

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060719\
 Data File : VX010107.D
 Acq On : 07 Jun 2019 13:51
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Quant Time: Jun 08 02:18:35 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	5.66	168	338877	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	507245	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	460200	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227194	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	162019	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	5.50	113	156432	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	8.71	98	591234	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	222590	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	174420	55.937	ug/l	99
3) Chloromethane	1.32	50	155111	50.089	ug/l	97
4) Vinyl Chloride	1.41	62	145257	49.909	ug/l	99
5) Bromomethane	1.64	94	58032	52.839	ug/l	98
6) Chloroethane	1.71	64	79409	54.116	ug/l	100
7) Trichlorofluoromethane	1.92	101	215918	49.943	ug/l	99
8) Diethyl Ether	2.19	74	71416	47.928	ug/l	77
9) 1,1,2-Trichlorotrifluoroet	2.38	101	149455	50.151	ug/l	91
10) Methyl Iodide	2.51	142	233772	50.630	ug/l	97
11) Tert butyl alcohol	3.05	59	204607	252.500	ug/l	99
12) 1,1-Dichloroethene	2.37	96	151135	49.652	ug/l #	80
13) Acrolein	2.29	56	36853	249.420	ug/l	99
14) Allyl chloride	2.73	41	228956	49.831	ug/l #	88
15) Acrylonitrile	3.14	53	412311	248.937	ug/l	99
16) Acetone	2.45	43	393032	252.623	ug/l #	88
17) Carbon Disulfide	2.57	76	436506	49.631	ug/l	98
18) Methyl Acetate	2.78	43	166463	48.652	ug/l #	82
19) Methyl tert-butyl Ether	3.20	73	484594	49.555	ug/l	94
20) Methylene Chloride	2.85	84	165430	48.417	ug/l #	77
21) trans-1,2-Dichloroethene	3.17	96	160142	47.541	ug/l #	80
22) Diisopropyl ether	3.85	45	442822	50.409	ug/l #	91
23) Vinyl Acetate	3.81	43	1994301	254.478	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	262343	49.187	ug/l	95
25) 2-Butanone	4.67	43	594186	256.476	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	245368	50.427	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	185757	49.570	ug/l	80
28) Bromochloromethane	5.01	49	112358	47.004	ug/l #	50
29) Tetrahydrofuran	5.13	42	362712	249.121	ug/l #	75
30) Chloroform	5.21	83	274491	49.554	ug/l	98
31) Cyclohexane	5.58	56	244398	50.772	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	254372	48.848	ug/l	94
36) 1,1-Dichloropropene	5.80	75	208332	50.342	ug/l	93
37) Ethyl Acetate	4.84	43	213845	49.664	ug/l #	91
38) Carbon Tetrachloride	5.78	117	229360	48.965	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	7.46	83	280354	49.751	ug/l #	83
40) Benzene	6.14	78	641221	50.109	ug/l	100
41) Methacrylonitrile	5.04	41	116189	49.884	ug/l #	83
42) 1,2-Dichloroethane	6.20	62	207253	50.731	ug/l	95
43) Isopropyl Acetate	6.45	43	357262	49.624	ug/l #	88
44) Trichloroethene	7.21	130	191926	49.757	ug/l	87
45) 1,2-Dichloropropane	7.51	63	161437	50.404	ug/l	99
46) Dibromomethane	7.66	93	116497	48.550	ug/l	92
47) Bromodichloromethane	7.90	83	224636	50.100	ug/l	99
48) Methyl methacrylate	7.77	41	173367	51.491	ug/l #	79
49) 1,4-Dioxane	7.74	88	92838	967.117	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	1096546	254.959	ug/l	89
52) Toluene	8.79	92	419722	49.897	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	263243	50.758	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	277604	49.930	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	173453	50.350	ug/l	97
56) Ethyl methacrylate	9.18	69	276533	50.816	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	268632	49.530	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	702419	273.802	ug/l #	86
59) 2-Hexanone	9.49	43	867238	252.903	ug/l	87
60) Dibromochloromethane	9.58	129	206031	50.562	ug/l	100
61) 1,2-Dibromoethane	9.67	107	190724	49.709	ug/l	99
64) Tetrachloroethene	9.34	164	164572	48.149	ug/l	98
65) Chlorobenzene	10.13	112	471673	49.659	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	183526	50.245	ug/l	100
67) Ethyl Benzene	10.25	91	805638	49.825	ug/l	95
68) m/p-Xylenes	10.36	106	623031	99.574	ug/l	91
69) o-Xylene	10.69	106	307707	49.472	ug/l	91
70) Styrene	10.71	104	528607	50.180	ug/l	96
71) Bromoform	10.85	173	167127	49.771	ug/l #	99
73) Isopropylbenzene	11.02	105	808665	50.989	ug/l	95
74) N-amyl acetate	10.90	43	313965	50.080	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.27	83	266682	49.123	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	321123	70.665	ug/l	82
77) Bromobenzene	11.26	156	217763	49.930	ug/l	85
78) n-propylbenzene	11.36	91	904750	51.242	ug/l	94
79) 2-Chlorotoluene	11.42	91	533314	50.292	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	667326	49.957	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	104622	50.867	ug/l	84
82) 4-Chlorotoluene	11.51	91	612649	50.858	ug/l	93
83) tert-Butylbenzene	11.77	119	685079	50.671	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	677061	50.179	ug/l	97
85) sec-Butylbenzene	11.94	105	790029	50.156	ug/l	95
86) p-Isopropyltoluene	12.06	119	722142	50.149	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	384282	50.023	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	377081	48.693	ug/l	98
89) n-Butylbenzene	12.38	91	635824	51.296	ug/l	97
90) Hexachloroethane	12.60	117	144587	50.405	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	371428	49.733	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61861	48.423	ug/l	71

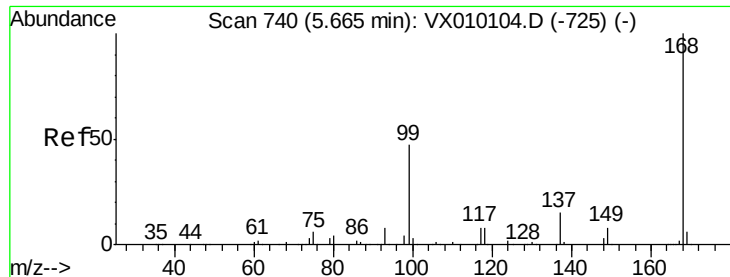
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QLast Update : Sat Jun 08 02:12:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268874	49.183	ug/l	100
94) Hexachlorobutadiene	13.78	225	120379	49.513	ug/l	99
95) Naphthalene	13.83	128	861966	50.088	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	263713	48.788	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

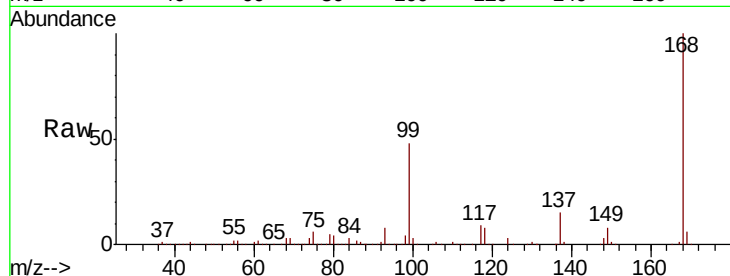
ICVVX060719

Tot Ion:168 Resp: 338877

Ion Ratio Lower Upper

168 100

99 47.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

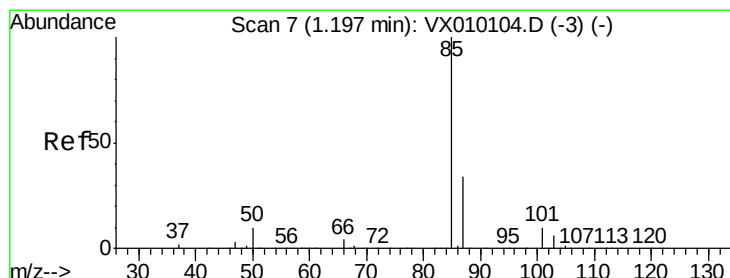
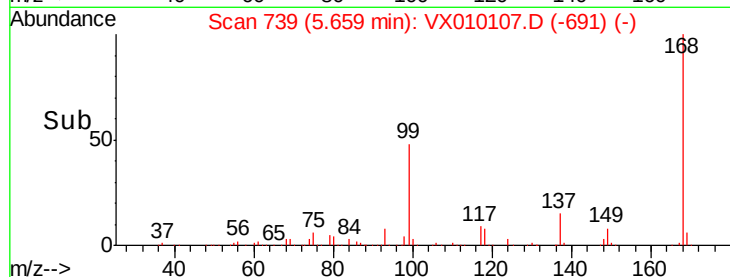
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.937 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010107.D

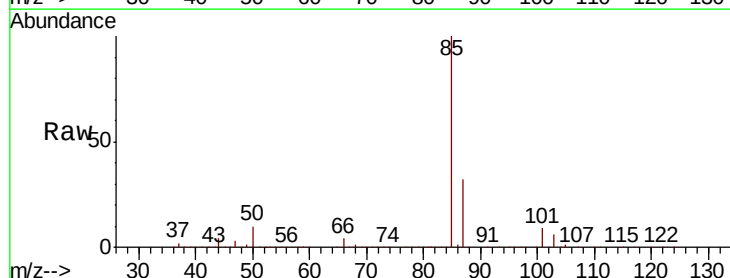
Acq: 07 Jun 2019 13:51

Tgt Ion: 85 Resp: 174420

Ion Ratio Lower Upper

85 100

87 32.5 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

200000

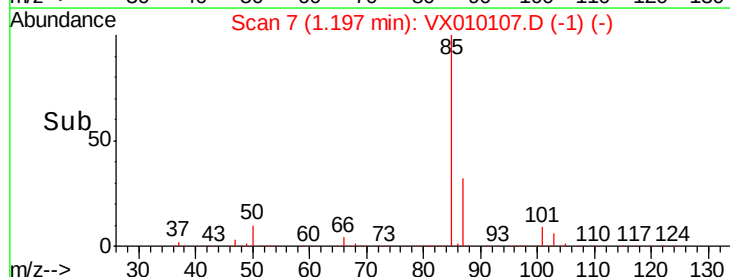
150000

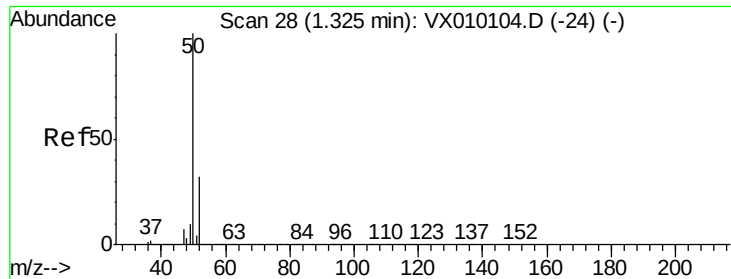
100000

50000

0

Time-->





#3

Chloromethane

Concen: 50.089 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

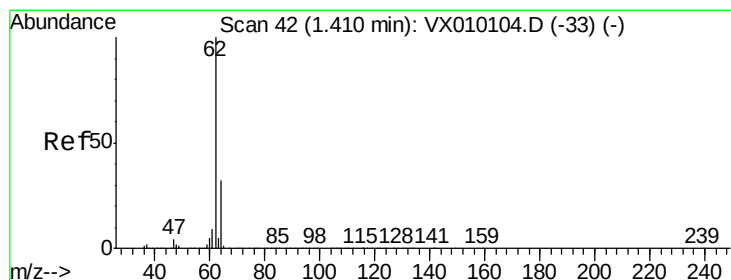
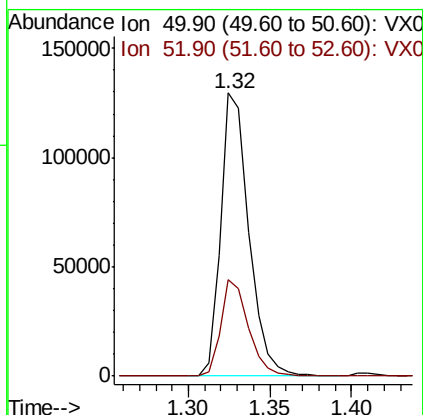
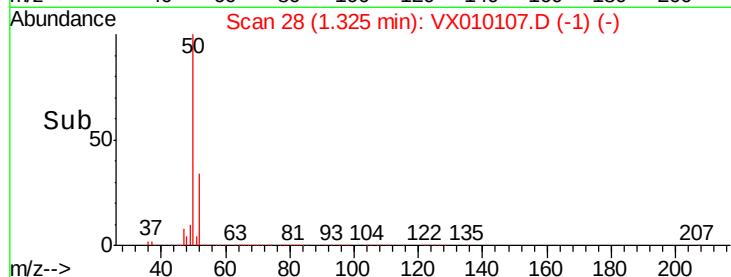
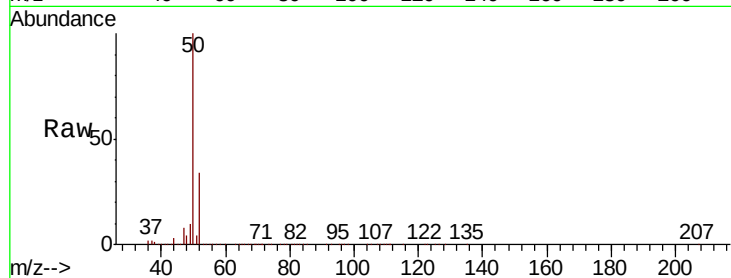
ICVVX060719

Tot Ion: 50 Resp: 155111

Ion Ratio Lower Upper

50 100

52 34.1 26.0 39.0



#4

Vinyl Chloride

Concen: 49.909 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010107.D

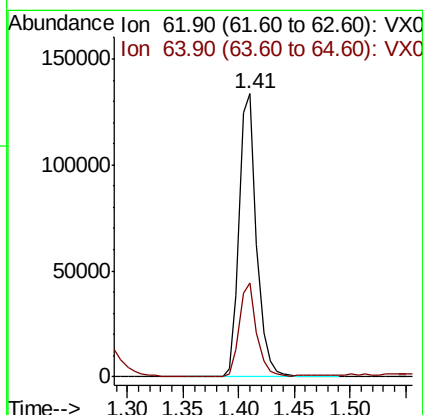
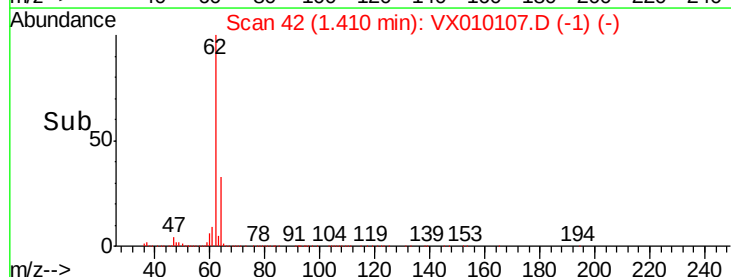
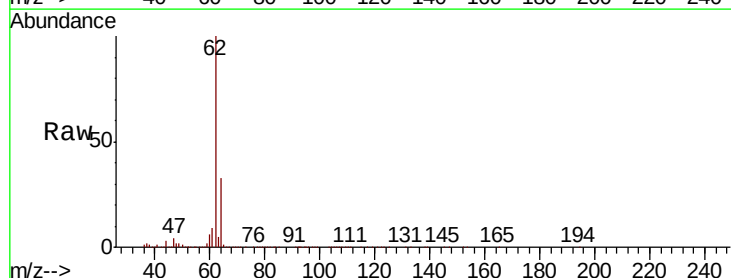
Acq: 07 Jun 2019 13:51

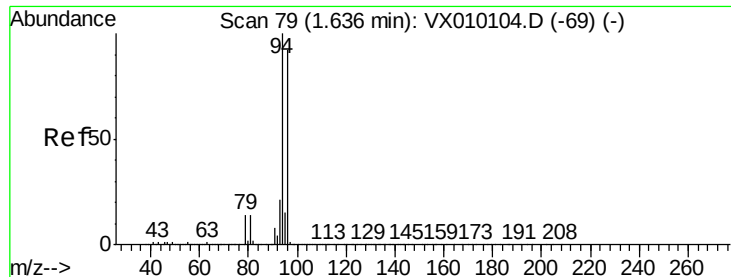
Tgt Ion: 62 Resp: 145257

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5





#5

Bromomethane

Concen: 52.839 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

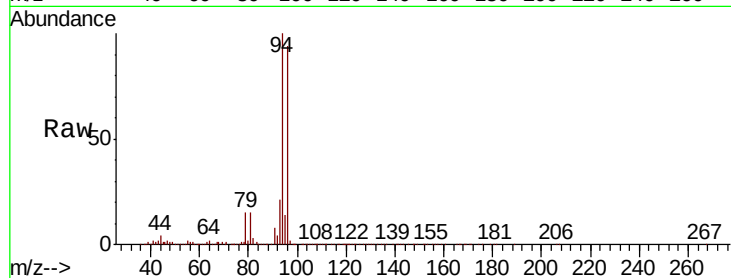
ICVVX060719

Tot Ion: 94 Resp: 58032

Ion Ratio Lower Upper

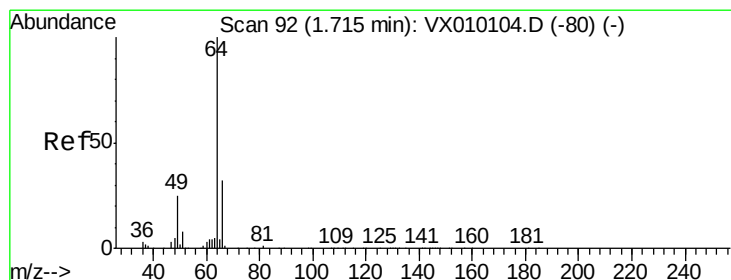
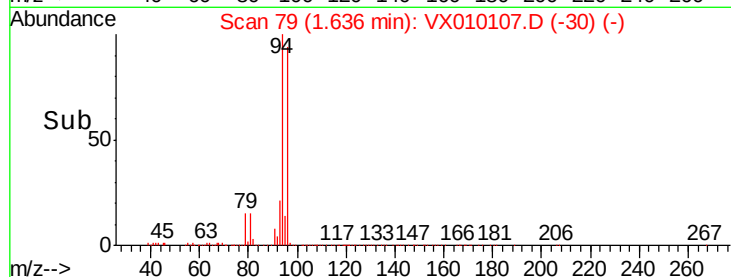
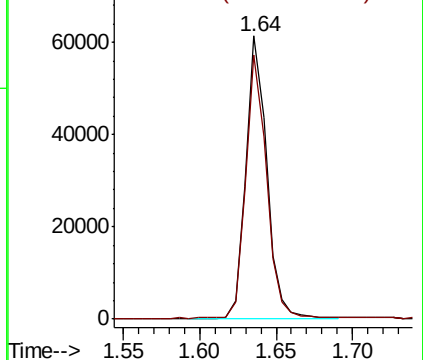
94 100

96 93.5 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.116 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010107.D

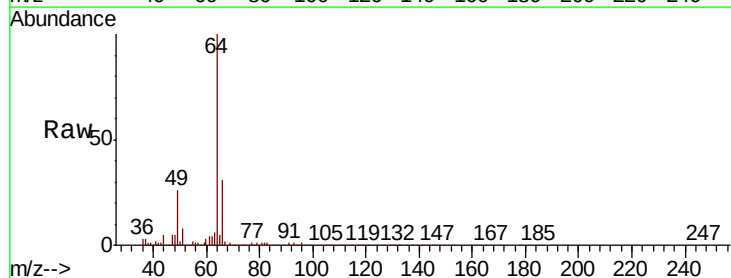
Acq: 07 Jun 2019 13:51

Tgt Ion: 64 Resp: 79409

Ion Ratio Lower Upper

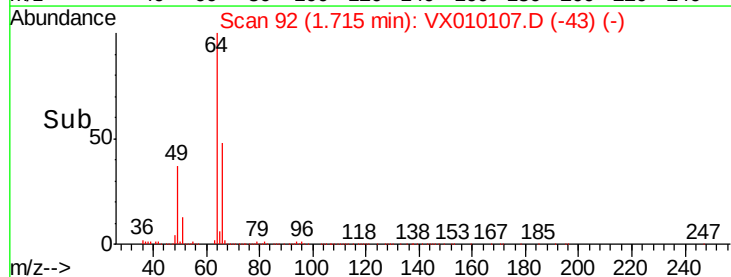
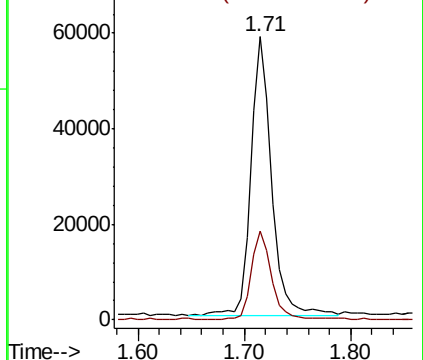
64 100

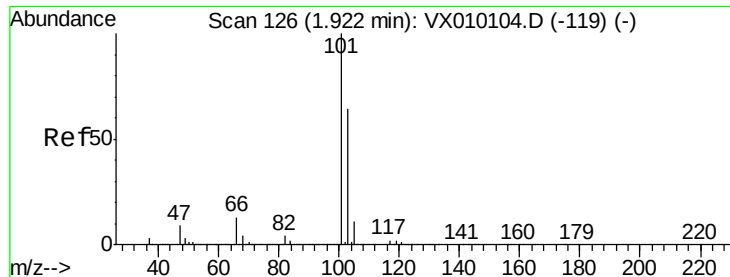
66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



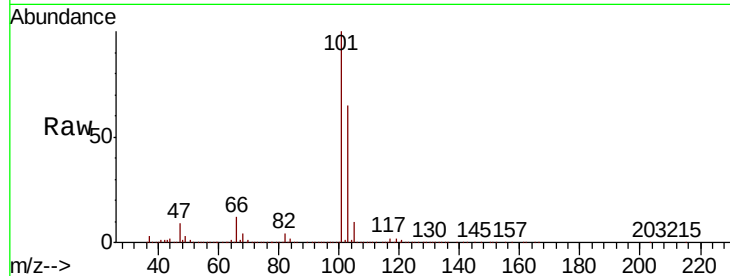


#7

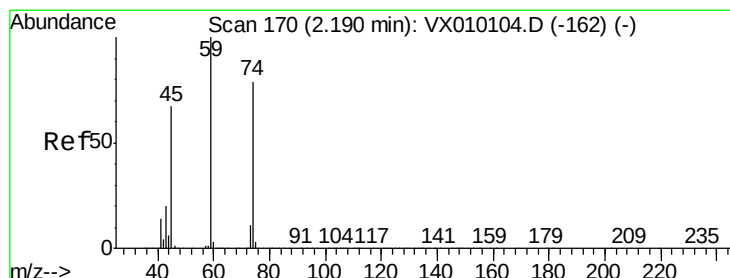
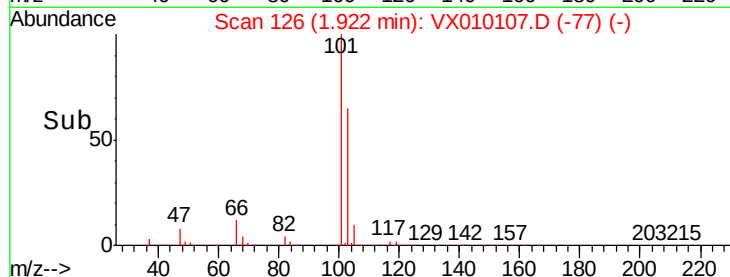
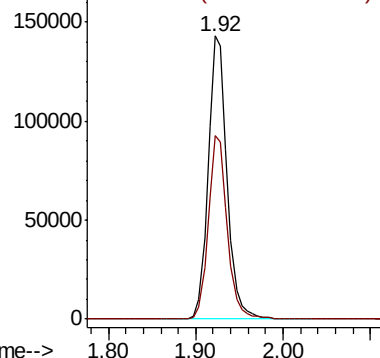
Trichlorofluoromethane
Concen: 49.943 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
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ICVVX060719

Tot Ion:101 Resp: 215918
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.4



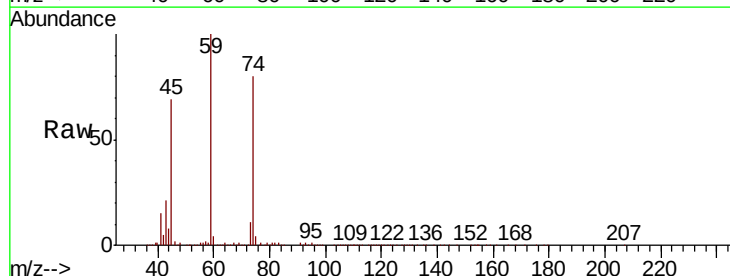
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



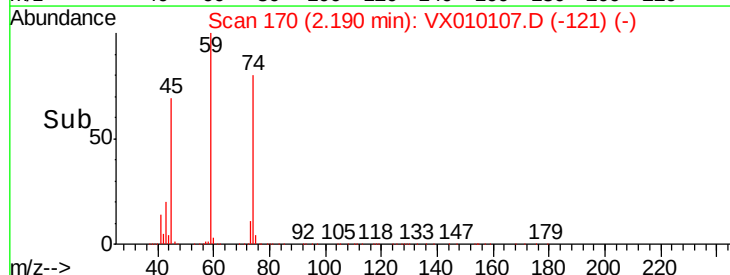
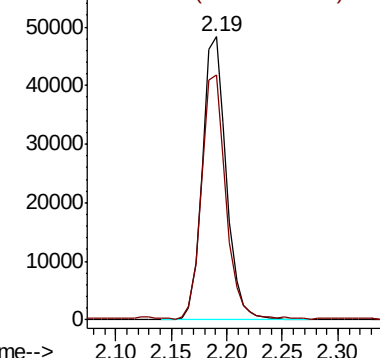
#8

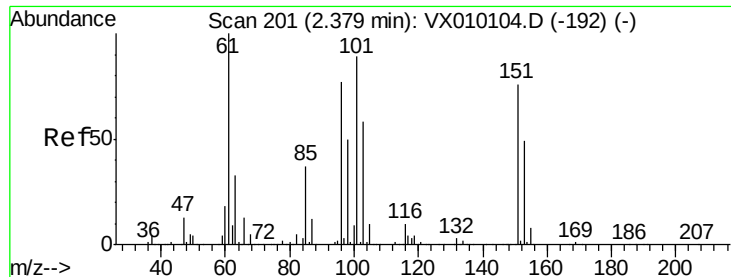
Diethyl Ether
Concen: 47.928 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 74 Resp: 71416
Ion Ratio Lower Upper
74 100
45 87.5 56.1 168.3



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.151 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

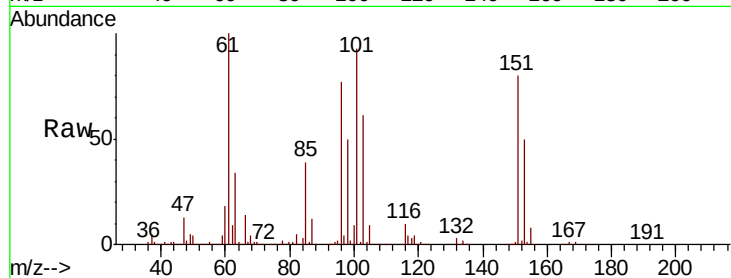
Tot Ion:101 Resp: 149455

Ion Ratio Lower Upper

101 100

85 41.4 35.2 52.8

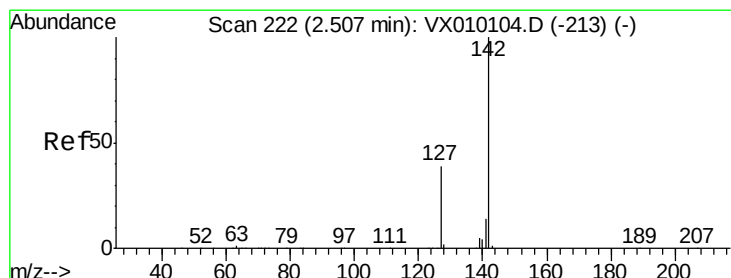
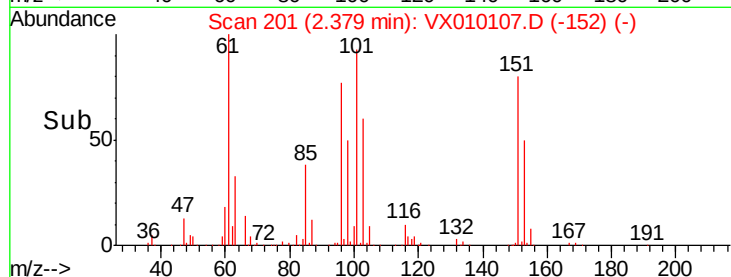
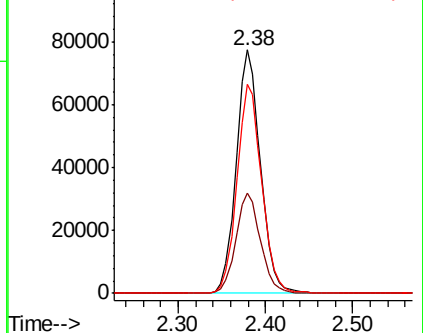
151 87.4 61.9 92.9



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: 50.630 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

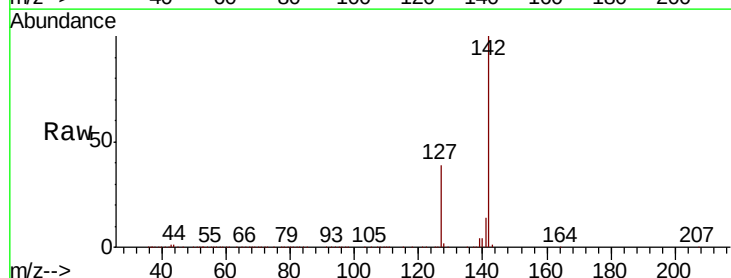
Tgt Ion:142 Resp: 233772

Ion Ratio Lower Upper

142 100

127 38.5 33.0 49.4

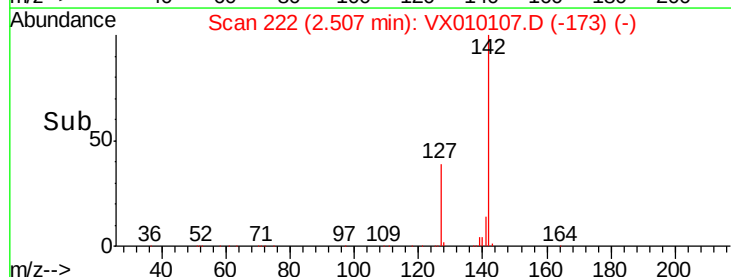
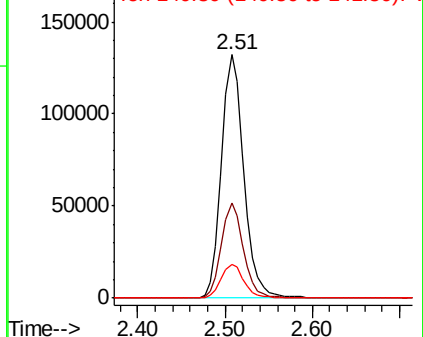
141 14.2 11.4 17.0

