

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010319\
 Data File : VX006907.D
 Acq On : 03 Jan 2019 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 04 00:24:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	802217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	720914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282124	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.50	113	258303	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.71	98	949923	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	333303	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	189638	38.572	ug/l	99
3) Chloromethane	1.32	50	210736	39.786	ug/l	95
4) Vinyl Chloride	1.41	62	237110	42.862	ug/l	99
5) Bromomethane	1.64	94	235841	45.512	ug/l	97
6) Chloroethane	1.71	64	160682	41.949	ug/l	96
7) Trichlorofluoromethane	1.92	101	401898	46.598	ug/l	99
8) Diethyl Ether	2.19	74	162242	47.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	234555	46.318	ug/l	98
10) Methyl Iodide	2.51	142	358689	49.482	ug/l	100
11) Tert butyl alcohol	3.08	59	308033	238.300	ug/l	99
12) 1,1-Dichloroethene	2.37	96	222620	46.363	ug/l	97
13) Acrolein	2.30	56	191149	219.203	ug/l	99
14) Allyl chloride	2.73	41	389081	48.140	ug/l	100
15) Acrylonitrile	3.15	53	739645	257.712	ug/l	100
16) Acetone	2.45	43	607852	228.425	ug/l	99
17) Carbon Disulfide	2.57	76	468488	36.868	ug/l	99
18) Methyl Acetate	2.78	43	456167	58.298	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	832230	52.221	ug/l	98
20) Methylene Chloride	2.85	84	262315	47.671	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	234211	44.022	ug/l	99
22) Diisopropyl ether	3.87	45	763831	51.659	ug/l	94
23) Vinyl Acetate	3.82	43	3069063	253.754	ug/l	100
24) 1,1-Dichloroethane	3.70	63	413319	46.826	ug/l	100
25) 2-Butanone	4.70	43	902548	241.123	ug/l	98
26) 2,2-Dichloropropane	4.58	77	286967	42.088	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	279472	47.611	ug/l	100
28) Bromochloromethane	5.02	49	190650	51.286	ug/l	97
29) Tetrahydrofuran	5.15	42	612509	248.449	ug/l	97
30) Chloroform	5.21	83	445368	48.725	ug/l	96
31) Cyclohexane	5.57	56	332751	41.496	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	376356	48.763	ug/l	98
36) 1,1-Dichloropropene	5.80	75	307107	46.222	ug/l	99
37) Ethyl Acetate	4.85	43	353733	51.151	ug/l	99
38) Carbon Tetrachloride	5.78	117	319780	49.524	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	362036	41.388	ug/l	96
40) Benzene	6.14	78	966235	47.842	ug/l	99
41) Methacrylonitrile	5.06	41	199107	54.230	ug/l	99
42) 1,2-Dichloroethane	6.20	62	337808	49.086	ug/l	98
43) Isopropyl Acetate	6.46	43	580021	55.124	ug/l	98
44) Trichloroethene	7.21	130	284835	46.597	ug/l	97
45) 1,2-Dichloropropane	7.52	63	253543	51.588	ug/l	99
46) Dibromomethane	7.66	93	177752	49.170	ug/l	96
47) Bromodichloromethane	7.90	83	315497	52.567	ug/l	98
48) Methyl methacrylate	7.77	41	293487	54.849	ug/l	98
49) 1,4-Dioxane	7.75	88	125203	892.158	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1804790	269.577	ug/l	99
52) Toluene	8.79	92	630632	48.333	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	348701	54.173	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	378961	53.656	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	275641	51.612	ug/l	98
56) Ethyl methacrylate	9.18	69	401997	53.257	ug/l	96
57) 1,3-Dichloropropane	9.37	76	435199	50.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045295	260.516	ug/l	100
59) 2-Hexanone	9.49	43	1331468	259.931	ug/l	99
60) Dibromochloromethane	9.59	129	280963	50.287	ug/l	98
61) 1,2-Dibromoethane	9.67	107	294100	51.803	ug/l	99
64) Tetrachloroethene	9.34	164	275024	48.178	ug/l	96
65) Chlorobenzene	10.14	112	740949	48.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	267750	56.268	ug/l	99
67) Ethyl Benzene	10.25	91	1202109	48.235	ug/l	99
68) m/p-Xylenes	10.36	106	952266	96.832	ug/l	99
69) o-Xylene	10.70	106	473263	48.735	ug/l	98
70) Styrene	10.71	104	767331	49.945	ug/l	100
71) Bromoform	10.86	173	207320	48.453	ug/l #	99
73) Isopropylbenzene	11.02	105	1234463	48.635	ug/l	100
74) N-amyl acetate	10.90	43	513071	56.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	402005	53.255	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	445502	64.612	ug/l	91
77) Bromobenzene	11.26	156	340400	49.606	ug/l	99
78) n-propylbenzene	11.36	91	1364603	48.822	ug/l	99
79) 2-Chlorotoluene	11.42	91	804735	47.510	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1018135	48.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	104405	46.413	ug/l	100
82) 4-Chlorotoluene	11.51	91	936479	48.199	ug/l	100
83) tert-Butylbenzene	11.77	119	1039289	49.670	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1045418	47.541	ug/l	100
85) sec-Butylbenzene	11.94	105	1211690	47.232	ug/l	100
86) p-Isopropyltoluene	12.07	119	1094742	48.546	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	596171	48.205	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	598602	47.215	ug/l	99
89) n-Butylbenzene	12.39	91	920160	47.945	ug/l	98
90) Hexachloroethane	12.60	117	164729	46.894	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	597535	48.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83037	53.163	ug/l	98

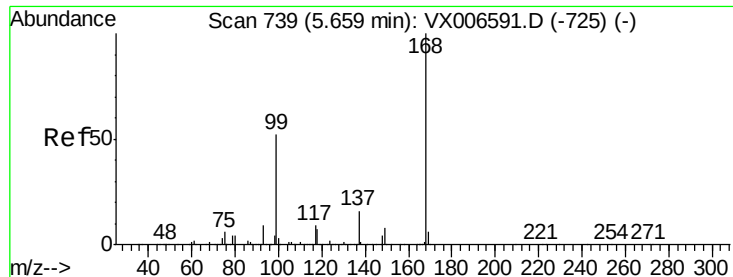
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QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	413759	48.485	ug/l	100
94) Hexachlorobutadiene	13.78	225	178052	44.265	ug/l	99
95) Naphthalene	13.83	128	1297623	47.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	412546	46.821	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

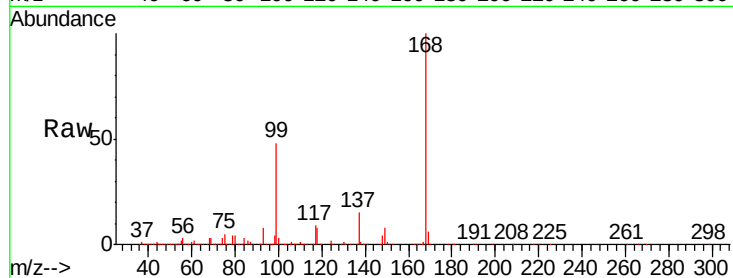
VSTDCCC050EC

Tgt Ion:168 Resp: 537418

Ion Ratio Lower Upper

168 100

99 47.4 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

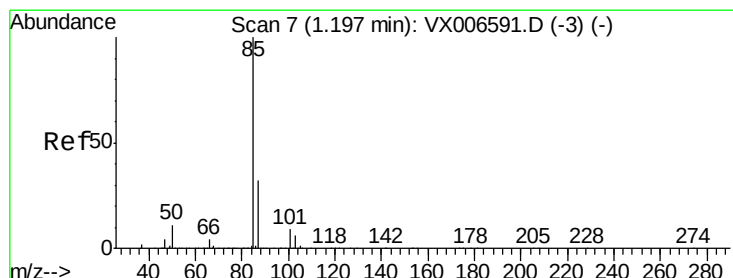
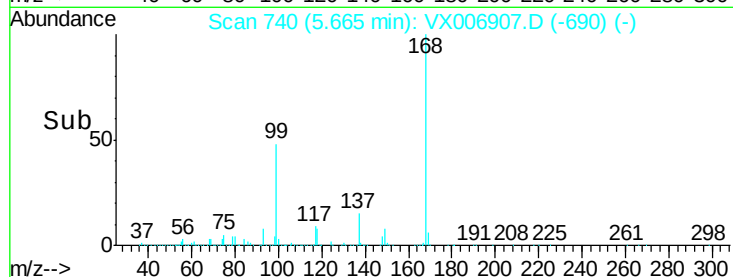
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 38.572 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006907.D

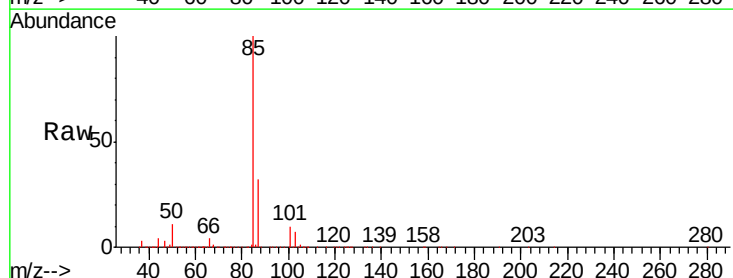
Acq: 03 Jan 2019 20:45

Tgt Ion: 85 Resp: 189638

Ion Ratio Lower Upper

85 100

87 32.1 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

200000

150000

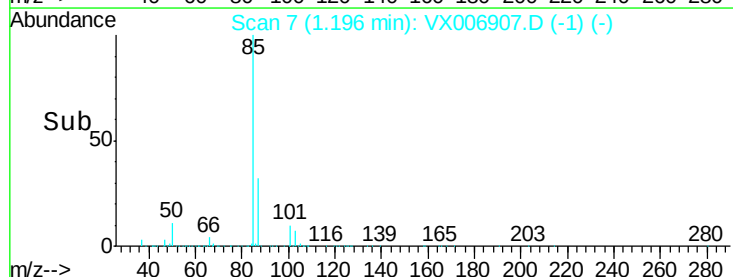
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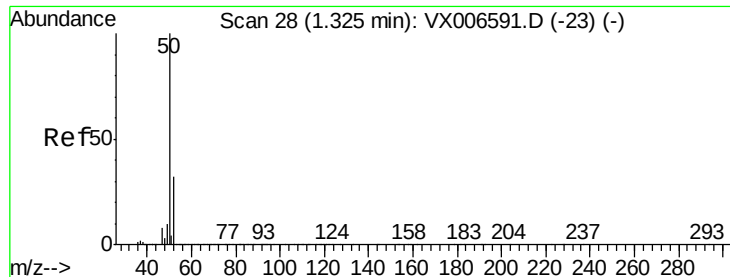
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 39.786 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

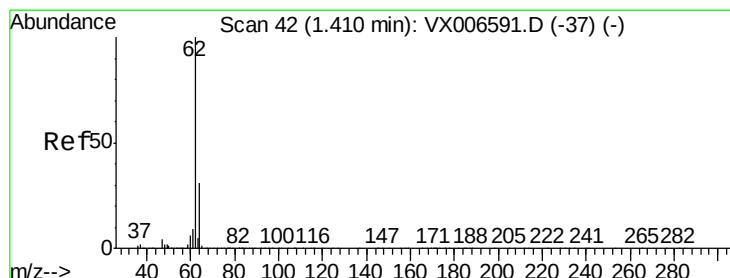
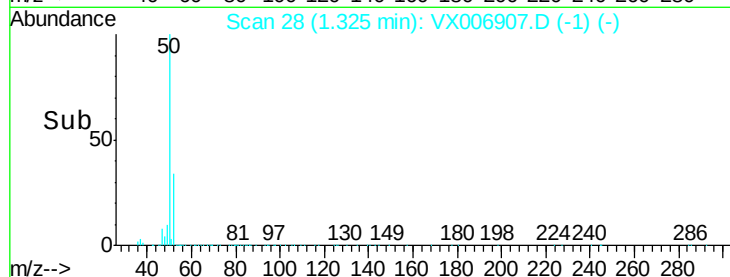
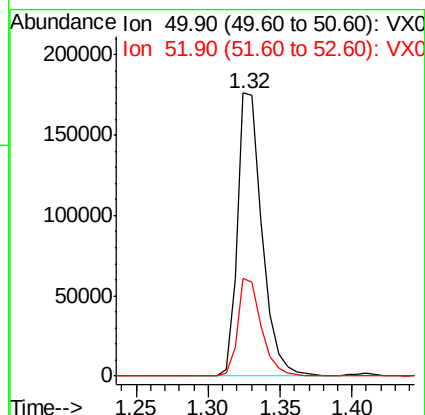
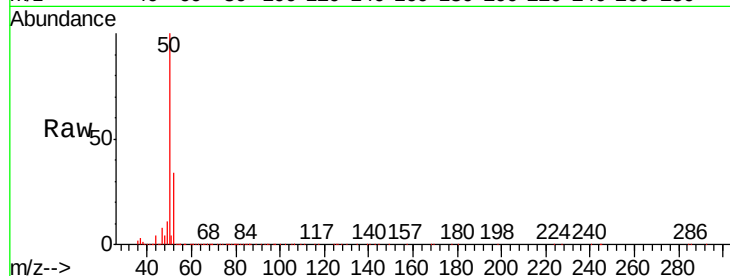
VSTDCCC050EC

Tgt Ion: 50 Resp: 210736

Ion Ratio Lower Upper

50 100

52 34.4 25.4 38.2



#4

Vinyl Chloride

Concen: 42.862 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006907.D

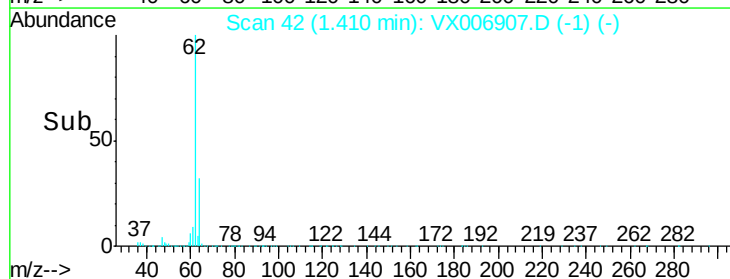
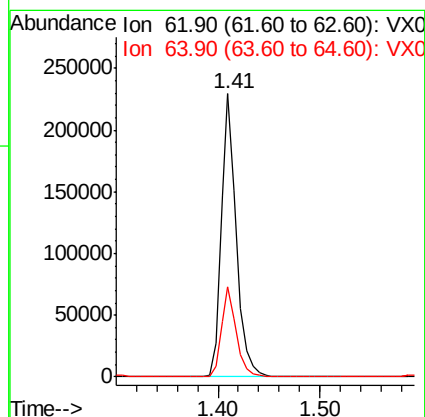
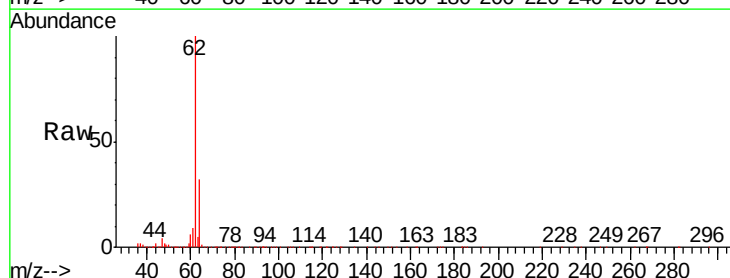
Acq: 03 Jan 2019 20:45

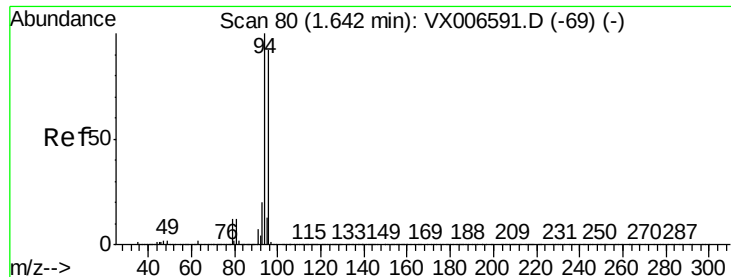
Tgt Ion: 62 Resp: 237110

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 45.512 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

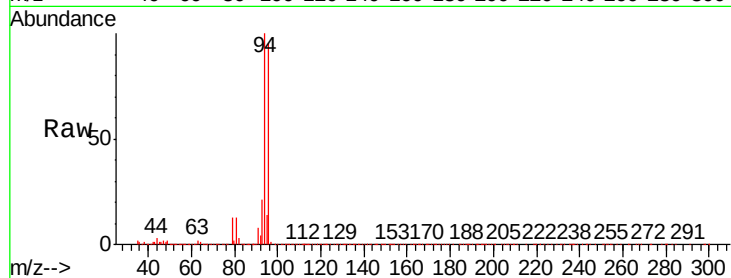
VSTDCCC050EC

Tgt Ion: 94 Resp: 235841

Ion Ratio Lower Upper

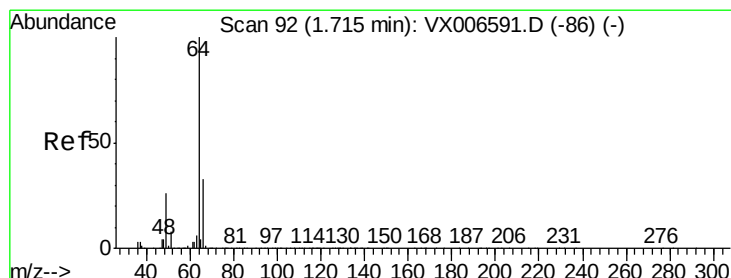
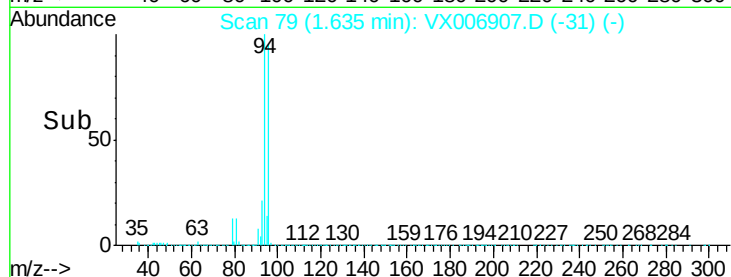
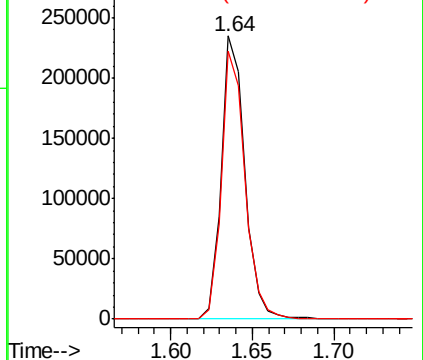
94 100

96 94.8 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 41.949 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006907.D

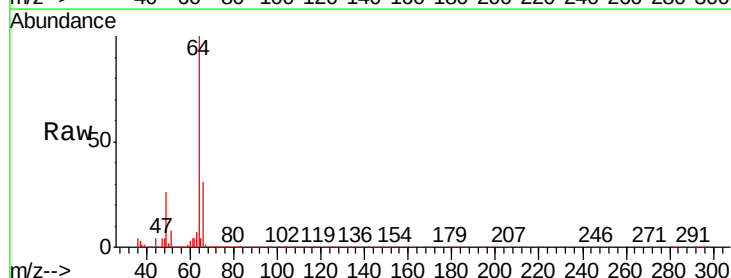
Acq: 03 Jan 2019 20:45

Tgt Ion: 64 Resp: 160682

Ion Ratio Lower Upper

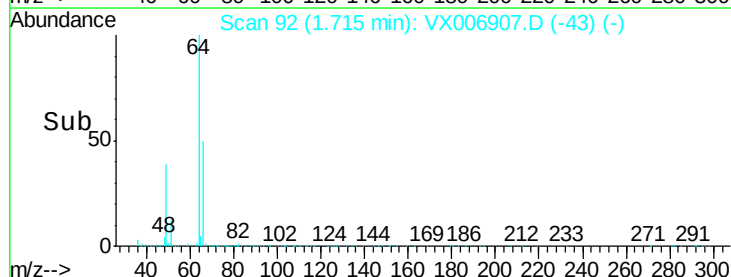
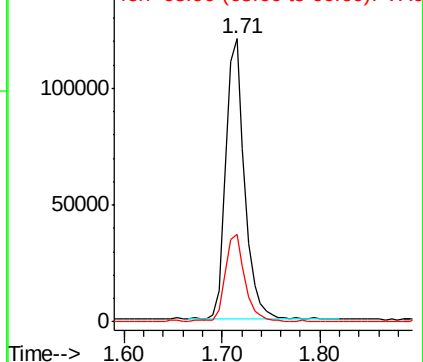
64 100

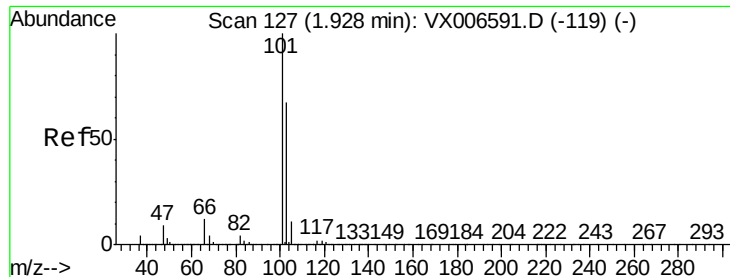
66 30.8 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



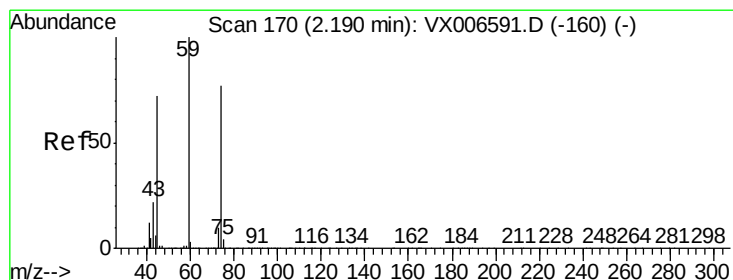
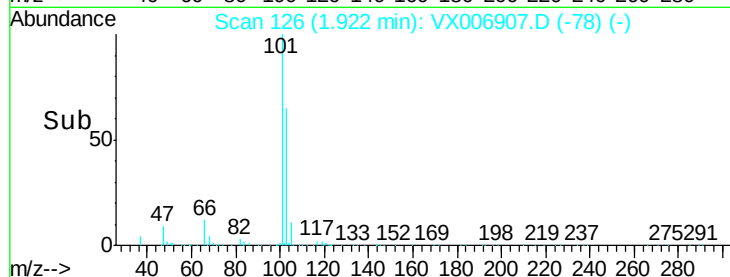
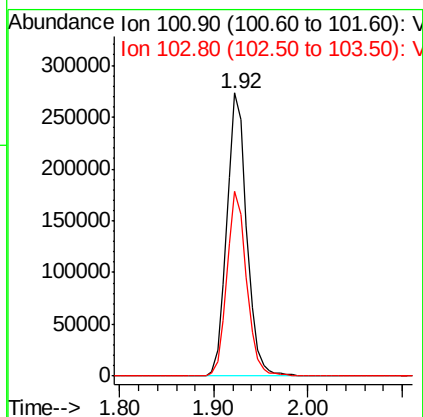
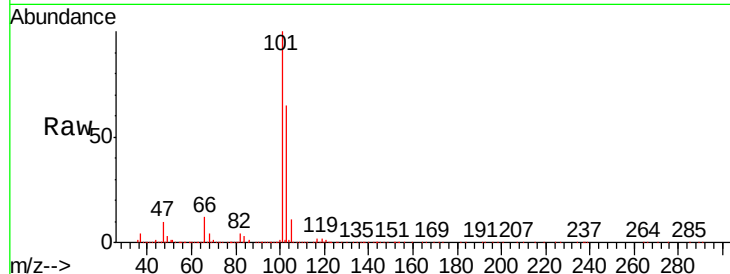


#7

Trichlorofluoromethane
Concen: 46.598 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

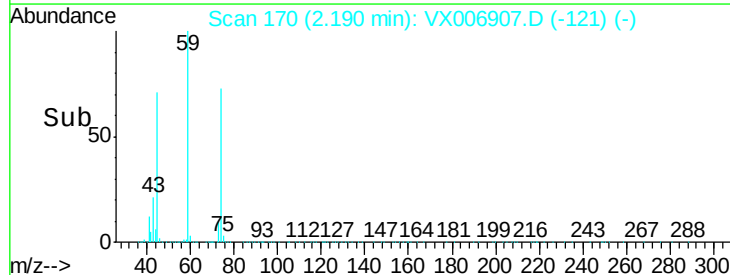
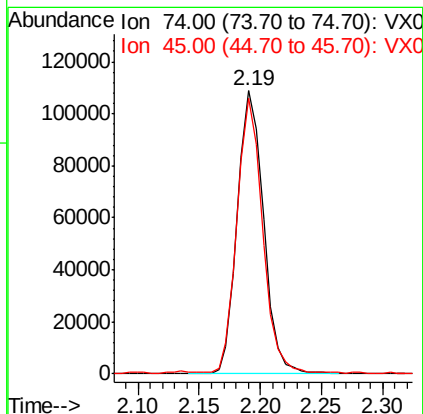
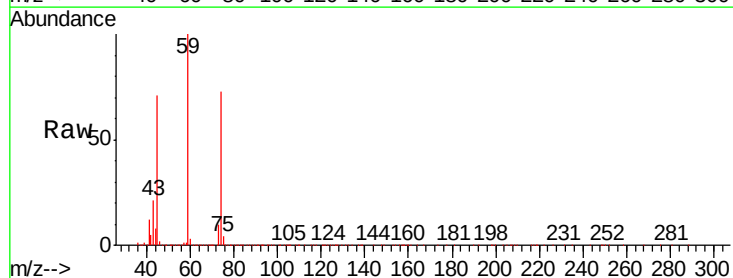
Tgt Ion:101 Resp: 401898
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8

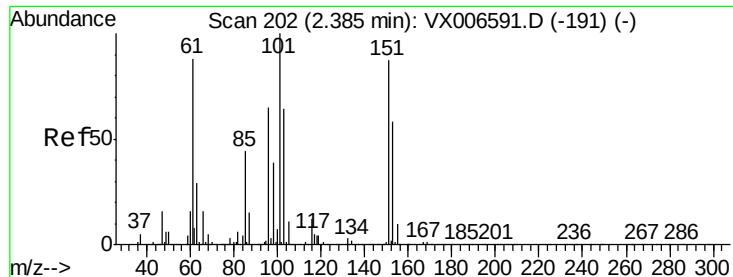


#8

Diethyl Ether
Concen: 47.361 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 74 Resp: 162242
Ion Ratio Lower Upper
74 100
45 94.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.318 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

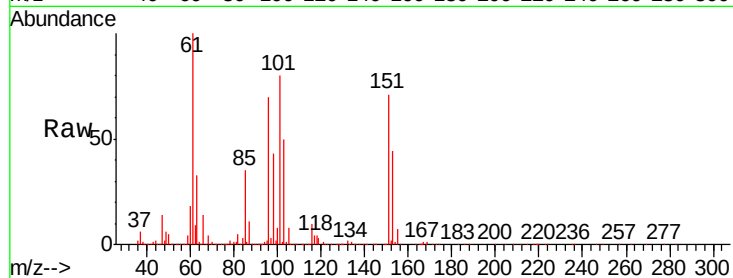
Tgt Ion:101 Resp: 234555

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

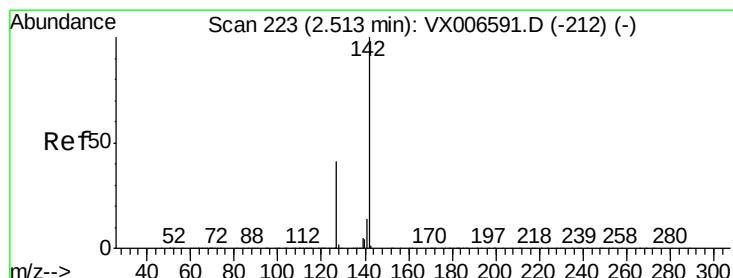
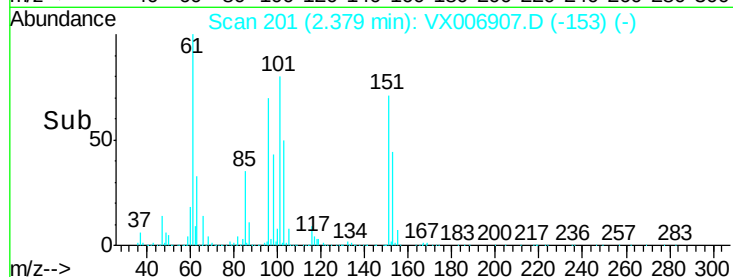
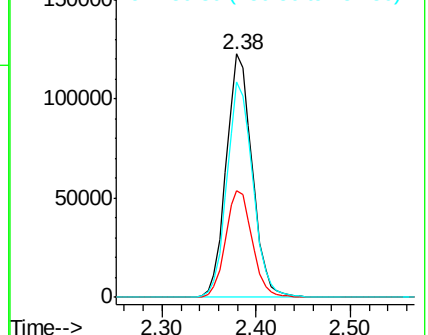
151 88.8 68.9 103.3



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: 49.482 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

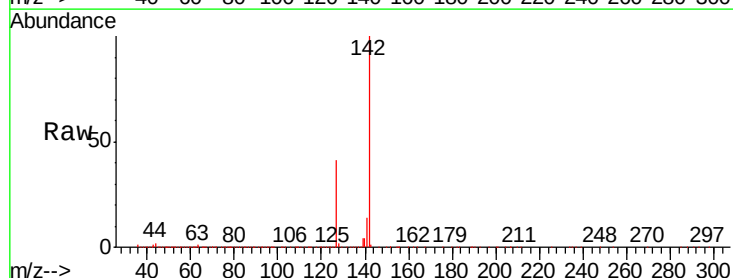
Tgt Ion:142 Resp: 358689

Ion Ratio Lower Upper

142 100

127 42.3 33.9 50.9

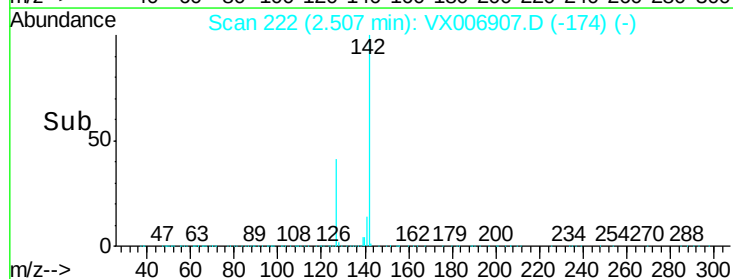
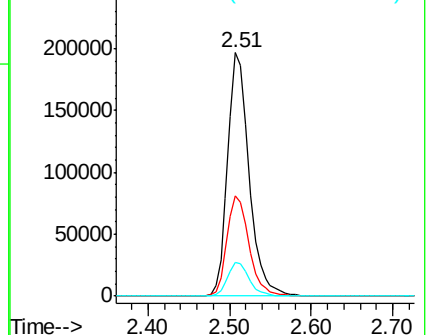
141 14.0 11.4 17.0

