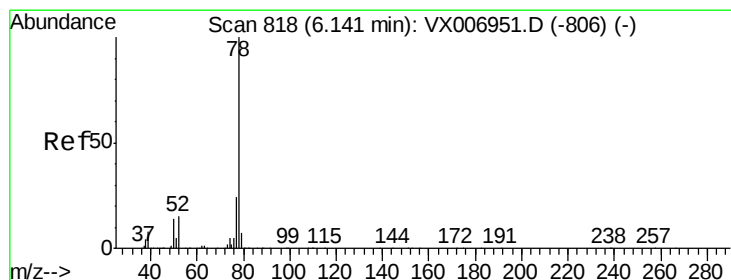
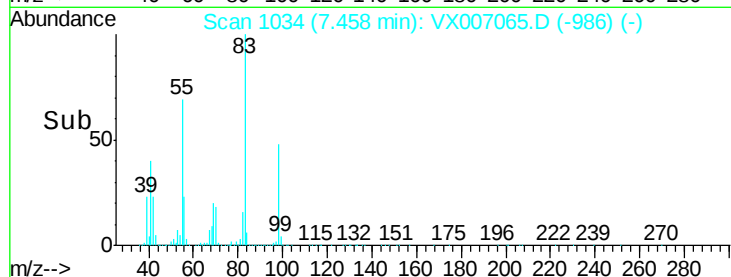
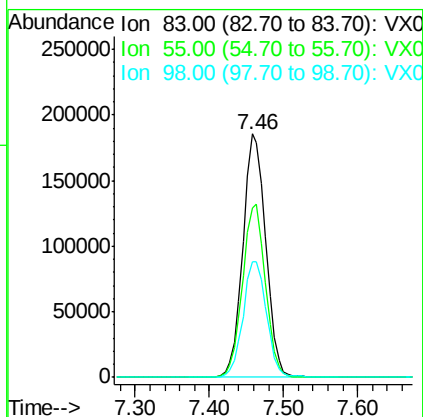
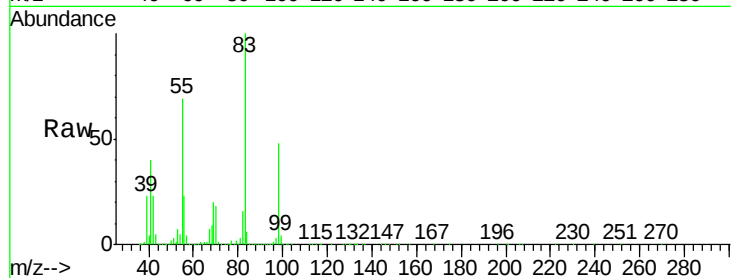




#39
Methylvlcvclohexane
Concen: 46.786 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

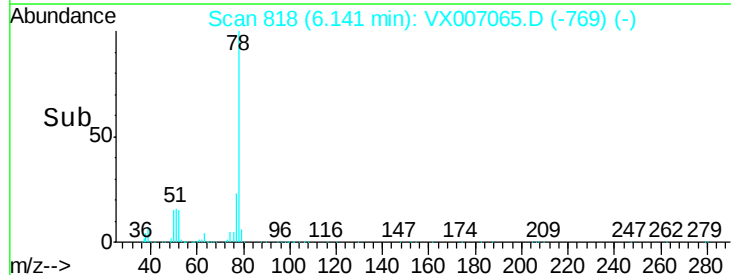
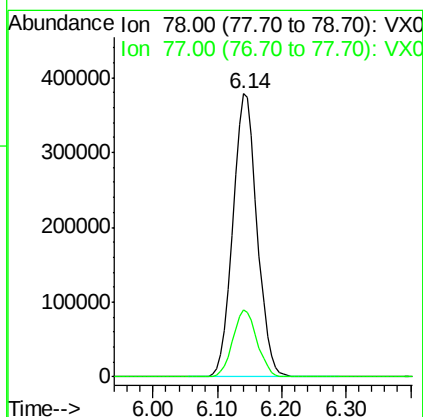
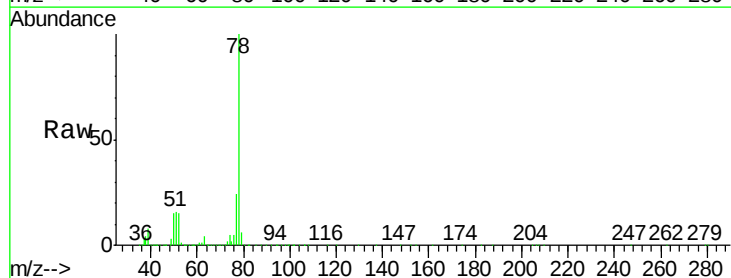
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

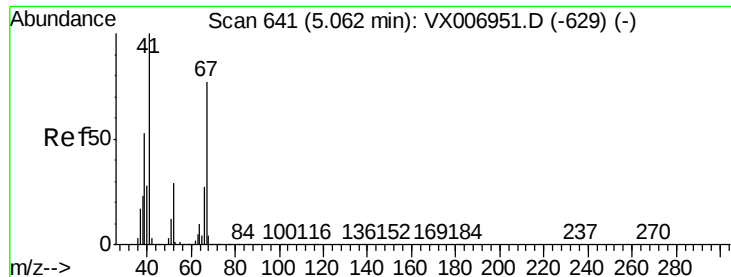
Tot Ion	83	Resp	401191
Ion	Ratio	Lower	Upper
83	100		
55	69.4	54.9	82.3
98	47.7	37.9	56.9



#40
Benzene
Concen: 48.336 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion	78	Resp	992033
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 46.759 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 194247

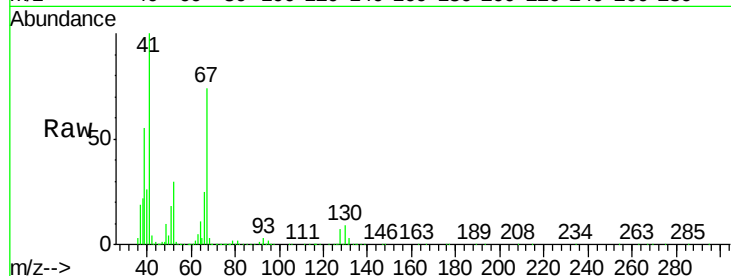
Ion Ratio Lower Upper

41 100

39 55.7 42.8 64.2

67 76.0 62.1 93.1

52 29.8 23.4 35.0

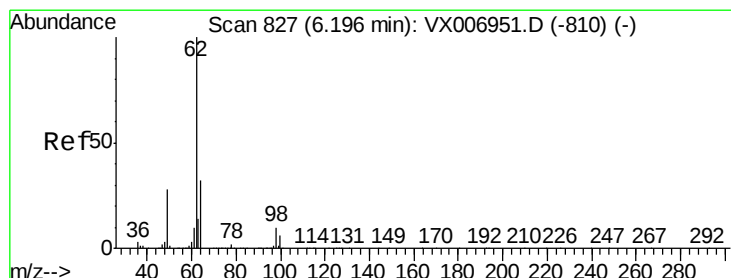
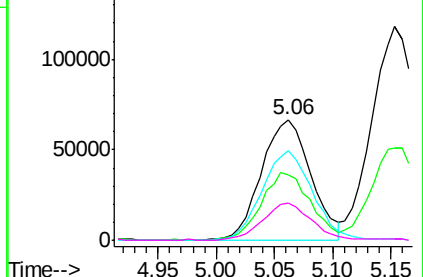
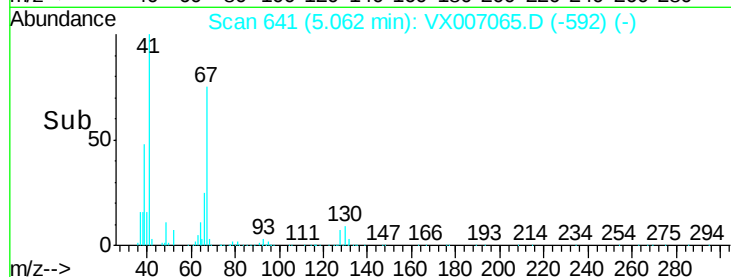


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 47.901 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007065.D

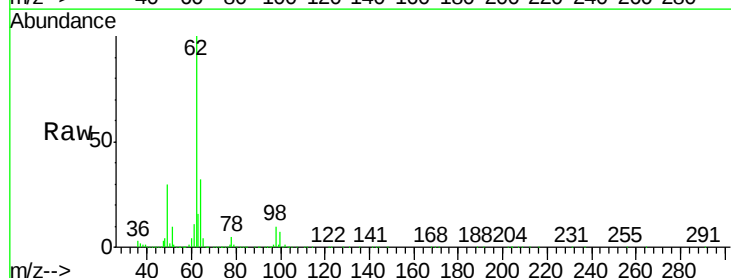
Acq: 15 Jan 2019 18:13

Tgt Ion: 62 Resp: 339728

Ion Ratio Lower Upper

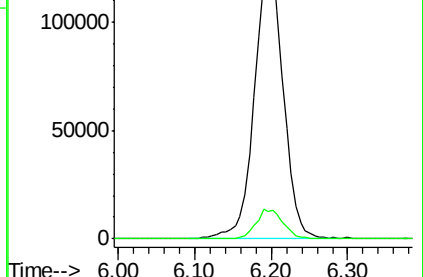
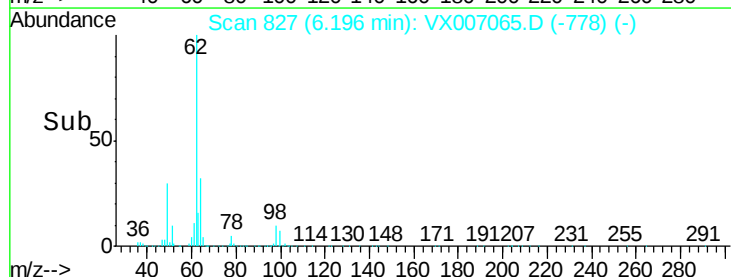
62 100

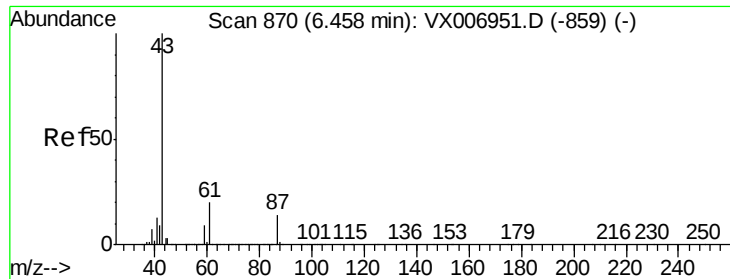
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



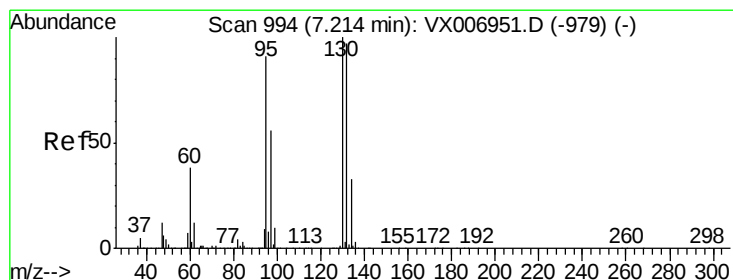
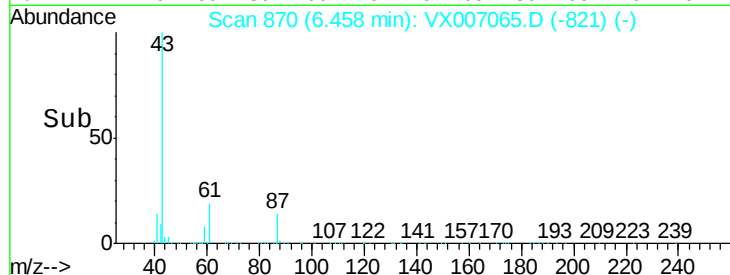
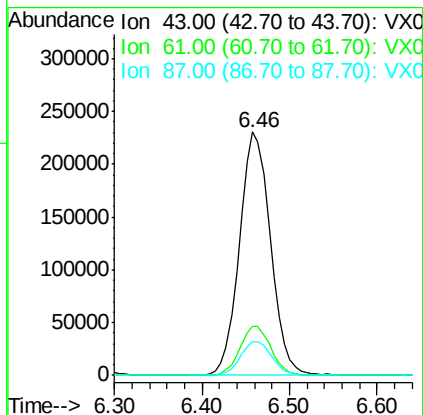
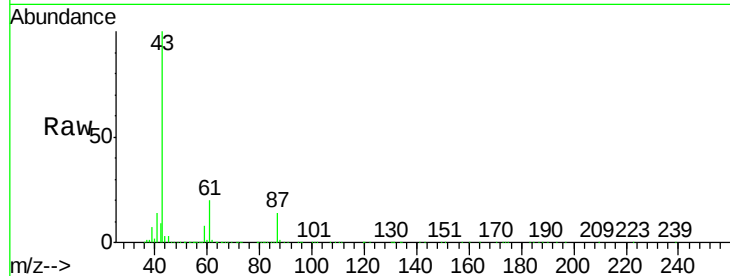


#43

Isopropyl Acetate
 Concen: 49.828 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

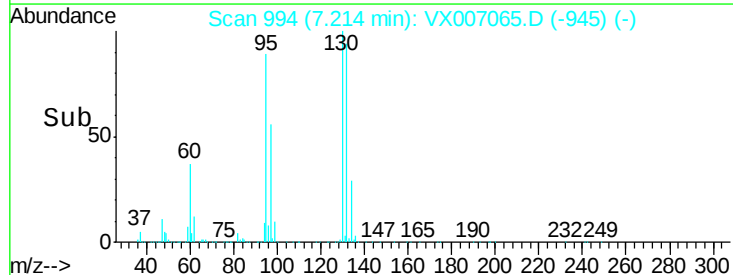
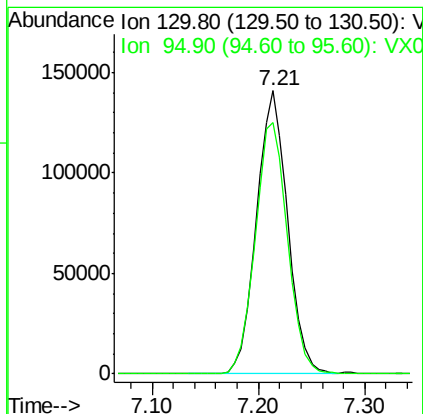
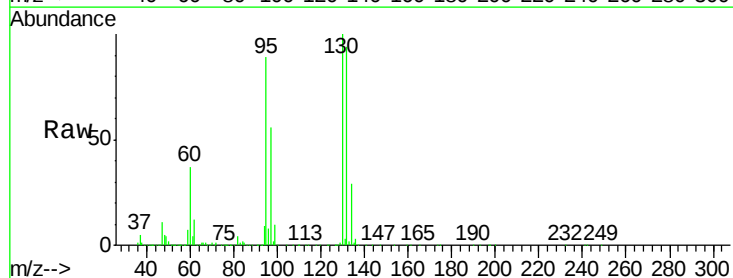
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.8	25.2
87	14.2	12.4	18.6

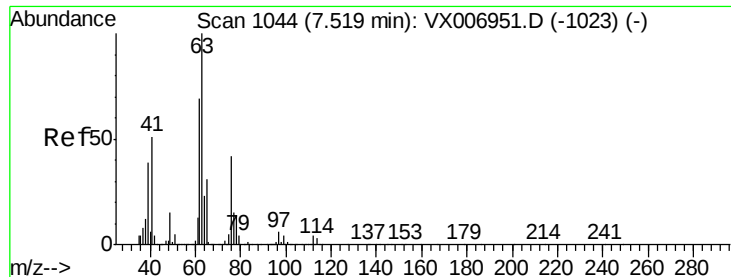


#44

Trichloroethene
 Concen: 46.929 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.791 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

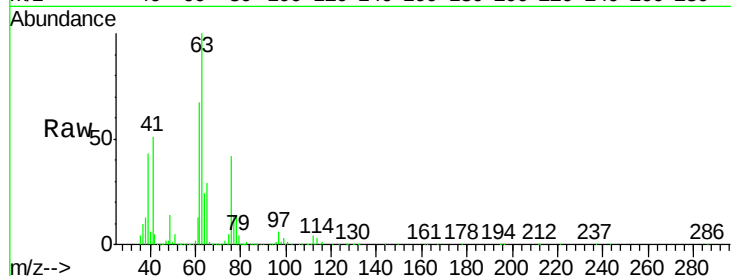
VSTDCCC050EC

Tot Ion: 63 Resp: 256908

Ion Ratio Lower Upper

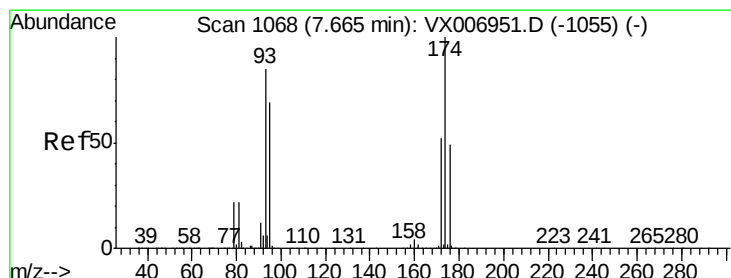
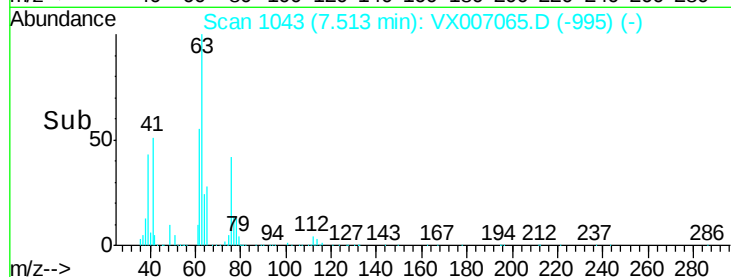
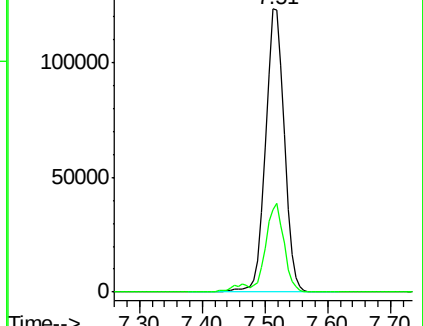
63 100

