

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071219\
 Data File : VX010851.D
 Acq On : 12 Jul 2019 21:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 13 05:13:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	236928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	362096	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175195	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	95901	43.17	ug/l	0.00
Spiked Amount			Recovery	=	86.34%	
35) Dibromofluoromethane	5.50	113	91889	41.48	ug/l	0.00
Spiked Amount			Recovery	=	82.96%	
50) Toluene-d8	8.71	98	336538	39.71	ug/l	0.00
Spiked Amount			Recovery	=	79.42%	
62) 4-Bromofluorobenzene	11.13	95	127146	41.55	ug/l	0.00
Spiked Amount			Recovery	=	83.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	77270	46.910	ug/l	99
3) Chloromethane	1.32	50	82263	42.889	ug/l	98
4) Vinyl Chloride	1.41	62	90344	43.004	ug/l	97
5) Bromomethane	1.64	94	48586	47.471	ug/l	99
6) Chloroethane	1.71	64	57555	46.436	ug/l	96
7) Trichlorofluoromethane	1.92	101	156158	46.890	ug/l	100
8) Diethyl Ether	2.19	74	55528	46.494	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	88787	43.993	ug/l	99
10) Methyl Iodide	2.51	142	101647	35.291	ug/l	97
11) Tert butyl alcohol	3.05	59	113687	195.581	ug/l	98
12) 1,1-Dichloroethene	2.37	96	89499	43.581	ug/l	99
13) Acrolein	2.29	56	92342	239.473	ug/l	98
14) Allyl chloride	2.73	41	130162	44.644	ug/l	98
15) Acrylonitrile	3.14	53	265480	230.679	ug/l	99
16) Acetone	2.45	43	215265	193.355	ug/l	99
17) Carbon Disulfide	2.57	76	208466	37.837	ug/l	99
18) Methyl Acetate	2.78	43	103335	46.570	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	296522	45.897	ug/l	98
20) Methylene Chloride	2.85	84	103557	45.199	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	94592	42.827	ug/l	99
22) Diisopropyl ether	3.85	45	283628	46.528	ug/l	95
23) Vinyl Acetate	3.81	43	1240393	235.542	ug/l	99
24) 1,1-Dichloroethane	3.70	63	159167	45.172	ug/l	99
25) 2-Butanone	4.67	43	364590	223.251	ug/l	99
26) 2,2-Dichloropropane	4.58	77	114721	37.479	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	113950	44.645	ug/l	100
28) Bromochloromethane	5.02	49	69052	40.988	ug/l	95
29) Tetrahydrofuran	5.13	42	232206	229.555	ug/l	99
30) Chloroform	5.21	83	173966	45.887	ug/l	97
31) Cyclohexane	5.58	56	140299	43.724	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	150066	44.828	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121539	42.239	ug/l	99
37) Ethyl Acetate	4.84	43	137713	46.522	ug/l	99
38) Carbon Tetrachloride	5.78	117	128922	41.376	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	154856	40.942	ug/l	94
40) Benzene	6.14	78	388017	43.284	ug/l	98
41) Methacrylonitrile	5.04	41	73110	45.013	ug/l	98
42) 1,2-Dichloroethane	6.19	62	131466	48.177	ug/l	98
43) Isopropyl Acetate	6.45	43	219608	44.840	ug/l	98
44) Trichloroethene	7.21	130	112207	41.831	ug/l	99
45) 1,2-Dichloropropane	7.51	63	99764	44.069	ug/l	99
46) Dibromomethane	7.66	93	72479	44.624	ug/l	95
47) Bromodichloromethane	7.90	83	128682	43.232	ug/l	99
48) Methyl methacrylate	7.77	41	106569	46.814	ug/l	97
49) 1,4-Dioxane	7.74	88	57499	876.795	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	740309	236.348	ug/l	98
52) Toluene	8.78	92	253941	43.016	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138313	41.446	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	153418	42.304	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108398	44.522	ug/l	97
56) Ethyl methacrylate	9.18	69	163411	44.306	ug/l	95
57) 1,3-Dichloropropane	9.37	76	168911	44.693	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	347185	198.204	ug/l	99
59) 2-Hexanone	9.49	43	572154	232.091	ug/l	97
60) Dibromochloromethane	9.58	129	112705	41.343	ug/l	98
61) 1,2-Dibromoethane	9.67	107	115605	43.990	ug/l	100
64) Tetrachloroethene	9.34	164	107717	39.720	ug/l	99
65) Chlorobenzene	10.13	112	289236	42.491	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105584	42.583	ug/l	100
67) Ethyl Benzene	10.25	91	497169	43.263	ug/l	99
68) m/p-Xylenes	10.36	106	385864	86.658	ug/l	98
69) o-Xylene	10.69	106	188058	42.947	ug/l	98
70) Styrene	10.71	104	324792	44.228	ug/l	99
71) Bromoform	10.85	173	86791	40.252	ug/l #	99
73) Isopropylbenzene	11.02	105	501531	42.230	ug/l	98
74) N-amyl acetate	10.90	43	205562	45.800	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	170396	43.324	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	184142	57.679	ug/l	80
77) Bromobenzene	11.26	156	135816	40.956	ug/l	96
78) n-propylbenzene	11.36	91	569608	43.640	ug/l	99
79) 2-Chlorotoluene	11.42	91	331307	42.627	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421207	43.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48208	35.227	ug/l	89
82) 4-Chlorotoluene	11.51	91	387616	43.828	ug/l	100
83) tert-Butylbenzene	11.77	119	419072	42.647	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	427756	43.488	ug/l	99
85) sec-Butylbenzene	11.94	105	491961	42.640	ug/l	100
86) p-Isopropyltoluene	12.06	119	459188	43.028	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	241874	41.785	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	239026	40.561	ug/l	99
89) n-Butylbenzene	12.38	91	394878	43.544	ug/l	99
90) Hexachloroethane	12.60	117	71502	38.748	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	243268	42.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34964	41.232	ug/l	91

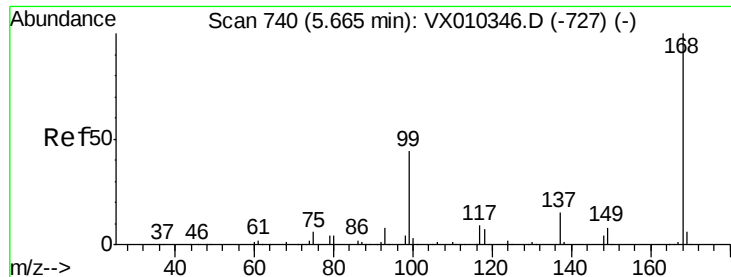
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	164733	41.290	ug/l	100
94) Hexachlorobutadiene	13.78	225	78997	40.514	ug/l	98
95) Naphthalene	13.83	128	511167	41.692	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	165314	41.675	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

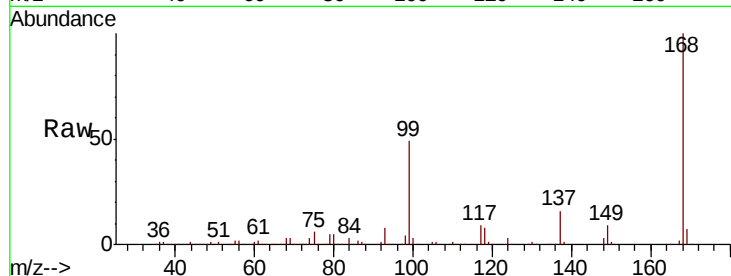
VSTDCCC050

Tot Ion:168 Resp: 236928

Ion Ratio Lower Upper

168 100

99 49.4 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

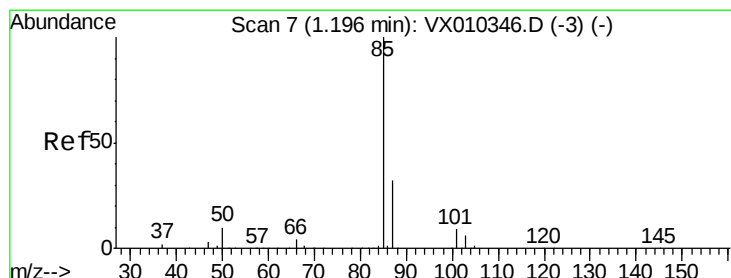
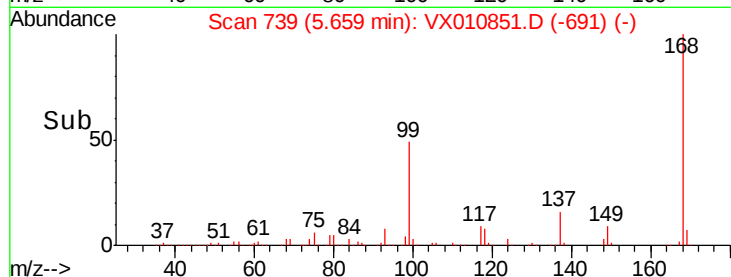
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.910 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010851.D

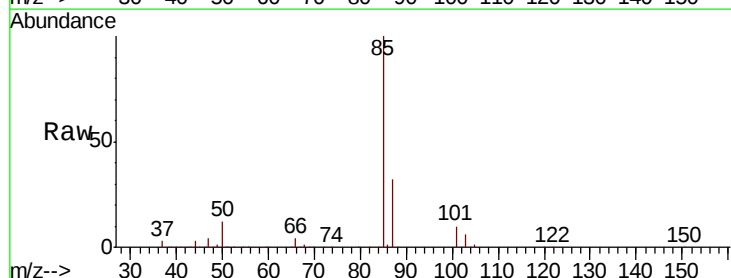
Acq: 12 Jul 2019 21:29

Tgt Ion: 85 Resp: 77270

Ion Ratio Lower Upper

85 100

87 31.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

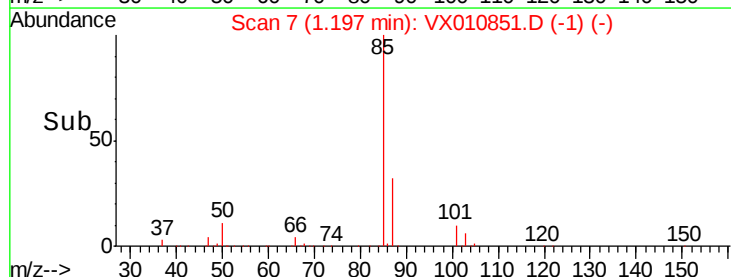
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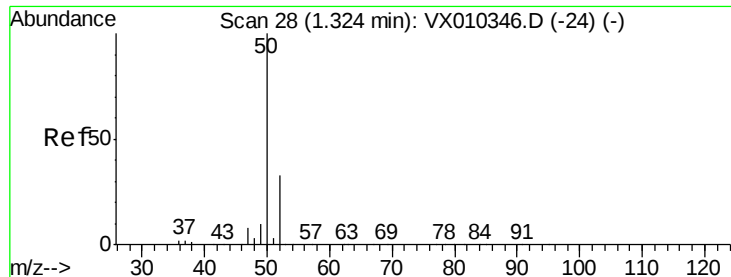
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 42.889 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

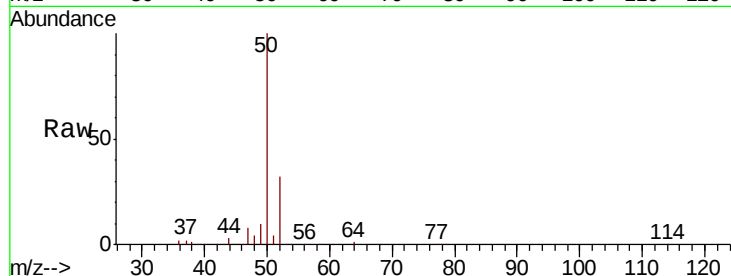
VSTDCCC050

Tot Ion: 50 Resp: 82263

Ion Ratio Lower Upper

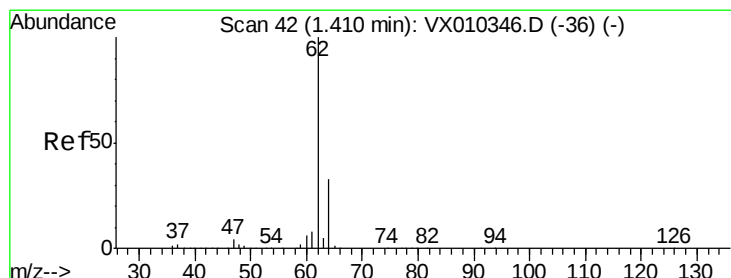
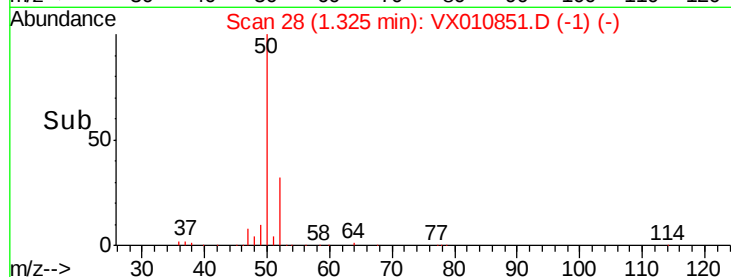
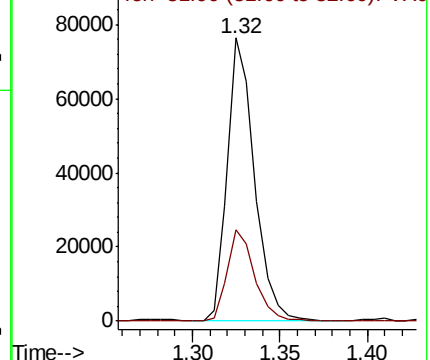
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.004 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010851.D

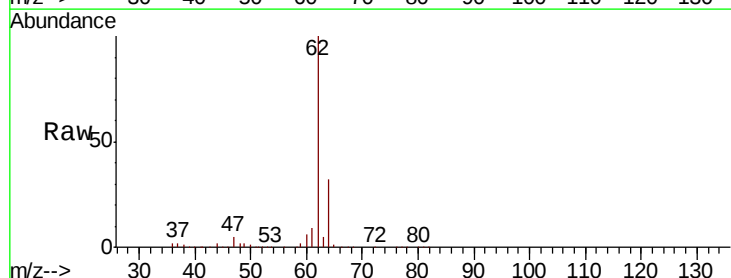
Acq: 12 Jul 2019 21:29

Tgt Ion: 62 Resp: 90344

Ion Ratio Lower Upper

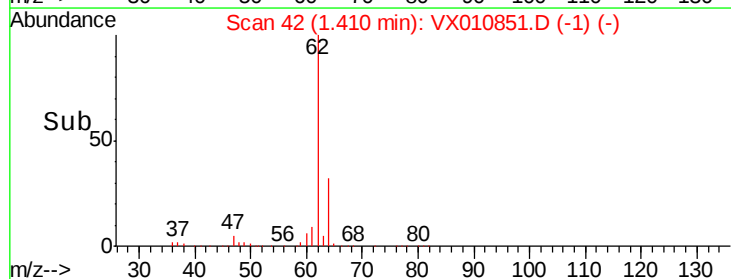
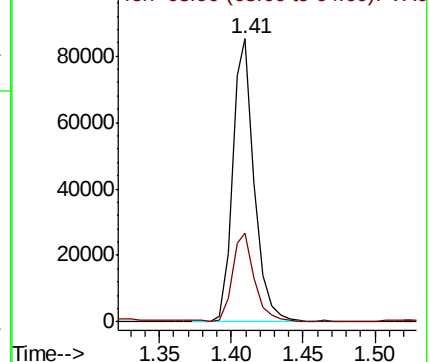
62 100

64 31.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.471 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

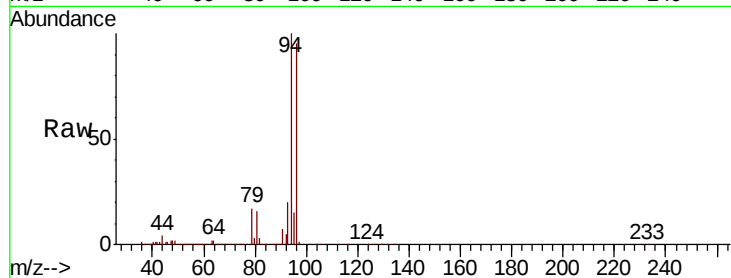
VSTDCCC050

Tot Ion: 94 Resp: 48586

Ion Ratio Lower Upper

94 100

96 95.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

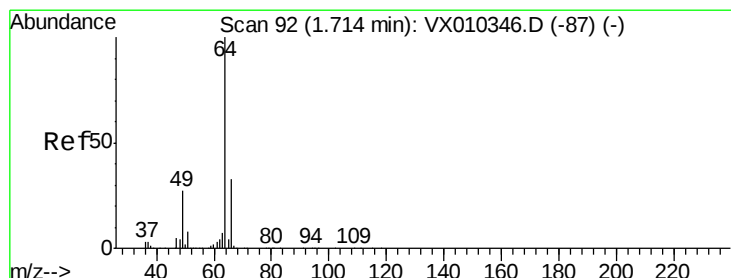
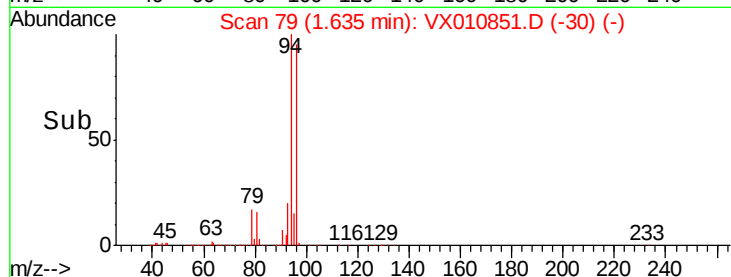
20000

10000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 46.436 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010851.D

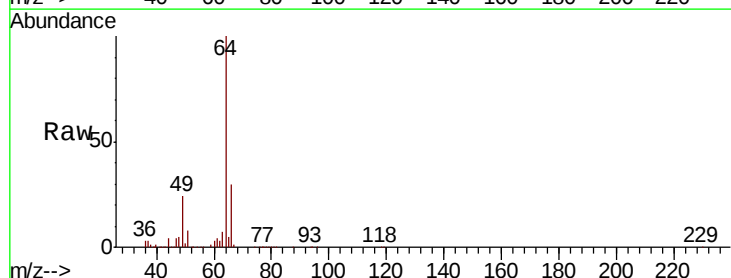
Acq: 12 Jul 2019 21:29

Tgt Ion: 64 Resp: 57555

Ion Ratio Lower Upper

64 100

66 30.8 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

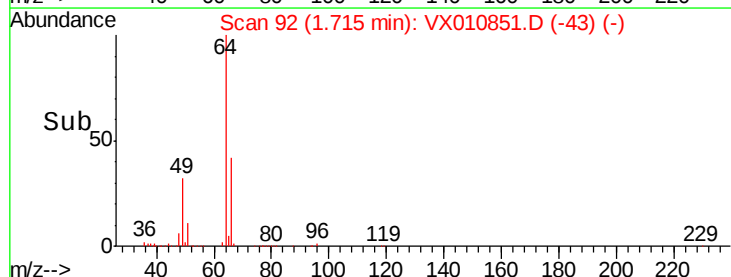
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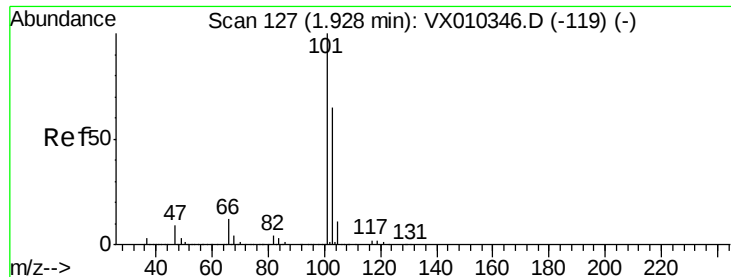
10000

0

Time-->

1.65 1.70 1.75 1.80



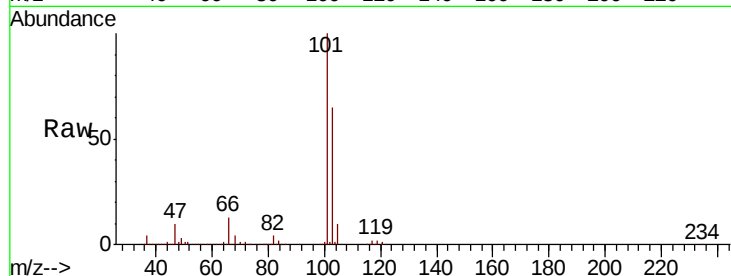


#7

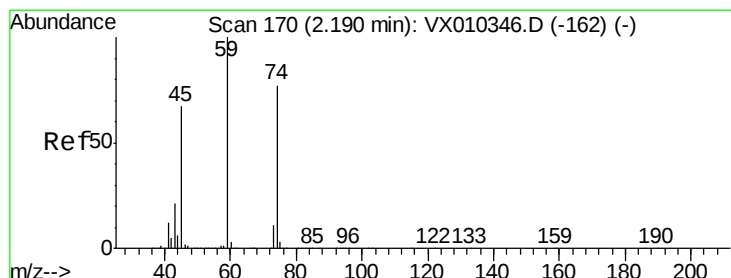
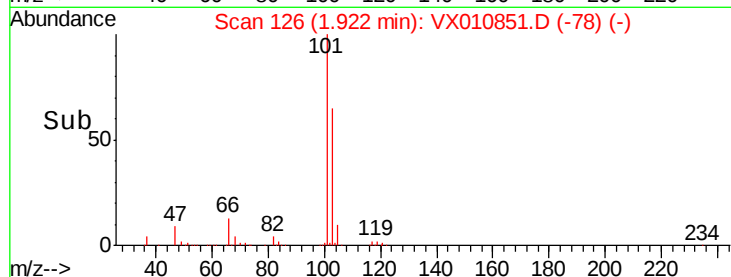
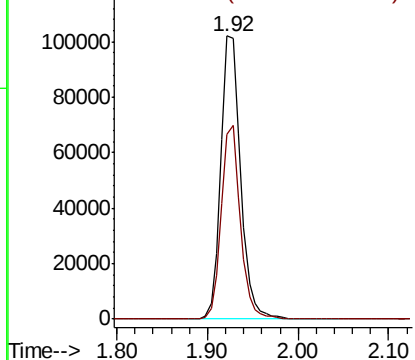
Trichlorofluoromethane
Concen: 46.890 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:101 Resp: 156158
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5



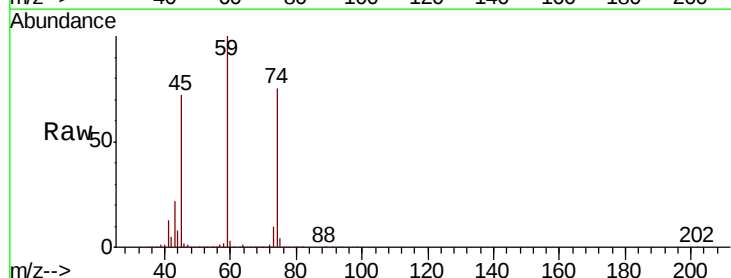
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



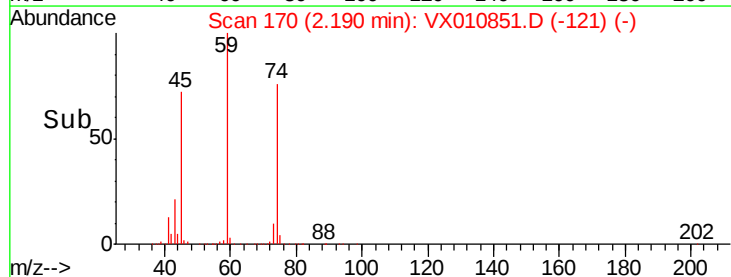
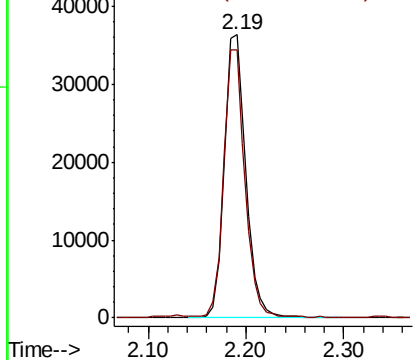
#8

Diethyl Ether
Concen: 46.494 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 74 Resp: 55528
Ion Ratio Lower Upper
74 100
45 93.4 44.8 134.4



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.993 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

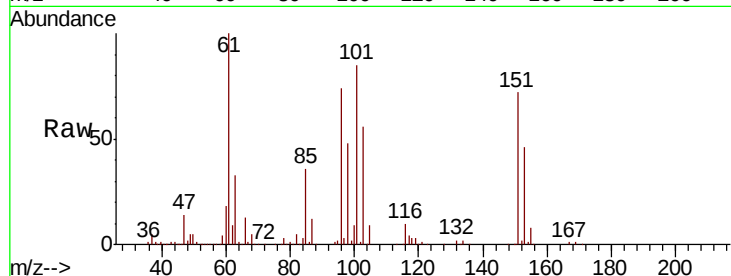
Tot Ion:101 Resp: 88787

Ion Ratio Lower Upper

101 100

85 43.4 33.7 50.5

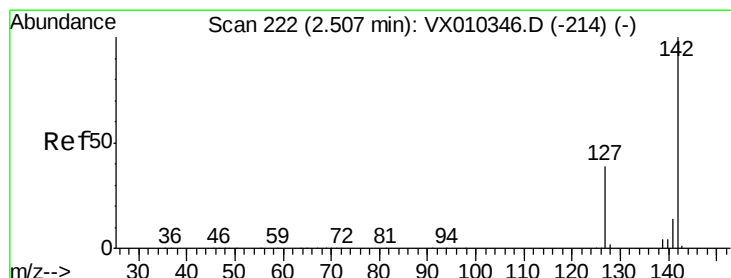
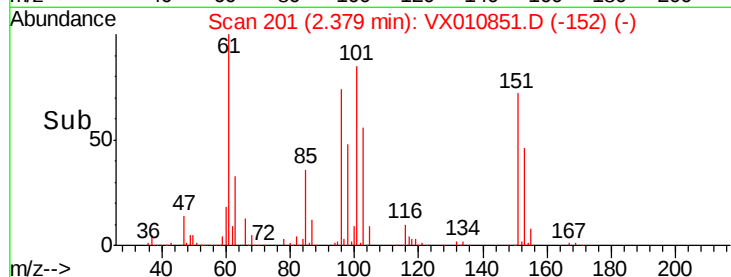
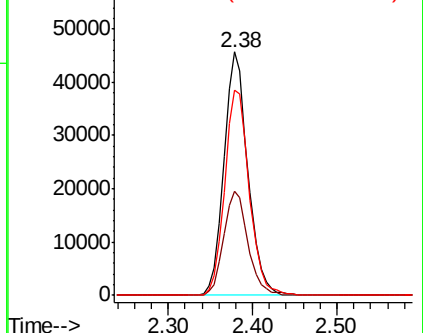
151 86.6 70.1 105.1



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: 35.291 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

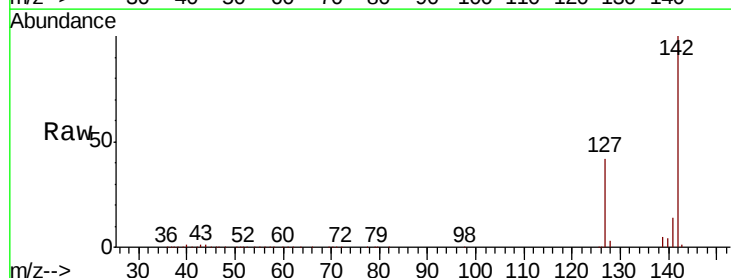
Tgt Ion:142 Resp: 101647

Ion Ratio Lower Upper

142 100

127 41.3 31.1 46.7

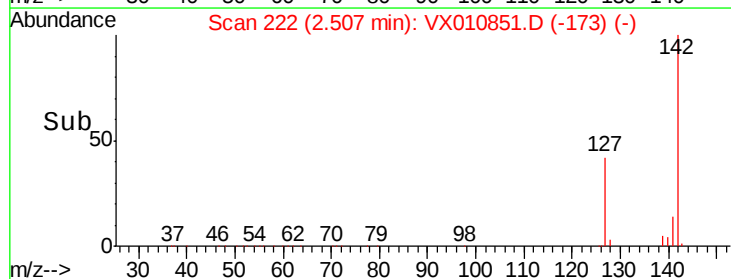
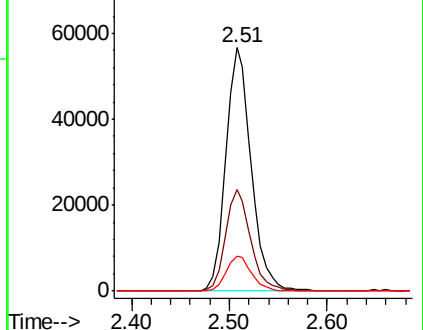
141 14.5 11.2 16.8



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

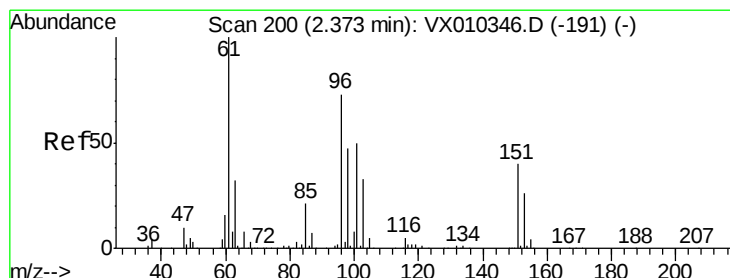
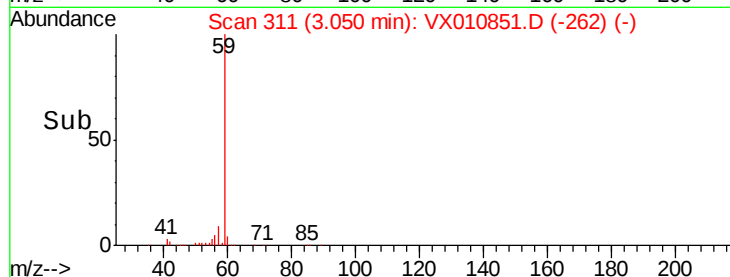
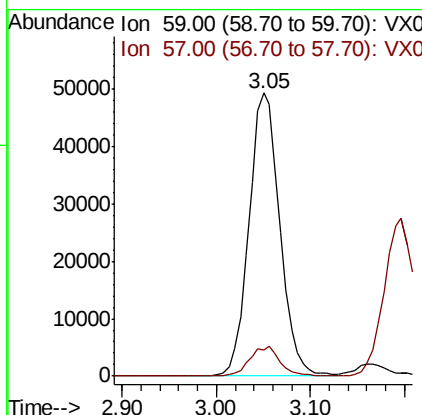
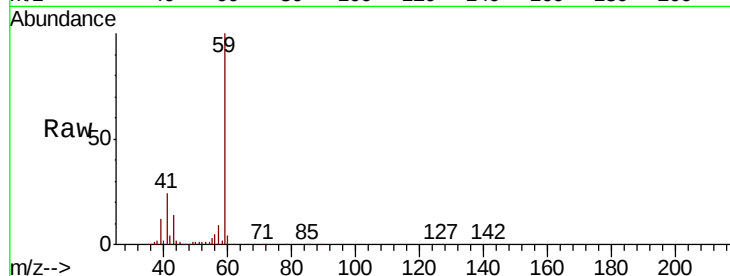




