

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007193.D
 Acq On : 22 Jan 2019 20:21
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 23 00:08:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	468961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	679973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	635970	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	338713	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	233080	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	217958	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	8.71	98	791541	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	292508	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	184723	47.966	ug/l	99
3) Chloromethane	1.33	50	213395	47.599	ug/l	100
4) Vinyl Chloride	1.41	62	229190	47.525	ug/l	99
5) Bromomethane	1.64	94	238614	46.311	ug/l	99
6) Chloroethane	1.71	64	154841	45.983	ug/l	97
7) Trichlorofluoromethane	1.93	101	375512	48.191	ug/l	97
8) Diethyl Ether	2.19	74	148507	47.905	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	221063	47.387	ug/l	99
10) Methyl Iodide	2.51	142	336923	53.541	ug/l	100
11) Tert butyl alcohol	3.07	59	289210	250.155	ug/l	98
12) 1,1-Dichloroethene	2.37	96	205603	47.702	ug/l	100
13) Acrolein	2.29	56	160957	321.908	ug/l	97
14) Allyl chloride	2.73	41	361554	48.946	ug/l	99
15) Acrylonitrile	3.15	53	680086	256.245	ug/l	100
16) Acetone	2.45	43	583033	240.633	ug/l	100
17) Carbon Disulfide	2.57	76	452846	40.809	ug/l	99
18) Methyl Acetate	2.78	43	369285	52.630	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	744939	49.796	ug/l	98
20) Methylene Chloride	2.86	84	238919	51.865	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	218620	45.516	ug/l	96
22) Diisopropyl ether	3.87	45	683181	49.196	ug/l	98
23) Vinyl Acetate	3.82	43	2826934	241.388	ug/l	99
24) 1,1-Dichloroethane	3.70	63	375440	48.350	ug/l	99
25) 2-Butanone	4.70	43	869684	250.858	ug/l	98
26) 2,2-Dichloropropane	4.59	77	263451	44.121	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	248830	46.967	ug/l	99
28) Bromochloromethane	5.02	49	169385	49.788	ug/l	95
29) Tetrahydrofuran	5.15	42	556330	246.926	ug/l	97
30) Chloroform	5.22	83	403827	49.671	ug/l	100
31) Cyclohexane	5.57	56	312508	45.217	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	342231	49.663	ug/l	99
36) 1,1-Dichloropropene	5.80	75	282447	47.777	ug/l	100
37) Ethyl Acetate	4.85	43	322551	50.892	ug/l	98
38) Carbon Tetrachloride	5.78	117	295073	49.609	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	343111	45.526	ug/l	98
40) Benzene	6.14	78	882890	48.944	ug/l	99
41) Methacrylonitrile	5.06	41	179053	49.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	305984	49.087	ug/l	99
43) Isopropyl Acetate	6.46	43	512323	51.246	ug/l	99
44) Trichloroethene	7.21	130	258811	47.879	ug/l	98
45) 1,2-Dichloropropane	7.51	63	230807	50.895	ug/l	96
46) Dibromomethane	7.66	93	163562	51.318	ug/l	99
47) Bromodichloromethane	7.90	83	290260	53.503	ug/l	96
48) Methyl methacrylate	7.77	41	267523	52.108	ug/l	97
49) 1,4-Dioxane	7.75	88	123383	1052.805	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1760417	274.000	ug/l	99
52) Toluene	8.79	92	578795	49.922	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	321082	53.374	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	350502	52.759	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	251120	54.113	ug/l	98
56) Ethyl methacrylate	9.18	69	371120	54.780	ug/l	96
57) 1,3-Dichloropropane	9.37	76	399682	52.571	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	899469	258.223	ug/l	99
59) 2-Hexanone	9.49	43	1320720	269.748	ug/l	99
60) Dibromochloromethane	9.59	129	256146	56.842	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269004	52.654	ug/l	99
64) Tetrachloroethene	9.34	164	263019	47.769	ug/l	98
65) Chlorobenzene	10.14	112	687633	49.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247496	53.041	ug/l	99
67) Ethyl Benzene	10.25	91	1122556	49.022	ug/l	100
68) m/p-Xylenes	10.36	106	892019	98.873	ug/l	99
69) o-Xylene	10.70	106	436542	49.615	ug/l	96
70) Styrene	10.71	104	725516	52.064	ug/l	99
71) Bromoform	10.86	173	199441	47.985	ug/l #	99
73) Isopropylbenzene	11.02	105	1171366	49.044	ug/l	99
74) N-amyl acetate	10.90	43	475247	49.421	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	372576	49.137	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	420331	61.238	ug/l	91
77) Bromobenzene	11.26	156	318847	48.450	ug/l	99
78) n-propylbenzene	11.36	91	1309402	49.940	ug/l	99
79) 2-Chlorotoluene	11.42	91	768282	48.678	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	973293	48.770	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	99075	44.048	ug/l	96
82) 4-Chlorotoluene	11.51	91	899164	49.204	ug/l	100
83) tert-Butylbenzene	11.77	119	991315	49.786	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	992256	49.444	ug/l	99
85) sec-Butylbenzene	11.94	105	1186599	49.899	ug/l	100
86) p-Isopropyltoluene	12.07	119	1057619	49.723	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	572644	48.142	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	572075	50.758	ug/l	99
89) n-Butylbenzene	12.39	91	897564	49.501	ug/l	99
90) Hexachloroethane	12.60	117	165990	48.948	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	568149	48.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	77281	51.534	ug/l	98

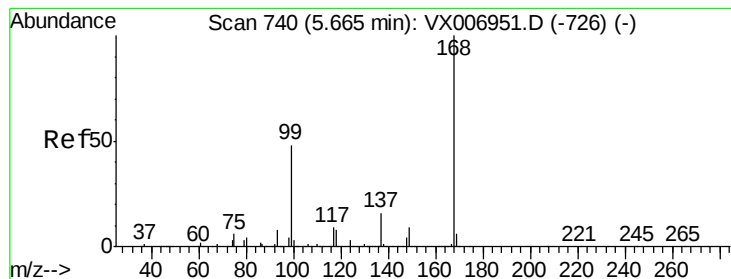
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	395077	49.056	ug/l	99
94) Hexachlorobutadiene	13.78	225	182070	50.945	ug/l	98
95) Naphthalene	13.83	128	1229371	50.376	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	394935	49.365	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

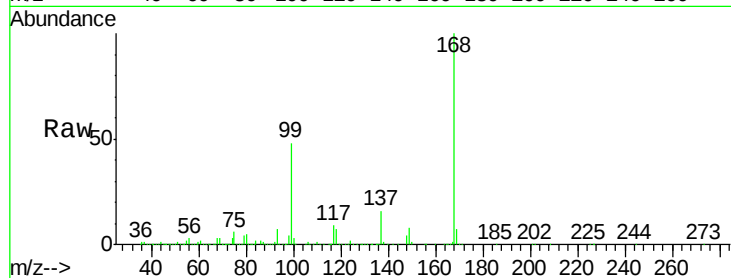
VSTDCCC050EC

Tot Ion:168 Resp: 468961

Ion Ratio Lower Upper

168 100

99 47.5 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

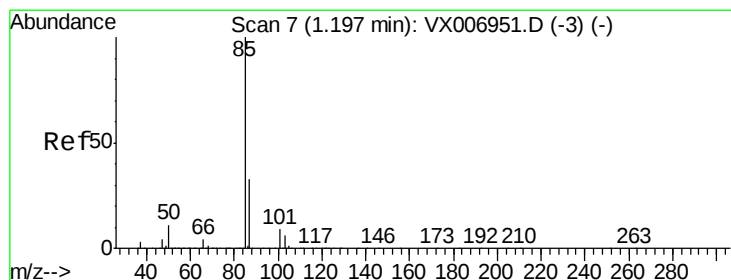
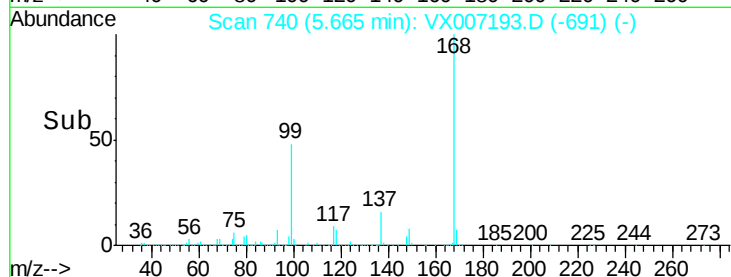
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 47.966 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007193.D

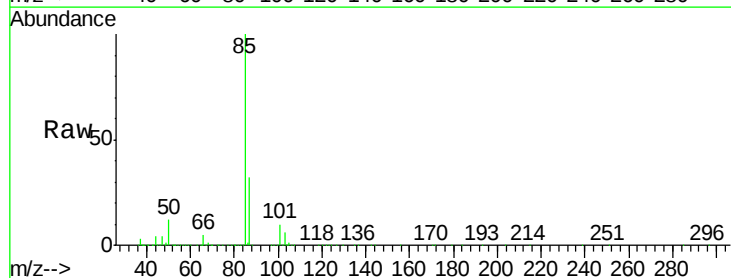
Acq: 22 Jan 2019 20:21

Tgt Ion: 85 Resp: 184723

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

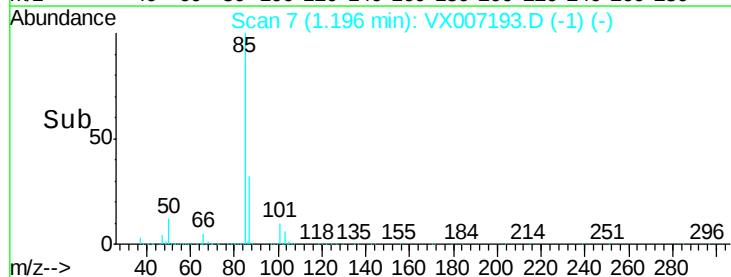
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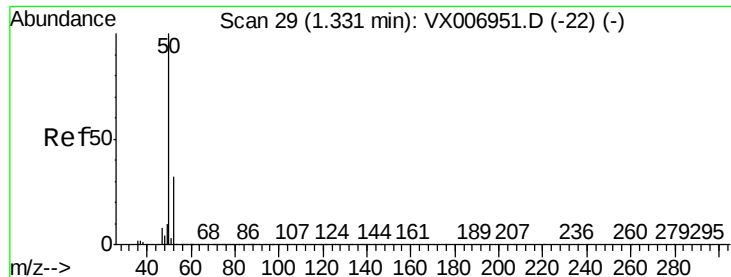
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.599 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

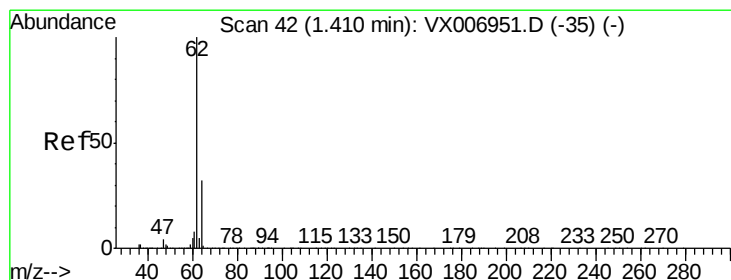
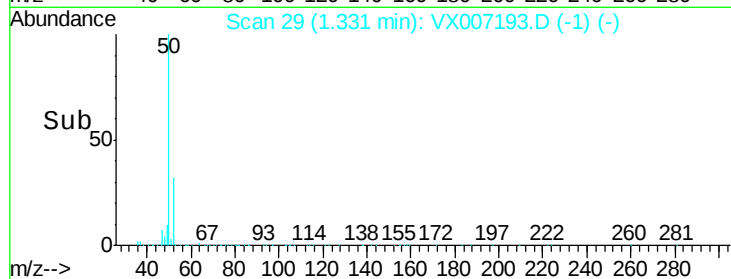
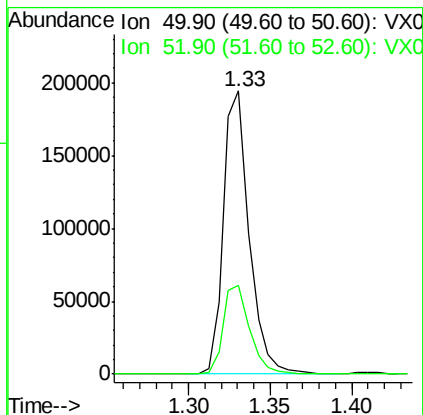
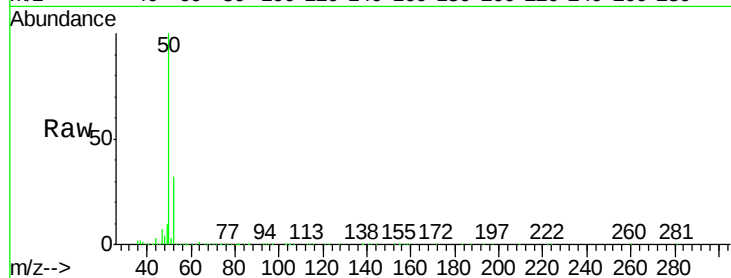
VSTDCCC050EC

Tot Ion: 50 Resp: 213395

Ion Ratio Lower Upper

50 100

52 31.6 25.4 38.2



#4

Vinyl Chloride

Concen: 47.525 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007193.D

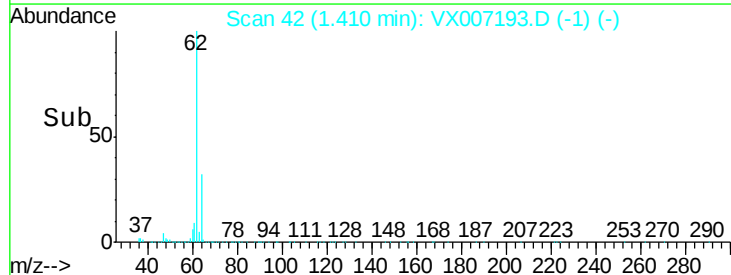
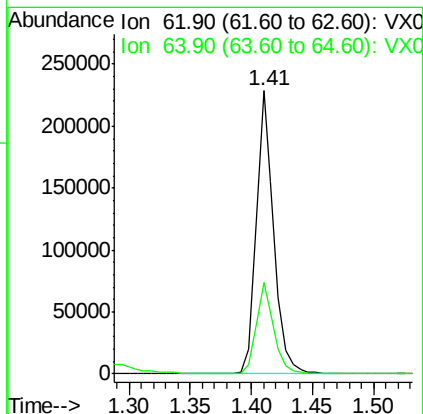
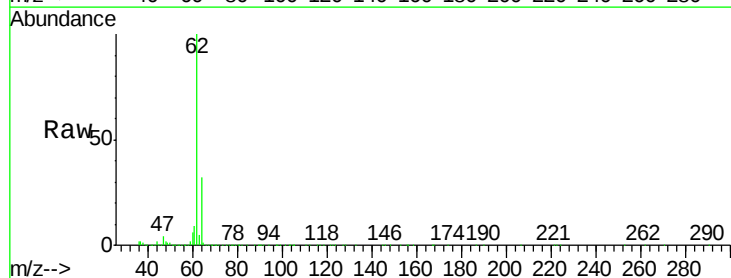
Acq: 22 Jan 2019 20:21

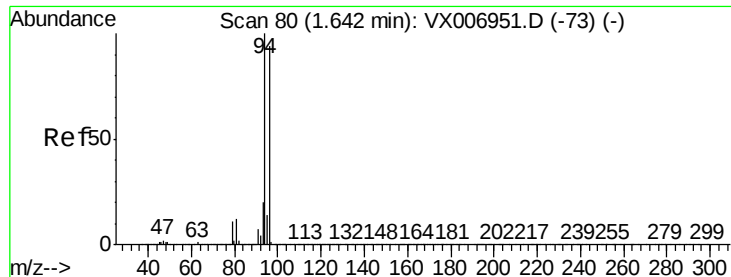
Tgt Ion: 62 Resp: 229190

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 46.311 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

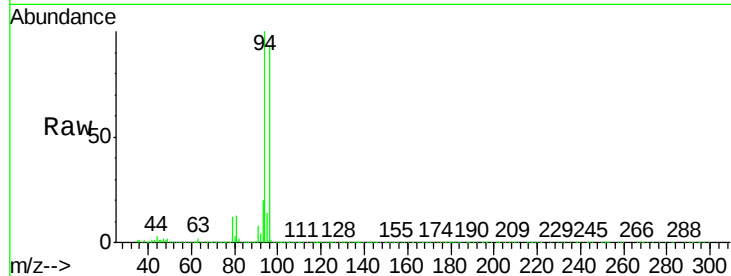
VSTDCCC050EC

Tot Ion: 94 Resp: 238614

Ion Ratio Lower Upper

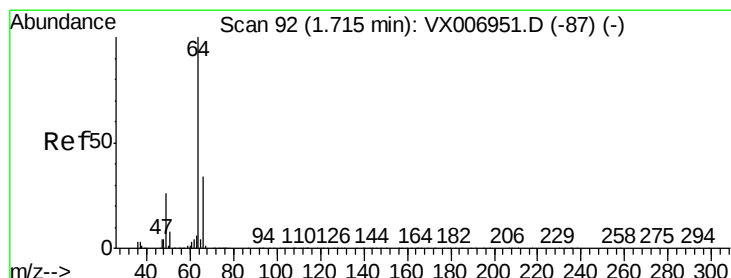
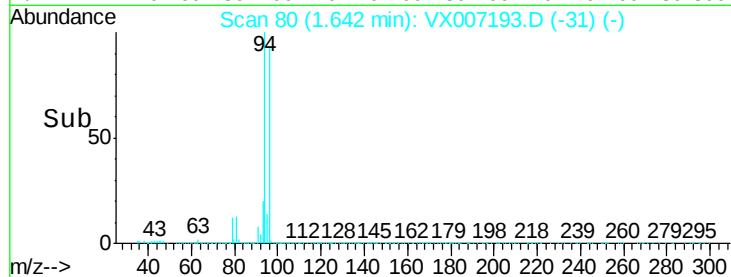
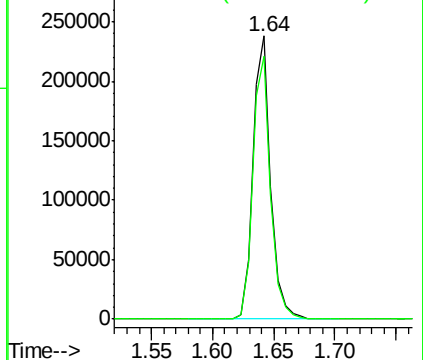
94 100

96 93.0 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: 45.983 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007193.D

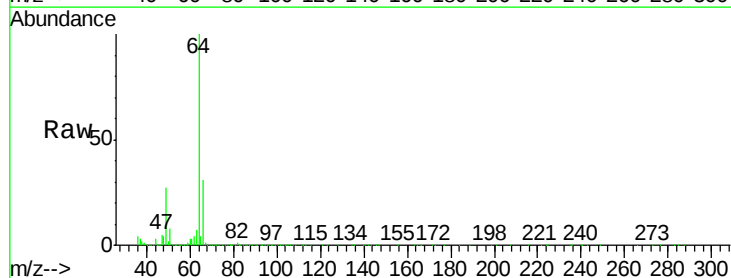
Acq: 22 Jan 2019 20:21

Tgt Ion: 64 Resp: 154841

Ion Ratio Lower Upper

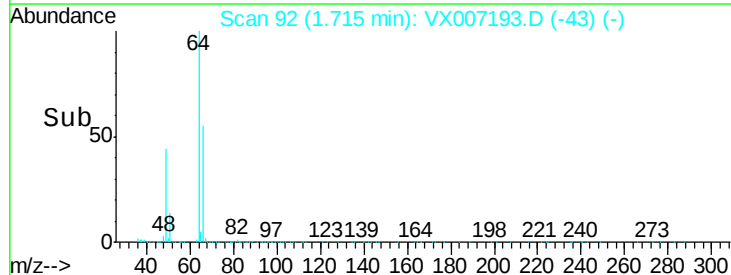
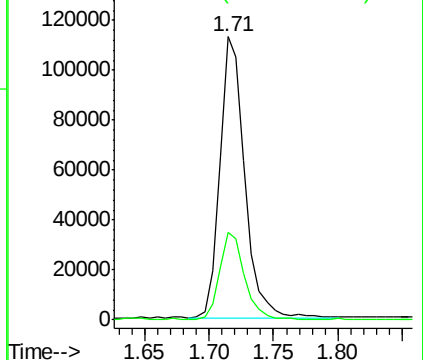
64 100

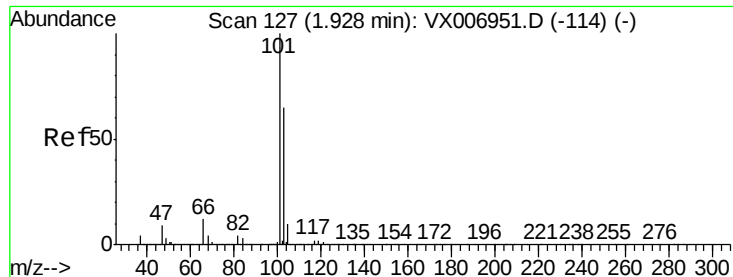
66 31.1 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



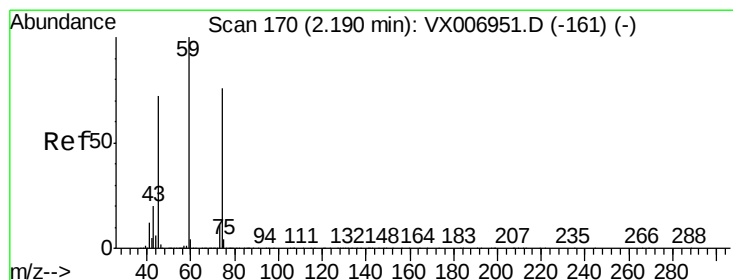
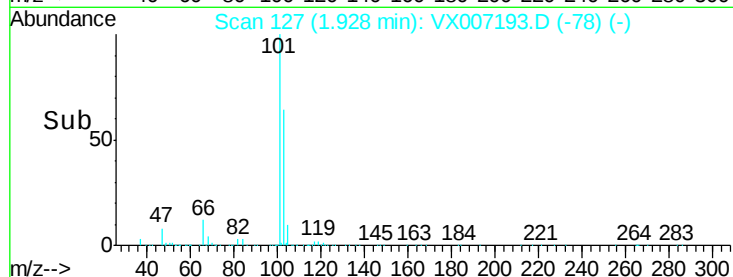
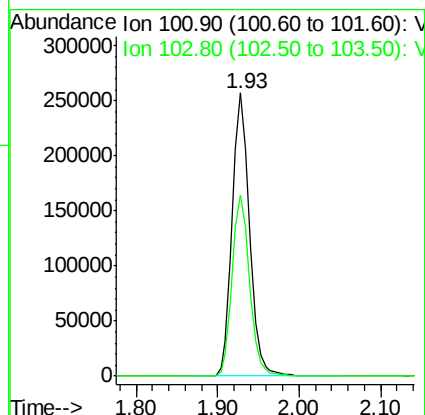
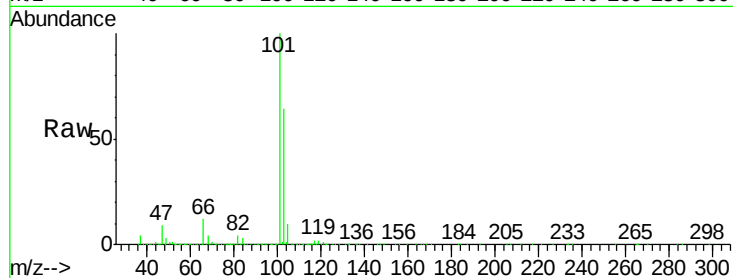


#7

Trichlorofluoromethane
Concen: 48.191 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

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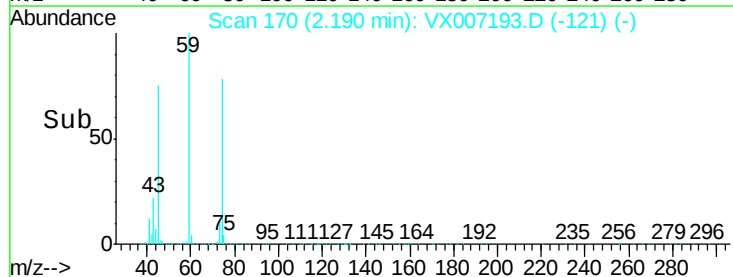
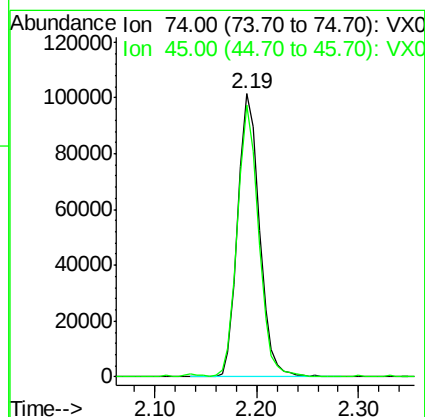
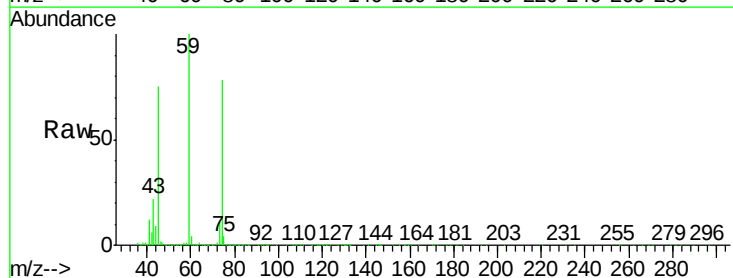
Tot Ion:101 Resp: 375512
Ion Ratio Lower Upper
101 100
103 63.9 53.2 79.8

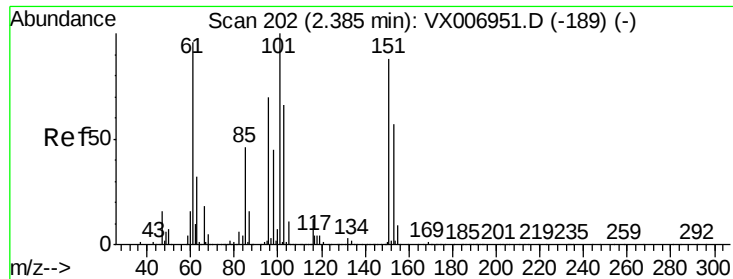


#8

Diethyl Ether
Concen: 47.905 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 74 Resp: 148507
Ion Ratio Lower Upper
74 100
45 93.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.387 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

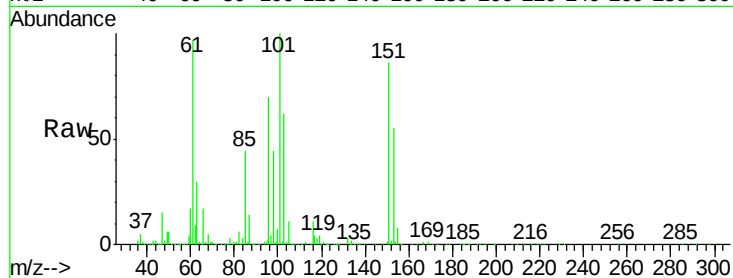
Tot Ion:101 Resp: 221063

Ion Ratio Lower Upper

101 100

85 43.7 35.1 52.7

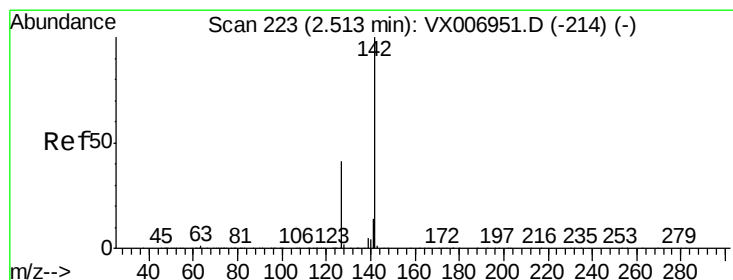
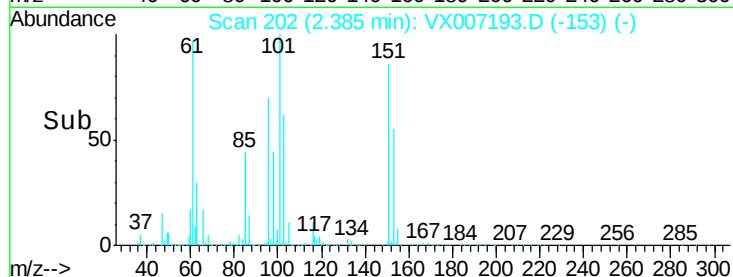
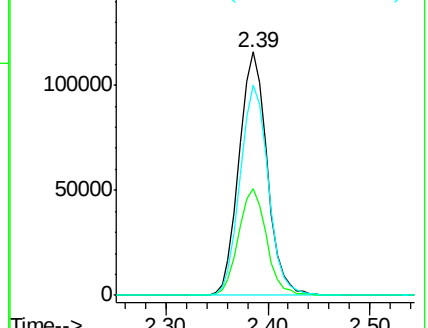
151 87.2 68.9 103.3



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: 53.541 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

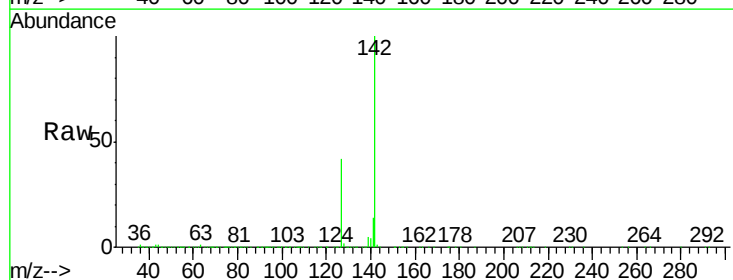
Tgt Ion:142 Resp: 336923

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

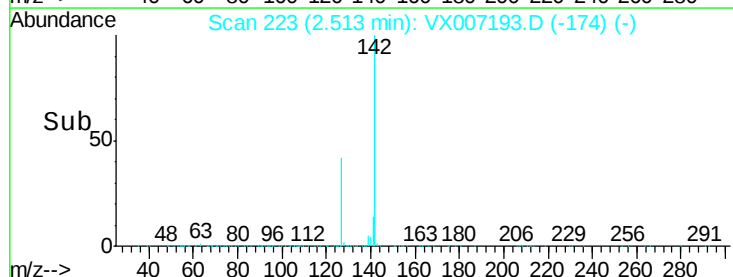
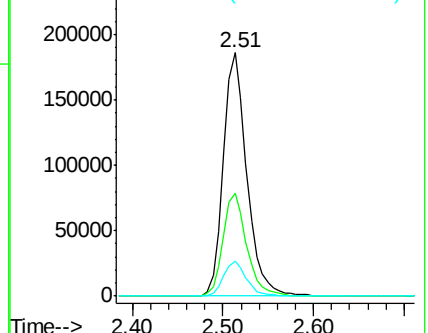
141 14.1 11.4 17.0

