

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010194.D
 Acq On : 10 Jun 2019 22:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 02:41:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	384104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	346755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182164	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	119965	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
35) Dibromofluoromethane	5.50	113	120583	50.90	ug/l	0.00
Spiked Amount			Recovery	=	101.80%	
50) Toluene-d8	8.71	98	458374	51.62	ug/l	0.00
Spiked Amount			Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	169229	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	120810	52.686	ug/l	100
3) Chloromethane	1.32	50	117570	51.628	ug/l	100
4) Vinyl Chloride	1.41	62	123059	57.497	ug/l	99
5) Bromomethane	1.64	94	49415	61.184	ug/l	99
6) Chloroethane	1.71	64	66828	61.930	ug/l	100
7) Trichlorofluoromethane	1.92	101	182309	57.344	ug/l	100
8) Diethyl Ether	2.19	74	62920	57.421	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	106384	48.544	ug/l	91
10) Methyl Iodide	2.51	142	176257	51.910	ug/l	97
11) Tert butyl alcohol	3.05	59	151024	253.440	ug/l	100
12) 1,1-Dichloroethene	2.37	96	110697	49.454	ug/l #	77
13) Acrolein	2.29	56	36622	337.046	ug/l	100
14) Allyl chloride	2.73	41	158551	46.925	ug/l #	88
15) Acrylonitrile	3.14	53	314094	257.877	ug/l	98
16) Acetone	2.45	43	253438	221.516	ug/l #	87
17) Carbon Disulfide	2.57	76	299421	46.295	ug/l	99
18) Methyl Acetate	2.78	43	127652	50.734	ug/l #	83
19) Methyl tert-butyl Ether	3.20	73	355292	49.406	ug/l	95
20) Methylene Chloride	2.85	84	124266	49.456	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	118033	47.649	ug/l #	77
22) Diisopropyl ether	3.85	45	328914	50.916	ug/l #	91
23) Vinyl Acetate	3.82	43	1454549	252.393	ug/l #	86
24) 1,1-Dichloroethane	3.70	63	191428	48.806	ug/l	94
25) 2-Butanone	4.68	43	426992	250.629	ug/l #	80
26) 2,2-Dichloropropane	4.58	77	143169	40.011	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	139322	50.557	ug/l	76
28) Bromochloromethane	5.02	49	83700	47.615	ug/l #	48
29) Tetrahydrofuran	5.13	42	275374	257.194	ug/l #	74
30) Chloroform	5.21	83	202384	49.684	ug/l	100
31) Cyclohexane	5.58	56	176108	49.750	ug/l #	79
32) 1,1,1-Trichloroethane	5.49	97	182705	47.711	ug/l	93
36) 1,1-Dichloropropene	5.80	75	148857	47.502	ug/l	92
37) Ethyl Acetate	4.84	43	161012	49.382	ug/l #	91
38) Carbon Tetrachloride	5.79	117	166744	47.010	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
 Data File : VX010194.D
 Acq On : 10 Jun 2019 22:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 11 02:41:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195412	45.795	ug/l #	82
40) Benzene	6.14	78	481190	49.658	ug/l	99
41) Methacrylonitrile	5.04	41	87003	49.329	ug/l #	84
42) 1,2-Dichloroethane	6.19	62	145616	47.071	ug/l	92
43) Isopropyl Acetate	6.45	43	265323	48.669	ug/l #	89
44) Trichloroethene	7.21	130	141884	48.576	ug/l	86
45) 1,2-Dichloropropane	7.51	63	120251	49.581	ug/l	97
46) Dibromomethane	7.66	93	85975	47.317	ug/l	90
47) Bromodichloromethane	7.90	83	162036	47.724	ug/l #	99
48) Methyl methacrylate	7.77	41	123140	48.299	ug/l #	76
49) 1,4-Dioxane	7.74	88	72633	999.208	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	848935	260.668	ug/l	89
52) Toluene	8.78	92	309409	48.575	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	179740	45.768	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	196755	46.734	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	130661	50.087	ug/l	97
56) Ethyl methacrylate	9.18	69	205981	49.986	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	200336	48.780	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	472322	243.135	ug/l #	86
59) 2-Hexanone	9.49	43	654306	251.980	ug/l	87
60) Dibromochloromethane	9.58	129	152062	49.281	ug/l	100
61) 1,2-Dibromoethane	9.67	107	140650	48.410	ug/l	100
64) Tetrachloroethene	9.34	164	128994	50.087	ug/l	95
65) Chlorobenzene	10.14	112	351747	49.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	133892	48.649	ug/l	99
67) Ethyl Benzene	10.25	91	596578	48.967	ug/l	95
68) m/p-Xylenes	10.36	106	464596	98.545	ug/l	89
69) o-Xylene	10.69	106	229079	48.880	ug/l	89
70) Styrene	10.71	104	395304	49.803	ug/l	94
71) Bromoform	10.85	173	126938	50.170	ug/l #	97
73) Isopropylbenzene	11.02	105	598933	47.100	ug/l	94
74) N-amyl acetate	10.90	43	241834	48.110	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	207330	47.630	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	234438	64.342	ug/l	82
77) Bromobenzene	11.26	156	169122	48.363	ug/l	79
78) n-propylbenzene	11.36	91	666481	47.079	ug/l	94
79) 2-Chlorotoluene	11.42	91	394416	46.388	ug/l	89
80) 1,3,5-Trimethylbenzene	11.51	105	502434	46.910	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	71580	43.405	ug/l #	83
82) 4-Chlorotoluene	11.51	91	453245	46.927	ug/l	91
83) tert-Butylbenzene	11.77	119	511812	47.213	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	512998	47.418	ug/l	95
85) sec-Butylbenzene	11.94	105	596984	47.269	ug/l	96
86) p-Isopropyltoluene	12.06	119	548279	47.487	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	294867	47.872	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	295217	47.545	ug/l	98
89) n-Butylbenzene	12.38	91	463358	46.623	ug/l	97
90) Hexachloroethane	12.59	117	105476	45.860	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	291697	48.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44606	43.547	ug/l	62

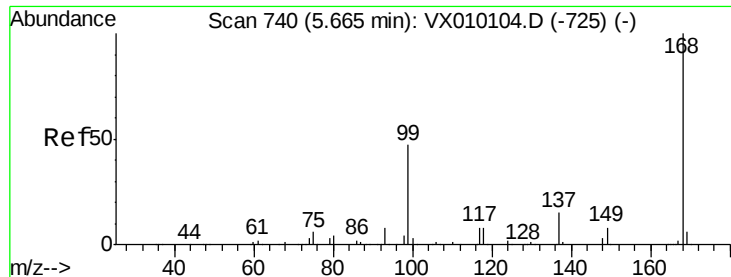
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061019\
Data File : VX010194.D
Acq On : 10 Jun 2019 22:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Quant Time: Jun 11 02:41:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	208982	47.677	ug/l	99
94) Hexachlorobutadiene	13.78	225	94899	48.681	ug/l	100
95) Naphthalene	13.83	128	661438	47.937	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	207907	47.972	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

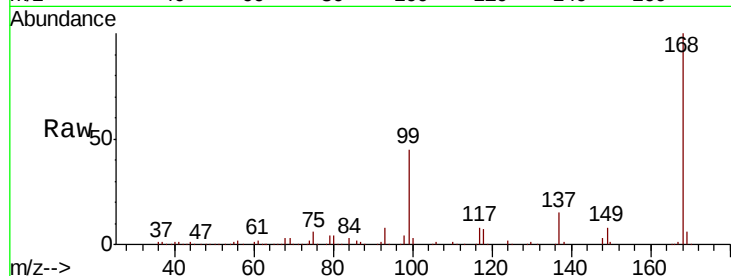
VSTDCCC050

Tot Ion:168 Resp: 249203

Ion Ratio Lower Upper

168 100

99 44.5 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

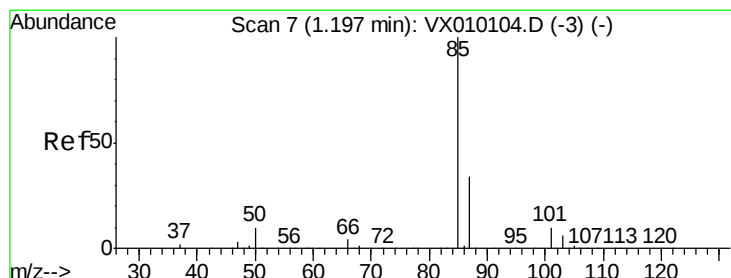
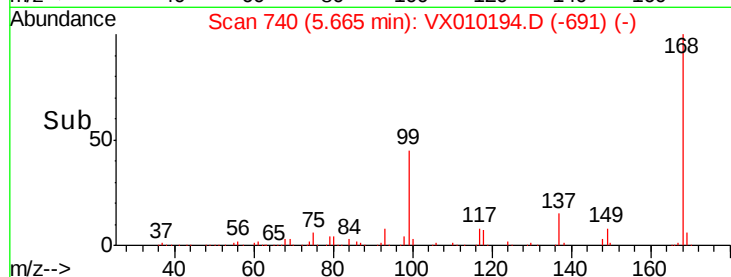
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.686 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010194.D

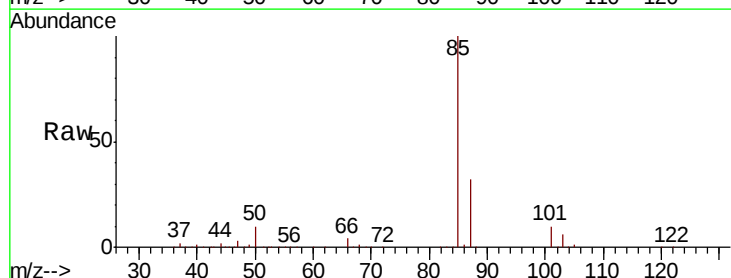
Acq: 10 Jun 2019 22:23

Tgt Ion: 85 Resp: 120810

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

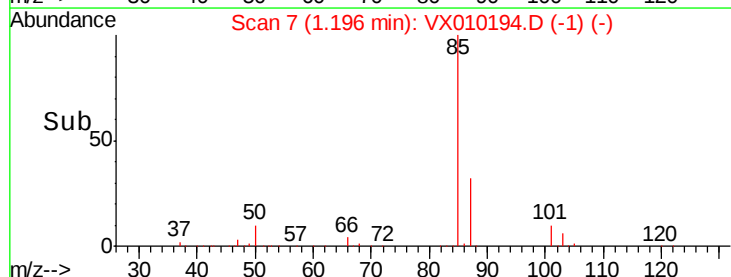
100000

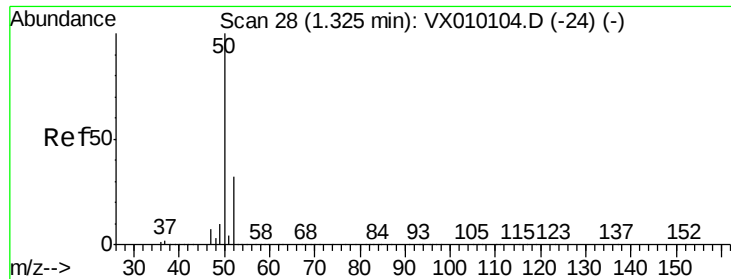
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 51.628 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

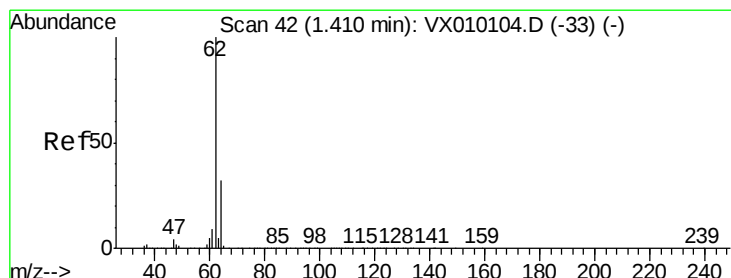
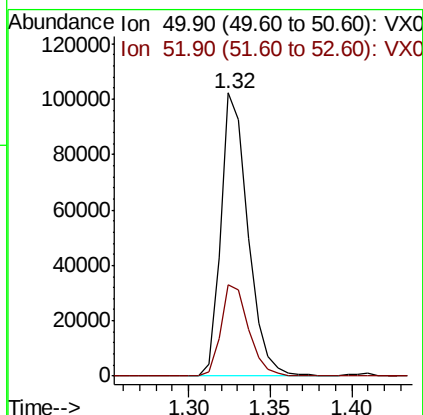
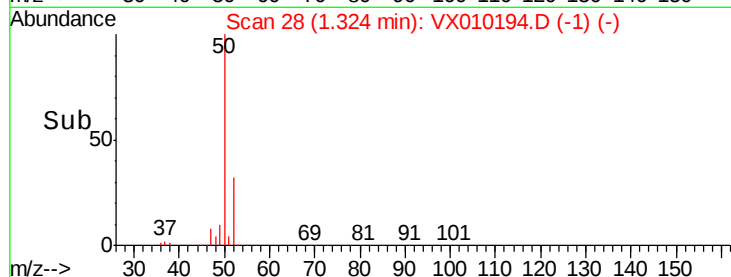
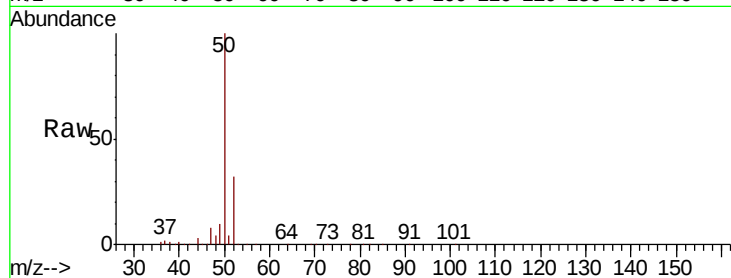
VSTDCCC050

Tot Ion: 50 Resp: 117570

Ion Ratio Lower Upper

50 100

52 32.3 26.0 39.0



#4

Vinyl Chloride

Concen: 57.497 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010194.D

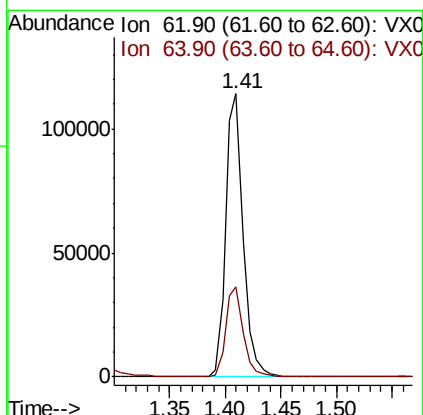
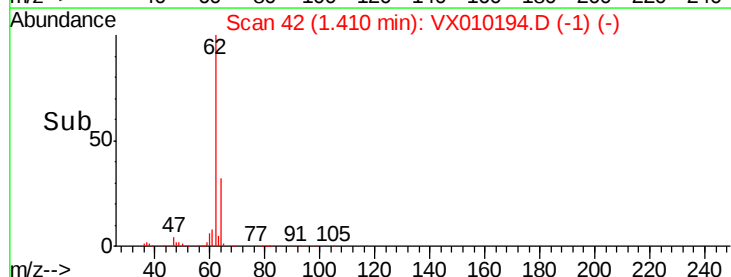
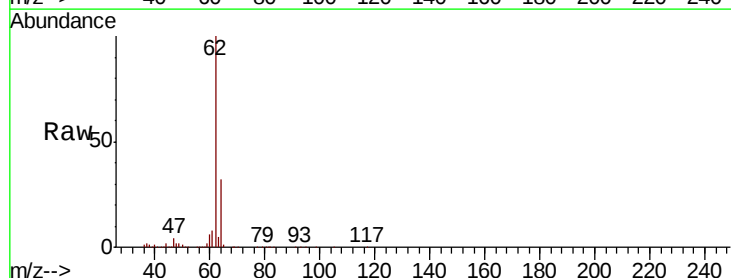
Acq: 10 Jun 2019 22:23

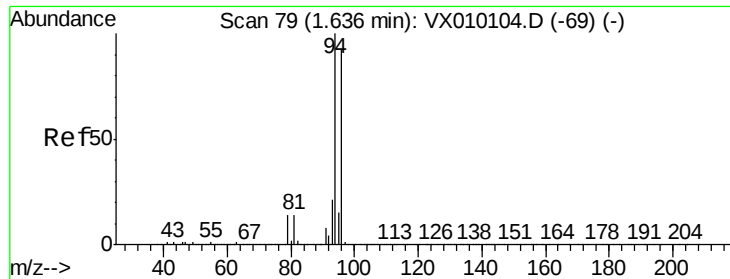
Tgt Ion: 62 Resp: 123059

Ion Ratio Lower Upper

62 100

64 31.8 25.7 38.5





#5

Bromomethane

Concen: 61.184 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

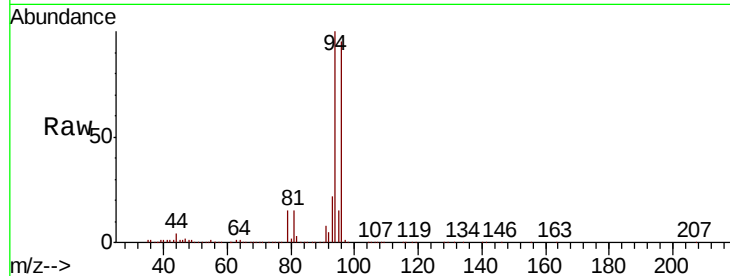
VSTDCCC050

Tot Ion: 94 Resp: 49415

Ion Ratio Lower Upper

94 100

96 94.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

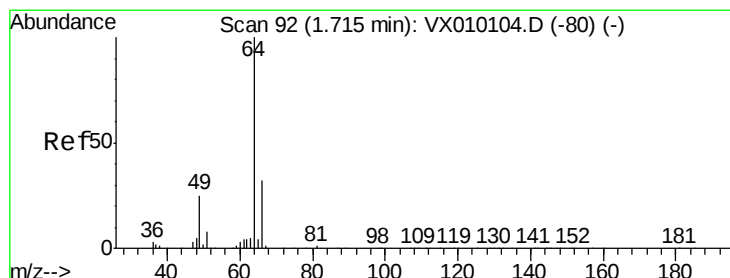
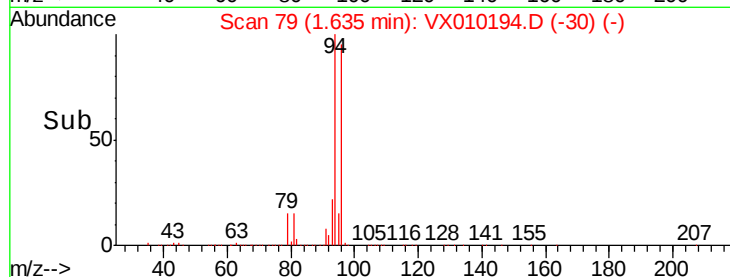
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 61.930 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010194.D

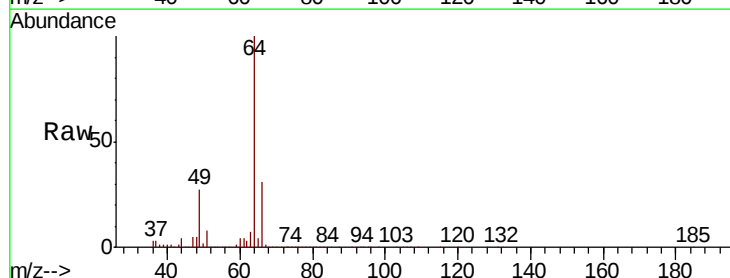
Acq: 10 Jun 2019 22:23

Tgt Ion: 64 Resp: 66828

Ion Ratio Lower Upper

64 100

66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

50000

40000

30000

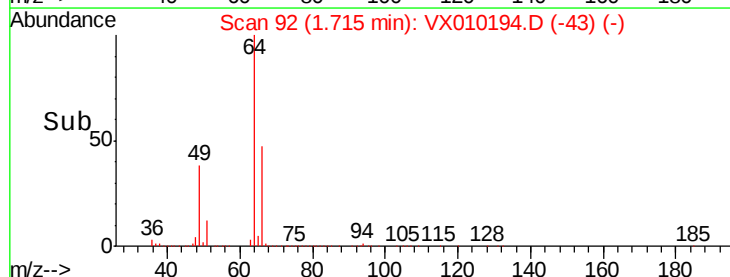
20000

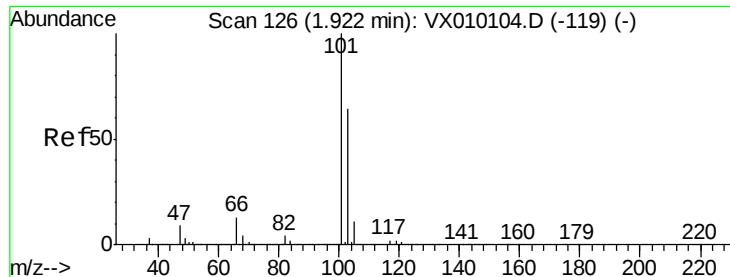
10000

0

Time-->

1.65 1.70 1.75 1.80



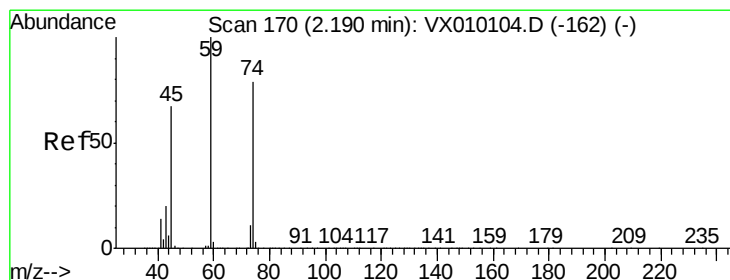
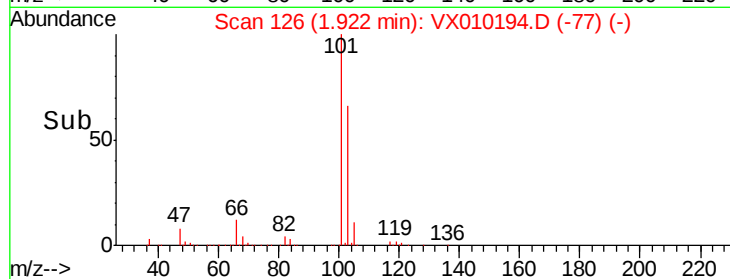
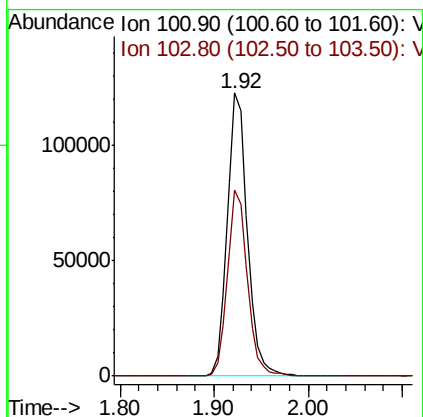
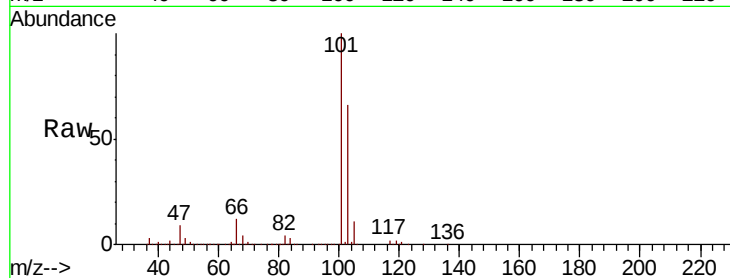


#7

Trichlorofluoromethane
 Concen: 57.344 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

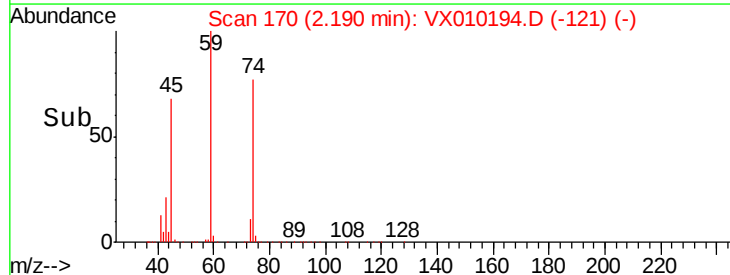
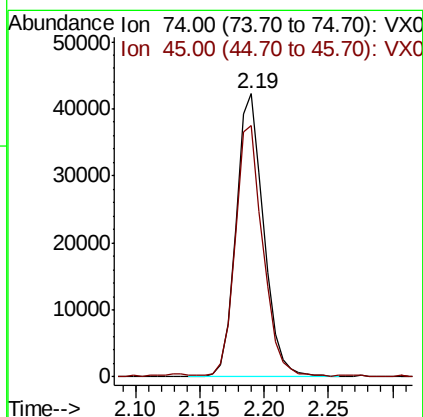
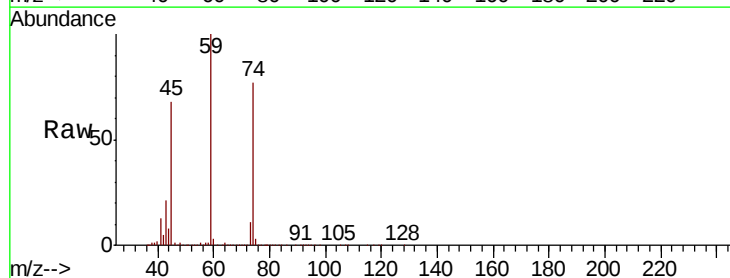
Tot Ion:101 Resp: 182309
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.2 78.4

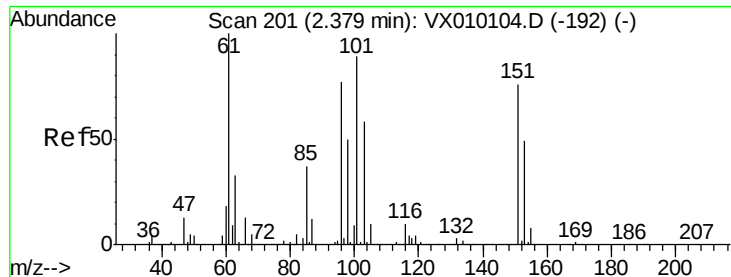


#8

Diethyl Ether
 Concen: 57.421 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Tgt Ion: 74 Resp: 62920
 Ion Ratio Lower Upper
 74 100
 45 88.4 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.544 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

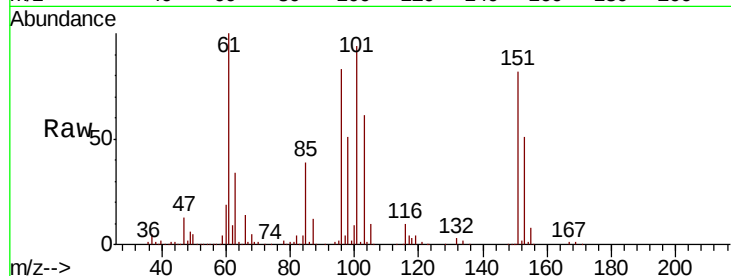
Tot Ion:101 Resp: 106384

Ion Ratio Lower Upper

101 100

85 41.3 35.2 52.8

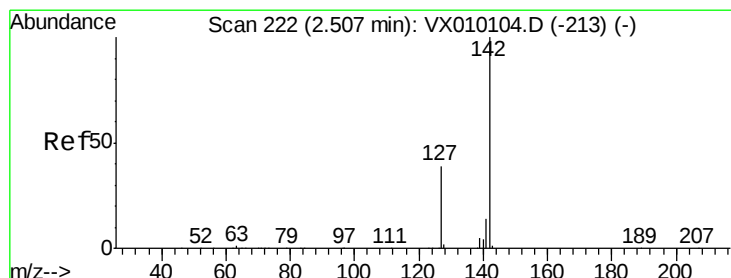
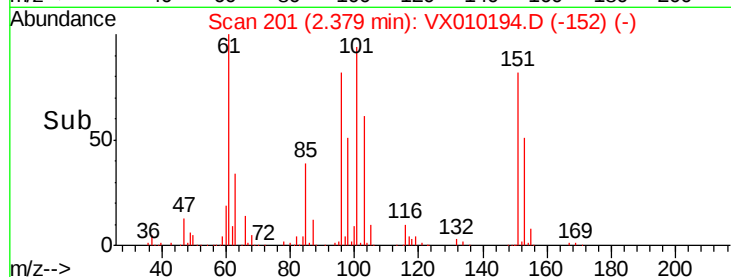
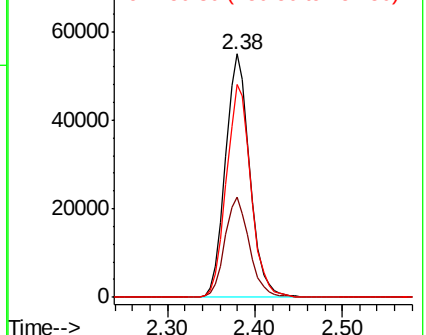
151 88.0 61.9 92.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.910 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

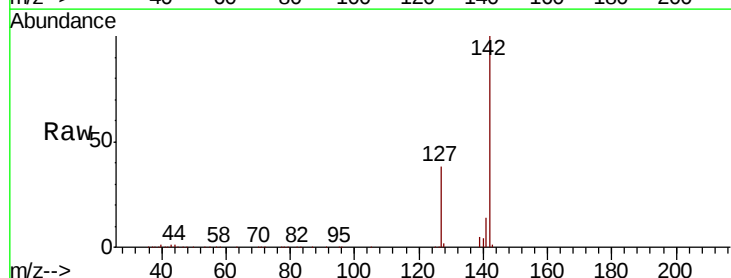
Tgt Ion:142 Resp: 176257

Ion Ratio Lower Upper

142 100

127 38.7 33.0 49.4

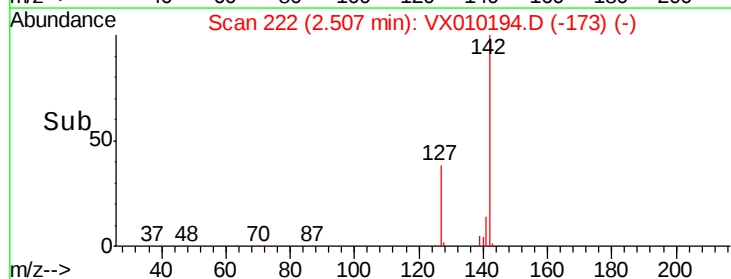
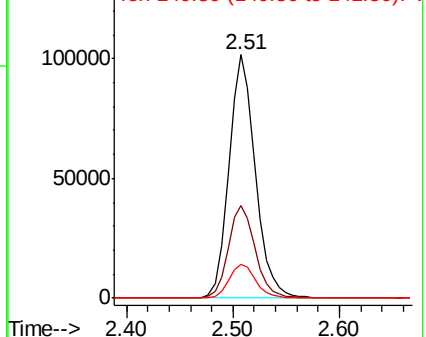
141 14.2 11.4 17.0