#11
Tert butyl alcohol
Concen: 195.581 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

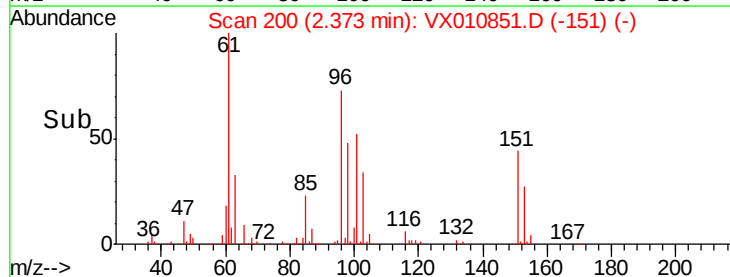
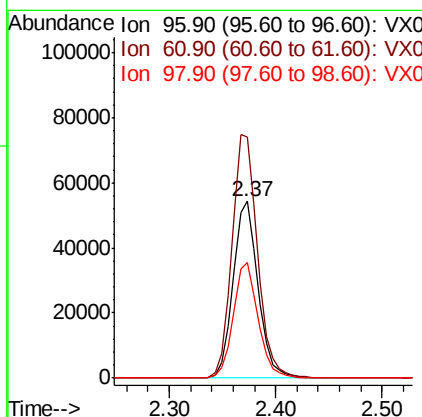
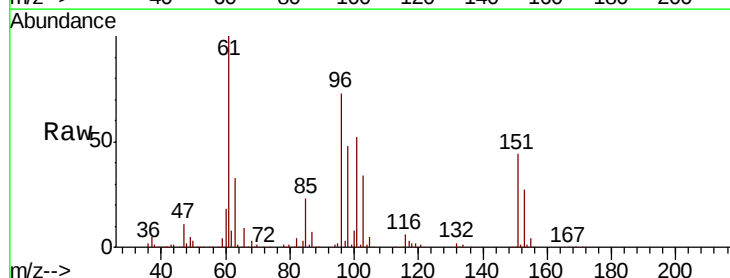
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 59 Resp: 113687
Ion Ratio Lower Upper
59 100
57 10.4 7.7 11.5



#12
1,1-Dichloroethene
Concen: 43.581 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 96 Resp: 89499
Ion Ratio Lower Upper
96 100
61 136.4 109.2 163.8
98 65.3 51.1 76.7





#13

Acrolein

Concen: 239.473 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

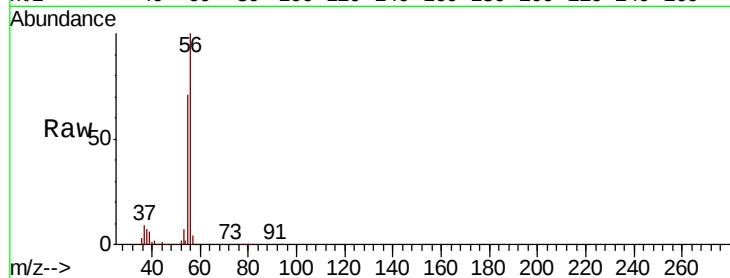
VSTDCCC050

Tot Ion: 56 Resp: 92342

Ion Ratio Lower Upper

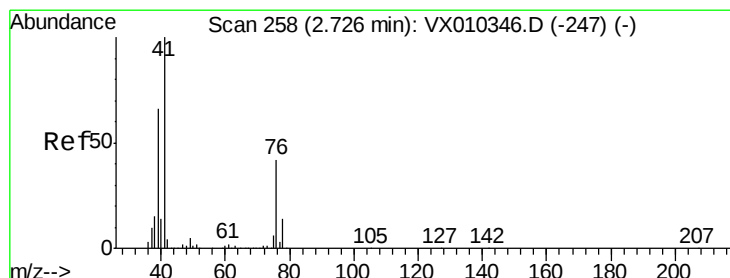
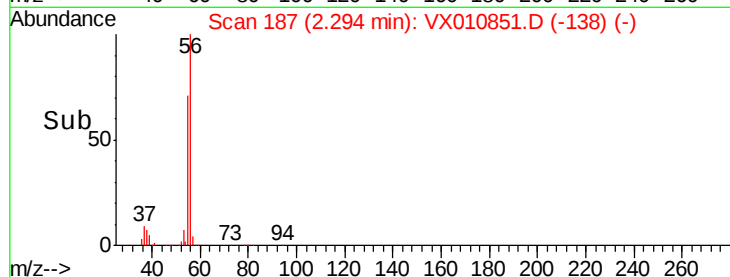
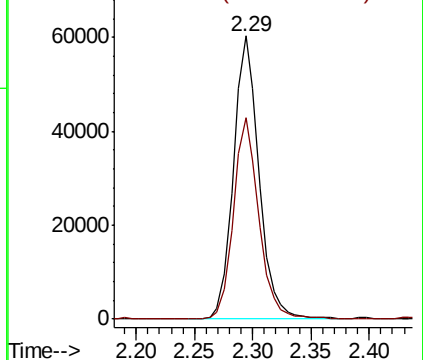
56 100

55 69.7 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 44.644 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

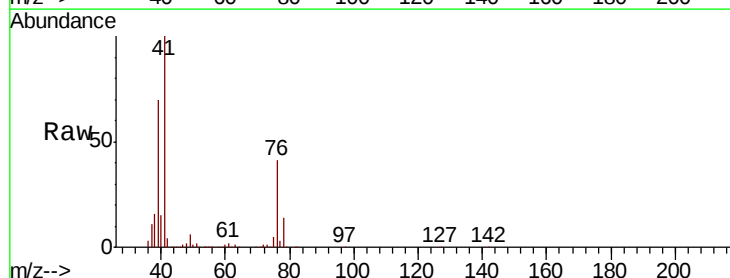
Tgt Ion: 41 Resp: 130162

Ion Ratio Lower Upper

41 100

39 64.3 50.3 75.5

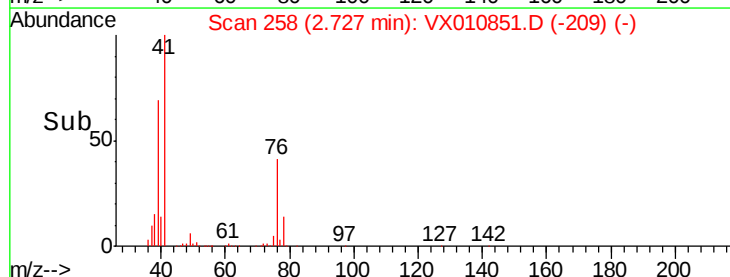
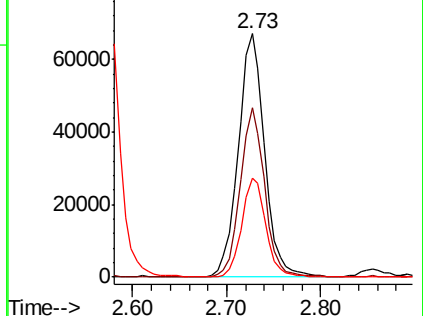
76 37.4 31.3 46.9

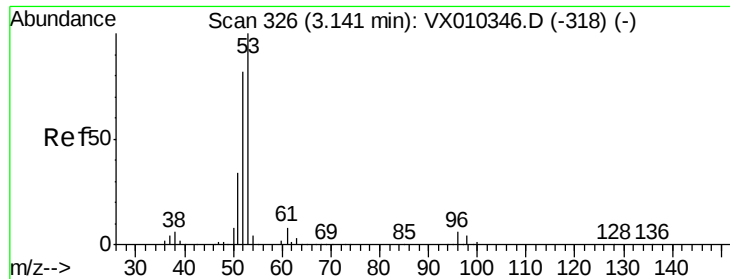


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 230.679 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

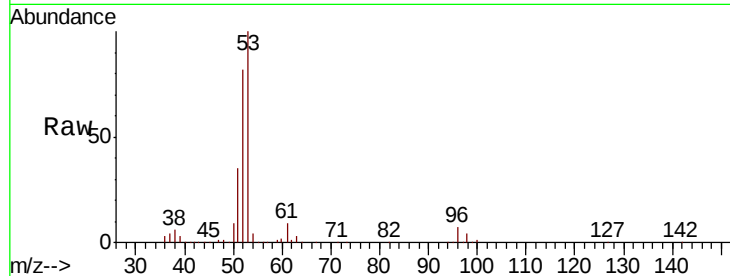
Tot Ion: 53 Resp: 265480

Ion Ratio Lower Upper

53 100

52 82.9 65.5 98.3

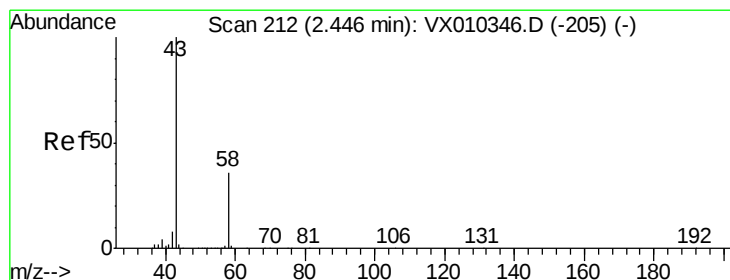
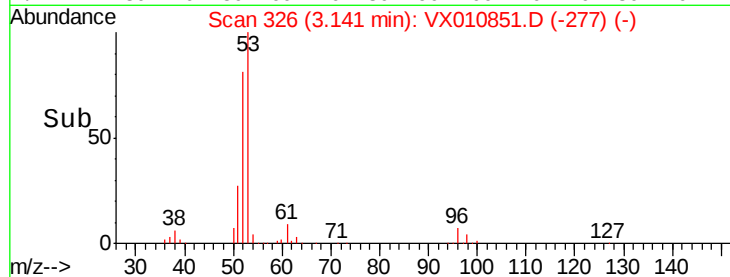
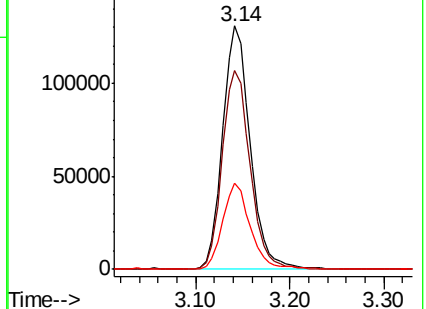
51 35.4 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 193.355 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010851.D

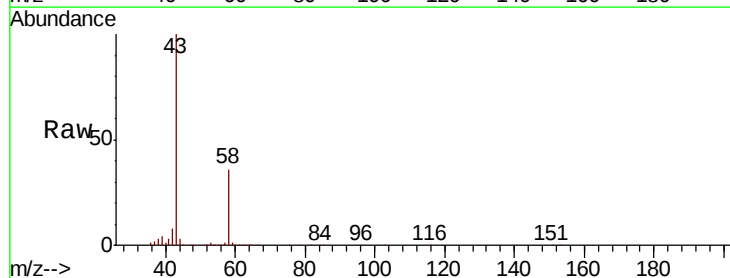
Acq: 12 Jul 2019 21:29

Tgt Ion: 43 Resp: 215265

Ion Ratio Lower Upper

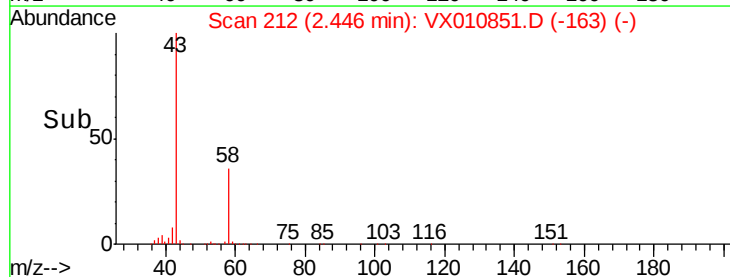
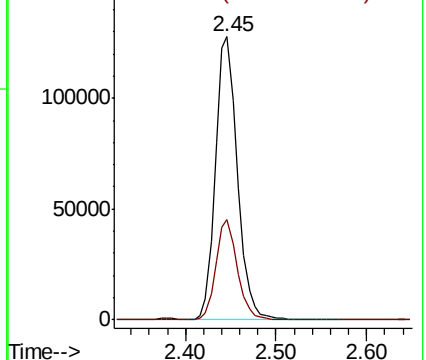
43 100

58 35.6 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

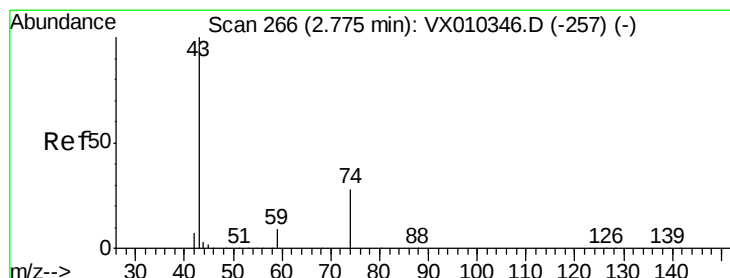
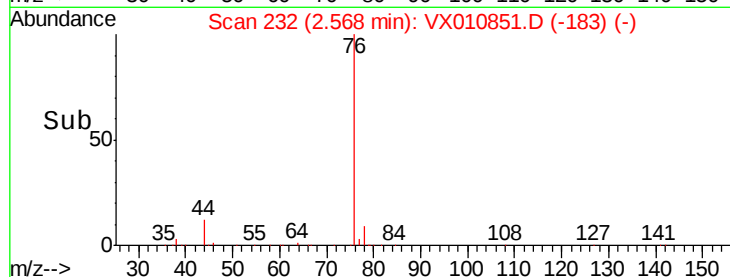
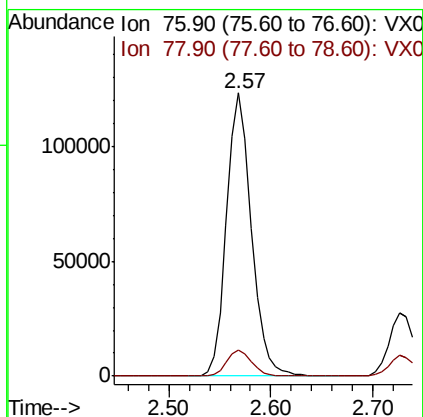
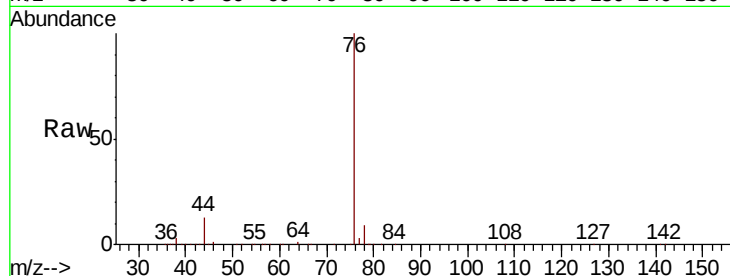




#17
Carbon Disulfide
Concen: 37.837 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

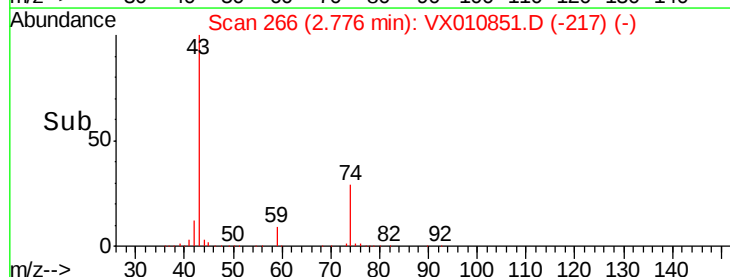
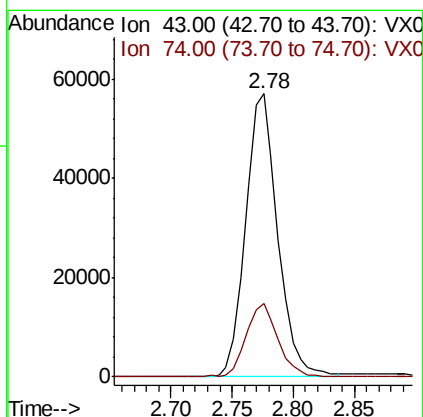
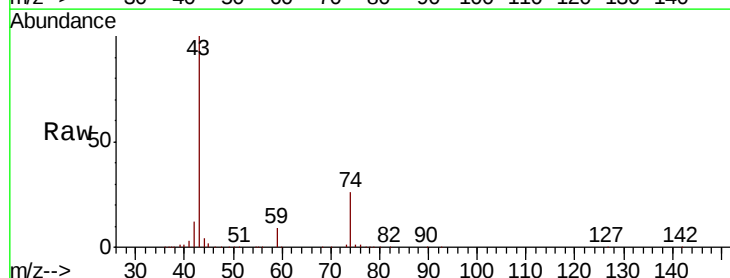
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

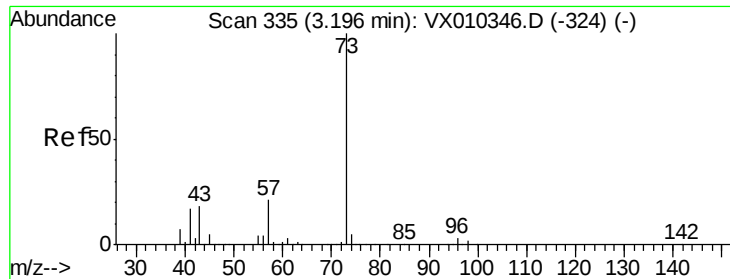
Tot Ion: 76 Resp: 208466
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 46.570 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 43 Resp: 103335
Ion Ratio Lower Upper
43 100
74 26.4 21.3 31.9



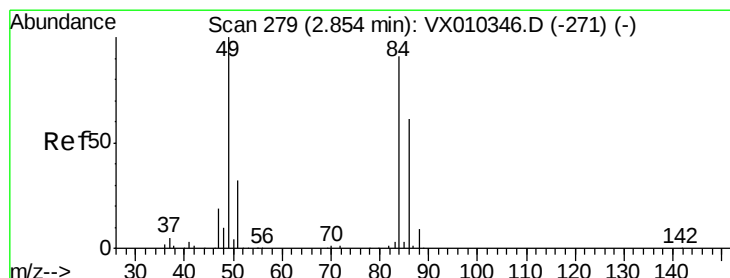
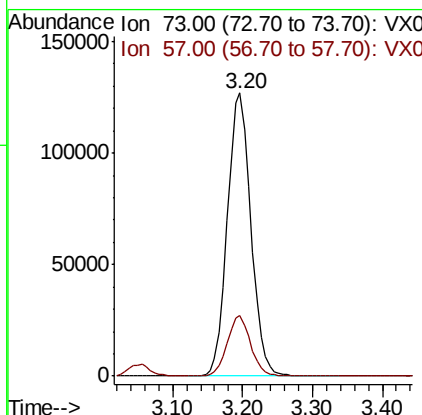
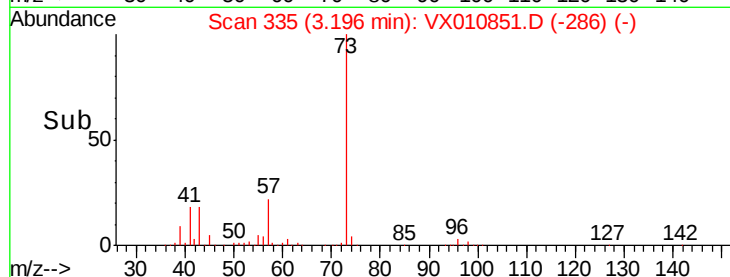
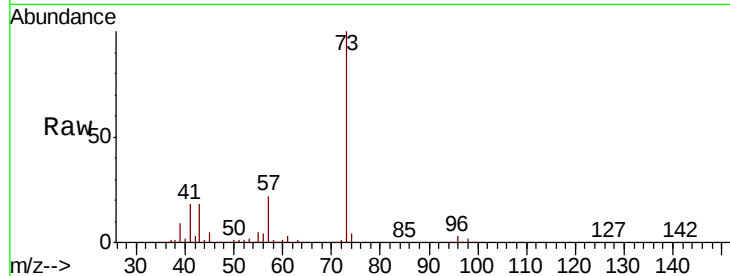


#19

Methyl tert-butyl Ether
 Concen: 45.897 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

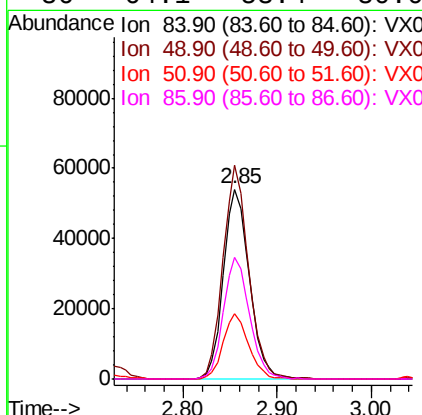
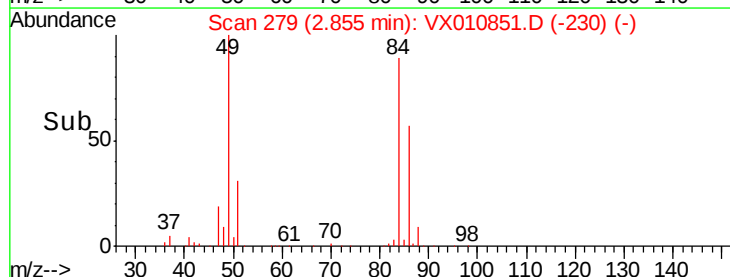
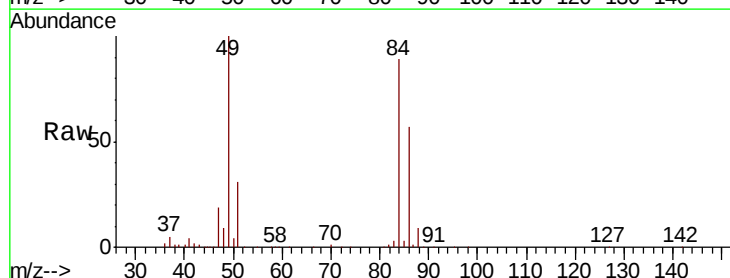
Tot Ion: 73 Resp: 296522
 Ion Ratio Lower Upper
 73 100
 57 21.6 16.4 24.6

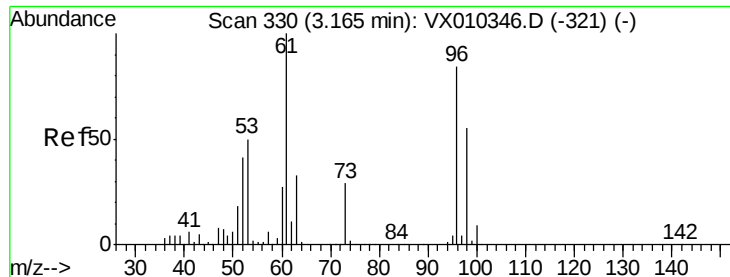


#20

Methylene Chloride
 Concen: 45.199 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion: 84 Resp: 103557
 Ion Ratio Lower Upper
 84 100
 49 112.4 87.5 131.3
 51 34.6 27.7 41.5
 86 64.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 42.827 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

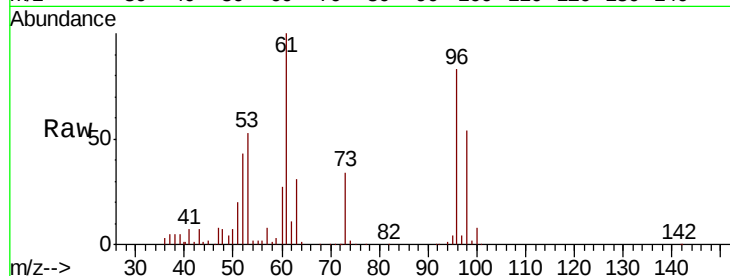
Tot Ion: 96 Resp: 94592

Ion Ratio Lower Upper

96 100

61 119.7 95.6 143.4

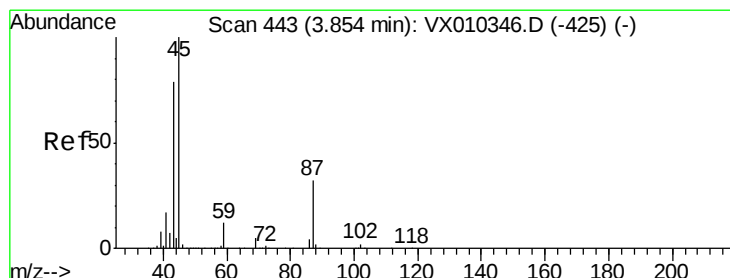
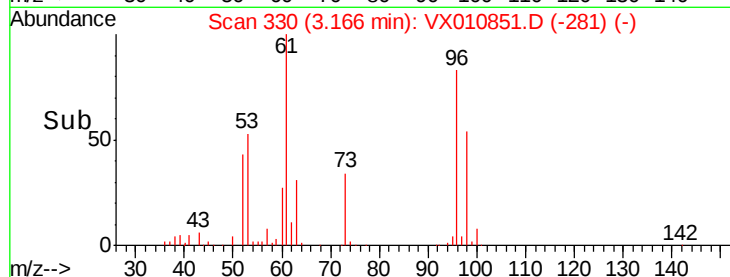
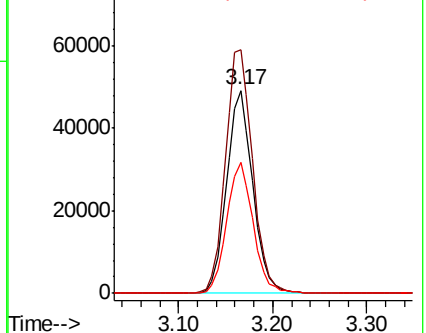
98 64.5 52.5 78.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 46.528 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Tgt Ion: 45 Resp: 283628

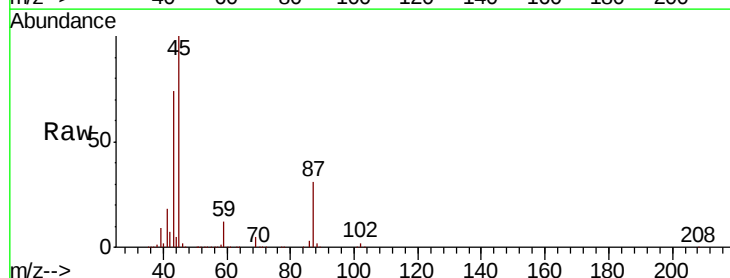
Ion Ratio Lower Upper

45 100

43 73.5 63.3 94.9

87 30.7 25.8 38.8

59 12.2 9.6 14.4

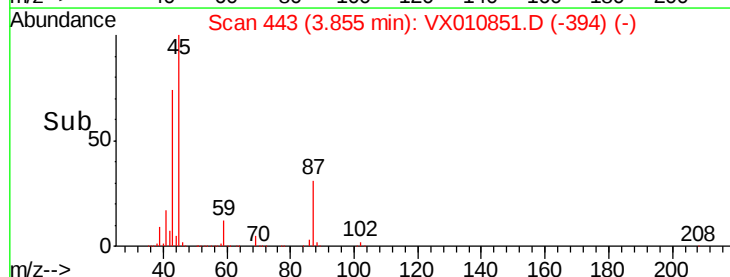
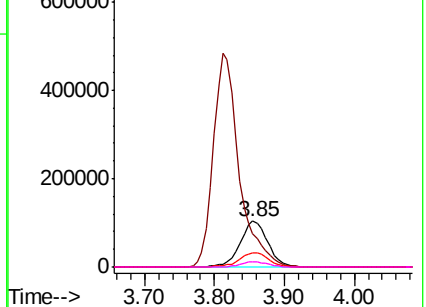


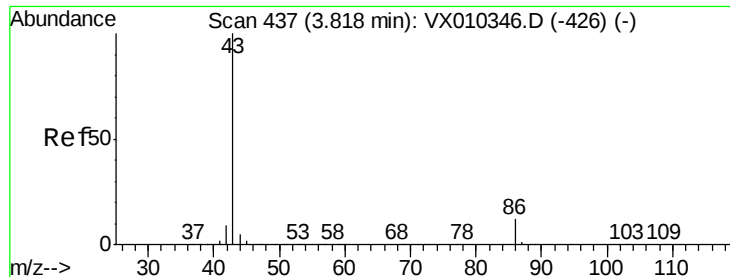
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 235.542 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampled :

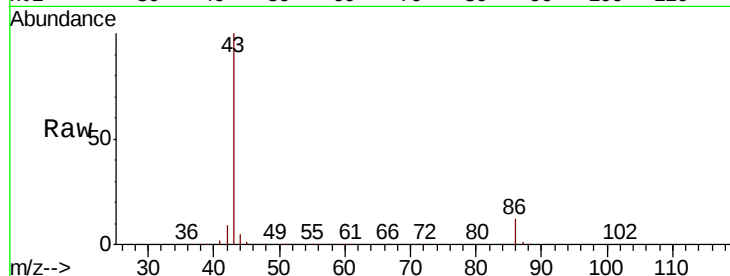
VSTDCCC050

Tot Ion: 43 Resp: 1240393

Ion Ratio Lower Upper

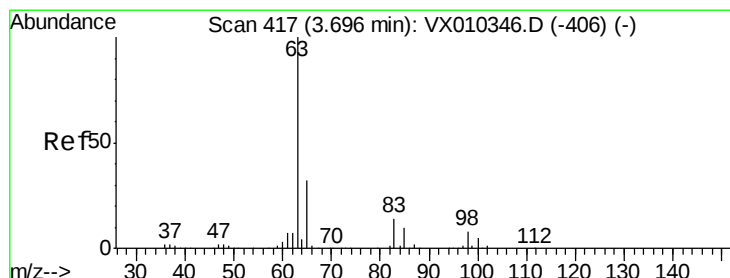
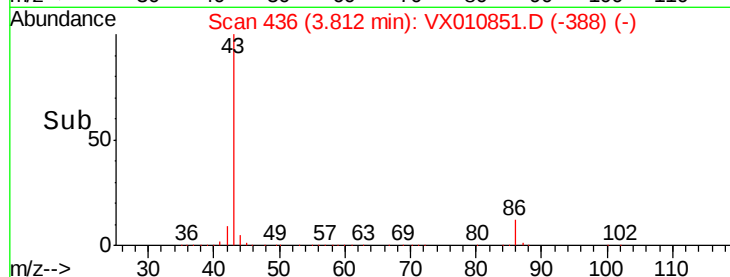
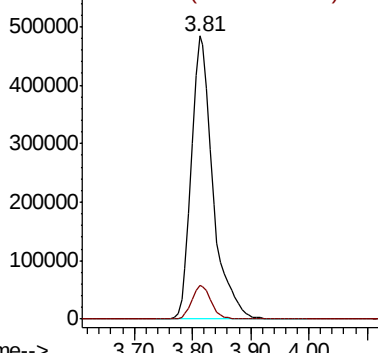
43 100

86 11.8 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.172 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