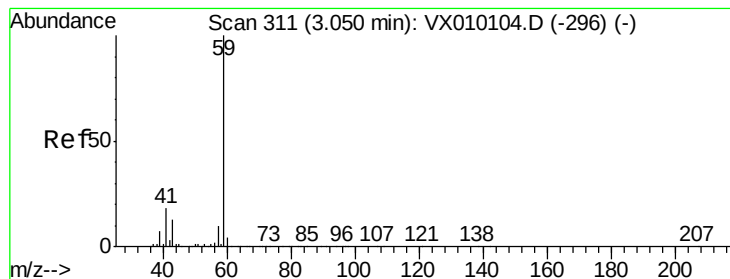


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 252.500 ug/l

RT: 3.05 min Scan# 311

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

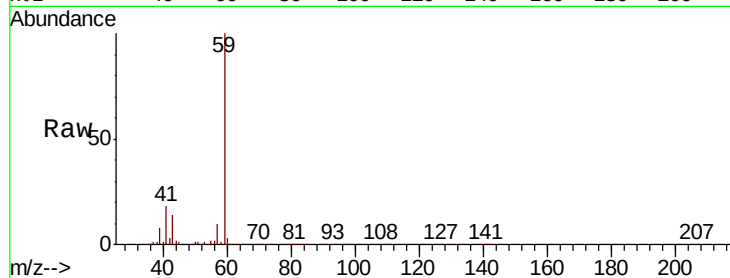
ICVVX060719

Tot Ion: 59 Resp: 204607

Ion Ratio Lower Upper

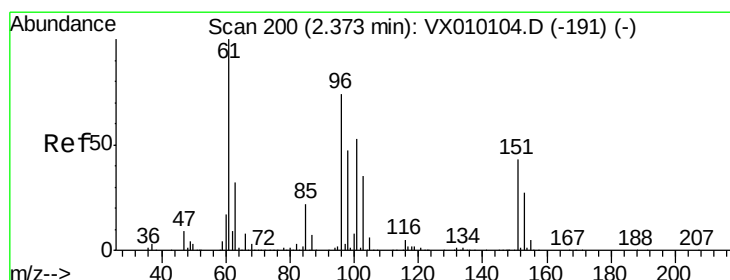
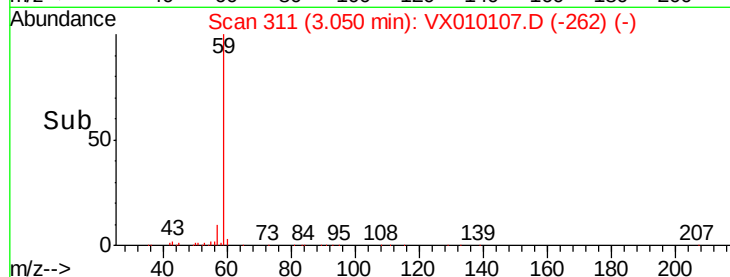
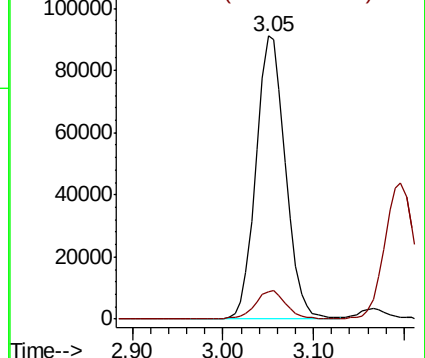
59 100

57 9.9 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 49.652 ug/l

RT: 2.37 min Scan# 199

Delta R.T. -0.01 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

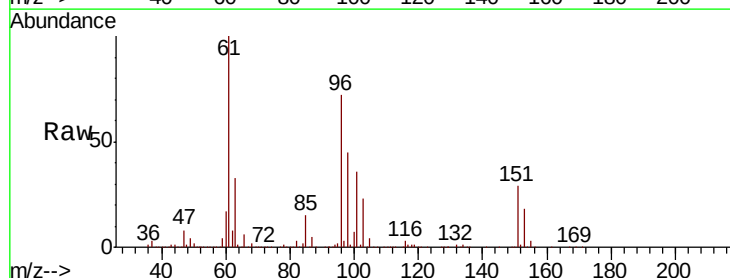
Tgt Ion: 96 Resp: 151135

Ion Ratio Lower Upper

96 100

61 138.6 140.7 211.1#

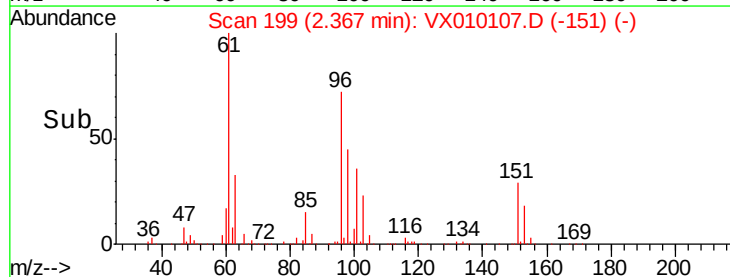
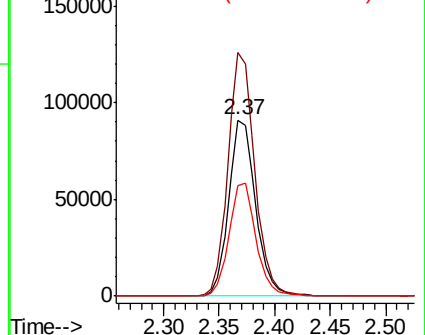
98 62.6 50.1 75.1

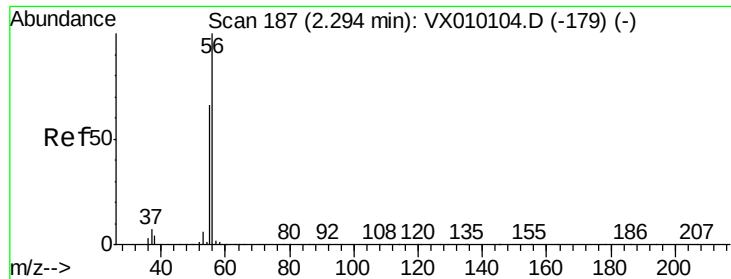


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 249.420 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

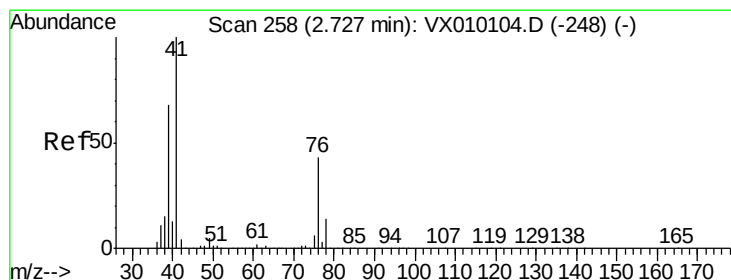
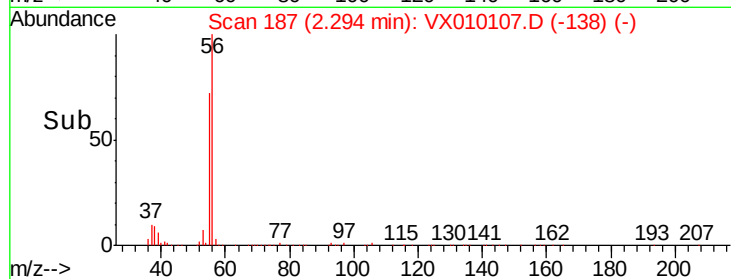
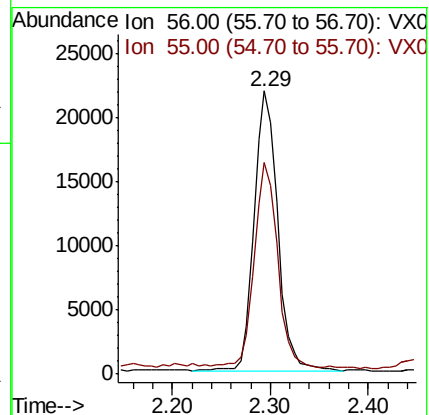
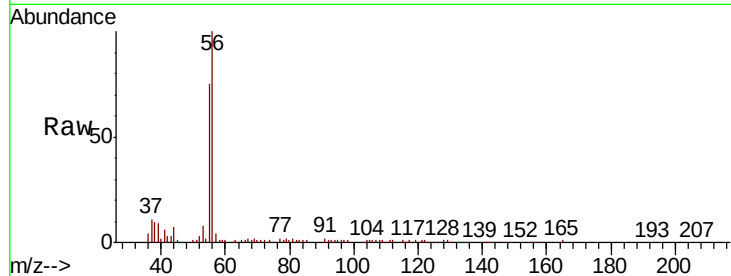
ICVVX060719

Tot Ion: 56 Resp: 36853

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 49.831 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

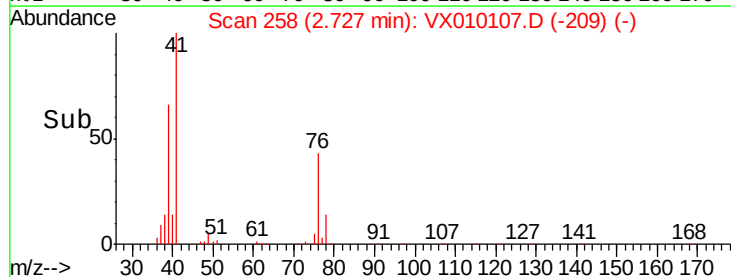
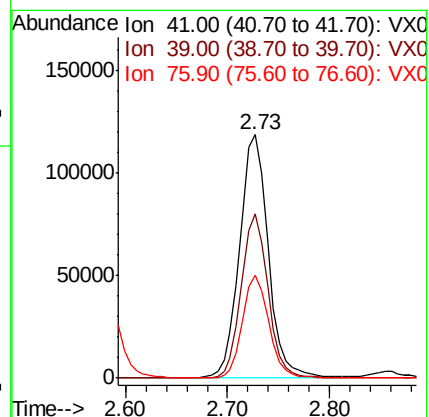
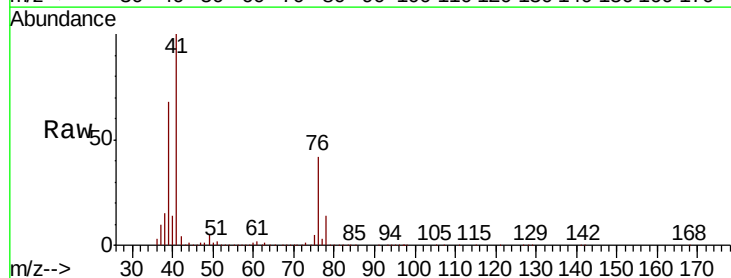
Tgt Ion: 41 Resp: 228956

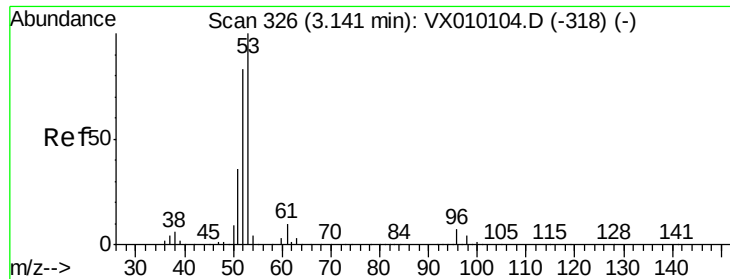
Ion Ratio Lower Upper

41 100

39 63.2 46.7 70.1

76 39.0 21.0 31.4#





#15

Acrylonitrile

Concen: 248.937 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

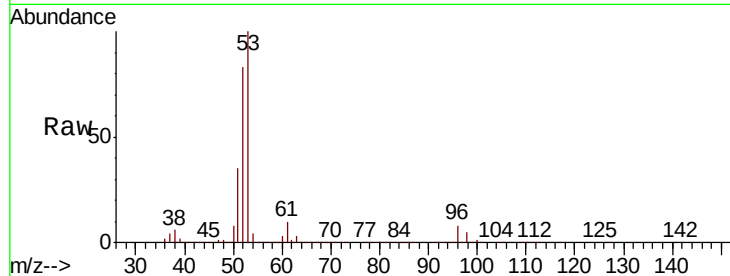
Tot Ion: 53 Resp: 412311

Ion Ratio Lower Upper

53 100

52 82.2 66.7 100.1

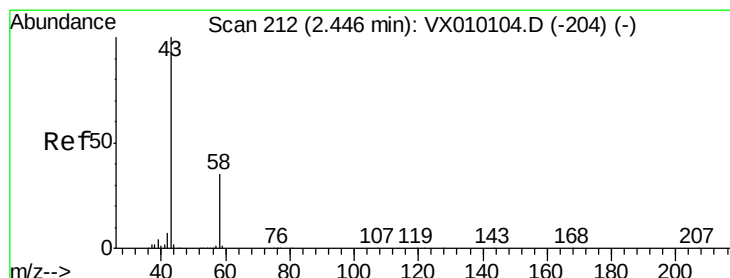
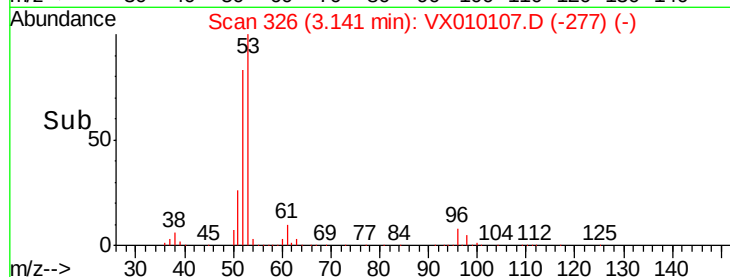
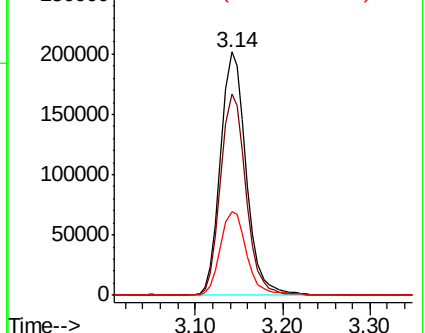
51 35.3 28.8 43.2



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: 252.623 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010107.D

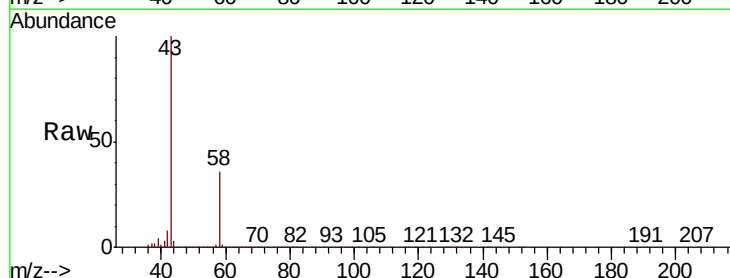
Acq: 07 Jun 2019 13:51

Tgt Ion: 43 Resp: 393032

Ion Ratio Lower Upper

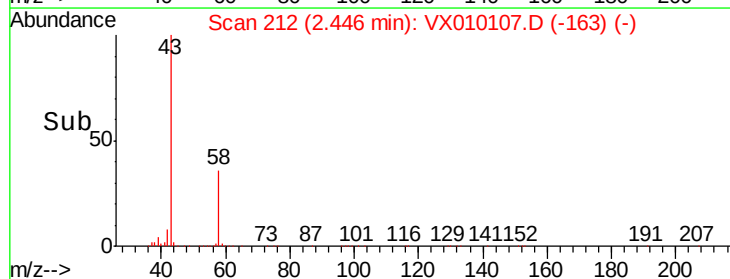
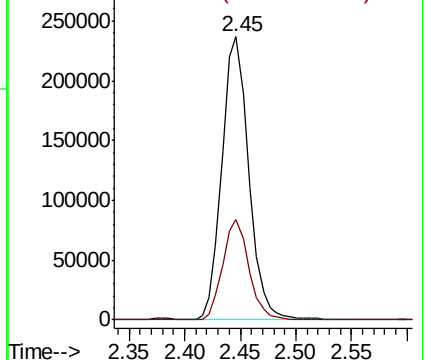
43 100

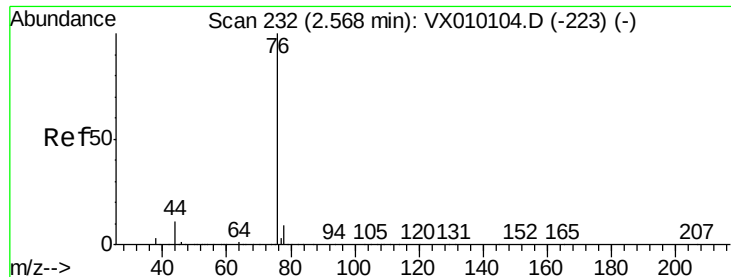
58 35.6 23.2 34.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.631 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

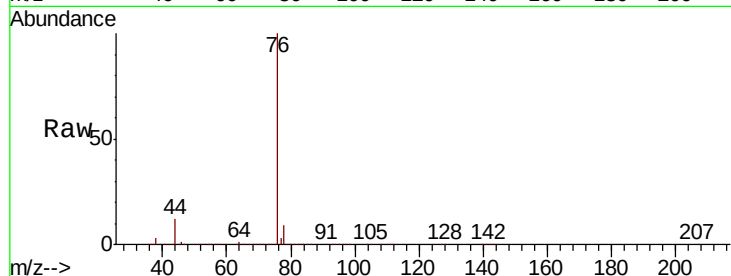
ICVVX060719

Tot Ion: 76 Resp: 436506

Ion Ratio Lower Upper

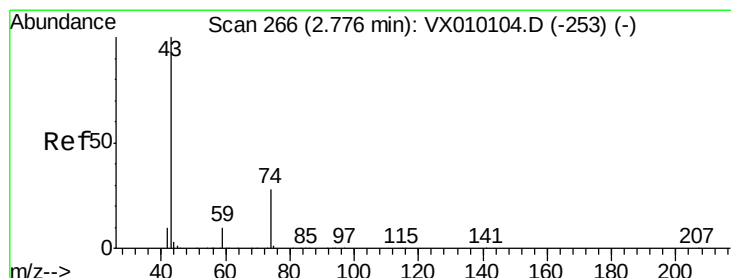
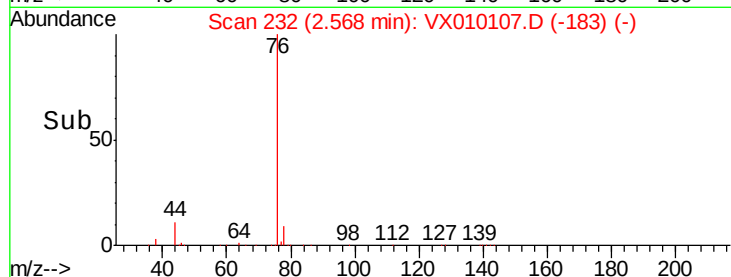
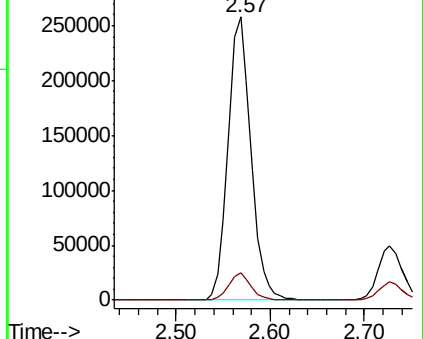
76 100

78 9.4 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 48.652 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010107.D

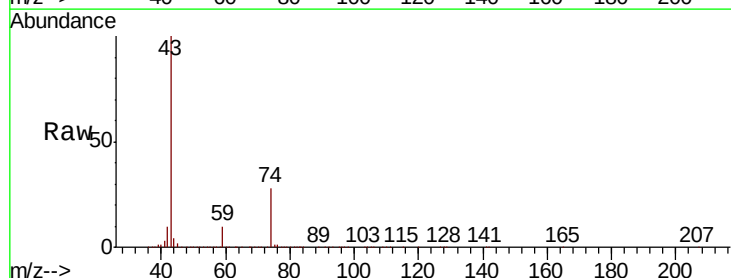
Acq: 07 Jun 2019 13:51

Tgt Ion: 43 Resp: 166463

Ion Ratio Lower Upper

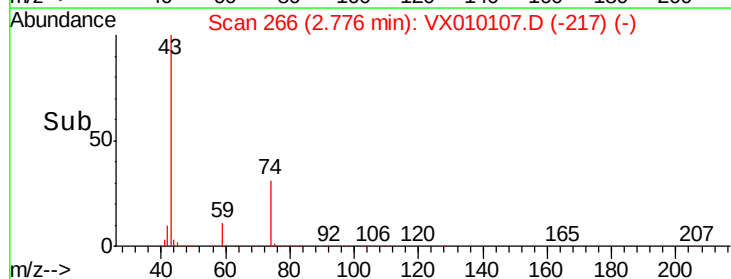
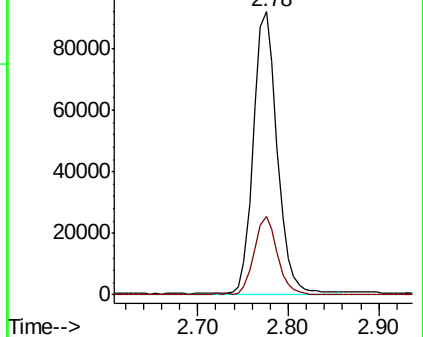
43 100

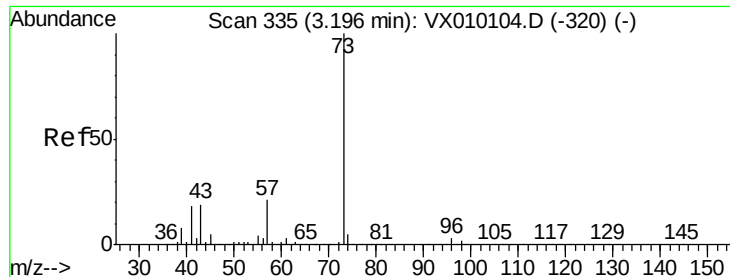
74 27.9 15.8 23.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

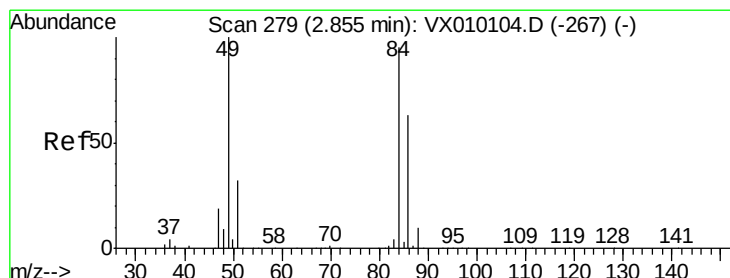
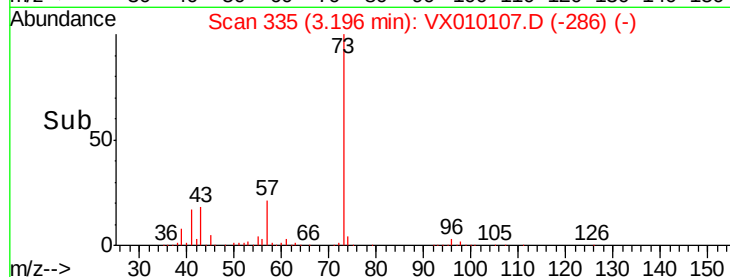
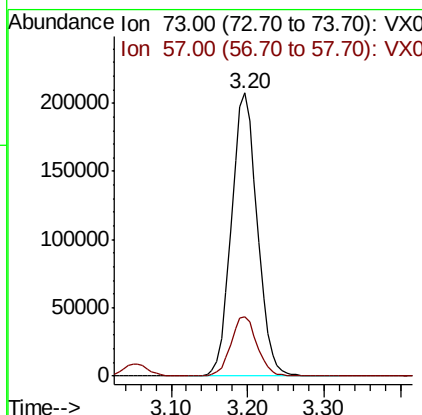
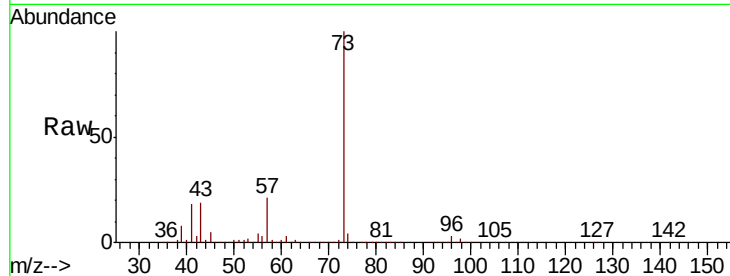




#19
Methyl tert-butyl Ether
Concen: 49.555 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

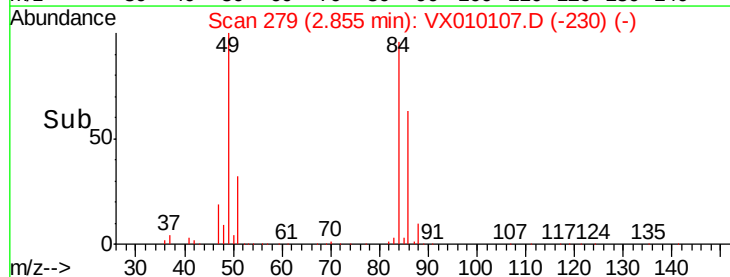
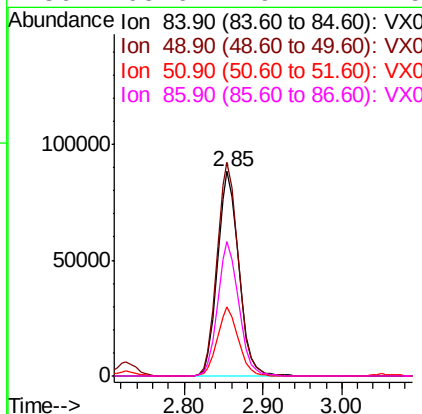
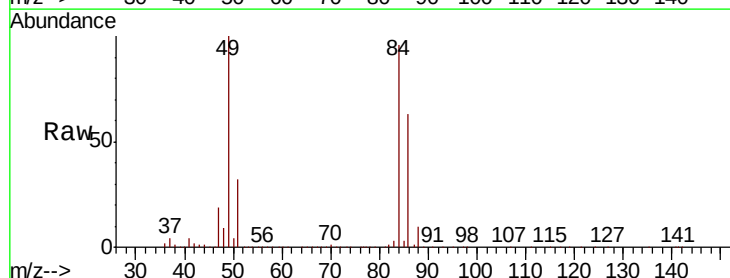
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

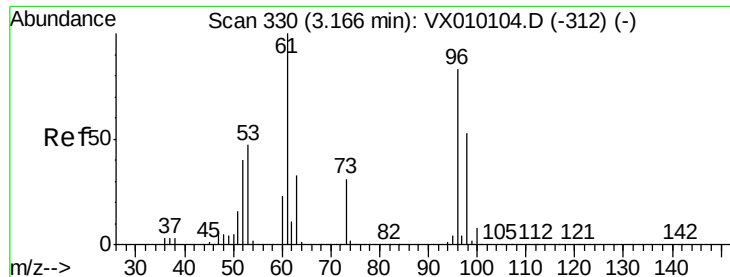
Tot Ion: 73 Resp: 484594
Ion Ratio Lower Upper
73 100
57 21.1 19.4 29.2



#20
Methylene Chloride
Concen: 48.417 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 84 Resp: 165430
Ion Ratio Lower Upper
84 100
49 104.3 115.8 173.6#
51 33.5 34.4 51.6#
86 65.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 47.541 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

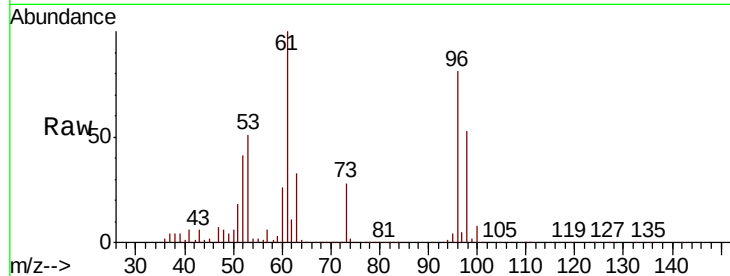
Tot Ion: 96 Resp: 160142

Ion Ratio Lower Upper

96 100

61 123.8 125.7 188.5#

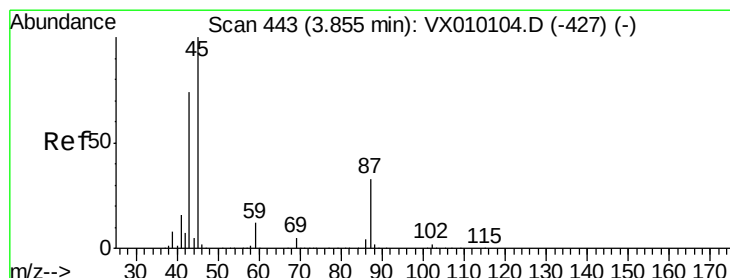
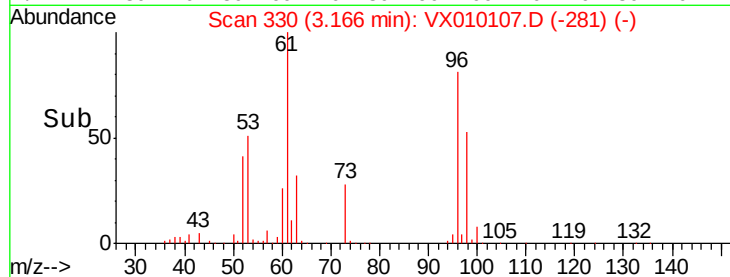
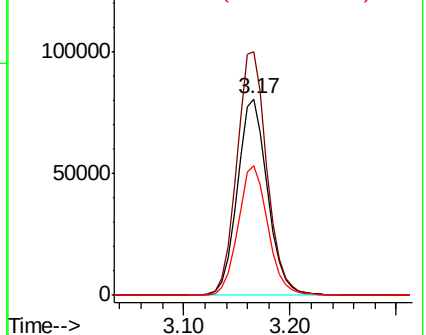
98 65.5 49.0 73.6



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: 50.409 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion: 45 Resp: 442822

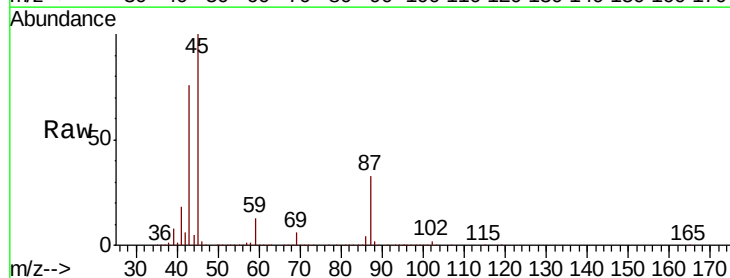
Ion Ratio Lower Upper

45 100

43 76.0 65.0 97.4

87 33.1 17.3 25.9#

59 12.5 8.1 12.1#

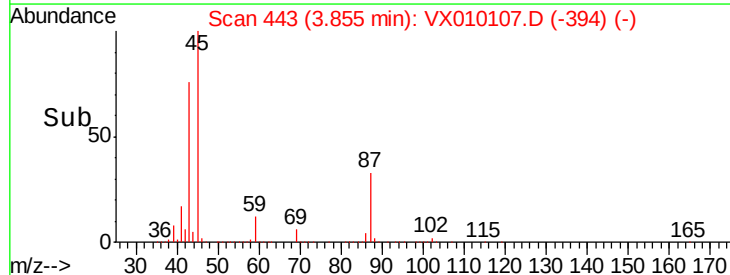
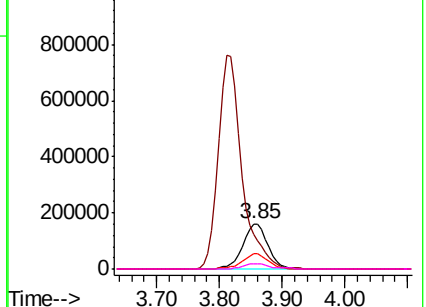


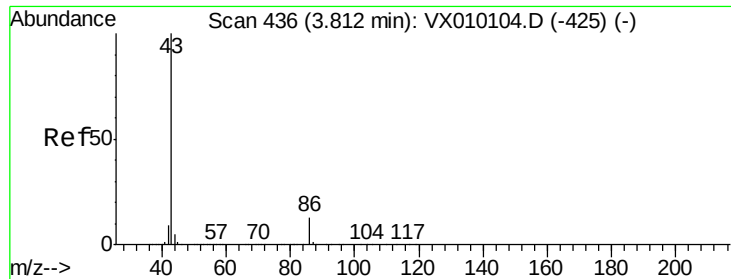
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 254.478 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