65 28.8 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.611 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

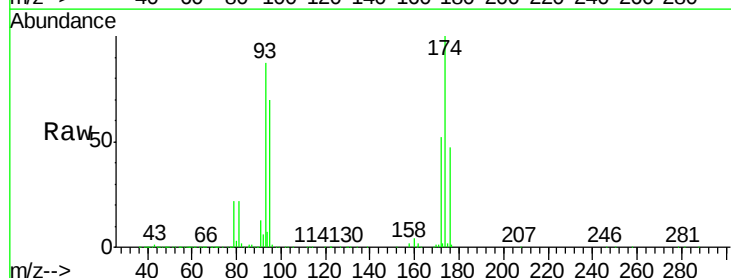
Tgt Ion: 93 Resp: 179903

Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.4

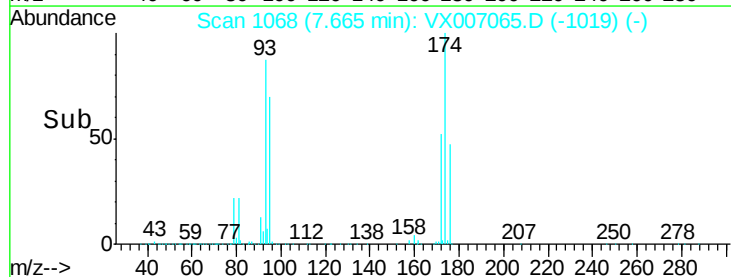
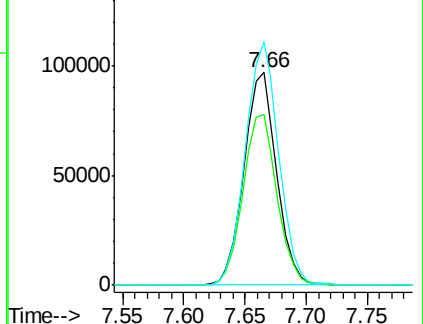
174 116.7 91.0 136.4

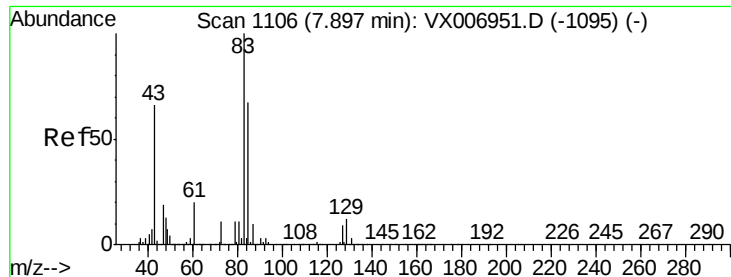


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.422 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

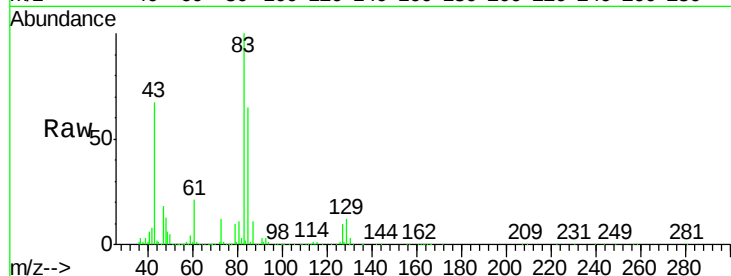
Tot Ion: 83 Resp: 317405

Ion Ratio Lower Upper

83 100

85 64.8 53.2 79.8

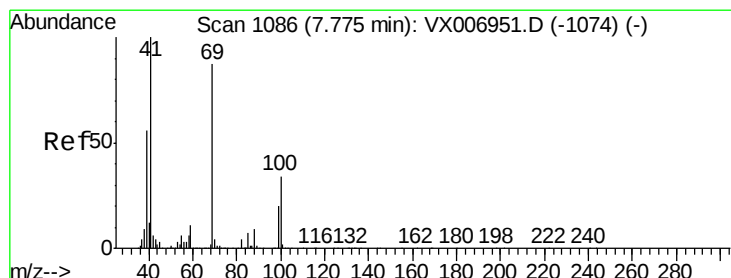
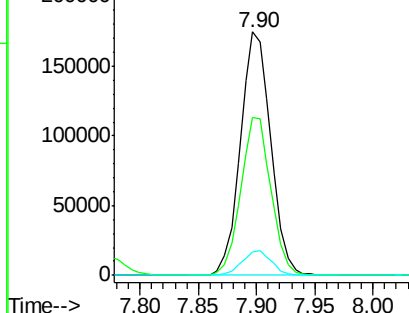
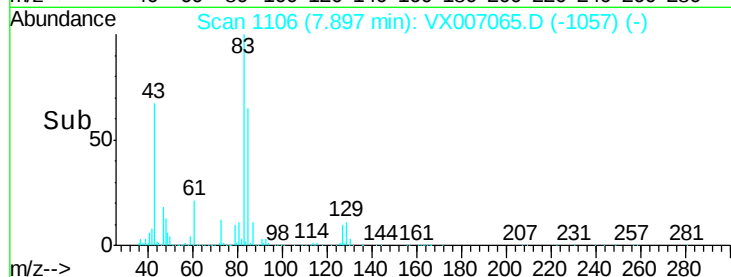
127 9.9 7.8 11.6



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: 50.031 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

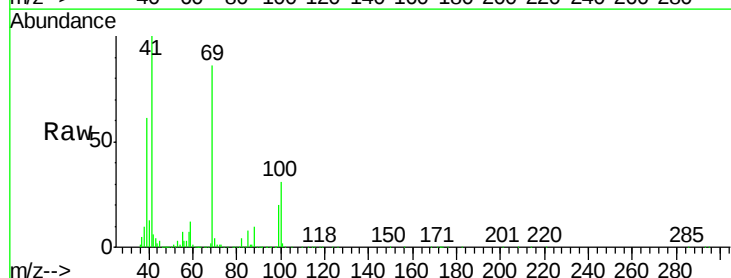
Tgt Ion: 41 Resp: 292248

Ion Ratio Lower Upper

41 100

69 88.2 72.4 108.6

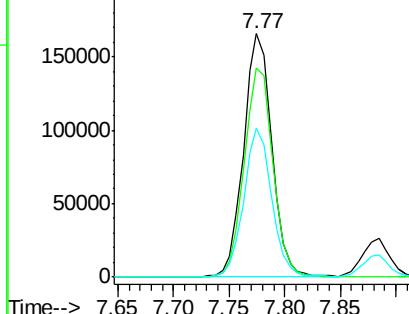
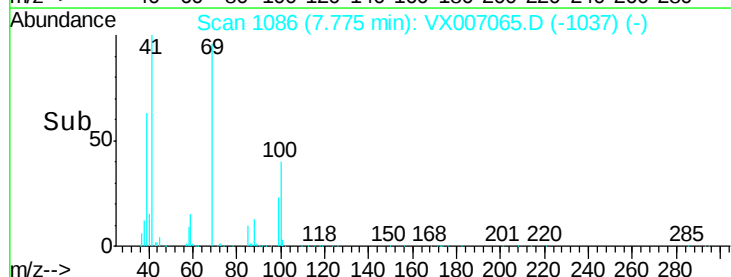
39 60.2 45.8 68.8

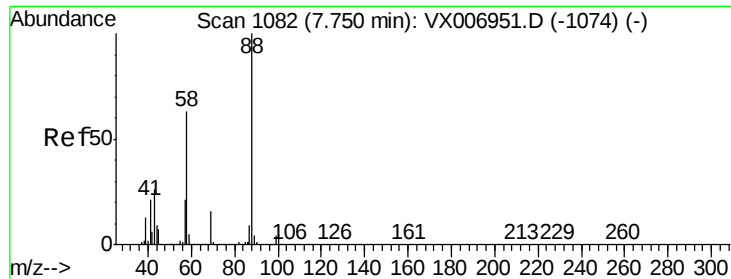


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

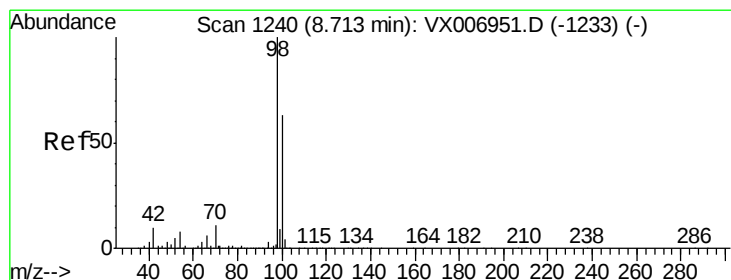
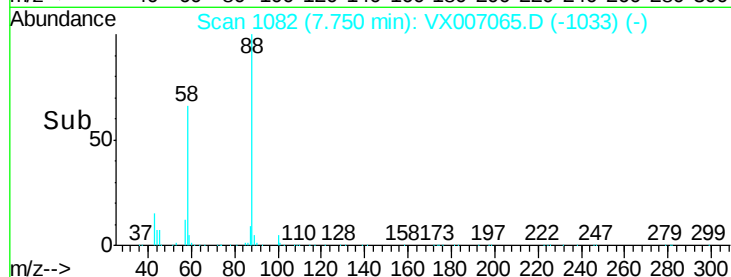
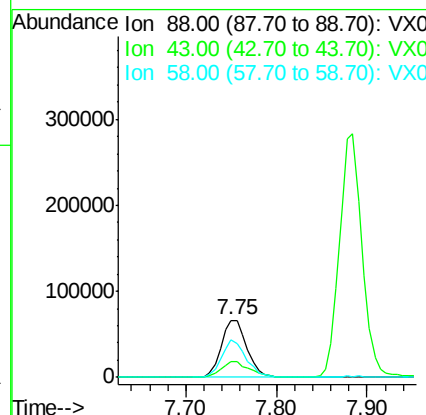
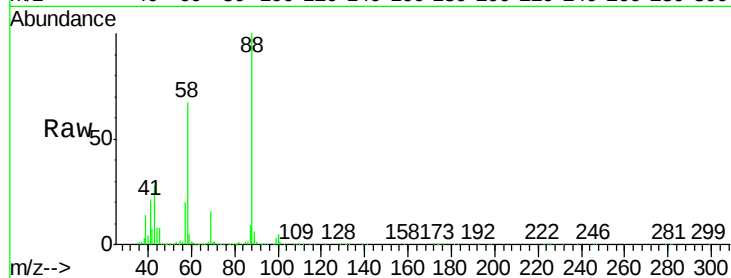




#49
1,4-Dioxane
Concen: 979.122 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

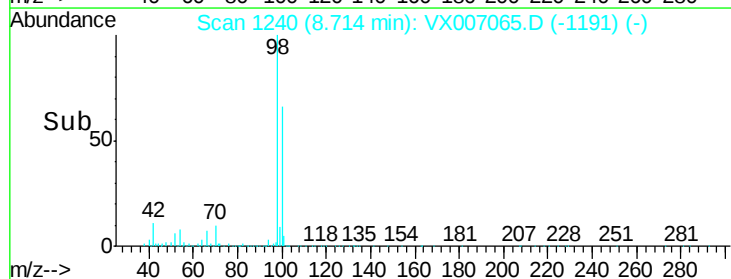
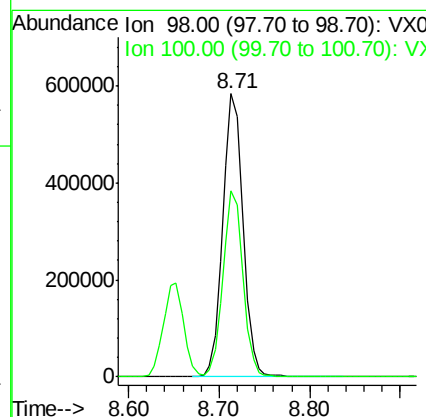
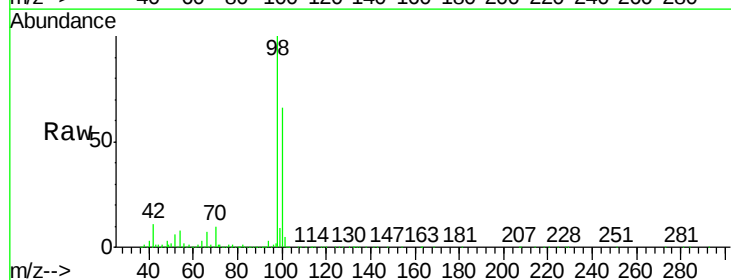
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

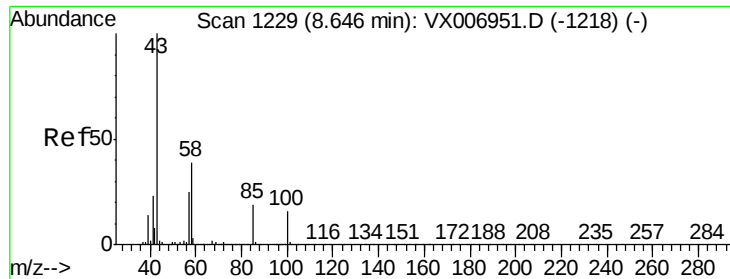
Tot Ion: 88 Resp: 130636
Ion Ratio Lower Upper
88 100
43 29.9 22.2 33.4
58 64.1 51.0 76.4



#50
Toluene-d8
Concen: 50.464 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 98 Resp: 915151
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 253.539 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

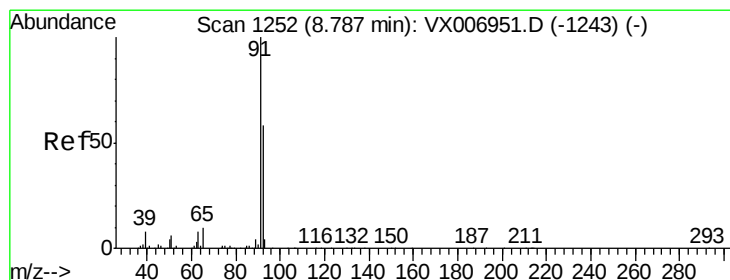
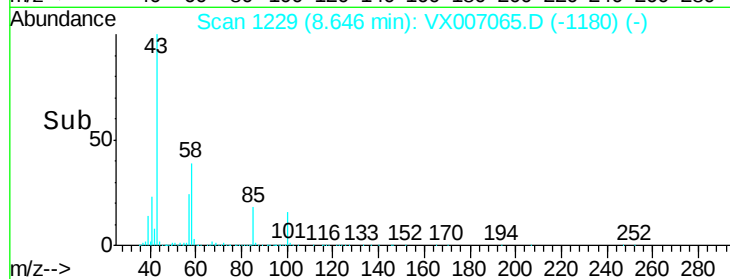
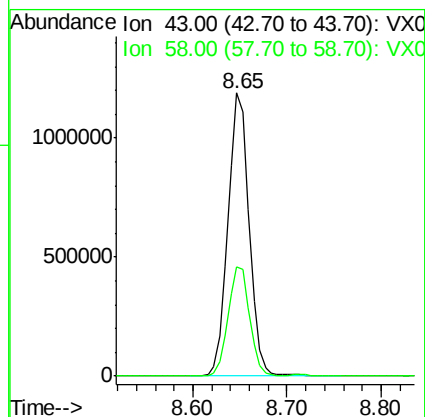
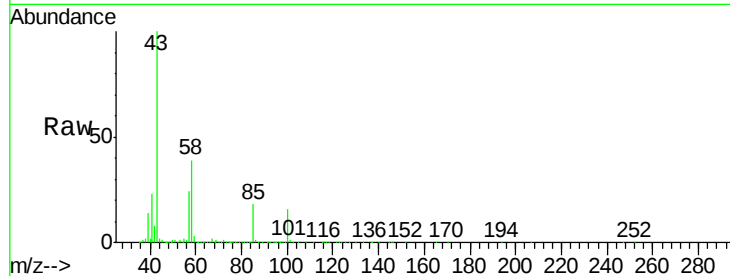
VSTDCCC050EC

Tot Ion: 43 Resp: 1853366

Ion Ratio Lower Upper

43 100

58 39.4 31.8 47.6



#52

Toluene

Concen: 48.777 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX007065.D

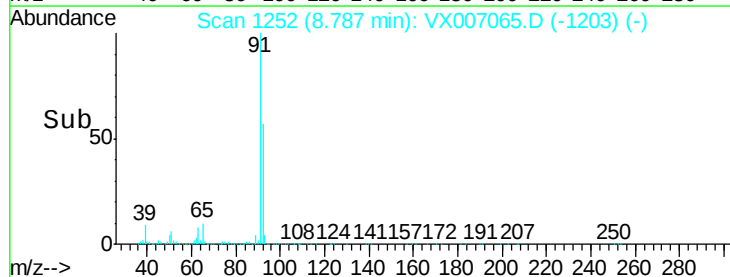
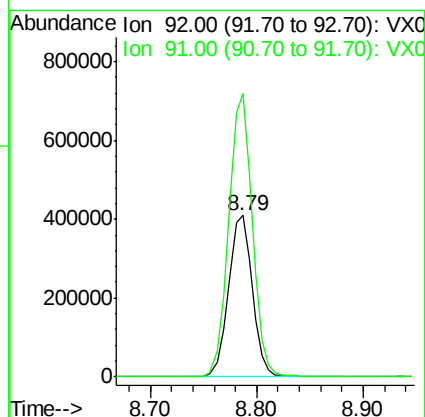
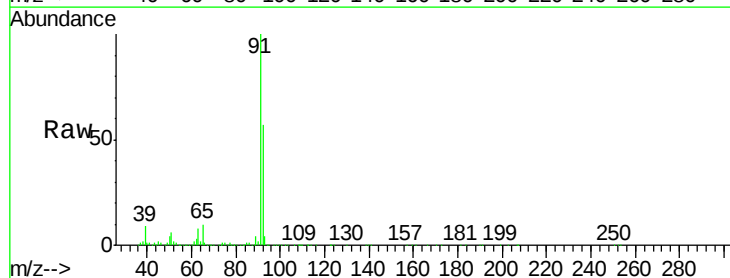
Acq: 15 Jan 2019 18:13

Tgt Ion: 92 Resp: 643434

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 51.133 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