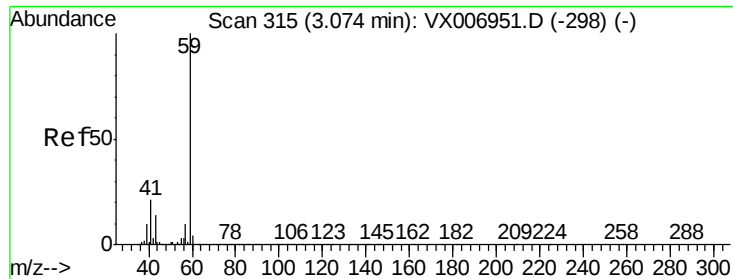


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

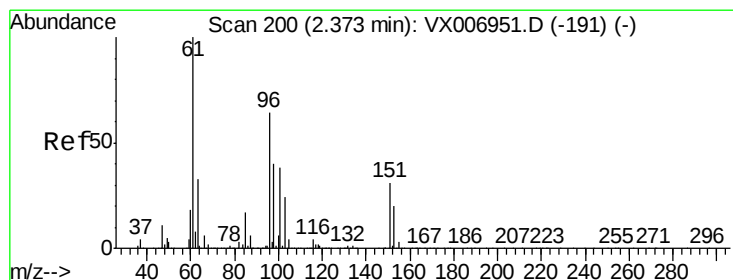
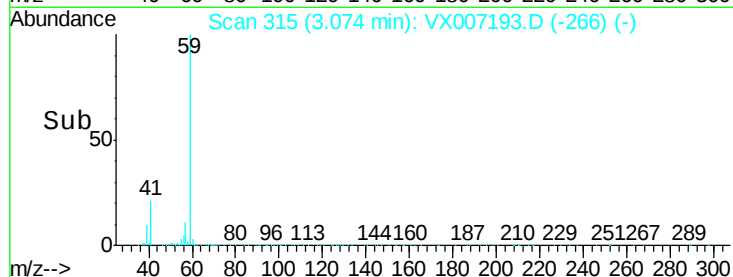
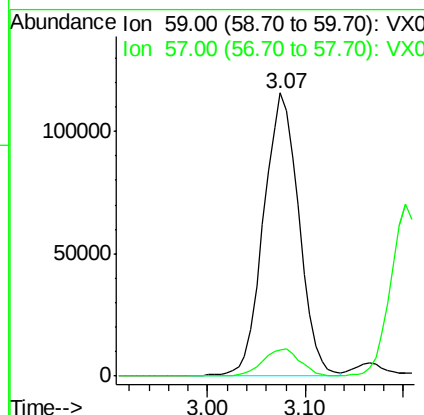
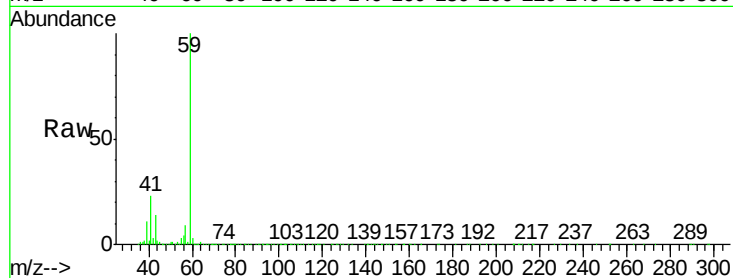




#11
Tert butyl alcohol
Concen: 250.155 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

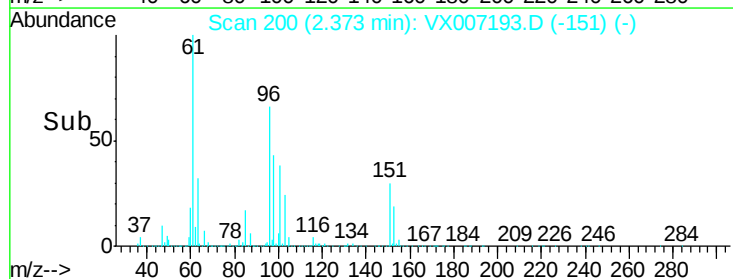
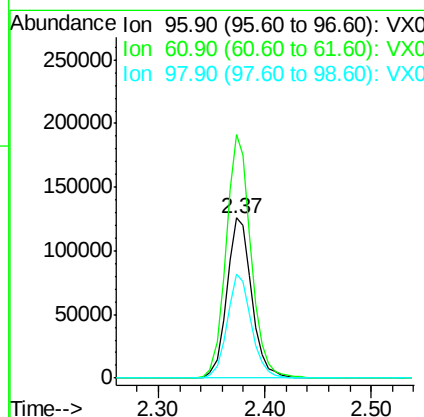
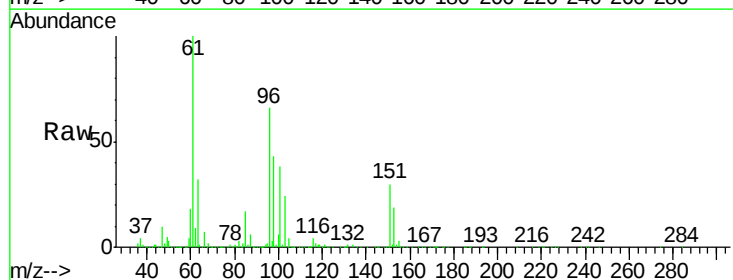
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

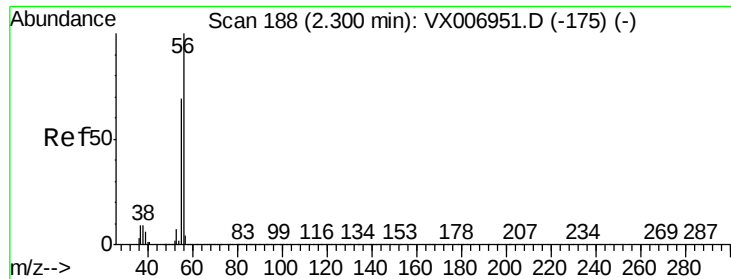
Tot Ion: 59 Resp: 289210
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 47.702 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 96 Resp: 205603
Ion Ratio Lower Upper
96 100
61 152.3 121.4 182.2
98 64.9 51.9 77.9

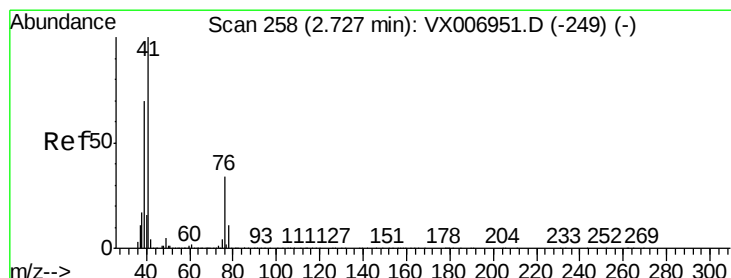
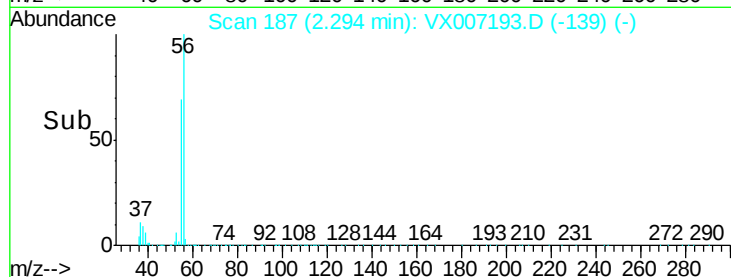
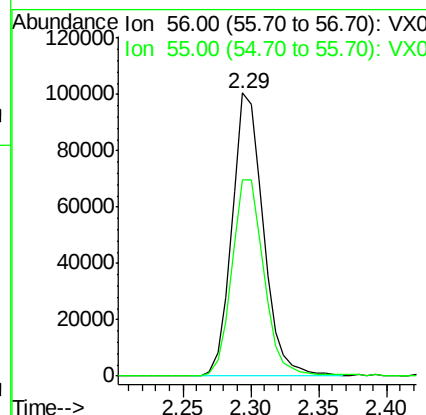
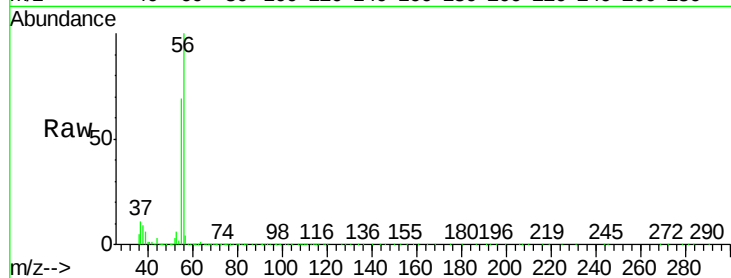




#13
Acrolein
Concen: 321.908 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

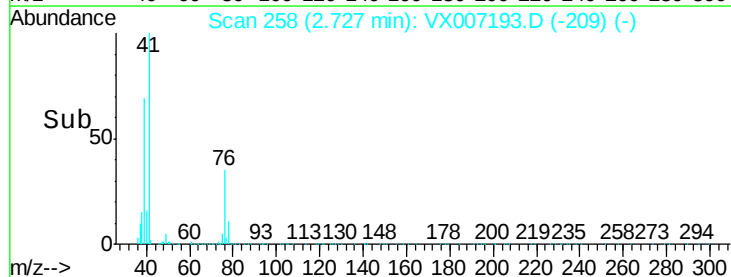
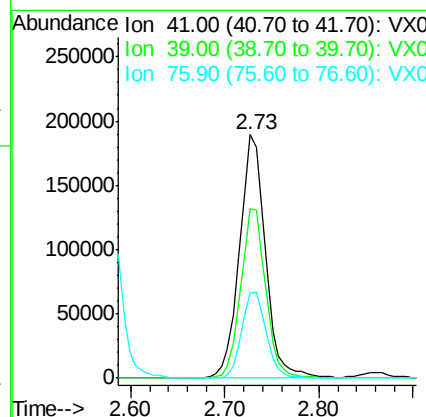
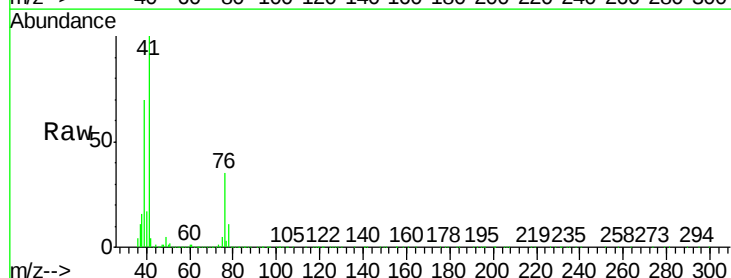
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

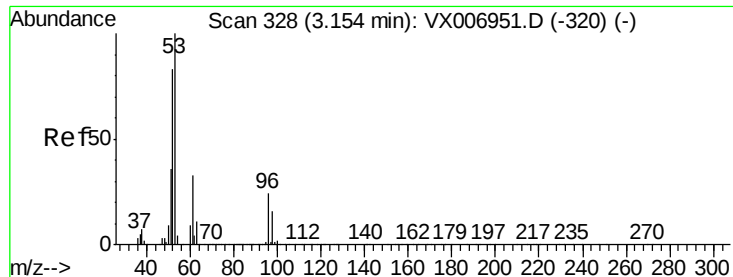
Tot Ion: 56 Resp: 160957
Ion Ratio Lower Upper
56 100
55 70.5 58.2 87.4



#14
Allyl chloride
Concen: 48.946 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 41 Resp: 361554
Ion Ratio Lower Upper
41 100
39 67.2 53.6 80.4
76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 256.245 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

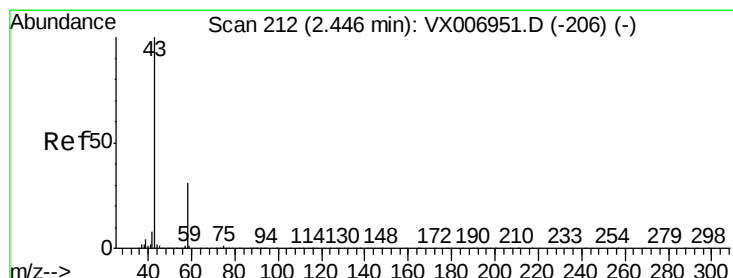
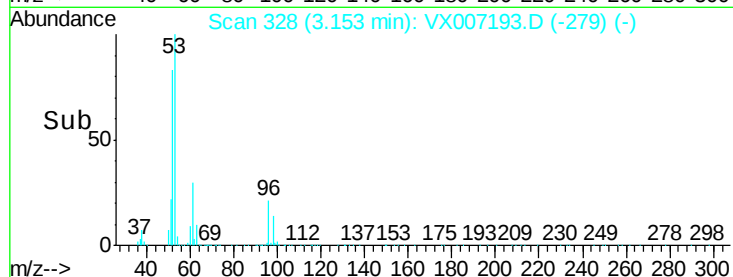
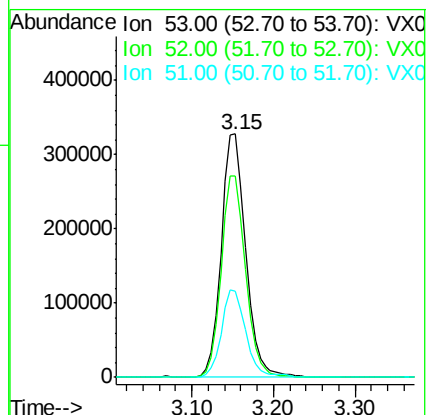
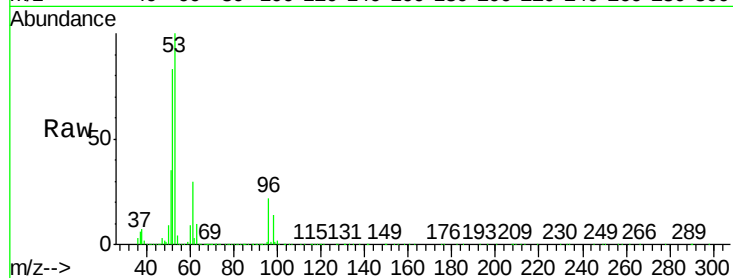
Tot Ion: 53 Resp: 680086

Ion Ratio Lower Upper

53 100

52 82.6 66.0 99.0

51 36.0 28.6 42.8



#16

Acetone

Concen: 240.633 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007193.D

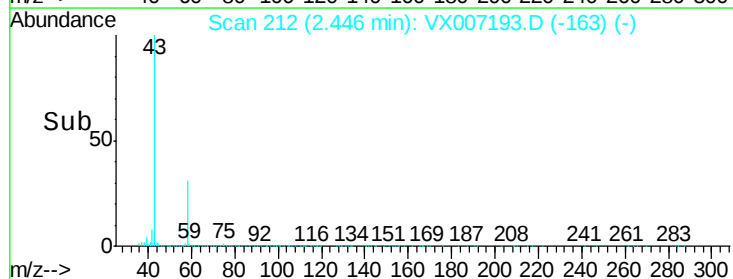
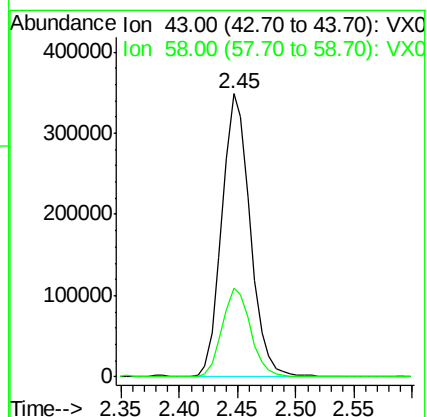
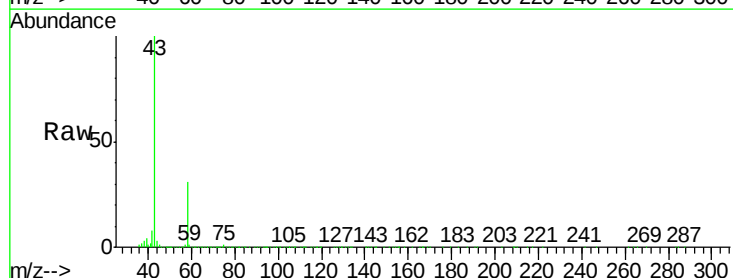
Acq: 22 Jan 2019 20:21

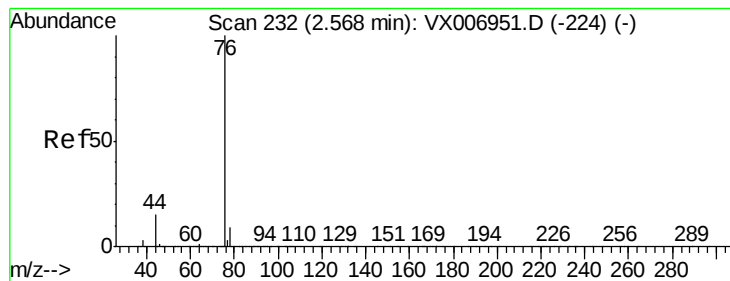
Tgt Ion: 43 Resp: 583033

Ion Ratio Lower Upper

43 100

58 31.3 25.0 37.6





#17

Carbon Disulfide

Concen: 40.809 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

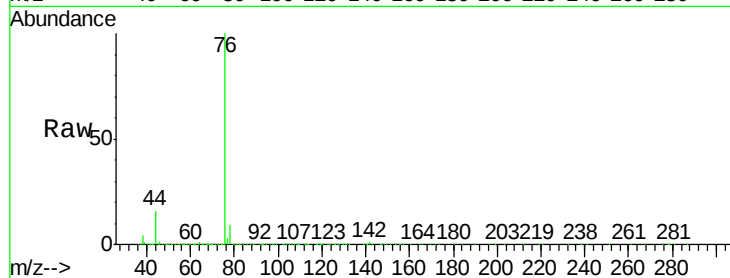
VSTDCCC050EC

Tot Ion: 76 Resp: 452846

Ion Ratio Lower Upper

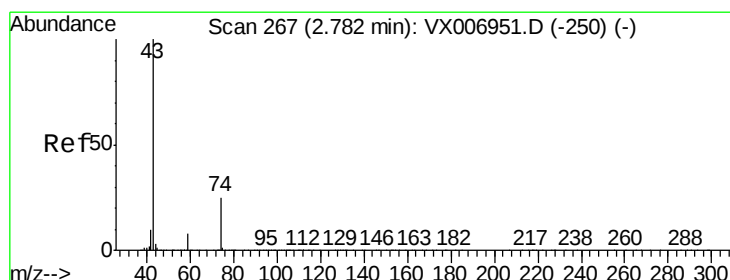
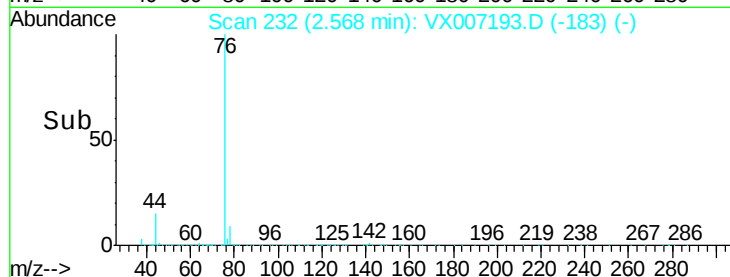
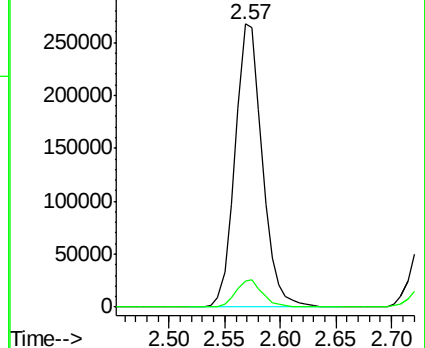
76 100

78 9.1 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: 52.630 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007193.D

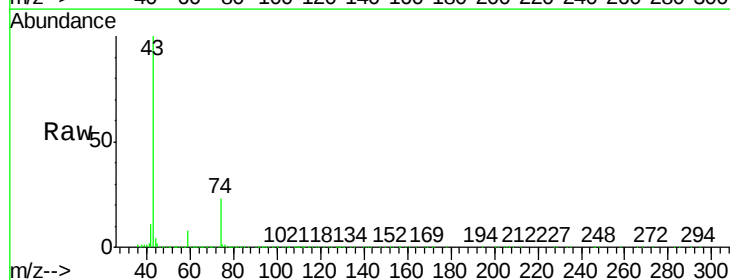
Acq: 22 Jan 2019 20:21

Tgt Ion: 43 Resp: 369285

Ion Ratio Lower Upper

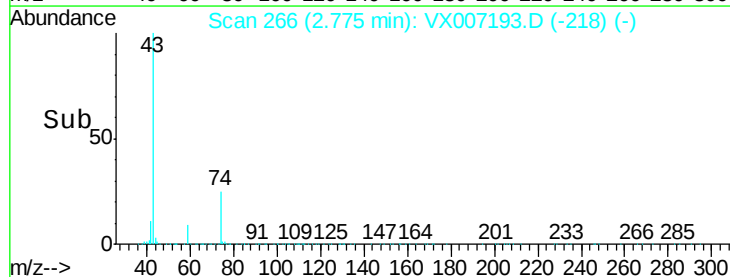
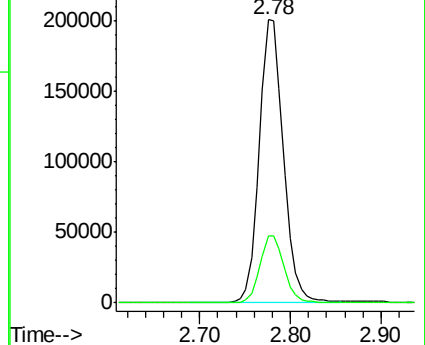
43 100

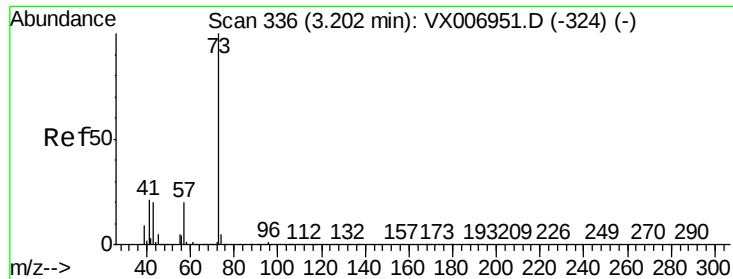
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

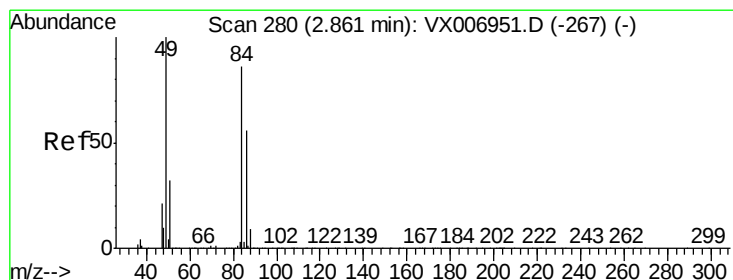
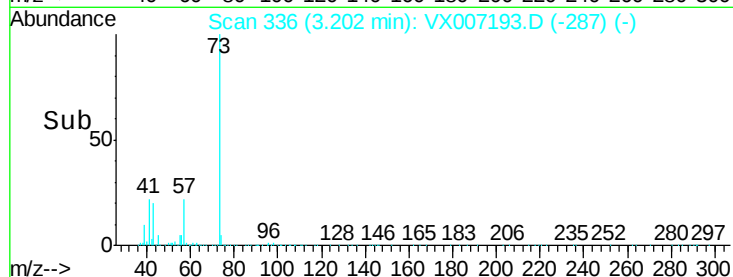
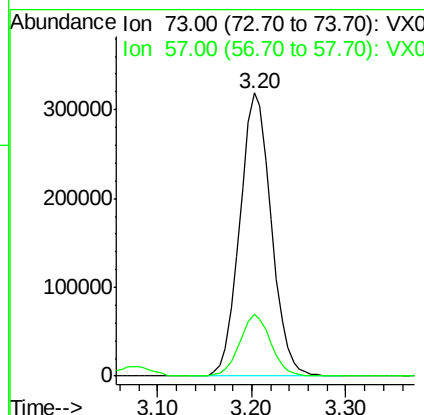
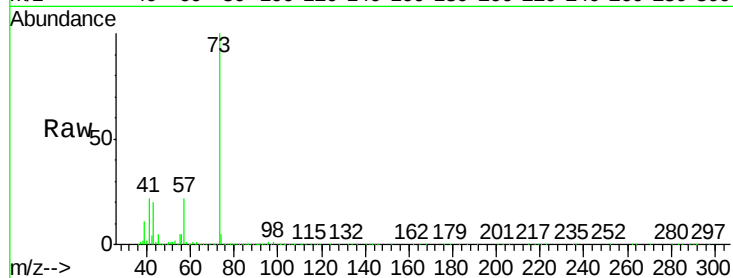




#19
Methvl tert-butvl Ether
Concen: 49.796 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

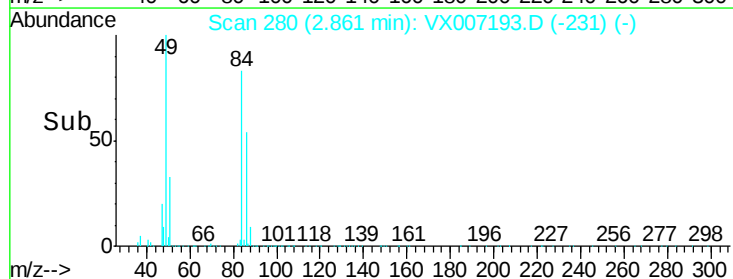
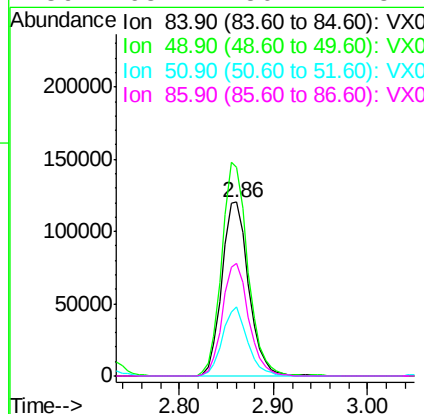
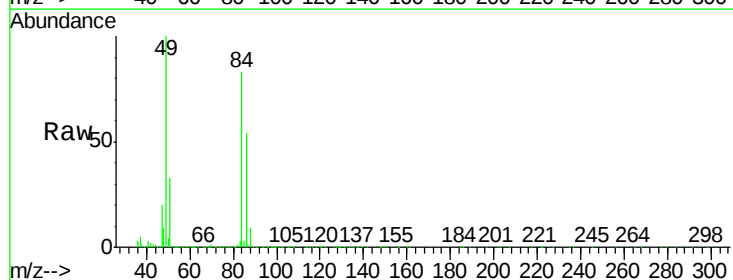
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

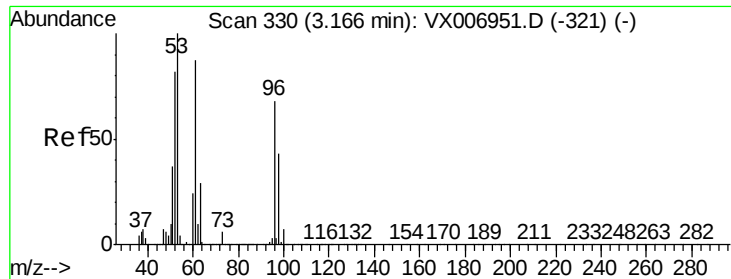
Tot Ion: 73 Resp: 744939
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 51.865 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 84 Resp: 238919
Ion Ratio Lower Upper
84 100
49 120.3 91.8 137.6
51 39.7 28.5 42.7
86 65.1 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.516 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

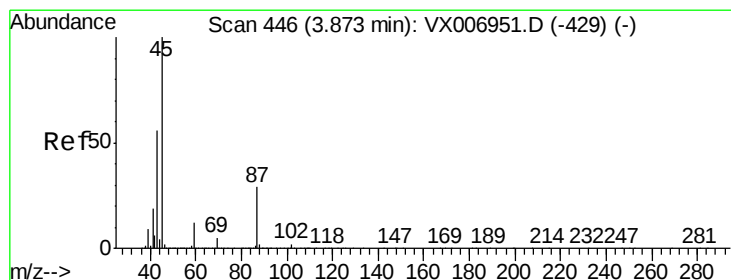
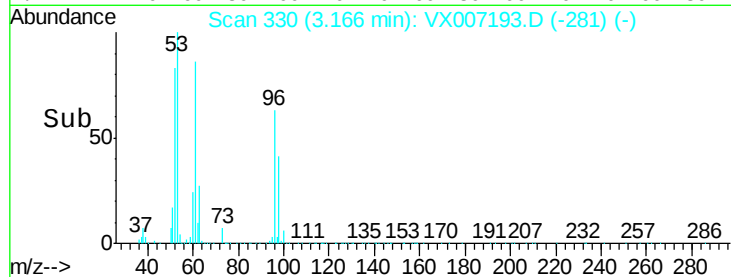
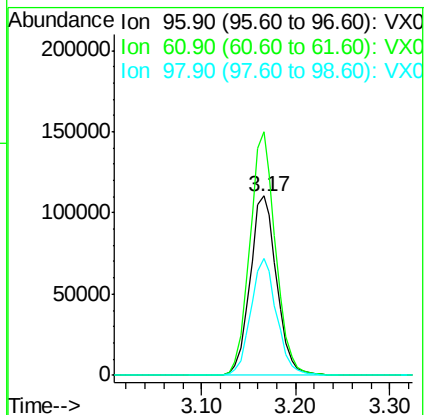
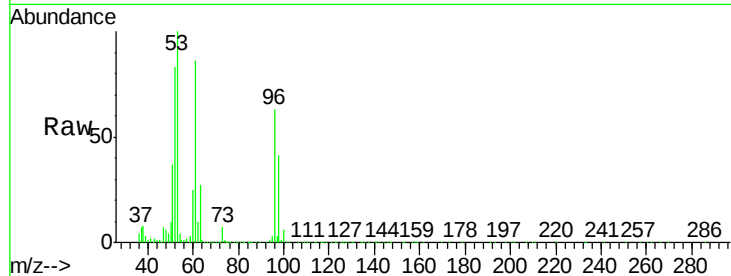
Tot Ion: 96 Resp: 218620

Ion Ratio Lower Upper

96 100

61 135.6 103.7 155.5

98 65.2 51.0 76.6



#22

Diisopropyl ether

Concen: 49.196 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion: 45 Resp: 683181

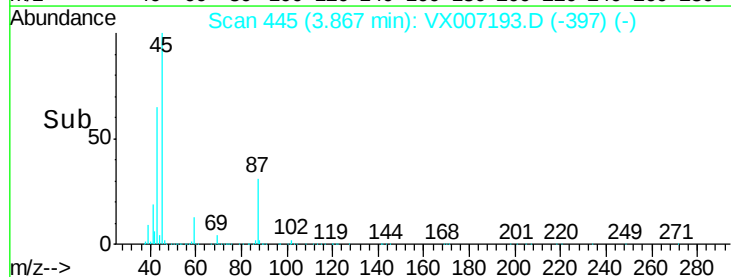
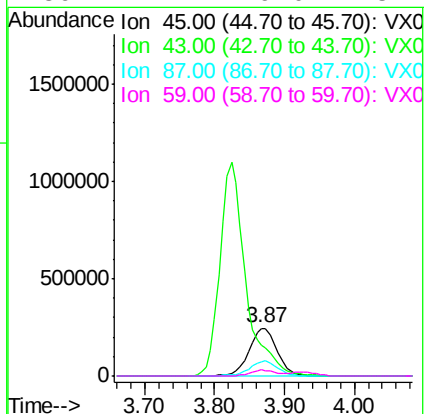
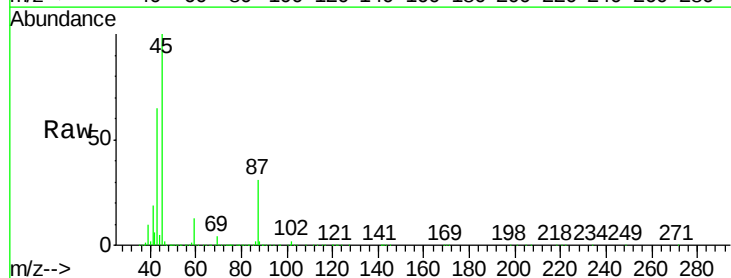
Ion Ratio Lower Upper