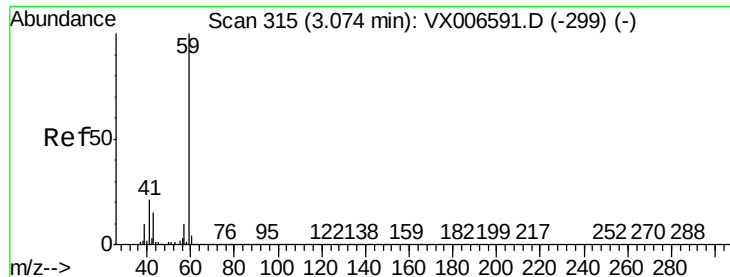


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



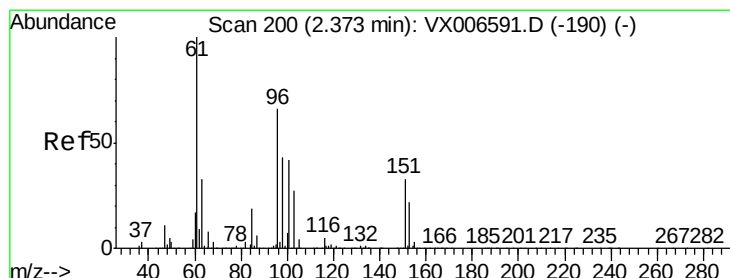
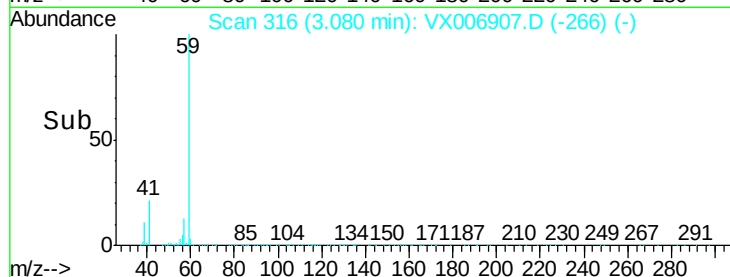
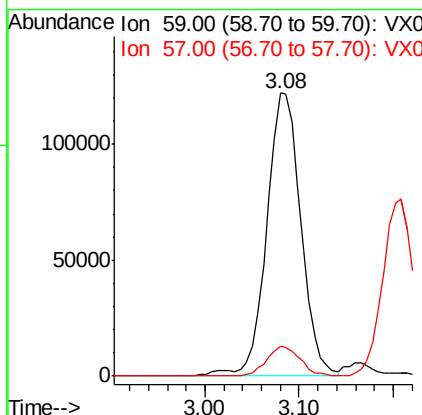
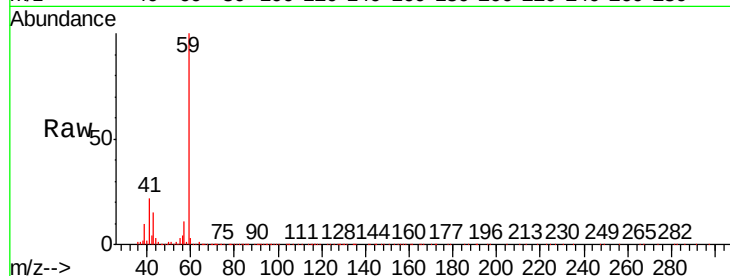


#11

Tert butyl alcohol
Concen: 238.300 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

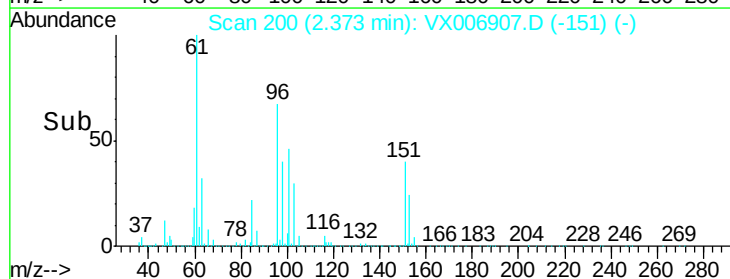
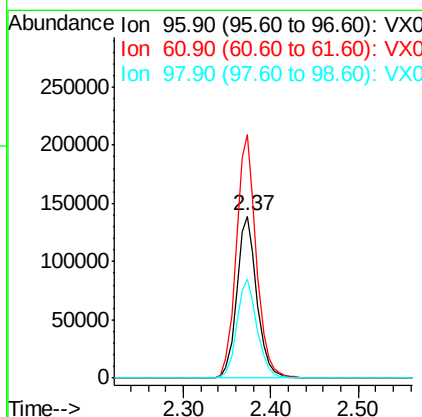
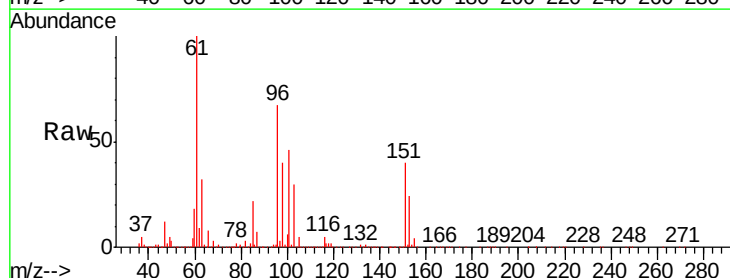
Tgt Ion: 59 Resp: 308033
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7

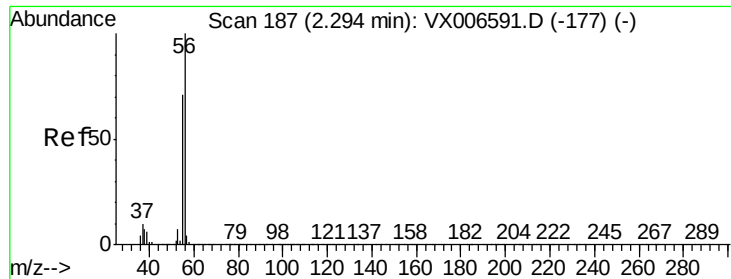


#12

1,1-Dichloroethene
Concen: 46.363 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 96 Resp: 222620
Ion Ratio Lower Upper
96 100
61 150.2 121.4 182.2
98 60.7 51.9 77.9





#13

Acrolein

Concen: 219.203 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

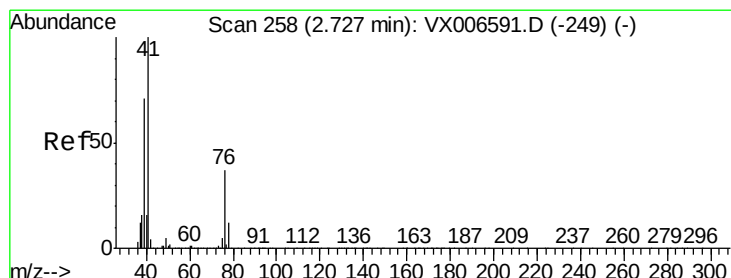
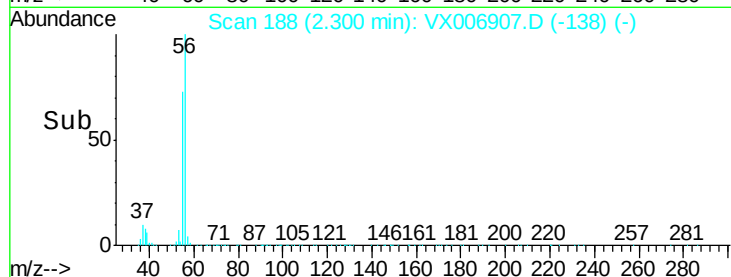
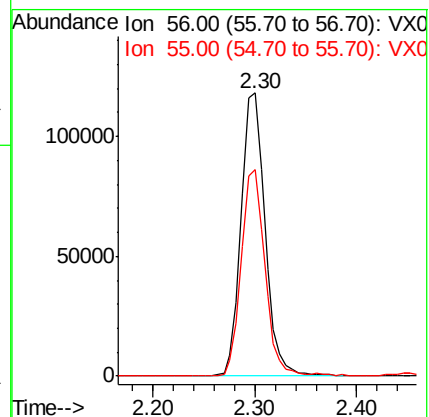
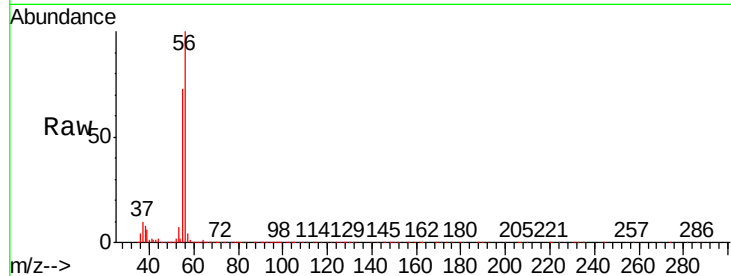
VSTDCCC050EC

Tgt Ion: 56 Resp: 191149

Ion Ratio Lower Upper

56 100

55 71.8 58.2 87.4



#14

Allyl chloride

Concen: 48.140 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

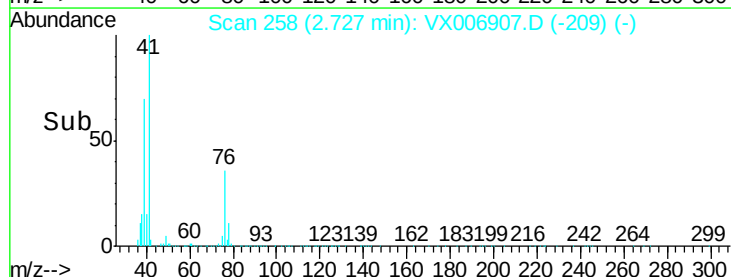
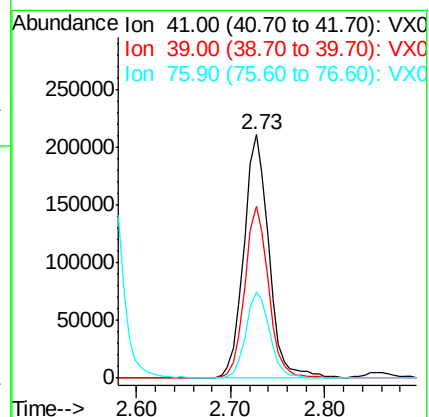
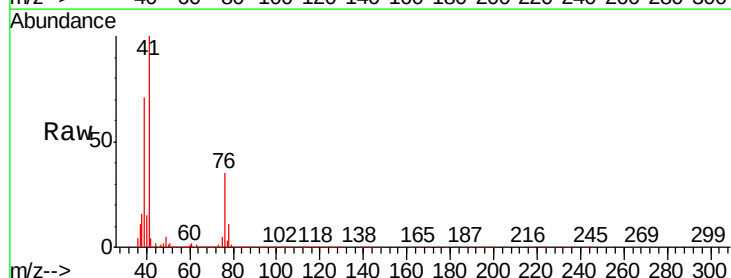
Tgt Ion: 41 Resp: 389081

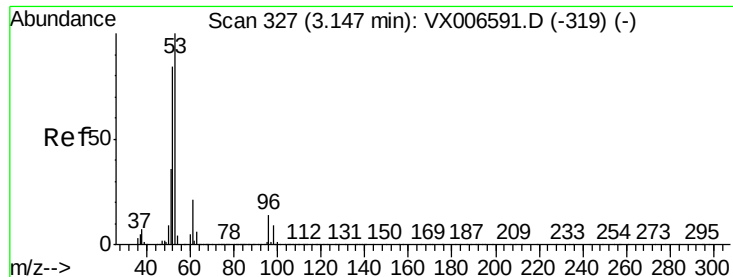
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 34.0 27.4 41.2





#15

Acrylonitrile

Concen: 257.712 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

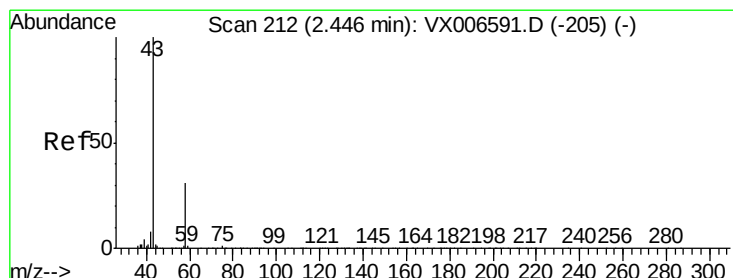
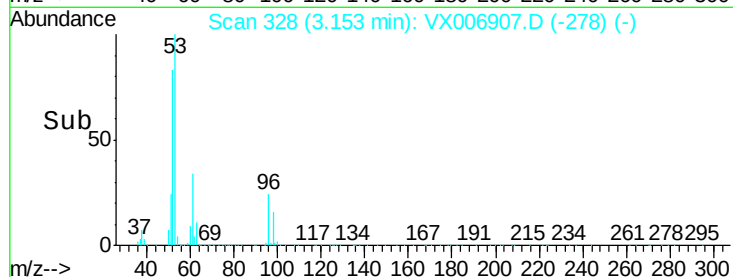
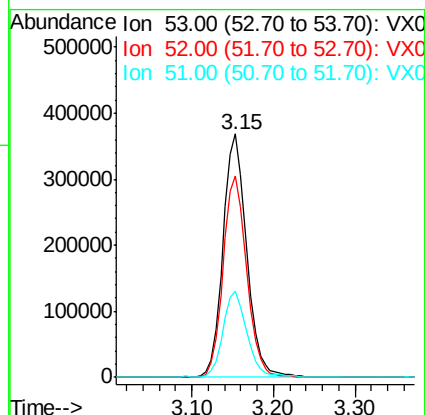
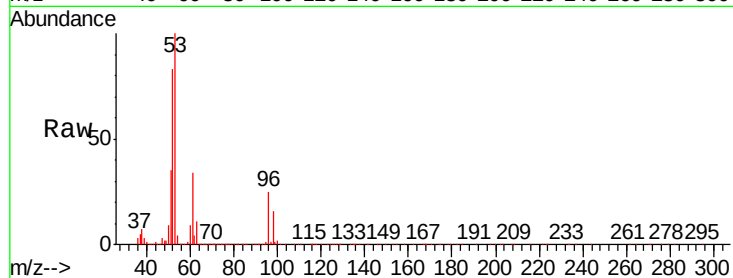
Tgt Ion: 53 Resp: 739645

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

51 35.9 28.6 42.8



#16

Acetone

Concen: 228.425 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX006907.D

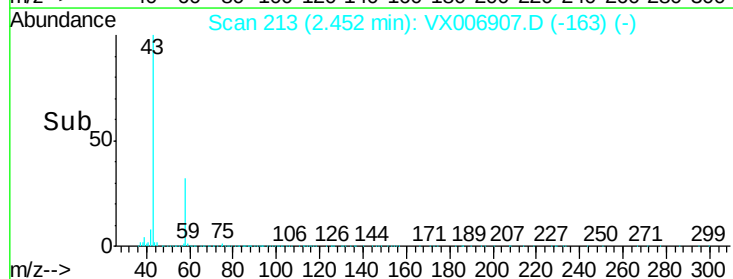
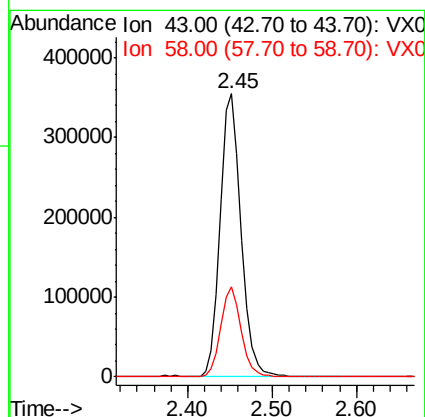
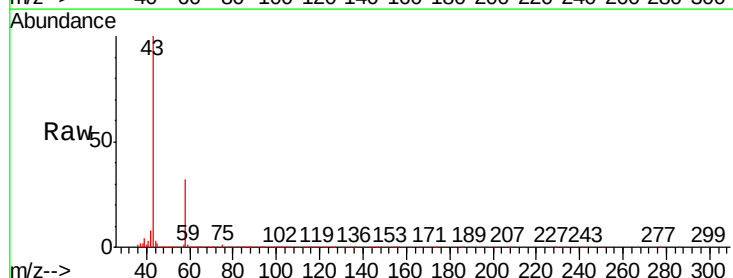
Acq: 03 Jan 2019 20:45

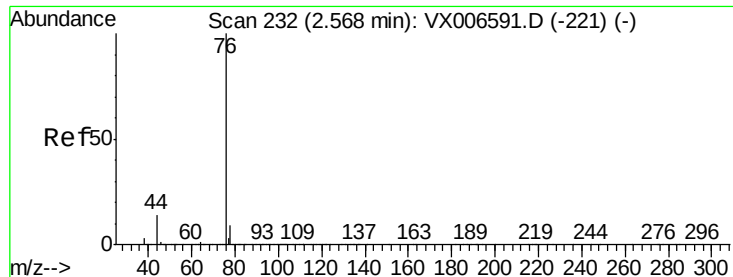
Tgt Ion: 43 Resp: 607852

Ion Ratio Lower Upper

43 100

58 31.8 25.0 37.6





#17

Carbon Disulfide

Concen: 36.868 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

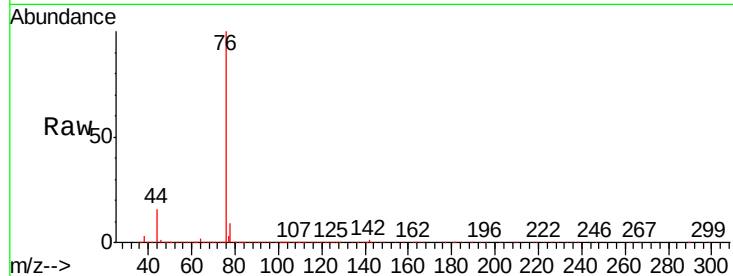
VSTDCCC050EC

Tgt Ion: 76 Resp: 468488

Ion Ratio Lower Upper

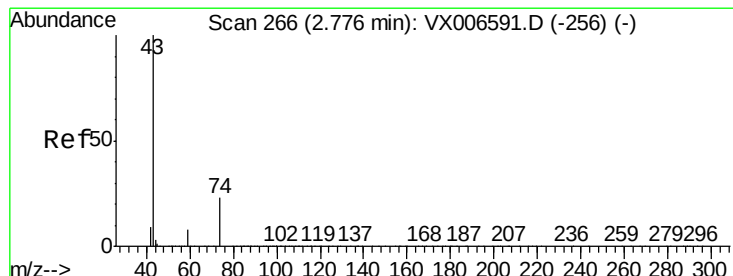
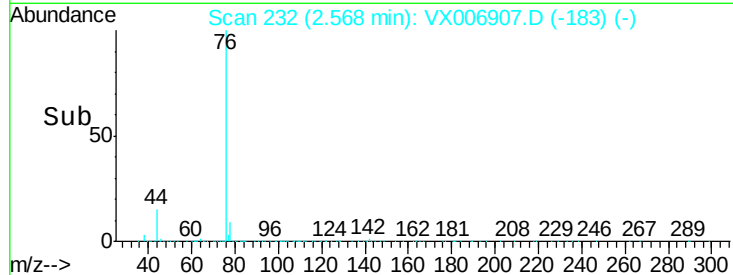
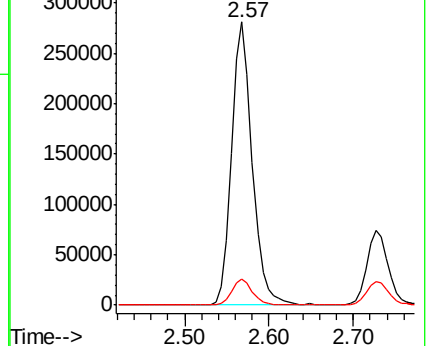
76 100

78 9.2 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 58.298 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006907.D

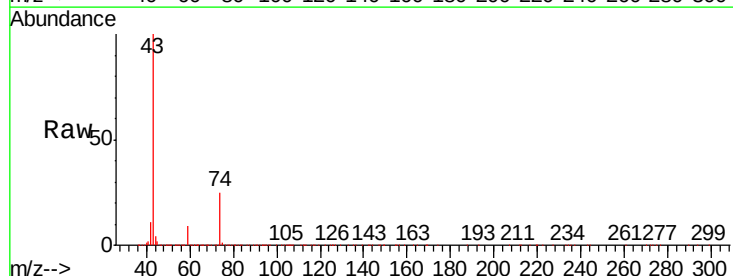
Acq: 03 Jan 2019 20:45

Tgt Ion: 43 Resp: 456167

Ion Ratio Lower Upper

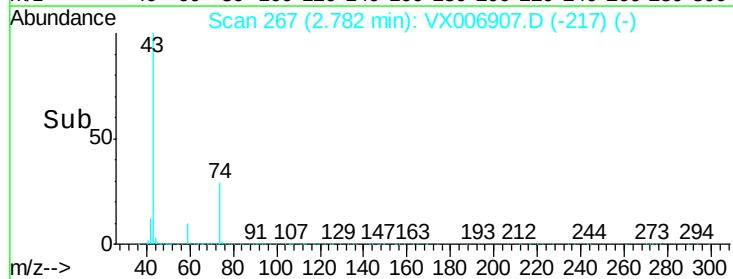
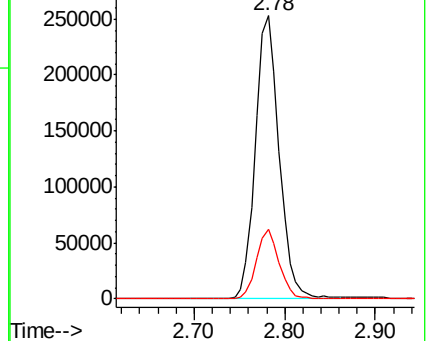
43 100

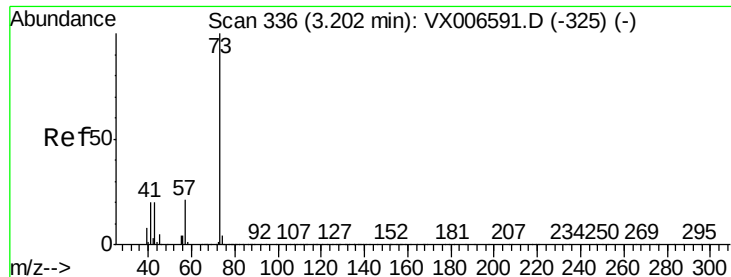
74 23.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 52.221 ug/l

RT: 3.21 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

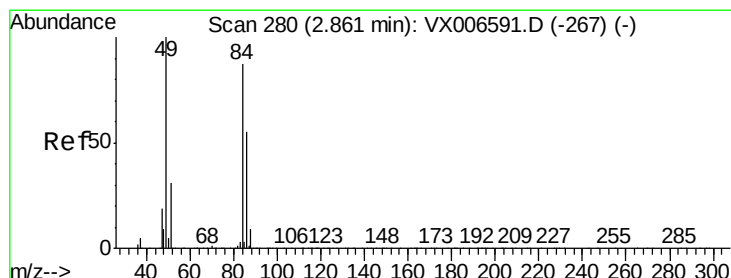
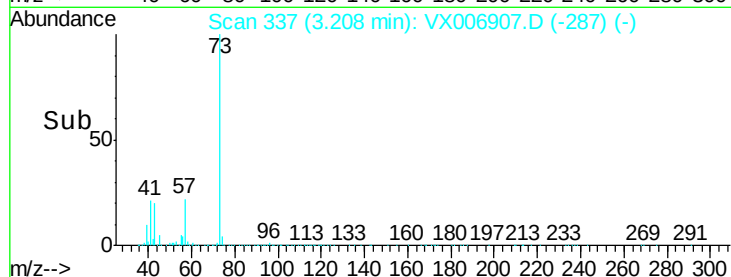
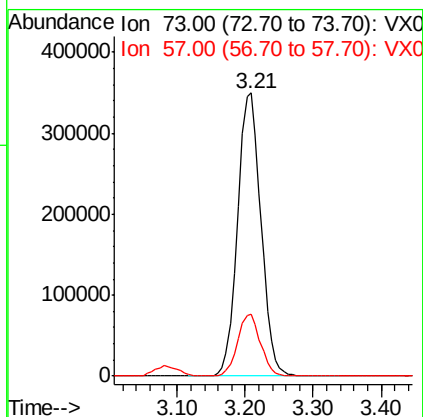
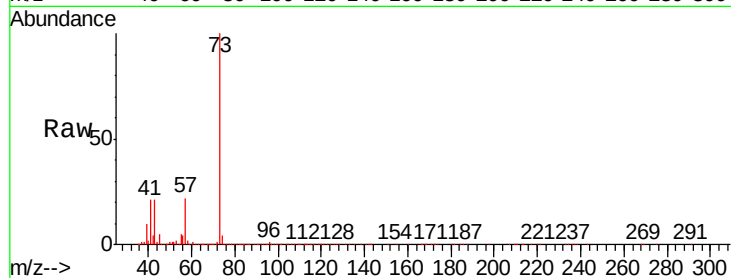
VSTDCCC050EC

Tgt Ion: 73 Resp: 832230

Ion Ratio Lower Upper

73 100

57 21.8 16.8 25.2



#20

Methylene Chloride

Concen: 47.671 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion: 84 Resp: 262315

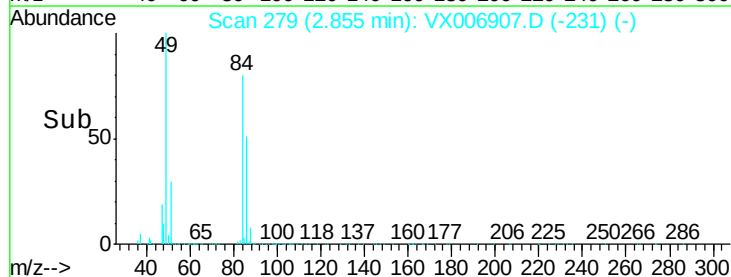
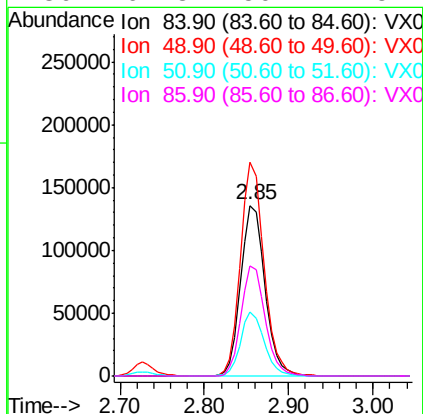
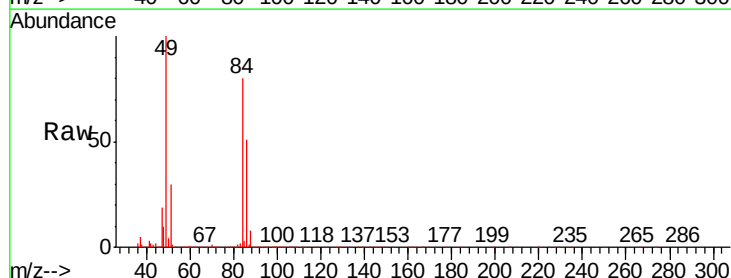
Ion Ratio Lower Upper

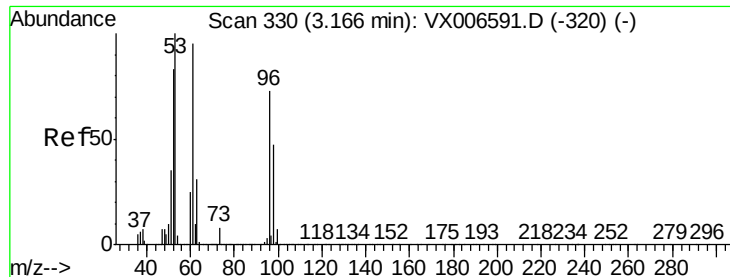
84 100

49 124.8 91.8 137.6

51 37.6 28.5 42.7

86 64.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.022 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

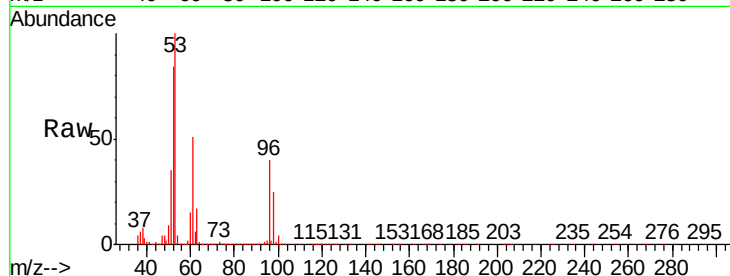
Tgt Ion: 96 Resp: 234211

Ion Ratio Lower Upper

96 100

61 129.4 103.7 155.5

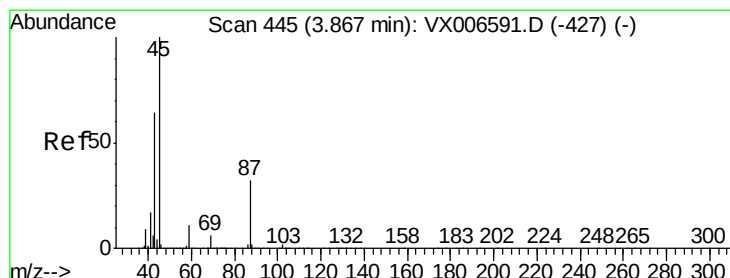
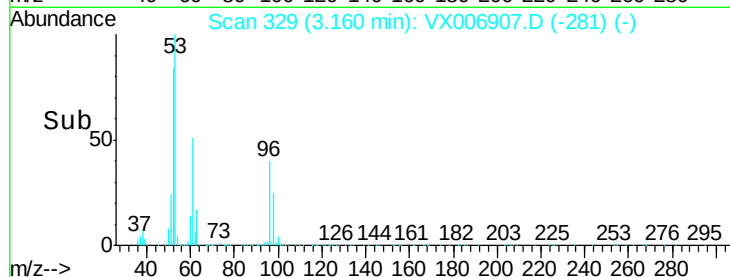
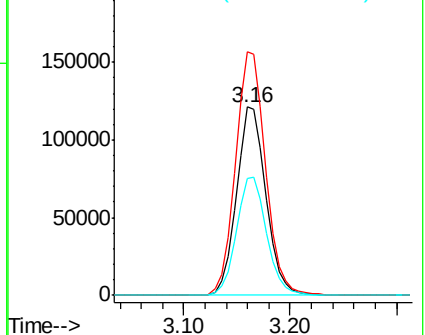
98 62.2 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 51.659 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion: 45 Resp: 763831

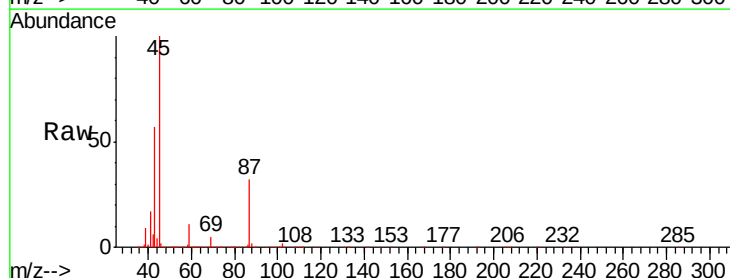
Ion Ratio Lower Upper

45 100

43 57.0 51.2 76.8

87 31.9 25.8 38.6

59 11.4 9.0 13.4

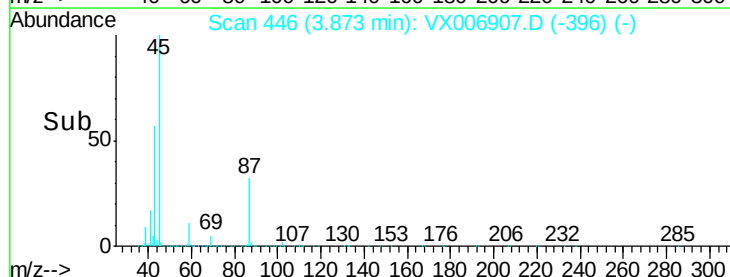
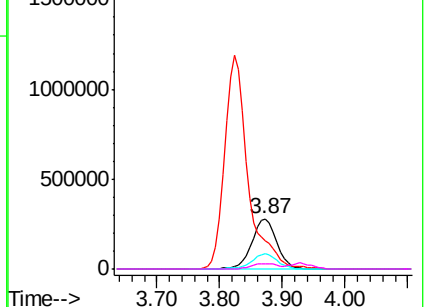


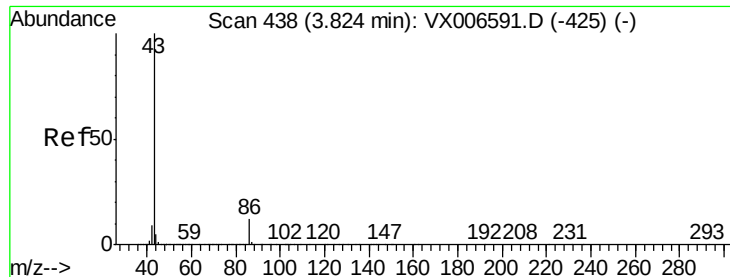
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 253.754 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