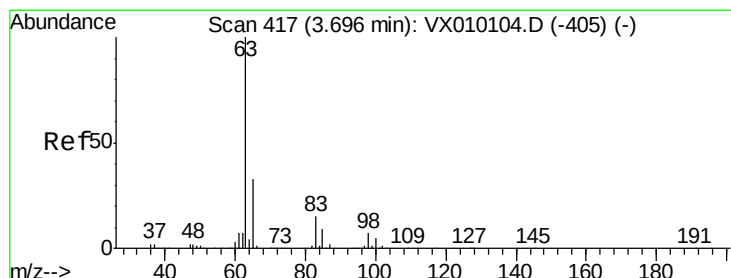
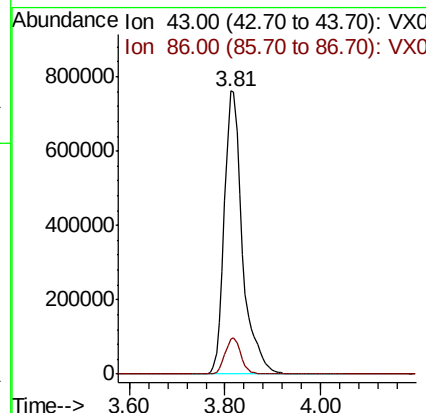
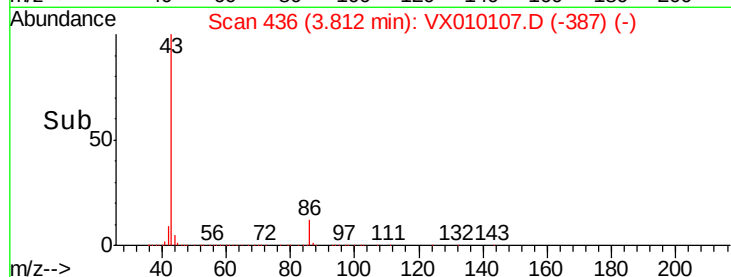
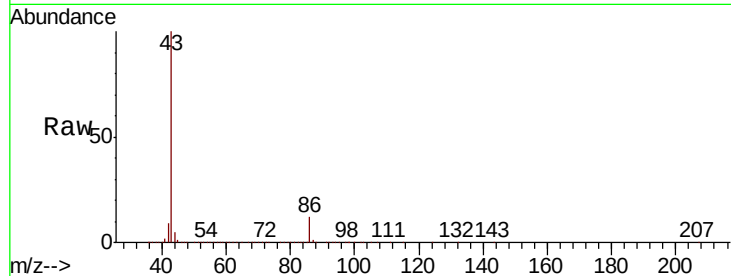
ICVVX060719

Tot Ion: 43 Resp: 1994301

Ion Ratio Lower Upper

43 100

86 12.2 6.5 9.7#



#24

1,1-Dichloroethane

Concen: 49.187 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

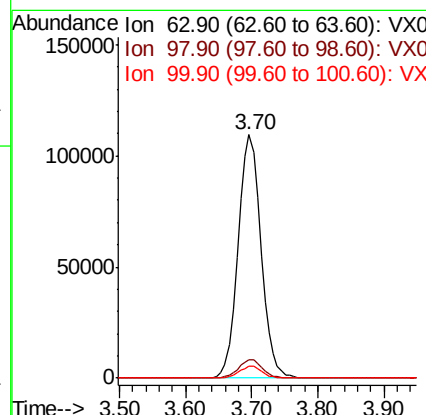
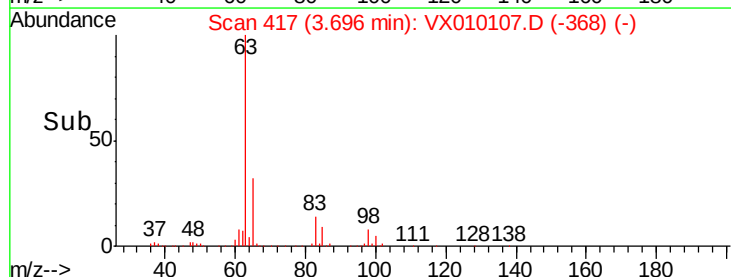
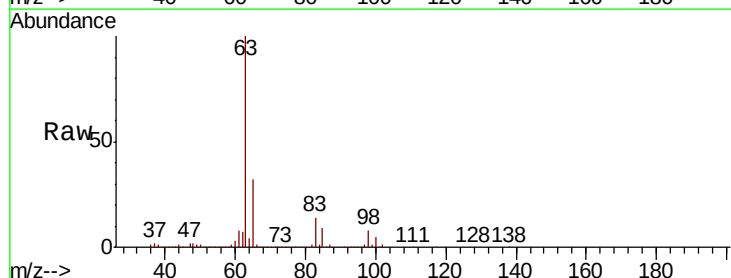
Tgt Ion: 63 Resp: 262343

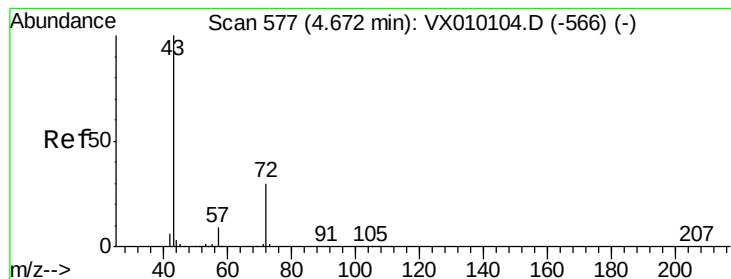
Ion Ratio Lower Upper

63 100

98 7.6 2.9 8.8

100 4.9 1.8 5.4





#25

2-Butanone

Concen: 256.476 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

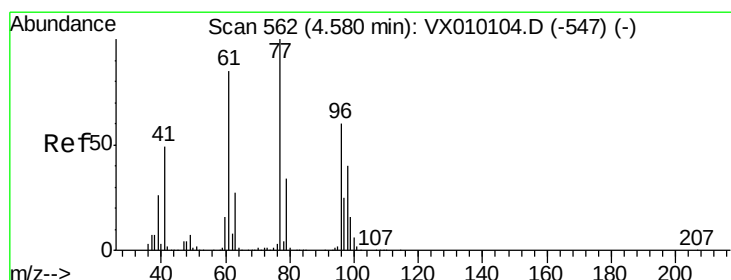
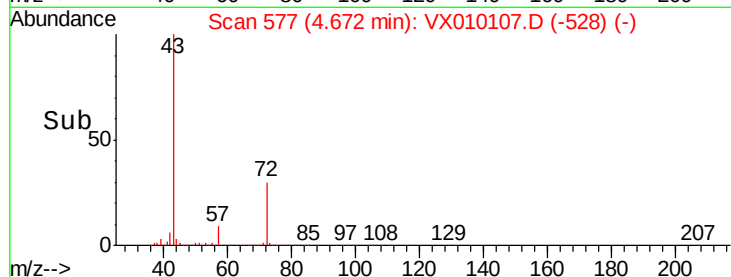
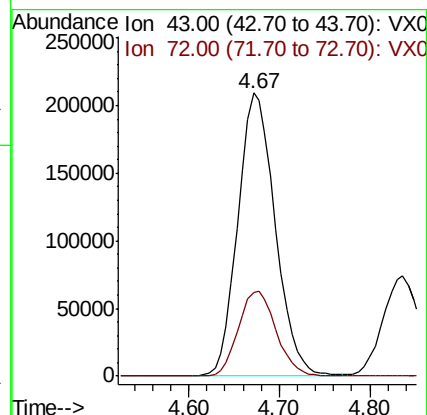
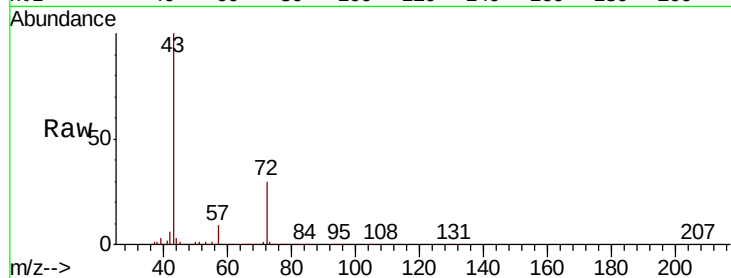
ICVVX060719

Tot Ion: 43 Resp: 594186

Ion Ratio Lower Upper

43 100

72 29.6 17.5 26.3#



#26

2,2-Dichloropropane

Concen: 50.427 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010107.D

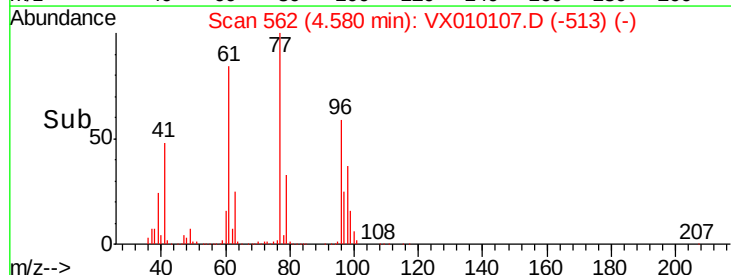
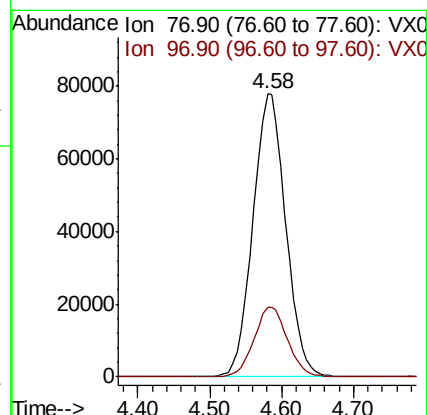
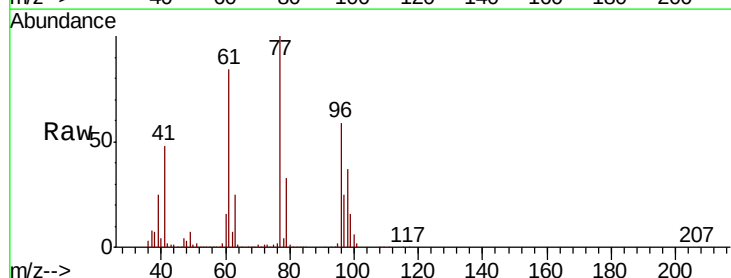
Acq: 07 Jun 2019 13:51

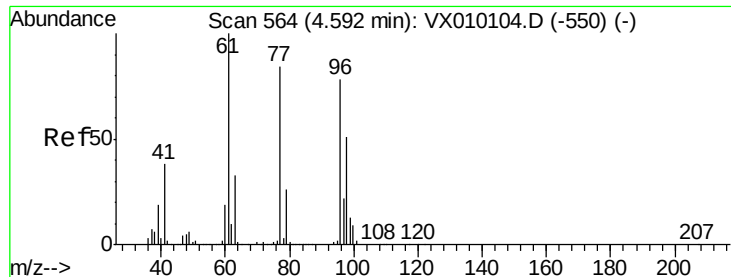
Tgt Ion: 77 Resp: 245368

Ion Ratio Lower Upper

77 100

97 25.1 11.4 34.2



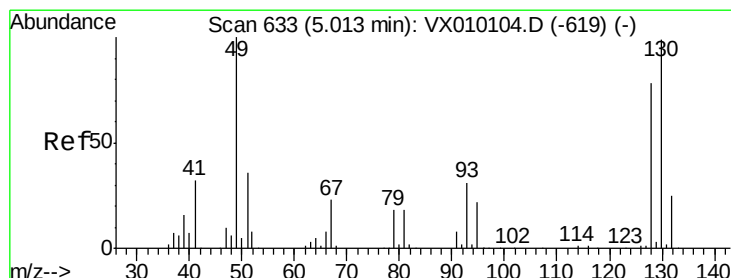
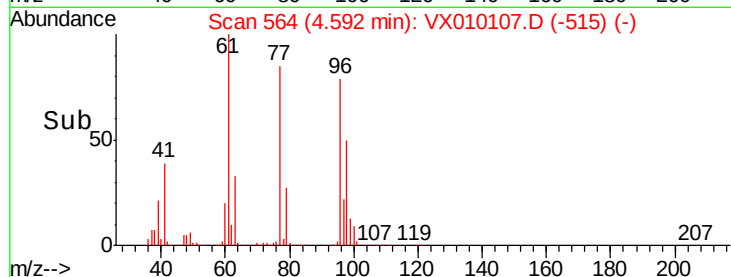
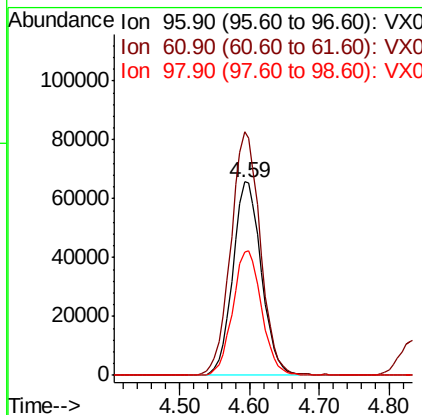
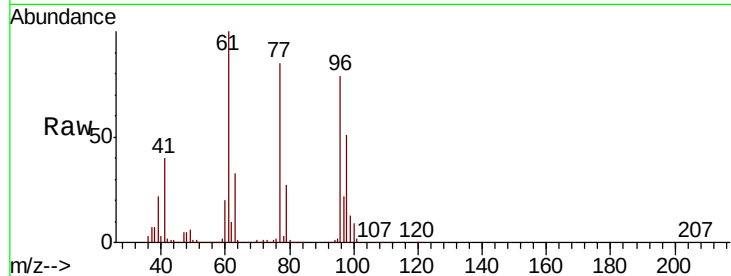


#27

cis-1,2-Dichloroethene
 Concen: 49.570 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX060719

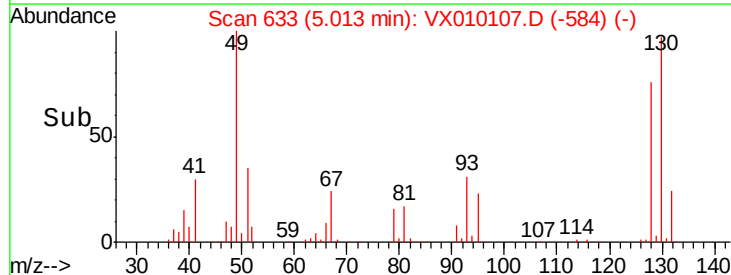
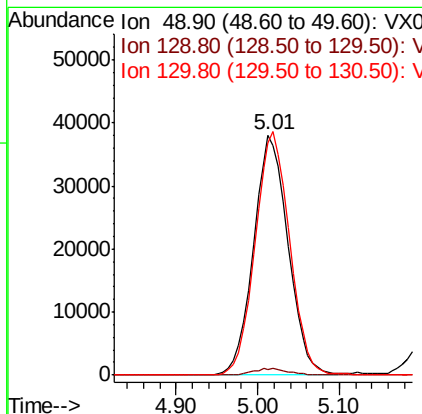
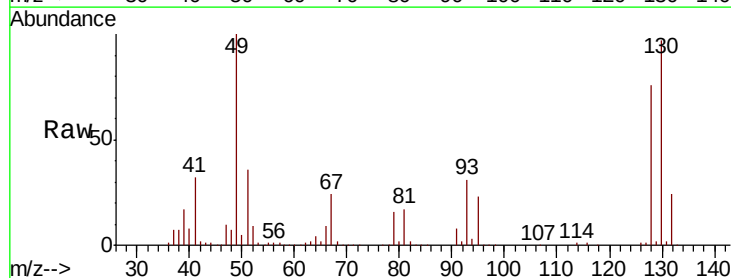
Tot Ion	96	Resp	185757
Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	334.0
98	65.0	0.0	131.6

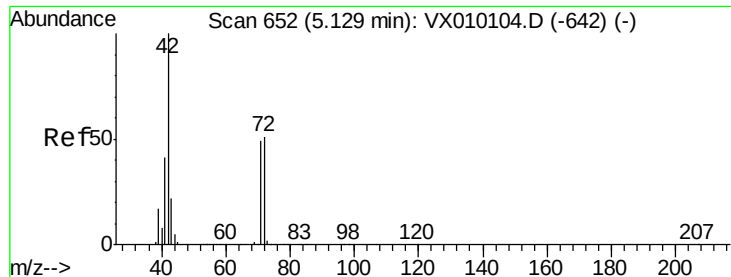


#28

Bromochloromethane
 Concen: 47.004 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion	49	Resp	112358
Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	3.4
130	100.9	49.4	74.2#

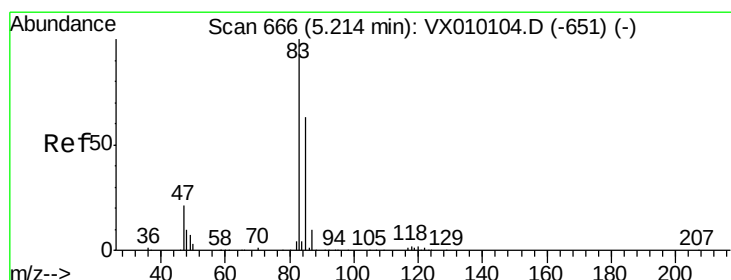
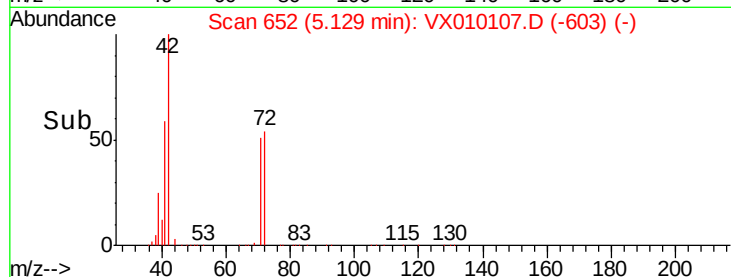
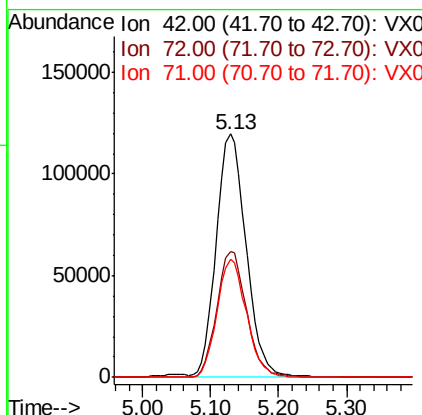
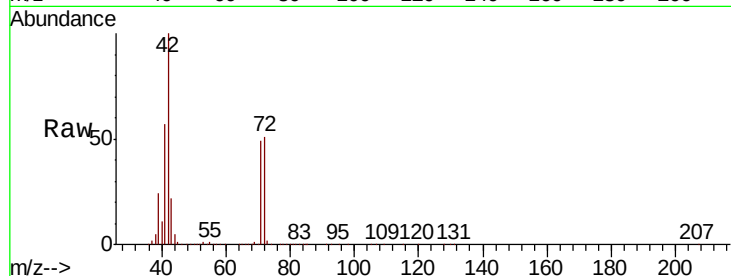




#29
Tetrahydrofuran
Concen: 249.121 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

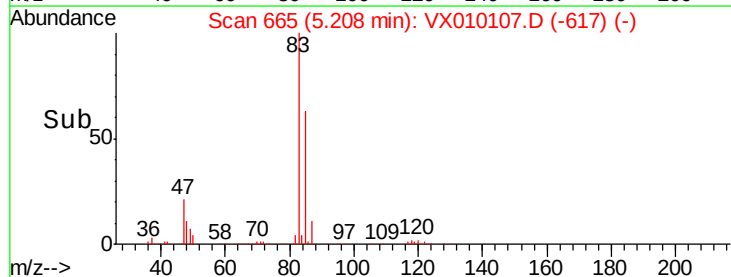
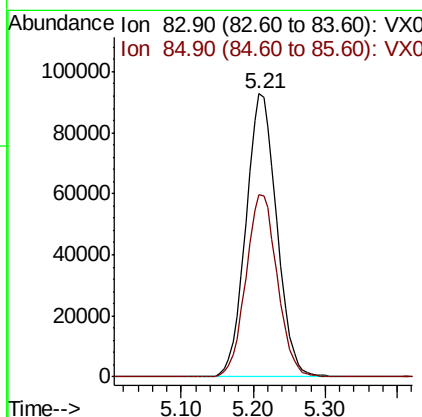
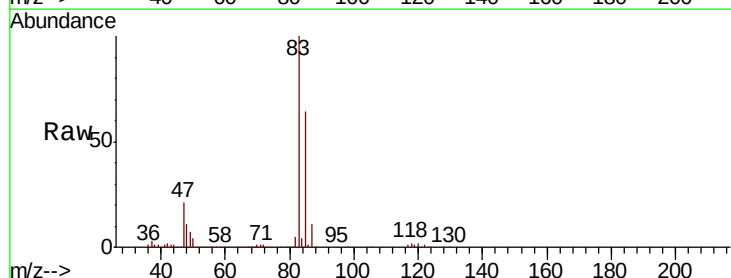
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

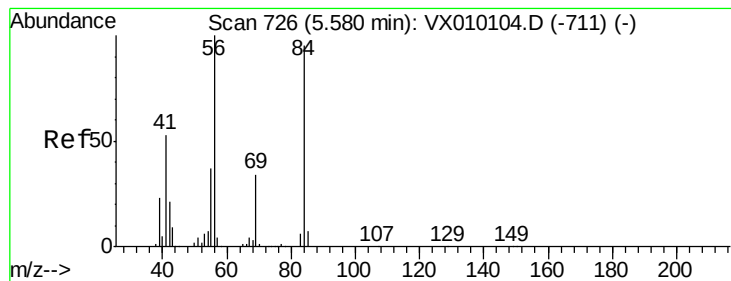
Tot Ion: 42 Resp: 362712
Ion Ratio Lower Upper
42 100
72 51.8 29.2 43.8#
71 48.5 27.6 41.4#



#30
Chloroform
Concen: 49.554 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 83 Resp: 274491
Ion Ratio Lower Upper
83 100
85 64.3 52.6 78.8





#31

Cyclohexane

Concen: 50.772 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

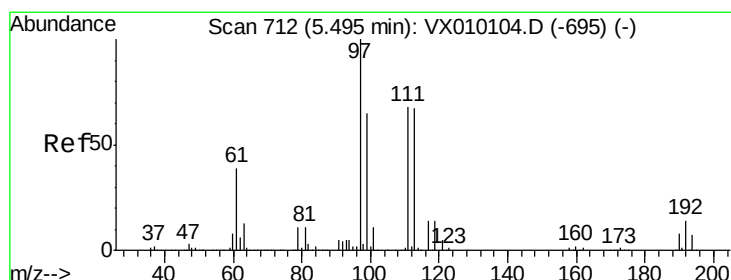
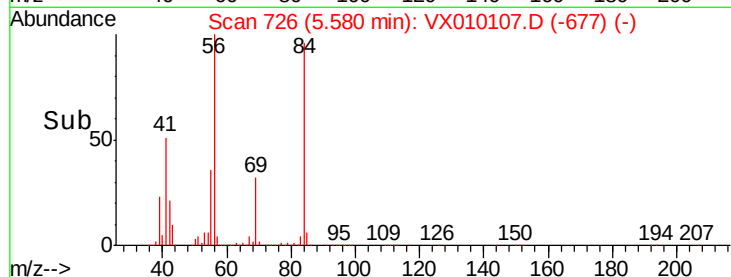
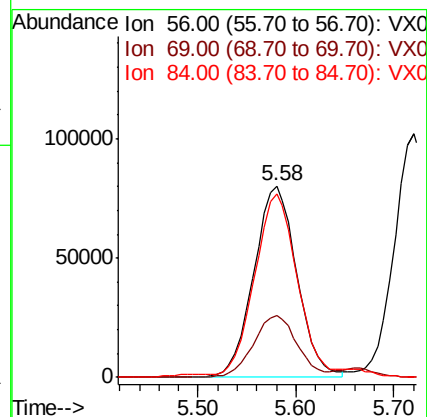
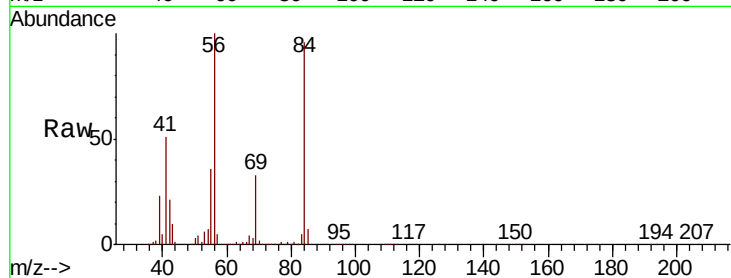
Tot Ion: 56 Resp: 244398

Ion Ratio Lower Upper

56 100

69 32.5 21.6 32.4#

84 94.2 56.8 85.2#



#32

1,1,1-Trichloroethane

Concen: 48.848 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

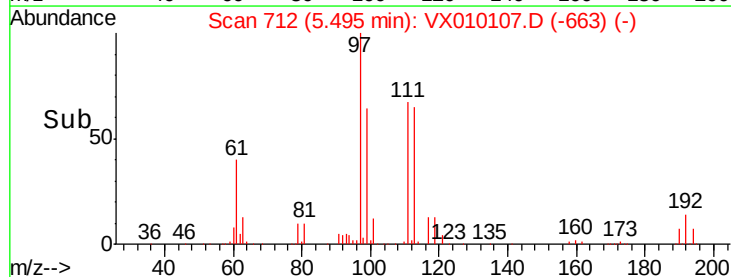
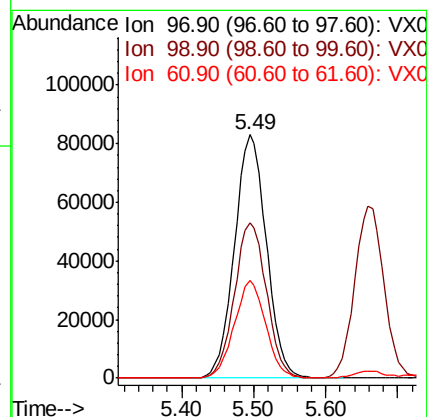
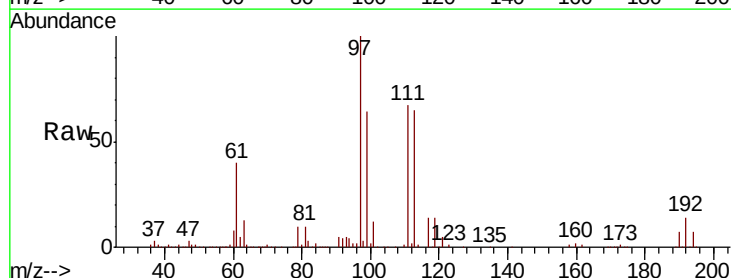
Tgt Ion: 97 Resp: 254372

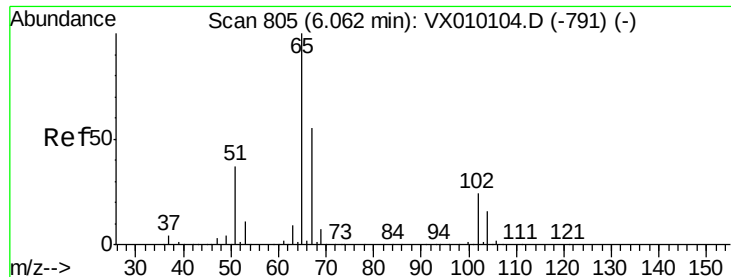
Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.4

61 39.5 38.7 58.1

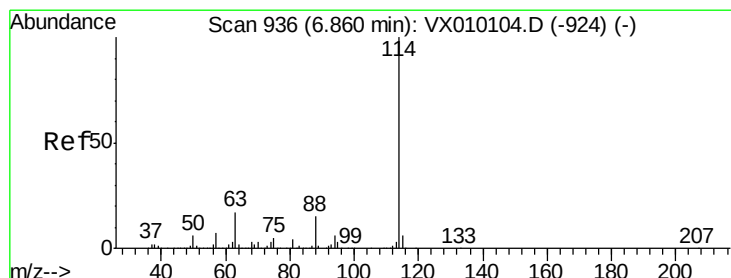
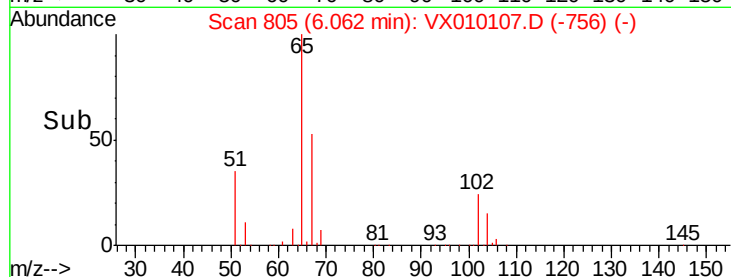
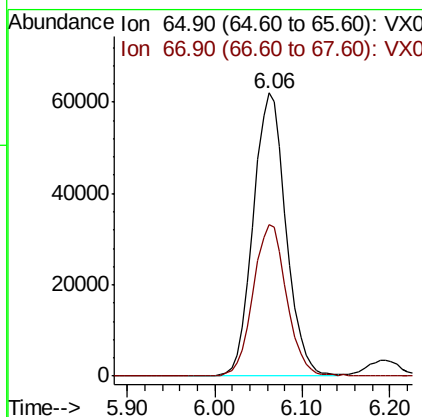
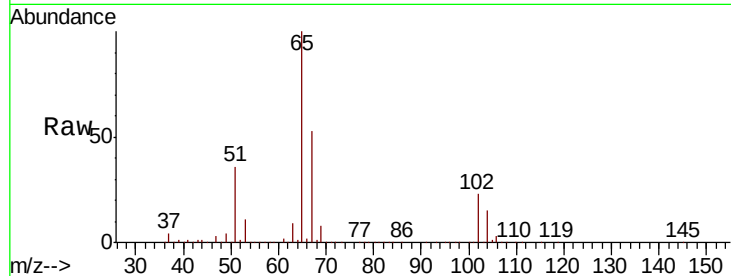




#33
 1,2-Dichloroethane-d4
 Concen: 48.981 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

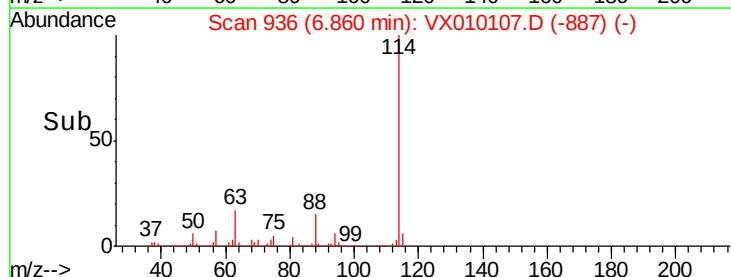
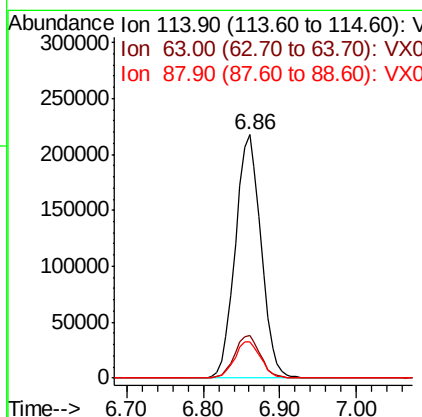
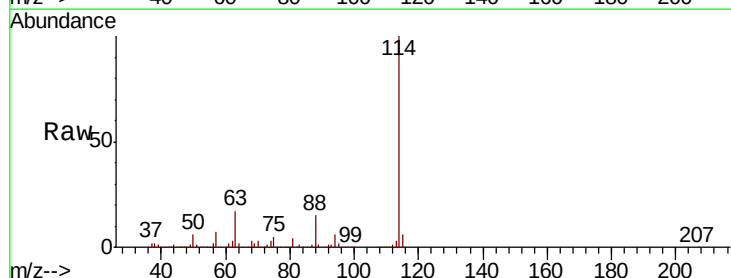
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

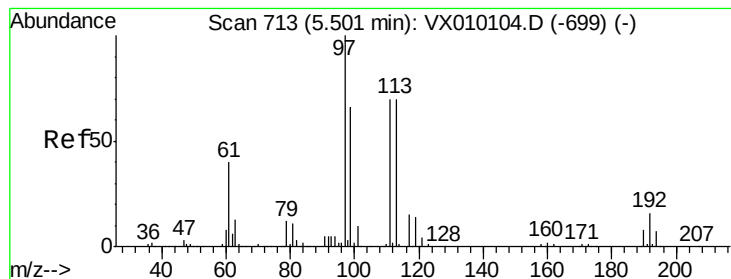
Tot Ion: 65 Resp: 162019
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion: 114 Resp: 507245
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 47.4
 88 14.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.997 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