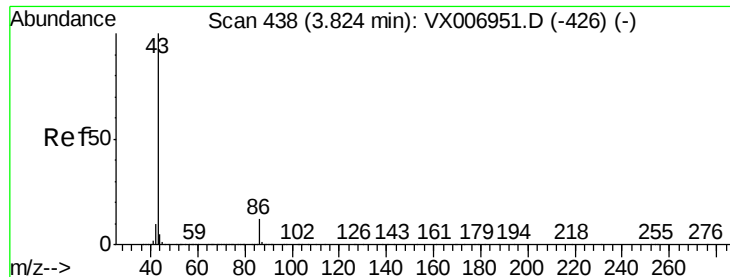
45 100

43 65.3 51.2 76.8

87 31.1 25.8 38.6

59 12.7 9.0 13.4





#23

Vinyl Acetate

Concen: 241.388 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

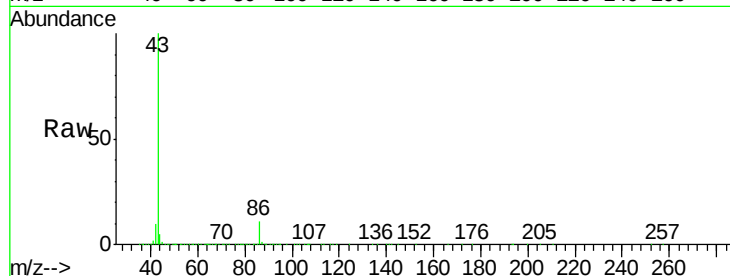
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2826934

Ion	Ratio	Lower	Upper
43	100		
86	11.2	9.2	13.8



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-426) (-)

Ion 86.00 (85.70 to 86.70): VX006951.D (-426) (-)

3.82

1200000

1000000

800000

600000

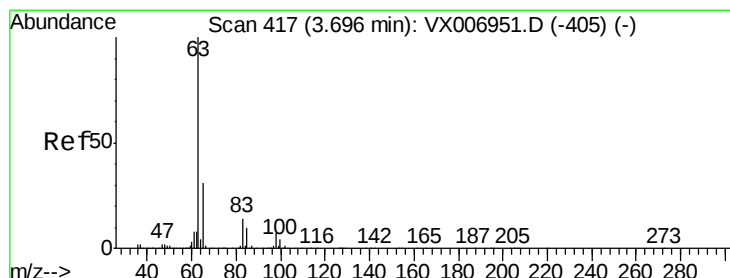
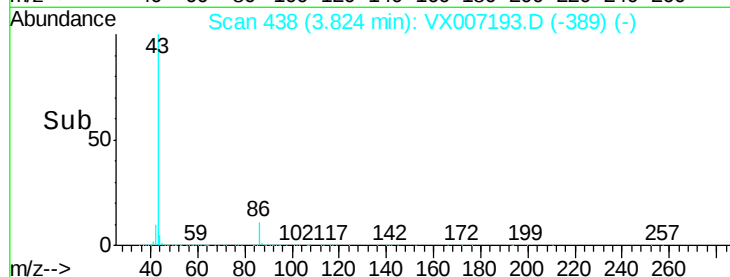
400000

200000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 48.350 ug/l

RT: 3.70 min Scan# 417

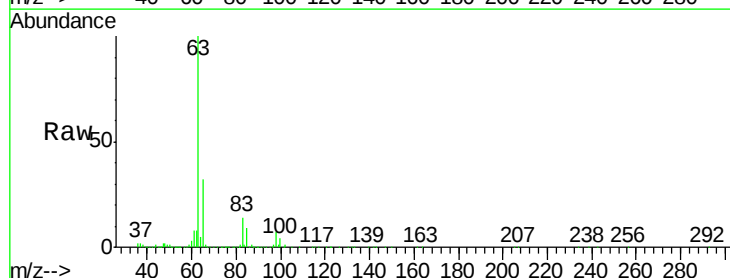
Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion: 63 Resp: 375440

Ion	Ratio	Lower	Upper
63	100		
98	7.5	3.9	11.5
100	4.4	2.4	7.2



Abundance Ion 62.90 (62.60 to 63.60): VX006951.D (-405) (-)

Ion 97.90 (97.60 to 98.60): VX006951.D (-405) (-)

Ion 99.90 (99.60 to 100.60): VX006951.D (-405) (-)

200000

150000

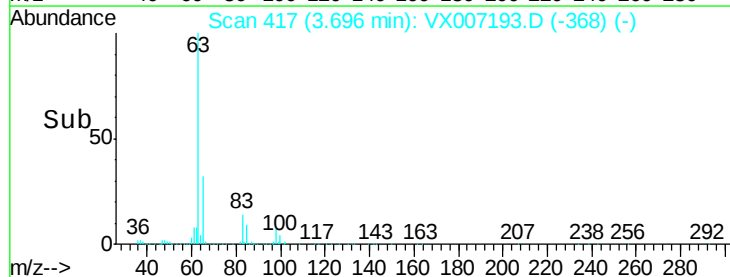
100000

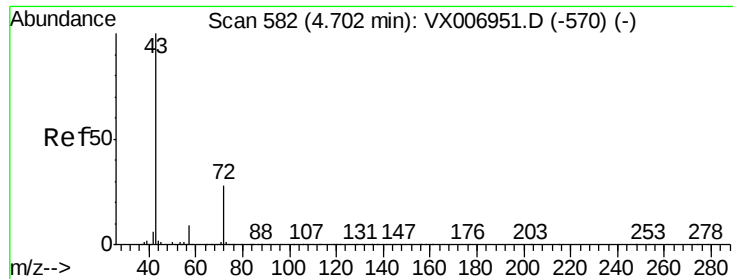
50000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 250.858 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

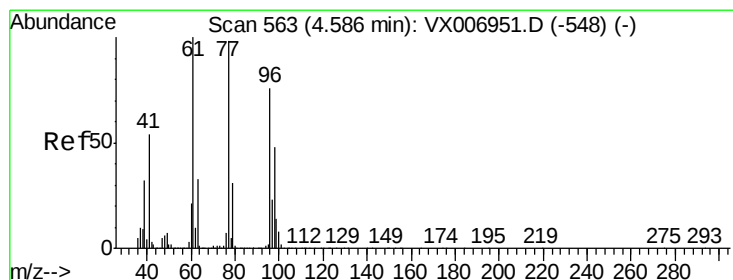
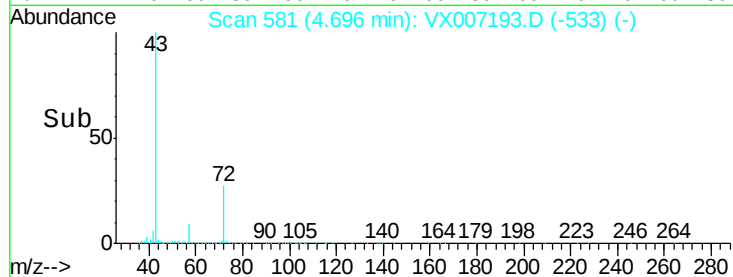
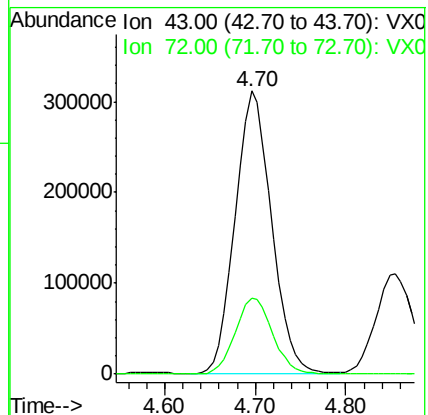
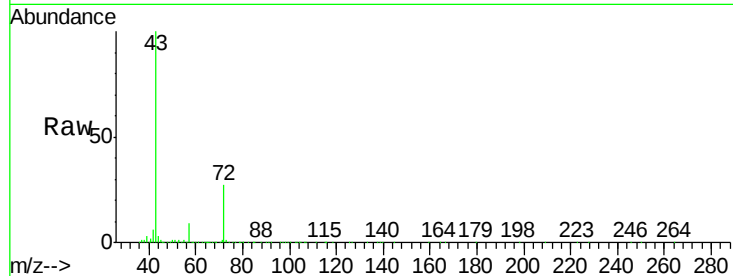
VSTDCCC050EC

Tot Ion: 43 Resp: 869684

Ion Ratio Lower Upper

43 100

72 26.8 22.4 33.6



#26

2,2-Dichloropropane

Concen: 44.121 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007193.D

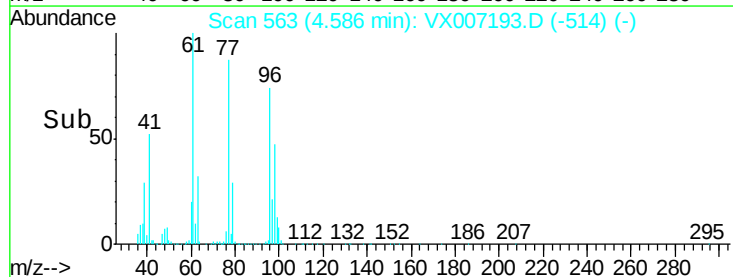
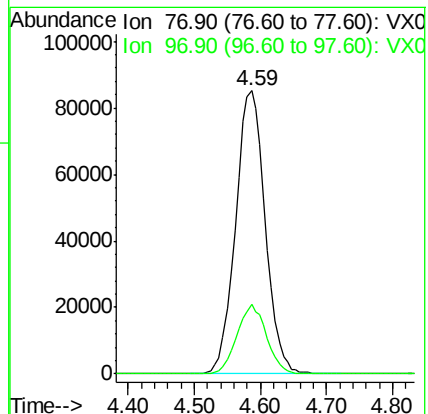
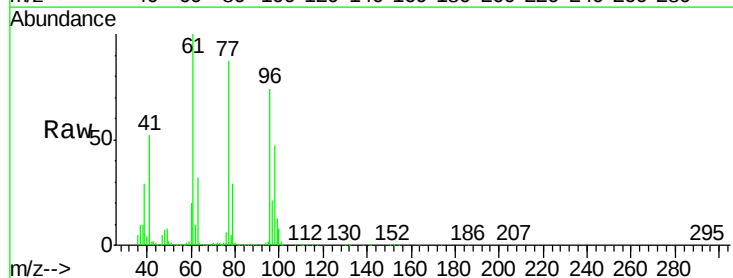
Acq: 22 Jan 2019 20:21

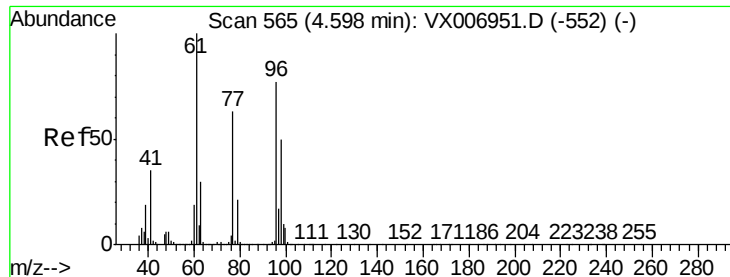
Tgt Ion: 77 Resp: 263451

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4



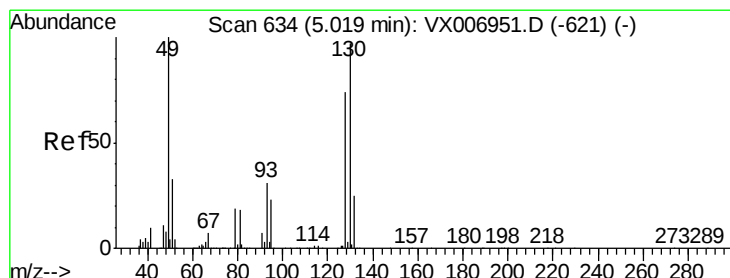
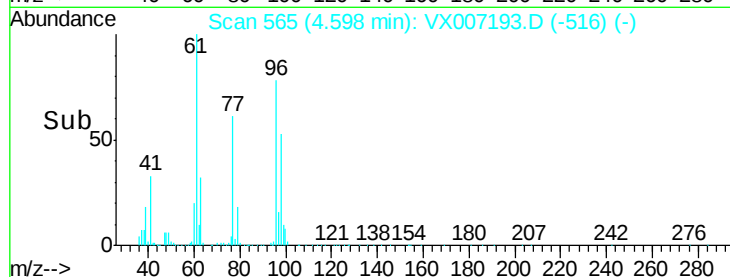
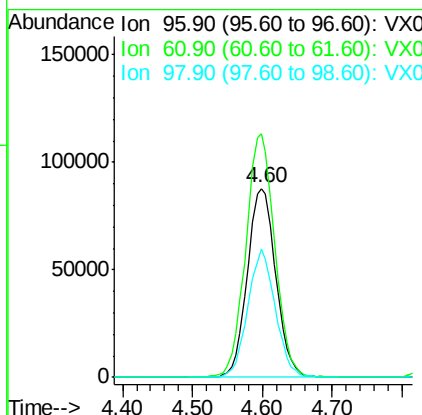
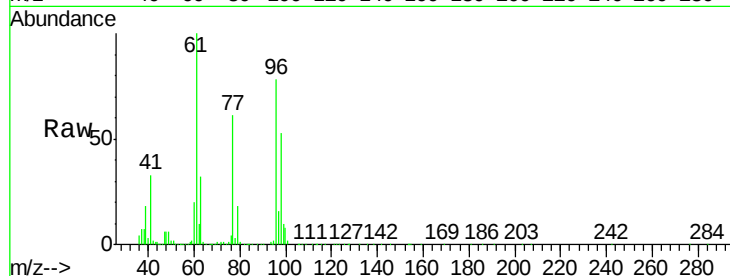


#27

cis-1,2-Dichloroethene
Concen: 46.967 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

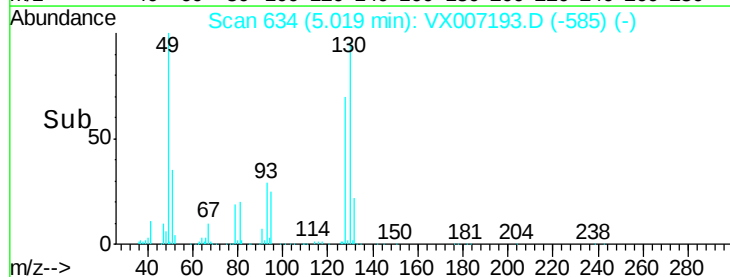
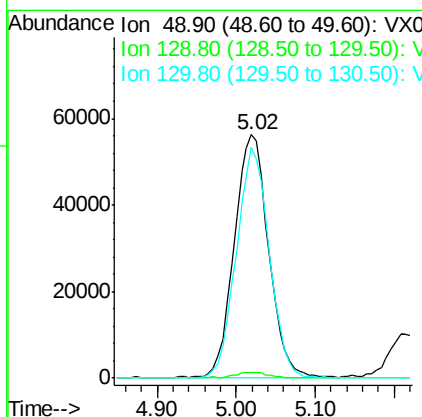
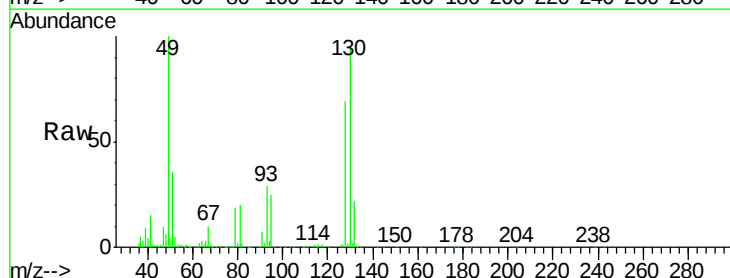
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	258.6
98	65.5	0.0	132.0



#28

Bromochloromethane
Concen: 49.788 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.4
130	91.6	77.7	116.5

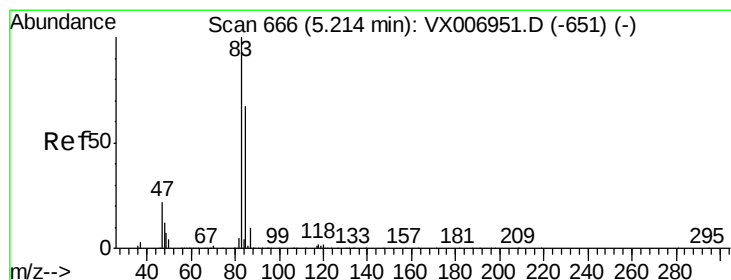
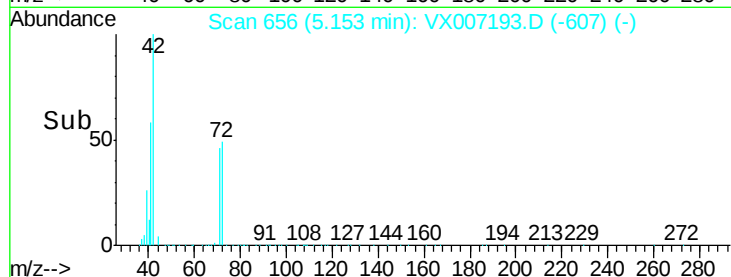
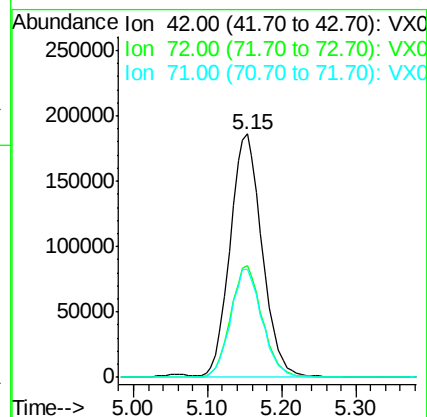
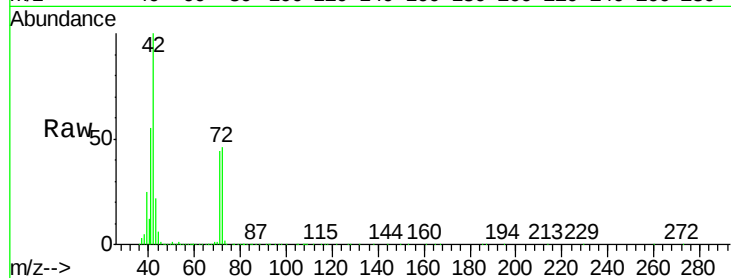




#29
Tetrahydrofuran
Concen: 246.926 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

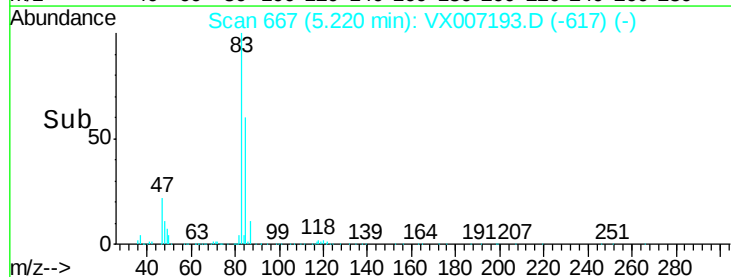
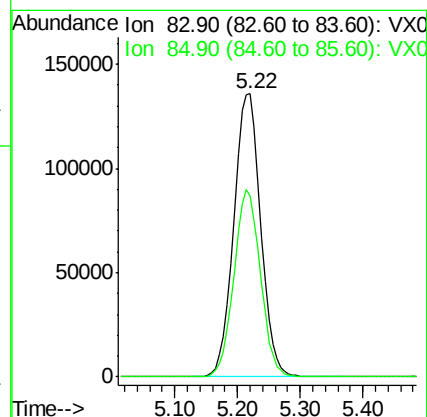
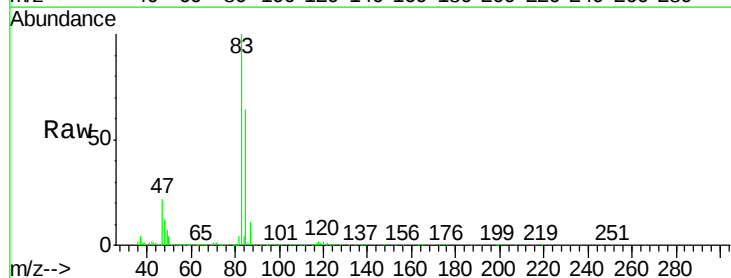
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

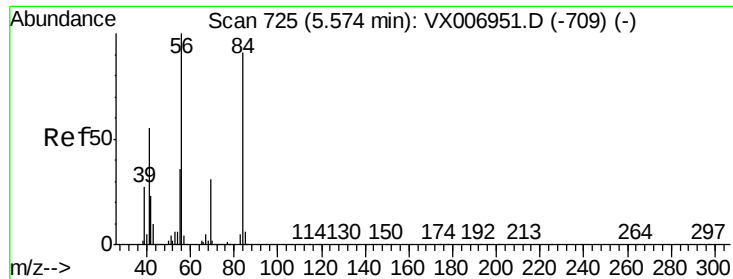
Tot Ion: 42 Resp: 556330
Ion Ratio Lower Upper
42 100
72 46.0 38.9 58.3
71 43.7 36.2 54.4



#30
Chloroform
Concen: 49.671 ug/l
RT: 5.22 min Scan# 667
Delta R.T. 0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 83 Resp: 403827
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8

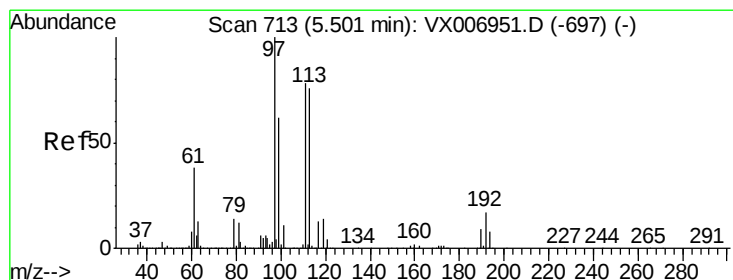
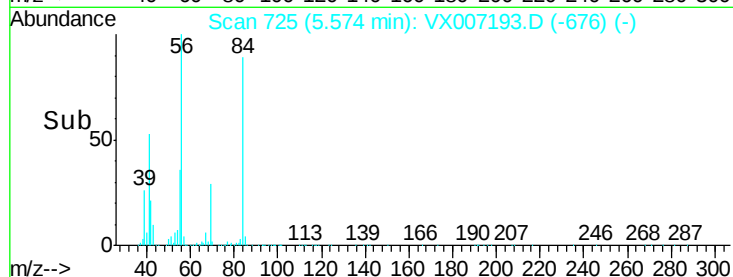
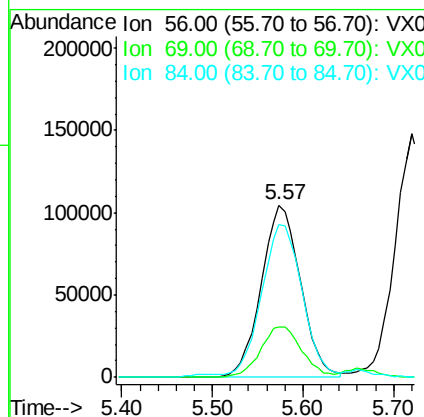
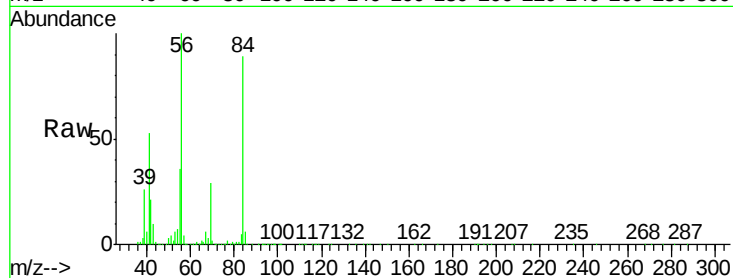




#31
Cyclohexane
Concen: 45.217 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

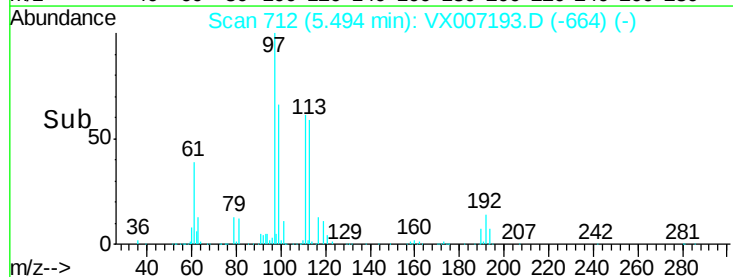
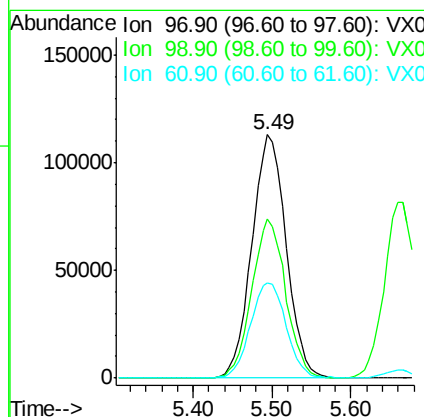
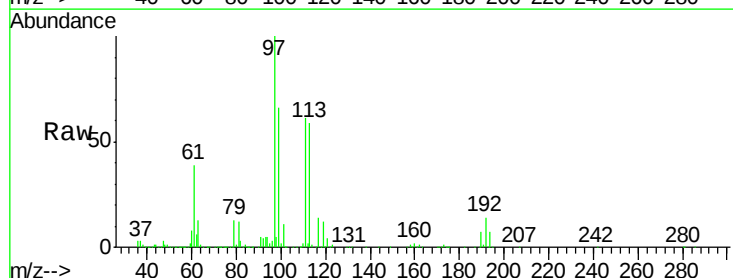
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

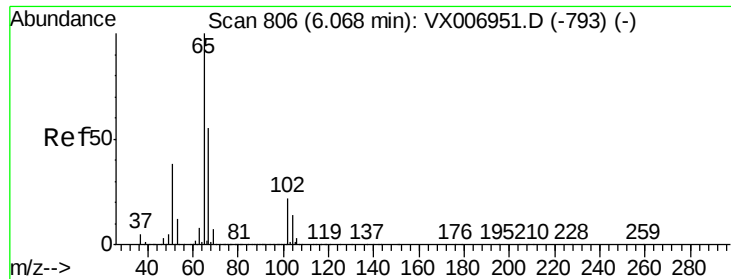
Tot Ion: 56 Resp: 312508
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 87.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.663 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 97 Resp: 342231
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 40.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.557 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

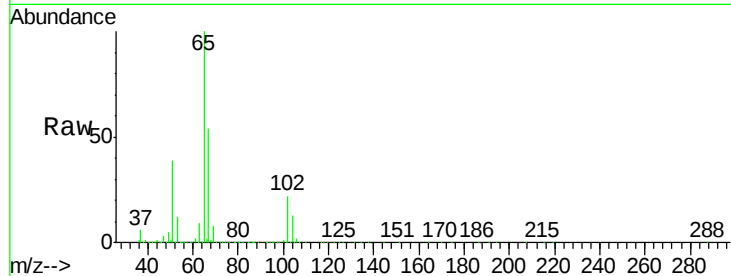
VSTDCCC050EC

Tot Ion: 65 Resp: 233080

Ion Ratio Lower Upper

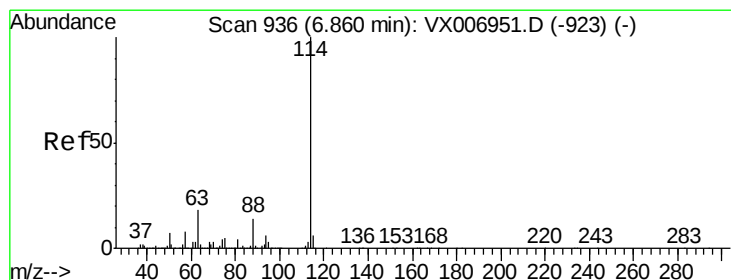
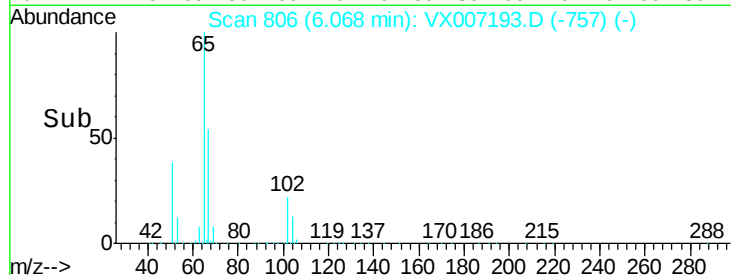
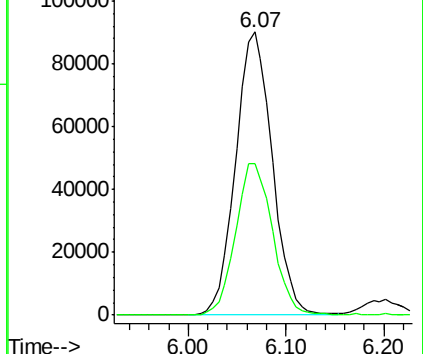
65 100

67 54.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

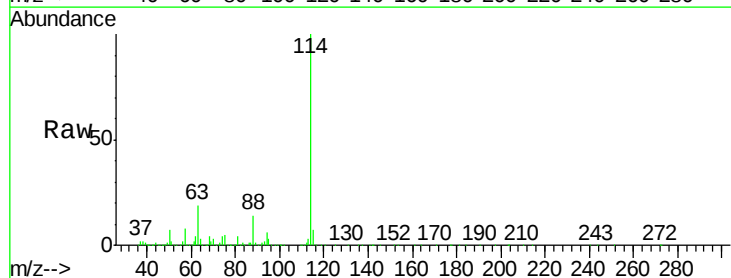
Tgt Ion: 114 Resp: 679973

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.8

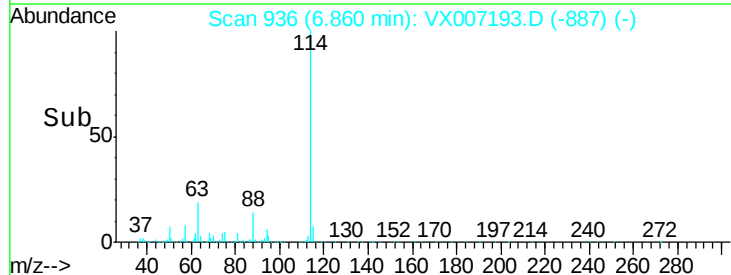
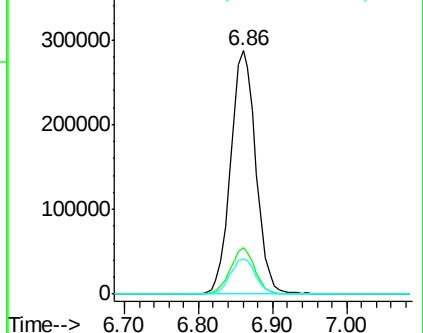
88 14.3 0.0 28.8

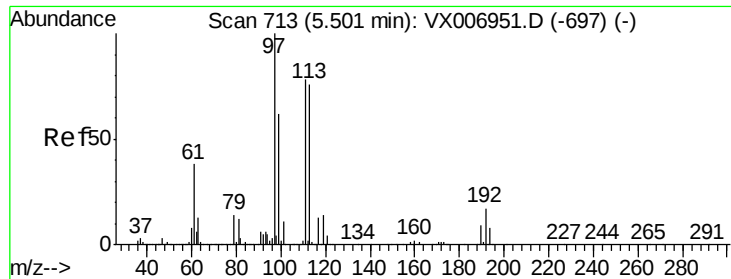


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.053 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