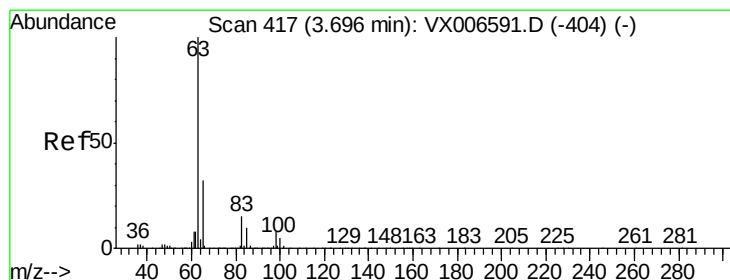
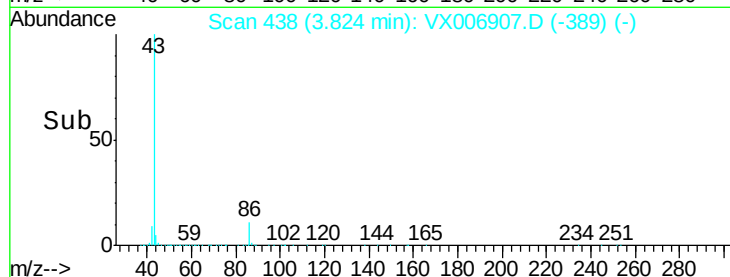
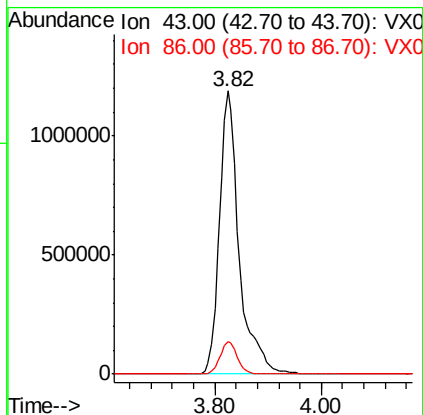
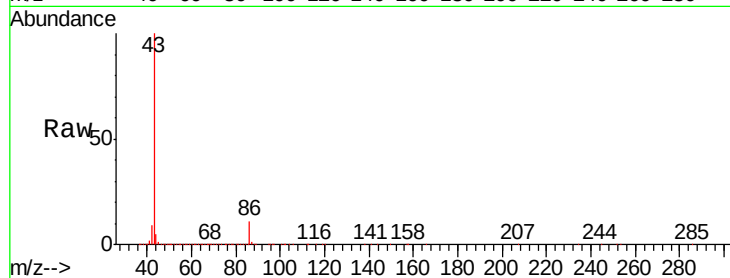
VSTDCCC050EC

Tgt Ion: 43 Resp: 3069063

Ion Ratio Lower Upper

43 100

86 11.4 9.2 13.8



#24

1,1-Dichloroethane

Concen: 46.826 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

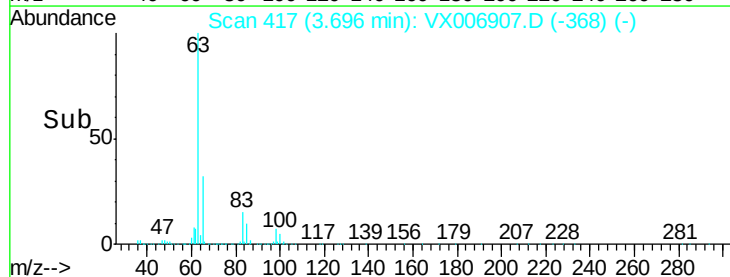
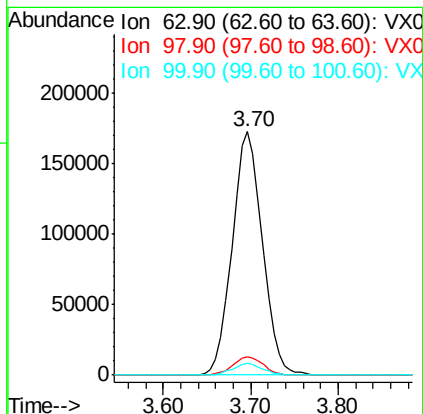
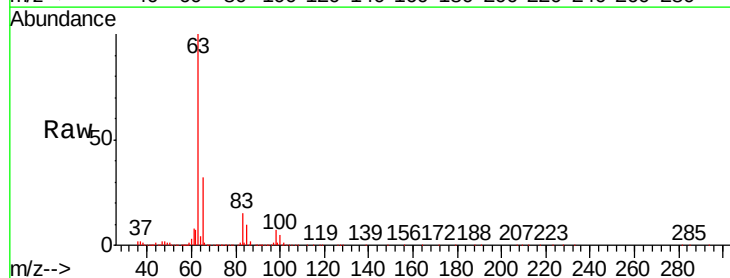
Tgt Ion: 63 Resp: 413319

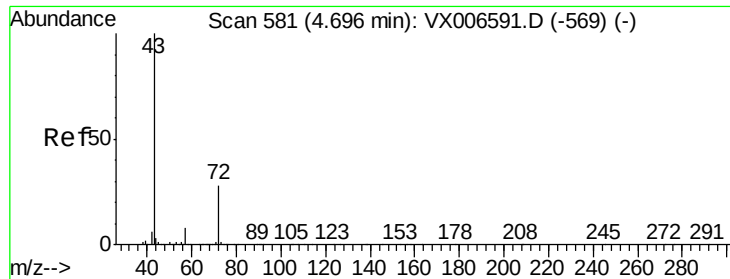
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 241.123 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

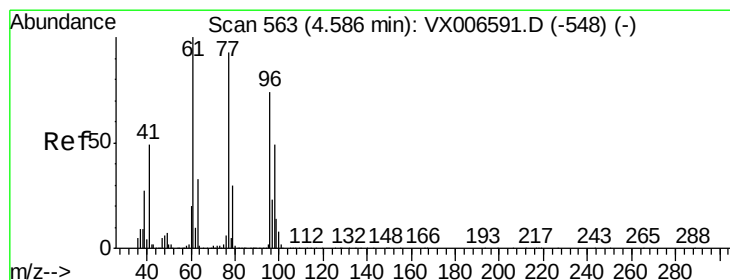
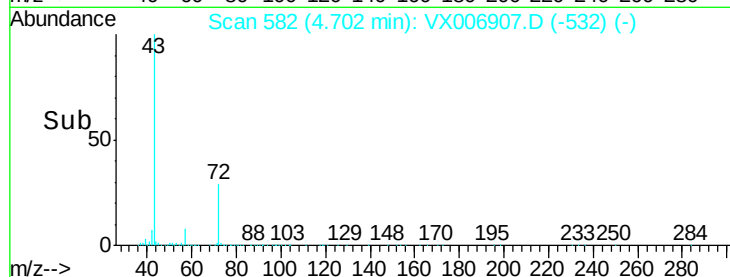
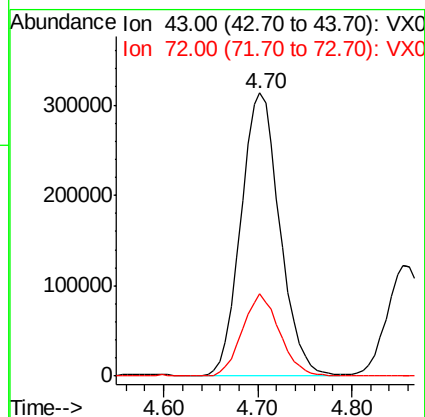
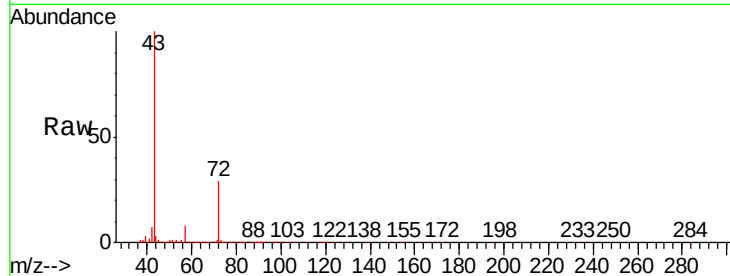
VSTDCCC050EC

Tgt Ion: 43 Resp: 902548

Ion Ratio Lower Upper

43 100

72 29.2 22.4 33.6



#26

2,2-Dichloropropane

Concen: 42.088 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006907.D

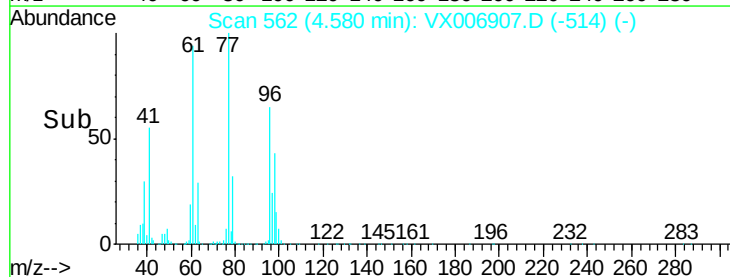
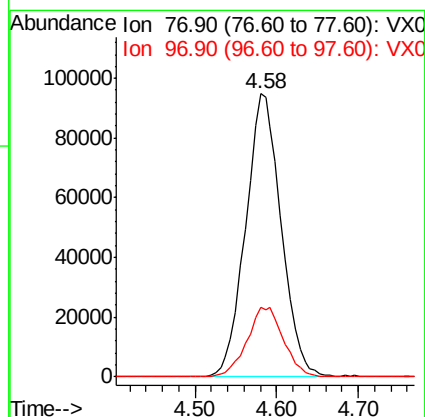
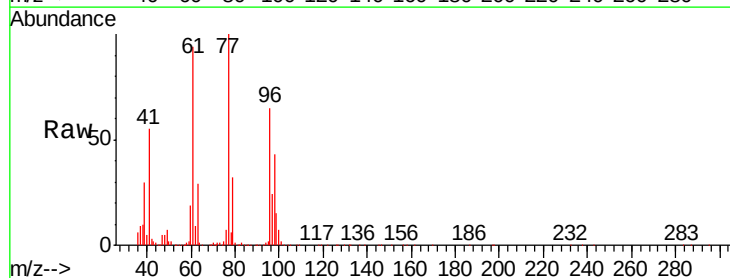
Acq: 03 Jan 2019 20:45

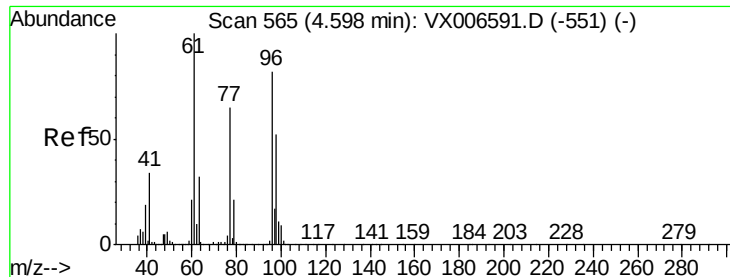
Tgt Ion: 77 Resp: 286967

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



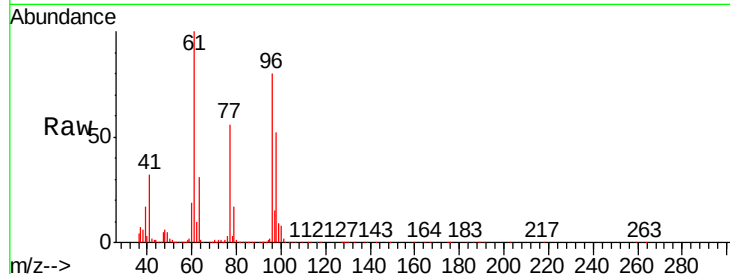


#27

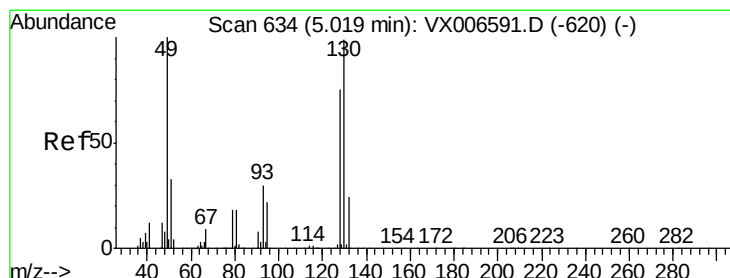
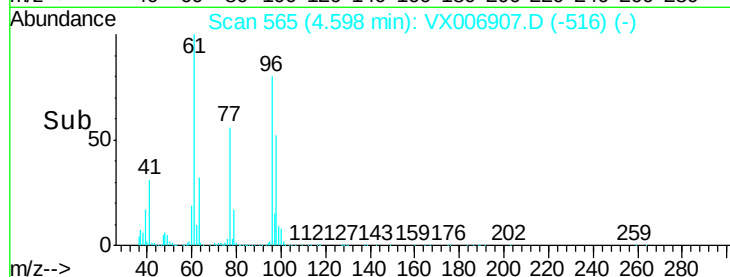
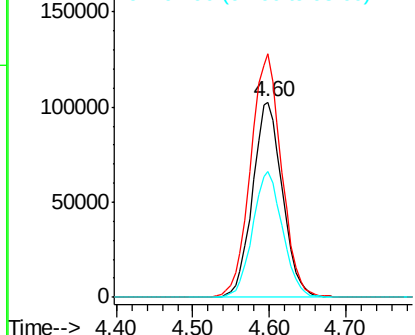
cis-1,2-Dichloroethene
 Concen: 47.611 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 279472
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 258.6
 98 65.0 0.0 132.0



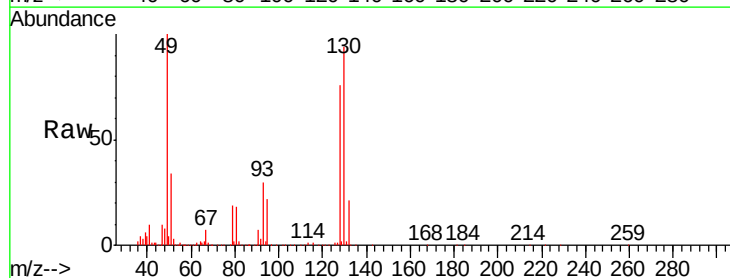
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



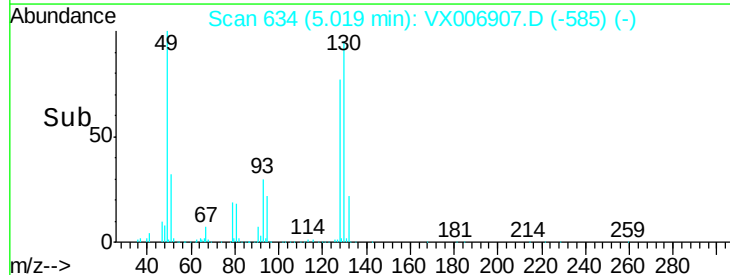
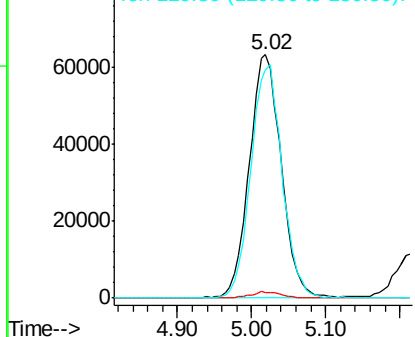
#28

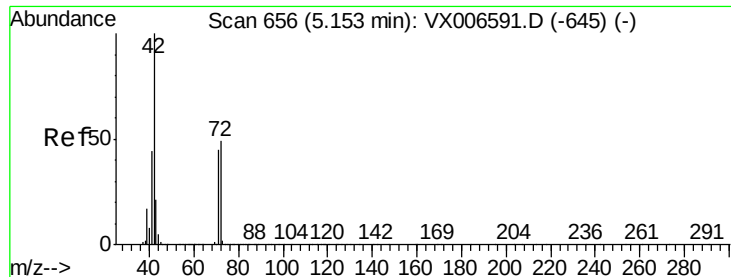
Bromochloromethane
 Concen: 51.286 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion: 49 Resp: 190650
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 5.4
 130 93.8 77.7 116.5



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





#29

Tetrahydrofuran

Concen: 248.449 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

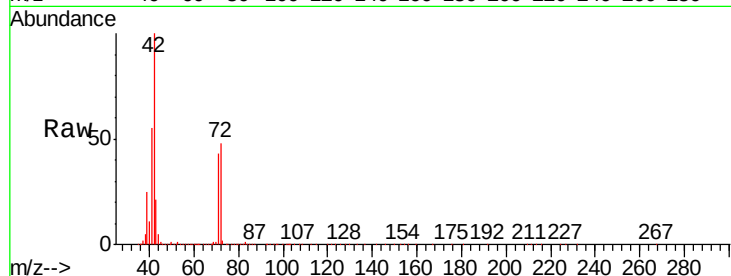
Tgt Ion: 42 Resp: 612509

Ion Ratio Lower Upper

42 100

72 46.6 38.9 58.3

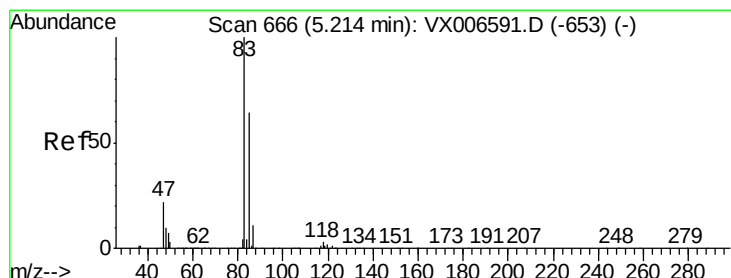
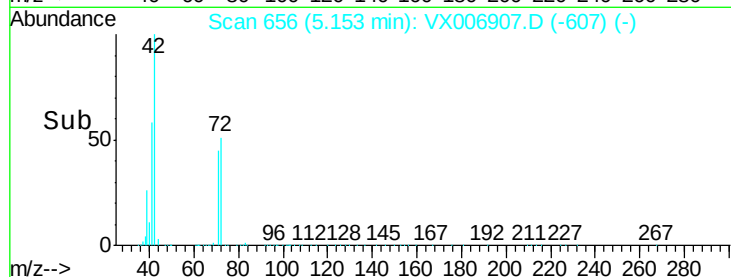
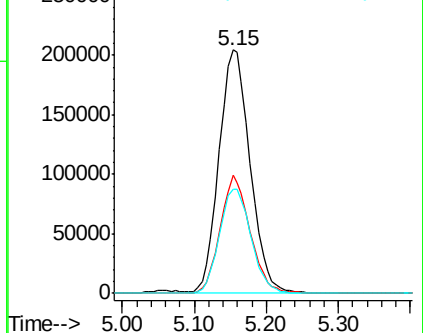
71 43.6 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.725 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX006907.D

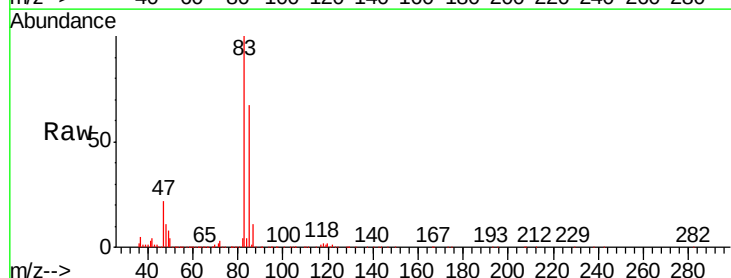
Acq: 03 Jan 2019 20:45

Tgt Ion: 83 Resp: 445368

Ion Ratio Lower Upper

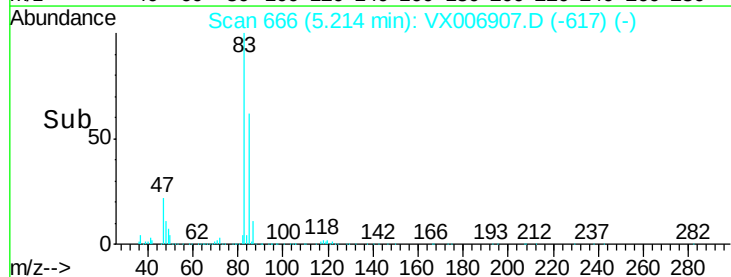
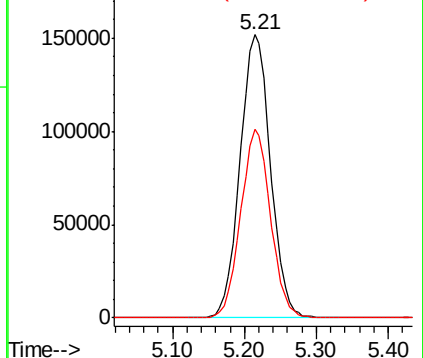
83 100

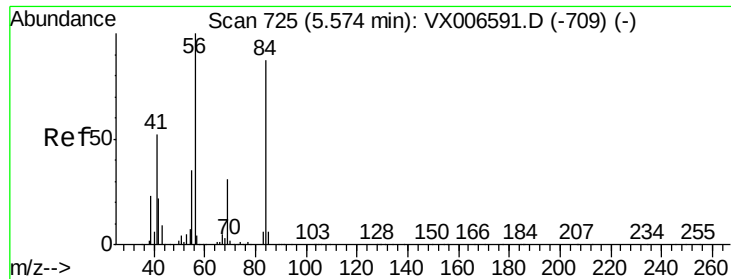
85 66.8 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

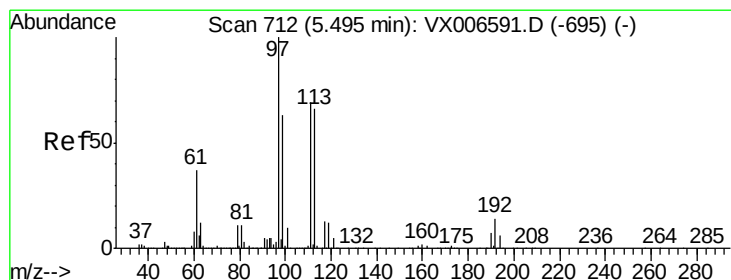
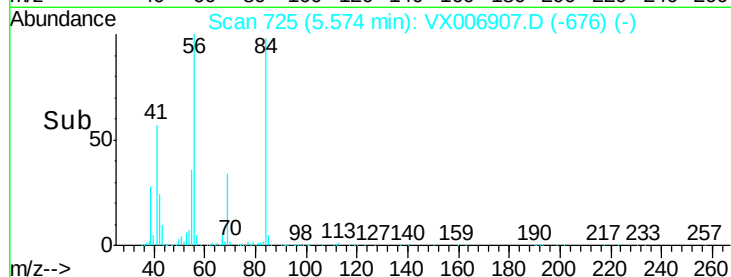
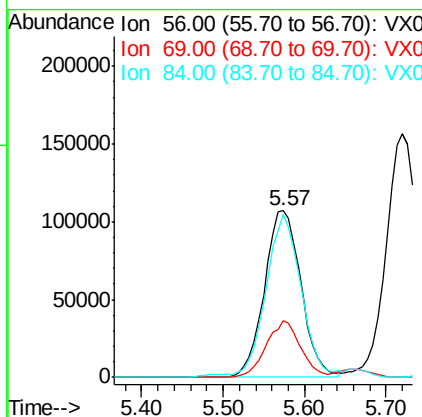
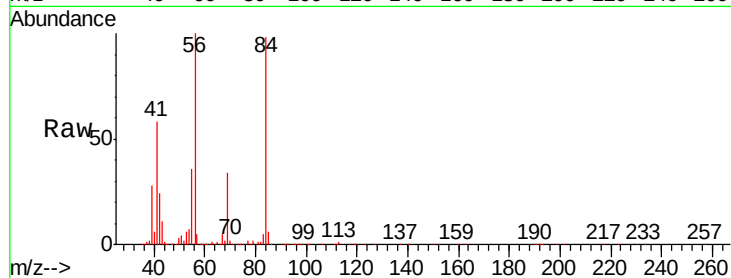




#31
Cyclohexane
Concen: 41.496 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

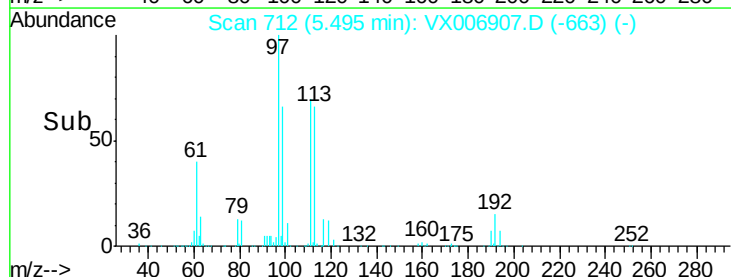
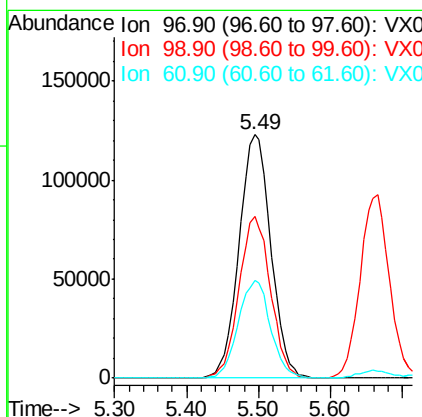
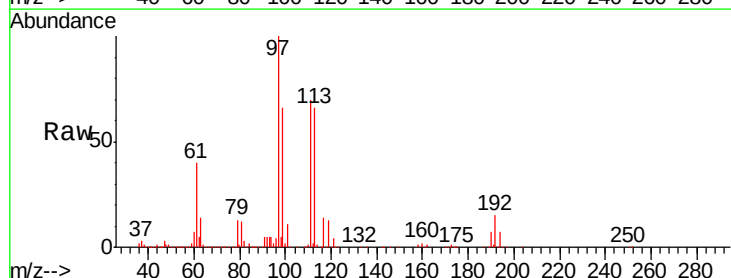
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

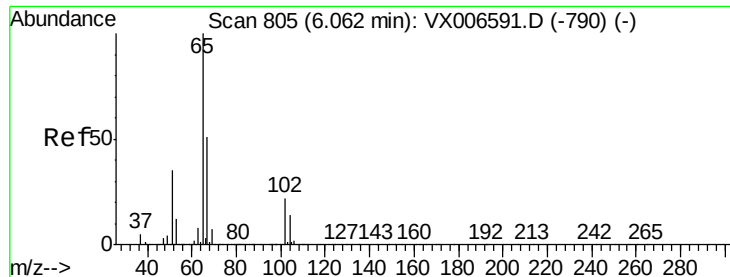
Tgt Ion: 56 Resp: 332751
Ion Ratio Lower Upper
56 100
69 33.6 24.4 36.6
84 97.7 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 48.763 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 97 Resp: 376356
Ion Ratio Lower Upper
97 100
99 65.8 51.7 77.5
61 40.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 48.709 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

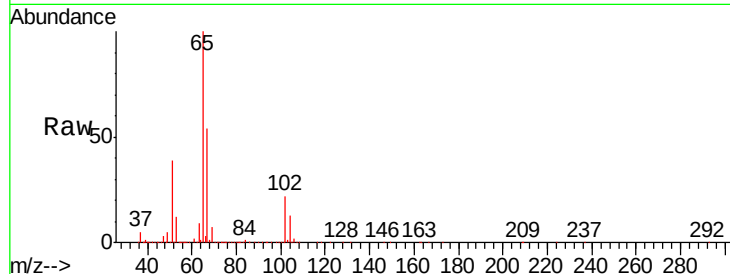
VSTDCCC050EC

Tgt Ion: 65 Resp: 282124

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

120000

100000

80000

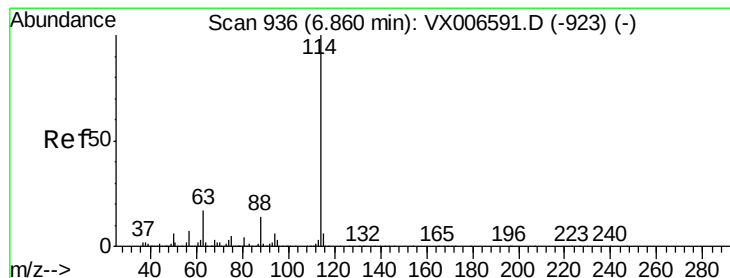
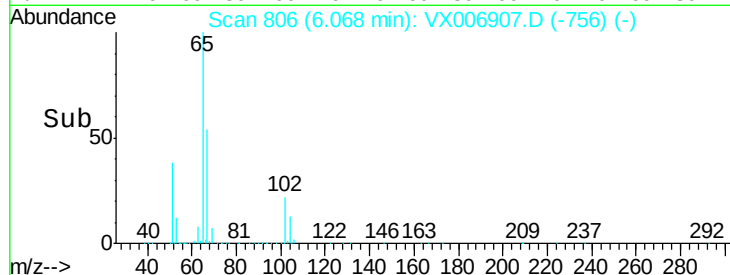
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

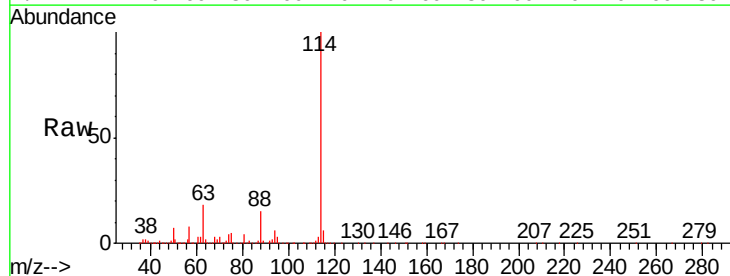
Tgt Ion: 114 Resp: 802217

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

88 15.1 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

6.86

400000

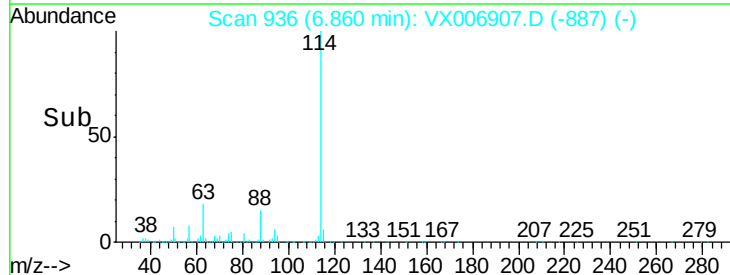
300000

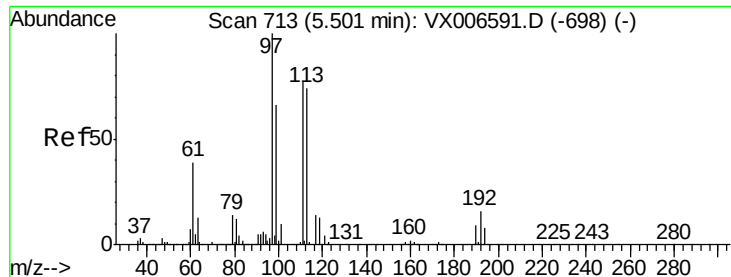
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.917 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