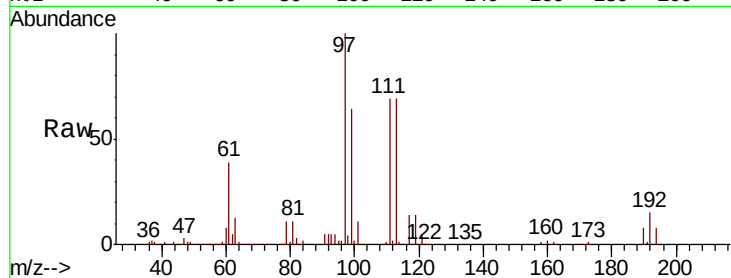
Tot Ion:113 Resp: 156432

Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.2

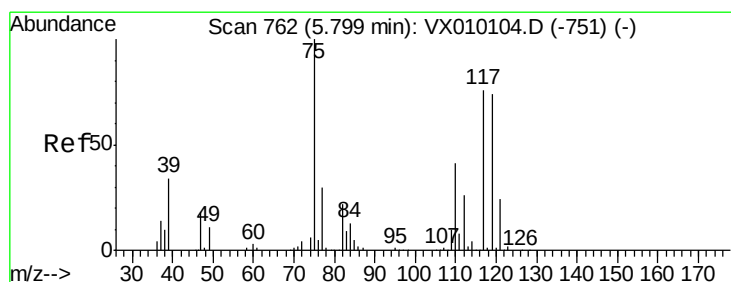
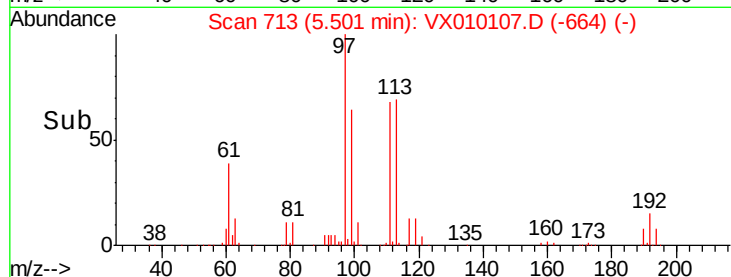
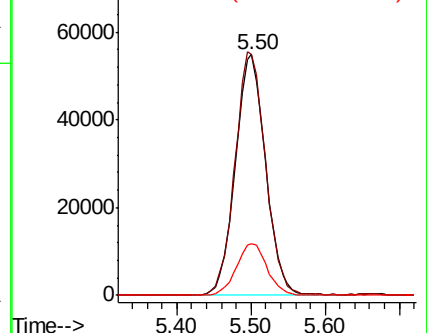
192 22.0 17.1 25.7



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: 50.342 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

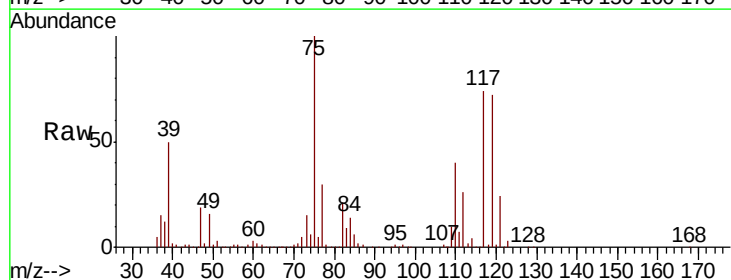
Tgt Ion: 75 Resp: 208332

Ion Ratio Lower Upper

75 100

110 41.2 16.7 50.1

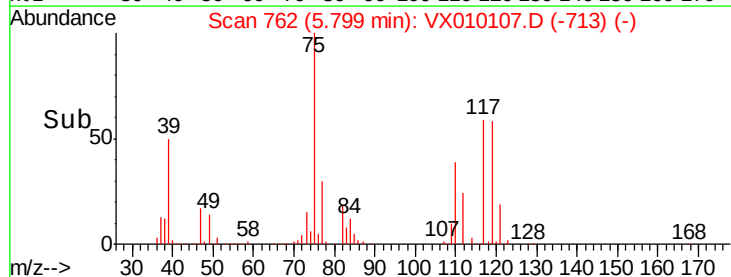
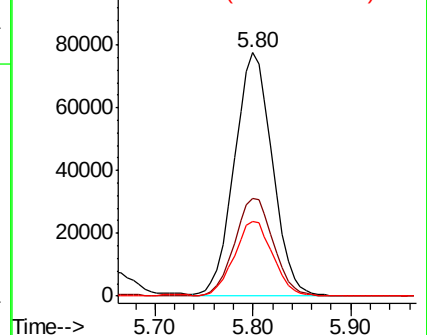
77 30.9 25.0 37.4

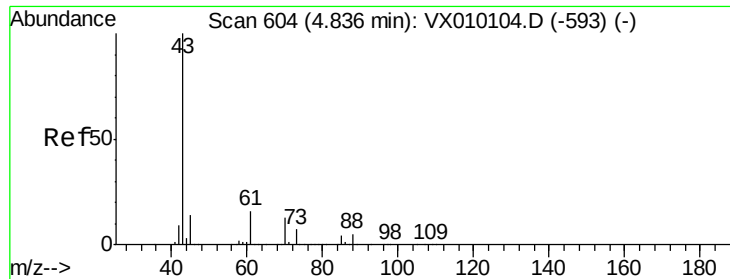


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

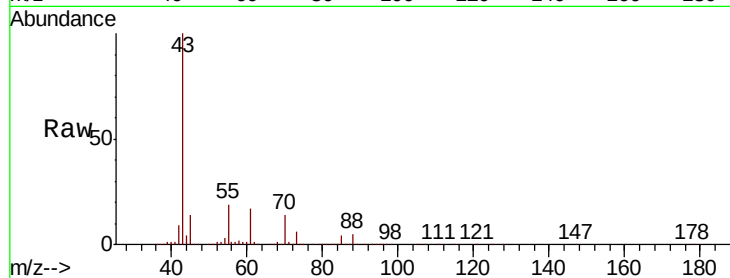




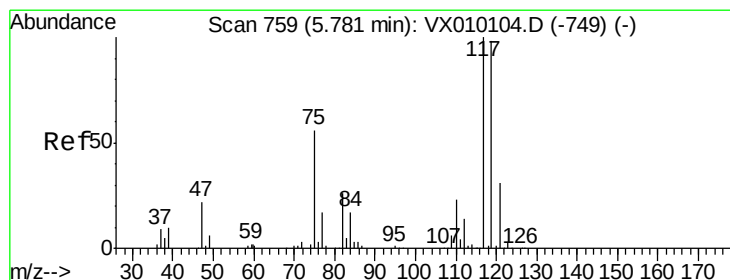
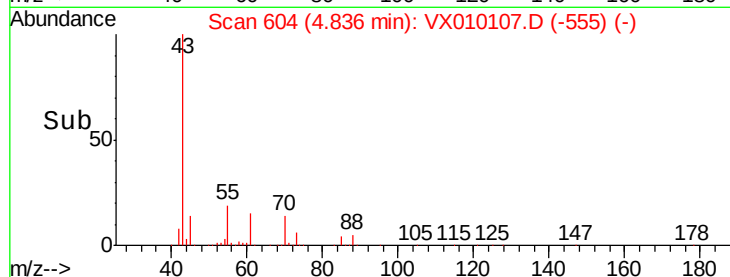
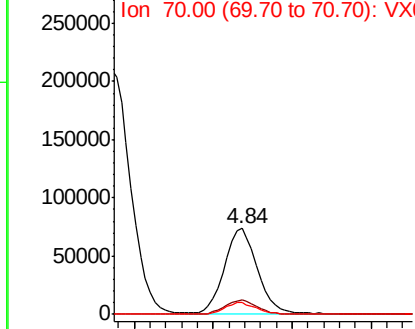
#37
Ethyl Acetate
Concen: 49.664 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampled :
ICVVX060719

Tot Ion: 43 Resp: 213845
Ion Ratio Lower Upper
43 100
61 16.0 10.2 15.2#
70 13.3 7.4 11.2#

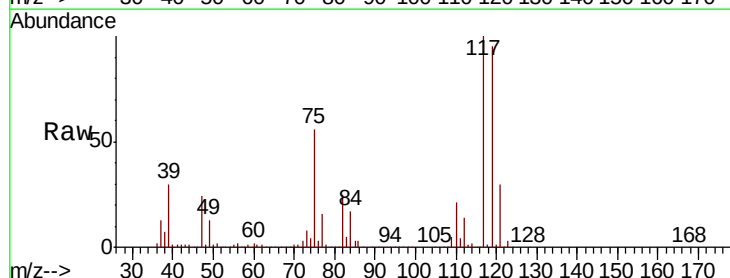


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

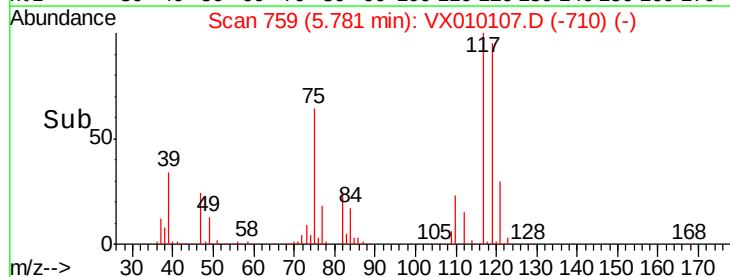
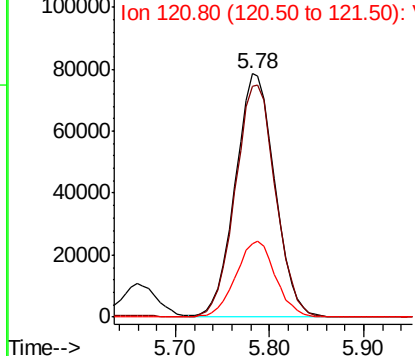


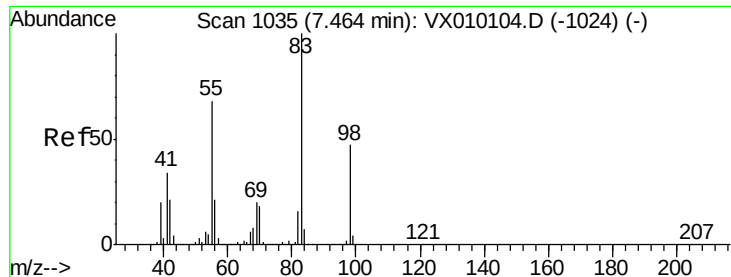
#38
Carbon Tetrachloride
Concen: 48.965 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 117 Resp: 229360
Ion Ratio Lower Upper
117 100
119 95.0 77.3 115.9
121 30.1 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

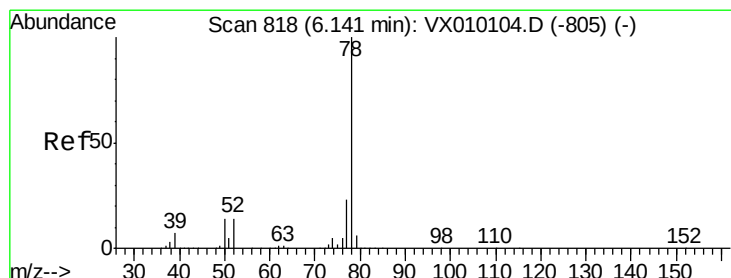
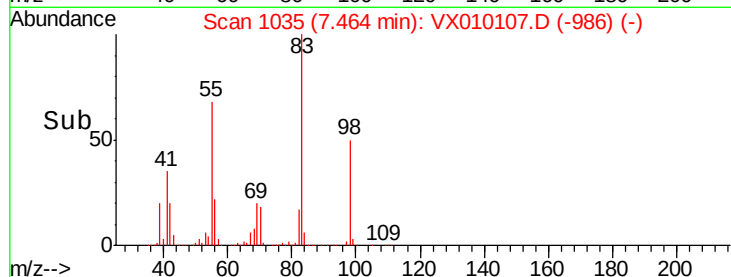
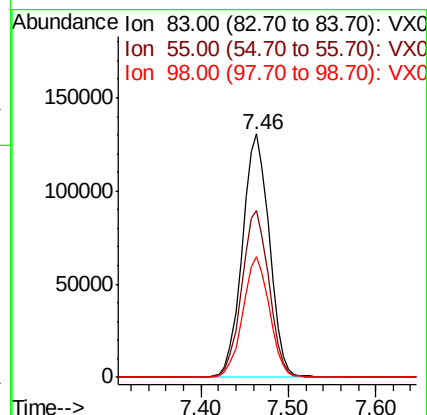
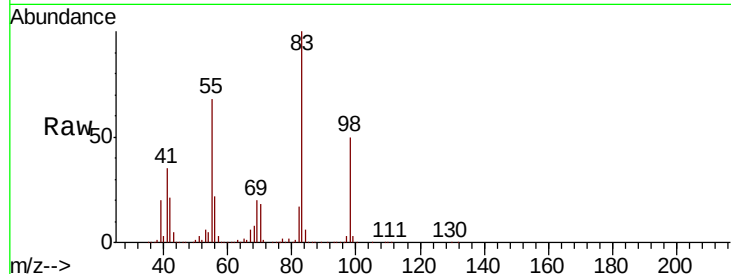




#39
Methylvlcyclohexane
Concen: 49.751 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

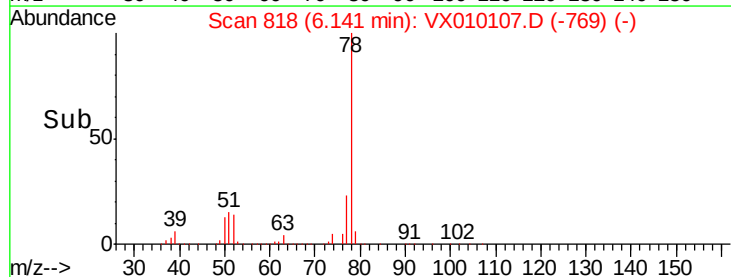
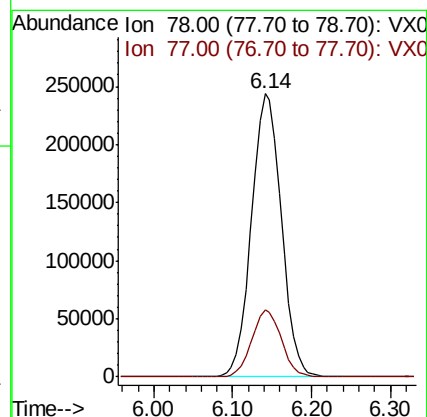
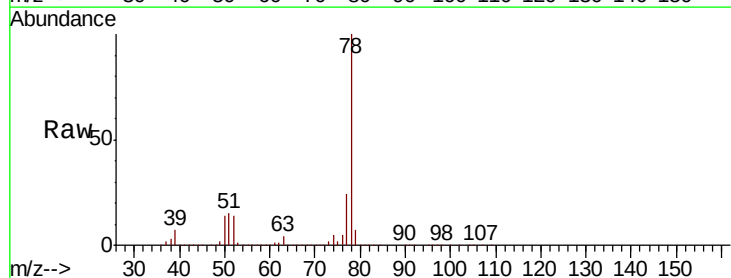
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

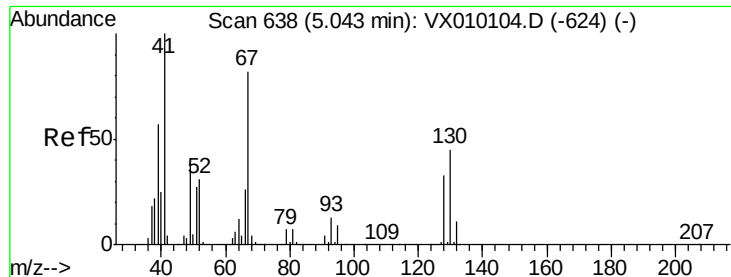
Tot Ion	Ratio	Lower	Upper
83	100		
55	68.2	69.9	104.9#
98	49.8	35.1	52.7



#40
Benzene
Concen: 50.109 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#41

Methacrylonitrile

Concen: 49.884 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

Tot Ion: 41 Resp: 116189

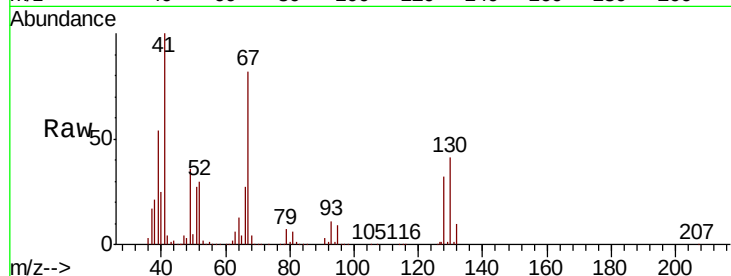
Ion Ratio Lower Upper

41 100

39 55.5 42.2 63.4

67 84.1 48.9 73.3#

52 31.1 20.1 30.1#



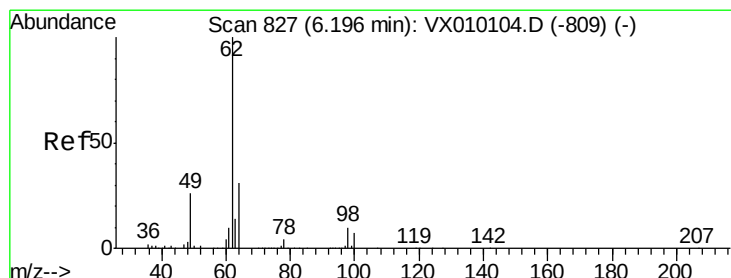
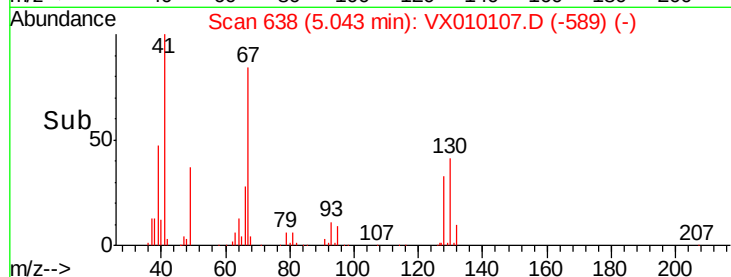
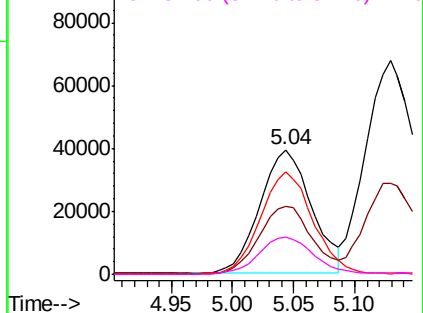
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.731 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX010107.D

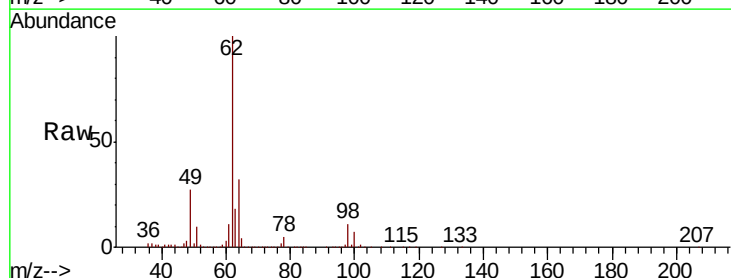
Acq: 07 Jun 2019 13:51

Tgt Ion: 62 Resp: 207253

Ion Ratio Lower Upper

62 100

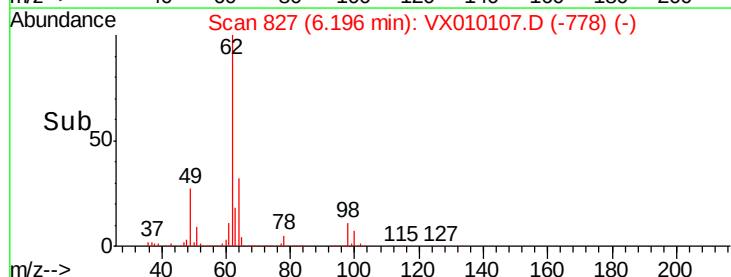
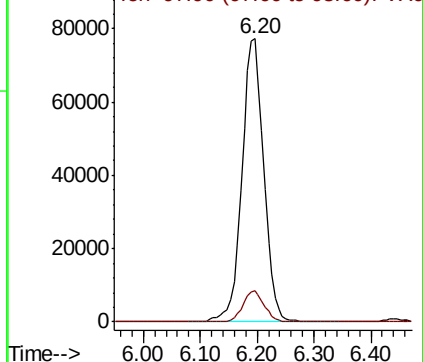
98 10.3 0.0 17.2

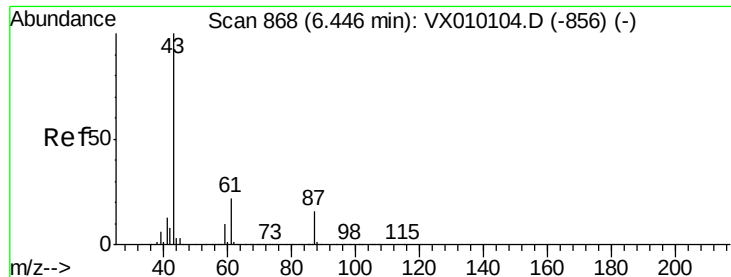


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



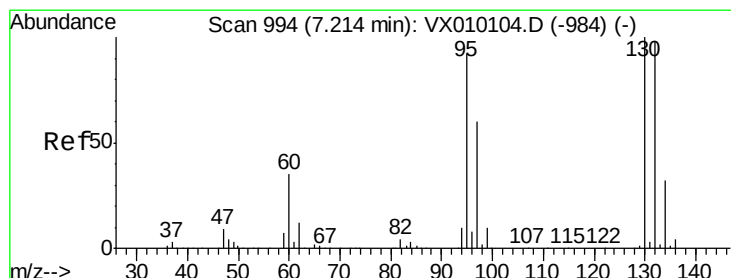
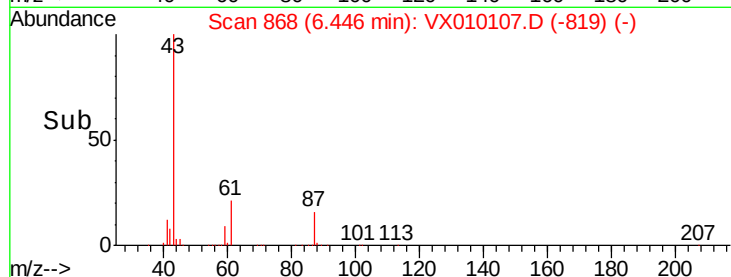
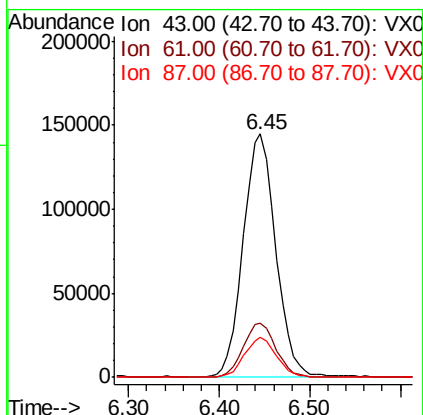
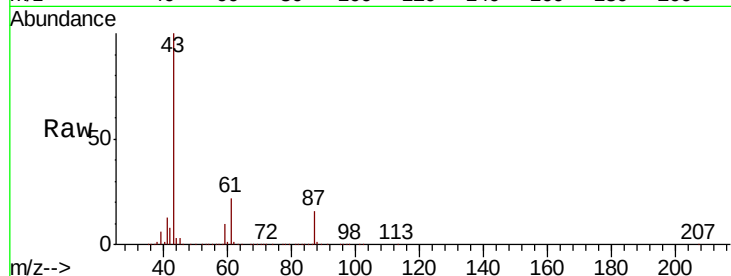


#43

Isopropyl Acetate
 Concen: 49.624 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

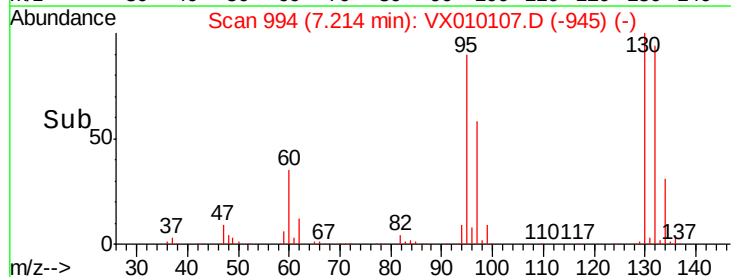
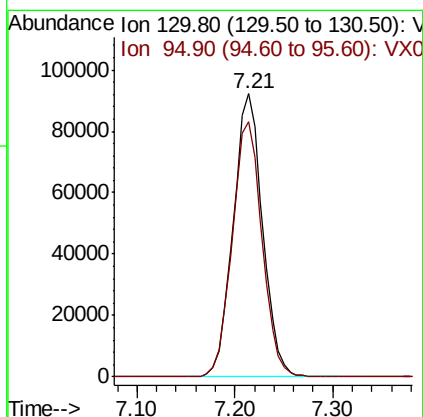
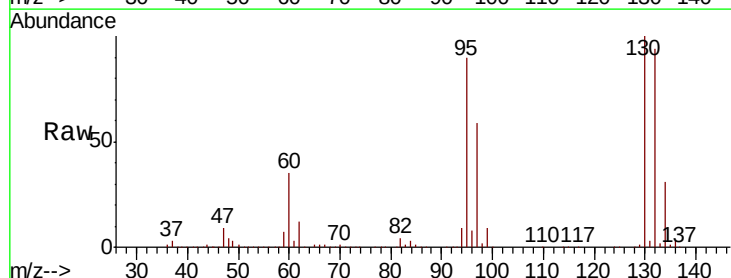
Tot Ion: 43 Resp: 357262
 Ion Ratio Lower Upper
 43 100
 61 22.5 14.6 21.8#
 87 16.4 8.7 13.1#

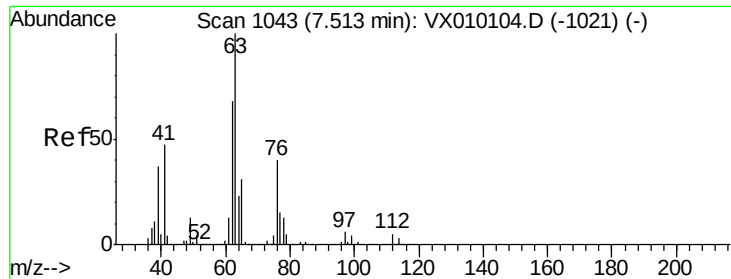


#44

Trichloroethene
 Concen: 49.757 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion:130 Resp: 191926
 Ion Ratio Lower Upper
 130 100
 95 90.0 0.0 207.4





#45

1,2-Dichloropropane

Concen: 50.404 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

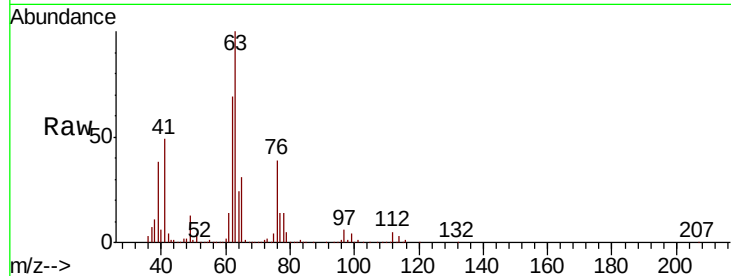
ICVVX060719

Tot Ion: 63 Resp: 161437

Ion Ratio Lower Upper

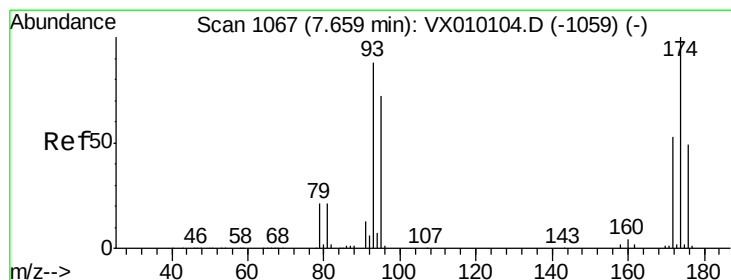
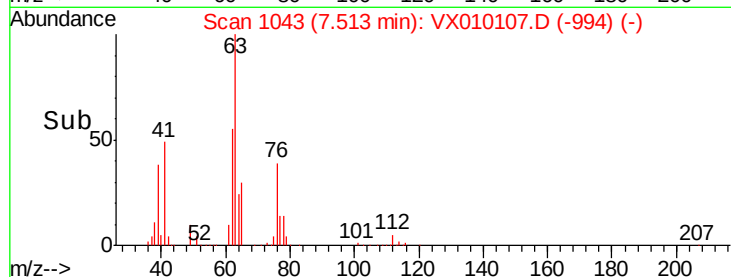
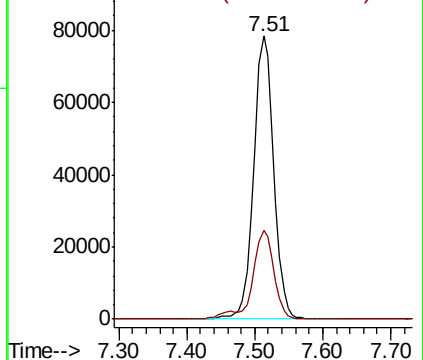
63 100

65 31.3 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: 48.550 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

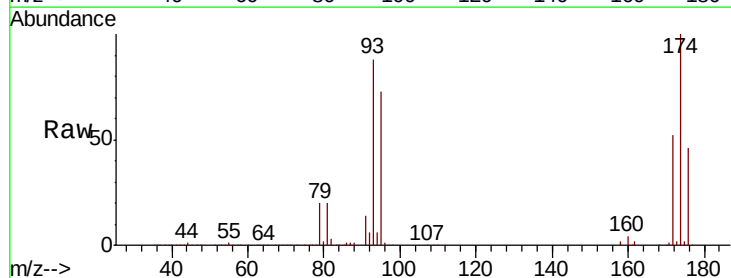
Tgt Ion: 93 Resp: 116497

Ion Ratio Lower Upper

93 100

95 83.4 66.8 100.2

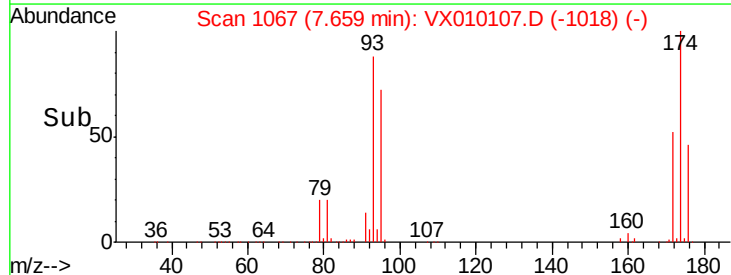
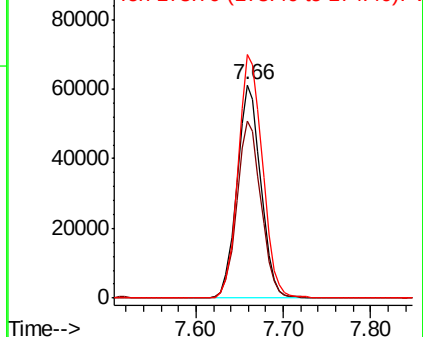
174 116.6 81.9 122.9

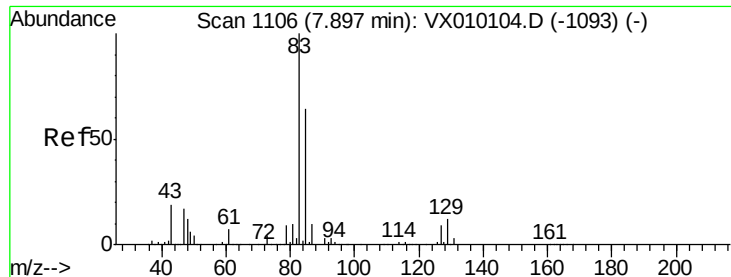


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

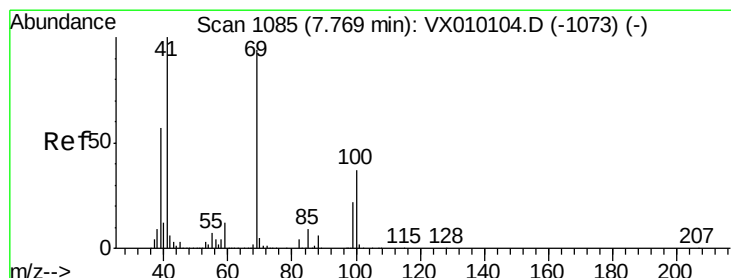
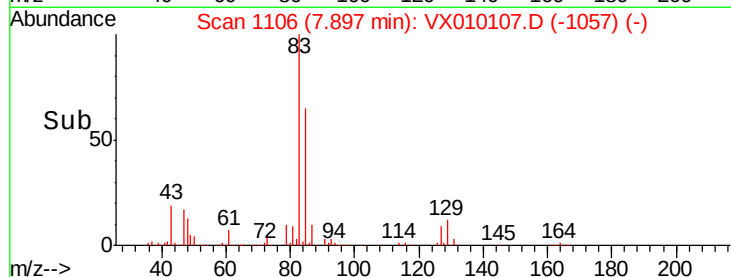
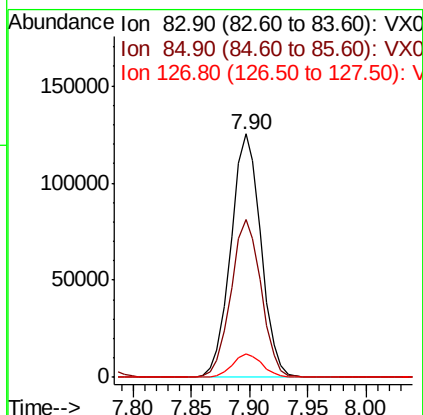
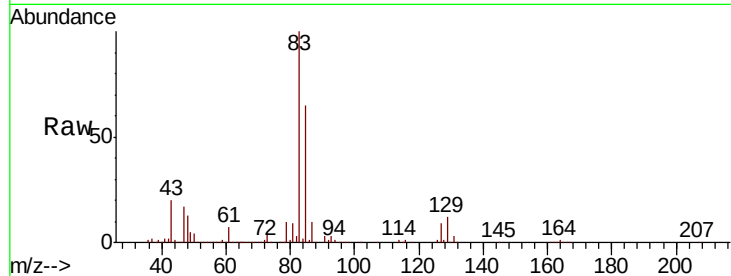