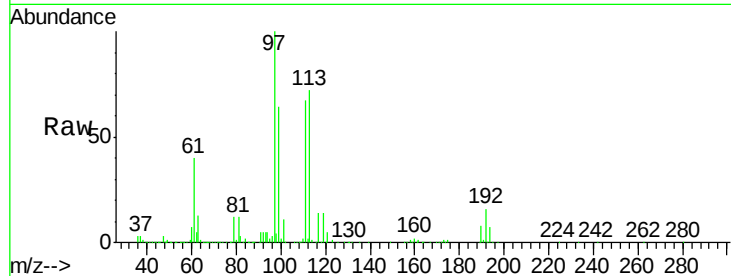
Tot Ion:113 Resp: 217958

Ion Ratio Lower Upper

113 100

111 100.0 81.6 122.4

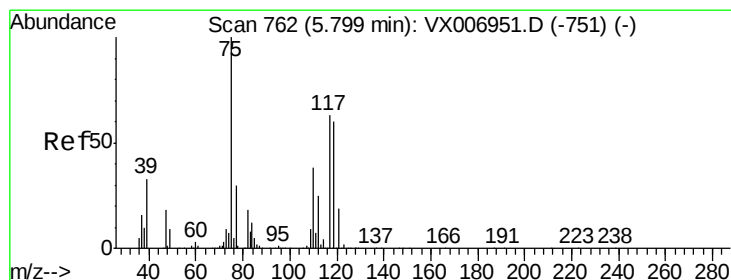
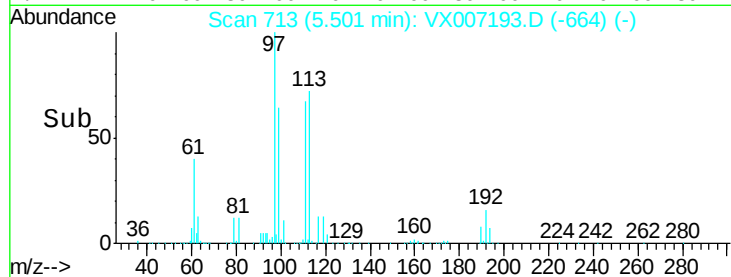
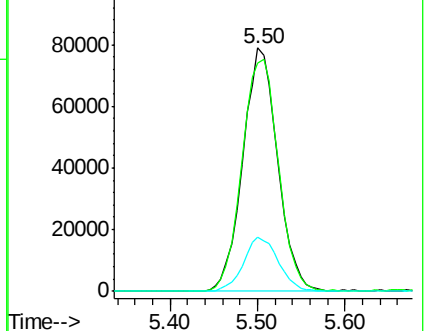
192 22.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.777 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

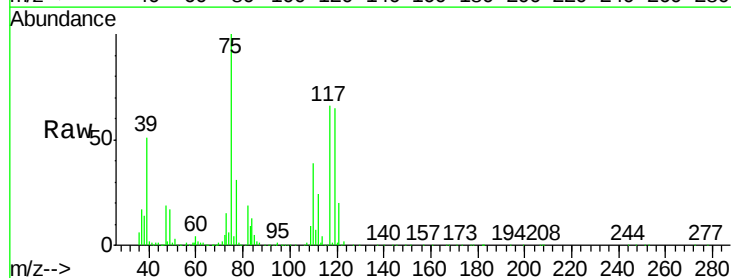
Tgt Ion: 75 Resp: 282447

Ion Ratio Lower Upper

75 100

110 40.1 20.2 60.5

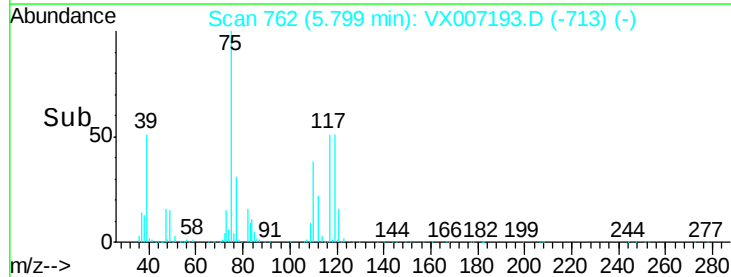
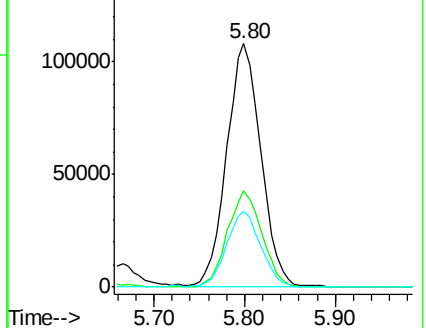
77 30.9 24.8 37.2

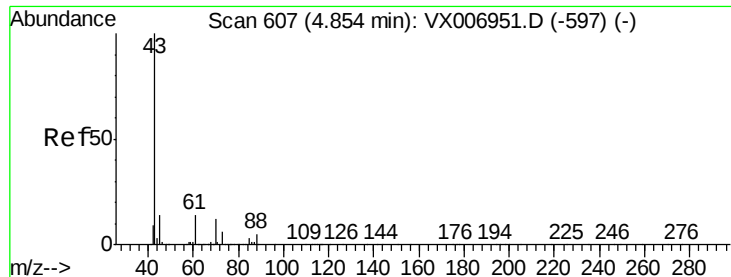


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 50.892 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

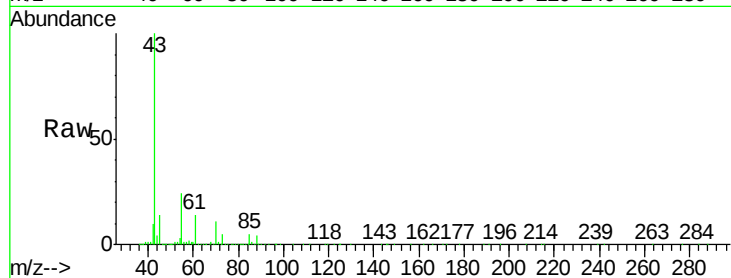
Tot Ion: 43 Resp: 322551

Ion Ratio Lower Upper

43 100

61 14.2 11.9 17.9

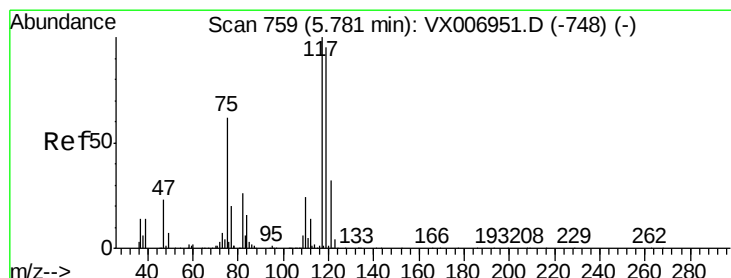
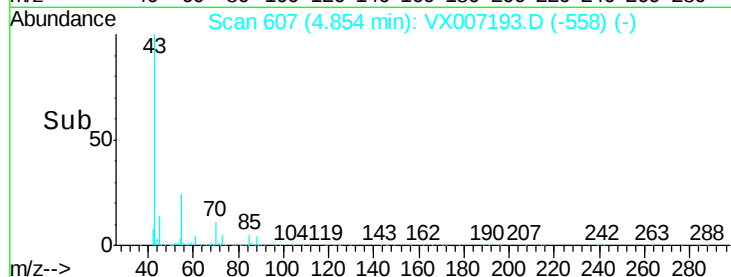
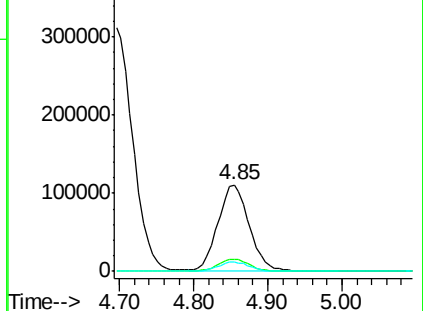
70 10.8 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX006951.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX006951.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 49.609 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

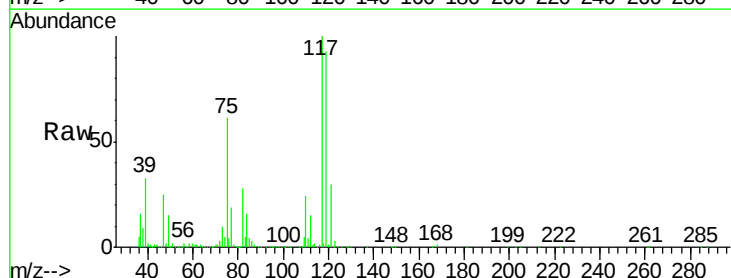
Tgt Ion: 117 Resp: 295073

Ion Ratio Lower Upper

117 100

119 93.4 79.4 119.2

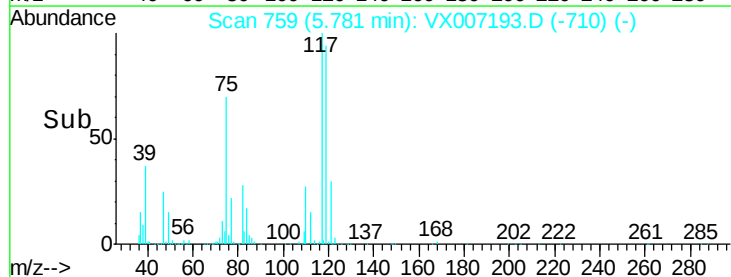
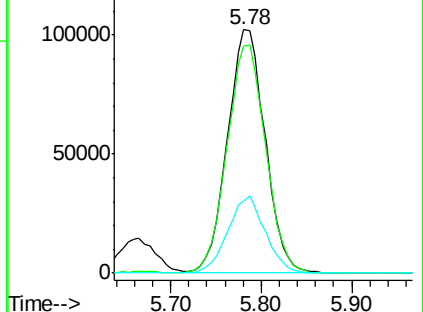
121 29.8 24.0 36.0

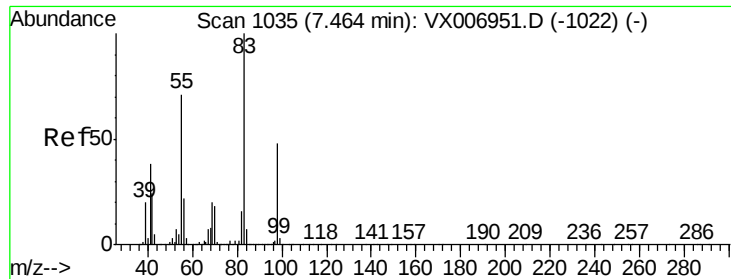


Abundance Ion 116.80 (116.50 to 117.50): VX006951.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX006951.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX006951.D (-748) (-)

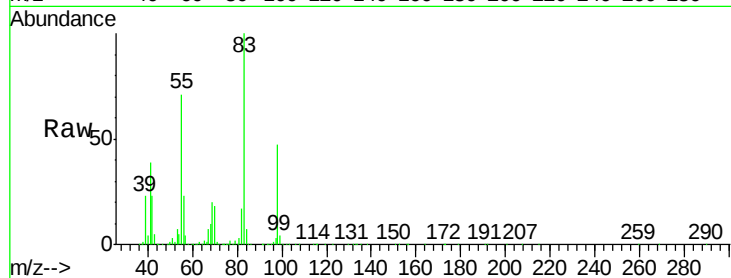




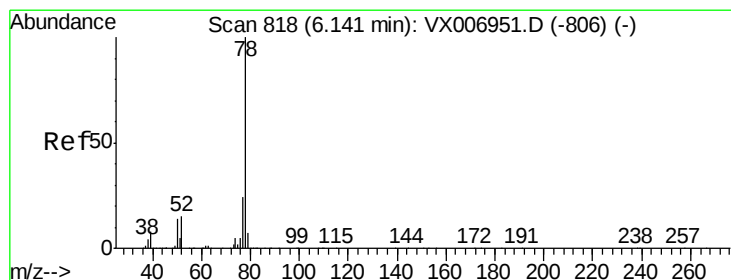
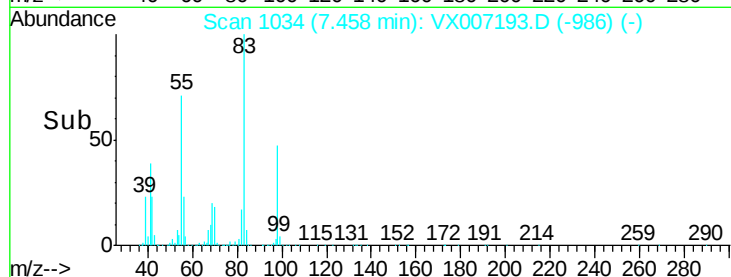
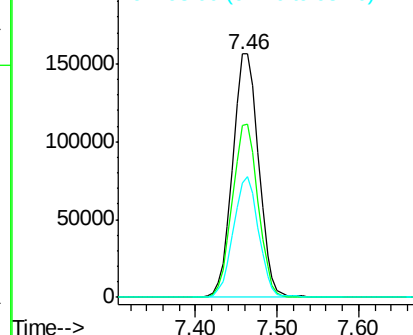
#39
Methvlcvclohexane
Concen: 45.526 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 343111
Ion Ratio Lower Upper
83 100
55 70.5 54.9 82.3
98 46.7 37.9 56.9

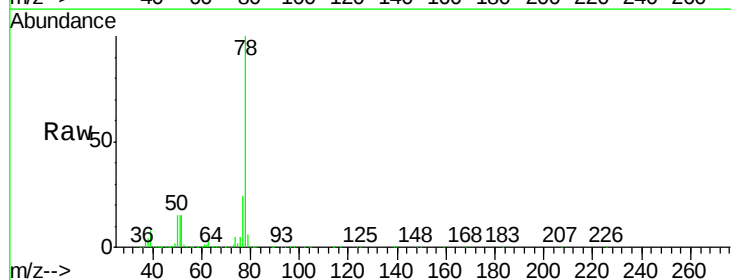


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

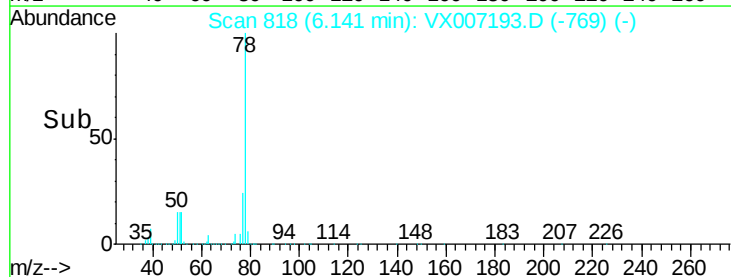
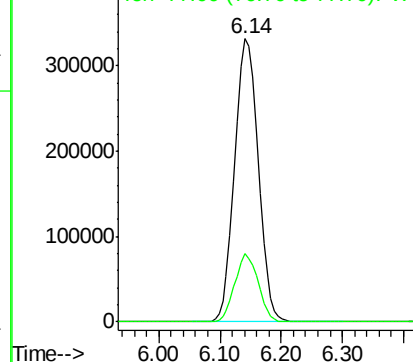


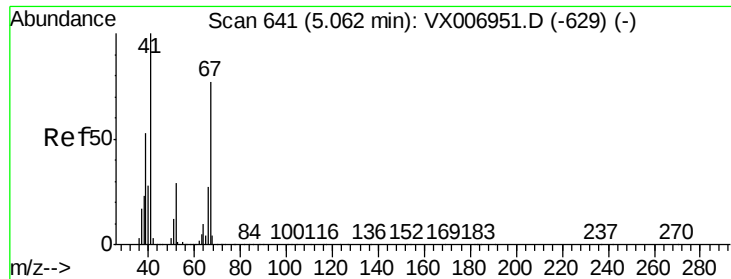
#40
Benzene
Concen: 48.944 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 78 Resp: 882890
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 49.040 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 179053

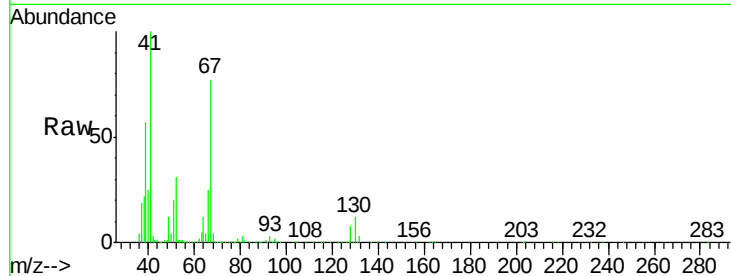
Ion Ratio Lower Upper

41 100

39 55.8 42.8 64.2

67 75.9 62.1 93.1

52 29.9 23.4 35.0

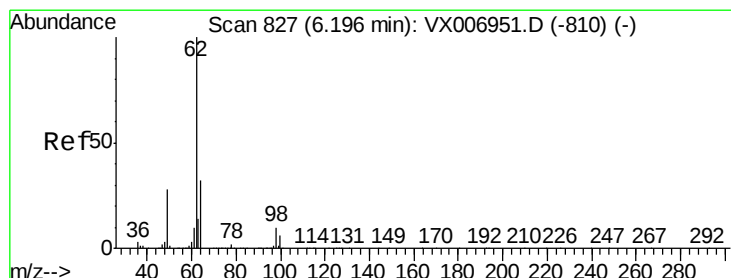
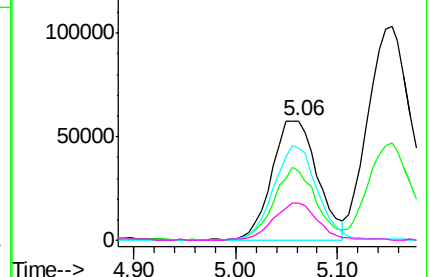
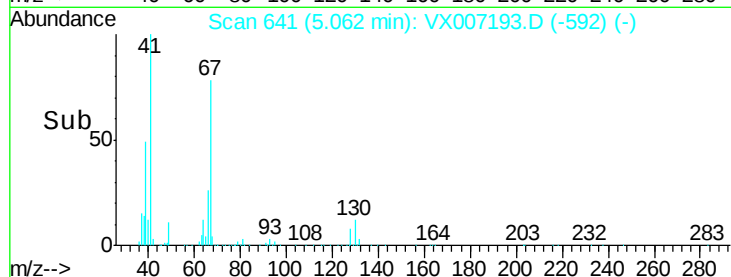


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.087 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007193.D

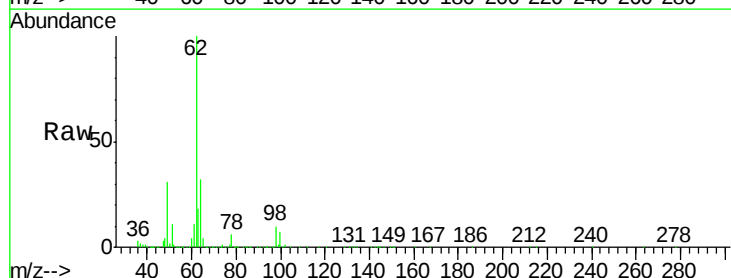
Acq: 22 Jan 2019 20:21

Tgt Ion: 62 Resp: 305984

Ion Ratio Lower Upper

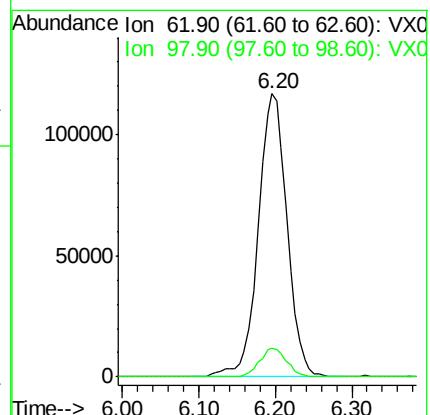
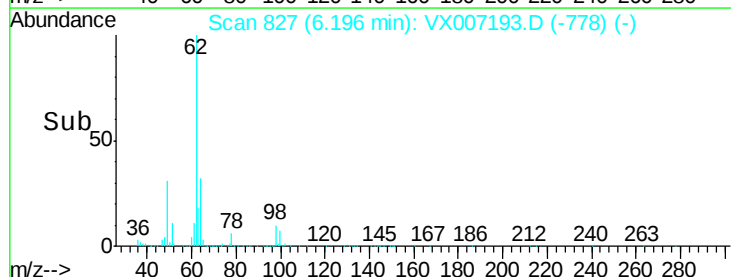
62 100

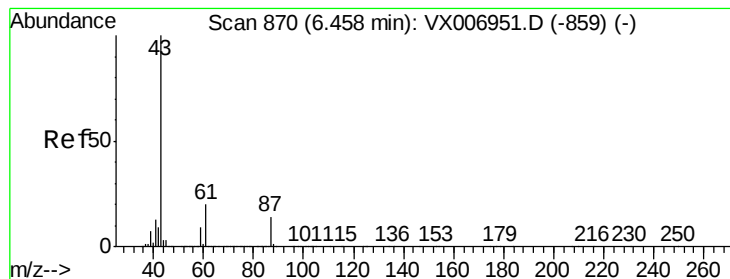
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.246 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

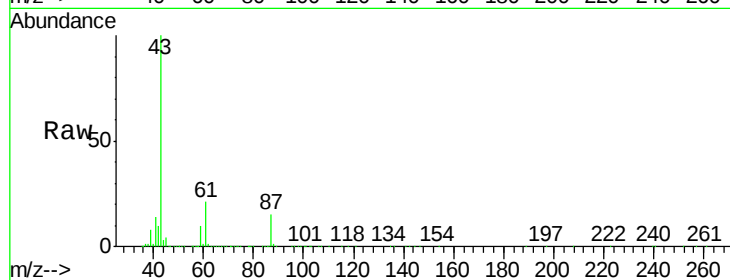
Tot Ion: 43 Resp: 512323

Ion Ratio Lower Upper

43 100

61 20.8 16.8 25.2

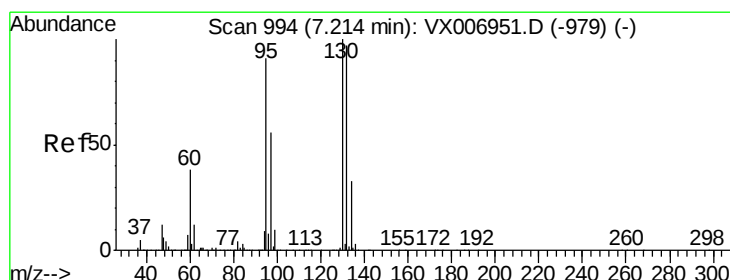
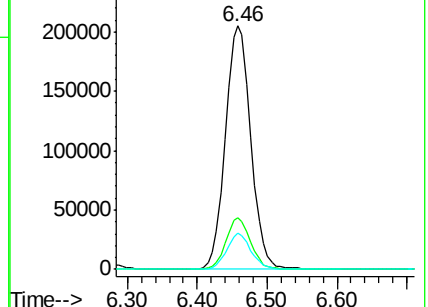
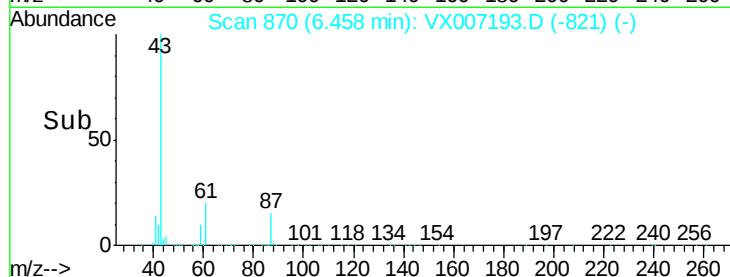
87 14.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX006951.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX006951.D (-859) (-)



#44

Trichloroethene

Concen: 47.879 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007193.D

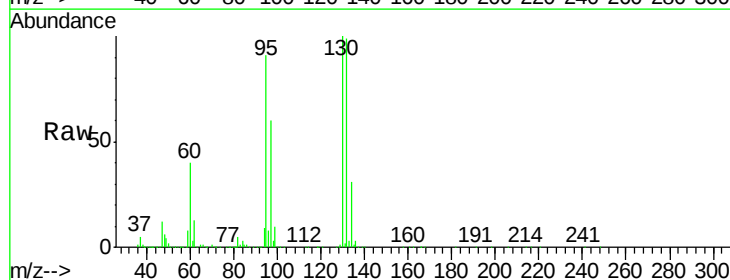
Acq: 22 Jan 2019 20:21

Tgt Ion:130 Resp: 258811

Ion Ratio Lower Upper

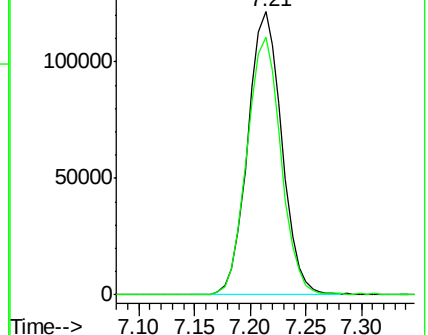
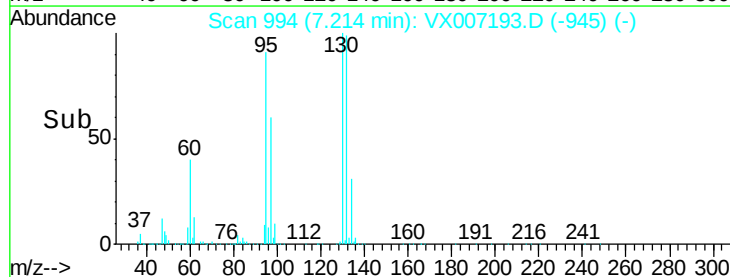
130 100

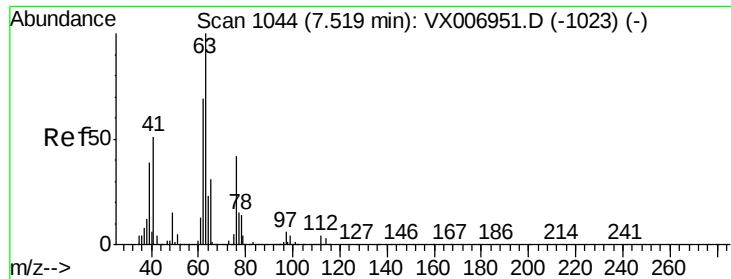
95 91.2 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006951.D (-979) (-)

Ion 94.90 (94.60 to 95.60): VX006951.D (-979) (-)





#45

1,2-Dichloropropane

Concen: 50.895 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

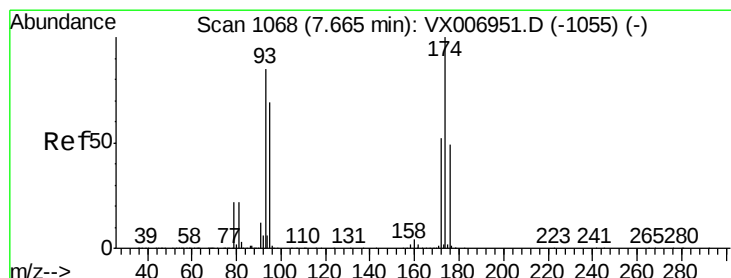
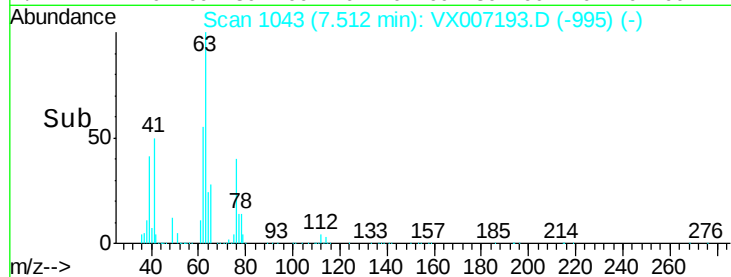
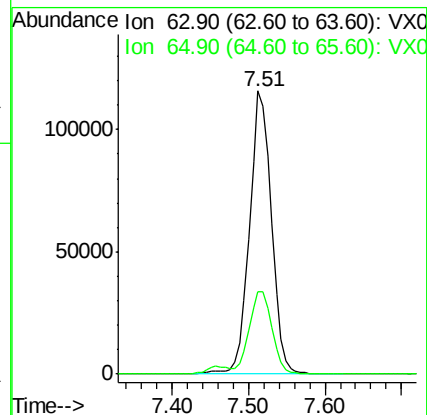
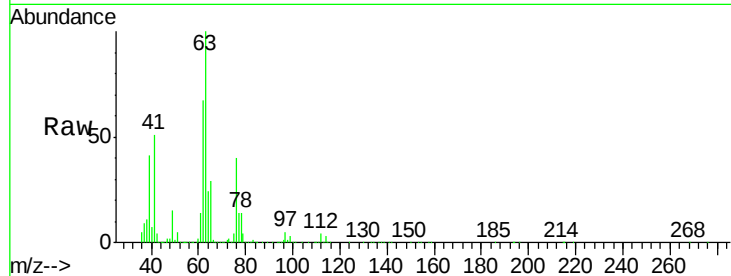
VSTDCCC050EC

Tot Ion: 63 Resp: 230807

Ion Ratio Lower Upper

63 100

65 29.2 25.4 38.0



#46

Dibromomethane

Concen: 51.318 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

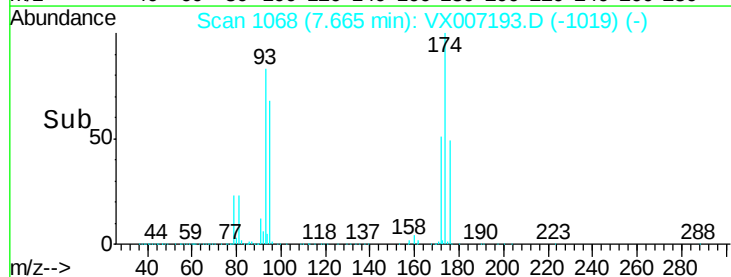
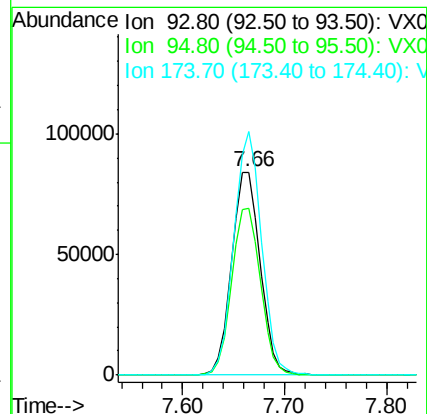
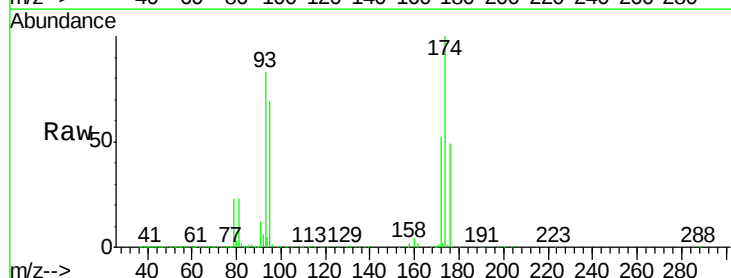
Tgt Ion: 93 Resp: 163562

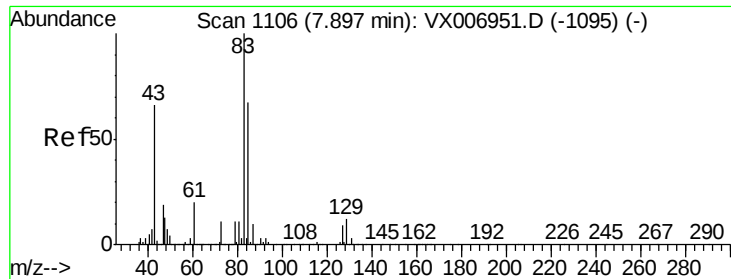
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 115.8 91.0 136.4