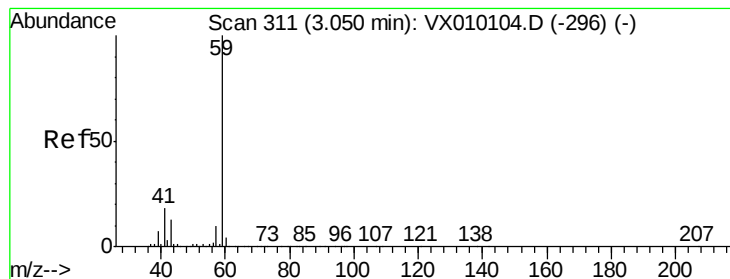


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



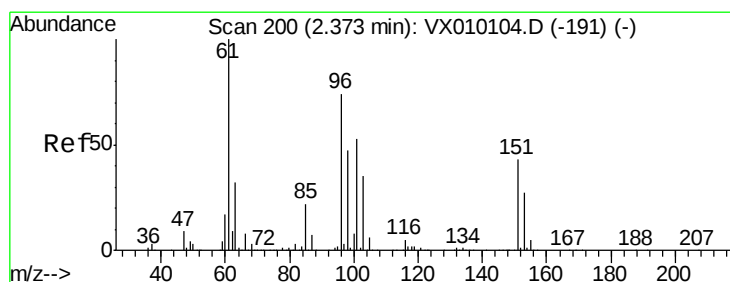
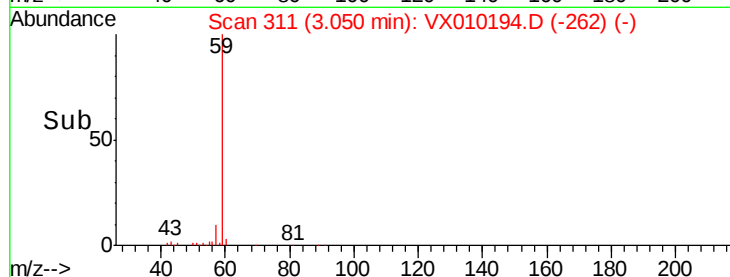
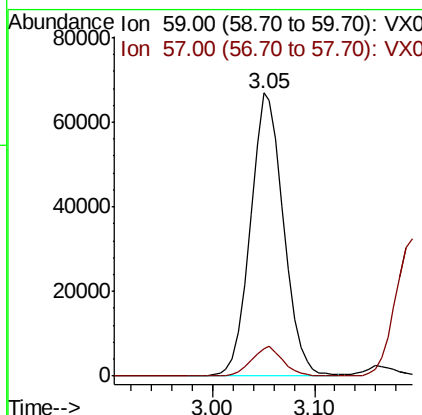
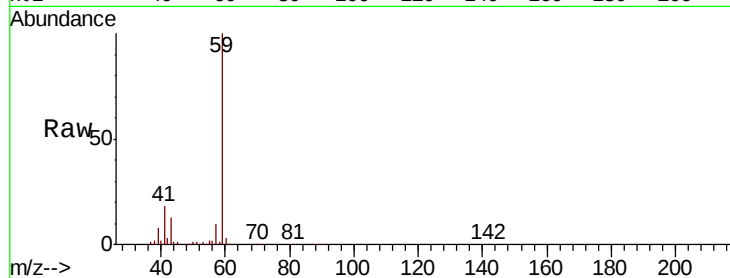


#11

Tert butyl alcohol
Concen: 253.440 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

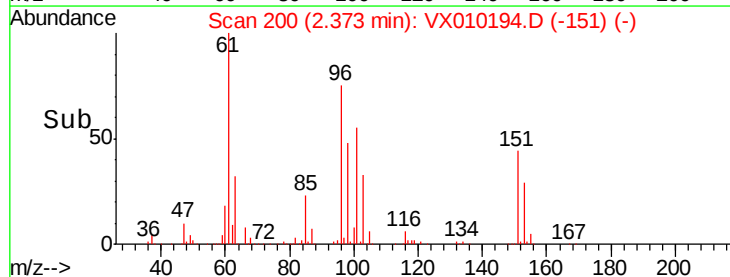
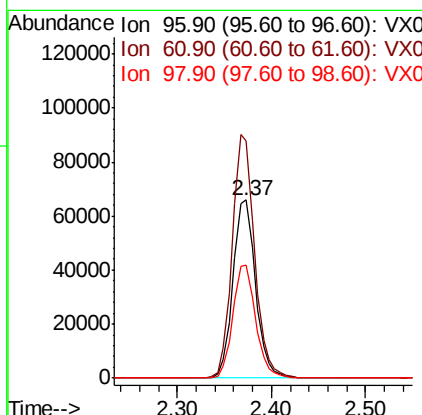
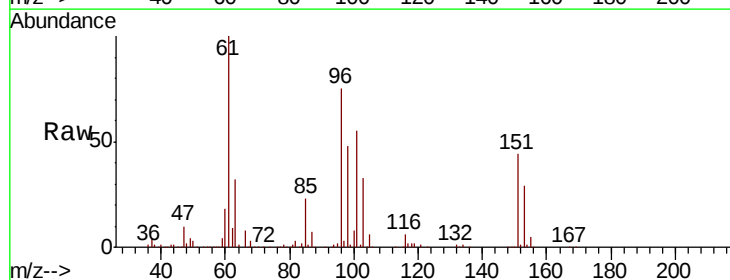
Tot Ion: 59 Resp: 151024
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

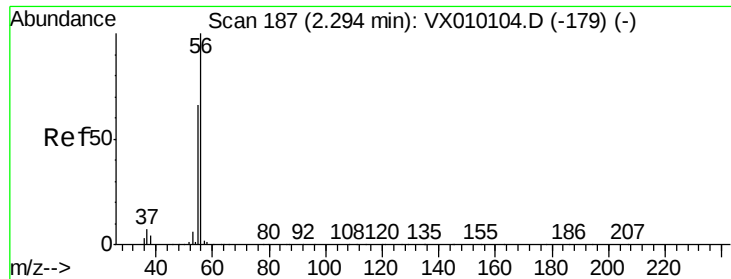


#12

1,1-Dichloroethene
Concen: 49.454 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 96 Resp: 110697
Ion Ratio Lower Upper
96 100
61 133.0 140.7 211.1#
98 63.4 50.1 75.1





#13

Acrolein

Concen: 337.046 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

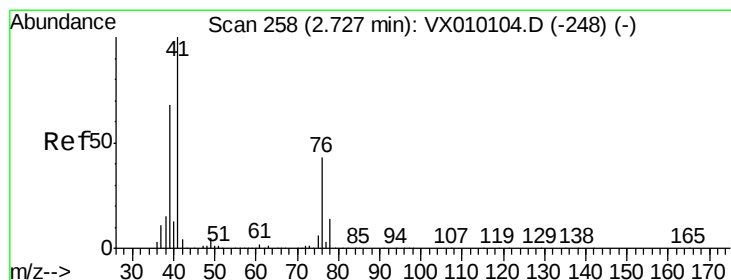
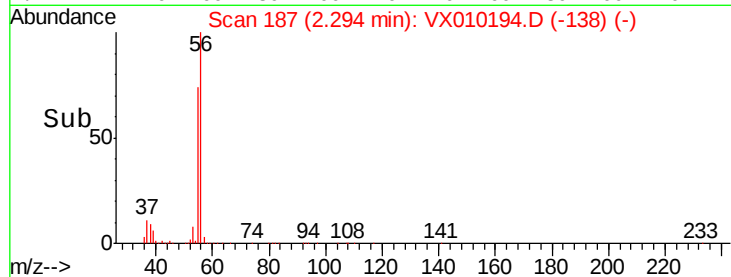
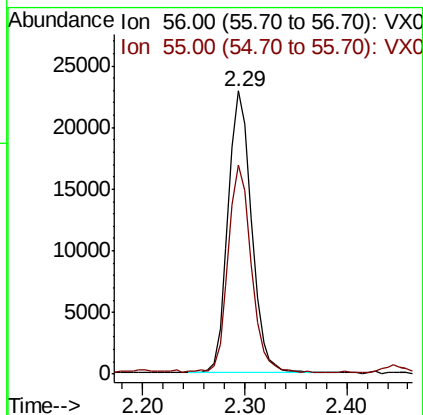
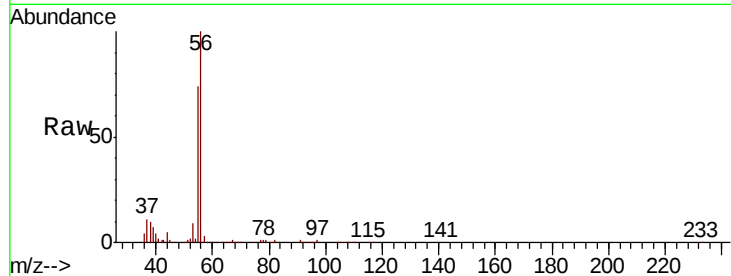
VSTDCCC050

Tot Ion: 56 Resp: 36622

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 46.925 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

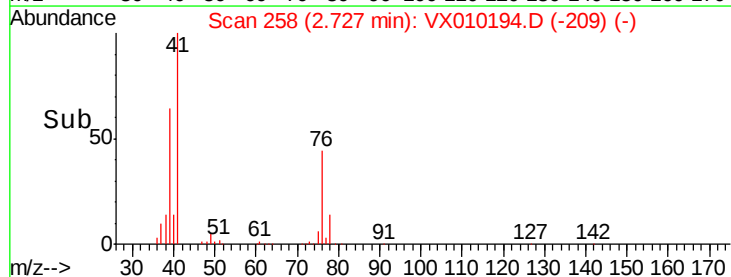
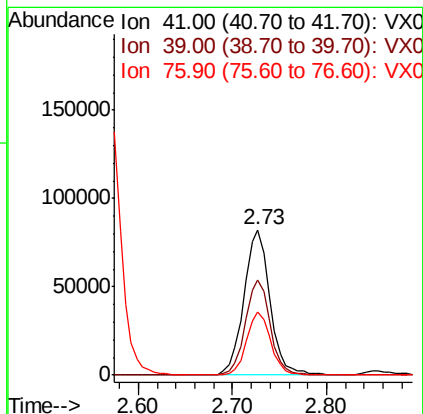
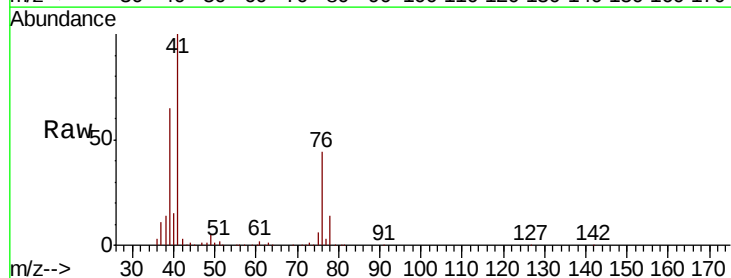
Tgt Ion: 41 Resp: 158551

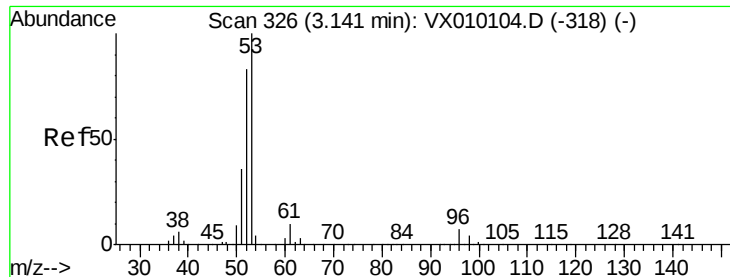
Ion Ratio Lower Upper

41 100

39 62.3 46.7 70.1

76 40.0 21.0 31.4#





#15

Acrylonitrile

Concen: 257.877 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

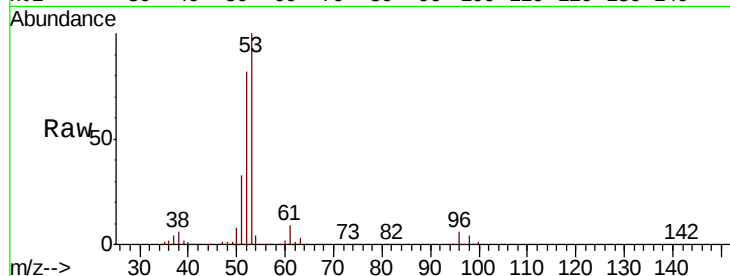
Tot Ion: 53 Resp: 314094

Ion Ratio Lower Upper

53 100

52 82.3 66.7 100.1

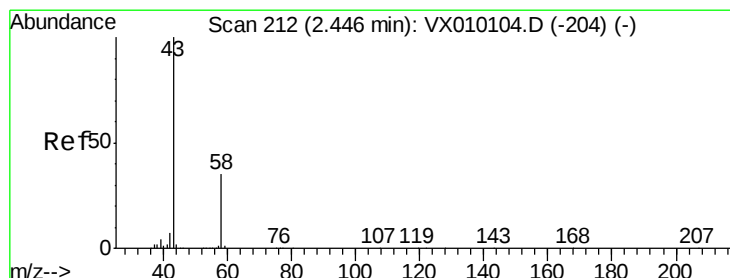
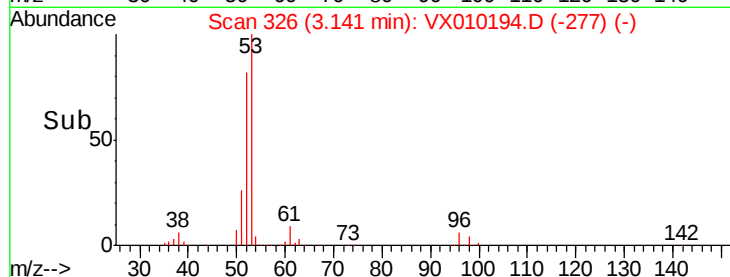
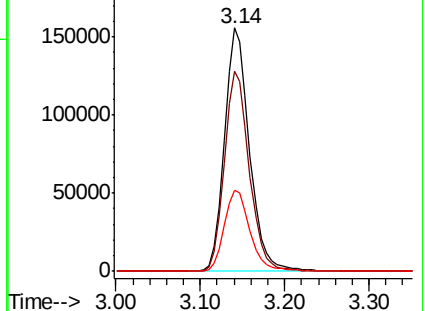
51 34.6 28.8 43.2



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: 221.516 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010194.D

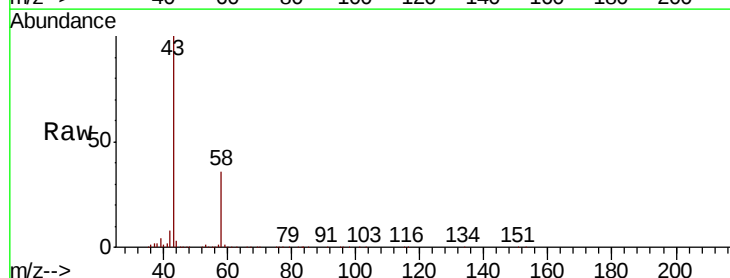
Acq: 10 Jun 2019 22:23

Tgt Ion: 43 Resp: 253438

Ion Ratio Lower Upper

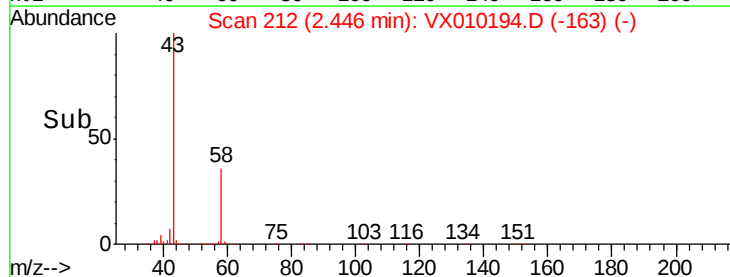
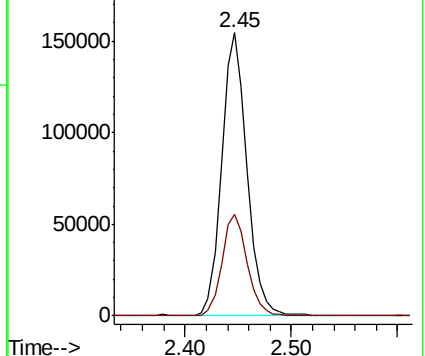
43 100

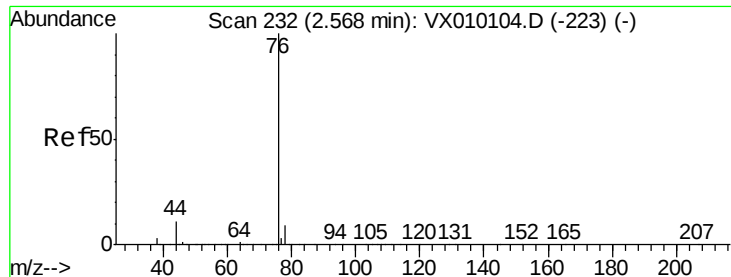
58 36.1 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

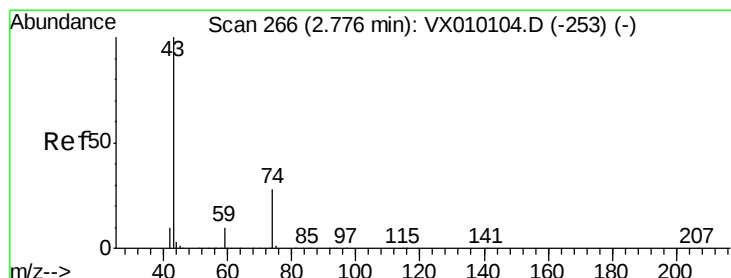
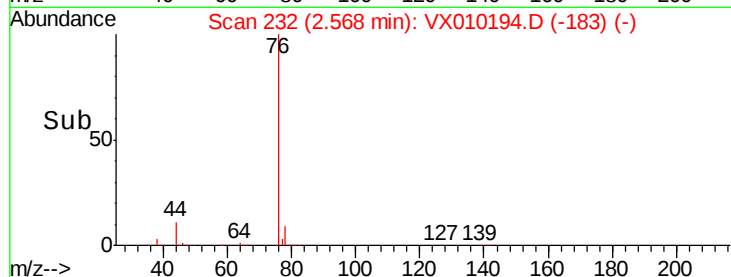
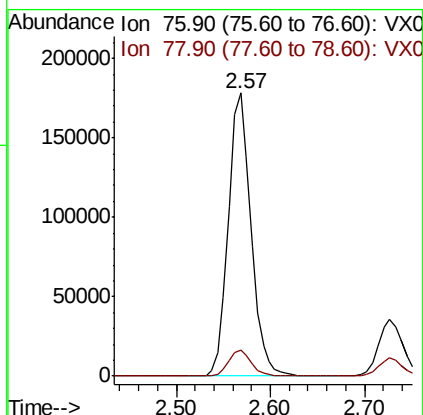
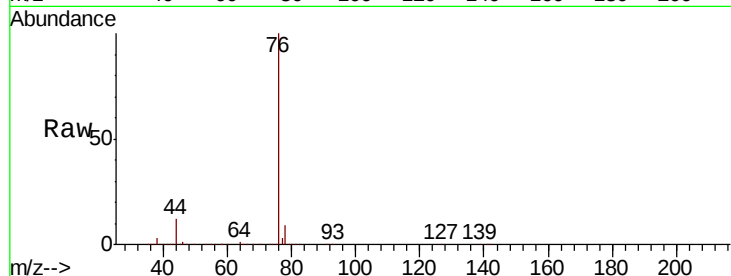




#17
Carbon Disulfide
Concen: 46.295 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

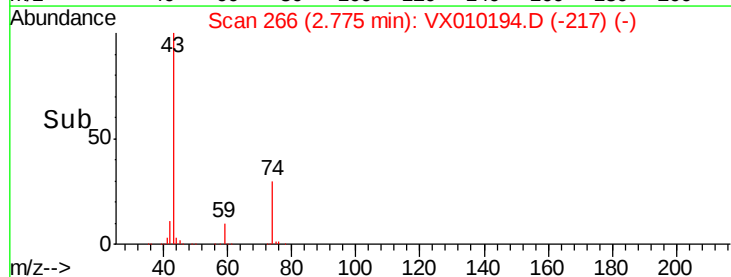
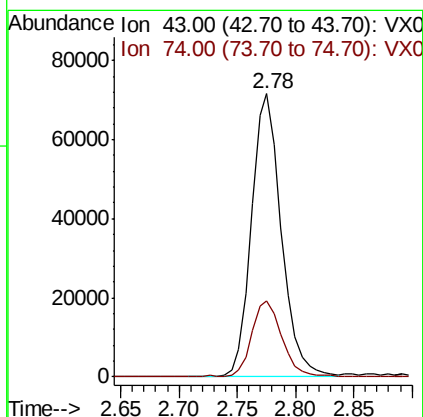
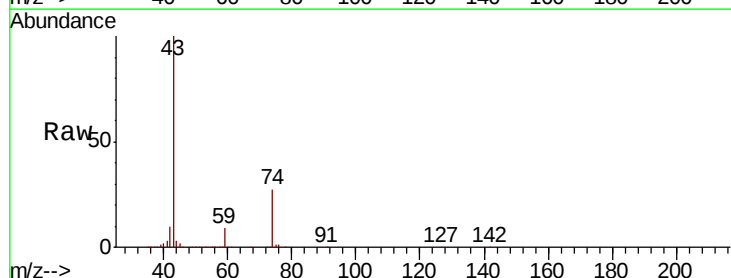
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 299421
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 50.734 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 43 Resp: 127652
Ion Ratio Lower Upper
43 100
74 27.5 15.8 23.6#

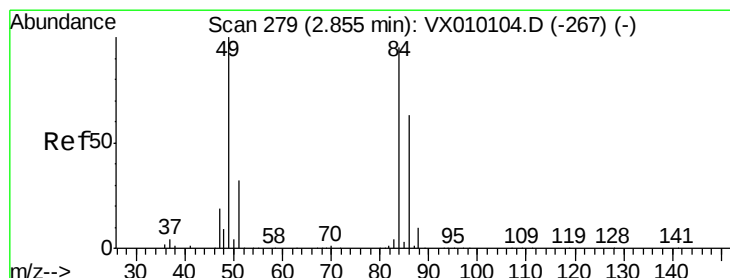
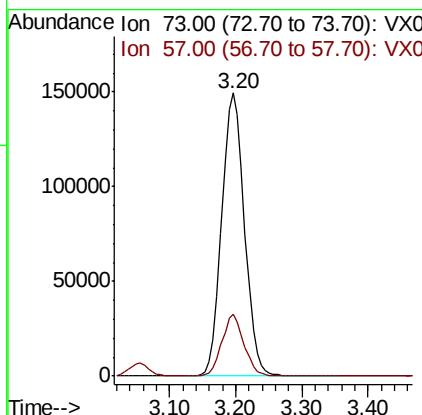
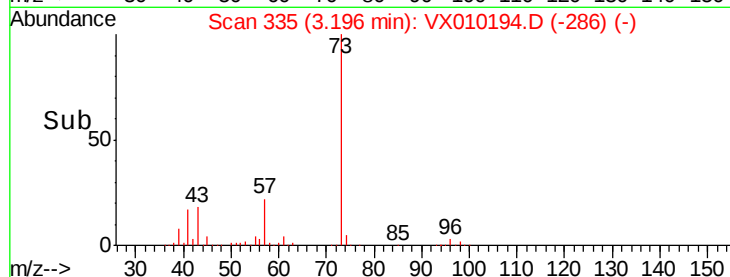
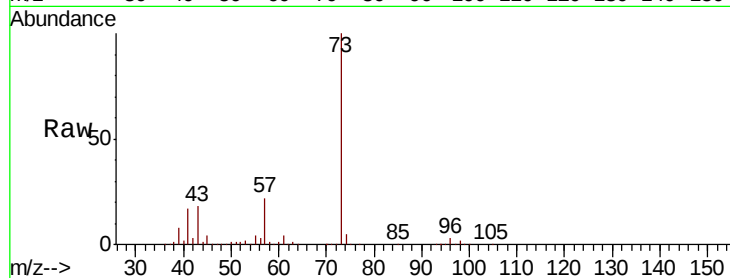




#19
Methvl tert-butvl Ether
Concen: 49.406 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

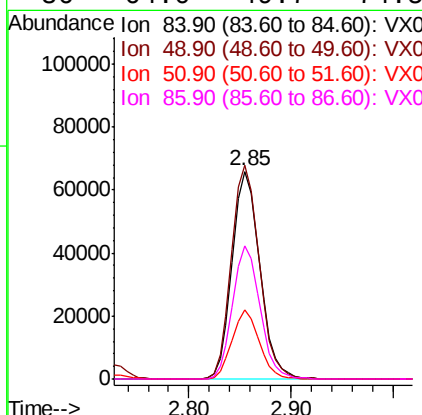
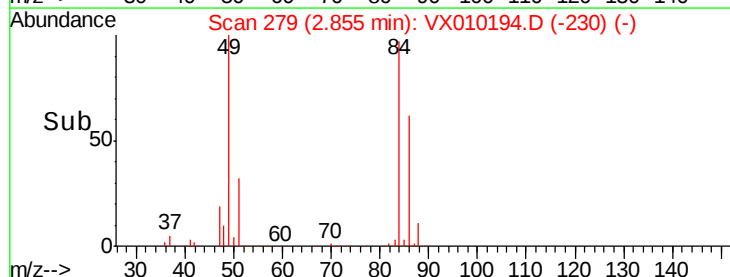
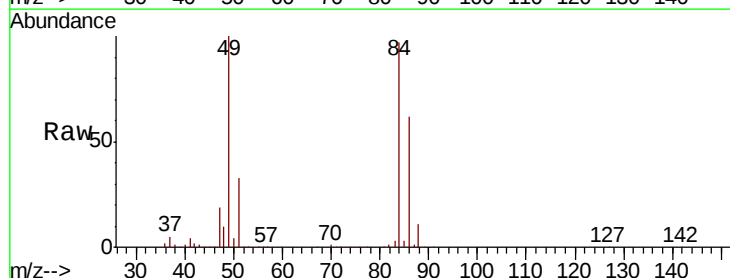
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

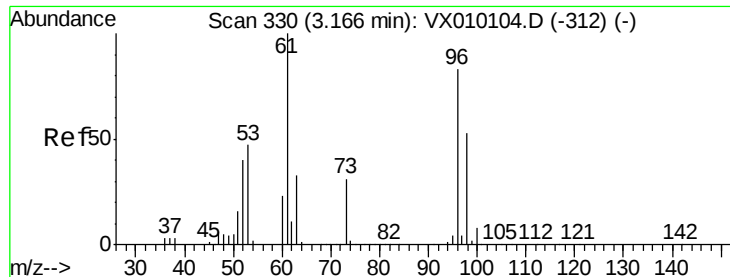
Tot Ion: 73 Resp: 355292
Ion Ratio Lower Upper
73 100
57 21.6 19.4 29.2



#20
Methylene Chloride
Concen: 49.456 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 84 Resp: 124266
Ion Ratio Lower Upper
84 100
49 102.7 115.8 173.6#
51 33.3 34.4 51.6#
86 64.0 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.649 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

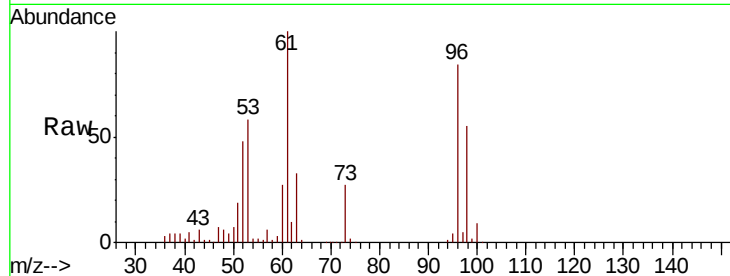
Tot Ion: 96 Resp: 118033

Ion Ratio Lower Upper

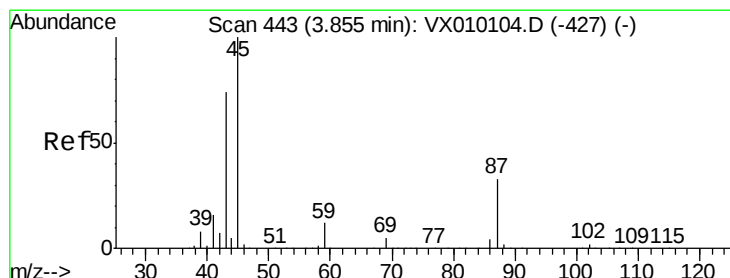
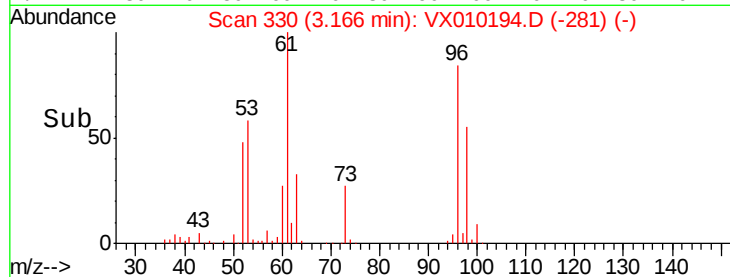
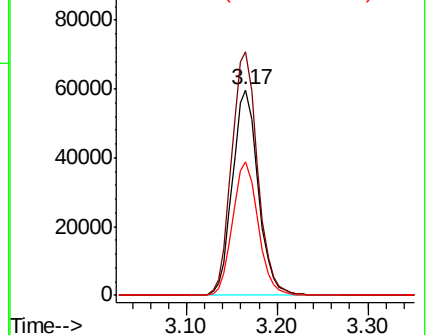
96 100

61 118.4 125.7 188.5#

98 64.9 49.0 73.6



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



#22

Diisopropyl ether

Concen: 50.916 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Tgt Ion: 45 Resp: 328914

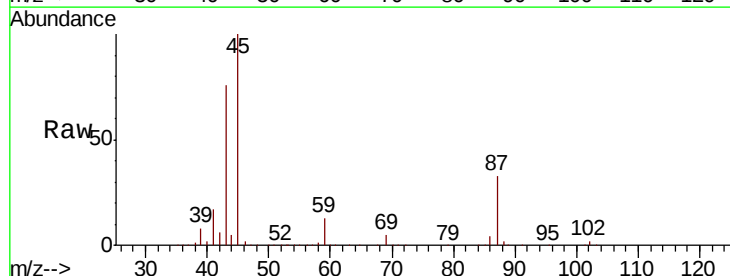
Ion Ratio Lower Upper

45 100

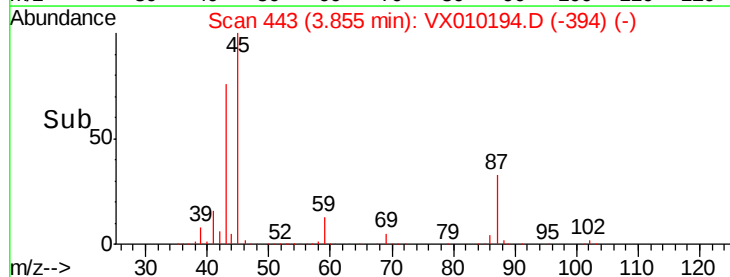
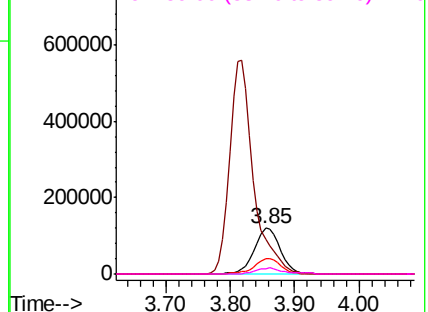
43 76.3 65.0 97.4