#47
Bromodichloromethane
Concen: 50.100 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

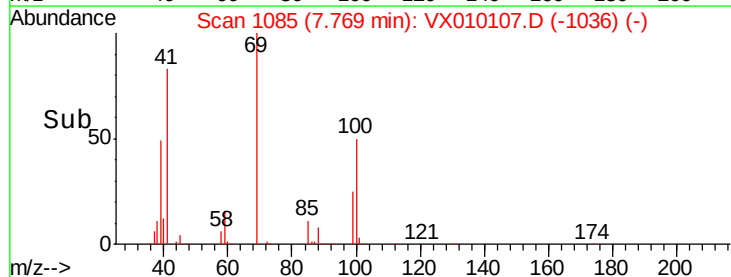
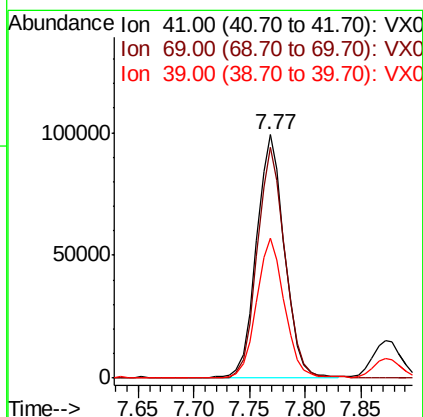
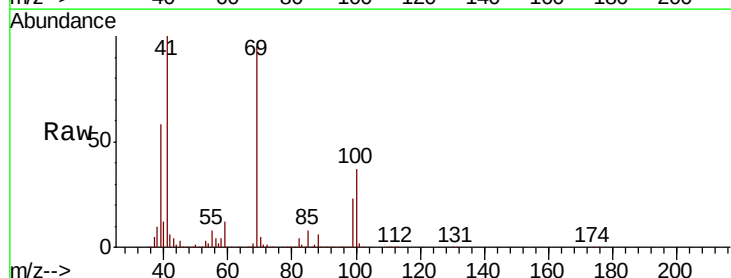
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

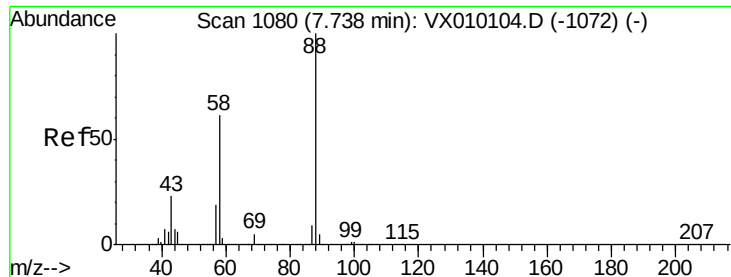
Tot Ion: 83 Resp: 224636
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.2
127 9.5 6.4 9.6



#48
Methyl methacrylate
Concen: 51.491 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 41 Resp: 173367
Ion Ratio Lower Upper
41 100
69 94.5 56.4 84.6#
39 57.2 40.6 60.8

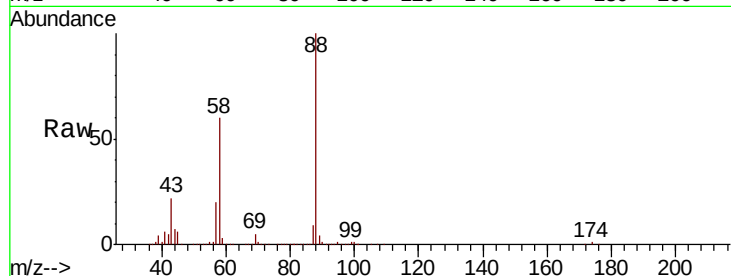




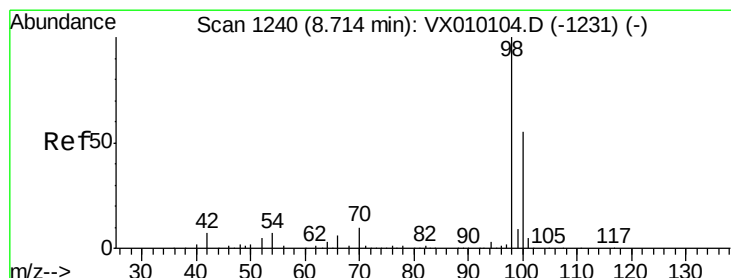
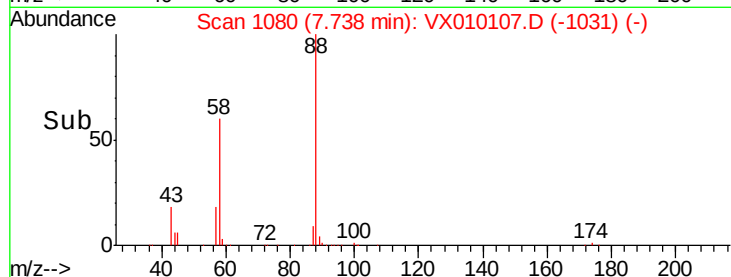
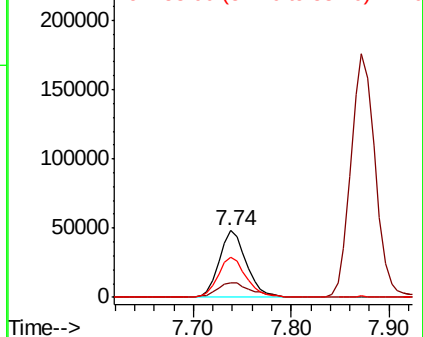
#49
1,4-Dioxane
Concen: 967.117 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion: 88 Resp: 92838
Ion Ratio Lower Upper
88 100
43 26.8 30.2 45.4#
58 62.3 64.0 96.0#

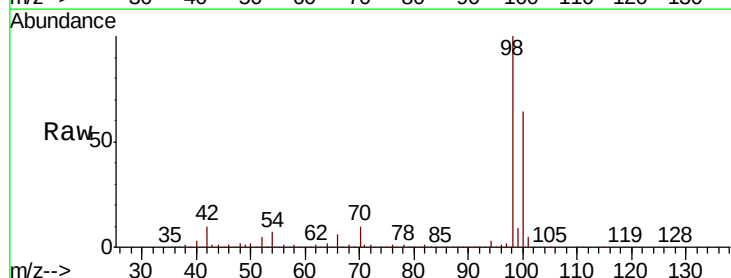


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

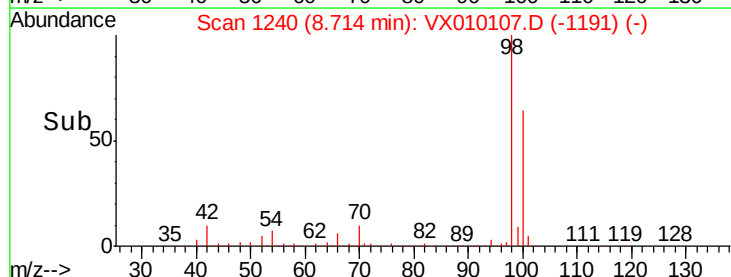
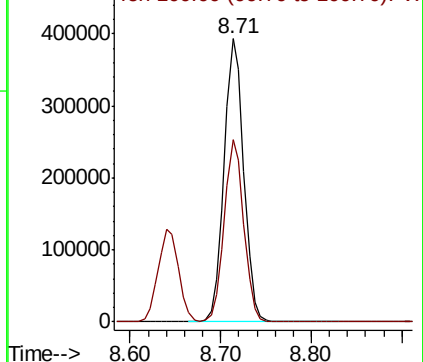


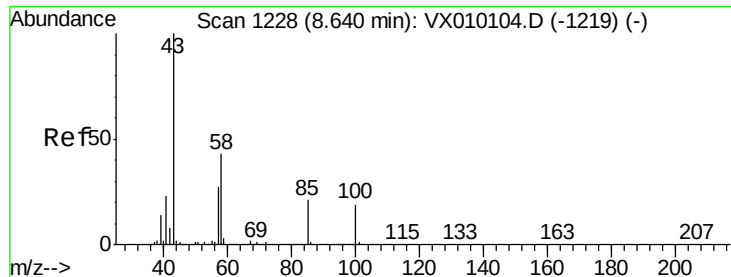
#50
Toluene-d8
Concen: 50.420 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 98 Resp: 591234
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3



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





#51

4-Methyl-2-Pentanone

Concen: 254.959 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

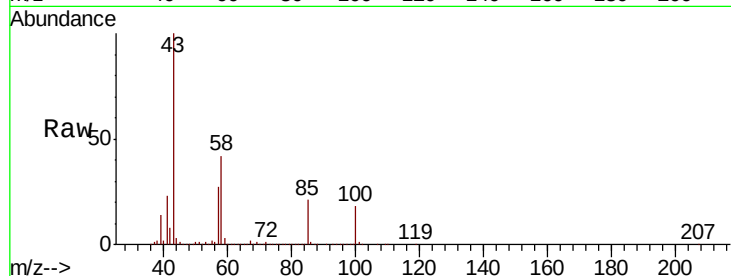
ICVVX060719

Tot Ion: 43 Resp: 1096546

Ion Ratio Lower Upper

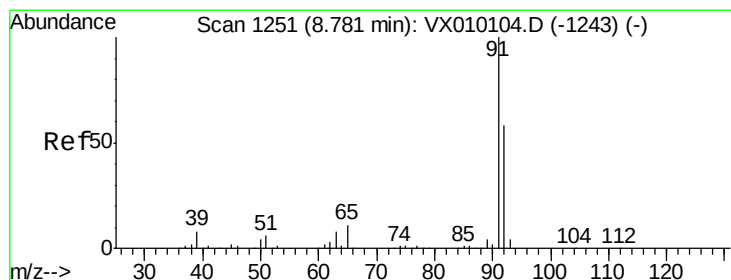
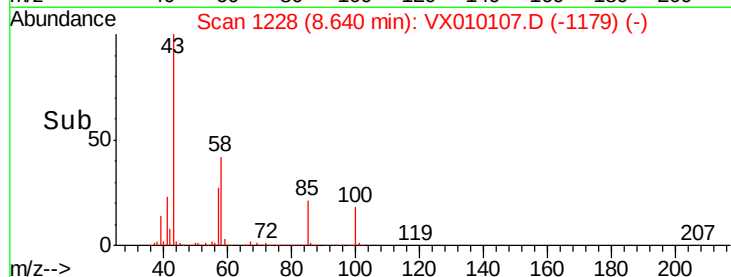
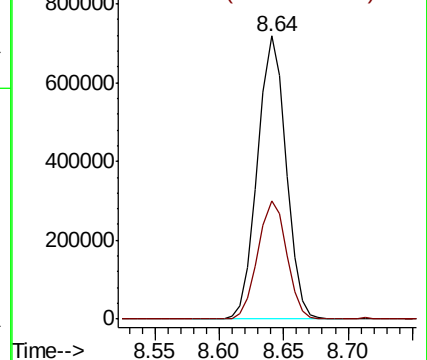
43 100

58 42.4 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.897 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX010107.D

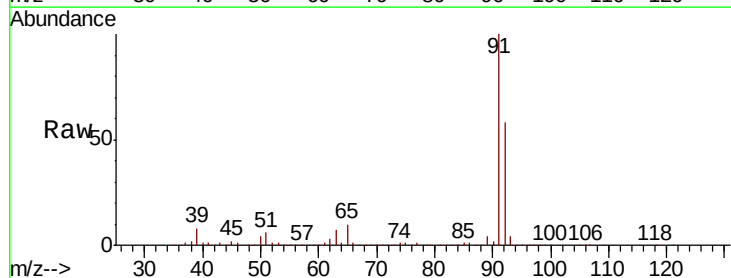
Acq: 07 Jun 2019 13:51

Tgt Ion: 92 Resp: 419722

Ion Ratio Lower Upper

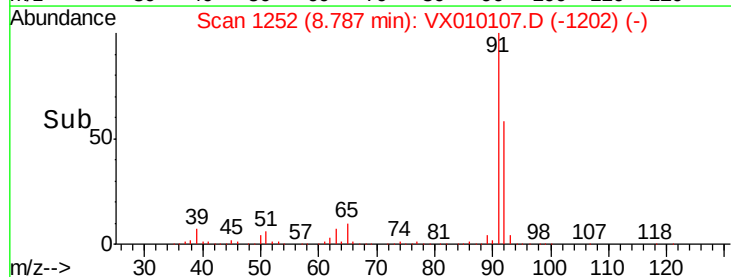
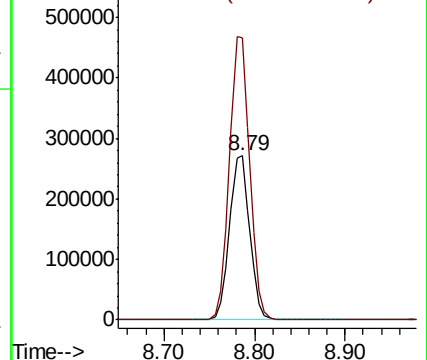
92 100

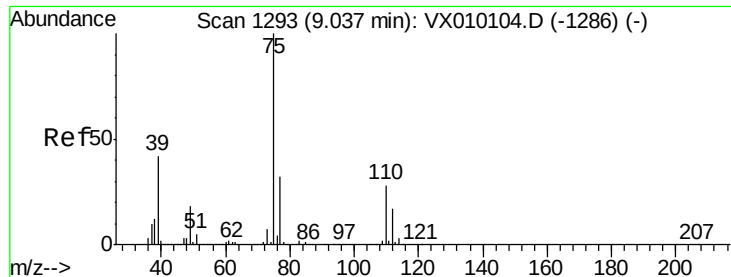
91 173.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 50.758 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

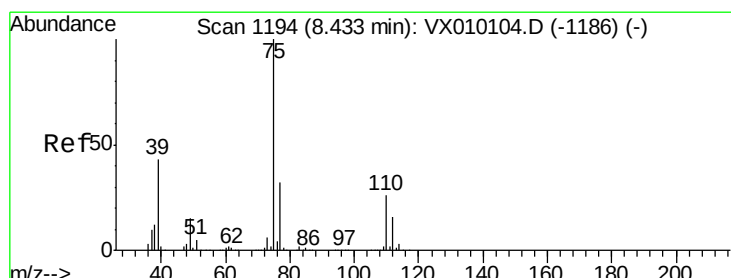
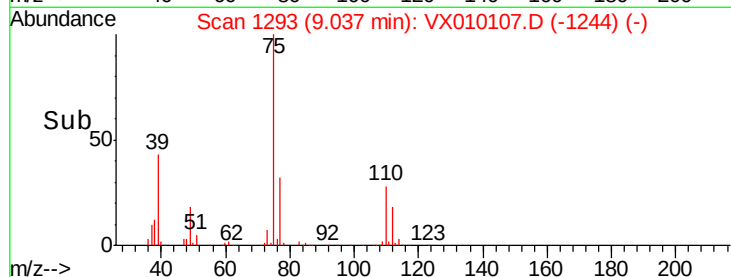
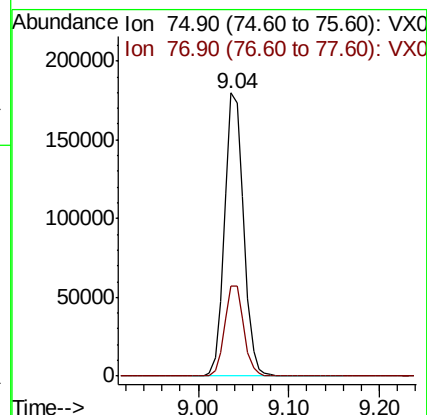
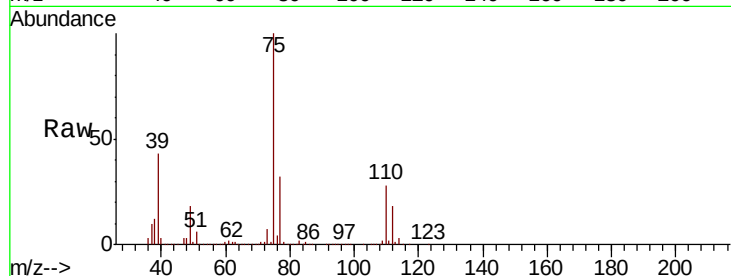
ICVVX060719

Tot Ion: 75 Resp: 263243

Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8



#54

cis-1,3-Dichloropropene

Concen: 49.930 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

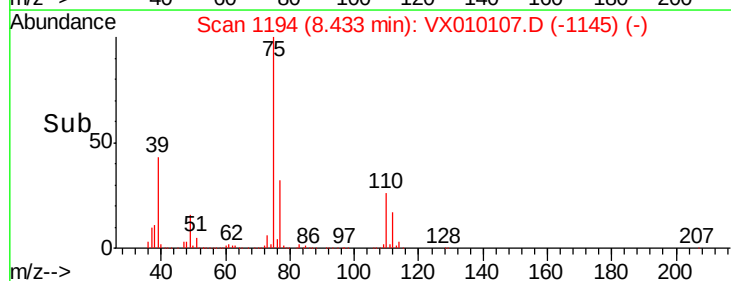
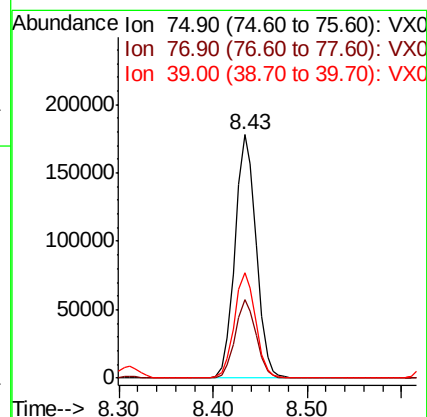
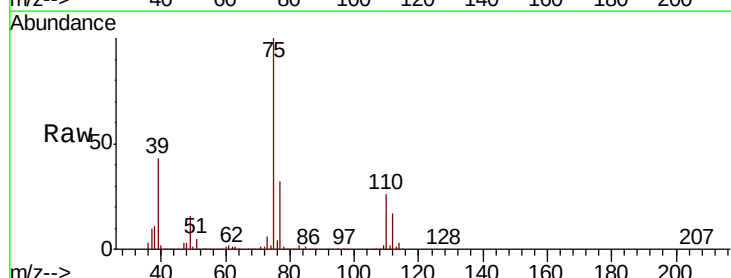
Tgt Ion: 75 Resp: 277604

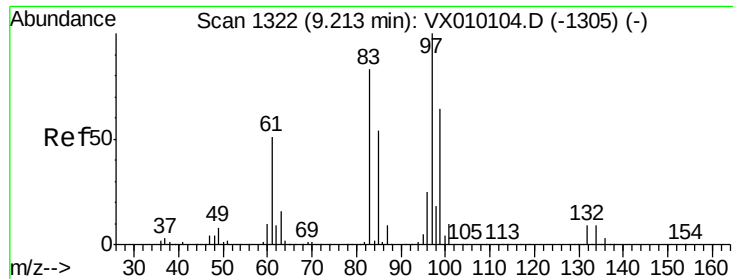
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 43.1 43.4 65.0#

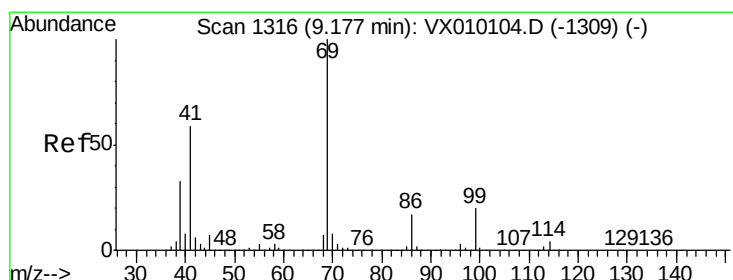
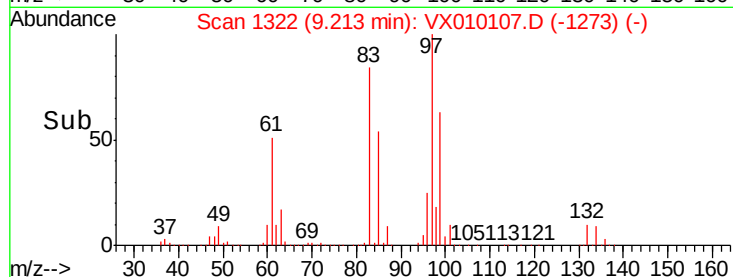
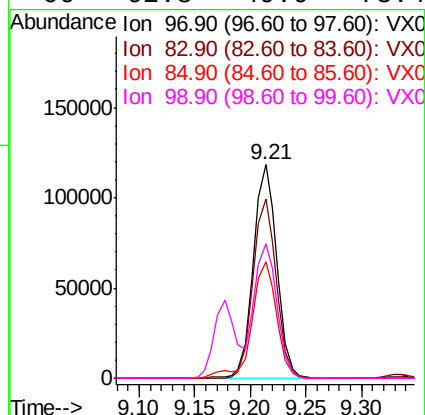
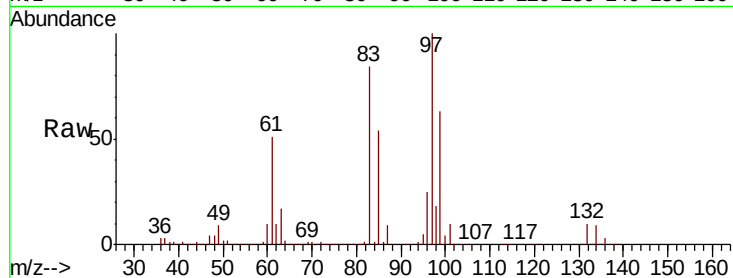




#55
1,1,2-Trichloroethane
Concen: 50.350 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

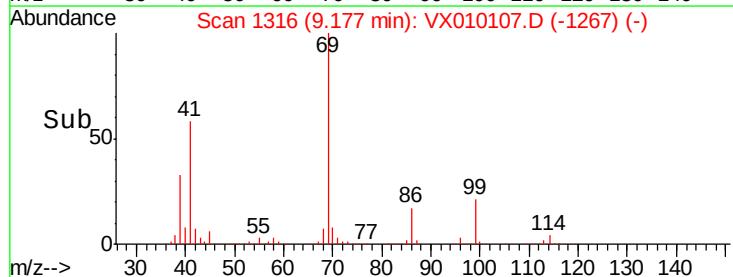
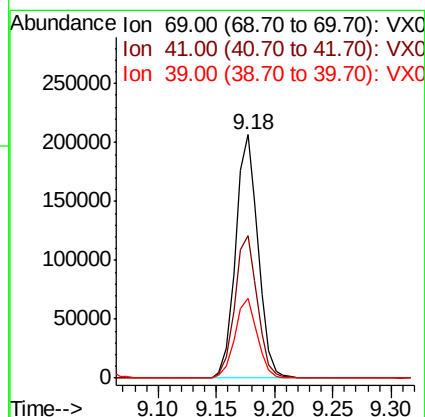
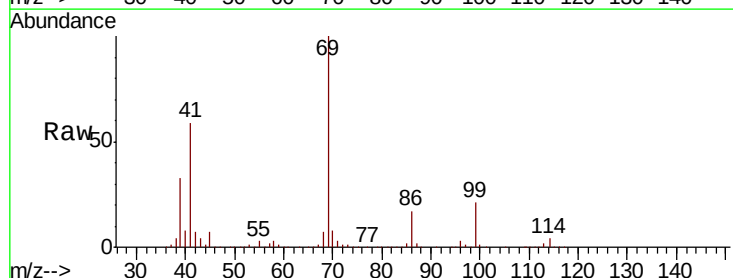
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

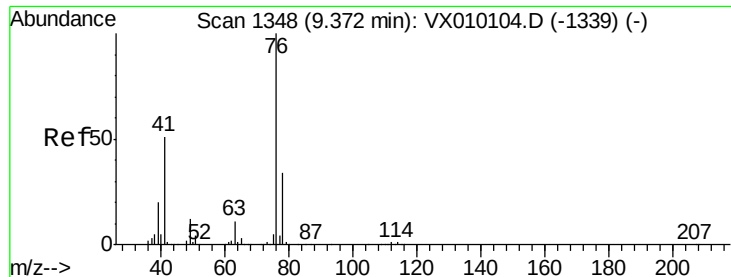
Tot Ion:	97	Resp:	173453
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.8	104.8
85	54.3	45.3	67.9
99	62.8	49.0	73.4



#56
Ethyl methacrylate
Concen: 50.816 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion:	69	Resp:	276533
Ion	Ratio	Lower	Upper
69	100		
41	59.0	62.7	94.1#
39	32.5	29.5	44.3

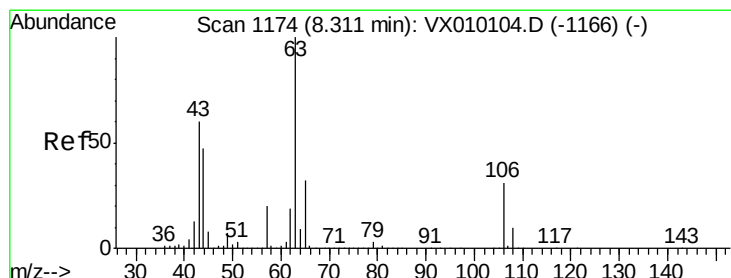
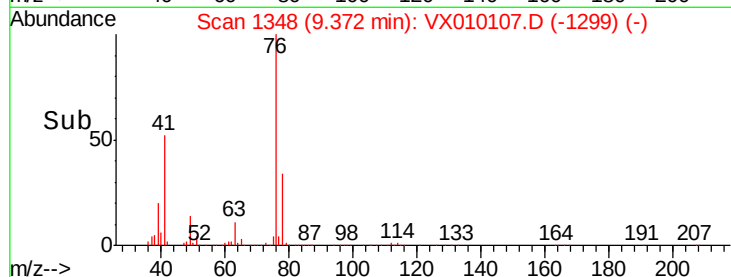
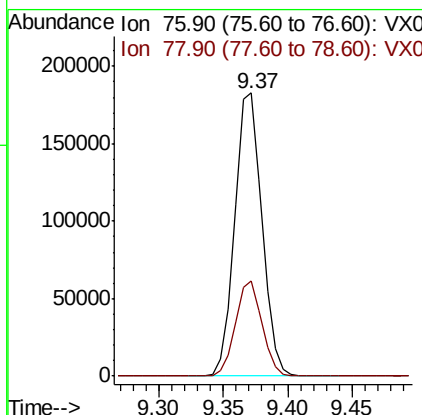
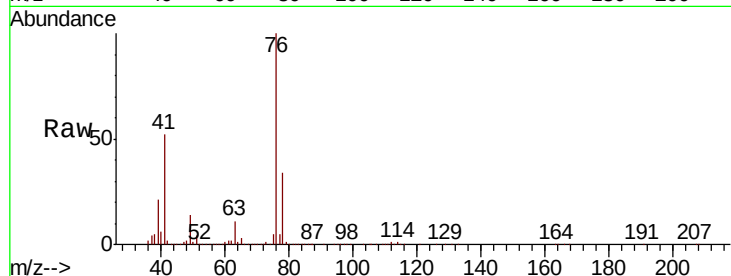




#57
 1,3-Dichloropropane
 Concen: 49.530 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

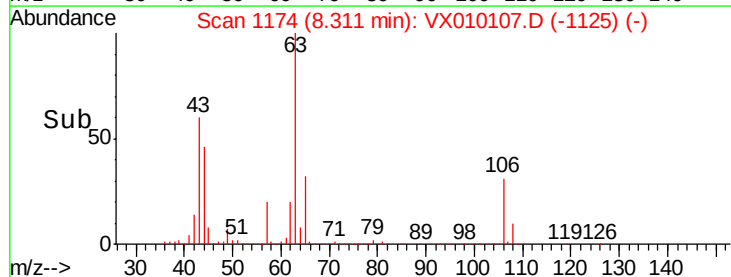
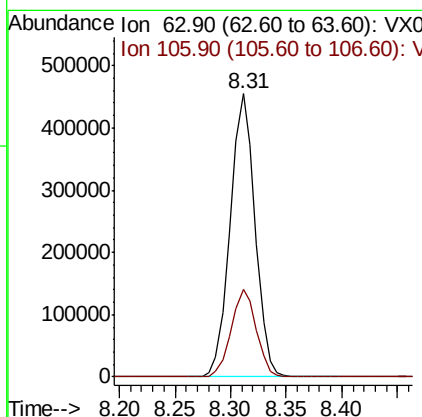
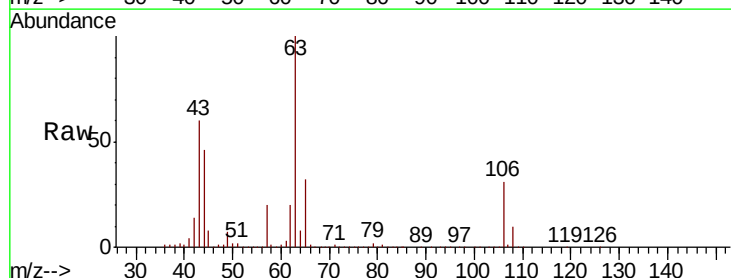
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

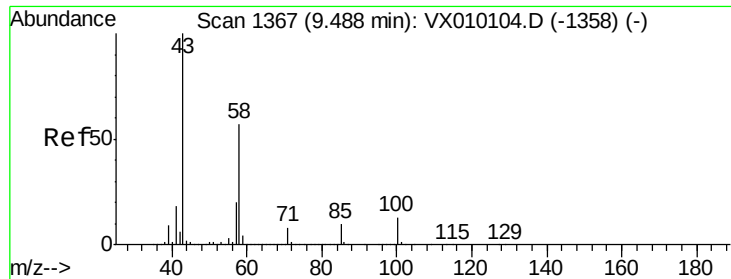
Tot Ion: 76 Resp: 268632
 Ion Ratio Lower Upper
 76 100
 78 33.0 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.802 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion: 63 Resp: 702419
 Ion Ratio Lower Upper
 63 100
 106 31.1 19.4 29.2#

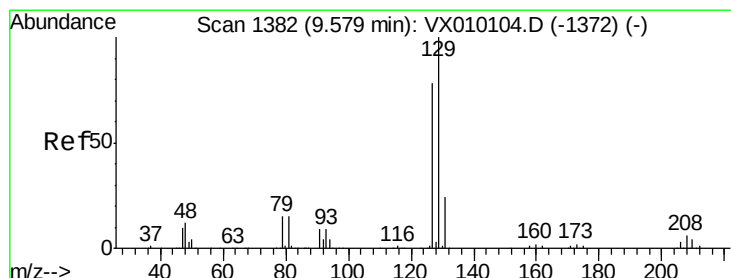
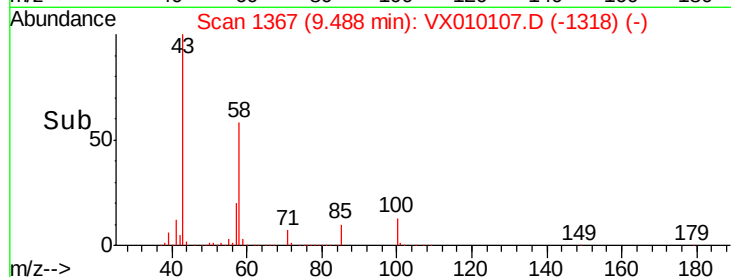
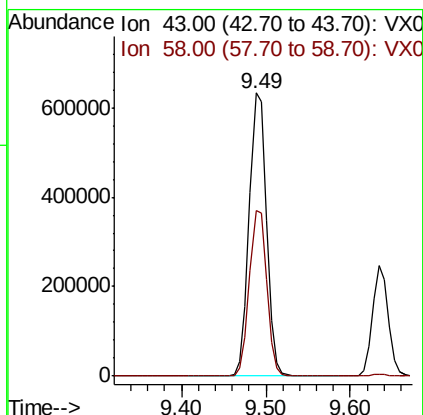
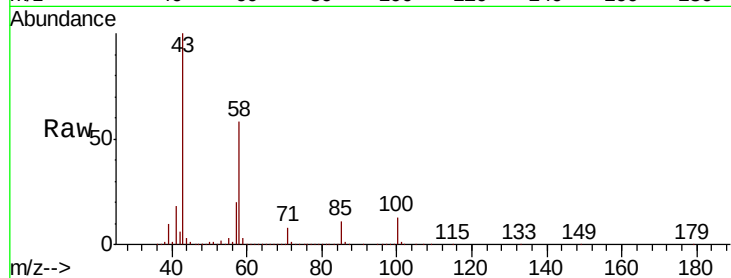




