

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022119\
 Data File : VX007621.D
 Acq On : 21 Feb 2019 10:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 22 04:28:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	531921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	762581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	661612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	353715	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	258929	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	5.50	113	246047	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	856094	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.13	95	306259	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	271077	41.502	ug/l	98
3) Chloromethane	1.33	50	226728	37.843	ug/l	97
4) Vinyl Chloride	1.42	62	257459	43.803	ug/l	100
5) Bromomethane	1.64	94	229025	39.302	ug/l	100
6) Chloroethane	1.72	64	164007	43.134	ug/l	97
7) Trichlorofluoromethane	1.93	101	409870	44.577	ug/l	98
8) Diethyl Ether	2.20	74	155818	45.024	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	246315	45.036	ug/l	99
10) Methyl Iodide	2.51	142	329609	40.967	ug/l	100
11) Tert butyl alcohol	3.07	59	264744	226.582	ug/l	99
12) 1,1-Dichloroethene	2.38	96	214306	42.196	ug/l	95
13) Acrolein	2.30	56	151184	275.931	ug/l	98
14) Allyl chloride	2.73	41	368063	44.478	ug/l	98
15) Acrylonitrile	3.15	53	654857	226.559	ug/l	99
16) Acetone	2.45	43	621445	240.289	ug/l	97
17) Carbon Disulfide	2.57	76	504543	38.500	ug/l	100
18) Methyl Acetate	2.78	43	367977	54.554	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	751555	45.677	ug/l	97
20) Methylene Chloride	2.86	84	237389	44.898	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	228520	42.239	ug/l	95
22) Diisopropyl ether	3.87	45	726756	47.745	ug/l	98
23) Vinyl Acetate	3.82	43	3086385	244.343	ug/l	99
24) 1,1-Dichloroethane	3.70	63	412331	47.170	ug/l	99
25) 2-Butanone	4.70	43	914279	248.409	ug/l	98
26) 2,2-Dichloropropane	4.59	77	352386	52.934	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	277630	46.982	ug/l	99
28) Bromochloromethane	5.03	49	178929	44.511	ug/l	97
29) Tetrahydrofuran	5.15	42	576883	249.215	ug/l	98
30) Chloroform	5.21	83	447118	49.017	ug/l	99
31) Cyclohexane	5.58	56	347471	44.258	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	389070	50.531	ug/l	99
36) 1,1-Dichloropropene	5.80	75	311991	45.598	ug/l	98
37) Ethyl Acetate	4.85	43	331034	47.861	ug/l	98
38) Carbon Tetrachloride	5.78	117	353493	53.253	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	389463	47.046	ug/l	97
40) Benzene	6.14	78	965037	47.881	ug/l	97
41) Methacrylonitrile	5.06	41	188034	50.725	ug/l	98
42) 1,2-Dichloroethane	6.20	62	326576	46.831	ug/l	98
43) Isopropyl Acetate	6.46	43	535844	50.192	ug/l	99
44) Trichloroethene	7.21	130	289075	47.622	ug/l	100
45) 1,2-Dichloropropane	7.51	63	248191	49.148	ug/l	97
46) Dibromomethane	7.66	93	176298	48.034	ug/l	99
47) Bromodichloromethane	7.90	83	328767	52.854	ug/l	98
48) Methyl methacrylate	7.77	41	271151	50.777	ug/l	98
49) 1,4-Dioxane	7.75	88	117036	963.969	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1795790	255.521	ug/l	100
52) Toluene	8.78	92	604939	46.520	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	365128	54.647	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	399356	54.351	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	264785	48.849	ug/l	96
56) Ethyl methacrylate	9.18	69	376040	50.088	ug/l	100
57) 1,3-Dichloropropane	9.37	76	418147	48.508	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1269286	320.764	ug/l	99
59) 2-Hexanone	9.49	43	1381262	252.565	ug/l	99
60) Dibromochloromethane	9.59	129	292536	57.063	ug/l	98
61) 1,2-Dibromoethane	9.67	107	279965	48.771	ug/l	99
64) Tetrachloroethene	9.34	164	293466	47.061	ug/l	98
65) Chlorobenzene	10.14	112	702858	48.682	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	274753	56.761	ug/l	99
67) Ethyl Benzene	10.25	91	1165472	50.128	ug/l	99
68) m/p-Xylenes	10.36	106	916150	99.127	ug/l	100
69) o-Xylene	10.70	106	444462	49.977	ug/l	99
70) Styrene	10.71	104	735796	51.016	ug/l	100
71) Bromoform	10.86	173	223857	52.508	ug/l #	98
73) Isopropylbenzene	11.02	105	1216171	50.596	ug/l	99
74) N-amyl acetate	10.90	43	493140	53.042	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	377811	51.575	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	448584	65.199	ug/l	77
77) Bromobenzene	11.26	156	324037	47.846	ug/l	98
78) n-propylbenzene	11.36	91	1380076	52.359	ug/l	100
79) 2-Chlorotoluene	11.42	91	794388	49.670	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1009466	51.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	121968	54.388	ug/l	94
82) 4-Chlorotoluene	11.51	91	943047	50.959	ug/l	100
83) tert-Butylbenzene	11.77	119	1015144	52.140	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1034826	51.833	ug/l	99
85) sec-Butylbenzene	11.94	105	1251602	53.114	ug/l	100
86) p-Isopropyltoluene	12.06	119	1136376	53.422	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	597238	49.138	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	595202	48.268	ug/l	100
89) n-Butylbenzene	12.38	91	998354	54.559	ug/l	99
90) Hexachloroethane	12.60	117	192127	60.350	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	594987	49.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83652	54.919	ug/l	98

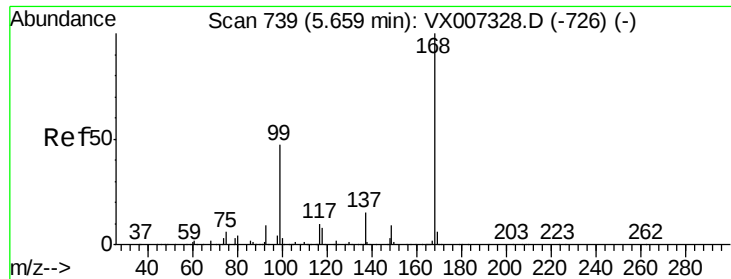
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022119\
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	427019	52.348	ug/l	100
94) Hexachlorobutadiene	13.78	225	210434	53.126	ug/l	99
95) Naphthalene	13.83	128	1246928	52.272	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	420594	51.222	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. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

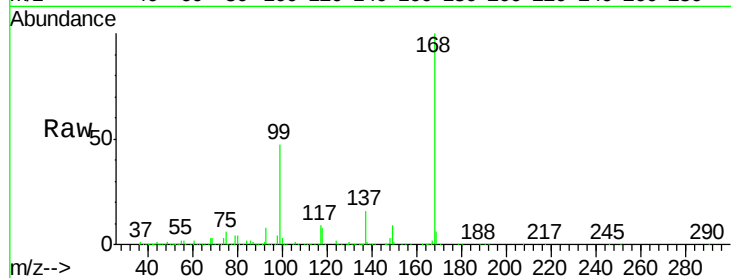
VSTDCCC050

Tot Ion:168 Resp: 531921

Ion Ratio Lower Upper

168 100

99 46.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

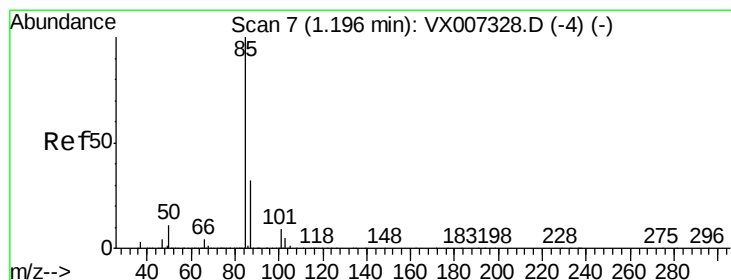
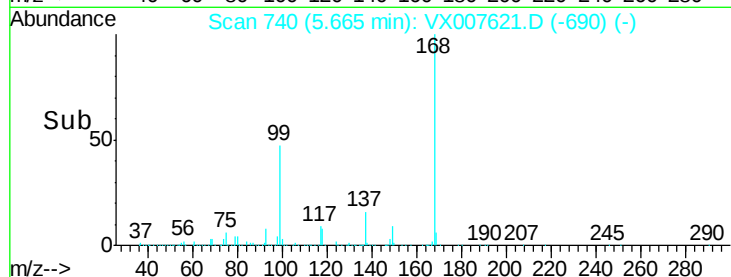
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.502 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007621.D

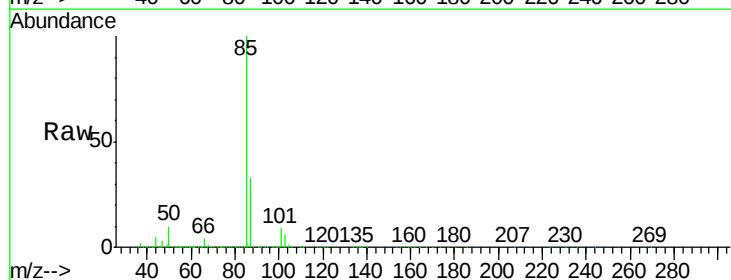
Acq: 21 Feb 2019 10:46

Tgt Ion: 85 Resp: 271077

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

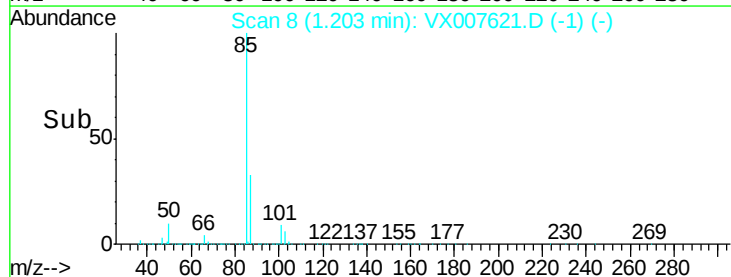
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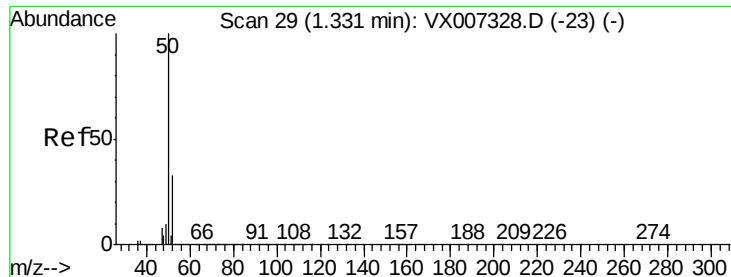
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Time-->

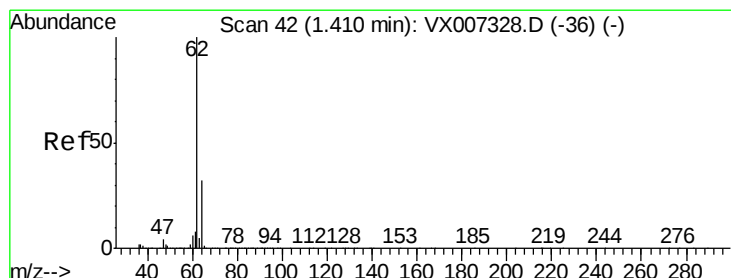
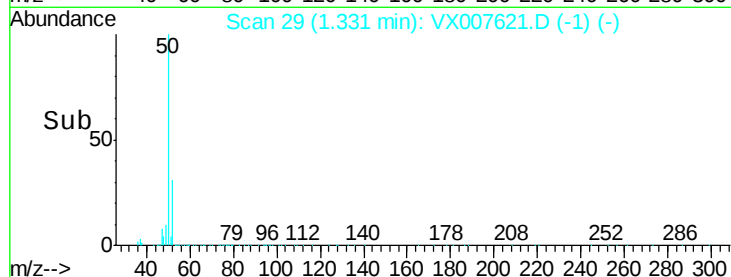
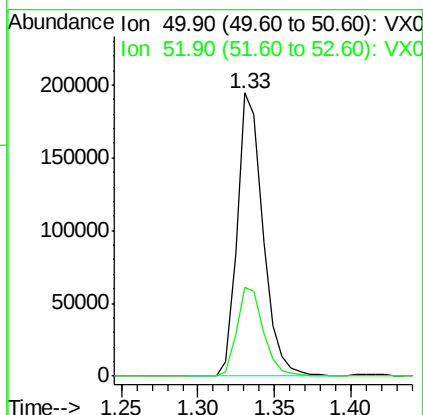
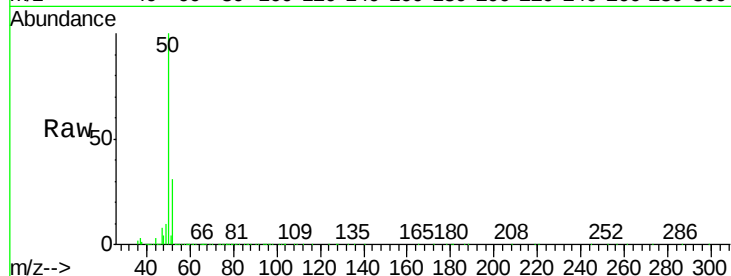




#3
Chloromethane
Concen: 37.843 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

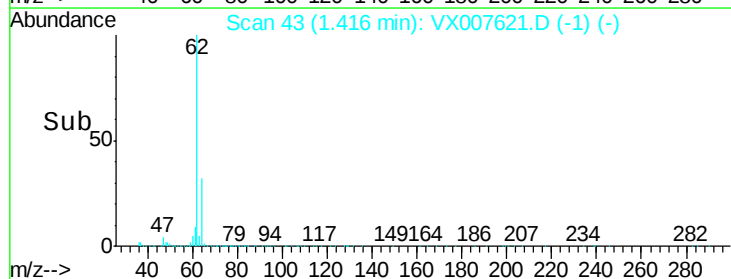
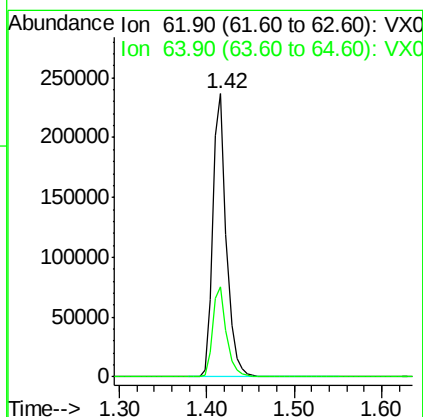
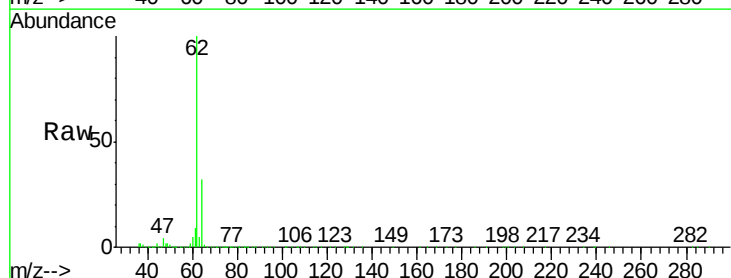
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

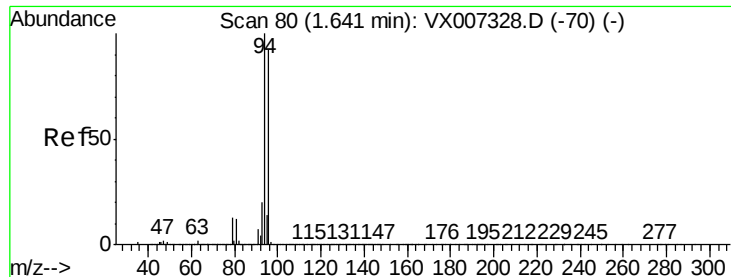
Tot Ion: 50 Resp: 226728
Ion Ratio Lower Upper
50 100
52 31.1 26.1 39.1



#4
Vinyl Chloride
Concen: 43.803 ug/l
RT: 1.42 min Scan# 43
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 62 Resp: 257459
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5

Bromomethane

Concen: 39.302 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

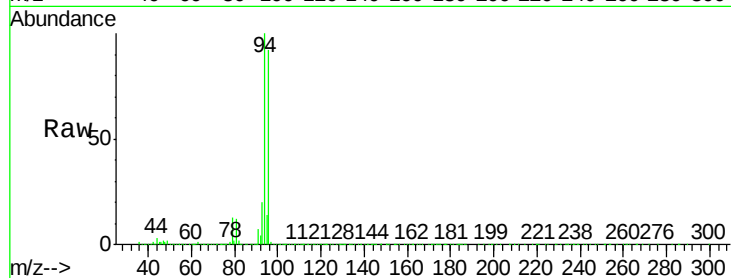
VSTDCCC050

Tot Ion: 94 Resp: 229025

Ion Ratio Lower Upper

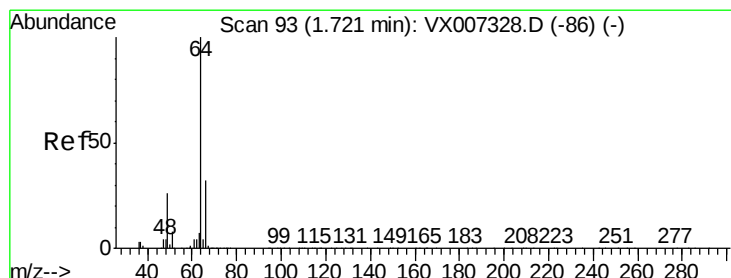
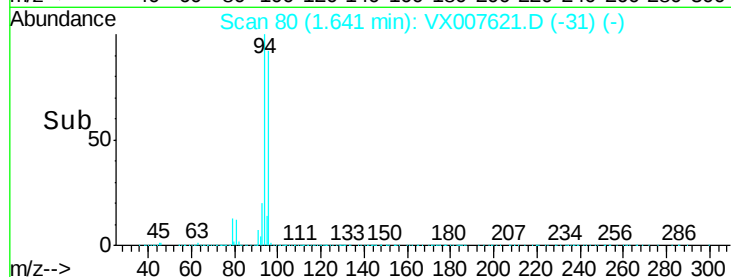
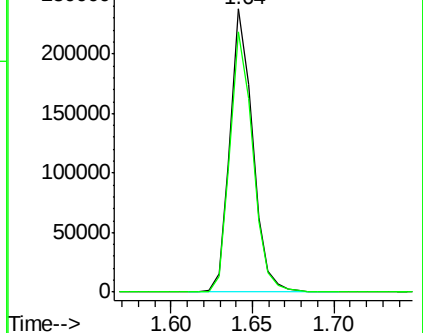
94 100

96 92.1 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.134 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX007621.D

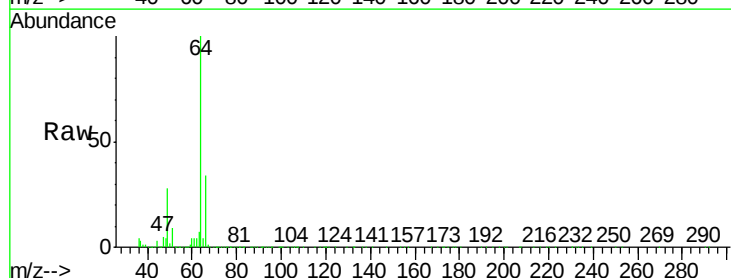
Acq: 21 Feb 2019 10:46

Tgt Ion: 64 Resp: 164007

Ion Ratio Lower Upper

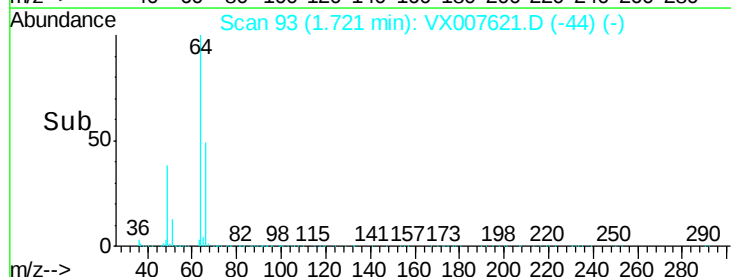
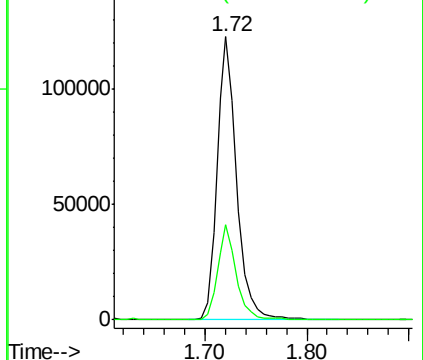
64 100

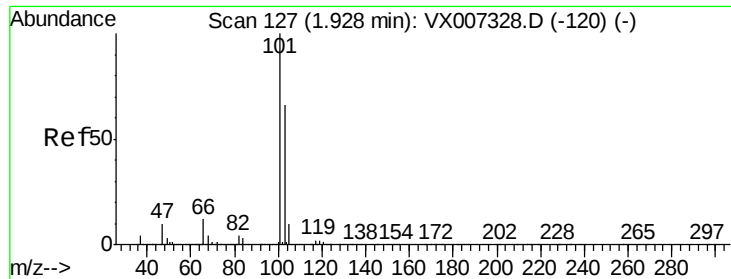
66 33.6 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



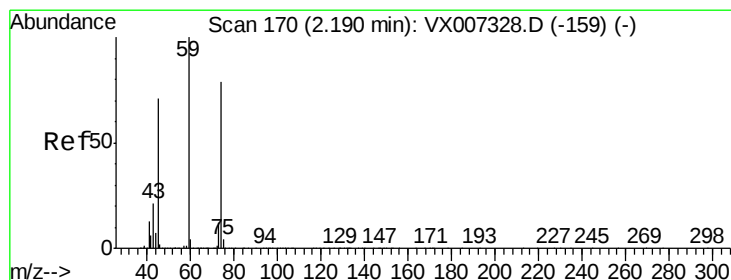
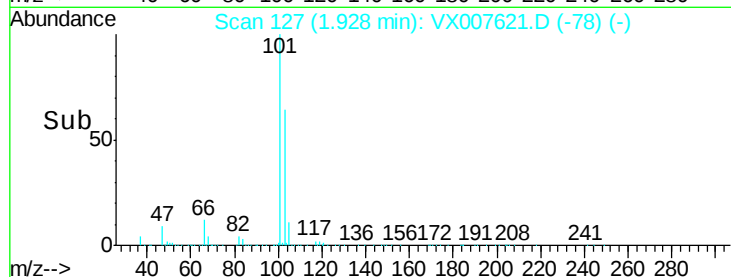
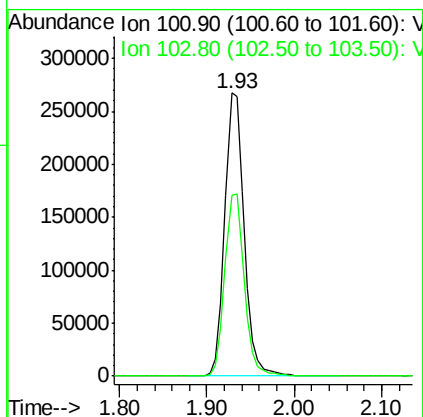
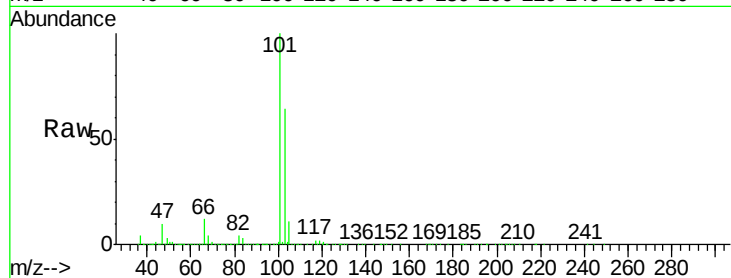


#7

Trichlorofluoromethane
Concen: 44.577 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Instrument :
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VSTDCCC050

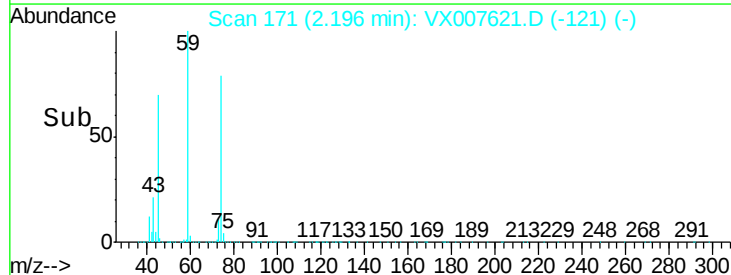
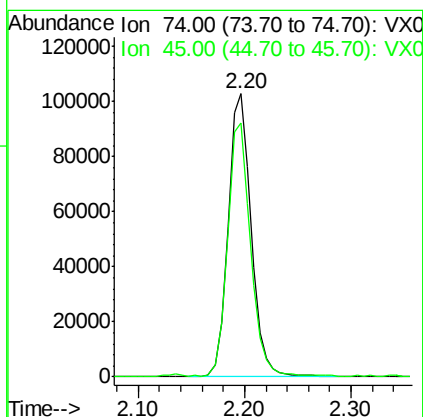
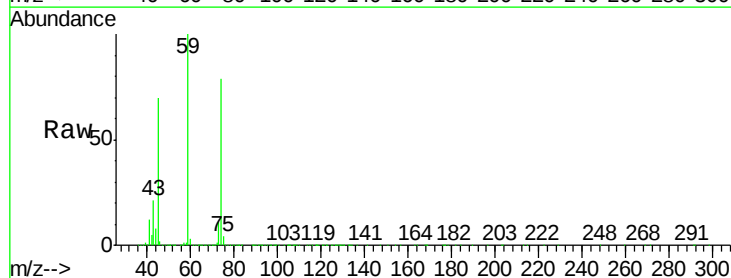
Tot Ion:101 Resp: 409870
Ion Ratio Lower Upper
101 100
103 64.1 52.6 79.0

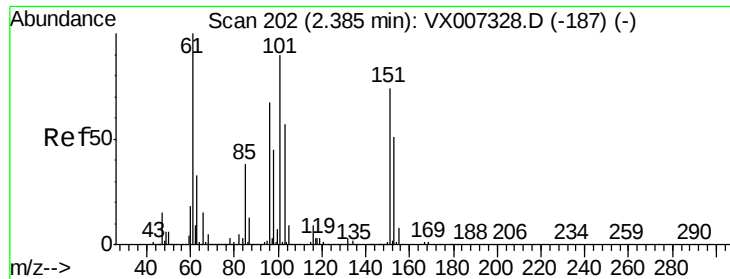


#8

Diethyl Ether
Concen: 45.024 ug/l
RT: 2.20 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 74 Resp: 155818
Ion Ratio Lower Upper
74 100
45 89.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.036 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

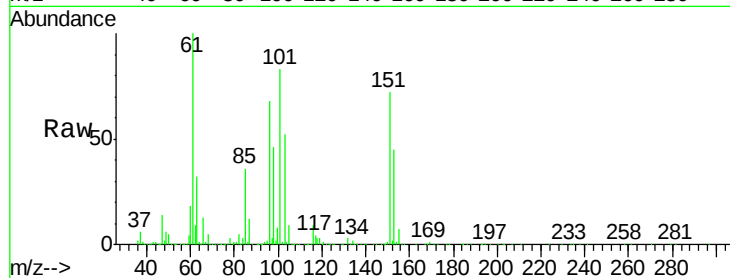
Tot Ion:101 Resp: 246315

Ion Ratio Lower Upper

101 100

85 43.7 34.1 51.1

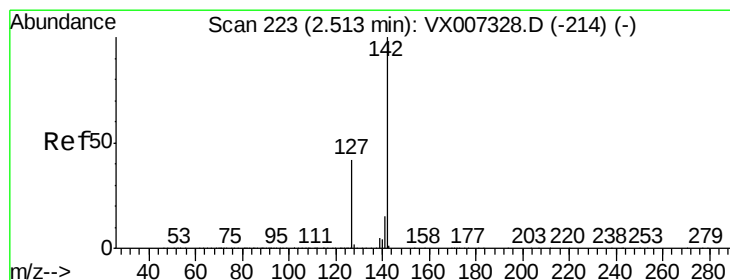
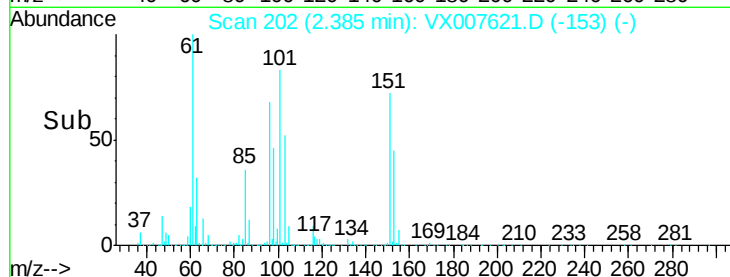
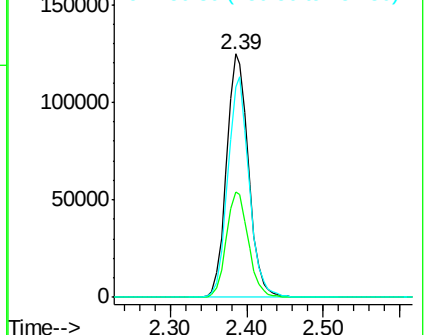
151 87.8 69.9 104.9



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: 40.967 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

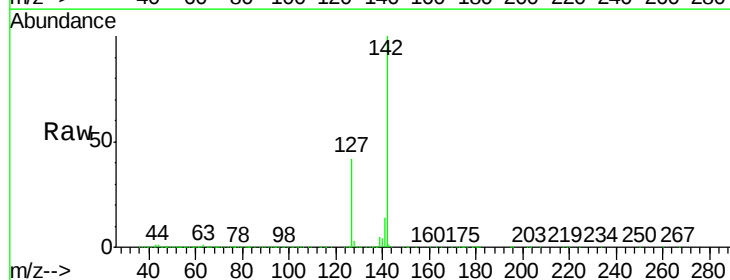
Tgt Ion:142 Resp: 329609

Ion Ratio Lower Upper

142 100

127 42.1 33.7 50.5

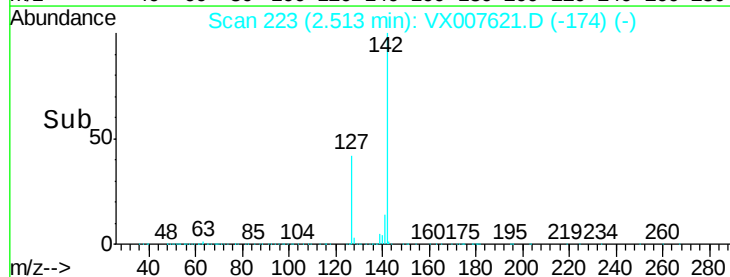
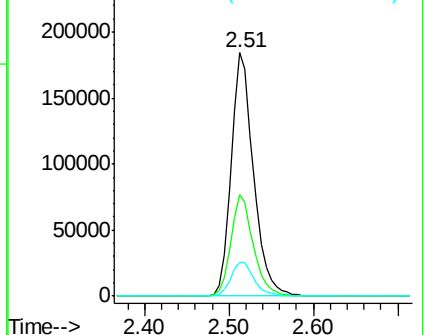
141 14.5 11.3 16.9

