

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
 Data File : VX011754.D
 Acq On : 22 Aug 2019 11:27
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Quant Time: Aug 23 01:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	422207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	555304	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	520091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	198059	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.49	113	181340	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	8.71	98	664331	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	251456	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	217301	55.147	ug/l	99
3) Chloromethane	1.32	50	188896	54.664	ug/l	98
4) Vinyl Chloride	1.40	62	172142	49.832	ug/l	99
5) Bromomethane	1.63	94	98772	51.902	ug/l	97
6) Chloroethane	1.71	64	98330	48.685	ug/l	99
7) Trichlorofluoromethane	1.92	101	278626	50.661	ug/l	98
8) Diethyl Ether	2.18	74	90721	48.511	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	176143	51.757	ug/l	98
10) Methyl Iodide	2.50	142	211647	50.915	ug/l	97
11) Tert butyl alcohol	3.04	59	211635	252.516	ug/l	99
12) 1,1-Dichloroethene	2.36	96	165311	49.815	ug/l	98
13) Acrolein	2.28	56	82965	256.085	ug/l	96
14) Allyl chloride	2.72	41	271358	52.318	ug/l	99
15) Acrylonitrile	3.13	53	488440	254.797	ug/l	100
16) Acetone	2.43	43	501242	271.676	ug/l	97
17) Carbon Disulfide	2.56	76	434131	51.742	ug/l	100
18) Methyl Acetate	2.76	43	258844	51.703	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	537573	50.501	ug/l	99
20) Methylene Chloride	2.85	84	181225	48.045	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	179909	50.263	ug/l	96
22) Diisopropyl ether	3.85	45	513268	51.032	ug/l	96
23) Vinyl Acetate	3.81	43	2139747	256.951	ug/l	98
24) 1,1-Dichloroethane	3.68	63	289566	48.762	ug/l	99
25) 2-Butanone	4.66	43	691133	260.978	ug/l	99
26) 2,2-Dichloropropane	4.57	77	259012	51.361	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	203269	49.520	ug/l	98
28) Bromochloromethane	5.01	49	122229	45.343	ug/l	98
29) Tetrahydrofuran	5.12	42	427867	252.044	ug/l	99
30) Chloroform	5.20	83	315688	48.999	ug/l	98
31) Cyclohexane	5.57	56	275847	52.892	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	290262	51.828	ug/l	100
36) 1,1-Dichloropropene	5.79	75	236486	54.307	ug/l	98
37) Ethyl Acetate	4.82	43	250672	54.397	ug/l	99
38) Carbon Tetrachloride	5.77	117	261376	52.963	ug/l	99

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Quant Time: Aug 23 01:52:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	308383	57.149	ug/l	99
40) Benzene	6.13	78	699587	51.934	ug/l	98
41) Methacrylonitrile	5.03	41	131625	49.113	ug/l	99
42) 1,2-Dichloroethane	6.18	62	240728	48.886	ug/l	98
43) Isopropyl Acetate	6.43	43	395437	53.018	ug/l	98
44) Trichloroethene	7.21	130	214790	51.726	ug/l	98
45) 1,2-Dichloropropane	7.51	63	176817	52.222	ug/l	100
46) Dibromomethane	7.65	93	124914	50.040	ug/l	99
47) Bromodichloromethane	7.89	83	238130	52.992	ug/l	98
48) Methyl methacrylate	7.76	41	199650	53.787	ug/l	99
49) 1,4-Dioxane	7.73	88	96998	943.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1298930	264.300	ug/l	100
52) Toluene	8.78	92	455002	52.196	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	263762	55.913	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	284167	55.218	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	186569	51.371	ug/l	98
56) Ethyl methacrylate	9.17	69	287057	55.577	ug/l	99
57) 1,3-Dichloropropane	9.37	76	293395	50.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	779155	286.771	ug/l	100
59) 2-Hexanone	9.49	43	1017660	269.786	ug/l	99
60) Dibromochloromethane	9.58	129	214454	54.614	ug/l	100
61) 1,2-Dibromoethane	9.67	107	206231	52.922	ug/l	100
64) Tetrachloroethene	9.33	164	212682	51.259	ug/l	97
65) Chlorobenzene	10.13	112	520551	51.266	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	199826	52.525	ug/l	100
67) Ethyl Benzene	10.25	91	888867	52.383	ug/l	98
68) m/p-Xylenes	10.35	106	701372	107.198	ug/l	99
69) o-Xylene	10.69	106	334500	52.073	ug/l	98
70) Styrene	10.71	104	578805	53.862	ug/l	98
71) Bromoform	10.85	173	179034	54.552	ug/l #	98
73) Isopropylbenzene	11.01	105	907827	53.665	ug/l	100
74) N-amyl acetate	10.90	43	352618	53.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	274519	49.027	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	318309	64.623	ug/l	85
77) Bromobenzene	11.25	156	245546	49.236	ug/l	99
78) n-propylbenzene	11.36	91	999193	55.239	ug/l	99
79) 2-Chlorotoluene	11.42	91	591032	52.520	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	763099	54.065	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	89203	54.616	ug/l	98
82) 4-Chlorotoluene	11.51	91	691229	53.287	ug/l	100
83) tert-Butylbenzene	11.77	119	771058	55.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	757166	53.122	ug/l	99
85) sec-Butylbenzene	11.94	105	895815	56.236	ug/l	100
86) p-Isopropyltoluene	12.06	119	863073	56.312	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	453148	52.765	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	453925	52.242	ug/l	99
89) n-Butylbenzene	12.38	91	716672	56.486	ug/l	100
90) Hexachloroethane	12.59	117	133028	55.869	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	442032	51.031	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	65892	50.625	ug/l	99

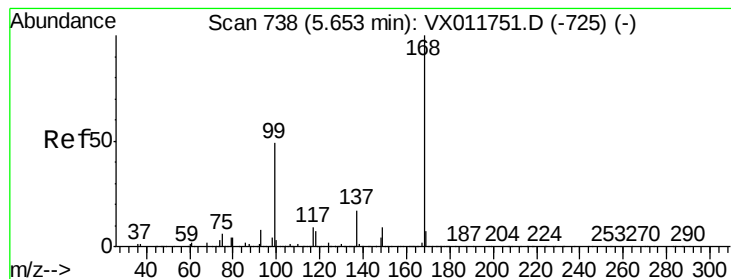
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082219\
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Quant Title : SW846 8260
QLast Update : Fri Aug 23 01:48:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	348905	54.760	ug/l	100
94) Hexachlorobutadiene	13.78	225	195194	55.907	ug/l	99
95) Naphthalene	13.83	128	969060	55.222	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	352418	55.086	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

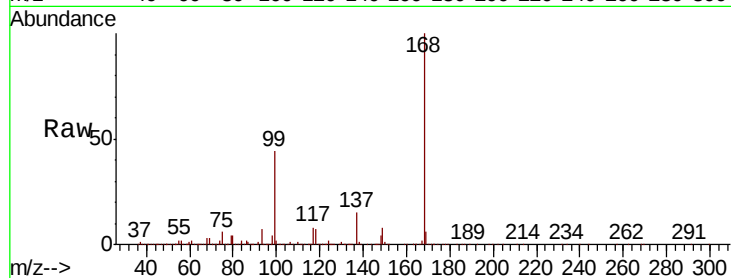
ICVVX082219

Tgt Ion:168 Resp: 422207

Ion Ratio Lower Upper

168 100

99 43.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

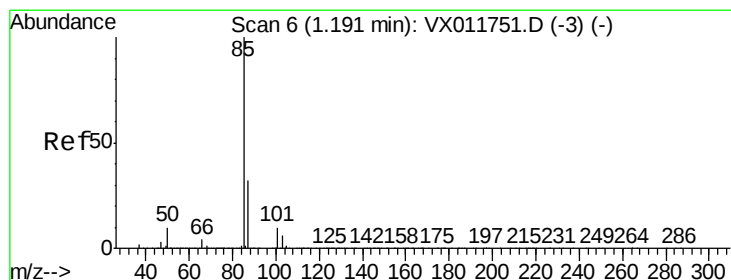
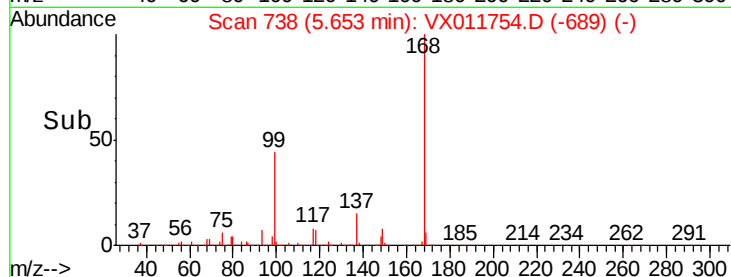
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 55.147 ug/l

RT: 1.19 min Scan# 6

Delta R.T. -0.00 min

Lab File: VX011754.D

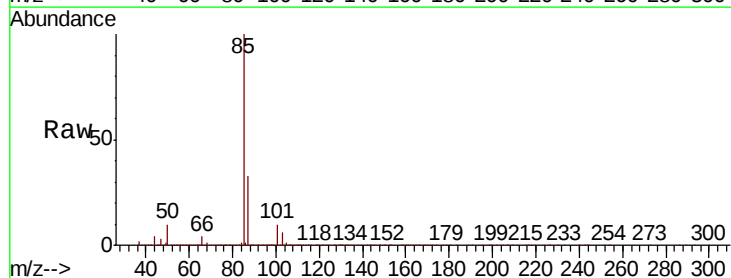
Acq: 22 Aug 2019 11:27

Tgt Ion: 85 Resp: 217301

Ion Ratio Lower Upper

85 100

87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

250000

200000

150000

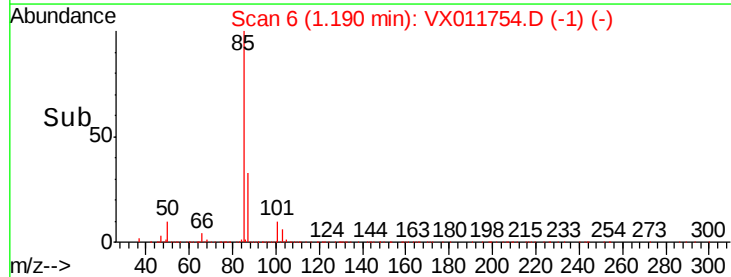
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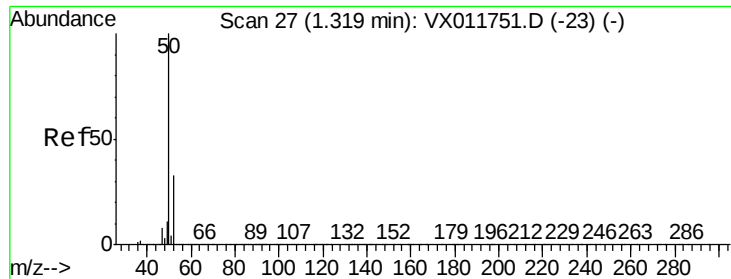
50000

0

1.15 1.20 1.25 1.30

Time-->

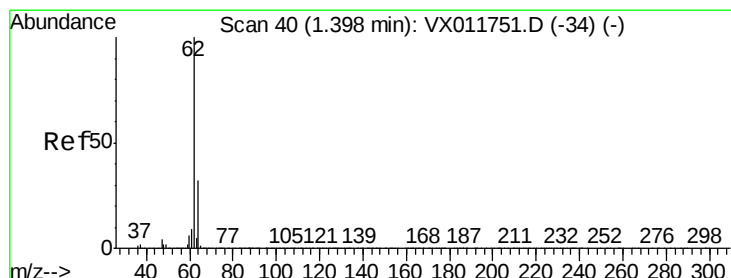
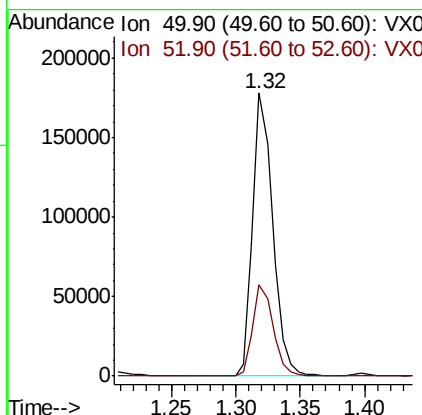
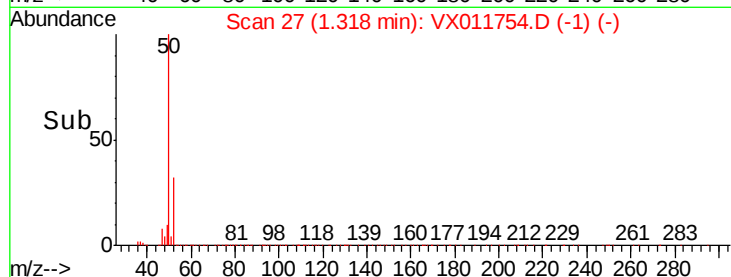
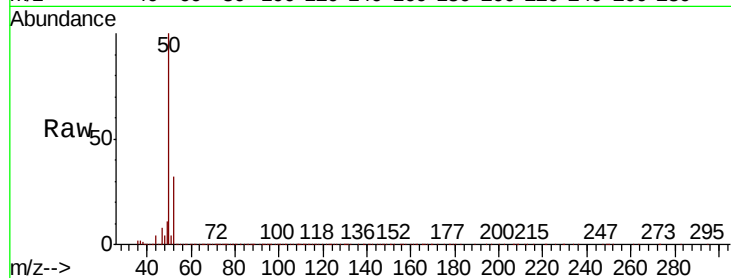




#3
Chloromethane
Concen: 54.664 ug/l
RT: 1.32 min Scan# 27
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