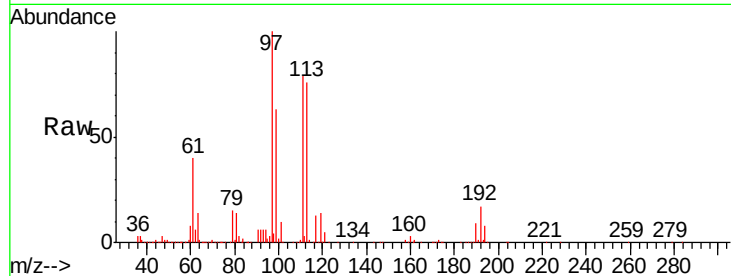
Tgt Ion:113 Resp: 258303

Ion Ratio Lower Upper

113 100

111 103.0 81.6 122.4

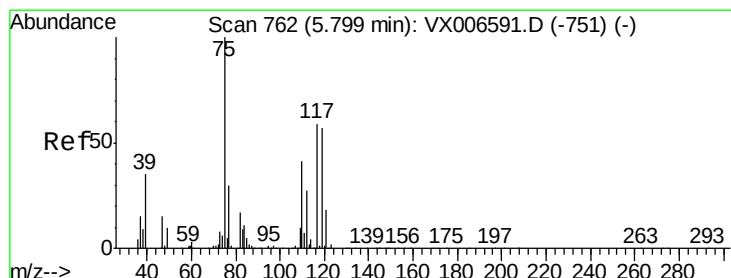
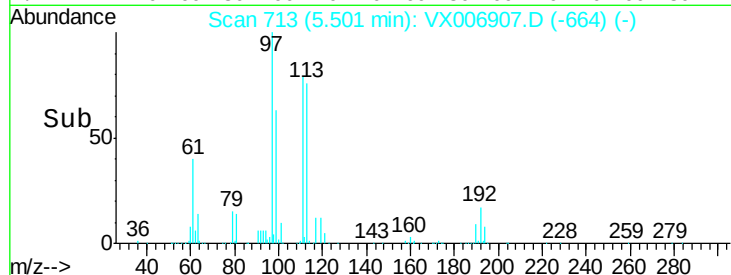
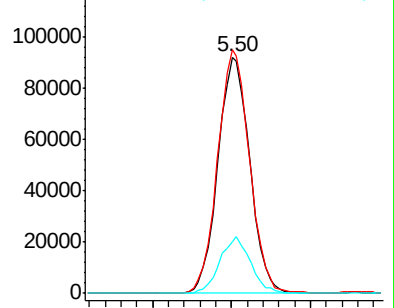
192 23.1 16.7 25.1



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: 46.222 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

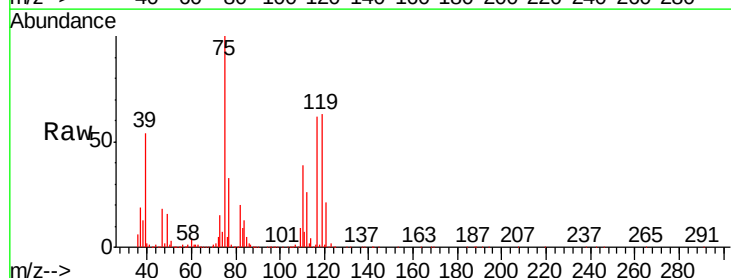
Tgt Ion: 75 Resp: 307107

Ion Ratio Lower Upper

75 100

110 39.3 20.2 60.5

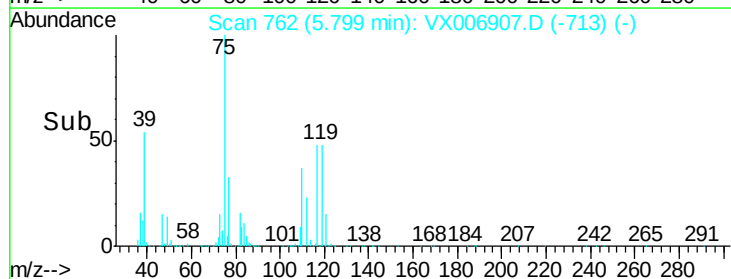
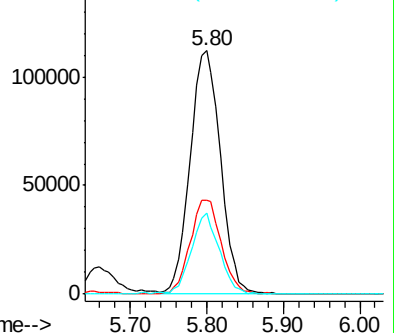
77 30.4 24.8 37.2

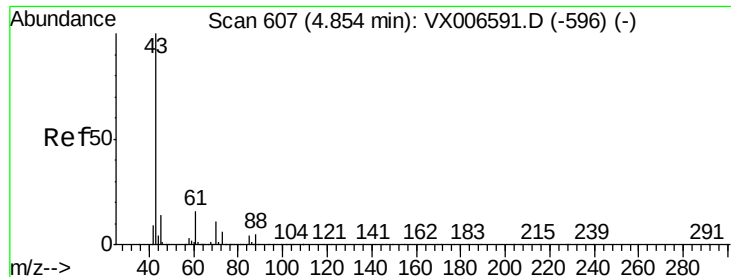


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

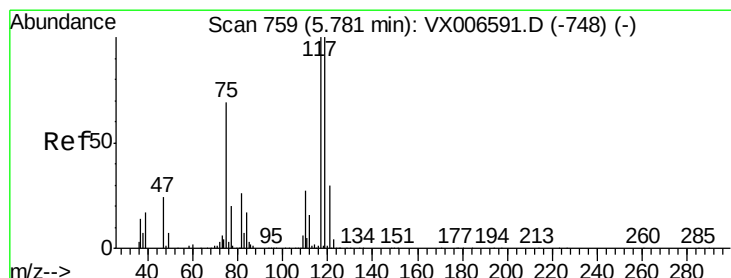
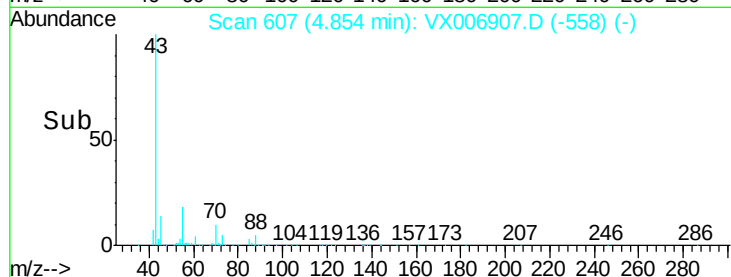
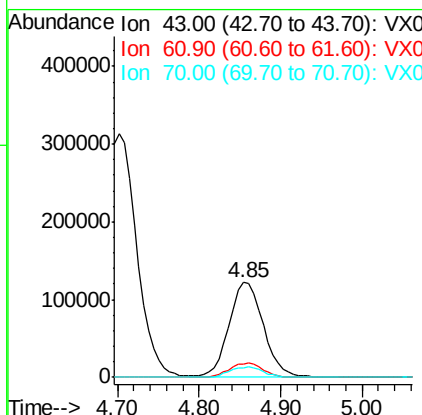
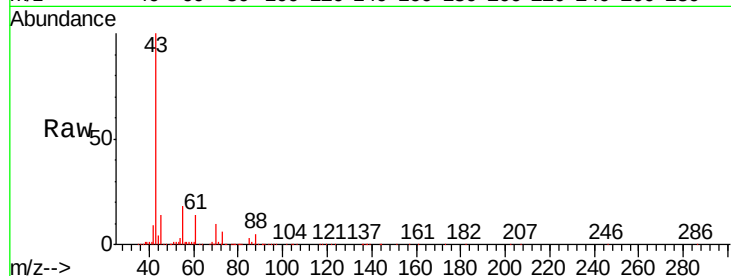




#37
Ethyl Acetate
Concen: 51.151 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

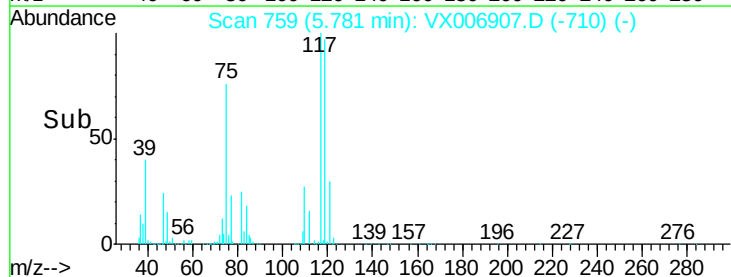
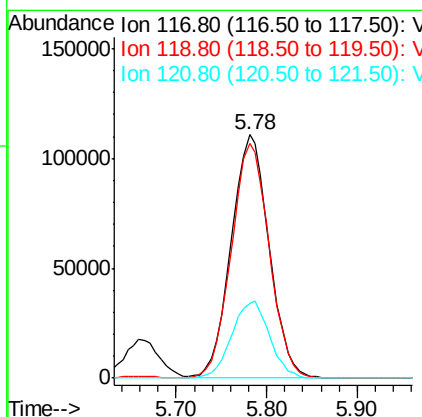
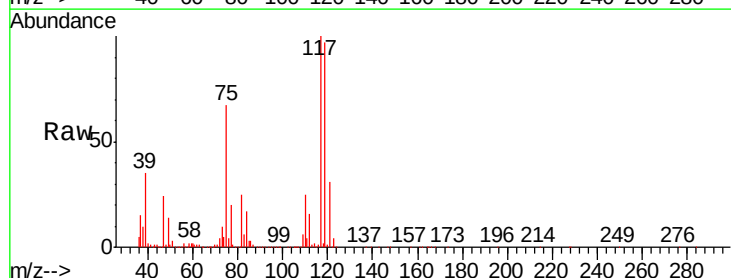
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

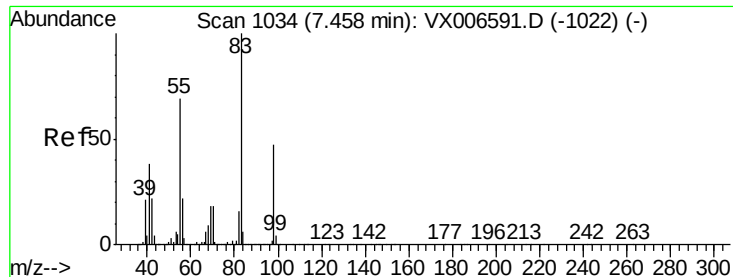
Tgt Ion: 43 Resp: 353733
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 49.524 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 117 Resp: 319780
Ion Ratio Lower Upper
117 100
119 96.5 79.4 119.2
121 30.8 24.0 36.0

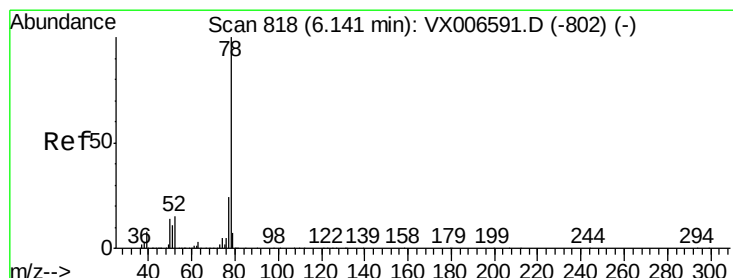
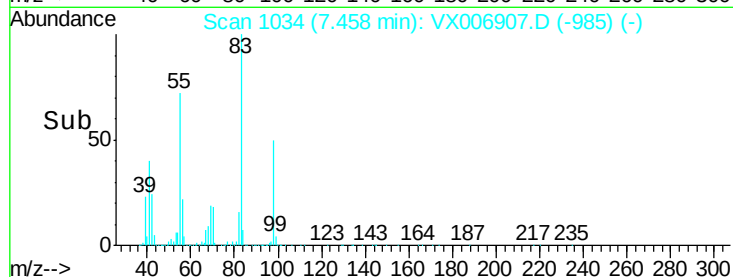
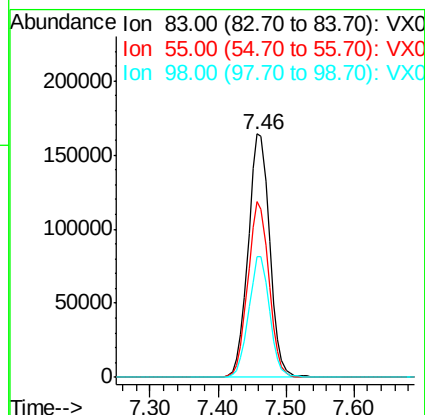
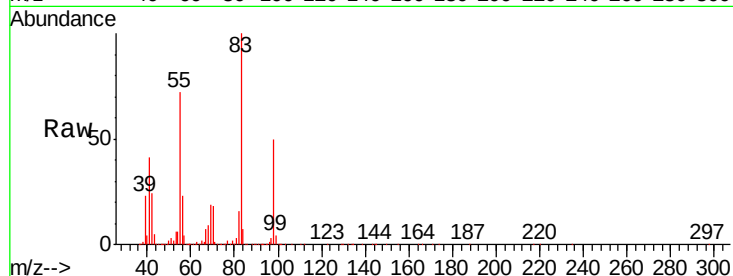




#39
Methylcyclohexane
Concen: 41.388 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

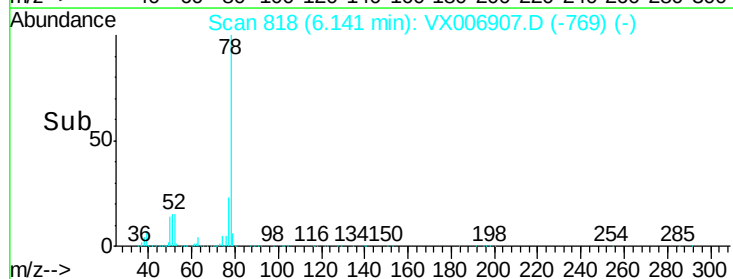
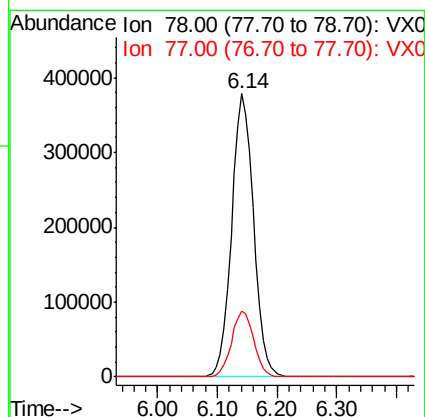
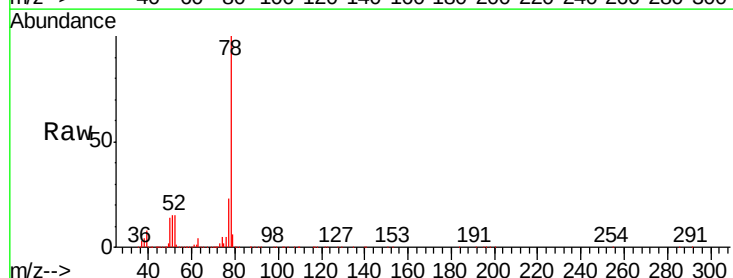
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

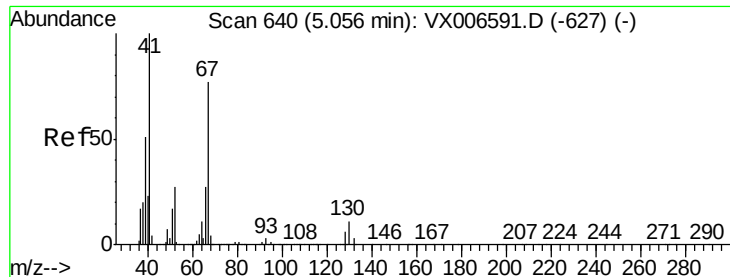
Tgt Ion: 83 Resp: 362036
Ion Ratio Lower Upper
83 100
55 72.0 54.9 82.3
98 49.8 37.9 56.9



#40
Benzene
Concen: 47.842 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 78 Resp: 966235
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8

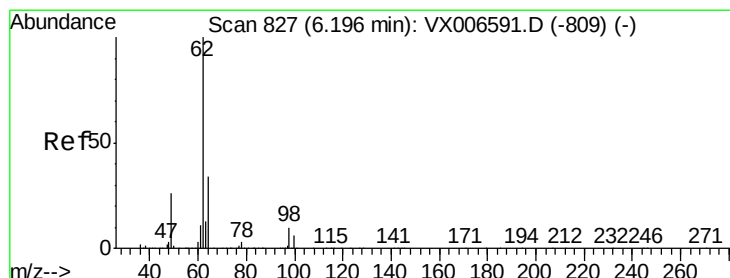
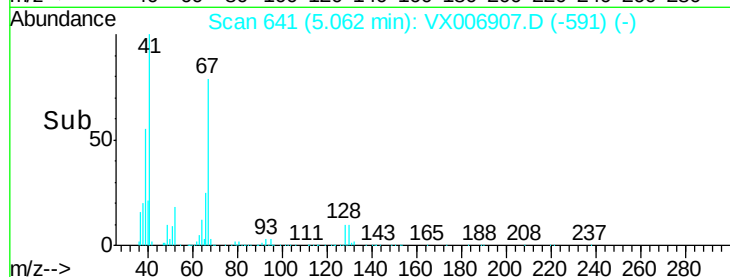
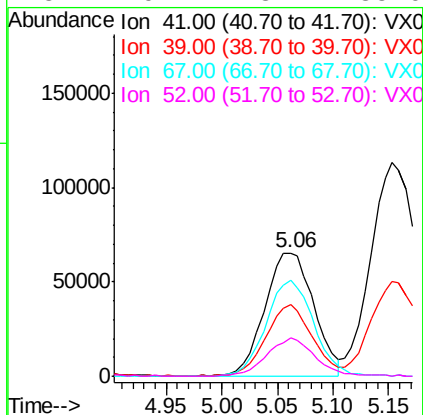
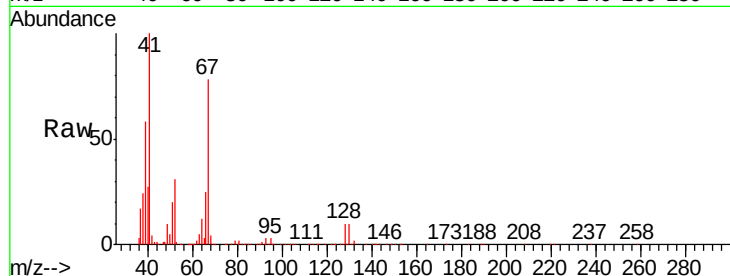




#41
Methacrylonitrile
Concen: 54.230 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

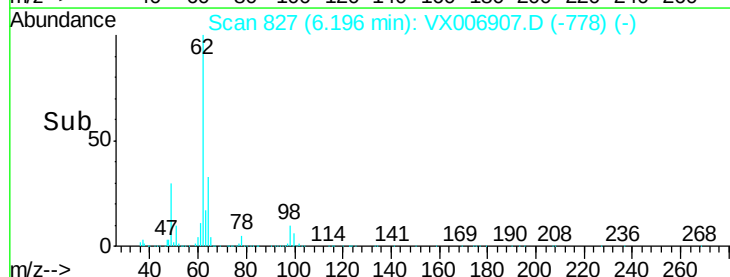
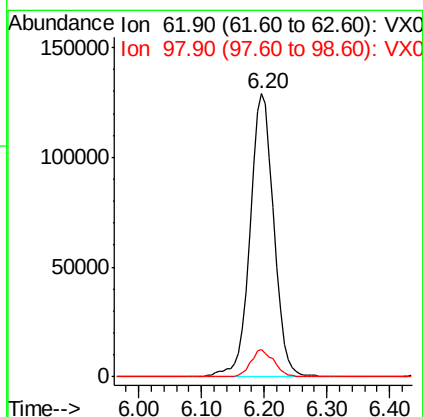
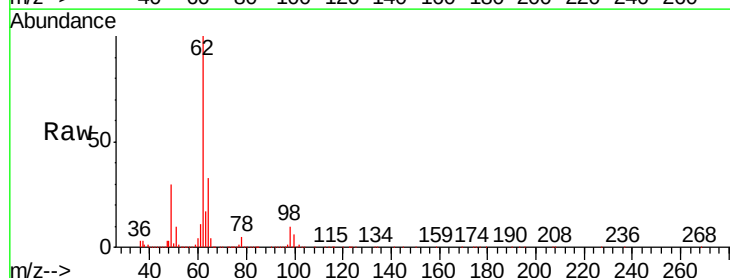
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

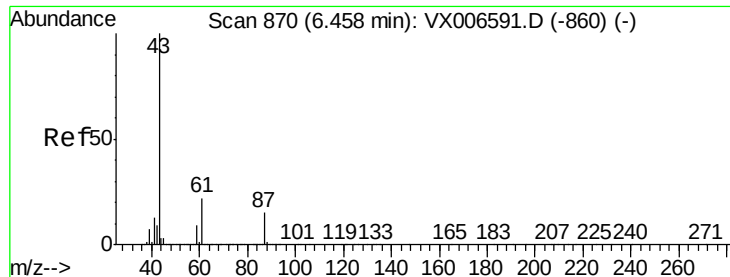
Tgt Ion:	41	Resp:	199107
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.8	64.2
67	76.7	62.1	93.1
52	29.7	23.4	35.0



#42
1,2-Dichloroethane
Concen: 49.086 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion:	62	Resp:	337808
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 55.124 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

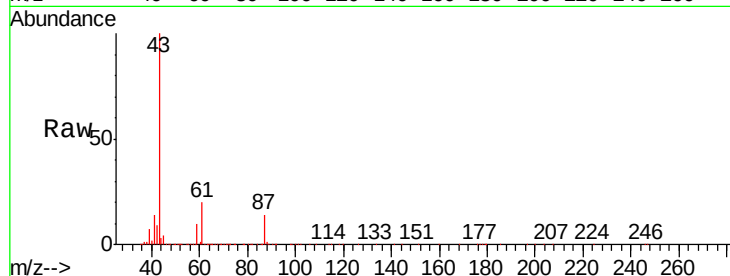
Tgt Ion: 43 Resp: 580021

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

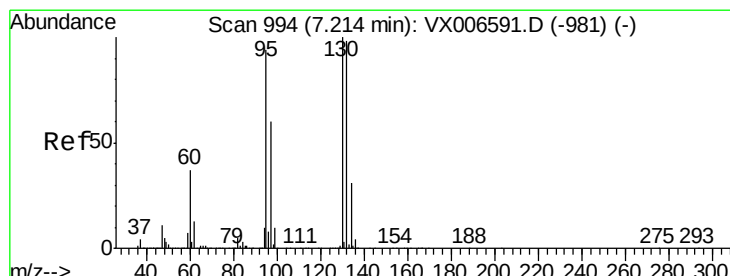
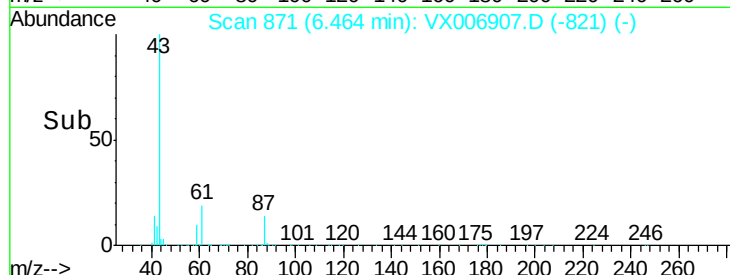
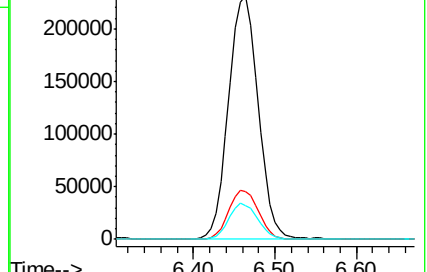
87 14.6 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006907.D (-821) (-)

Ion 61.00 (60.70 to 61.70): VX006907.D (-821) (-)

Ion 87.00 (86.70 to 87.70): VX006907.D (-821) (-)



#44

Trichloroethene

Concen: 46.597 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006907.D

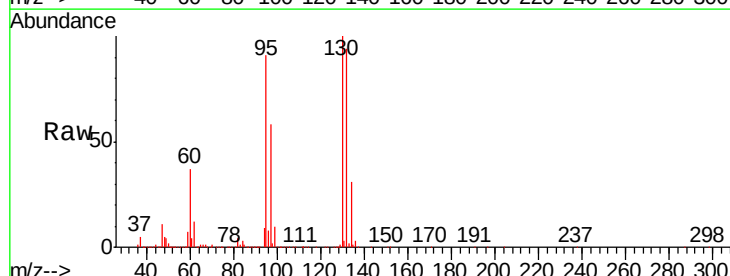
Acq: 03 Jan 2019 20:45

Tgt Ion: 130 Resp: 284835

Ion Ratio Lower Upper

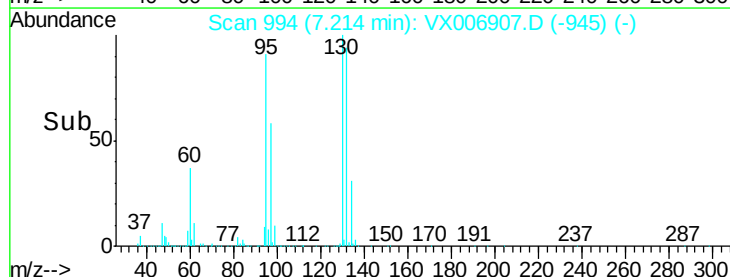
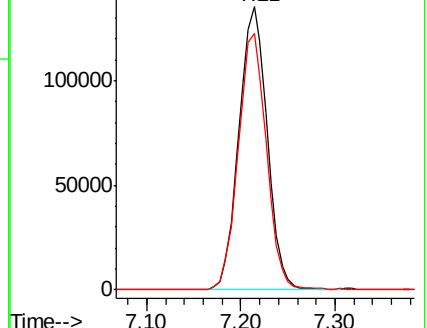
130 100

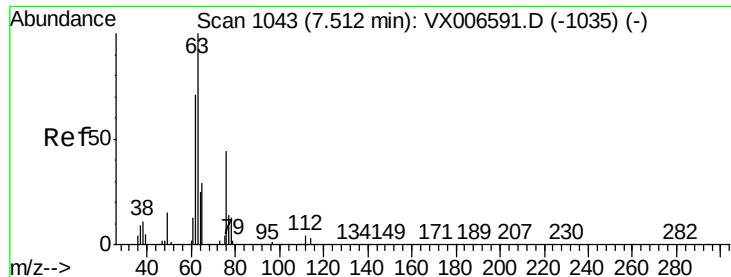
95 90.8 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006907.D (-945) (-)

Ion 94.90 (94.60 to 95.60): VX006907.D (-945) (-)

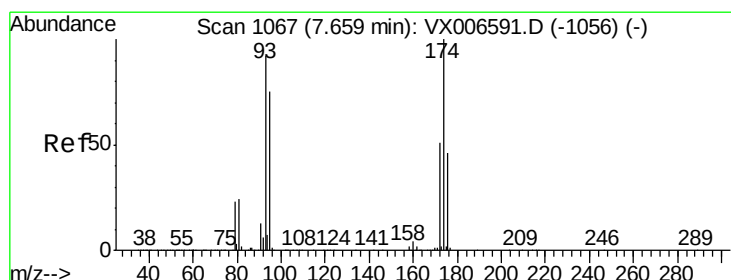
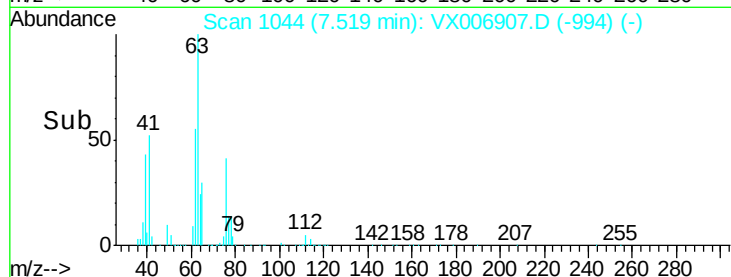
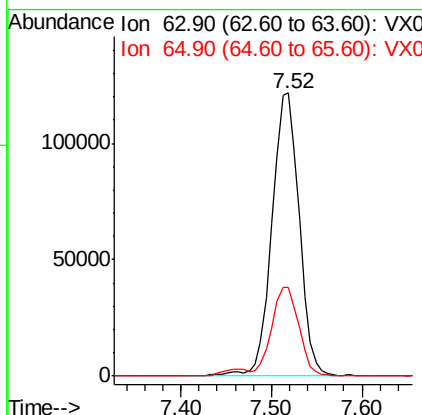
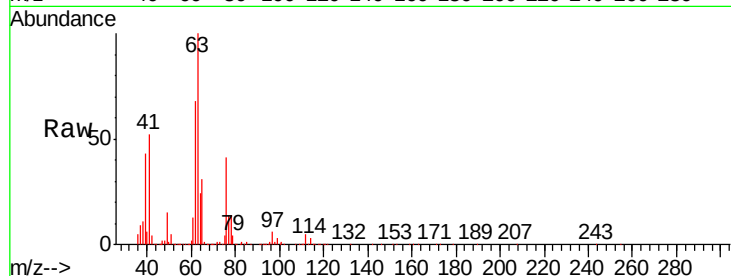




#45
 1,2-Dichloropropane
 Concen: 51.588 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

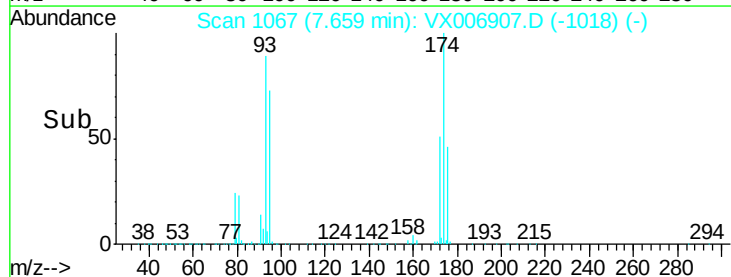
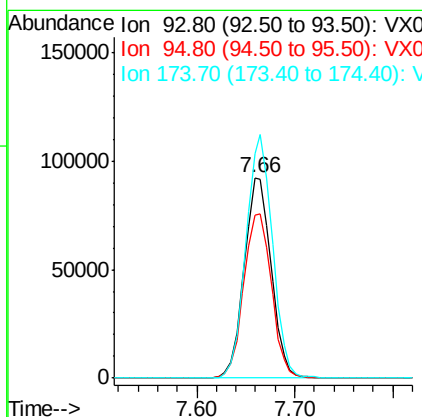
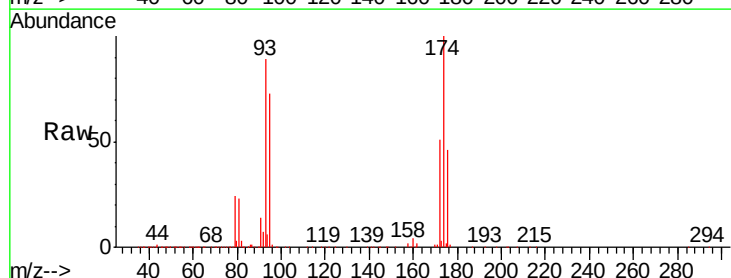
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

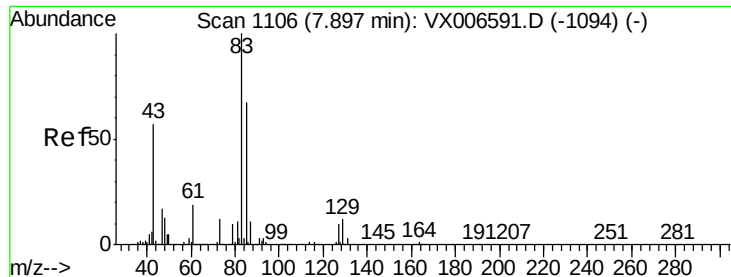
Tgt Ion: 63 Resp: 253543
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.4 38.0



#46
 Dibromomethane
 Concen: 49.170 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion: 93 Resp: 177752
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.2 99.4
 174 118.9 91.0 136.4