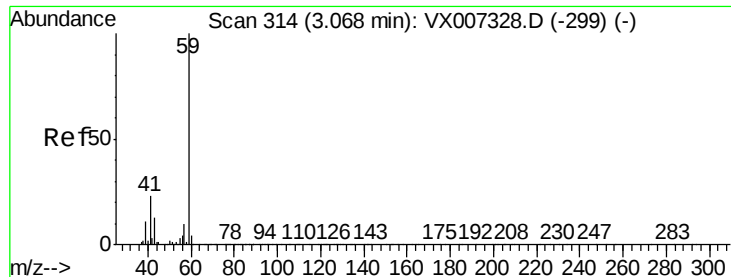


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



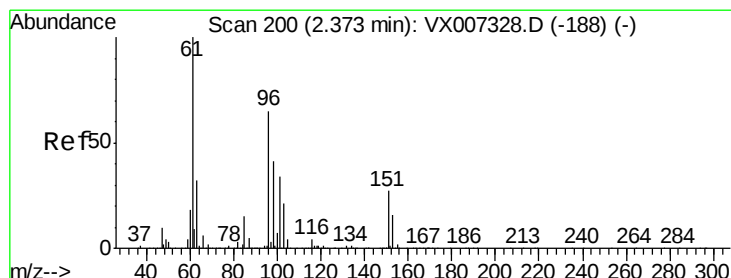
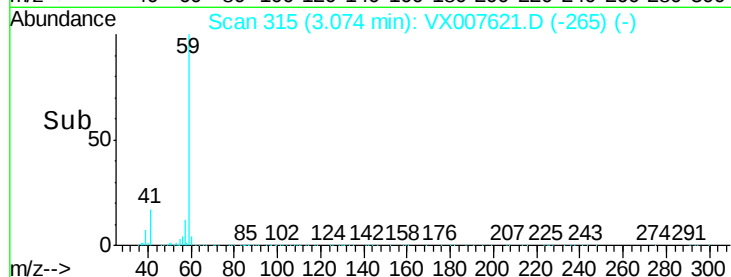
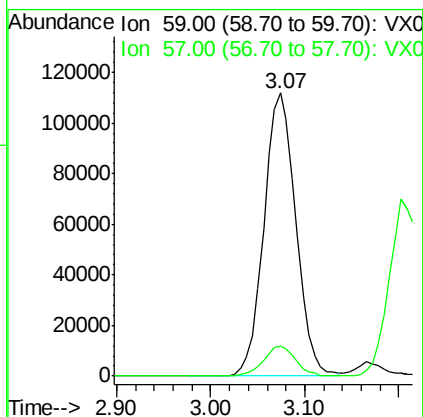
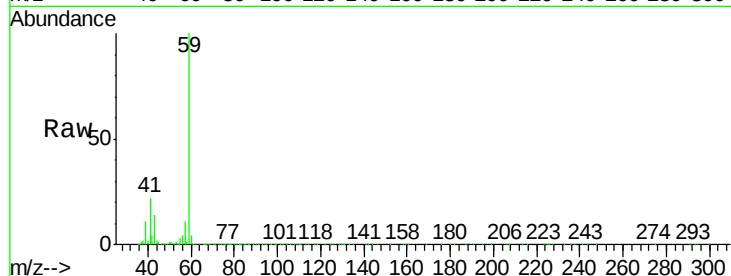


#11

Tert butyl alcohol
Concen: 226.582 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

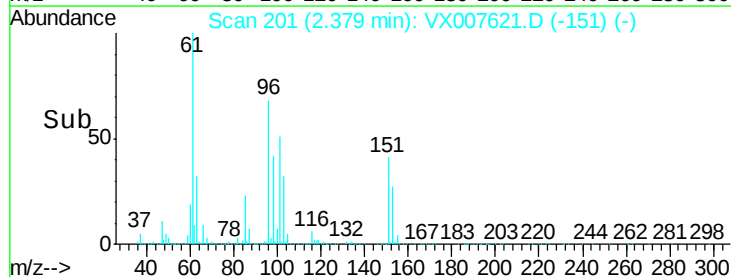
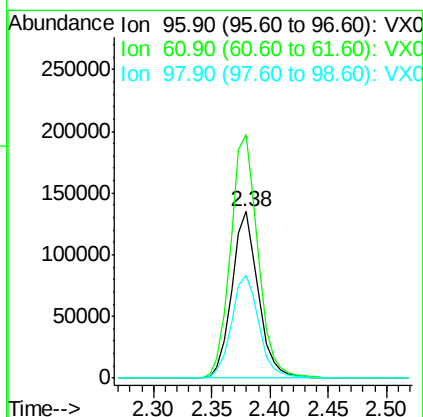
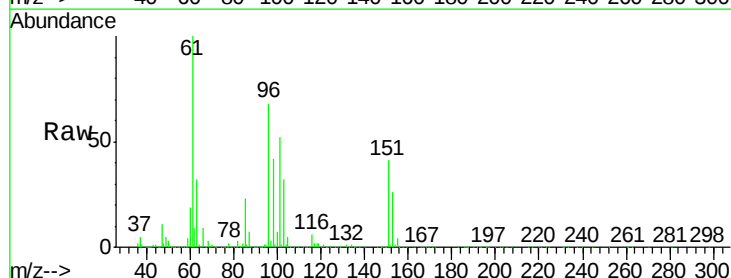
Tot Ion: 59 Resp: 264744
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1

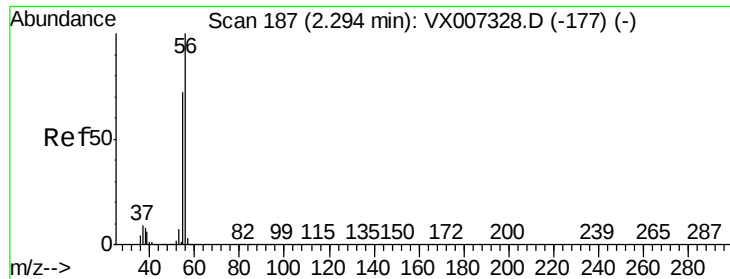


#12

1,1-Dichloroethene
Concen: 42.196 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 96 Resp: 214306
Ion Ratio Lower Upper
96 100
61 146.0 123.0 184.4
98 61.8 50.9 76.3

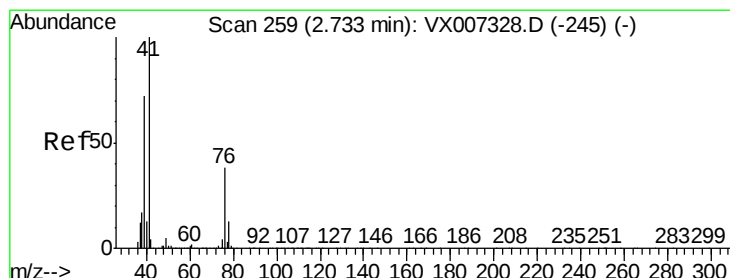
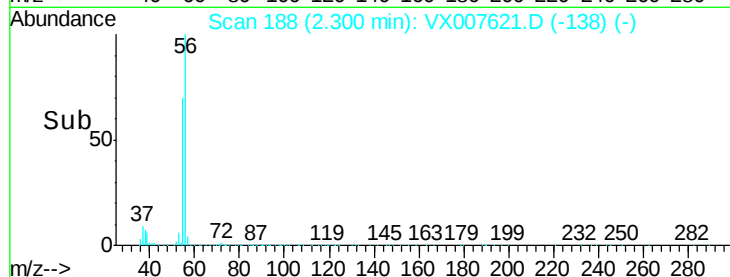
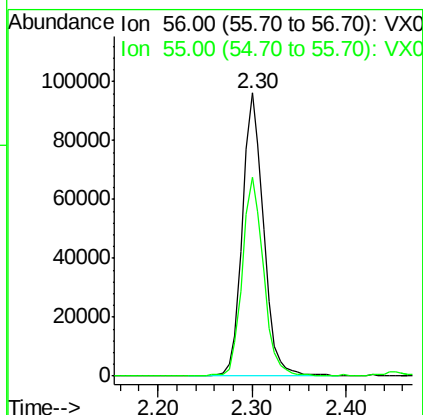
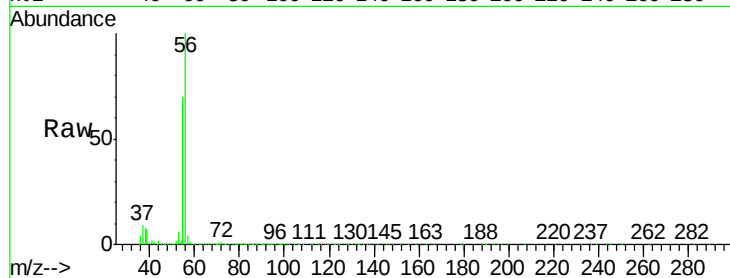




#13
Acrolein
Concen: 275.931 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

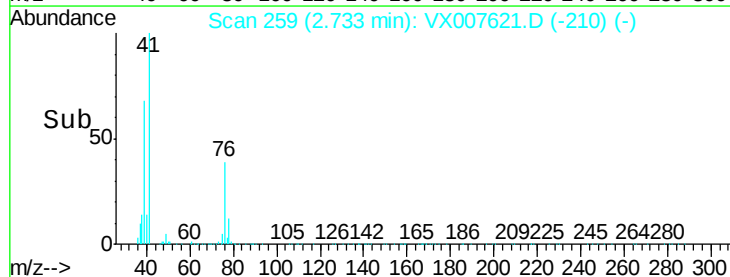
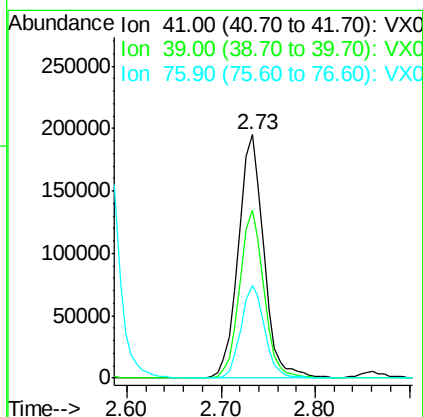
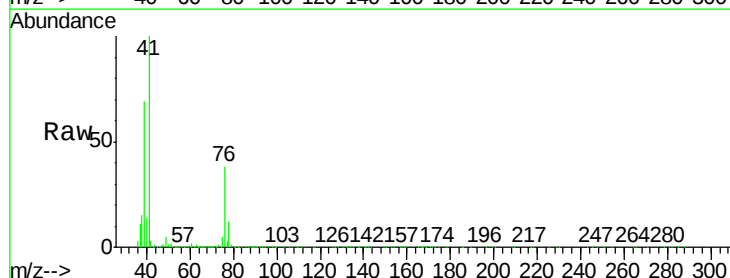
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 151184
Ion Ratio Lower Upper
56 100
55 69.7 56.9 85.3



#14
Allyl chloride
Concen: 44.478 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 41 Resp: 368063
Ion Ratio Lower Upper
41 100
39 65.6 54.1 81.1
76 35.4 27.8 41.8





#15

Acrylonitrile

Concen: 226.559 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

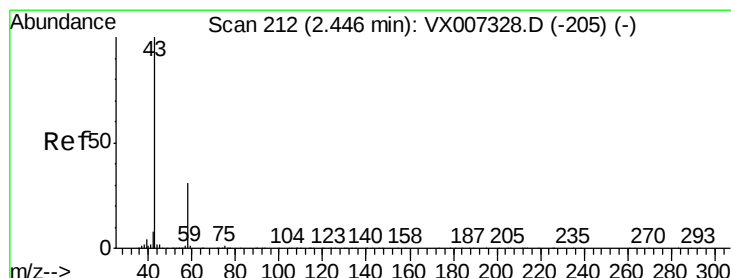
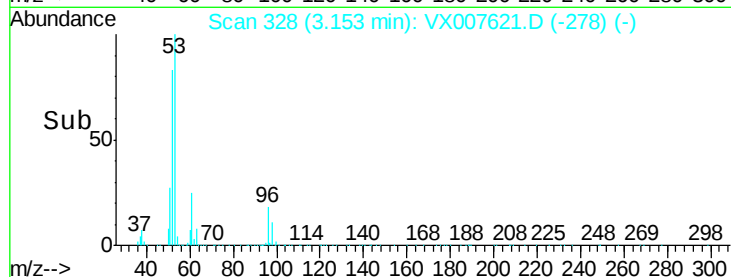
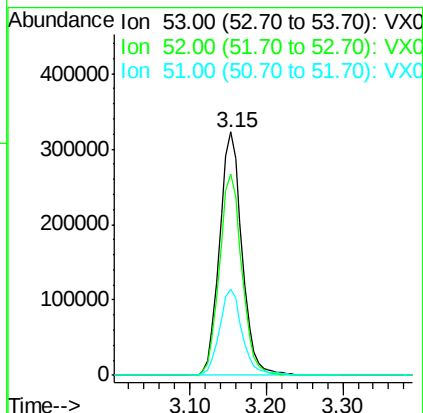
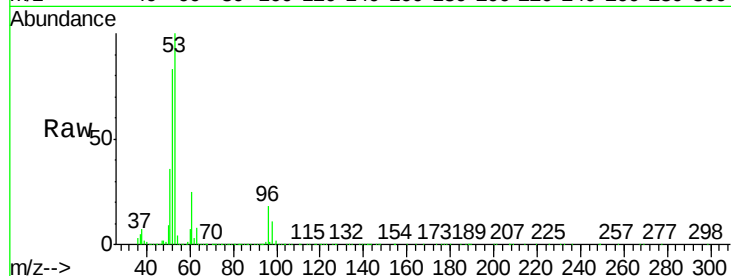
Tot Ion: 53 Resp: 654857

Ion Ratio Lower Upper

53 100

52 82.2 66.4 99.6

51 35.7 28.4 42.6



#16

Acetone

Concen: 240.289 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007621.D

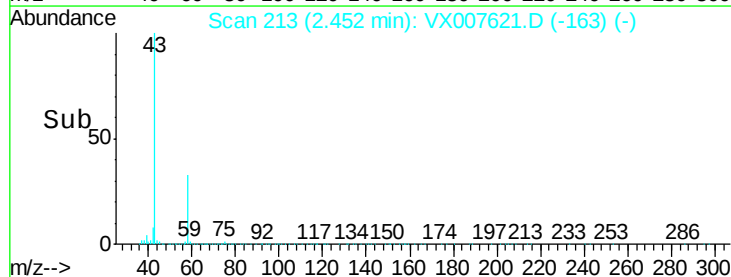
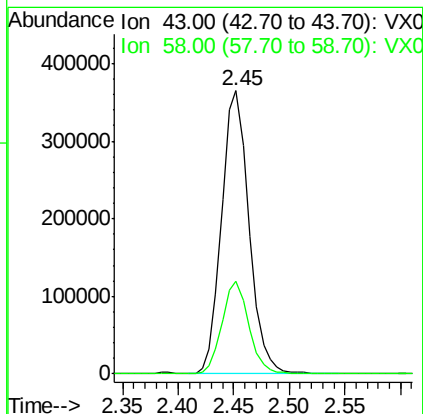
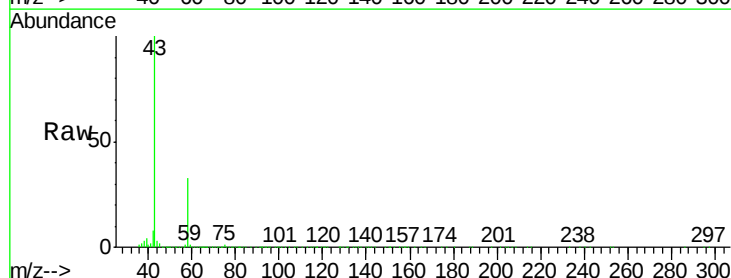
Acq: 21 Feb 2019 10:46

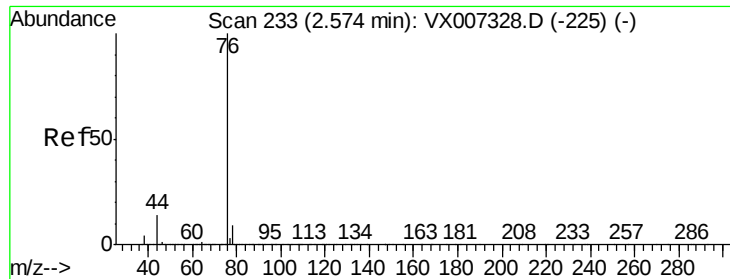
Tgt Ion: 43 Resp: 621445

Ion Ratio Lower Upper

43 100

58 32.7 24.9 37.3





#17

Carbon Disulfide

Concen: 38.500 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

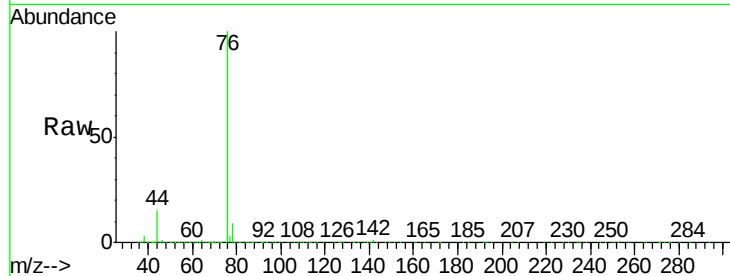
VSTDCCC050

Tot Ion: 76 Resp: 504543

Ion Ratio Lower Upper

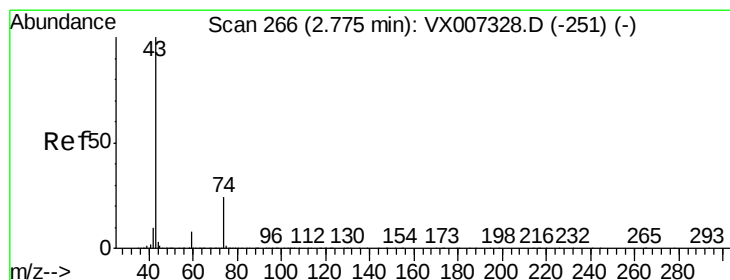
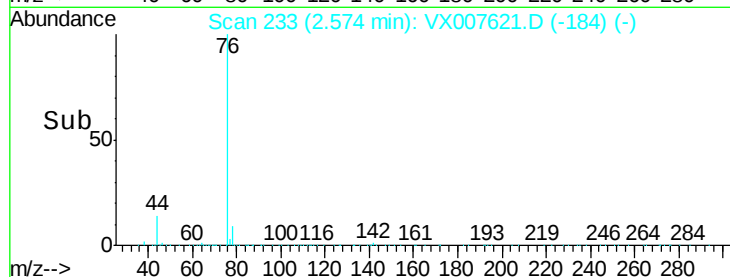
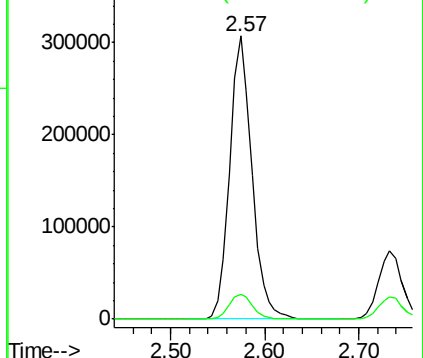
76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 54.554 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007621.D

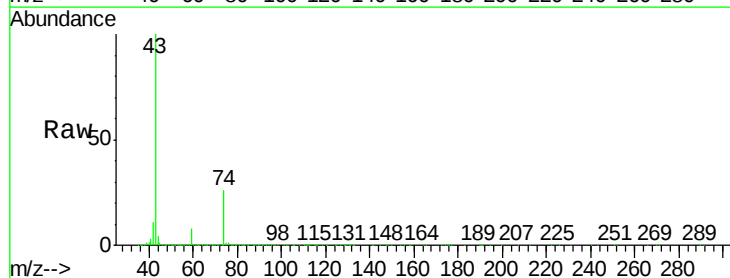
Acq: 21 Feb 2019 10:46

Tgt Ion: 43 Resp: 367977

Ion Ratio Lower Upper

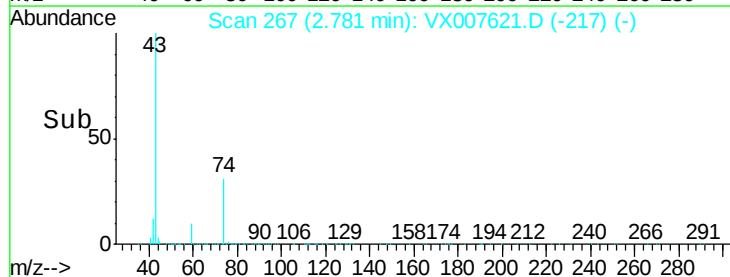
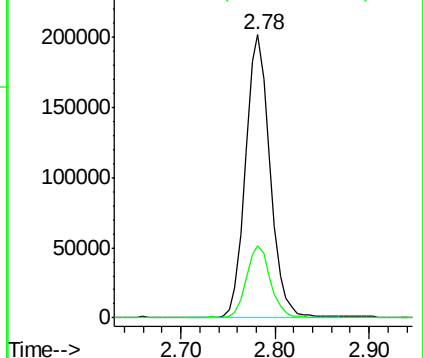
43 100

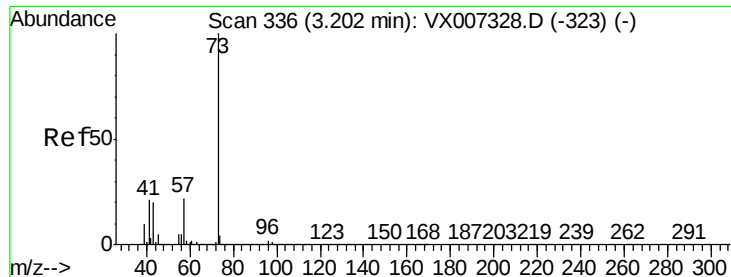
74 25.2 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

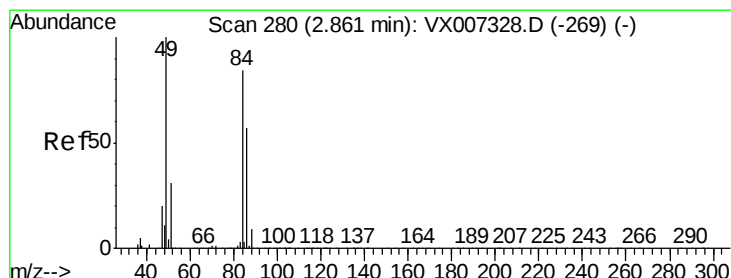
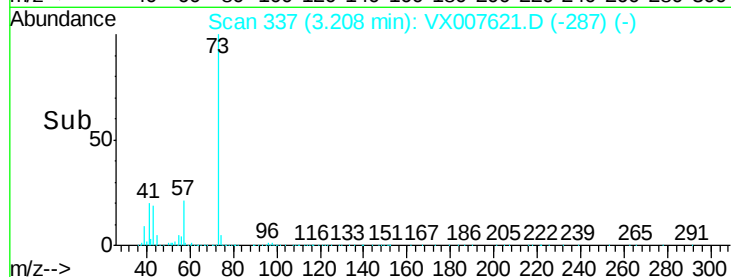
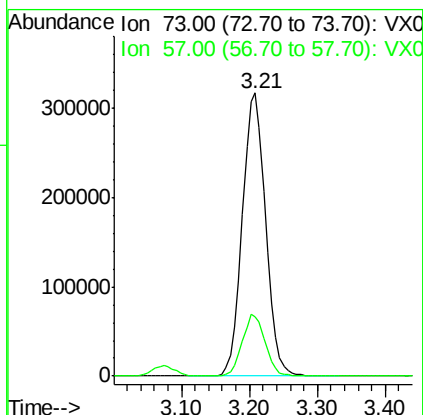
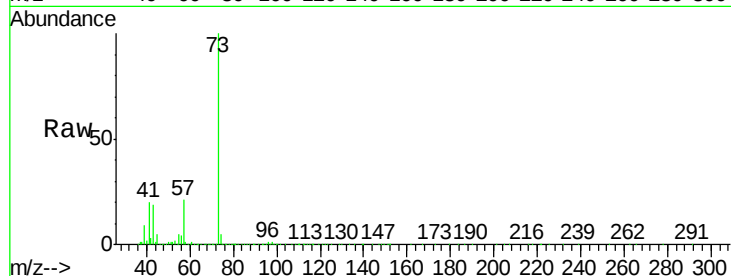




#19
Methvl tert-butvl Ether
Concen: 45.677 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

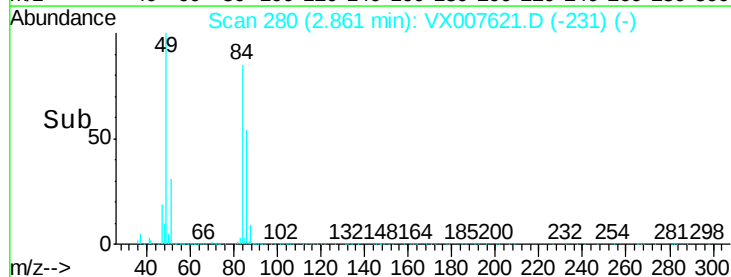
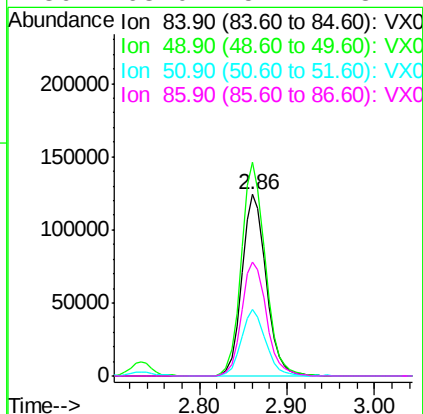
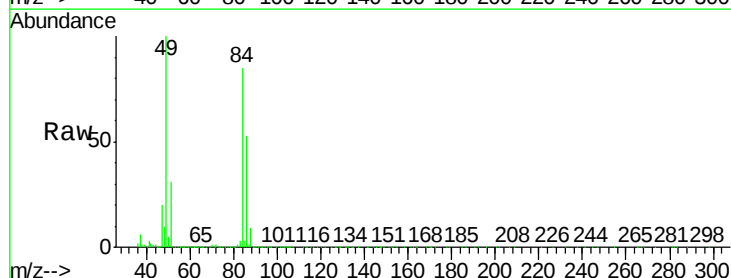
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

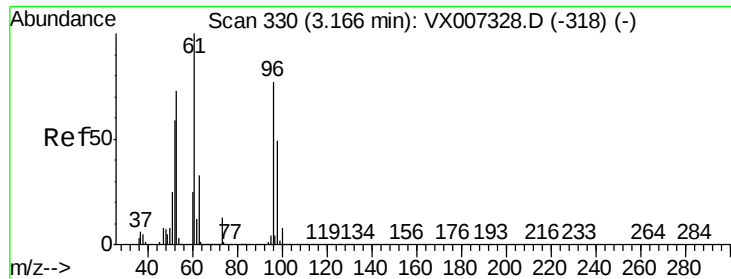
Tot Ion: 73 Resp: 751555
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 44.898 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 84 Resp: 237389
Ion Ratio Lower Upper
84 100
49 117.7 94.8 142.2
51 36.5 29.8 44.8
86 63.0 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 42.239 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

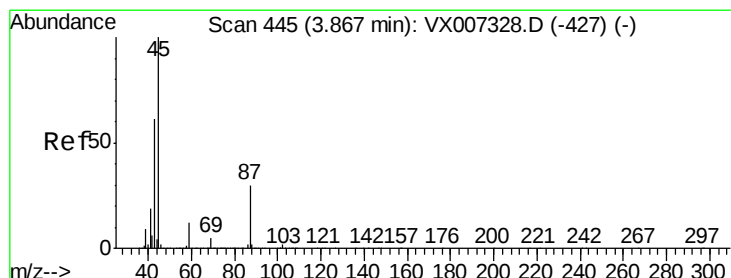
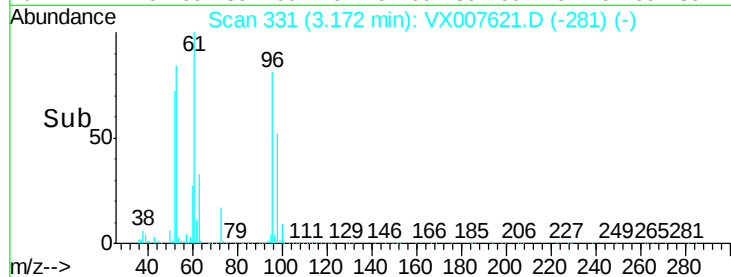
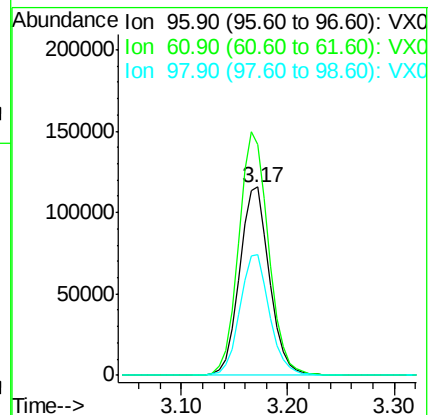
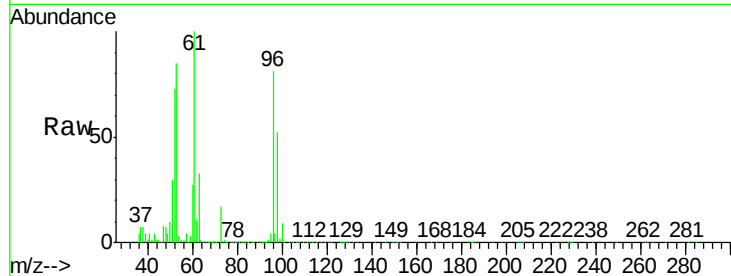
Tot Ion: 96 Resp: 228520

Ion Ratio Lower Upper

96 100

61 122.7 104.6 156.8

98 64.1 51.0 76.4



#22

Diisopropyl ether

Concen: 47.745 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Tgt Ion: 45 Resp: 726756

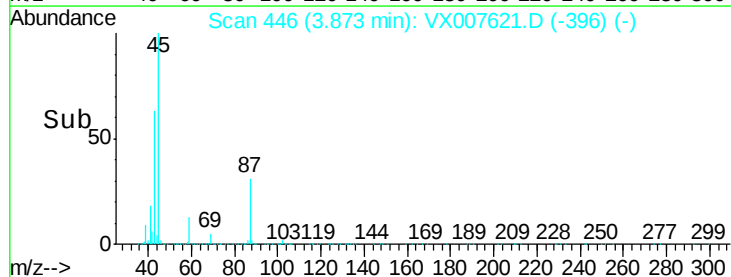
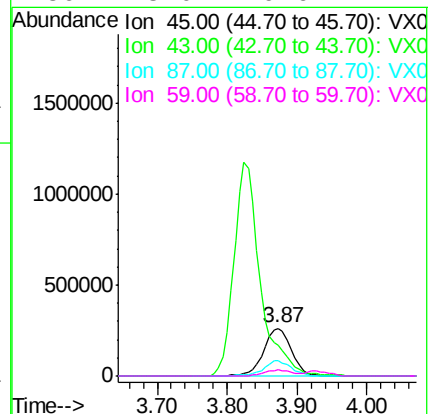
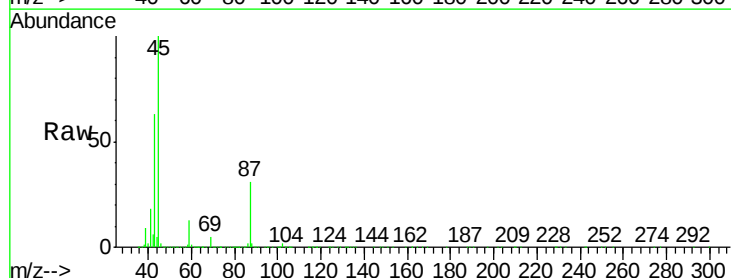
Ion Ratio Lower Upper