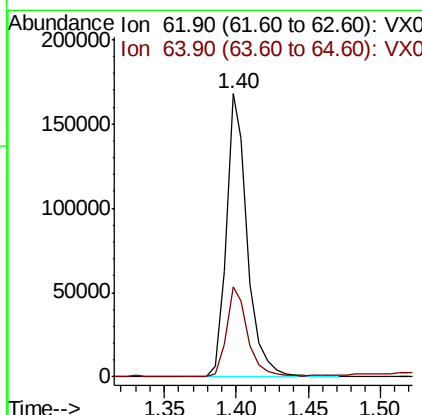
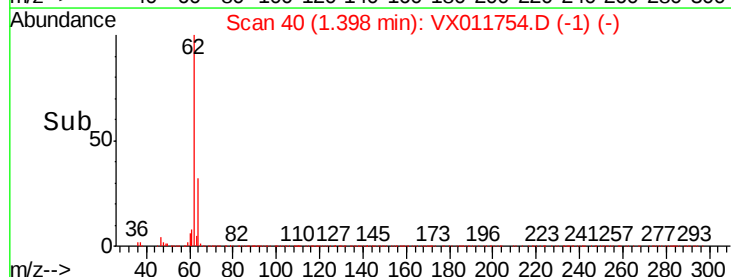
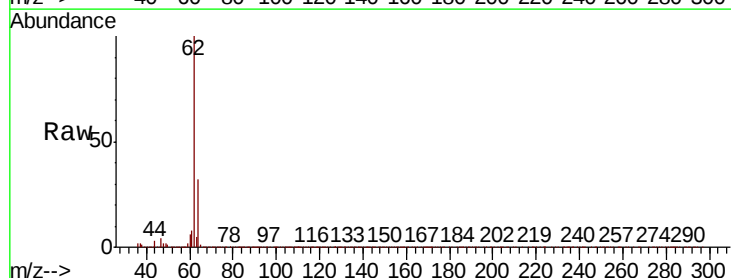
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

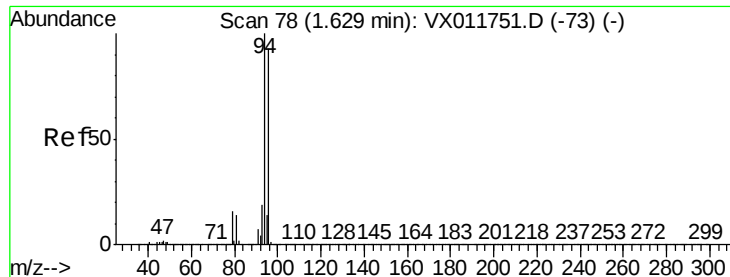
Tgt Ion: 50 Resp: 188896
Ion Ratio Lower Upper
50 100
52 32.1 26.6 39.8



#4
Vinyl Chloride
Concen: 49.832 ug/l
RT: 1.40 min Scan# 40
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 62 Resp: 172142
Ion Ratio Lower Upper
62 100
64 31.5 25.5 38.3





#5

Bromomethane

Concen: 51.902 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampled :

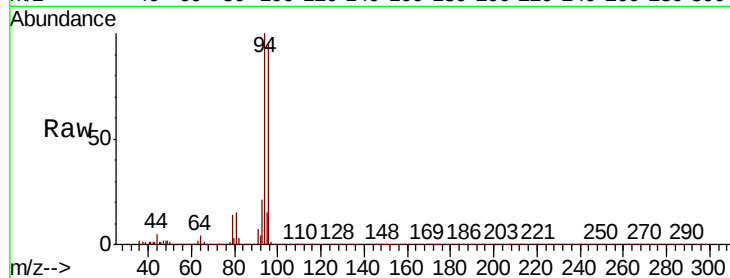
ICVVX082219

Tgt Ion: 94 Resp: 98772

Ion Ratio Lower Upper

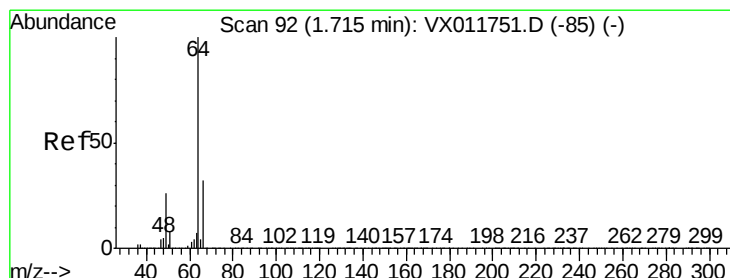
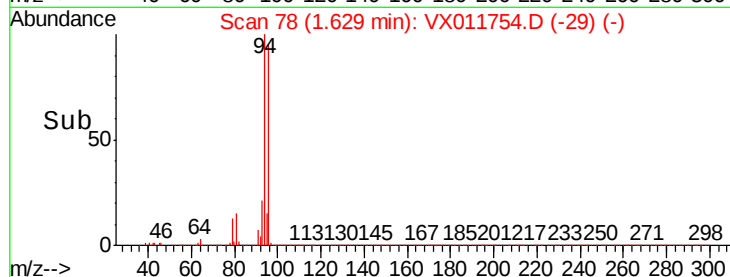
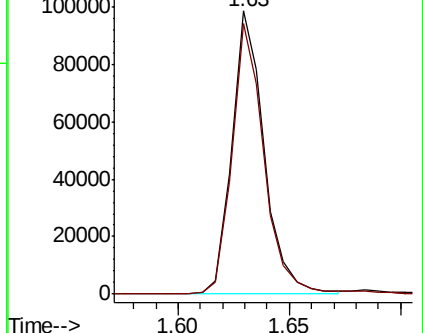
94 100

96 95.4 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.685 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011754.D

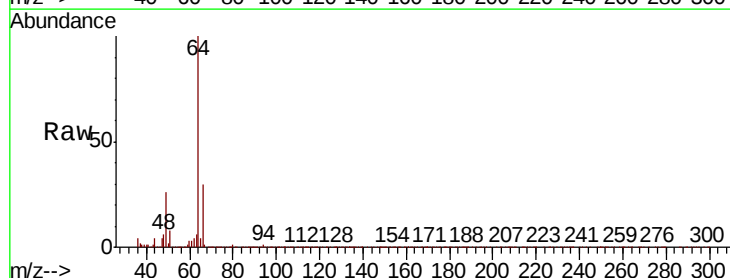
Acq: 22 Aug 2019 11:27

Tgt Ion: 64 Resp: 98330

Ion Ratio Lower Upper

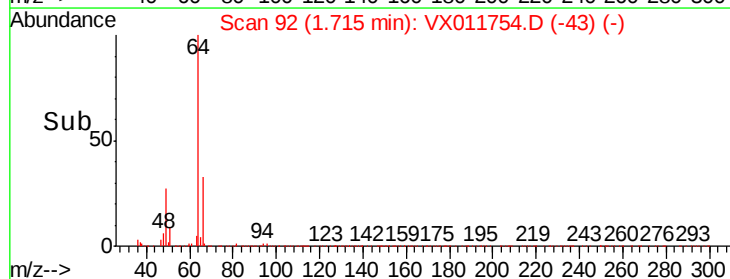
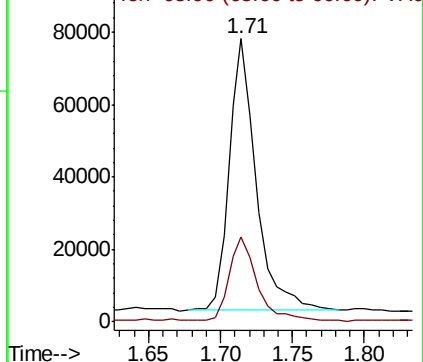
64 100

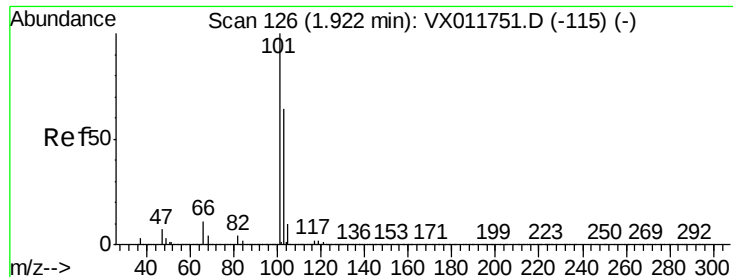
66 30.7 24.9 37.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



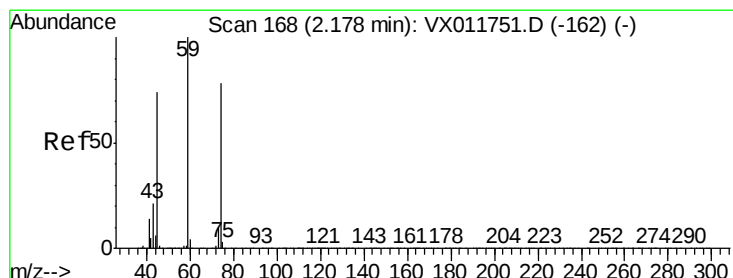
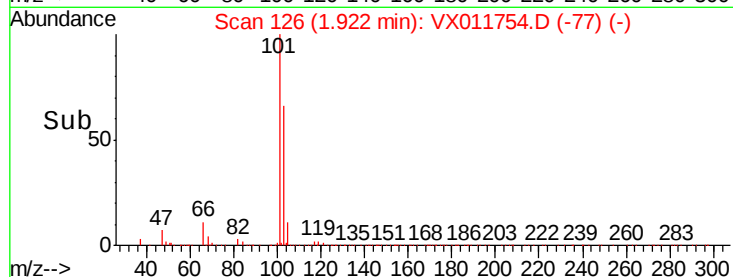
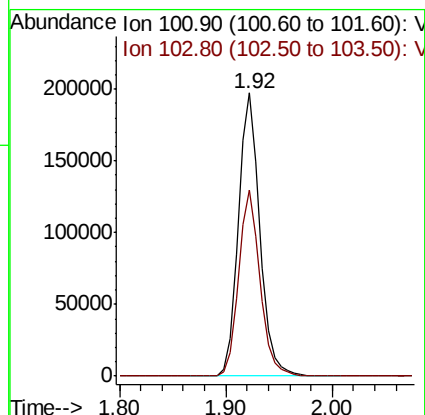
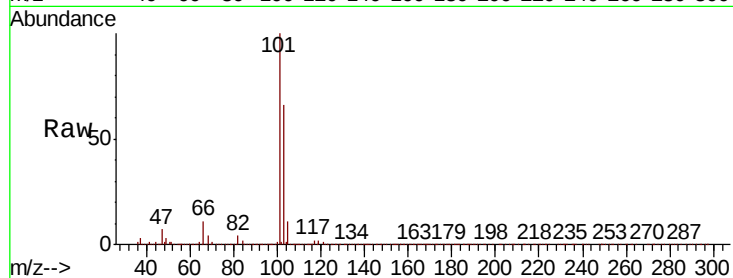


#7

Trichlorofluoromethane
Concen: 50.661 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
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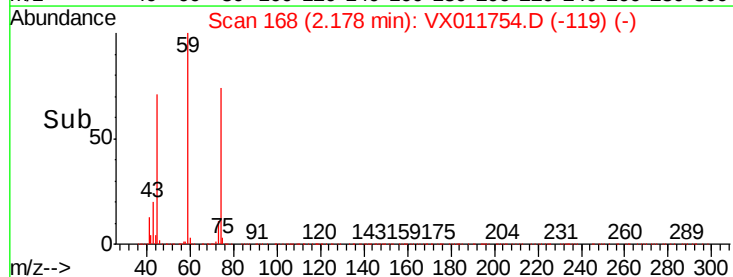
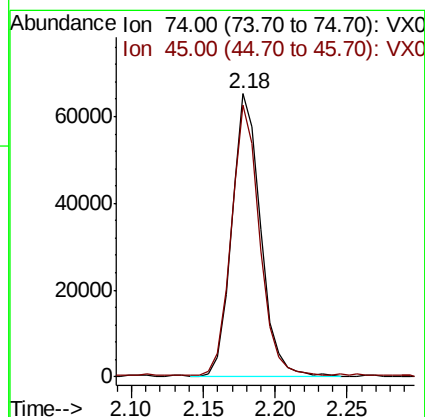
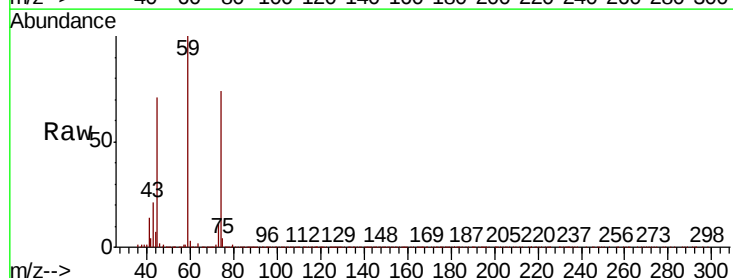
Tgt Ion:101 Resp: 278626
Ion Ratio Lower Upper
101 100
103 65.7 51.2 76.8

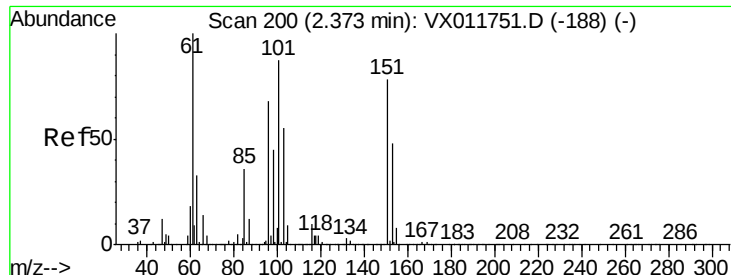


#8

Diethyl Ether
Concen: 48.511 ug/l
RT: 2.18 min Scan# 168
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 74 Resp: 90721
Ion Ratio Lower Upper
74 100
45 94.7 46.7 140.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.757 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