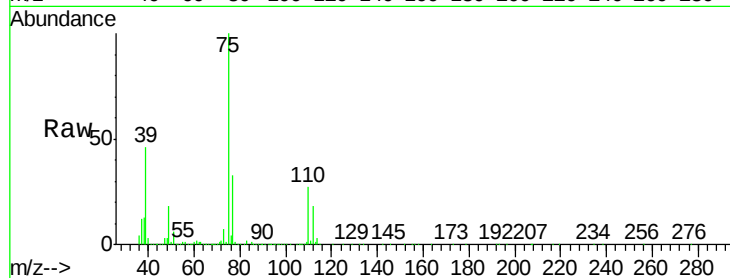
VSTDCCC050EC

Tot Ion: 75 Resp: 349978

Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

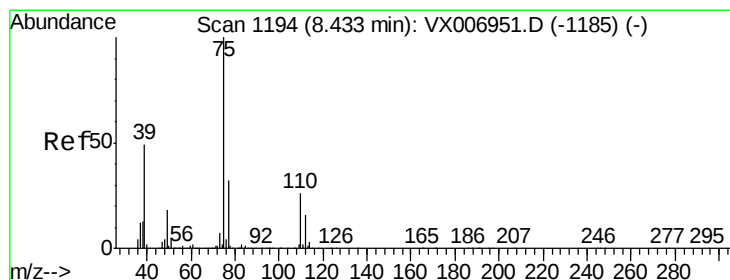
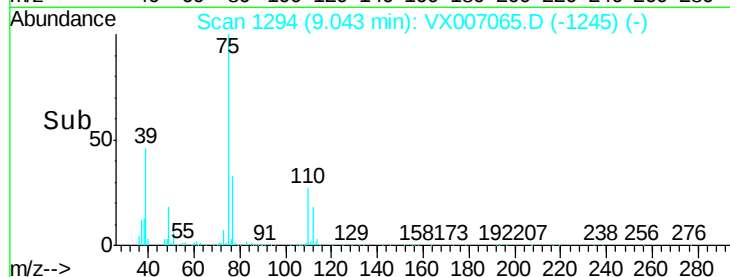
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.775 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

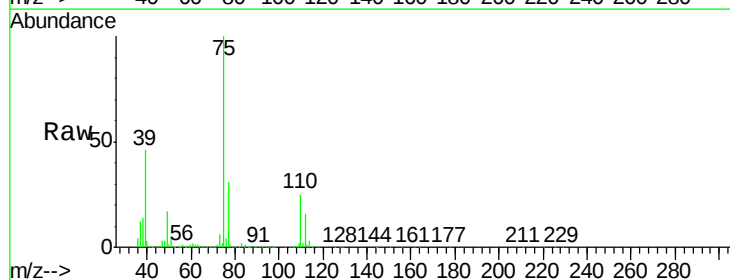
Tgt Ion: 75 Resp: 391351

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

39 45.9 36.7 55.1



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

8.43

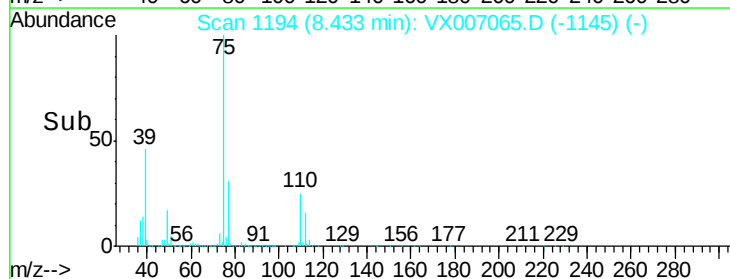
300000

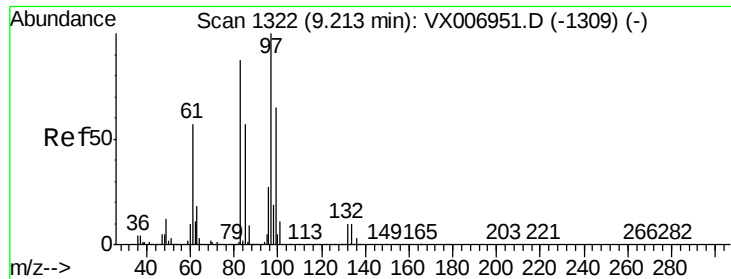
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.391 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 276626

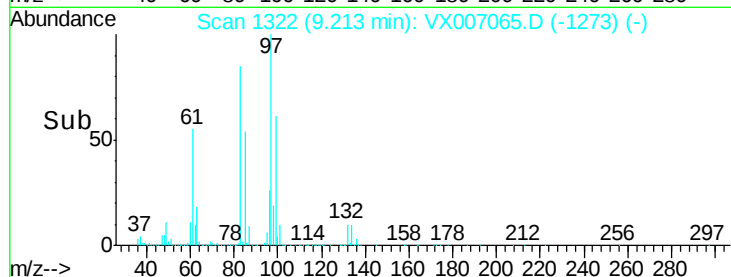
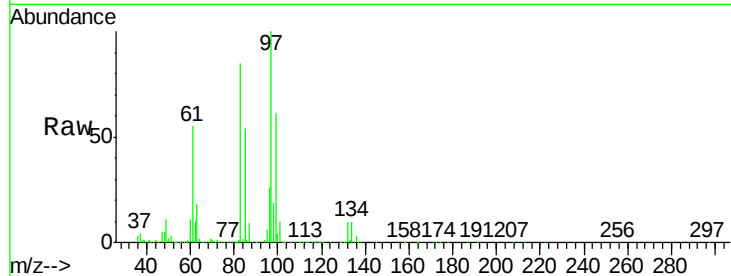
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.6	99.8
85	53.6	42.7	64.1
99	61.0	50.8	76.2

97 100

83 84.7 66.6 99.8

85 53.6 42.7 64.1

99 61.0 50.8 76.2

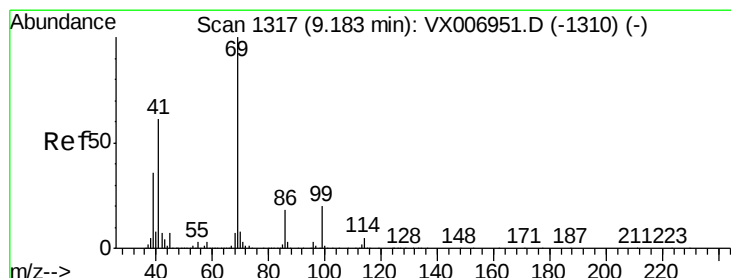
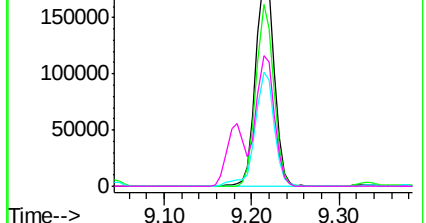


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.203 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

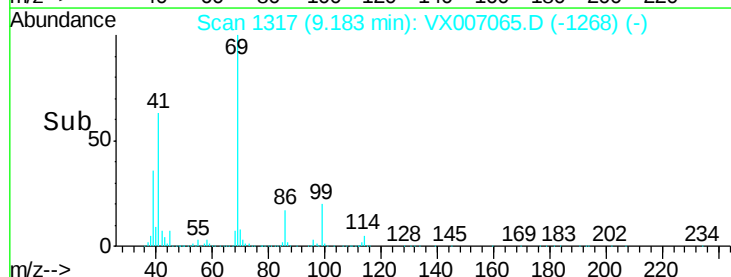
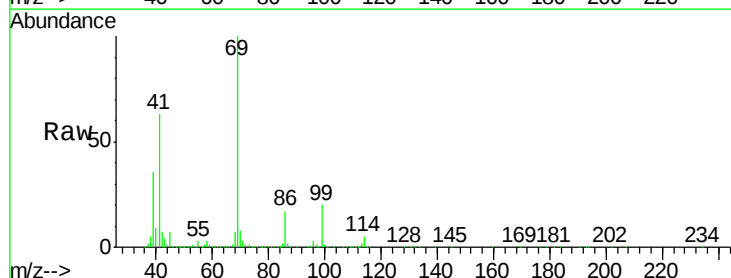
Tgt Ion: 69 Resp: 394675

Ion	Ratio	Lower	Upper
69	100		
41	64.3	48.7	73.1
39	37.2	27.0	40.6

69 100

41 64.3 48.7 73.1

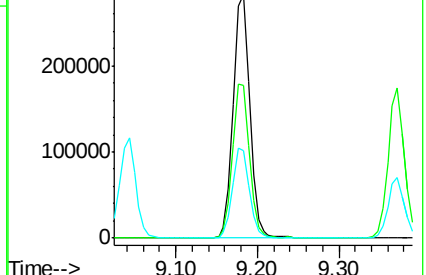
39 37.2 27.0 40.6

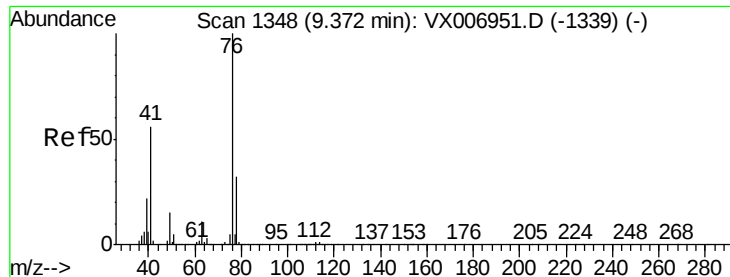


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.486 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

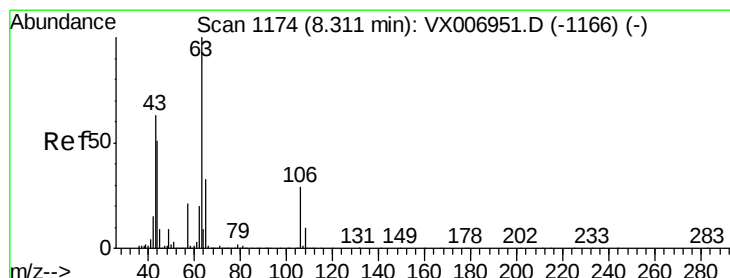
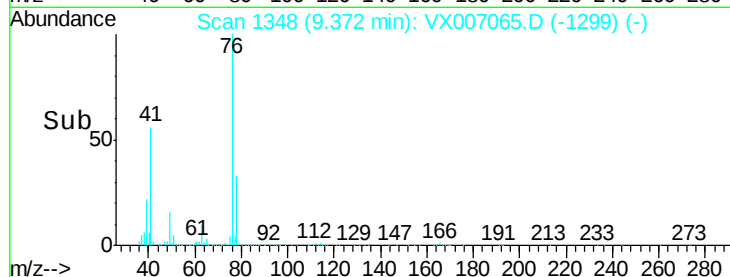
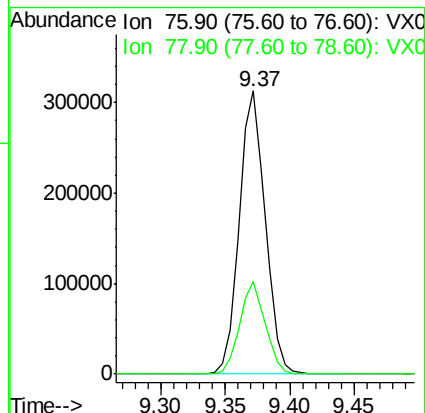
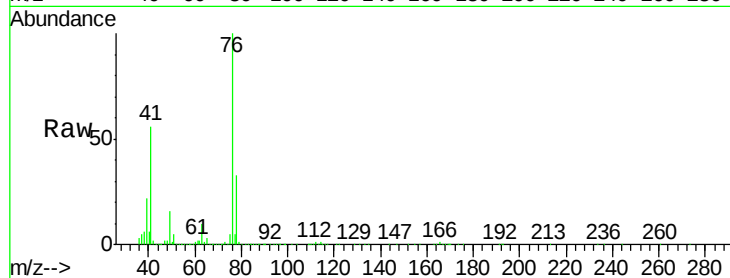
VSTDCCC050EC

Tot Ion: 76 Resp: 436711

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 259.775 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007065.D

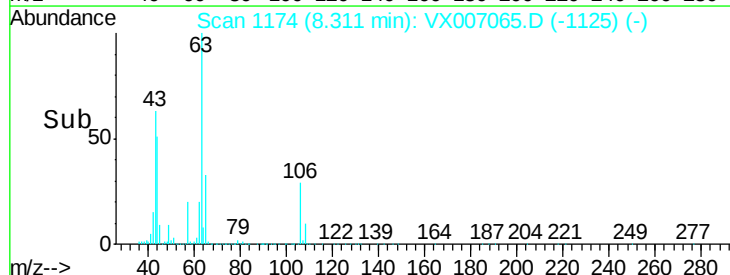
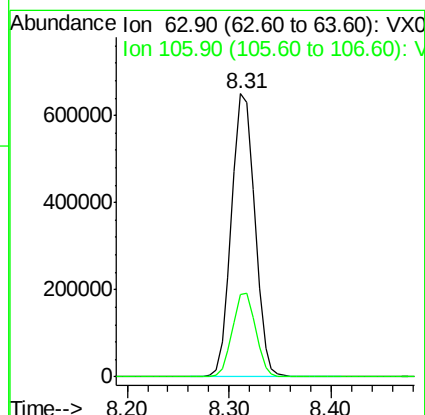
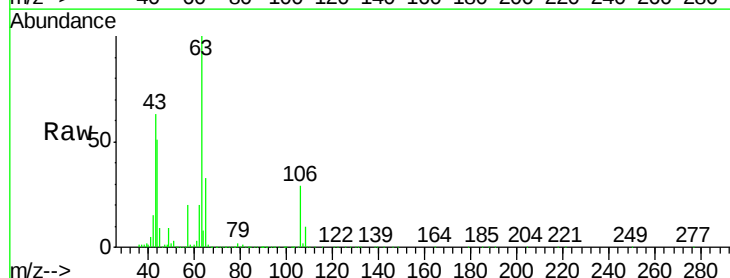
Acq: 15 Jan 2019 18:13

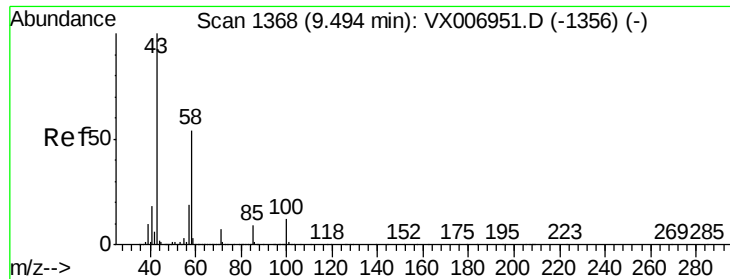
Tgt Ion: 63 Resp: 1029535

Ion Ratio Lower Upper

63 100

106 29.6 24.6 36.8

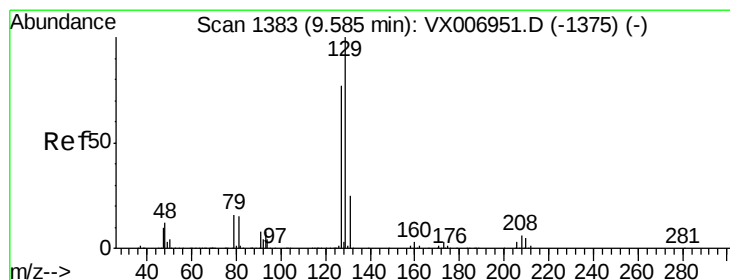
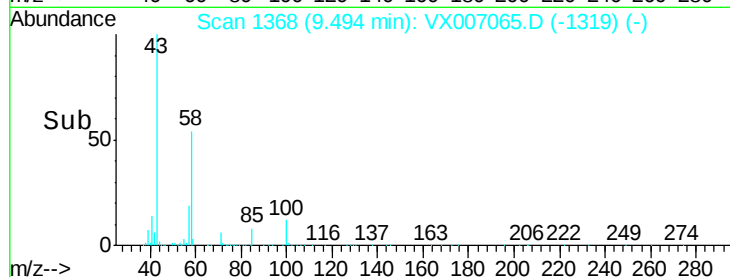
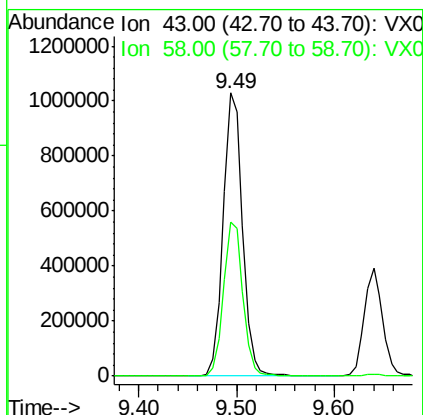
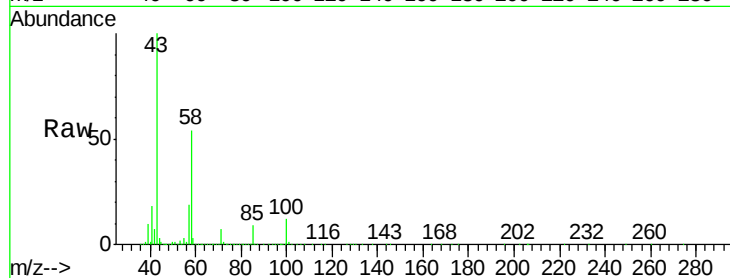




#59
2-Hexanone
Concen: 253.591 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