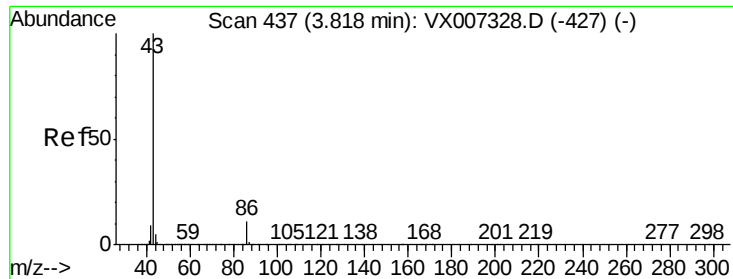
45 100

43 62.9 48.9 73.3

87 31.1 23.9 35.9

59 13.0 9.6 14.4





#23

Vinyl Acetate

Concen: 244.343 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

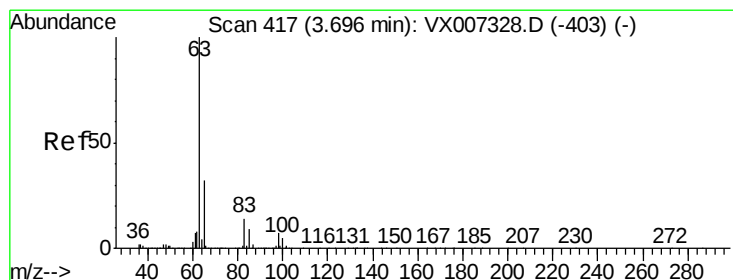
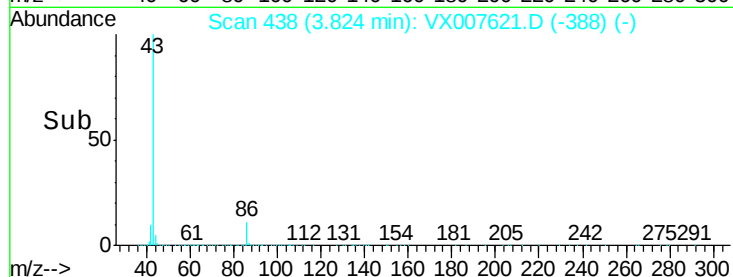
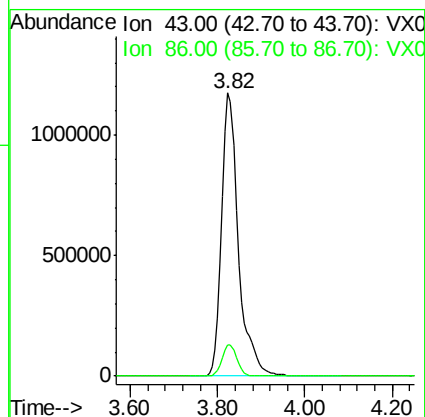
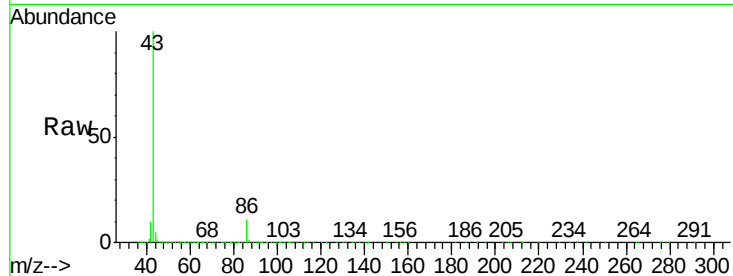
VSTDCCC050

Tot Ion: 43 Resp: 3086385

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 47.170 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

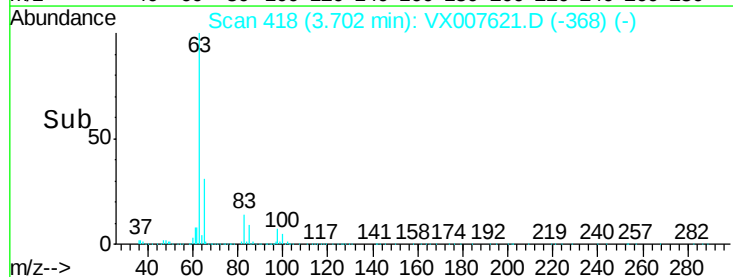
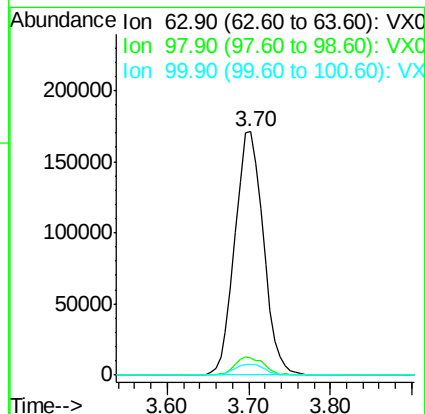
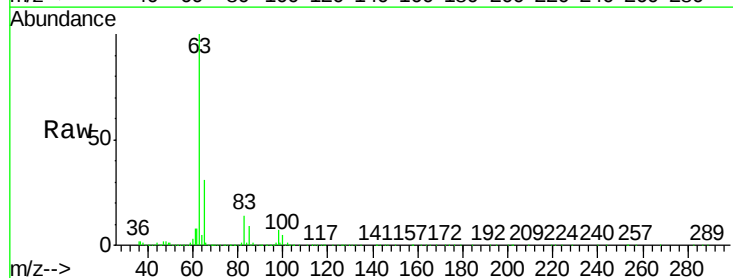
Tgt Ion: 63 Resp: 412331

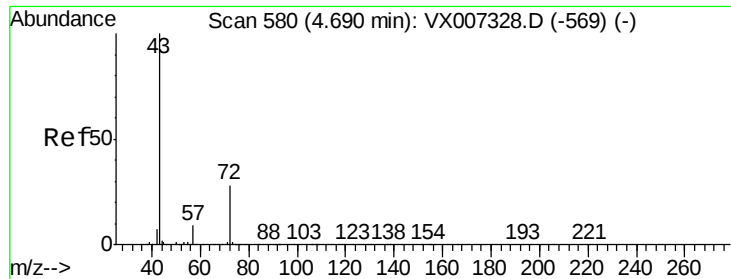
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 248.409 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

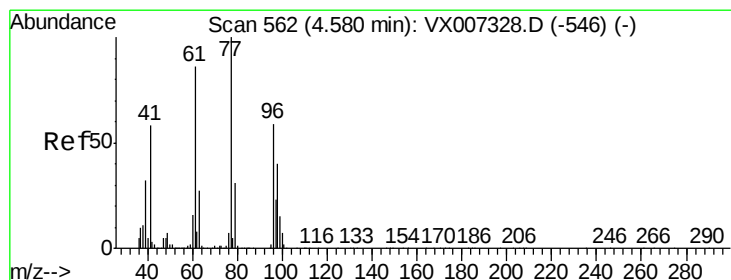
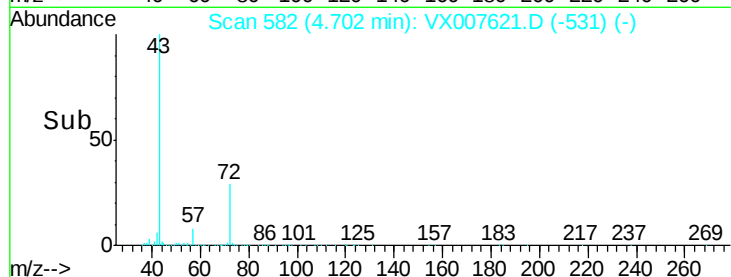
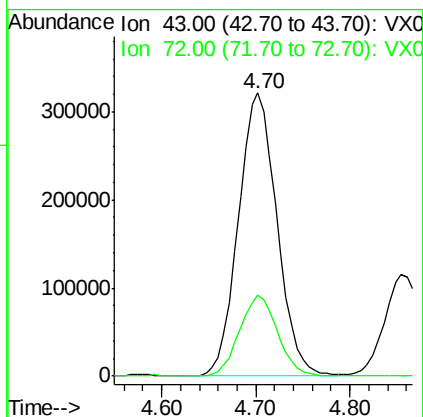
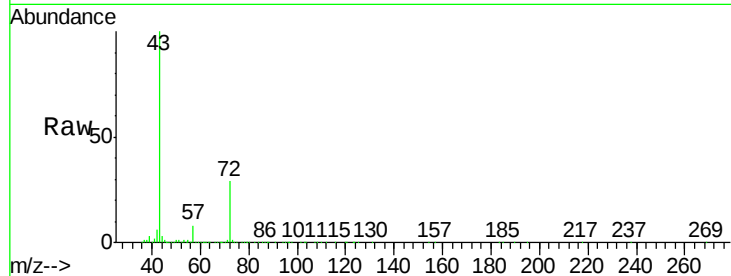
VSTDCCC050

Tot Ion: 43 Resp: 914279

Ion Ratio Lower Upper

43 100

72 28.5 22.2 33.2



#26

2,2-Dichloropropane

Concen: 52.934 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007621.D

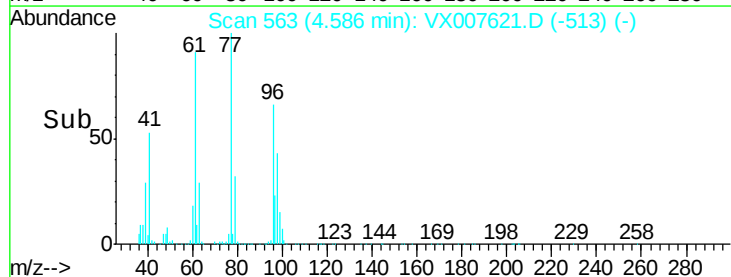
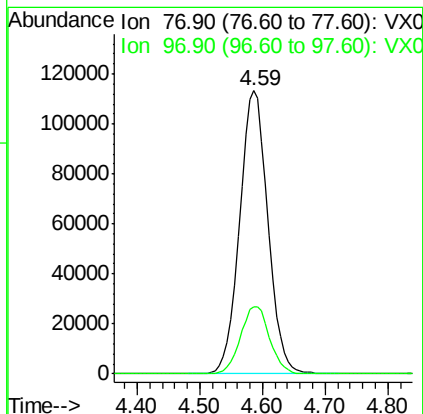
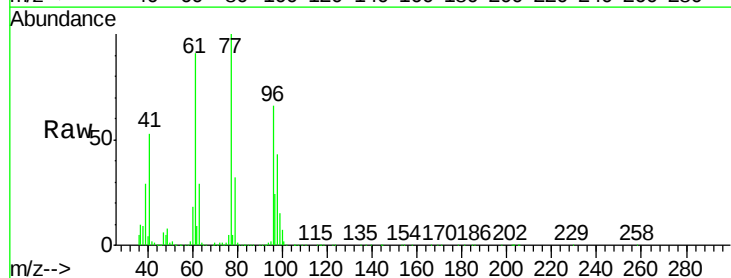
Acq: 21 Feb 2019 10:46

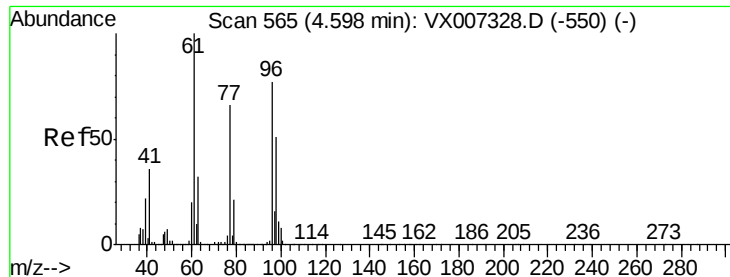
Tgt Ion: 77 Resp: 352386

Ion Ratio Lower Upper

77 100

97 24.6 12.1 36.3



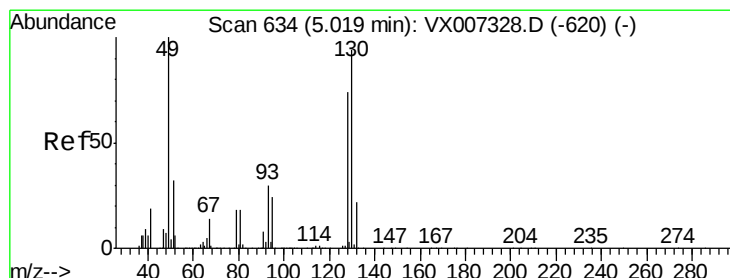
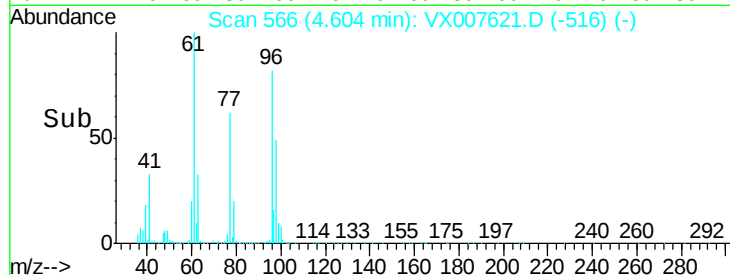
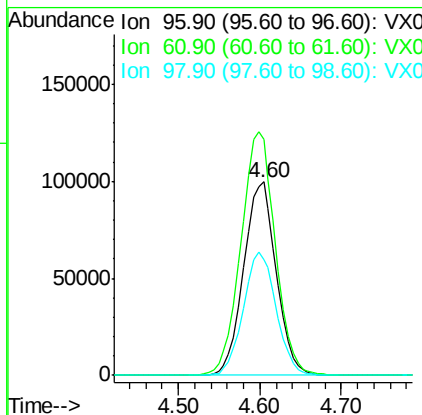
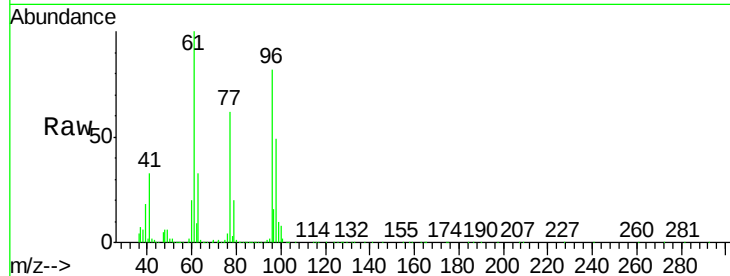


#27

cis-1,2-Dichloroethene
Concen: 46.982 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

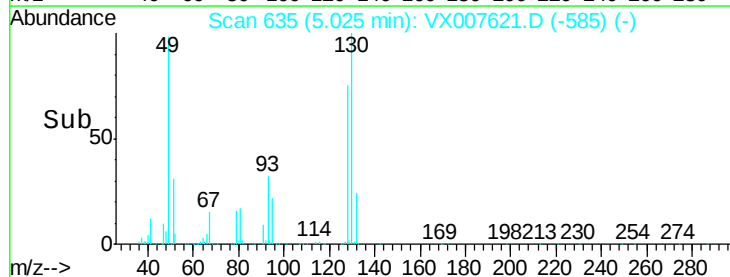
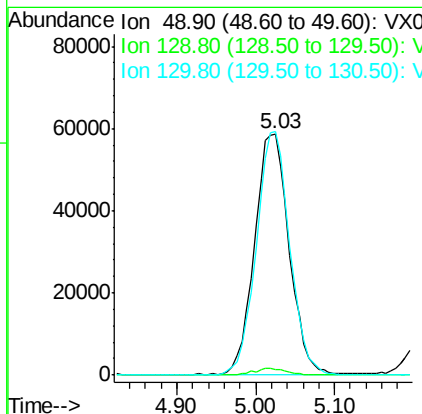
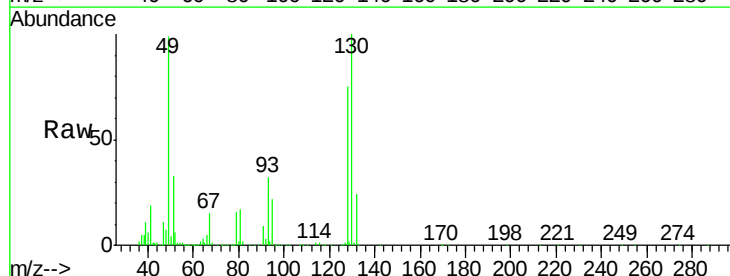
Tot Ion: 96 Resp: 277630
Ion Ratio Lower Upper
96 100
61 131.7 0.0 265.6
98 64.3 0.0 131.6



#28

Bromochloromethane
Concen: 44.511 ug/l
RT: 5.03 min Scan# 635
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 49 Resp: 178929
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.6
130 97.8 75.6 113.4

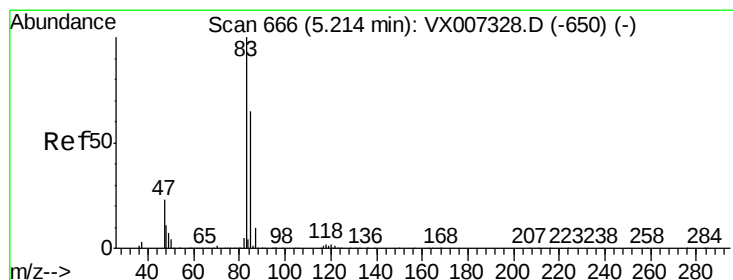
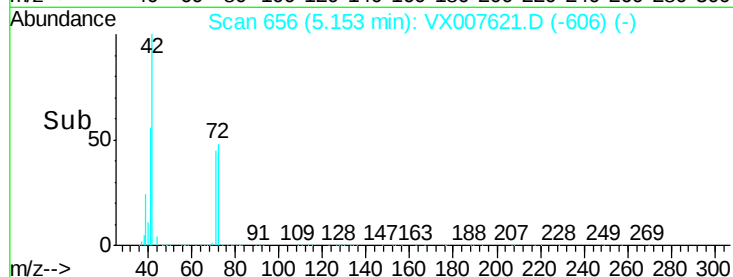
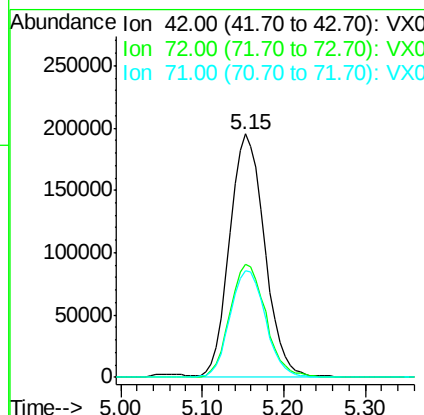
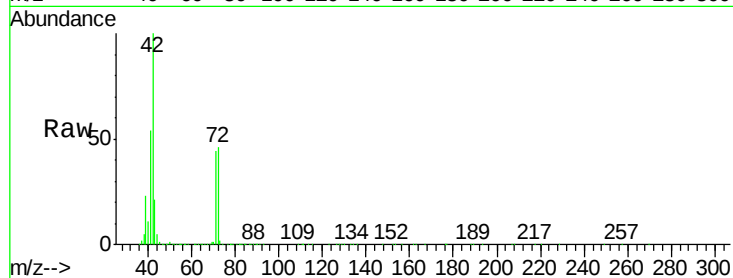




#29
Tetrahydrofuran
Concen: 249.215 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

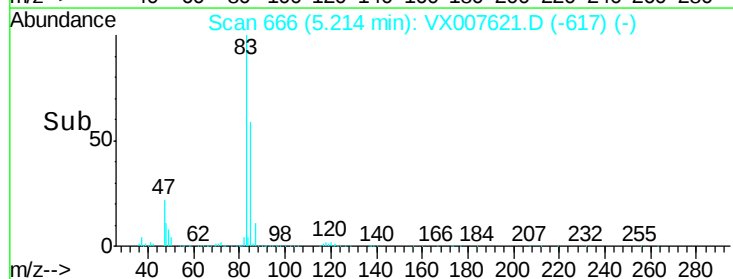
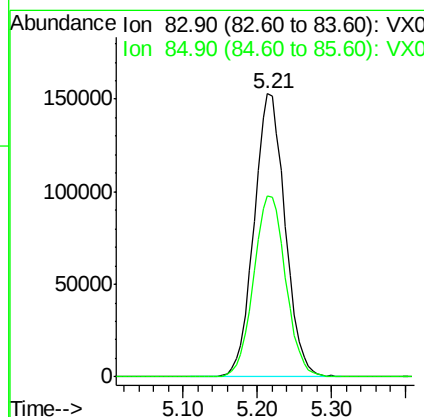
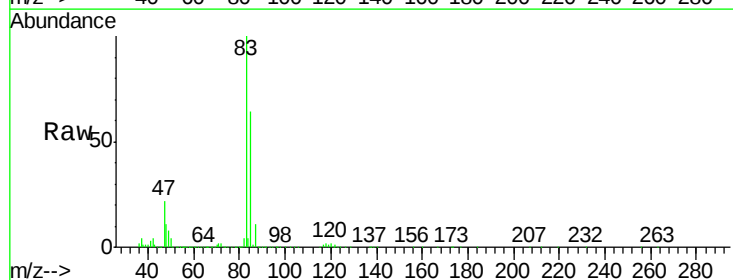
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

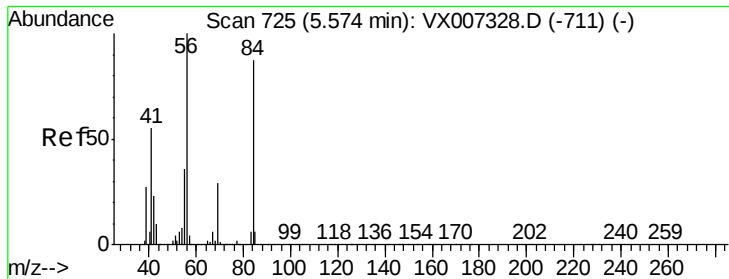
Tot Ion: 42 Resp: 576883
Ion Ratio Lower Upper
42 100
72 47.6 37.6 56.4
71 44.7 34.6 51.8



#30
Chloroform
Concen: 49.017 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 83 Resp: 447118
Ion Ratio Lower Upper
83 100
85 63.8 51.6 77.4





#31

Cyclohexane

Concen: 44.258 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

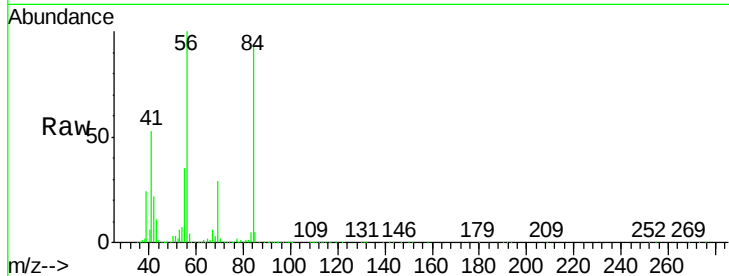
Tot Ion: 56 Resp: 347471

Ion Ratio Lower Upper

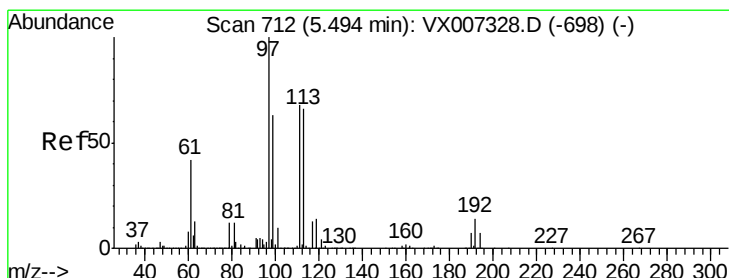
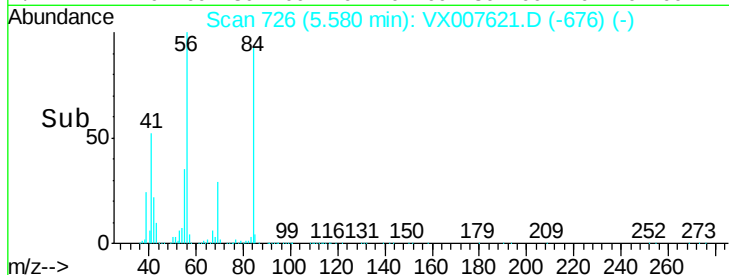
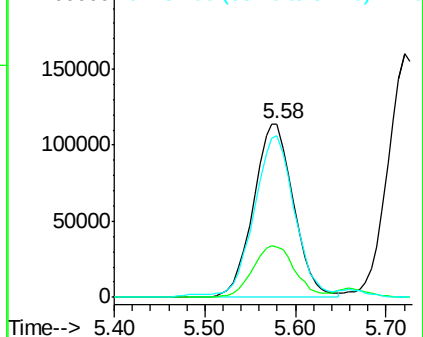
56 100

69 29.4 23.0 34.6

84 91.3 69.8 104.6



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



#32

1,1,1-Trichloroethane

Concen: 50.531 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

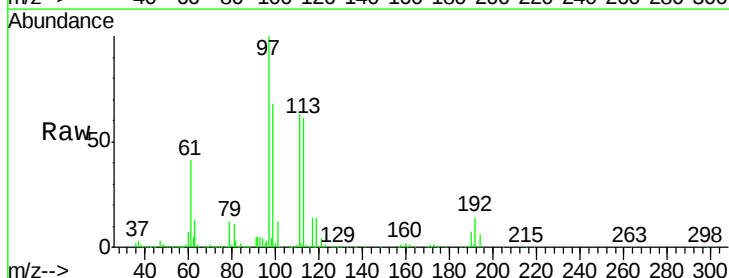
Tgt Ion: 97 Resp: 389070

Ion Ratio Lower Upper

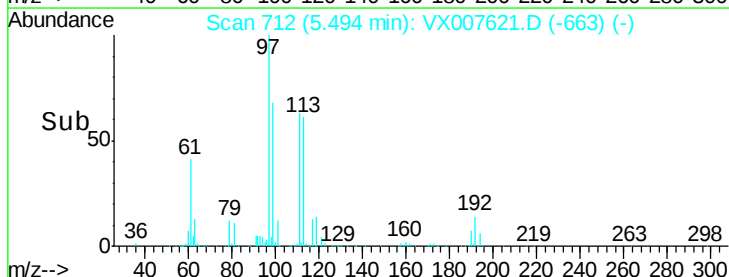
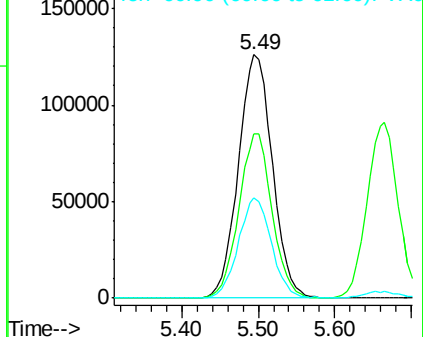
97 100

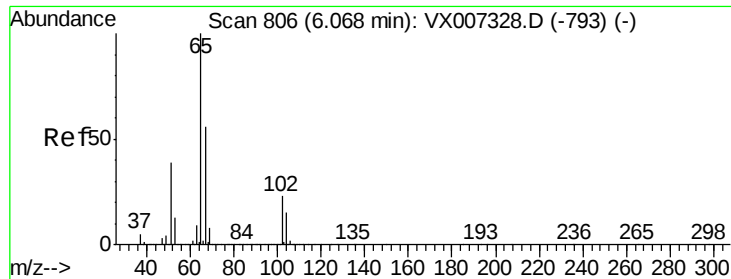
99 65.6 52.2 78.2

61 40.3 32.7 49.1



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

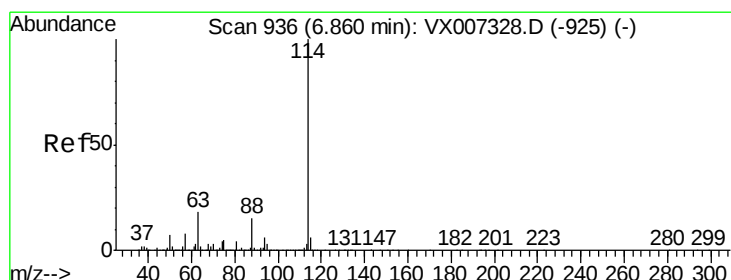
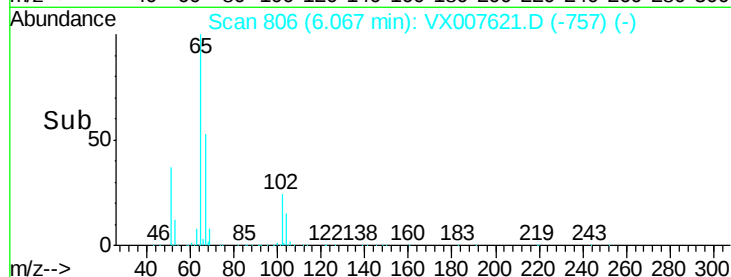
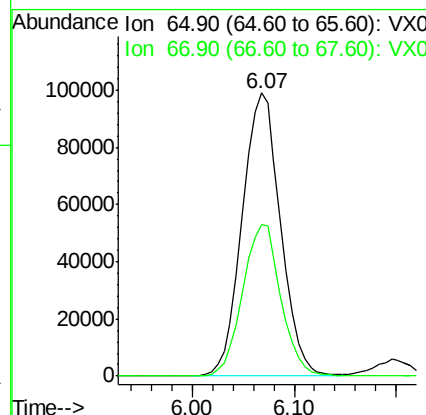
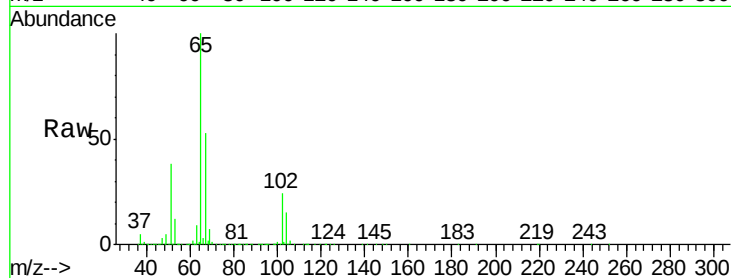




#33
 1,2-Dichloroethane-d4
 Concen: 45.861 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007621.D
 Acq: 21 Feb 2019 10:46

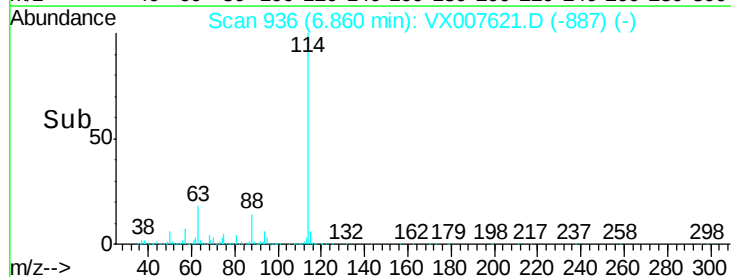
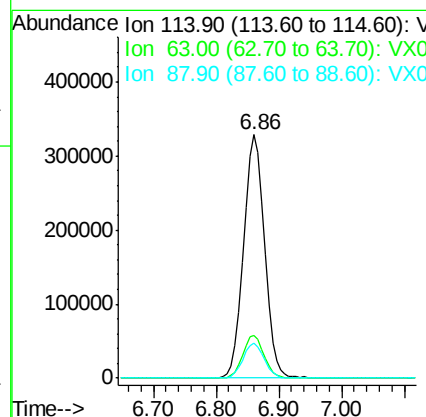
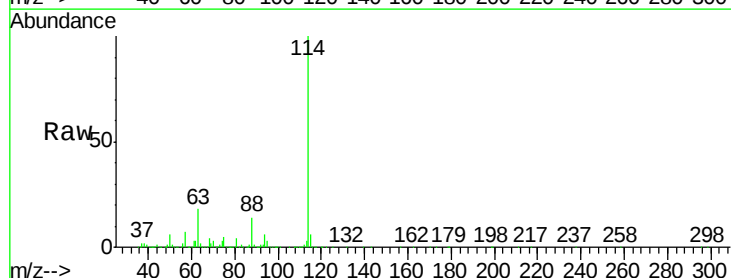
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

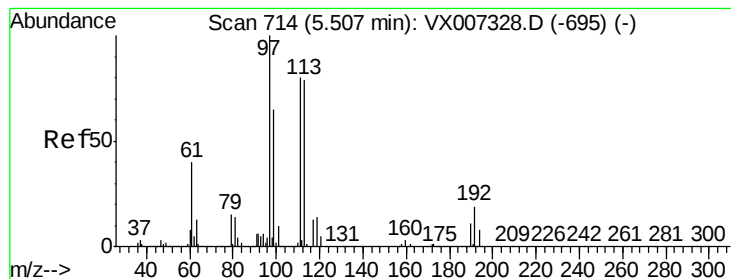
Tot Ion: 65 Resp: 258929
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007621.D
 Acq: 21 Feb 2019 10:46