#59
2-Hexanone
Concen: 252.903 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

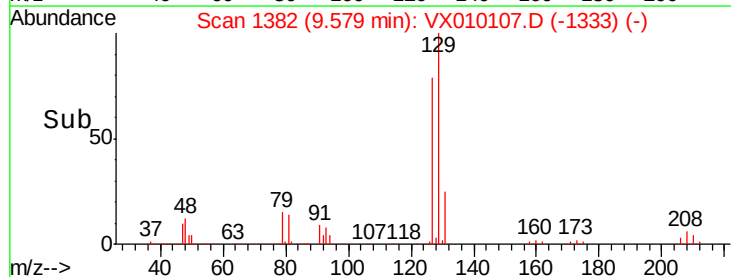
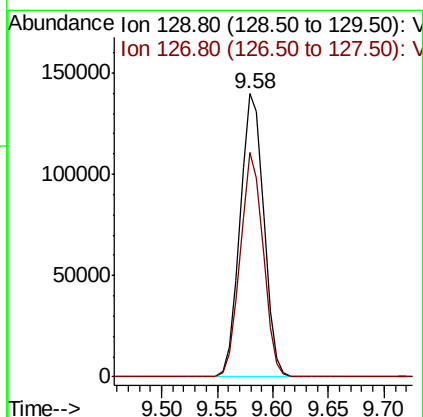
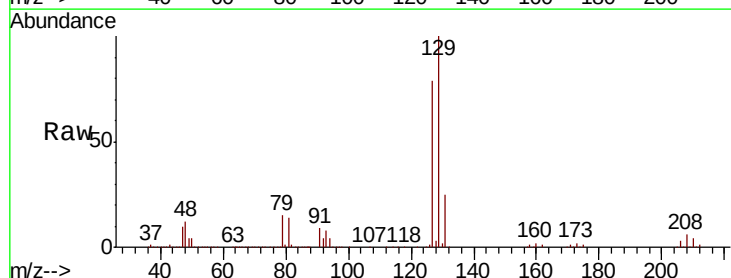
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

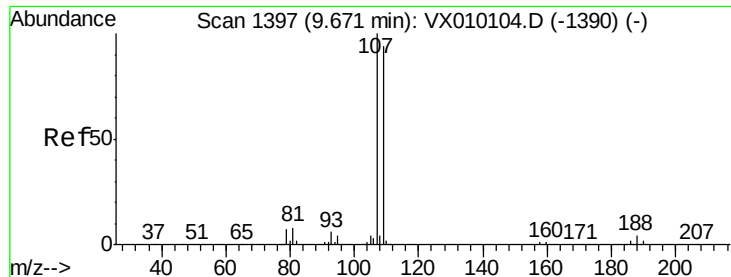
Tot Ion: 43 Resp: 867238
Ion Ratio Lower Upper
43 100
58 59.1 25.1 75.3



#60
Dibromochloromethane
Concen: 50.562 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 129 Resp: 206031
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.709 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

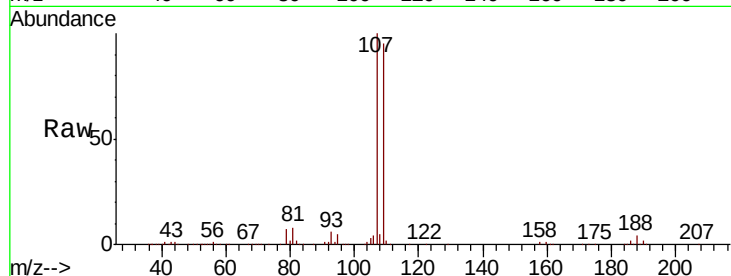
ICVVX060719

Tot Ion:107 Resp: 190724

Ion Ratio Lower Upper

107 100

109 95.1 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

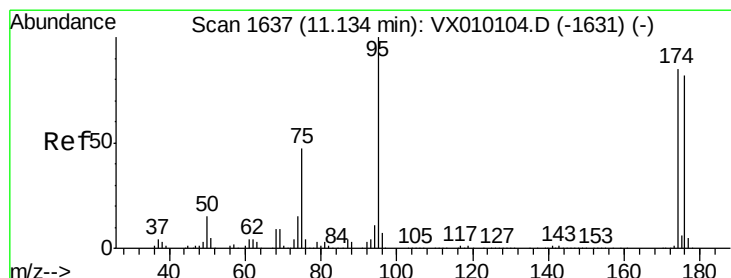
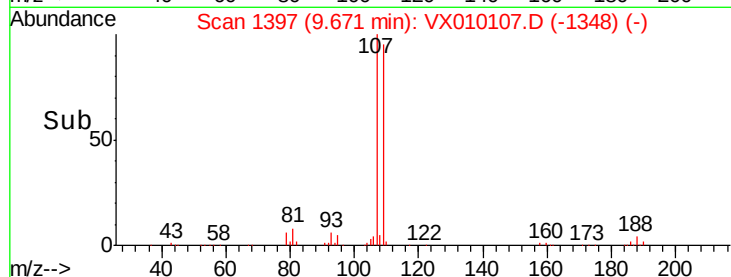
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.828 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

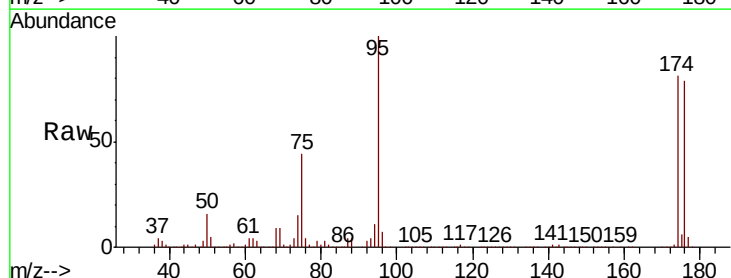
Tgt Ion: 95 Resp: 222590

Ion Ratio Lower Upper

95 100

174 87.4 0.0 160.4

176 84.9 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

250000

200000

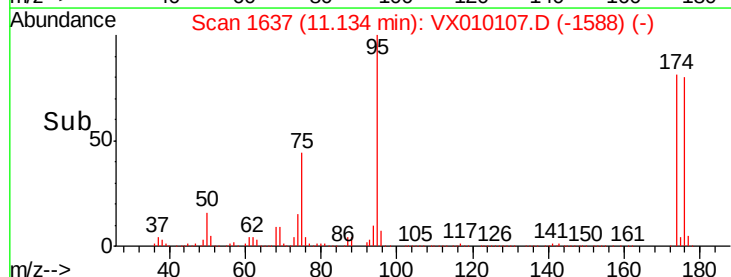
150000

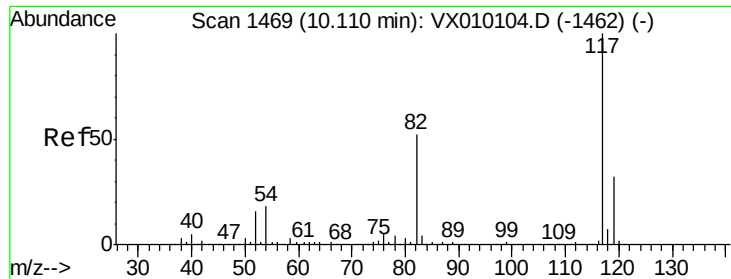
100000

50000

0

Time-->

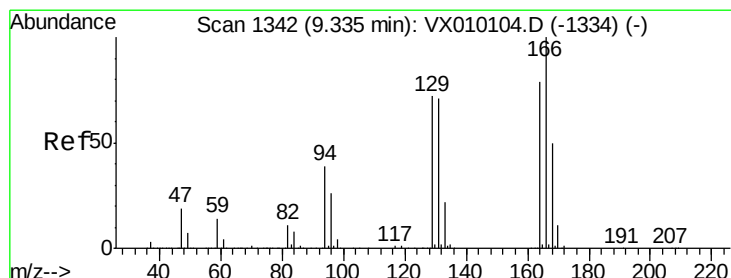
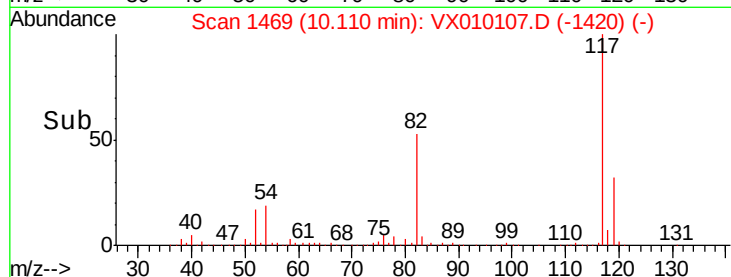
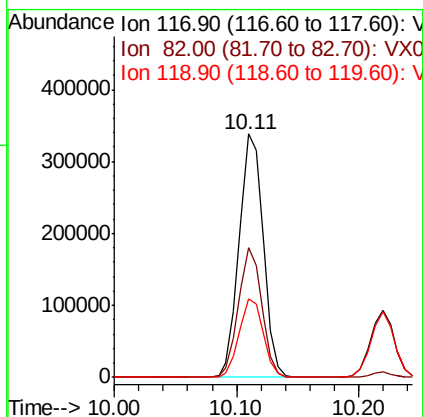
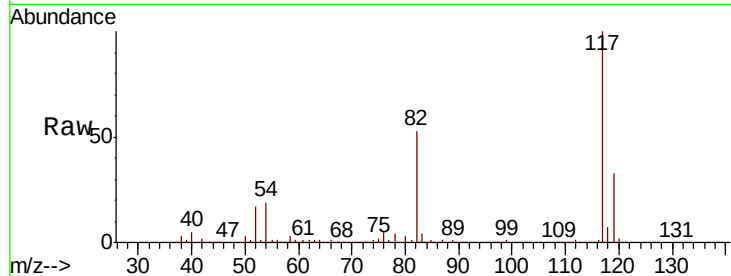




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

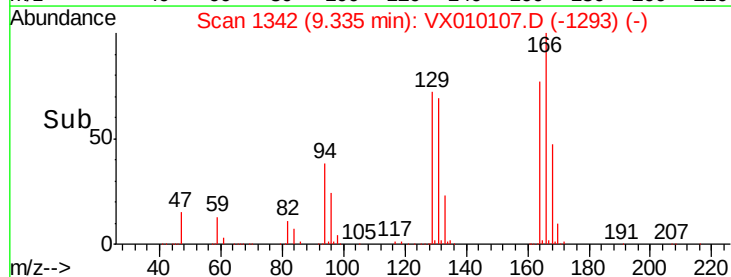
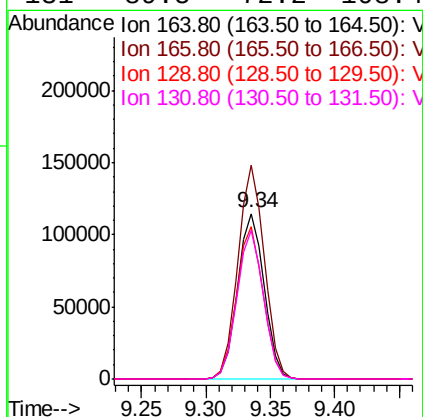
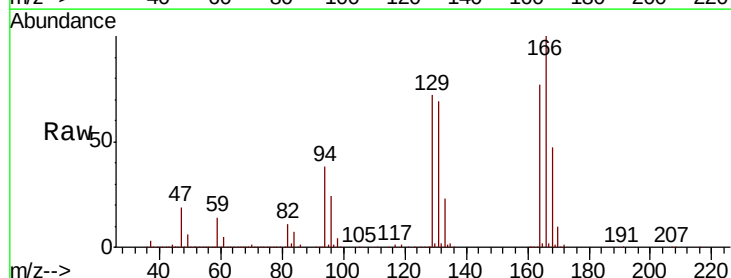
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

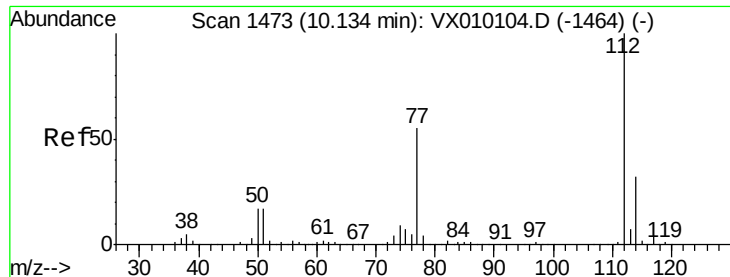
Tot Ion:117 Resp: 460200
Ion Ratio Lower Upper
117 100
82 53.3 49.2 73.8
119 32.5 25.2 37.8



#64
Tetrachloroethene
Concen: 48.149 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion:164 Resp: 164572
Ion Ratio Lower Upper
164 100
166 129.0 105.0 157.4
129 92.3 75.1 112.7
131 89.5 72.2 108.4

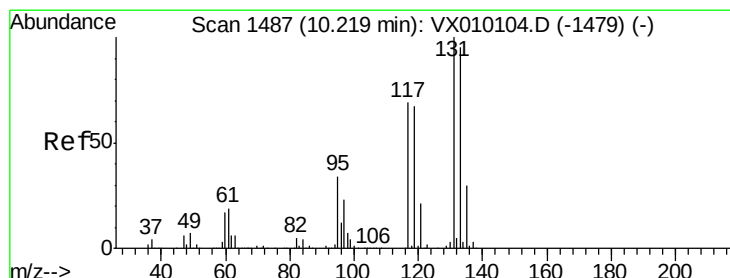
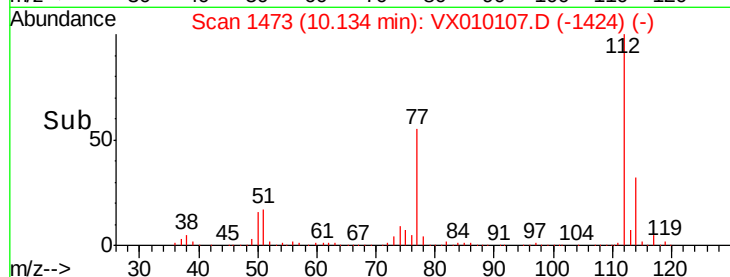
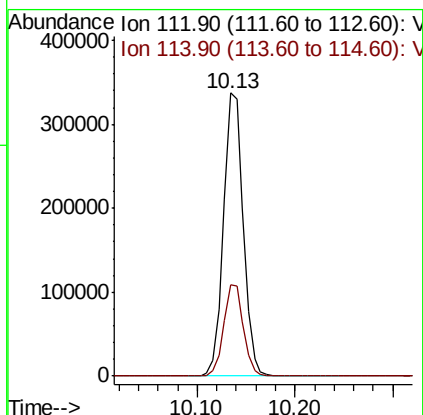
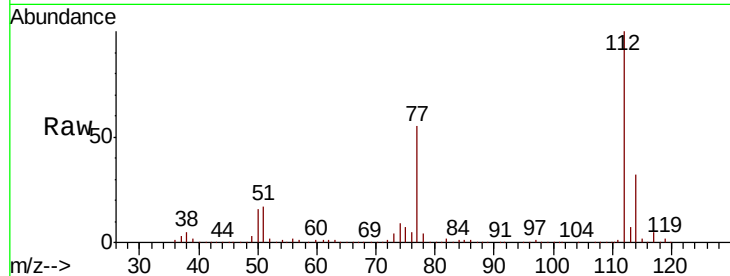




#65
Chlorobenzene
Concen: 49.659 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

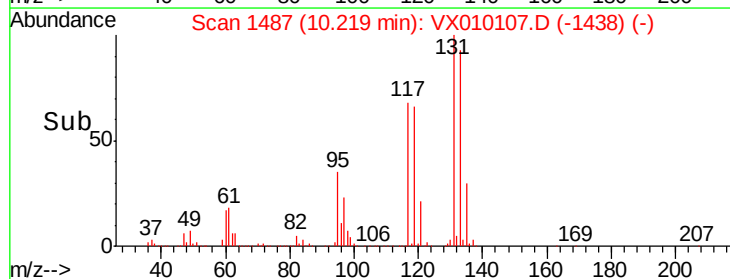
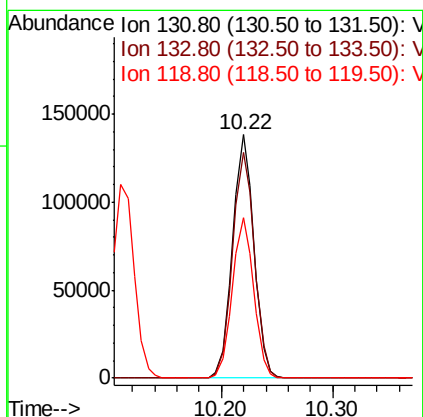
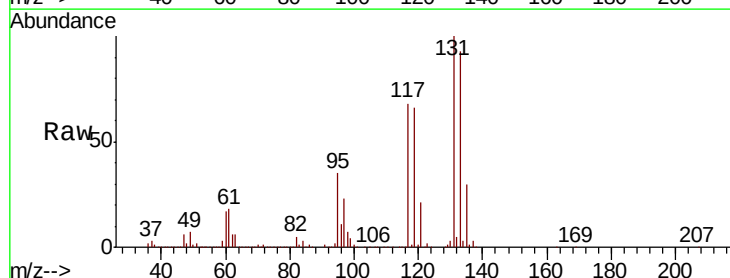
Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

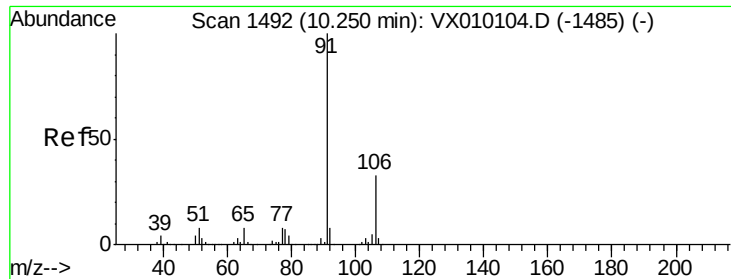
Tot Ion:112 Resp: 471673
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.245 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion:131 Resp: 183526
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 66.2 33.4 100.1





#67

Ethyl Benzene

Concen: 49.825 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

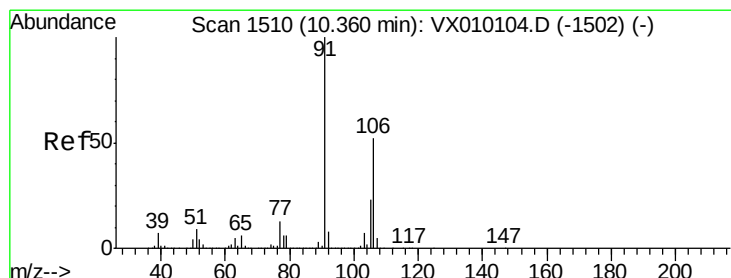
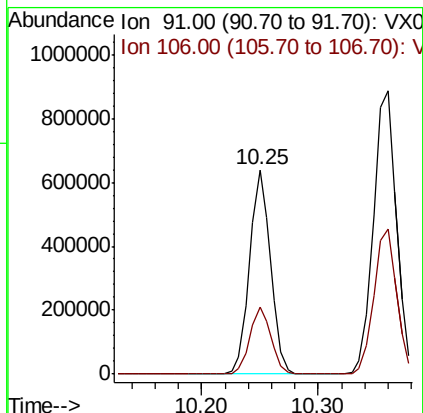
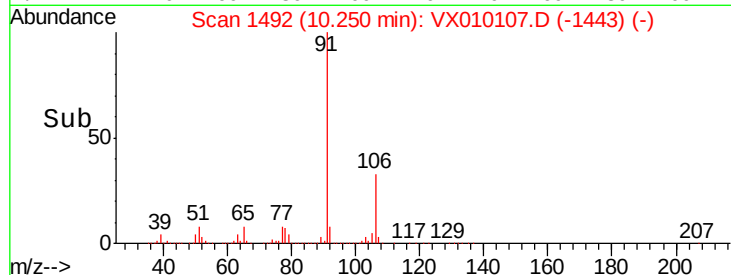
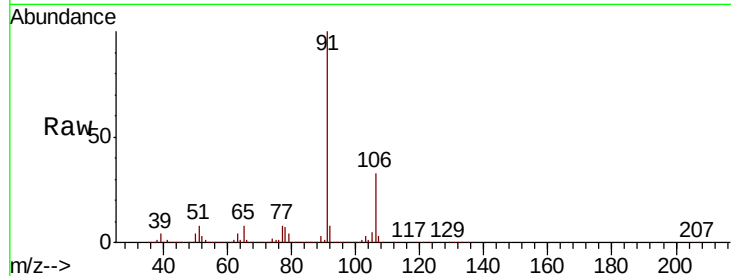
ICVVX060719

Tot Ion: 91 Resp: 805638

Ion Ratio Lower Upper

91 100

106 32.7 23.9 35.9



#68

m/p-Xylenes

Concen: 99.574 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010107.D

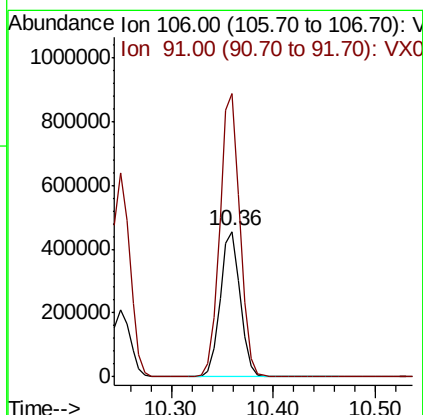
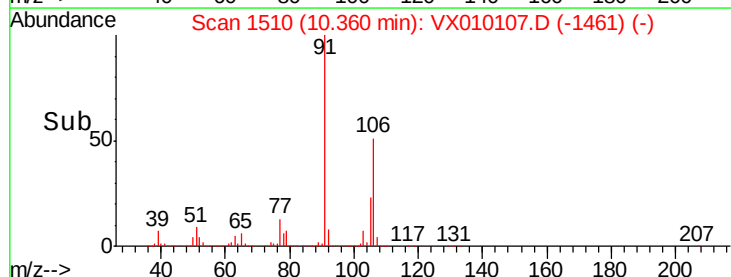
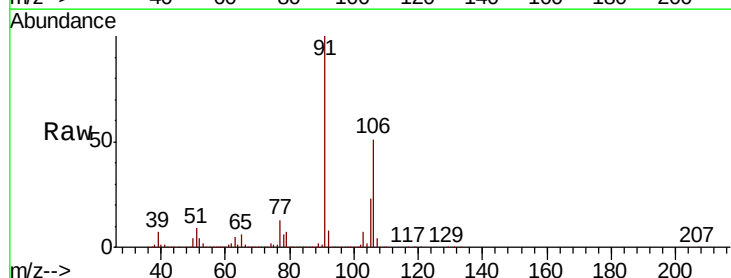
Acq: 07 Jun 2019 13:51

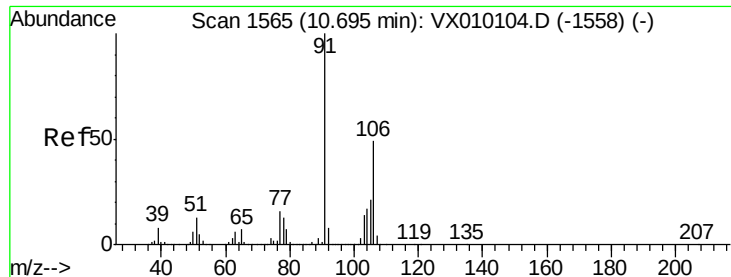
Tgt Ion: 106 Resp: 623031

Ion Ratio Lower Upper

106 100

91 195.8 167.3 250.9

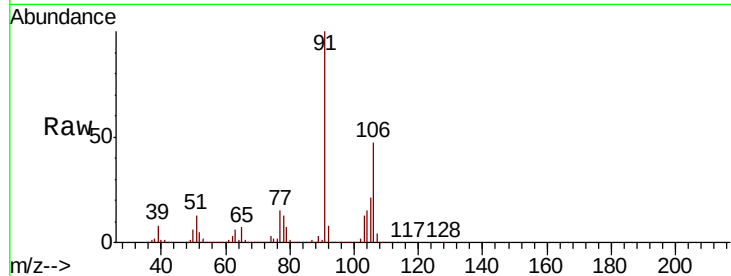




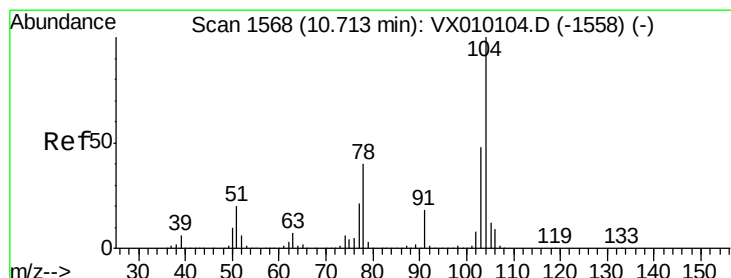
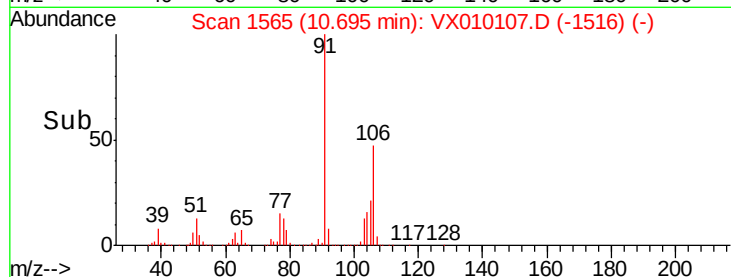
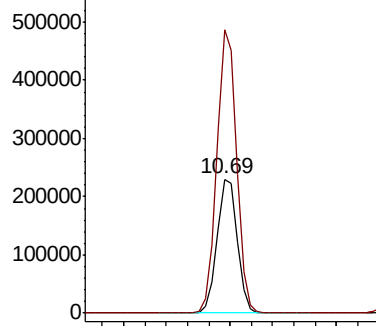
#69
o-Xylene
Concen: 49.472 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampled :
ICVVX060719

Tot Ion:106 Resp: 307707
Ion Ratio Lower Upper
106 100
91 205.9 110.4 331.2

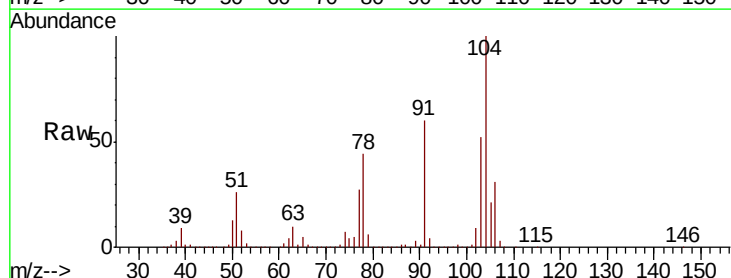


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

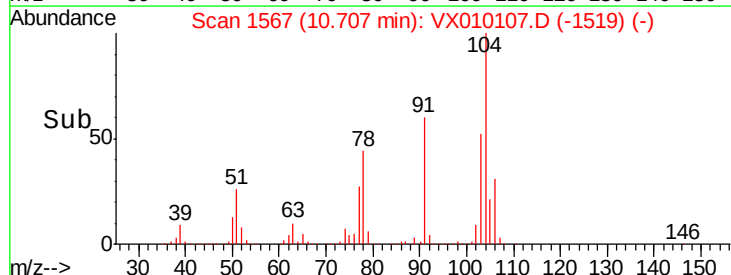
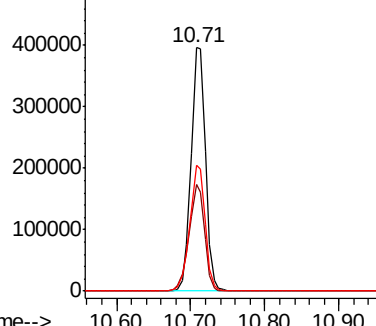


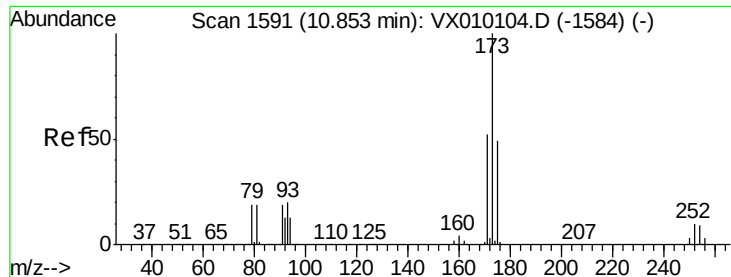
#70
Styrene
Concen: 50.180 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion:104 Resp: 528607
Ion Ratio Lower Upper
104 100
78 47.0 42.1 63.1
103 54.6 44.1 66.1



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





#71

Bromoform

Concen: 49.771 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

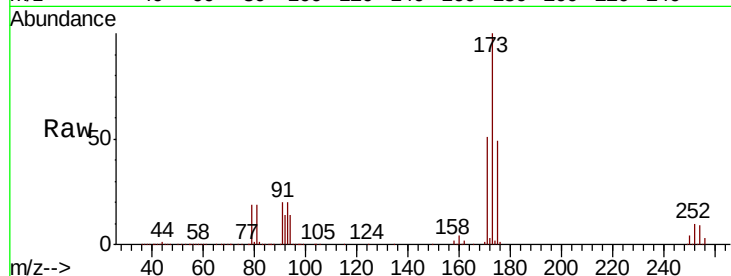
Tot Ion:173 Resp: 167127

Ion Ratio Lower Upper

173 100

175 49.0 25.0 75.0

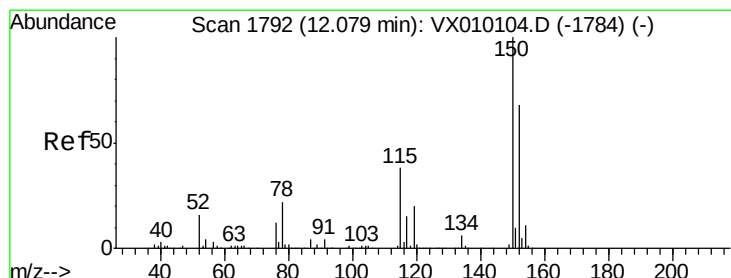
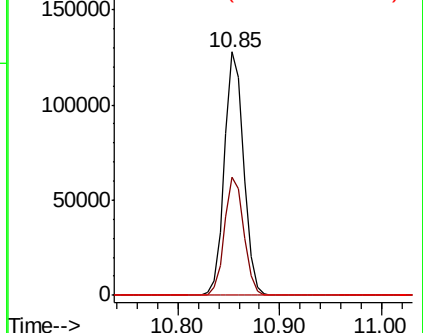
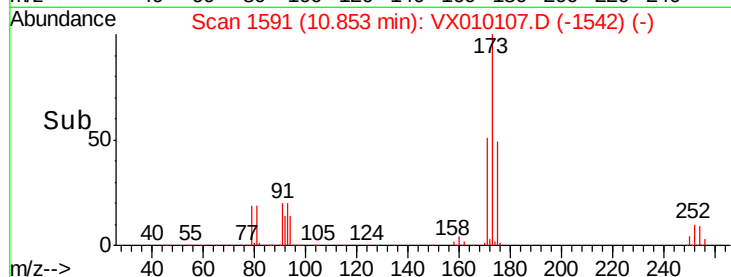
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