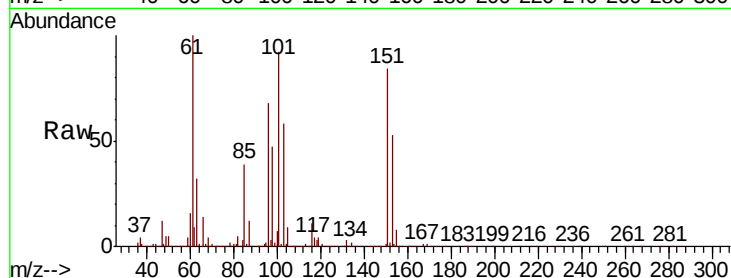
Tgt Ion:101 Resp: 176143

Ion Ratio Lower Upper

101 100

85 42.3 33.7 50.5

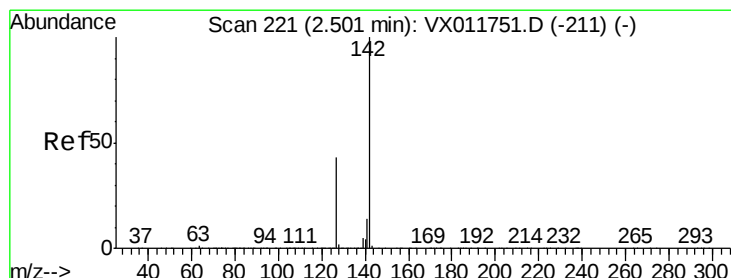
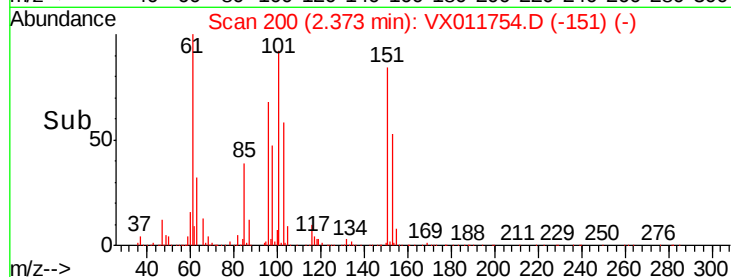
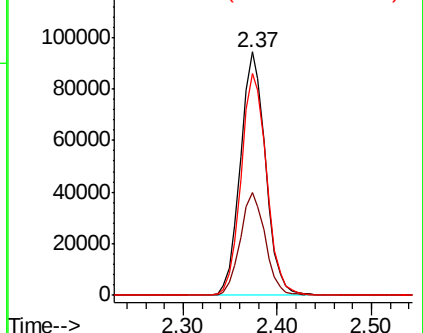
151 92.4 71.4 107.2



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: 50.915 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

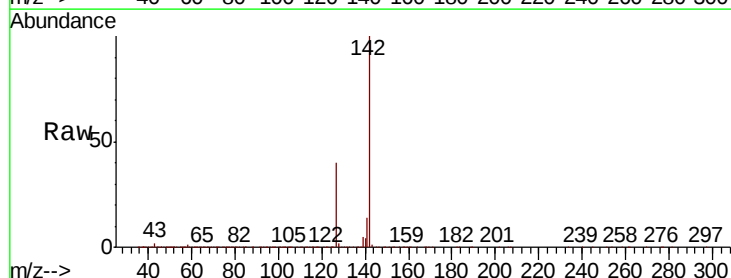
Tgt Ion:142 Resp: 211647

Ion Ratio Lower Upper

142 100

127 39.5 33.5 50.3

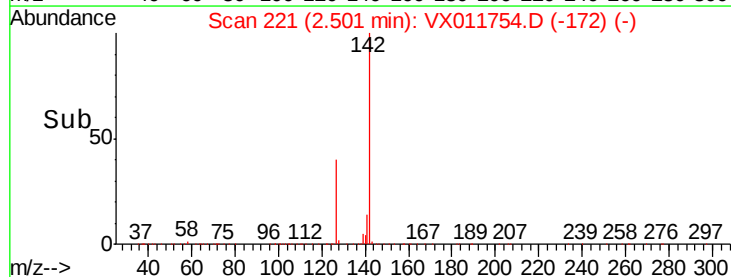
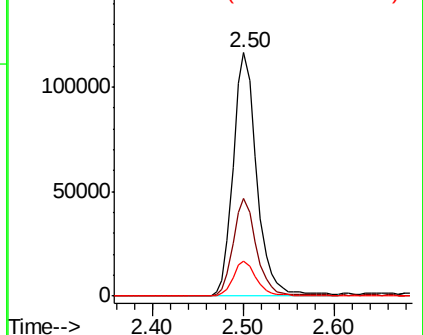
141 14.6 11.4 17.2

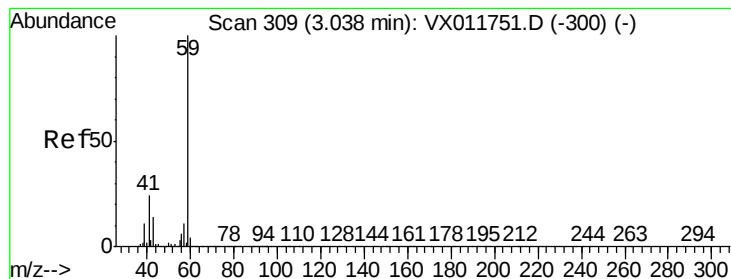


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



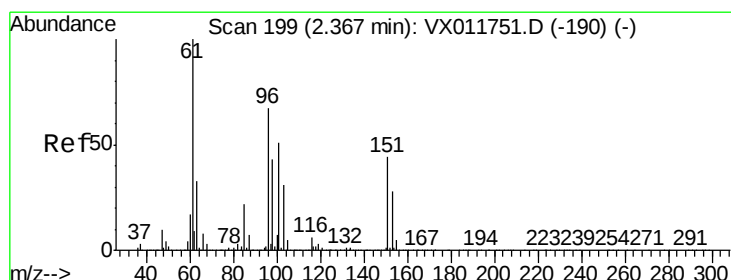
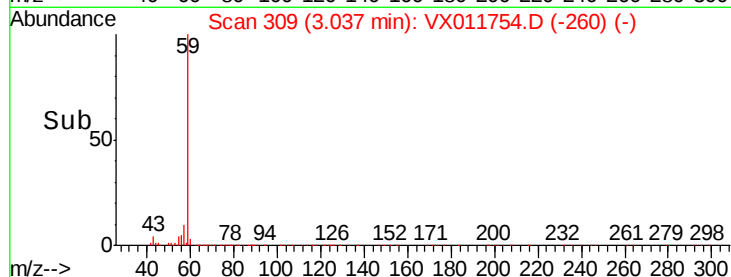
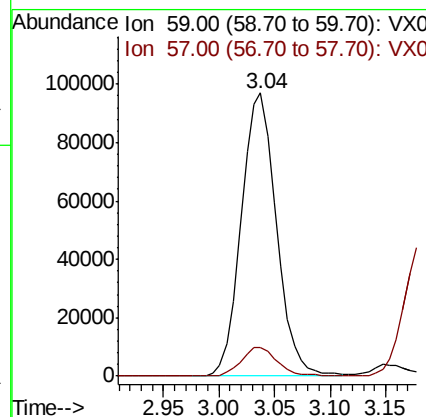
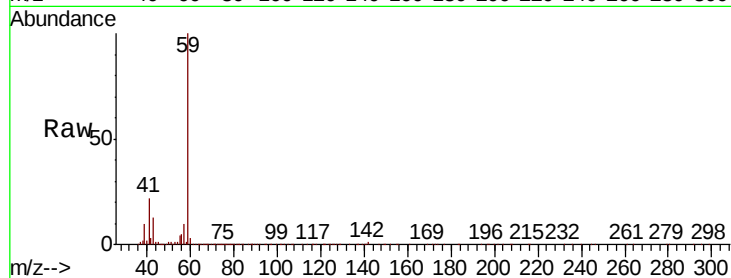


#11

Tert butyl alcohol
 Concen: 252.516 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX082219

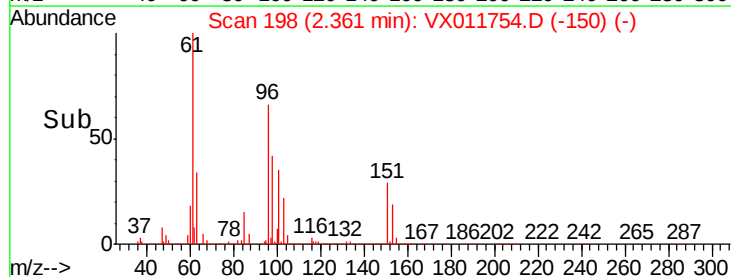
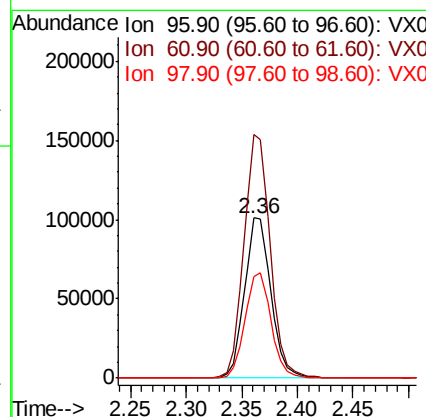
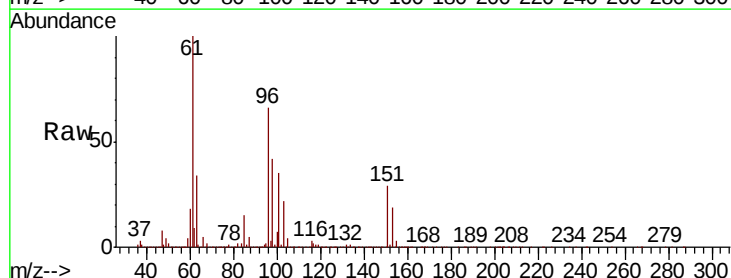
Tgt Ion: 59 Resp: 211635
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.4 12.6

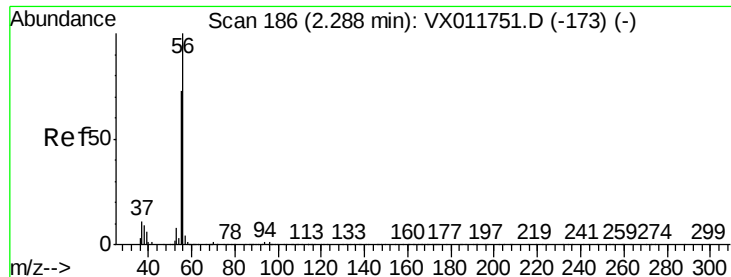


#12

1,1-Dichloroethene
 Concen: 49.815 ug/l
 RT: 2.36 min Scan# 198
 Delta R.T. -0.01 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion: 96 Resp: 165311
 Ion Ratio Lower Upper
 96 100
 61 152.1 119.4 179.2
 98 63.6 51.2 76.8





#13

Acrolein

Concen: 256.085 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

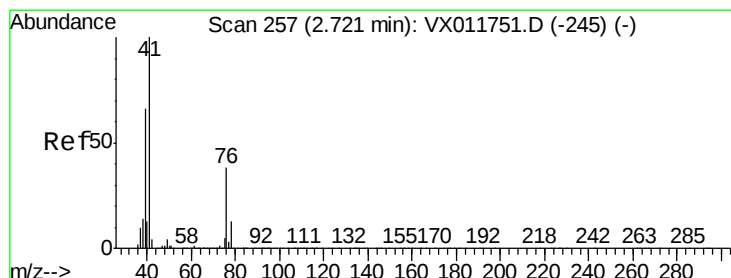
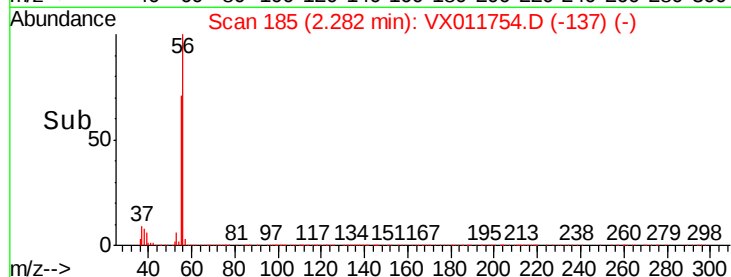
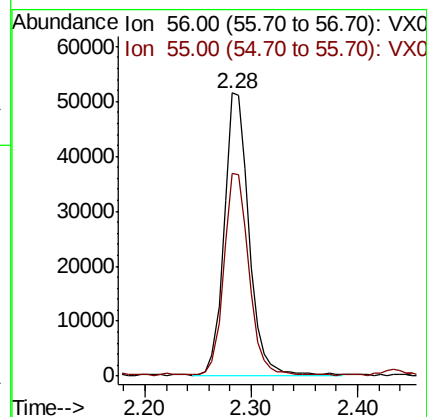
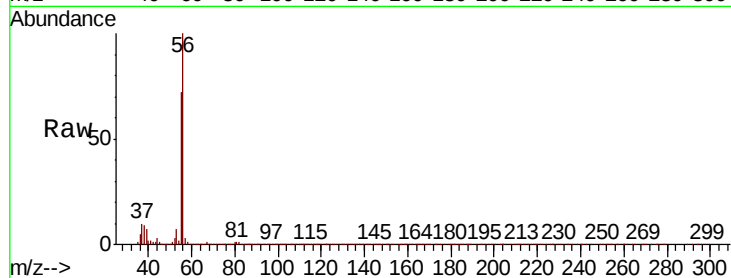
ICVVX082219

Tgt Ion: 56 Resp: 82965

Ion Ratio Lower Upper

56 100

55 71.8 54.8 82.2



#14

Allyl chloride

Concen: 52.318 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

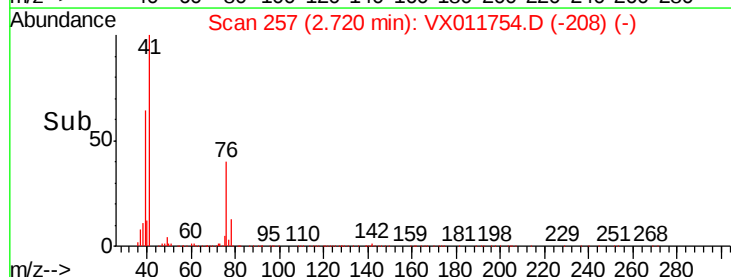
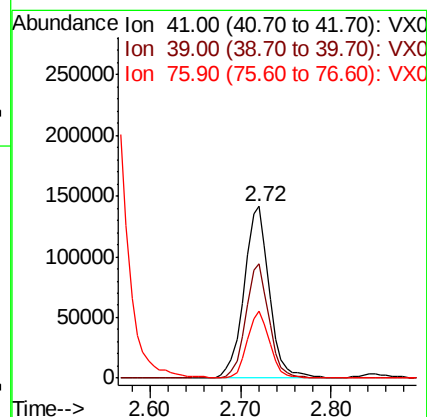
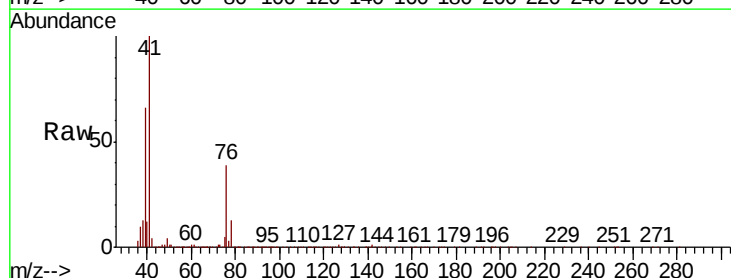
Tgt Ion: 41 Resp: 271358