Tgt Ion: 114 Resp: 762581
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.6
 88 14.5 0.0 29.6





#35

Dibromofluoromethane

Concen: 49.588 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

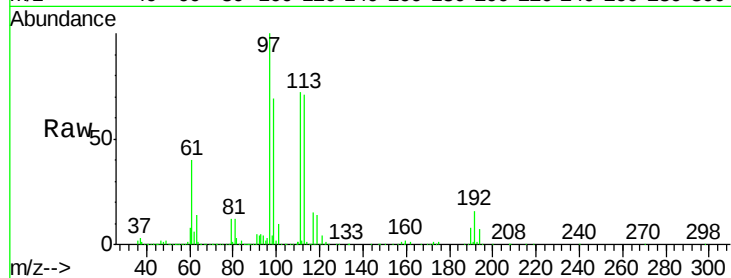
Tot Ion:113 Resp: 246047

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

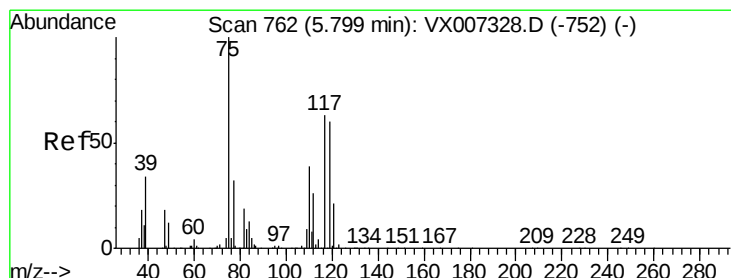
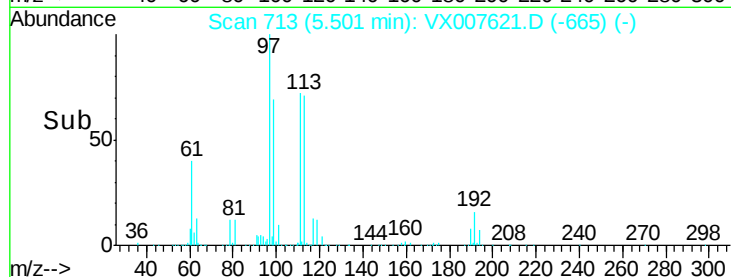
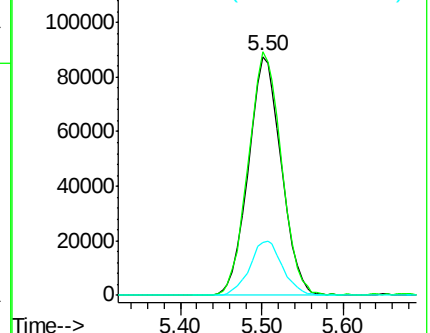
192 22.8 18.5 27.7



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: 45.598 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

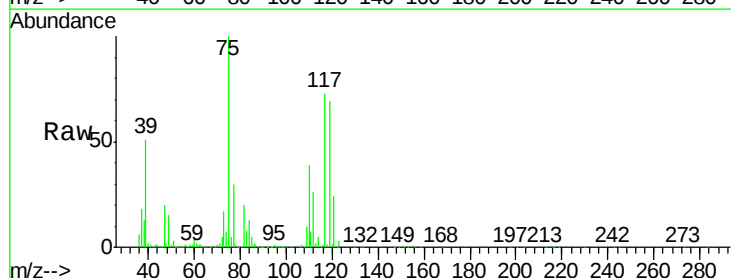
Tgt Ion: 75 Resp: 311991

Ion Ratio Lower Upper

75 100

110 41.1 20.0 59.9

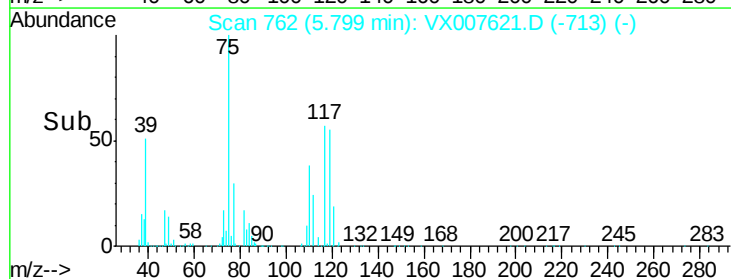
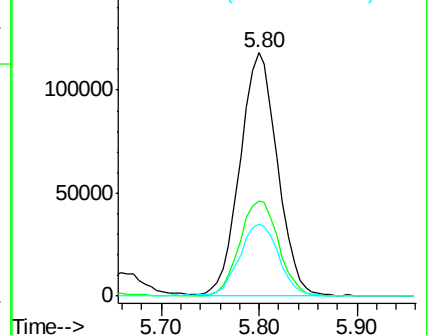
77 31.8 24.7 37.1

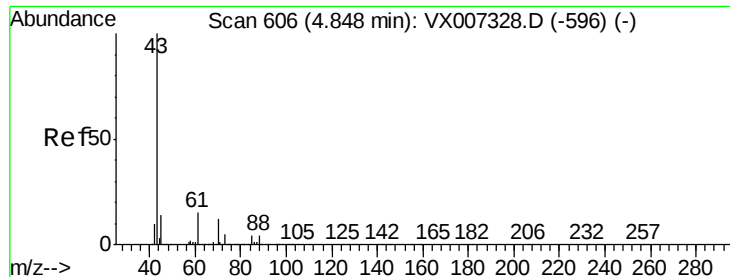


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

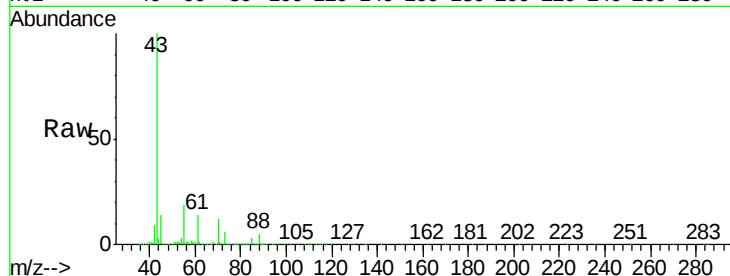




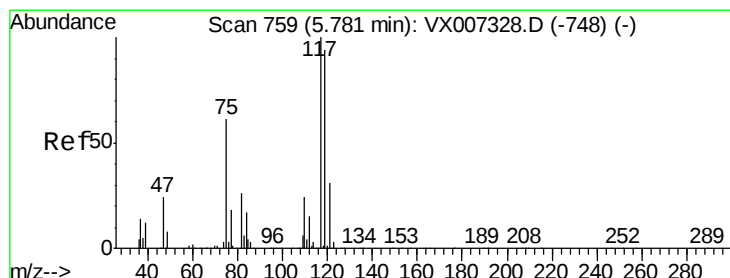
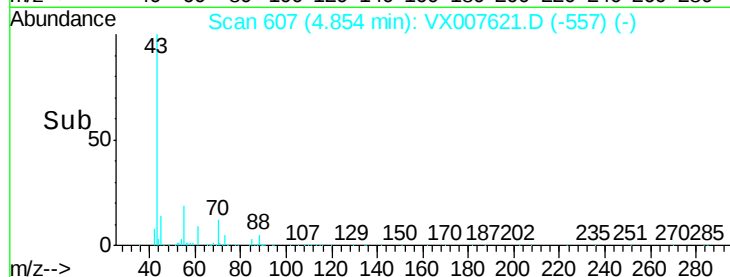
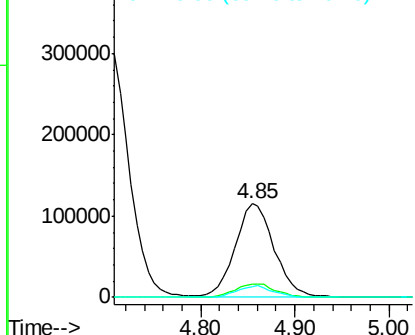
#37
Ethyl Acetate
Concen: 47.861 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	331034
Ion Ratio	Lower	Upper	
43	100		
61	14.8	11.3	16.9
70	12.0	8.6	13.0

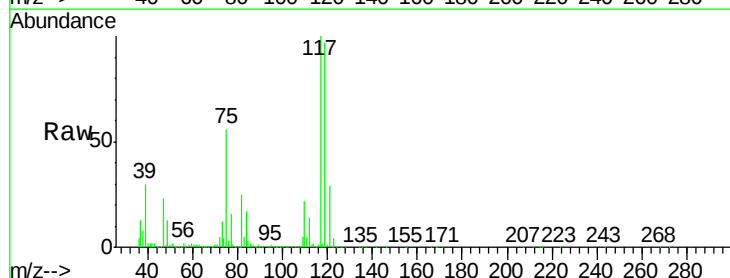


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

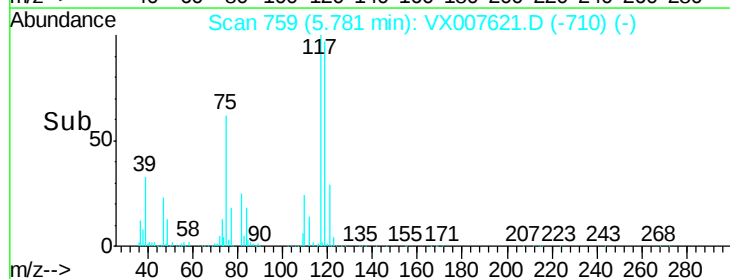
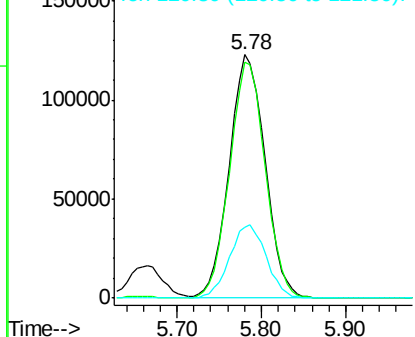


#38
Carbon Tetrachloride
Concen: 53.253 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion	117	Resp	353493
Ion Ratio	Lower	Upper	
117	100		
119	96.7	75.3	112.9
121	28.9	25.0	37.4



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

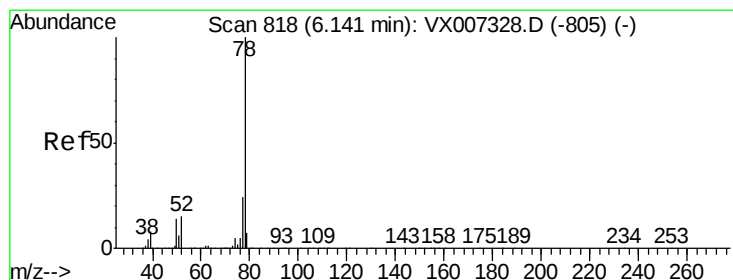
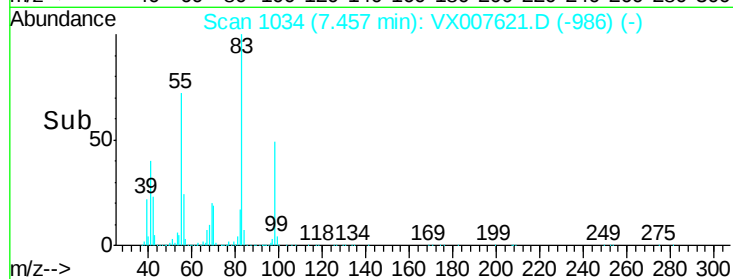
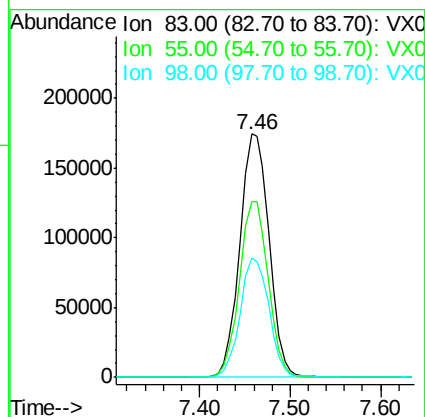
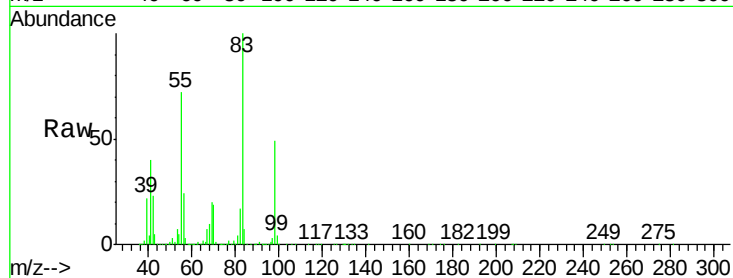




#39
Methvlcvclohexane
Concen: 47.046 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

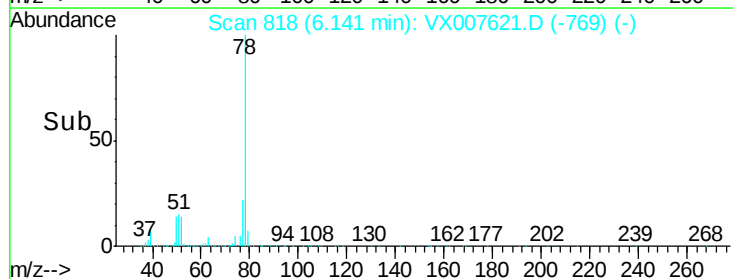
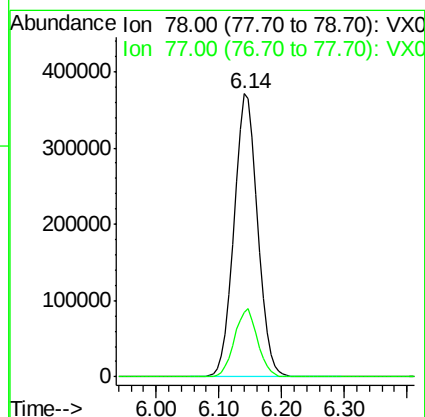
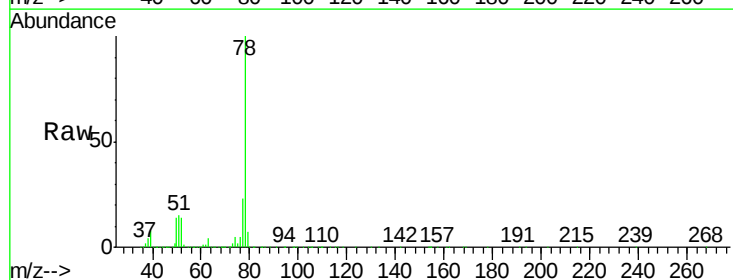
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

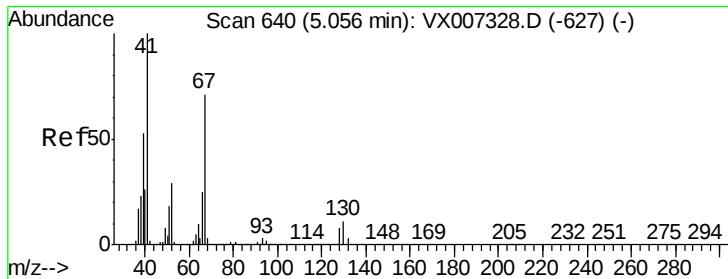
Tot Ion: 83 Resp: 389463
Ion Ratio Lower Upper
83 100
55 72.0 56.2 84.2
98 48.8 36.8 55.2



#40
Benzene
Concen: 47.881 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 78 Resp: 965037
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9

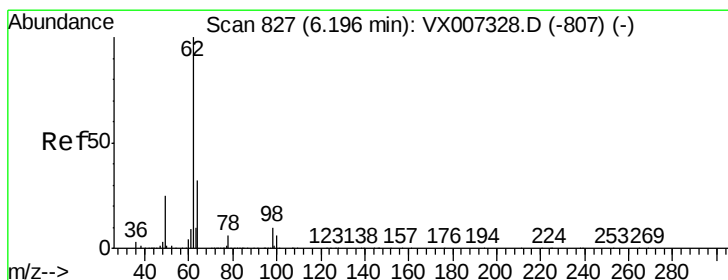
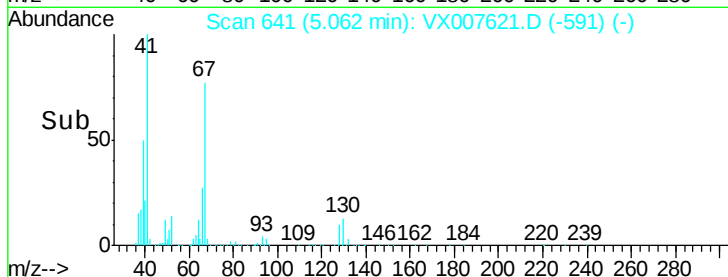
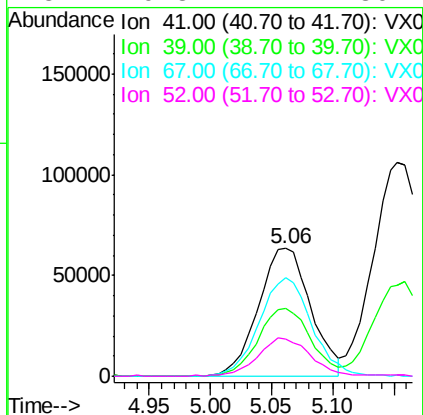
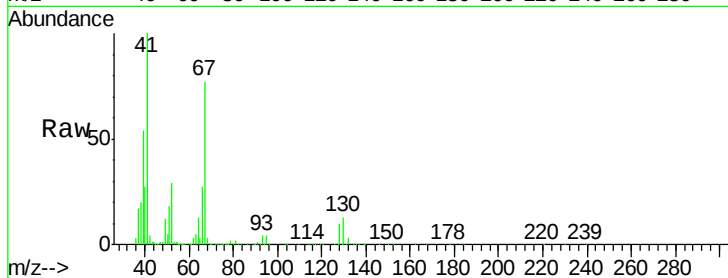




#41
Methacrylonitrile
Concen: 50.725 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

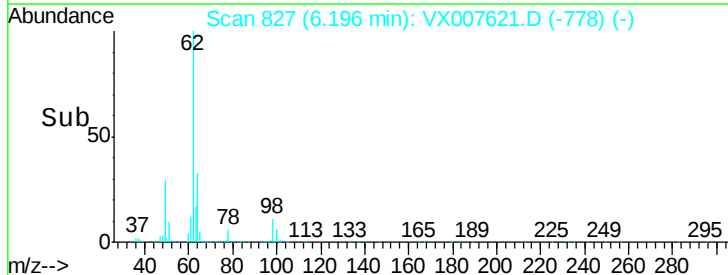
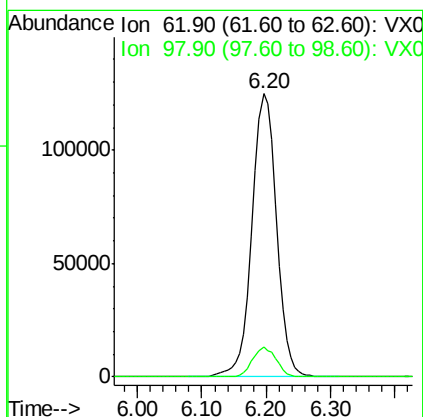
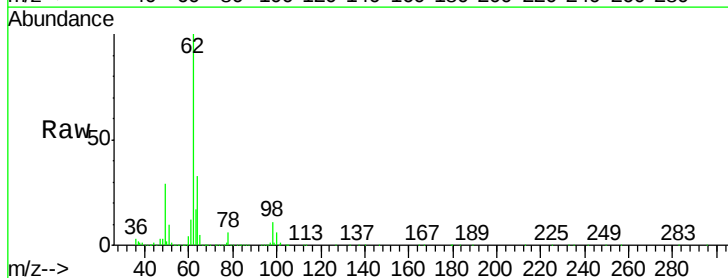
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

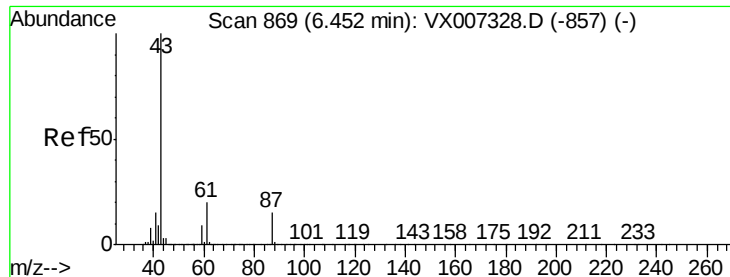
Tot Ion:	41	Resp:	188034
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.5	66.7
67	77.6	60.4	90.6
52	29.8	24.1	36.1



#42
1,2-Dichloroethane
Concen: 46.831 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion:	62	Resp:	326576
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.0



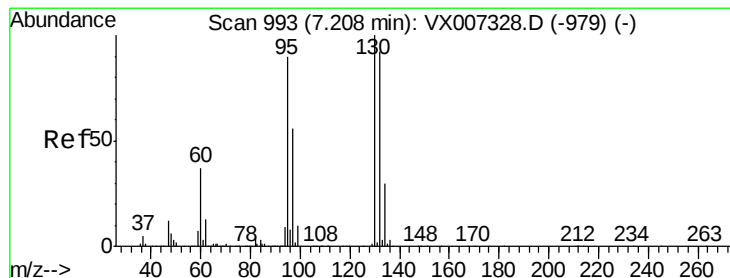
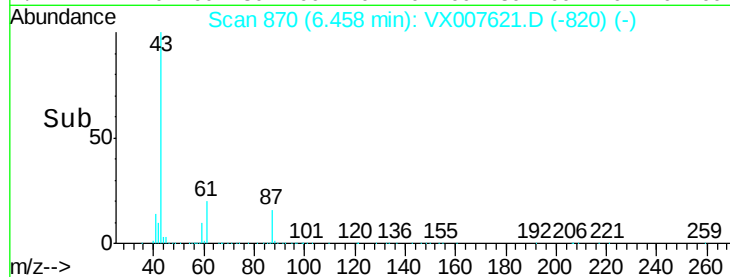
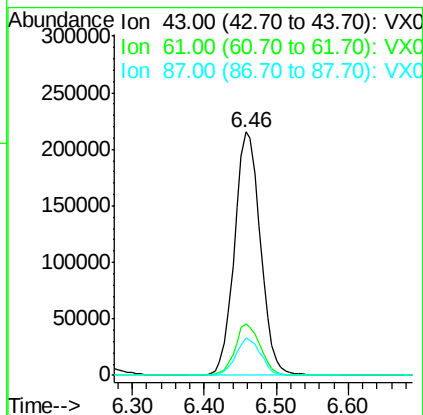
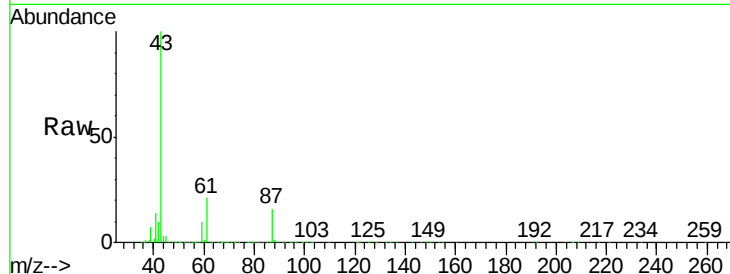


#43

Isopropyl Acetate
 Concen: 50.192 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007621.D
 Acq: 21 Feb 2019 10:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

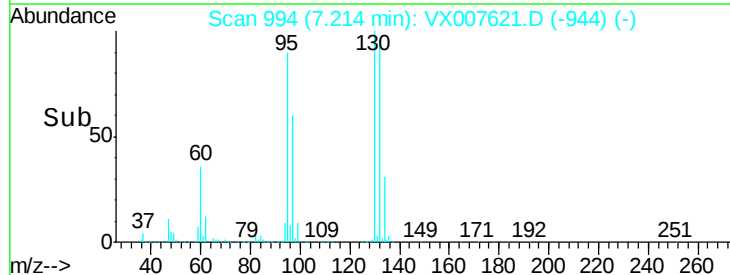
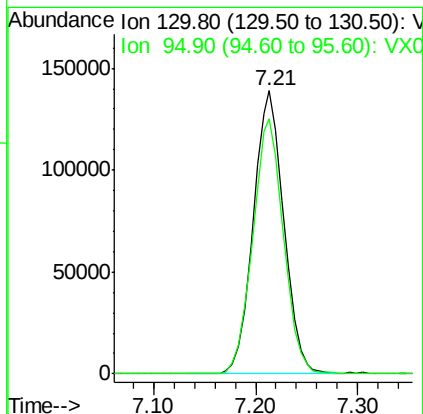
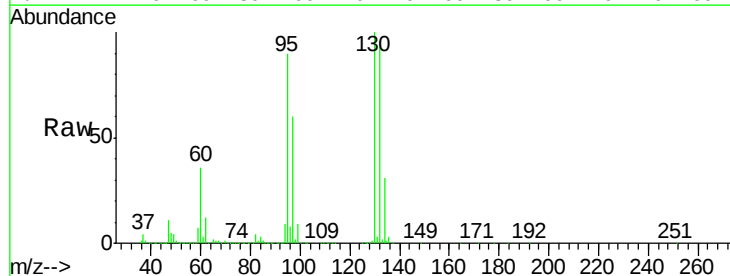
Tot Ion: 43 Resp: 535844
 Ion Ratio Lower Upper
 43 100
 61 20.6 16.1 24.1
 87 15.0 11.5 17.3

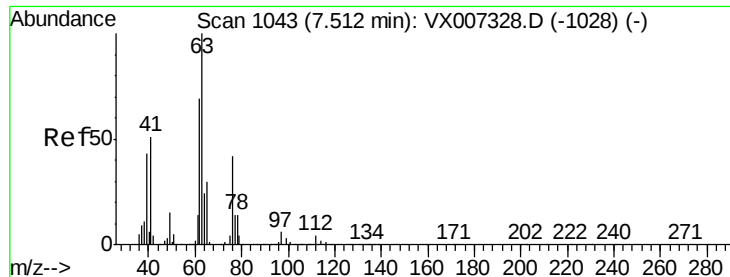


#44

Trichloroethene
 Concen: 47.622 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007621.D
 Acq: 21 Feb 2019 10:46

Tgt Ion: 130 Resp: 289075
 Ion Ratio Lower Upper
 130 100
 95 90.3 0.0 180.0





#45

1,2-Dichloropropane

Concen: 49.148 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

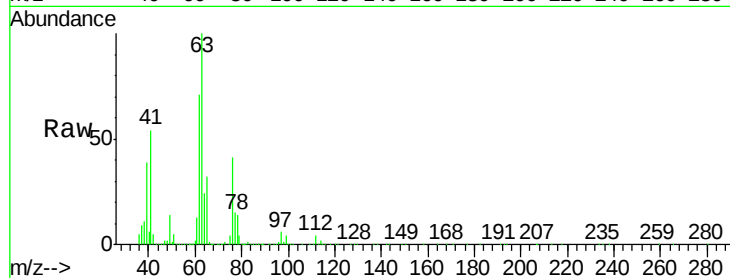
VSTDCCC050

Tot Ion: 63 Resp: 248191

Ion Ratio Lower Upper

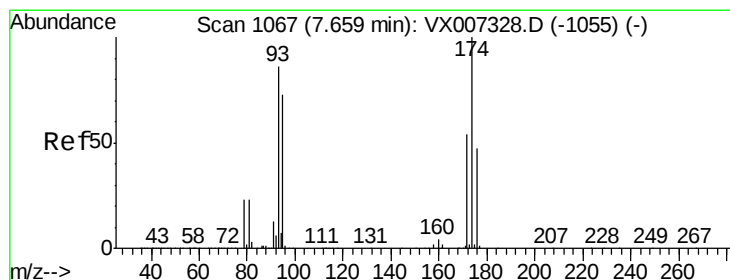
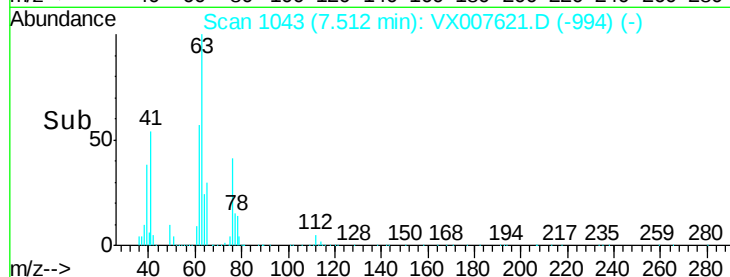
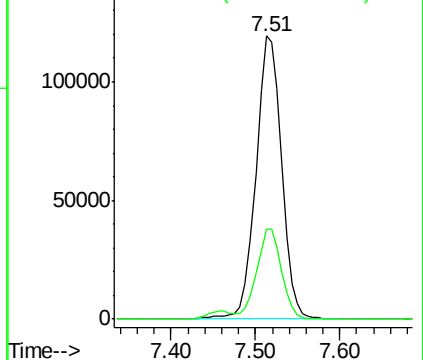
63 100

65 31.7 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.034 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

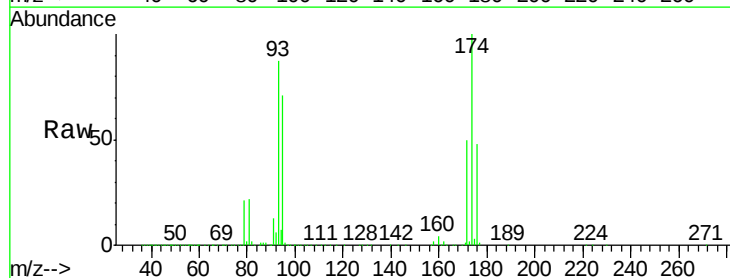
Tgt Ion: 93 Resp: 176298

Ion Ratio Lower Upper

93 100

95 83.0 67.6 101.4

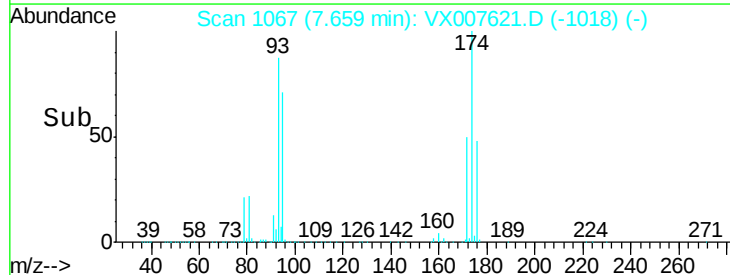
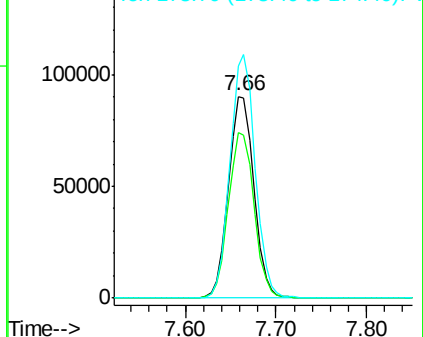
174 119.1 94.2 141.4

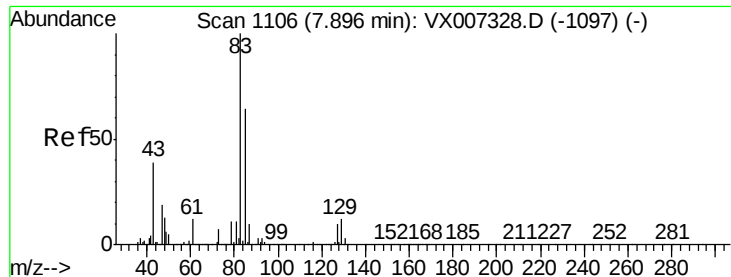


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.854 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