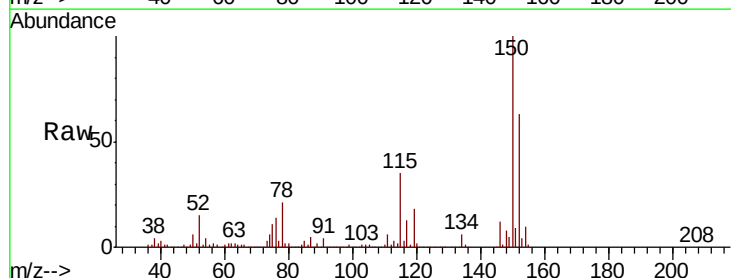
Tgt Ion:152 Resp: 227194

Ion Ratio Lower Upper

152 100

115 79.1 41.4 124.2

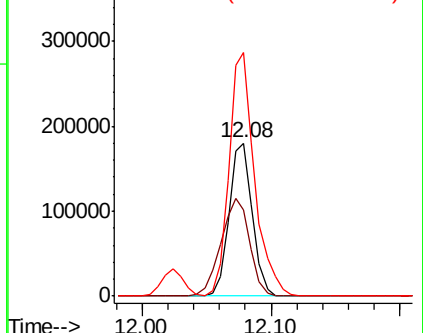
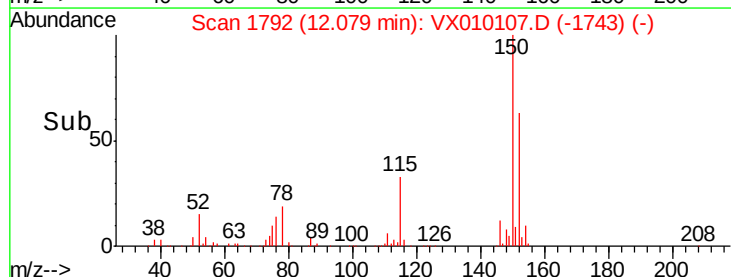
150 174.4 0.0 345.2

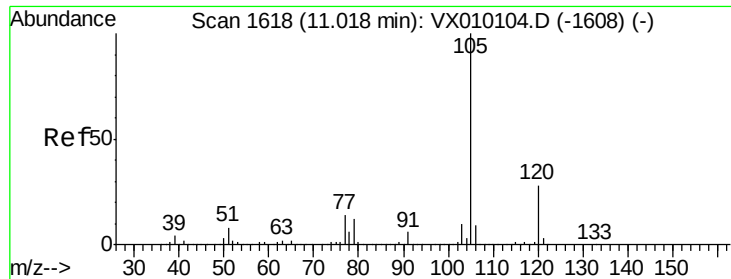


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.989 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

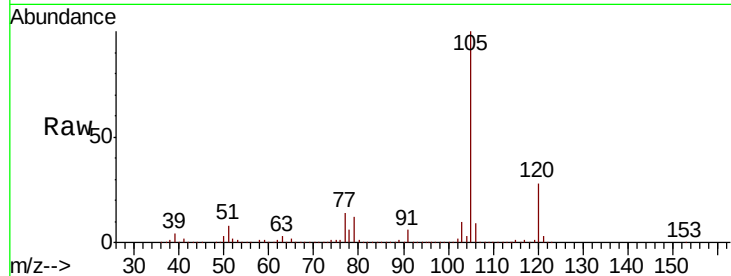
ICVVX060719

Tot Ion:105 Resp: 808665

Ion Ratio Lower Upper

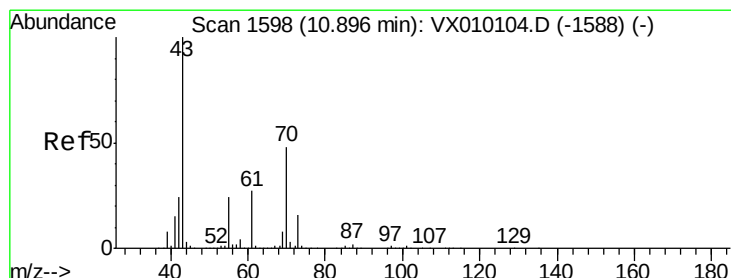
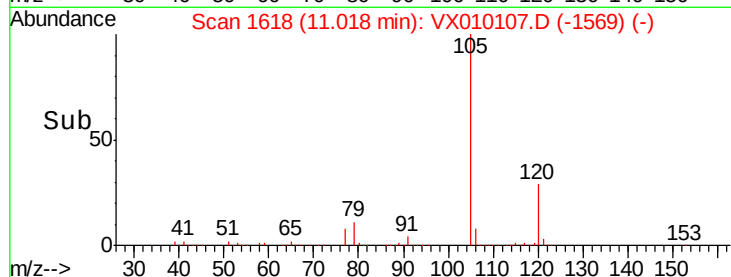
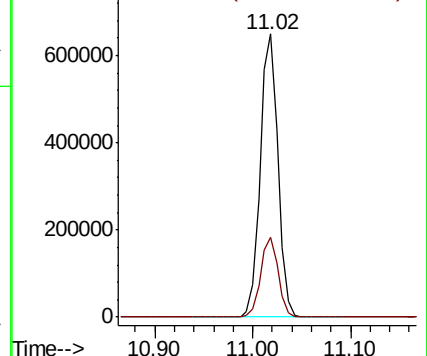
105 100

120 28.0 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.080 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Tgt Ion: 43 Resp: 313965

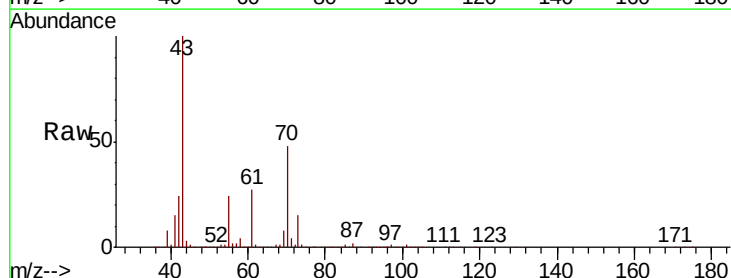
Ion Ratio Lower Upper

43 100

70 47.1 28.6 43.0#

55 24.2 17.8 26.8

61 26.8 17.7 26.5#

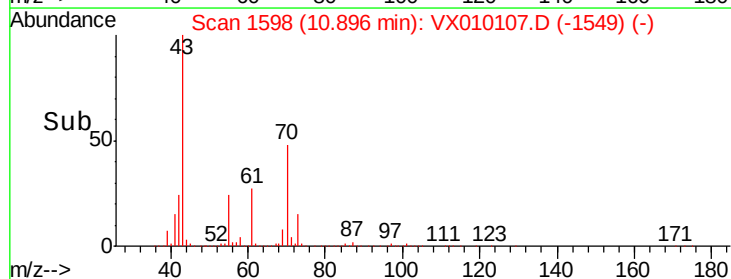
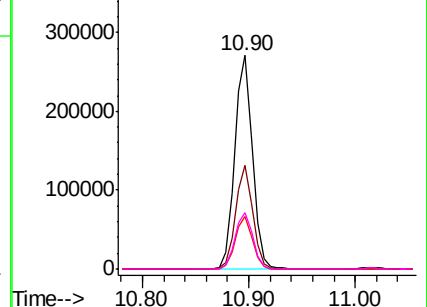


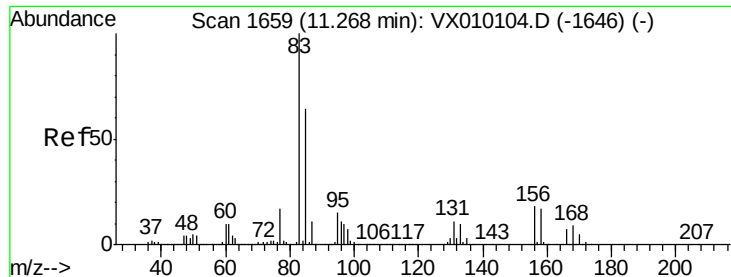
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.123 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

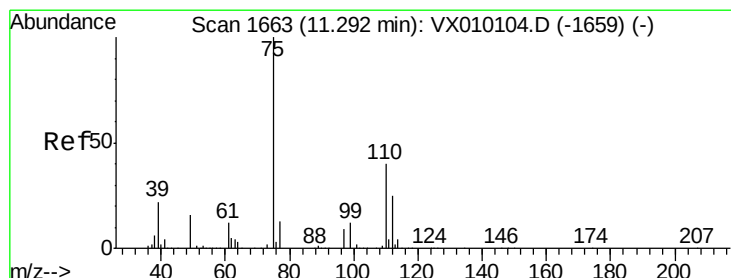
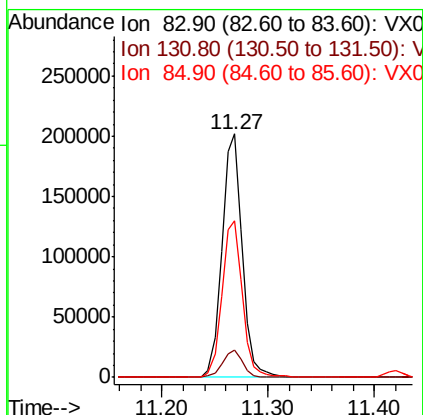
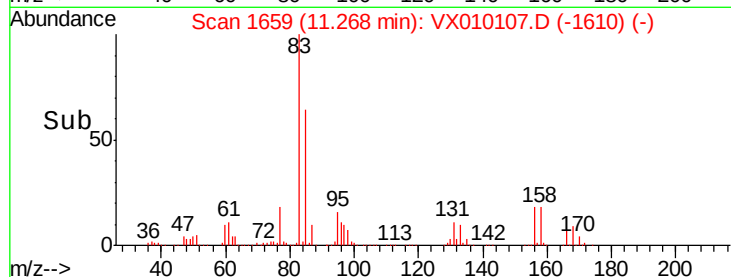
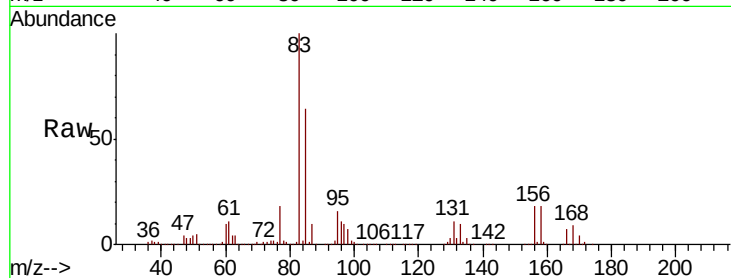
Tot Ion: 83 Resp: 266682

Ion Ratio Lower Upper

83 100

131 11.0 4.7 14.1

85 64.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 70.665 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010107.D

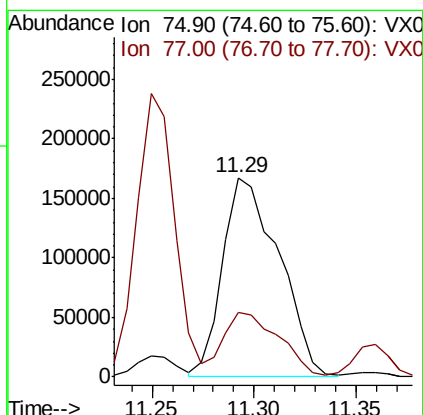
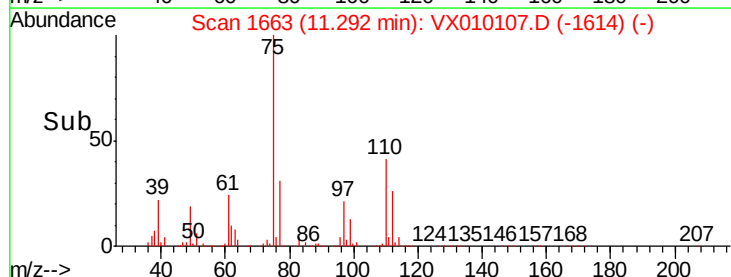
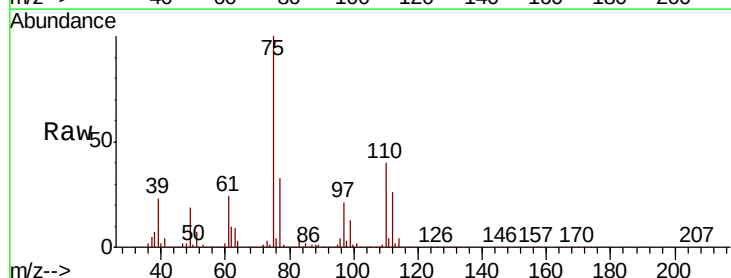
Acq: 07 Jun 2019 13:51

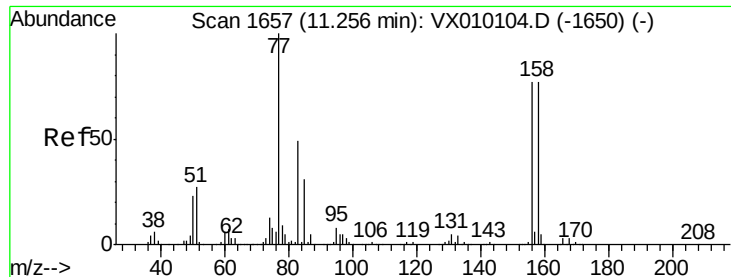
Tgt Ion: 75 Resp: 321123

Ion Ratio Lower Upper

75 100

77 32.2 22.1 66.1





#77

Bromobenzene

Concen: 49.930 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

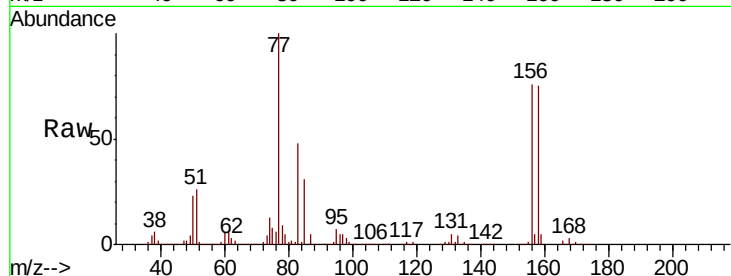
Tot Ion:156 Resp: 217763

Ion Ratio Lower Upper

156 100

77 141.2 86.8 260.3

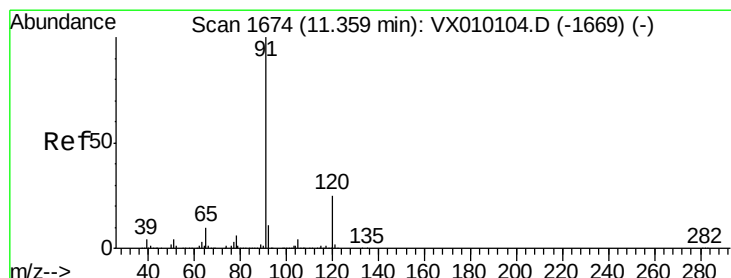
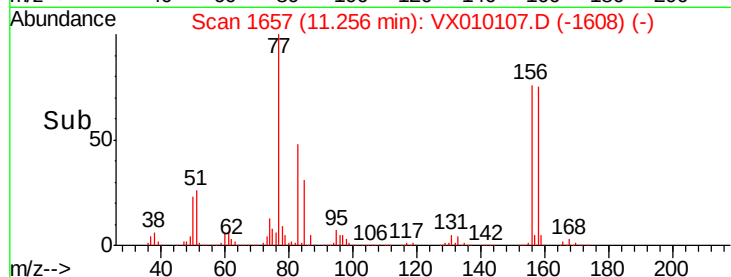
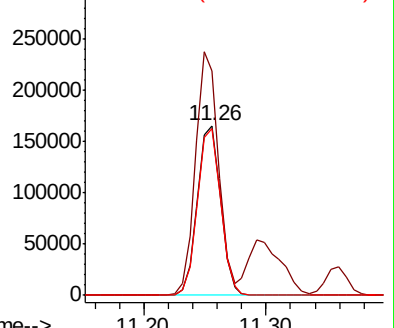
158 98.3 49.6 148.8



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: 51.242 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010107.D

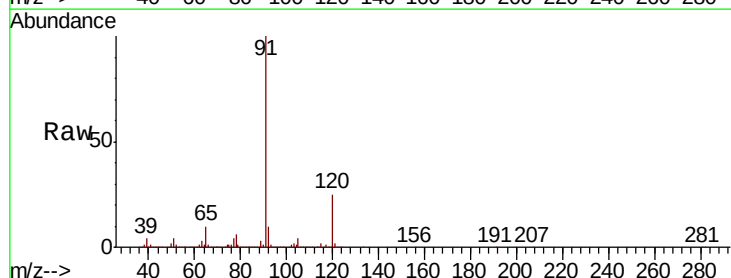
Acq: 07 Jun 2019 13:51

Tgt Ion: 91 Resp: 904750

Ion Ratio Lower Upper

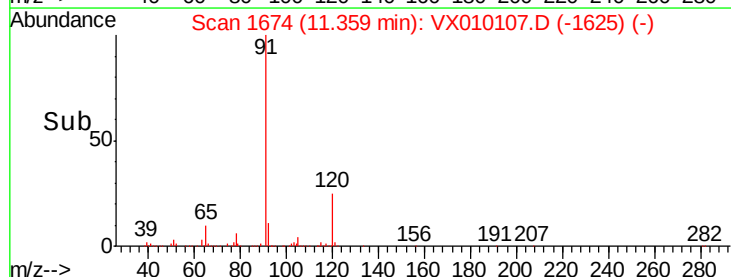
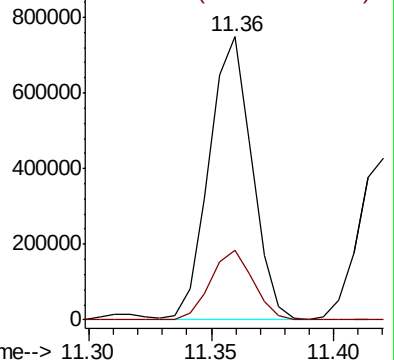
91 100

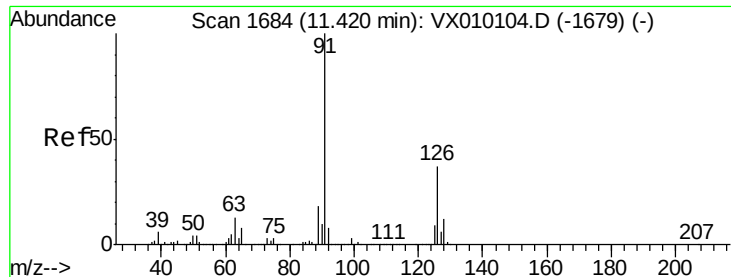
120 24.9 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.292 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

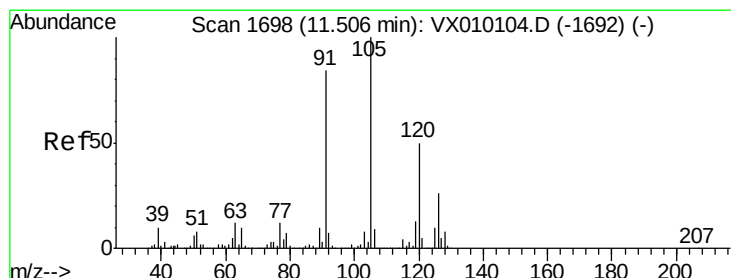
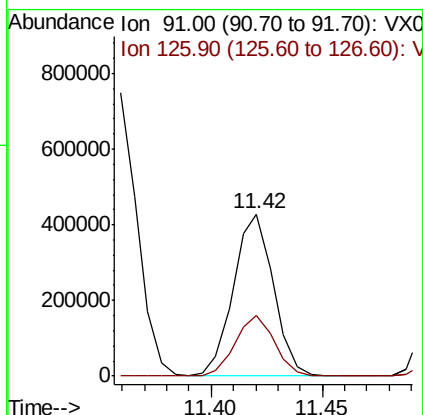
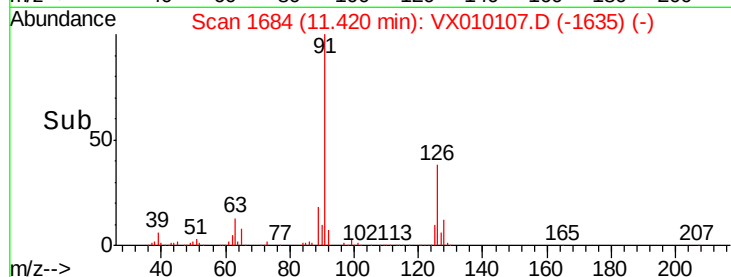
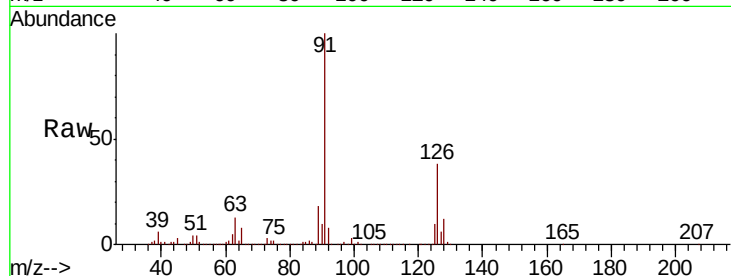
ICVVX060719

Tot Ion: 91 Resp: 533314

Ion Ratio Lower Upper

91 100

126 37.1 16.1 48.3



#80

1,3,5-Trimethylbenzene

Concen: 49.957 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010107.D

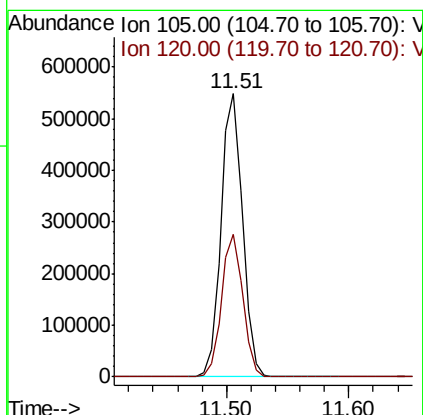
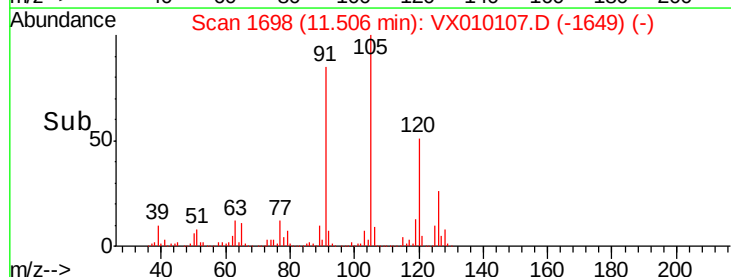
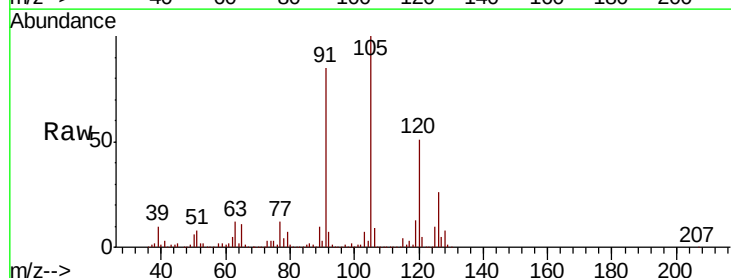
Acq: 07 Jun 2019 13:51

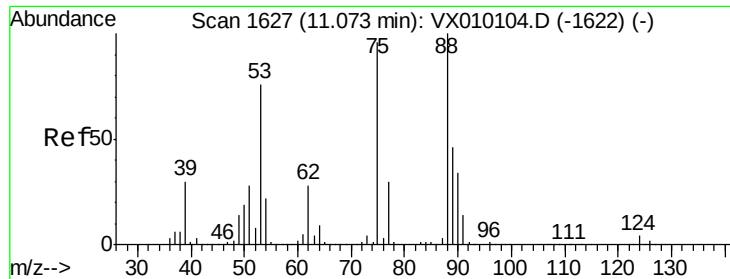
Tgt Ion: 105 Resp: 667326

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3

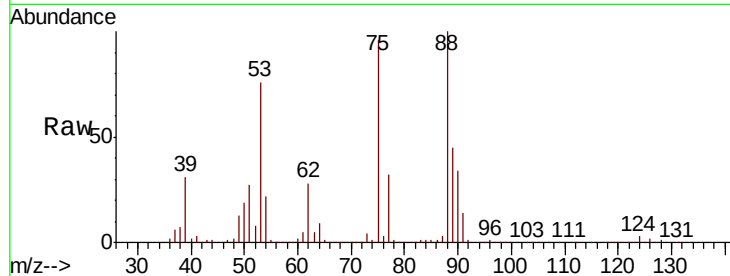




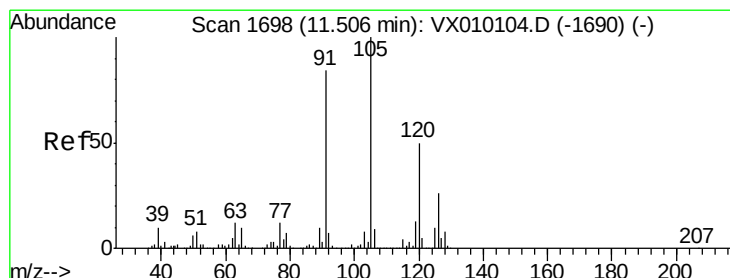
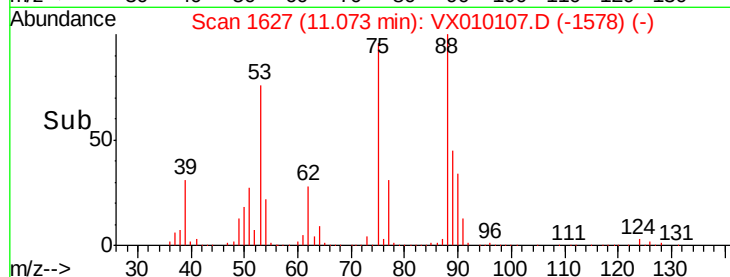
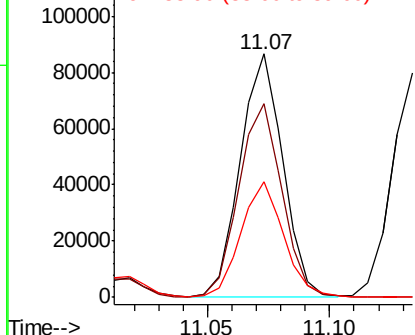
#81
trans-1,4-Dichloro-2-butene
Concen: 50.867 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Instrument :
MSVOA_X
ClientSampleId :
ICVVX060719

Tot Ion: 75 Resp: 104622
Ion Ratio Lower Upper
75 100
53 80.4 79.8 119.6
89 48.4 34.2 51.4

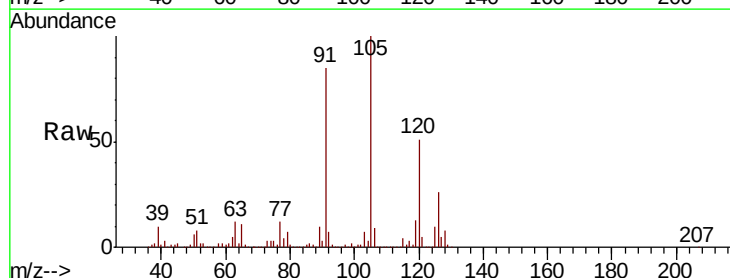


Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0

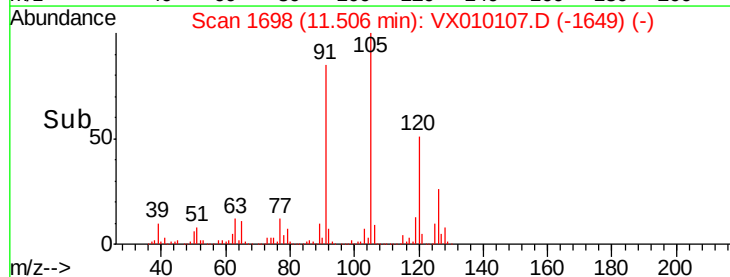
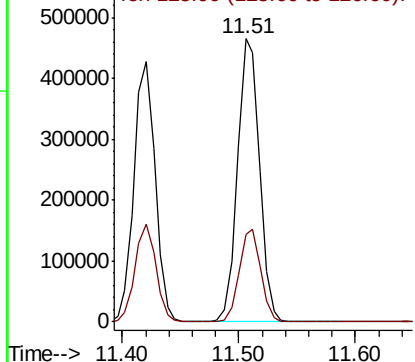


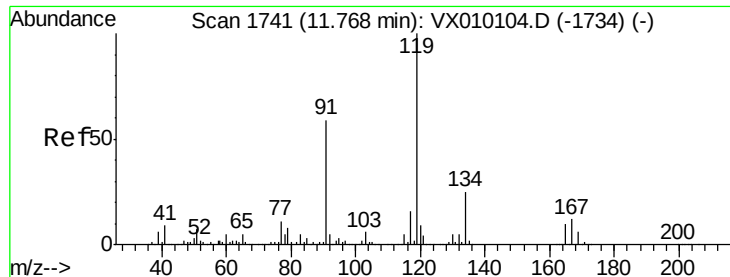
#82
4-Chlorotoluene
Concen: 50.858 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010107.D
Acq: 07 Jun 2019 13:51

Tgt Ion: 91 Resp: 612649
Ion Ratio Lower Upper
91 100
126 32.1 14.2 42.6



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

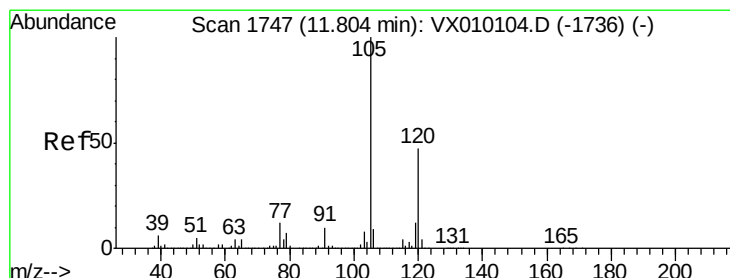
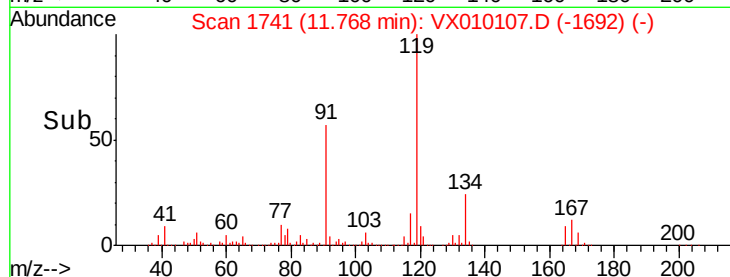
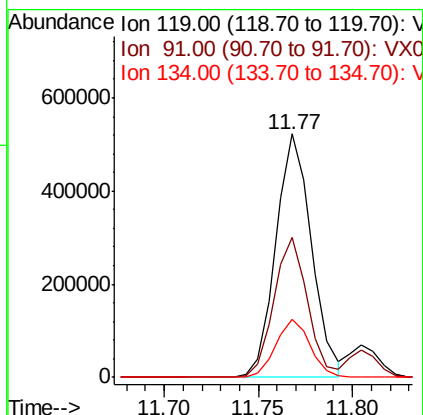
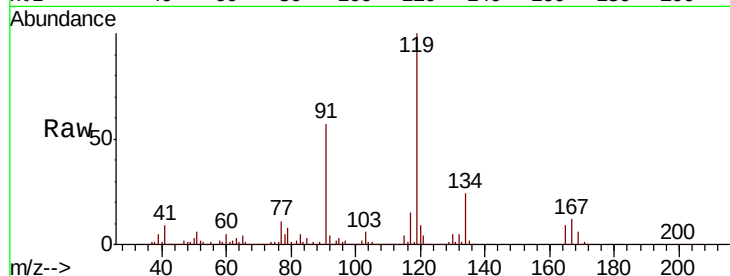




#83
 tert-Butylbenzene
 Concen: 50.671 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