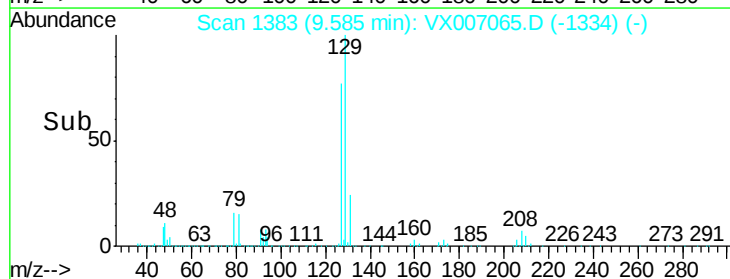
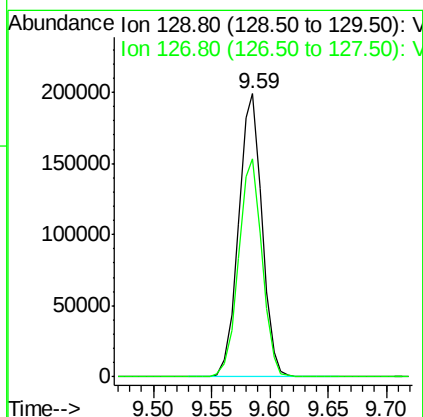
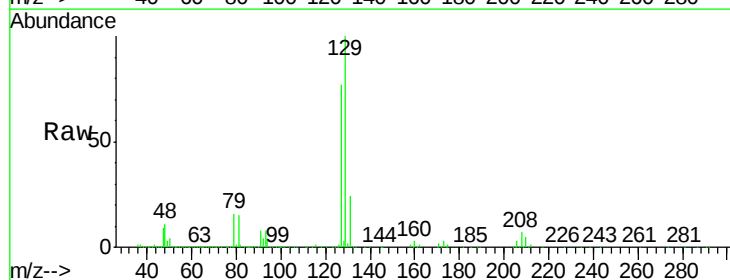
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

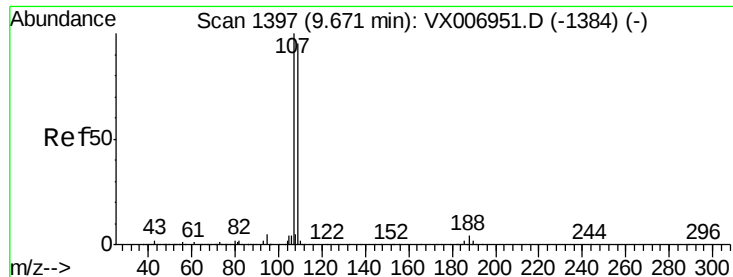
Tot Ion: 43 Resp: 1412661
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 54.365 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 129 Resp: 278734
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8

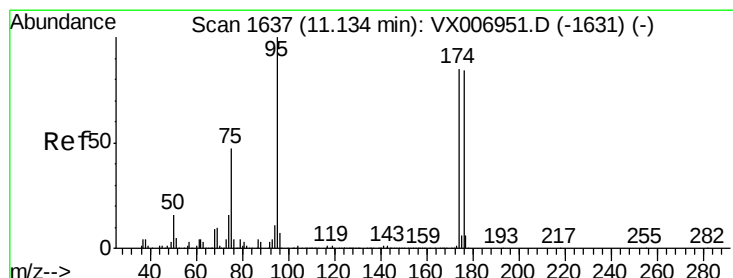
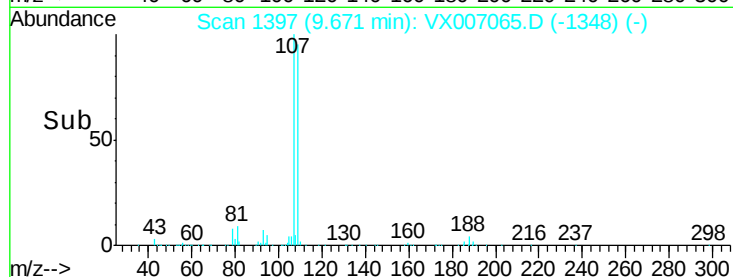
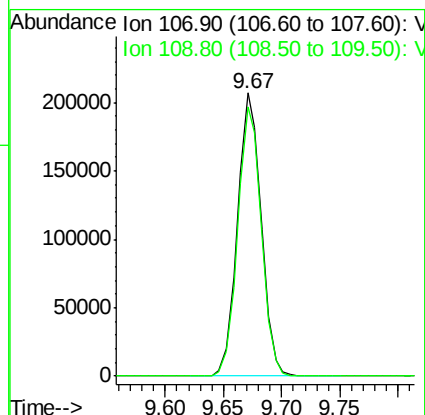
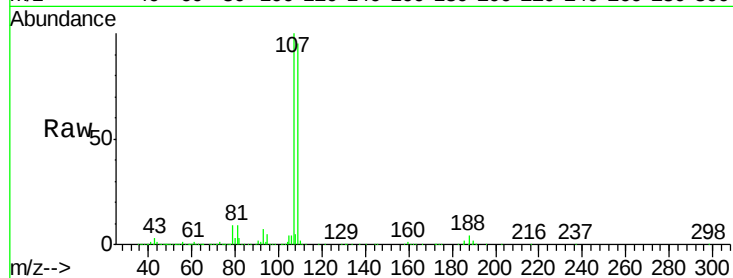




#61
 1,2-Dibromoethane
 Concen: 50.377 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

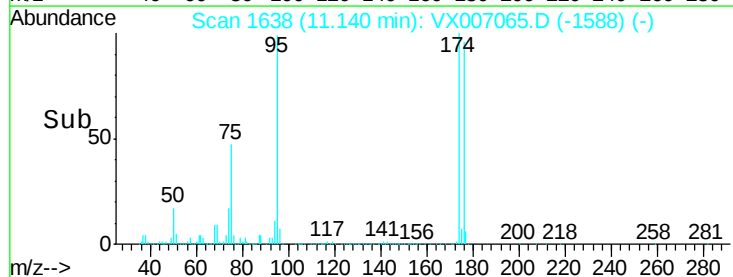
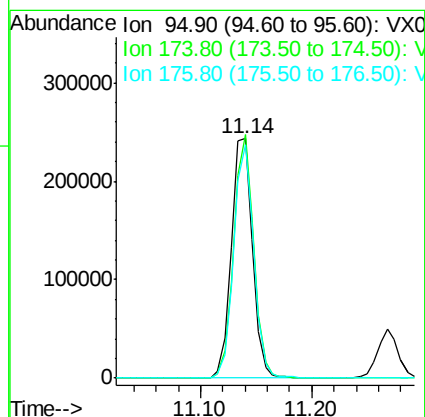
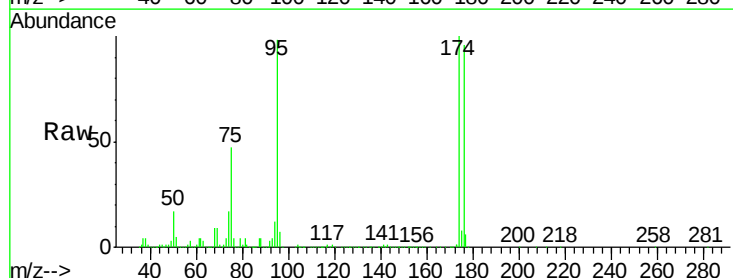
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

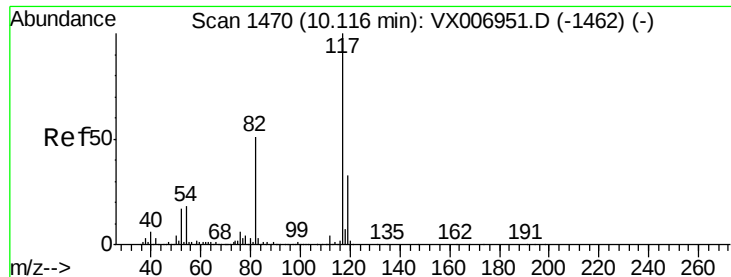
Tot Ion: 107 Resp: 292828
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 50.754 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.01 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion: 95 Resp: 320875
 Ion Ratio Lower Upper
 95 100
 174 95.3 0.0 182.2
 176 92.0 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

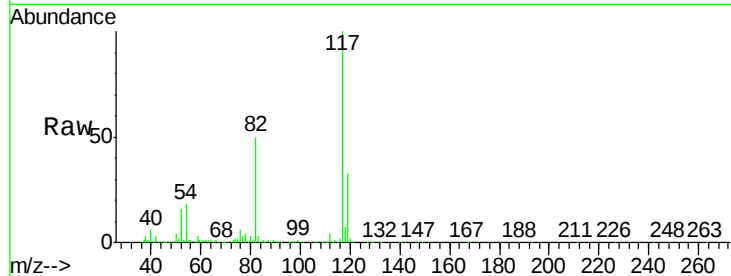
Tot Ion:117 Resp: 707045

Ion Ratio Lower Upper

117 100

82 50.4 41.0 61.6

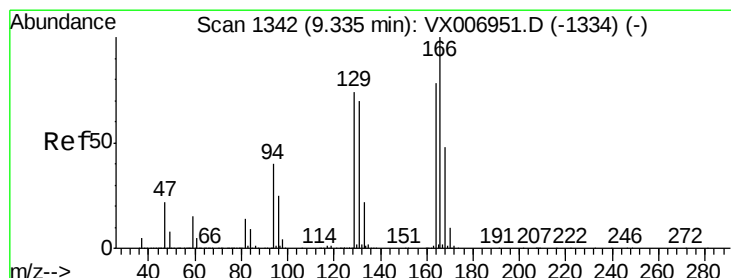
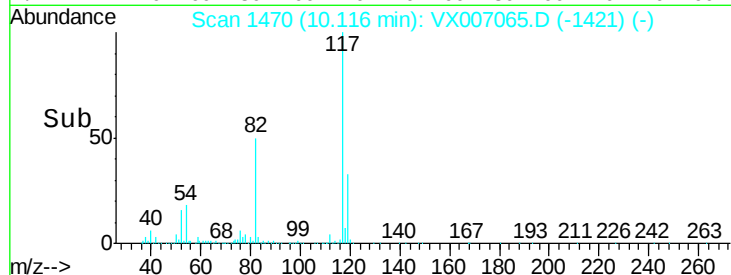
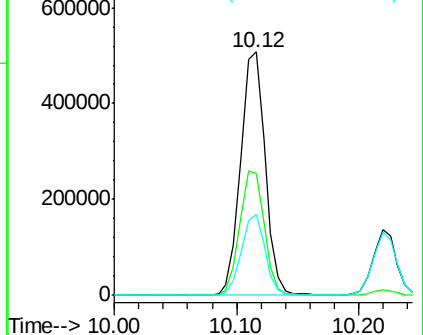
119 33.1 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 45.628 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:164 Resp: 279309

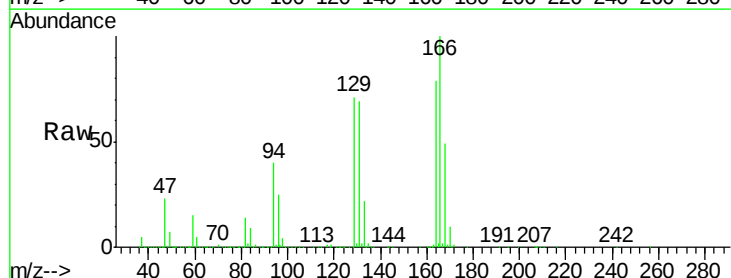
Ion Ratio Lower Upper

164 100

166 127.0 102.5 153.7

129 90.5 75.1 112.7

131 87.0 72.7 109.1

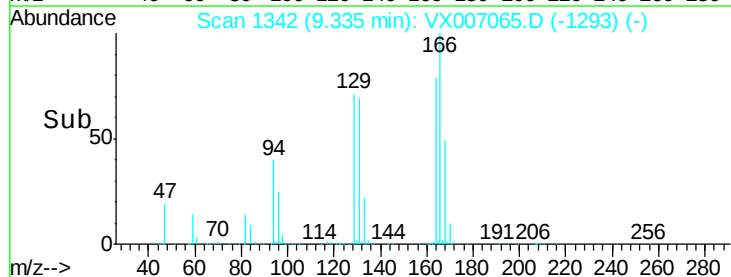
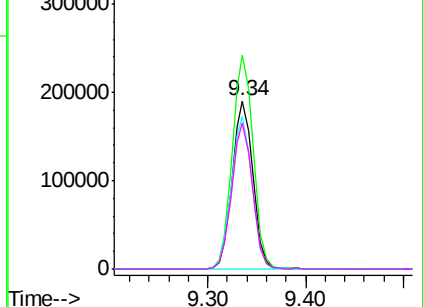


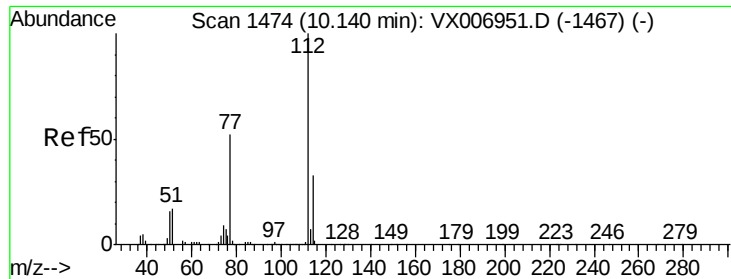
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 48.201 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

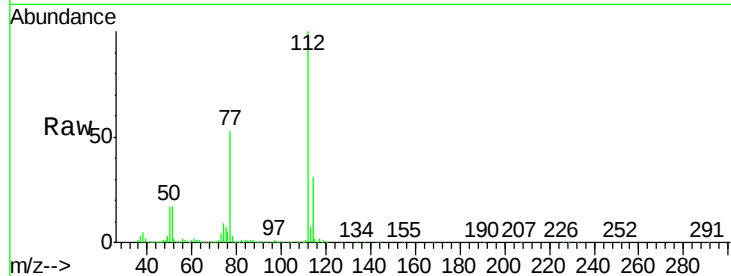
VSTDCCC050EC

Tot Ion:112 Resp: 743304

Ion Ratio Lower Upper

112 100

114 31.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

600000

500000

400000

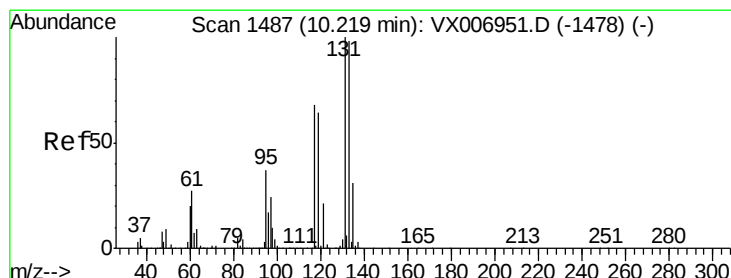
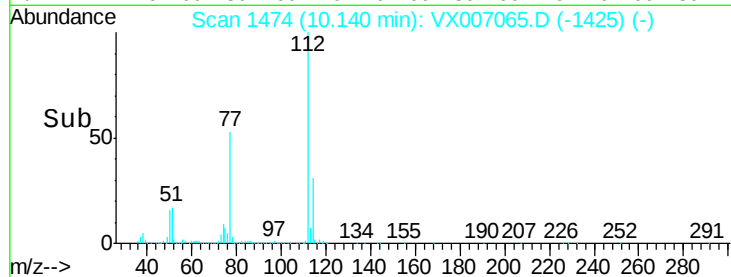
300000

200000

100000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 52.561 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

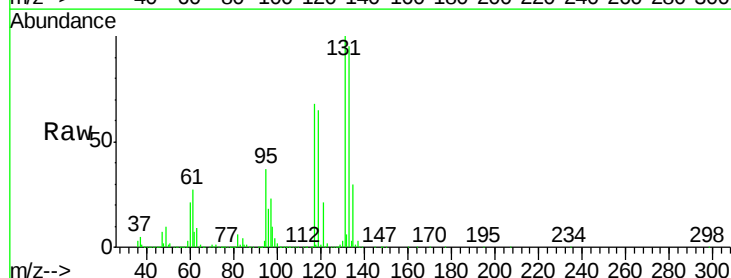
Tgt Ion:131 Resp: 272669

Ion Ratio Lower Upper

131 100

133 93.8 48.0 144.2

119 64.7 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

250000

200000

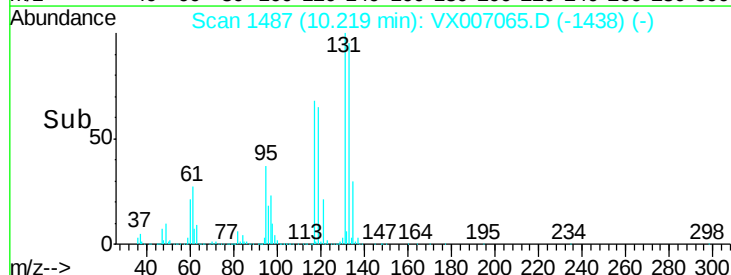
150000

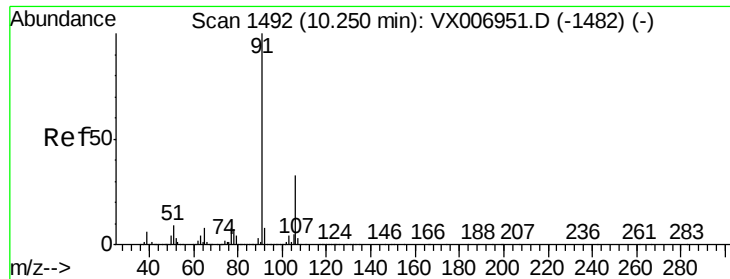
100000

50000

0

Time-->





#67

Ethyl Benzene

Concen: 48.037 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

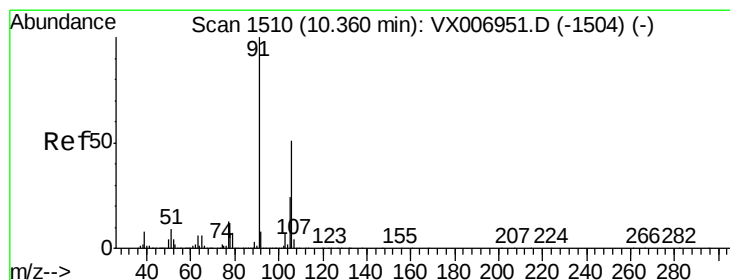
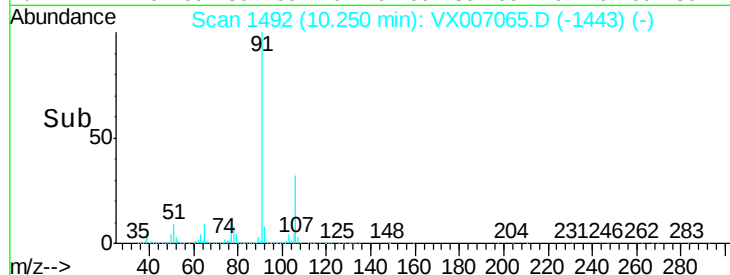
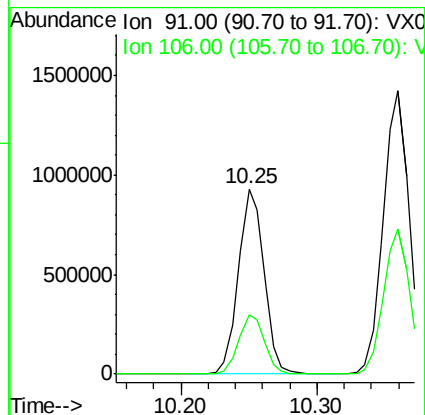
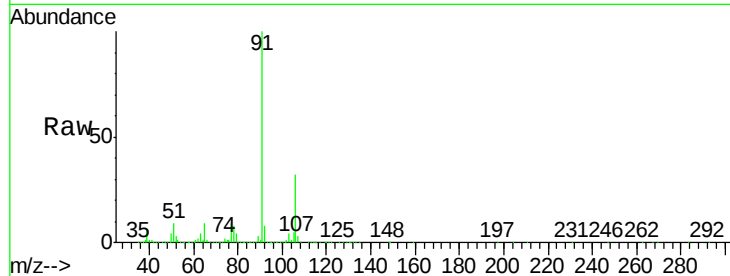
VSTDCCC050EC