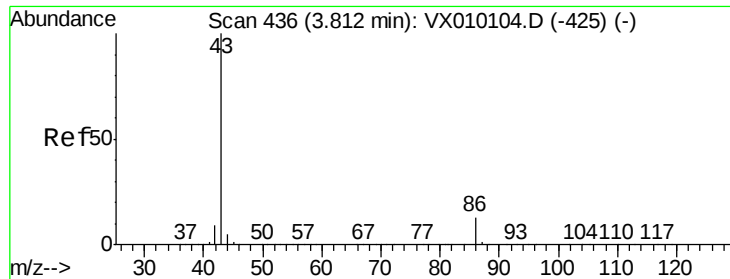
87 32.8 17.3 25.9#

59 12.6 8.1 12.1#



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: 252.393 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

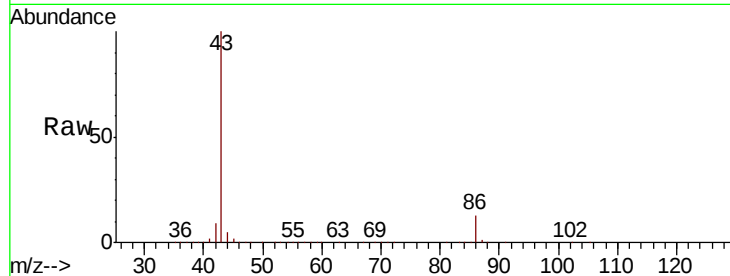
VSTDCCC050

Tot Ion: 43 Resp: 1454549

Ion Ratio Lower Upper

43 100

86 13.0 6.5 9.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

600000

500000

400000

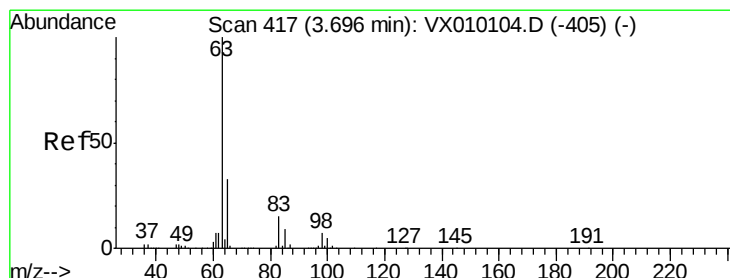
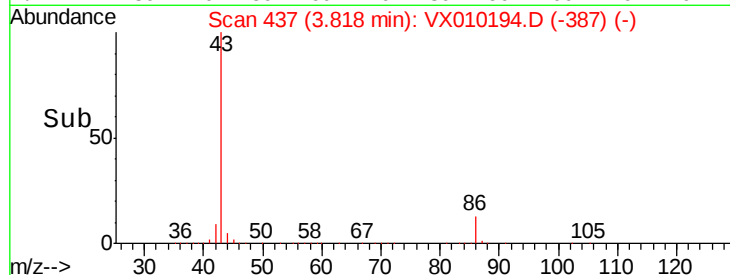
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.806 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

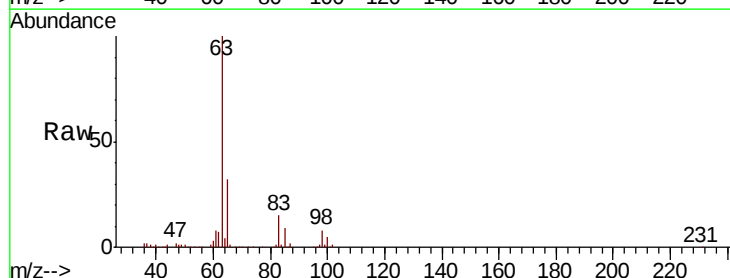
Tgt Ion: 63 Resp: 191428

Ion Ratio Lower Upper

63 100

98 8.4 2.9 8.8

100 5.1 1.8 5.4



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

100000

80000

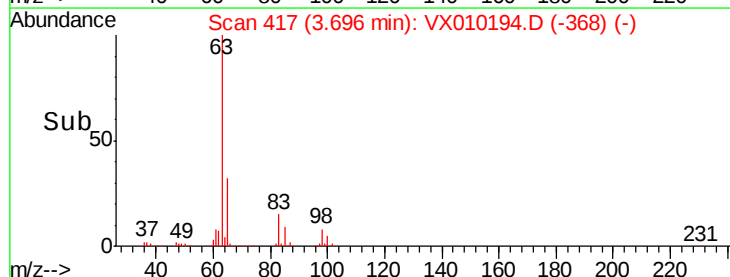
60000

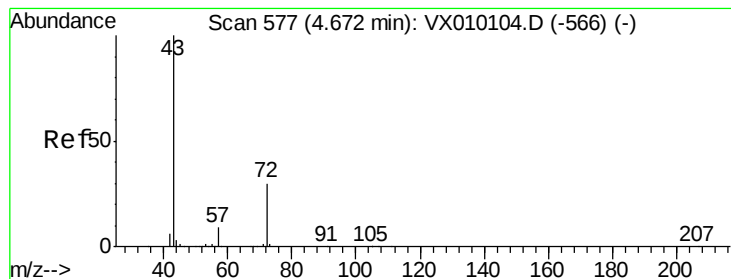
40000

20000

0

Time-->





#25

2-Butanone

Concen: 250.629 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

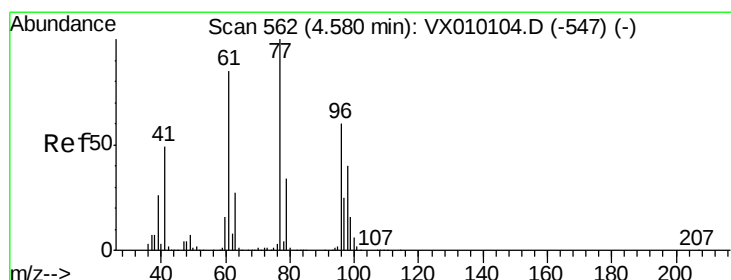
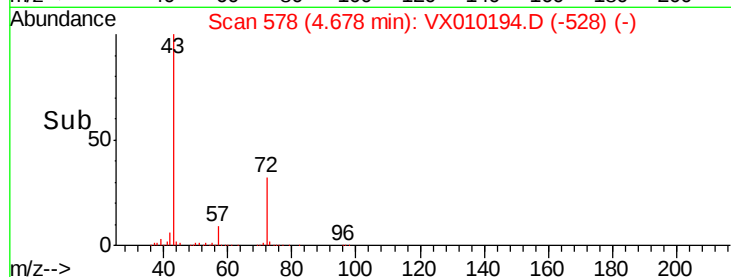
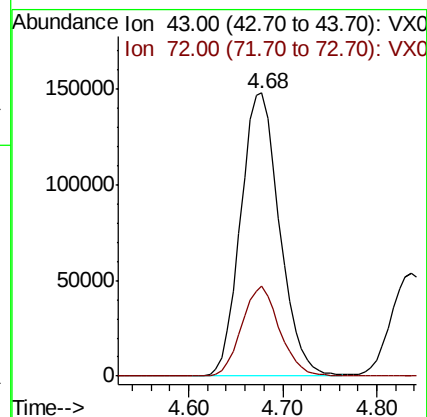
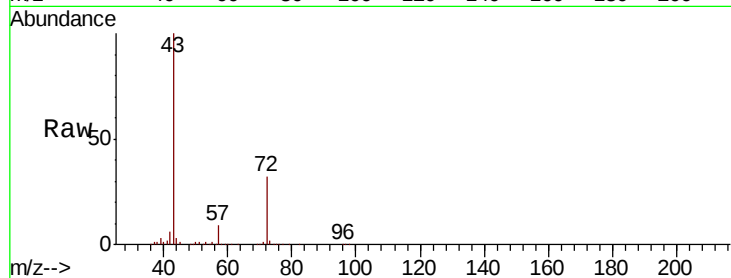
VSTDCCC050

Tot Ion: 43 Resp: 426992

Ion Ratio Lower Upper

43 100

72 31.6 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 40.011 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010194.D

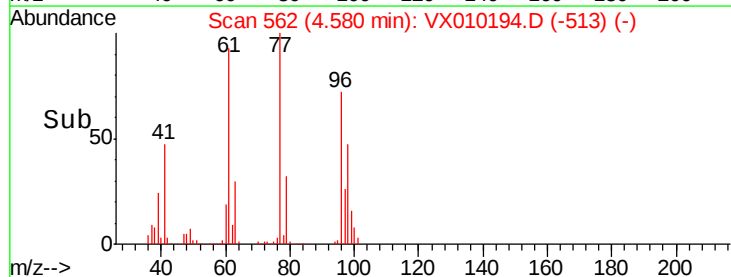
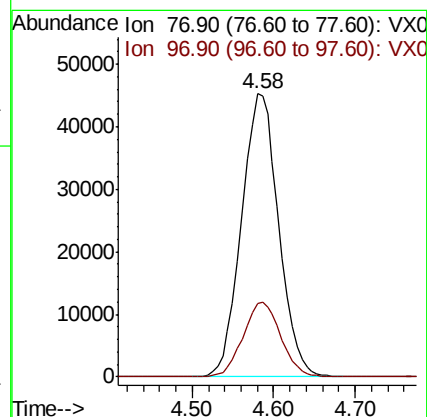
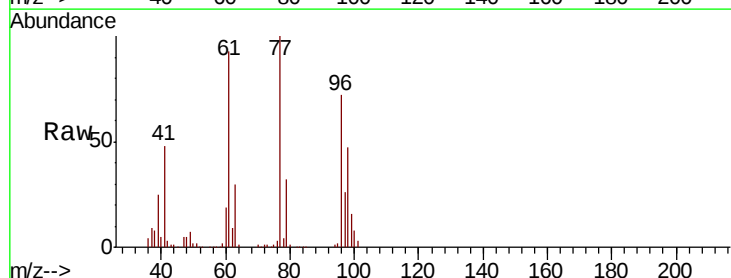
Acq: 10 Jun 2019 22:23

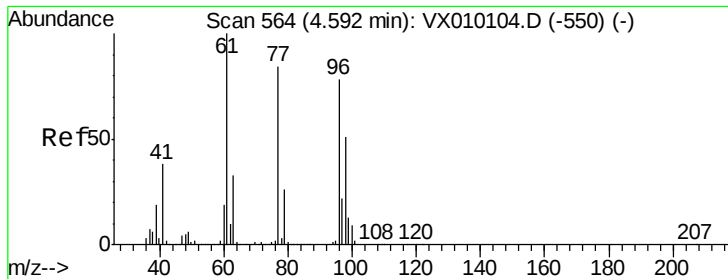
Tgt Ion: 77 Resp: 143169

Ion Ratio Lower Upper

77 100

97 26.8 11.4 34.2



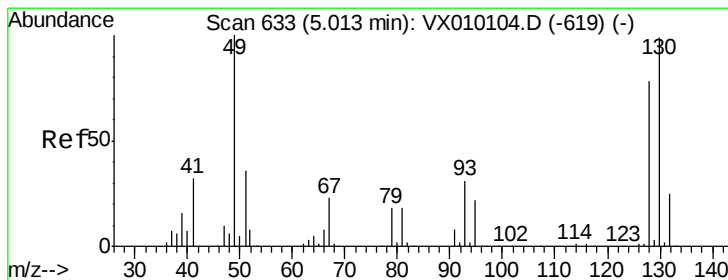
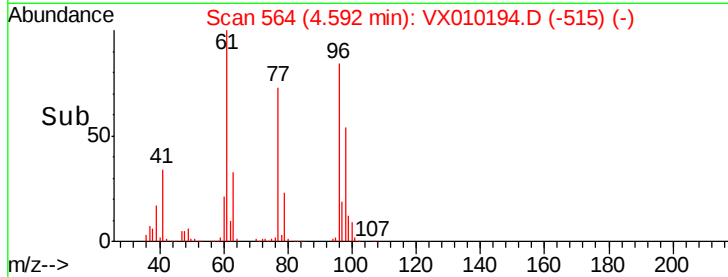
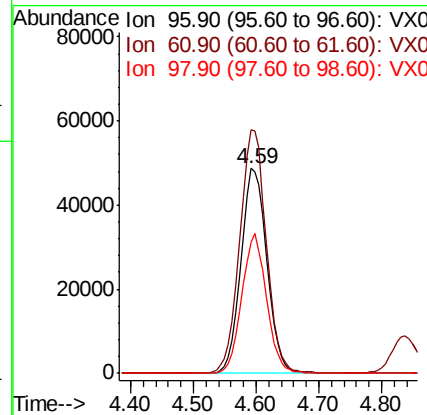
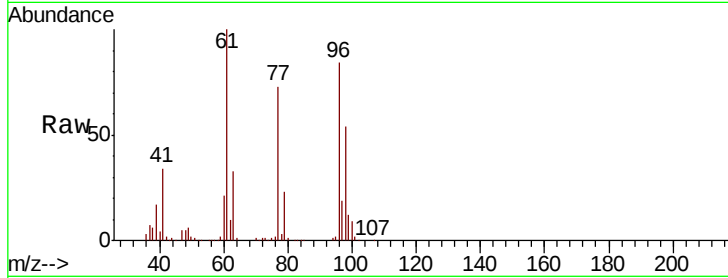


#27

cis-1,2-Dichloroethene
Concen: 50.557 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

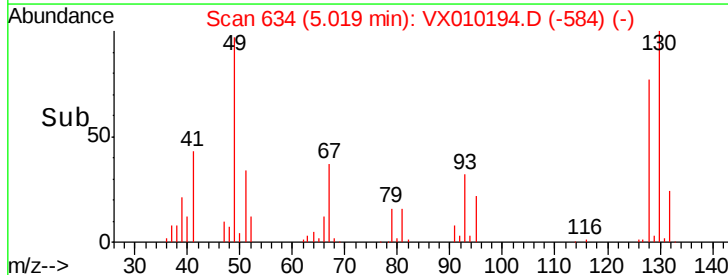
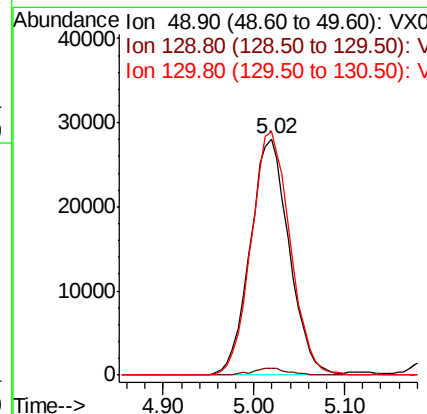
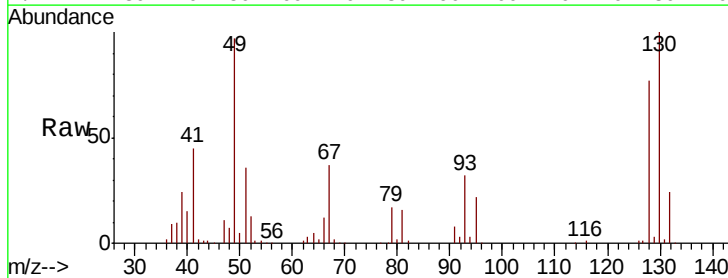
Tot Ion	96	Resp	139322
Ion	Ratio	Lower	Upper
96	100		
61	122.0	0.0	334.0
98	65.0	0.0	131.6

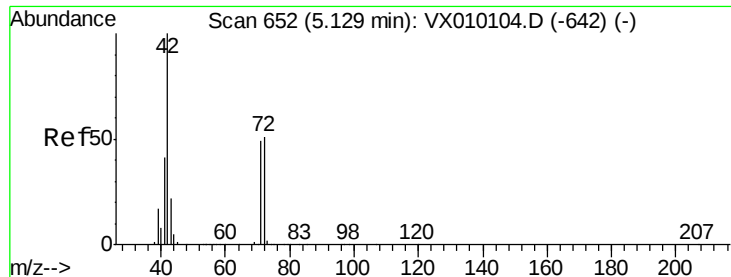


#28

Bromochloromethane
Concen: 47.615 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion	49	Resp	83700
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	3.4
130	102.7	49.4	74.2#





#29

Tetrahydrofuran

Concen: 257.194 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

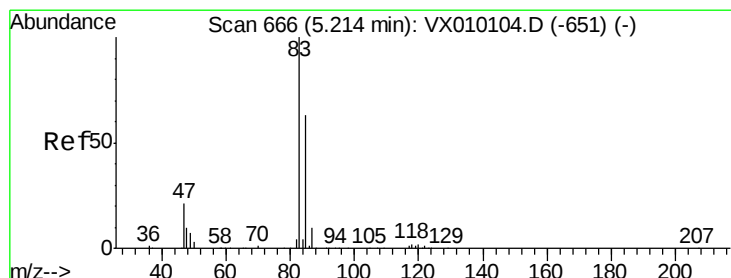
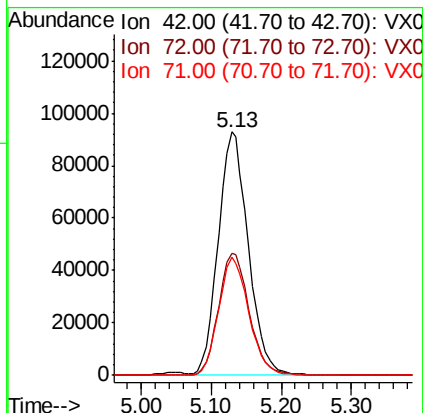
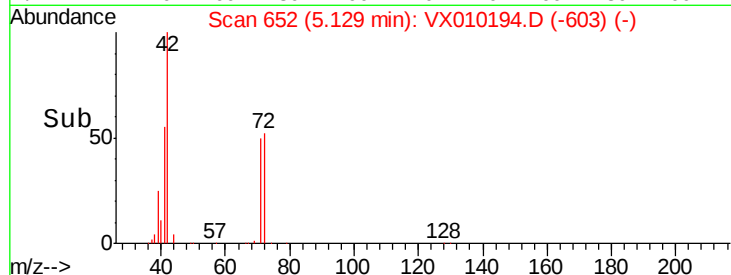
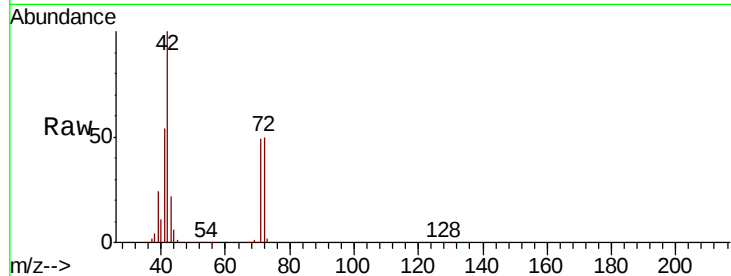
Tot Ion: 42 Resp: 275374

Ion Ratio Lower Upper

42 100

72 52.0 29.2 43.8#

71 49.0 27.6 41.4#



#30

Chloroform

Concen: 49.684 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX010194.D

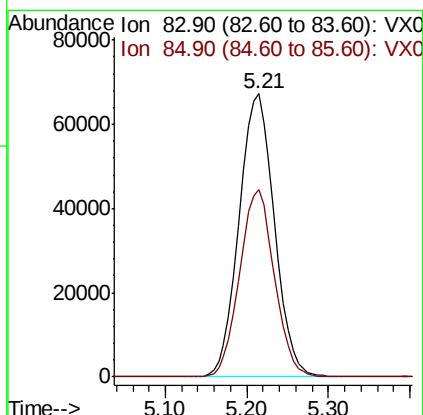
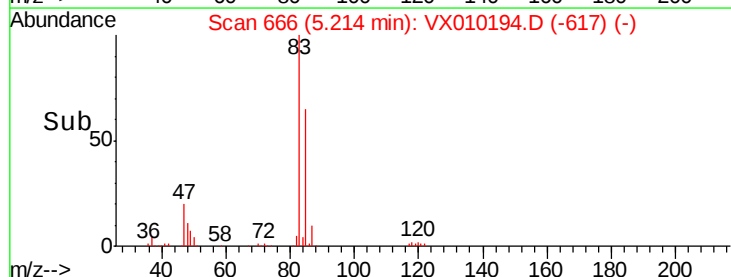
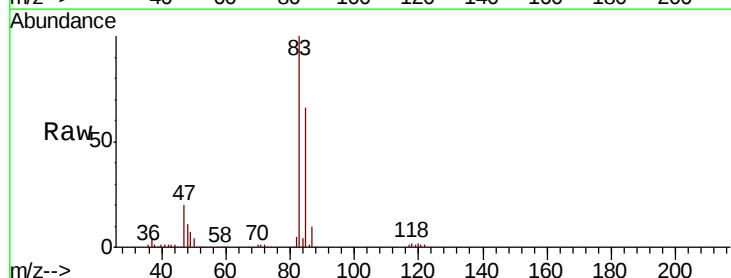
Acq: 10 Jun 2019 22:23

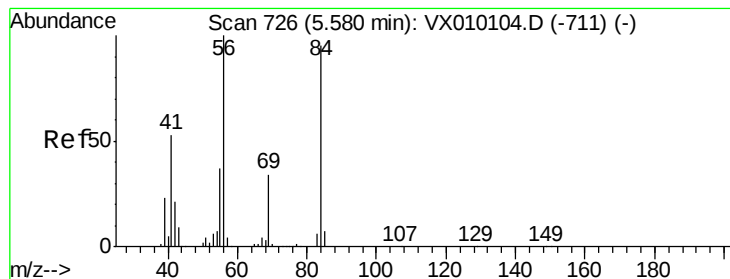
Tgt Ion: 83 Resp: 202384

Ion Ratio Lower Upper

83 100

85 66.1 52.6 78.8





#31

Cyclohexane

Concen: 49.750 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

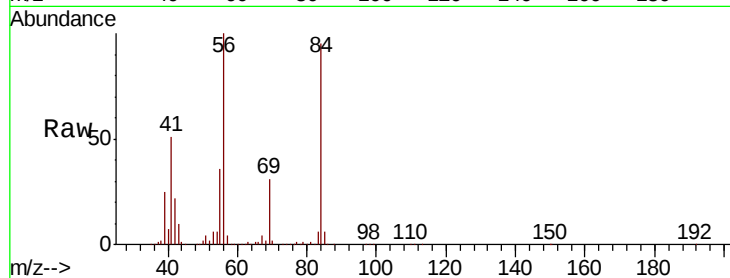
Tot Ion: 56 Resp: 176108

Ion Ratio Lower Upper

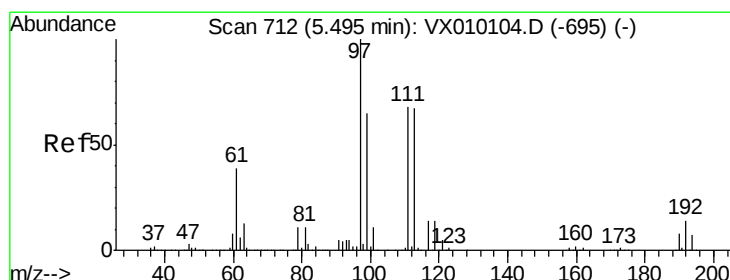
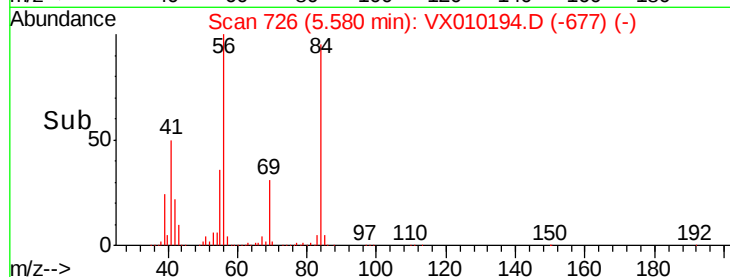
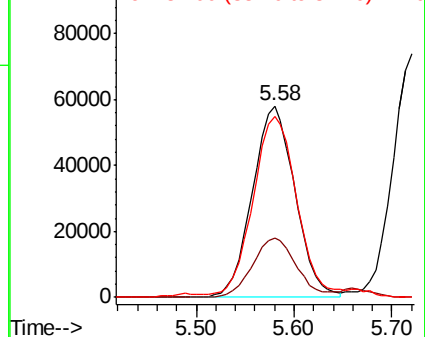
56 100

69 31.1 21.6 32.4

84 93.0 56.8 85.2#



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: 47.711 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

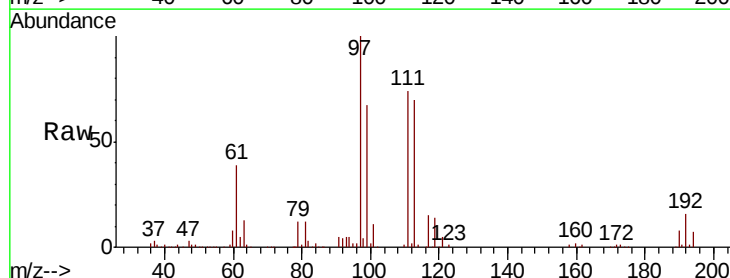
Tgt Ion: 97 Resp: 182705

Ion Ratio Lower Upper

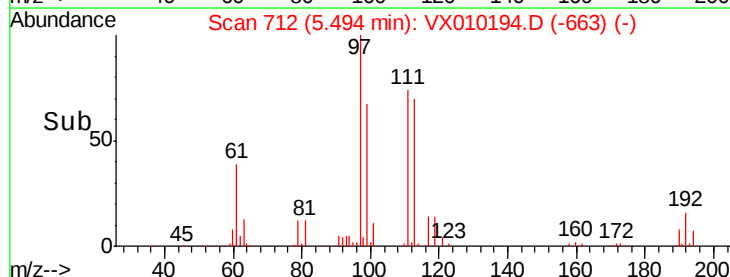
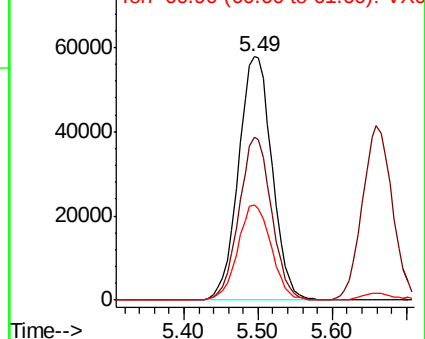
97 100

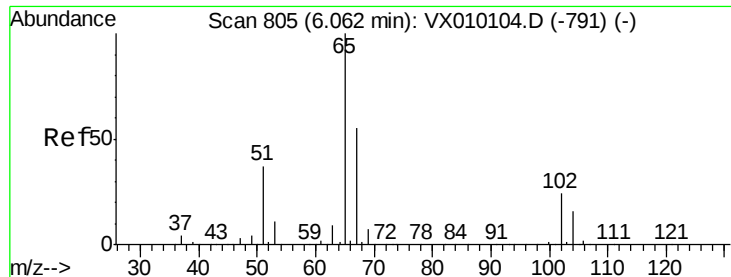
99 64.9 51.0 76.4

61 39.2 38.7 58.1



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: 49.317 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

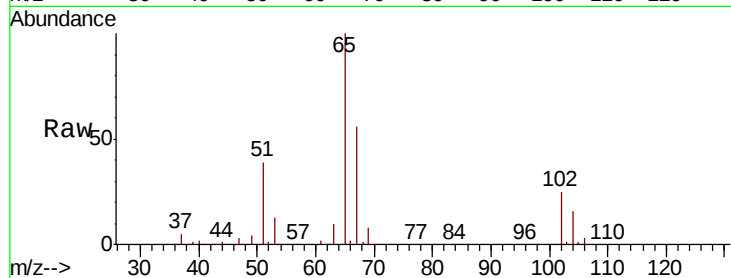
VSTDCCC050

Tot Ion: 65 Resp: 119965

Ion Ratio Lower Upper

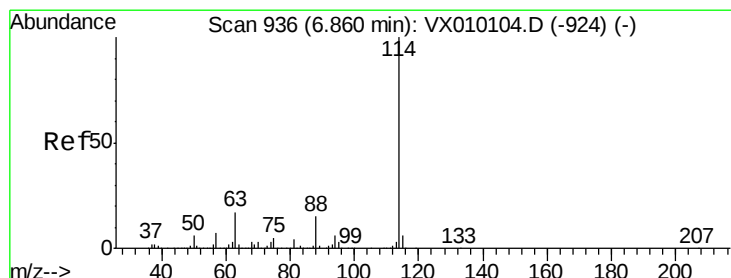
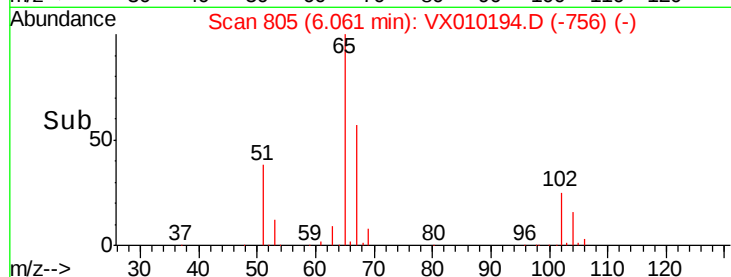
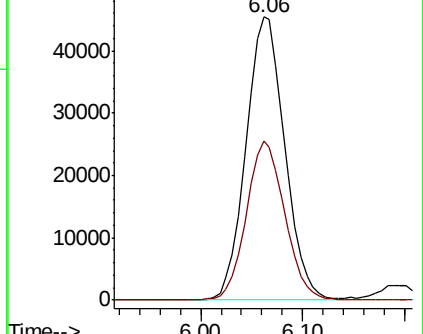
65 100

67 55.7 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

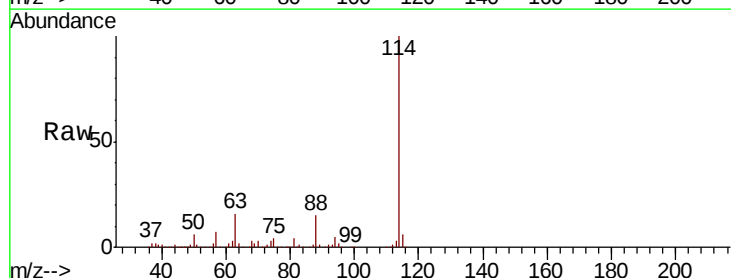
Tgt Ion: 114 Resp: 384104

Ion Ratio Lower Upper

114 100

63 16.3 0.0 47.4

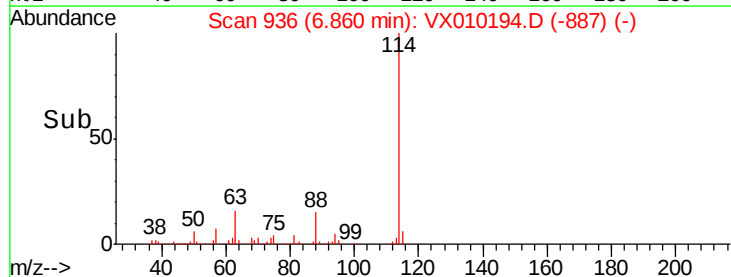
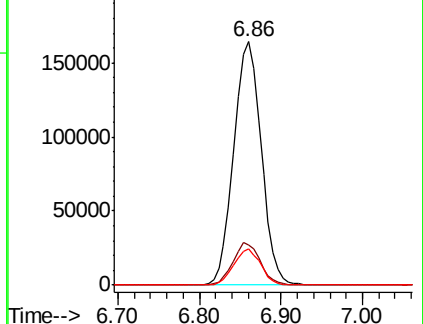
88 14.7 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.895 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