#47

Bromodichloromethane

Concen: 52.567 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

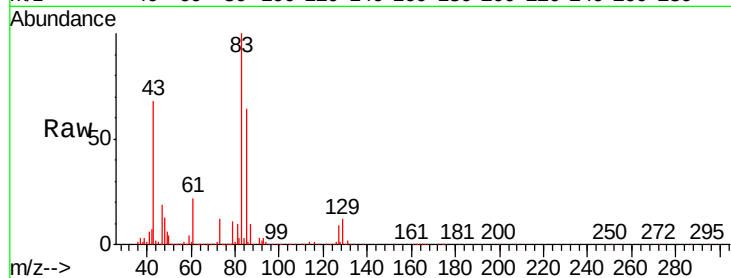
Tgt Ion: 83 Resp: 315497

Ion Ratio Lower Upper

83 100

85 64.4 53.2 79.8

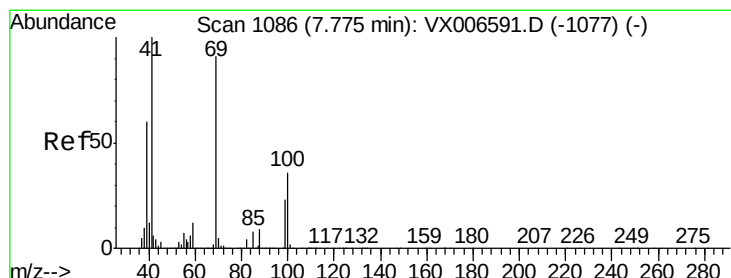
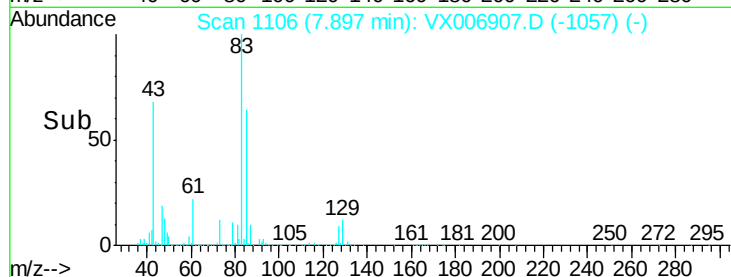
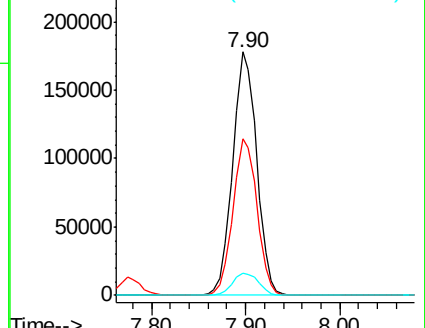
127 9.2 7.8 11.6



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: 54.849 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

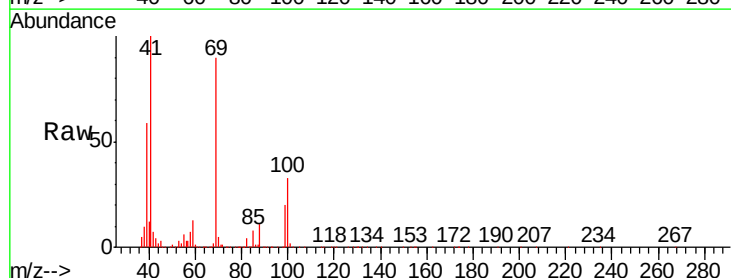
Tgt Ion: 41 Resp: 293487

Ion Ratio Lower Upper

41 100

69 88.0 72.4 108.6

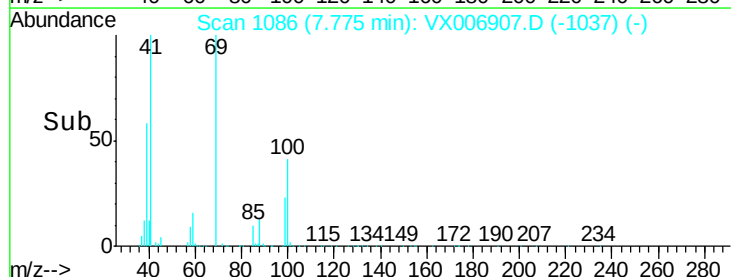
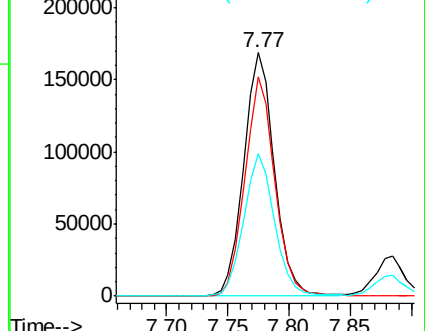
39 58.4 45.8 68.8

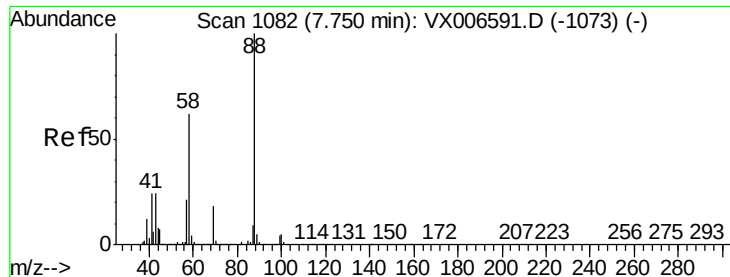


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 892.158 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

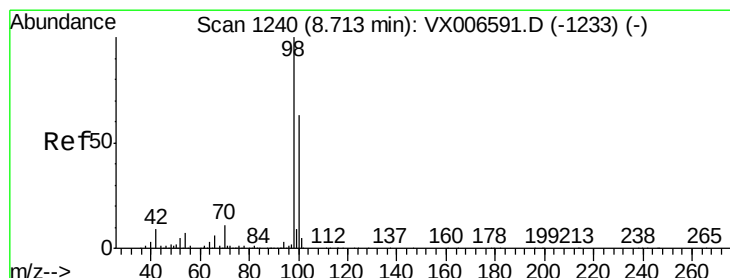
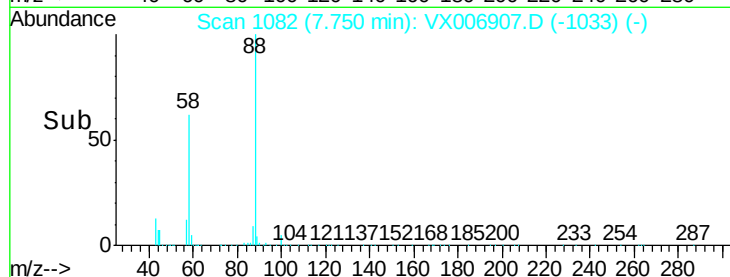
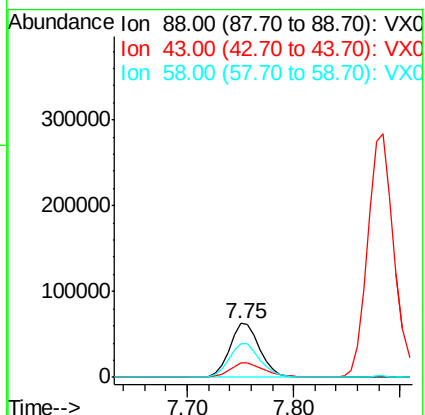
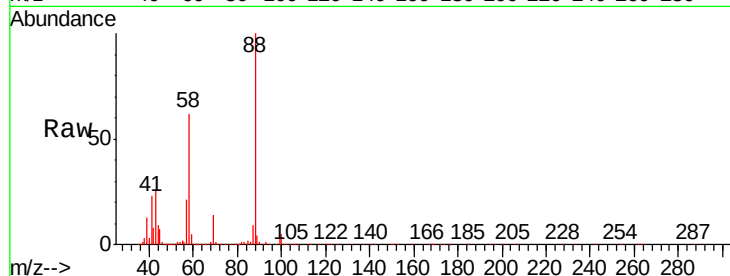
Tgt Ion: 88 Resp: 125203

Ion Ratio Lower Upper

88 100

43 30.1 22.2 33.4

58 64.4 51.0 76.4



#50

Toluene-d8

Concen: 49.667 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006907.D

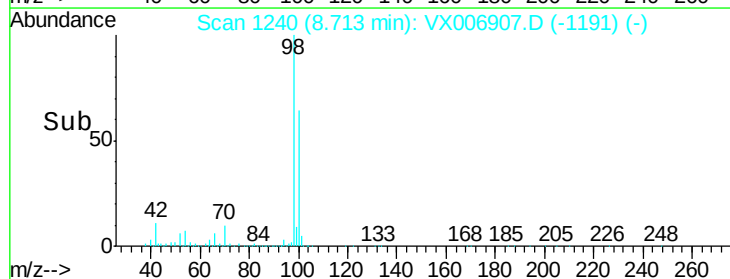
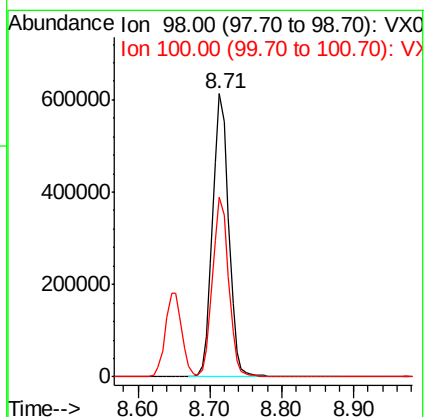
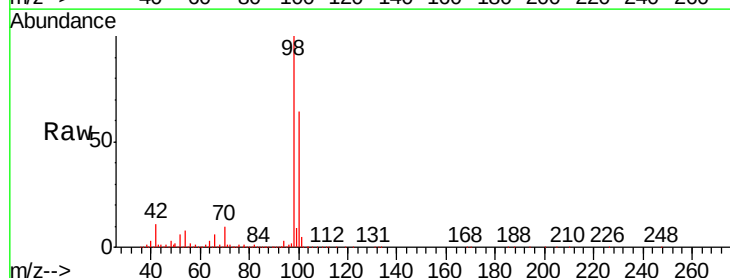
Acq: 03 Jan 2019 20:45

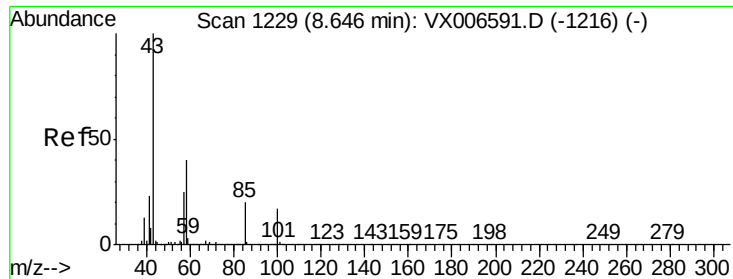
Tgt Ion: 98 Resp: 949923

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

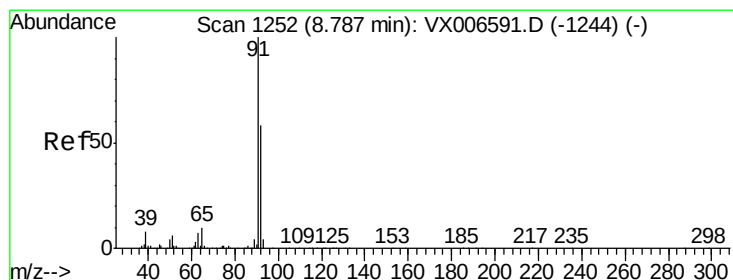
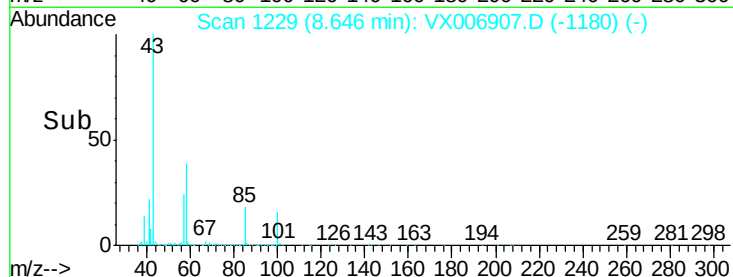
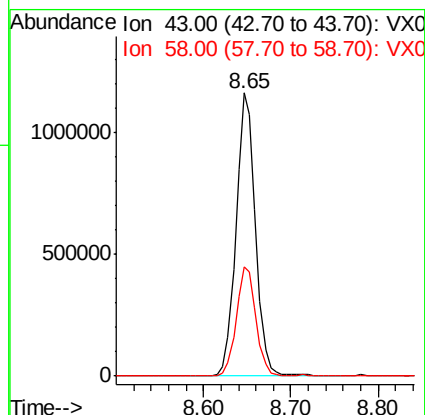
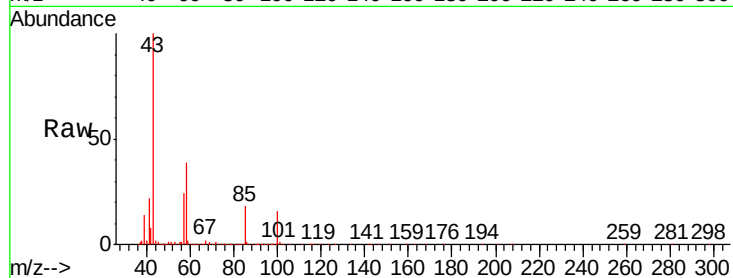




#51
 4-Methyl-2-Pentanone
 Concen: 269.577 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

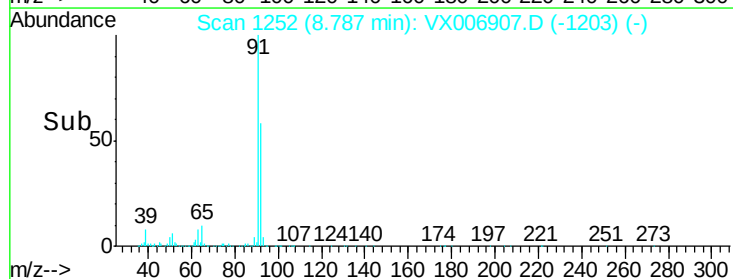
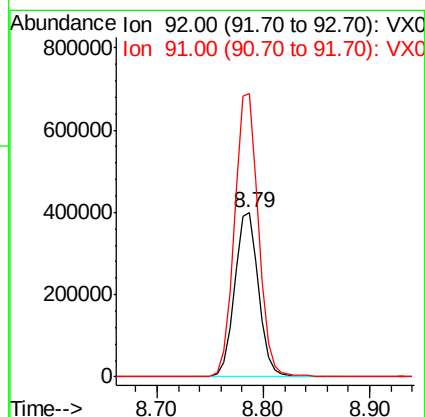
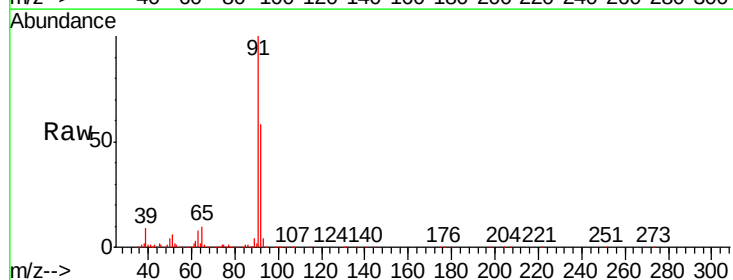
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

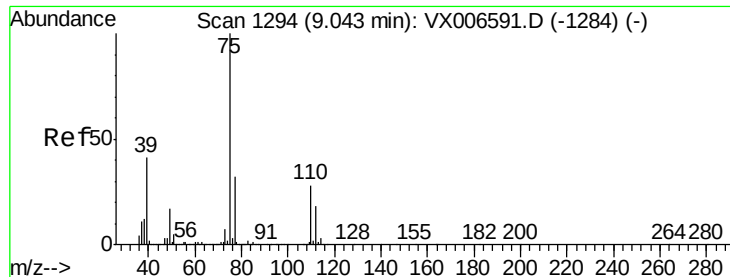
Tgt Ion: 43 Resp: 1804790
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.8 47.6



#52
 Toluene
 Concen: 48.333 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion: 92 Resp: 630632
 Ion Ratio Lower Upper
 92 100
 91 172.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.173 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

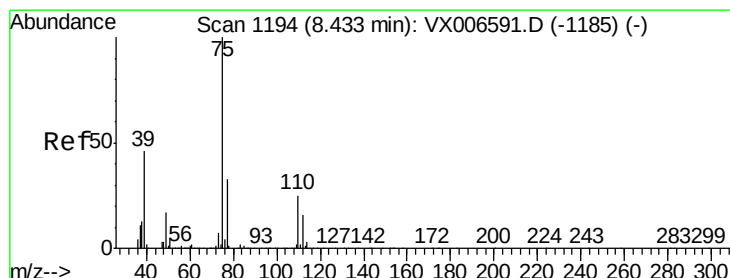
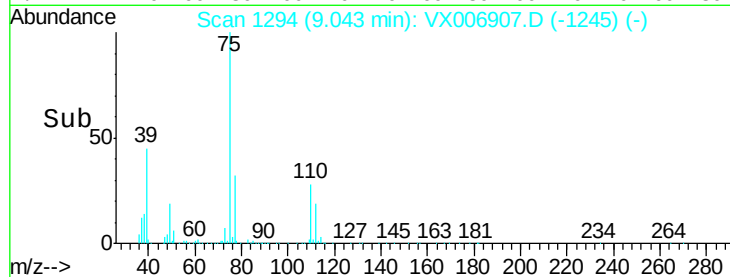
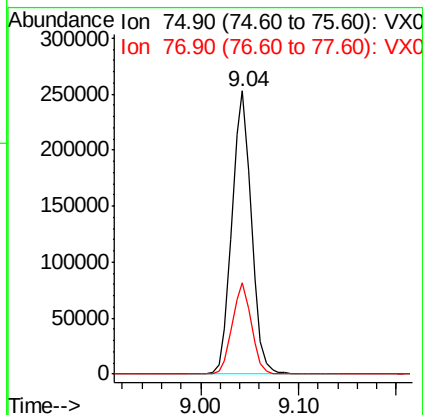
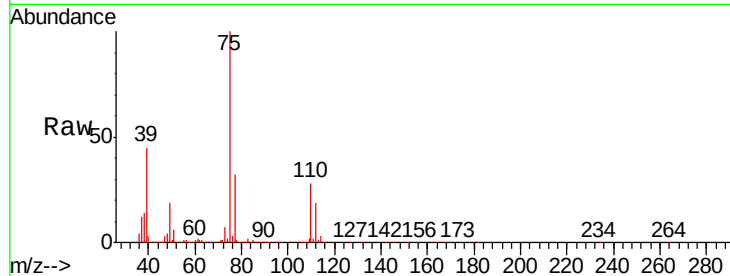
VSTDCCC050EC

Tgt Ion: 75 Resp: 348701

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 53.656 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

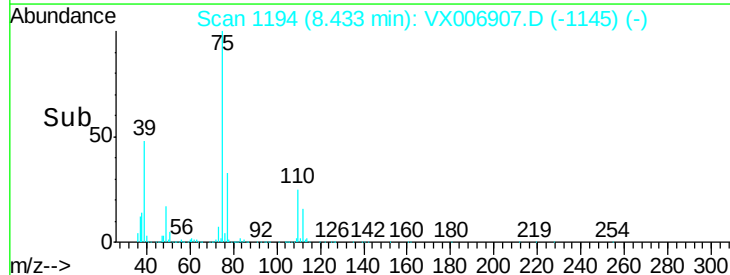
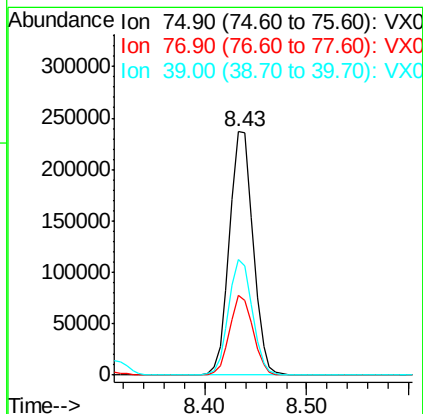
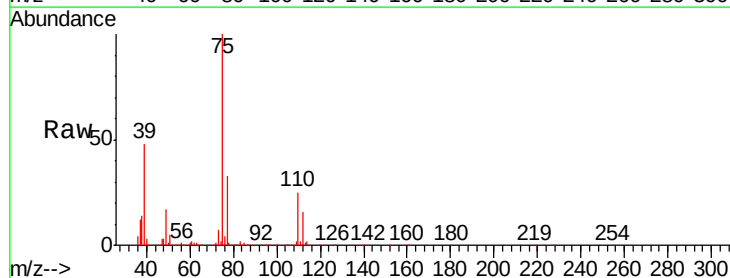
Tgt Ion: 75 Resp: 378961

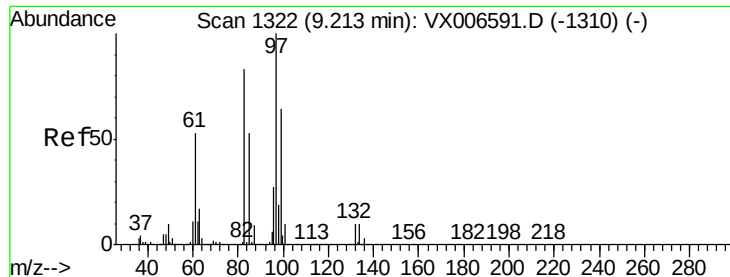
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

39 47.6 36.7 55.1

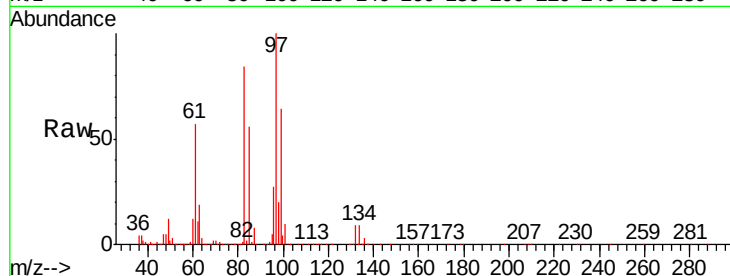




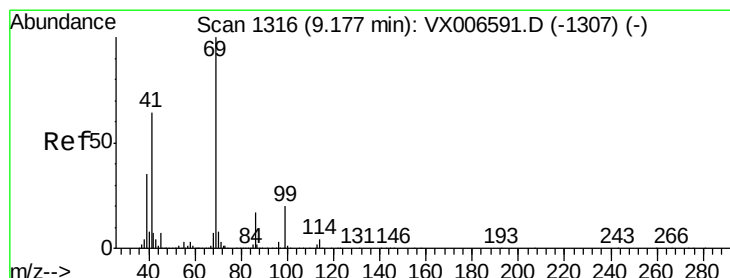
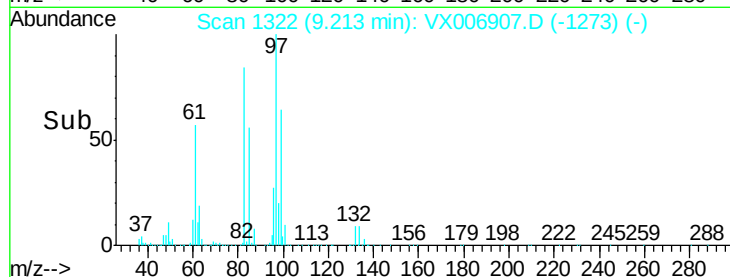
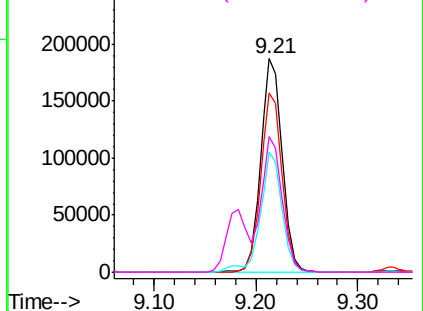
#55
 1,1,2-Trichloroethane
 Concen: 51.612 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	275641
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.6	99.8
85	56.1	42.7	64.1
99	63.7	50.8	76.2

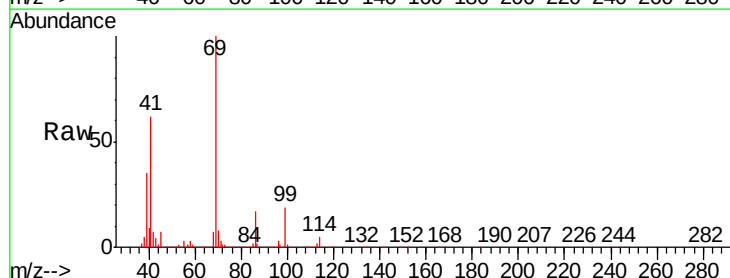


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

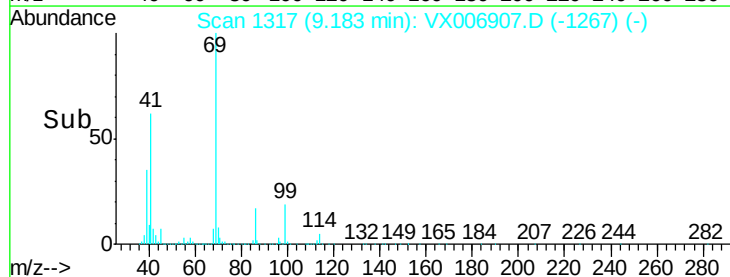
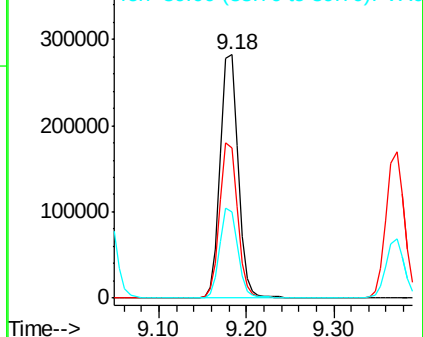


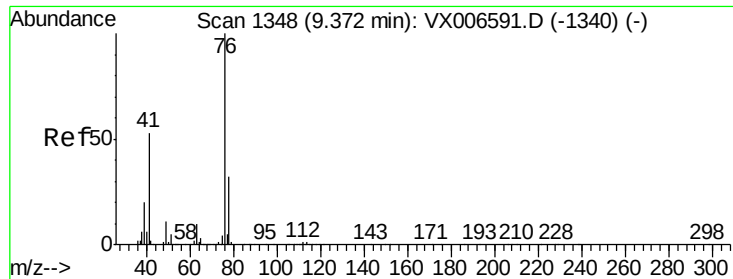
#56
 Ethyl methacrylate
 Concen: 53.257 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion:	69	Resp:	401997
Ion	Ratio	Lower	Upper
69	100		
41	63.2	48.7	73.1
39	36.4	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

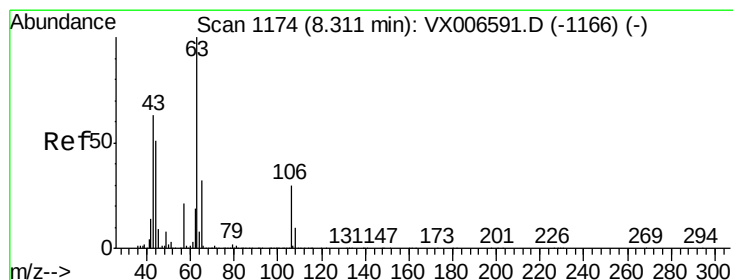
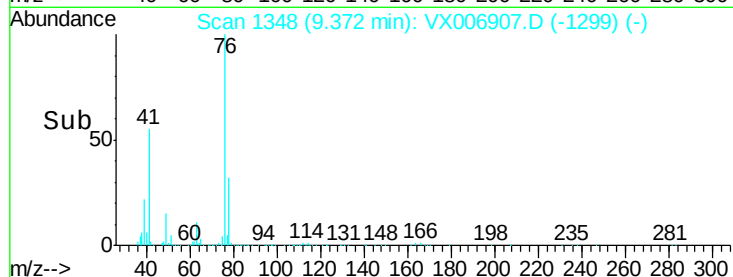
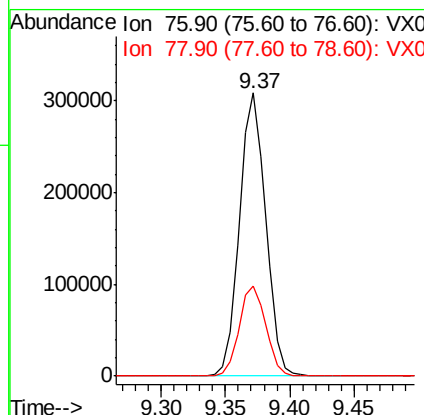
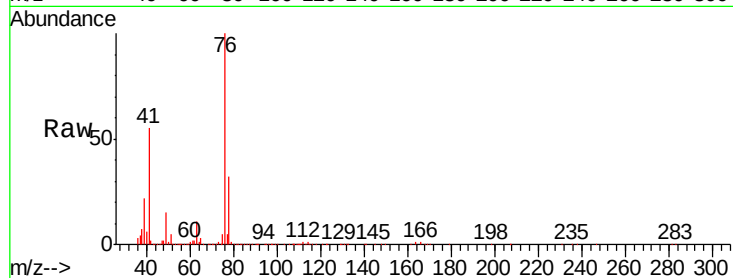




#57
 1,3-Dichloropropane
 Concen: 50.649 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

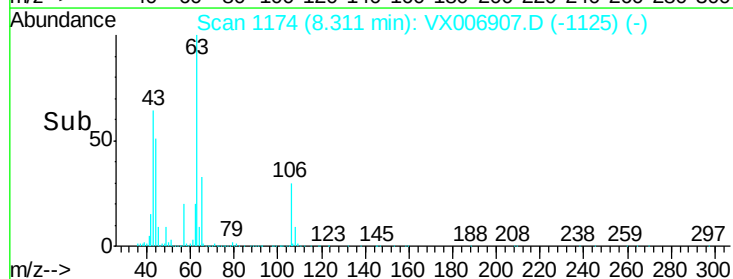
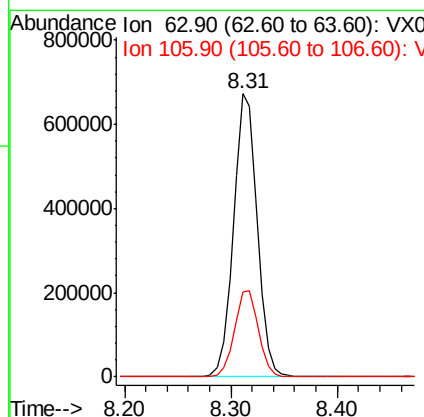
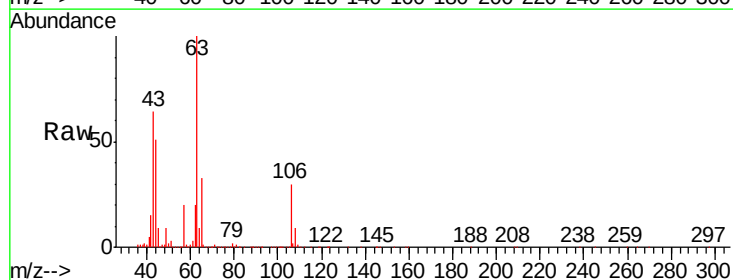
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

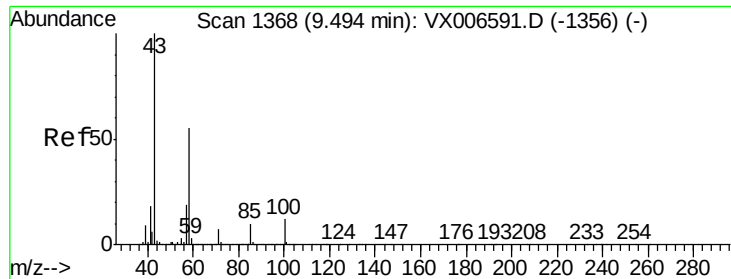
Tgt Ion: 76 Resp: 435199
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 260.516 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion: 63 Resp: 1045295
 Ion Ratio Lower Upper
 63 100
 106 31.0 24.6 36.8