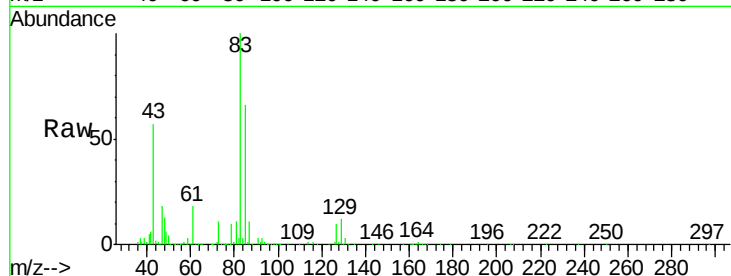
Tot Ion: 83 Resp: 328767

Ion Ratio Lower Upper

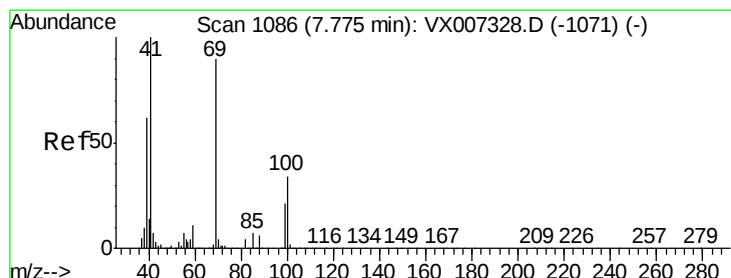
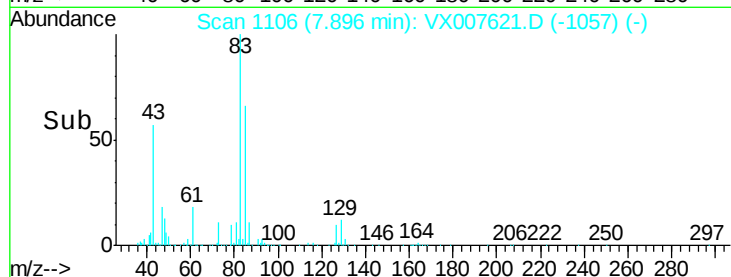
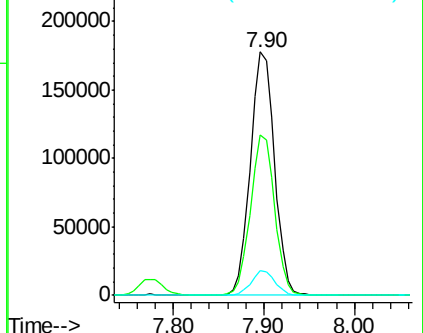
83 100

85 65.8 51.4 77.0

127 10.4 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.777 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

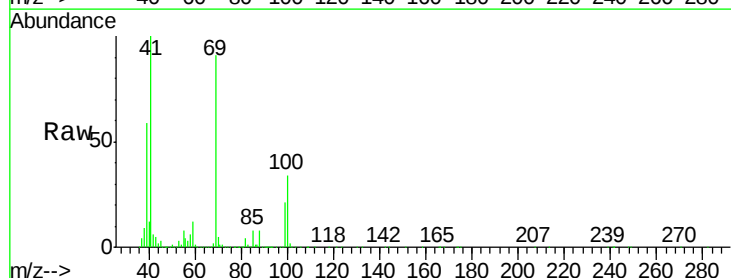
Tgt Ion: 41 Resp: 271151

Ion Ratio Lower Upper

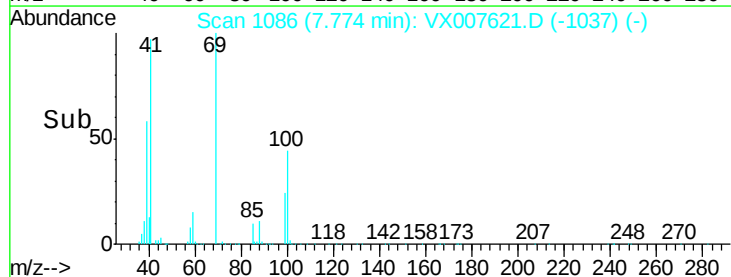
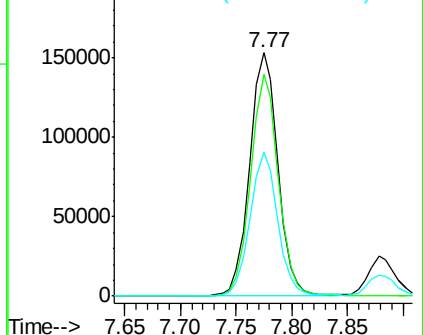
41 100

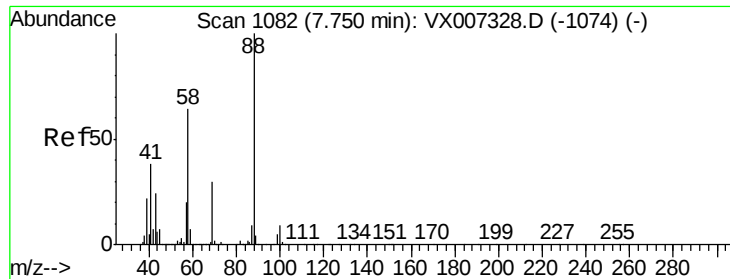
69 90.2 70.2 105.4

39 57.7 47.4 71.0



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: 963.969 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

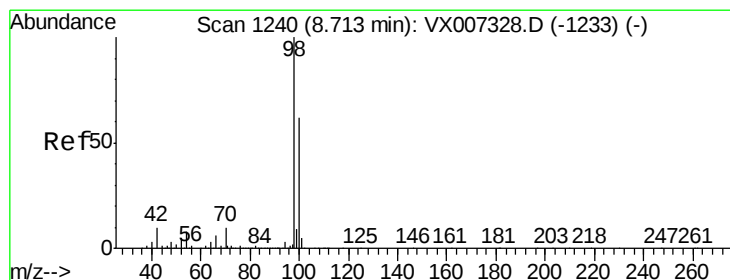
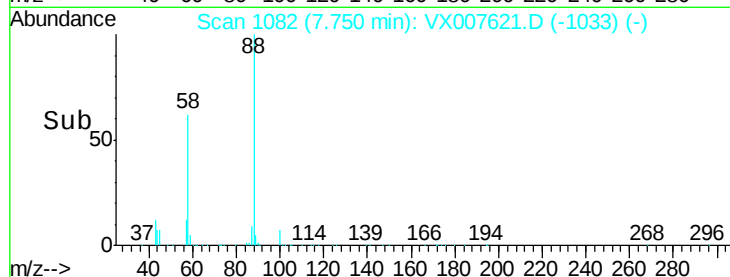
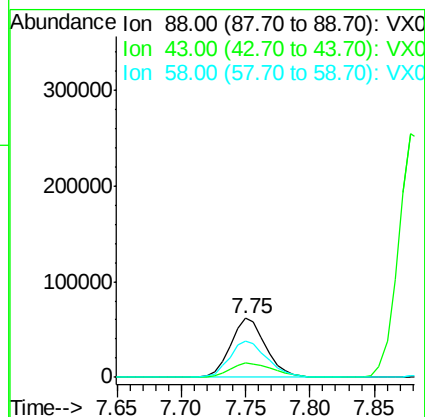
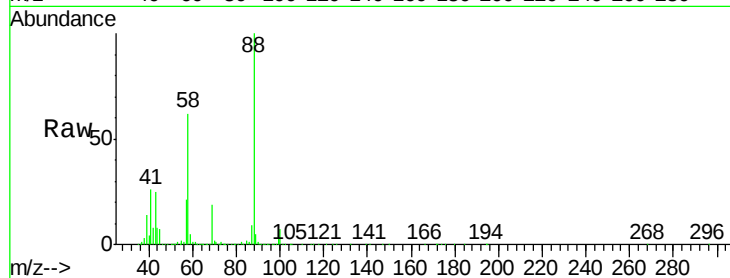
Tot Ion: 88 Resp: 117036

Ion Ratio Lower Upper

88 100

43 29.5 24.2 36.4

58 66.2 53.0 79.4



#50

Toluene-d8

Concen: 46.503 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007621.D

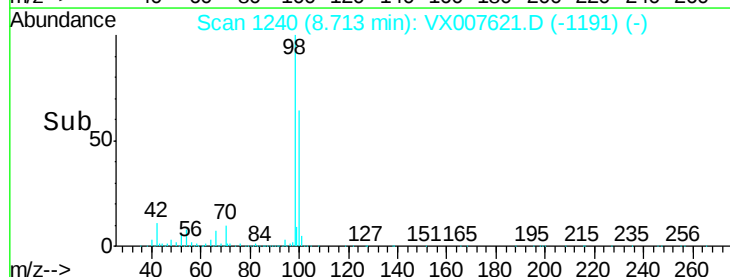
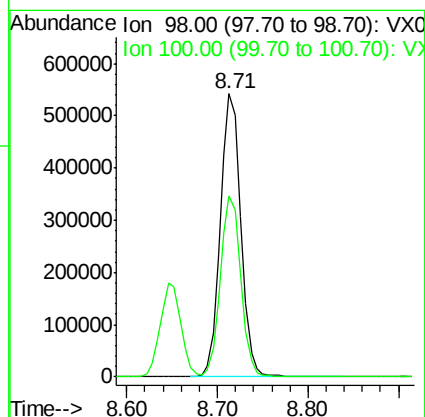
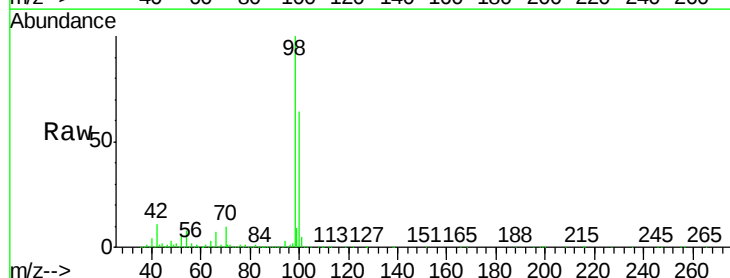
Acq: 21 Feb 2019 10:46

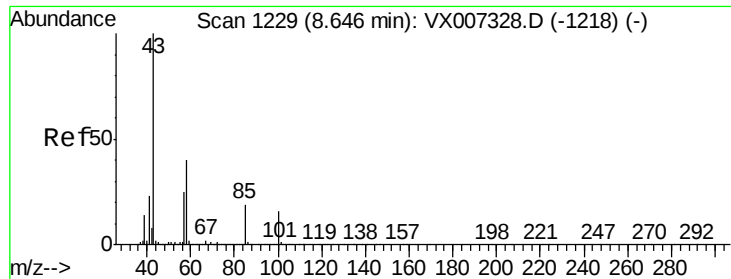
Tgt Ion: 98 Resp: 856094

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 255.521 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

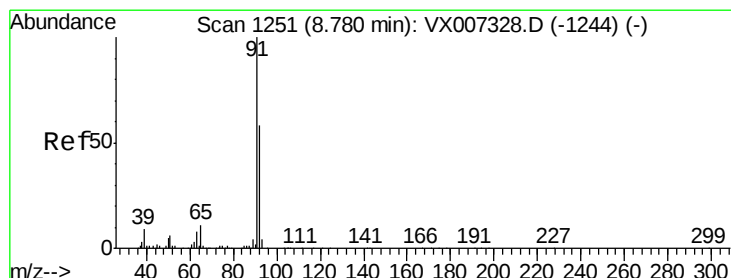
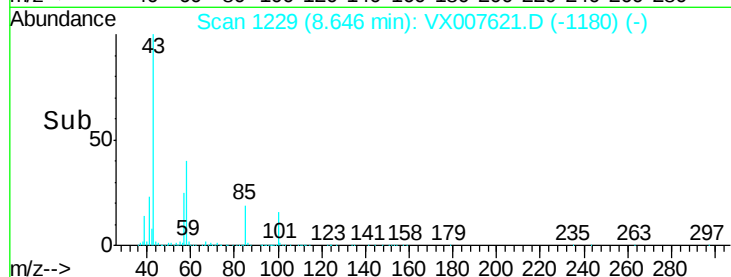
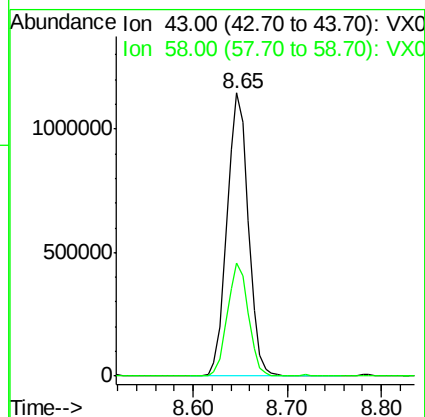
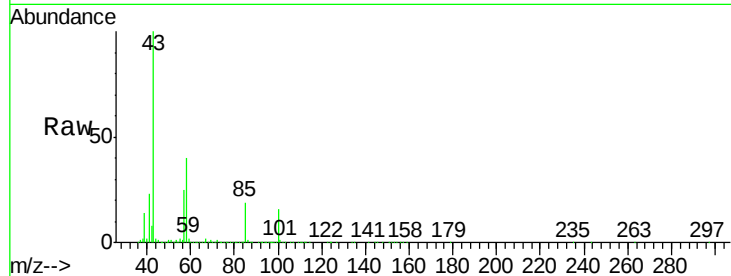
VSTDCCC050

Tot Ion: 43 Resp: 1795790

Ion Ratio Lower Upper

43 100

58 39.1 31.2 46.8



#52

Toluene

Concen: 46.520 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX007621.D

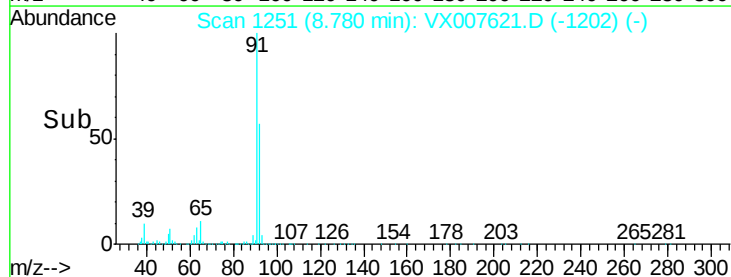
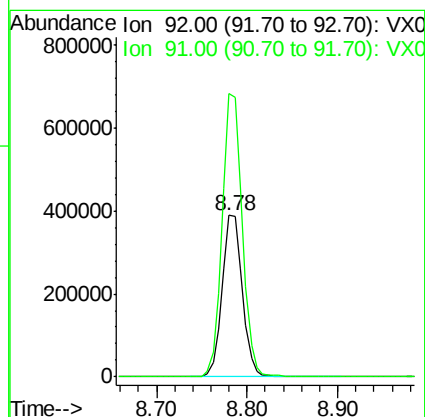
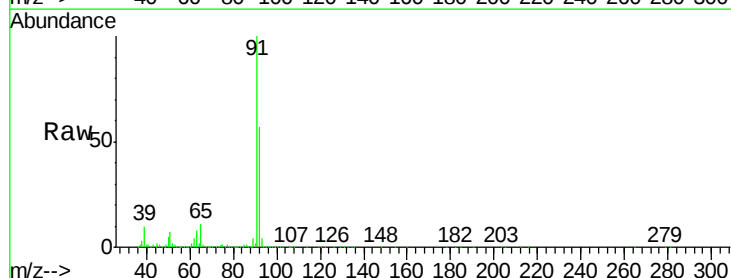
Acq: 21 Feb 2019 10:46

Tgt Ion: 92 Resp: 604939

Ion Ratio Lower Upper

92 100

91 175.1 139.1 208.7

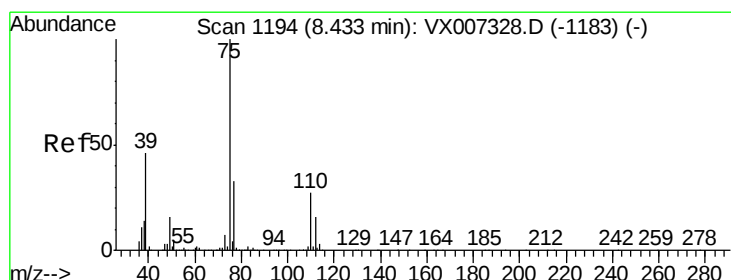
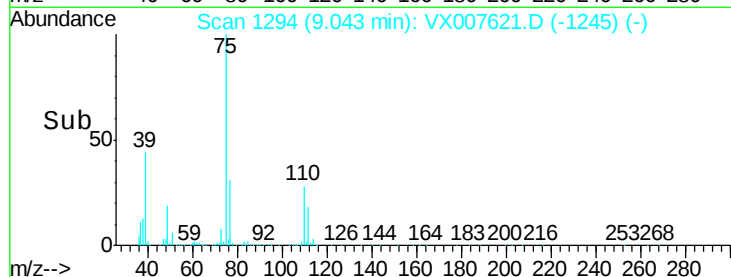
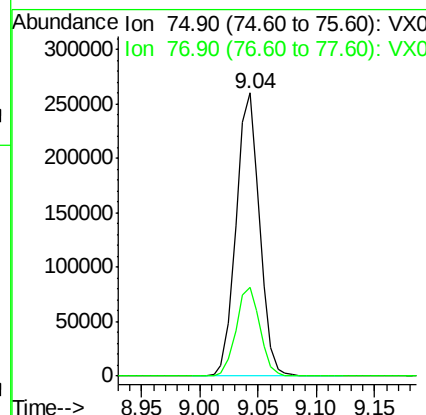
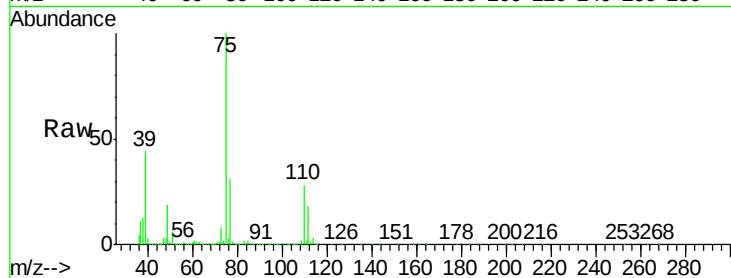




#53
t-1,3-Dichloropropene
Concen: 54.647 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

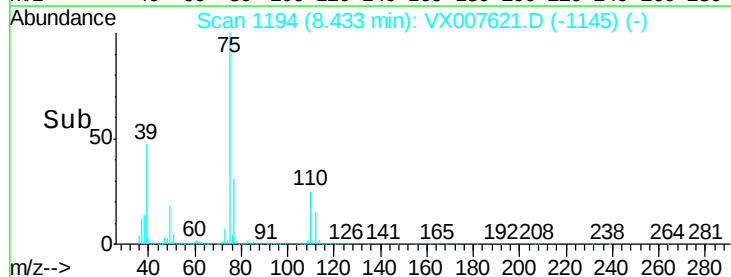
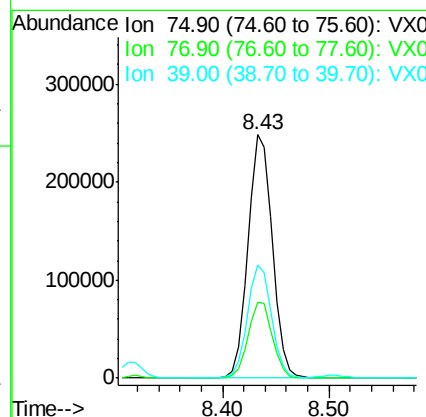
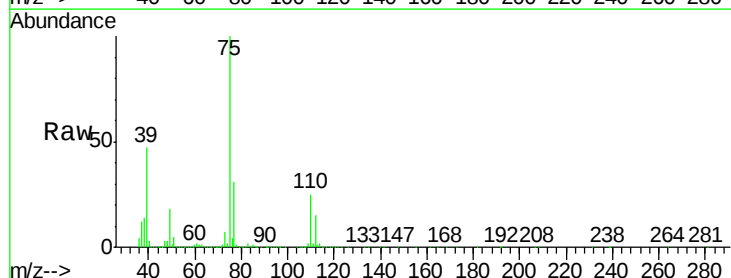
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

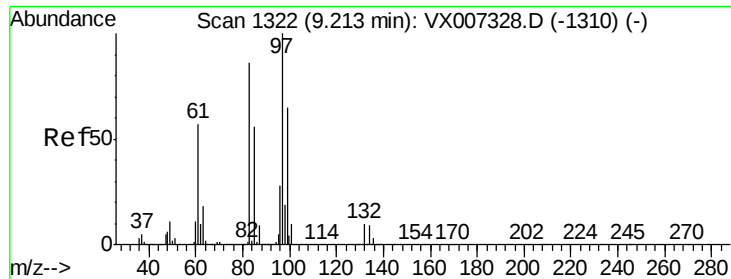
Tot Ion: 75 Resp: 365128
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8



#54
cis-1,3-Dichloropropene
Concen: 54.351 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 75 Resp: 399356
Ion Ratio Lower Upper
75 100
77 31.1 26.2 39.4
39 46.5 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 48.849 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 264785

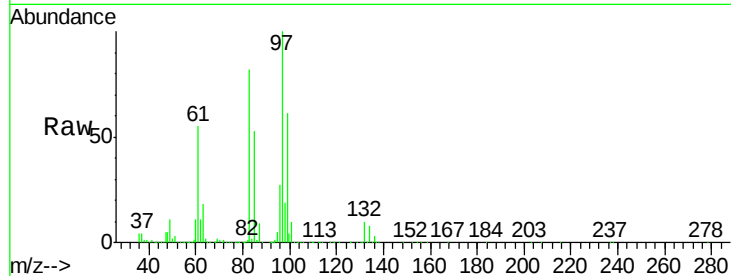
Ion Ratio Lower Upper

97 100

83 82.4 68.6 102.8

85 53.0 44.5 66.7

99 61.0 52.2 78.4

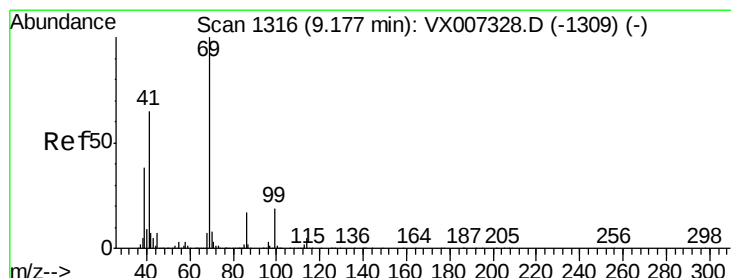
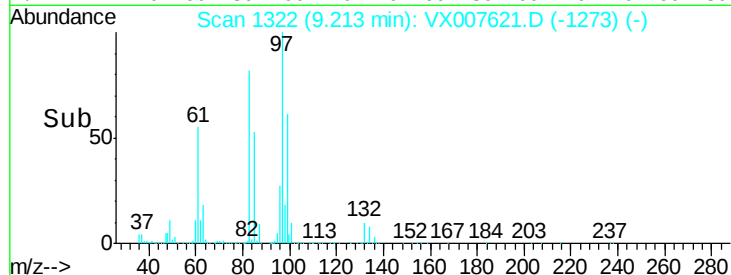
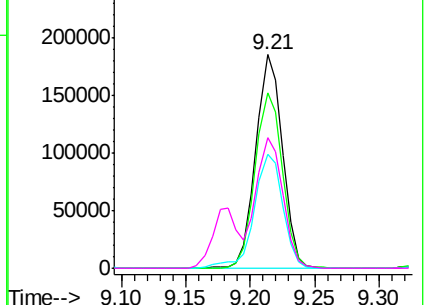


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 50.088 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

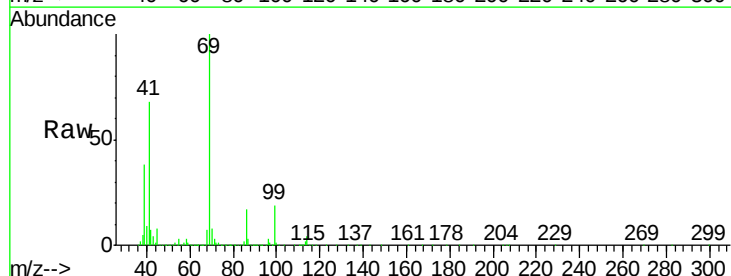
Tgt Ion: 69 Resp: 376040

Ion Ratio Lower Upper

69 100

41 64.7 52.1 78.1

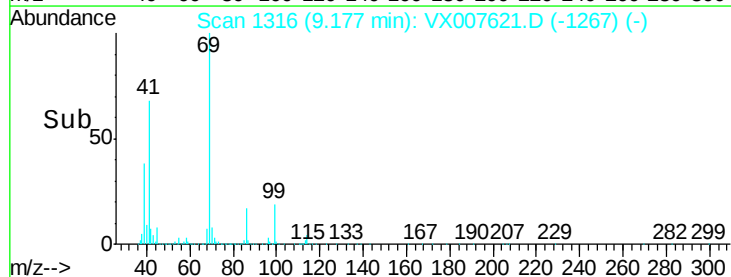
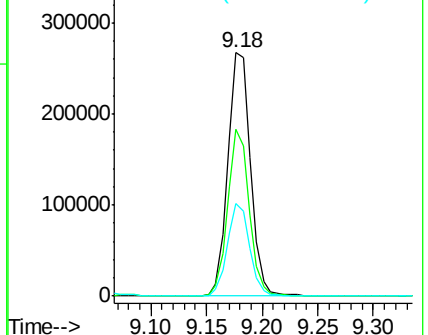
39 37.4 30.1 45.1



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: 48.508 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

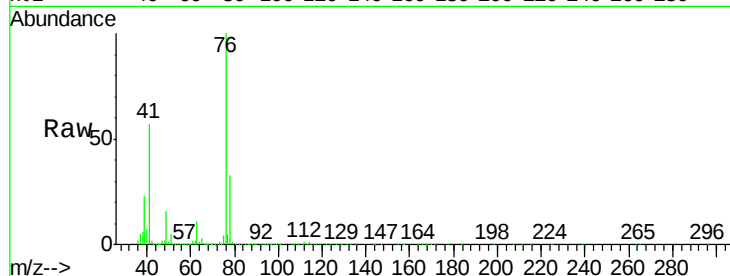
VSTDCCC050

Tot Ion: 76 Resp: 418147

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

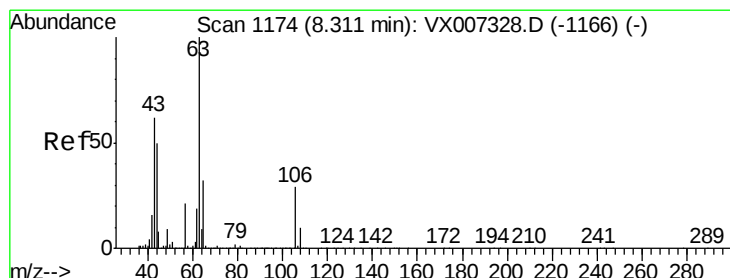
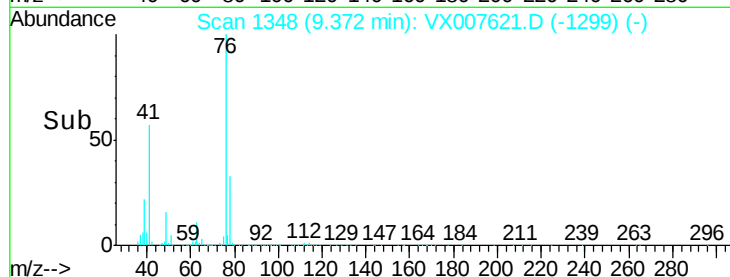
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 320.764 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VX007621.D

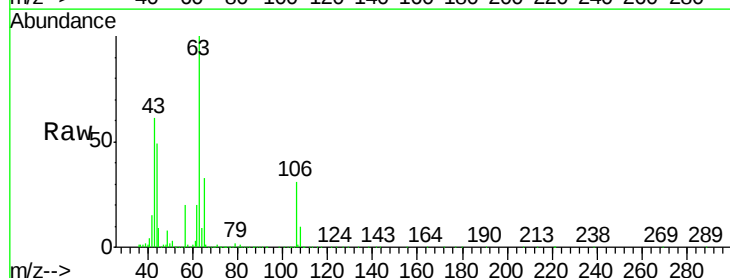
Acq: 21 Feb 2019 10:46

Tgt Ion: 63 Resp: 1269286

Ion Ratio Lower Upper

63 100

106 30.2 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

800000

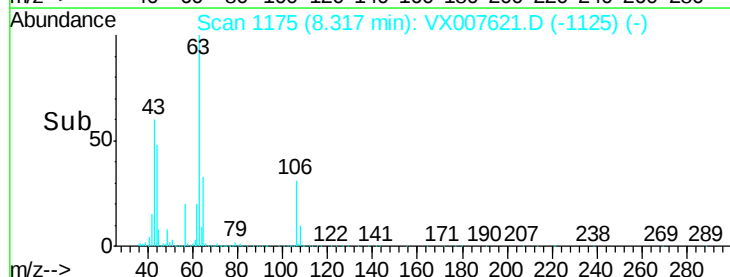
600000

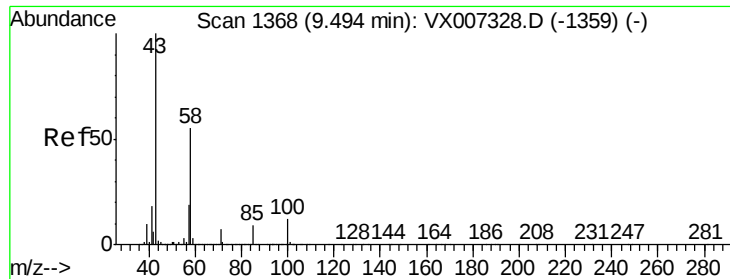
400000

200000

0

Time-->

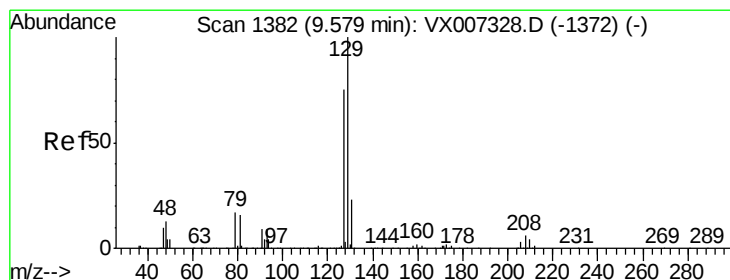
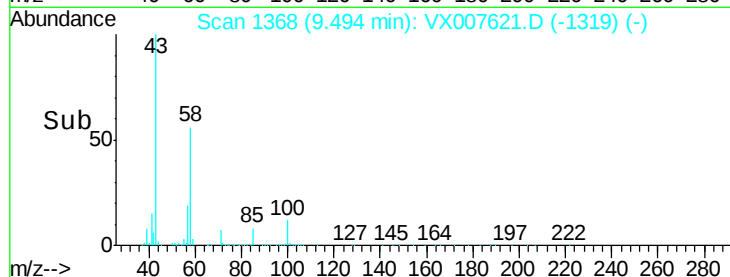
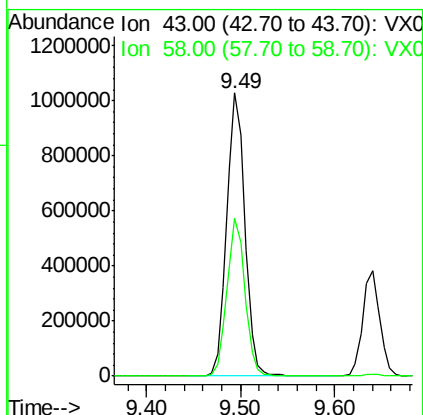
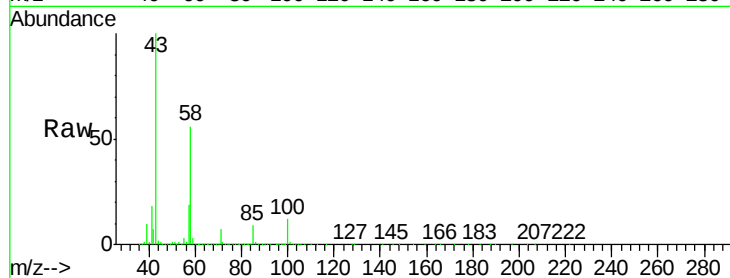