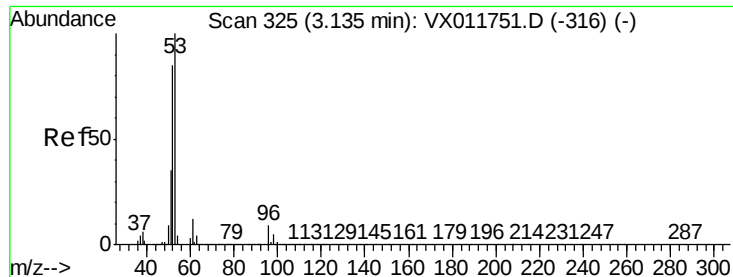
Ion Ratio Lower Upper

41 100

39 60.9 49.3 73.9

76 34.3 26.8 40.2





#15

Acrylonitrile

Concen: 254.797 ug/l

RT: 3.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

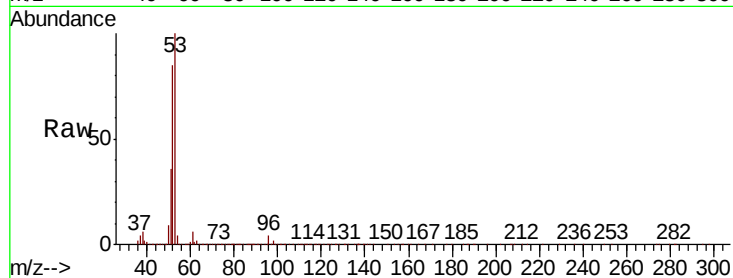
Tgt Ion: 53 Resp: 488440

Ion Ratio Lower Upper

53 100

52 82.5 65.7 98.5

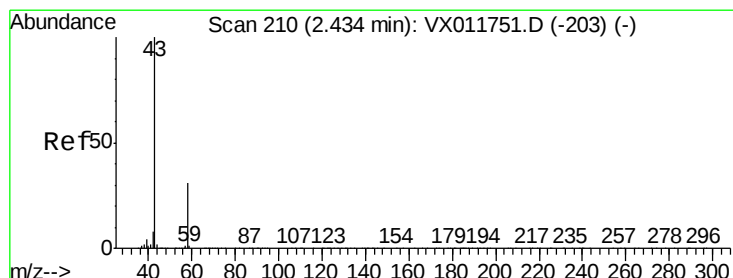
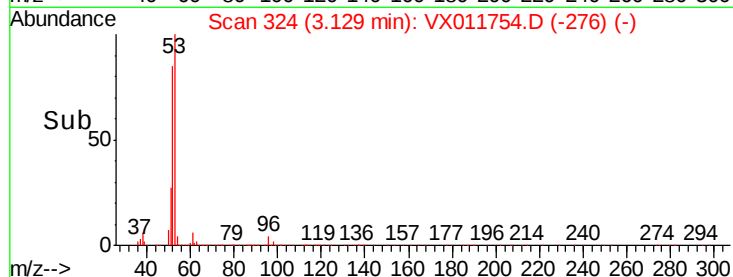
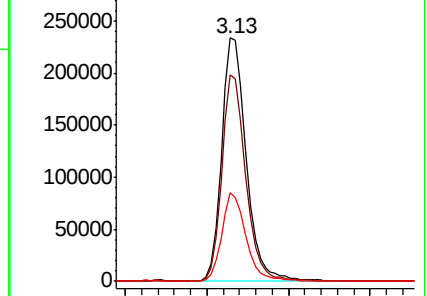
51 35.9 28.6 43.0



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: 271.676 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011754.D

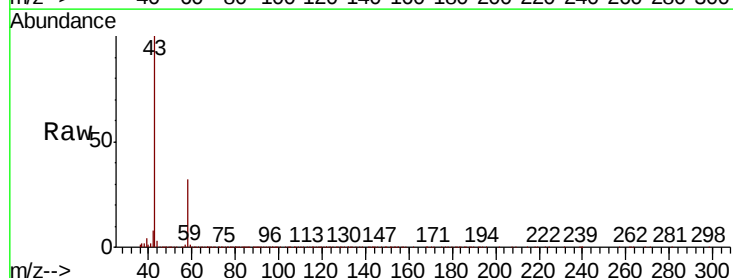
Acq: 22 Aug 2019 11:27

Tgt Ion: 43 Resp: 501242

Ion Ratio Lower Upper

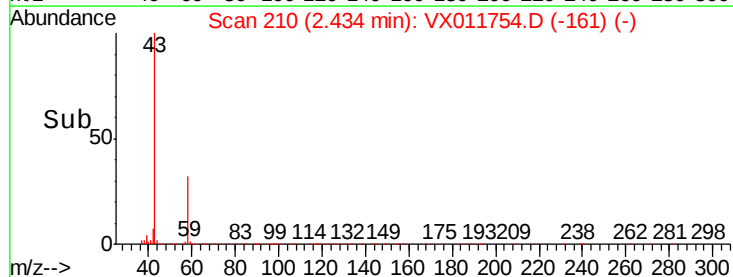
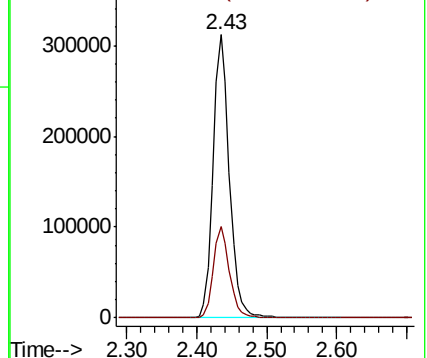
43 100

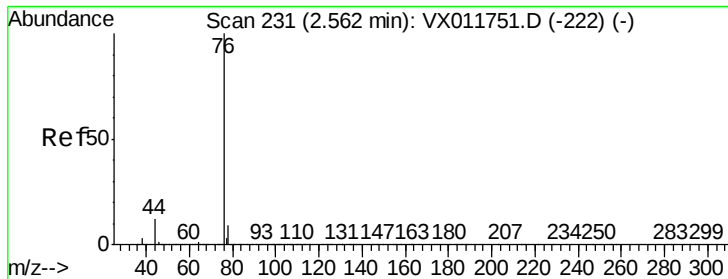
58 32.1 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

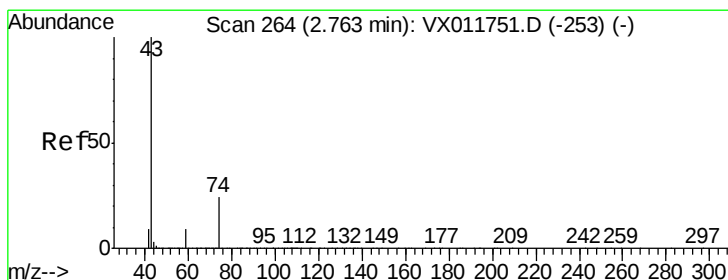
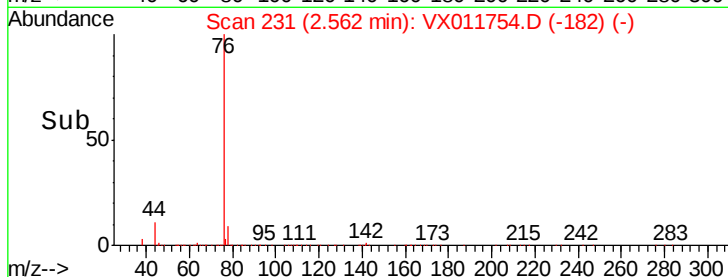
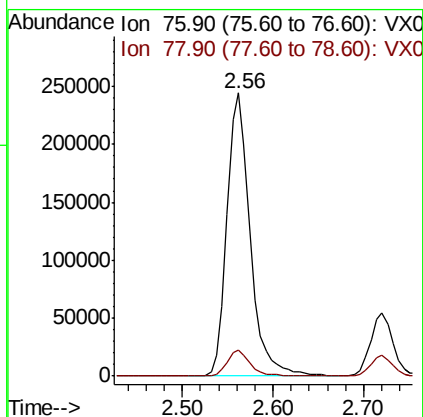
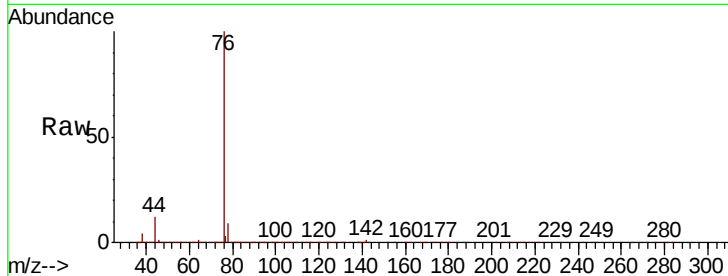




#17
Carbon Disulfide
Concen: 51.742 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

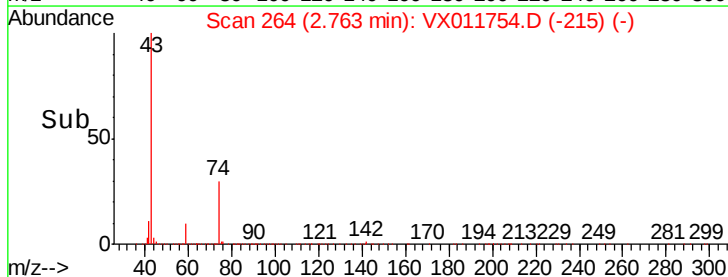
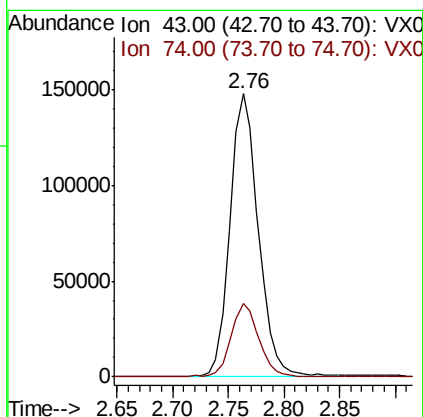
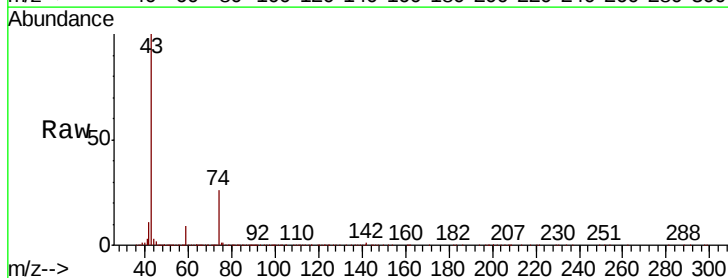
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

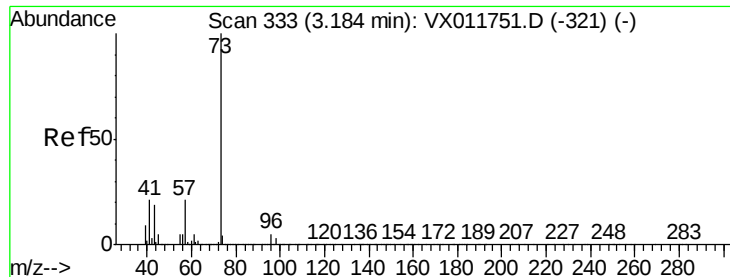
Tgt Ion: 76 Resp: 434131
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 51.703 ug/l
RT: 2.76 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 43 Resp: 258844
Ion Ratio Lower Upper
43 100
74 25.4 19.5 29.3



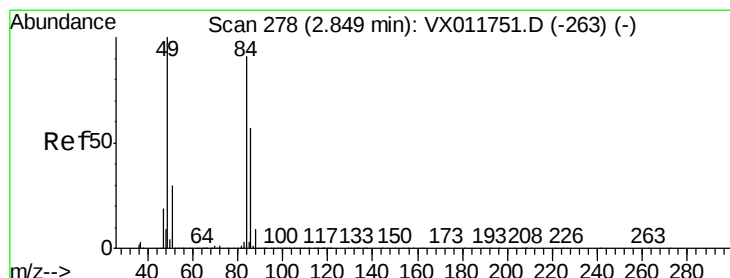
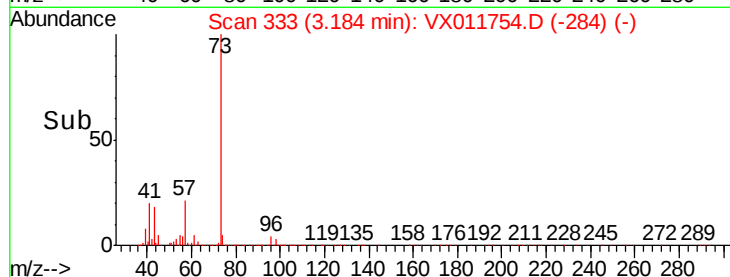
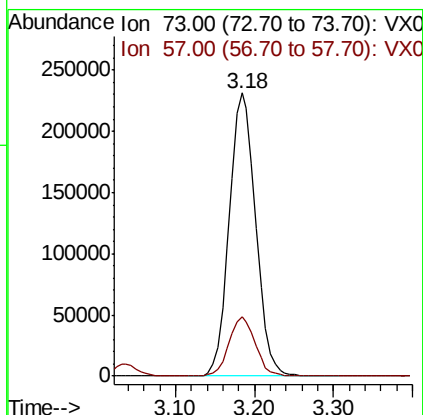
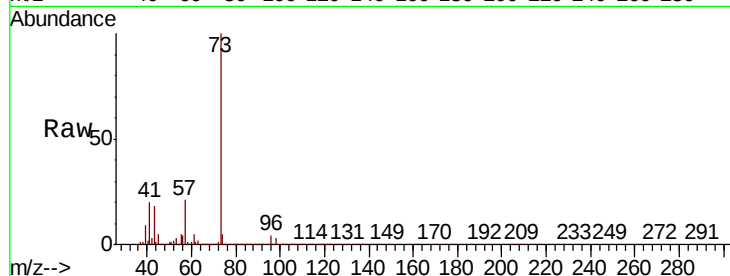