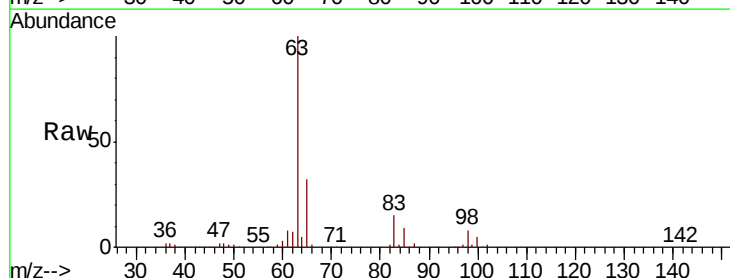
Tgt Ion: 63 Resp: 159167

Ion Ratio Lower Upper

63 100

98 8.1 3.9 11.7

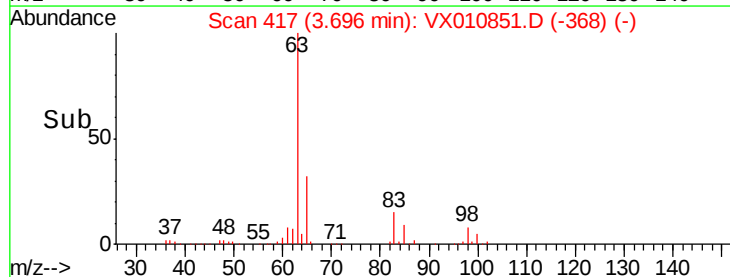
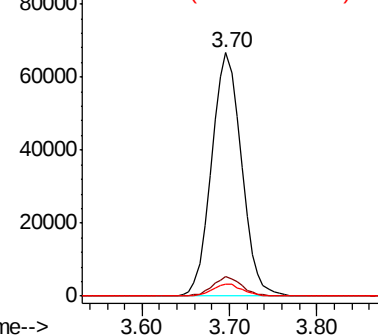
100 5.0 2.4 7.1

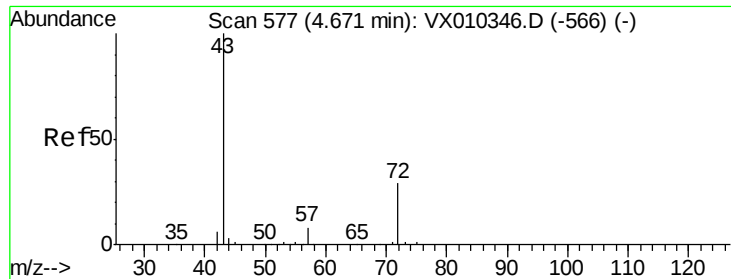


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 223.251 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

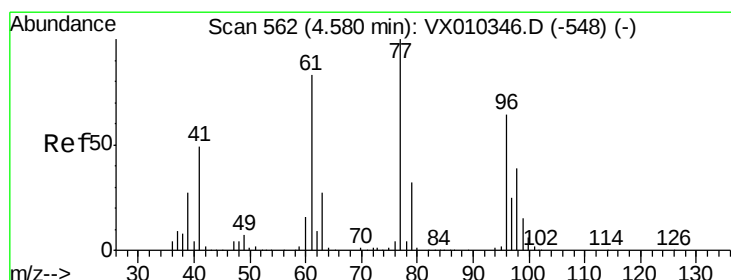
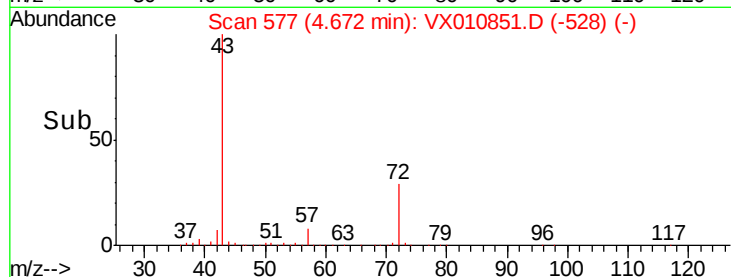
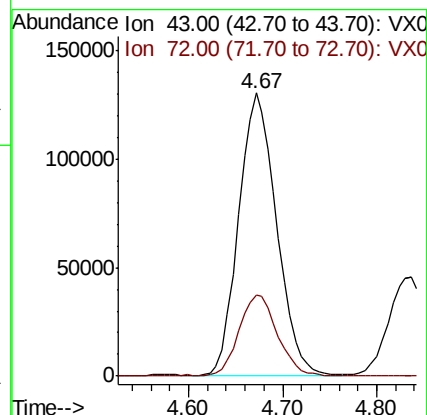
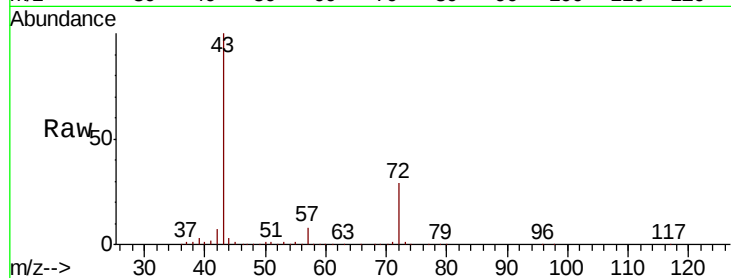
VSTDCCC050

Tot Ion: 43 Resp: 364590

Ion Ratio Lower Upper

43 100

72 28.7 23.3 34.9



#26

2,2-Dichloropropane

Concen: 37.479 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010851.D

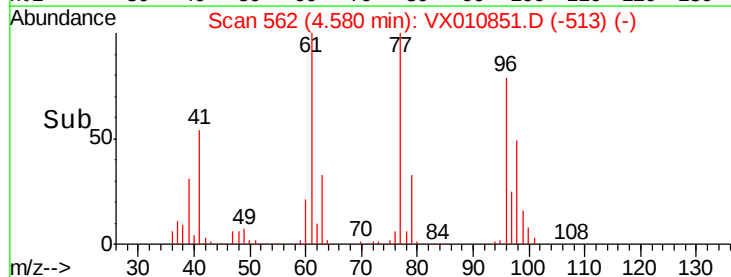
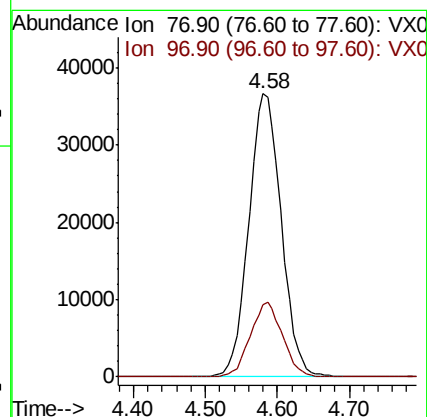
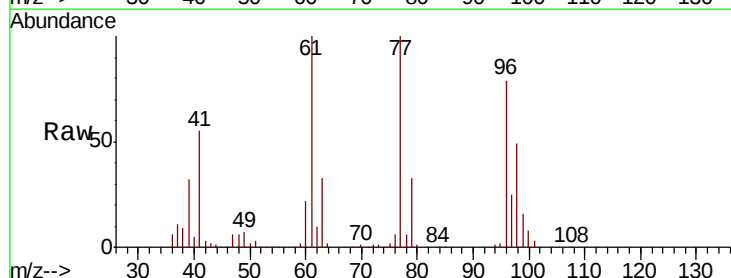
Acq: 12 Jul 2019 21:29

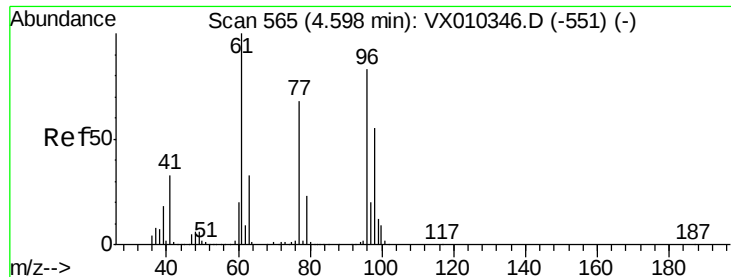
Tgt Ion: 77 Resp: 114721

Ion Ratio Lower Upper

77 100

97 26.0 13.1 39.3



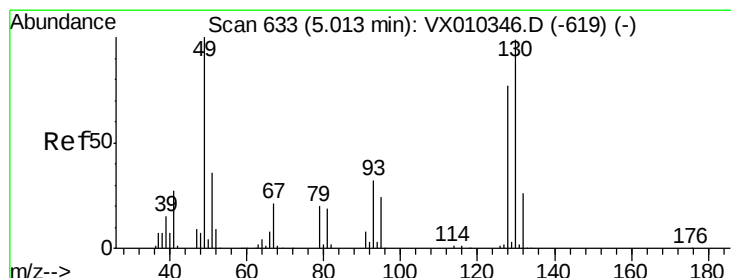
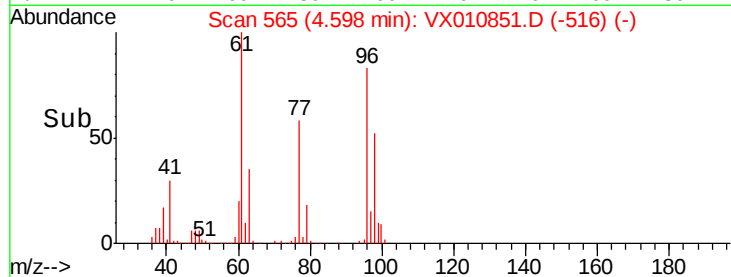
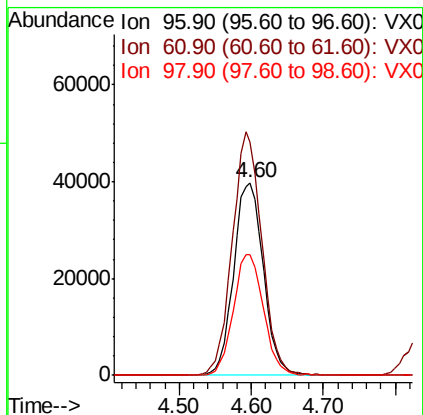
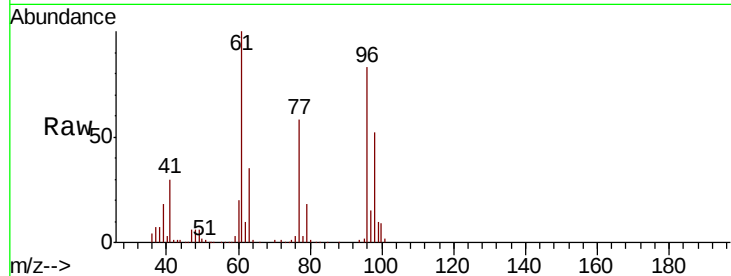


#27

cis-1,2-Dichloroethene
Concen: 44.645 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

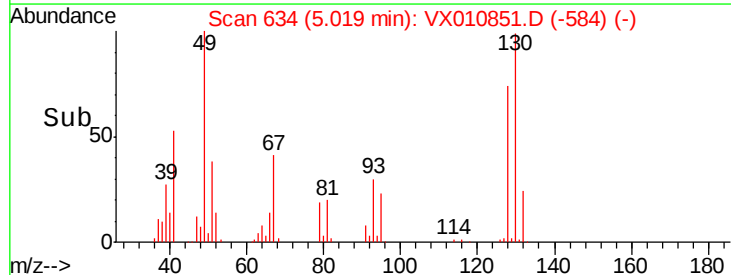
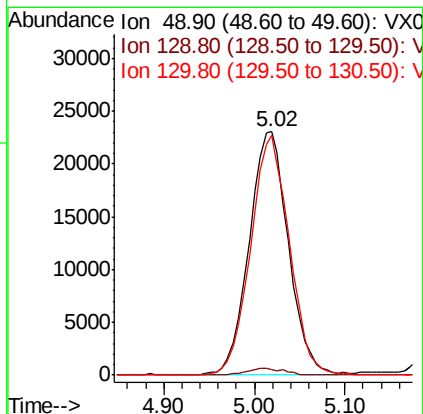
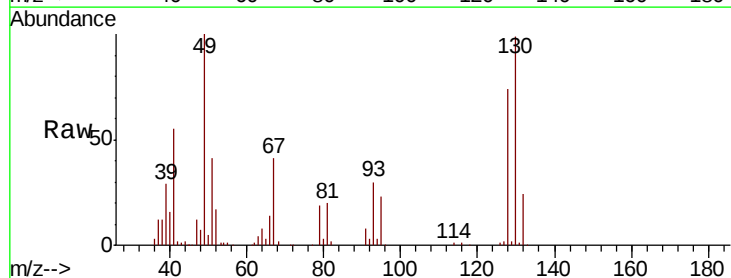
Tot Ion: 96 Resp: 113950
Ion Ratio Lower Upper
96 100
61 126.0 0.0 251.8
98 63.8 0.0 129.4

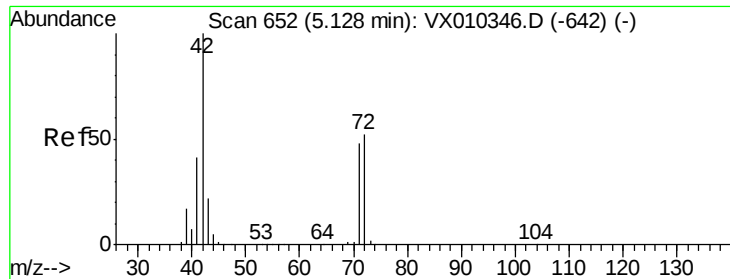


#28

Bromochloromethane
Concen: 40.988 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 49 Resp: 69052
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.6
130 96.9 81.4 122.0





#29

Tetrahydrofuran

Concen: 229.555 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

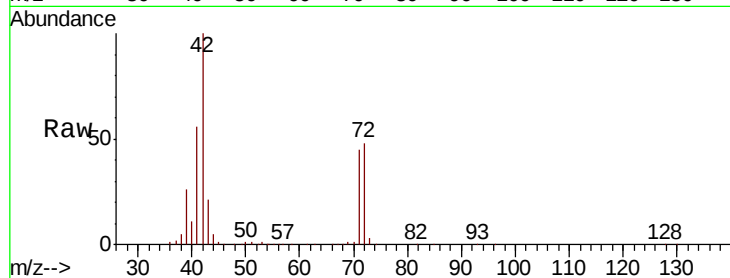
Tot Ion: 42 Resp: 232206

Ion Ratio Lower Upper

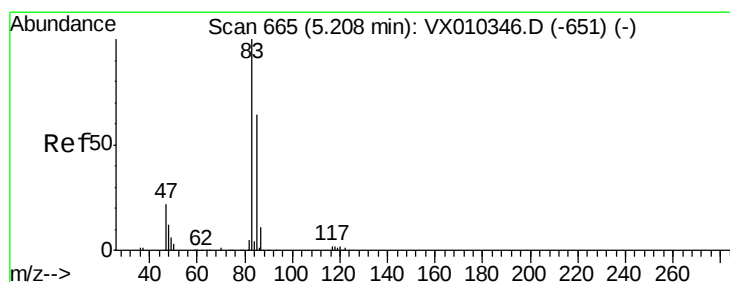
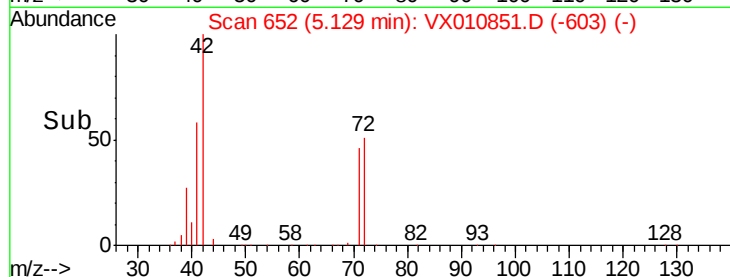
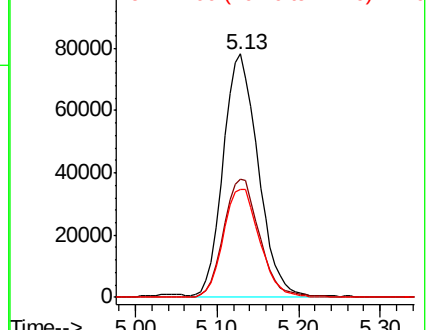
42 100

72 50.1 40.6 60.8

71 46.2 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 45.887 ug/l

RT: 5.21 min Scan# 665

Delta R.T. 0.00 min

Lab File: VX010851.D

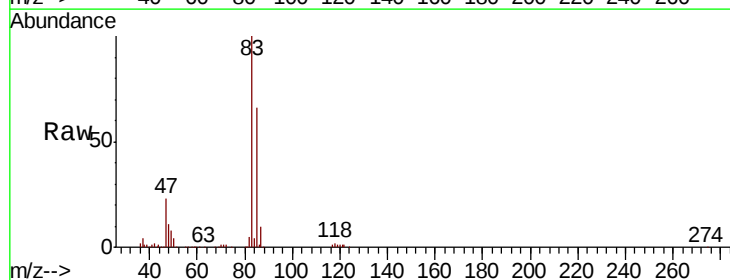
Acq: 12 Jul 2019 21:29

Tgt Ion: 83 Resp: 173966

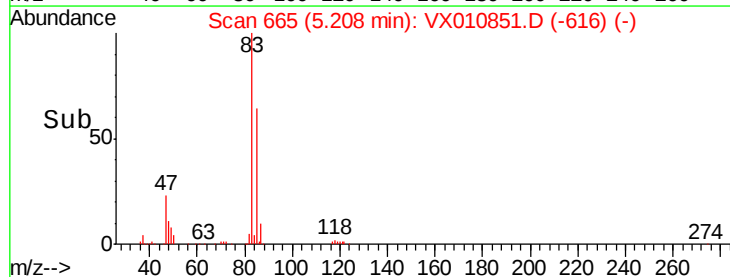
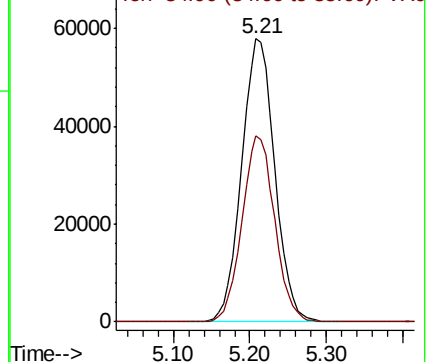
Ion Ratio Lower Upper

83 100

85 65.8 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 43.724 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

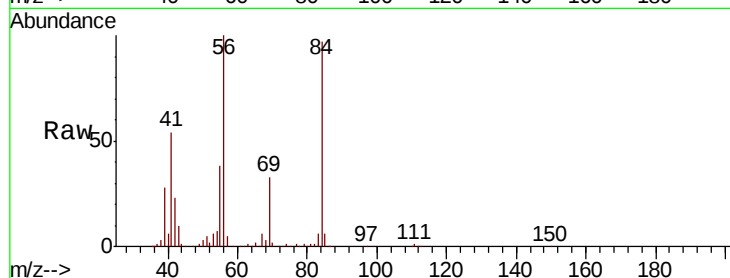
Tot Ion: 56 Resp: 140299

Ion Ratio Lower Upper

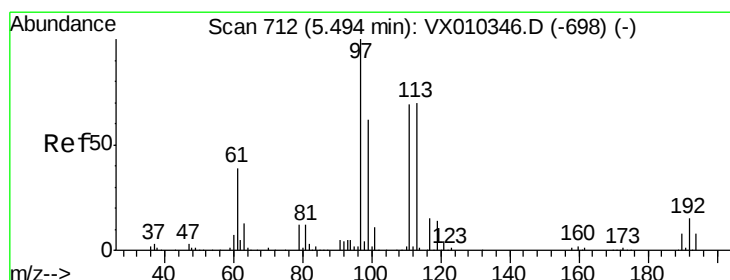
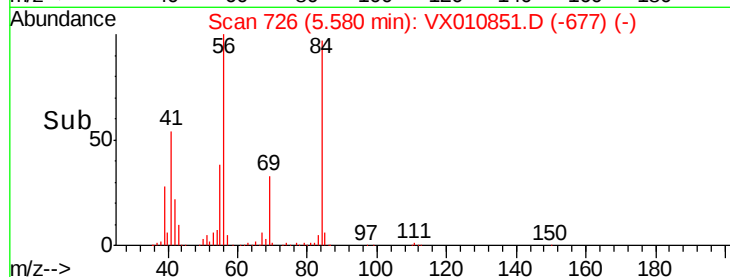
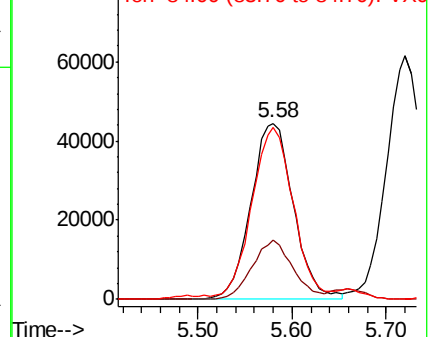
56 100

69 33.5 25.9 38.9

84 95.2 78.0 117.0



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: 44.828 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

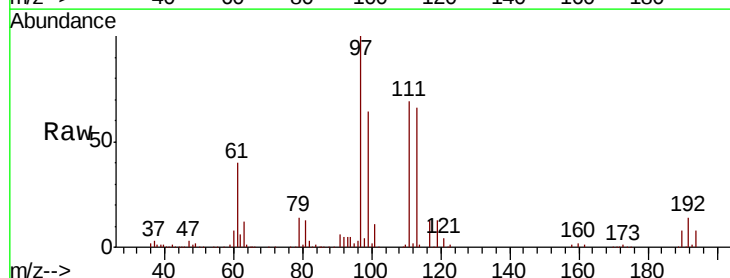
Tgt Ion: 97 Resp: 150066

Ion Ratio Lower Upper

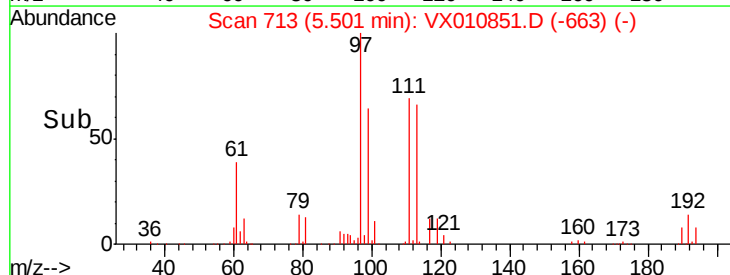
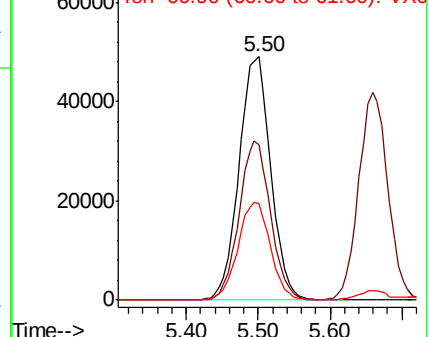
97 100

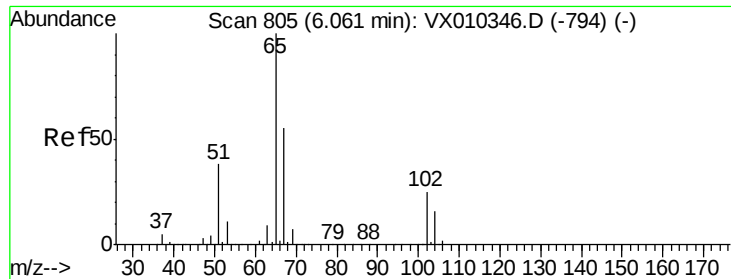
99 64.9 51.8 77.8

61 41.3 32.1 48.1



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

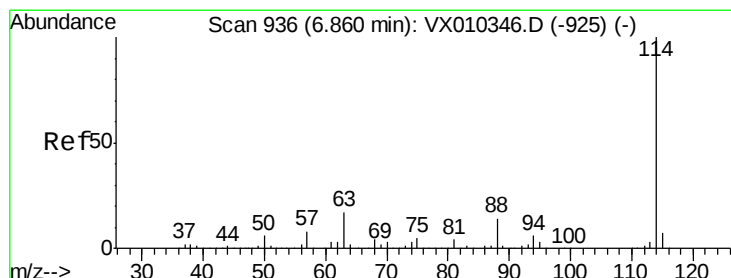
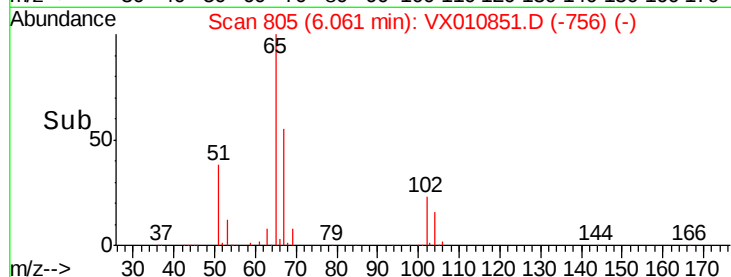
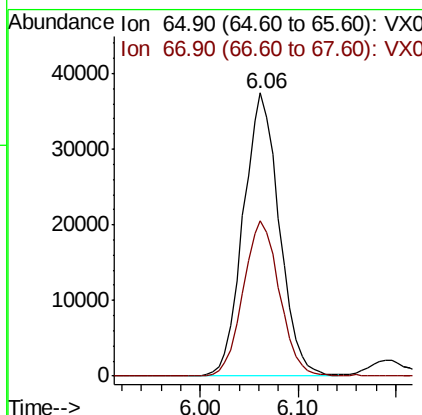
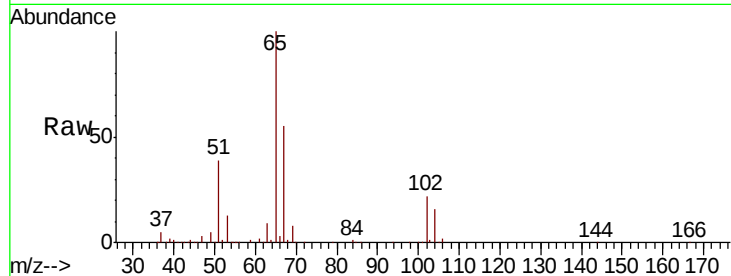




#33
 1,2-Dichloroethane-d4
 Concen: 43.171 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

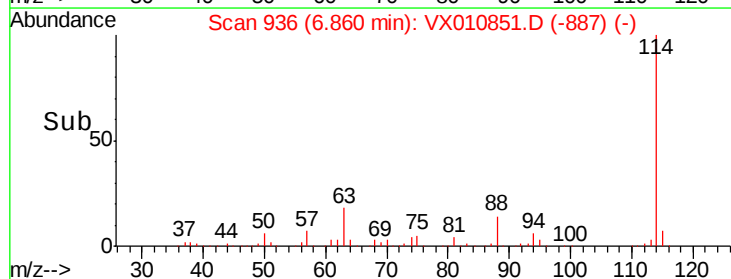
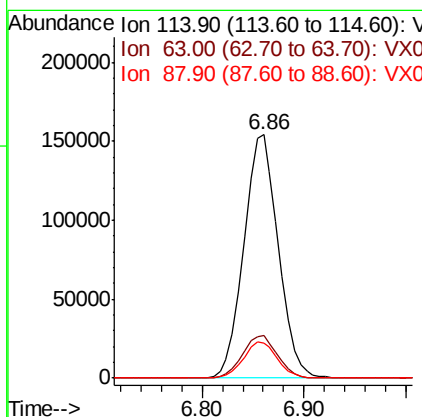
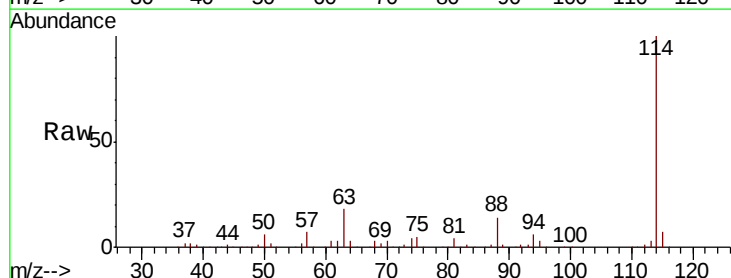
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 95901
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion: 114 Resp: 362096
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.3 0.0 27.6

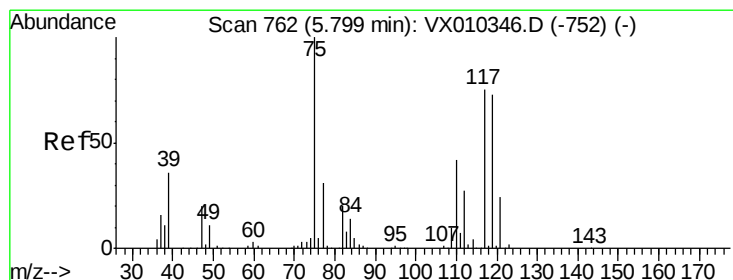
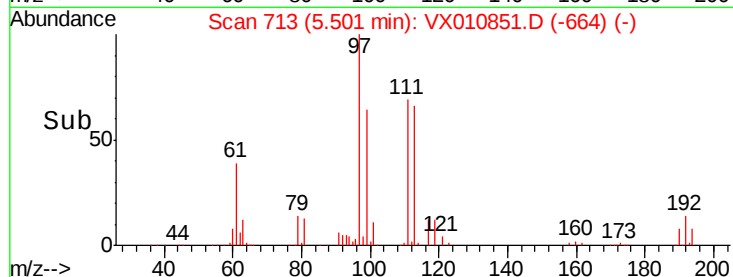
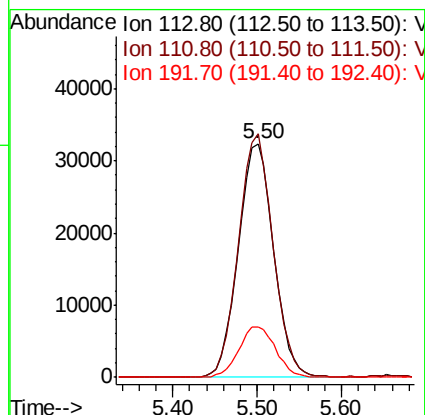
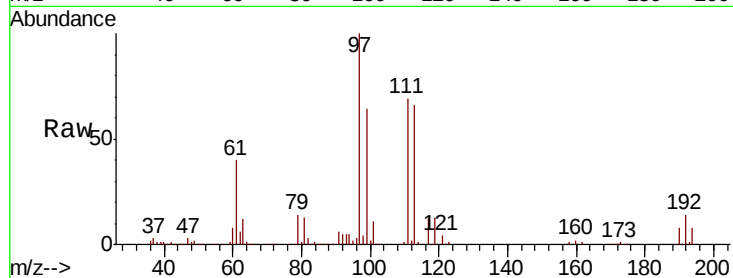




#35
 Dibromofluoromethane
 Concen: 41.477 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