#59
2-Hexanone
Concen: 252.565 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

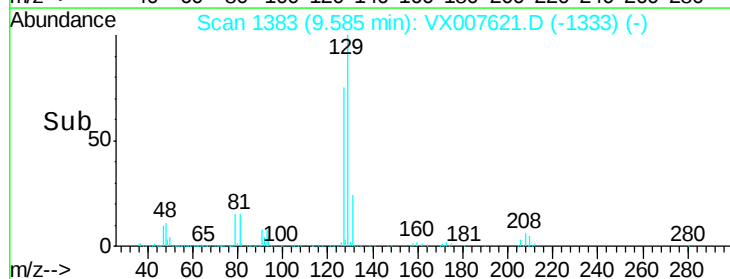
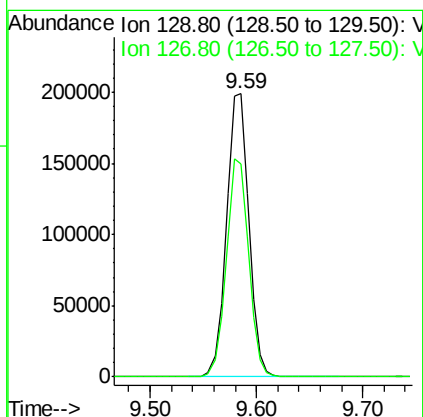
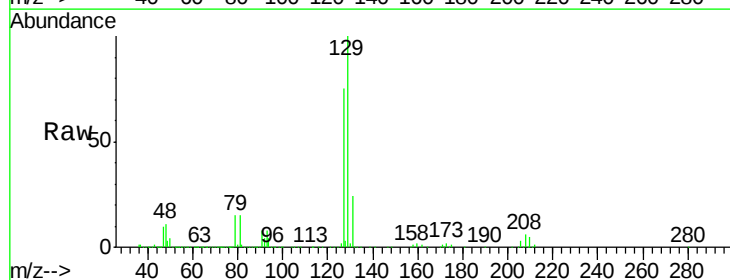
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

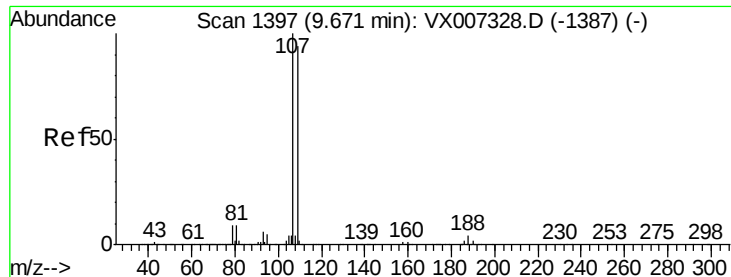
Tot Ion: 43 Resp: 1381262
Ion Ratio Lower Upper
43 100
58 55.1 27.1 81.3



#60
Dibromochloromethane
Concen: 57.063 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 129 Resp: 292536
Ion Ratio Lower Upper
129 100
127 77.2 37.8 113.4





#61

1,2-Dibromoethane

Concen: 48.771 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

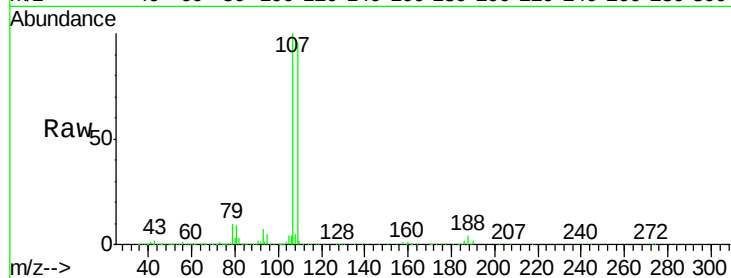
VSTDCCC050

Tot Ion:107 Resp: 279965

Ion Ratio Lower Upper

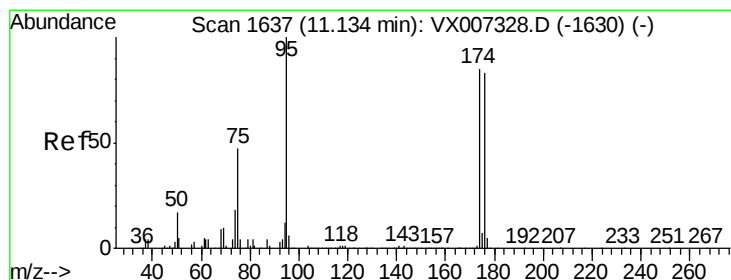
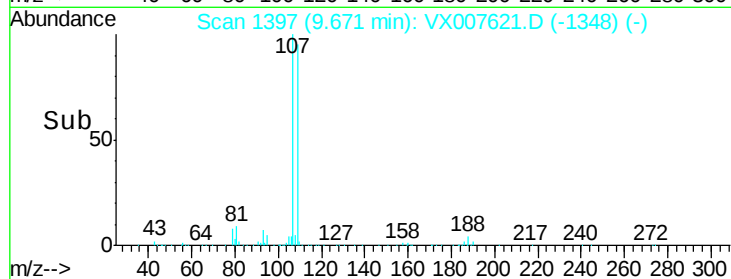
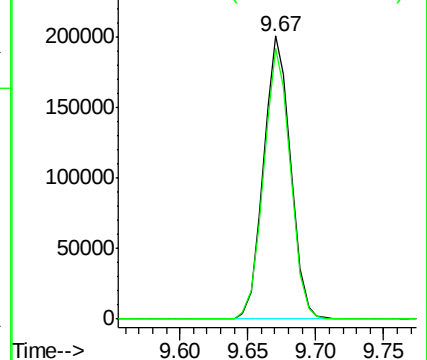
107 100

109 95.0 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.566 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

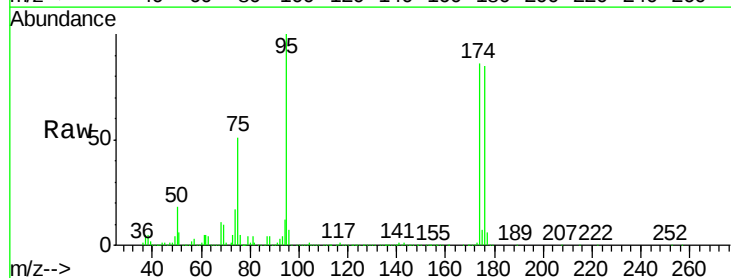
Tgt Ion: 95 Resp: 306259

Ion Ratio Lower Upper

95 100

174 94.1 0.0 189.2

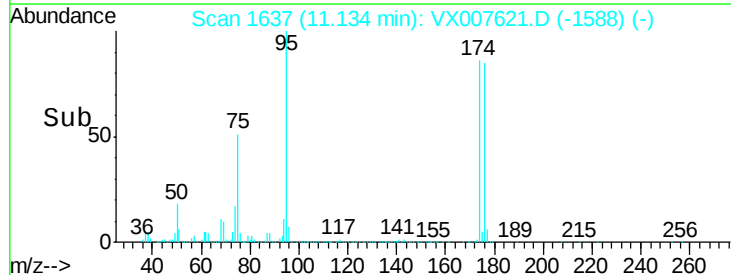
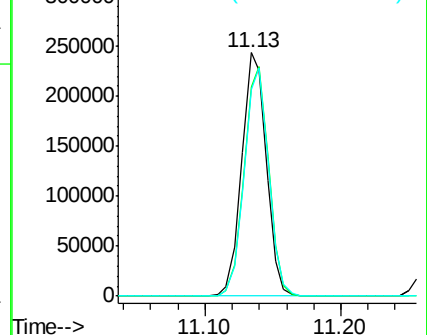
176 93.0 0.0 186.2

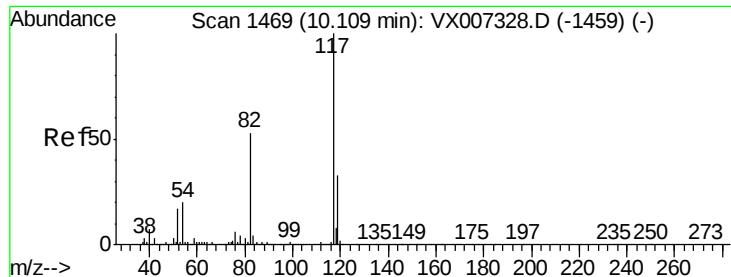


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

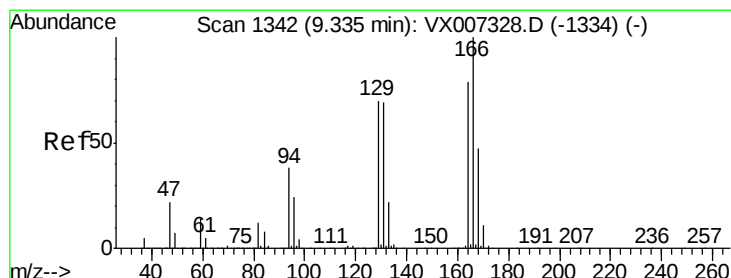
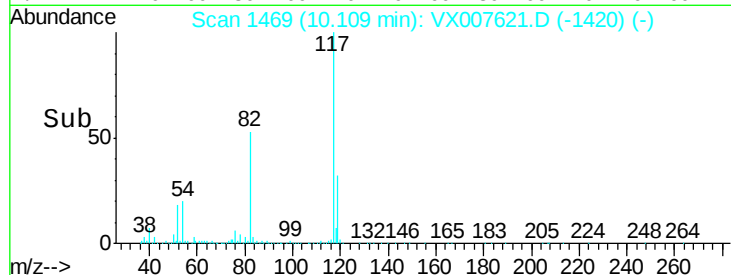
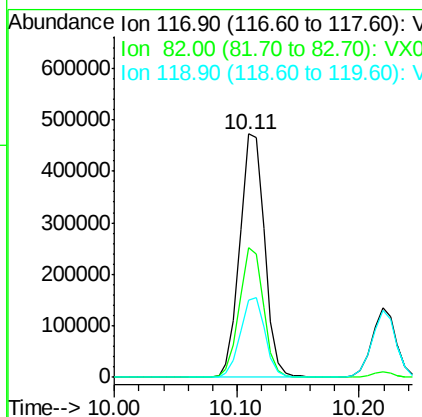
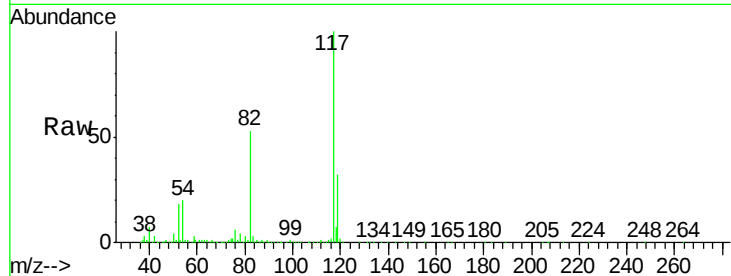




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

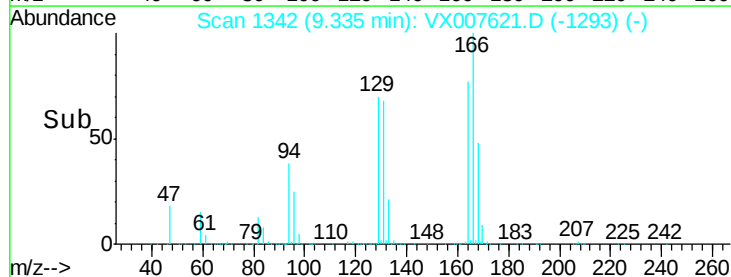
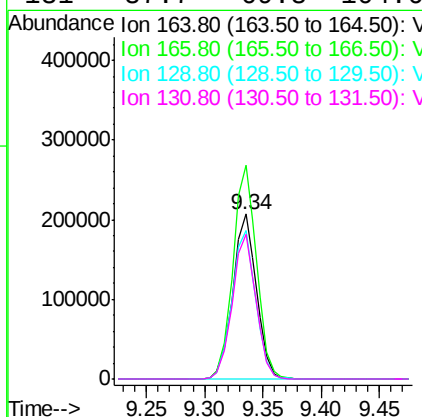
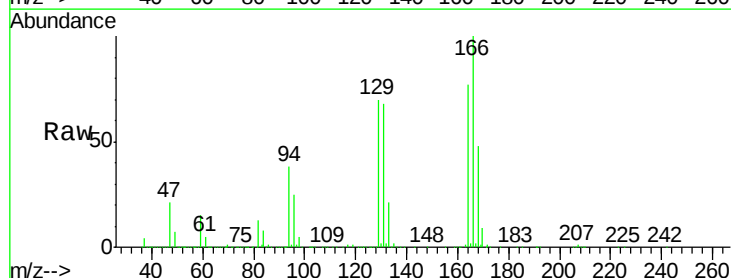
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

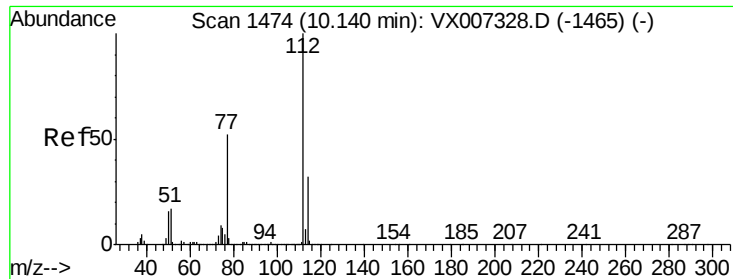
Tot Ion:117 Resp: 661612
Ion Ratio Lower Upper
117 100
82 53.4 42.1 63.1
119 31.9 26.5 39.7



#64
Tetrachloroethene
Concen: 47.061 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion:164 Resp: 293466
Ion Ratio Lower Upper
164 100
166 129.7 101.0 151.4
129 90.3 70.5 105.7
131 87.7 69.8 104.6





#65

Chlorobenzene

Concen: 48.682 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

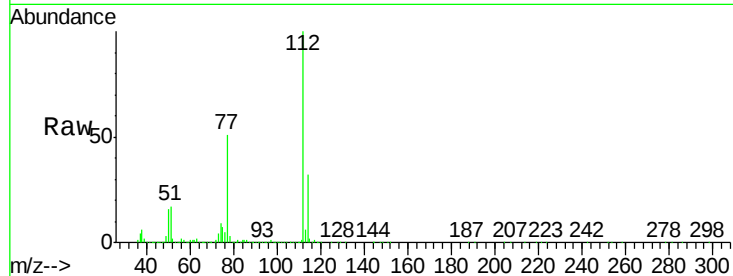
VSTDCCC050

Tot Ion:112 Resp: 702858

Ion Ratio Lower Upper

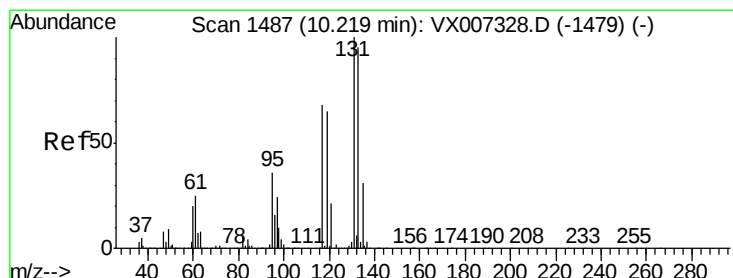
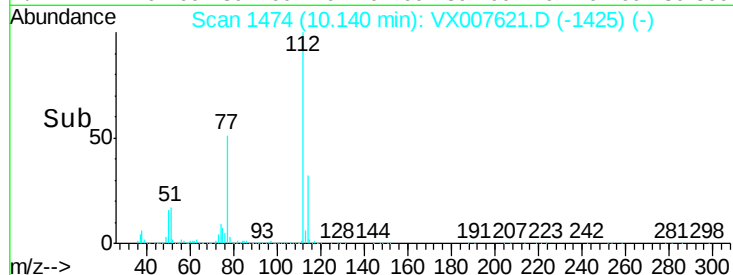
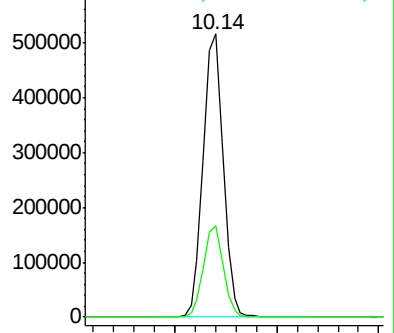
112 100

114 32.1 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 56.761 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

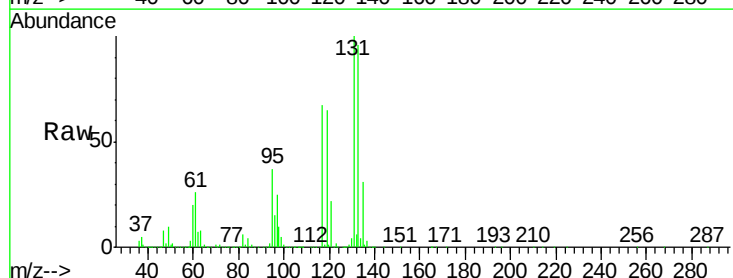
Tgt Ion:131 Resp: 274753

Ion Ratio Lower Upper

131 100

133 94.6 48.0 144.2

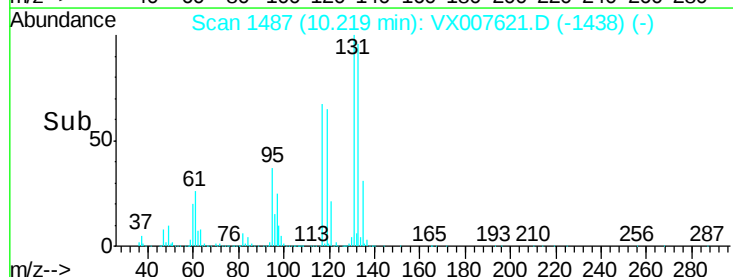
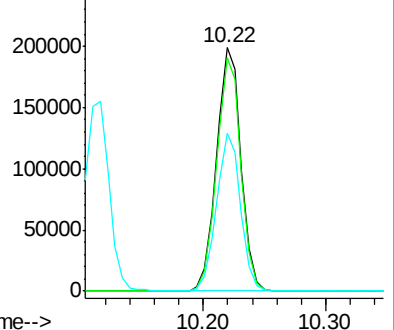
119 63.8 32.0 96.0

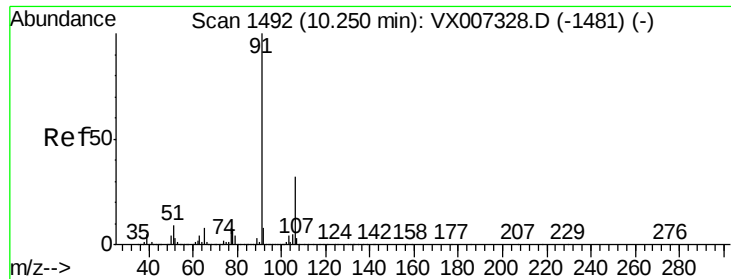


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

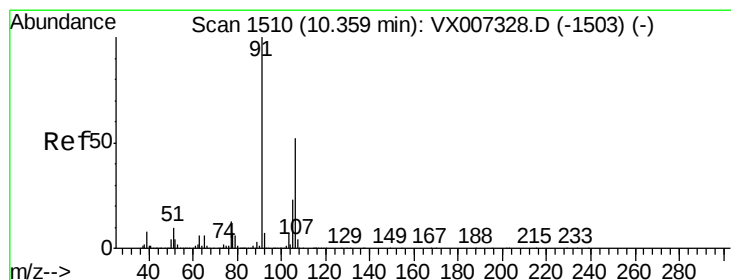
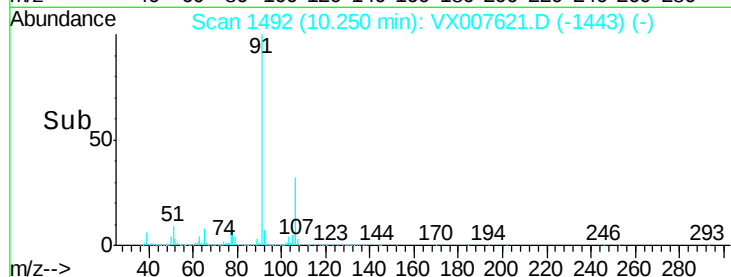
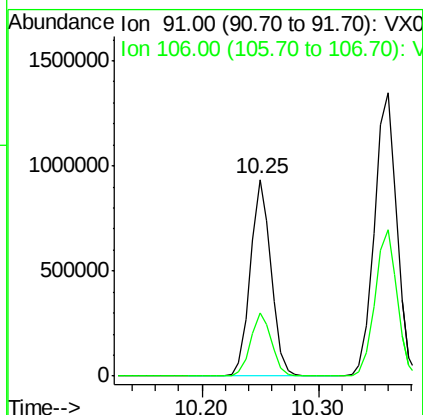
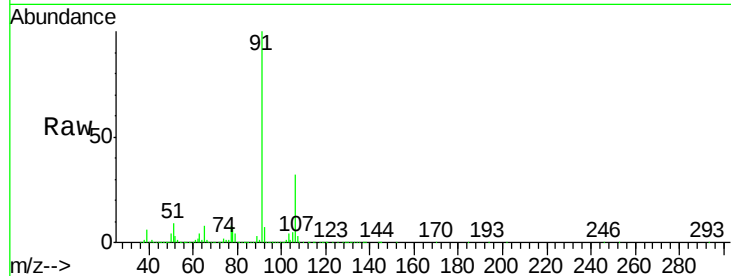




#67
Ethyl Benzene
Concen: 50.128 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

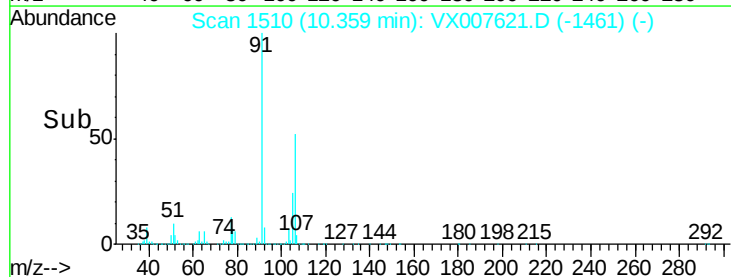
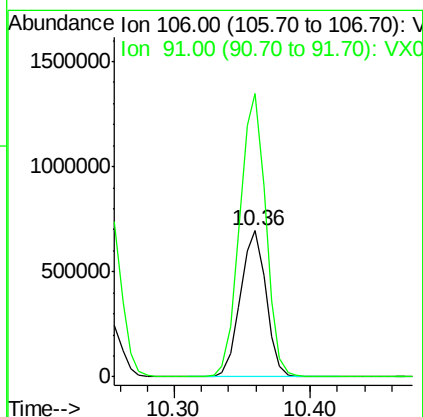
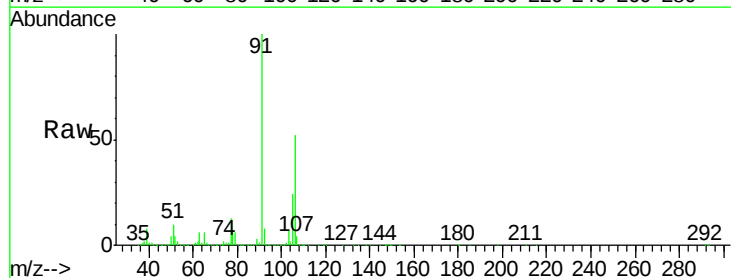
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

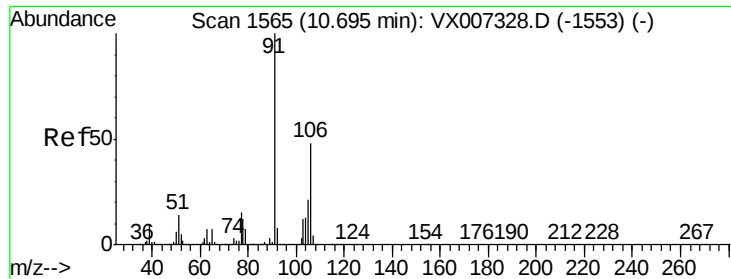
Tot Ion: 91 Resp: 1165472
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.0



#68
m/p-Xylenes
Concen: 99.127 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 106 Resp: 916150
Ion Ratio Lower Upper
106 100
91 196.2 156.6 234.8

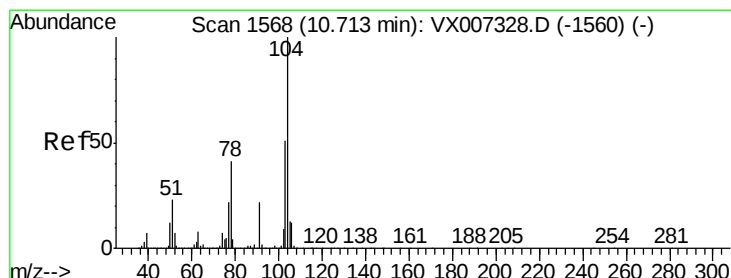
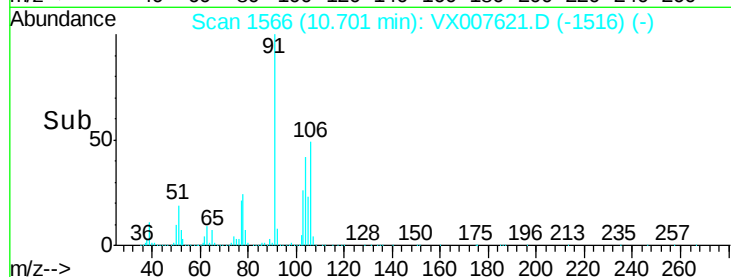
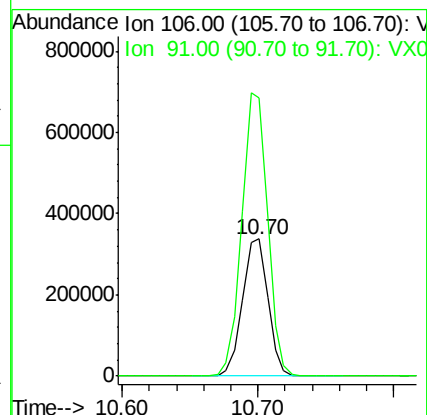
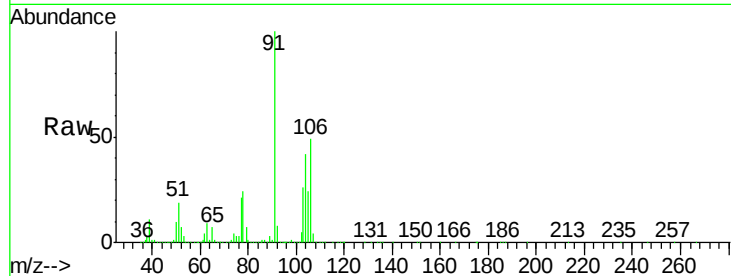




#69
o-Xylene
Concen: 49.977 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

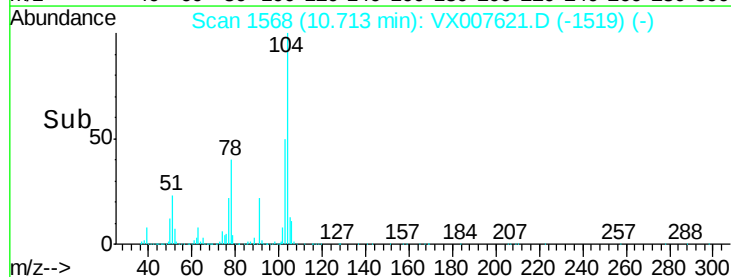
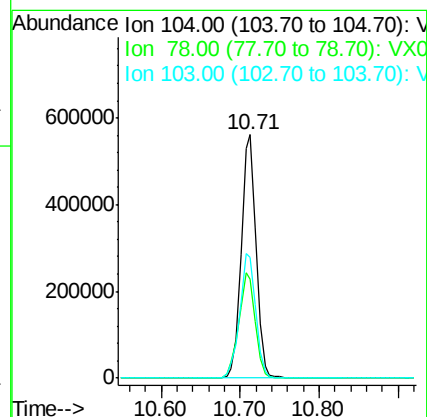
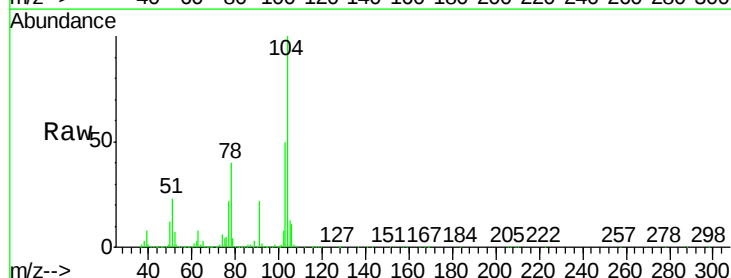
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

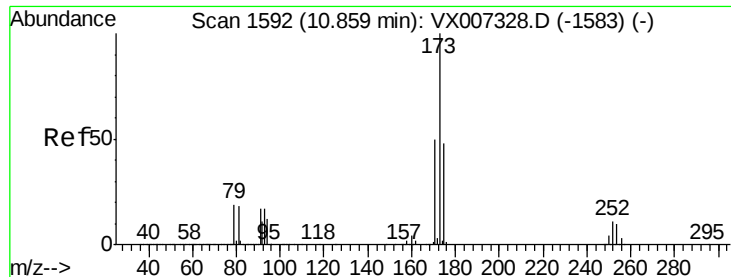
Tot Ion:106 Resp: 444462
Ion Ratio Lower Upper
106 100
91 206.9 102.9 308.7



#70
Styrene
Concen: 51.016 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion:104 Resp: 735796
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 55.7 44.6 67.0





#71

Bromoform

Concen: 52.508 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

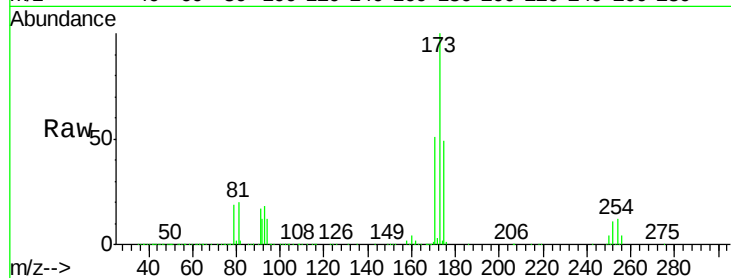
Tot Ion:173 Resp: 223857

Ion Ratio Lower Upper

173 100

175 49.5 24.2 72.6

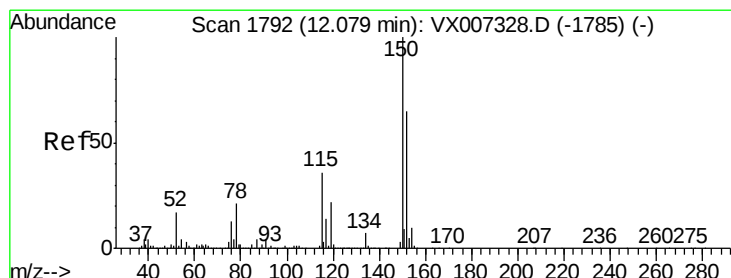
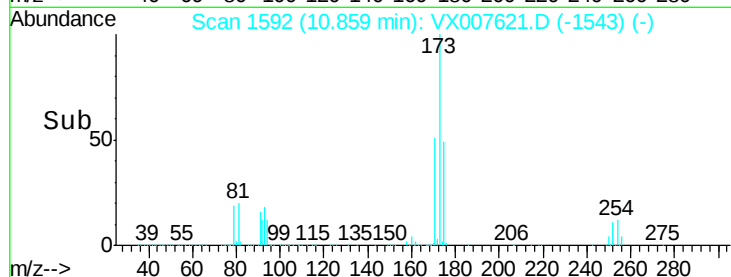
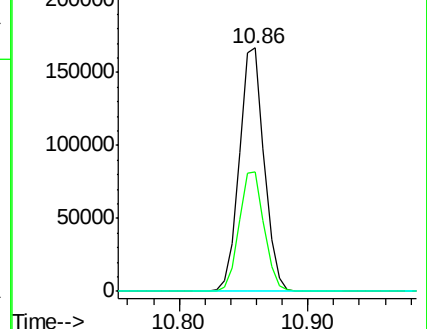
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