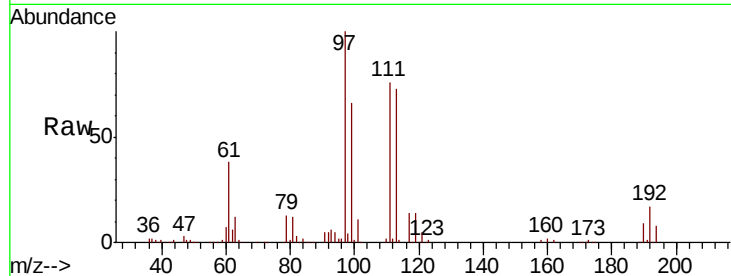
Tot Ion:113 Resp: 120583

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.2

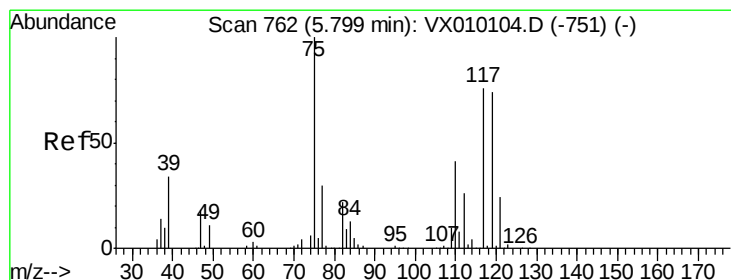
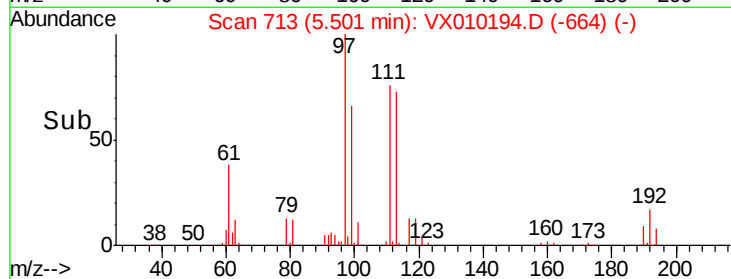
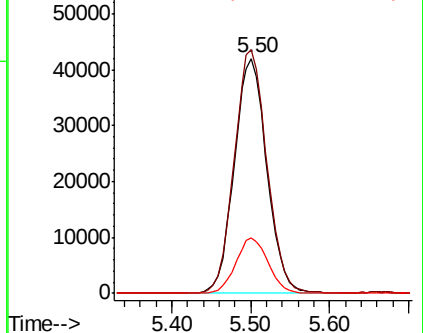
192 23.5 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.502 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

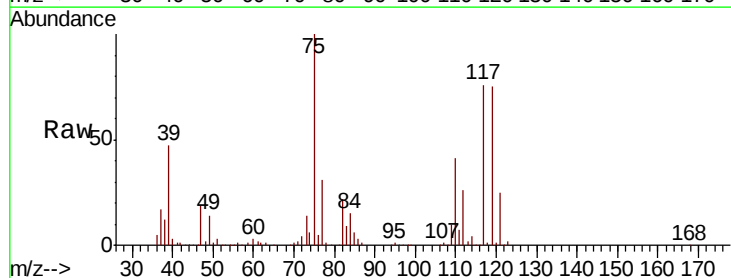
Tgt Ion: 75 Resp: 148857

Ion Ratio Lower Upper

75 100

110 42.0 16.7 50.1

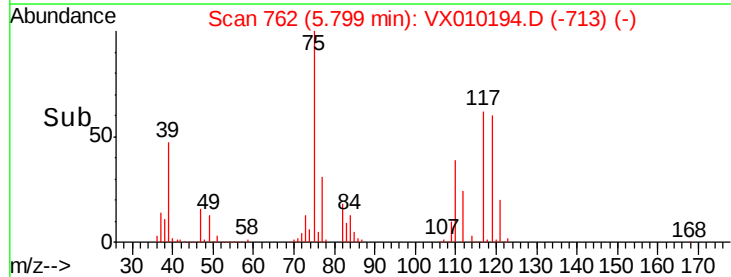
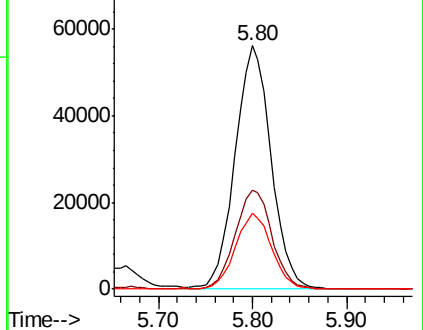
77 31.5 25.0 37.4

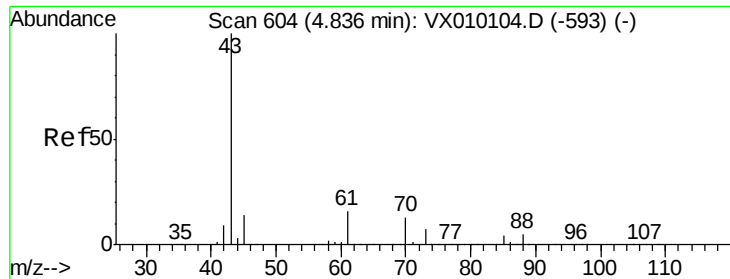


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

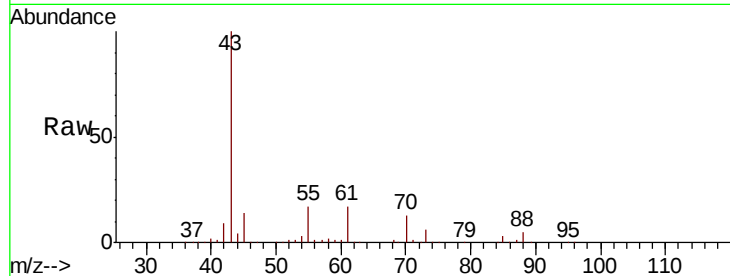




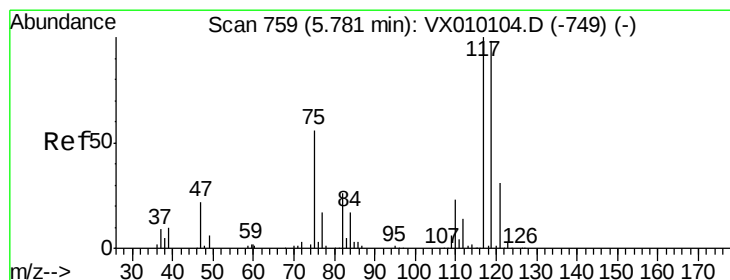
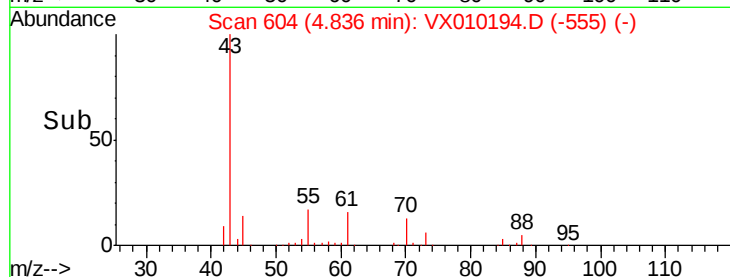
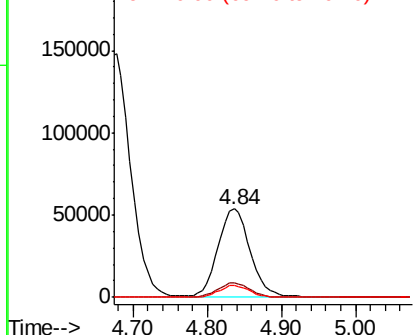
#37
Ethyl Acetate
Concen: 49.382 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 161012
Ion Ratio Lower Upper
43 100
61 15.9 10.2 15.2#
70 13.1 7.4 11.2#

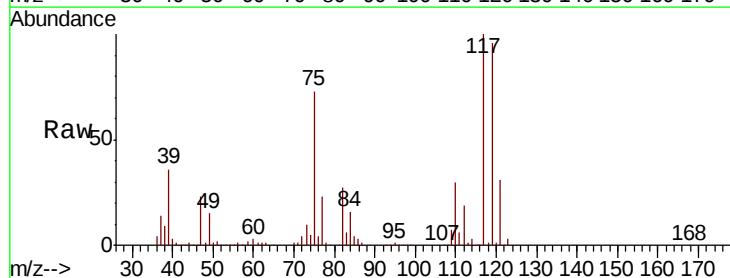


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

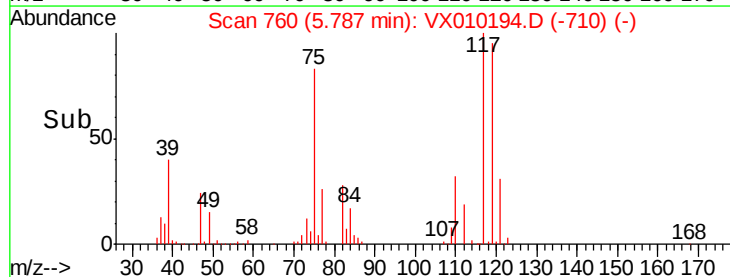
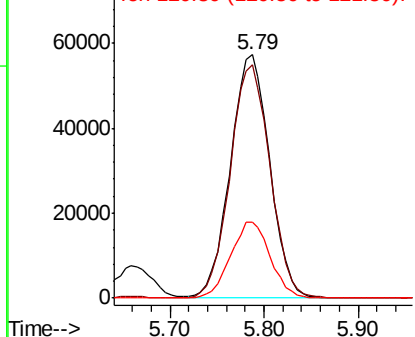


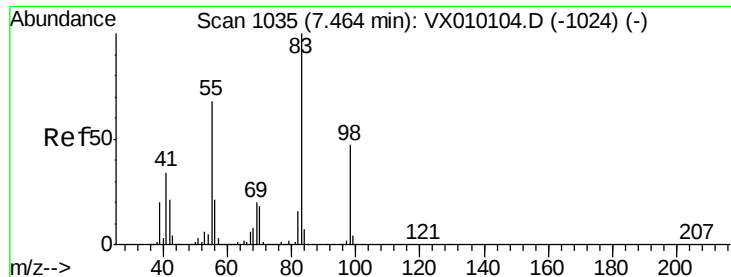
#38
Carbon Tetrachloride
Concen: 47.010 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 117 Resp: 166744
Ion Ratio Lower Upper
117 100
119 96.1 77.3 115.9
121 31.1 25.4 38.0



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

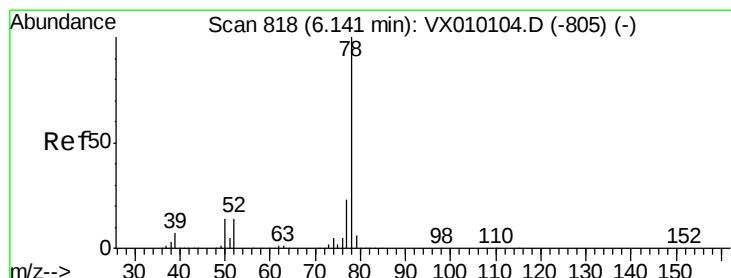
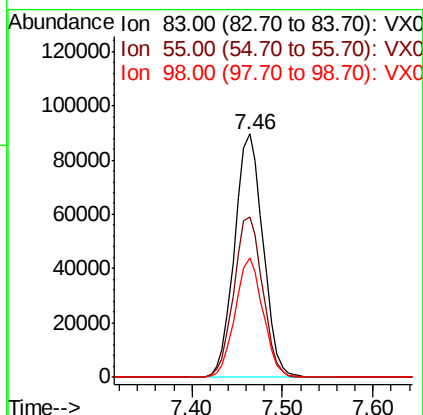
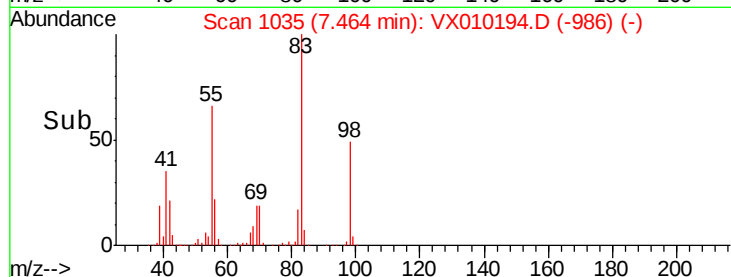
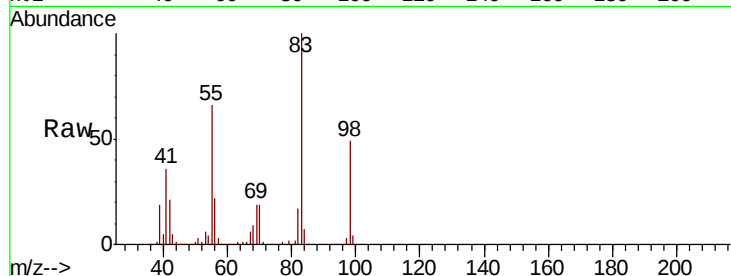




#39
Methvlcvclohexane
Concen: 45.795 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

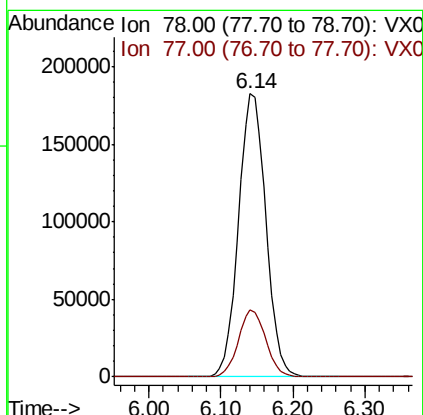
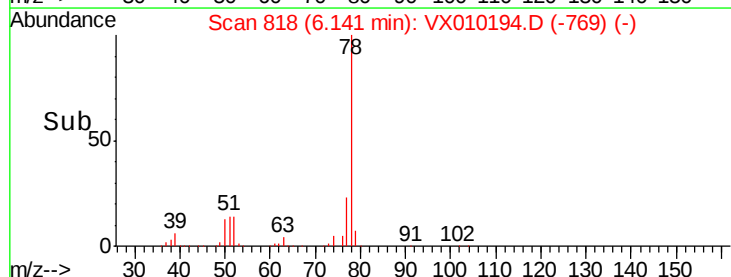
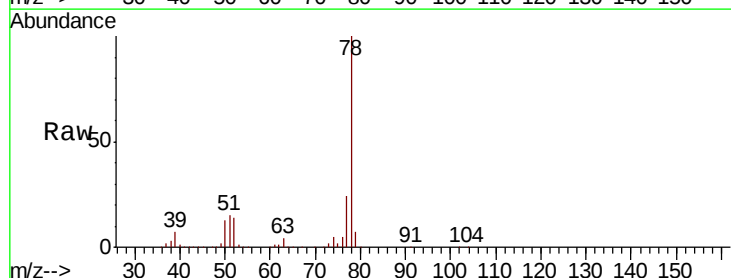
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 195412
Ion Ratio Lower Upper
83 100
55 65.6 69.9 104.9#
98 49.0 35.1 52.7



#40
Benzene
Concen: 49.658 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 78 Resp: 481190
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8

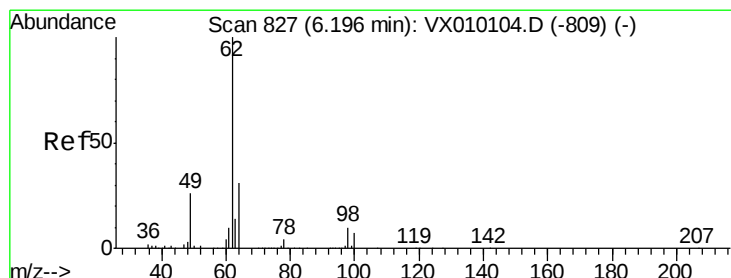
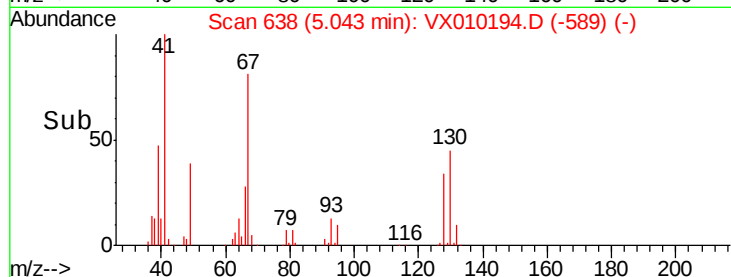
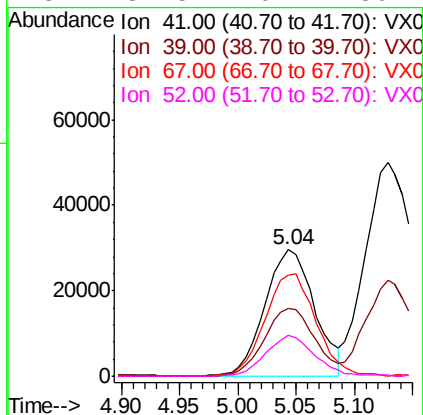
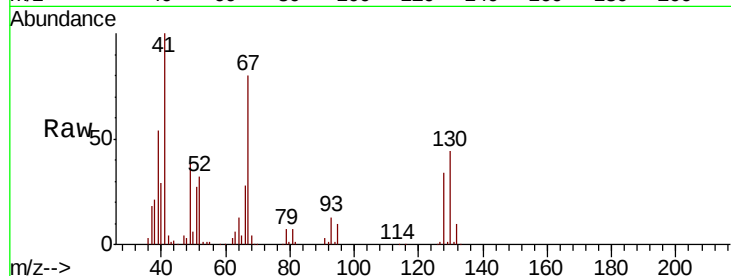




#41
Methacrylonitrile
Concen: 49.329 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

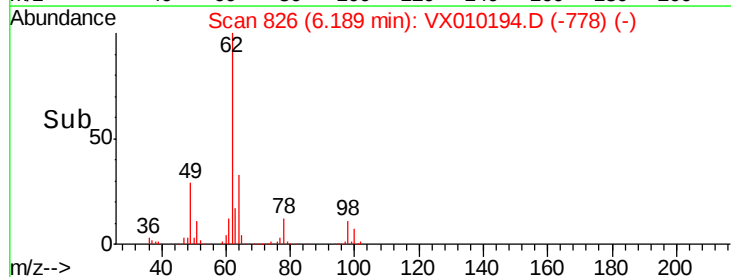
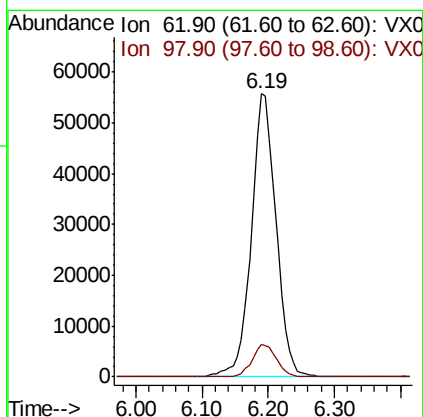
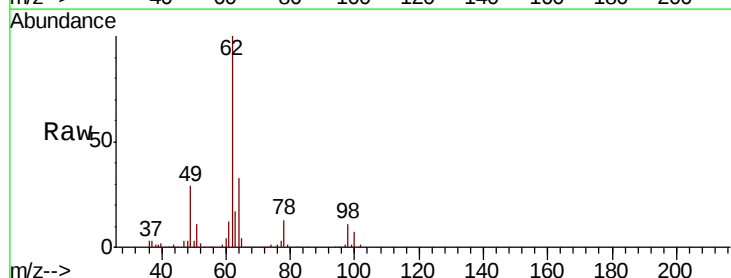
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

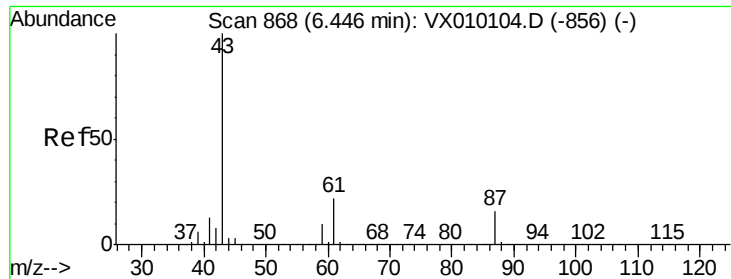
Tot Ion: 41 Resp: 87003
Ion Ratio Lower Upper
41 100
39 54.2 42.2 63.4
67 84.2 48.9 73.3#
52 31.5 20.1 30.1#



#42
1,2-Dichloroethane
Concen: 47.071 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 62 Resp: 145616
Ion Ratio Lower Upper
62 100
98 11.3 0.0 17.2



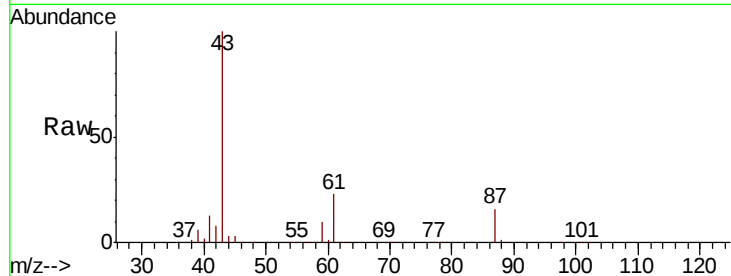


#43

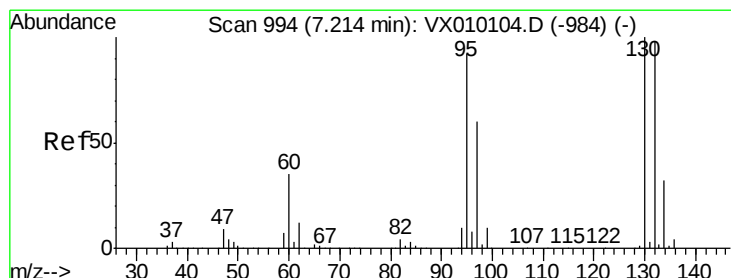
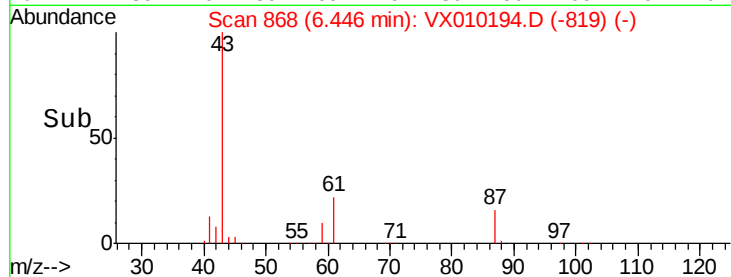
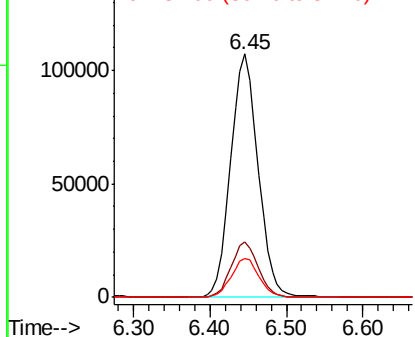
Isopropyl Acetate
 Concen: 48.669 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 265323
 Ion Ratio Lower Upper
 43 100
 61 22.6 14.6 21.8#
 87 16.2 8.7 13.1#



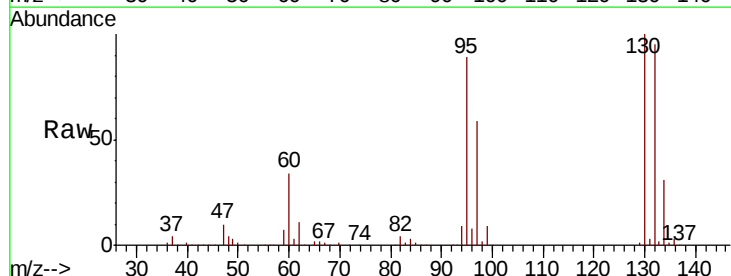
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



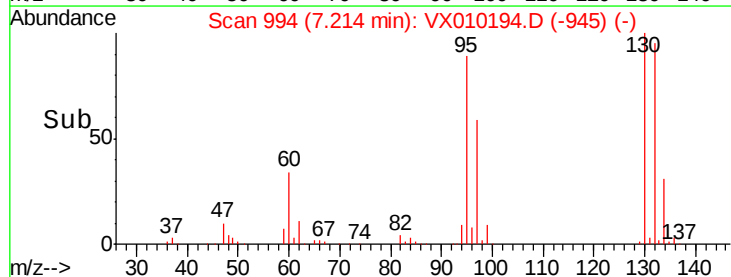
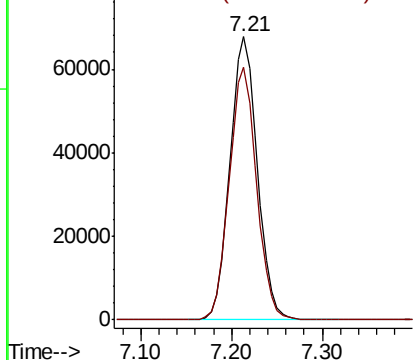
#44

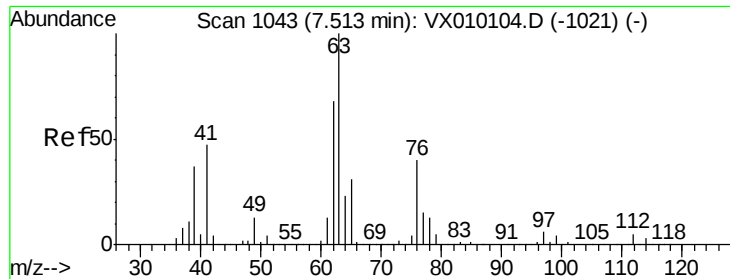
Trichloroethene
 Concen: 48.576 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Tgt Ion:130 Resp: 141884
 Ion Ratio Lower Upper
 130 100
 95 89.3 0.0 207.4



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





#45

1,2-Dichloropropane

Concen: 49.581 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

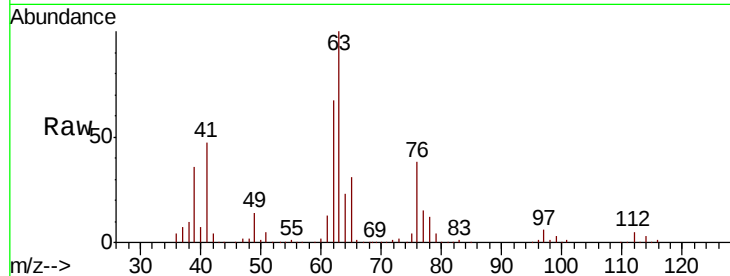
VSTDCCC050

Tot Ion: 63 Resp: 120251

Ion Ratio Lower Upper

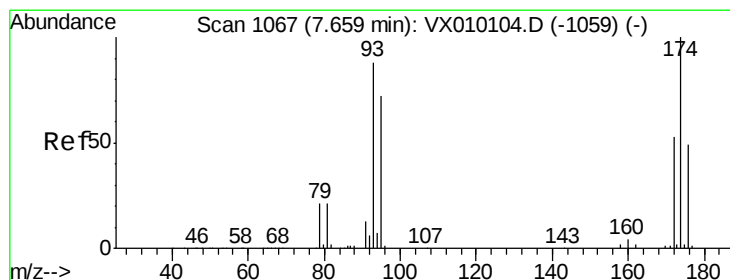
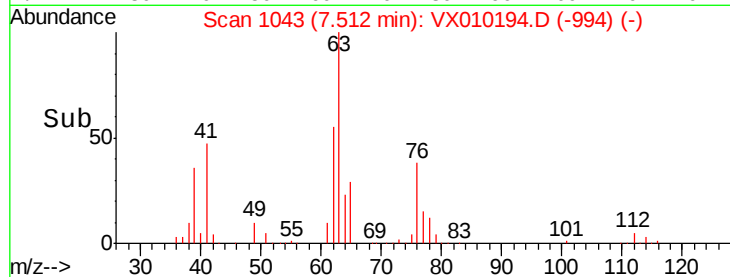
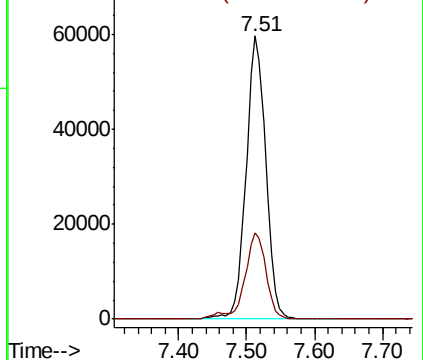
63 100

65 30.6 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.317 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

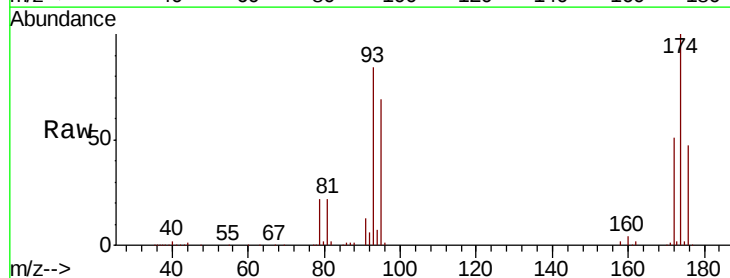
Tgt Ion: 93 Resp: 85975

Ion Ratio Lower Upper

93 100

95 84.2 66.8 100.2

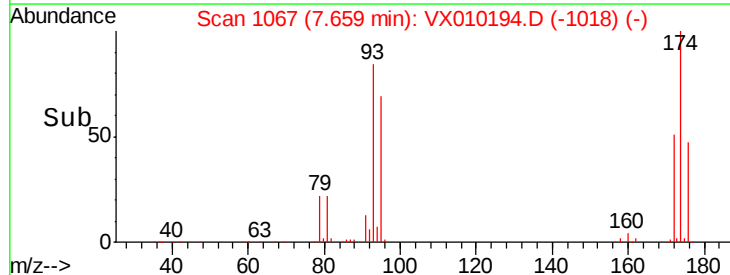
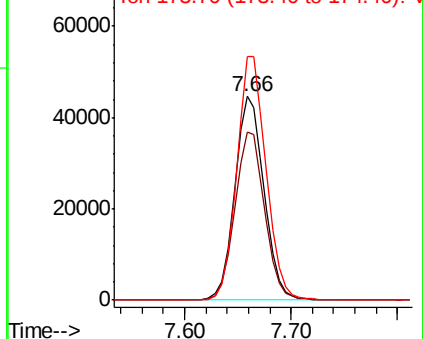
174 120.3 81.9 122.9



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: 47.724 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