#47

Bromodichloromethane

Concen: 53.503 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

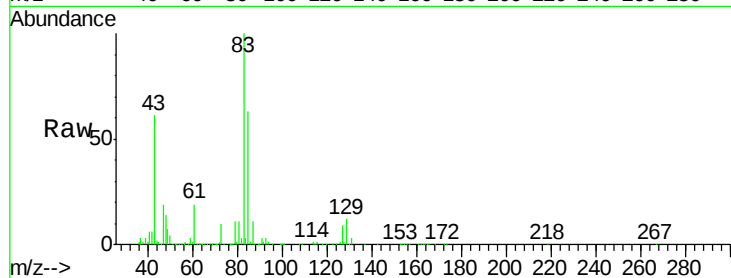
Tot Ion: 83 Resp: 290260

Ion Ratio Lower Upper

83 100

85 63.4 53.2 79.8

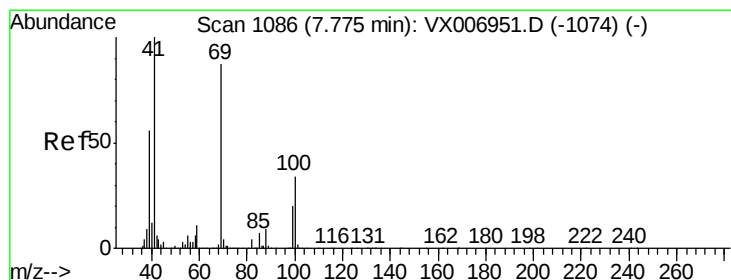
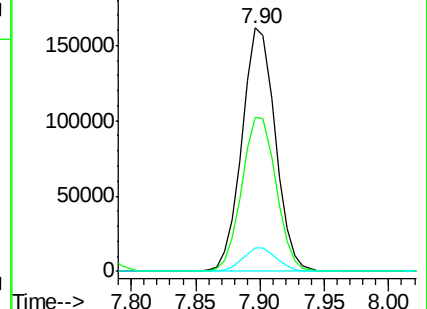
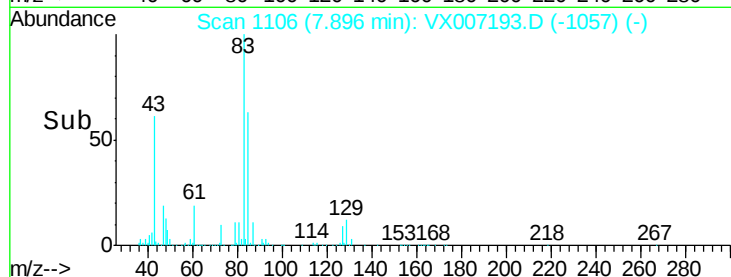
127 9.4 7.8 11.6



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: 52.108 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

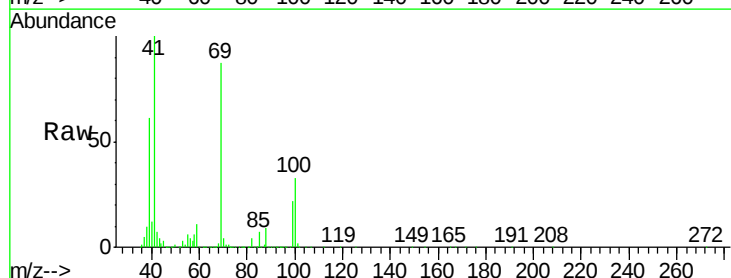
Tgt Ion: 41 Resp: 267523

Ion Ratio Lower Upper

41 100

69 88.2 72.4 108.6

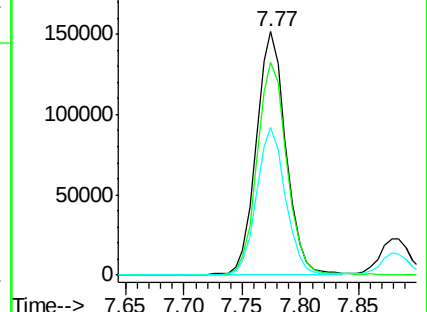
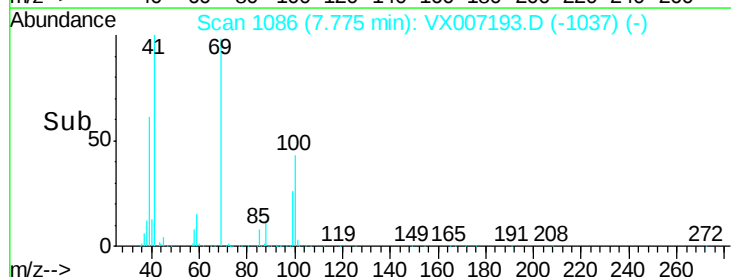
39 59.8 45.8 68.8

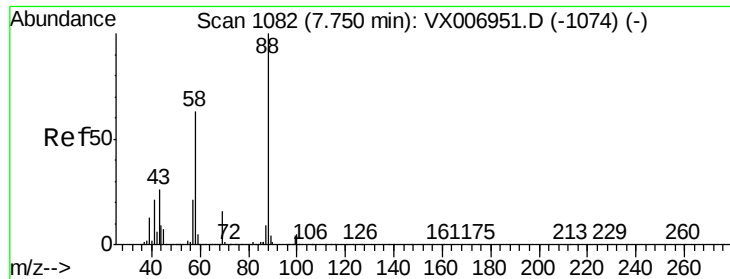


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1052.805 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

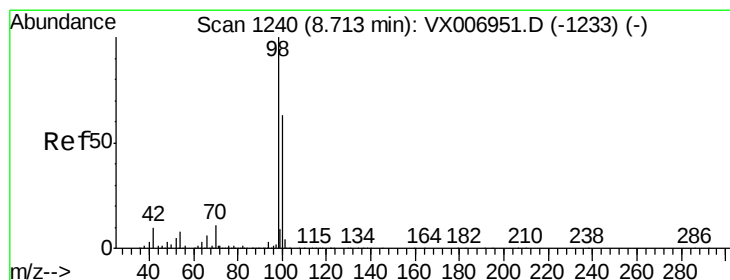
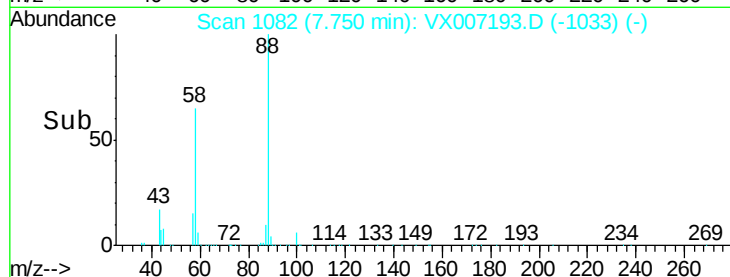
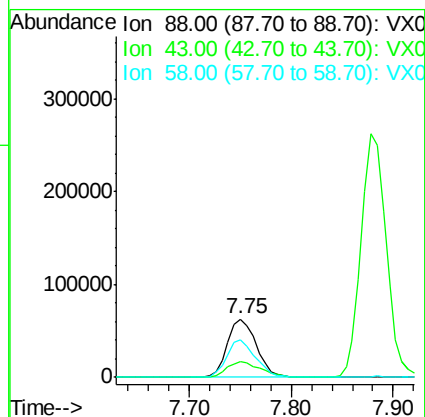
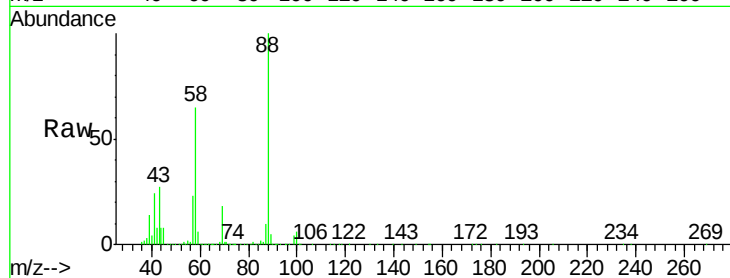
Tot Ion: 88 Resp: 123383

Ion Ratio Lower Upper

88 100

43 30.2 22.2 33.4

58 63.5 51.0 76.4



#50

Toluene-d8

Concen: 49.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007193.D

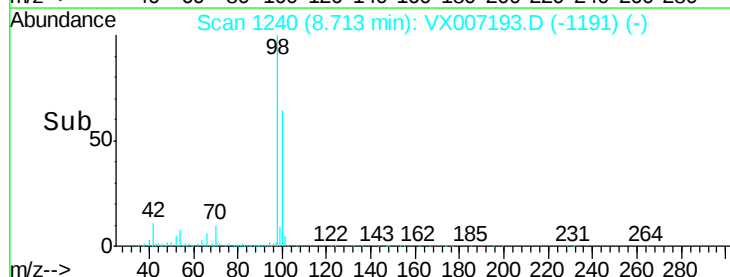
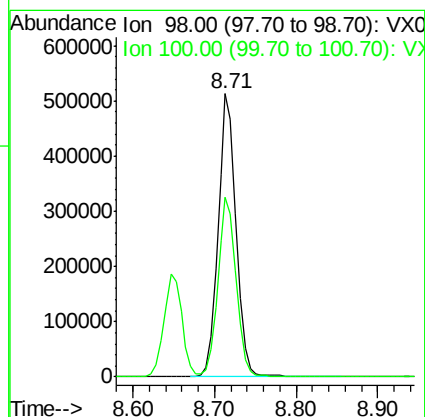
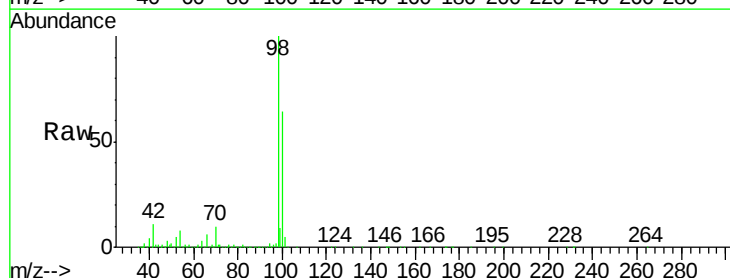
Acq: 22 Jan 2019 20:21

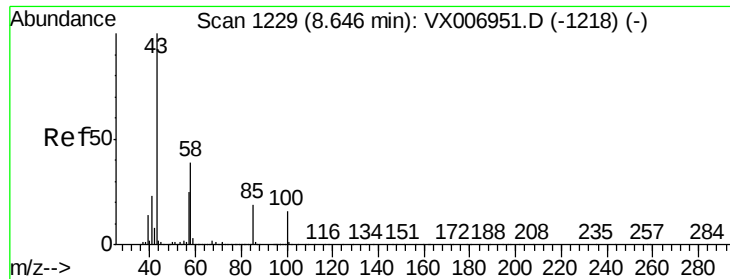
Tgt Ion: 98 Resp: 791541

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 274.000 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

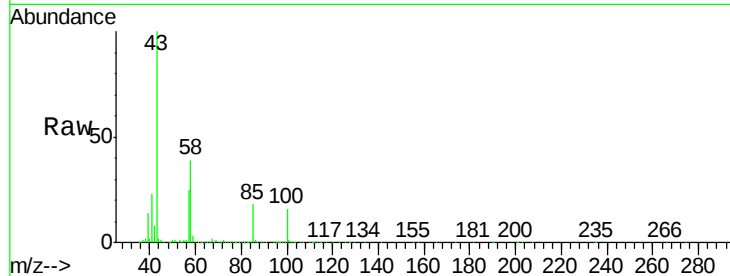
VSTDCCC050EC

Tot Ion: 43 Resp: 1760417

Ion Ratio Lower Upper

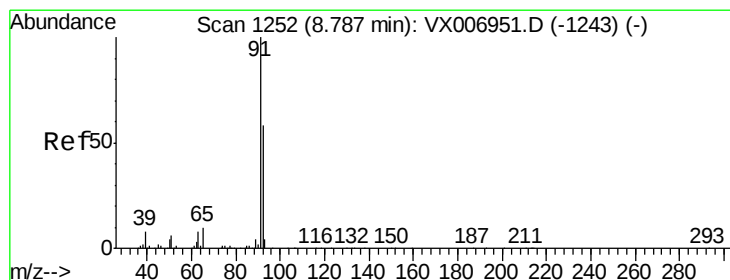
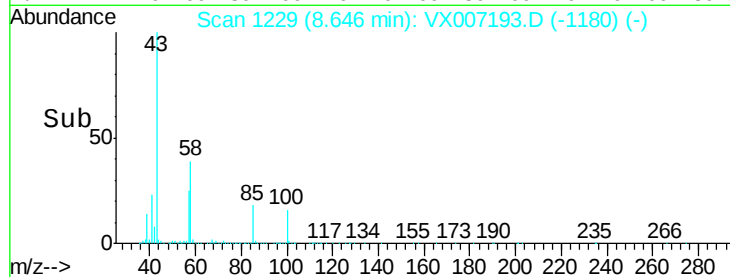
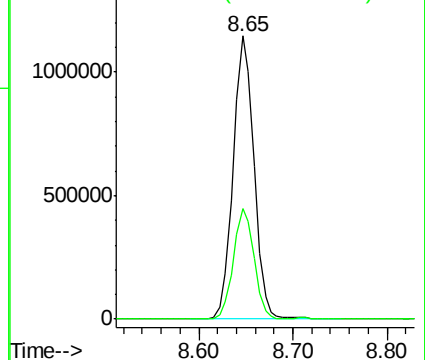
43 100

58 38.9 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.922 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007193.D

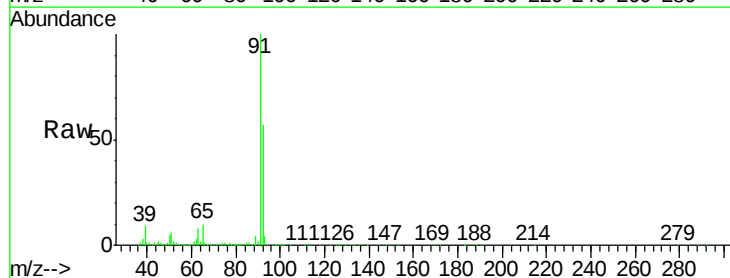
Acq: 22 Jan 2019 20:21

Tgt Ion: 92 Resp: 578795

Ion Ratio Lower Upper

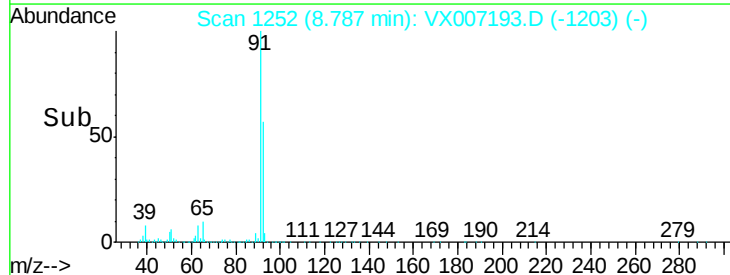
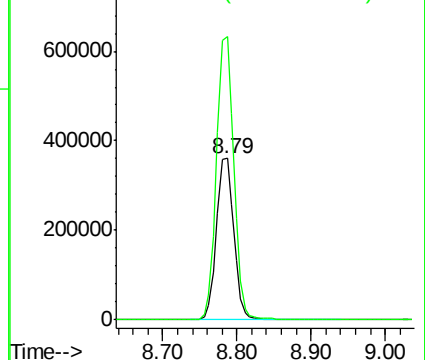
92 100

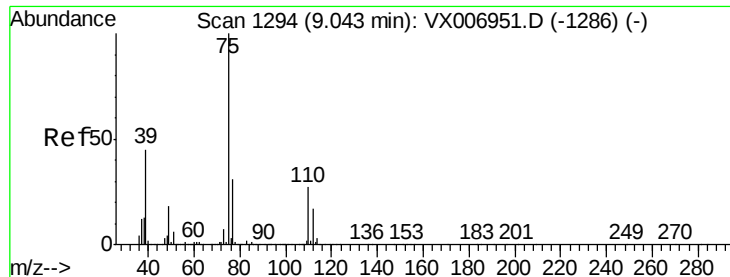
91 175.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.374 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

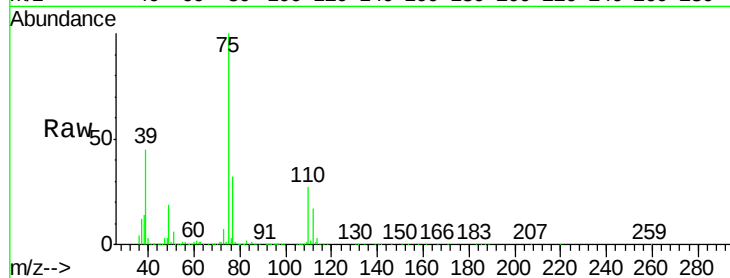
VSTDCCC050EC

Tot Ion: 75 Resp: 321082

Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

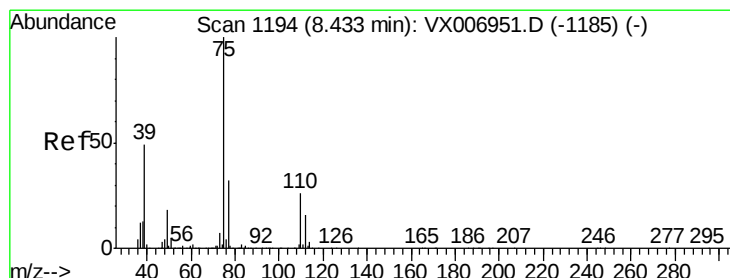
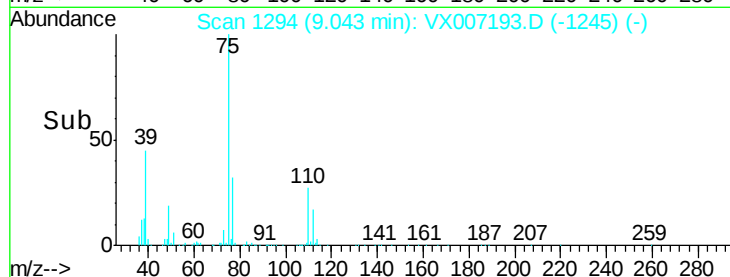
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.759 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

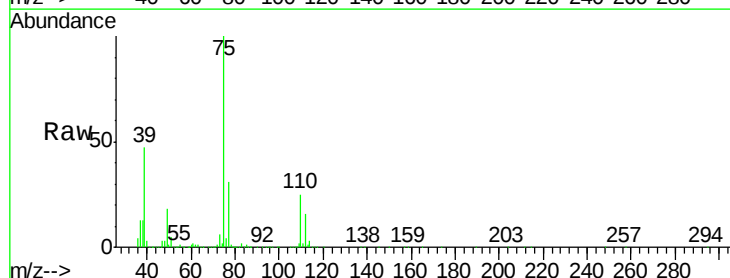
Tgt Ion: 75 Resp: 350502

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.2

39 47.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

300000

250000

200000

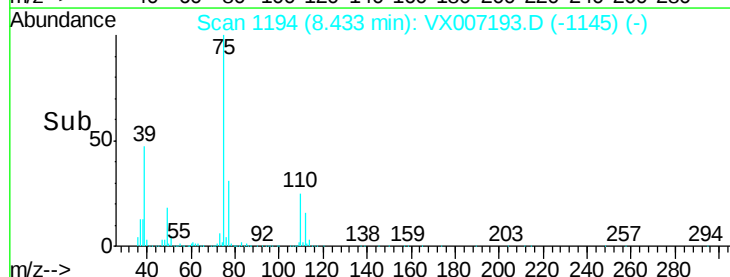
150000

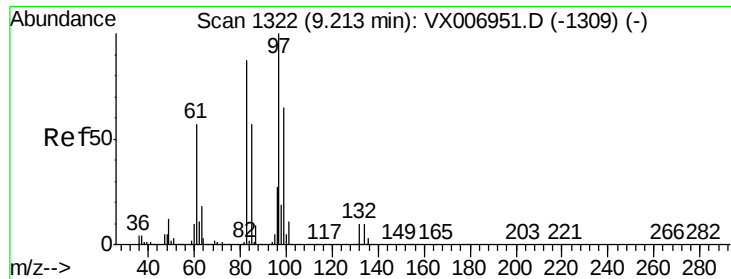
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 54.113 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 251120

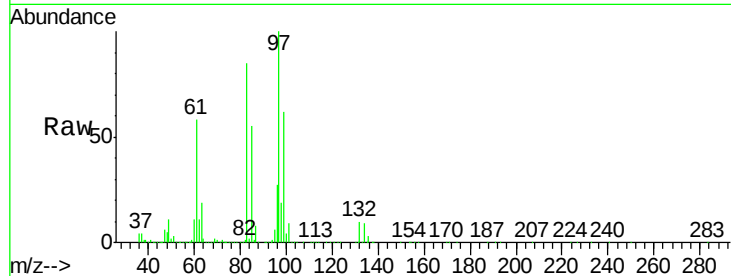
Ion Ratio Lower Upper

97 100

83 85.1 66.6 99.8

85 54.6 42.7 64.1

99 61.9 50.8 76.2

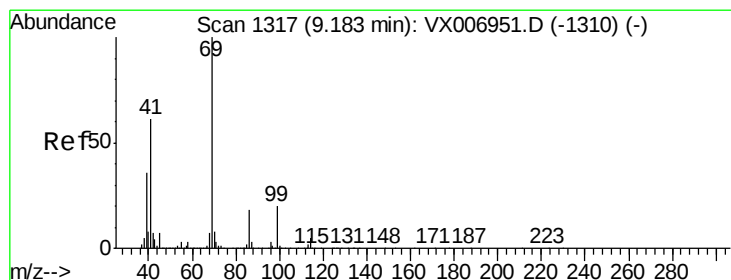
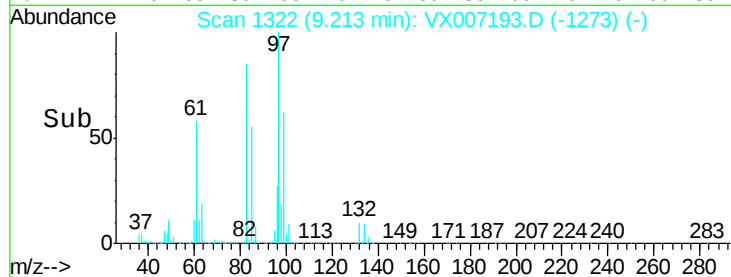
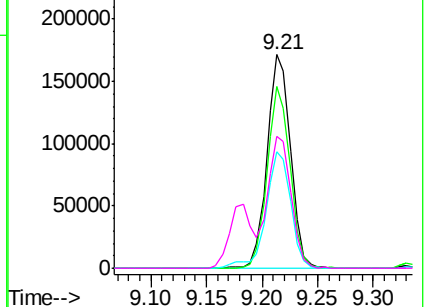


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.780 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

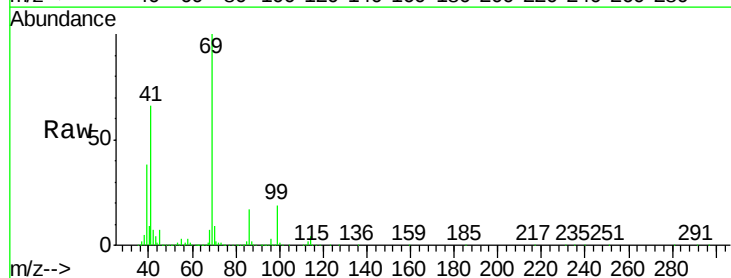
Tgt Ion: 69 Resp: 371120

Ion Ratio Lower Upper

69 100

41 63.8 48.7 73.1

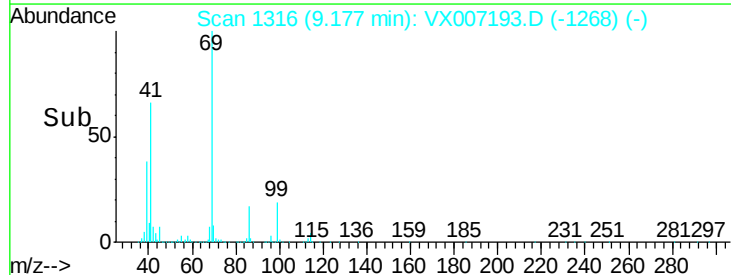
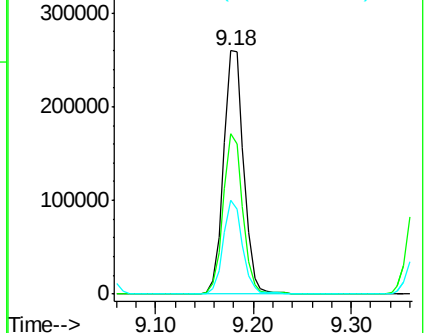
39 36.7 27.0 40.6

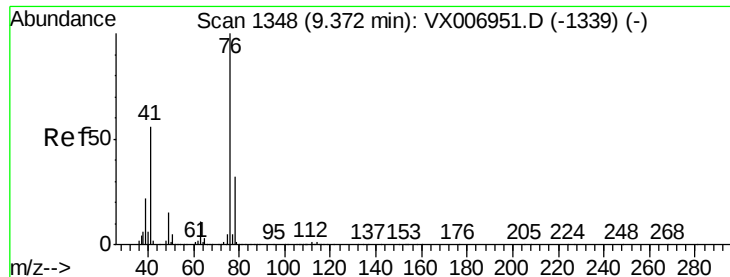


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

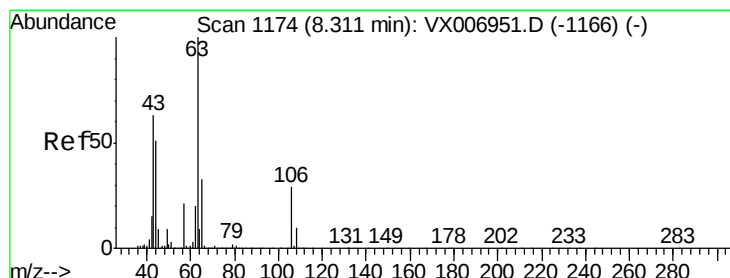
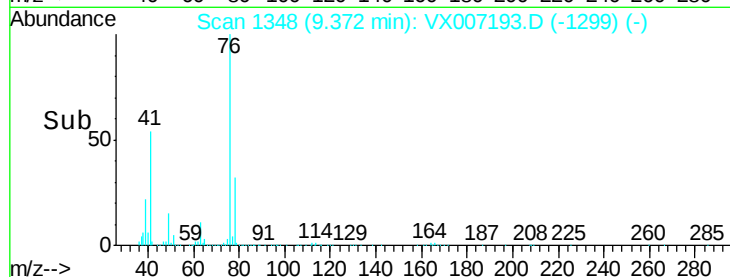
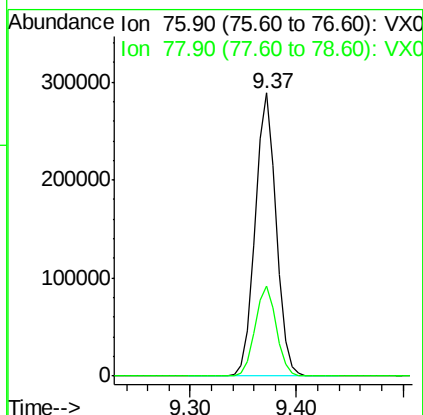
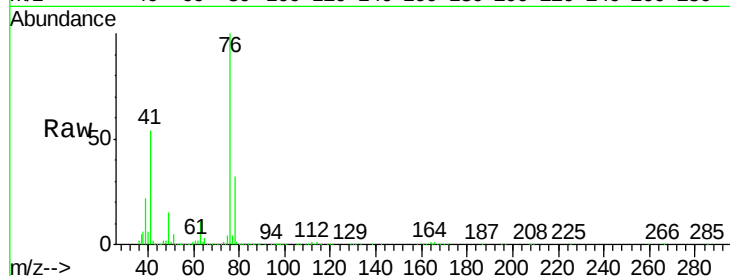




#57
 1,3-Dichloropropane
 Concen: 52.571 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

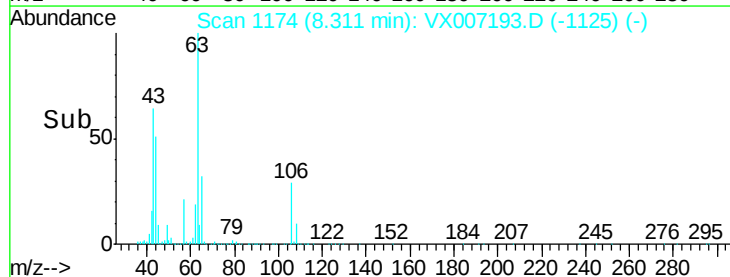
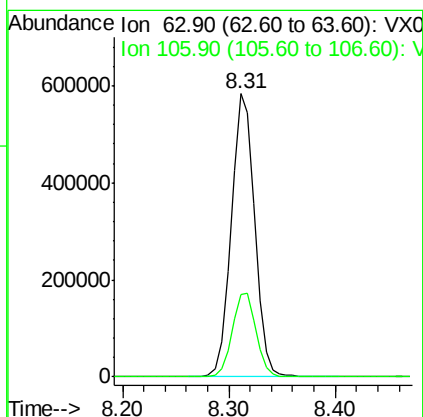
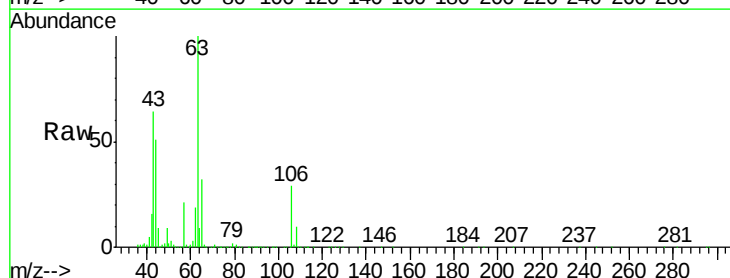
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

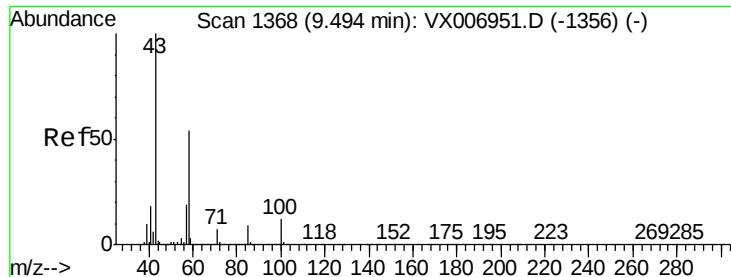
Tot Ion: 76 Resp: 399682
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.223 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion: 63 Resp: 899469
 Ion Ratio Lower Upper
 63 100
 106 30.1 24.6 36.8

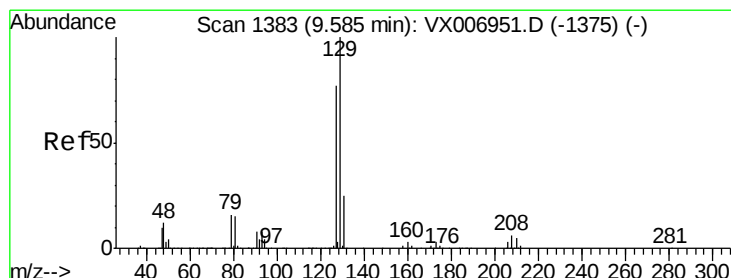
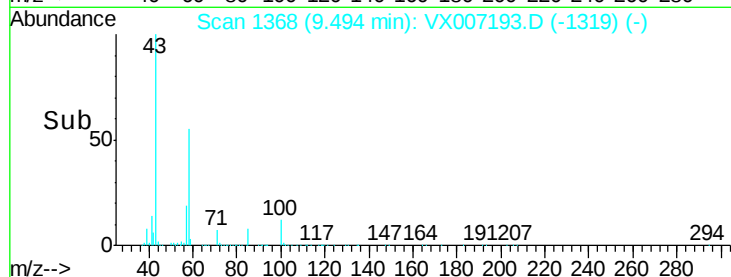
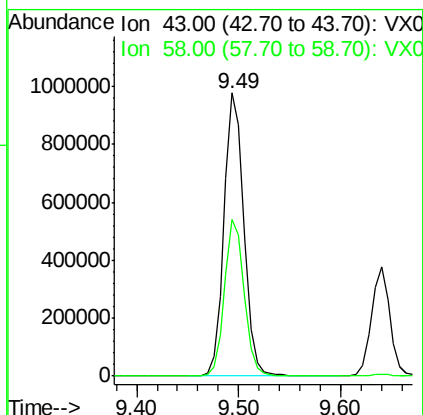
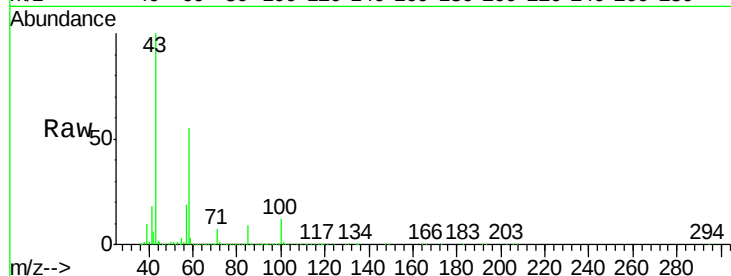