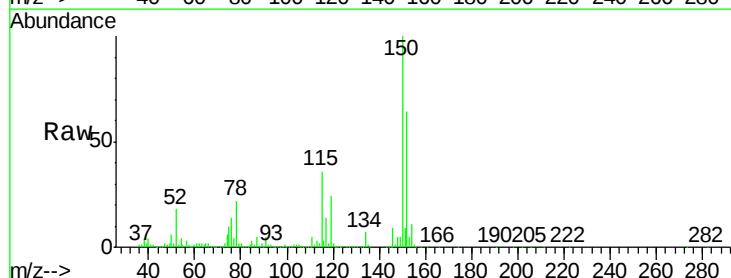
Tgt Ion:152 Resp: 353715

Ion Ratio Lower Upper

152 100

115 79.8 38.0 114.0

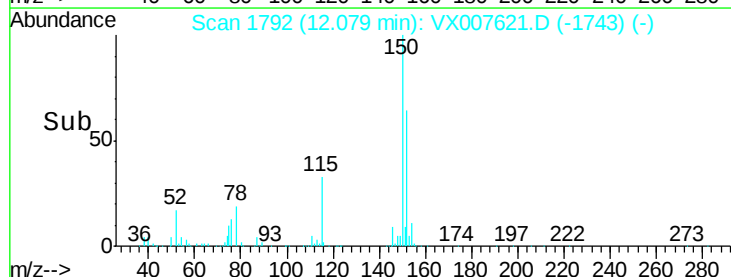
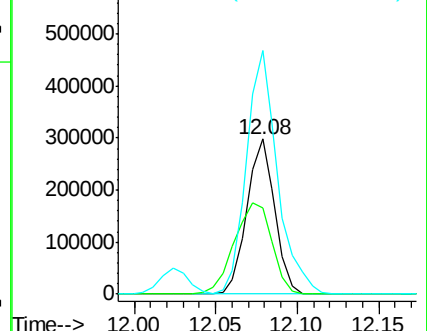
150 174.8 0.0 346.4

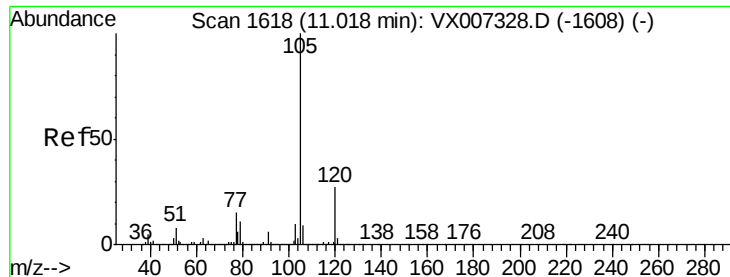


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.596 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

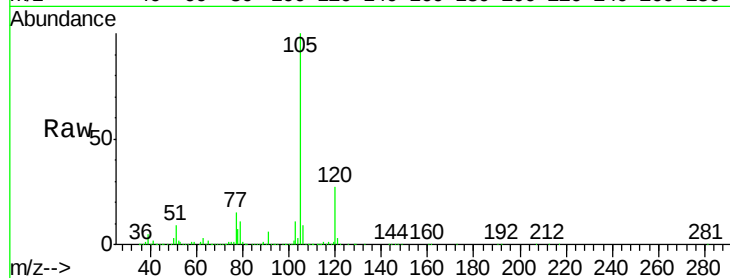
VSTDCCC050

Tot Ion:105 Resp: 1216171

Ion Ratio Lower Upper

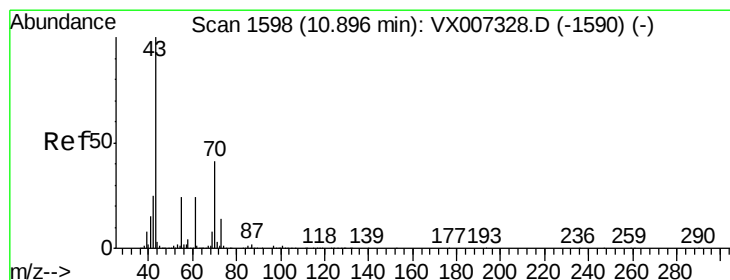
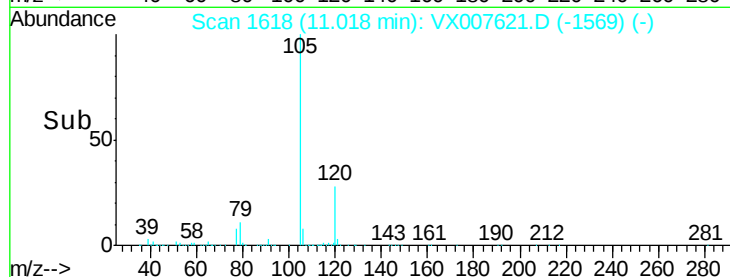
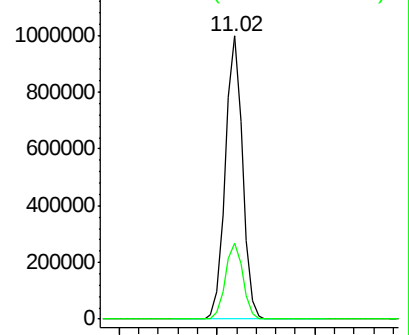
105 100

120 27.6 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.042 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Tgt Ion: 43 Resp: 493140

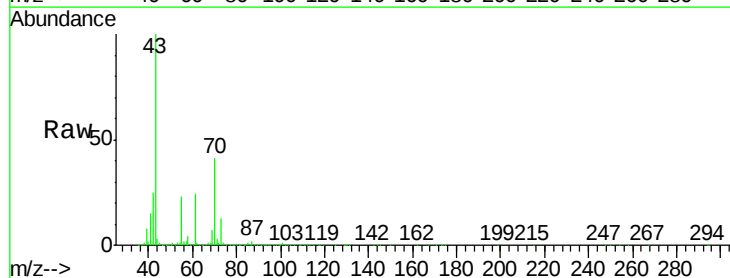
Ion Ratio Lower Upper

43 100

70 41.6 33.8 50.6

55 24.1 19.5 29.3

61 23.8 19.4 29.2

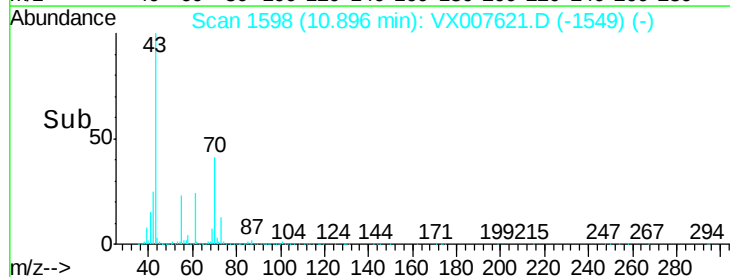
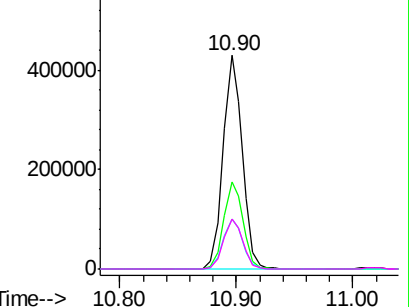


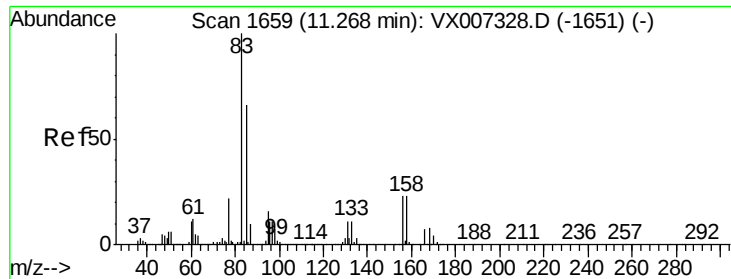
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.575 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

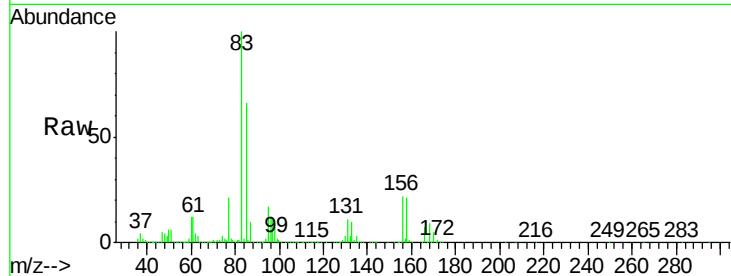
Tot Ion: 83 Resp: 377811

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.0

85 65.4 32.8 98.3

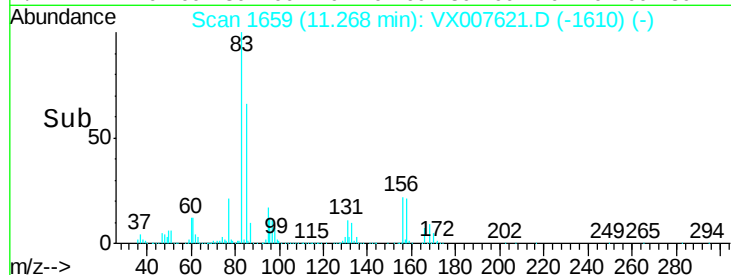


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



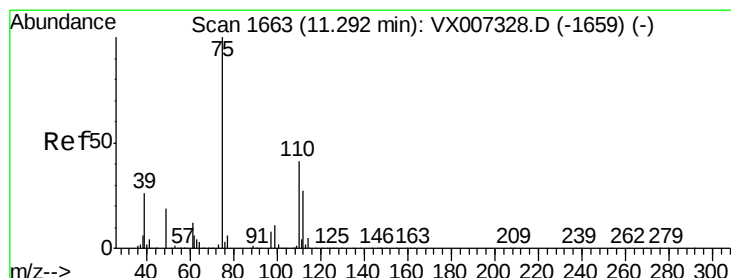
Abundance

Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



#76

1,2,3-Trichloropropane

Concen: 65.199 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007621.D

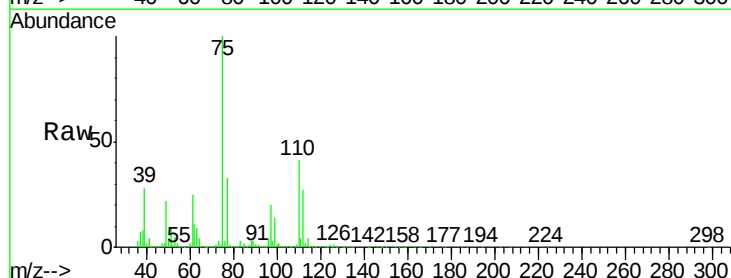
Acq: 21 Feb 2019 10:46

Tgt Ion: 75 Resp: 448584

Ion Ratio Lower Upper

75 100

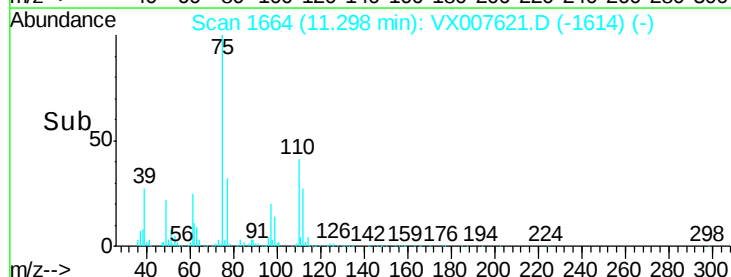
77 30.8 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->

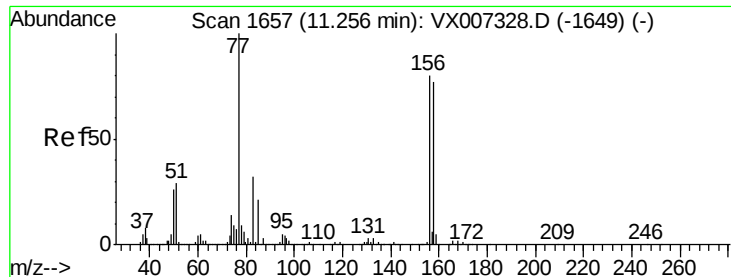


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->



#77

Bromobenzene

Concen: 47.846 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

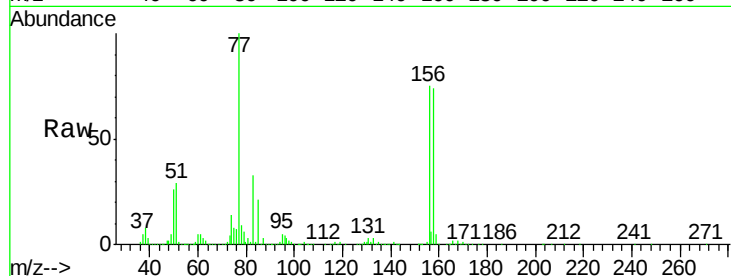
Tot Ion:156 Resp: 324037

Ion Ratio Lower Upper

156 100

77 137.9 66.8 200.6

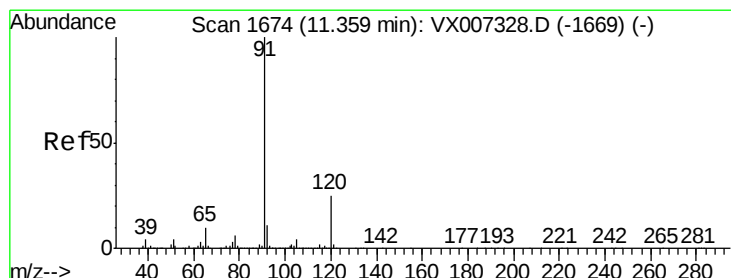
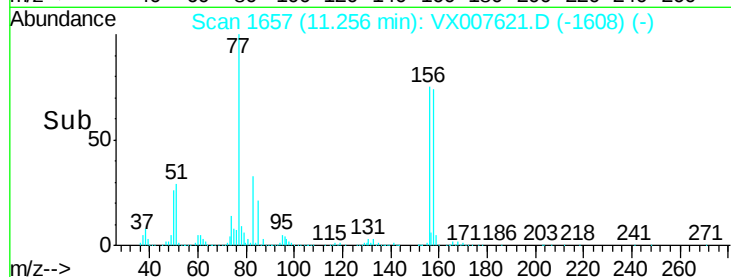
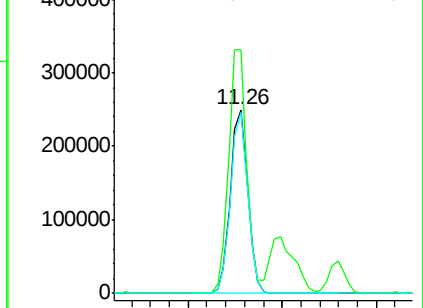
158 96.9 47.9 143.8



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: 52.359 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007621.D

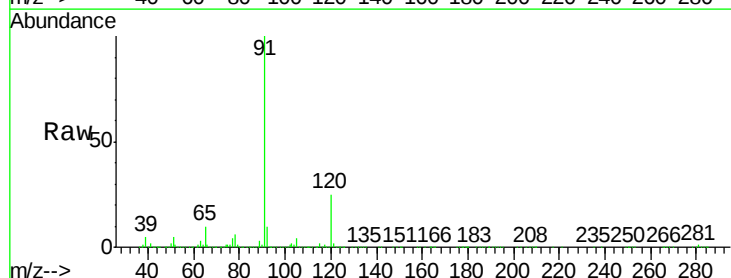
Acq: 21 Feb 2019 10:46

Tgt Ion: 91 Resp: 1380076

Ion Ratio Lower Upper

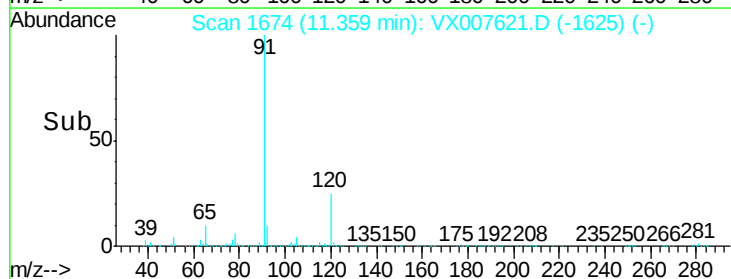
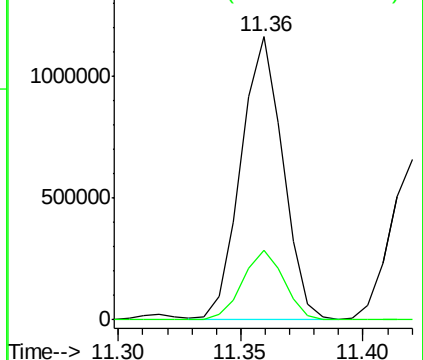
91 100

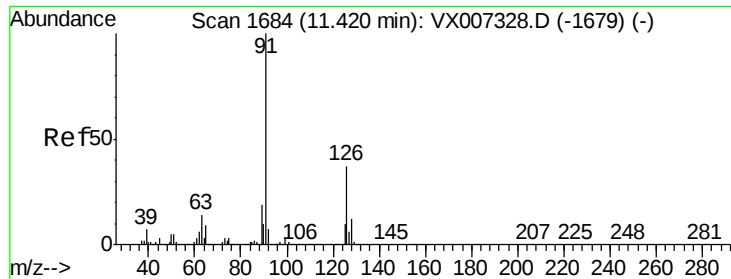
120 24.7 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.670 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

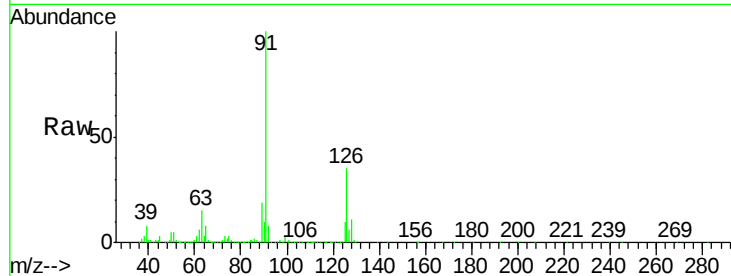
VSTDCCC050

Tot Ion: 91 Resp: 794388

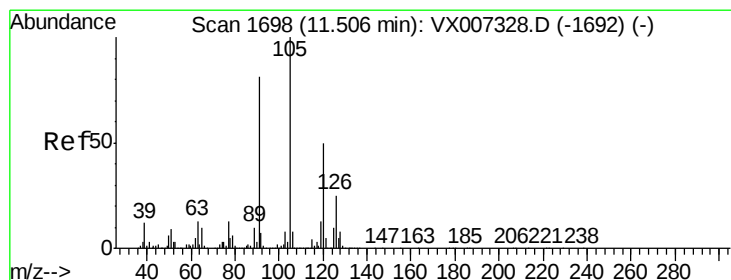
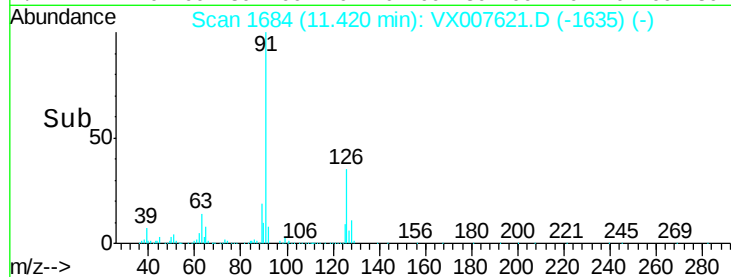
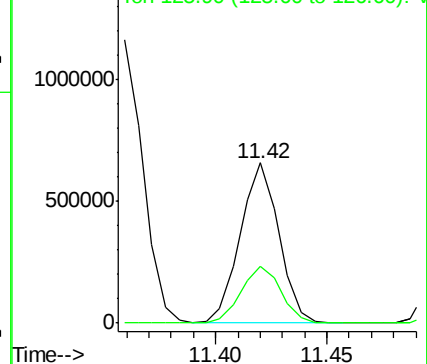
Ion Ratio Lower Upper

91 100

126 36.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.333 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007621.D

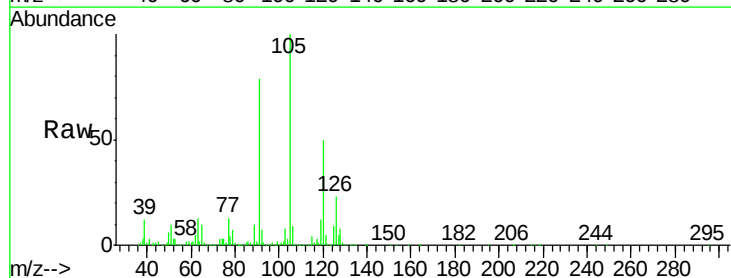
Acq: 21 Feb 2019 10:46

Tgt Ion: 105 Resp: 1009466

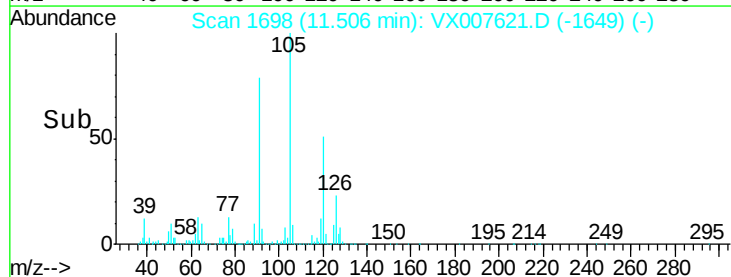
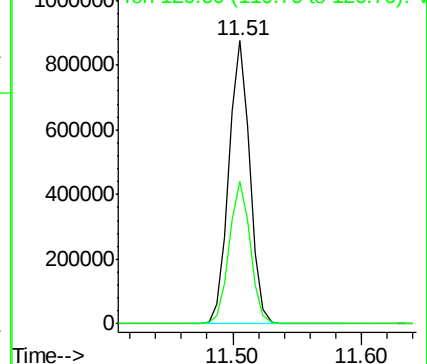
Ion Ratio Lower Upper

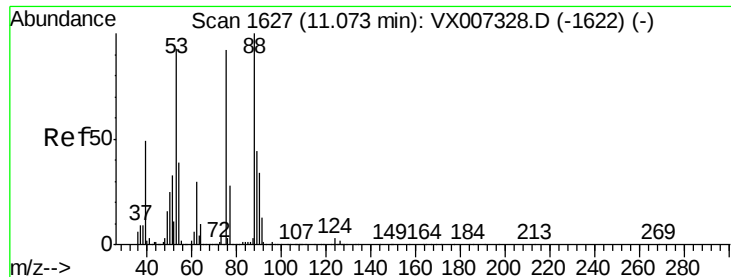
105 100

120 50.3 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)

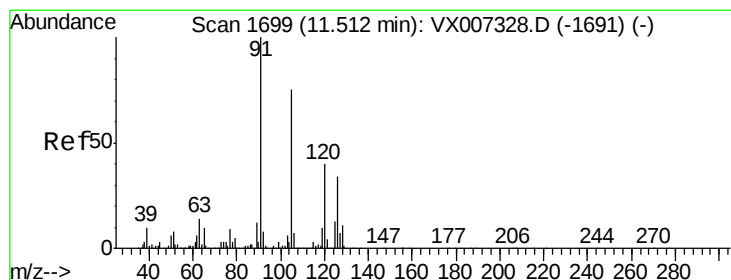
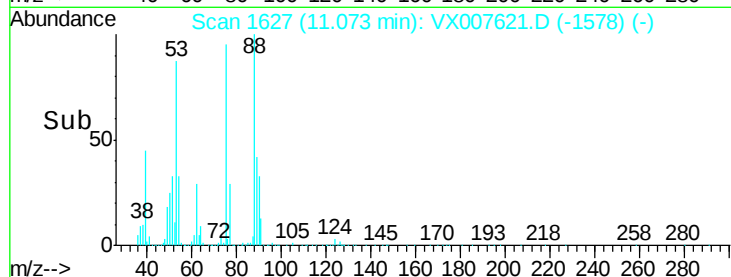
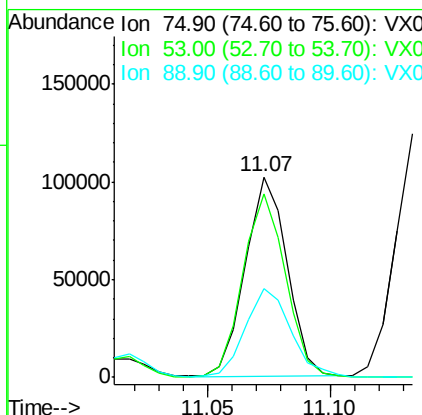
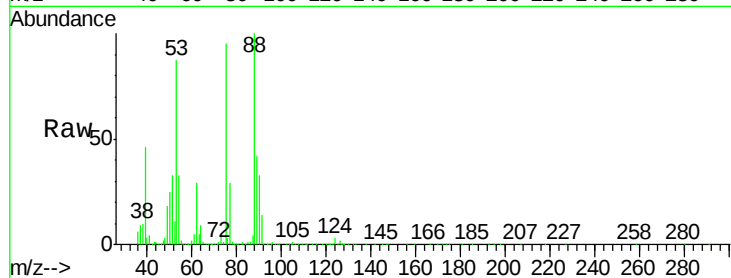




#81
trans-1,4-Dichloro-2-butene
Concen: 54.388 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

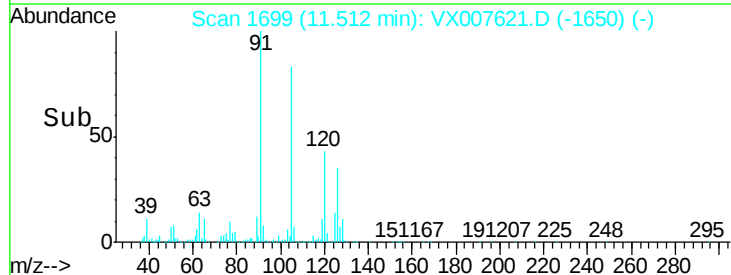
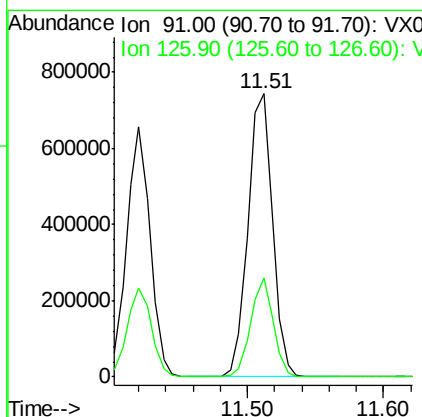
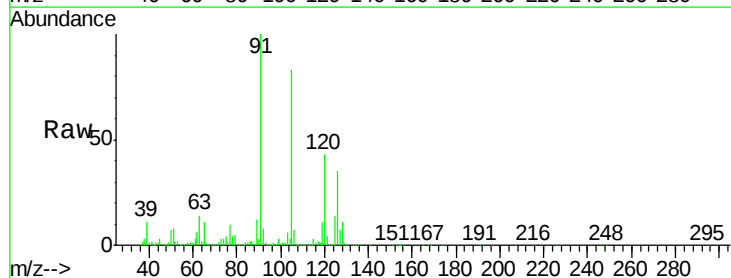
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

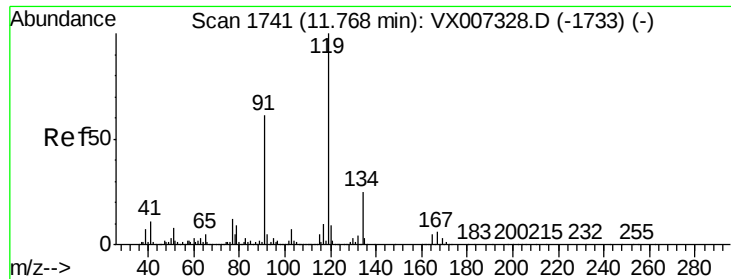
Tot Ion: 75 Resp: 121968
Ion Ratio Lower Upper
75 100
53 93.6 81.0 121.6
89 49.1 41.4 62.0



#82
4-Chlorotoluene
Concen: 50.959 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 91 Resp: 943047
Ion Ratio Lower Upper
91 100
126 32.4 16.2 48.5





#83

tert-Butylbenzene

Concen: 52.140 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

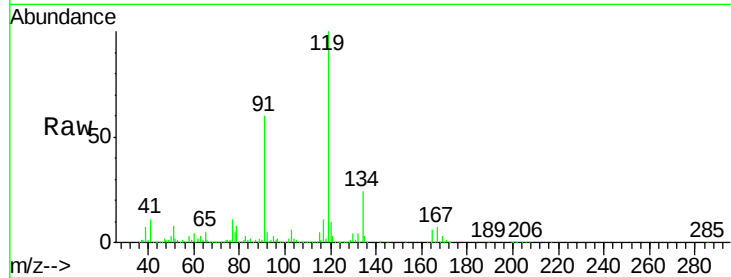
Tot Ion:119 Resp: 1015144

Ion Ratio Lower Upper

119 100

91 56.1 28.5 85.6

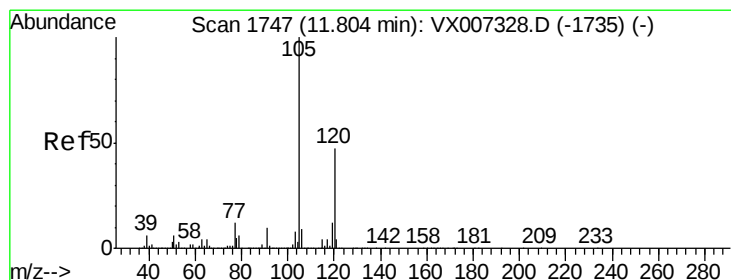
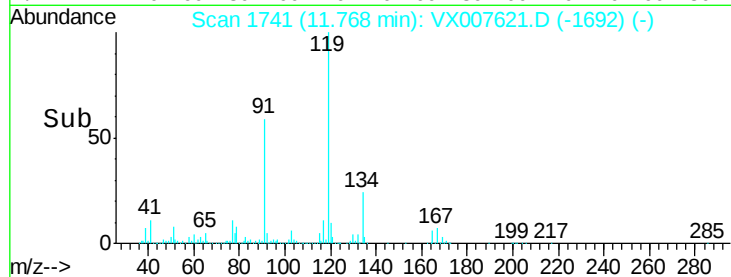
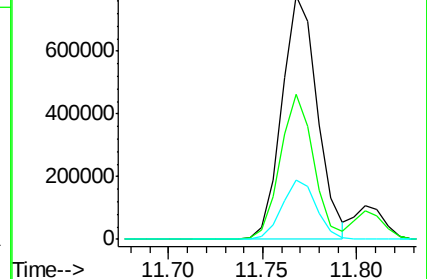
134 23.6 12.0 36.0



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: 51.833 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007621.D