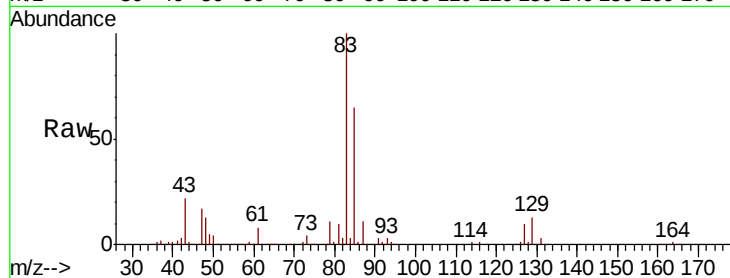
Tot Ion: 83 Resp: 162036

Ion Ratio Lower Upper

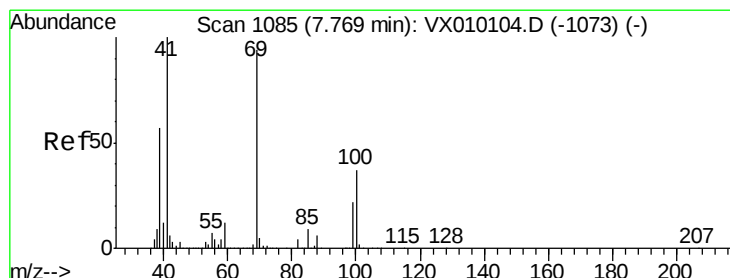
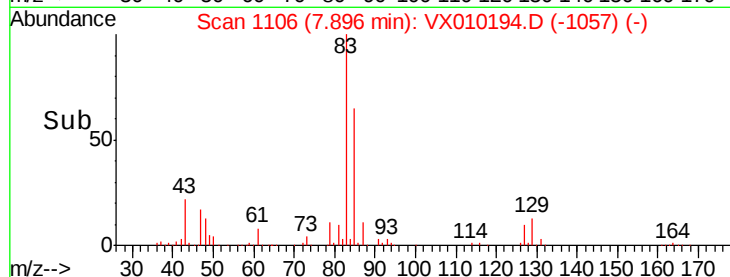
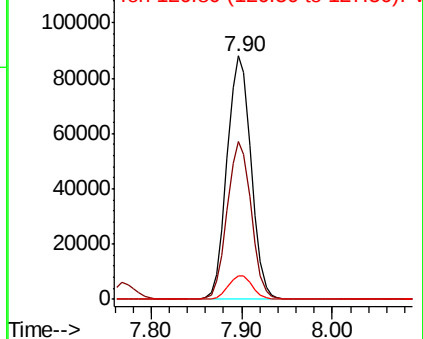
83 100

85 64.8 51.4 77.2

127 9.7 6.4 9.6#



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



#48

Methyl methacrylate

Concen: 48.299 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

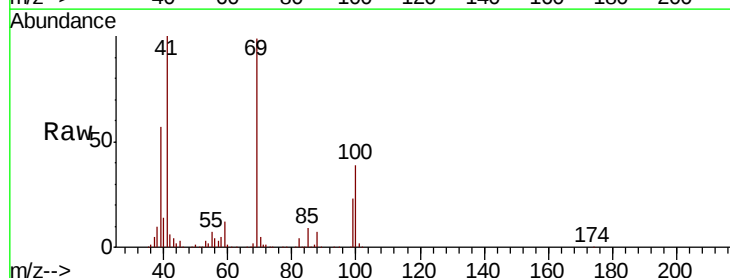
Tgt Ion: 41 Resp: 123140

Ion Ratio Lower Upper

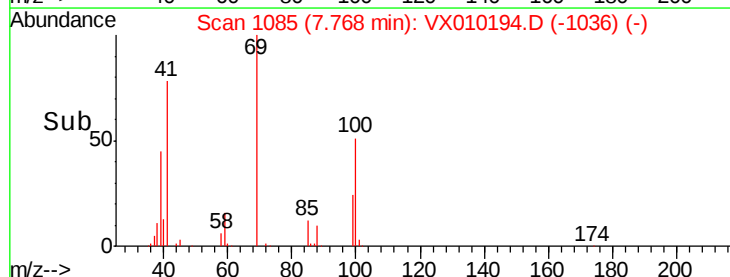
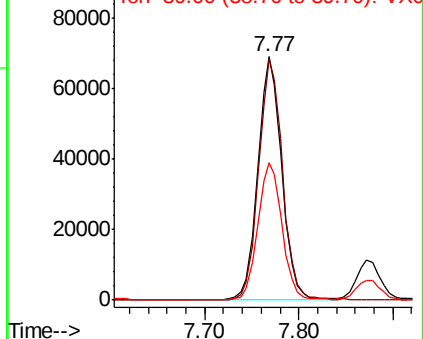
41 100

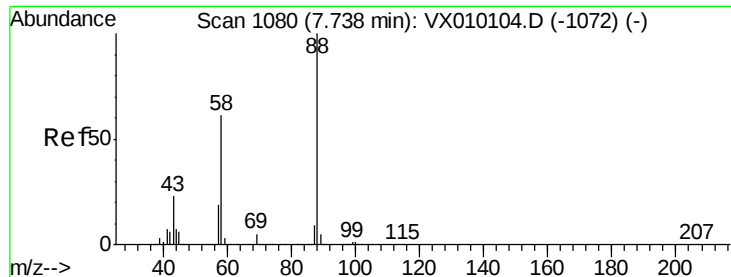
69 99.0 56.4 84.6#

39 57.1 40.6 60.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 999.208 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

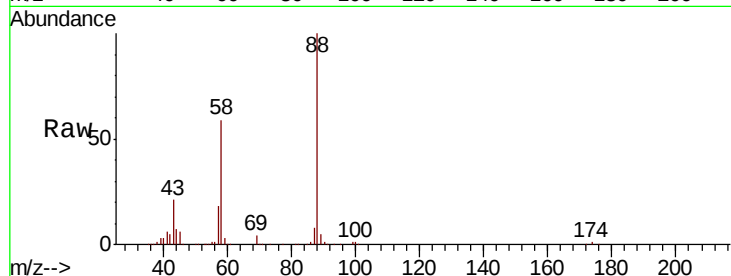
Tot Ion: 88 Resp: 72633

Ion Ratio Lower Upper

88 100

43 24.6 30.2 45.4#

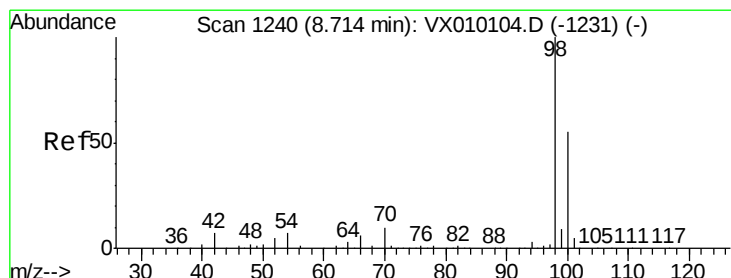
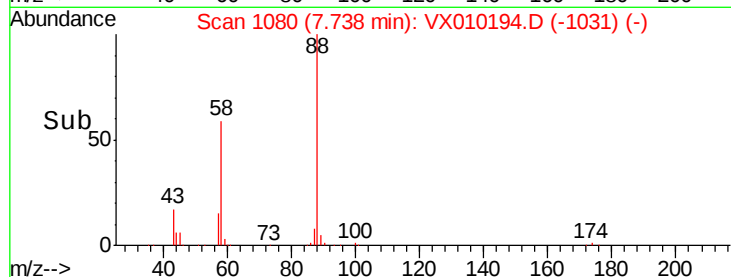
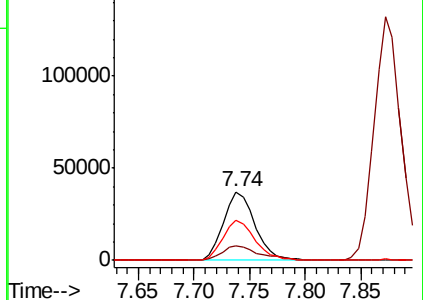
58 60.2 64.0 96.0#



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: 51.621 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010194.D

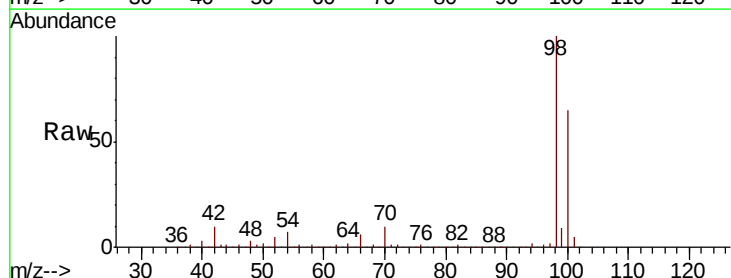
Acq: 10 Jun 2019 22:23

Tgt Ion: 98 Resp: 458374

Ion Ratio Lower Upper

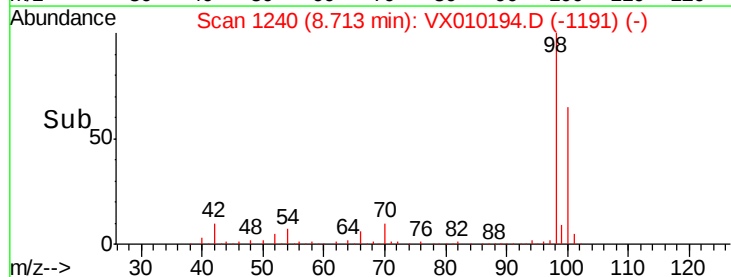
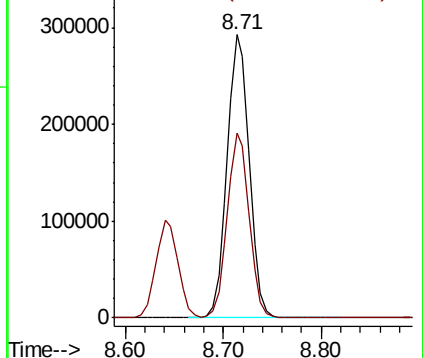
98 100

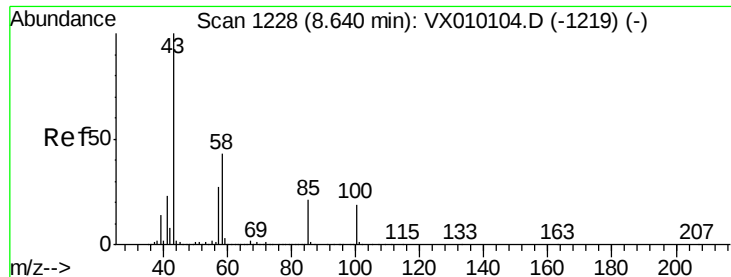
100 64.6 51.5 77.3



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: 260.668 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

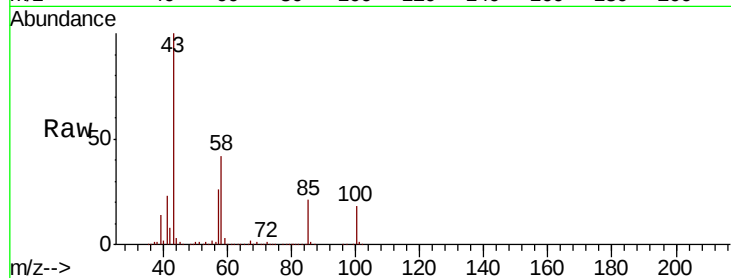
VSTDCCC050

Tot Ion: 43 Resp: 848935

Ion Ratio Lower Upper

43 100

58 42.3 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

600000

500000

400000

300000

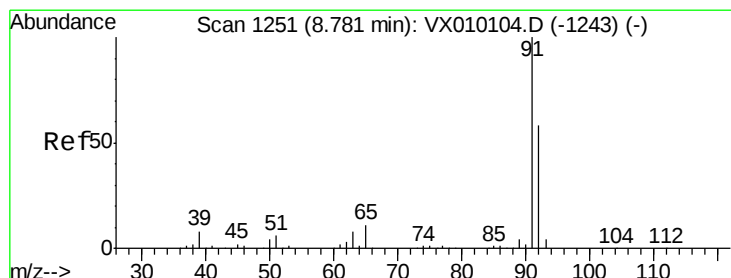
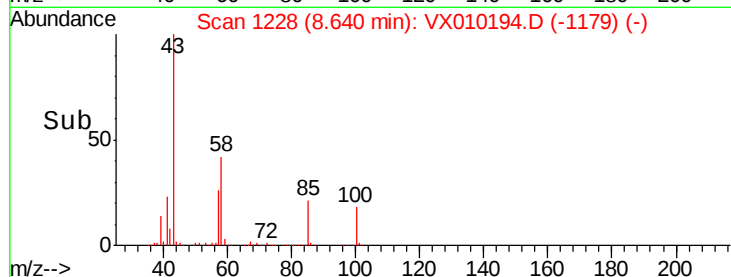
200000

100000

0

Time-->

8.55 8.60 8.65 8.70



#52

Toluene

Concen: 48.575 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010194.D

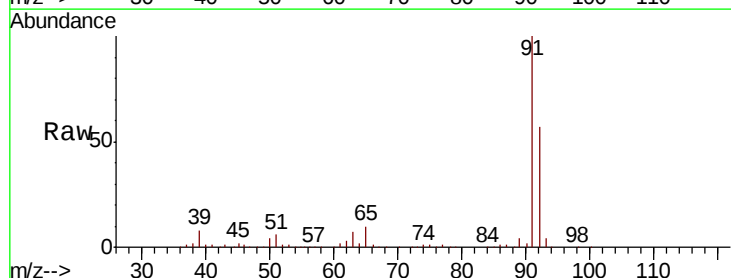
Acq: 10 Jun 2019 22:23

Tgt Ion: 92 Resp: 309409

Ion Ratio Lower Upper

92 100

91 175.6 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

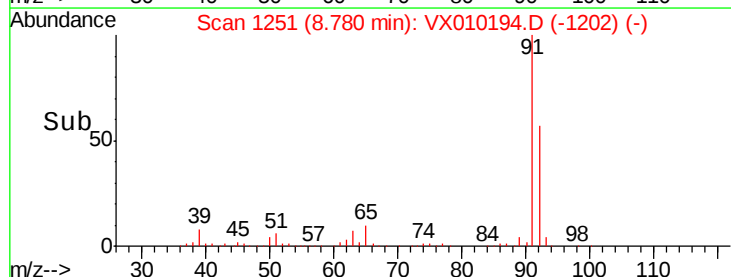
200000

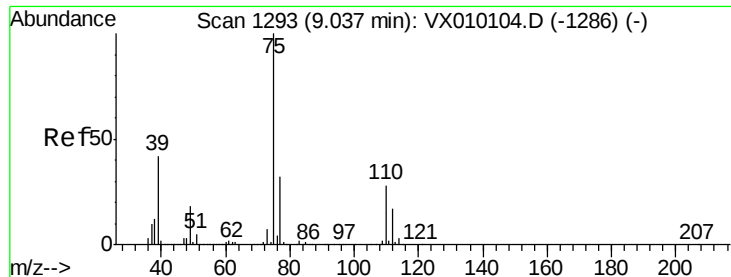
100000

0

Time-->

8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 45.768 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

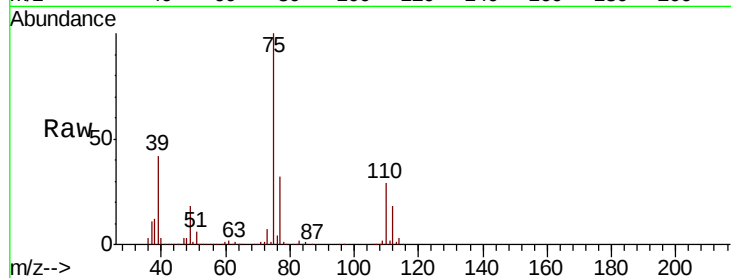
VSTDCCC050

Tot Ion: 75 Resp: 179740

Ion Ratio Lower Upper

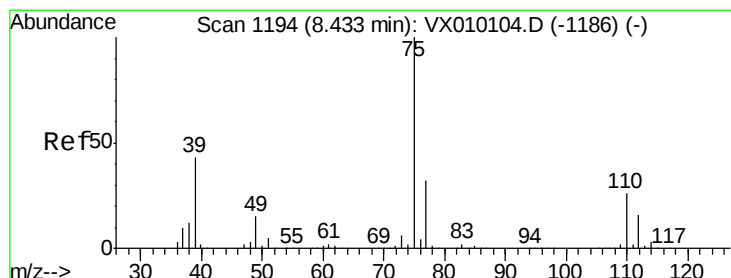
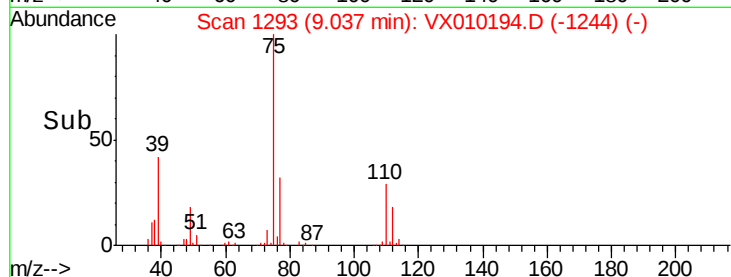
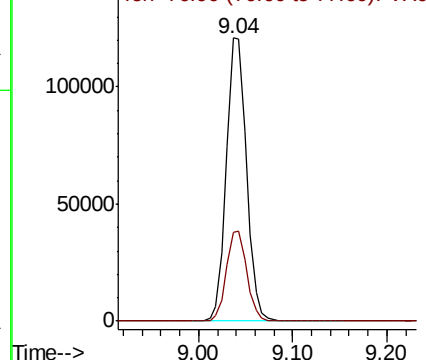
75 100

77 31.6 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 46.734 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

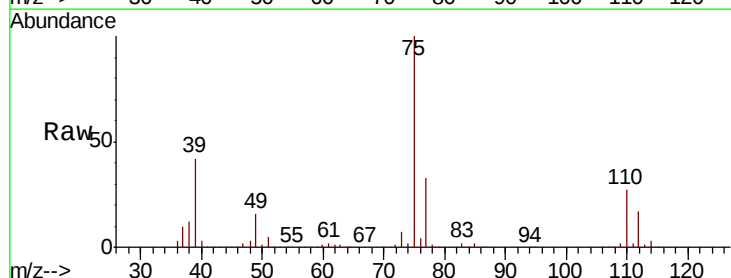
Tgt Ion: 75 Resp: 196755

Ion Ratio Lower Upper

75 100

77 32.6 24.8 37.2

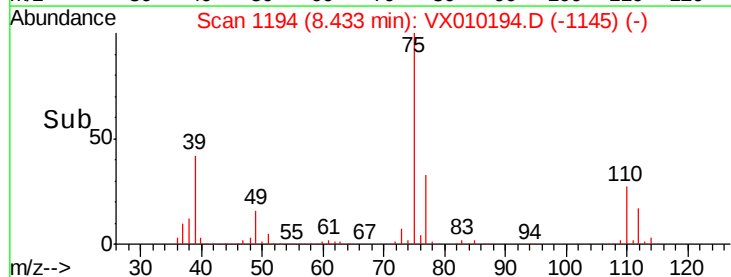
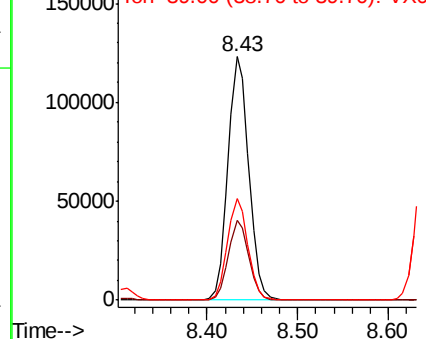
39 41.6 43.4 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 50.087 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

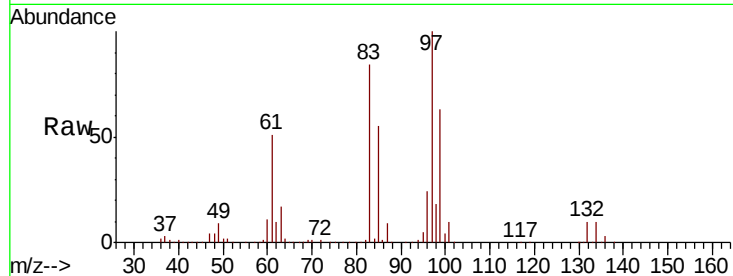
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 130661

Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.8	104.8
85	54.9	45.3	67.9
99	62.6	49.0	73.4

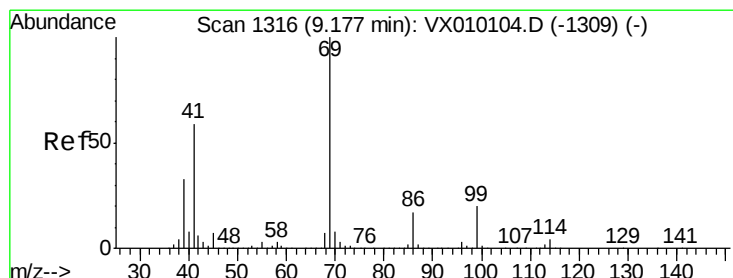
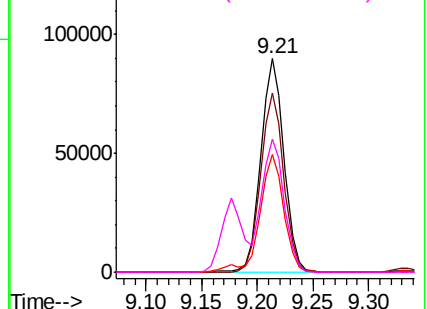
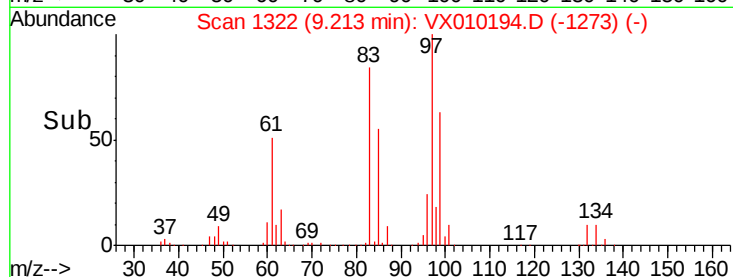


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 49.986 ug/l

RT: 9.18 min Scan# 1316

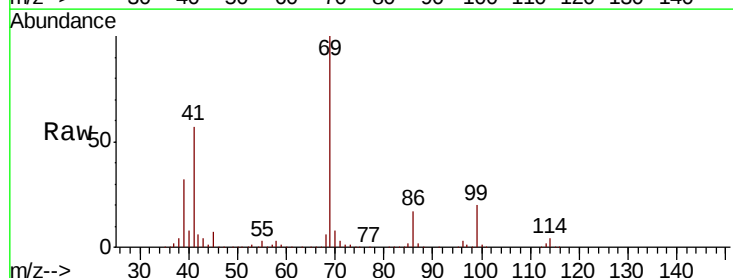
Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Tgt Ion: 69 Resp: 205981

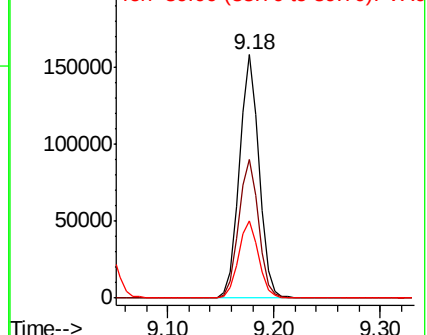
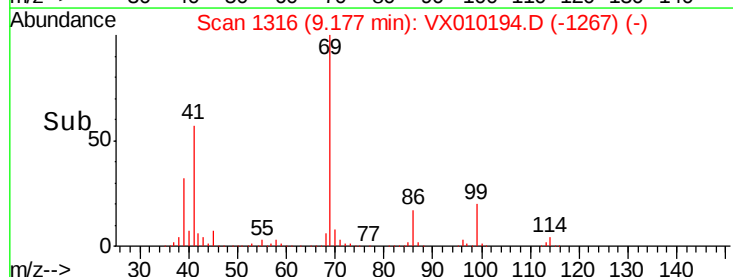
Ion	Ratio	Lower	Upper
69	100		
41	57.9	62.7	94.1#
39	32.4	29.5	44.3



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.780 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

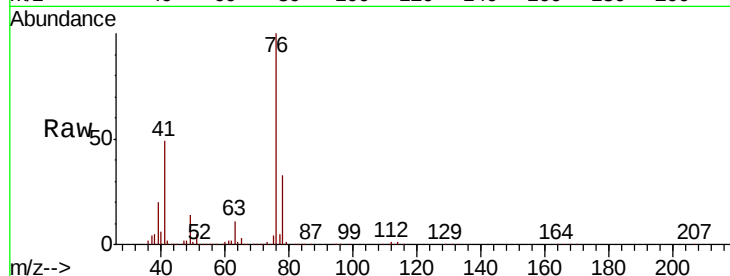
VSTDCCC050

Tot Ion: 76 Resp: 200336

Ion Ratio Lower Upper

76 100

78 32.8 25.4 38.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

150000

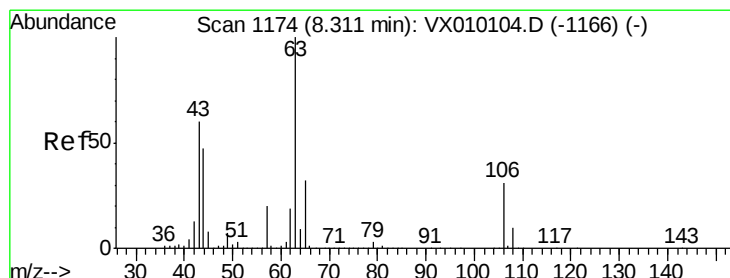
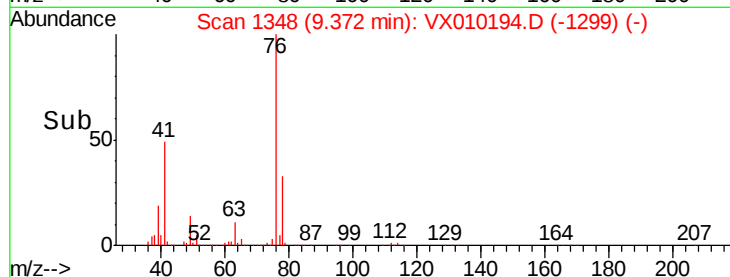
100000

50000

0

9.30 9.35 9.40 9.45

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 243.135 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010194.D

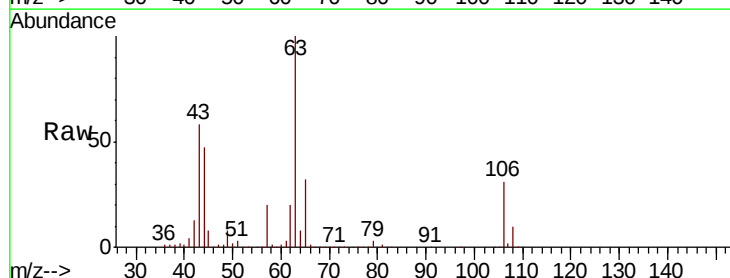
Acq: 10 Jun 2019 22:23

Tgt Ion: 63 Resp: 472322

Ion Ratio Lower Upper

63 100

106 31.1 19.4 29.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

300000

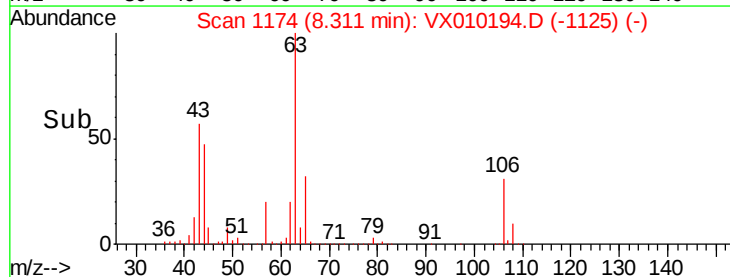
200000

100000

0

8.20 8.30 8.40

Time-->

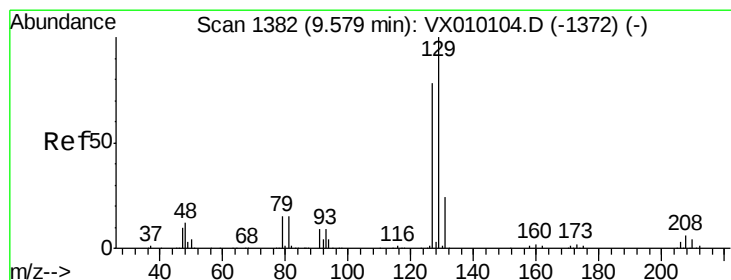
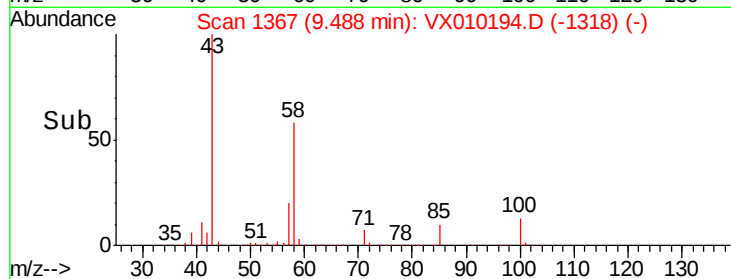
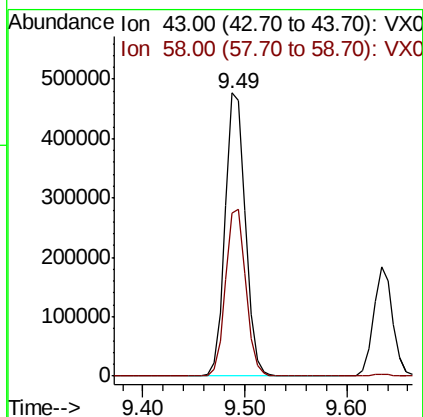
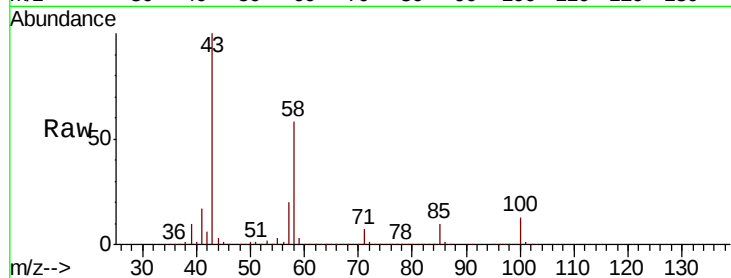




#59
2-Hexanone
Concen: 251.980 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

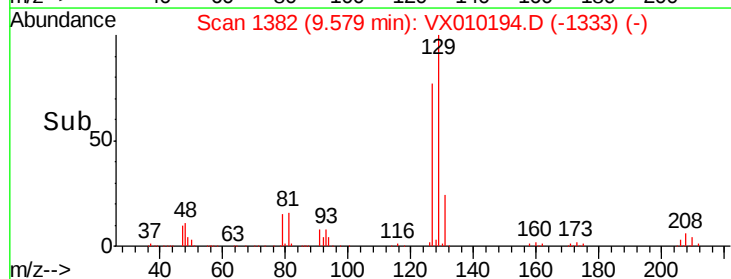
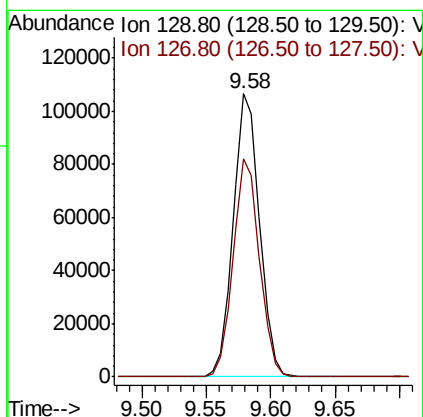
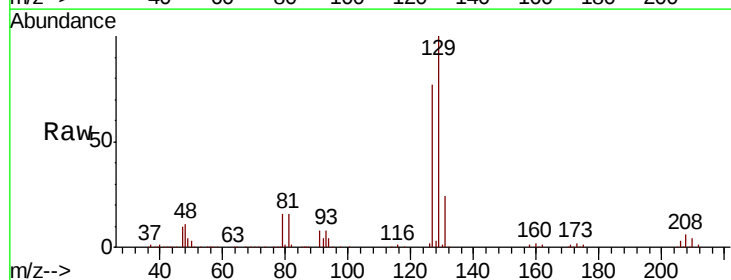
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