#59
2-Hexanone
Concen: 269.748 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

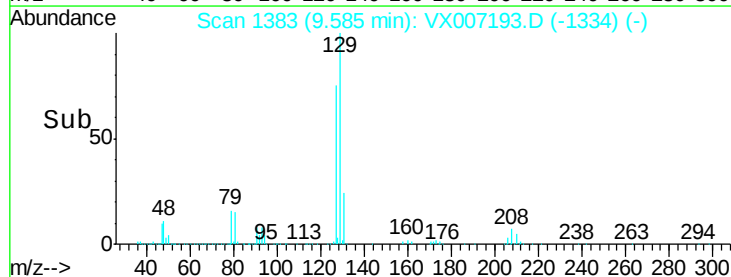
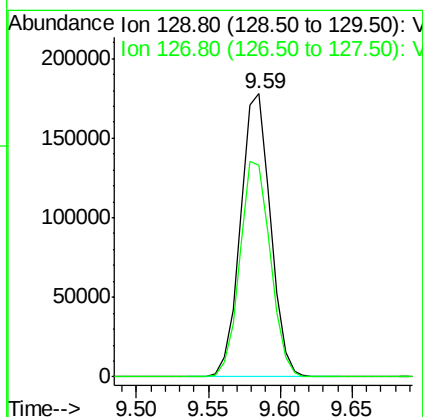
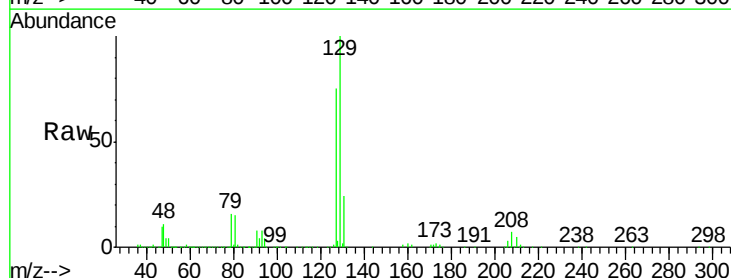
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

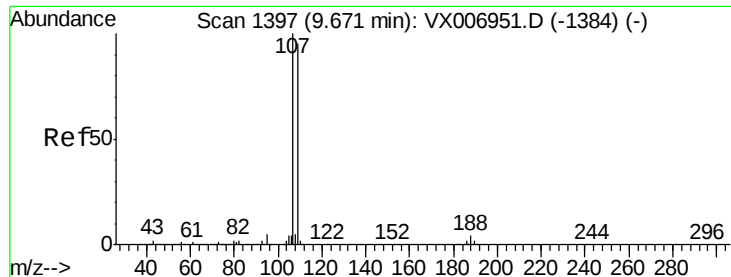
Tot Ion: 43 Resp: 1320720
Ion Ratio Lower Upper
43 100
58 54.8 27.7 83.1



#60
Dibromochloromethane
Concen: 56.842 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 129 Resp: 256146
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.654 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

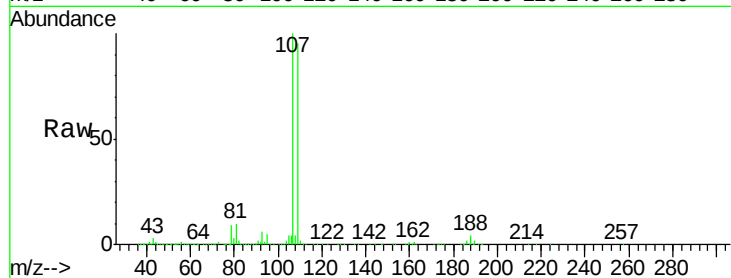
VSTDCCC050EC

Tot Ion:107 Resp: 269004

Ion Ratio Lower Upper

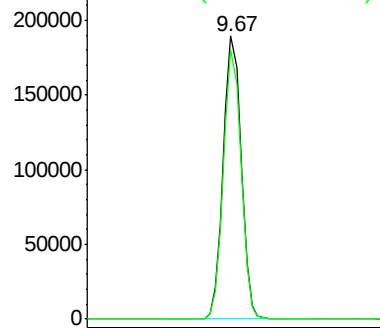
107 100

109 94.1 75.8 113.6

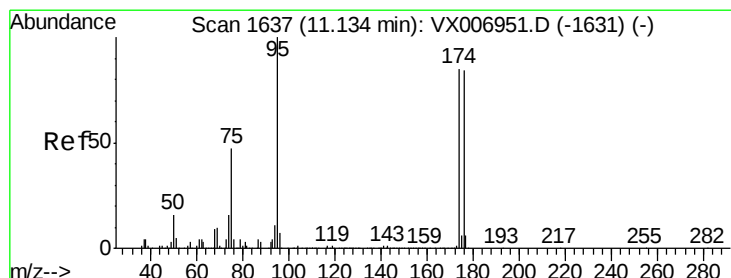
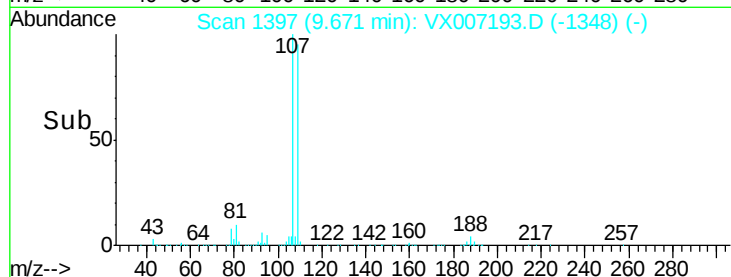


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 52.641 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

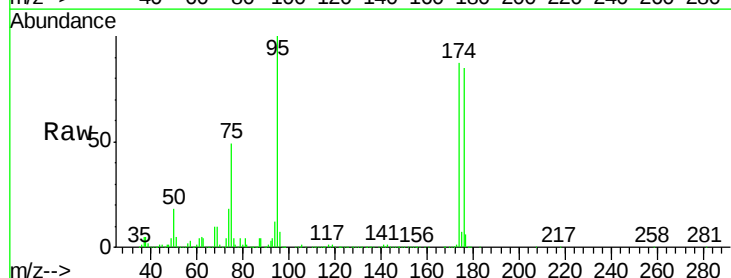
Tgt Ion: 95 Resp: 292508

Ion Ratio Lower Upper

95 100

174 95.6 0.0 182.2

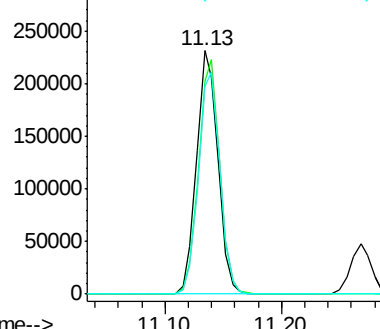
176 92.4 0.0 178.8



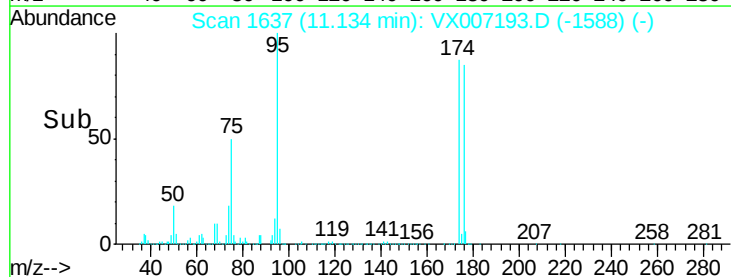
Abundance Ion 94.90 (94.60 to 95.60): VX0

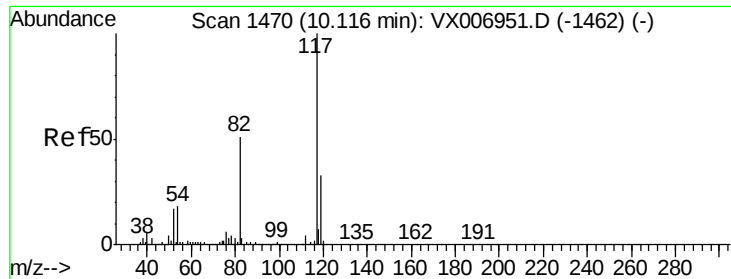
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

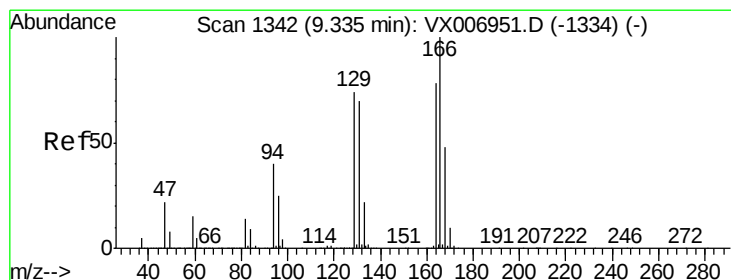
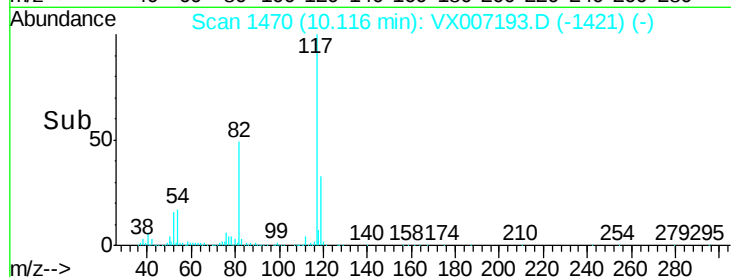
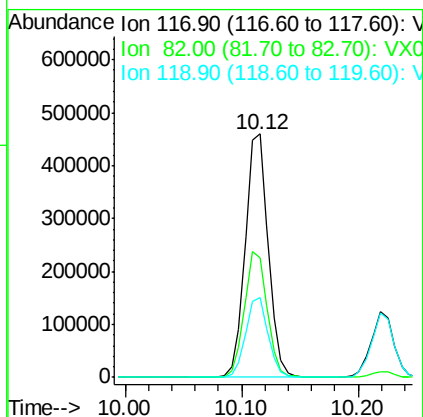
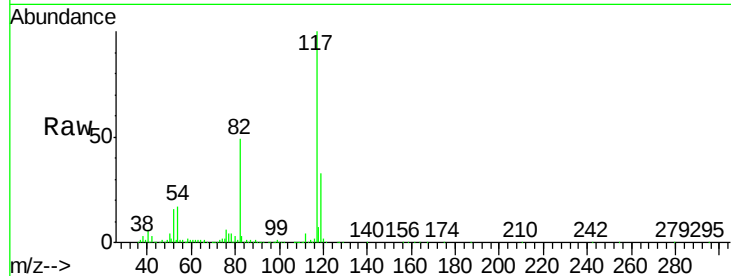




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

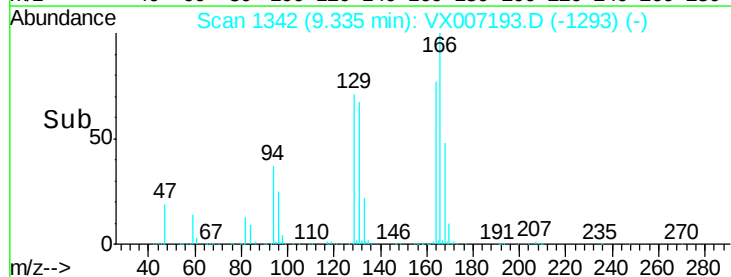
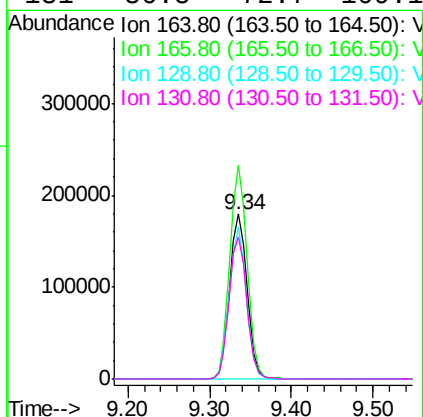
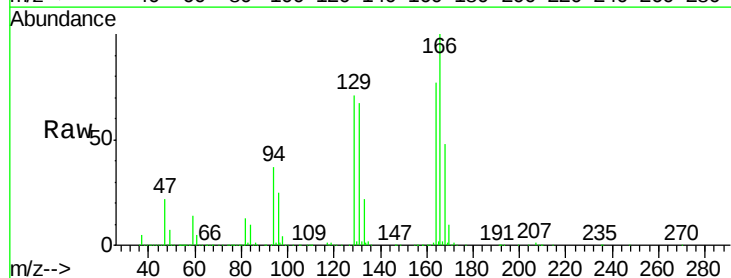
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

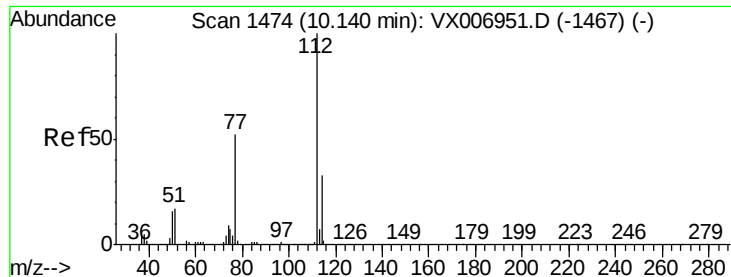
Tot Ion:117 Resp: 635970
Ion Ratio Lower Upper
117 100
82 49.2 41.0 61.6
119 33.0 25.4 38.0



#64
Tetrachloroethene
Concen: 47.769 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion:164 Resp: 263019
Ion Ratio Lower Upper
164 100
166 129.5 102.5 153.7
129 92.0 75.1 112.7
131 86.5 72.7 109.1





#65

Chlorobenzene

Concen: 49.574 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

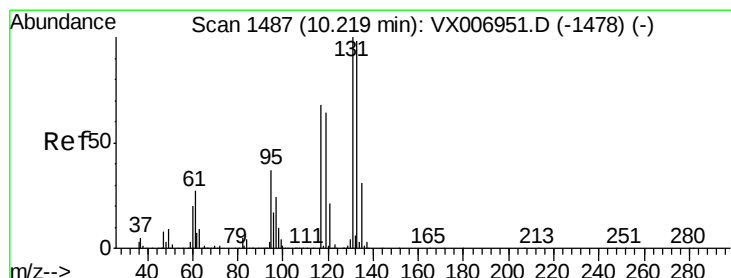
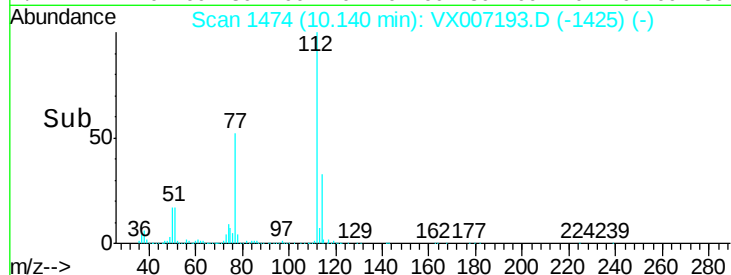
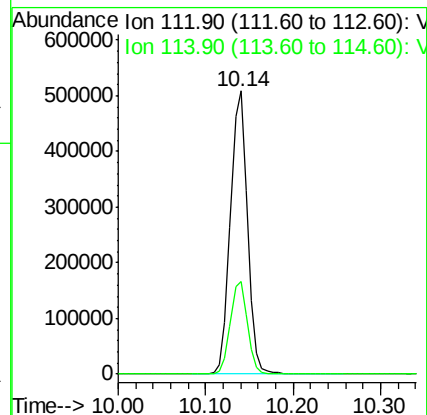
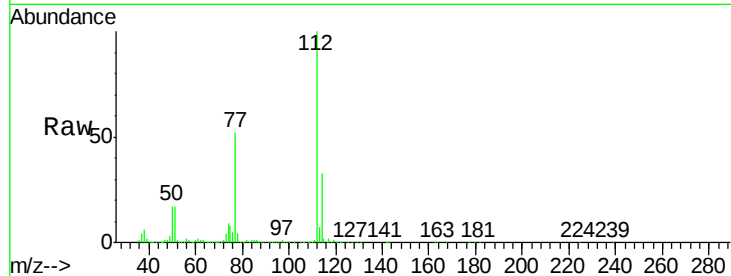
VSTDCCC050EC

Tot Ion:112 Resp: 687633

Ion Ratio Lower Upper

112 100

114 32.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.041 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

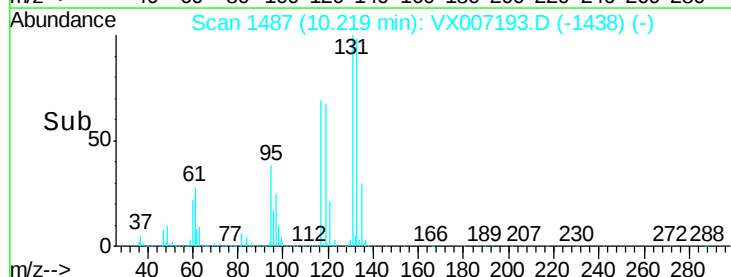
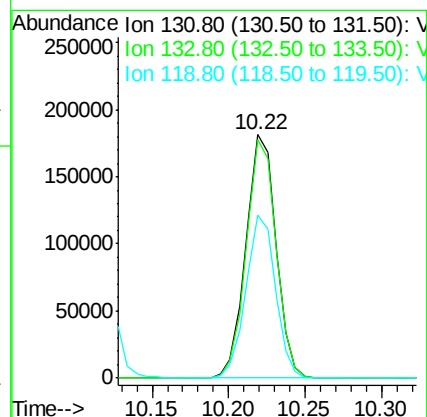
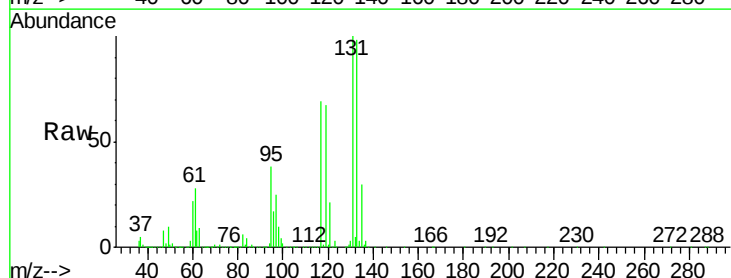
Tgt Ion:131 Resp: 247496

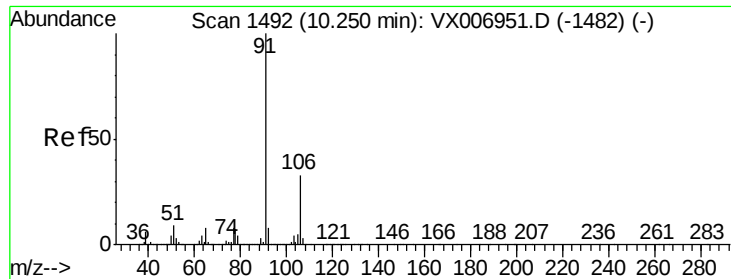
Ion Ratio Lower Upper

131 100

133 97.3 48.0 144.2

119 66.2 32.6 97.8

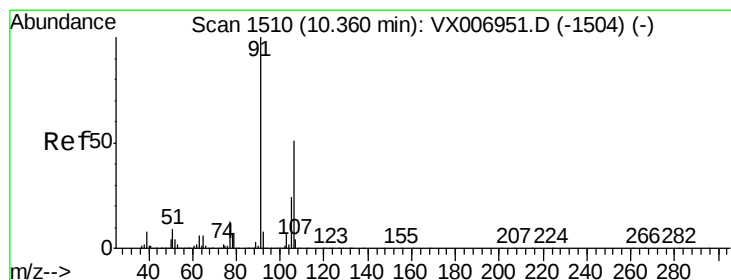
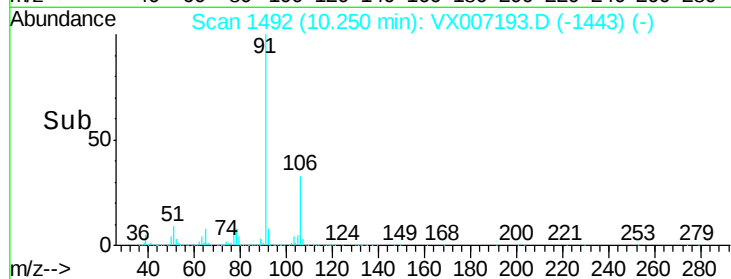
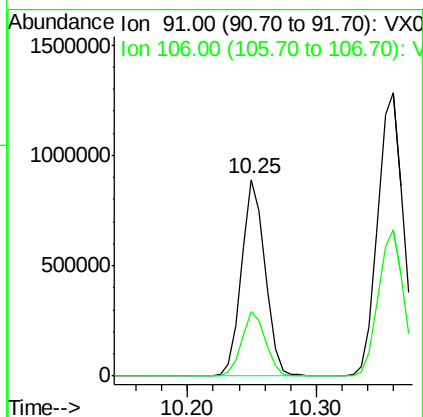
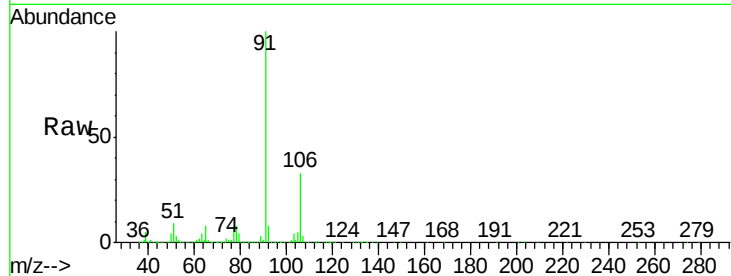




#67
Ethyl Benzene
Concen: 49.022 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

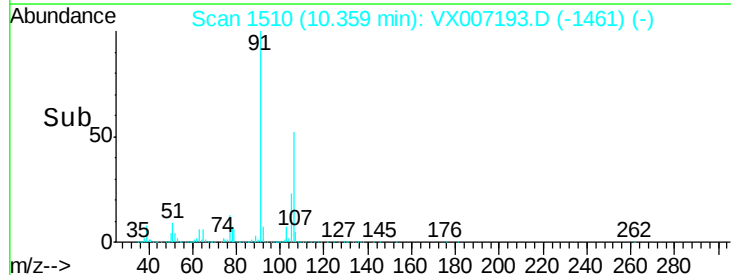
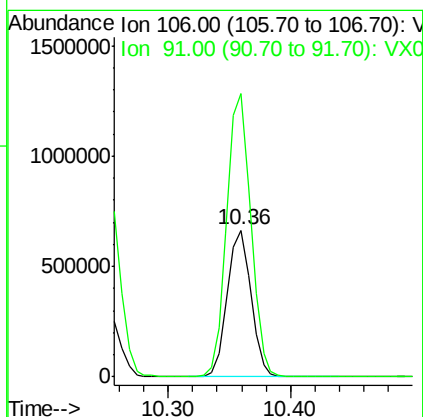
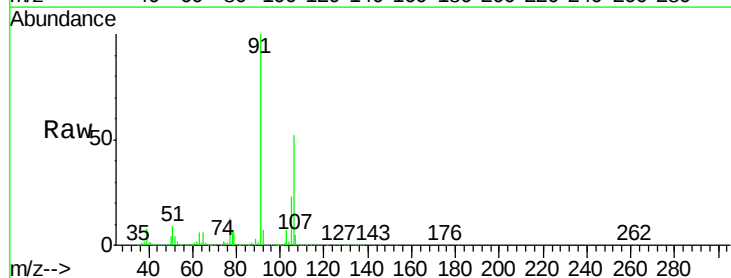
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

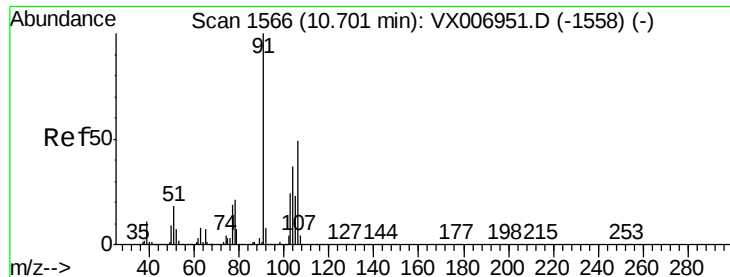
Tot Ion: 91 Resp: 1122556
Ion Ratio Lower Upper
91 100
106 32.9 26.4 39.6



#68
m/p-Xylenes
Concen: 98.873 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 106 Resp: 892019
Ion Ratio Lower Upper
106 100
91 196.8 155.8 233.6

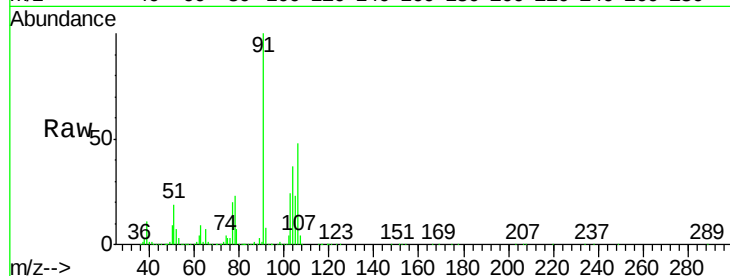




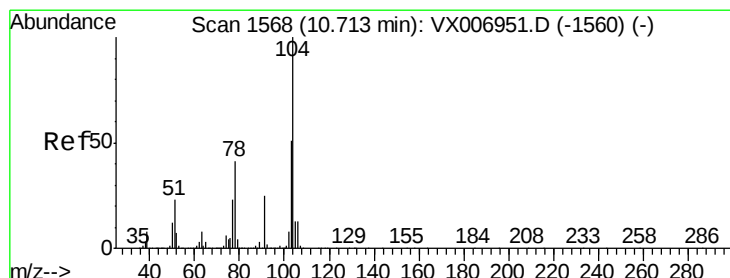
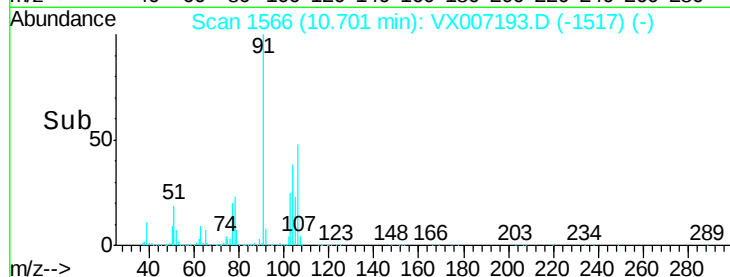
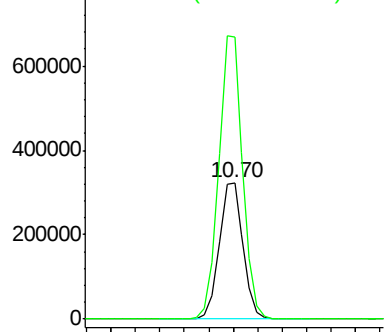
#69
o-Xylene
Concen: 49.615 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 436542
Ion Ratio Lower Upper
106 100
91 208.0 101.3 303.7

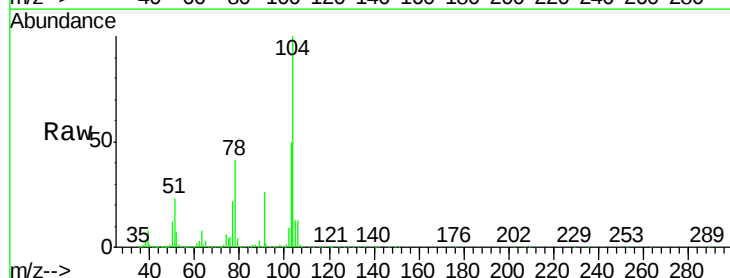


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

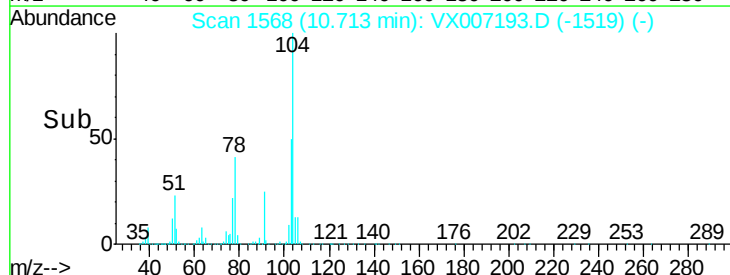
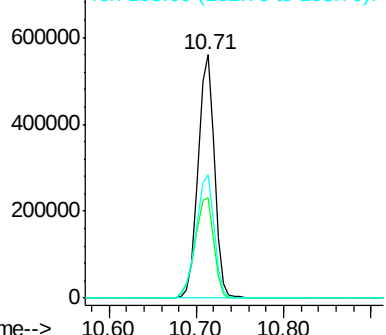


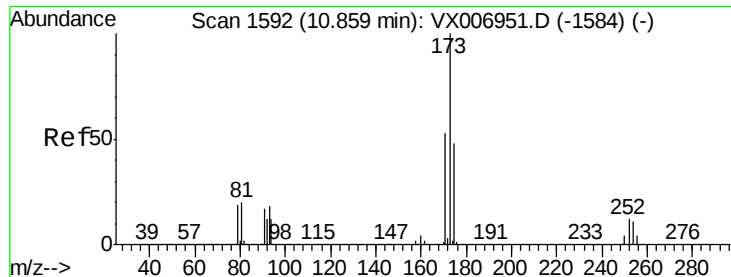
#70
Styrene
Concen: 52.064 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion:104 Resp: 725516
Ion Ratio Lower Upper
104 100
78 47.5 37.7 56.5
103 56.2 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: 47.985 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

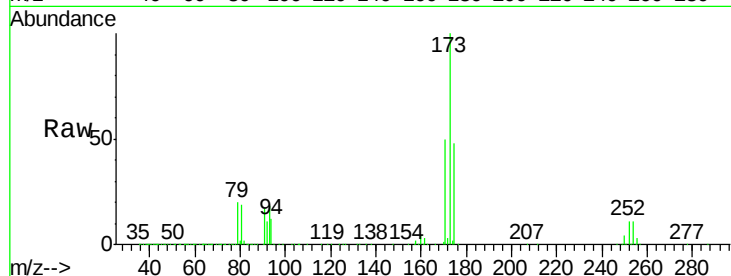
Tot Ion:173 Resp: 199441

Ion Ratio Lower Upper

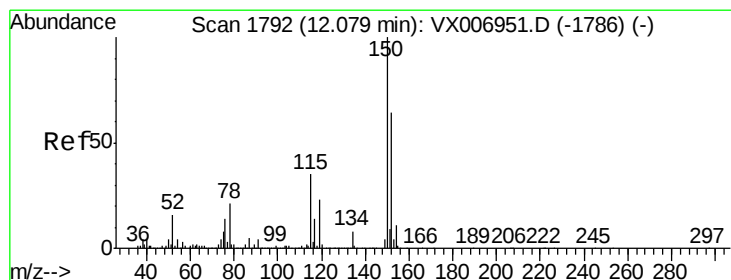
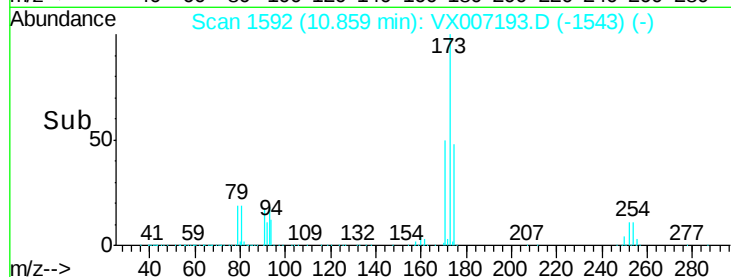
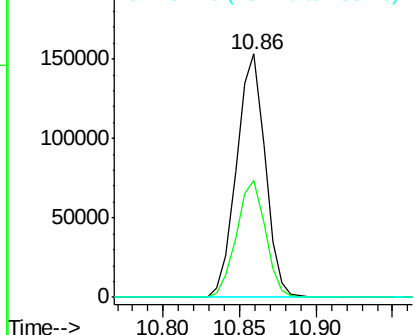
173 100