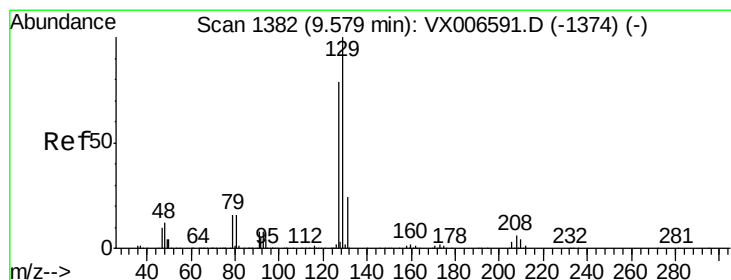
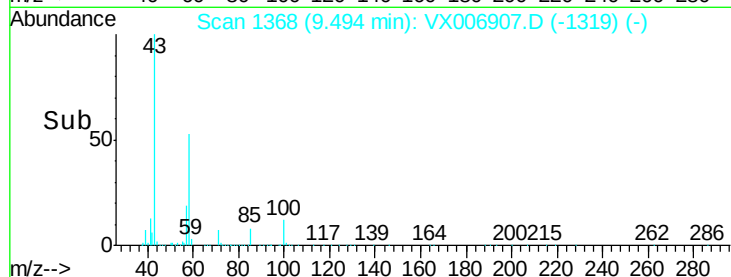
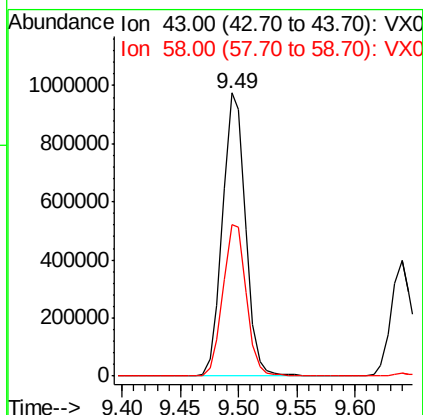
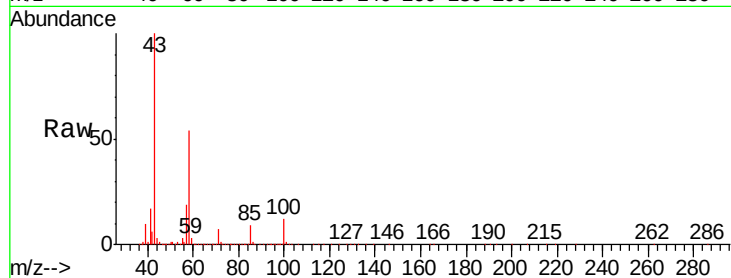




#59
2-Hexanone
Concen: 259.931 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

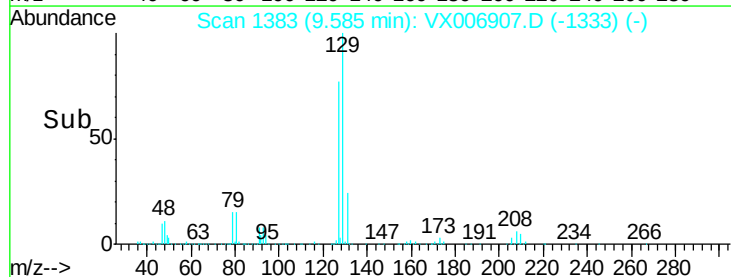
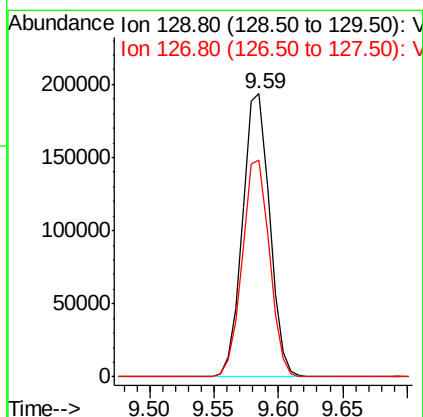
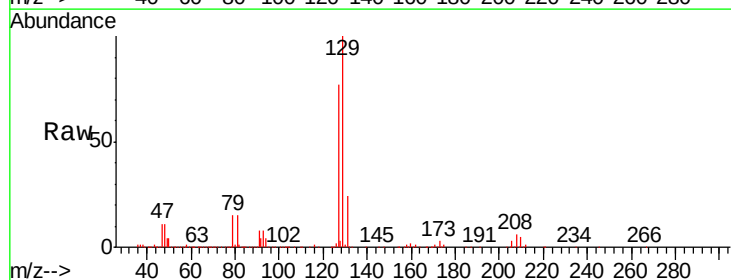
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

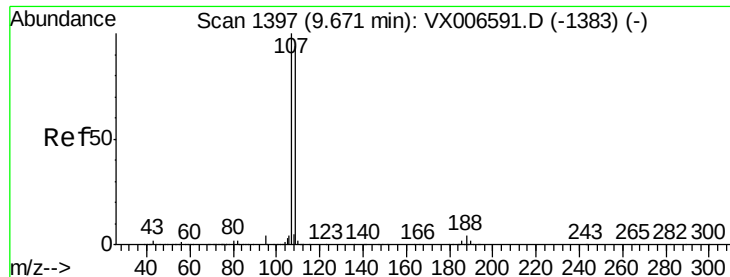
Tgt Ion: 43 Resp: 1331468
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1



#60
Dibromochloromethane
Concen: 50.287 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 129 Resp: 280963
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8

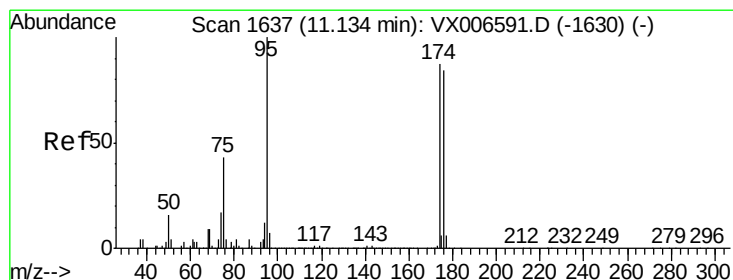
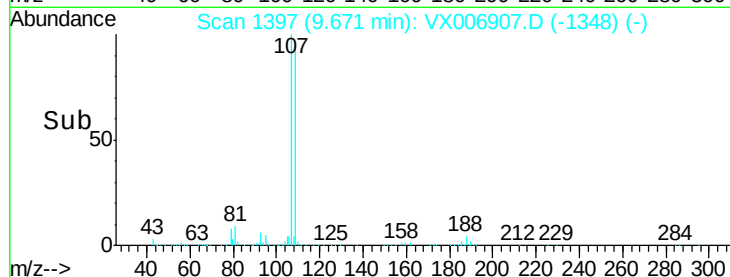
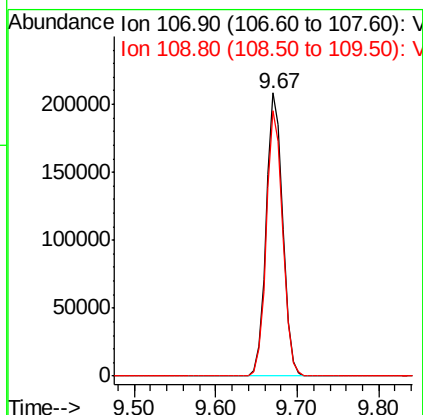
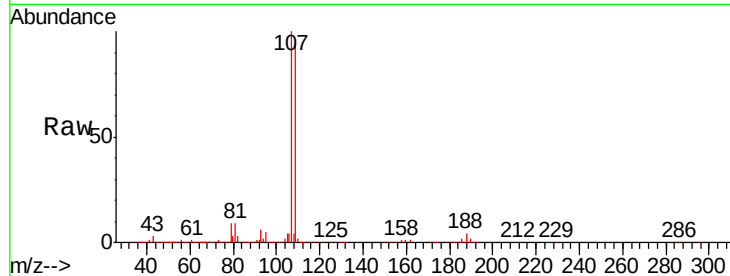




#61
 1,2-Dibromoethane
 Concen: 51.803 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

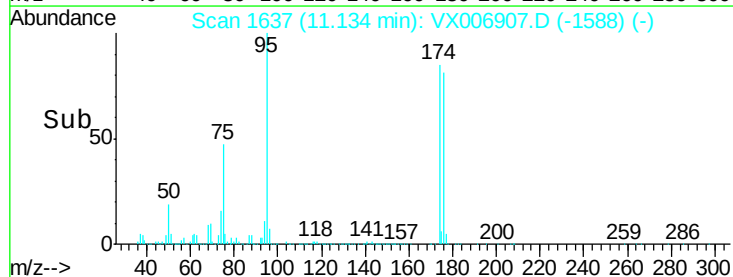
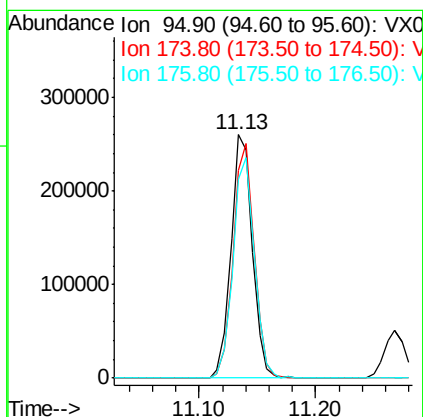
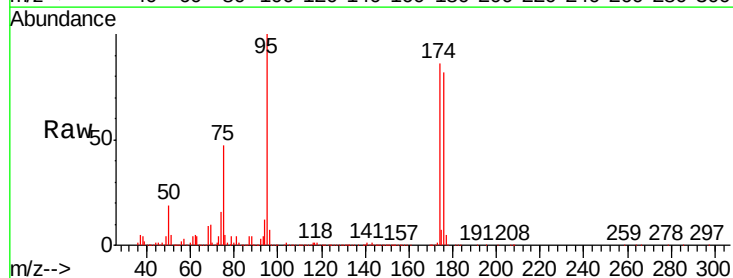
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

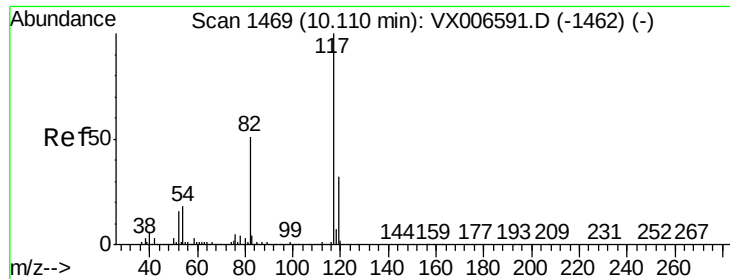
Tgt Ion: 107 Resp: 294100
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 47.583 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion: 95 Resp: 333303
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 182.2
 176 91.1 0.0 178.8

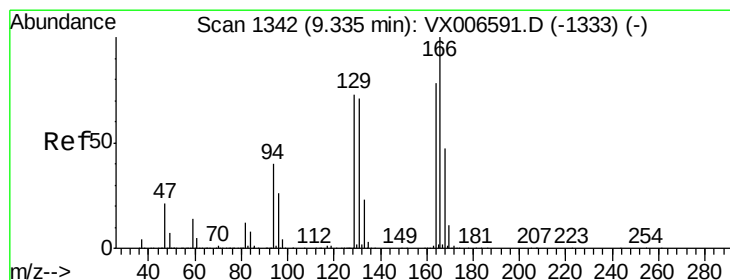
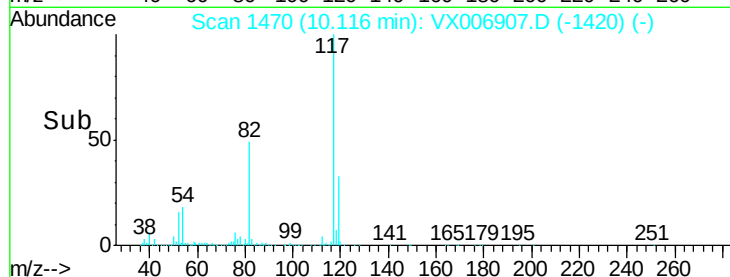
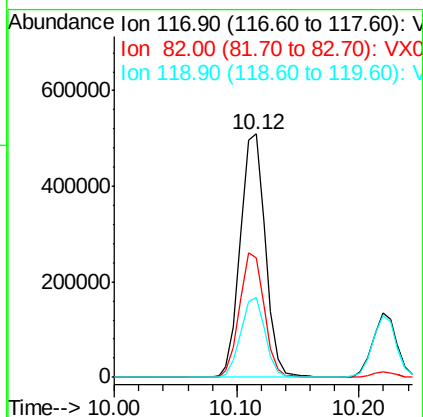
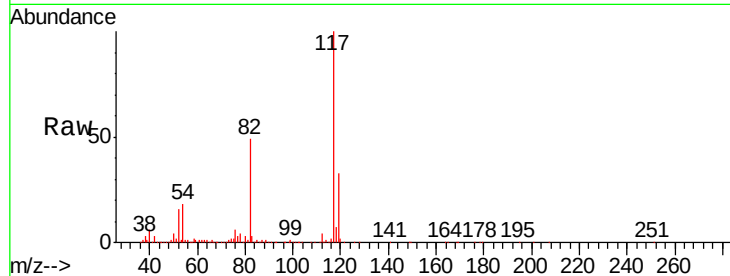




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

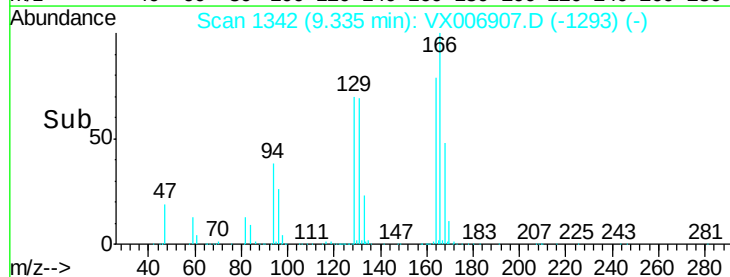
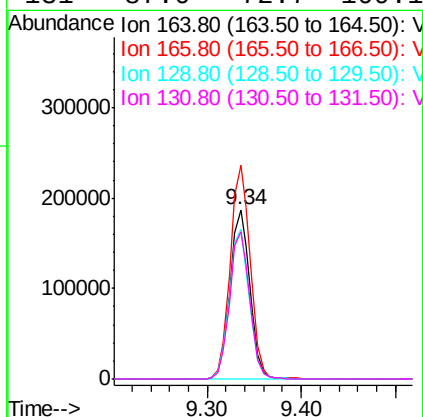
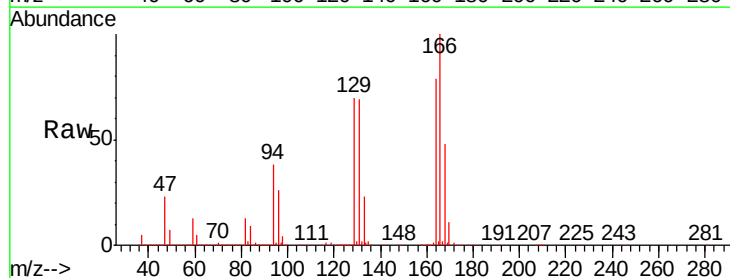
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

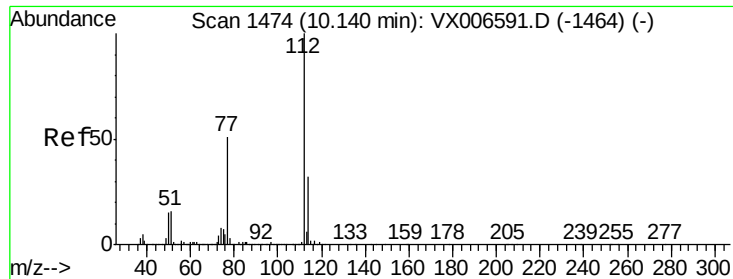
Tgt Ion:117 Resp: 720914
Ion Ratio Lower Upper
117 100
82 49.1 41.0 61.6
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 48.178 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion:164 Resp: 275024
Ion Ratio Lower Upper
164 100
166 126.2 102.5 153.7
129 88.6 75.1 112.7
131 87.0 72.7 109.1





#65

Chlorobenzene

Concen: 48.582 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

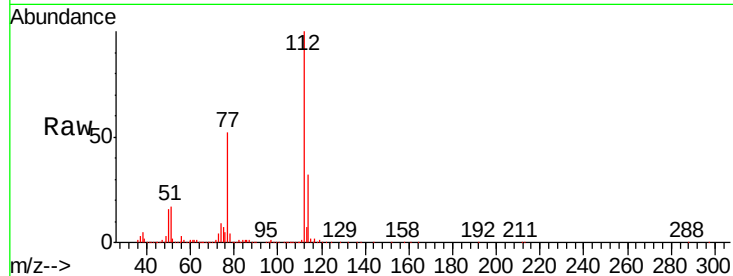
VSTDCCC050EC

Tgt Ion:112 Resp: 740949

Ion Ratio Lower Upper

112 100

114 32.2 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

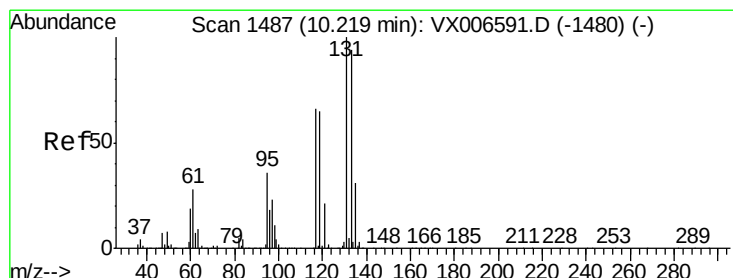
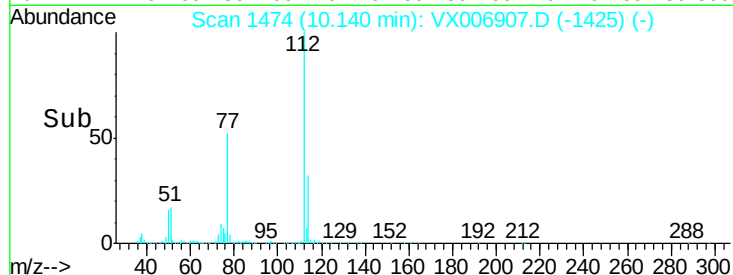
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 56.268 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

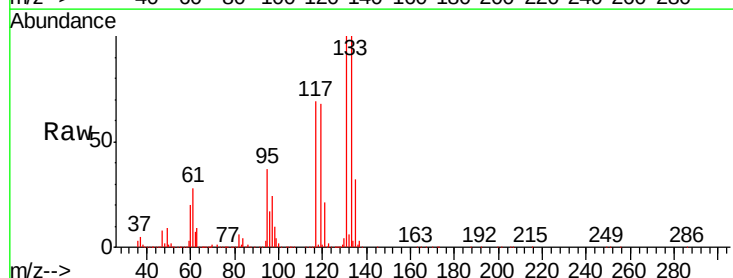
Tgt Ion:131 Resp: 267750

Ion Ratio Lower Upper

131 100

133 97.5 48.0 144.2

119 65.1 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

10.22

250000

200000

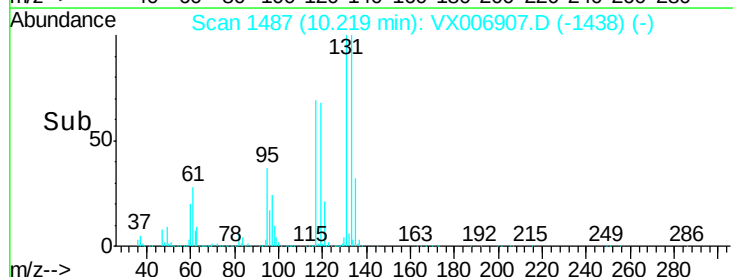
150000

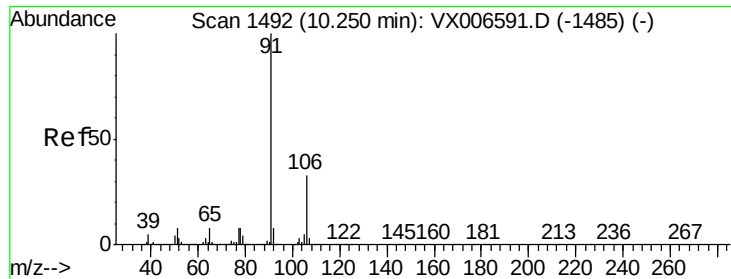
100000

50000

0

Time--> 10.15 10.20 10.25 10.30





#67

Ethyl Benzene

Concen: 48.235 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

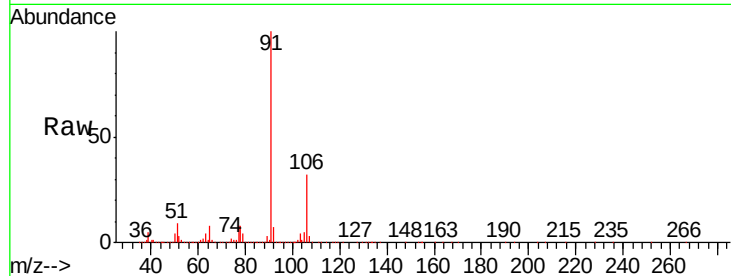
VSTDCCC050EC

Tgt Ion: 91 Resp: 1202109

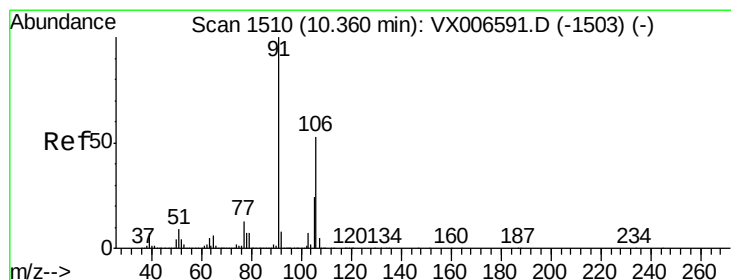
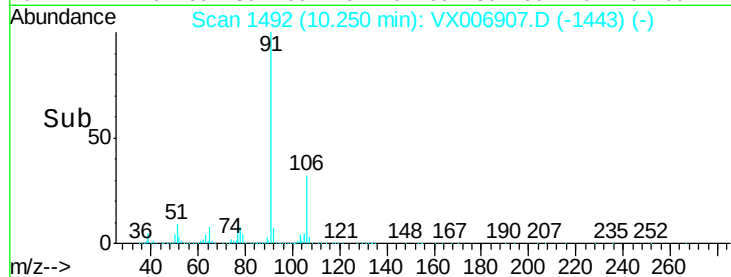
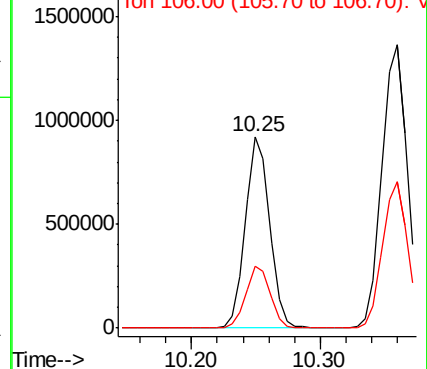
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0



#68

m/p-Xylenes

Concen: 96.832 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006907.D

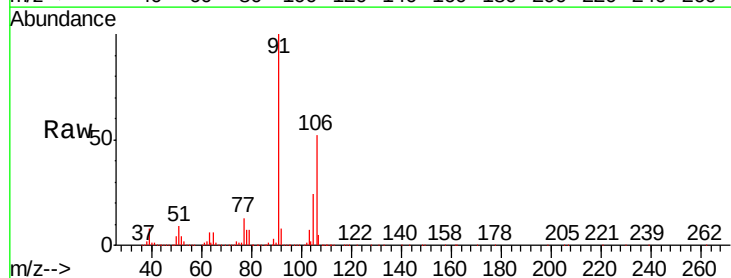
Acq: 03 Jan 2019 20:45

Tgt Ion: 106 Resp: 952266

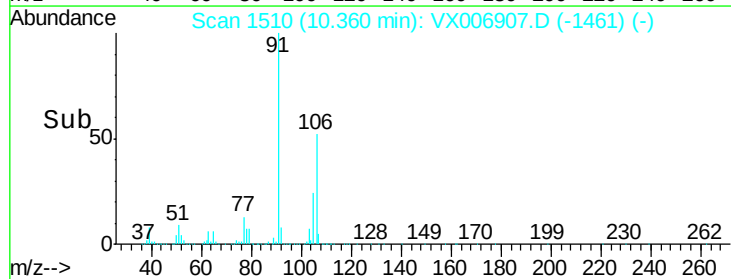
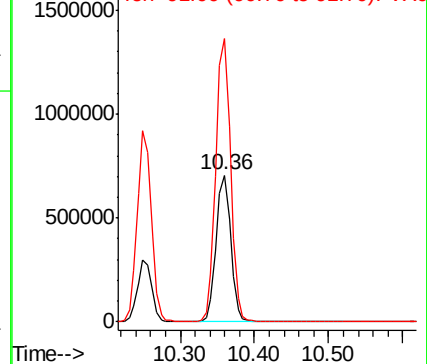
Ion Ratio Lower Upper

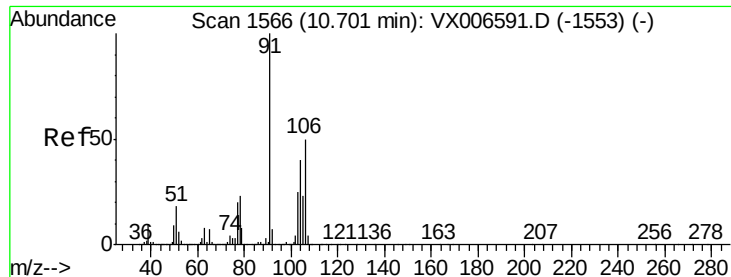
106 100

91 195.6 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

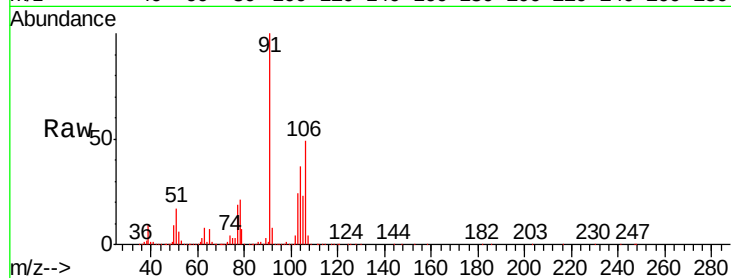




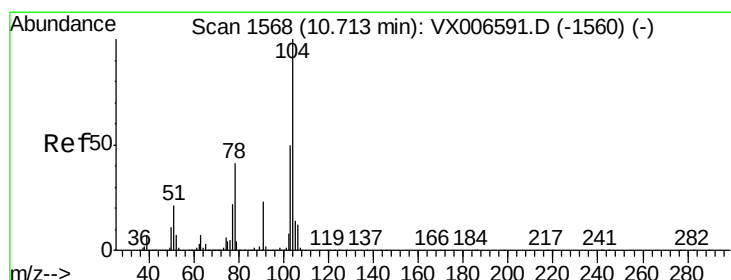
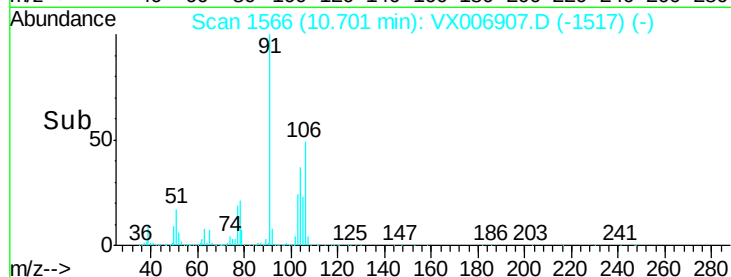
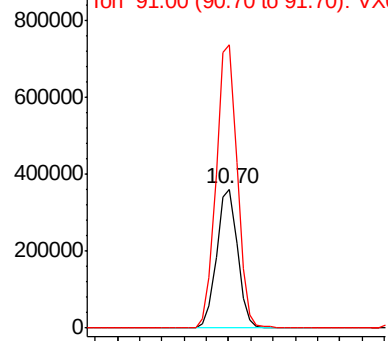
#69
o-Xylene
Concen: 48.735 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 473263
Ion Ratio Lower Upper
106 100
91 205.4 101.3 303.7

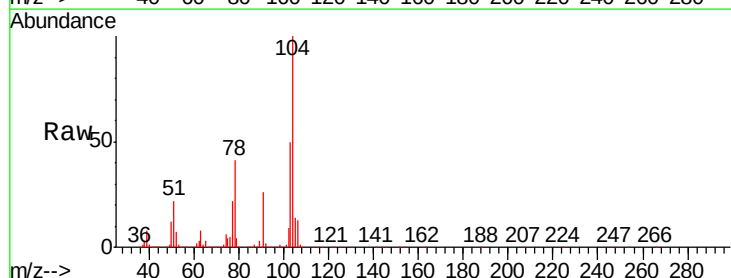


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

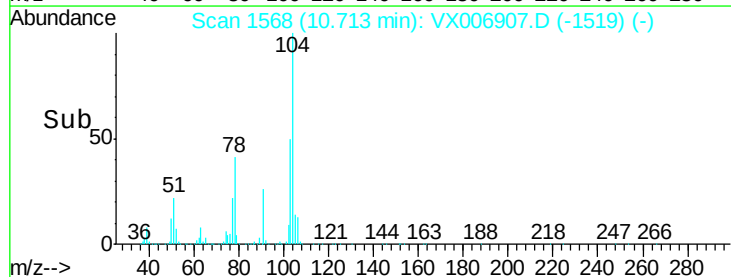
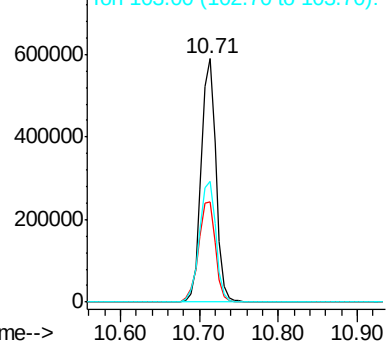


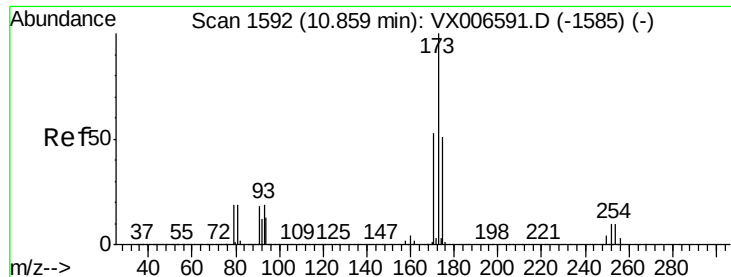
#70
Styrene
Concen: 49.945 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion:104 Resp: 767331
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 55.1 43.8 65.8



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





#71

Bromoform

Concen: 48.453 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

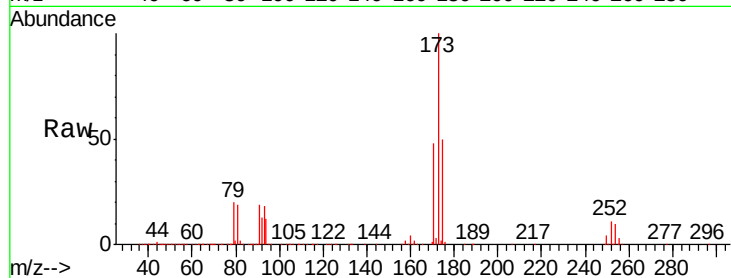
Tgt Ion:173 Resp: 207320

Ion Ratio Lower Upper

173 100

175 48.9 24.7 74.1

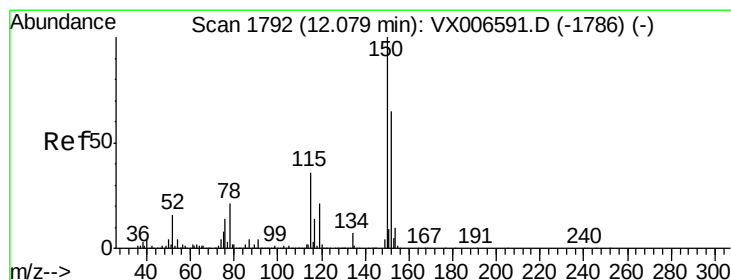
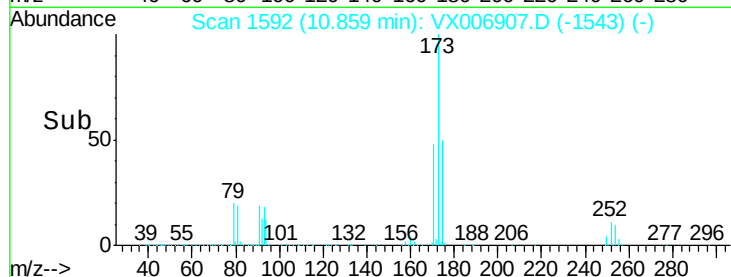
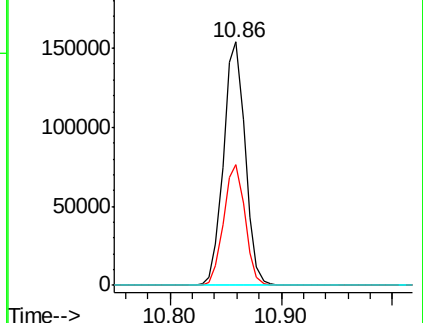
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