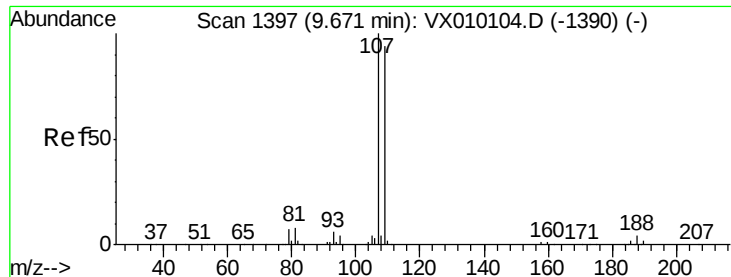
Tot Ion: 43 Resp: 654306
Ion Ratio Lower Upper
43 100
58 59.0 25.1 75.3



#60
Dibromochloromethane
Concen: 49.281 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion:129 Resp: 152062
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 48.410 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

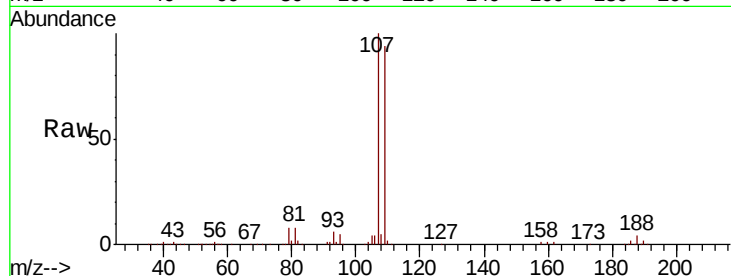
VSTDCCC050

Tot Ion:107 Resp: 140650

Ion Ratio Lower Upper

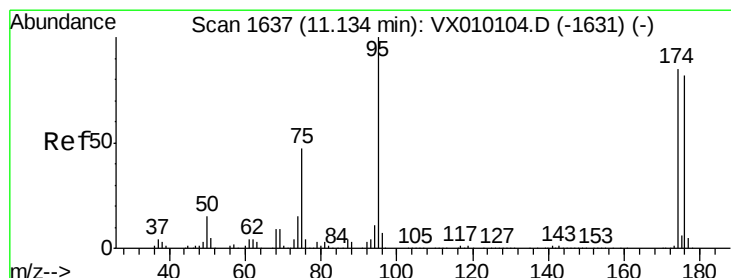
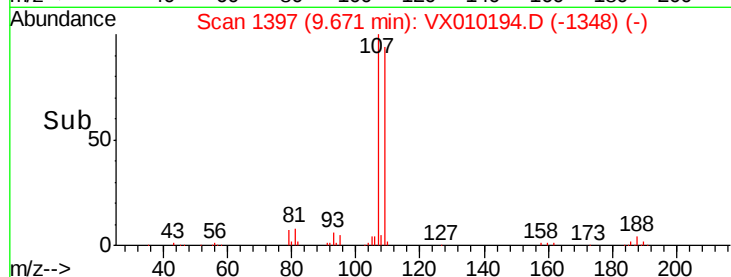
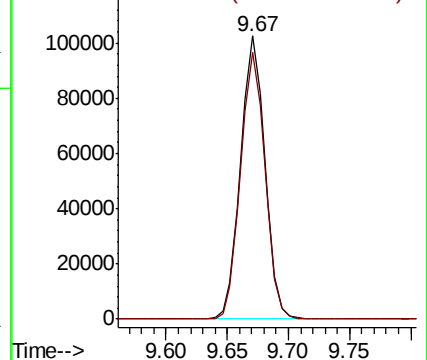
107 100

109 94.8 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.032 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

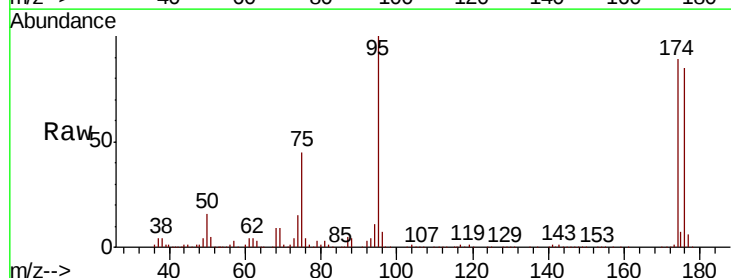
Tgt Ion: 95 Resp: 169229

Ion Ratio Lower Upper

95 100

174 92.6 0.0 160.4

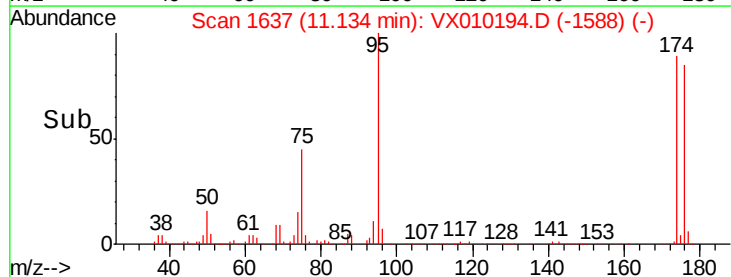
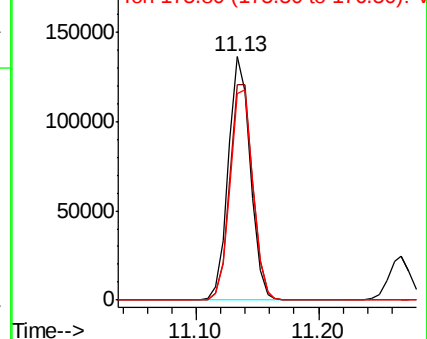
176 90.0 0.0 154.6

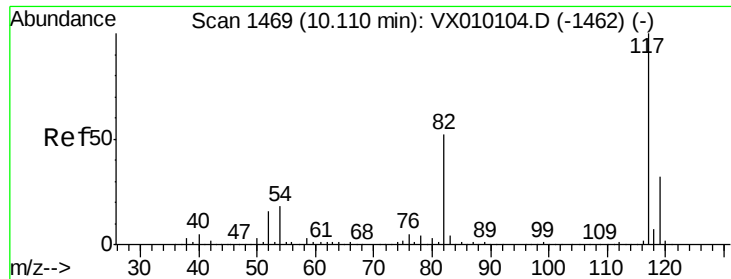


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

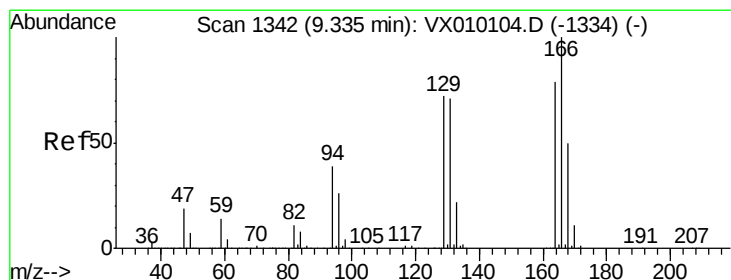
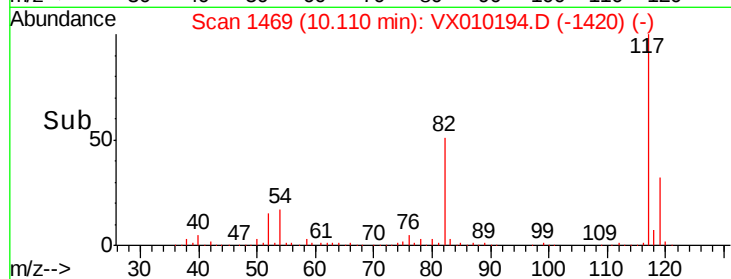
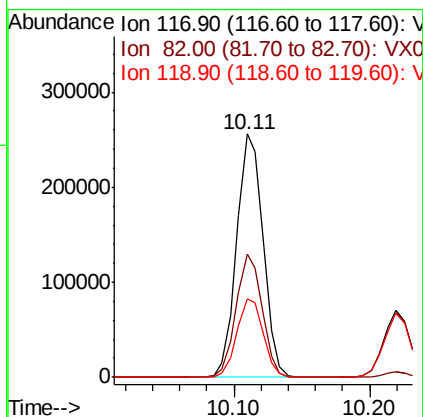
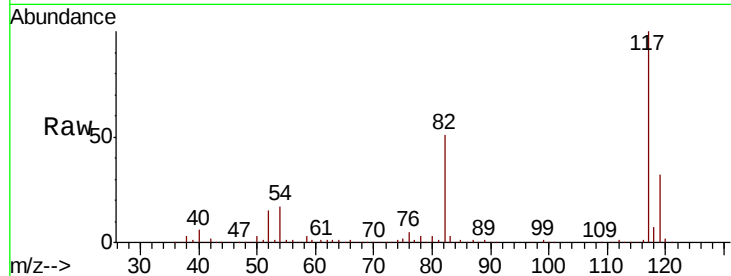




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

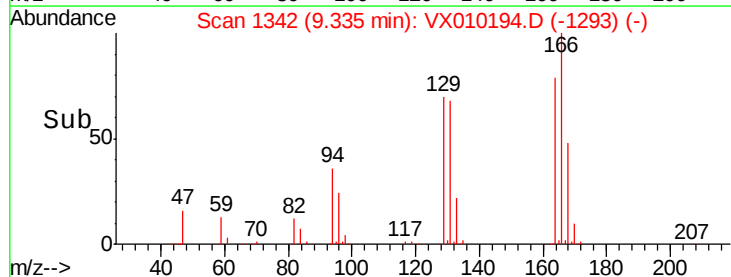
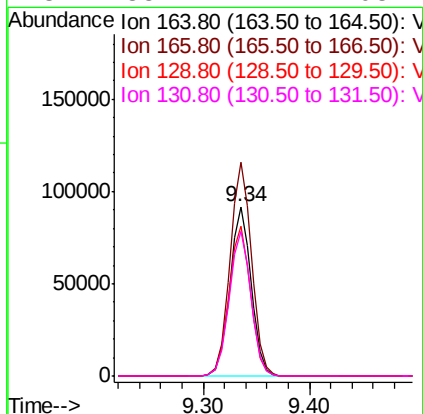
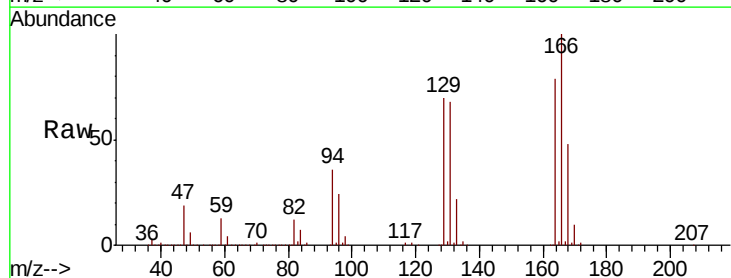
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

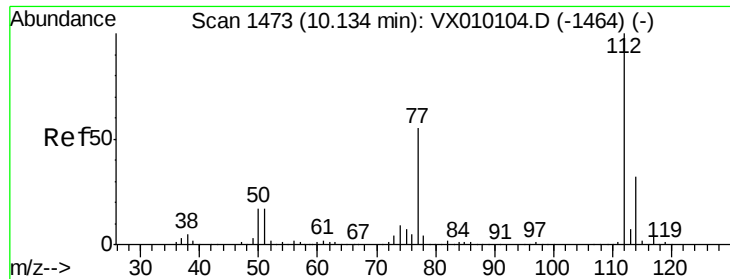
Tot Ion:117 Resp: 346755
Ion Ratio Lower Upper
117 100
82 50.5 49.2 73.8
119 32.1 25.2 37.8



#64
Tetrachloroethene
Concen: 50.087 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion:164 Resp: 128994
Ion Ratio Lower Upper
164 100
166 126.4 105.0 157.4
129 88.3 75.1 112.7
131 85.4 72.2 108.4

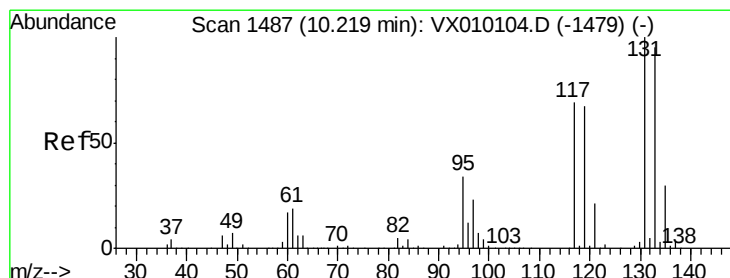
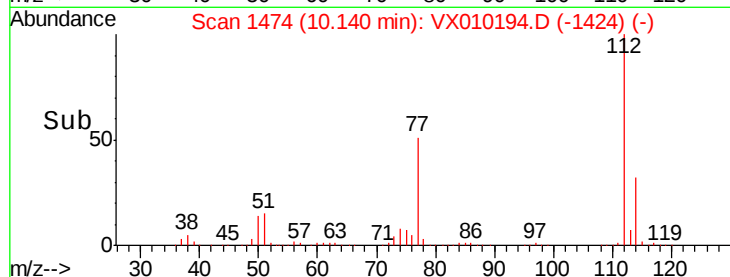
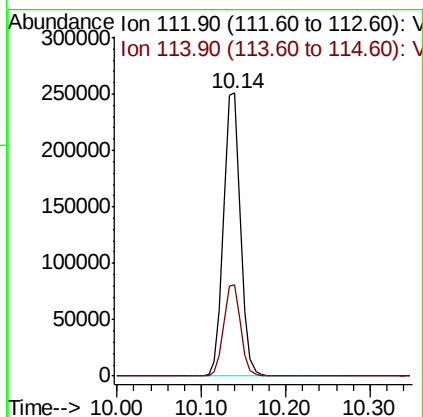
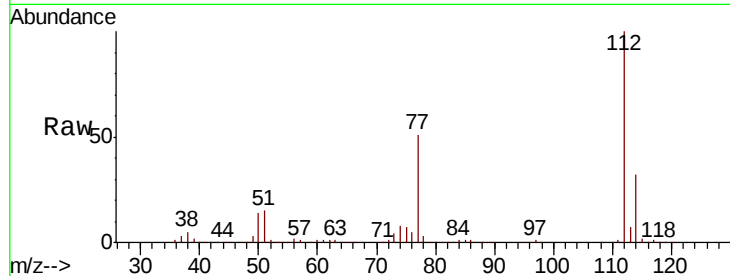




#65
Chlorobenzene
Concen: 49.149 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

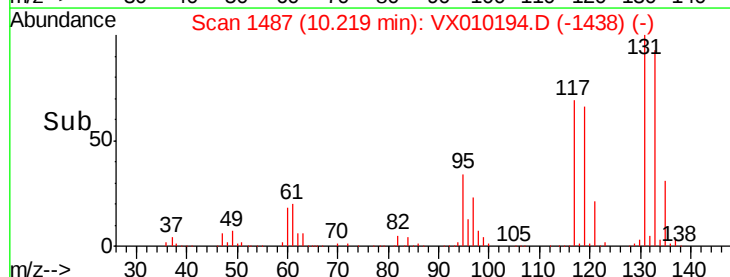
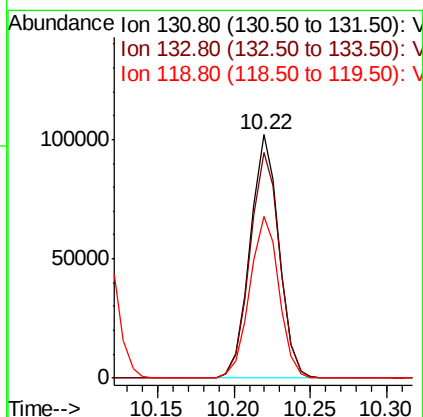
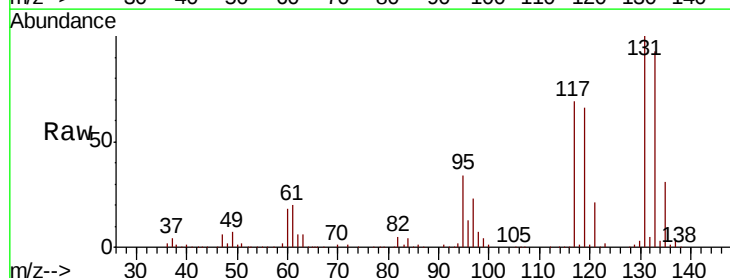
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

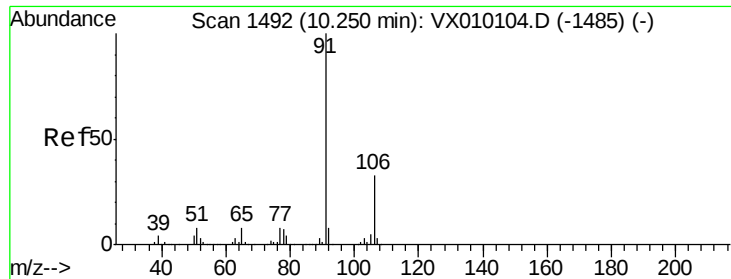
Tot Ion:112 Resp: 351747
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 48.649 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion:131 Resp: 133892
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 67.4 33.4 100.1

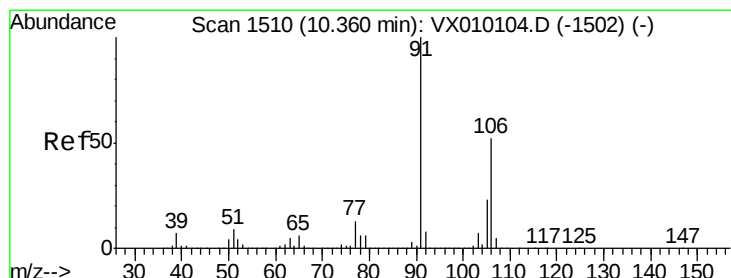
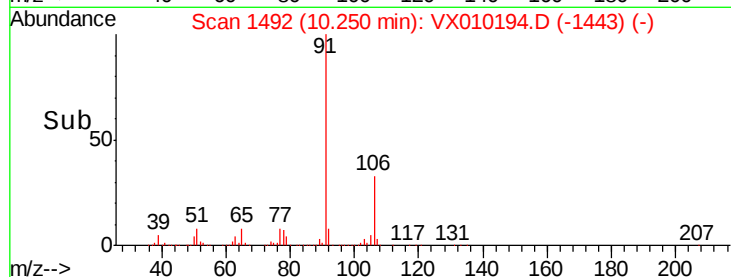
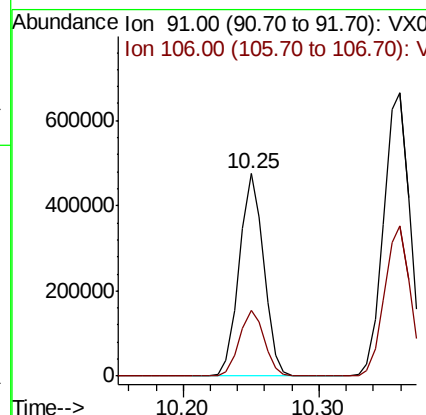
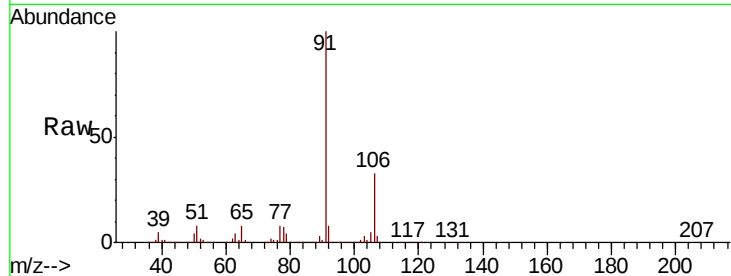




#67
Ethyl Benzene
Concen: 48.967 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

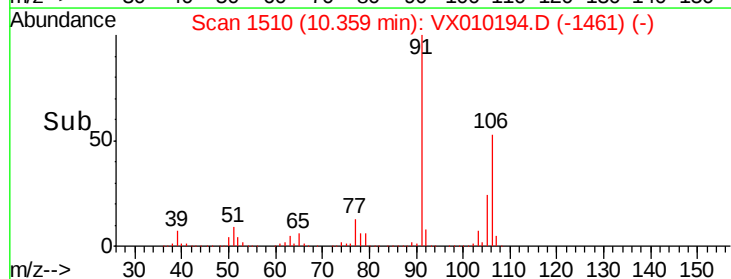
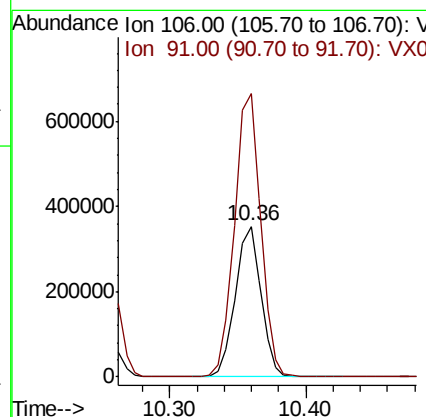
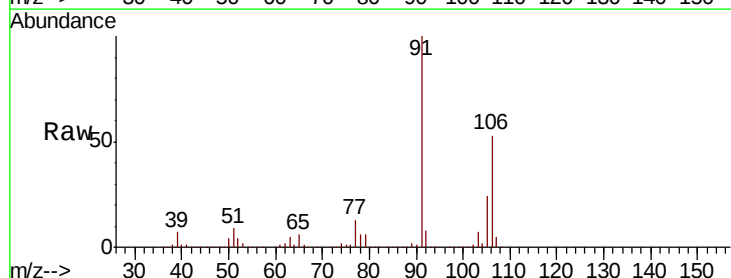
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

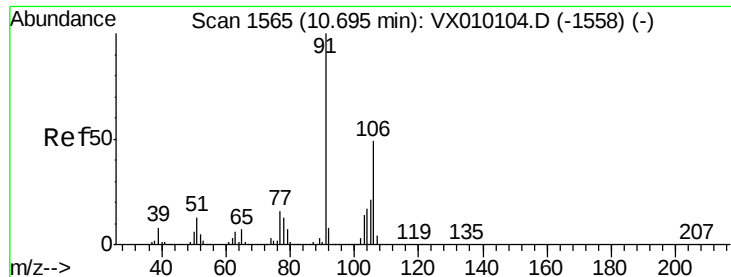
Tot Ion: 91 Resp: 596578
Ion Ratio Lower Upper
91 100
106 32.8 23.9 35.9



#68
m/p-Xylenes
Concen: 98.545 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion: 106 Resp: 464596
Ion Ratio Lower Upper
106 100
91 192.1 167.3 250.9

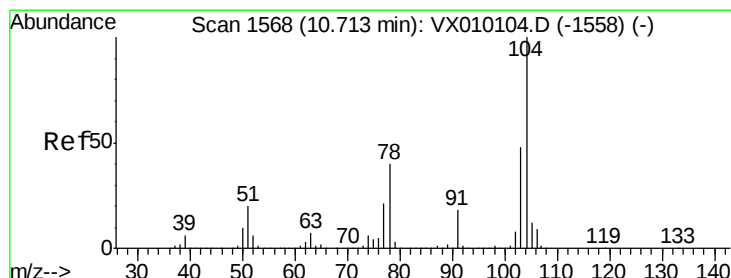
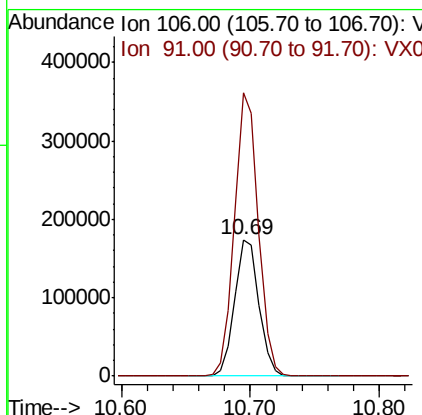
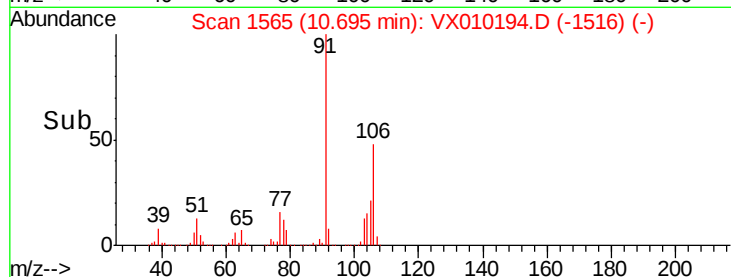
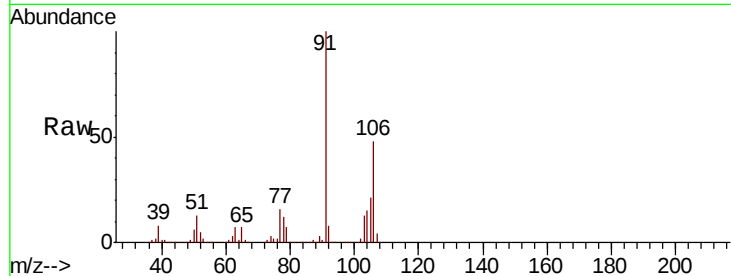




#69
o-Xylene
Concen: 48.880 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

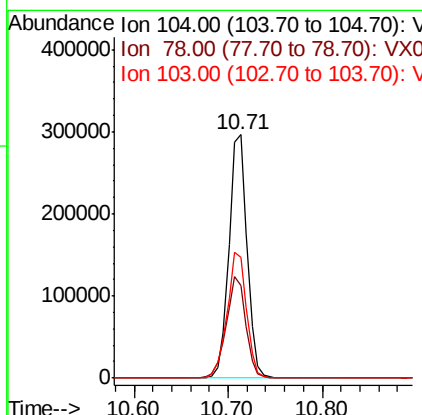
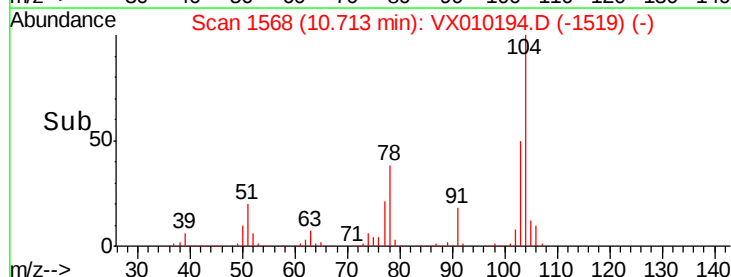
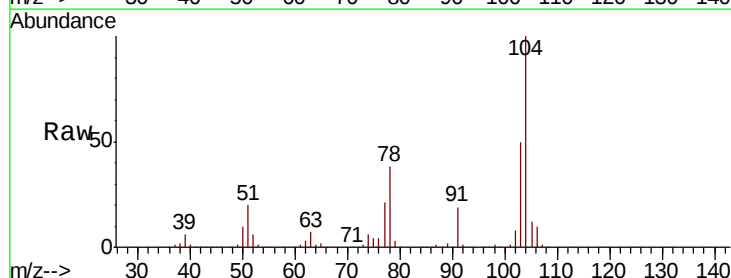
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

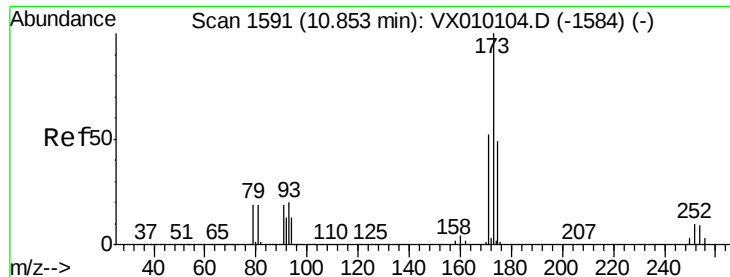
Tot Ion:106 Resp: 229079
Ion Ratio Lower Upper
106 100
91 203.8 110.4 331.2



#70
Styrene
Concen: 49.803 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion:104 Resp: 395304
Ion Ratio Lower Upper
104 100
78 45.0 42.1 63.1
103 55.5 44.1 66.1





#71

Bromoform

Concen: 50.170 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

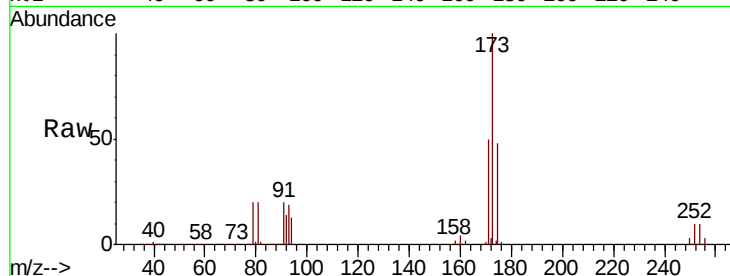
Tot Ion:173 Resp: 126938

Ion Ratio Lower Upper

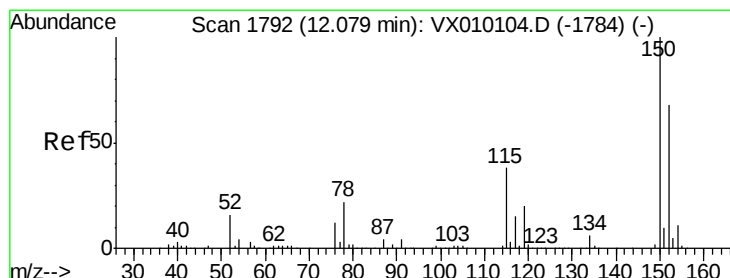
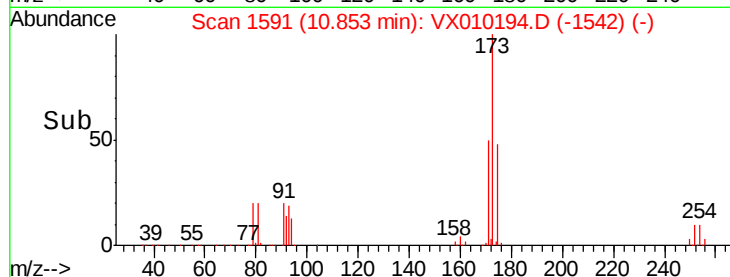
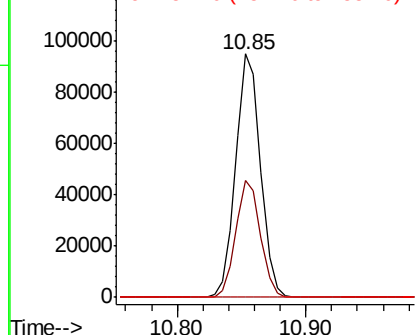
173 100