175 48.7 24.7 74.1

254 0.3 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: VX007193.D

Acq: 22 Jan 2019 20:21

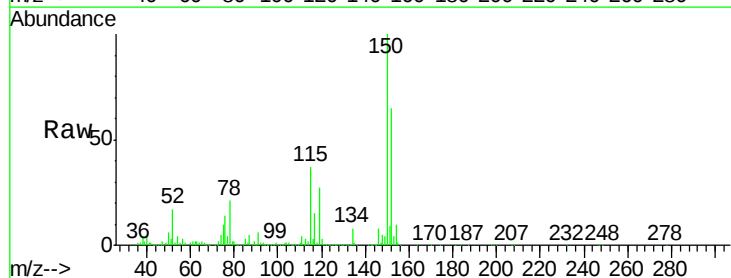
Tgt Ion:152 Resp: 338713

Ion Ratio Lower Upper

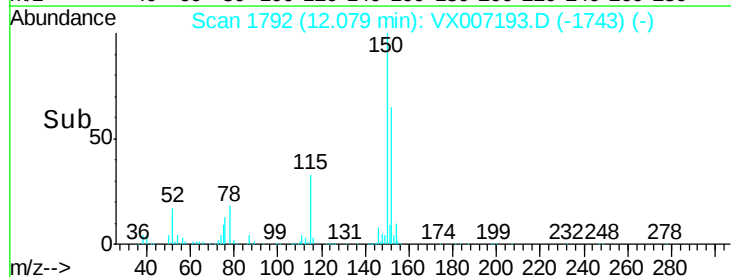
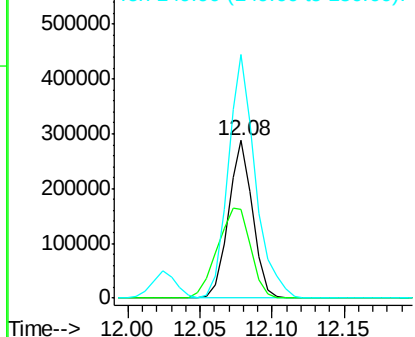
152 100

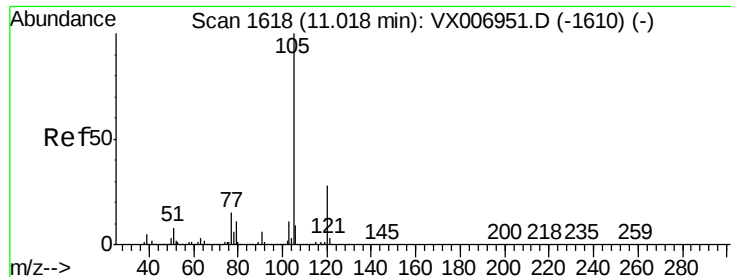
115 78.4 39.1 117.2

150 173.0 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.044 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

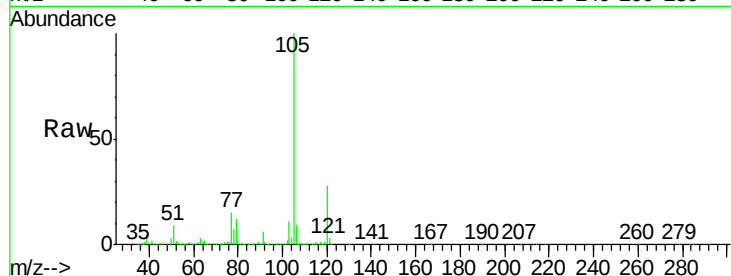
VSTDCCC050EC

Tot Ion:105 Resp: 1171366

Ion Ratio Lower Upper

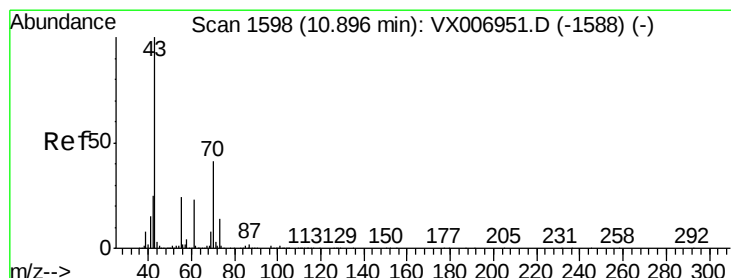
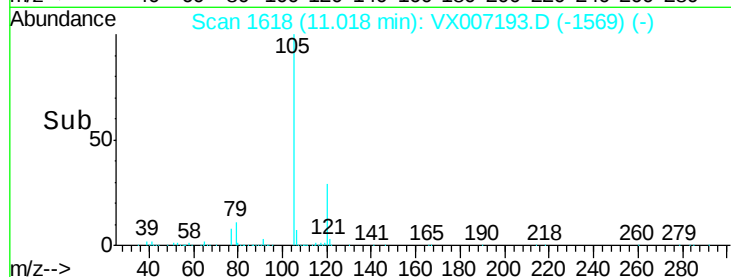
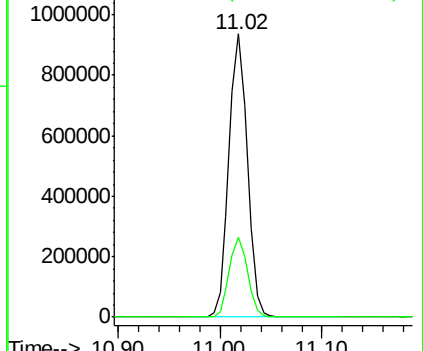
105 100

120 28.0 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.421 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Tgt Ion: 43 Resp: 475247

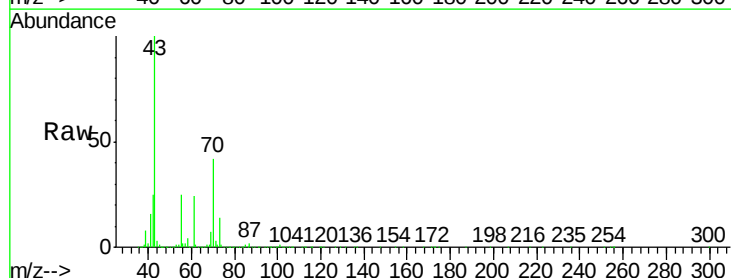
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.8 19.4 29.0

61 24.5 20.1 30.1

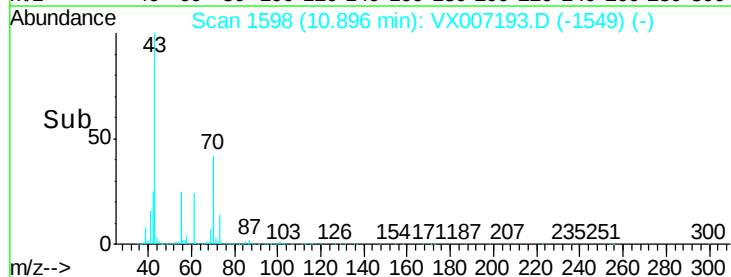
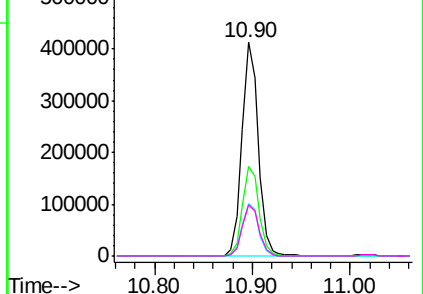


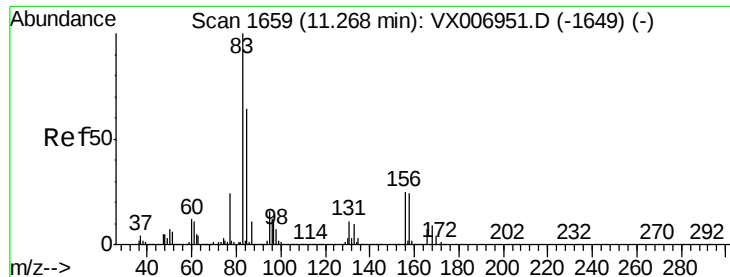
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.137 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

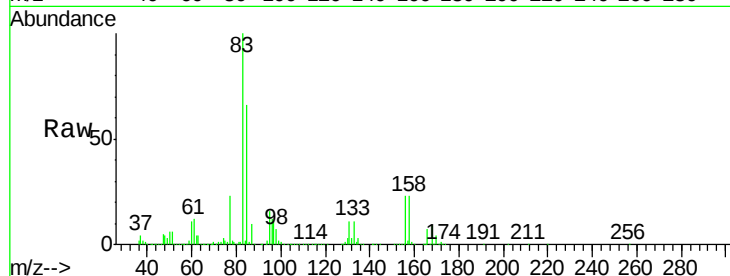
Tot Ion: 83 Resp: 372576

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

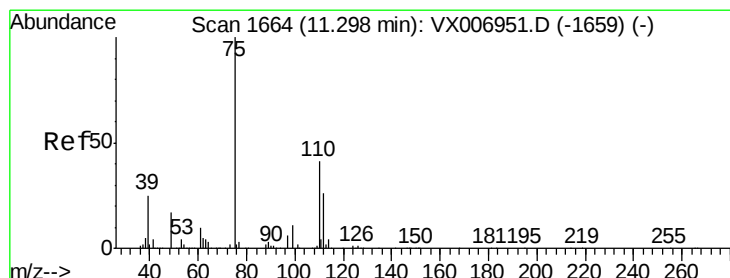
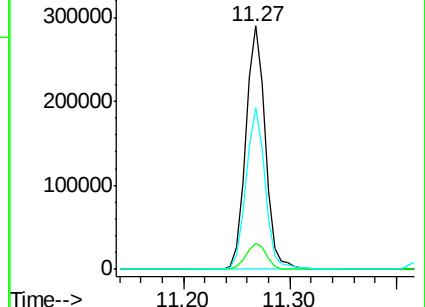
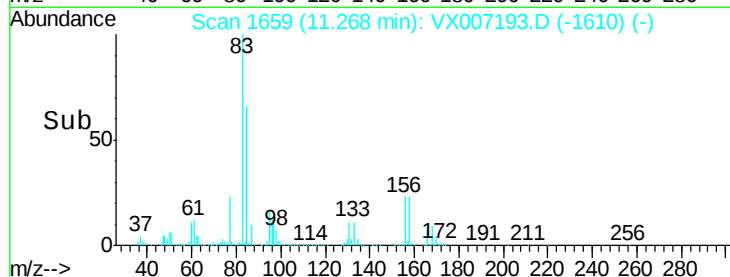
85 65.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX007193.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX007193.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX007193.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 61.238 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007193.D

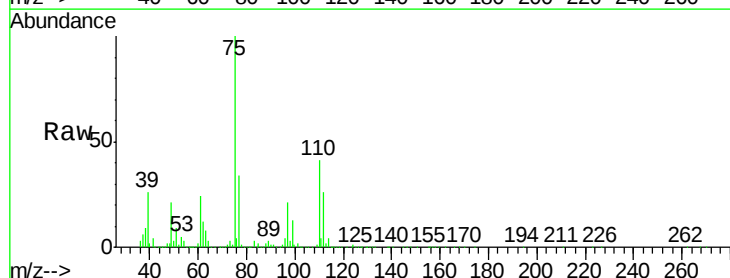
Acq: 22 Jan 2019 20:21

Tgt Ion: 75 Resp: 420331

Ion Ratio Lower Upper

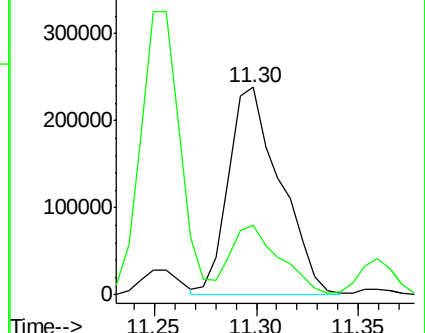
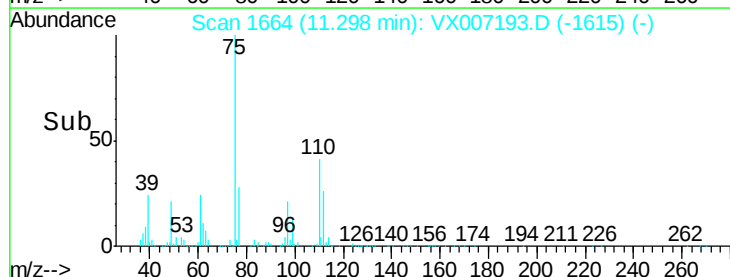
75 100

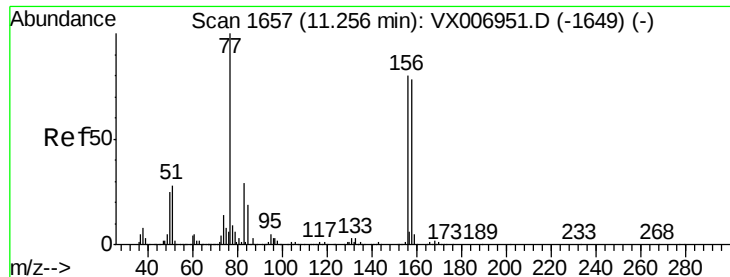
77 31.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX007193.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX007193.D (-1615) (-)





#77

Bromobenzene

Concen: 48.450 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

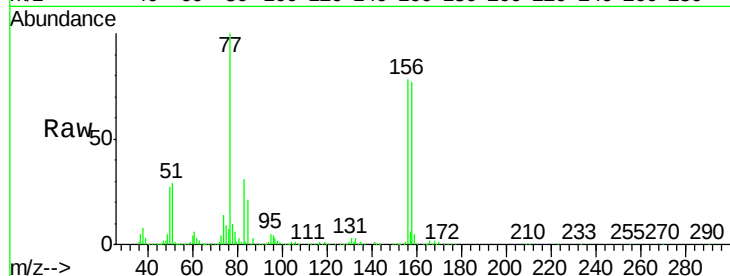
Tot Ion:156 Resp: 318847

Ion Ratio Lower Upper

156 100

77 136.5 68.0 204.0

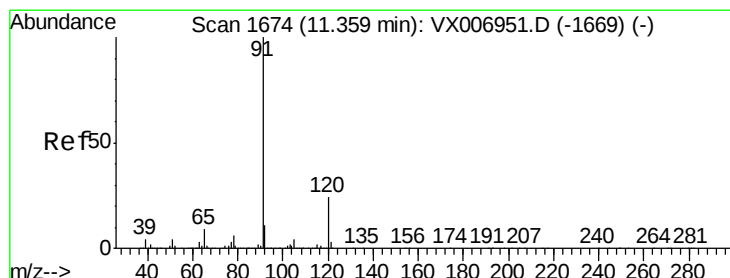
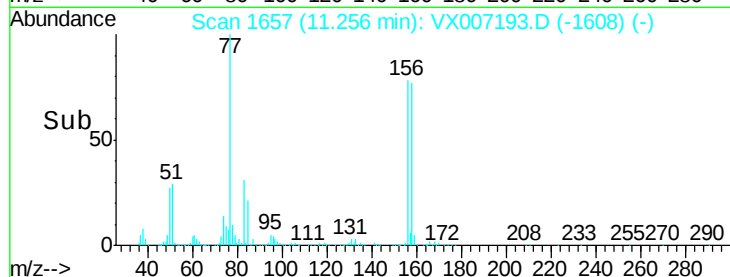
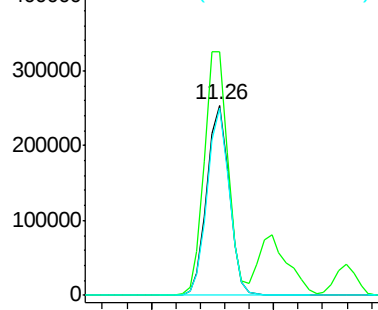
158 97.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.940 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007193.D

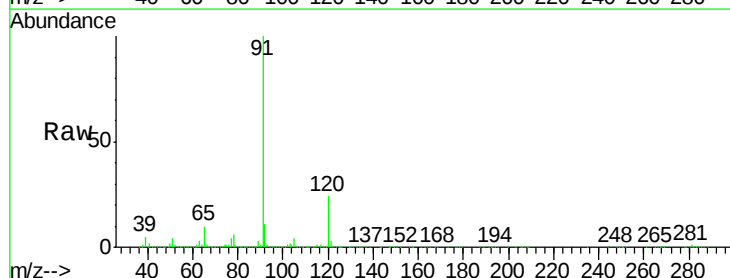
Acq: 22 Jan 2019 20:21

Tgt Ion: 91 Resp: 1309402

Ion Ratio Lower Upper

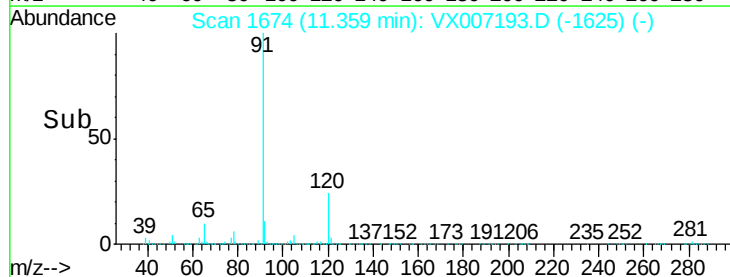
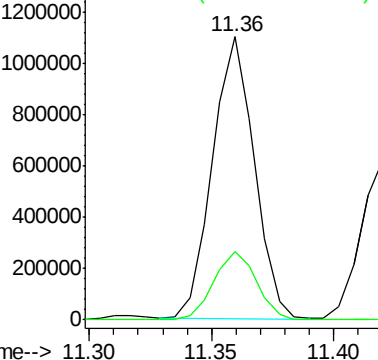
91 100

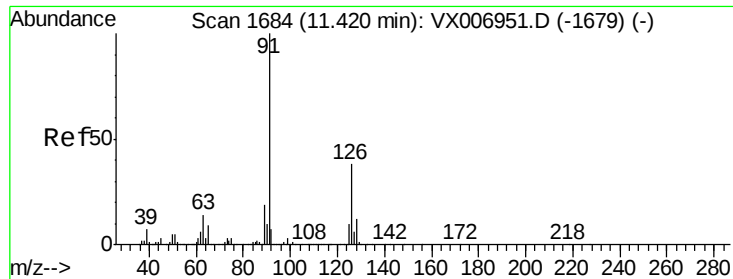
120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

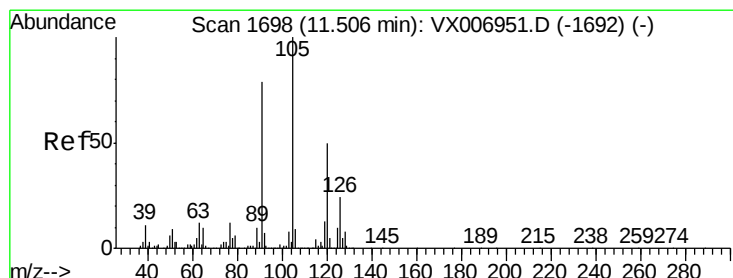
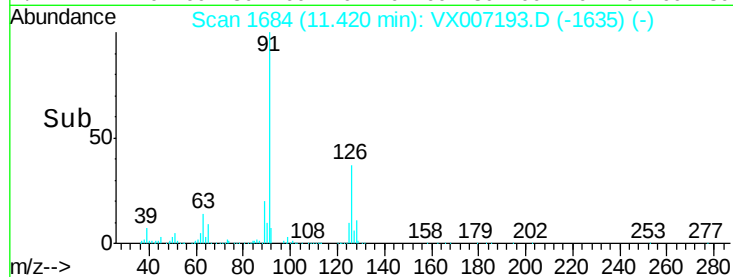
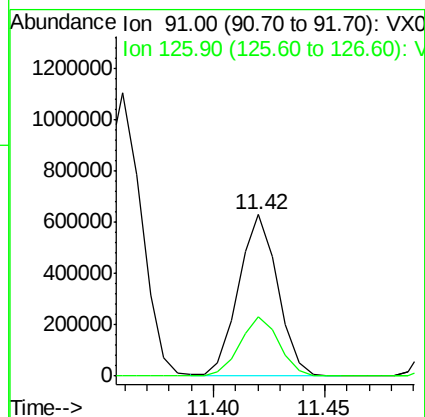
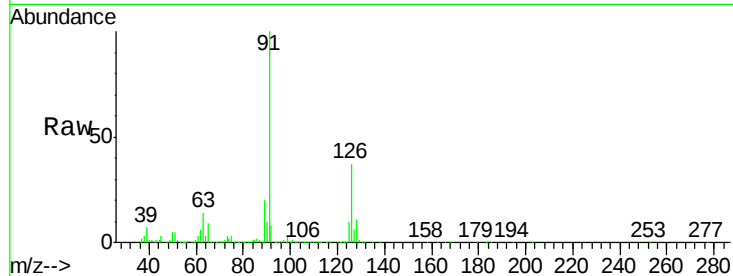




#79
 2-Chlorotoluene
 Concen: 48.678 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

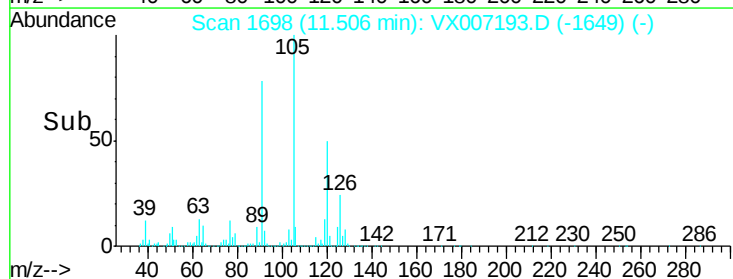
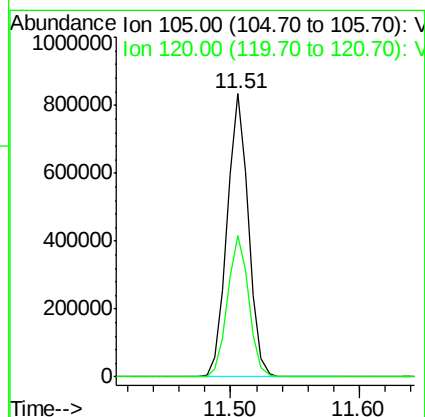
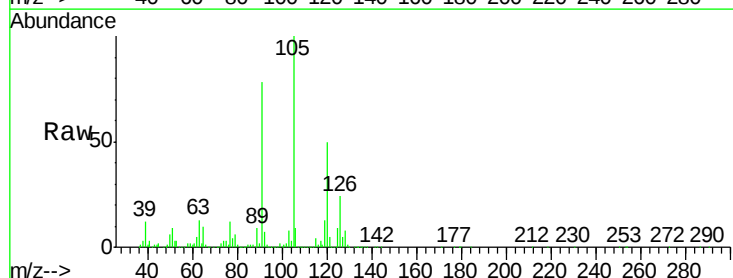
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

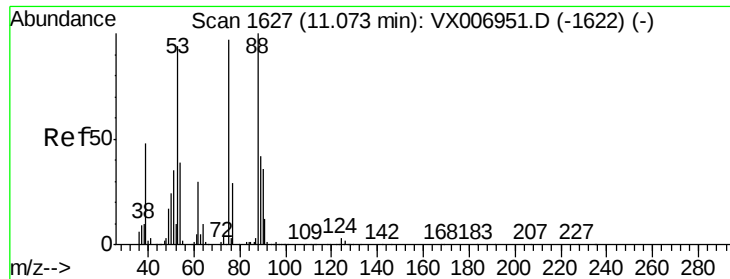
Tot Ion: 91 Resp: 768282
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.6 56.0



#80
 1,3,5-Trimethylbenzene
 Concen: 48.770 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion: 105 Resp: 973293
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 44.048 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

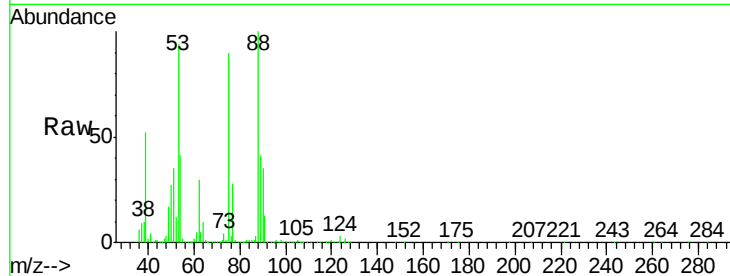
Tot Ion: 75 Resp: 99075

Ion Ratio Lower Upper

75 100

53 103.3 79.7 119.5

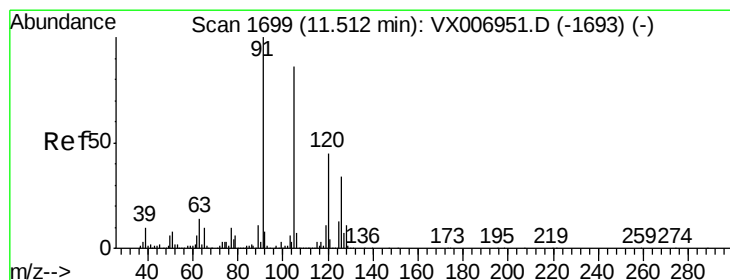
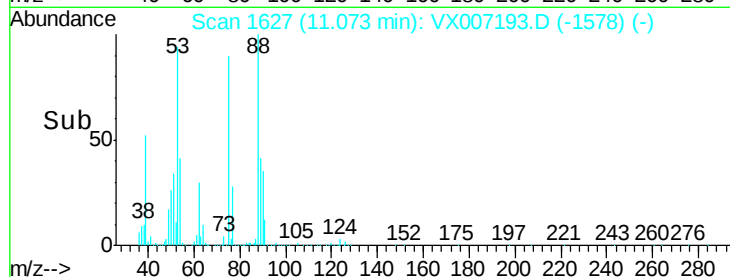
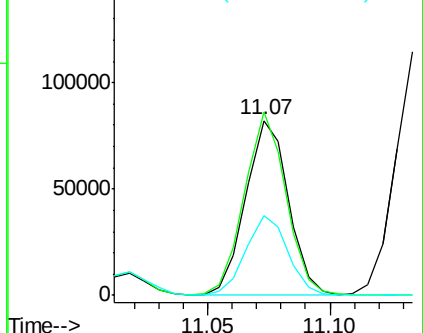
89 45.3 38.0 57.0



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: 49.204 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007193.D

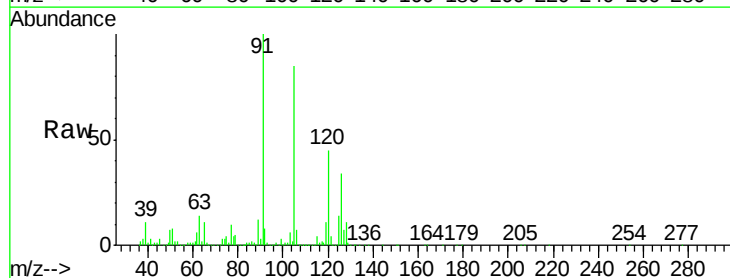
Acq: 22 Jan 2019 20:21

Tgt Ion: 91 Resp: 899164

Ion Ratio Lower Upper

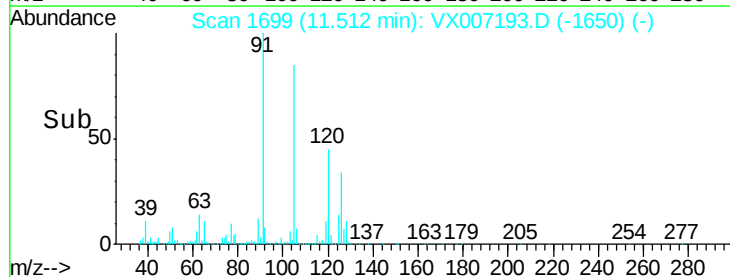
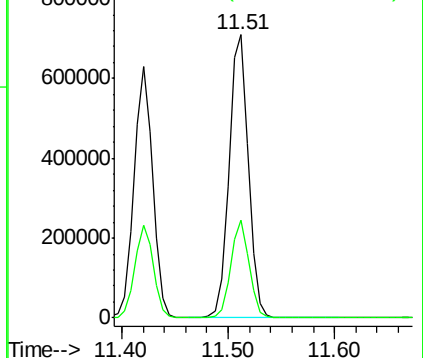
91 100

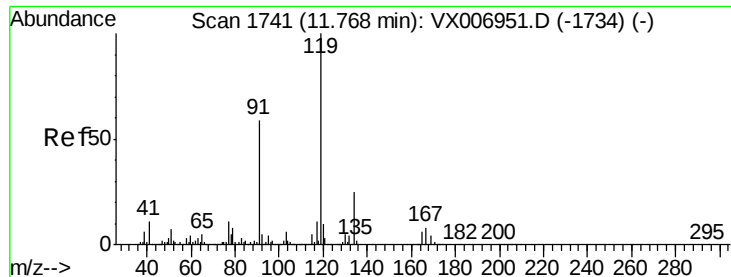
126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 49.786 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

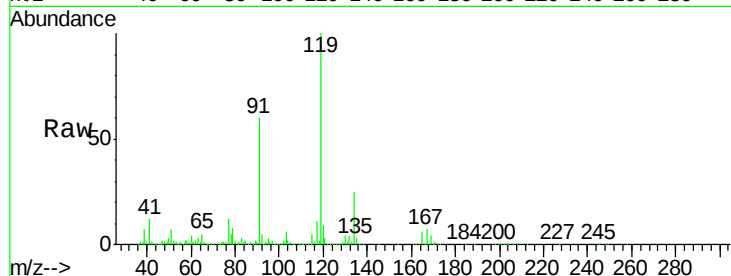
Tot Ion:119 Resp: 991315

Ion Ratio Lower Upper

119 100

91 54.7 27.7 83.1

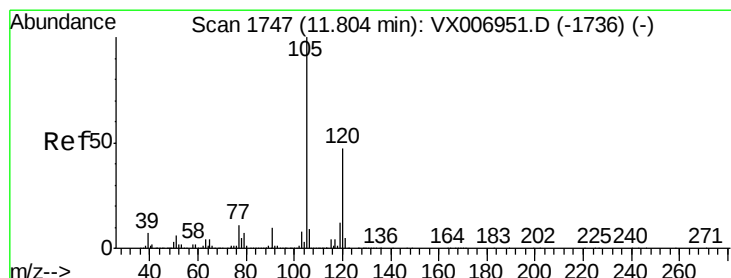
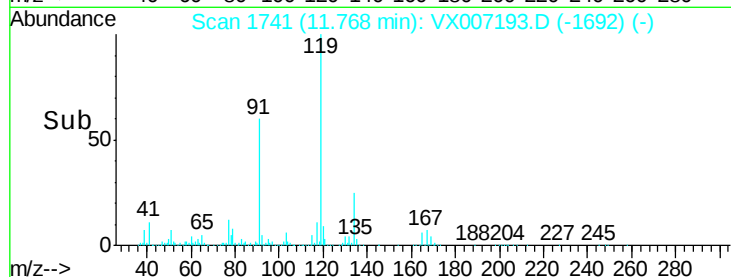
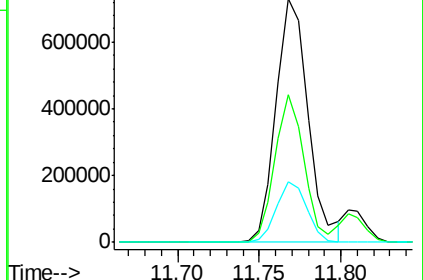
134 23.5 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.444 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007193.D