Tot Ion: 91 Resp: 1222925

Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6



#68

m/p-Xylenes

Concen: 97.481 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007065.D

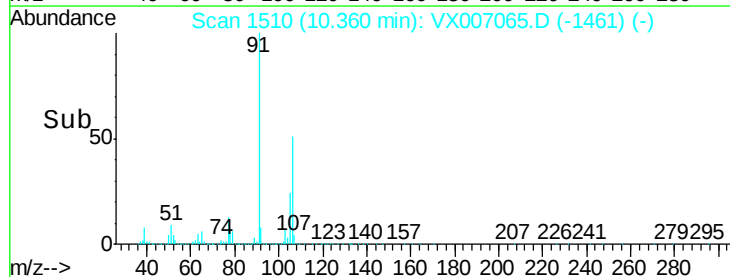
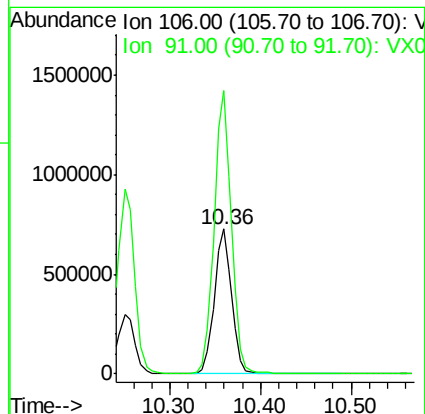
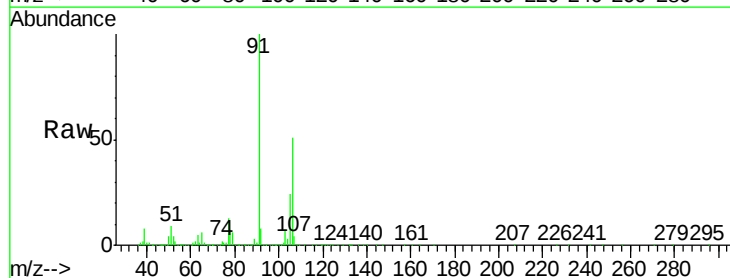
Acq: 15 Jan 2019 18:13

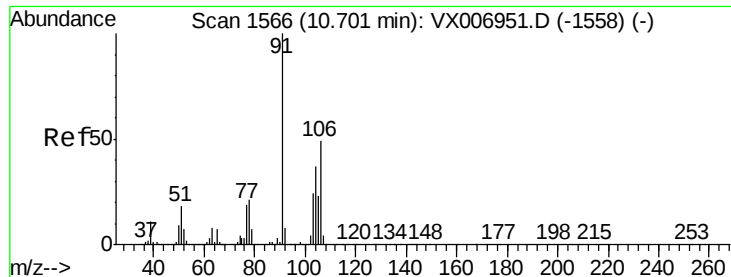
Tgt Ion: 106 Resp: 977745

Ion Ratio Lower Upper

106 100

91 193.8 155.8 233.6

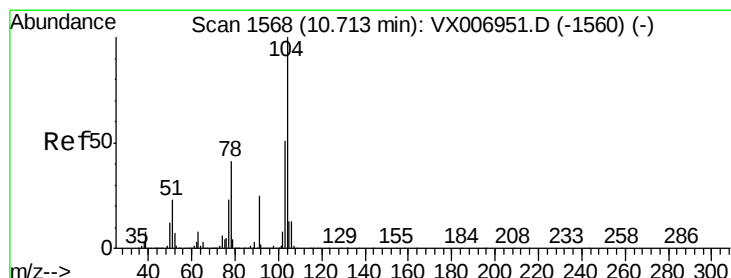
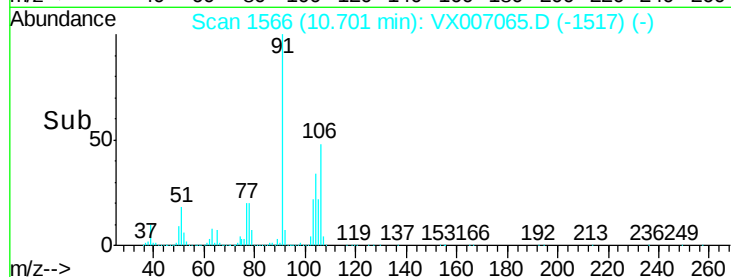
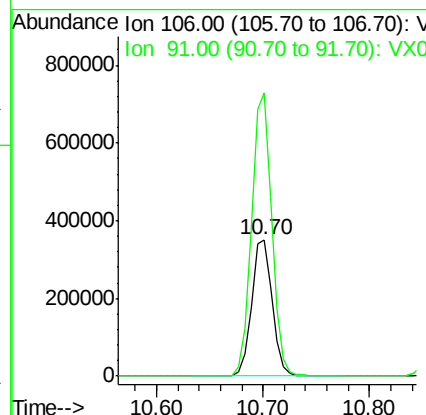
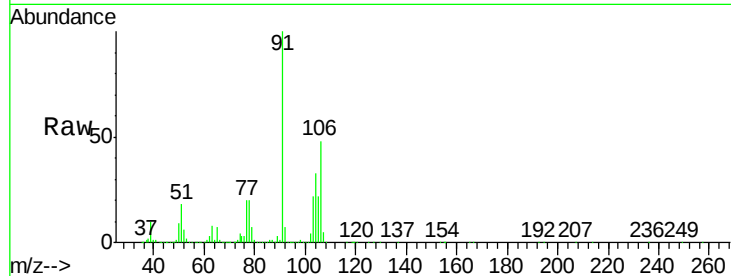




#69
o-Xylene
Concen: 48.571 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

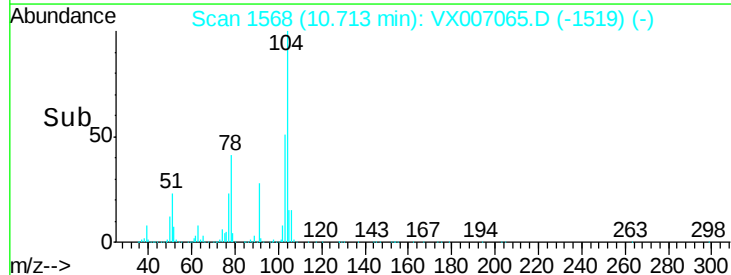
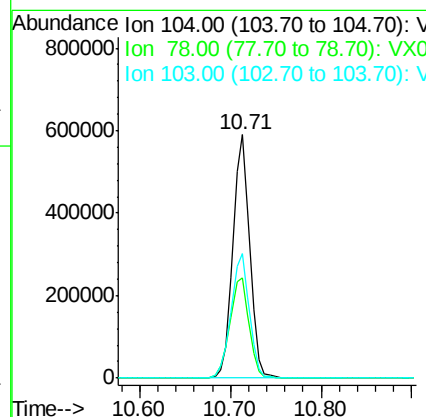
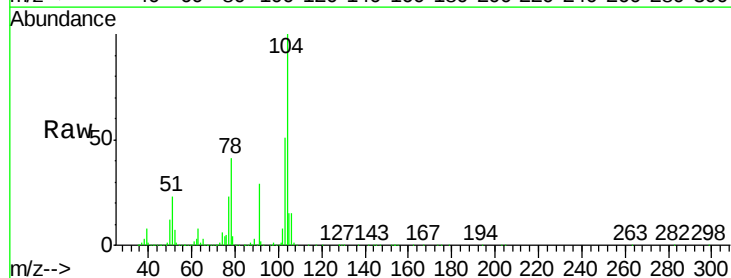
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

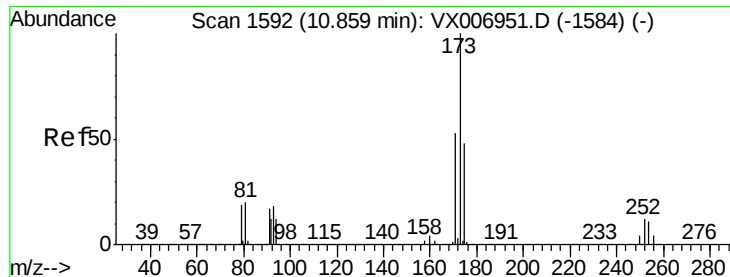
Tot Ion:106 Resp: 475120
Ion Ratio Lower Upper
106 100
91 204.5 101.3 303.7



#70
Styrene
Concen: 49.288 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion:104 Resp: 763596
Ion Ratio Lower Upper
104 100
78 47.4 37.7 56.5
103 56.1 43.8 65.8





#71

Bromoform

Concen: 45.177 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

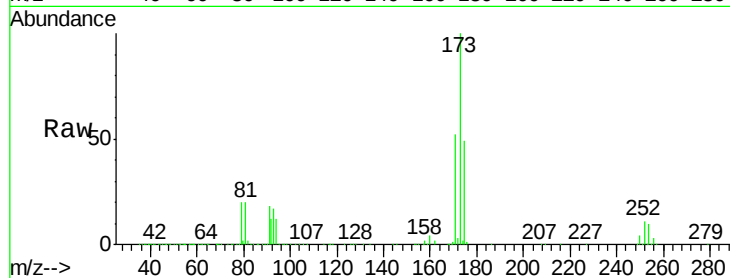
Tot Ion:173 Resp: 207337

Ion Ratio Lower Upper

173 100

175 48.3 24.7 74.1

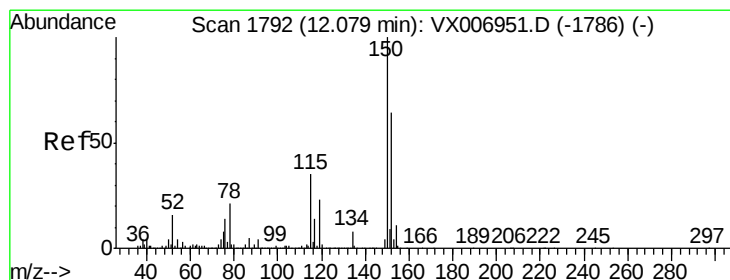
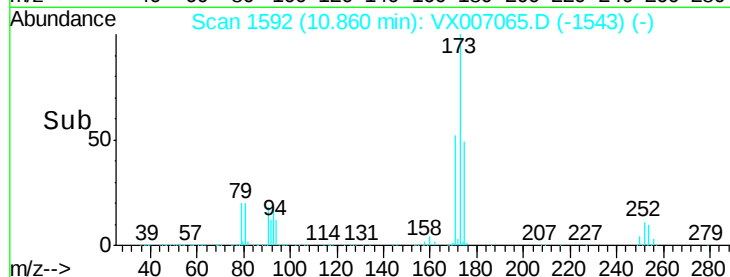
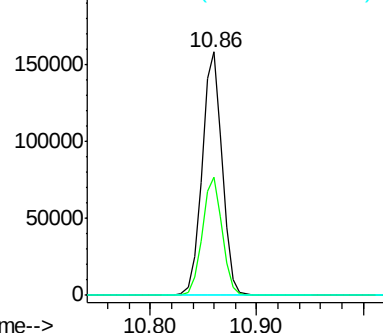
254 0.1 0.2 0.2#



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: VX007065.D

Acq: 15 Jan 2019 18:13

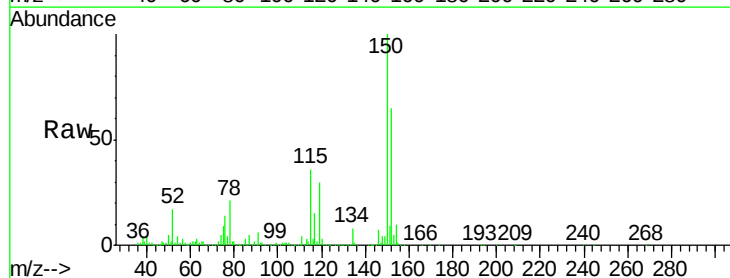
Tgt Ion:152 Resp: 362332

Ion Ratio Lower Upper

152 100

115 77.4 39.1 117.2

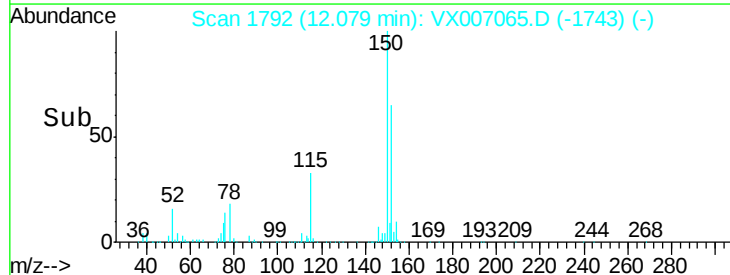
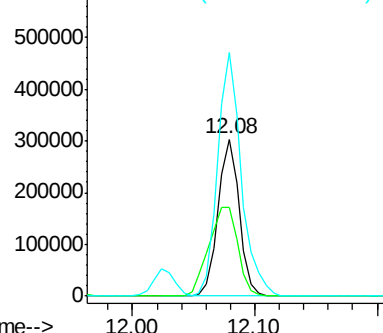
150 174.4 0.0 344.8

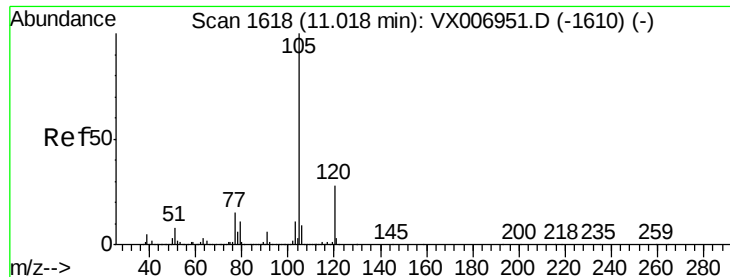


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.402 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

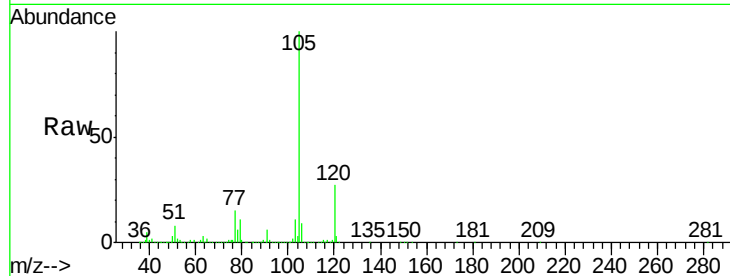
VSTDCCC050EC

Tot Ion:105 Resp: 1262204

Ion Ratio Lower Upper

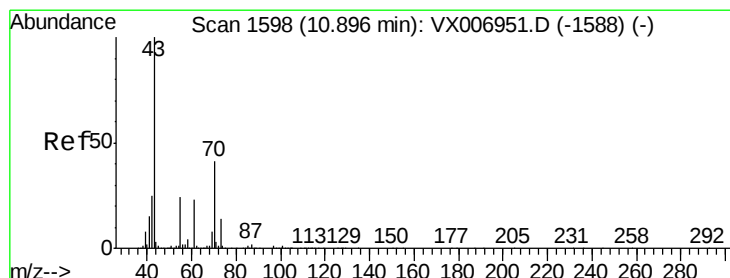
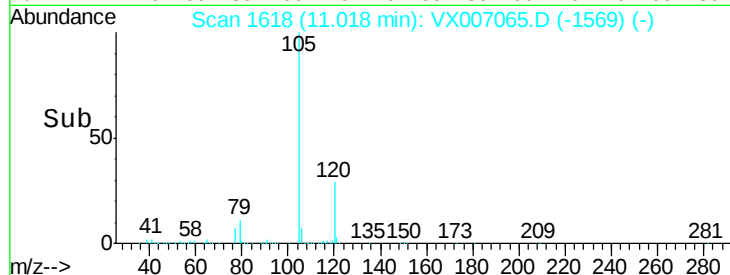
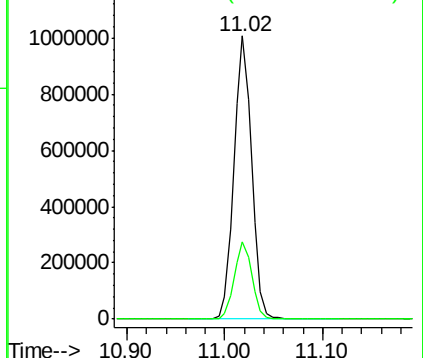
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.106 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion: 43 Resp: 505139

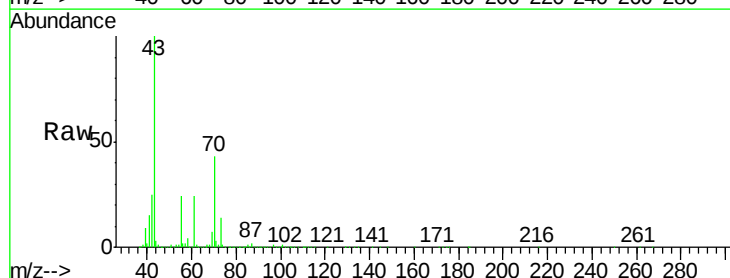
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 24.5 19.4 29.0