175 48.0 25.0 75.0

254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

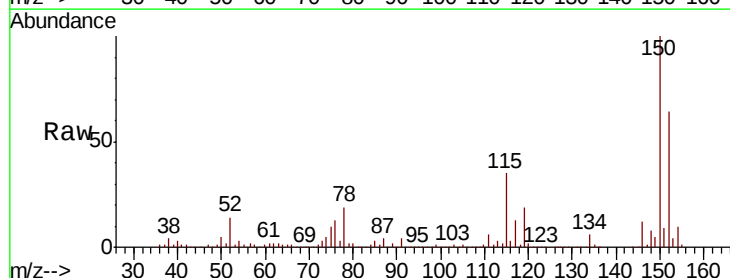
Tgt Ion:152 Resp: 182164

Ion Ratio Lower Upper

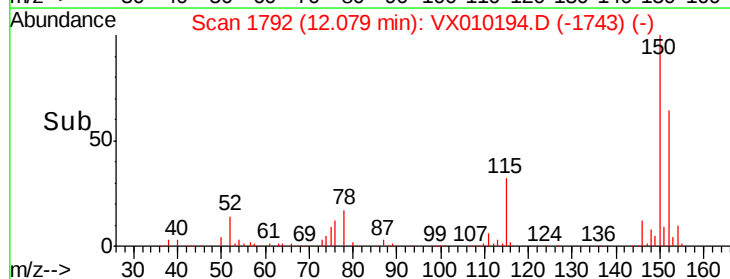
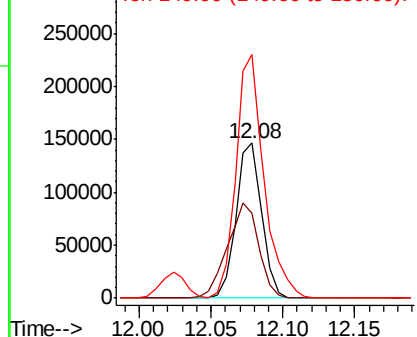
152 100

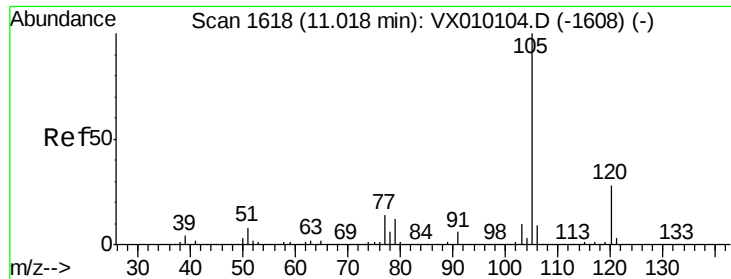
115 74.8 41.4 124.2

150 171.4 0.0 345.2



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: 47.100 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

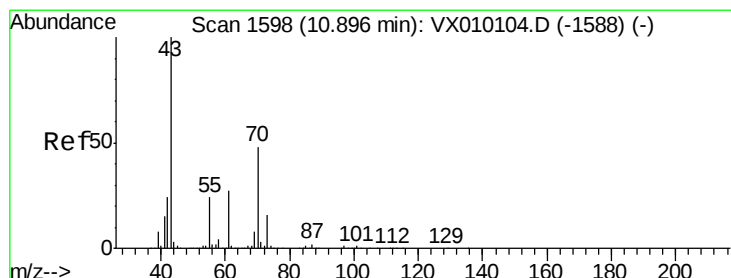
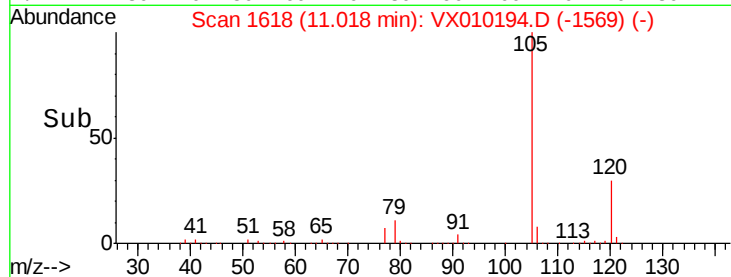
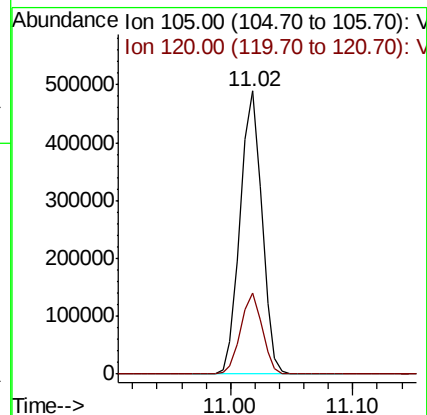
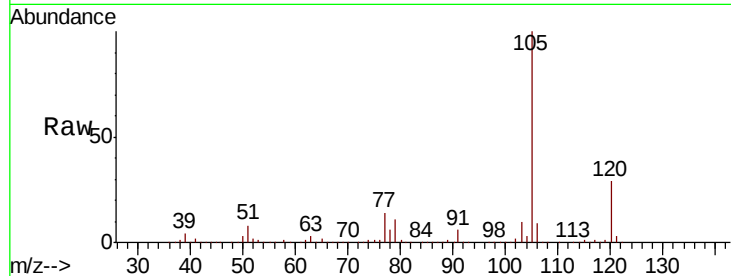
VSTDCCC050

Tot Ion:105 Resp: 598933

Ion Ratio Lower Upper

105 100

120 28.4 12.8 38.4



#74

N-ethyl acetate

Concen: 48.110 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Tgt Ion: 43 Resp: 241834

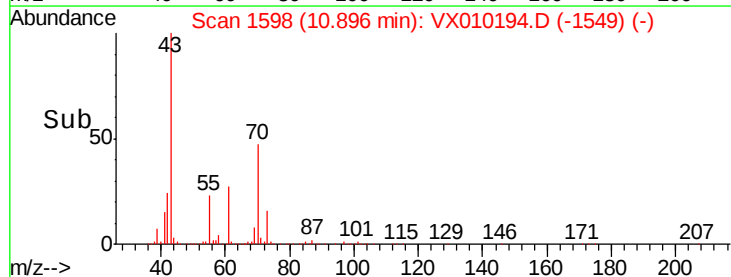
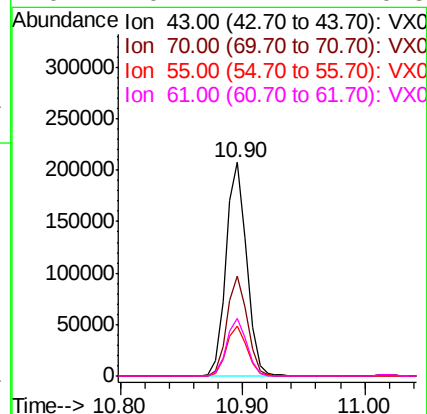
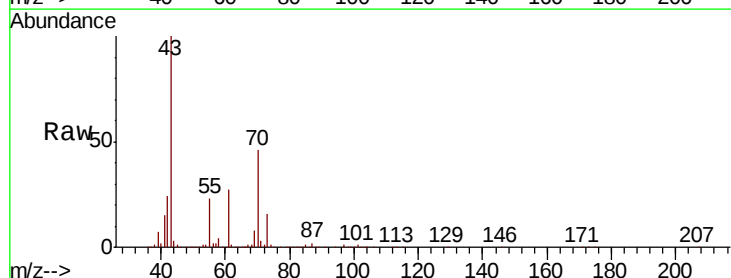
Ion Ratio Lower Upper

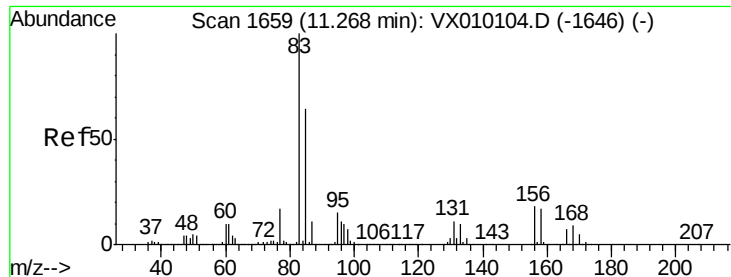
43 100

70 46.3 28.6 43.0#

55 23.5 17.8 26.8

61 26.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.630 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

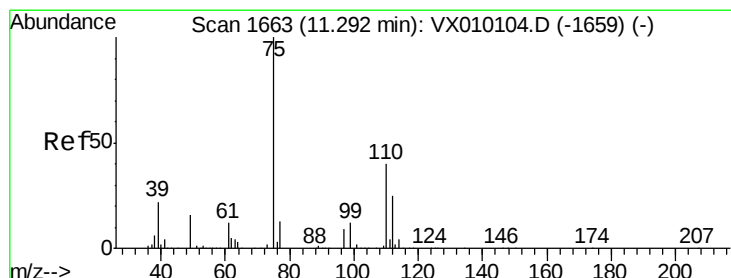
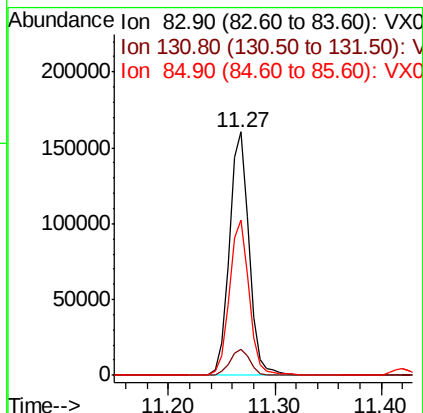
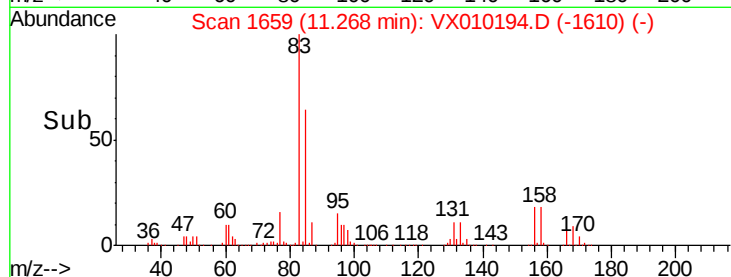
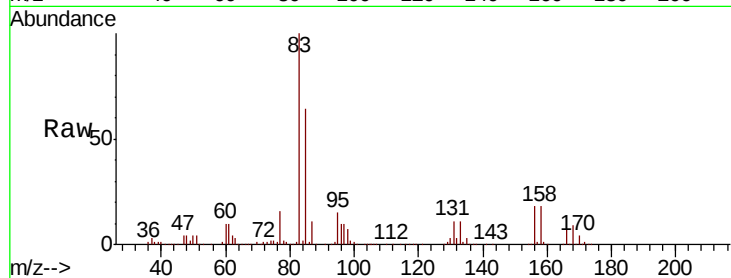
Tot Ion: 83 Resp: 207330

Ion	Ratio	Lower	Upper
83	100		
131	10.9	4.7	14.1
85	64.2	31.9	95.9

83 100

131 10.9 4.7 14.1

85 64.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.342 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010194.D

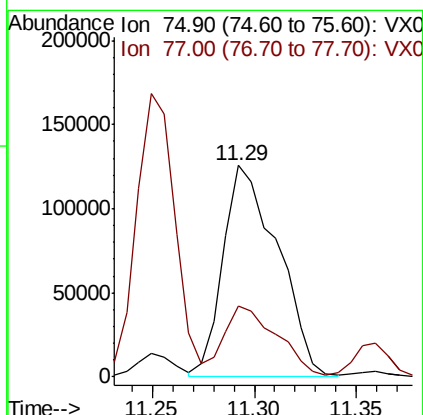
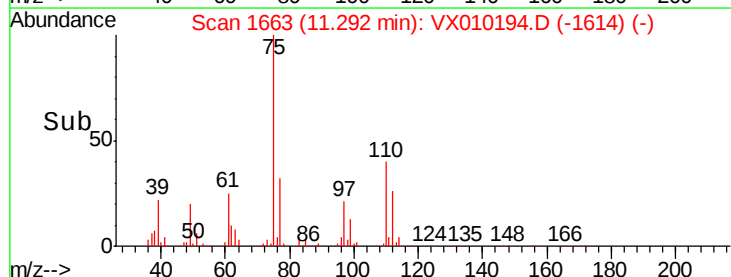
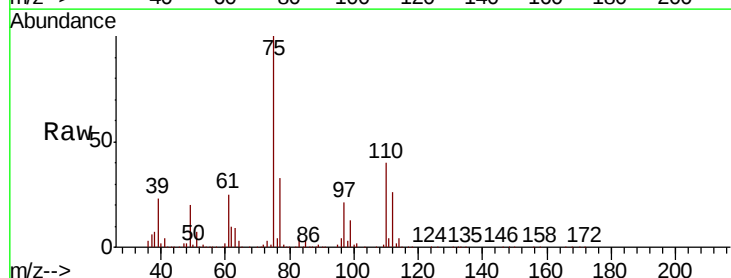
Acq: 10 Jun 2019 22:23

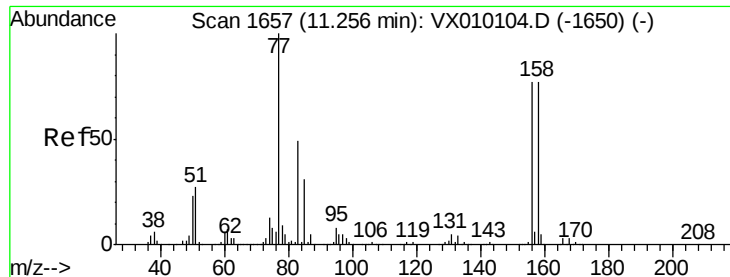
Tgt Ion: 75 Resp: 234438

Ion	Ratio	Lower	Upper
75	100		
77	32.5	22.1	66.1

75 100

77 32.5 22.1 66.1





#77

Bromobenzene

Concen: 48.363 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

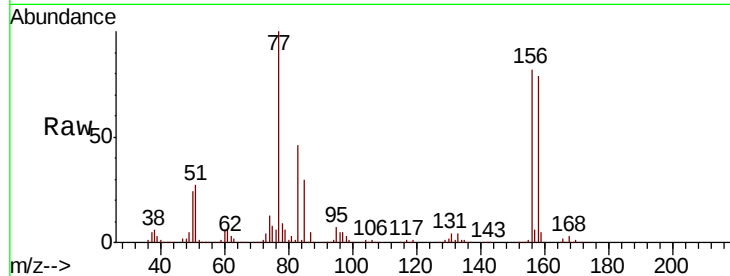
Tot Ion:156 Resp: 169122

Ion Ratio Lower Upper

156 100

77 130.5 86.8 260.3

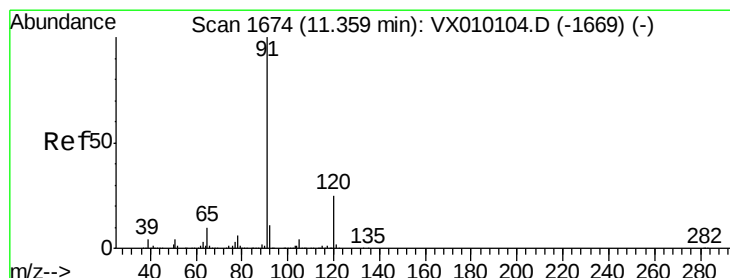
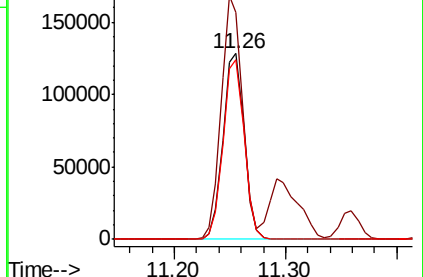
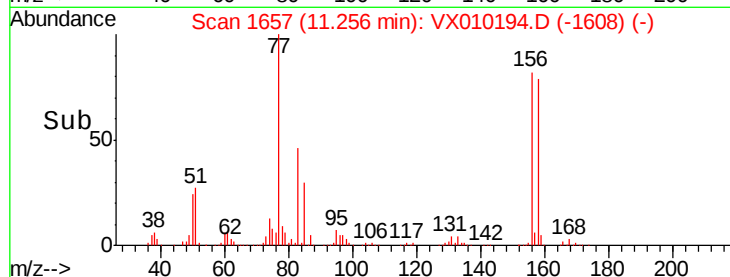
158 96.6 49.6 148.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.079 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010194.D

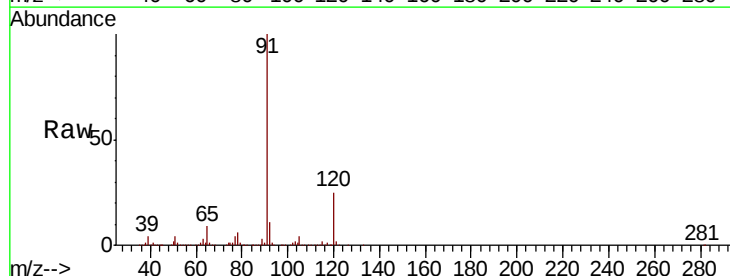
Acq: 10 Jun 2019 22:23

Tgt Ion: 91 Resp: 666481

Ion Ratio Lower Upper

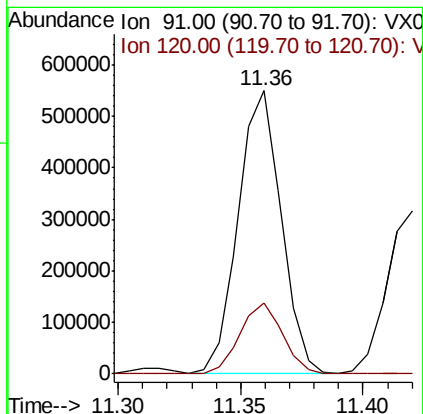
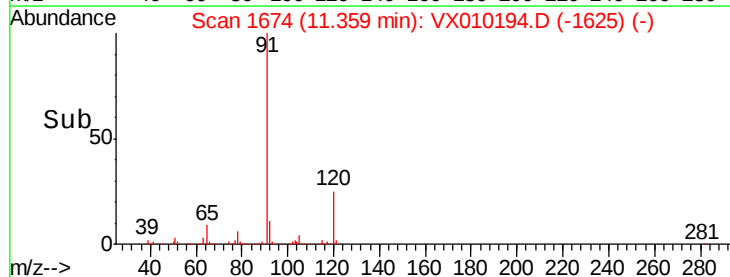
91 100

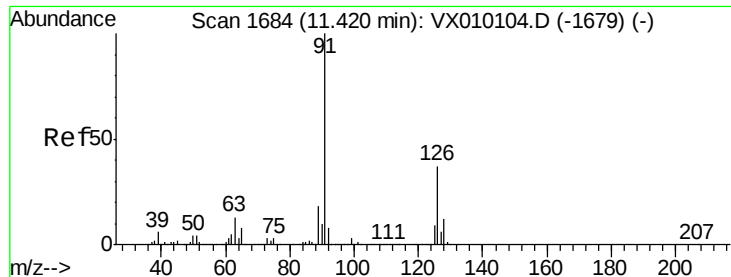
120 25.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 46.388 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

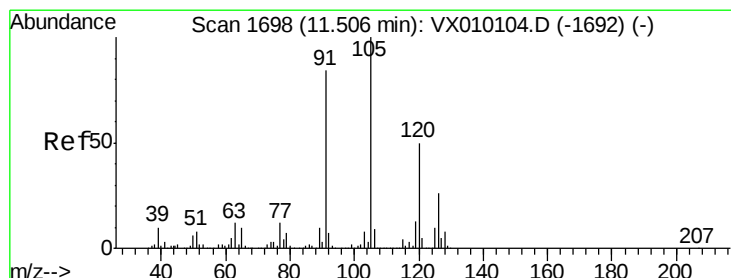
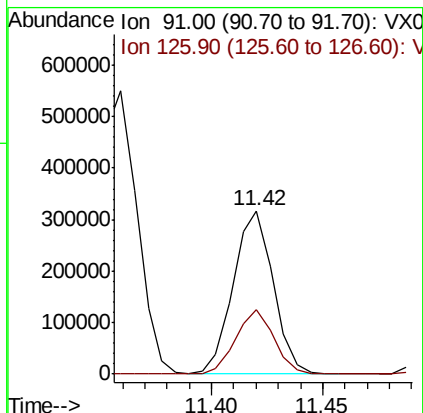
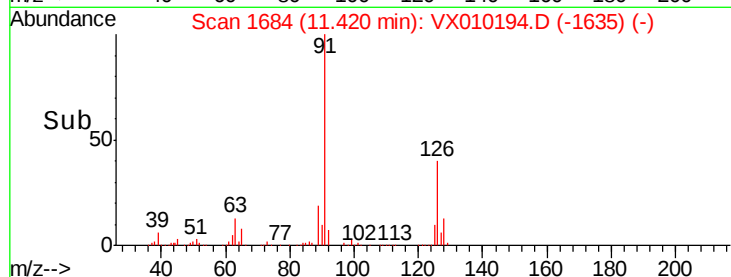
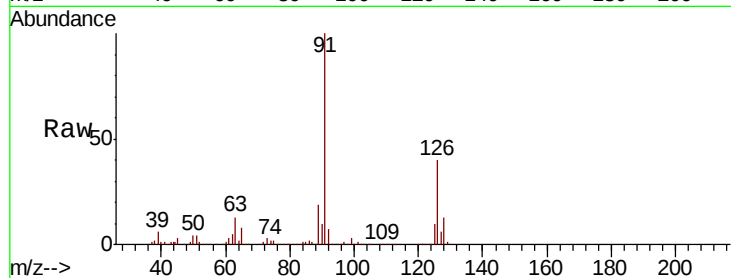
VSTDCCC050

Tot Ion: 91 Resp: 394416

Ion Ratio Lower Upper

91 100

126 38.1 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 46.910 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010194.D

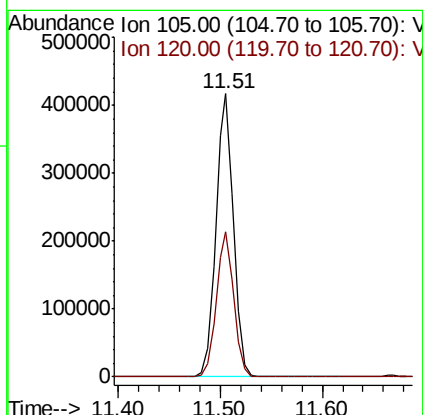
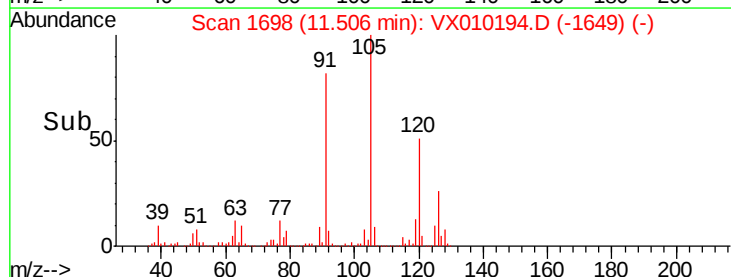
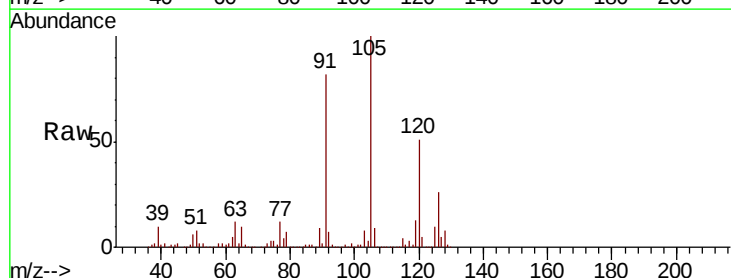
Acq: 10 Jun 2019 22:23

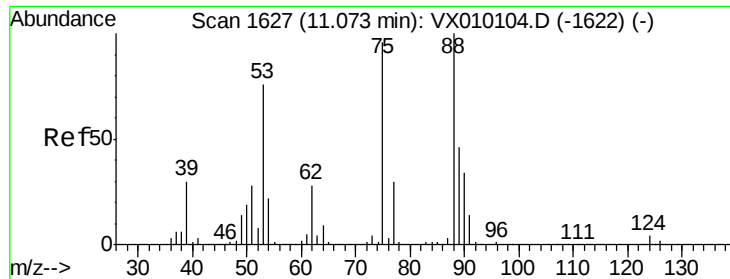
Tgt Ion: 105 Resp: 502434

Ion Ratio Lower Upper

105 100

120 50.8 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 43.405 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

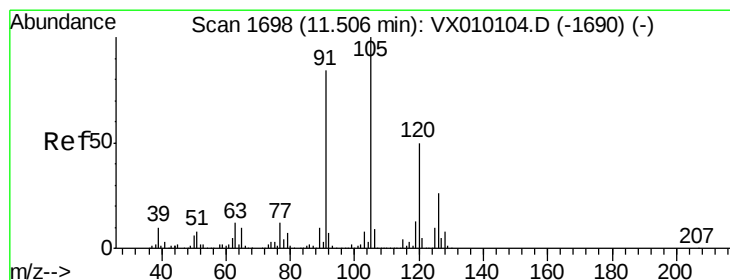
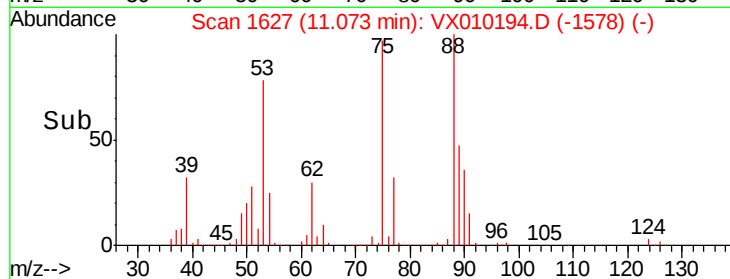
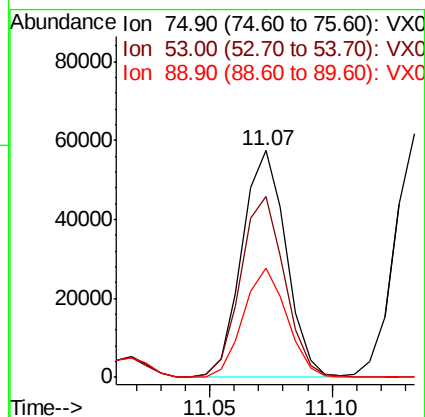
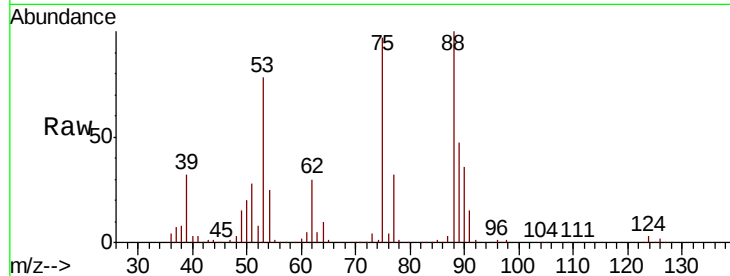
Tot Ion: 75 Resp: 71580

Ion Ratio Lower Upper

75 100

53 79.5 79.8 119.6#

89 48.0 34.2 51.4



#82

4-Chlorotoluene

Concen: 46.927 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX010194.D

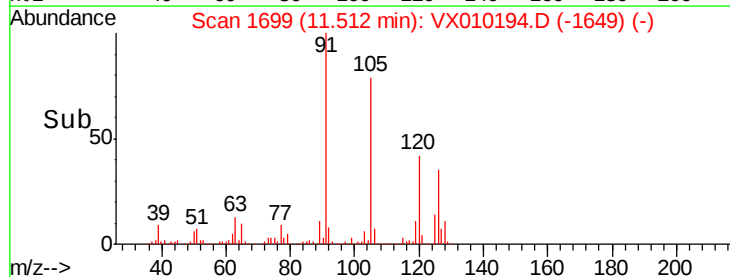
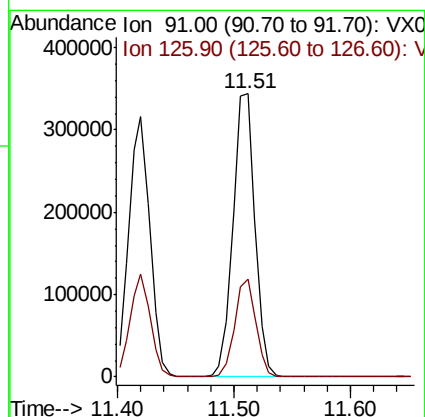
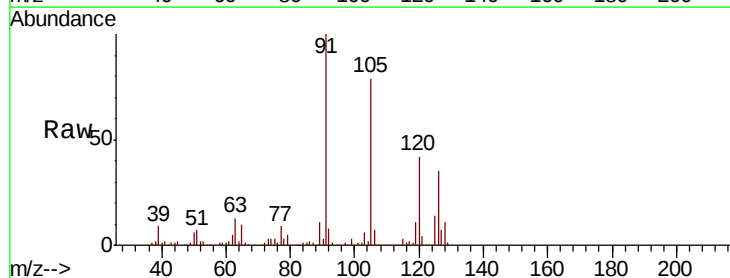
Acq: 10 Jun 2019 22:23

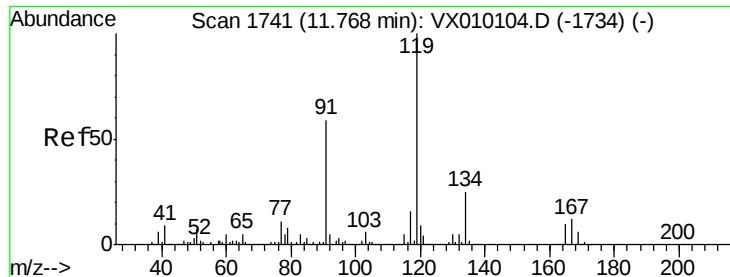
Tgt Ion: 91 Resp: 453245

Ion Ratio Lower Upper

91 100

126 33.4 14.2 42.6

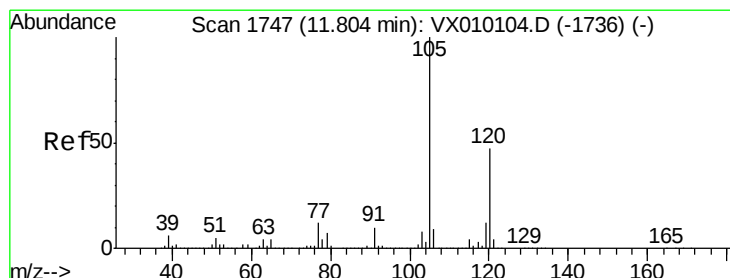
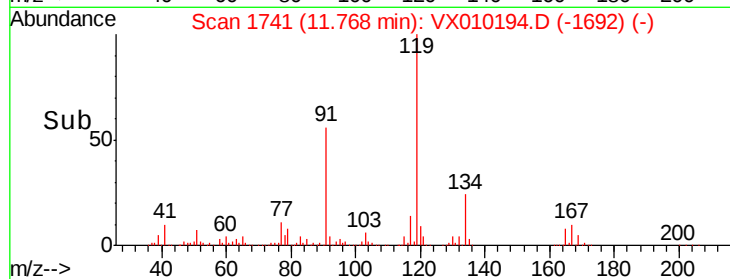
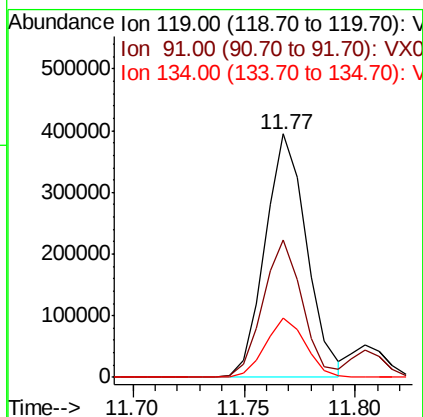
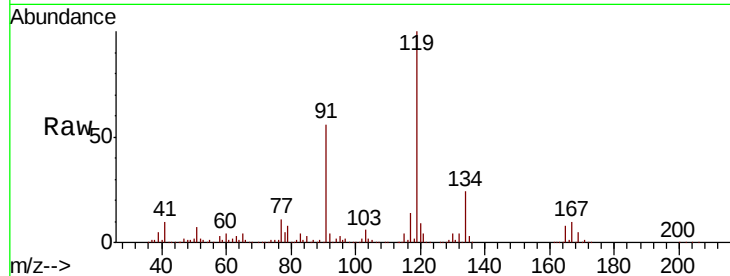