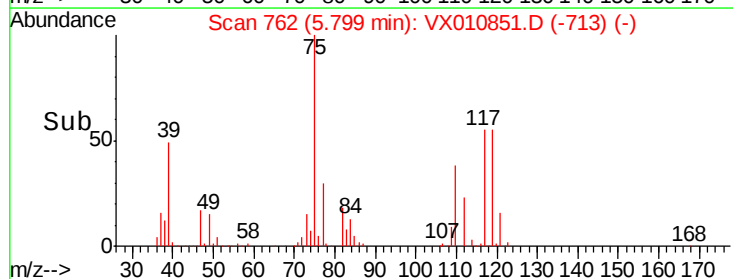
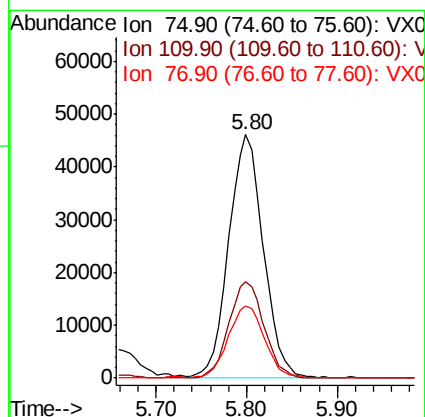
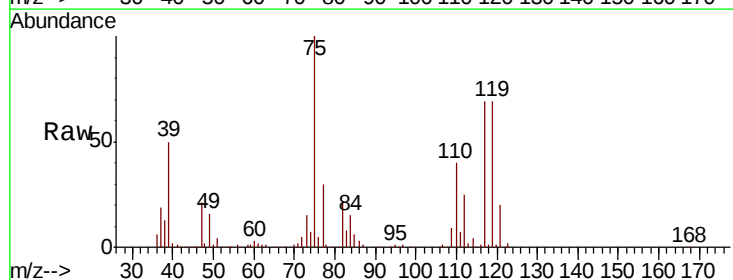
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

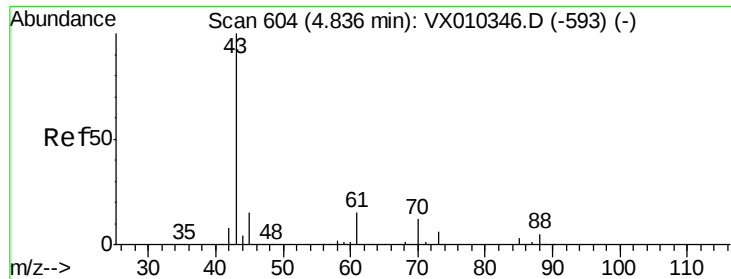
Tot Ion:113 Resp: 91889
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.2 121.8
 192 22.5 18.6 27.8



#36
 1,1-Dichloropropene
 Concen: 42.239 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion: 75 Resp: 121539
 Ion Ratio Lower Upper
 75 100
 110 40.5 20.8 62.2
 77 31.1 25.4 38.0

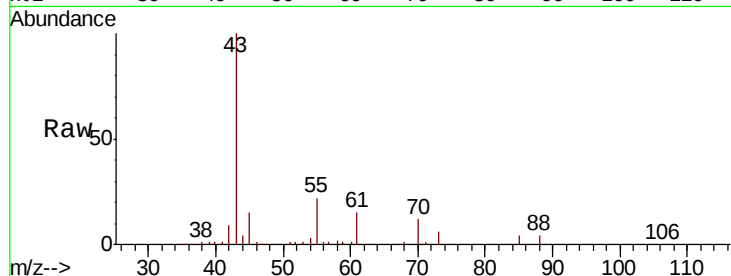




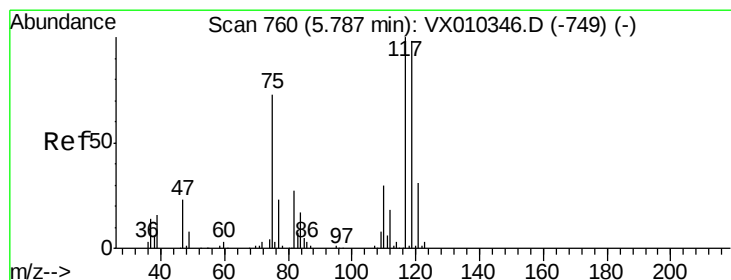
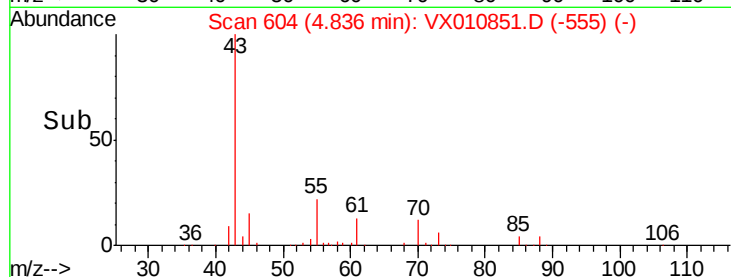
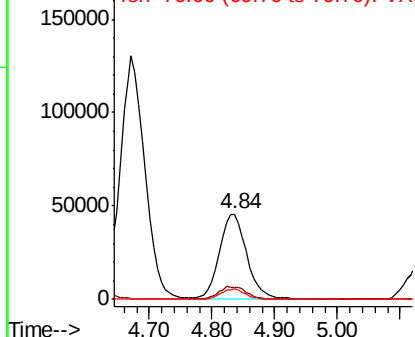
#37
Ethyl Acetate
Concen: 46.522 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 137713
Ion Ratio Lower Upper
43 100
61 15.3 12.4 18.6
70 11.7 9.8 14.8

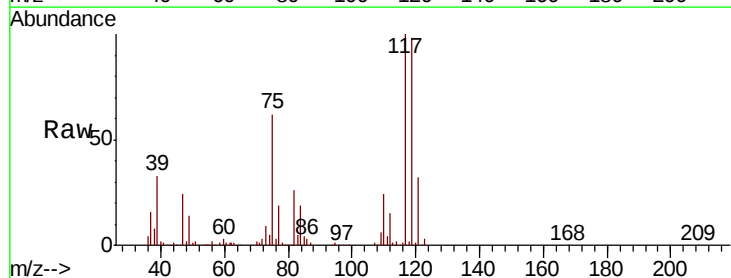


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

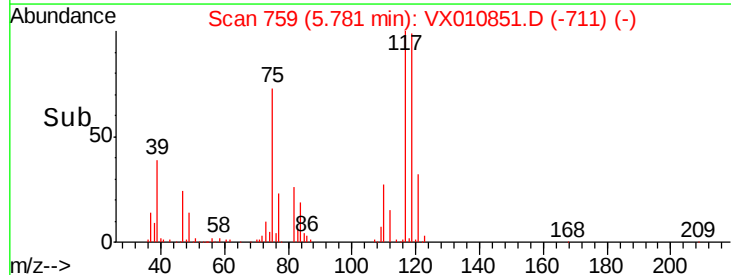
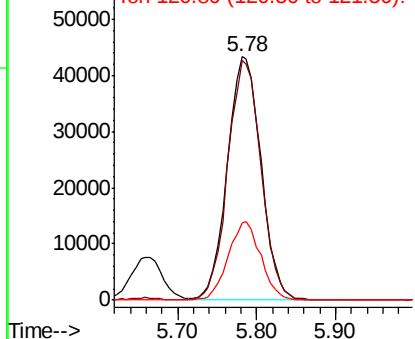


#38
Carbon Tetrachloride
Concen: 41.376 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 117 Resp: 128922
Ion Ratio Lower Upper
117 100
119 98.2 78.2 117.4
121 31.9 24.7 37.1



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

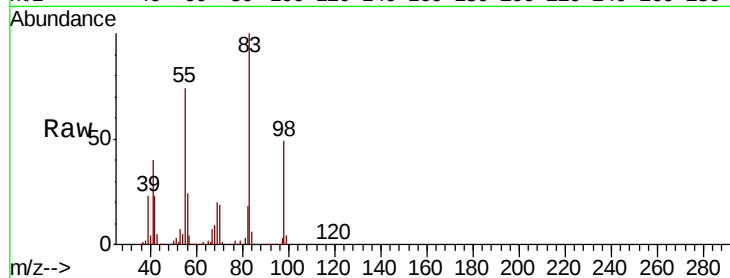




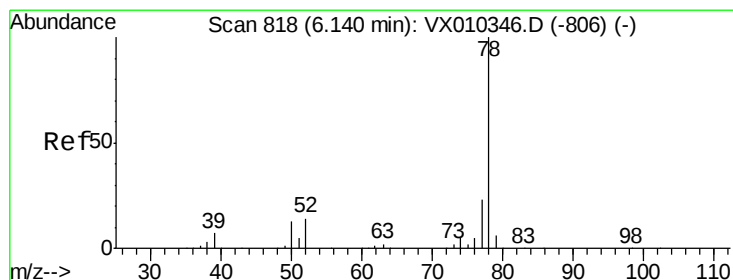
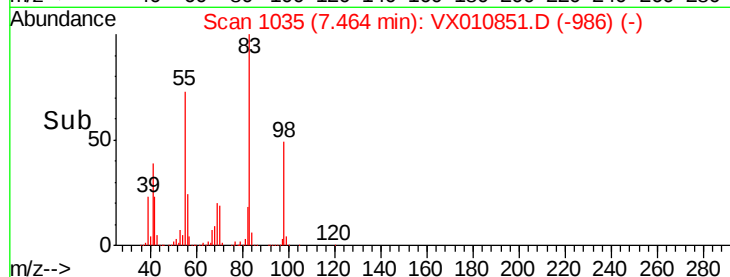
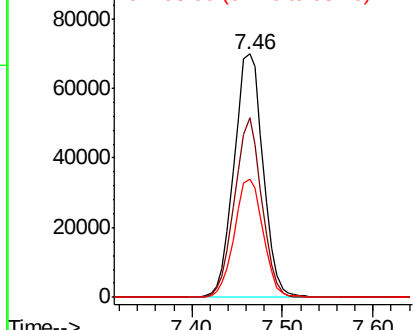
#39
Methvlcvclohexane
Concen: 40.942 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 154856
Ion Ratio Lower Upper
83 100
55 73.5 53.0 79.6
98 48.6 37.8 56.8

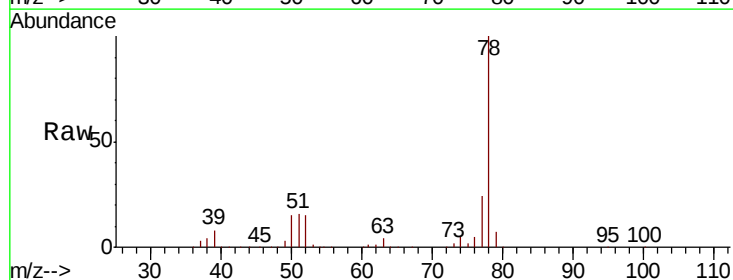


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

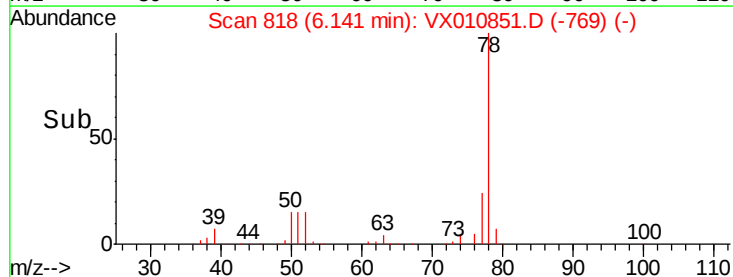
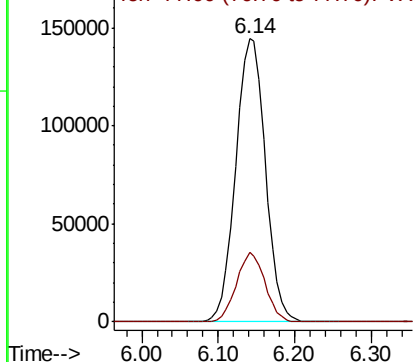


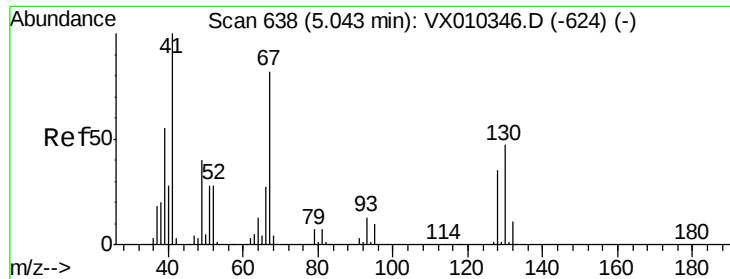
#40
Benzene
Concen: 43.284 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 78 Resp: 388017
Ion Ratio Lower Upper
78 100
77 24.4 18.6 28.0



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

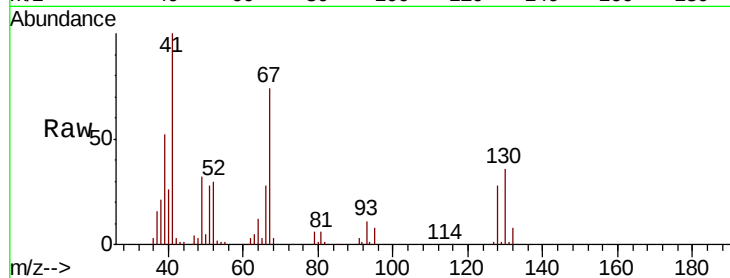




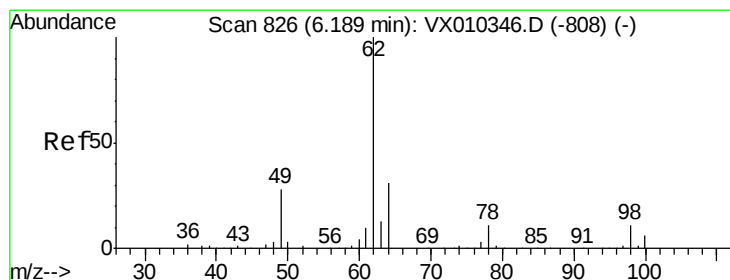
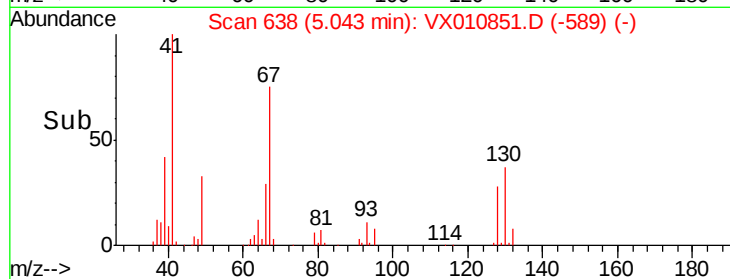
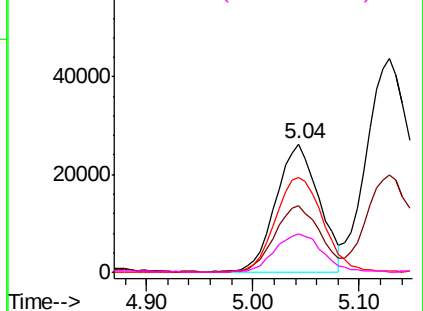
#41
Methacrylonitrile
Concen: 45.013 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	73110
Ion	Ratio	Lower	Upper
41	100		
39	56.1	43.8	65.8
67	82.0	66.6	100.0
52	32.9	24.5	36.7

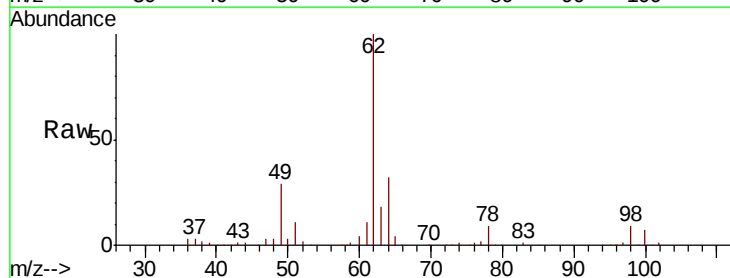


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

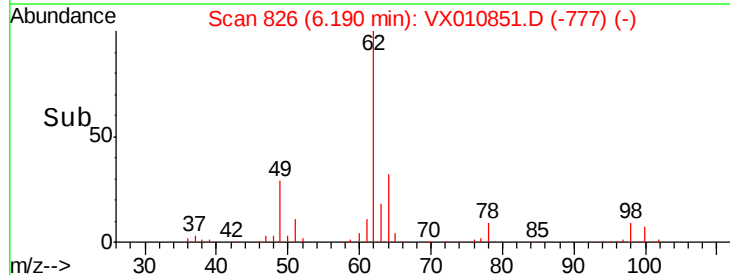
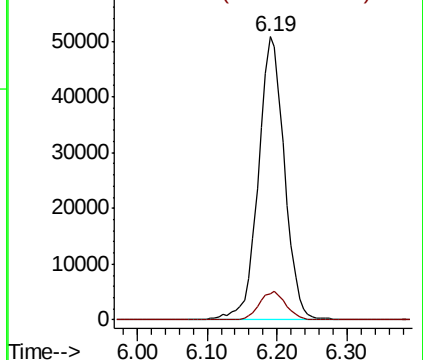


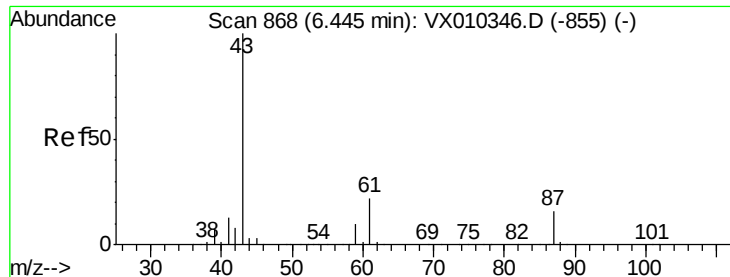
#42
1,2-Dichloroethane
Concen: 48.177 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion:	62	Resp:	131466
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.2



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





#43

Isopropyl Acetate

Concen: 44.840 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

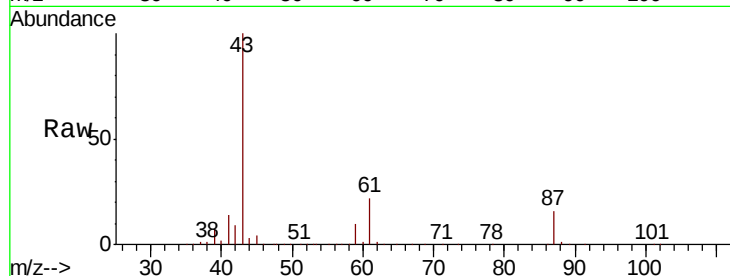
Tot Ion: 43 Resp: 219608

Ion Ratio Lower Upper

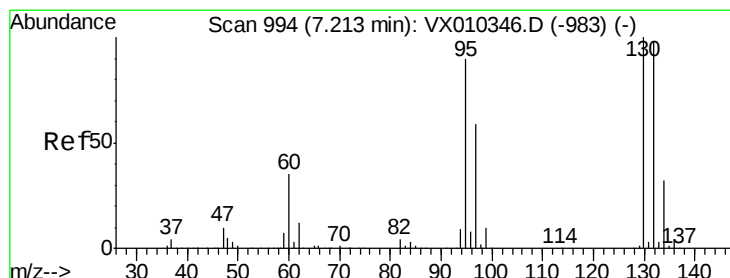
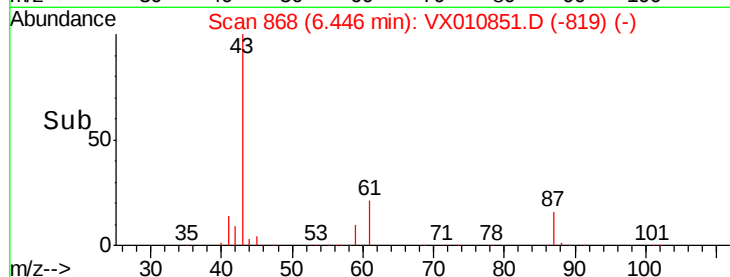
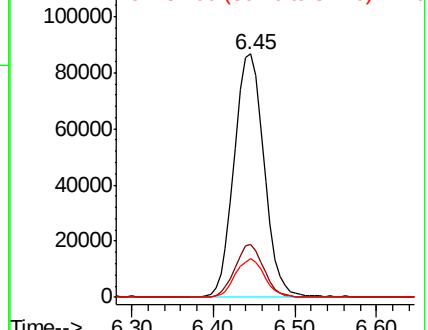
43 100

61 21.1 17.8 26.6

87 15.4 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 41.831 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010851.D

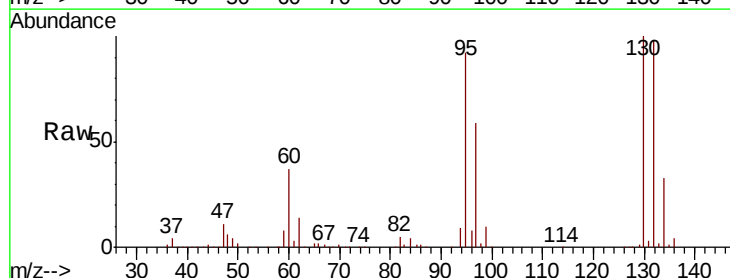
Acq: 12 Jul 2019 21:29

Tgt Ion:130 Resp: 112207

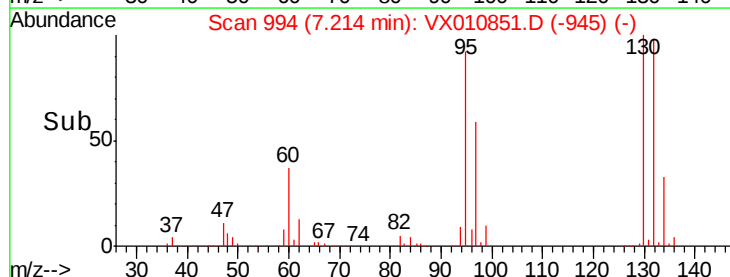
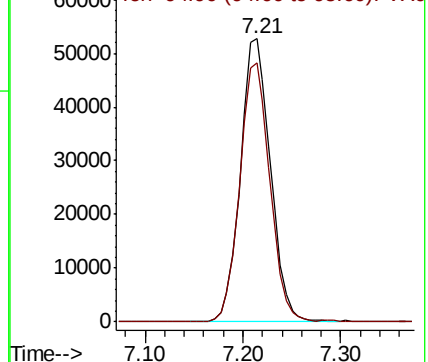
Ion Ratio Lower Upper

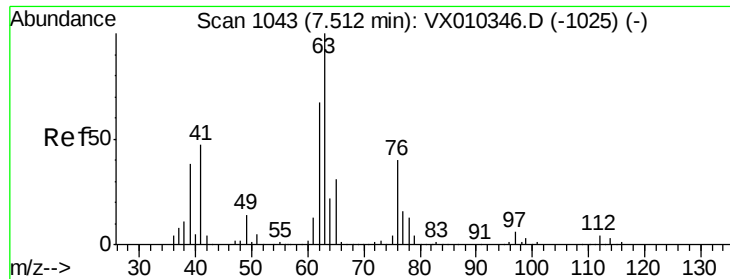
130 100

95 91.6 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 44.069 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

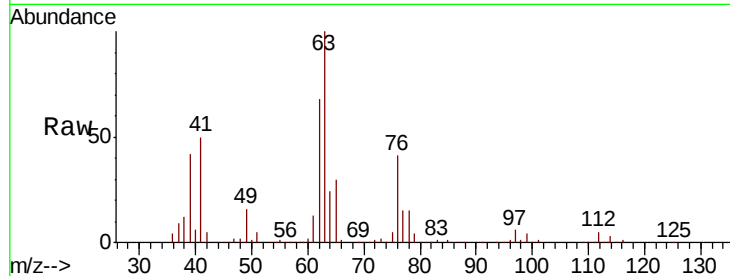
VSTDCCC050

Tot Ion: 63 Resp: 99764

Ion Ratio Lower Upper

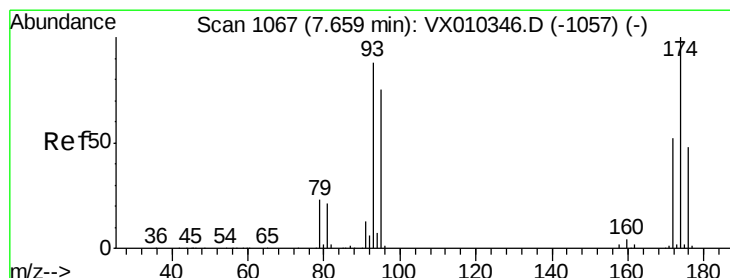
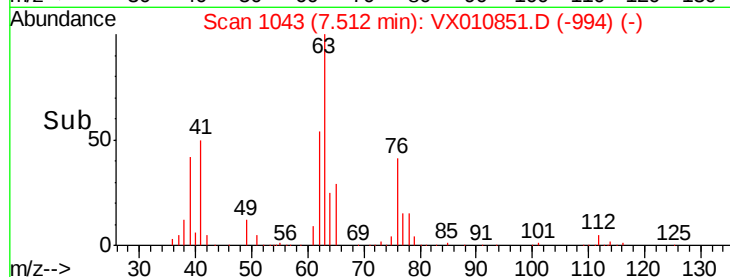
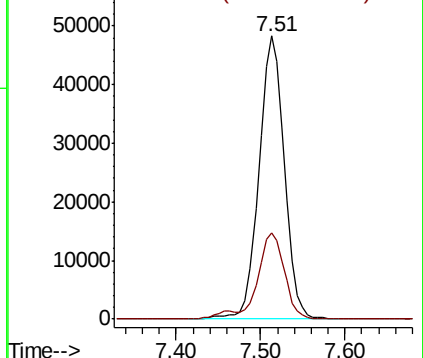
63 100

65 30.5 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 44.624 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

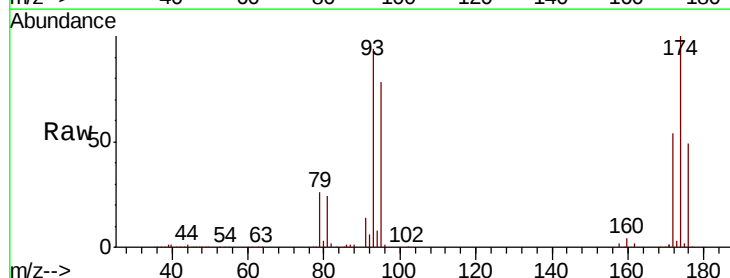
Tgt Ion: 93 Resp: 72479

Ion Ratio Lower Upper

93 100

95 82.3 67.5 101.3

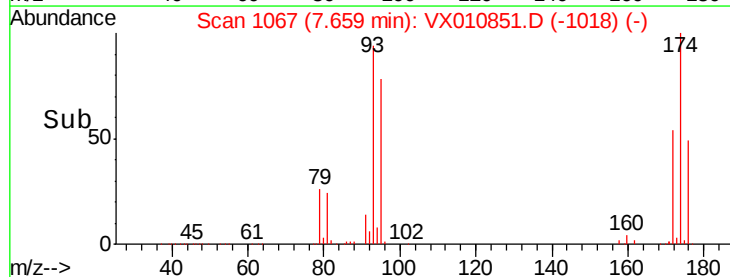
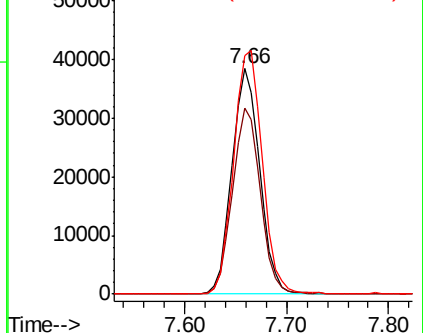
174 111.5 95.8 143.6

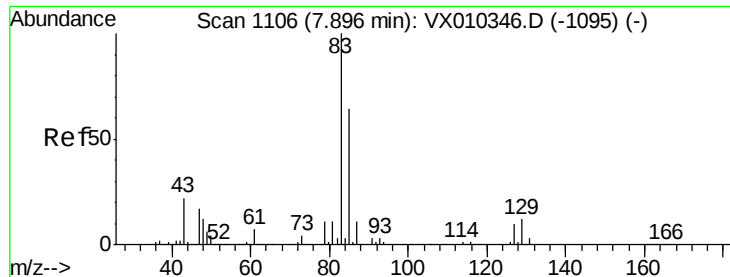


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 43.232 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

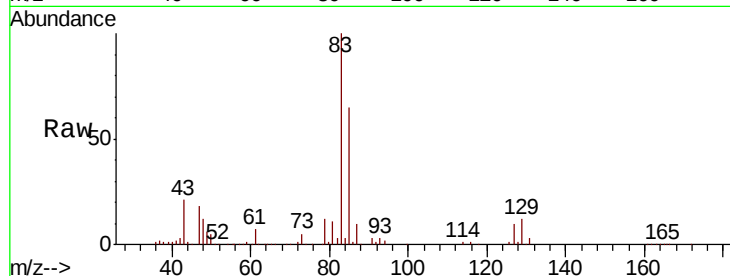
Tot Ion: 83 Resp: 128682

Ion Ratio Lower Upper

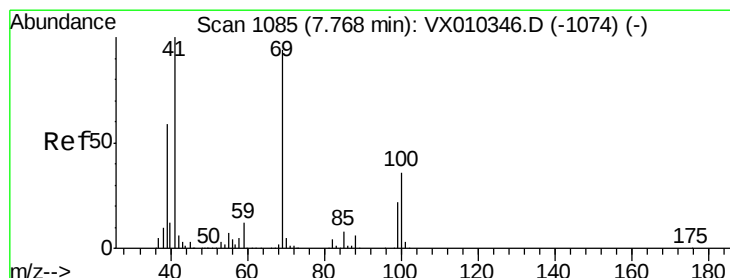
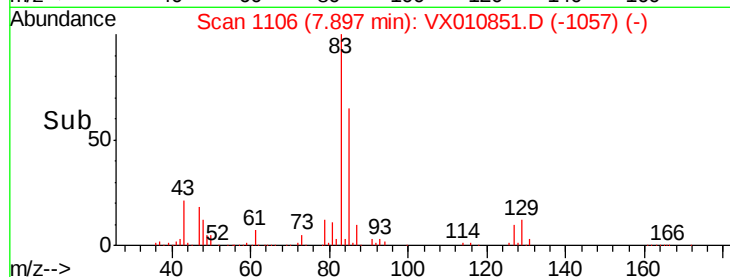
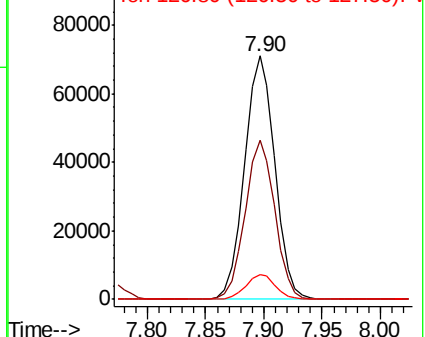
83 100

85 65.4 51.5 77.3

127 9.9 7.8 11.8



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: 46.814 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