61 24.6 20.1 30.1

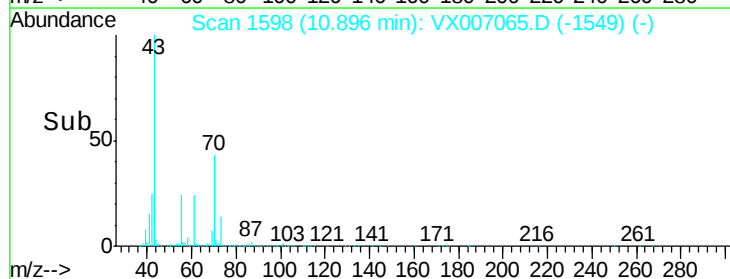
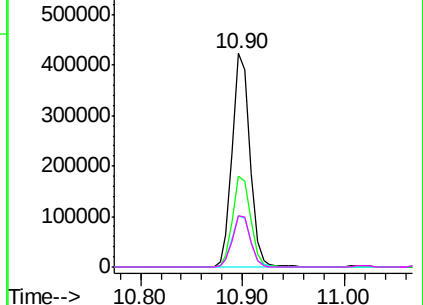


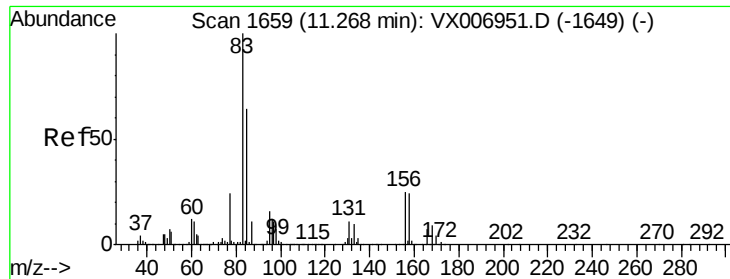
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.263 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

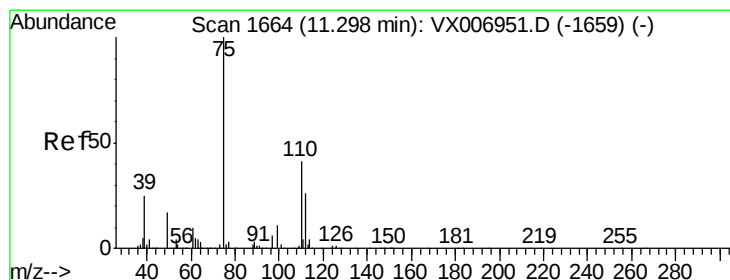
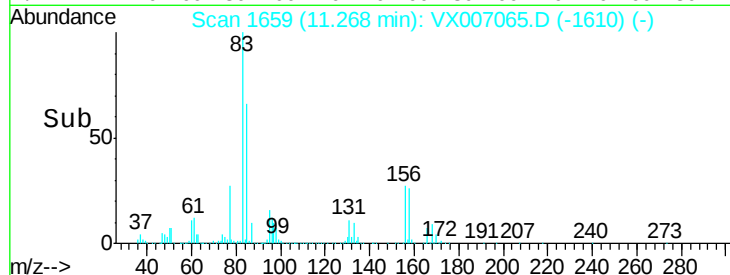
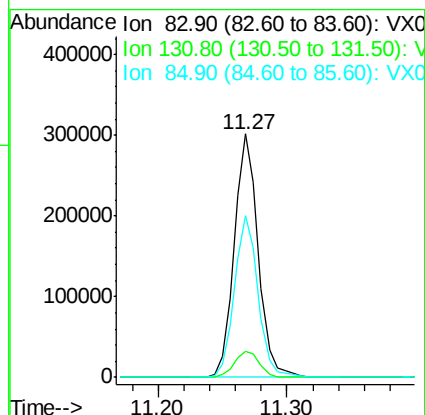
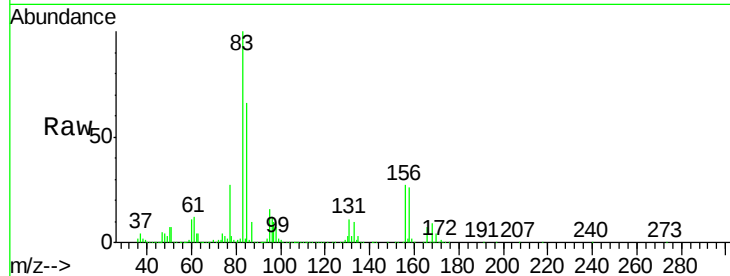
Tot Ion: 83 Resp: 391468

Ion Ratio Lower Upper

83 100

131 11.5 5.7 17.1

85 65.8 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 60.682 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007065.D

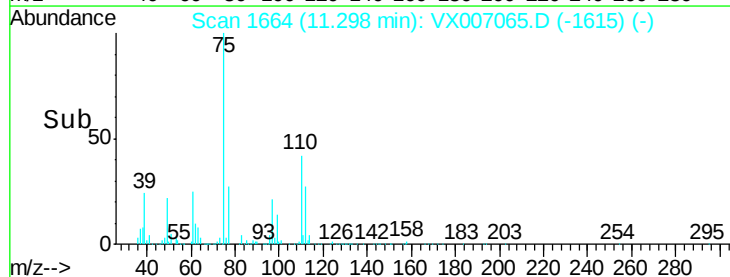
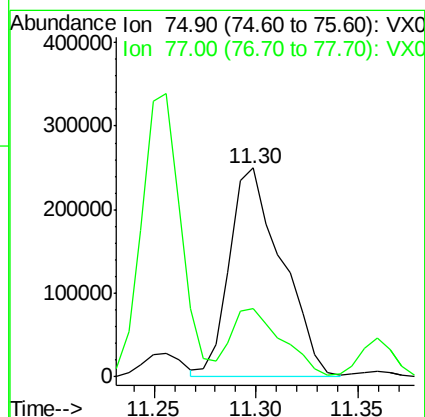
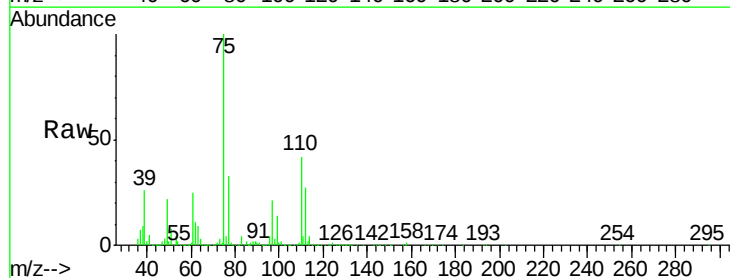
Acq: 15 Jan 2019 18:13

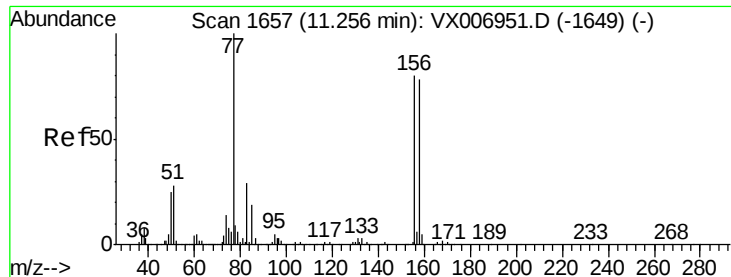
Tgt Ion: 75 Resp: 445559

Ion Ratio Lower Upper

75 100

77 31.8 18.5 55.5





#77

Bromobenzene

Concen: 47.802 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

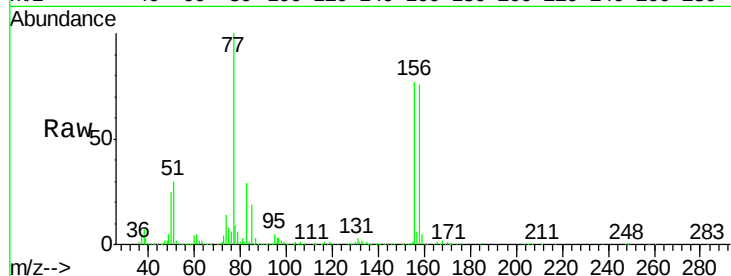
Tot Ion:156 Resp: 336516

Ion Ratio Lower Upper

156 100

77 134.4 68.0 204.0

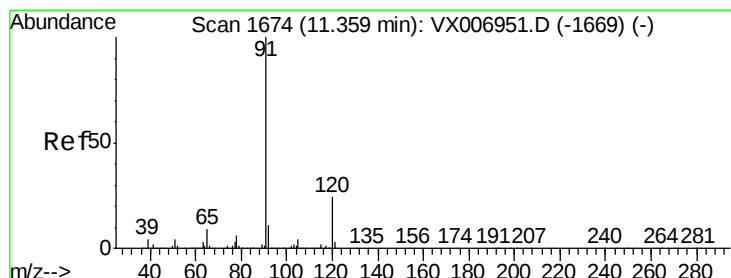
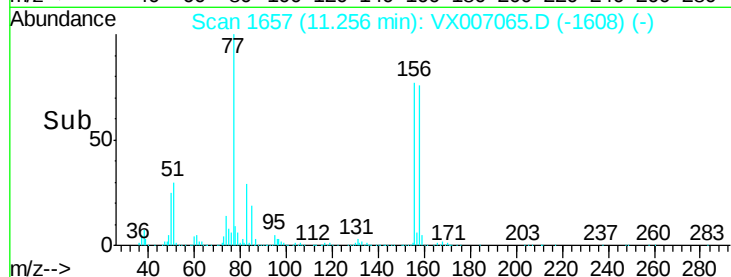
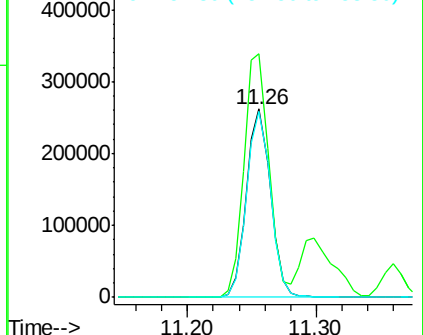
158 98.5 48.3 144.8



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: 49.376 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007065.D

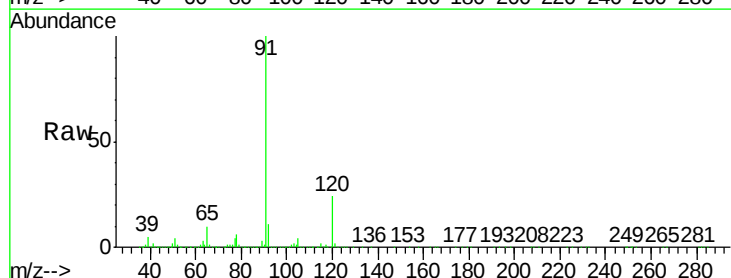
Acq: 15 Jan 2019 18:13

Tgt Ion: 91 Resp: 1384905

Ion Ratio Lower Upper

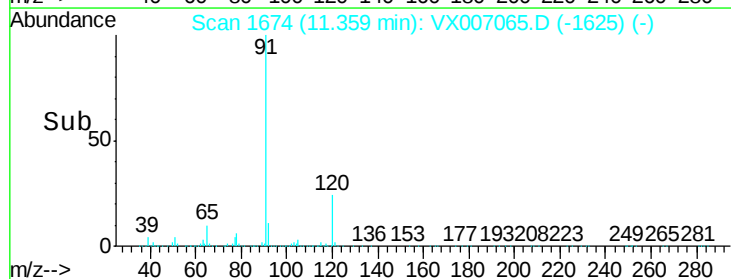
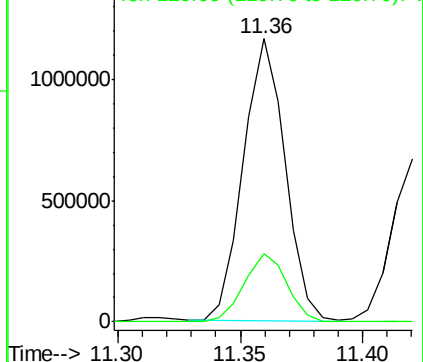
91 100

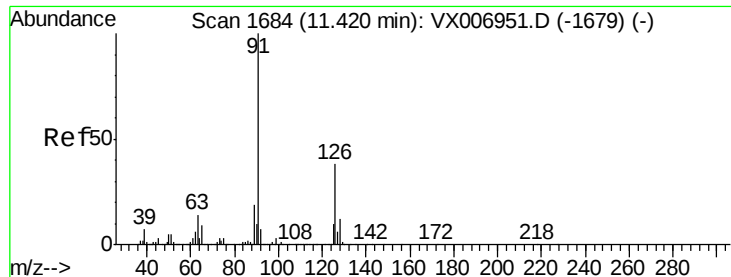
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.459 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

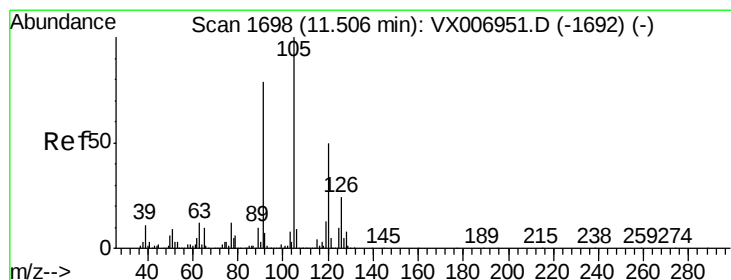
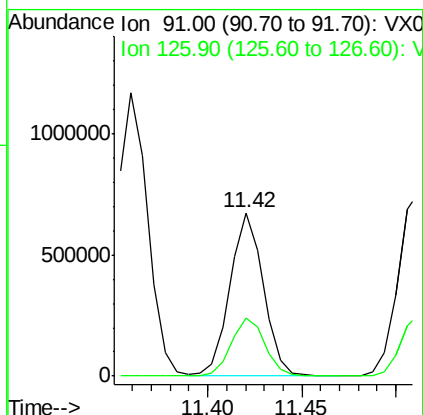
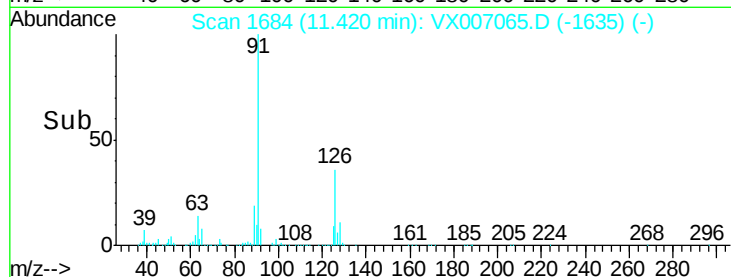
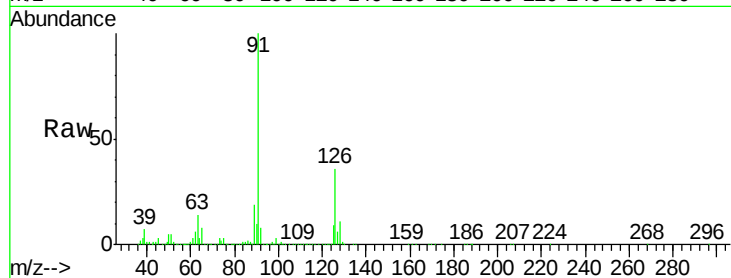
VSTDCCC050EC

Tot Ion: 91 Resp: 818174

Ion Ratio Lower Upper

91 100

126 36.7 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 48.943 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007065.D

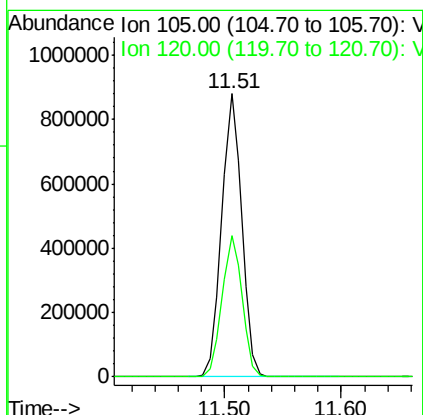
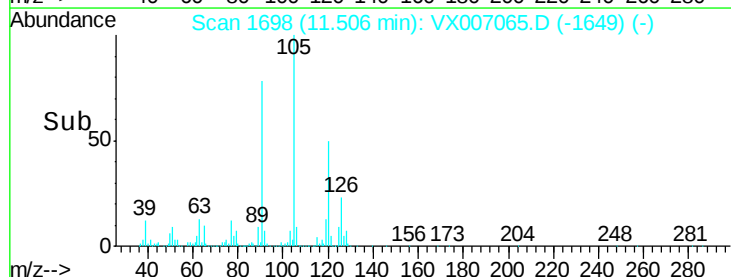
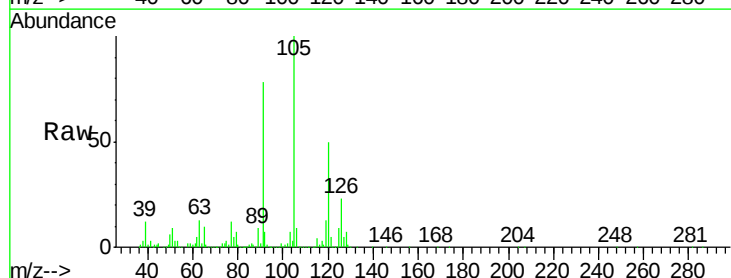
Acq: 15 Jan 2019 18:13

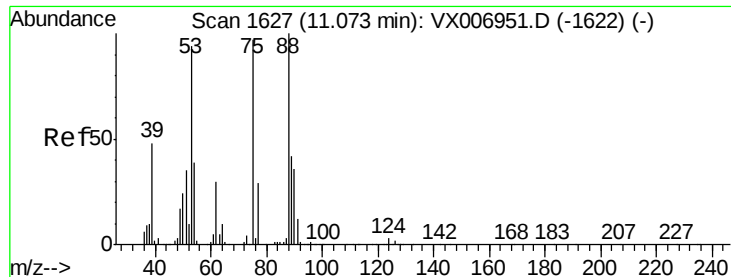
Tgt Ion:105 Resp: 1044864

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 45.160 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