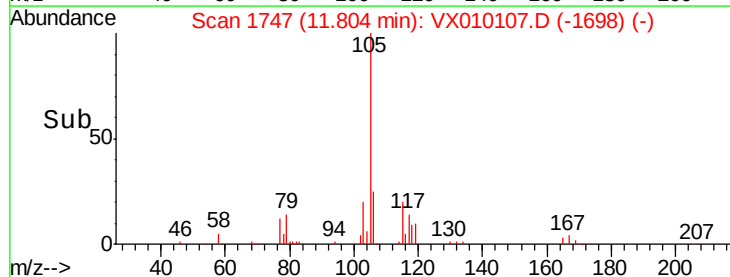
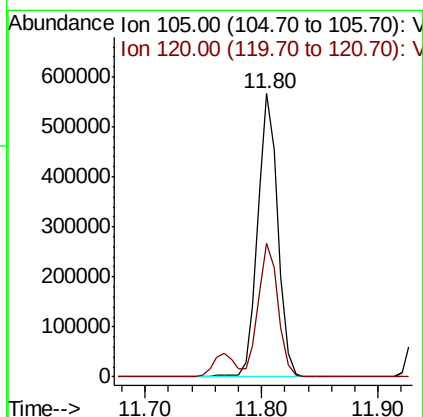
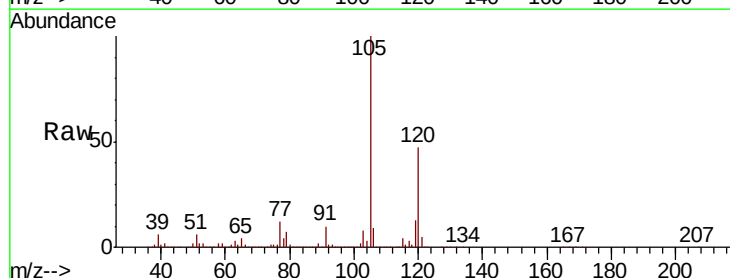
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

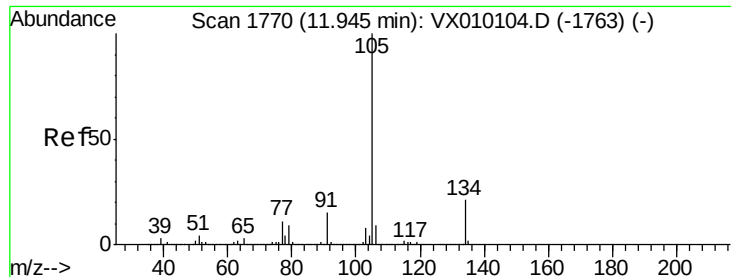
Tot Ion:119 Resp: 685079
 Ion Ratio Lower Upper
 119 100
 91 54.5 30.0 90.0
 134 22.8 11.2 33.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.179 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion:105 Resp: 677061
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.1 66.1





#85

sec-Butylbenzene

Concen: 50.156 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

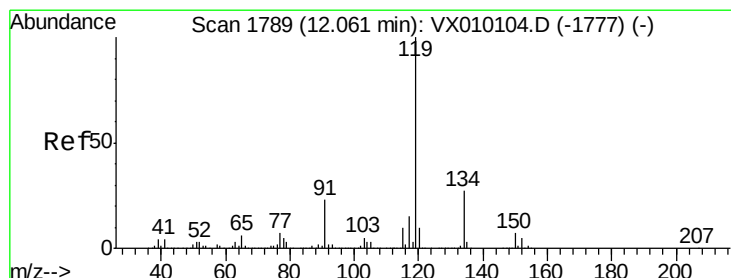
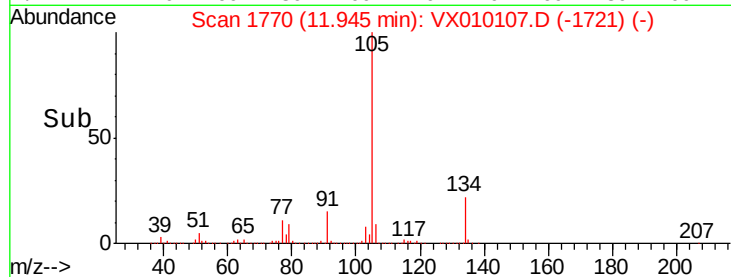
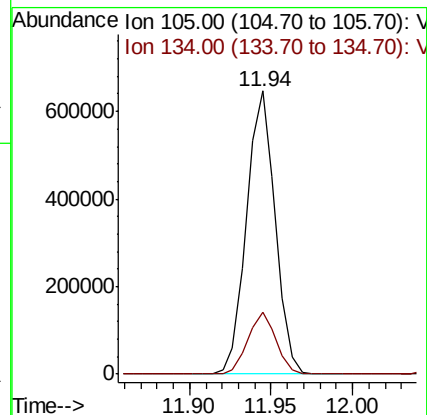
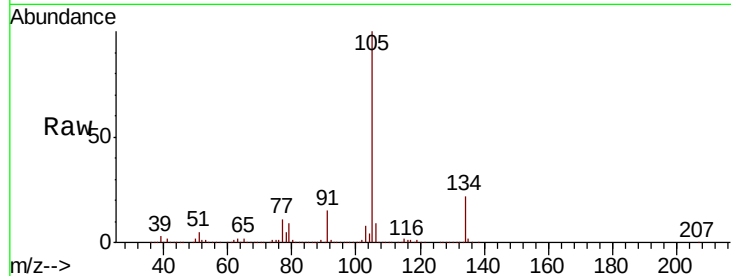
ICVVX060719

Tot Ion:105 Resp: 790029

Ion Ratio Lower Upper

105 100

134 21.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 50.149 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

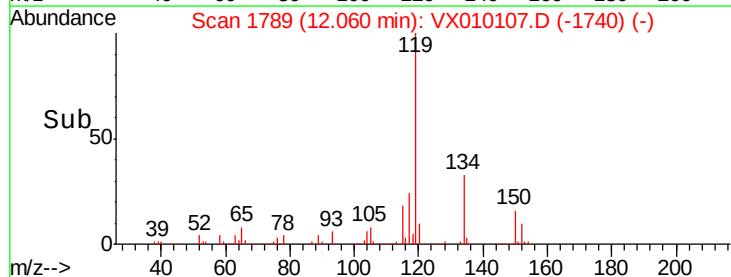
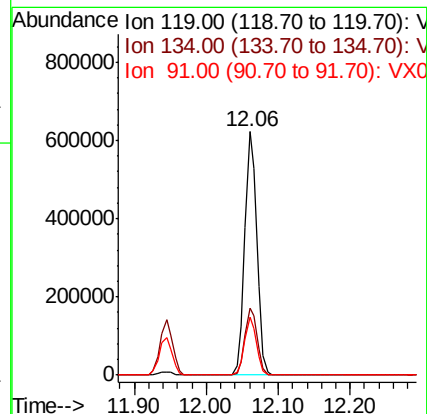
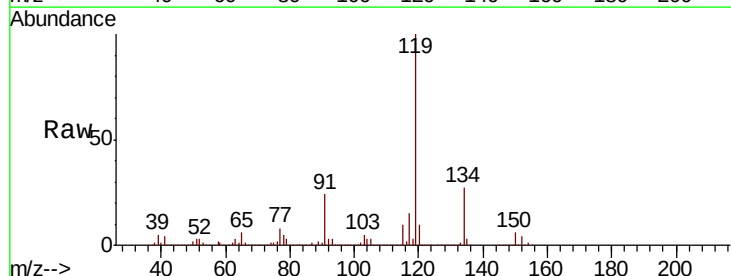
Tgt Ion:119 Resp: 722142

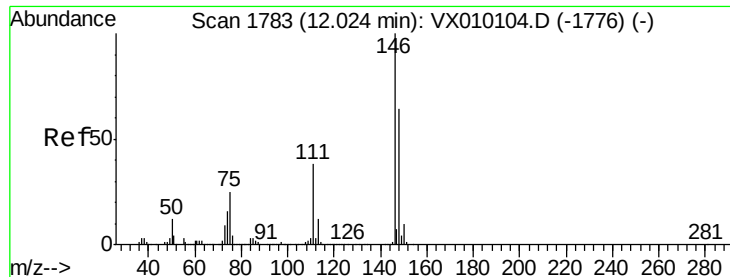
Ion Ratio Lower Upper

119 100

134 27.9 12.9 38.6

91 23.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 50.023 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

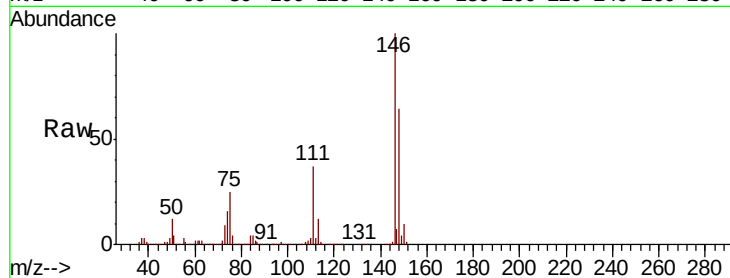
Tot Ion:146 Resp: 384282

Ion Ratio Lower Upper

146 100

111 38.0 20.1 60.2

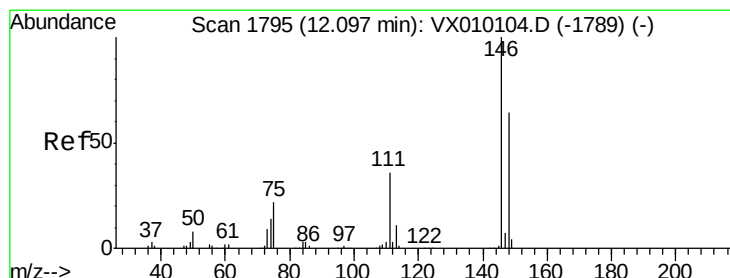
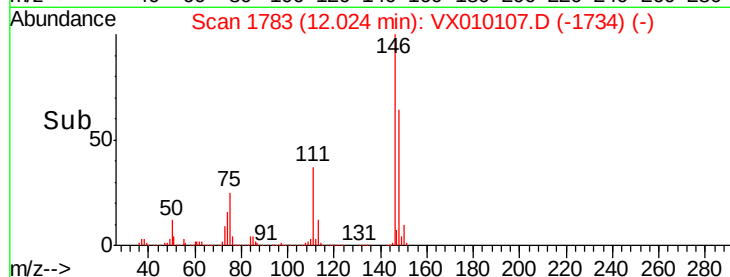
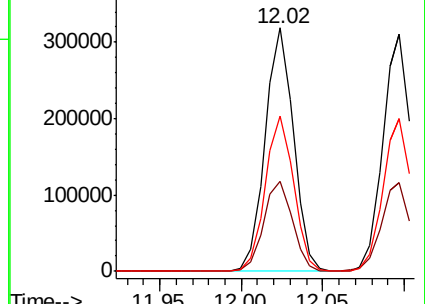
148 64.0 31.9 95.5



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



#88

1,4-Dichlorobenzene

Concen: 48.693 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

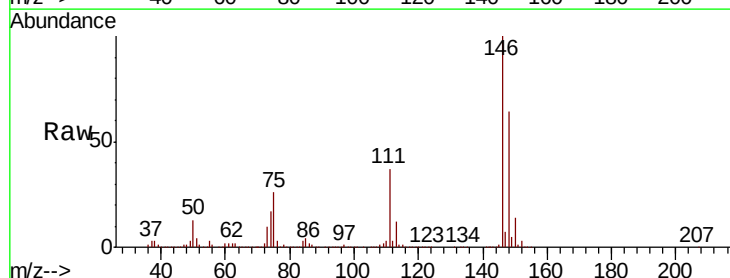
Tgt Ion:146 Resp: 377081

Ion Ratio Lower Upper

146 100

111 37.9 20.0 59.9

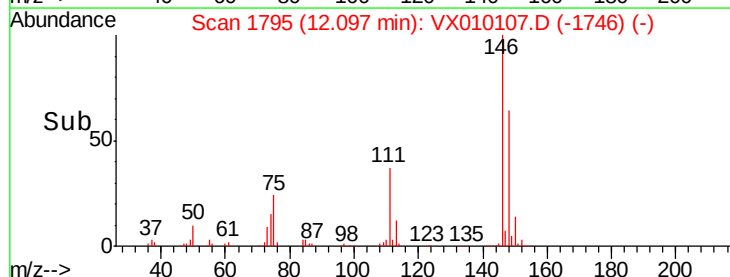
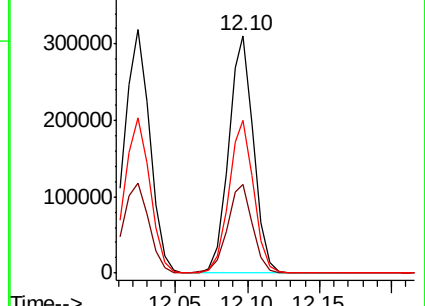
148 64.1 32.3 96.9

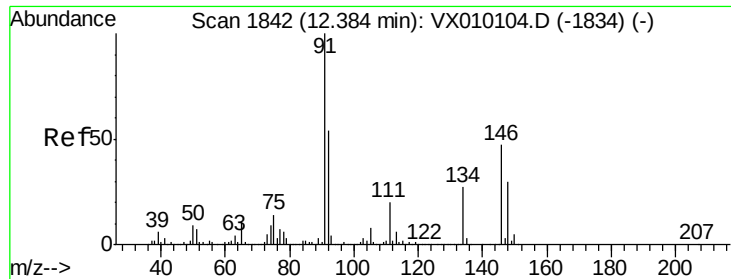


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 51.296 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

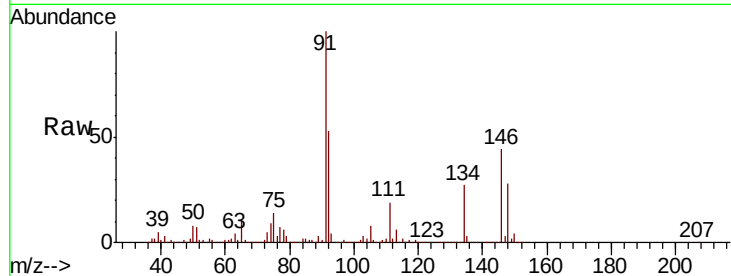
Tot Ion: 91 Resp: 635824

Ion Ratio Lower Upper

91 100

92 53.2 26.3 78.8

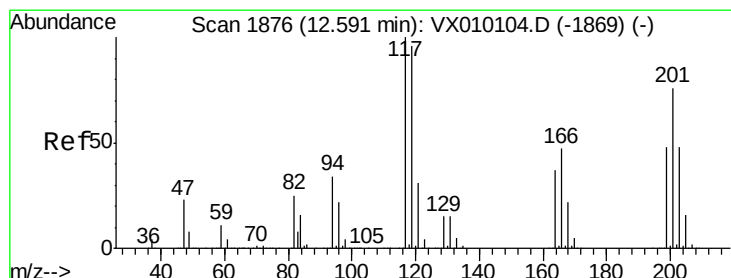
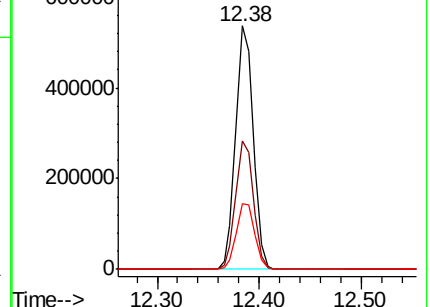
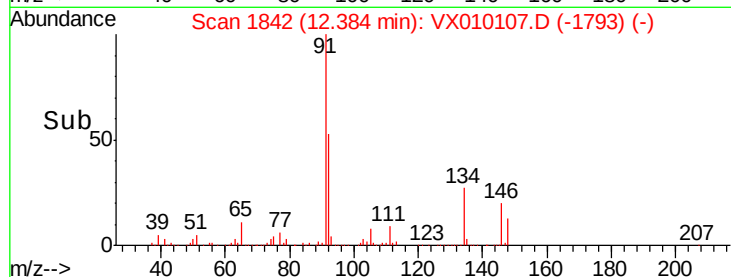
134 28.3 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX010107.D (-1793) (-)

Ion 92.00 (91.70 to 92.70): VX010107.D (-1793) (-)

Ion 134.00 (133.70 to 134.70): VX010107.D (-1793) (-)



#90

Hexachloroethane

Concen: 50.405 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.01 min

Lab File: VX010107.D

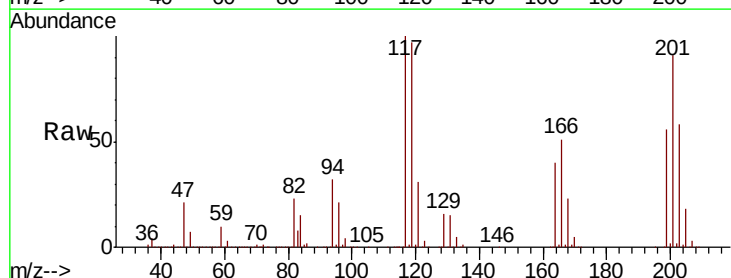
Acq: 07 Jun 2019 13:51

Tgt Ion: 117 Resp: 144587

Ion Ratio Lower Upper

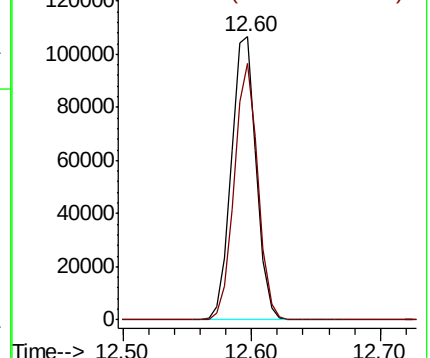
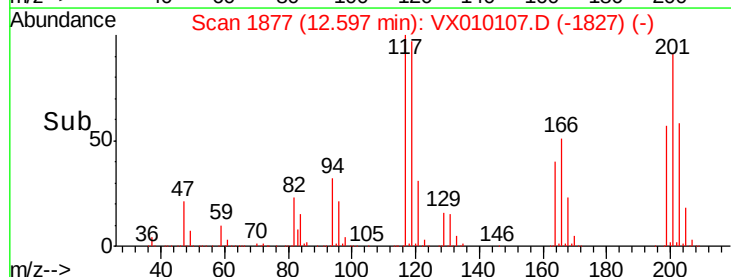
117 100

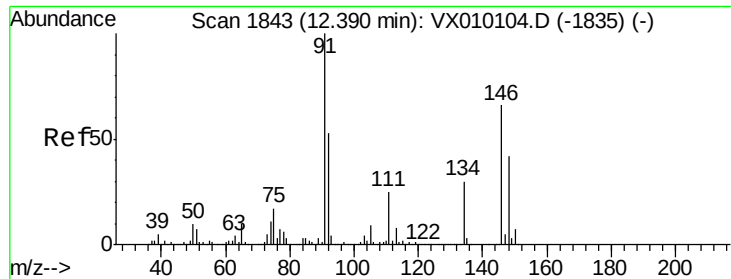
201 85.8 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VX010107.D (-1827) (-)

Ion 200.70 (200.40 to 201.40): VX010107.D (-1827) (-)

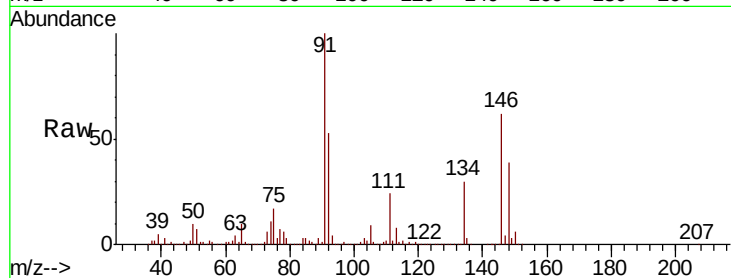




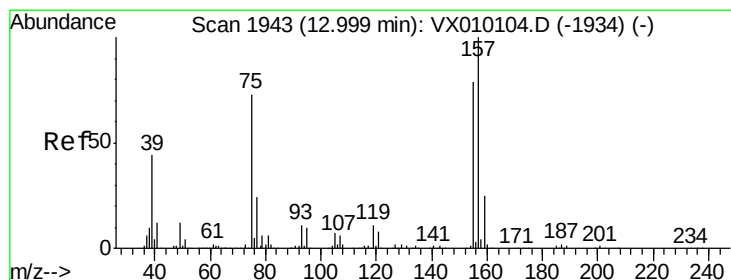
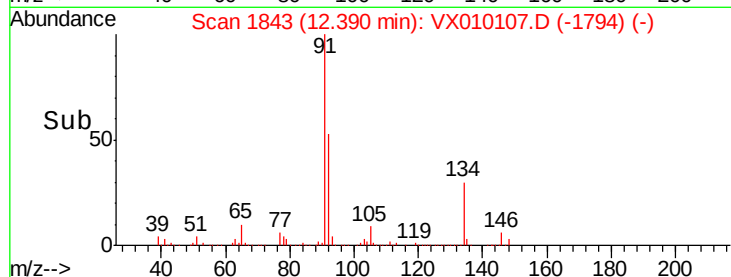
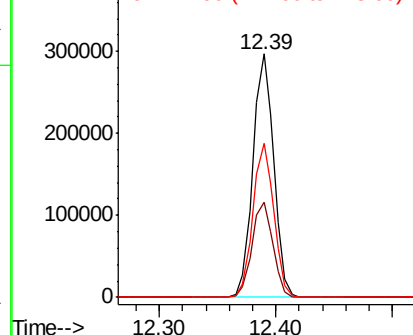
#91
 1,2-Dichlorobenzene
 Concen: 49.733 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion:146 Resp: 371428
 Ion Ratio Lower Upper
 146 100
 111 39.5 21.1 63.1
 148 63.4 32.3 96.8

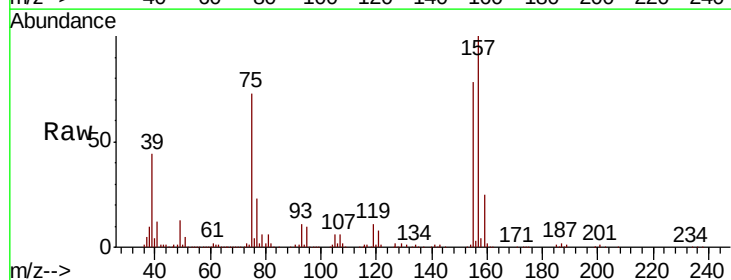


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

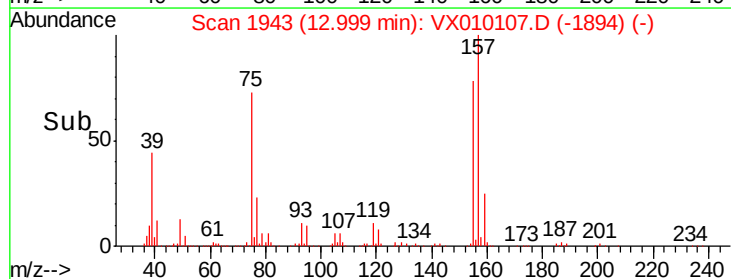
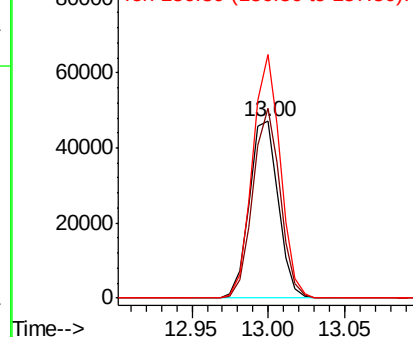


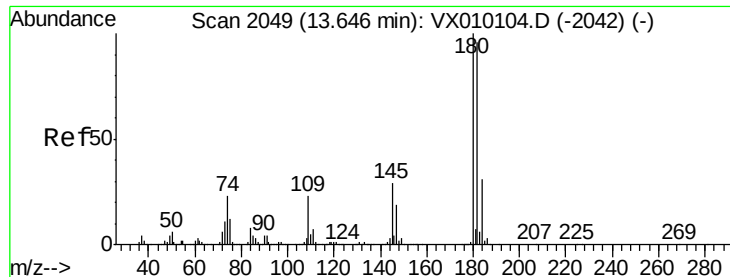
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.423 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion: 75 Resp: 61861
 Ion Ratio Lower Upper
 75 100
 155 101.4 39.3 117.8
 157 132.5 50.6 151.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

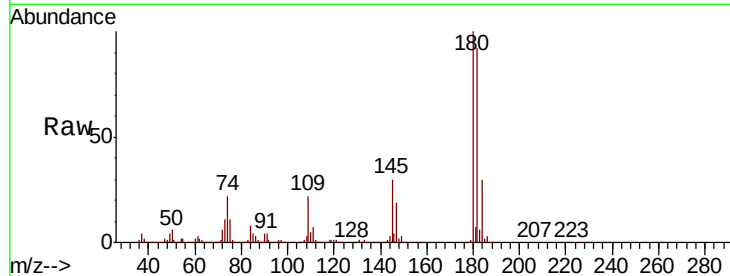




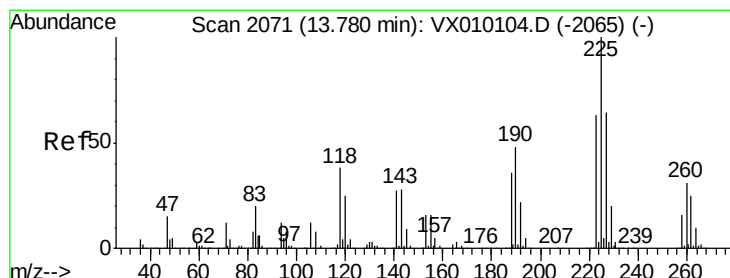
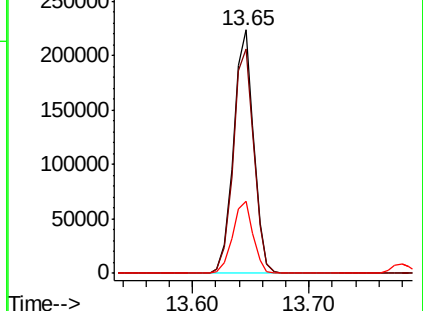
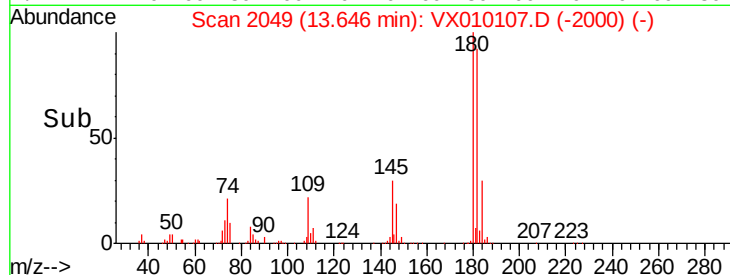
#93
 1,2,4-Trichlorobenzene
 Concen: 49.183 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX060719

Tot Ion:180 Resp: 268874
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.4 142.2
 145 30.0 14.5 43.5

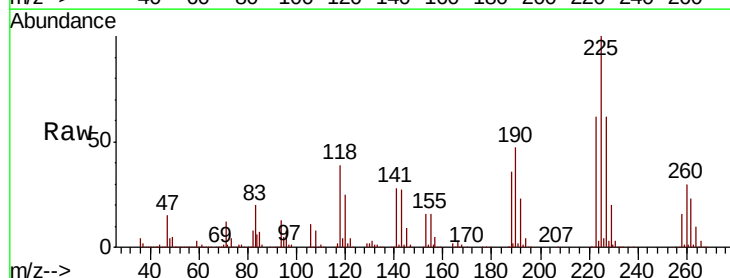


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

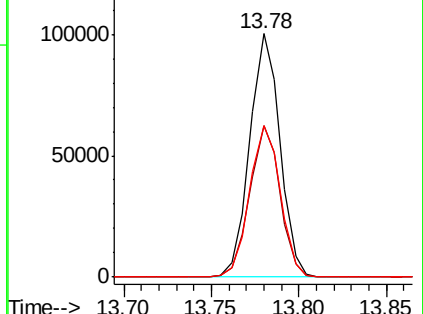
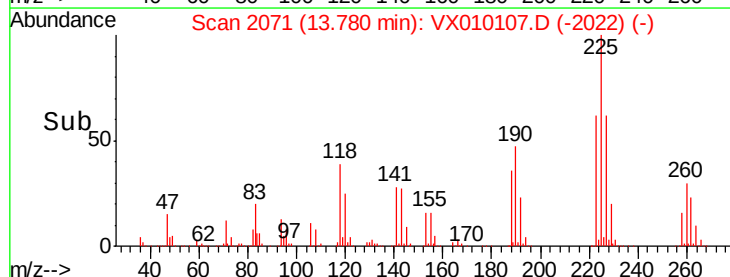


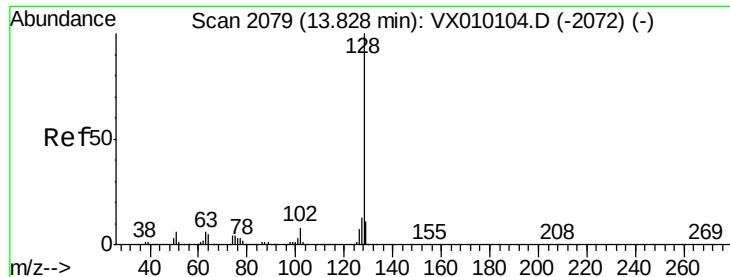
#94
 Hexachlorobutadiene
 Concen: 49.513 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010107.D
 Acq: 07 Jun 2019 13:51

Tgt Ion:225 Resp: 120379
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.3 93.8
 227 63.3 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: 50.088 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

Instrument :

MSVOA_X

ClientSampleId :

ICVVX060719

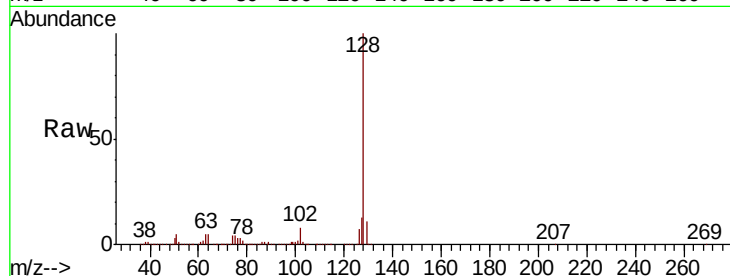
Tot Ion:128 Resp: 861966

Ion Ratio Lower Upper

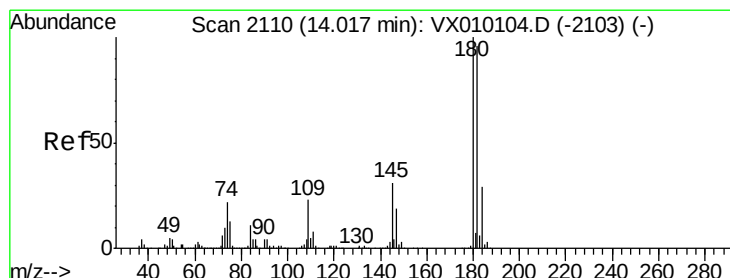
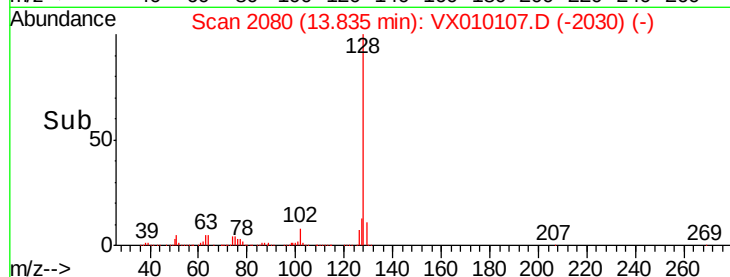
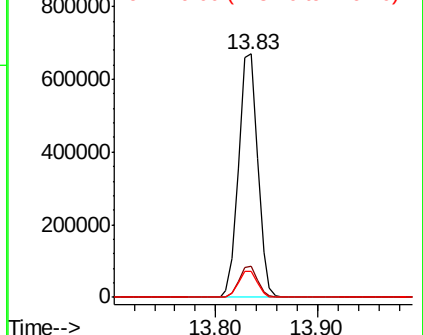
128 100

127 12.7 10.6 16.0

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.788 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX010107.D

Acq: 07 Jun 2019 13:51

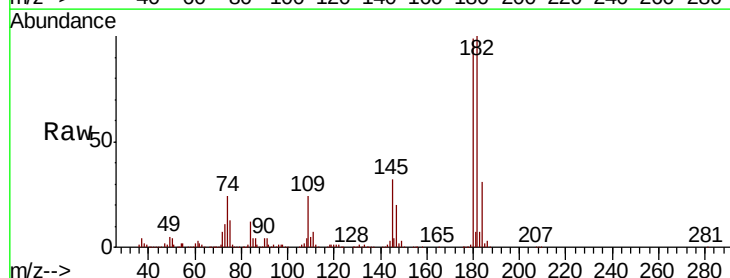
Tgt Ion:180 Resp: 263713

Ion Ratio Lower Upper

180 100

182 97.8 47.3 142.0

145 32.0 15.6 46.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