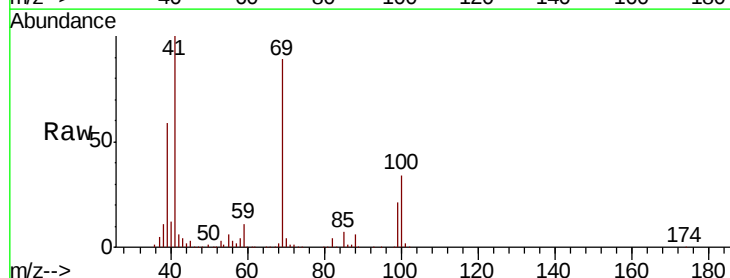
Tgt Ion: 41 Resp: 106569

Ion Ratio Lower Upper

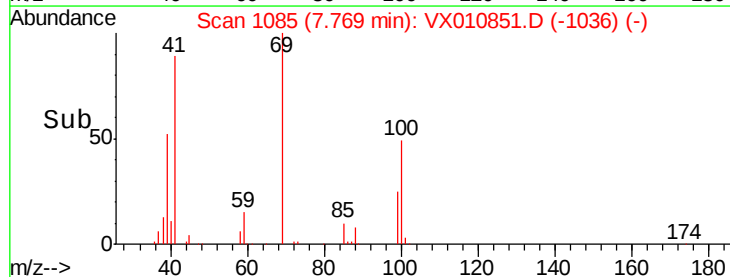
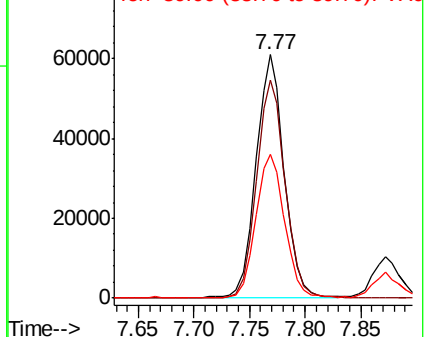
41 100

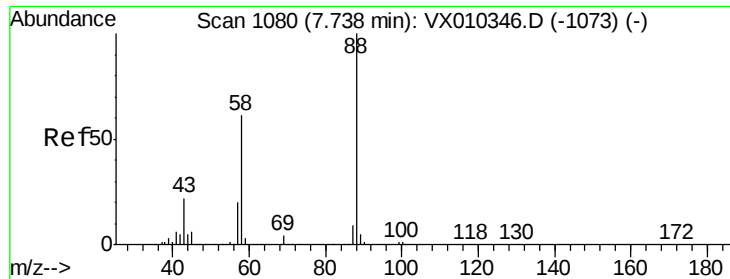
69 91.8 76.1 114.1

39 60.6 47.6 71.4



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

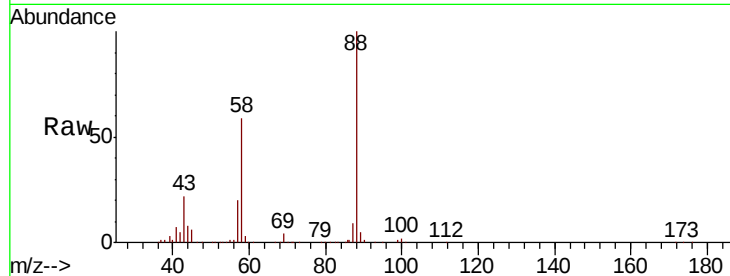




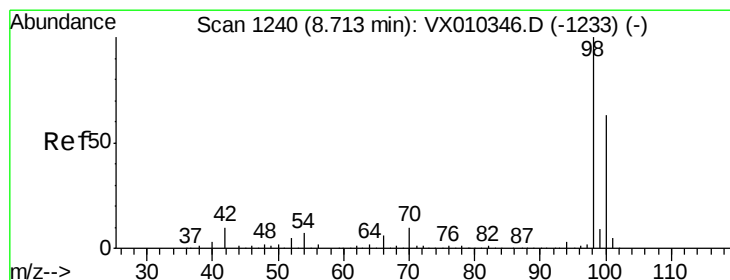
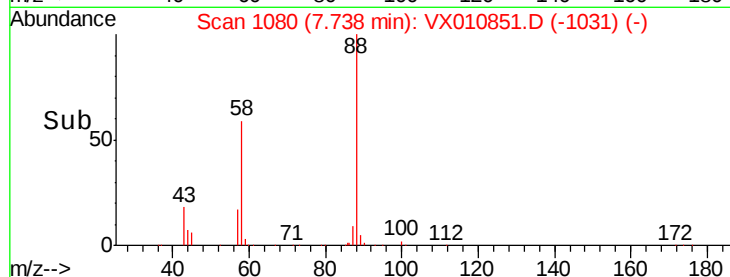
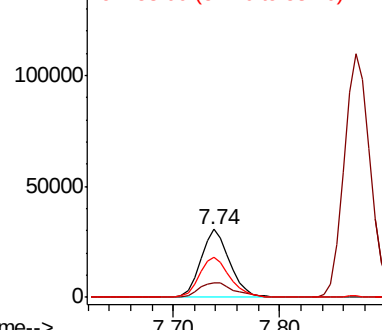
#49
1,4-Dioxane
Concen: 876.795 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 57499
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.2
58 63.3 49.5 74.3

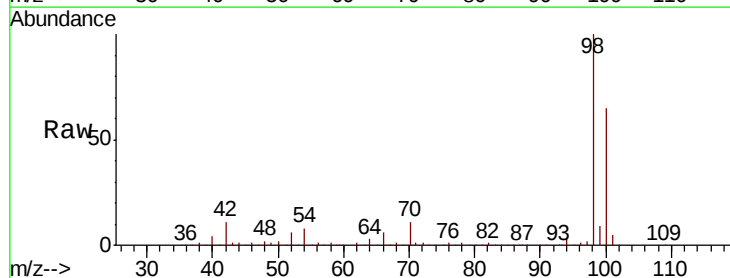


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

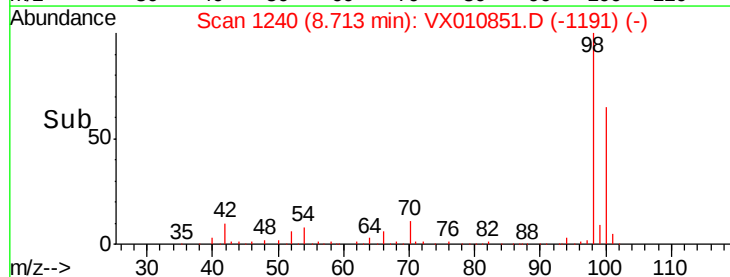
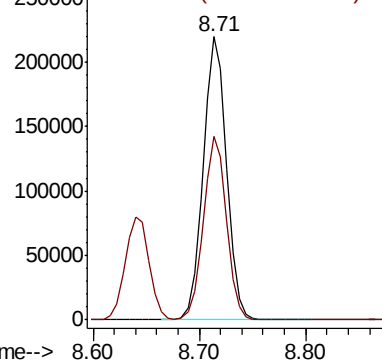


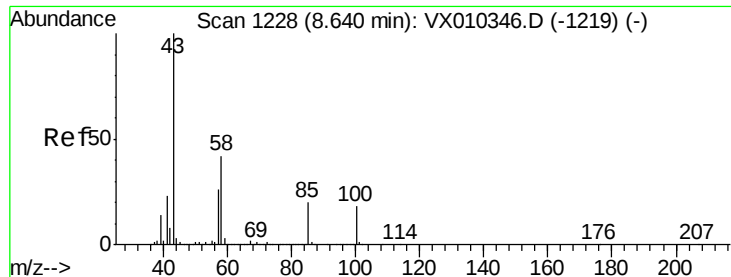
#50
Toluene-d8
Concen: 39.706 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 98 Resp: 336538
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



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

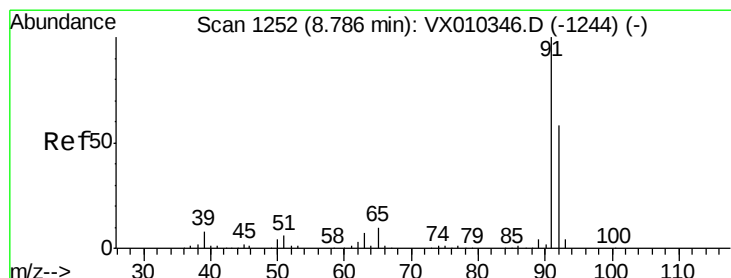
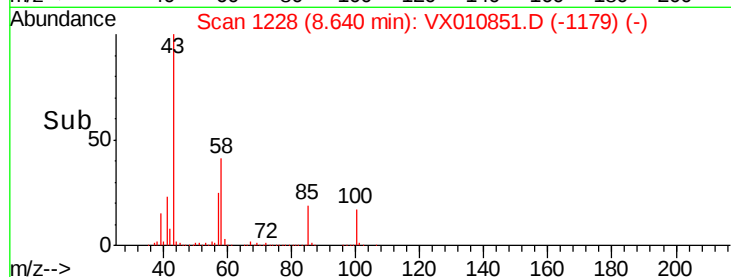
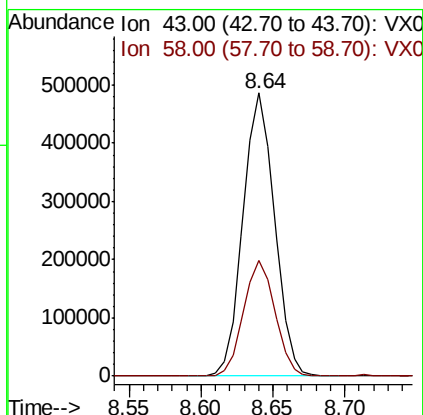
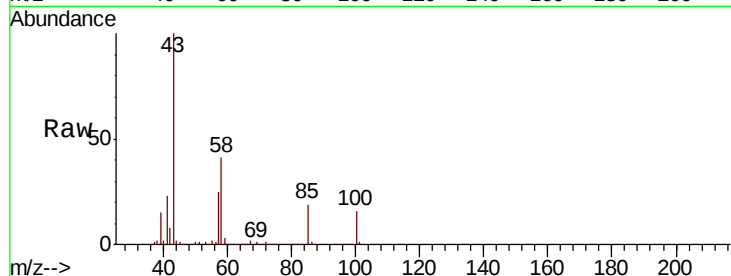




#51
 4-Methyl-2-Pentanone
 Concen: 236.348 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

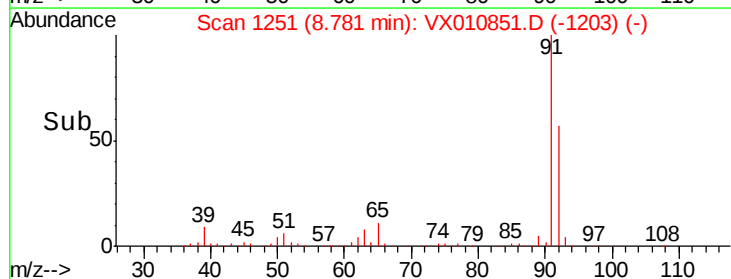
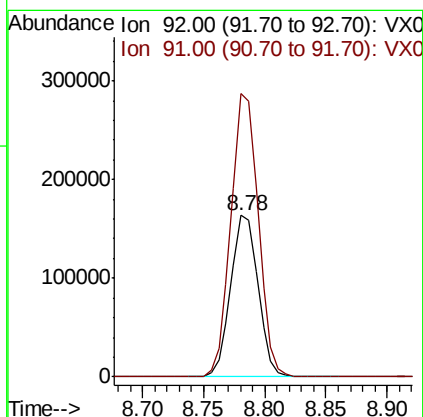
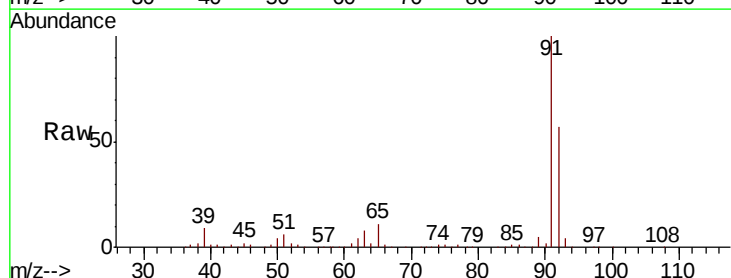
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

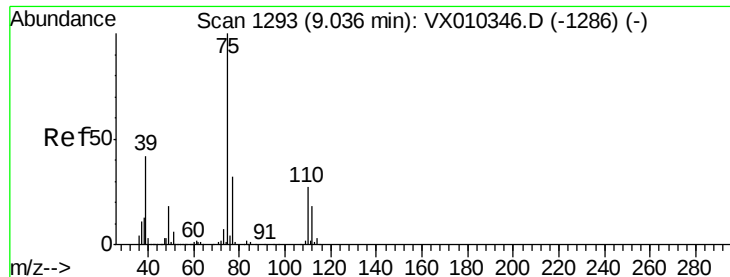
Tot Ion: 43 Resp: 740309
 Ion Ratio Lower Upper
 43 100
 58 40.6 33.5 50.3



#52
 Toluene
 Concen: 43.016 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion: 92 Resp: 253941
 Ion Ratio Lower Upper
 92 100
 91 175.3 139.8 209.6

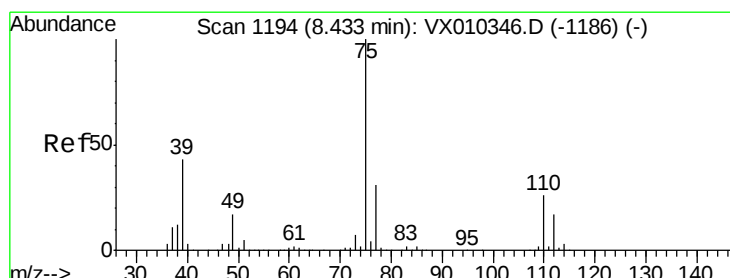
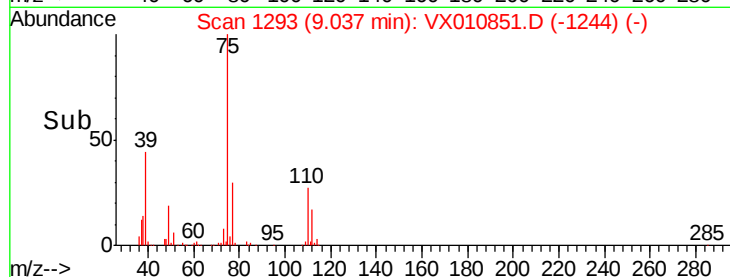
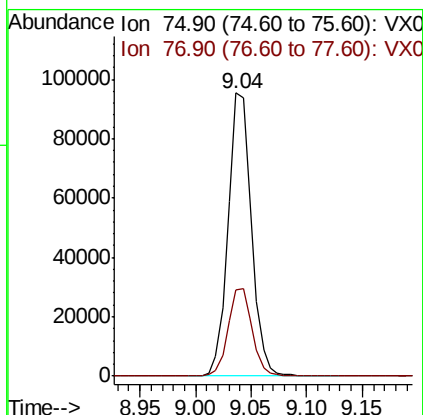
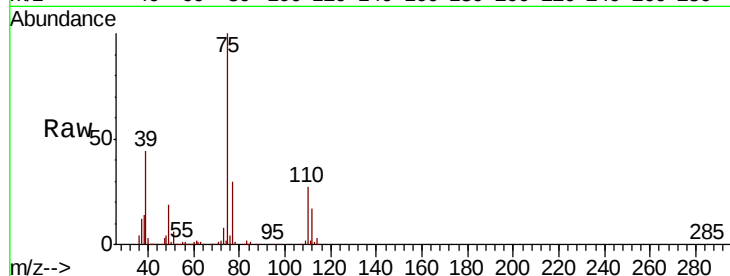




#53
t-1,3-Dichloropropene
Concen: 41.446 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

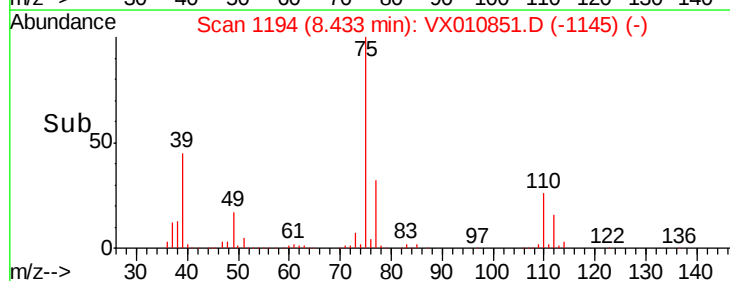
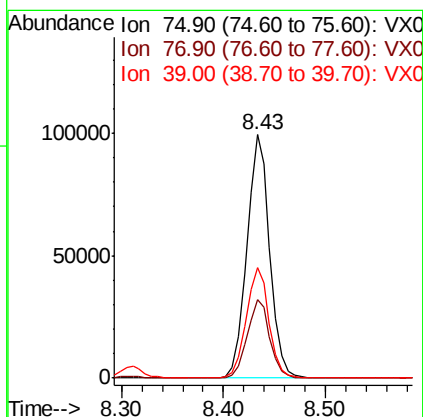
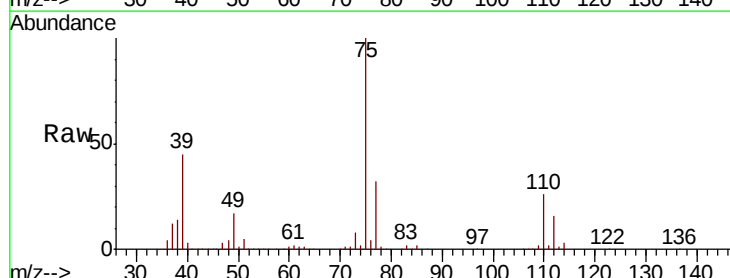
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

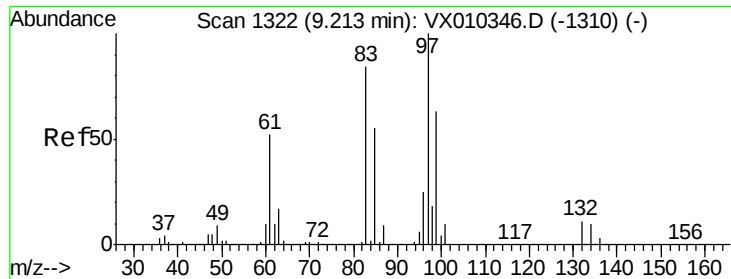
Tot Ion: 75 Resp: 138313
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 42.304 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 75 Resp: 153418
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 45.0 34.5 51.7

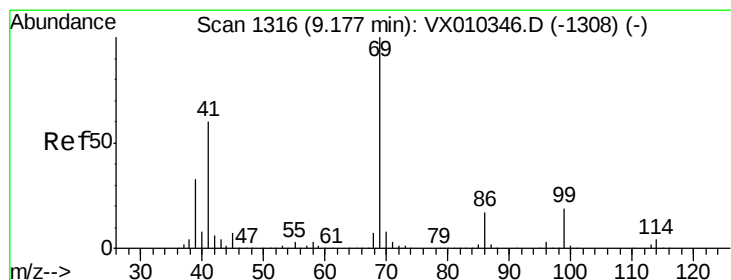
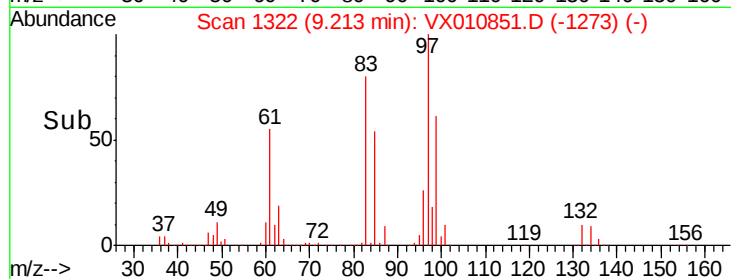
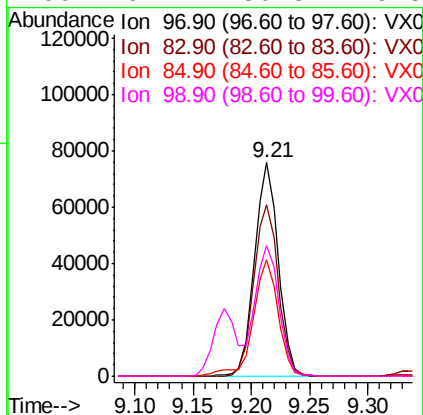
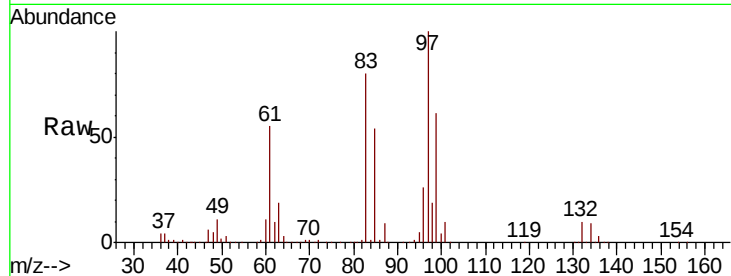




#55
 1,1,2-Trichloroethane
 Concen: 44.522 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

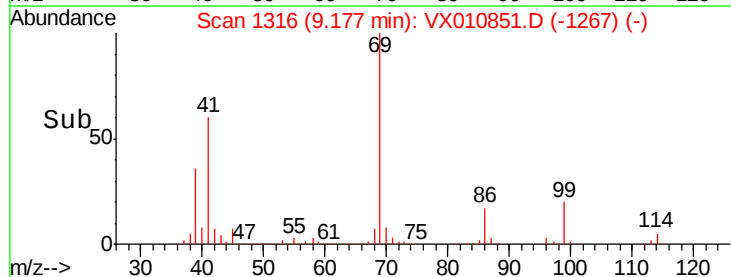
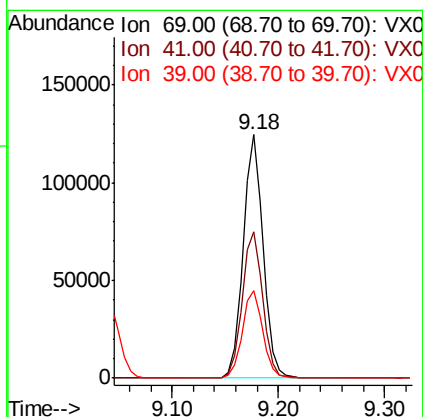
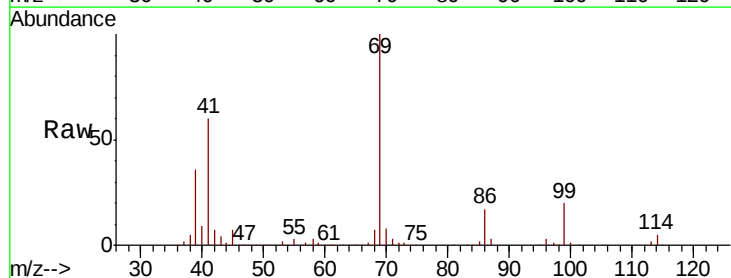
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

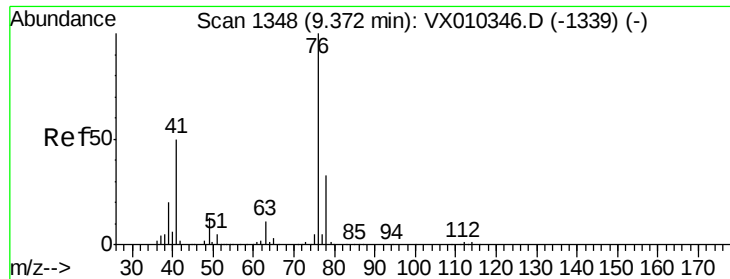
Tot Ion	Ratio	Lower	Upper
97	100		
83	80.1	67.4	101.0
85	54.3	43.8	65.8
99	61.1	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 44.306 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.1	70.7
39	36.5	26.6	40.0





#57

1,3-Dichloropropane

Concen: 44.693 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

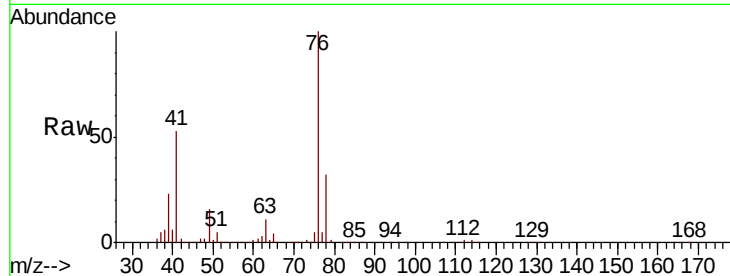
VSTDCCC050

Tot Ion: 76 Resp: 168911

Ion Ratio Lower Upper

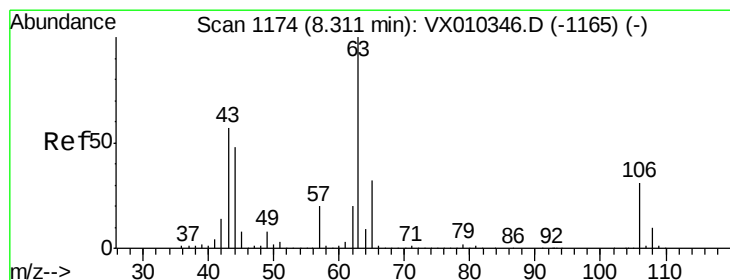
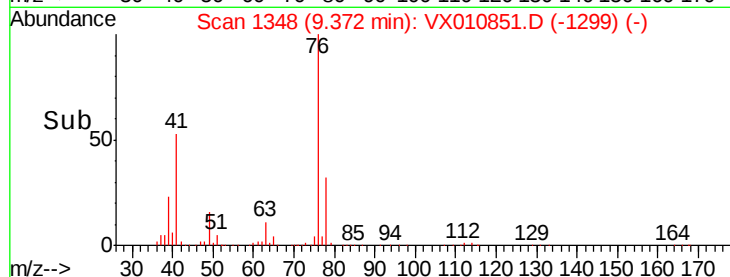
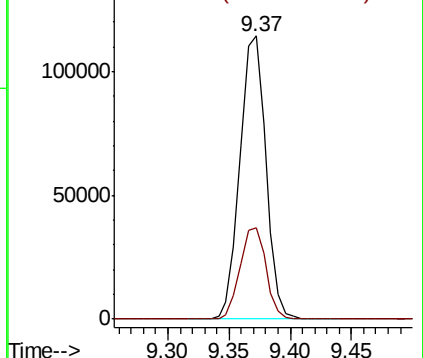
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 198.204 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010851.D

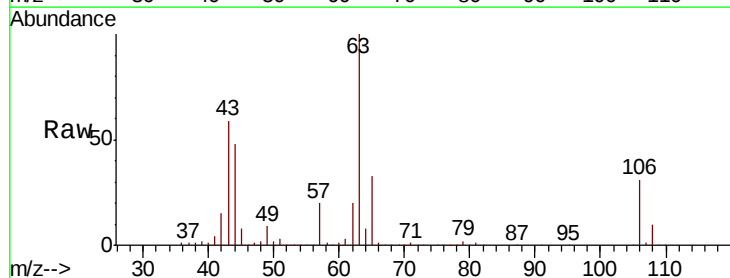
Acq: 12 Jul 2019 21:29

Tgt Ion: 63 Resp: 347185

Ion Ratio Lower Upper

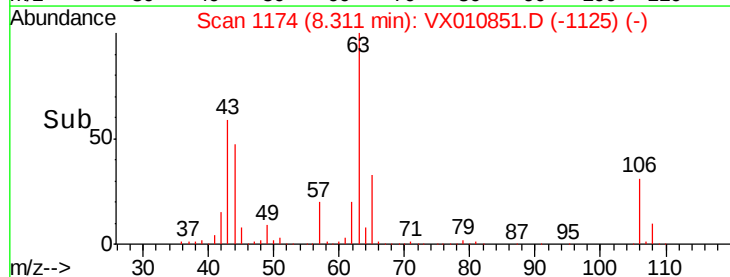
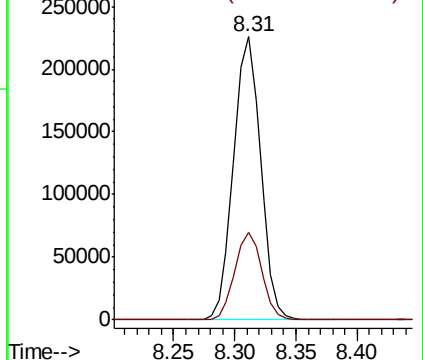
63 100

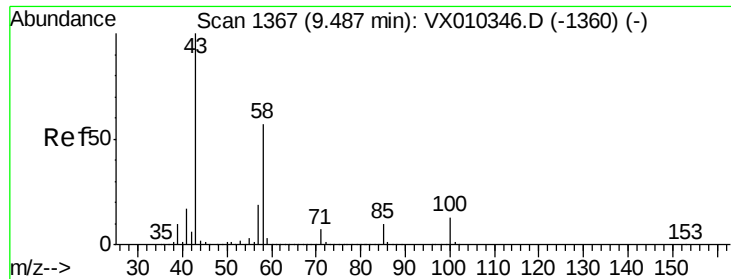
106 30.6 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

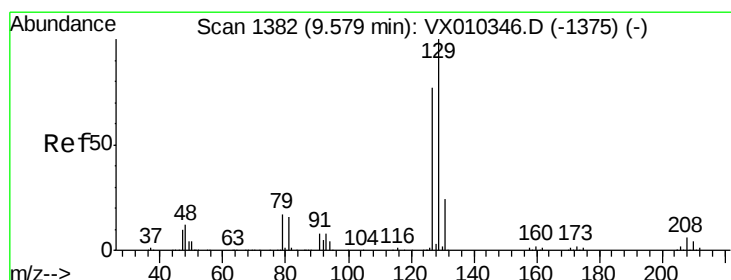
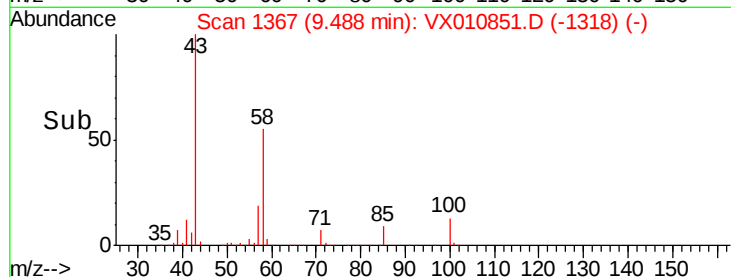
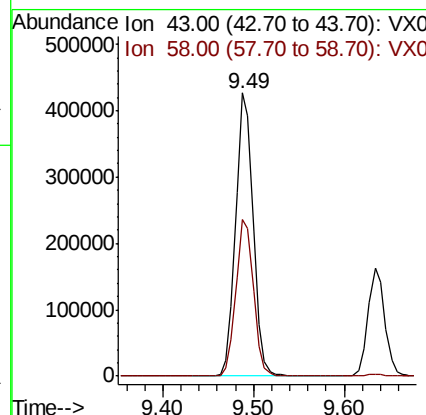
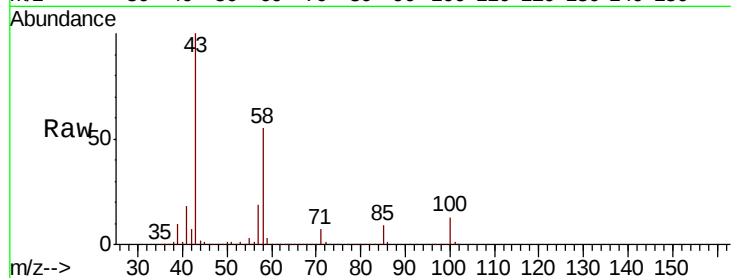