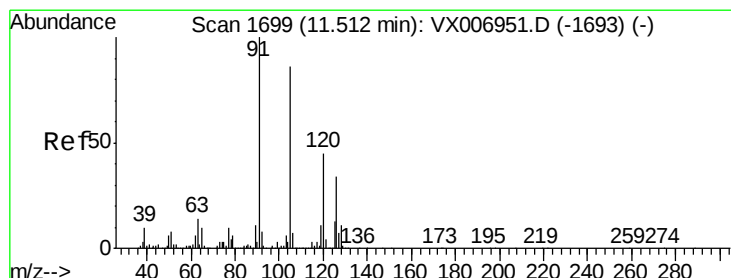
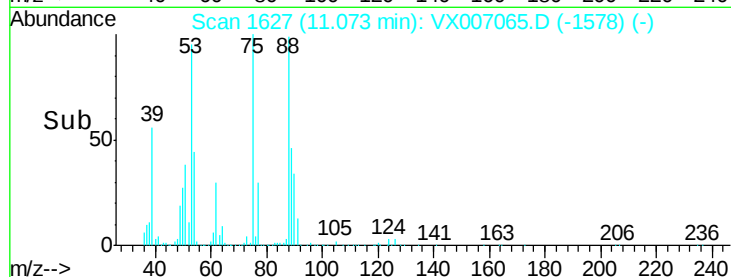
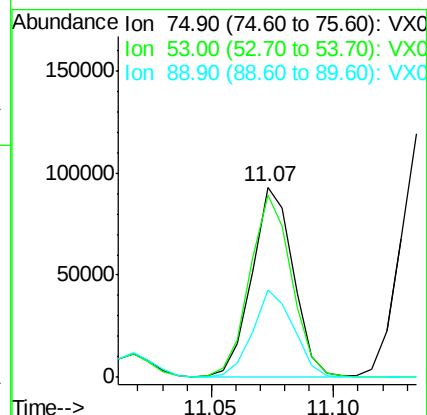
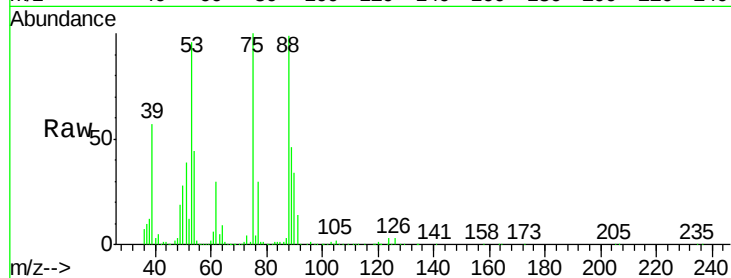
Tot Ion: 75 Resp: 108911

Ion Ratio Lower Upper

75 100

53 97.9 79.7 119.5

89 46.5 38.0 57.0



#82

4-Chlorotoluene

Concen: 48.697 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007065.D

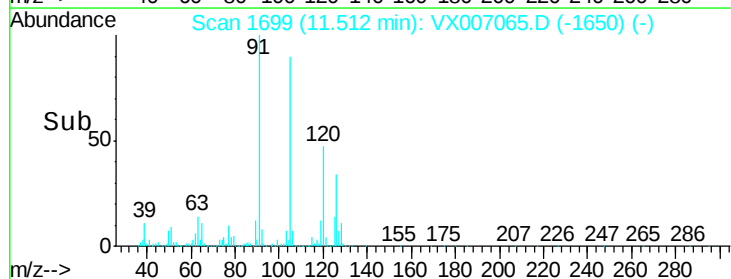
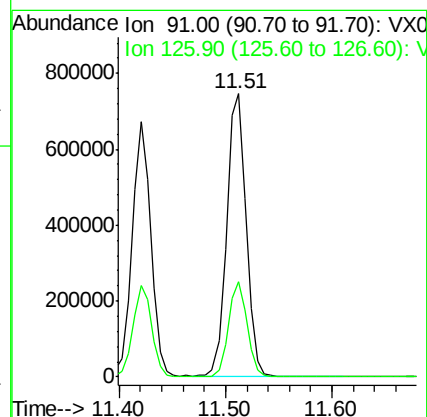
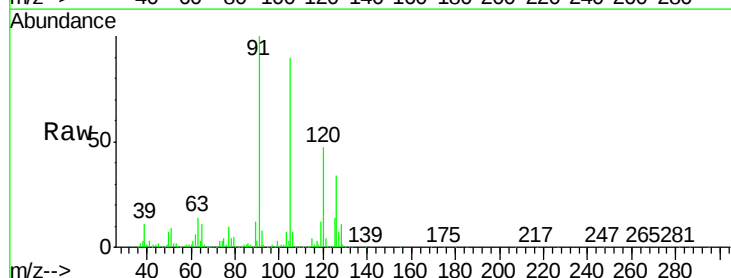
Acq: 15 Jan 2019 18:13

Tgt Ion: 91 Resp: 951961

Ion Ratio Lower Upper

91 100

126 32.5 16.3 48.9





#83

tert-Butylbenzene

Concen: 49.238 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

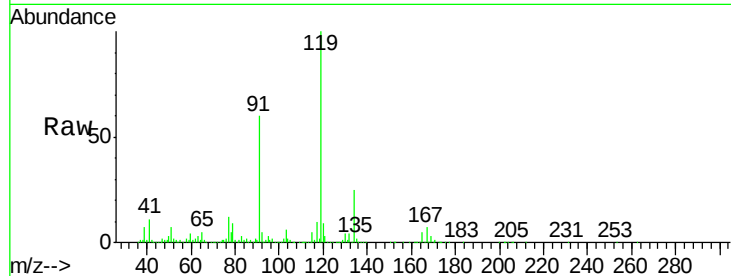
Tot Ion:119 Resp: 1048767

Ion Ratio Lower Upper

119 100

91 55.0 27.7 83.1

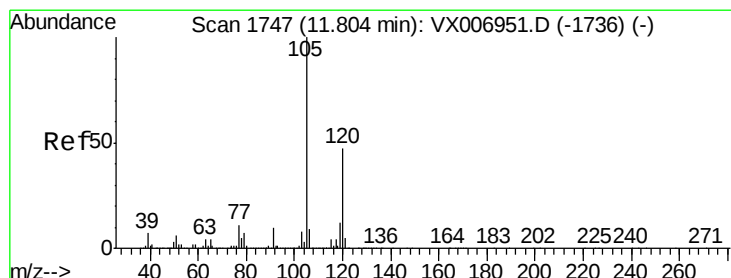
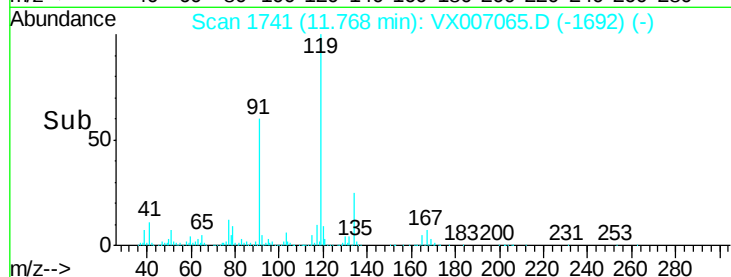
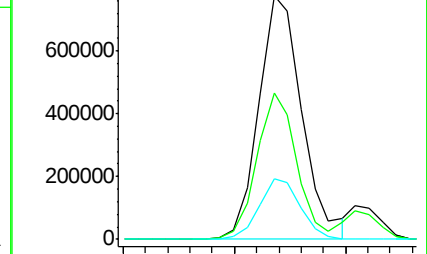
134 23.6 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.250 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007065.D

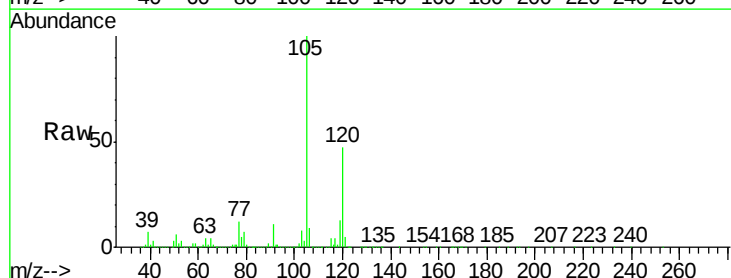
Acq: 15 Jan 2019 18:13

Tgt Ion:105 Resp: 1057299

Ion Ratio Lower Upper

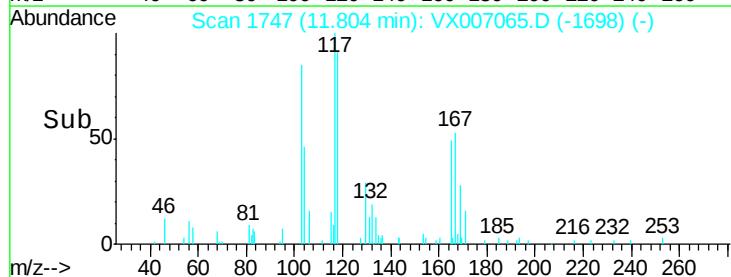
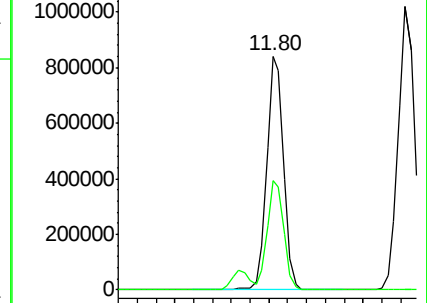
105 100

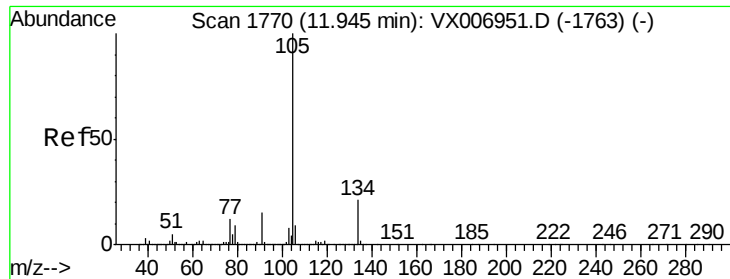
120 46.3 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.974 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

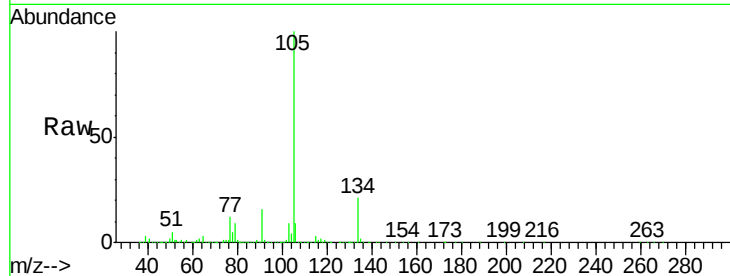
VSTDCCC050EC

Tot Ion:105 Resp: 1245812

Ion Ratio Lower Upper

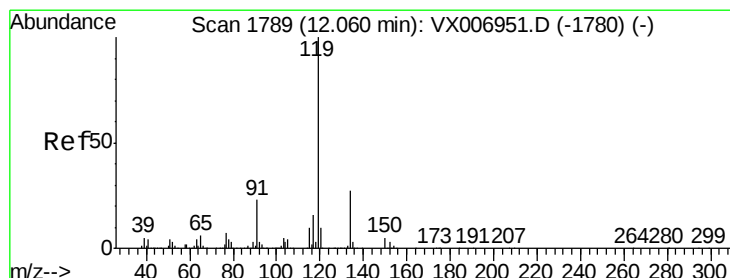
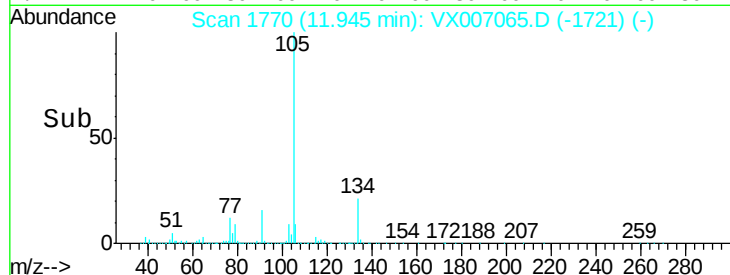
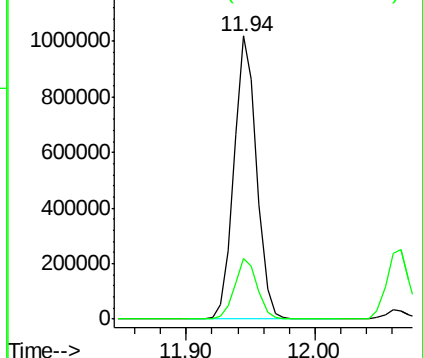
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.508 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

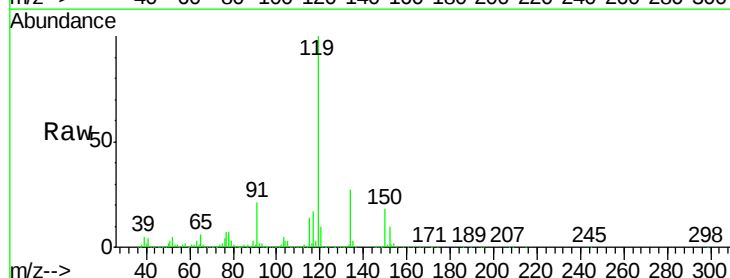
Tgt Ion:119 Resp: 1126489

Ion Ratio Lower Upper

119 100

134 27.0 14.0 41.9

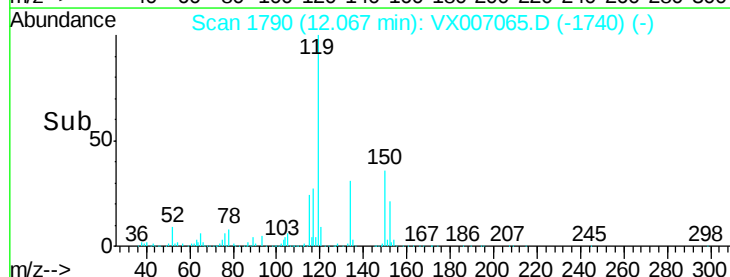
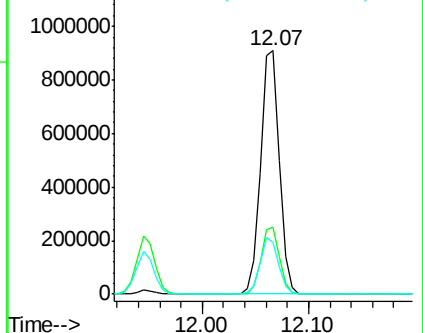
91 22.4 11.3 33.9



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): V

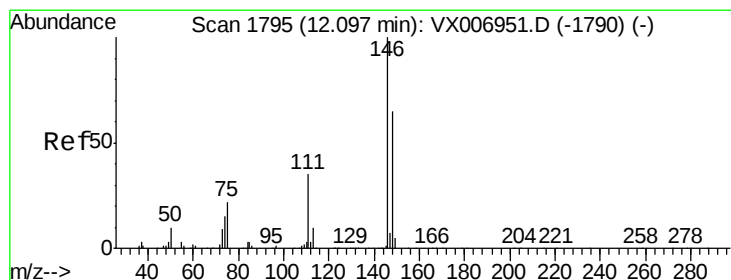
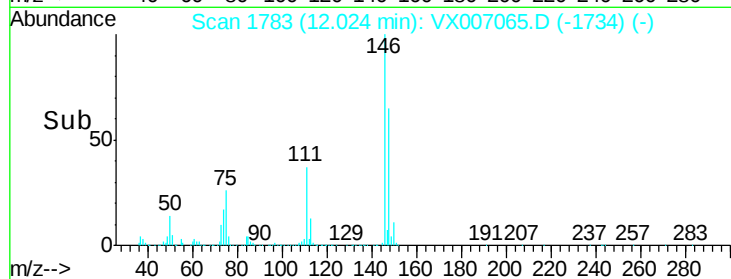
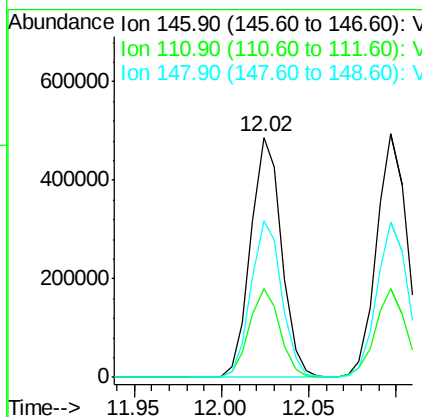
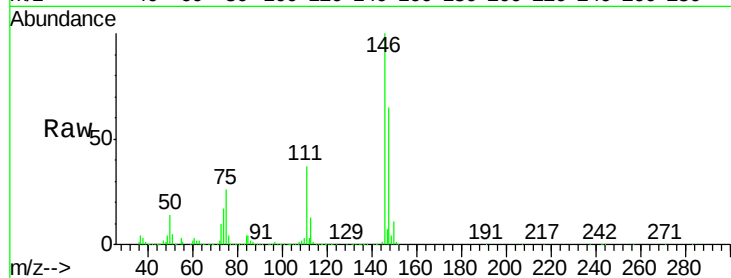




#87
 1,3-Dichlorobenzene
 Concen: 47.112 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

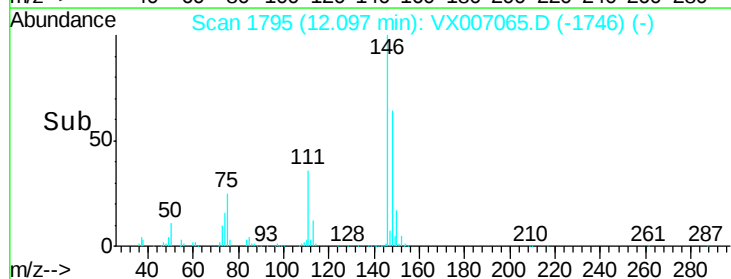
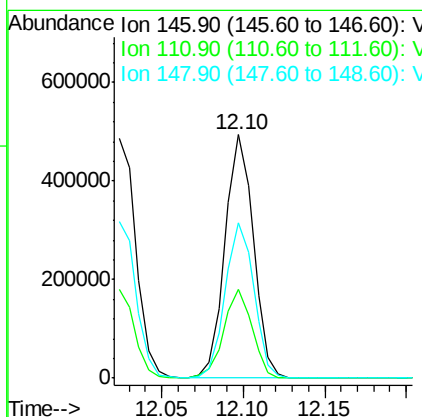
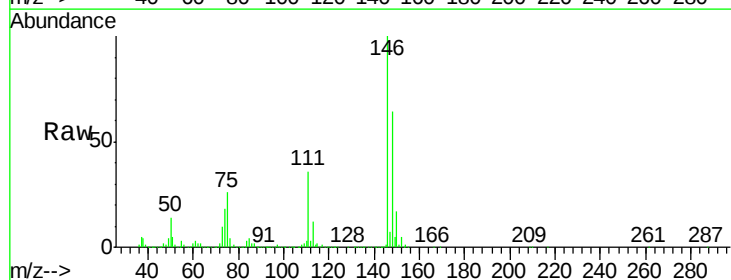
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	65.0	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 49.766 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.8	31.9	95.9