#83
 tert-Butylbenzene
 Concen: 47.213 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

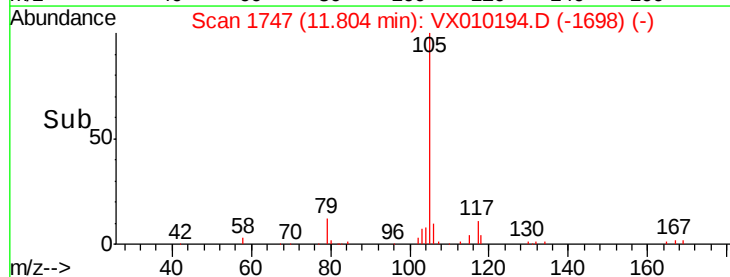
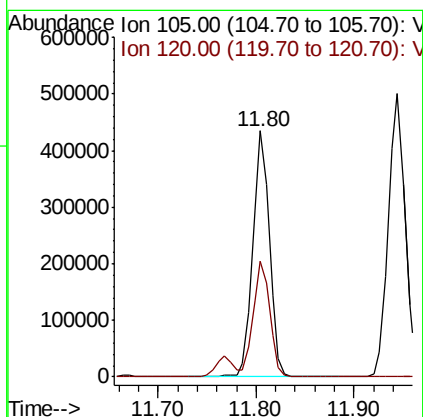
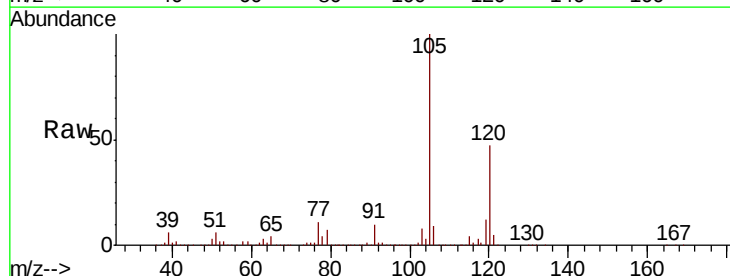
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

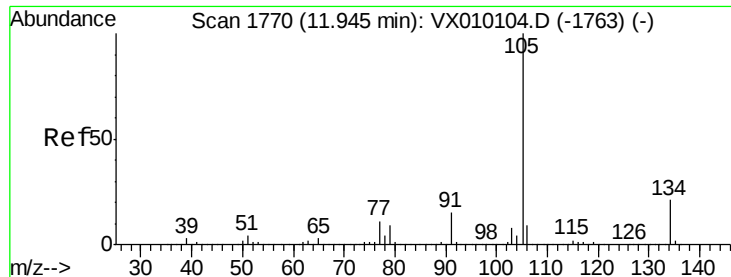
Tot Ion:119 Resp: 511812
 Ion Ratio Lower Upper
 119 100
 91 53.6 30.0 90.0
 134 23.4 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 47.418 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Tgt Ion:105 Resp: 512998
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.1 66.1





#85

sec-Butylbenzene

Concen: 47.269 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

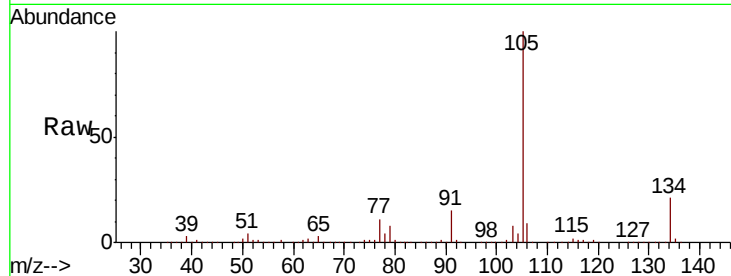
VSTDCCC050

Tot Ion:105 Resp: 596984

Ion Ratio Lower Upper

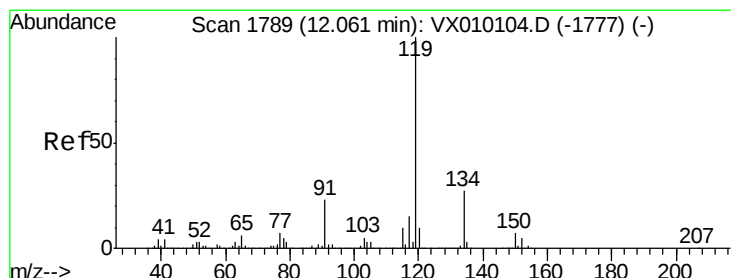
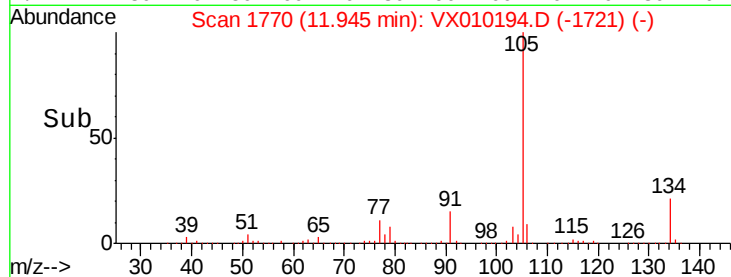
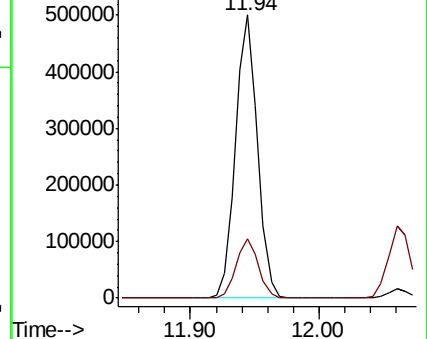
105 100

134 21.1 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.487 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

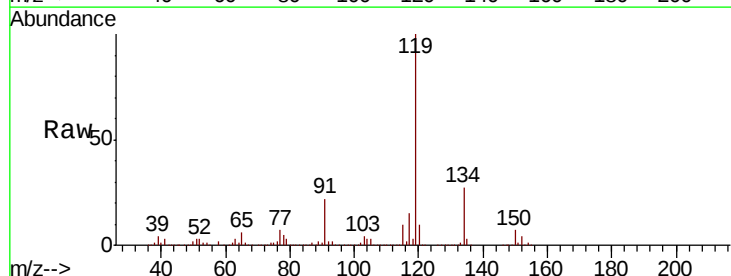
Tgt Ion:119 Resp: 548279

Ion Ratio Lower Upper

119 100

134 27.8 12.9 38.6

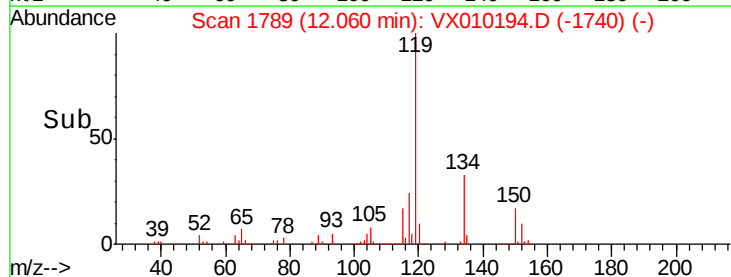
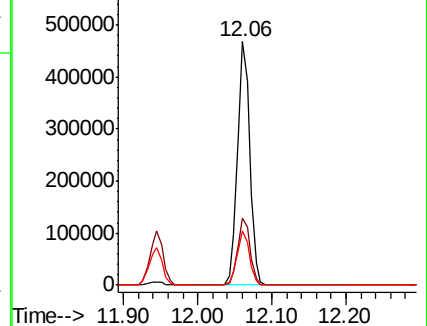
91 22.1 11.9 35.9

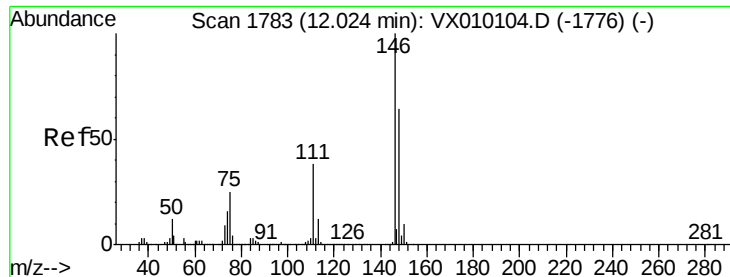


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.872 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

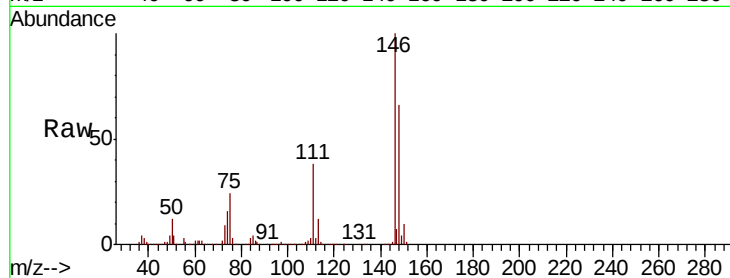
Tot Ion:146 Resp: 294867

Ion Ratio Lower Upper

146 100

111 37.6 20.1 60.2

148 64.9 31.9 95.5

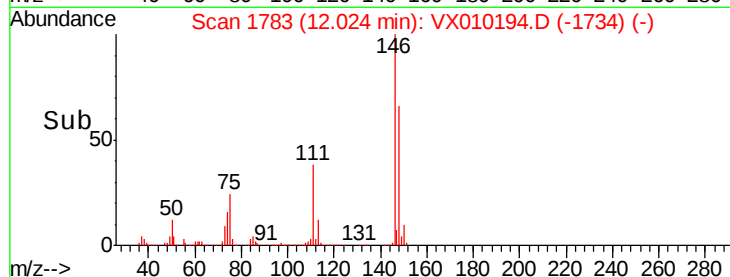


Abundance Ion 145.90 (145.60 to 146.60): V

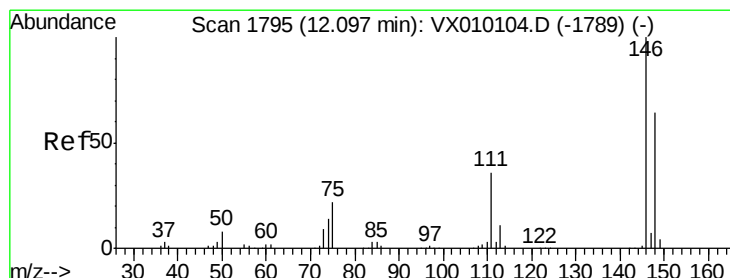
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



Time-->



#88

1,4-Dichlorobenzene

Concen: 47.545 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

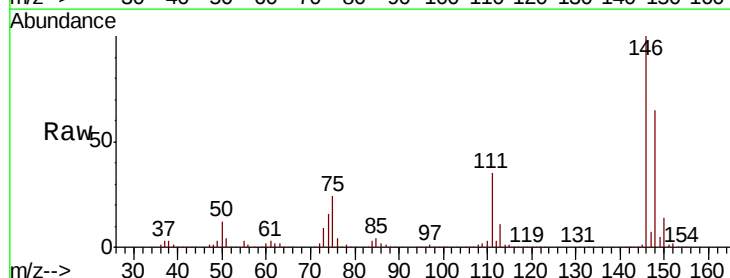
Tgt Ion:146 Resp: 295217

Ion Ratio Lower Upper

146 100

111 36.4 20.0 59.9

148 64.3 32.3 96.9

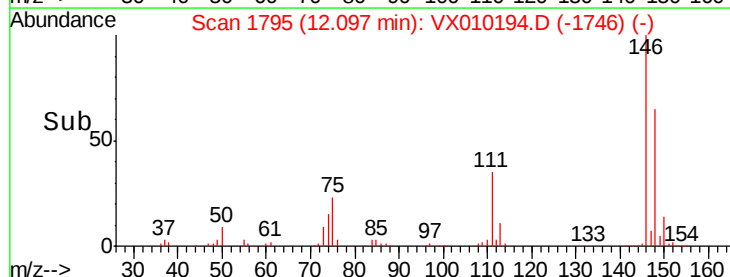


Abundance Ion 145.90 (145.60 to 146.60): V

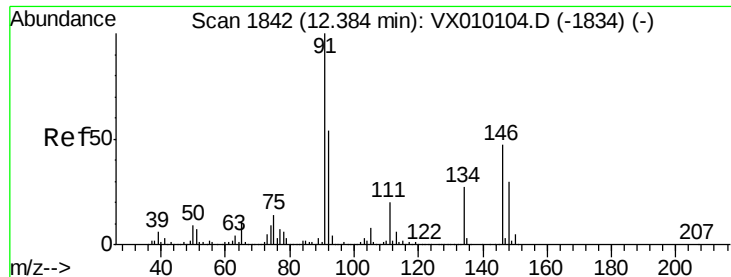
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



Time-->



#89

n-Butylbenzene

Concen: 46.623 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010194.D

Acq: 10 Jun 2019 22:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

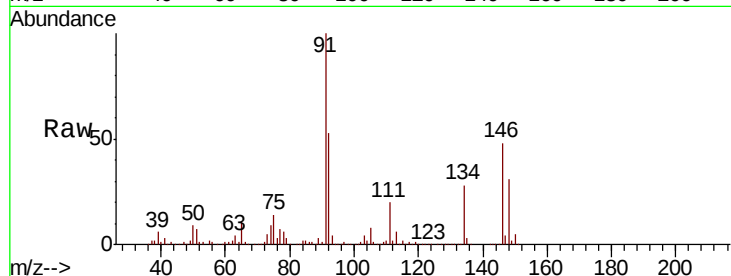
Tot Ion: 91 Resp: 463358

Ion Ratio Lower Upper

91 100

92 52.8 26.3 78.8

134 28.7 12.3 36.8

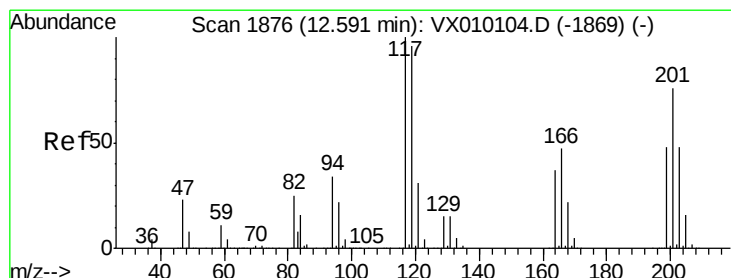
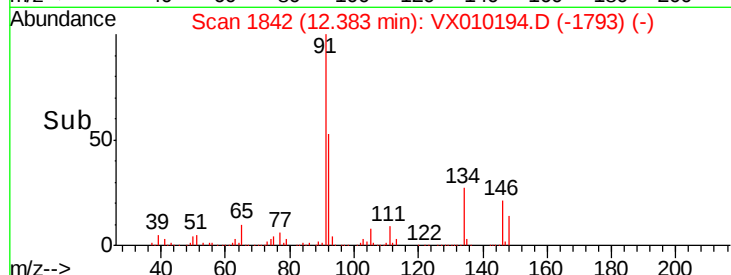
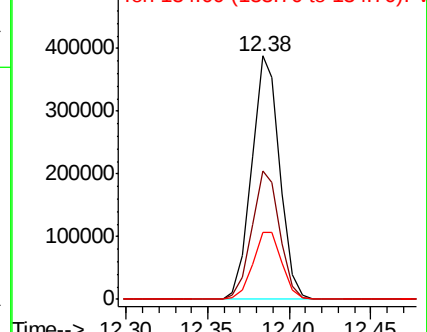


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 45.860 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VX010194.D

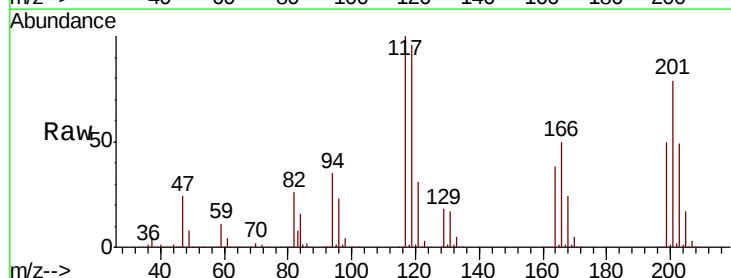
Acq: 10 Jun 2019 22:23

Tgt Ion: 117 Resp: 105476

Ion Ratio Lower Upper

117 100

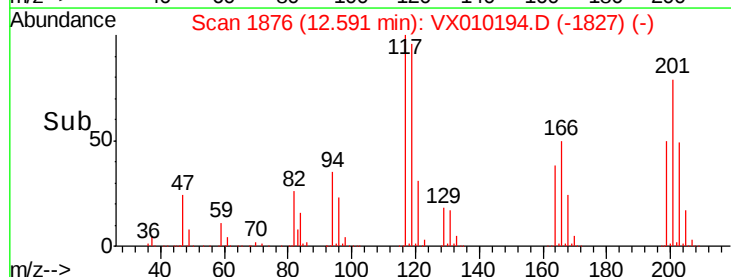
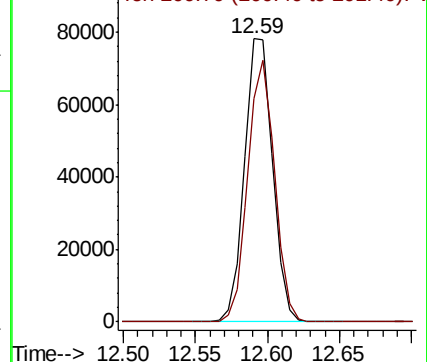
201 88.3 43.6 130.9

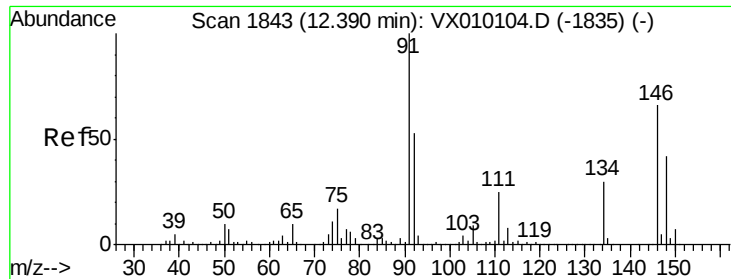


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

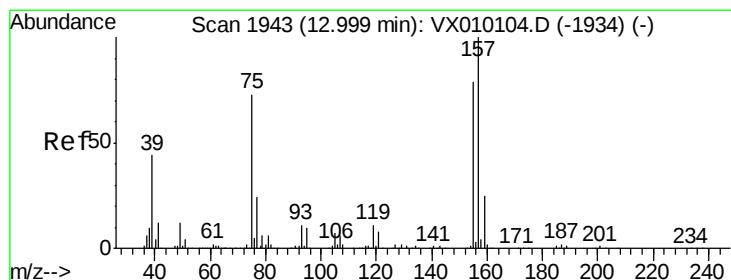
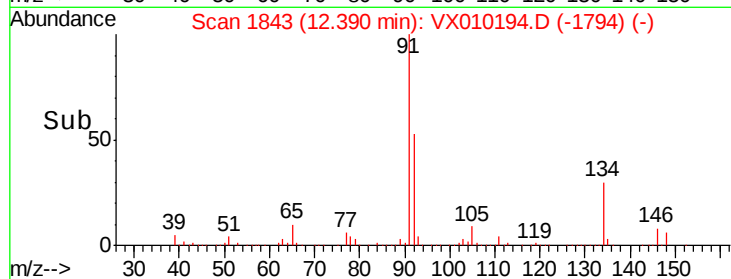
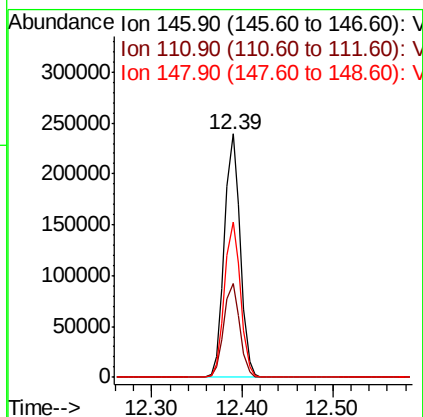
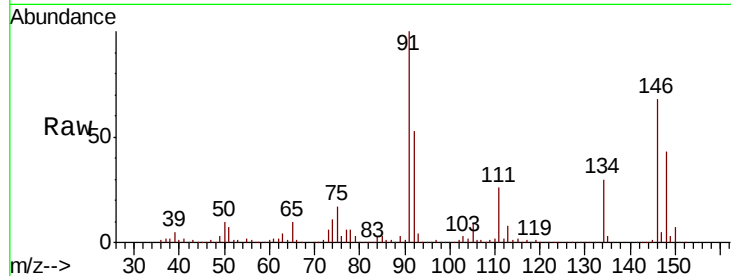




#91
 1,2-Dichlorobenzene
 Concen: 48.712 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

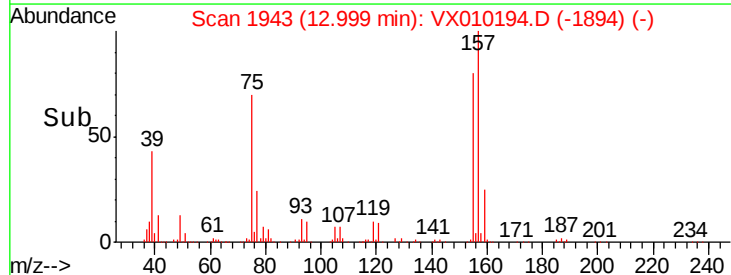
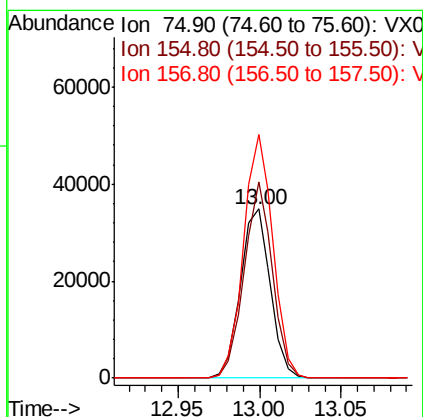
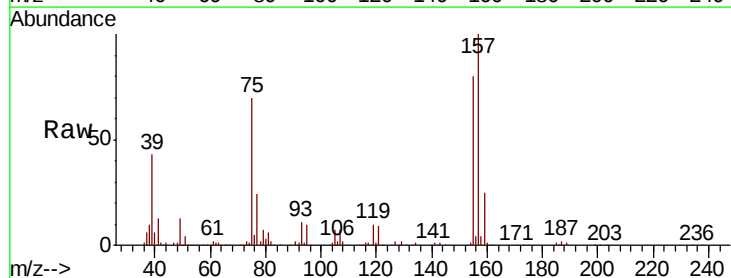
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 291697
 Ion Ratio Lower Upper
 146 100
 111 38.8 21.1 63.1
 148 64.2 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.547 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Tgt Ion: 75 Resp: 44606
 Ion Ratio Lower Upper
 75 100
 155 109.5 39.3 117.8
 157 141.2 50.6 151.8

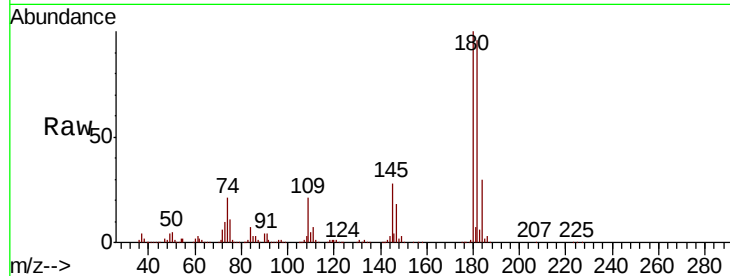




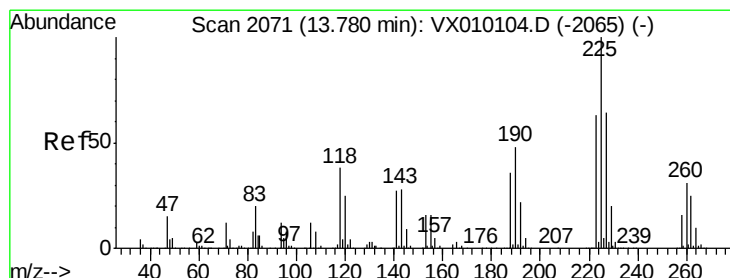
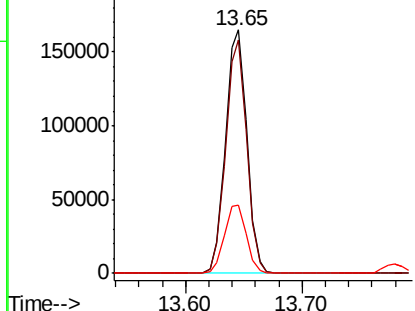
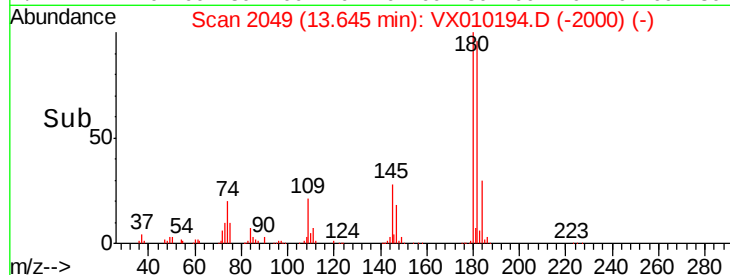
#93
 1,2,4-Trichlorobenzene
 Concen: 47.677 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 208982
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.4 142.2
 145 28.6 14.5 43.5

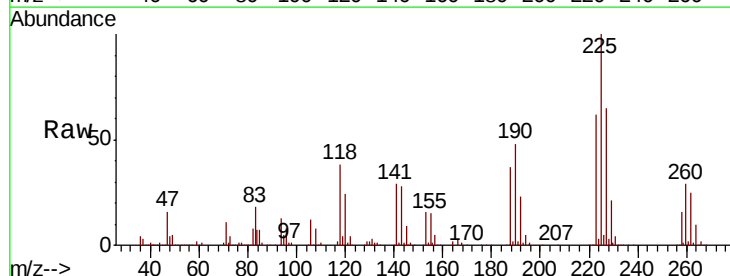


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

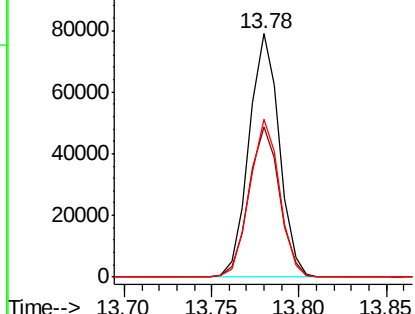
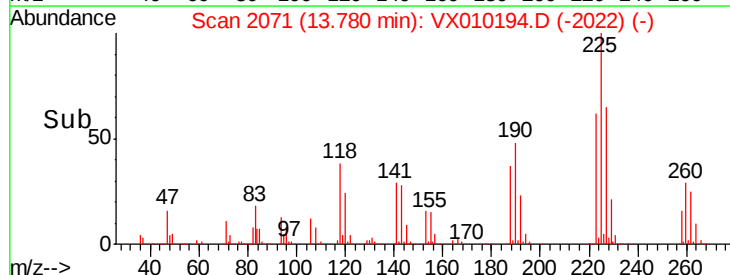


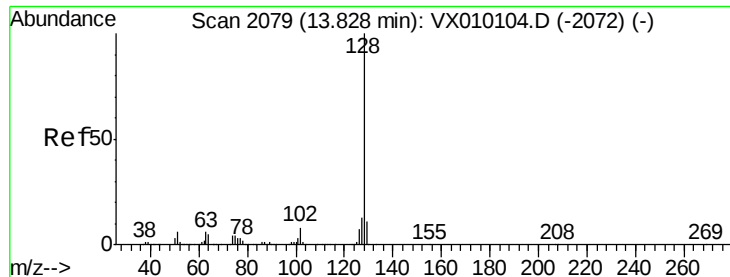
#94
 Hexachlorobutadiene
 Concen: 48.681 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010194.D
 Acq: 10 Jun 2019 22:23

Tgt Ion:225 Resp: 94899
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.8
 227 64.1 32.3 96.8



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

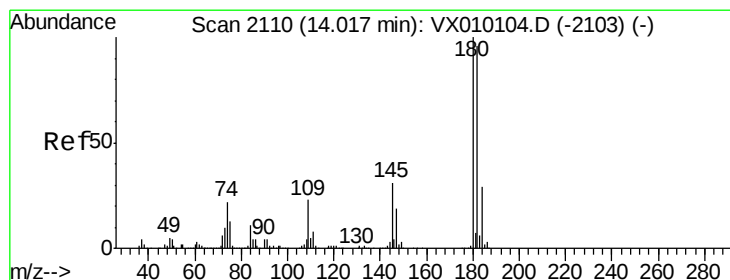
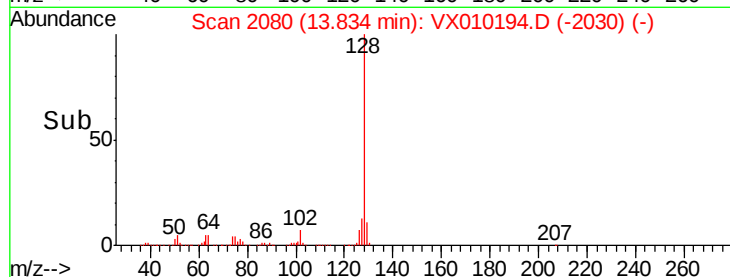
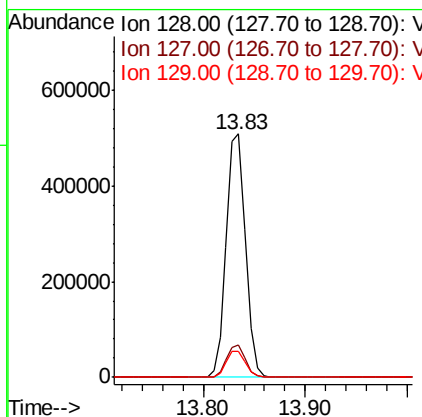
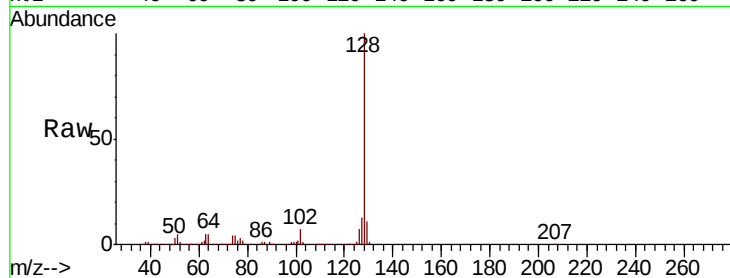




#95
Naphthalene
Concen: 47.937 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 661438
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 47.972 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010194.D
Acq: 10 Jun 2019 22:23

Tgt Ion:180 Resp: 207907
Ion Ratio Lower Upper
180 100
182 94.7 47.3 142.0
145 30.5 15.6 46.7