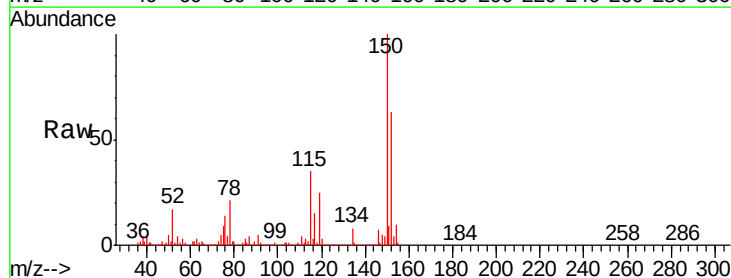
Tgt Ion:152 Resp: 371017

Ion Ratio Lower Upper

152 100

115 76.4 39.1 117.2

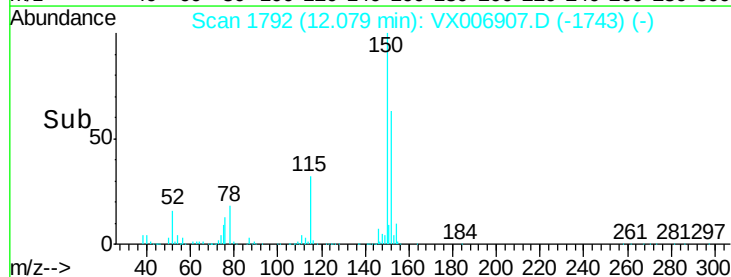
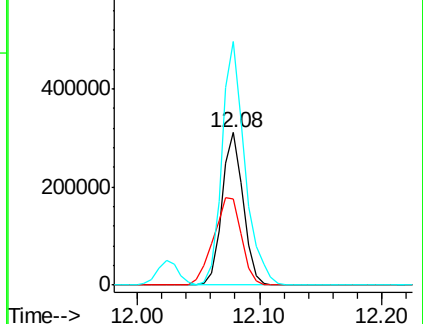
150 173.6 0.0 344.8

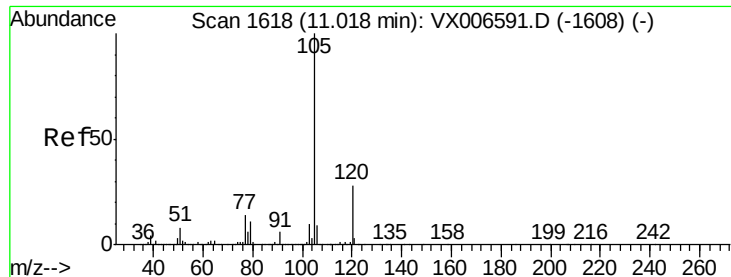


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.635 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

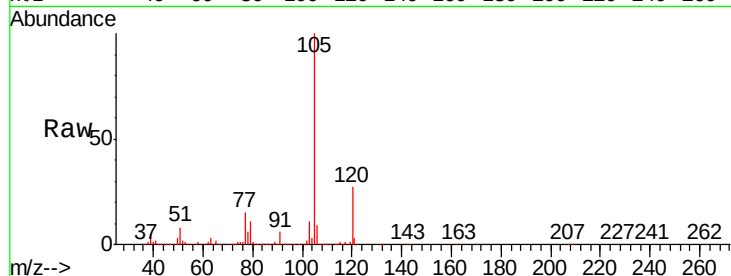
VSTDCCC050EC

Tgt Ion:105 Resp: 1234463

Ion Ratio Lower Upper

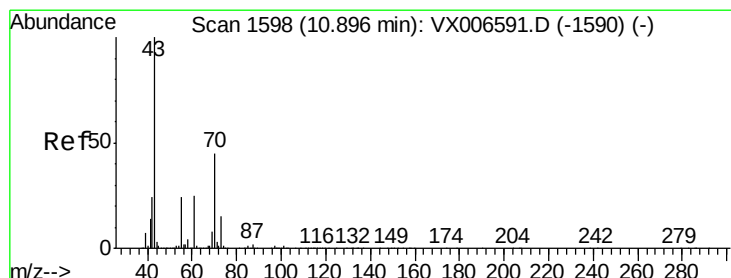
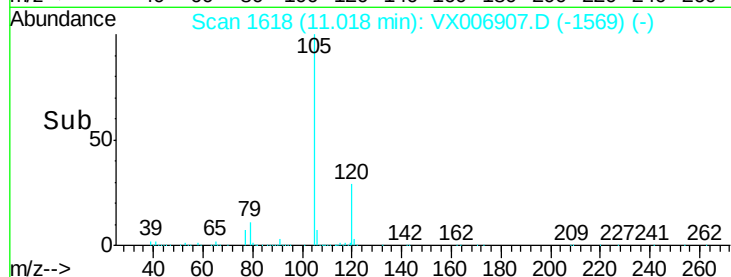
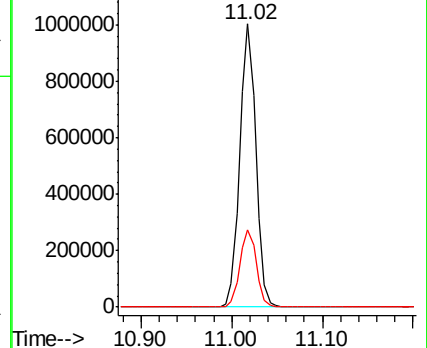
105 100

120 28.1 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: 56.473 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion: 43 Resp: 513071

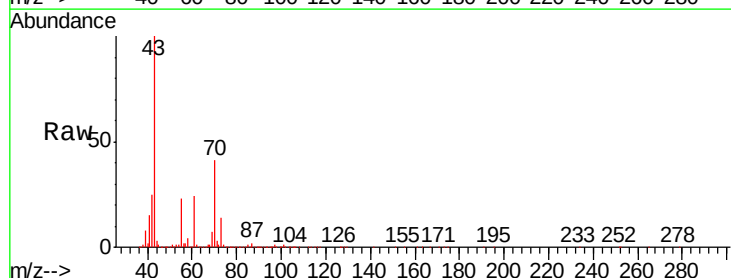
Ion Ratio Lower Upper

43 100

70 43.1 35.8 53.8

55 23.9 19.4 29.0

61 24.6 20.1 30.1

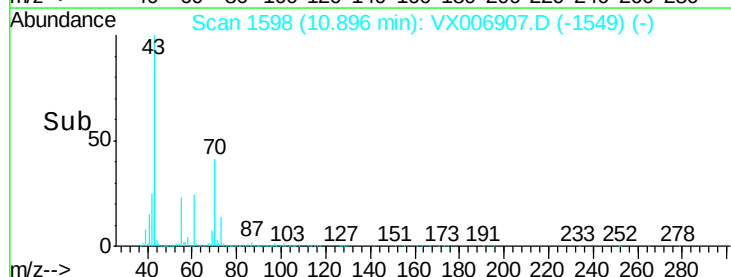
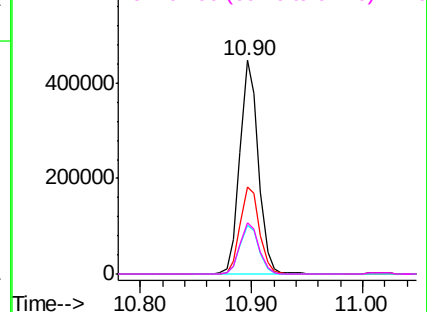


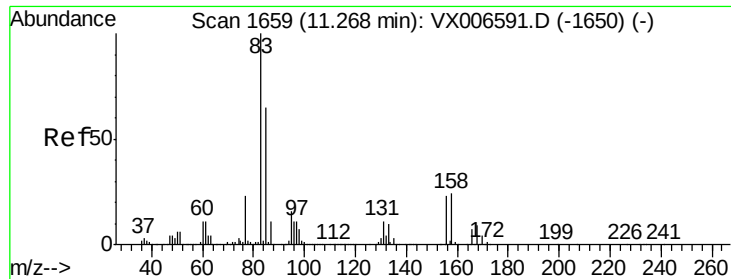
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 53.255 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

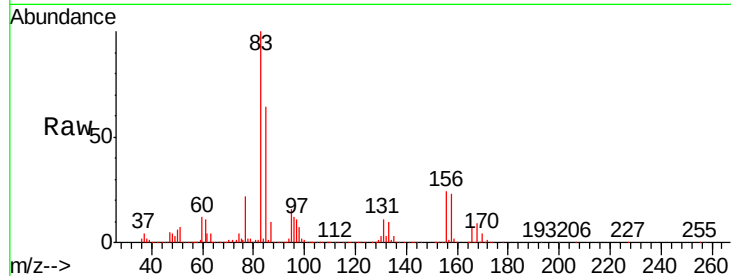
Tgt Ion: 83 Resp: 402005

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

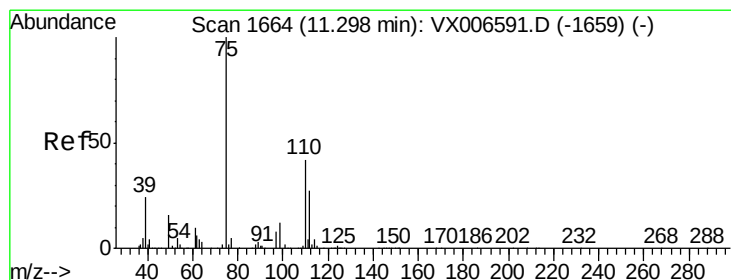
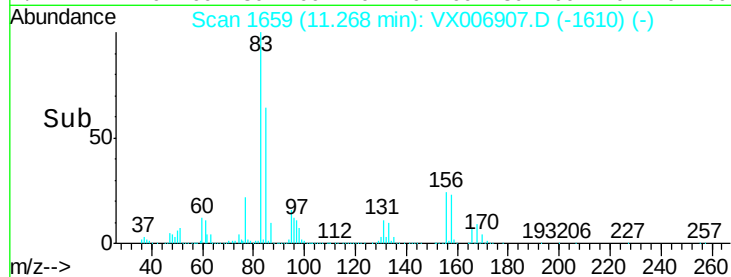
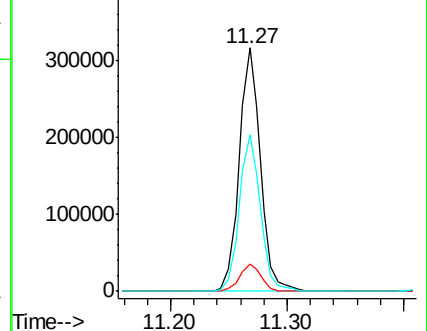
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.612 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006907.D

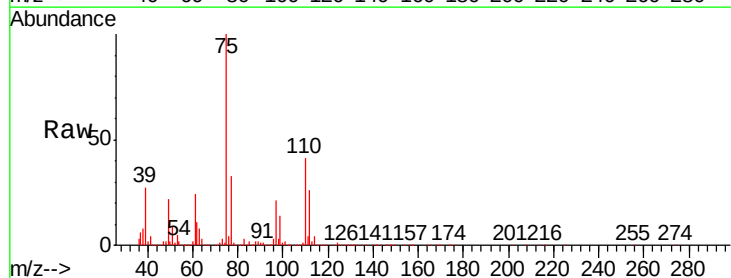
Acq: 03 Jan 2019 20:45

Tgt Ion: 75 Resp: 445502

Ion Ratio Lower Upper

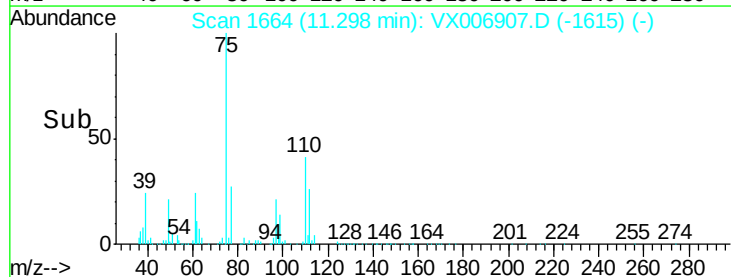
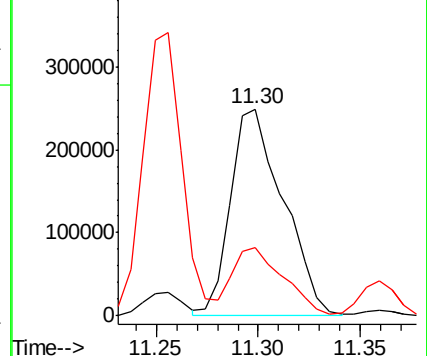
75 100

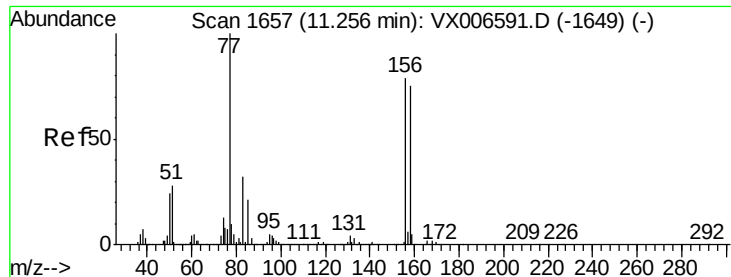
77 31.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.606 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

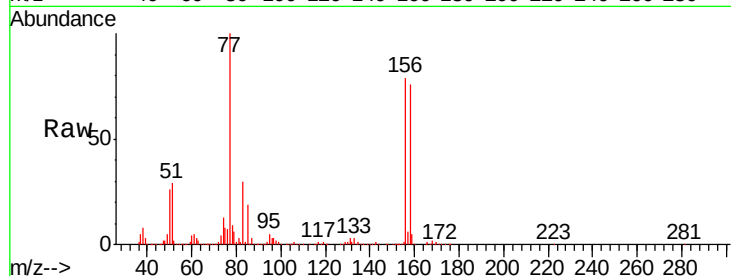
Tgt Ion:156 Resp: 340400

Ion Ratio Lower Upper

156 100

77 133.1 68.0 204.0

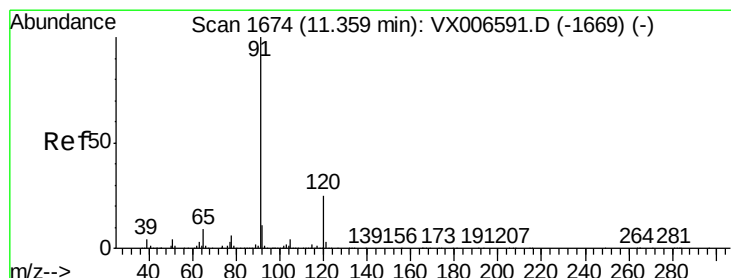
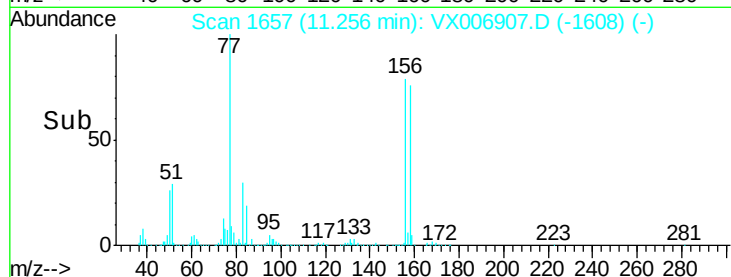
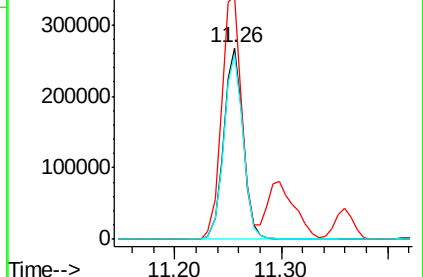
158 96.7 48.3 144.8



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: 48.822 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006907.D

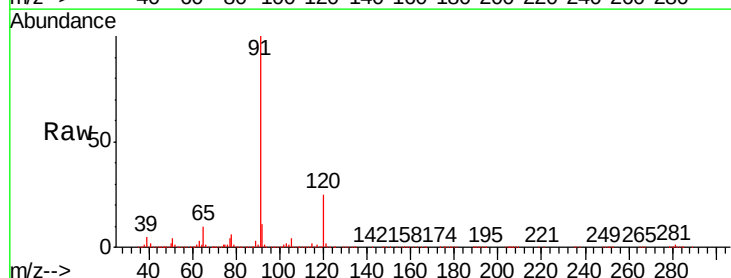
Acq: 03 Jan 2019 20:45

Tgt Ion: 91 Resp: 1364603

Ion Ratio Lower Upper

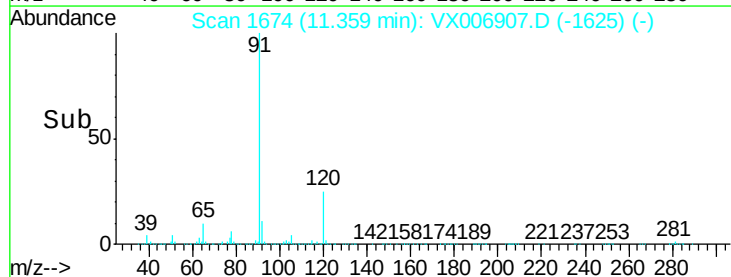
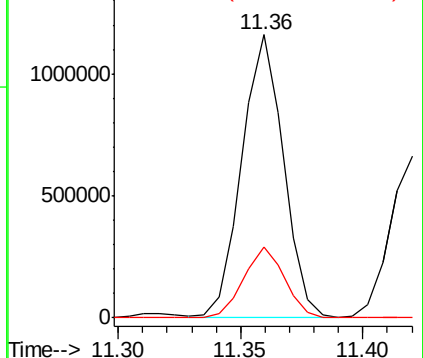
91 100

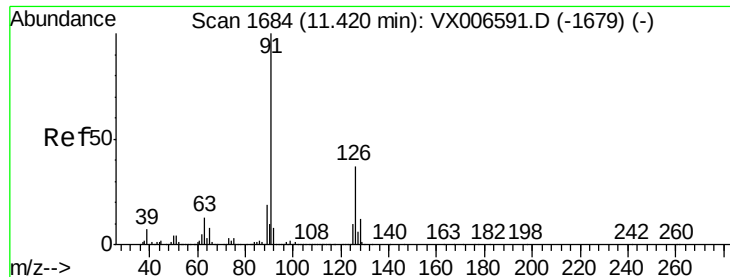
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.510 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

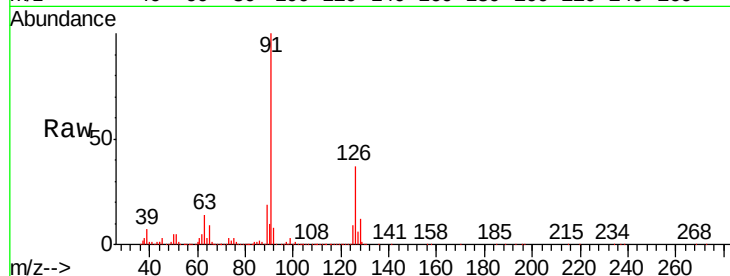
VSTDCCC050EC

Tgt Ion: 91 Resp: 804735

Ion Ratio Lower Upper

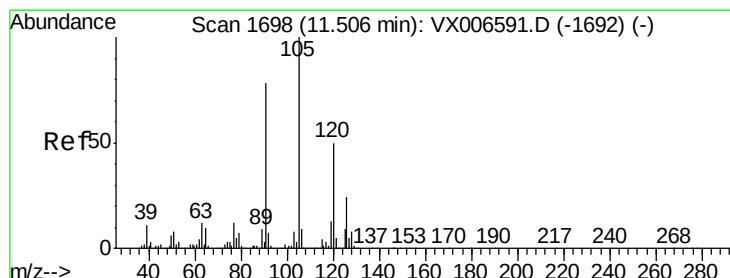
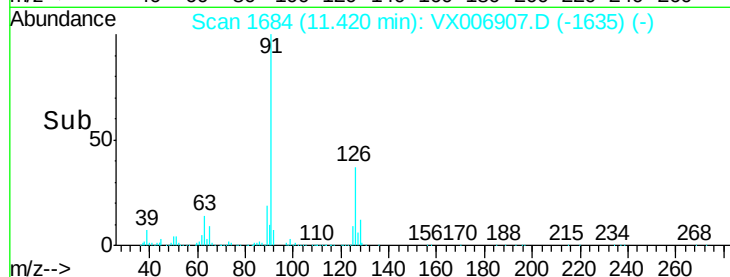
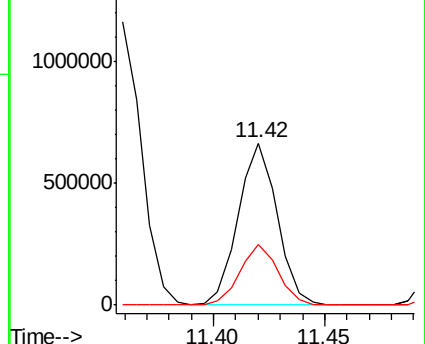
91 100

126 37.2 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.700 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006907.D

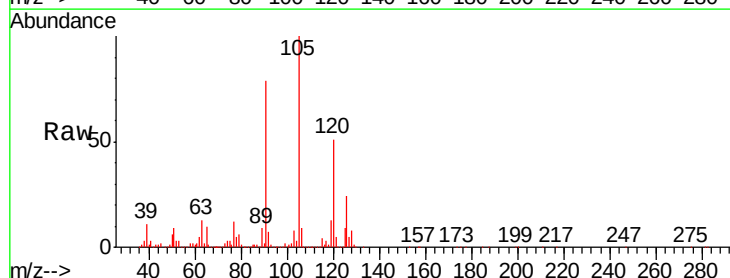
Acq: 03 Jan 2019 20:45

Tgt Ion: 105 Resp: 1018135

Ion Ratio Lower Upper

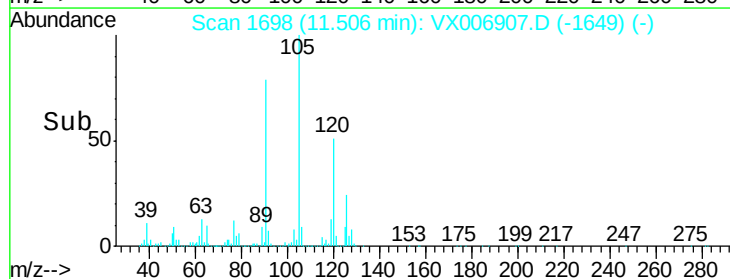
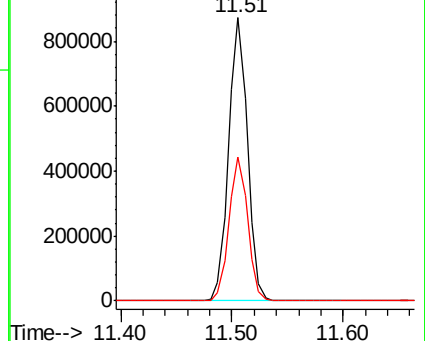
105 100

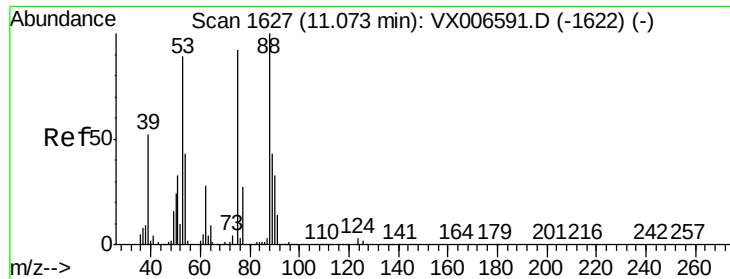
120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 46.413 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

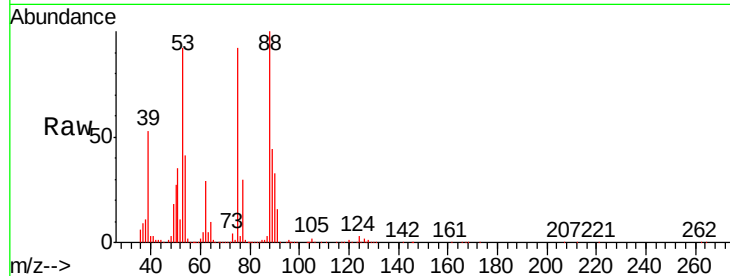
Tgt Ion: 75 Resp: 104405

Ion Ratio Lower Upper

75 100

53 99.7 79.7 119.5

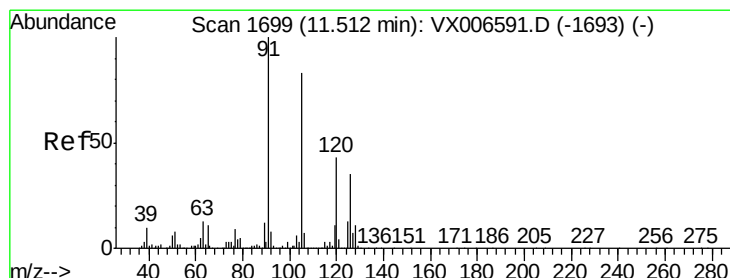
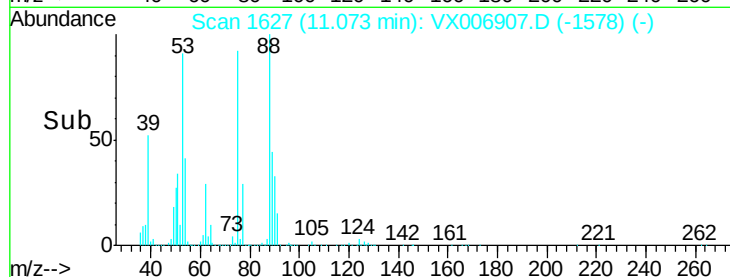
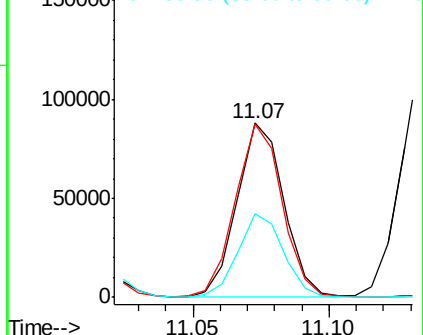
89 47.0 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 48.199 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006907.D

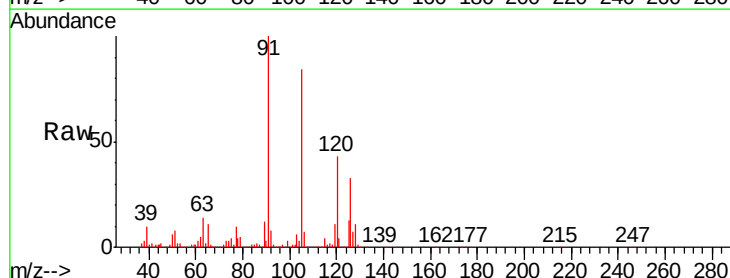
Acq: 03 Jan 2019 20:45

Tgt Ion: 91 Resp: 936479

Ion Ratio Lower Upper

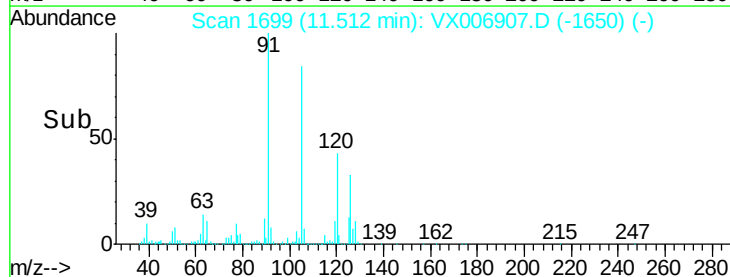
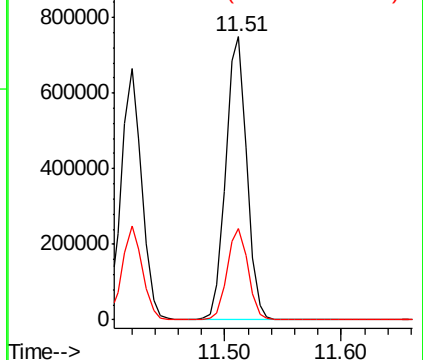
91 100

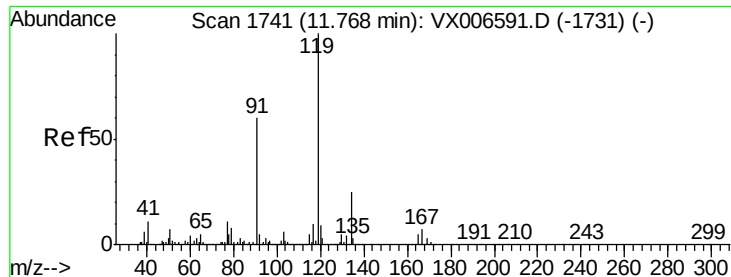
126 32.5 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.670 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

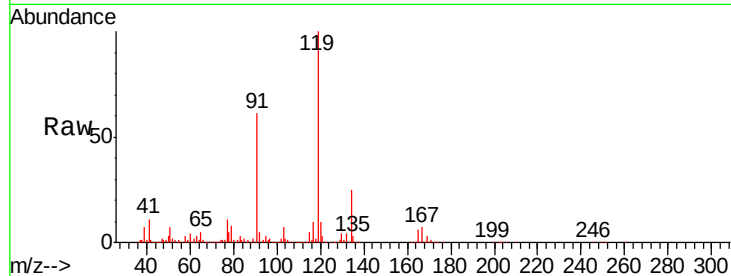
Tgt Ion:119 Resp: 1039289

Ion Ratio Lower Upper

119 100

91 55.3 27.7 83.1

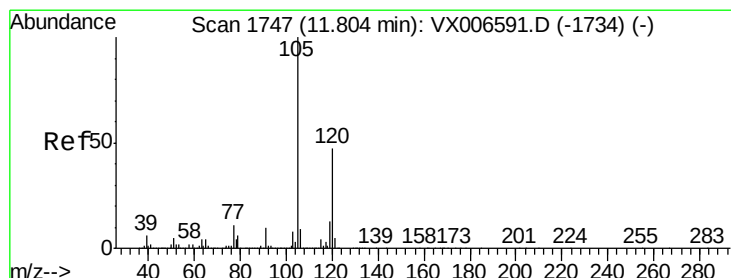
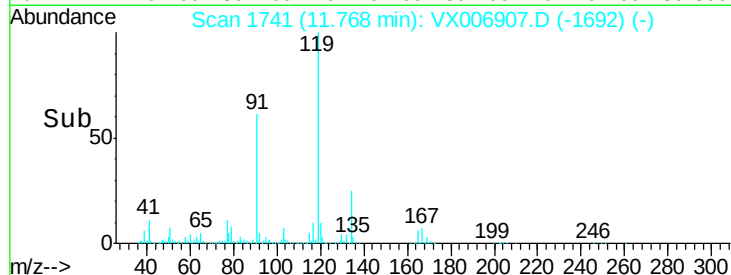
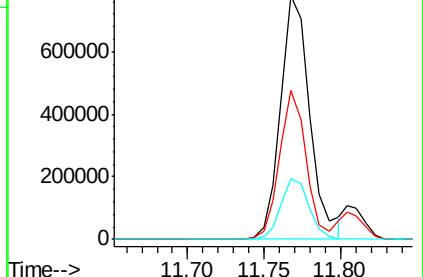
134 24.1 11.9 35.5