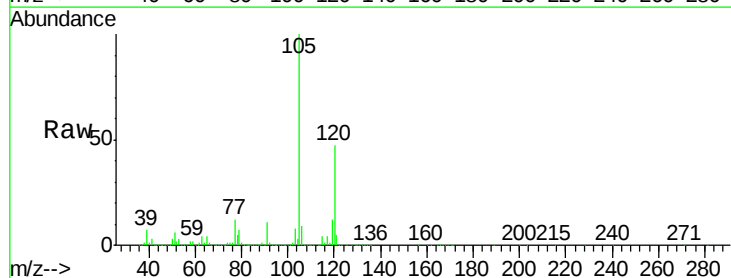
Acq: 21 Feb 2019 10:46

Tgt Ion:105 Resp: 1034826

Ion Ratio Lower Upper

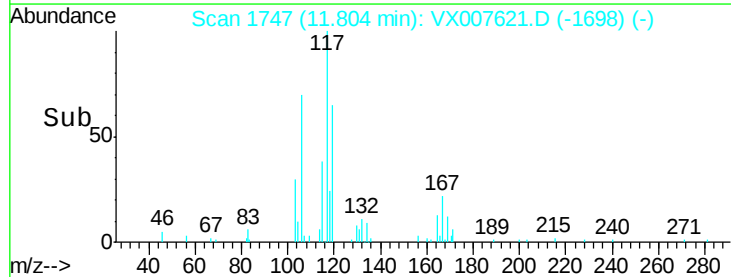
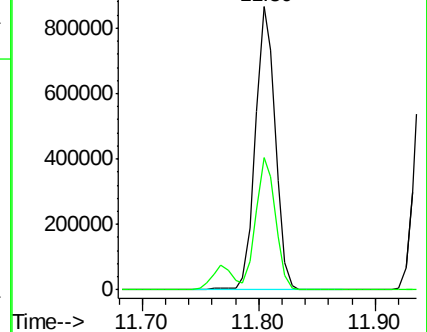
105 100

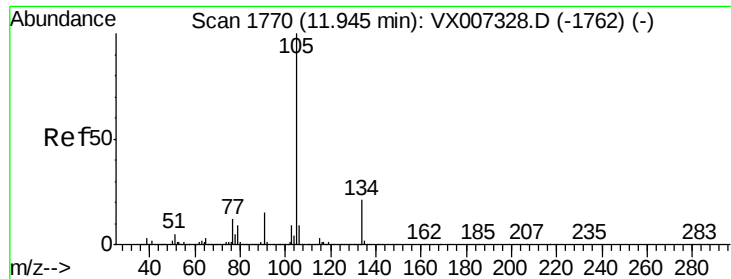
120 45.7 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.114 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

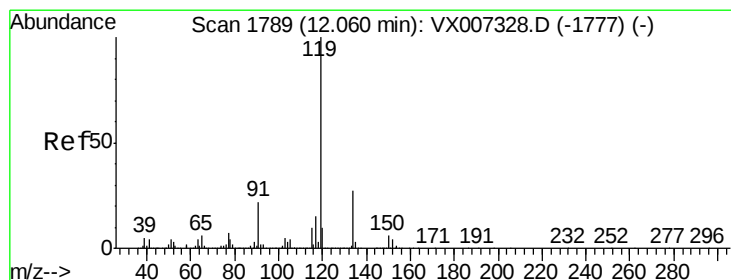
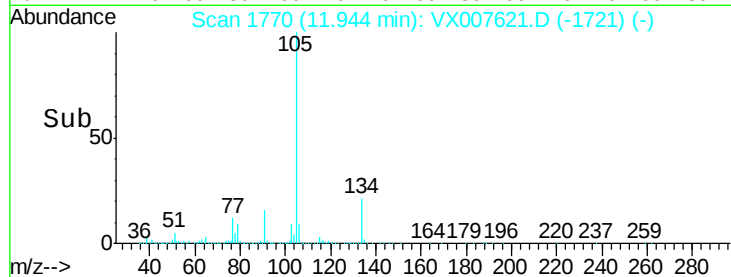
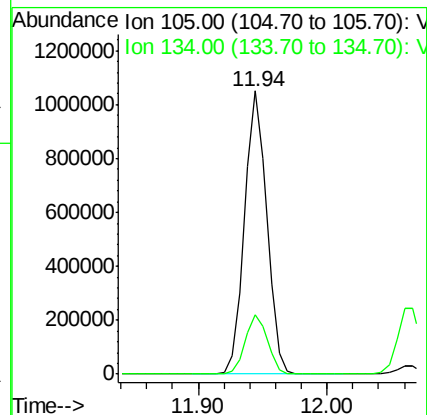
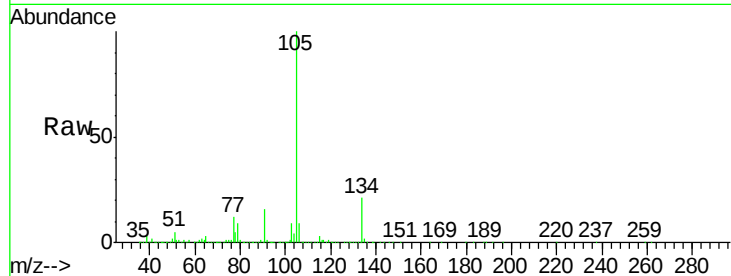
VSTDCCC050

Tot Ion:105 Resp: 1251602

Ion Ratio Lower Upper

105 100

134 21.0 10.6 31.8



#86

p-Isopropyltoluene

Concen: 53.422 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

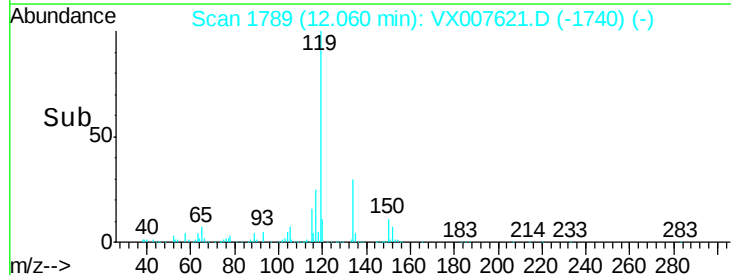
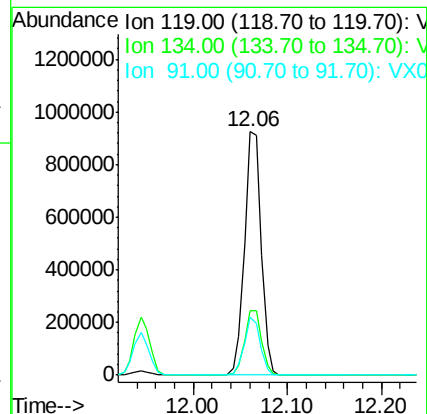
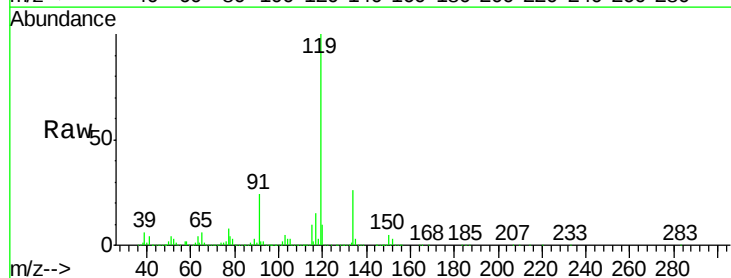
Tgt Ion:119 Resp: 1136376

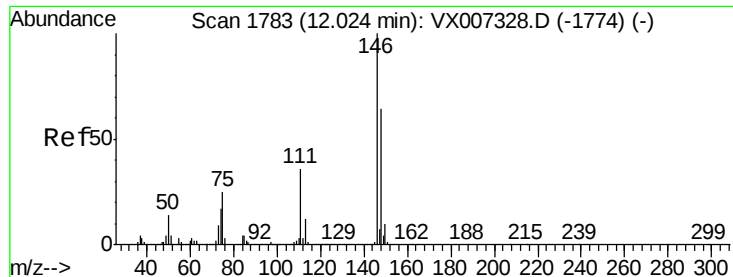
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.8 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 49.138 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

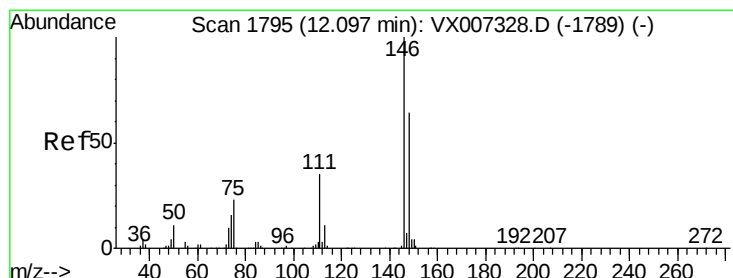
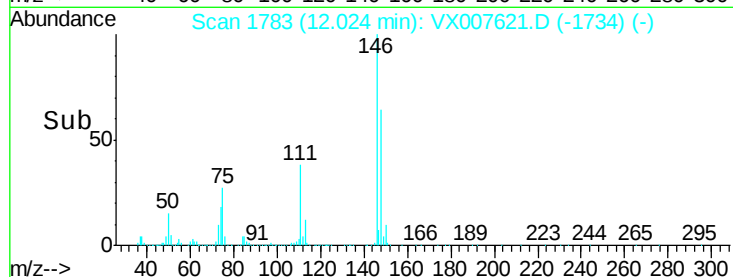
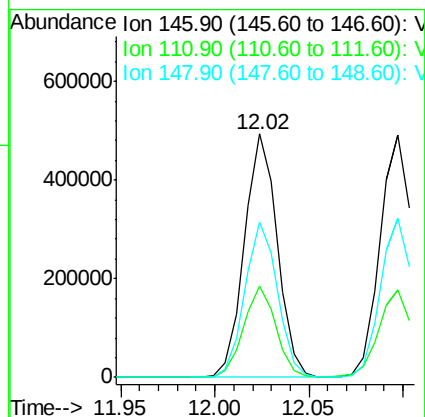
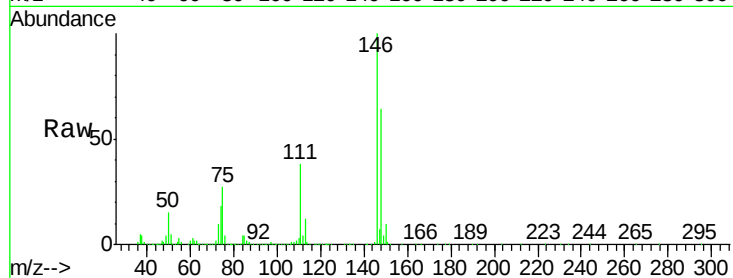
Tot Ion:146 Resp: 597238

Ion Ratio Lower Upper

146 100

111 36.7 18.1 54.1

148 63.4 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 48.268 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

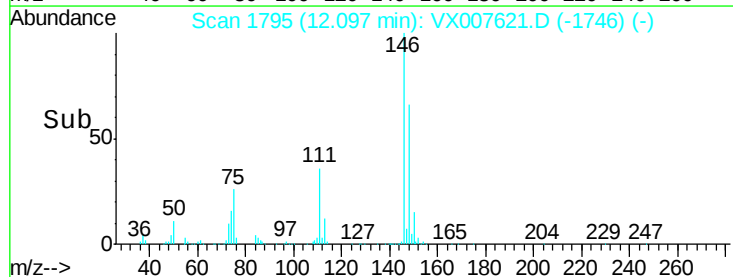
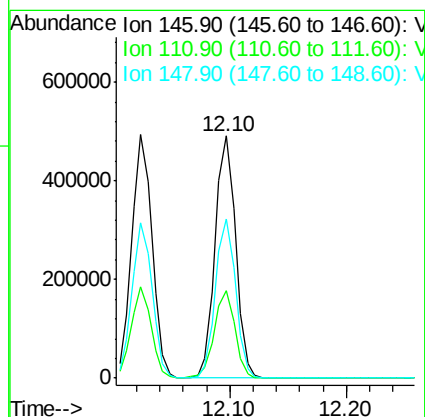
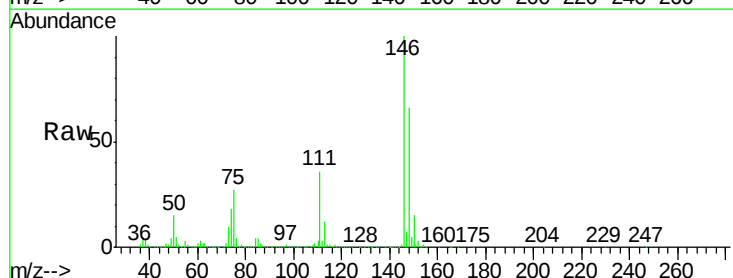
Tgt Ion:146 Resp: 595202

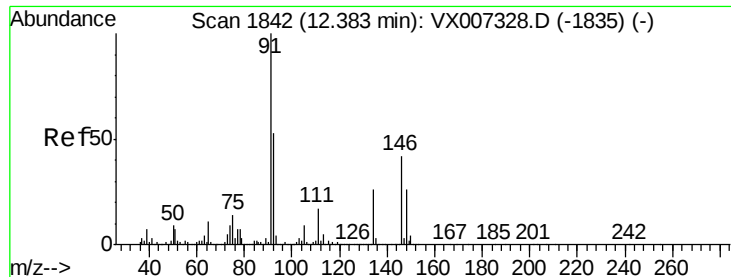
Ion Ratio Lower Upper

146 100

111 36.3 18.1 54.1

148 64.6 32.3 96.9

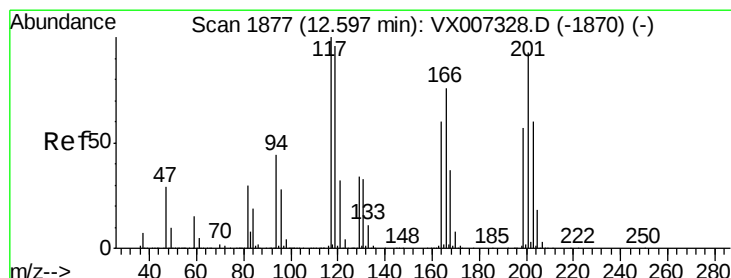
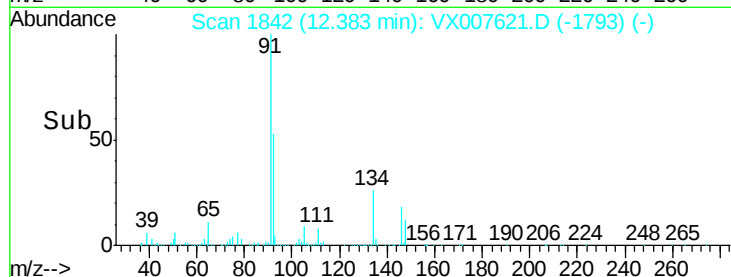
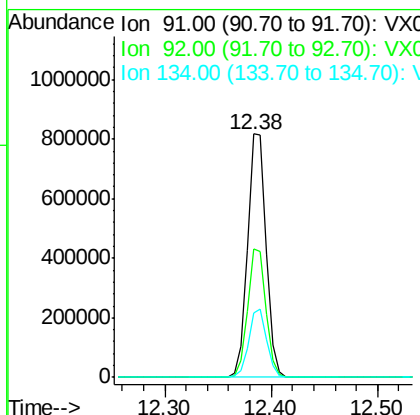
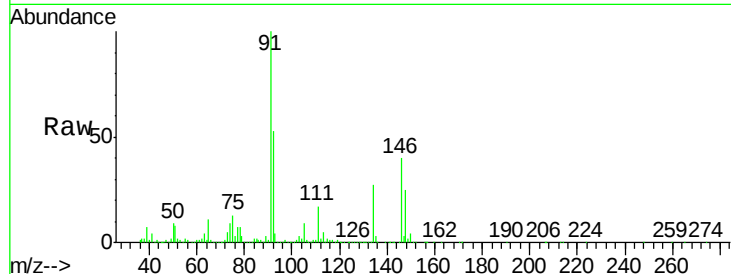




#89
n-Butylbenzene
Concen: 54.559 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

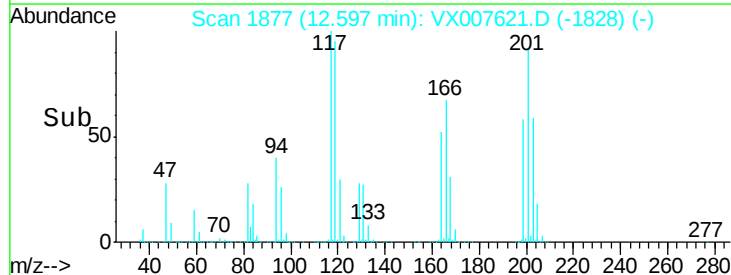
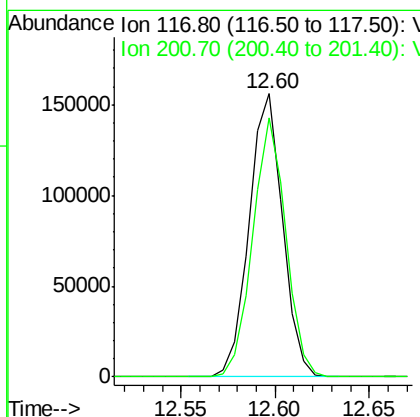
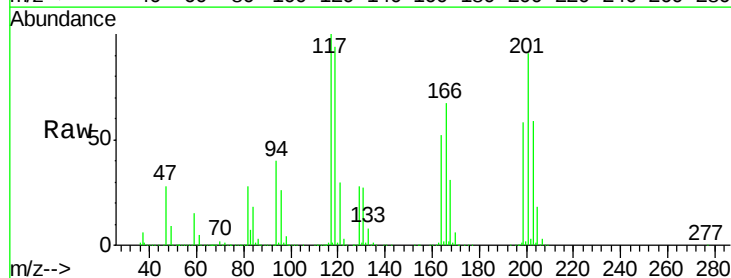
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

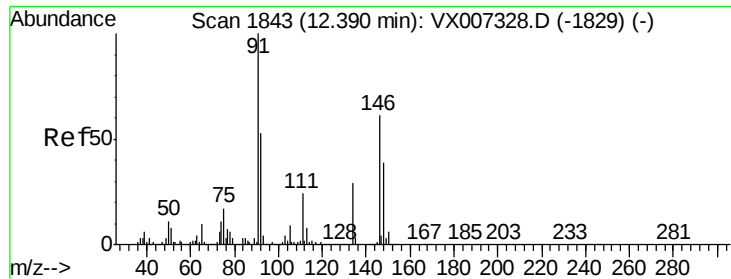
Tot Ion: 91 Resp: 998354
Ion Ratio Lower Upper
91 100
92 52.2 26.3 78.9
134 27.4 13.9 41.6



#90
Hexachloroethane
Concen: 60.350 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion: 117 Resp: 192127
Ion Ratio Lower Upper
117 100
201 90.1 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 49.189 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

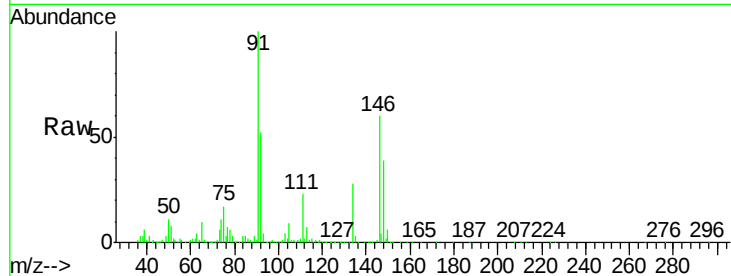
Tot Ion:146 Resp: 594987

Ion Ratio Lower Upper

146 100

111 38.6 19.1 57.3

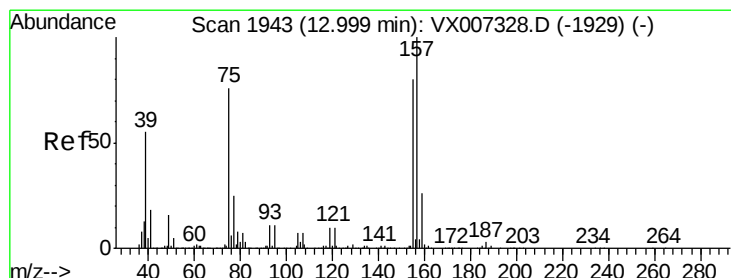
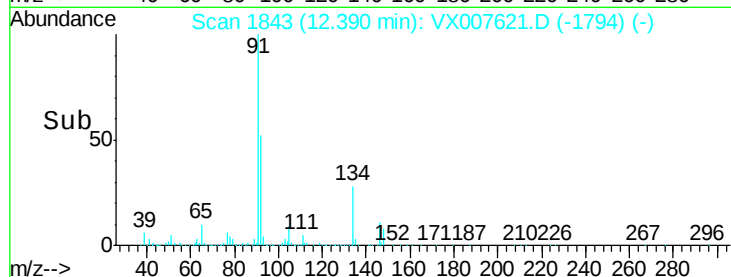
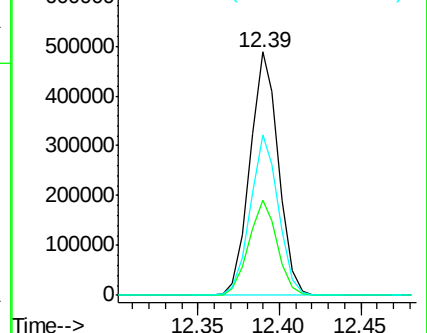
148 64.7 32.1 96.3



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: 54.919 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007621.D

Acq: 21 Feb 2019 10:46

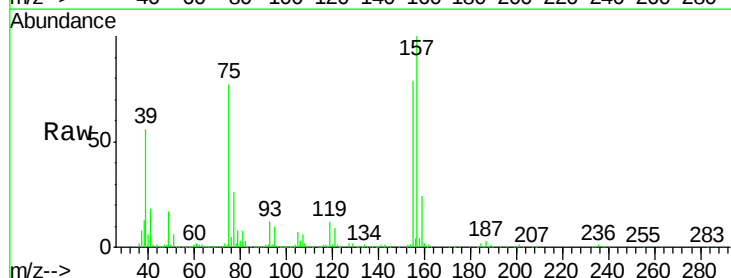
Tgt Ion: 75 Resp: 83652

Ion Ratio Lower Upper

75 100

155 102.7 49.6 149.0

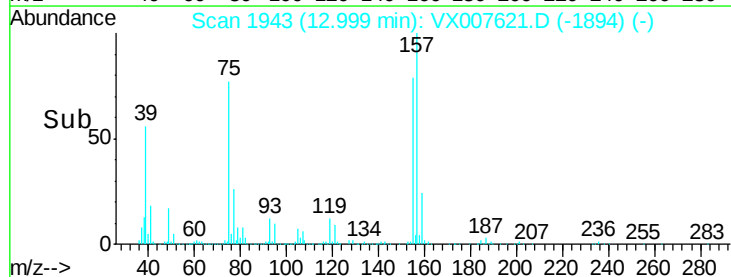
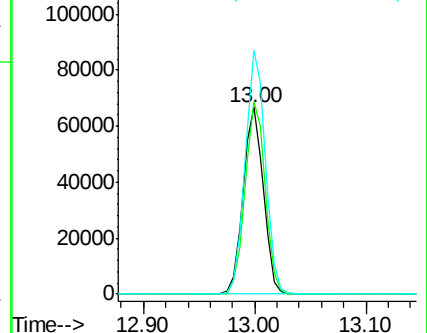
157 129.7 65.1 195.3

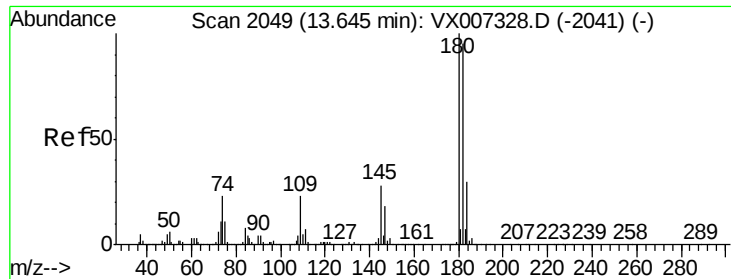


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

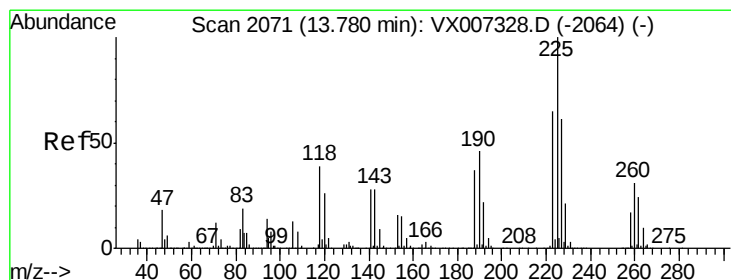
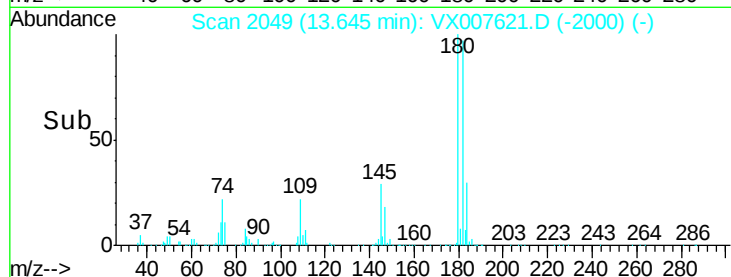
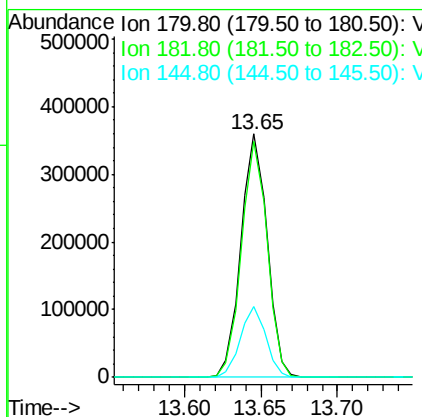
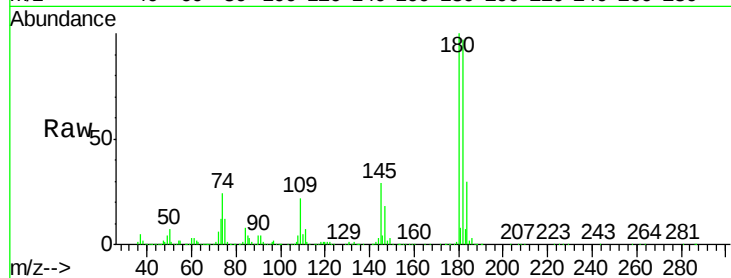




#93
 1,2,4-Trichlorobenzene
 Concen: 52.348 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007621.D
 Acq: 21 Feb 2019 10:46

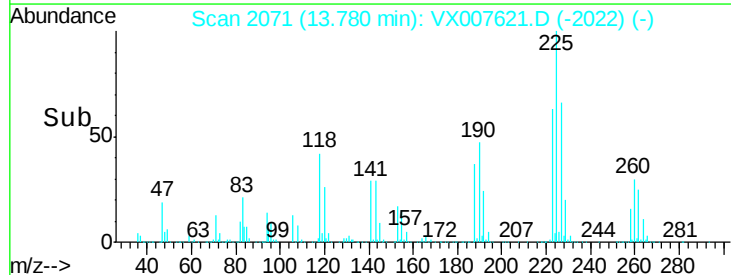
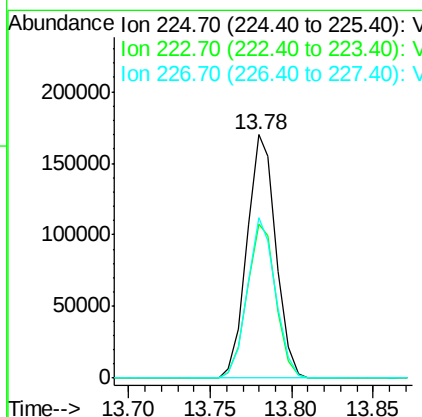
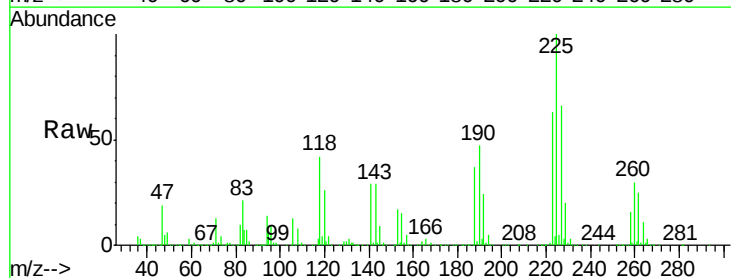
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

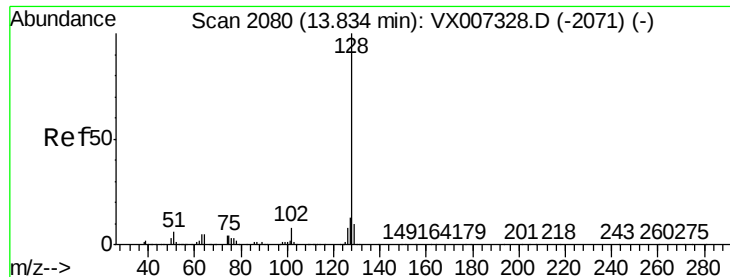
Tot Ion:180 Resp: 427019
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.3
 145 28.3 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 53.126 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007621.D
 Acq: 21 Feb 2019 10:46

Tgt Ion:225 Resp: 210434
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 94.8
 227 63.7 32.1 96.3

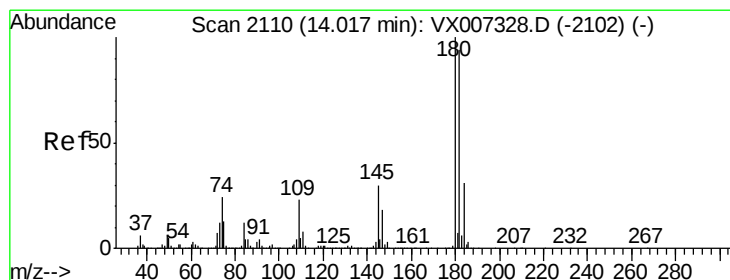
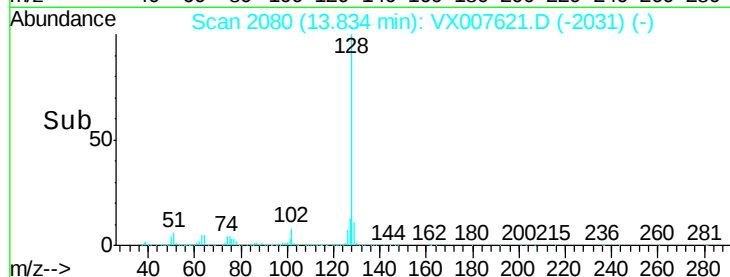
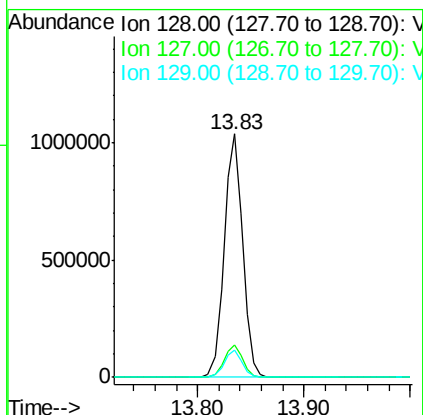
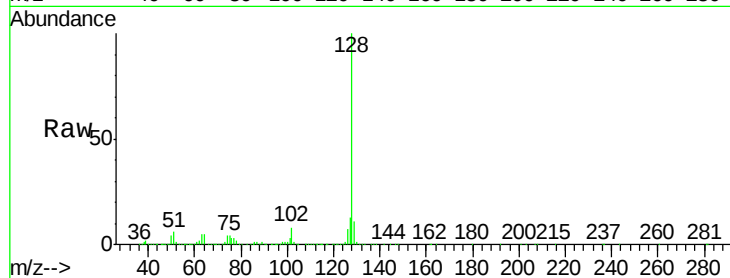




#95
Naphthalene
Concen: 52.272 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1246928
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.222 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007621.D
Acq: 21 Feb 2019 10:46

Tgt Ion:180 Resp: 420594
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.6
145 30.4 14.9 44.5