#19

Methyl tert-butyl Ether
 Concen: 50.501 ug/l
 RT: 3.18 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

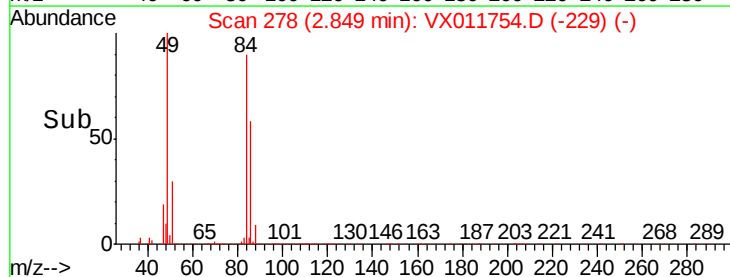
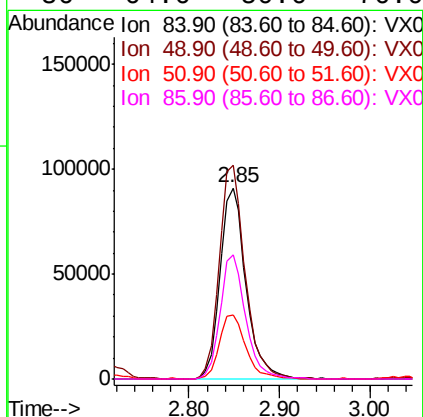
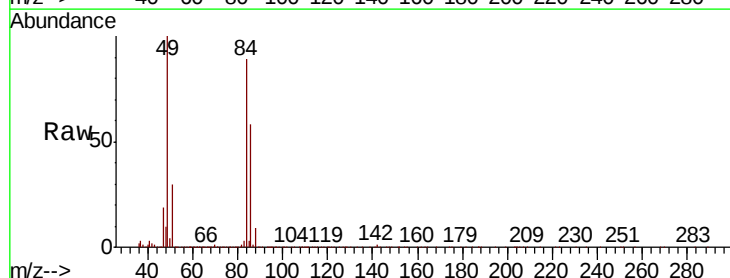
Tgt Ion: 73 Resp: 537573
 Ion Ratio Lower Upper
 73 100
 57 21.0 16.4 24.6

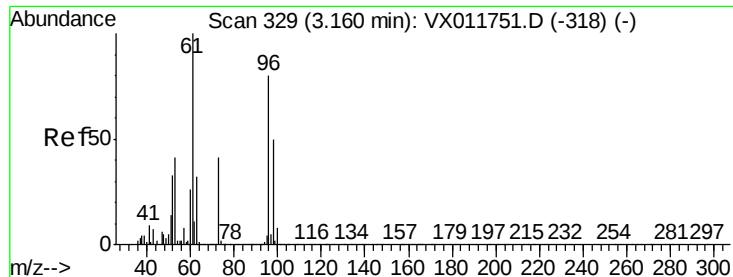


#20

Methylene Chloride
 Concen: 48.045 ug/l
 RT: 2.85 min Scan# 278
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion: 84 Resp: 181225
 Ion Ratio Lower Upper
 84 100
 49 111.7 88.3 132.5
 51 33.6 26.2 39.2
 86 64.6 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 50.263 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

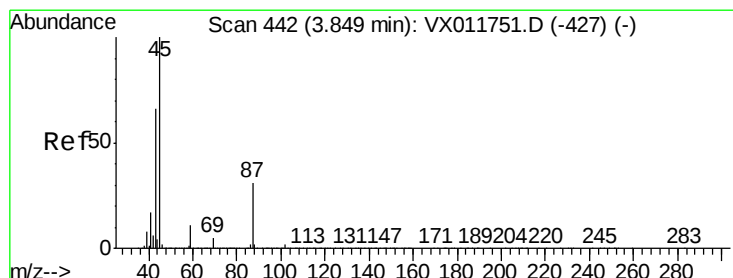
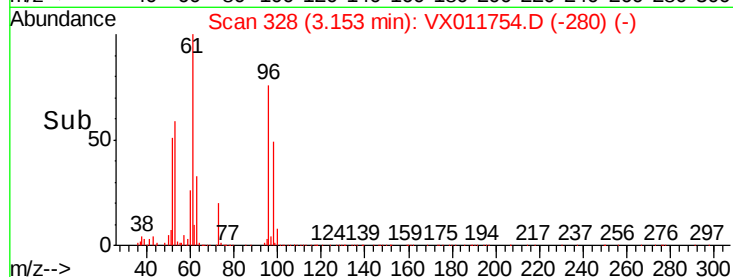
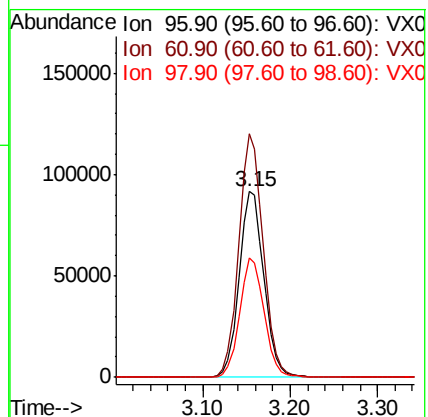
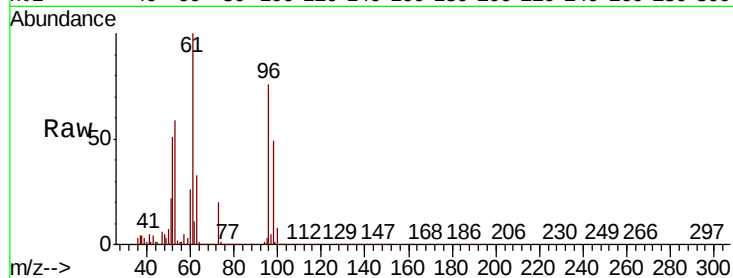
Tgt Ion: 96 Resp: 179909

Ion Ratio Lower Upper

96 100

61 130.9 99.8 149.8

98 64.2 50.3 75.5



#22

Diisopropyl ether

Concen: 51.032 ug/l

RT: 3.85 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion: 45 Resp: 513268

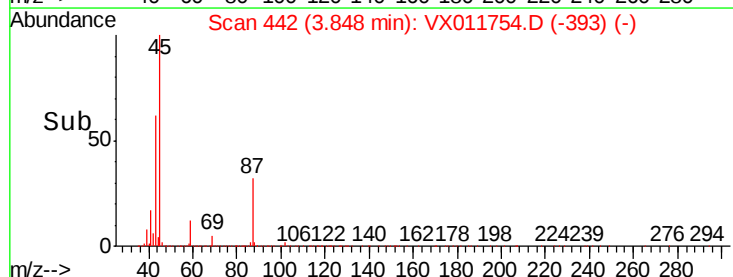
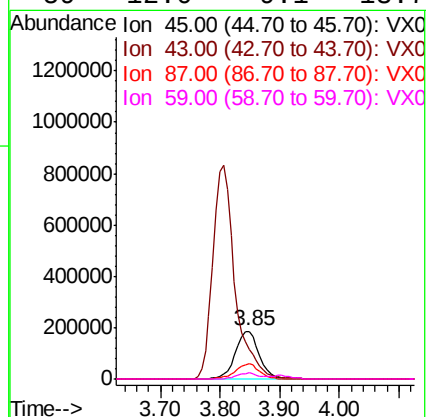
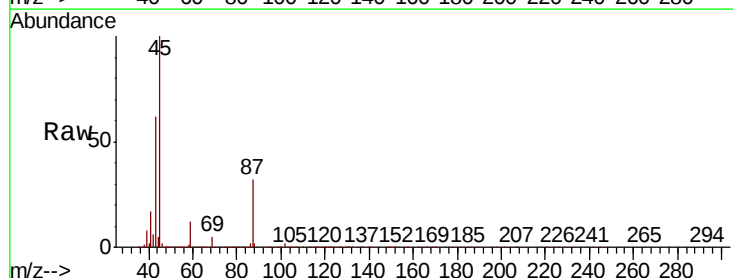
Ion Ratio Lower Upper

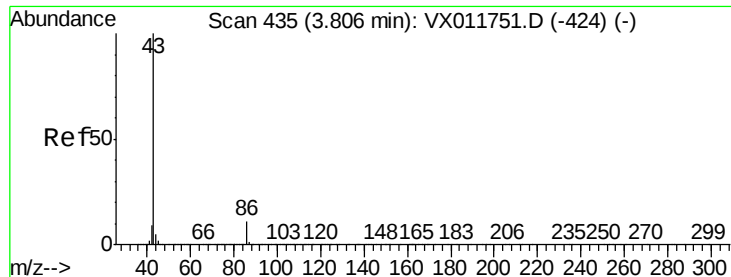
45 100

43 62.0 53.0 79.6

87 31.7 24.7 37.1

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 256.951 ug/l

RT: 3.81 min Scan# 435

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

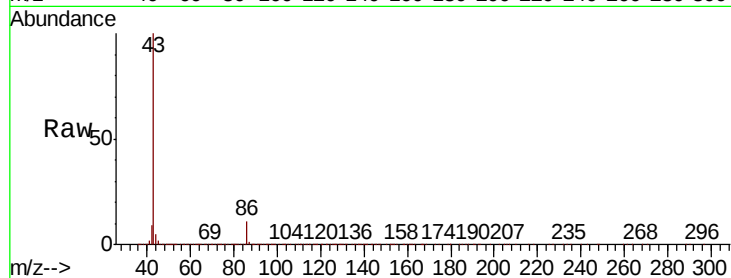
ICVVX082219

Tgt Ion: 43 Resp: 2139747

Ion Ratio Lower Upper

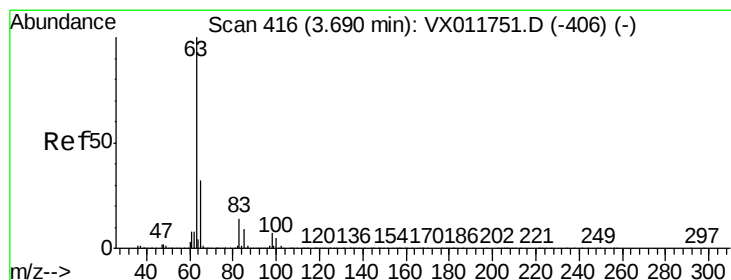
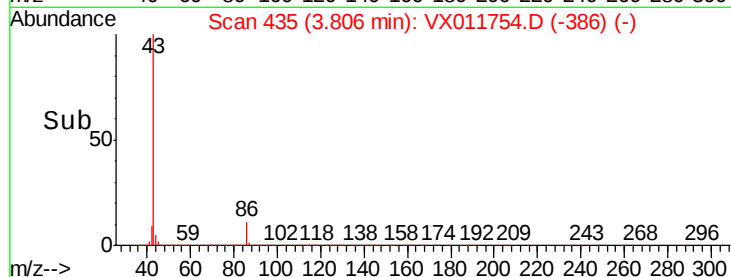
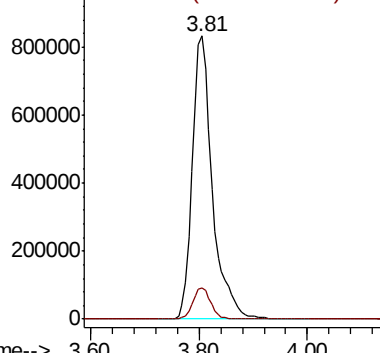
43 100

86 10.8 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.762 ug/l

RT: 3.68 min Scan# 415

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

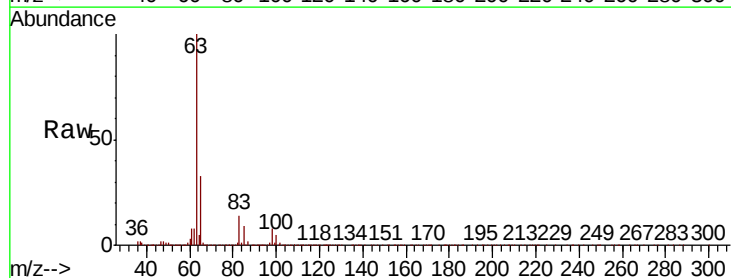
Tgt Ion: 63 Resp: 289566

Ion Ratio Lower Upper

63 100

98 7.7 3.7 11.1

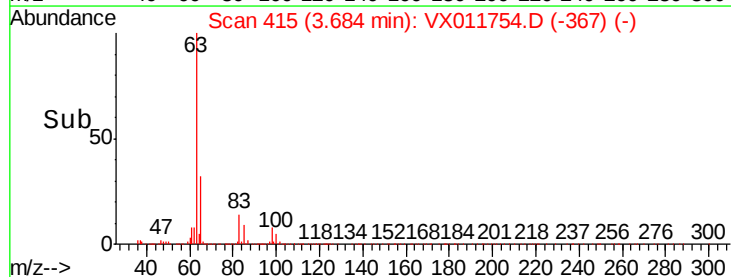
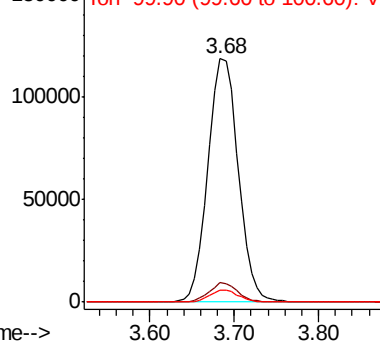
100 4.7 2.3 6.9

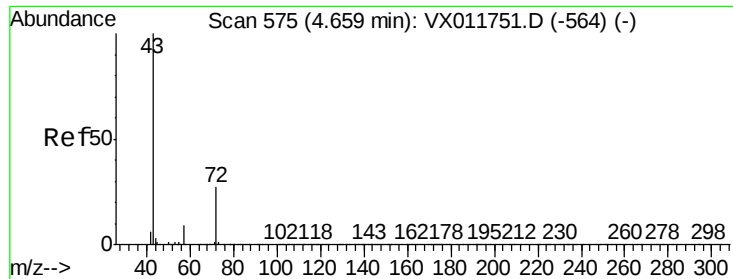


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 260.978 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