#59
2-Hexanone
Concen: 232.091 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

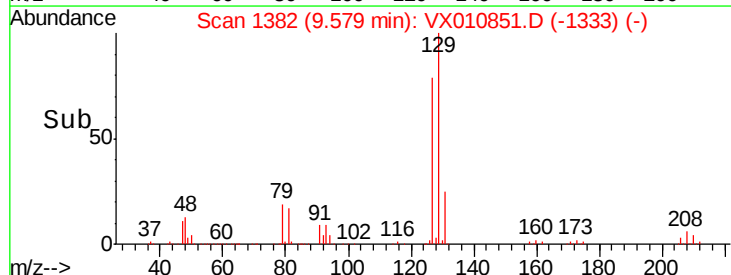
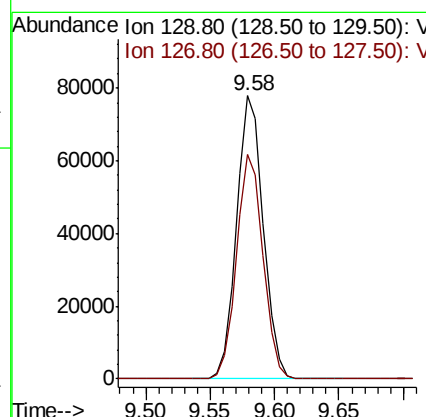
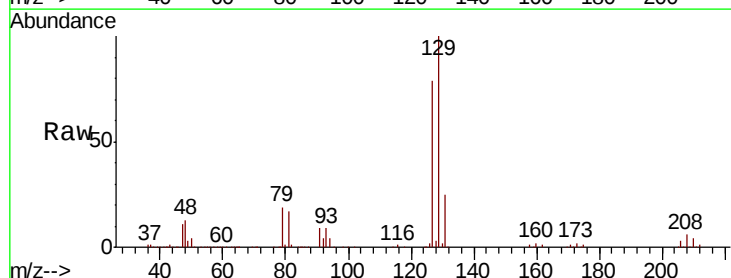
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

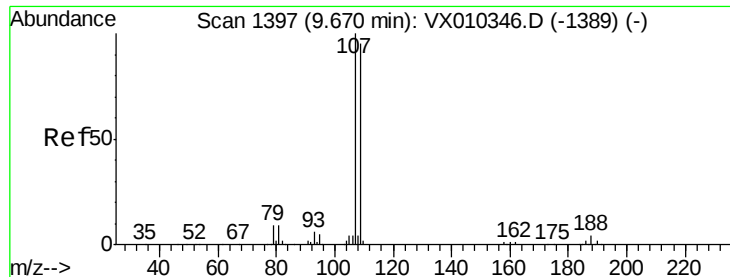
Tot Ion: 43 Resp: 572154
Ion Ratio Lower Upper
43 100
58 55.8 29.0 87.1



#60
Dibromochloromethane
Concen: 41.343 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 129 Resp: 112705
Ion Ratio Lower Upper
129 100
127 78.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 43.990 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

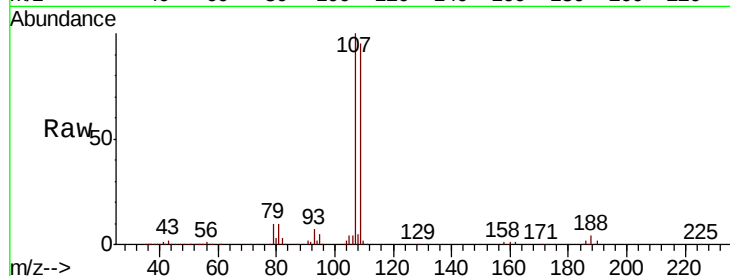
VSTDCCC050

Tot Ion:107 Resp: 115605

Ion Ratio Lower Upper

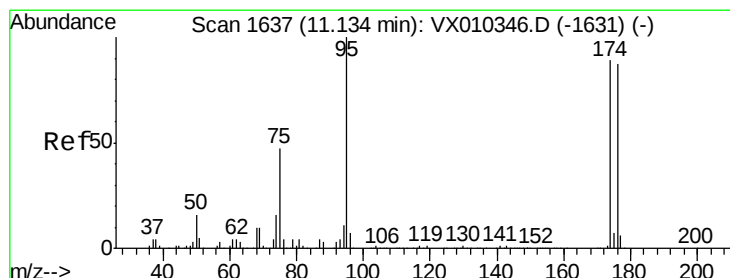
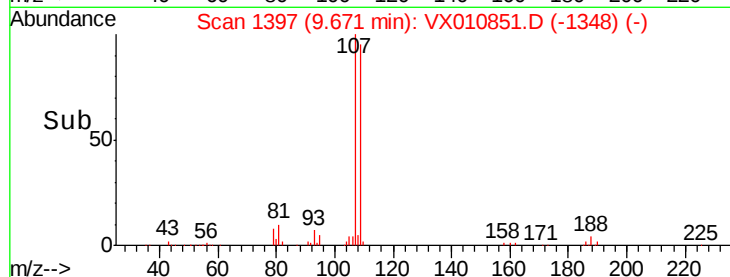
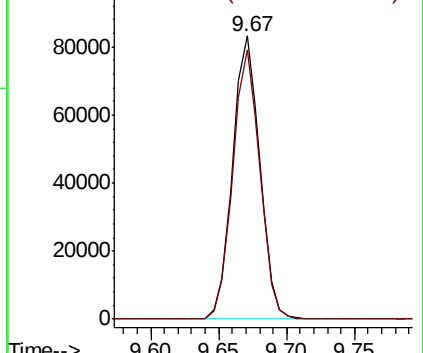
107 100

109 95.0 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.551 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

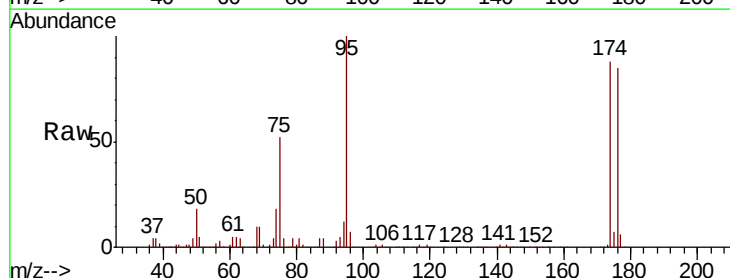
Tgt Ion: 95 Resp: 127146

Ion Ratio Lower Upper

95 100

174 93.1 0.0 187.6

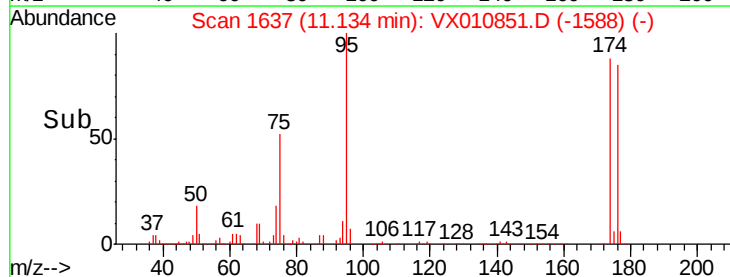
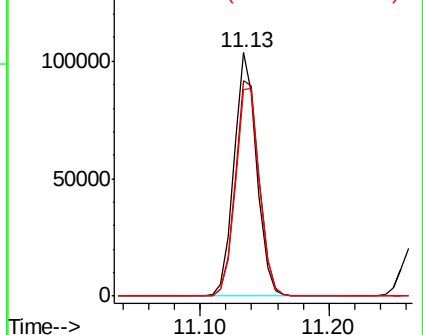
176 90.3 0.0 184.0

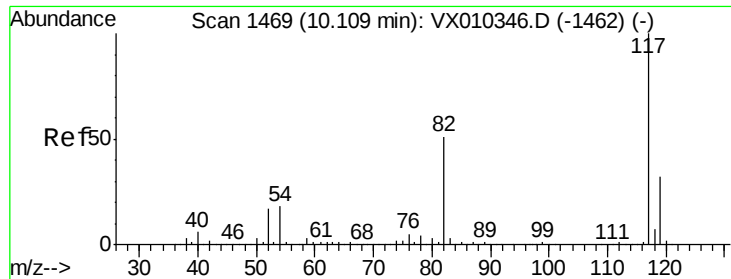


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

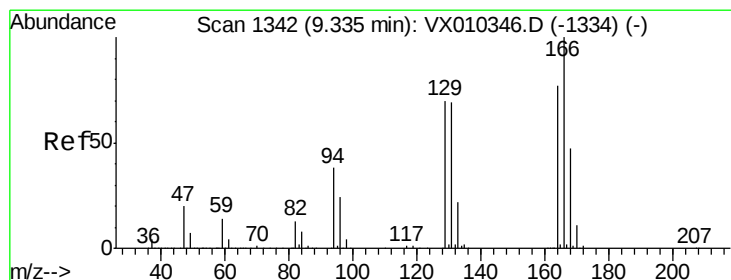
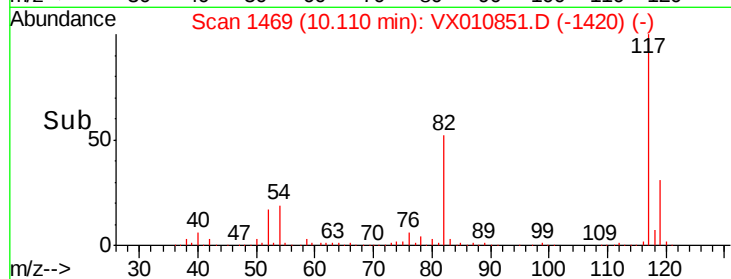
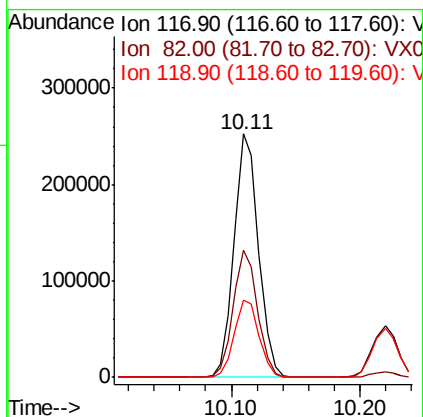
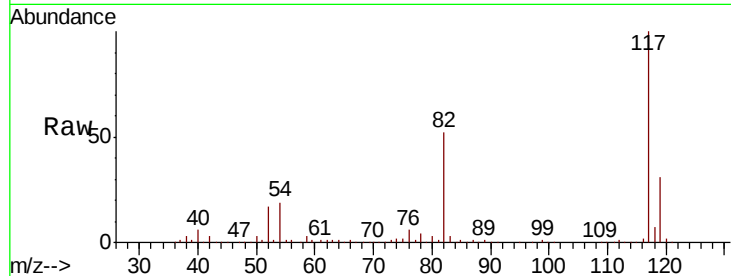




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

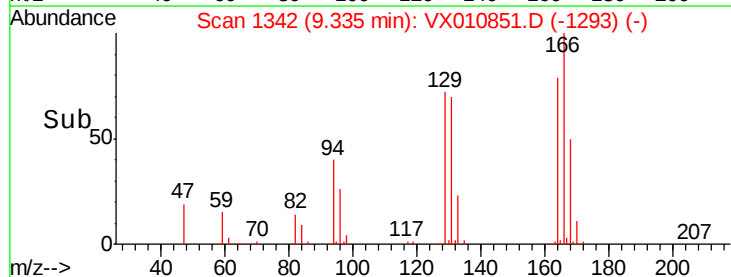
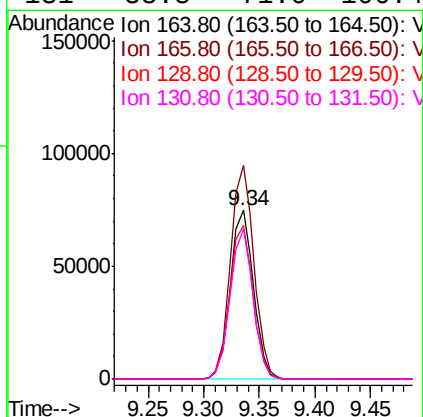
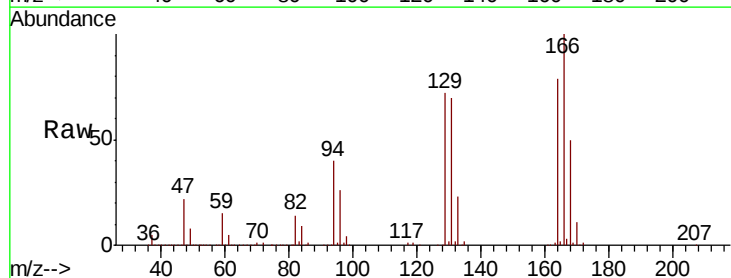
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

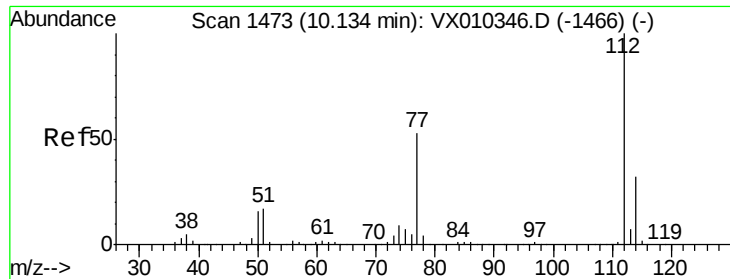
Tot Ion:117 Resp: 335288
Ion Ratio Lower Upper
117 100
82 52.4 41.2 61.8
119 31.5 25.5 38.3



#64
Tetrachloroethene
Concen: 39.720 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion:164 Resp: 107717
Ion Ratio Lower Upper
164 100
166 126.8 103.6 155.4
129 91.2 73.0 109.4
131 88.8 71.0 106.4

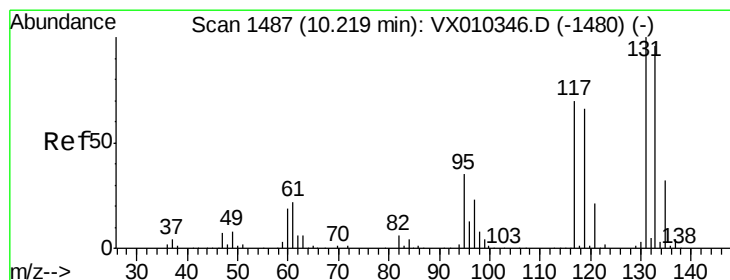
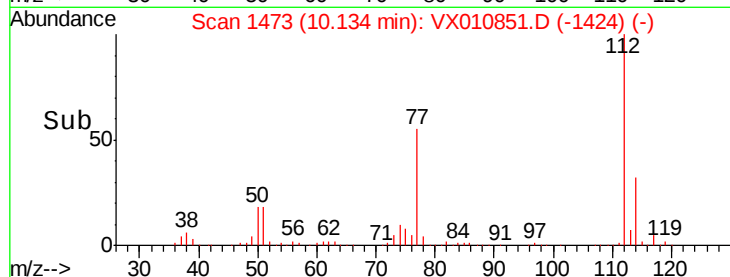
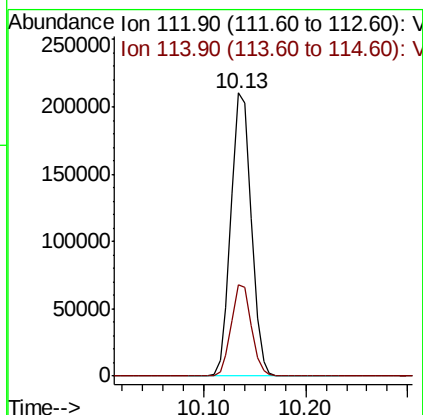
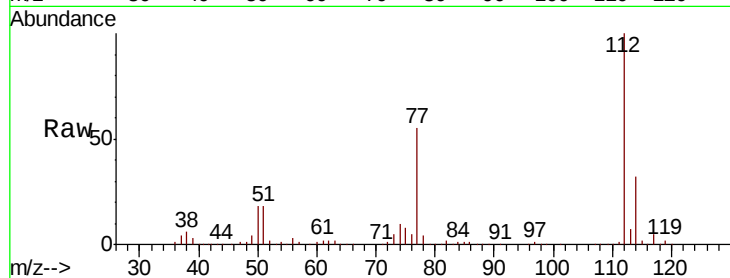




#65
Chlorobenzene
Concen: 42.491 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

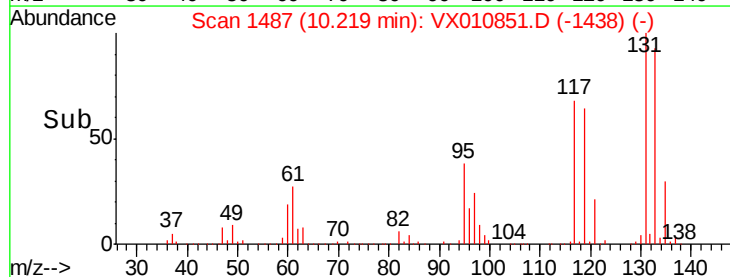
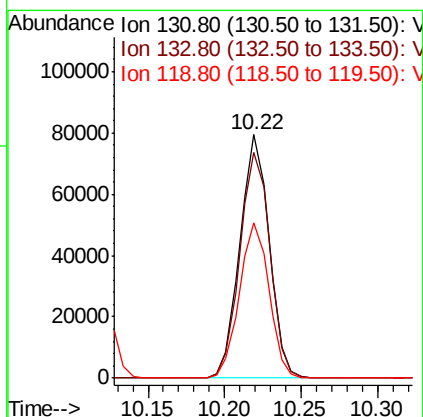
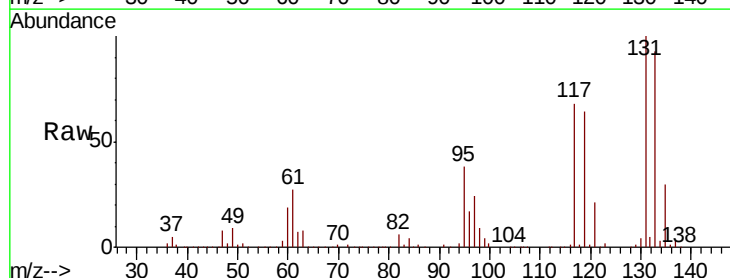
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

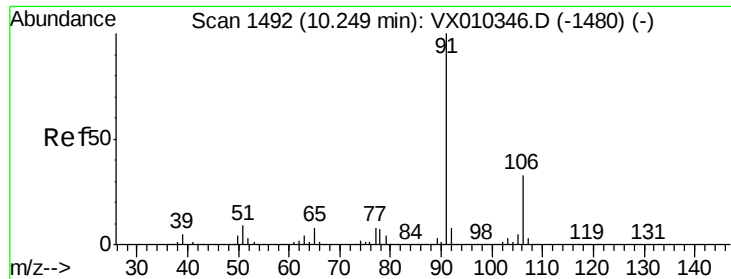
Tot Ion:112 Resp: 289236
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 42.583 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion:131 Resp: 105584
Ion Ratio Lower Upper
131 100
133 95.5 47.7 143.1
119 64.9 32.6 97.7

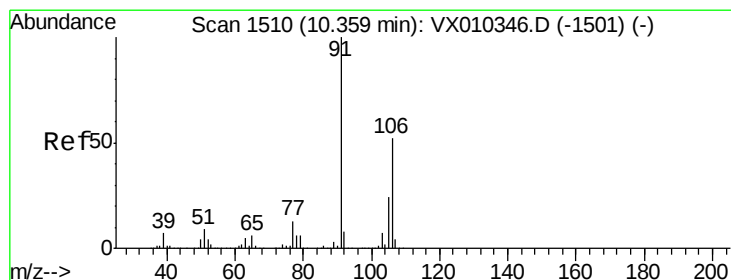
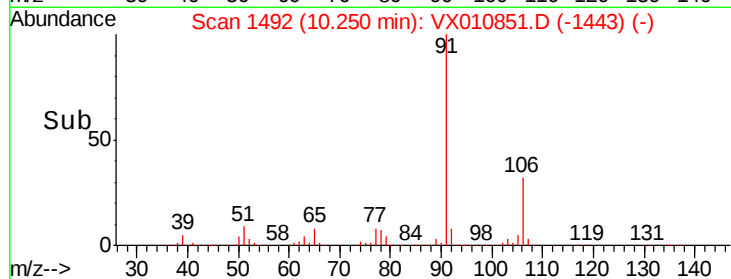
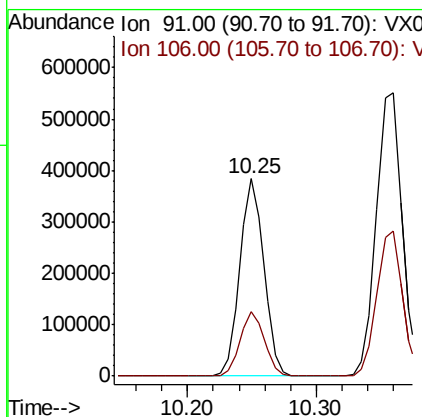
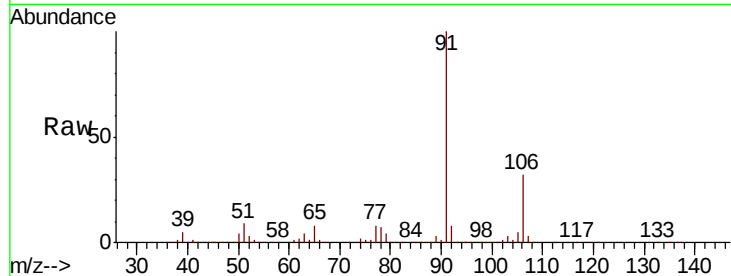




#67
Ethyl Benzene
Concen: 43.263 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

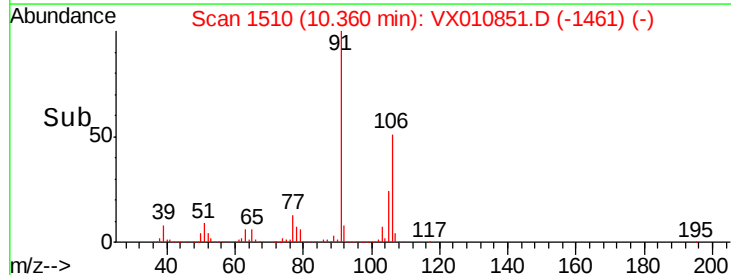
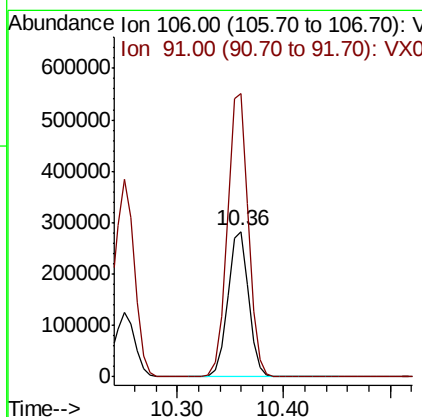
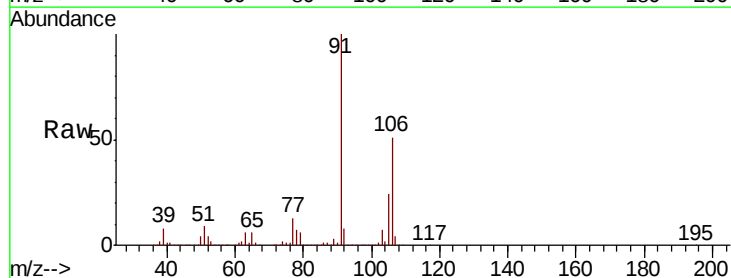
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

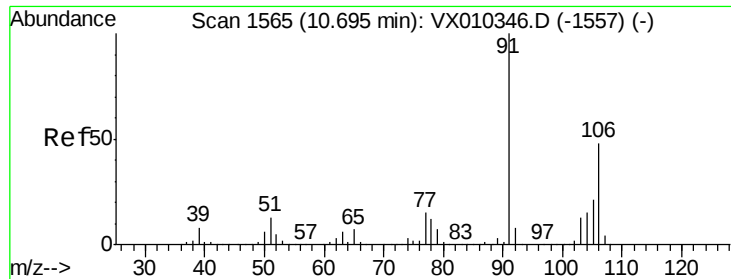
Tot Ion: 91 Resp: 497169
Ion Ratio Lower Upper
91 100
106 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 86.658 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 106 Resp: 385864
Ion Ratio Lower Upper
106 100
91 196.5 155.3 232.9

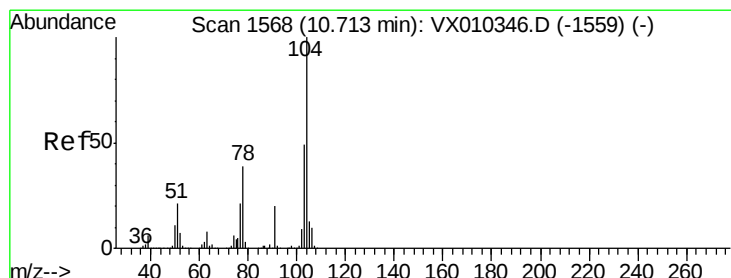
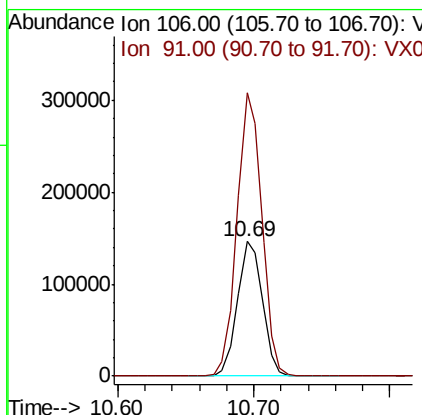
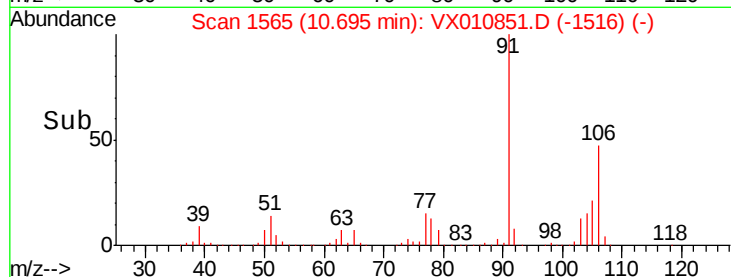
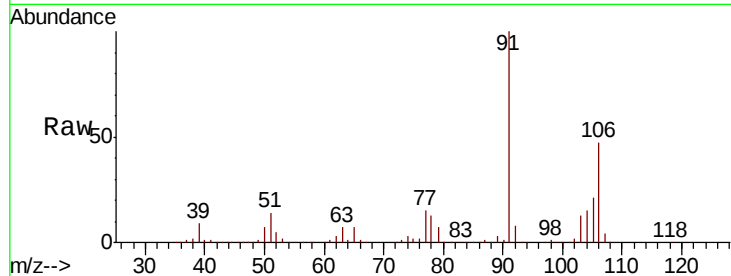




#69
o-Xylene
Concen: 42.947 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

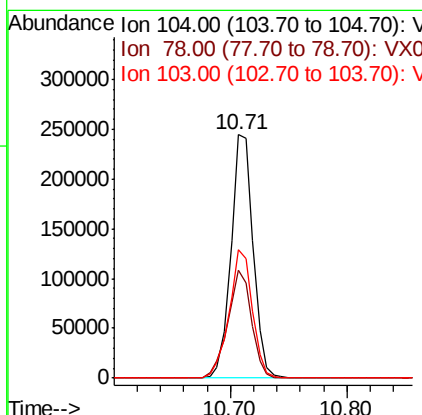
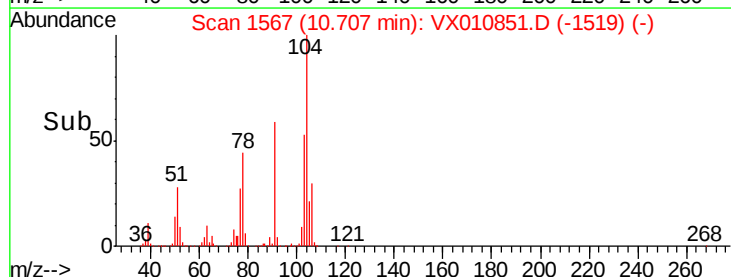
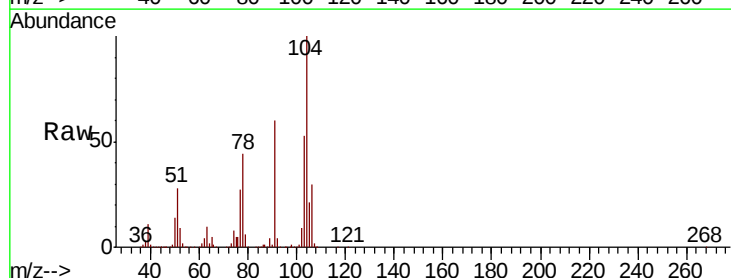
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 188058
Ion Ratio Lower Upper
106 100
91 208.5 102.7 308.1



#70
Styrene
Concen: 44.228 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion:104 Resp: 324792
Ion Ratio Lower Upper
104 100
78 47.3 36.2 54.2
103 55.3 44.2 66.4





#71

Bromoform

Concen: 40.252 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

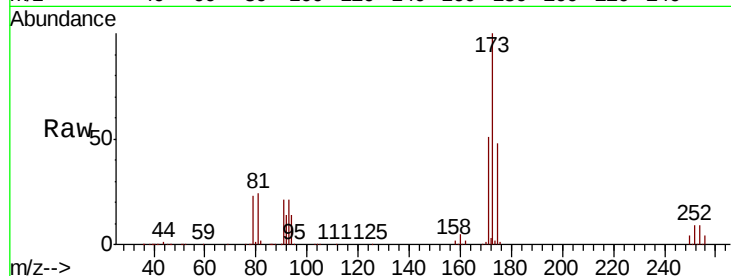
Tot Ion:173 Resp: 86791

Ion Ratio Lower Upper

173 100

175 48.7 24.1 72.3

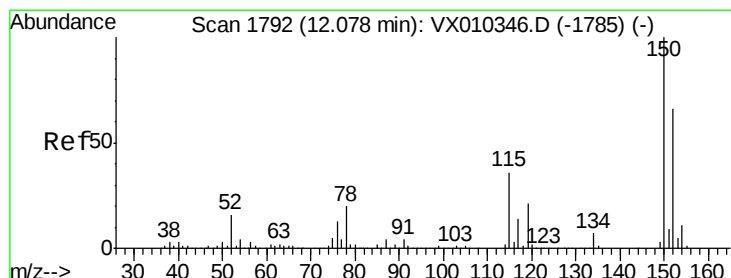
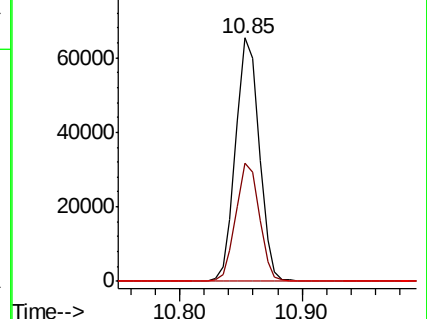
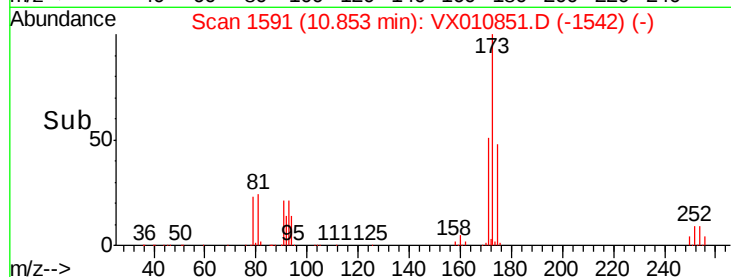
254 0.1 0.2 0.2#