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: 47.541 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006907.D

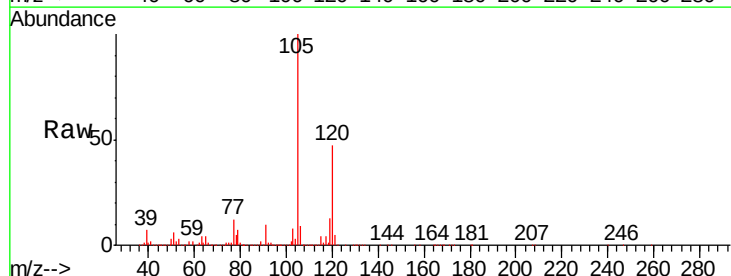
Acq: 03 Jan 2019 20:45

Tgt Ion:105 Resp: 1045418

Ion Ratio Lower Upper

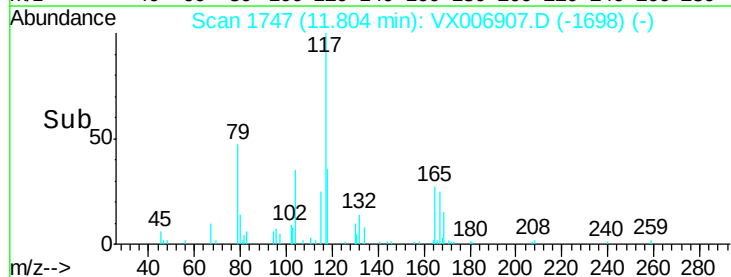
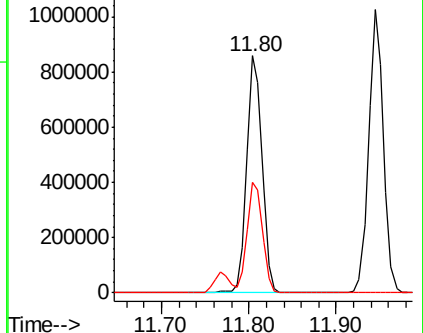
105 100

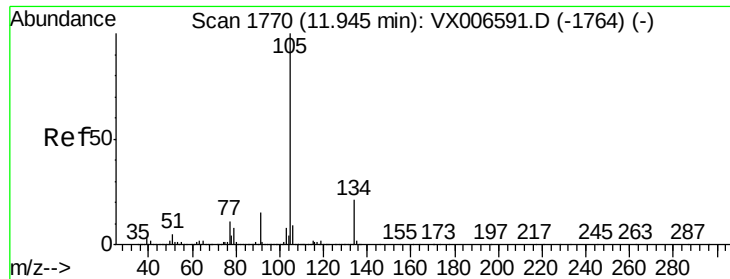
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.232 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

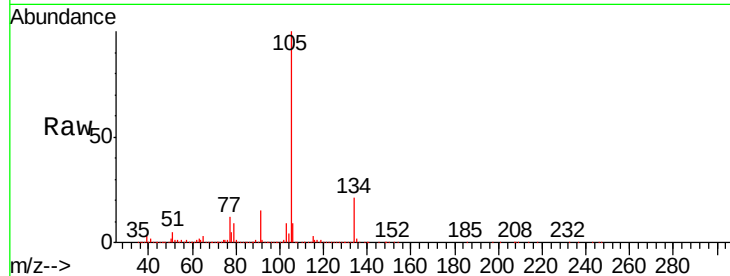
VSTDCCC050EC

Tgt Ion:105 Resp: 1211690

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

1200000

1000000

800000

600000

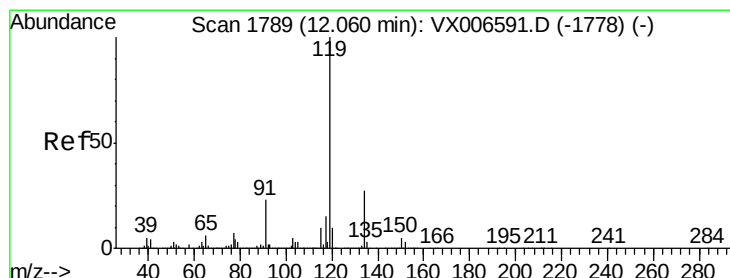
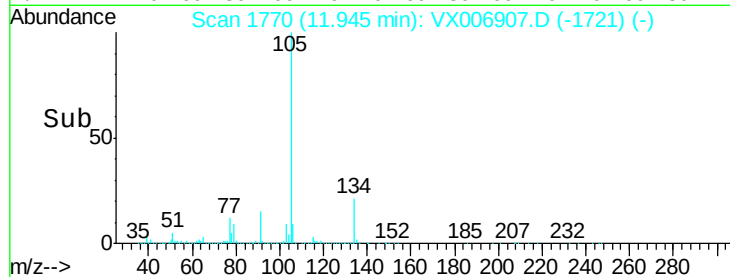
400000

200000

0

11.90 11.94 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.546 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

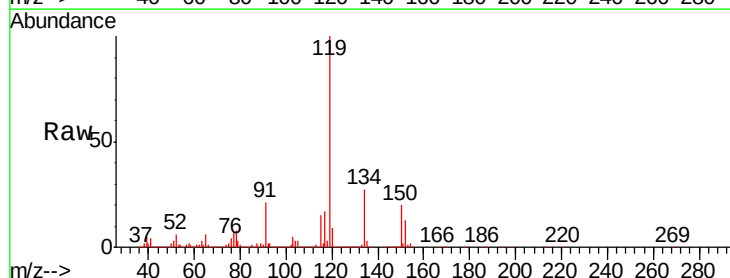
Tgt Ion:119 Resp: 1094742

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.5 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

1200000

1000000

800000

600000

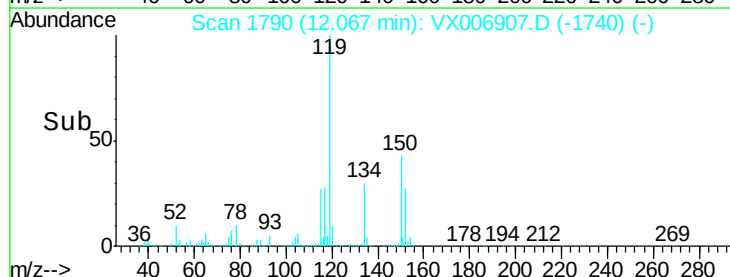
400000

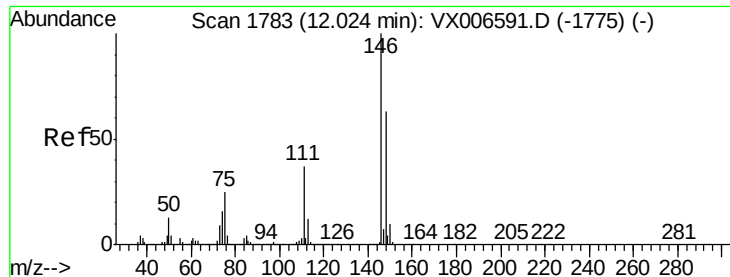
200000

0

12.00 12.07 12.10

Time-->

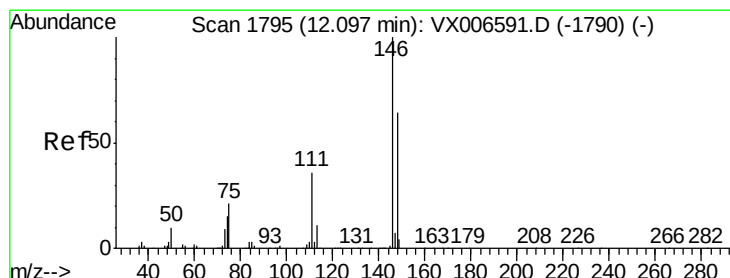
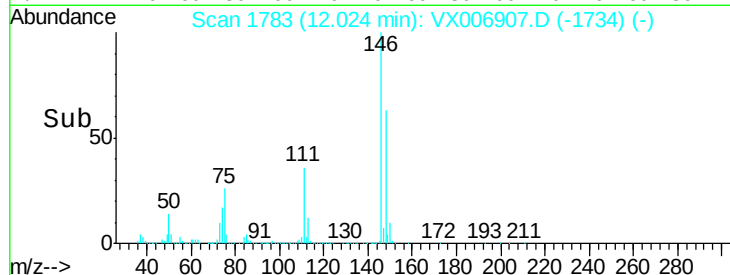
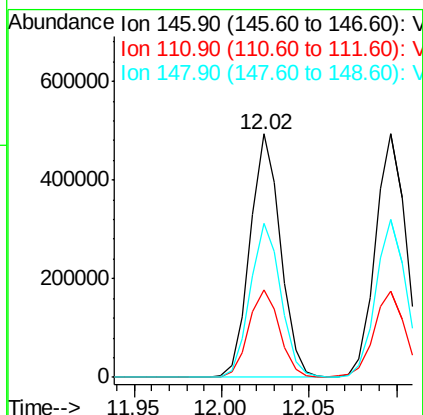
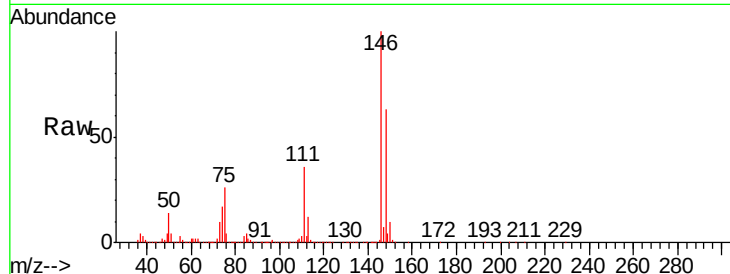




#87
 1,3-Dichlorobenzene
 Concen: 48.205 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

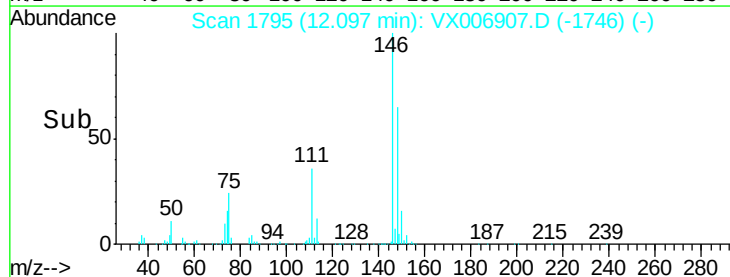
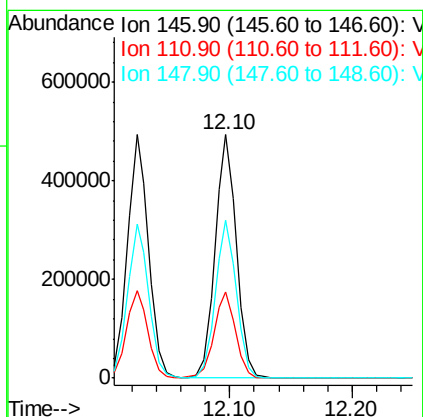
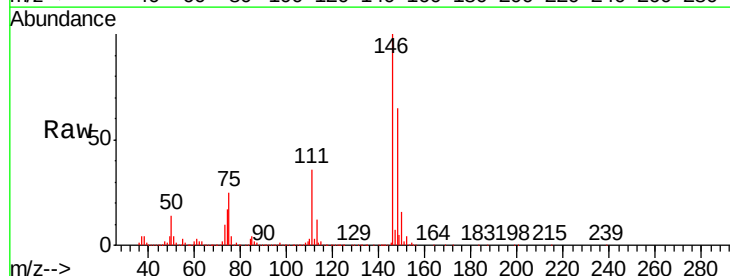
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

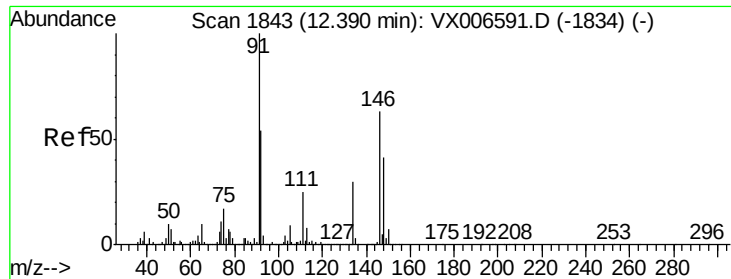
Tgt Ion:146 Resp: 596171
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.6 55.8
 148 63.6 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 47.215 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion:146 Resp: 598602
 Ion Ratio Lower Upper
 146 100
 111 35.8 18.1 54.1
 148 64.3 31.9 95.9

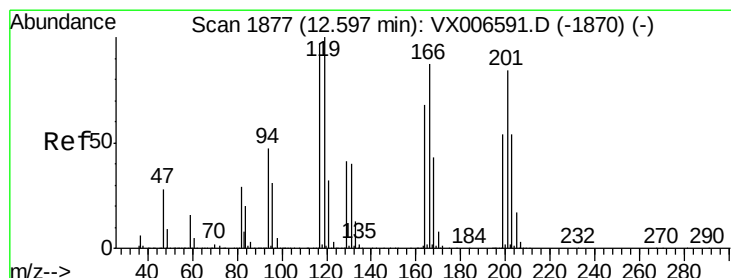
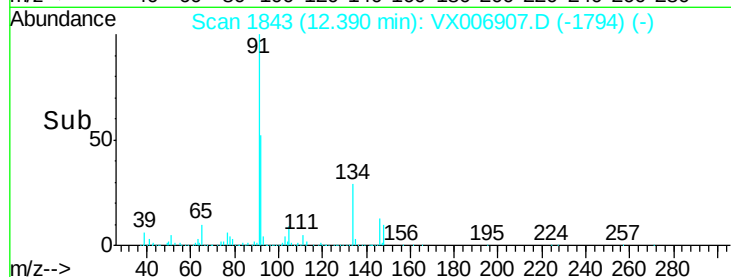
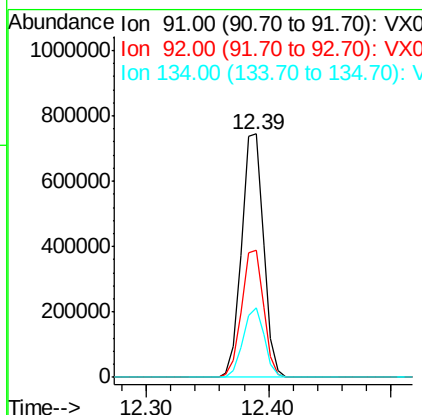
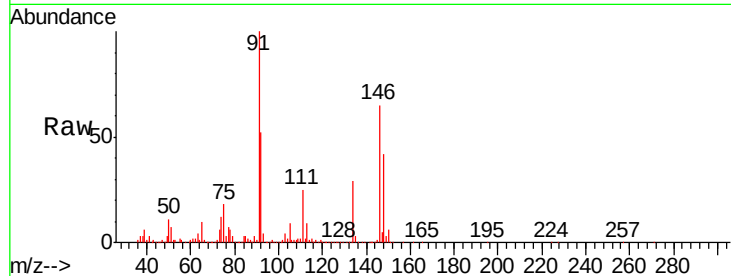




#89
n-Butylbenzene
Concen: 47.945 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

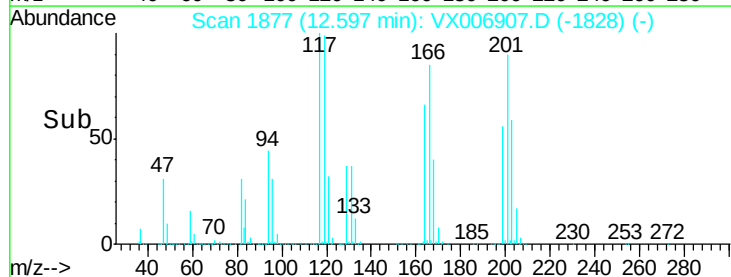
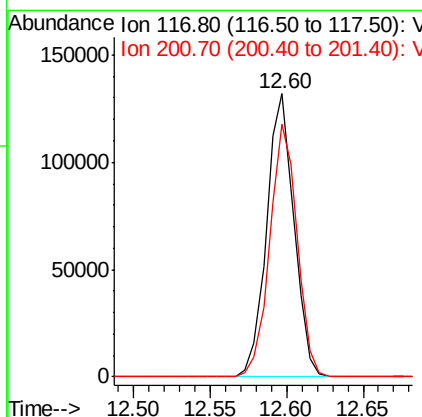
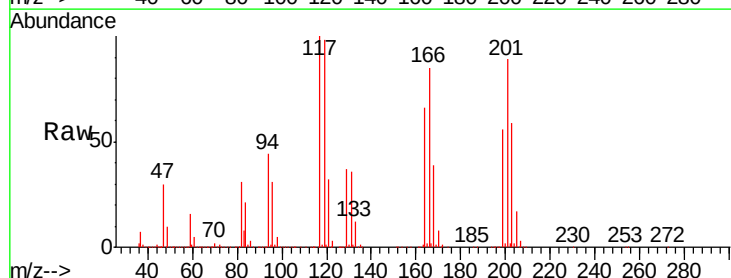
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

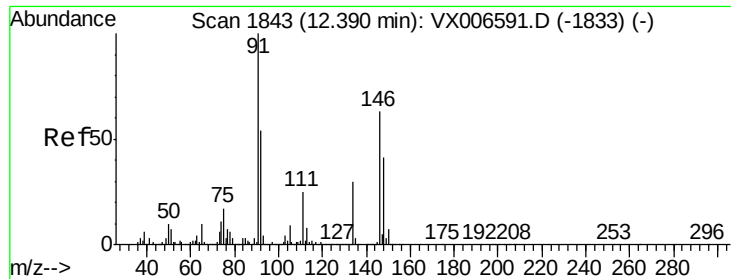
Tgt Ion: 91 Resp: 920160
Ion Ratio Lower Upper
91 100
92 52.4 26.8 80.4
134 27.7 14.4 43.2



#90
Hexachloroethane
Concen: 46.894 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 117 Resp: 164729
Ion Ratio Lower Upper
117 100
201 89.2 42.9 128.7

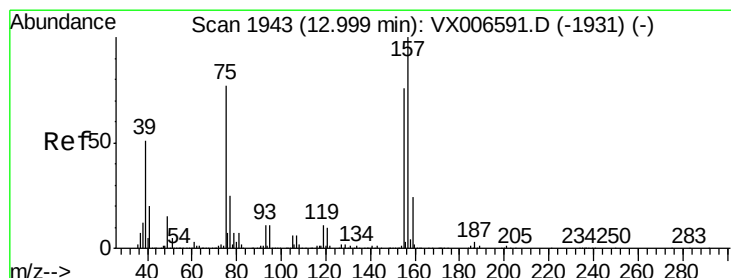
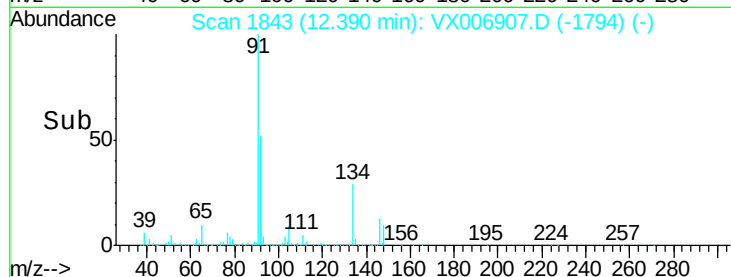
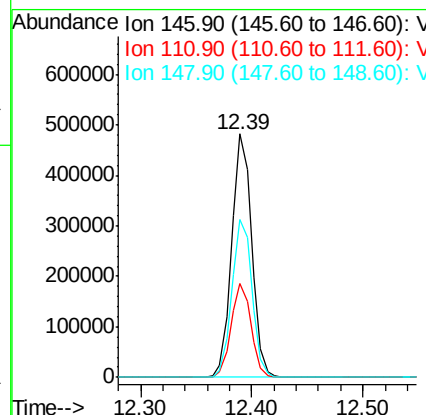
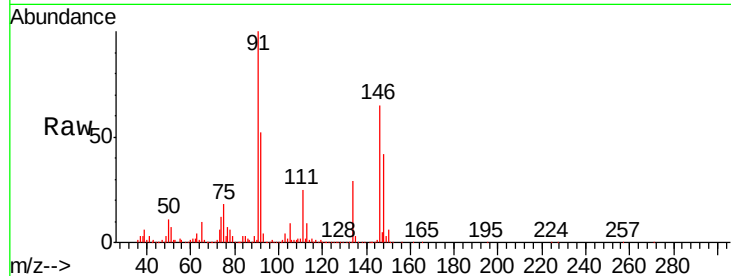




#91
 1,2-Dichlorobenzene
 Concen: 48.299 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

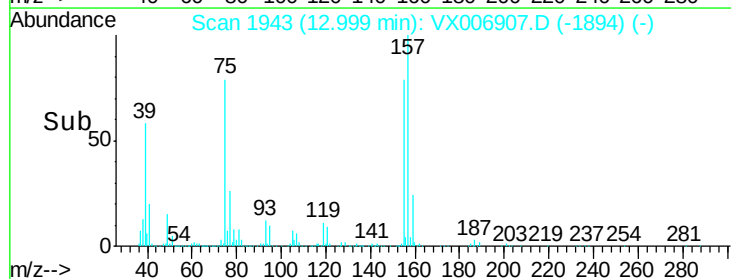
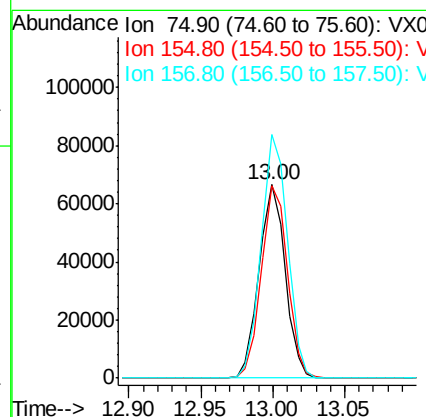
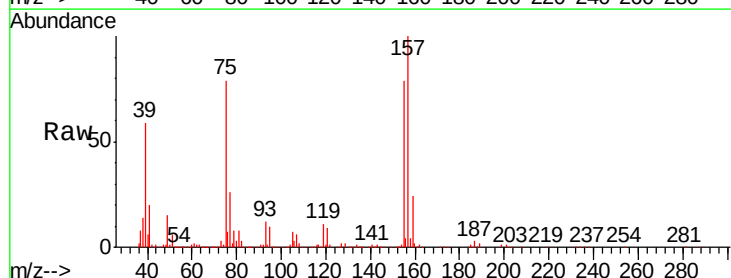
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

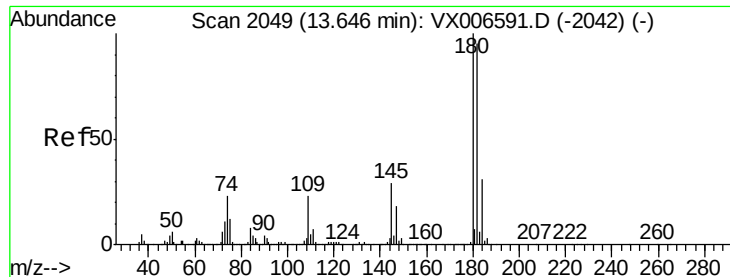
Tgt Ion: 146 Resp: 597535
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.2
 148 65.4 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.163 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion: 75 Resp: 83037
 Ion Ratio Lower Upper
 75 100
 155 99.6 50.6 151.8
 157 127.1 64.6 193.8

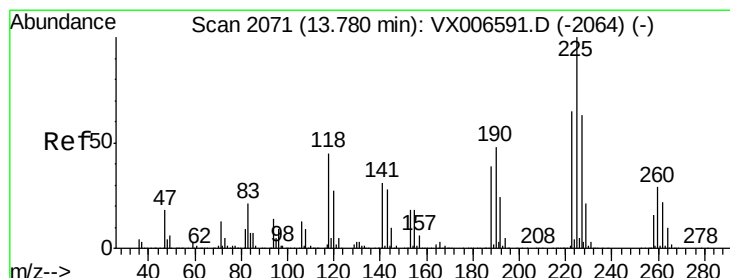
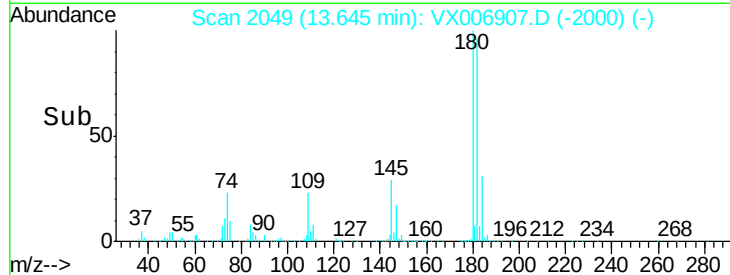
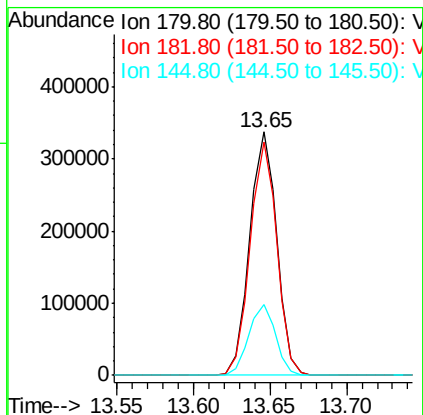
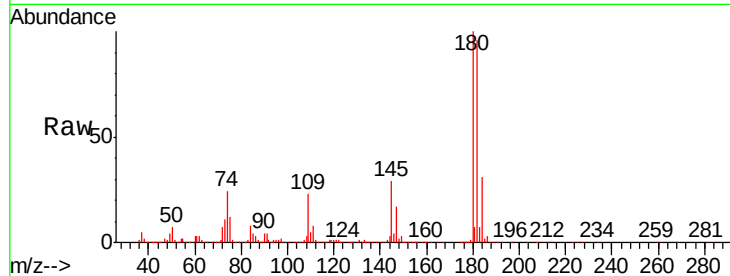




#93
 1,2,4-Trichlorobenzene
 Concen: 48.485 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

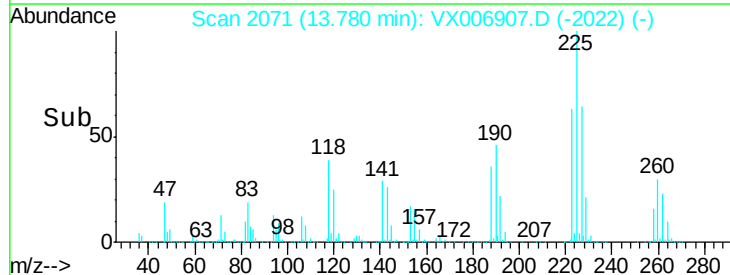
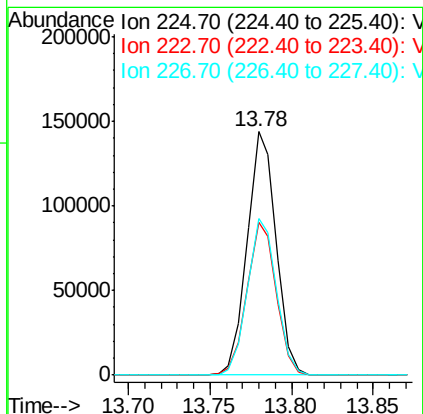
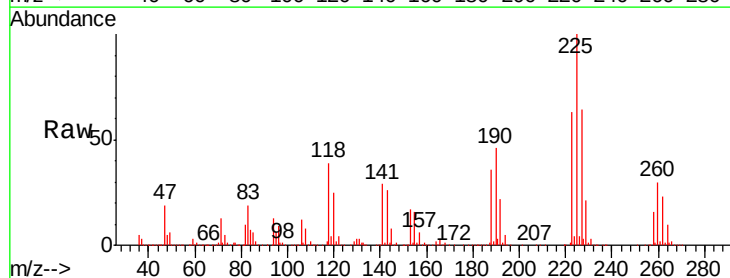
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

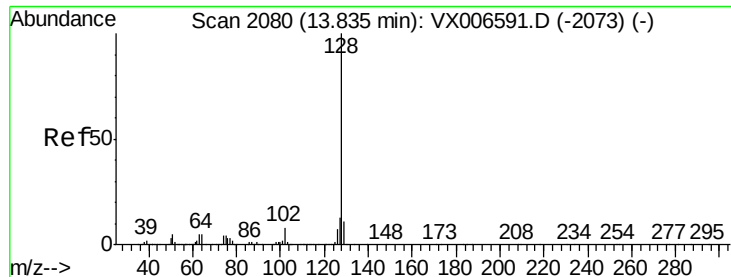
Tgt Ion:180 Resp: 413759
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 29.1 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 44.265 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion:225 Resp: 178052
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.1 96.3
 227 64.5 32.3 96.8

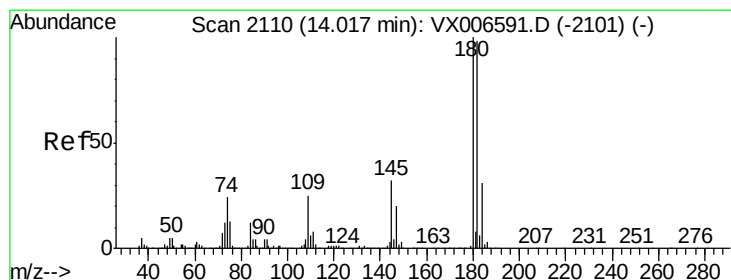
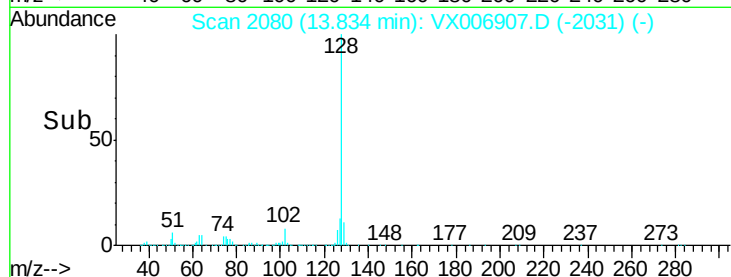
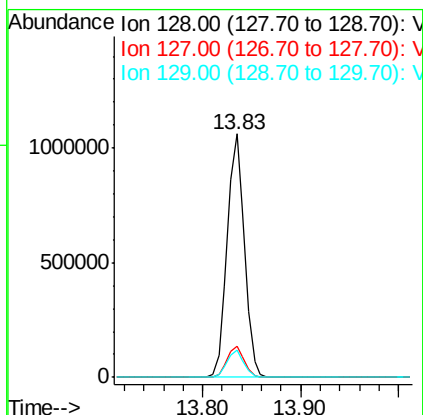
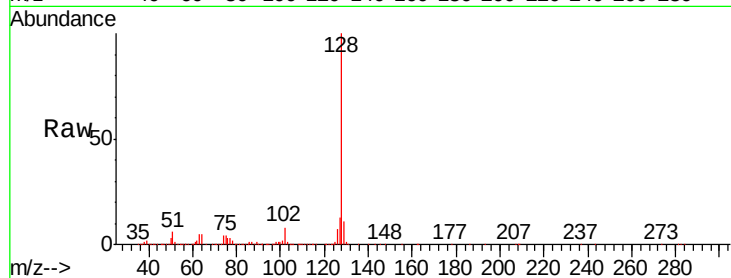




#95
Naphthalene
Concen: 47.642 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 1297623
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 46.821 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion:180 Resp: 412546
Ion Ratio Lower Upper
180 100
182 95.6 48.5 145.5
145 30.8 16.0 47.9