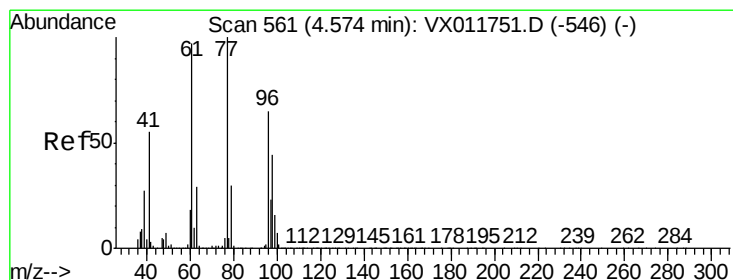
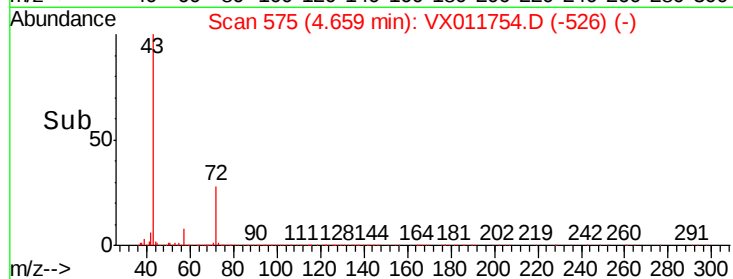
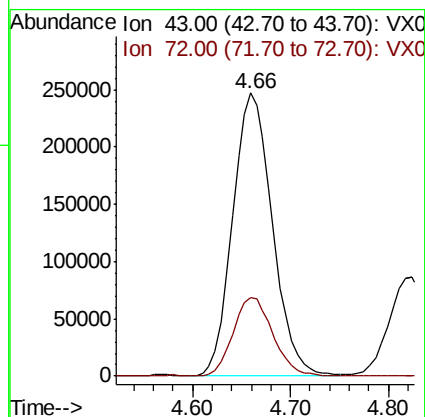
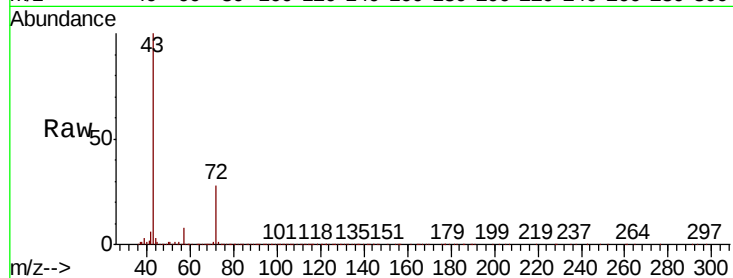
ICVVX082219

Tgt Ion: 43 Resp: 691133

Ion Ratio Lower Upper

43 100

72 27.6 21.8 32.6



#26

2,2-Dichloropropane

Concen: 51.361 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.00 min

Lab File: VX011754.D

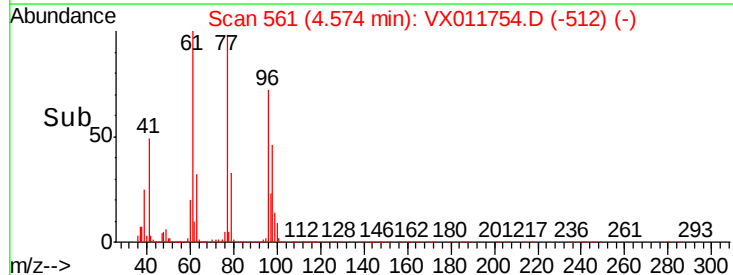
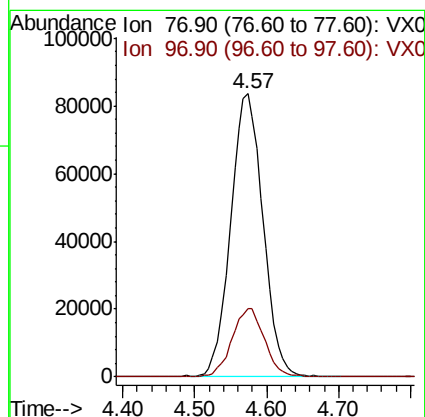
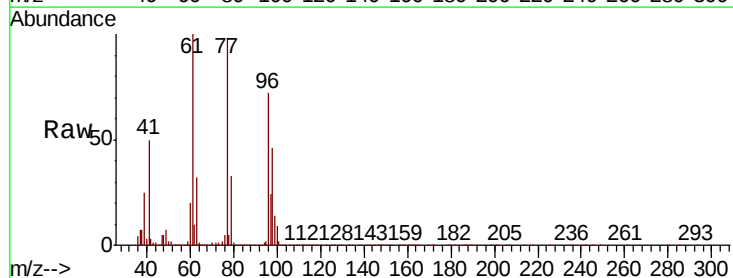
Acq: 22 Aug 2019 11:27

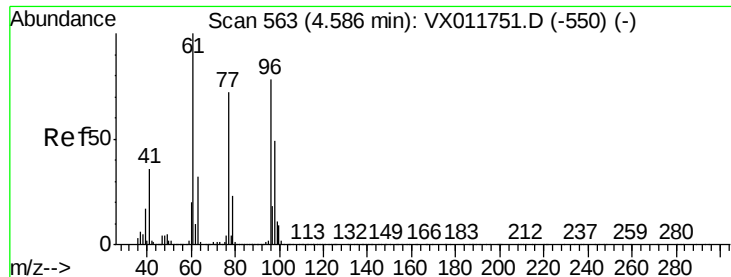
Tgt Ion: 77 Resp: 259012

Ion Ratio Lower Upper

77 100

97 24.2 12.2 36.6



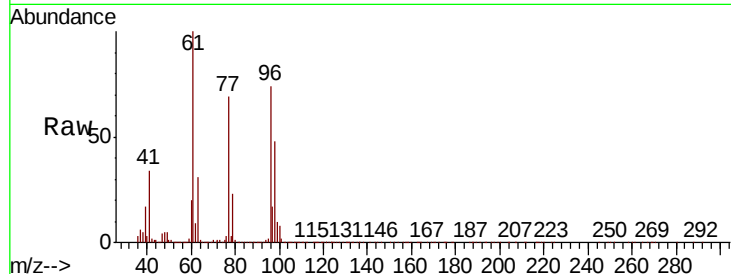


#27

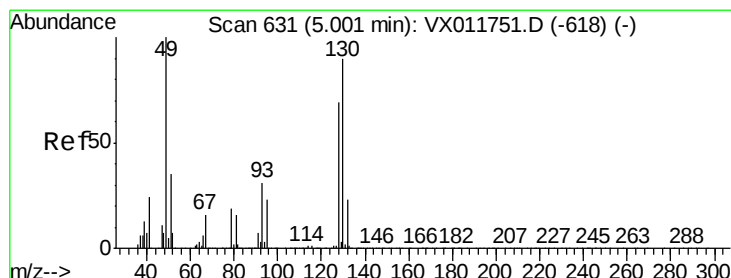
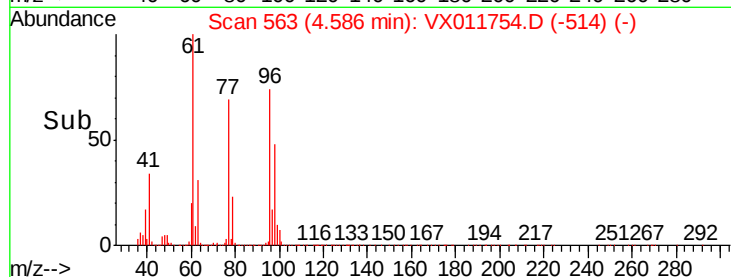
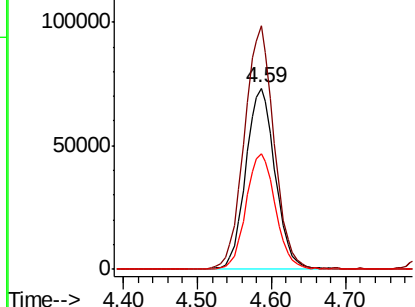
cis-1,2-Dichloroethene
Concen: 49.520 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tgt Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	275.8
98	64.2	0.0	128.2



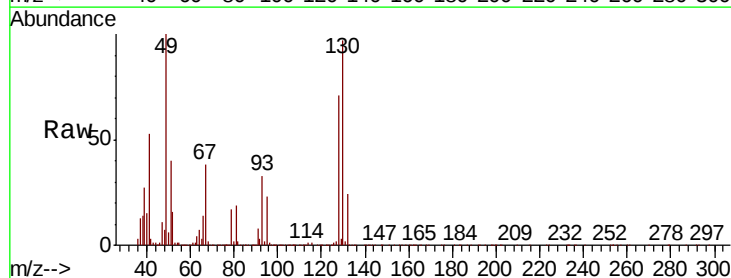
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



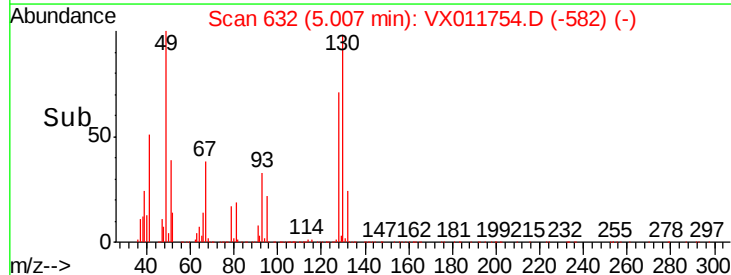
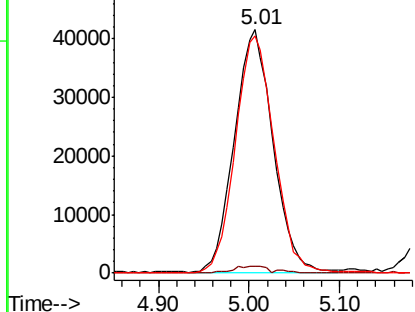
#28

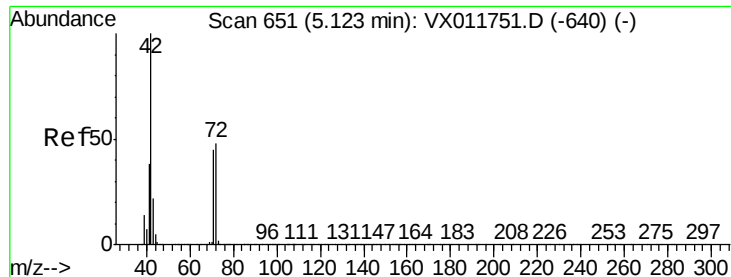
Bromochloromethane
Concen: 45.343 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.8
130	98.4	76.8	115.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 252.044 ug/l

RT: 5.12 min Scan# 650

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

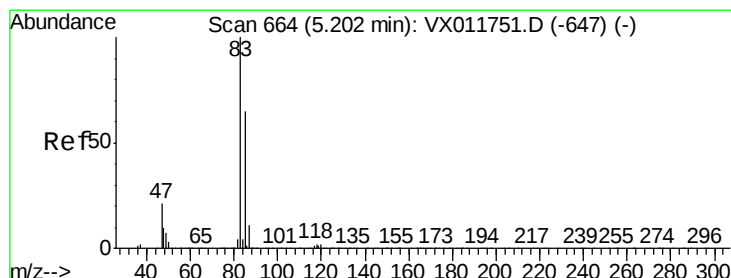
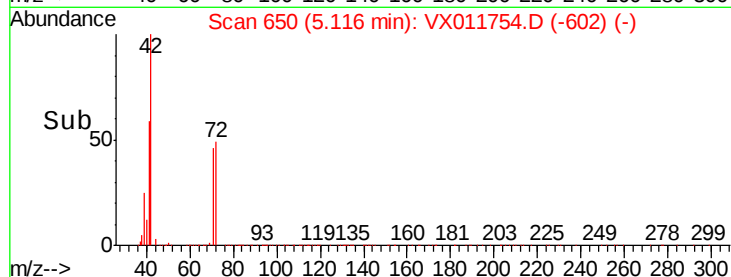
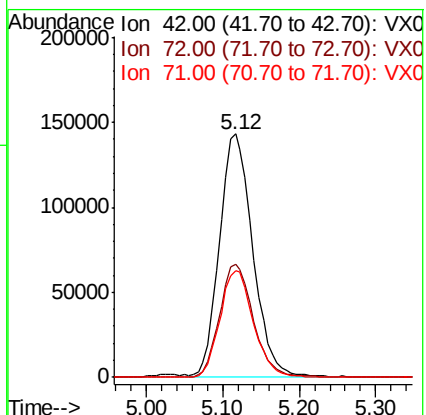
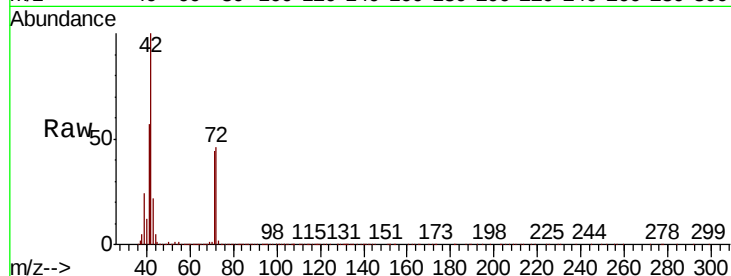
Tgt Ion: 42 Resp: 427867

Ion Ratio Lower Upper

42 100

72 47.2 37.6 56.4

71 44.3 34.6 51.8



#30

Chloroform

Concen: 48.999 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.00 min

Lab File: VX011754.D

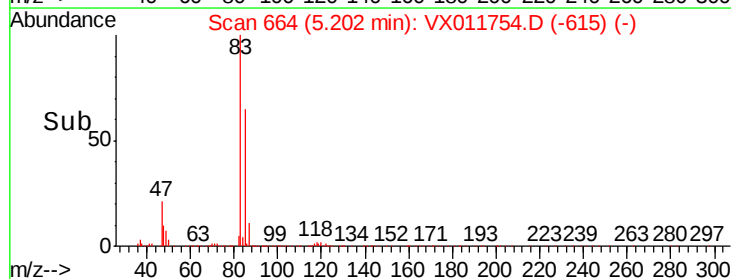
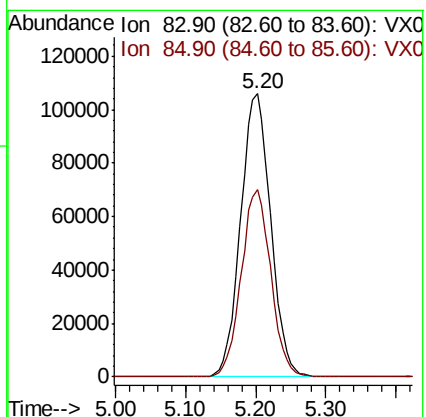
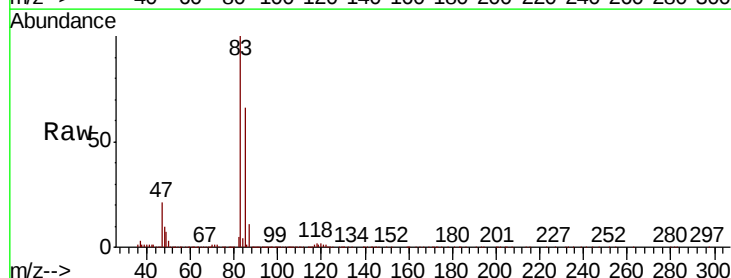
Acq: 22 Aug 2019 11:27