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: VX010851.D

Acq: 12 Jul 2019 21:29

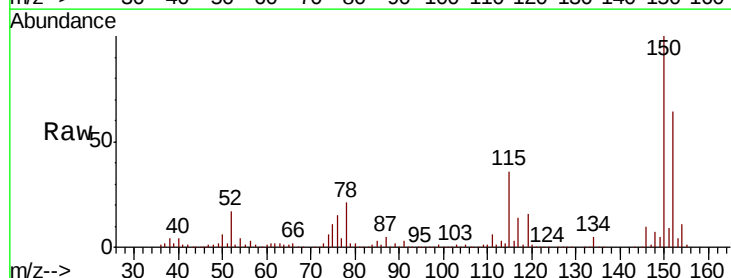
Tgt Ion:152 Resp: 175195

Ion Ratio Lower Upper

152 100

115 75.3 38.6 115.7

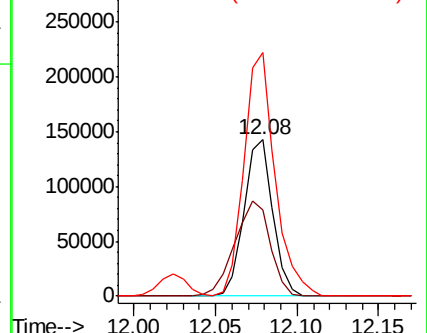
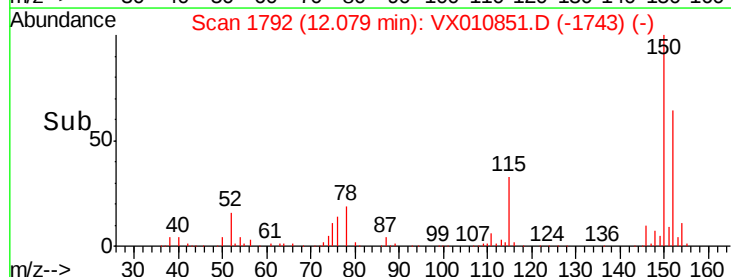
150 168.6 0.0 347.4



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: 42.230 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

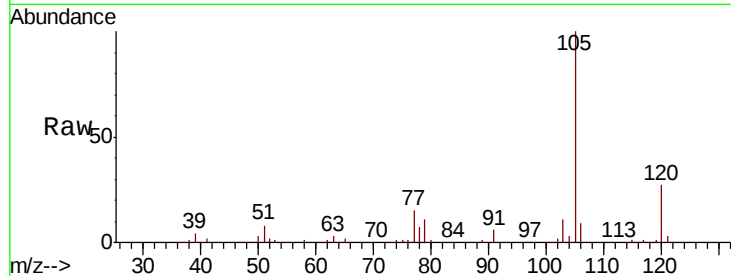
VSTDCCC050

Tot Ion:105 Resp: 501531

Ion Ratio Lower Upper

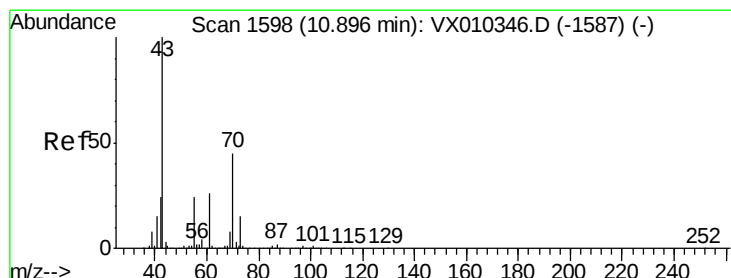
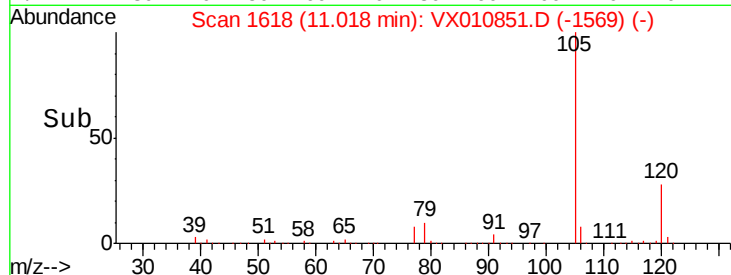
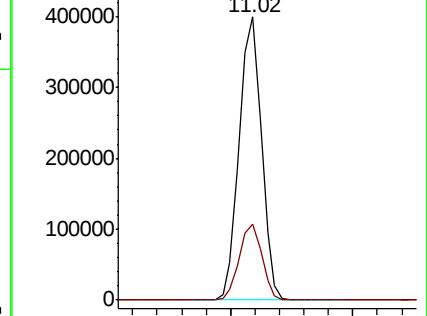
105 100

120 27.4 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.800 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Tgt Ion: 43 Resp: 205562

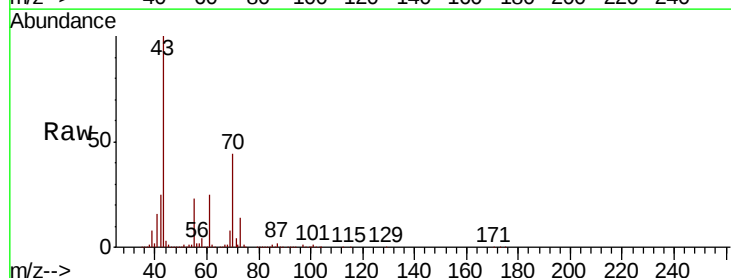
Ion Ratio Lower Upper

43 100

70 43.6 36.6 54.8

55 23.9 18.7 28.1

61 24.8 20.6 31.0

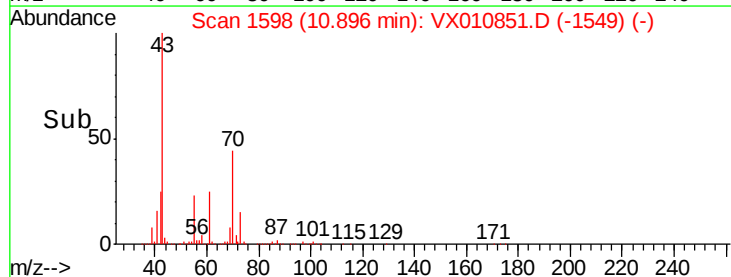
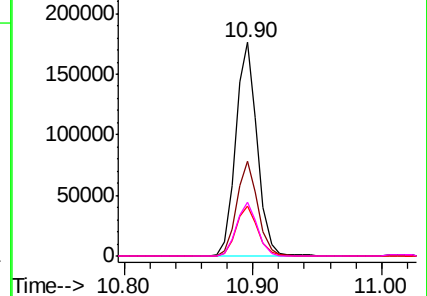


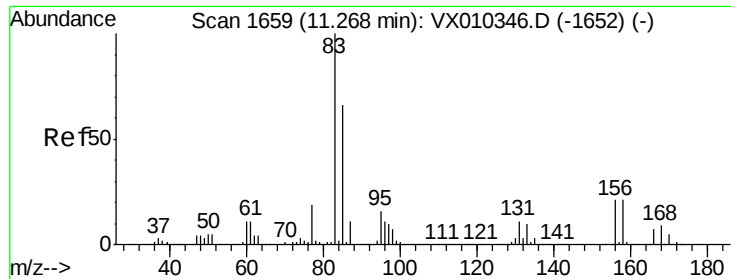
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 43.324 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

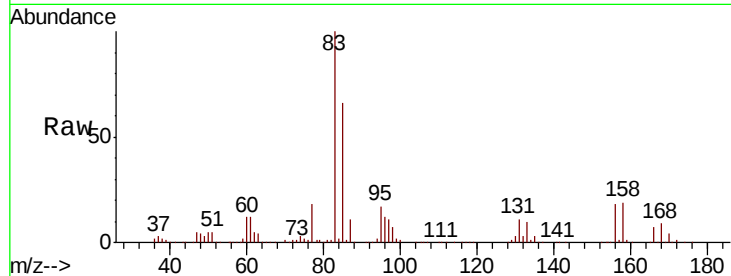
Tot Ion: 83 Resp: 170396

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

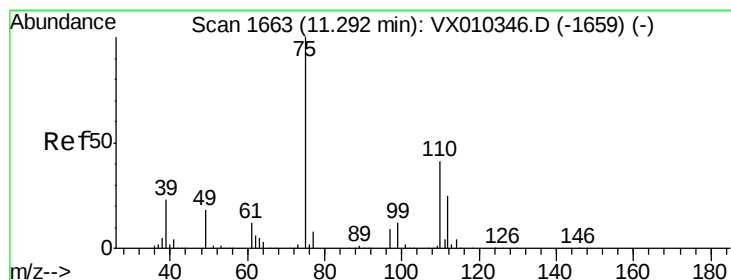
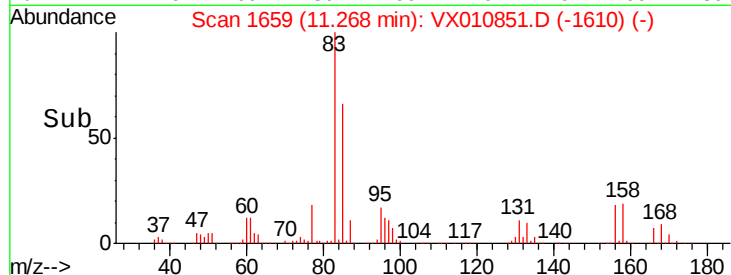
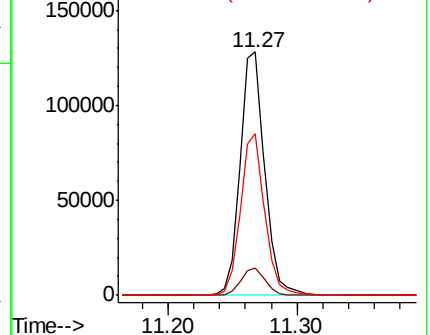
85 65.4 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.679 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010851.D

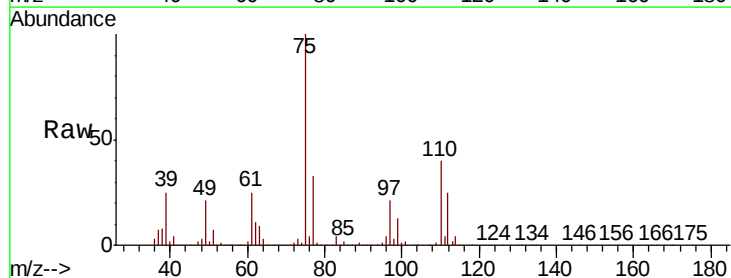
Acq: 12 Jul 2019 21:29

Tgt Ion: 75 Resp: 184142

Ion Ratio Lower Upper

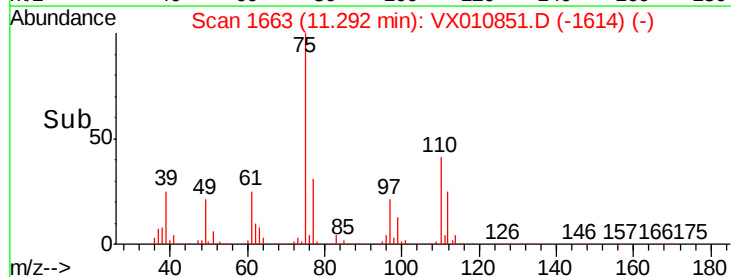
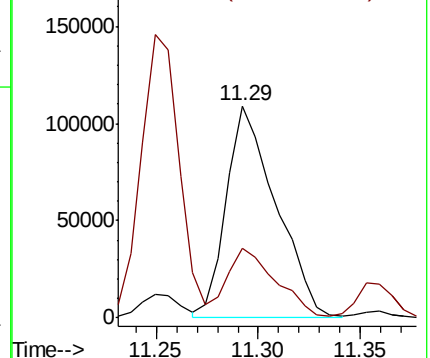
75 100

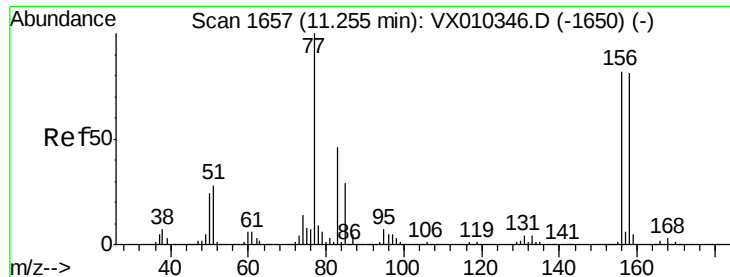
77 32.4 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 40.956 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

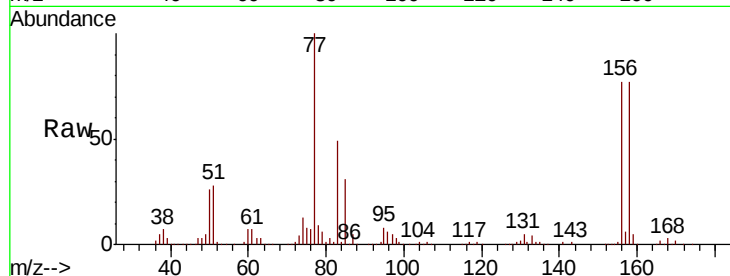
Tot Ion:156 Resp: 135816

Ion Ratio Lower Upper

156 100

77 139.6 66.3 198.7

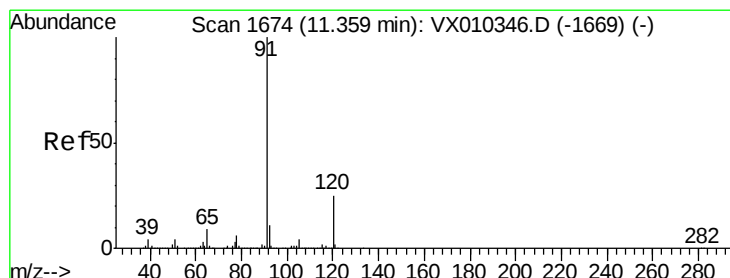
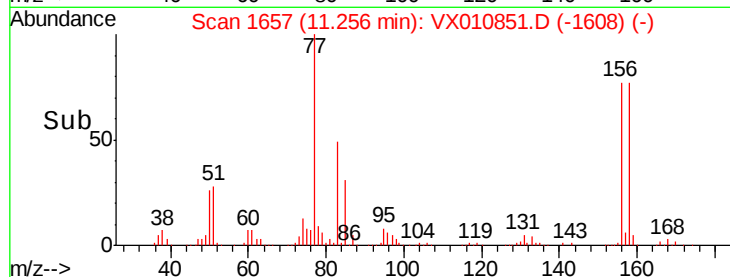
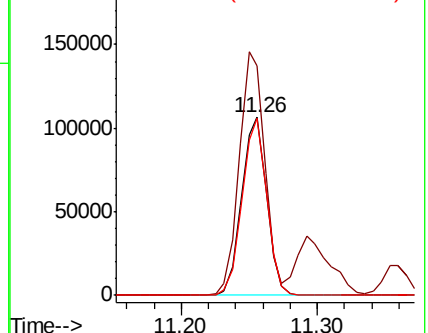
158 98.4 48.9 146.7



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: 43.640 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010851.D

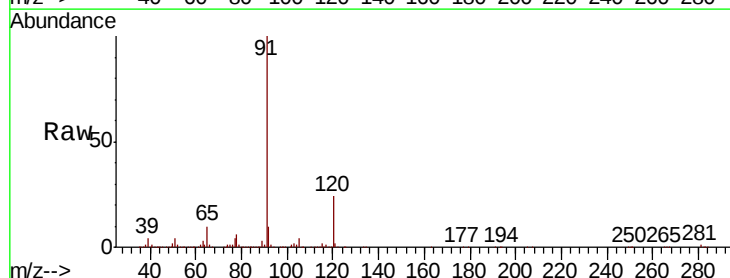
Acq: 12 Jul 2019 21:29

Tgt Ion: 91 Resp: 569608

Ion Ratio Lower Upper

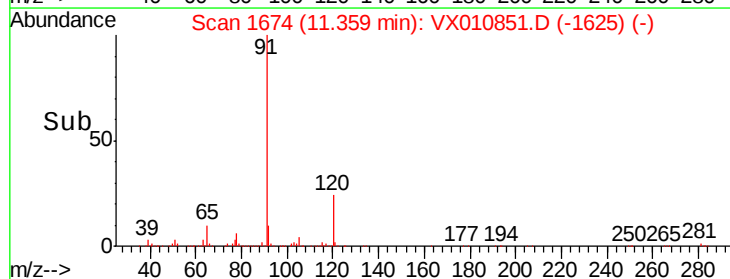
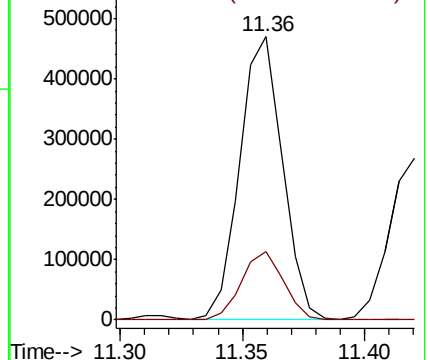
91 100

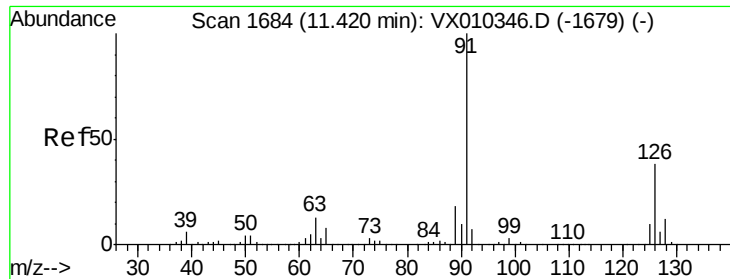
120 24.2 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

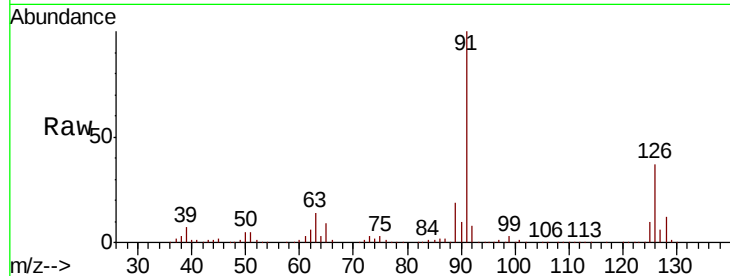




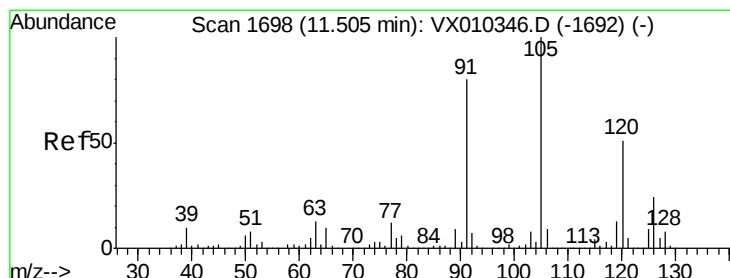
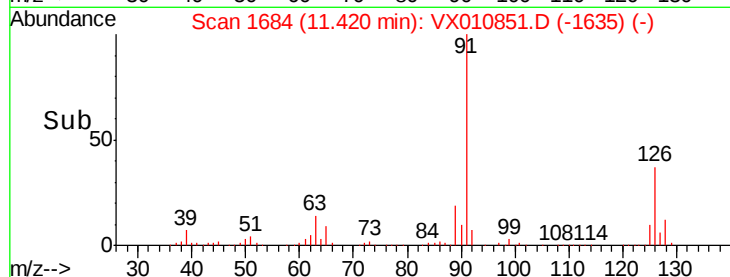
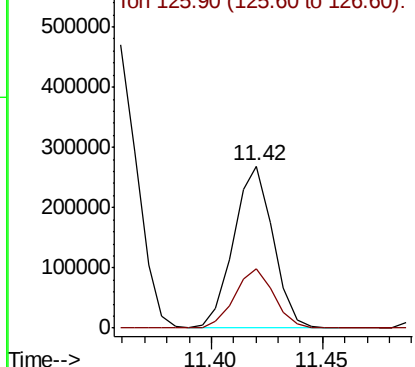
#79
 2-Chlorotoluene
 Concen: 42.627 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 331307
 Ion Ratio Lower Upper
 91 100
 126 36.8 18.7 56.1

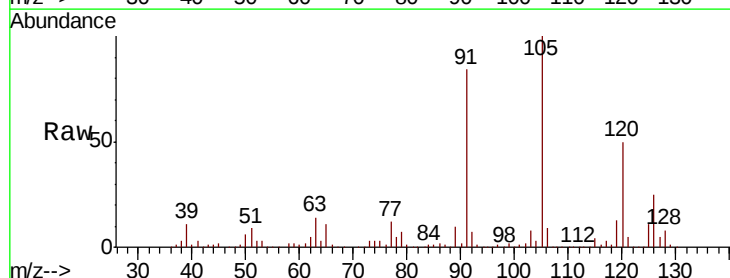


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

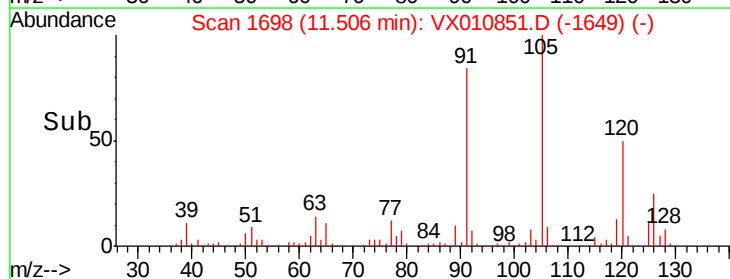
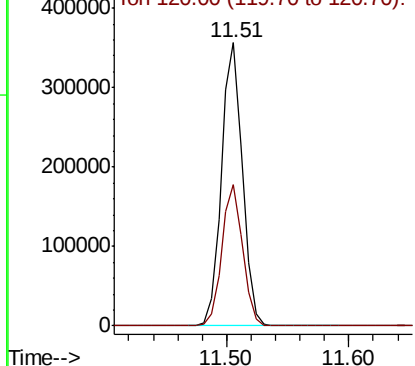


#80
 1,3,5-Trimethylbenzene
 Concen: 43.023 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion: 105 Resp: 421207
 Ion Ratio Lower Upper
 105 100
 120 49.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 35.227 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

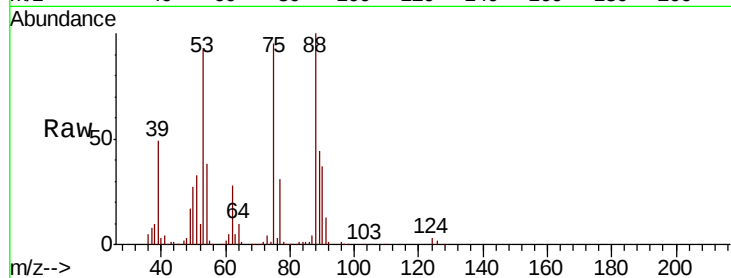
Tot Ion: 75 Resp: 48208

Ion Ratio Lower Upper

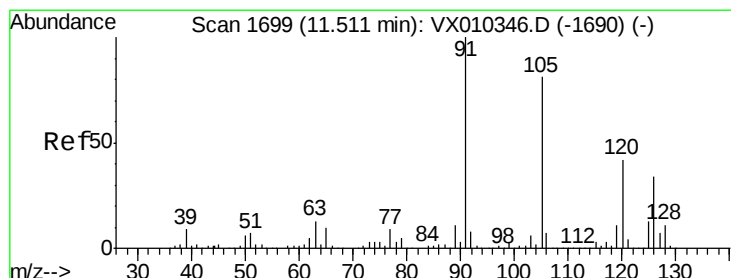
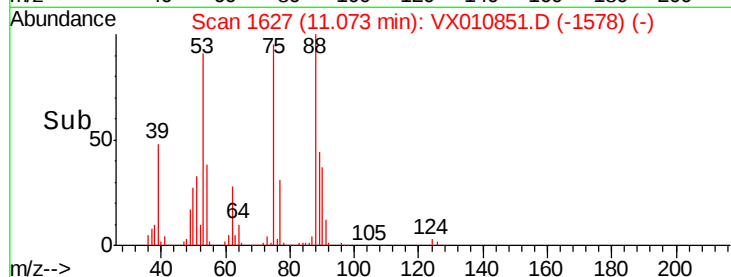
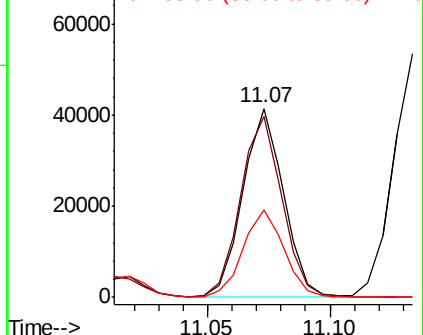
75 100

53 97.2 66.1 99.1

89 46.8 37.8 56.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 43.828 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX010851.D

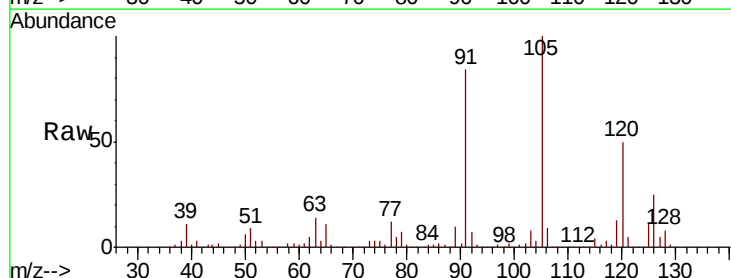
Acq: 12 Jul 2019 21:29

Tgt Ion: 91 Resp: 387616

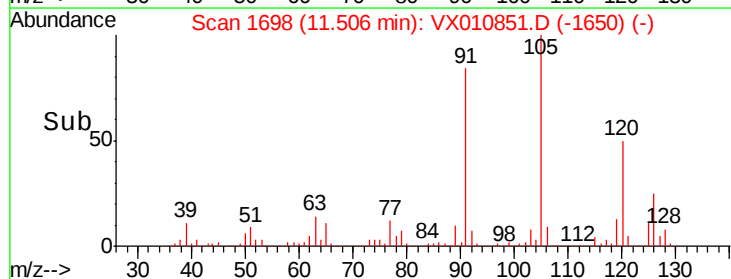
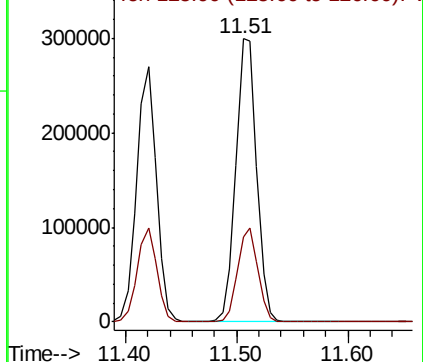
Ion Ratio Lower Upper

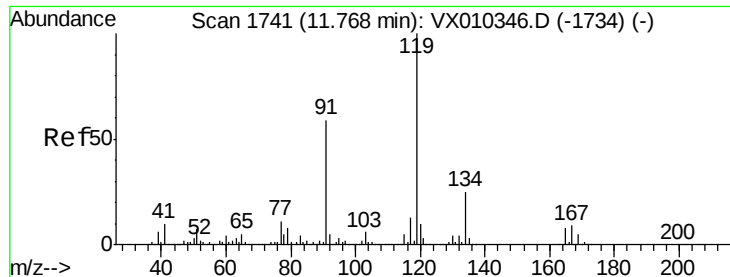
91 100

126 32.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

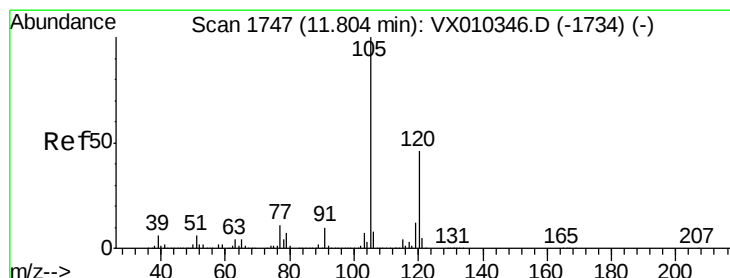
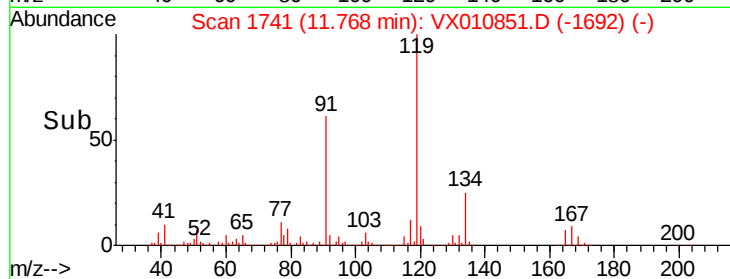
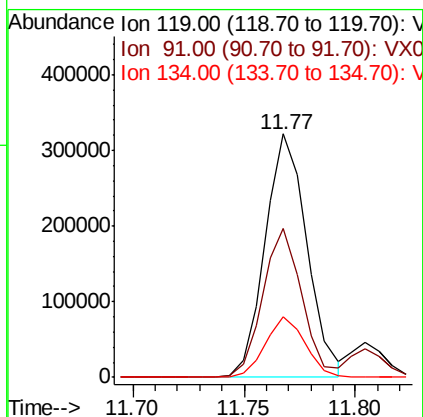
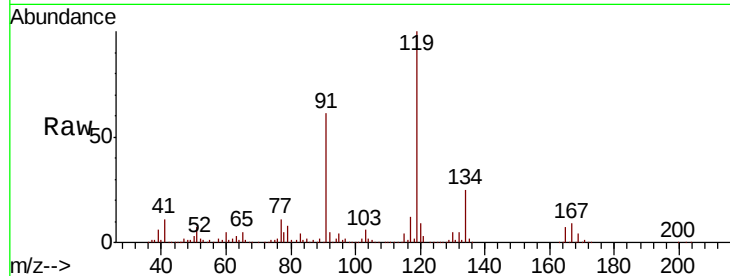




#83
 tert-Butylbenzene
 Concen: 42.647 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