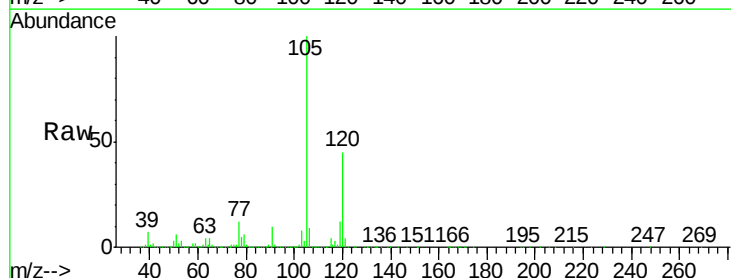
Acq: 22 Jan 2019 20:21

Tgt Ion:105 Resp: 992256

Ion Ratio Lower Upper

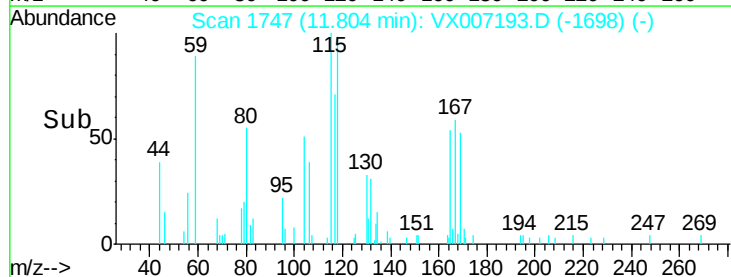
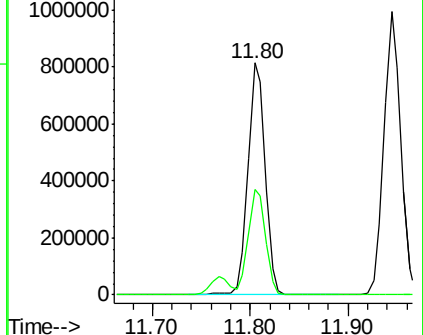
105 100

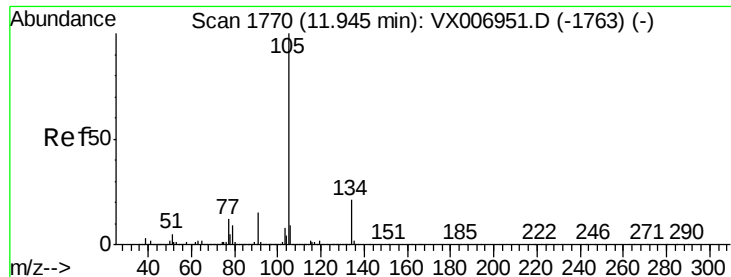
120 45.7 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.899 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

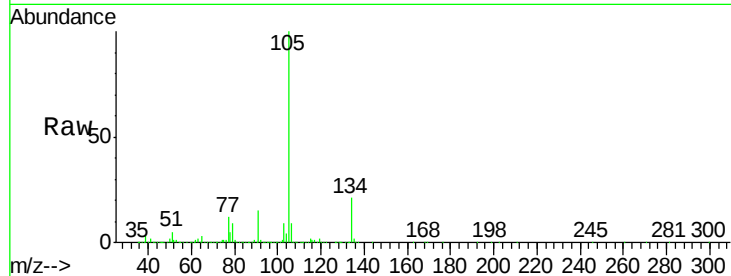
VSTDCCC050EC

Tot Ion:105 Resp: 1186599

Ion Ratio Lower Upper

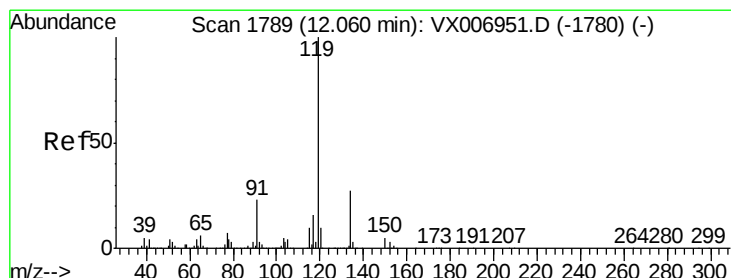
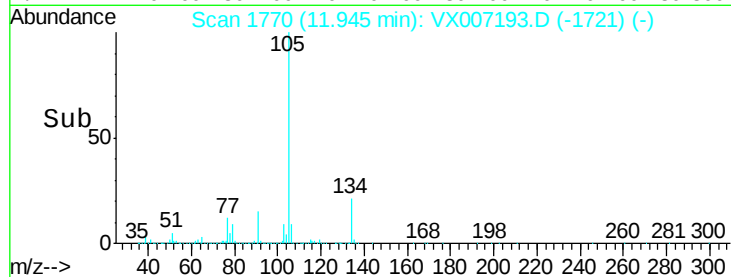
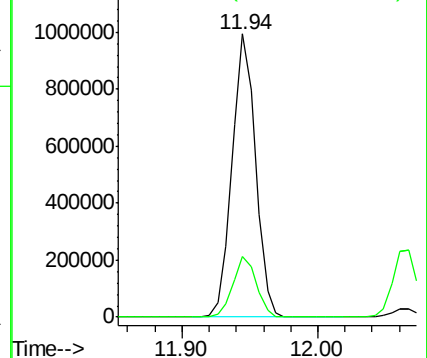
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.723 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

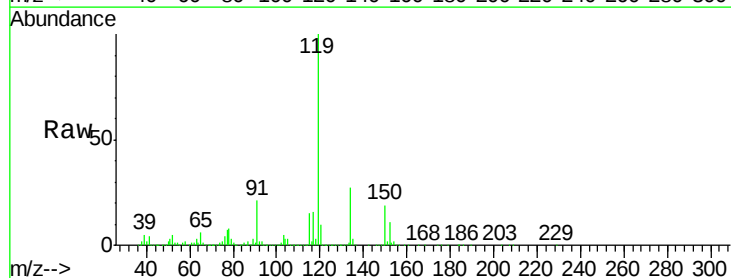
Tgt Ion:119 Resp: 1057619

Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

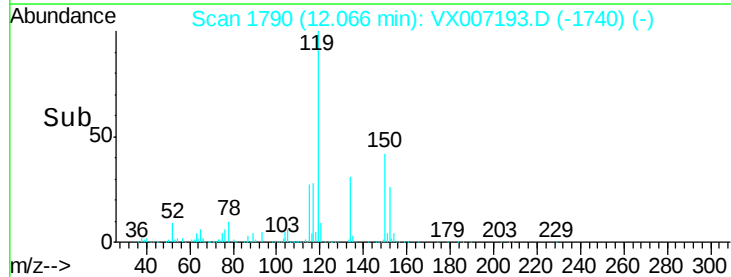
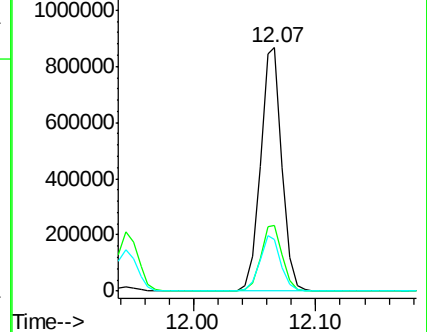
91 22.5 11.3 33.9

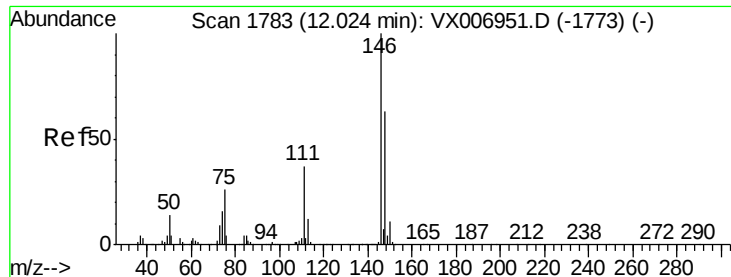


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

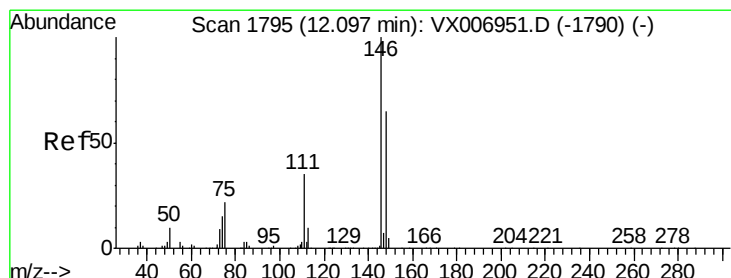
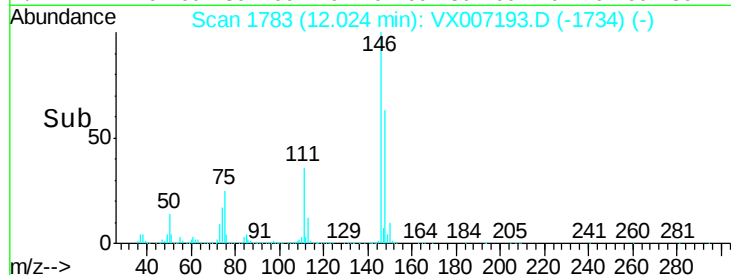
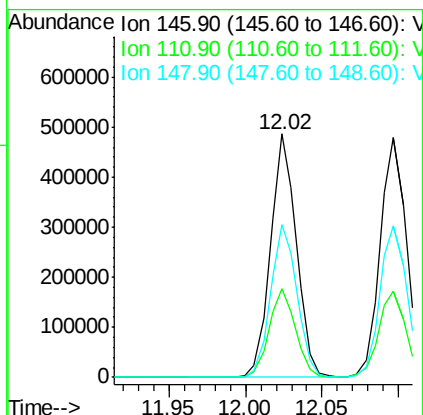
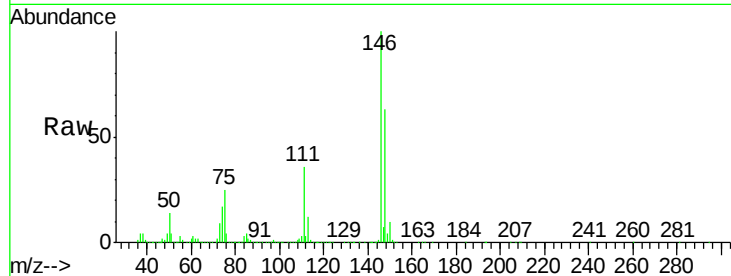




#87
 1,3-Dichlorobenzene
 Concen: 48.142 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

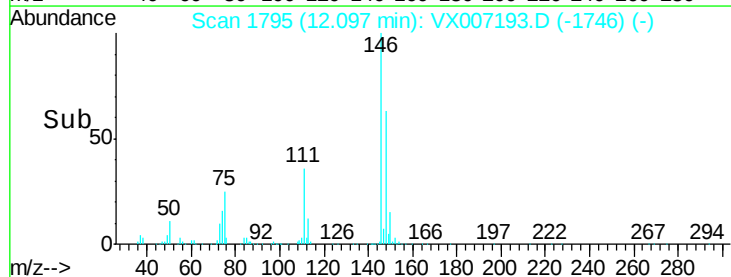
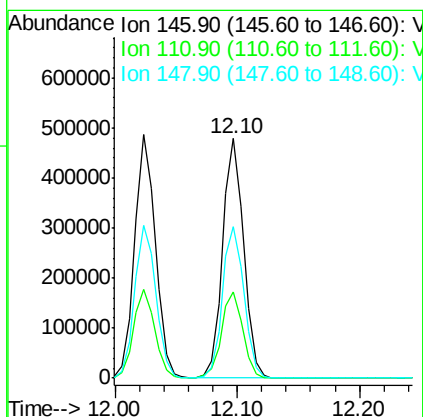
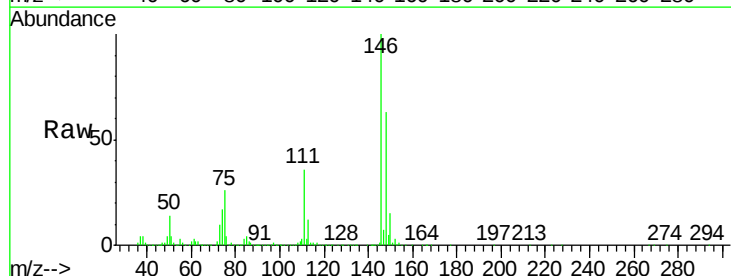
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 572644
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.6 55.8
 148 64.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.758 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion:146 Resp: 572075
 Ion Ratio Lower Upper
 146 100
 111 36.5 18.1 54.1
 148 64.7 31.9 95.9

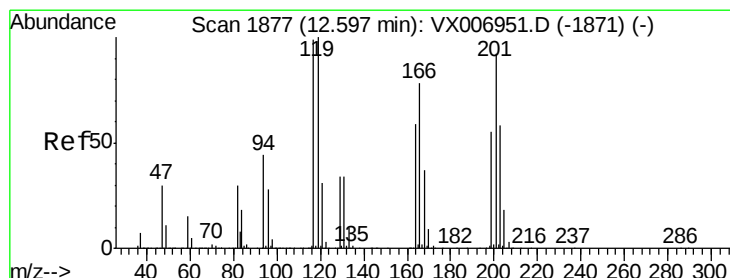
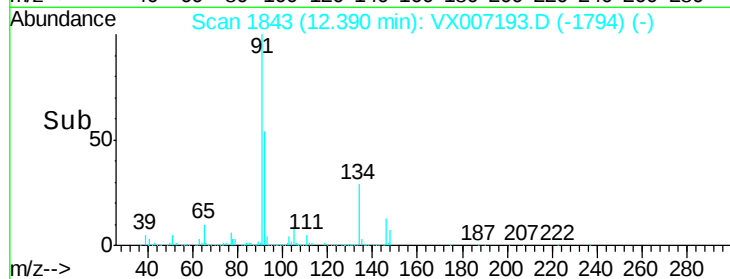
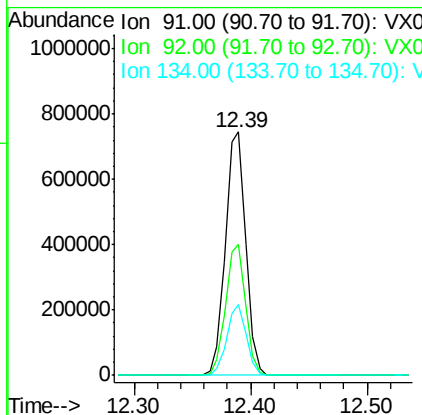
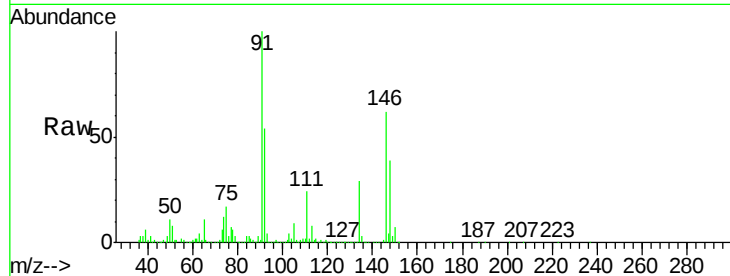




#89
n-Butylbenzene
Concen: 49.501 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

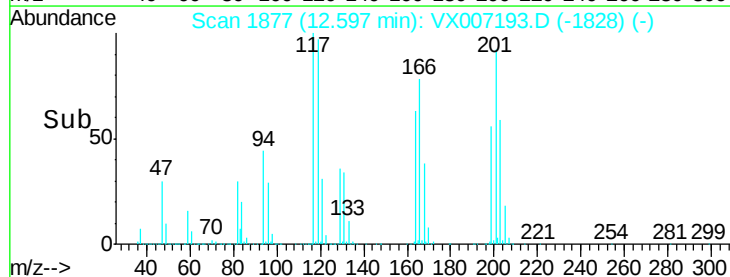
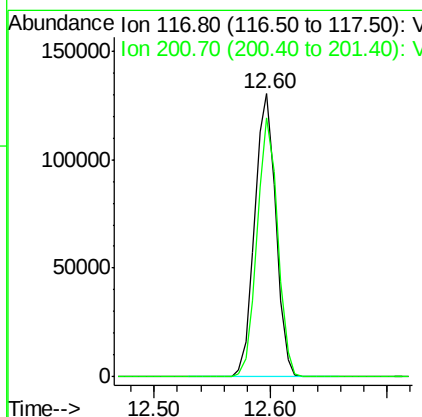
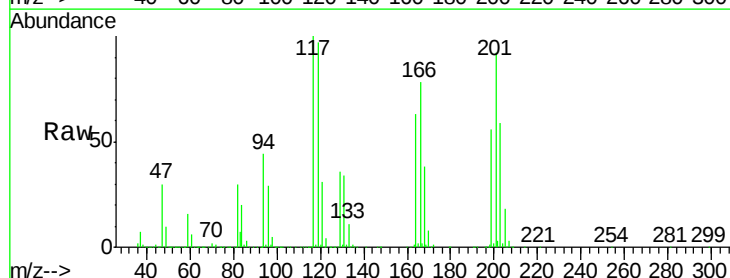
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

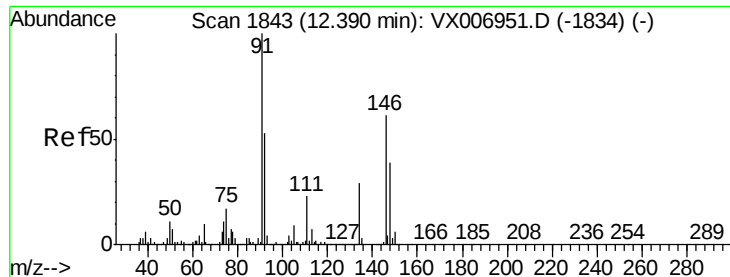
Tot Ion: 91 Resp: 897564
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 48.948 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007193.D
Acq: 22 Jan 2019 20:21

Tgt Ion: 117 Resp: 165990
Ion Ratio Lower Upper
117 100
201 88.8 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.400 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

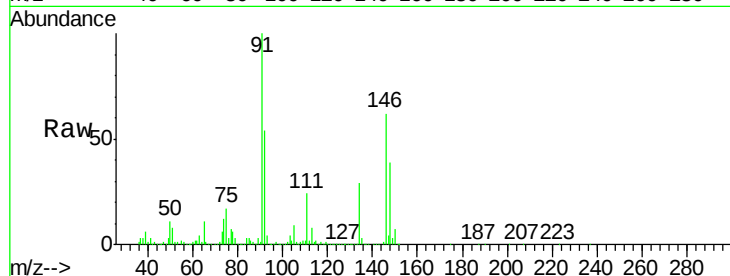
Tot Ion:146 Resp: 568149

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

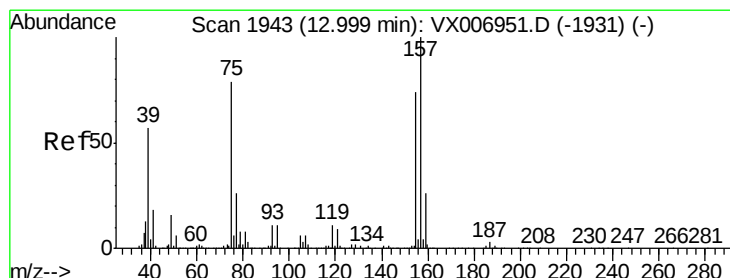
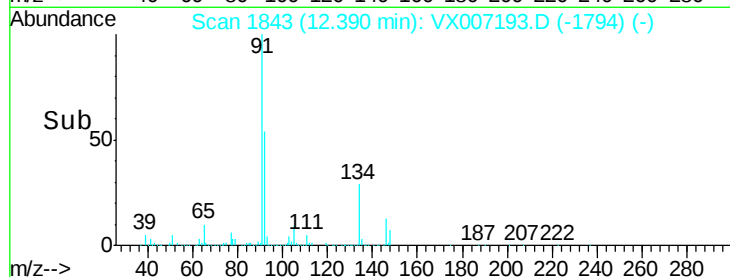
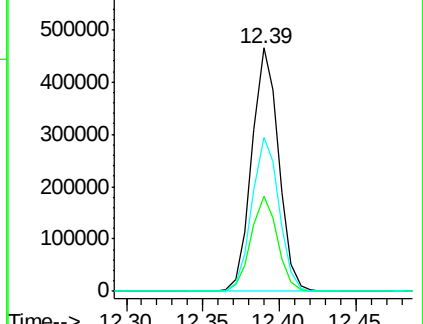
148 64.0 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.534 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

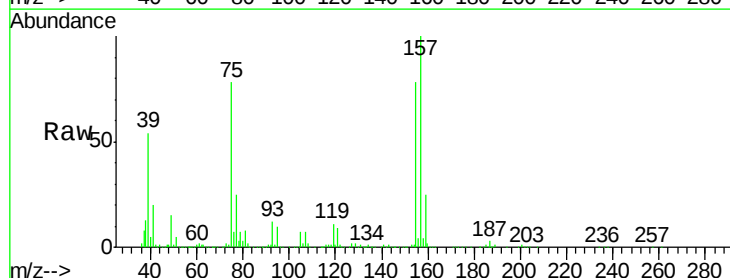
Tgt Ion: 75 Resp: 77281

Ion Ratio Lower Upper

75 100

155 102.8 50.6 151.8

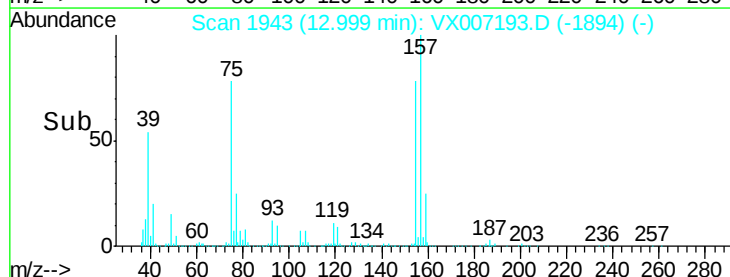
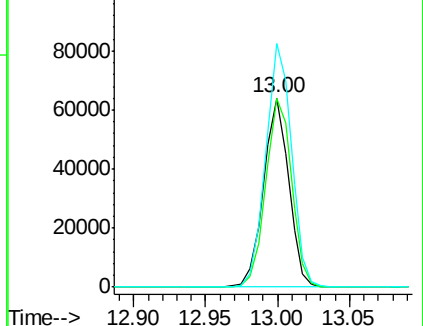
157 132.2 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

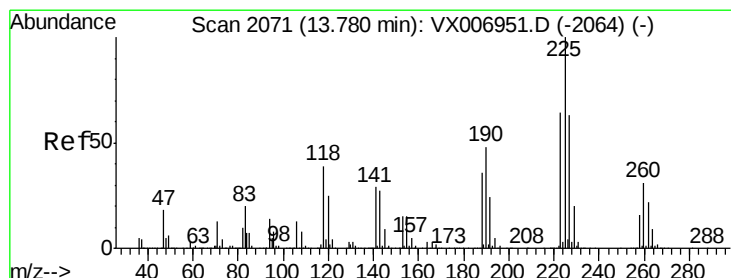
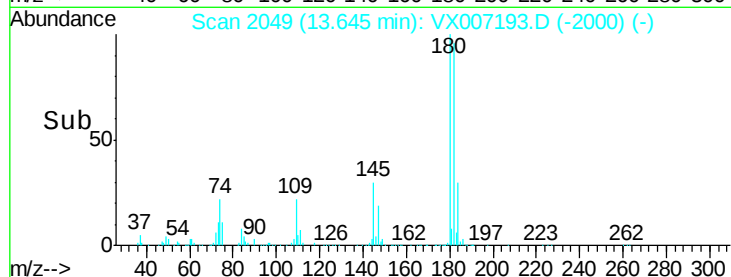
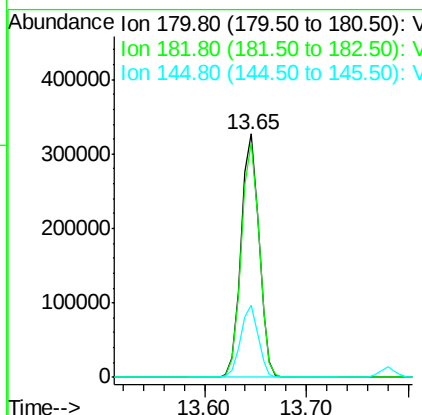
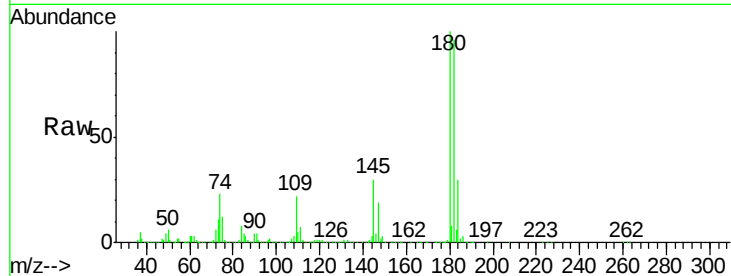




#93
 1,2,4-Trichlorobenzene
 Concen: 49.056 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

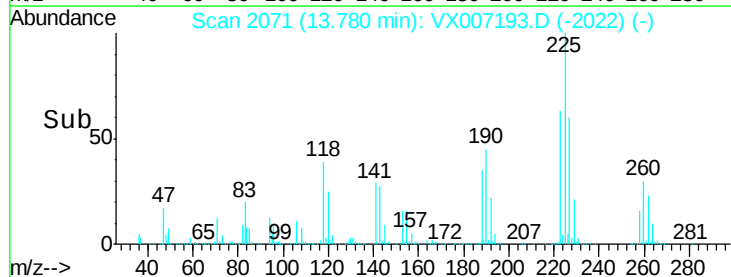
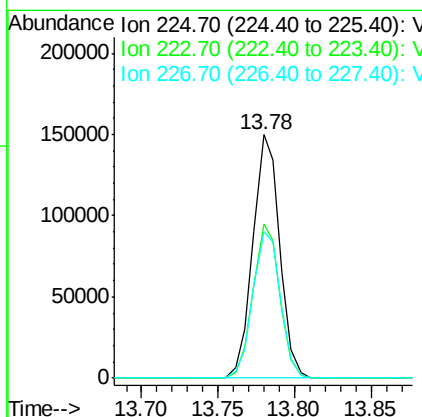
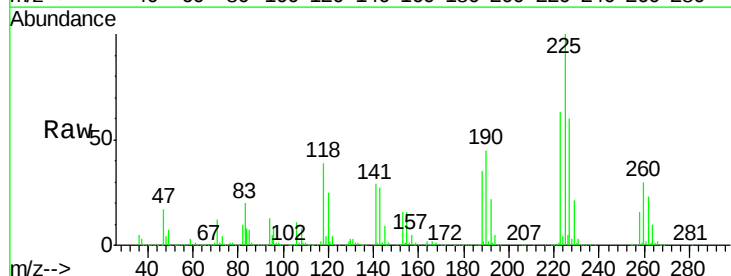
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

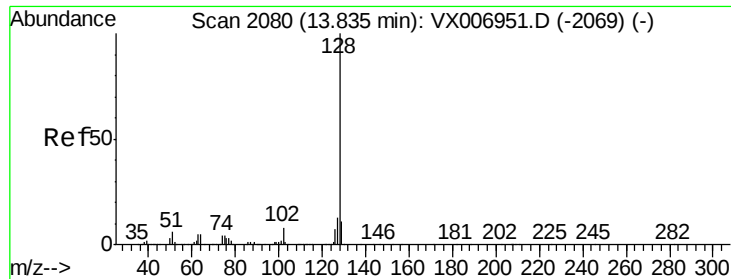
Tot Ion:180 Resp: 395077
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.3 142.0
 145 29.2 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 50.945 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007193.D
 Acq: 22 Jan 2019 20:21

Tgt Ion:225 Resp: 182070
 Ion Ratio Lower Upper
 225 100
 223 63.1 32.1 96.3
 227 62.2 32.3 96.8





#95

Naphthalene

Concen: 50.376 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

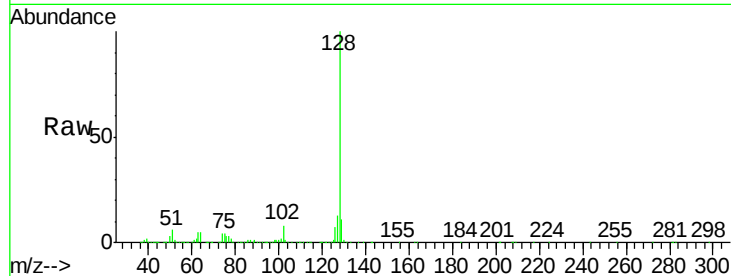
Tot Ion:128 Resp: 1229371

Ion Ratio Lower Upper

128 100

127 13.1 10.1 15.1

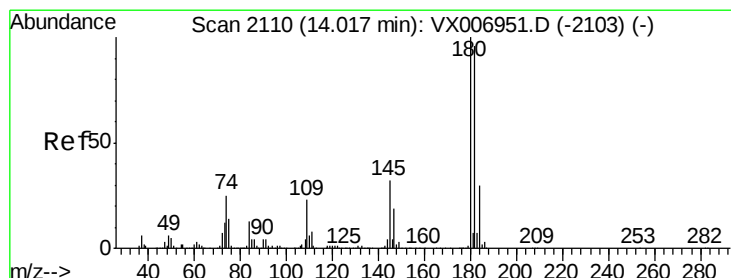
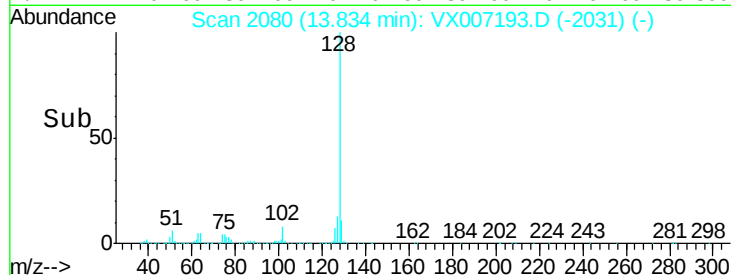
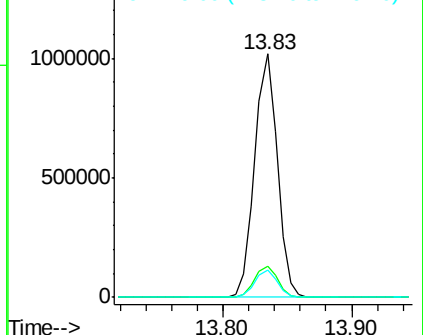
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 49.365 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007193.D

Acq: 22 Jan 2019 20:21

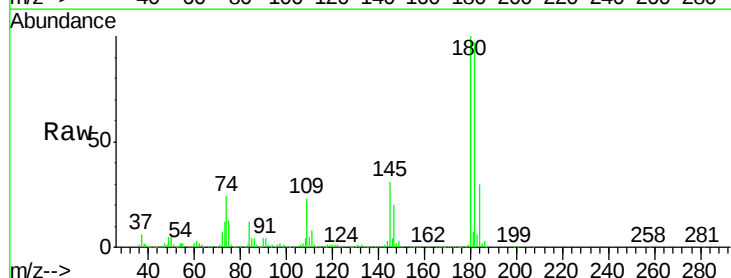
Tgt Ion:180 Resp: 394935

Ion Ratio Lower Upper

180 100

182 96.1 48.5 145.5

145 30.5 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