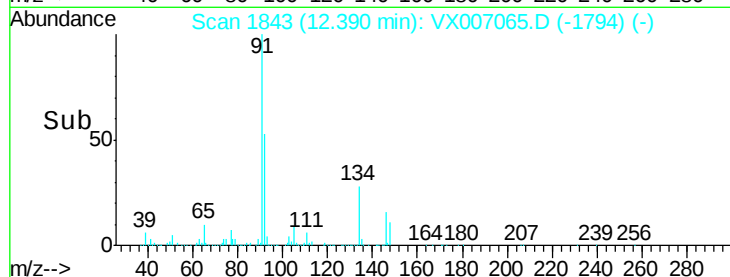
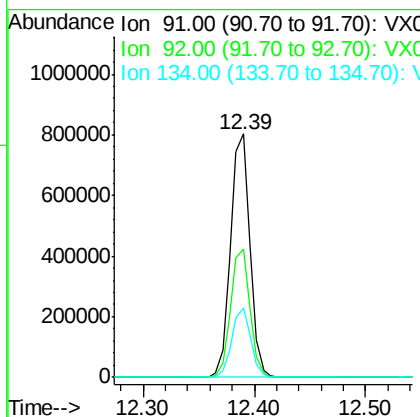
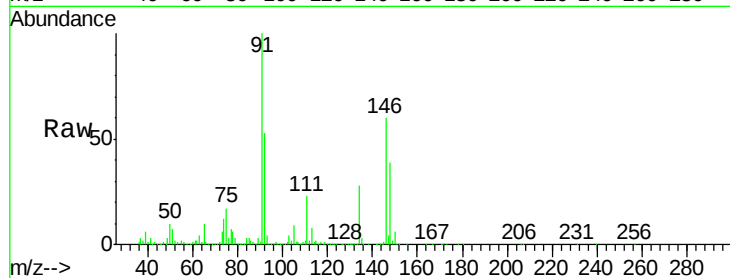




#89
n-Butylbenzene
Concen: 49.485 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

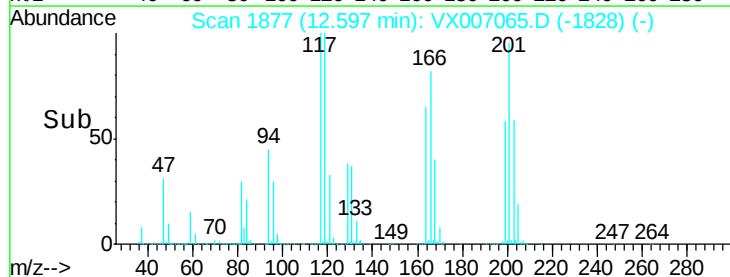
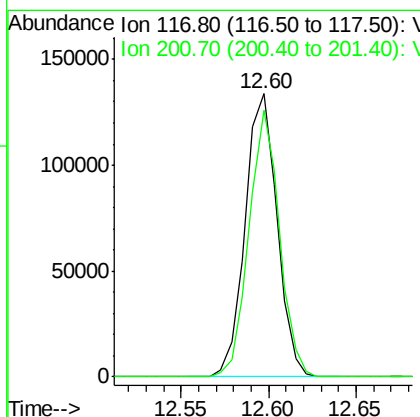
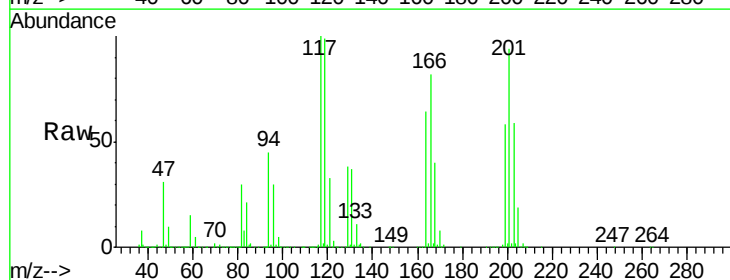
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 959847
Ion Ratio Lower Upper
91 100
92 52.9 26.8 80.4
134 27.8 14.4 43.2



#90
Hexachloroethane
Concen: 46.883 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007065.D
Acq: 15 Jan 2019 18:13

Tgt Ion: 117 Resp: 169603
Ion Ratio Lower Upper
117 100
201 89.8 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 47.221 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

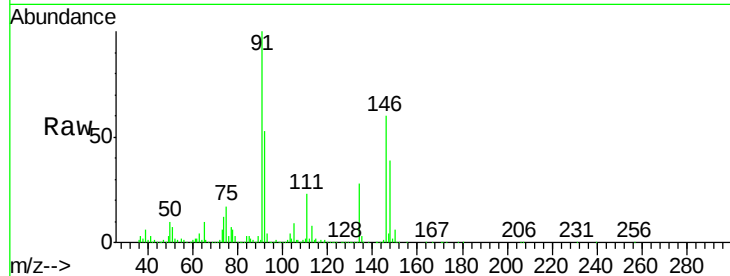
Tot Ion:146 Resp: 592964

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

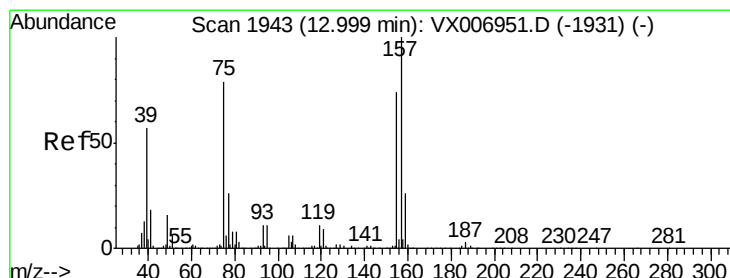
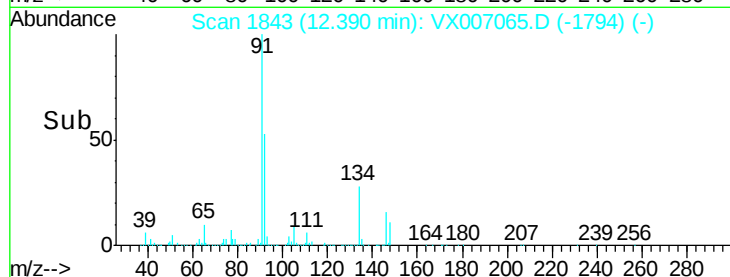
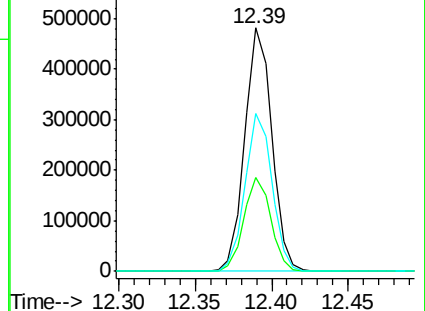
148 64.8 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.836 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

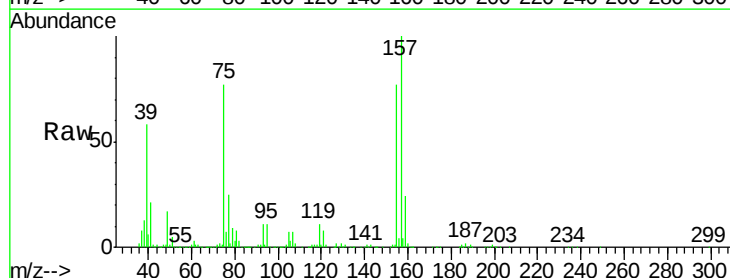
Tgt Ion: 75 Resp: 79946

Ion Ratio Lower Upper

75 100

155 103.9 50.6 151.8

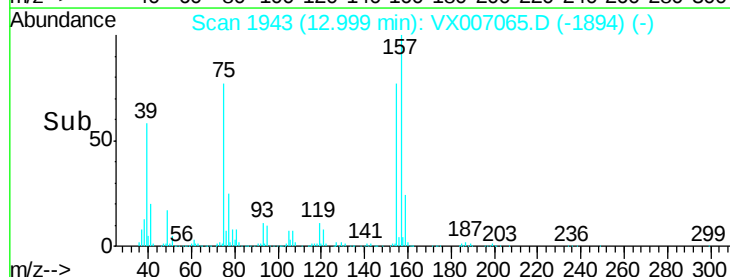
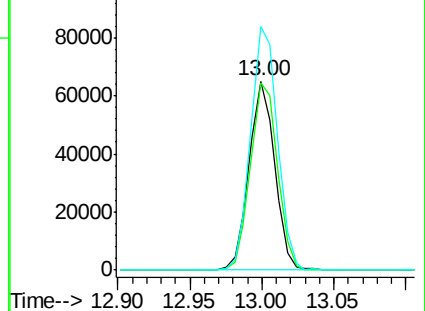
157 134.8 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

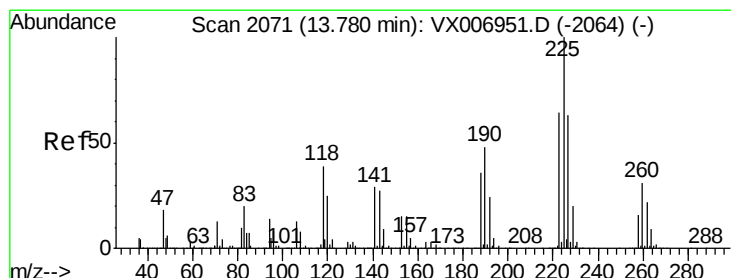
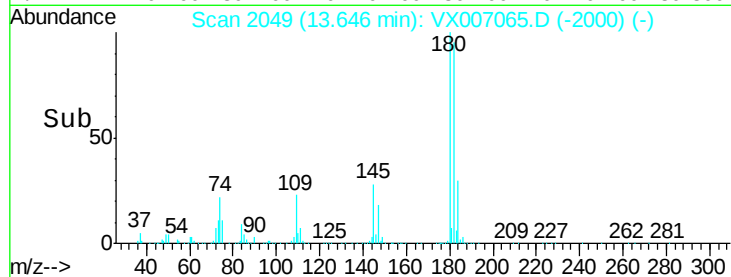
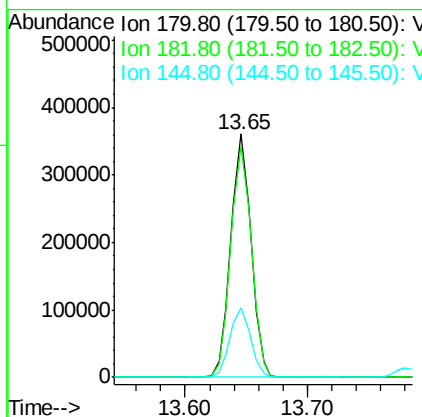
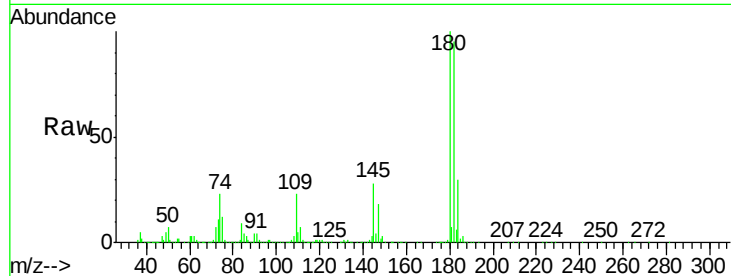




#93
 1,2,4-Trichlorobenzene
 Concen: 47.873 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

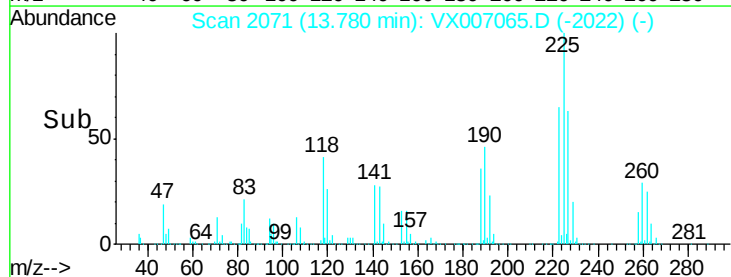
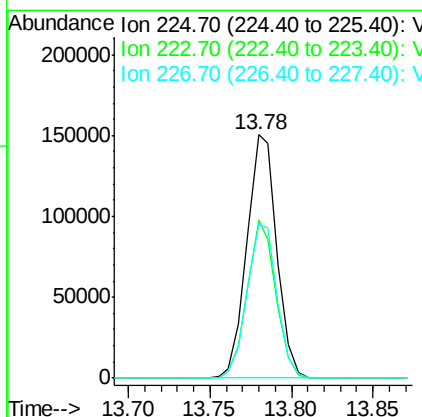
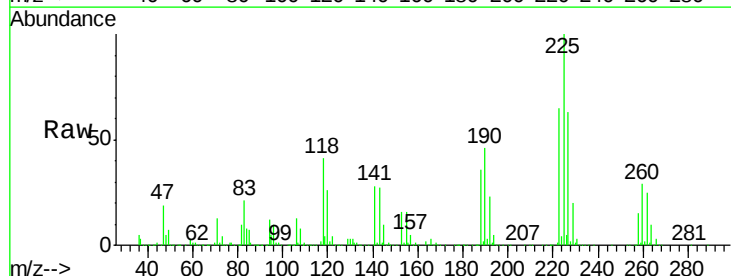
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

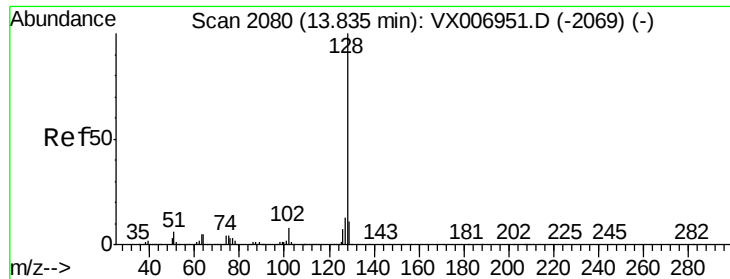
Tot Ion:180 Resp: 412432
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 142.0
 145 29.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 50.156 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007065.D
 Acq: 15 Jan 2019 18:13

Tgt Ion:225 Resp: 191749
 Ion Ratio Lower Upper
 225 100
 223 62.2 32.1 96.3
 227 63.6 32.3 96.8





#95

Naphthalene

Concen: 49.716 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Instrument :

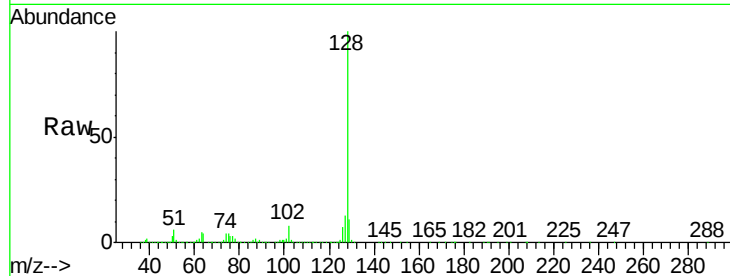
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1297851

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	10.9	8.6	13.0

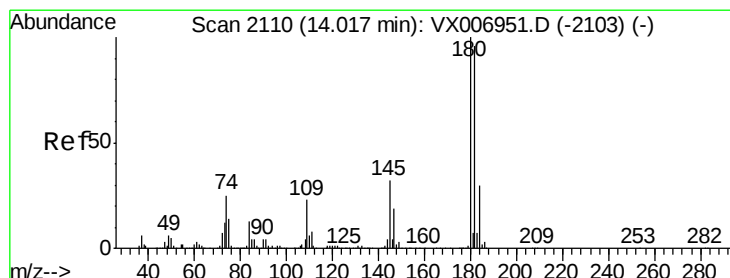
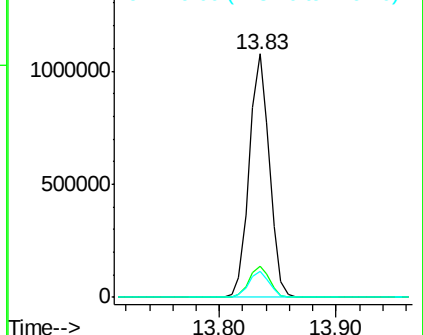
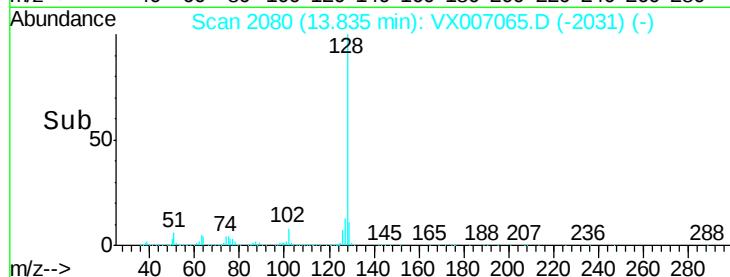


Abundance

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: 48.299 ug/l

RT: 14.02 min Scan# 2110

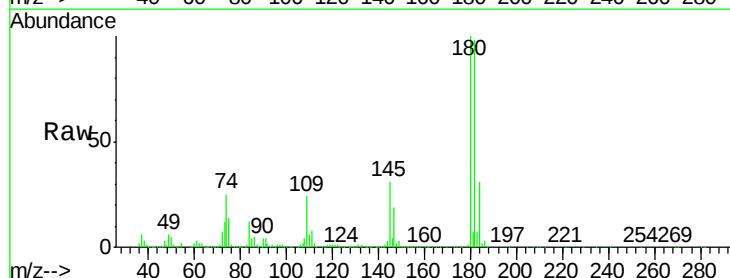
Delta R.T. 0.00 min

Lab File: VX007065.D

Acq: 15 Jan 2019 18:13

Tgt Ion:180 Resp: 413349

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.5	145.5
145	30.4	16.0	47.9



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