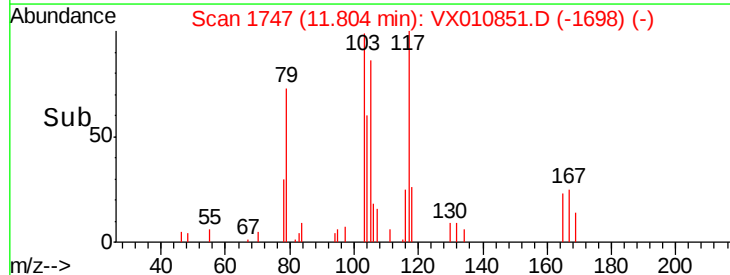
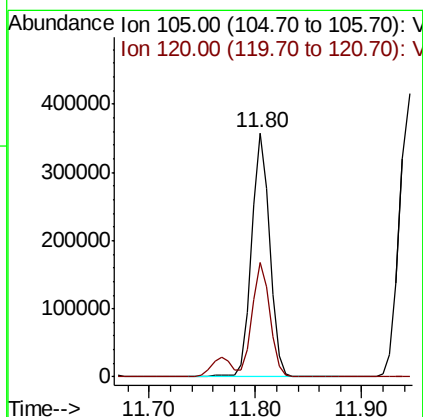
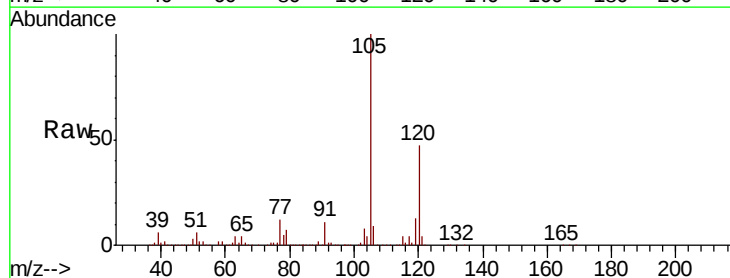
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 419072
 Ion Ratio Lower Upper
 119 100
 91 57.7 27.6 82.7
 134 23.8 11.8 35.4



#84
 1,2,4-Trimethylbenzene
 Concen: 43.488 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion:105 Resp: 427756
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 42.640 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

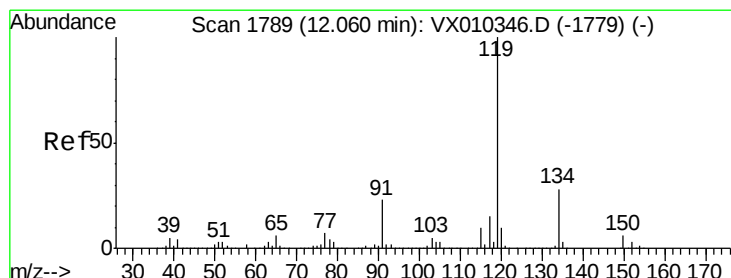
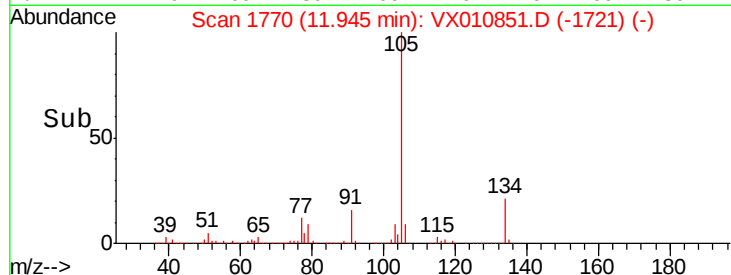
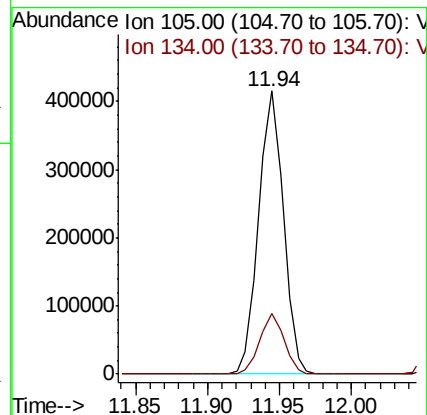
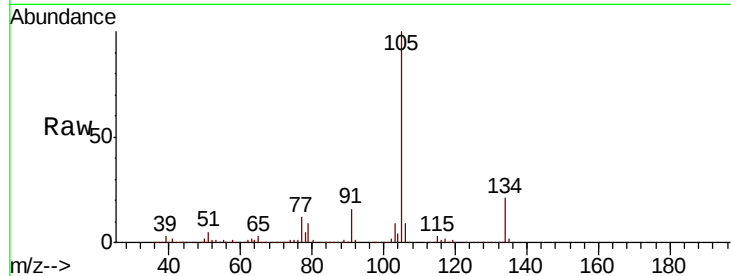
VSTDCCC050

Tot Ion:105 Resp: 491961

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 43.028 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

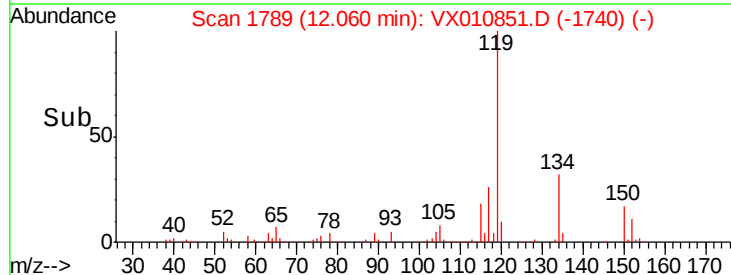
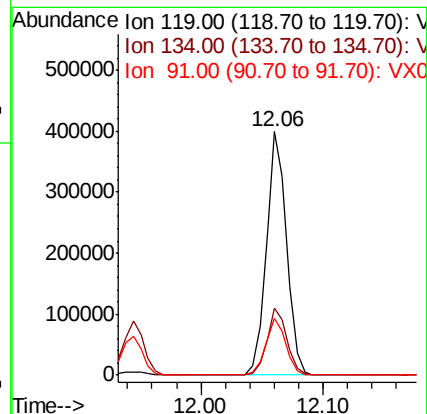
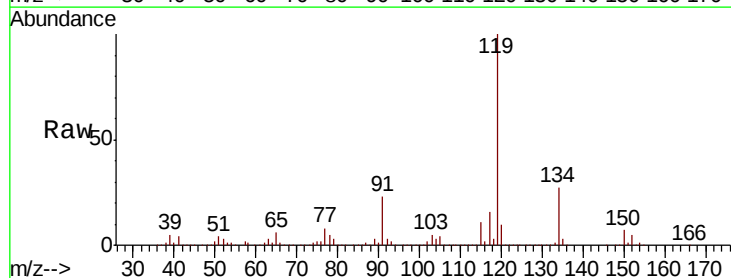
Tgt Ion:119 Resp: 459188

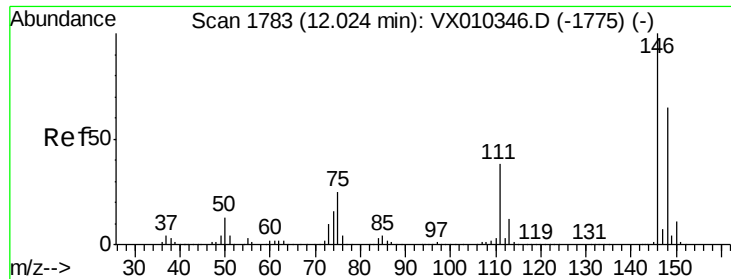
Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

91 23.3 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 41.785 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

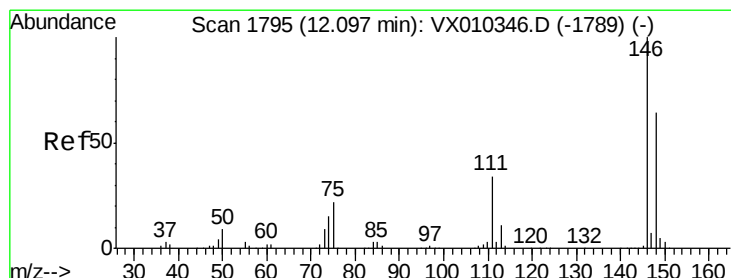
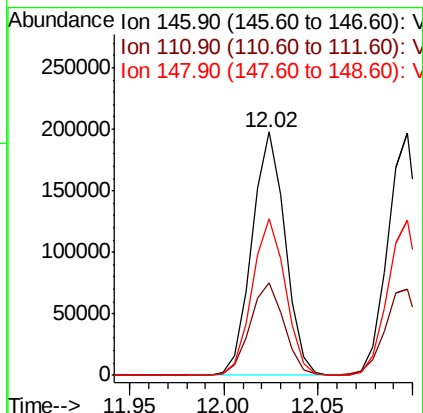
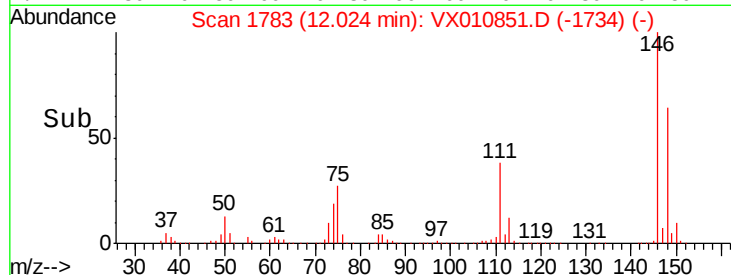
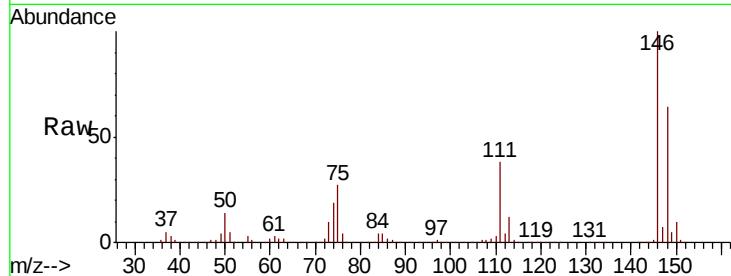
Tot Ion:146 Resp: 241874

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.1

148 64.5 32.5 97.4



#88

1,4-Dichlorobenzene

Concen: 40.561 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

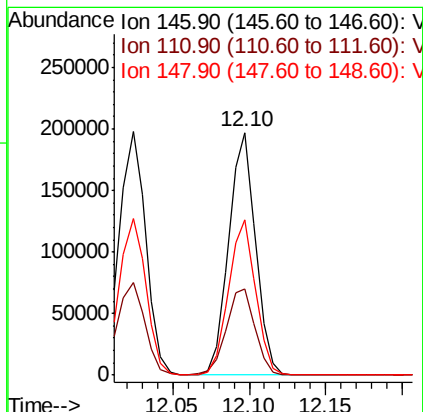
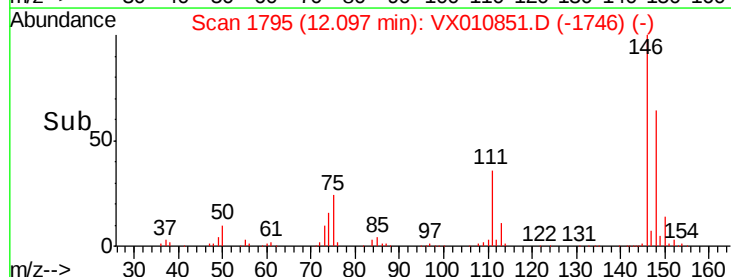
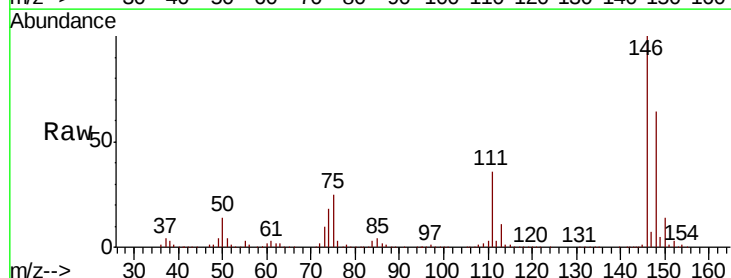
Tgt Ion:146 Resp: 239026

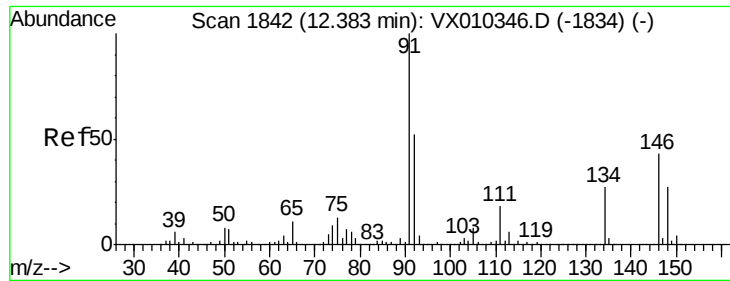
Ion Ratio Lower Upper

146 100

111 37.9 18.1 54.3

148 64.2 32.1 96.3

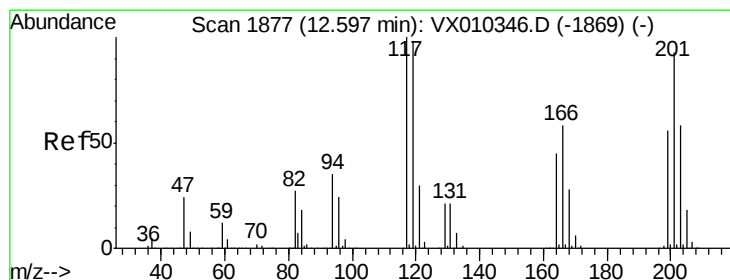
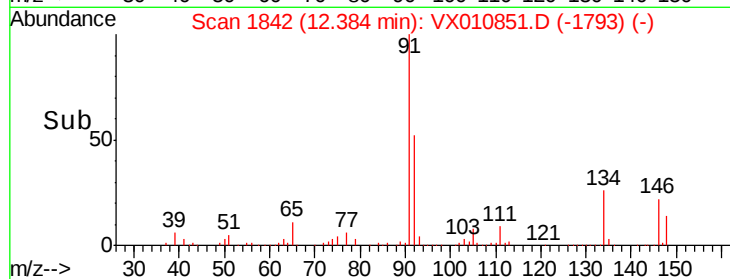
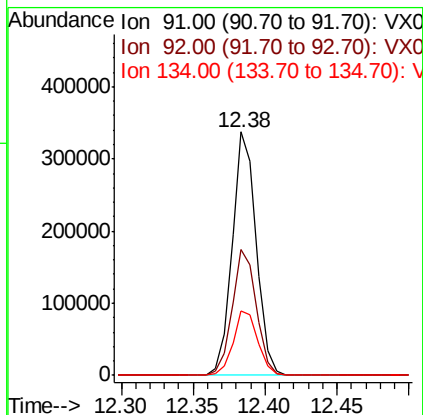
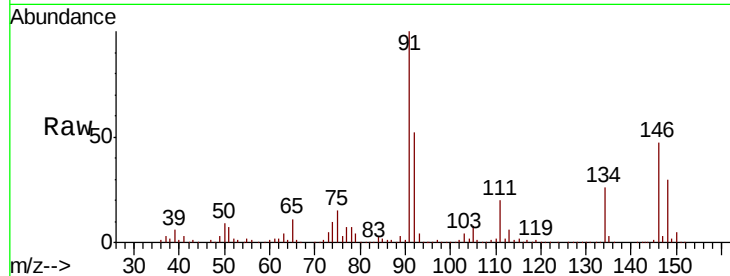




#89
n-Butylbenzene
Concen: 43.544 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

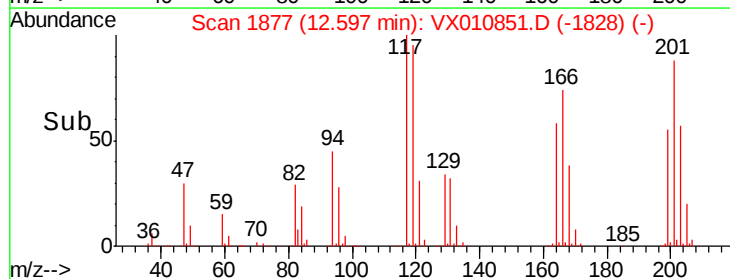
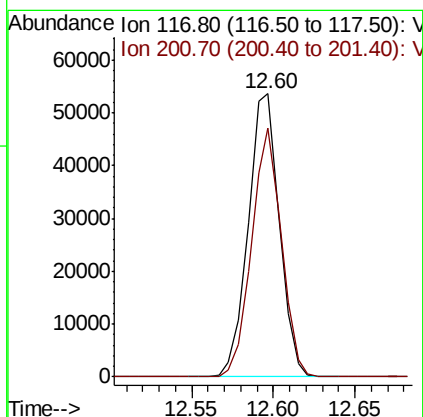
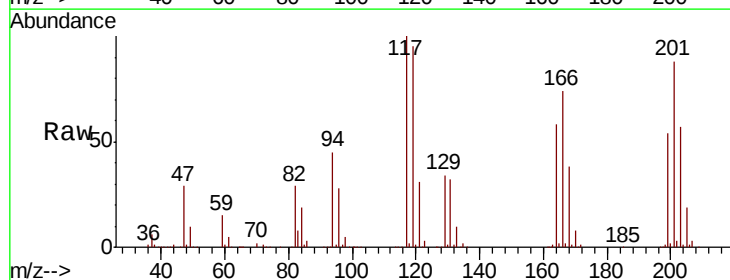
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 394878
Ion Ratio Lower Upper
91 100
92 52.0 26.2 78.5
134 27.0 14.1 42.4



#90
Hexachloroethane
Concen: 38.748 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010851.D
Acq: 12 Jul 2019 21:29

Tgt Ion: 117 Resp: 71502
Ion Ratio Lower Upper
117 100
201 83.7 44.0 131.8

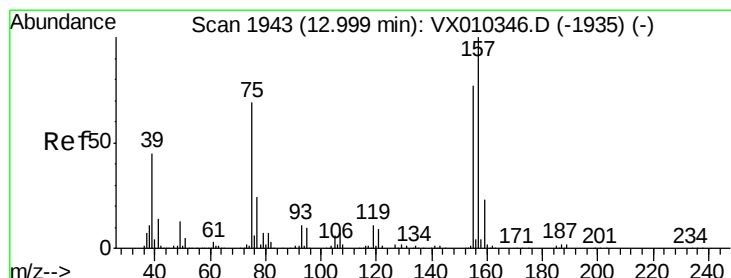
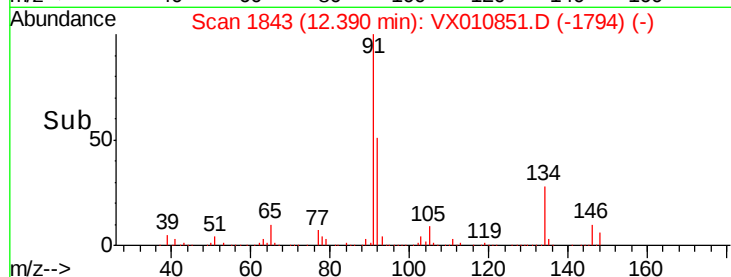
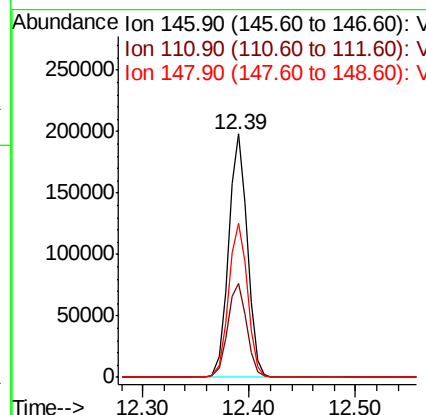
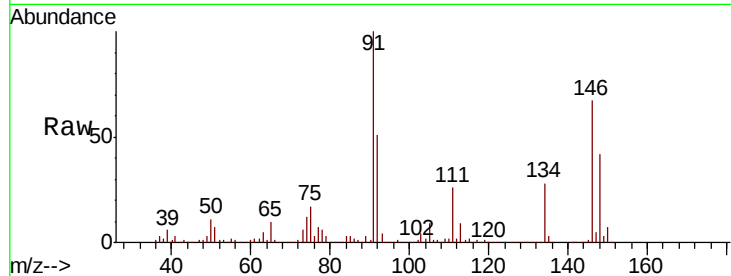




#91
 1,2-Dichlorobenzene
 Concen: 42.285 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

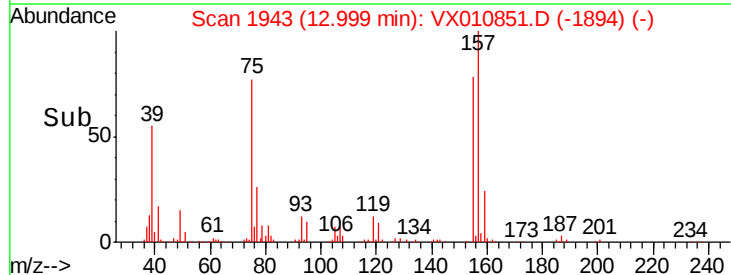
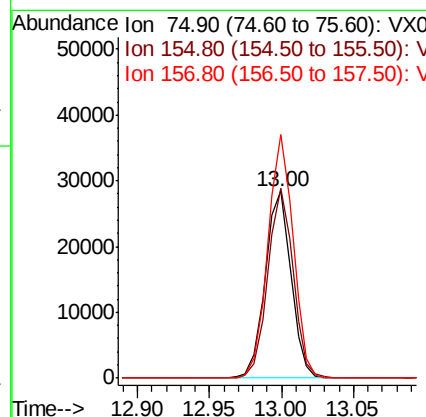
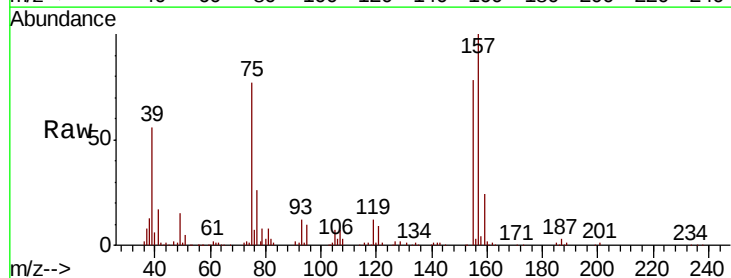
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 243268
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.2 57.6
 148 64.2 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.232 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion: 75 Resp: 34964
 Ion Ratio Lower Upper
 75 100
 155 99.7 54.4 163.1
 157 128.0 69.5 208.3

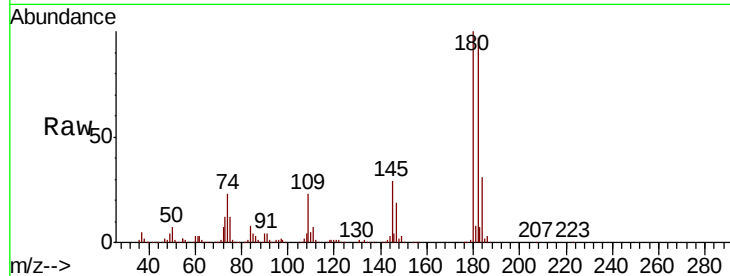




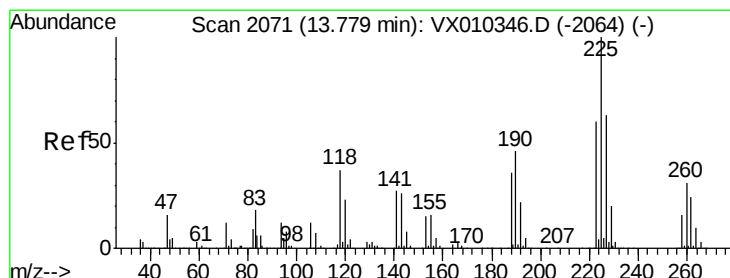
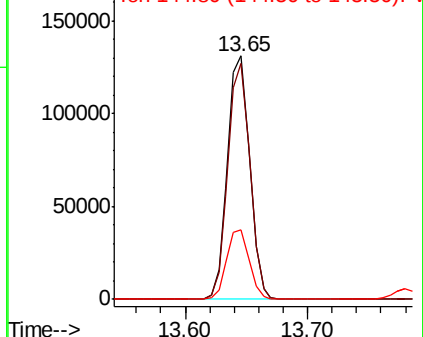
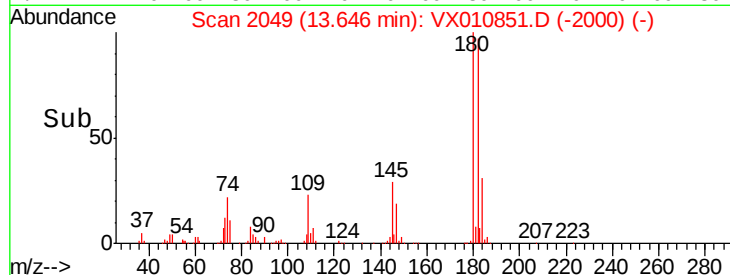
#93
 1,2,4-Trichlorobenzene
 Concen: 41.290 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 164733
 Ion Ratio Lower Upper
 180 100
 182 96.0 48.0 144.0
 145 28.9 14.4 43.4

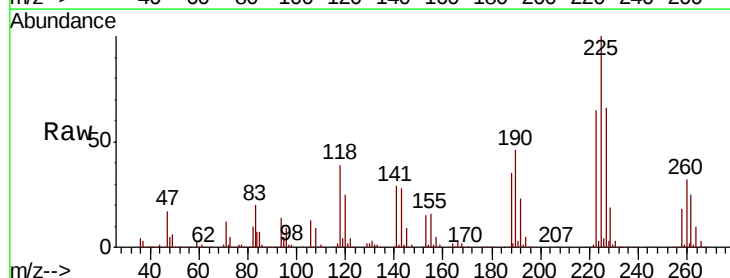


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

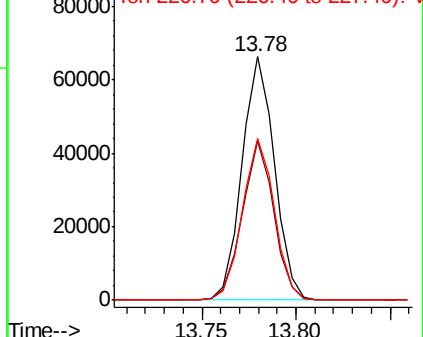
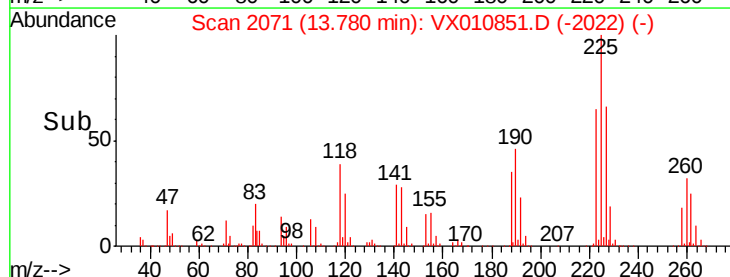


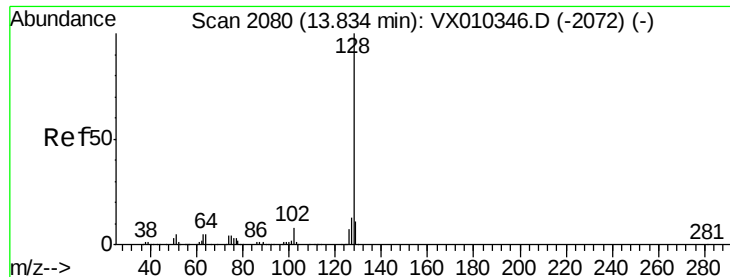
#94
 Hexachlorobutadiene
 Concen: 40.514 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010851.D
 Acq: 12 Jul 2019 21:29

Tgt Ion:225 Resp: 78997
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.9 92.7
 227 65.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 41.692 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

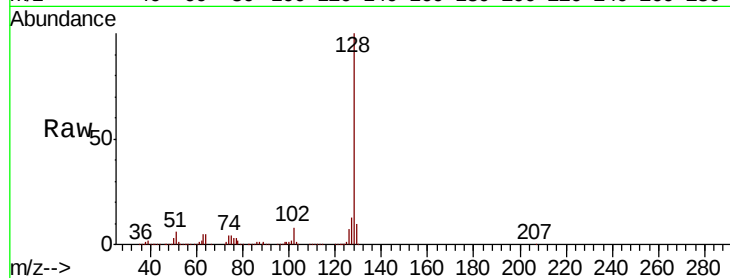
Tot Ion:128 Resp: 511167

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

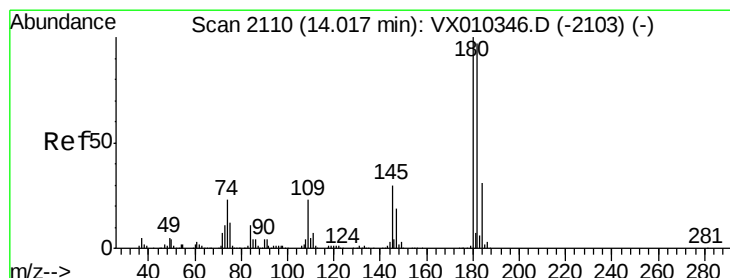
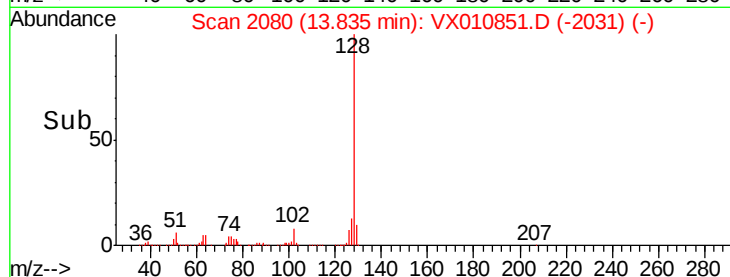
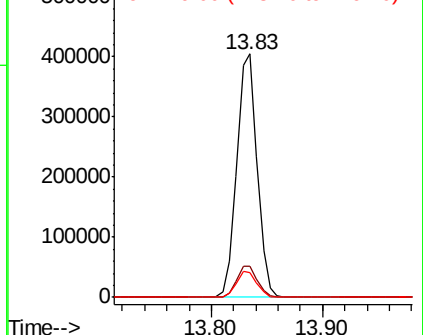
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 41.675 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX010851.D

Acq: 12 Jul 2019 21:29

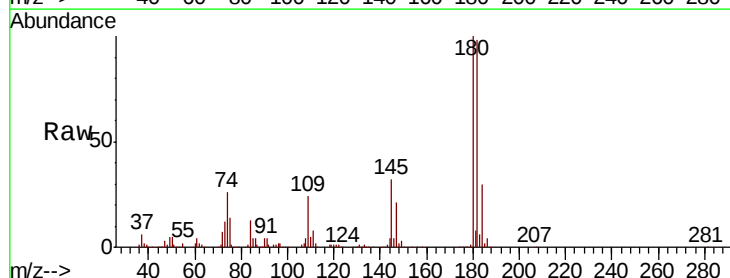
Tgt Ion:180 Resp: 165314

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 30.8 15.2 45.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