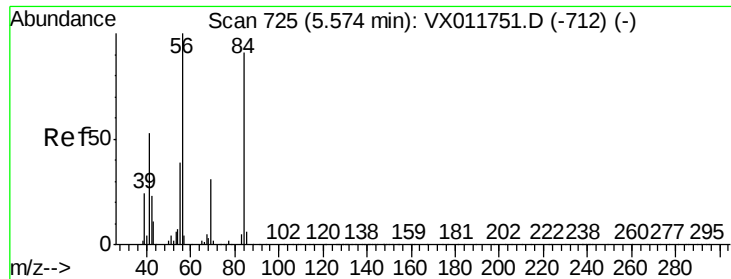
Tgt Ion: 83 Resp: 315688

Ion Ratio Lower Upper

83 100

85 66.0 51.8 77.8

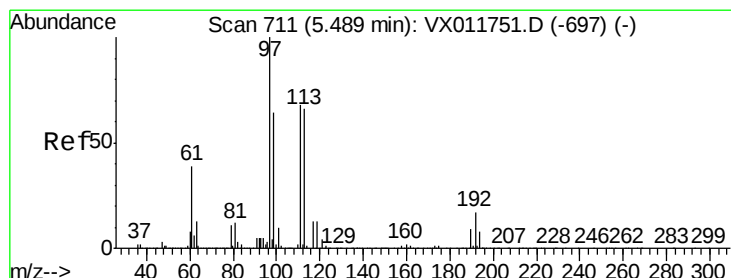
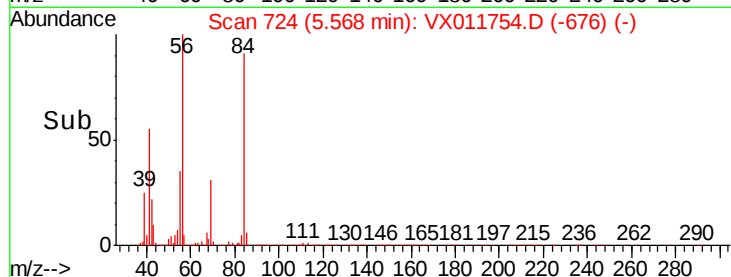
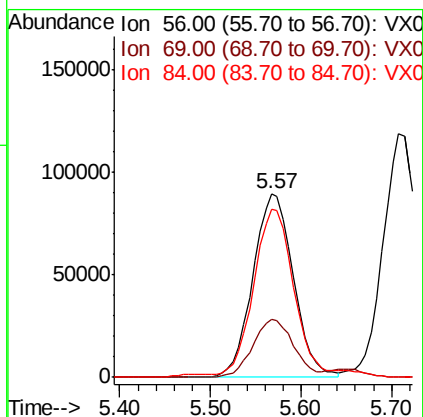
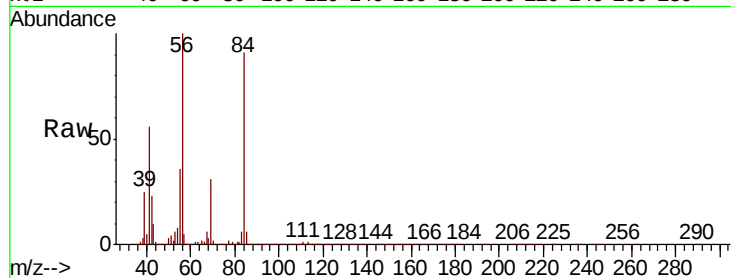




#31
Cyclohexane
Concen: 52.892 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

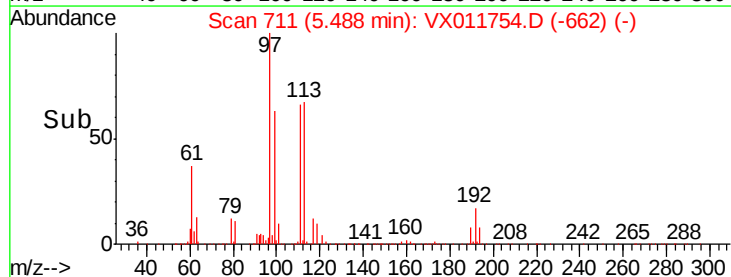
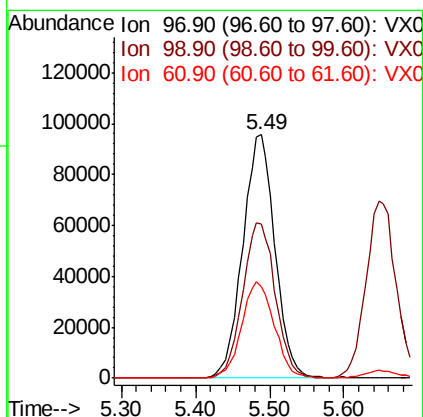
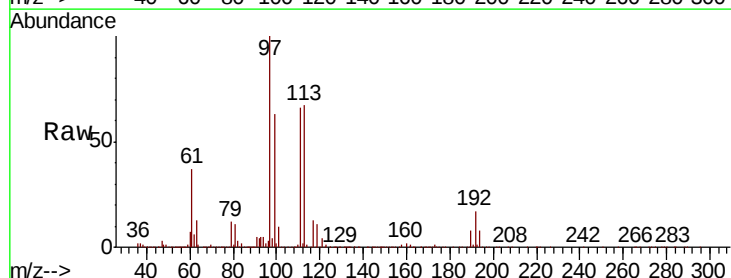
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

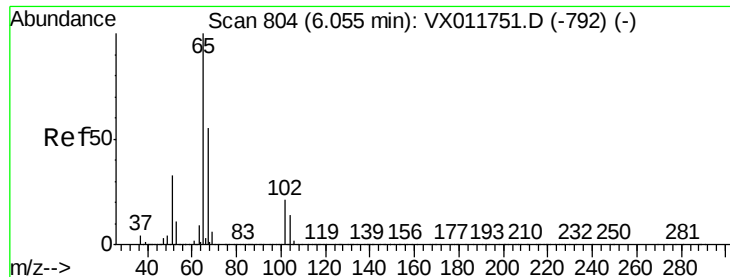
Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.5	36.7
84	89.6	72.7	109.1



#32
1,1,1-Trichloroethane
Concen: 51.828 ug/l
RT: 5.49 min Scan# 711
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.4	77.0
61	39.4	31.6	47.4





#33

1,2-Dichloroethane-d4

Concen: 46.697 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

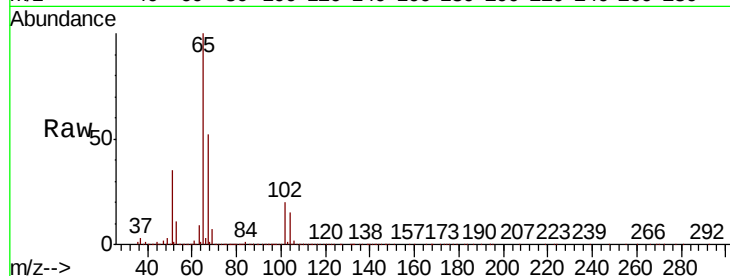
ICVVX082219

Tgt Ion: 65 Resp: 198059

Ion Ratio Lower Upper

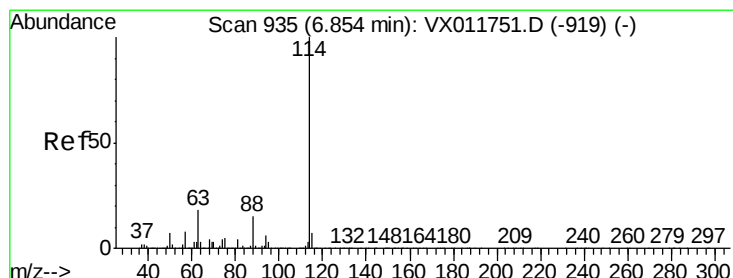
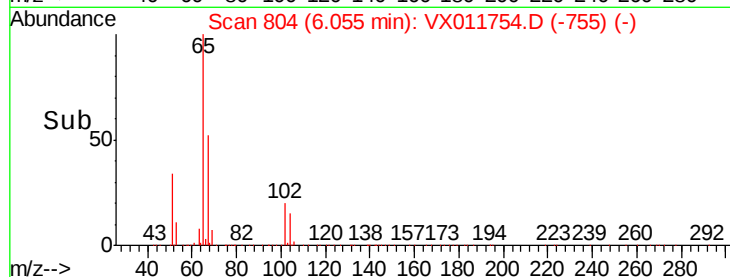
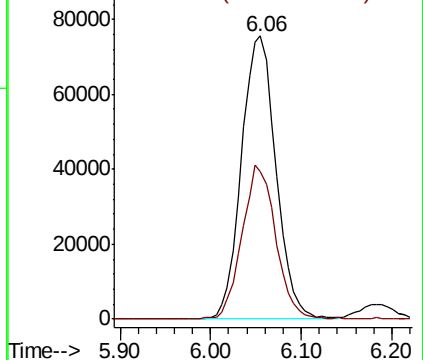
65 100

67 53.4 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 934

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

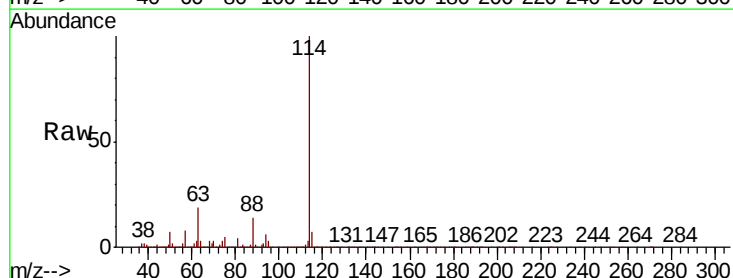
Tgt Ion: 114 Resp: 555304

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.8

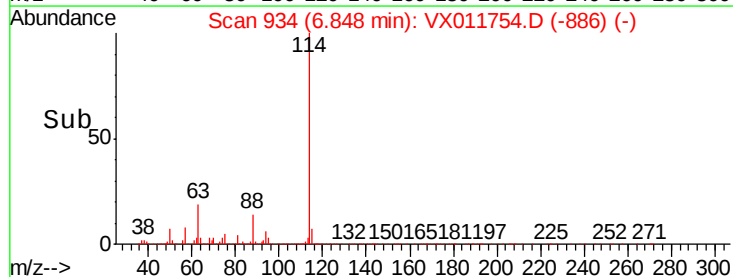
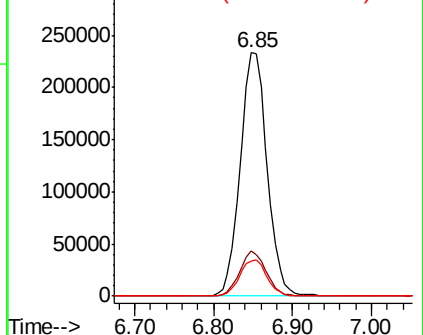
88 14.4 0.0 30.2

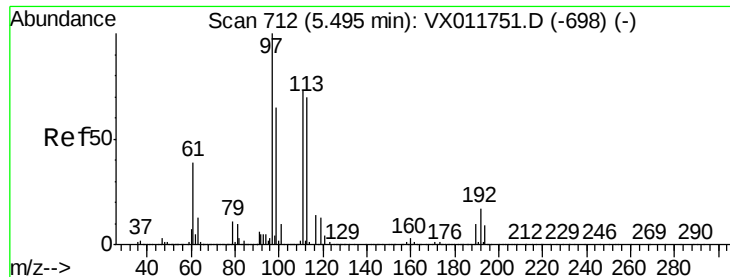


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.501 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

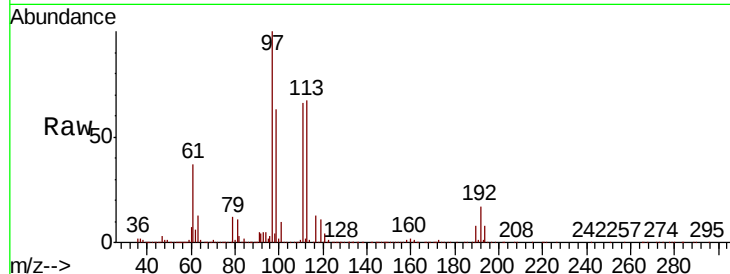
Tgt Ion:113 Resp: 181340

Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

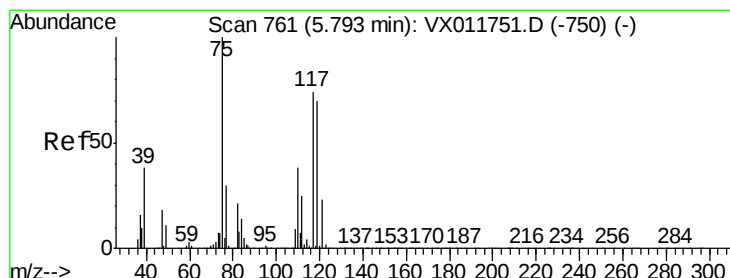
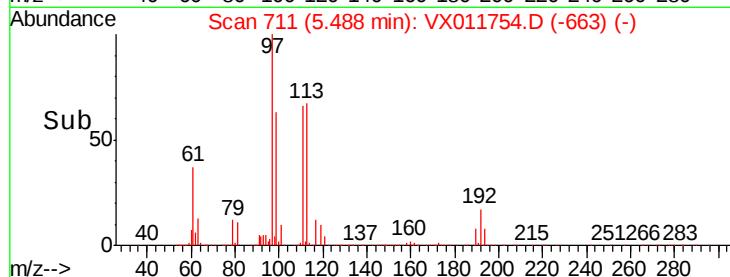
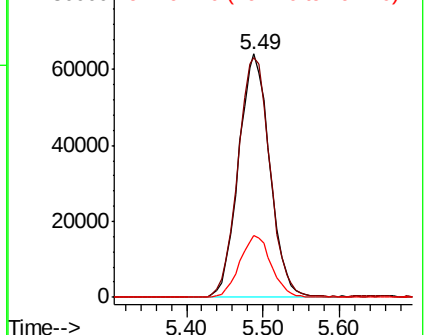
192 25.7 19.9 29.9



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: 54.307 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

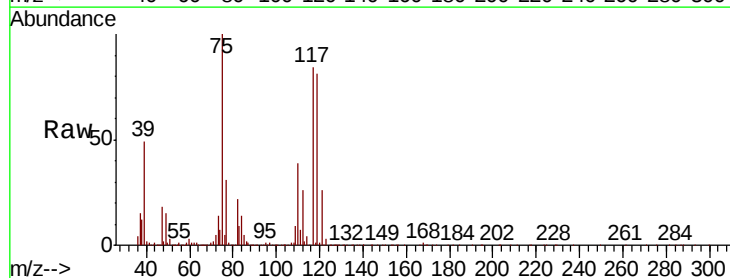
Tgt Ion: 75 Resp: 236486

Ion Ratio Lower Upper

75 100

110 39.9 19.0 57.0

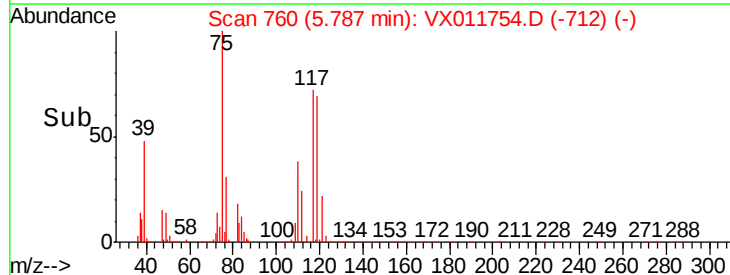
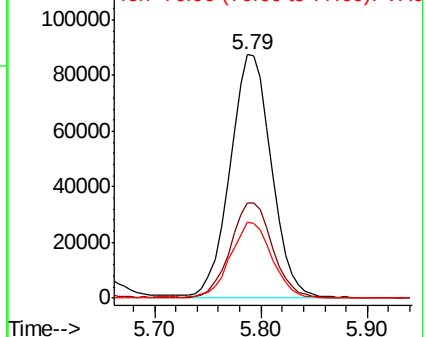
77 31.1 24.6 36.8

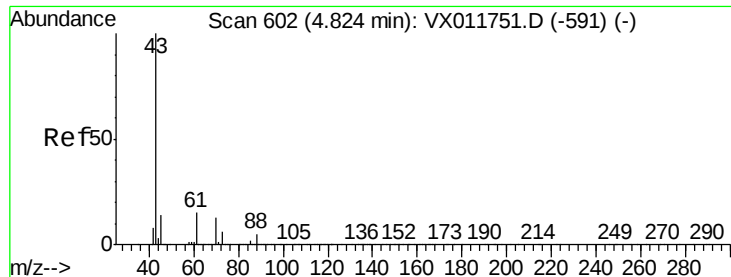


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

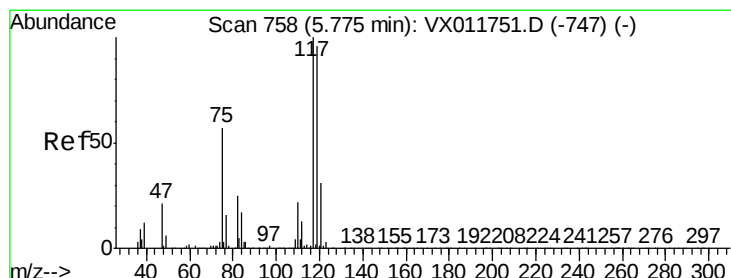
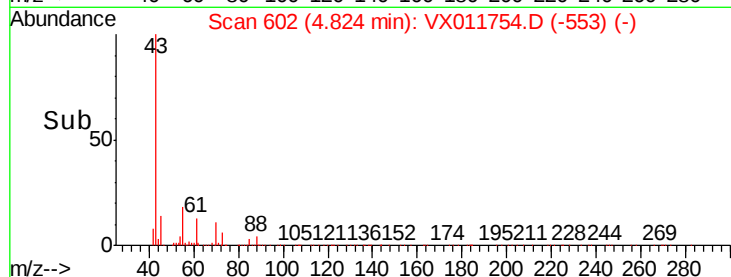
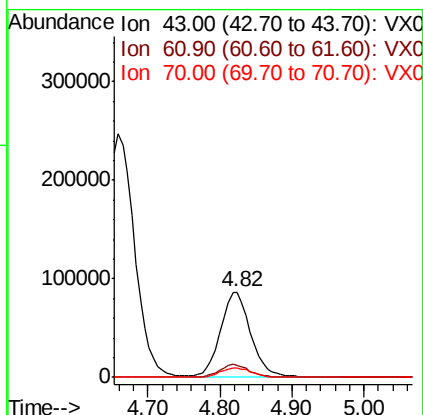
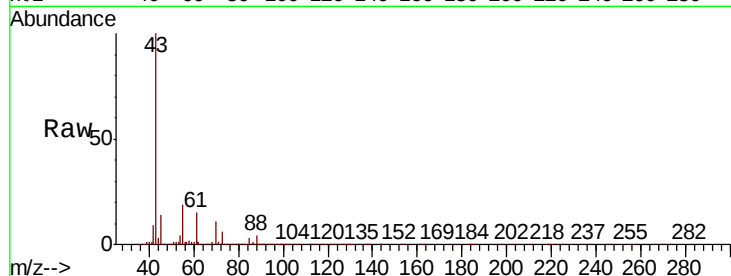




#37
Ethyl Acetate
Concen: 54.397 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

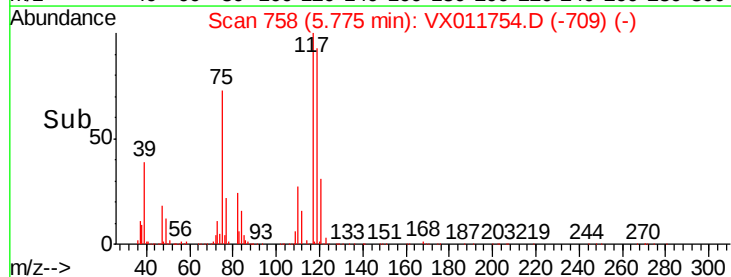
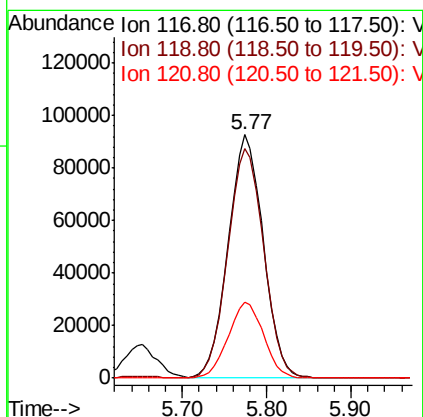
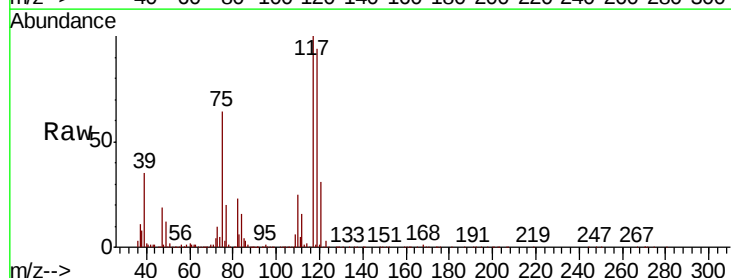
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

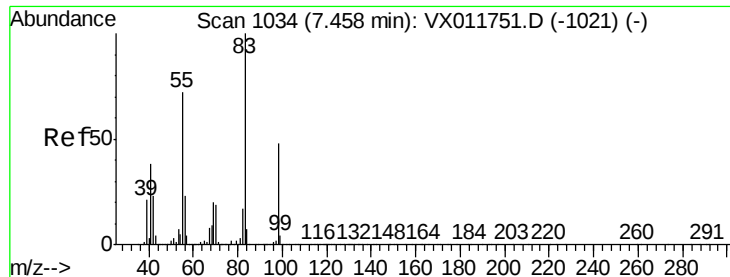
Tgt Ion: 43 Resp: 250672
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.5 9.5 14.3



#38
Carbon Tetrachloride
Concen: 52.963 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 117 Resp: 261376
Ion Ratio Lower Upper
117 100
119 94.0 76.6 114.8
121 31.2 25.2 37.8

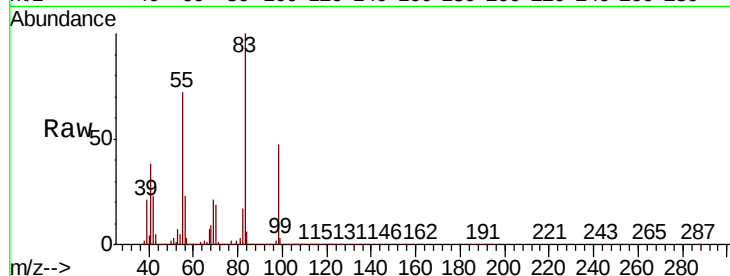




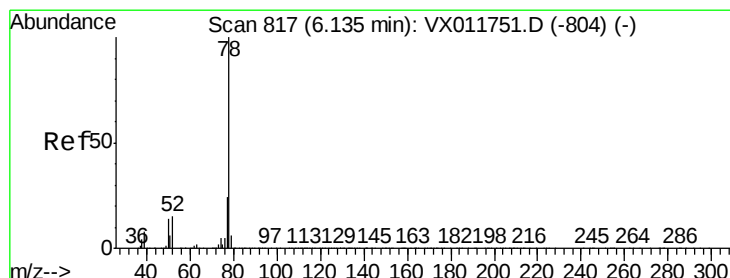
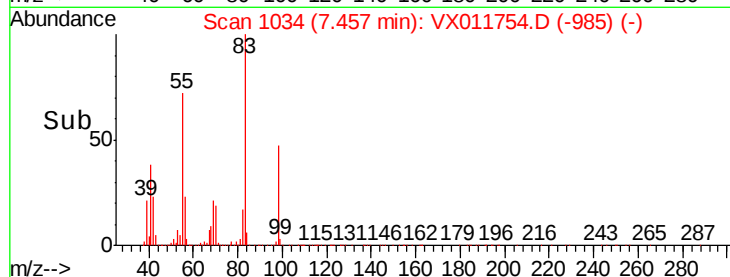
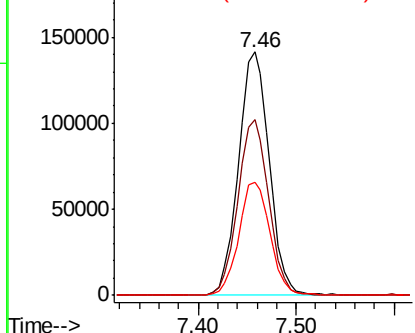
#39
Methylcyclohexane
Concen: 57.149 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.1	57.8	86.6
98	46.5	38.6	58.0

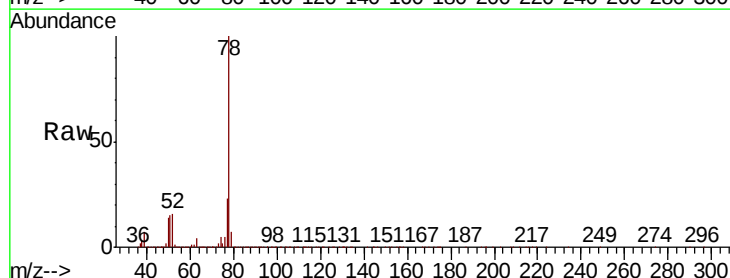


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

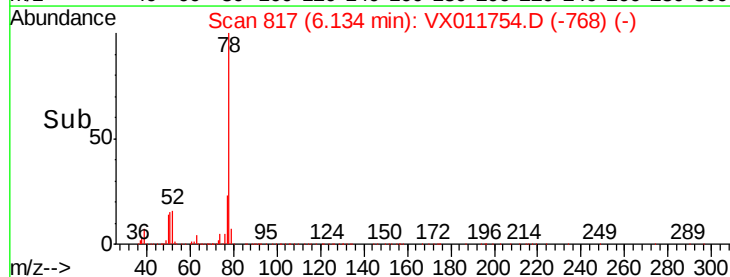
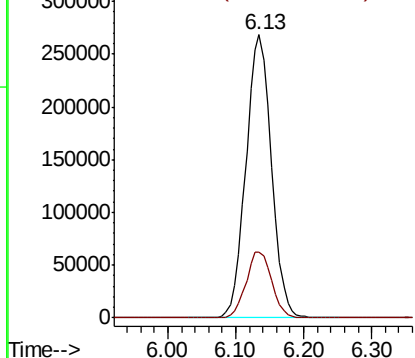


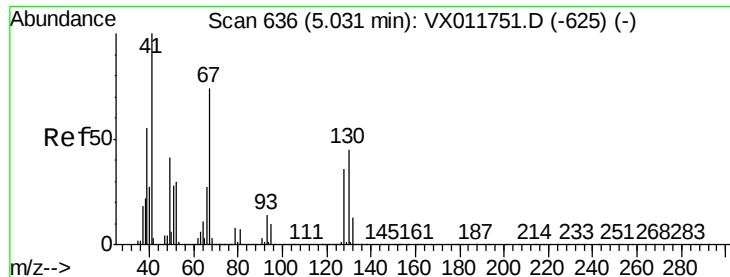
#40
Benzene
Concen: 51.934 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.1	28.7



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





#41

Methacrylonitrile

Concen: 49.113 ug/l

RT: 5.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

Tgt Ion: 41 Resp: 131625

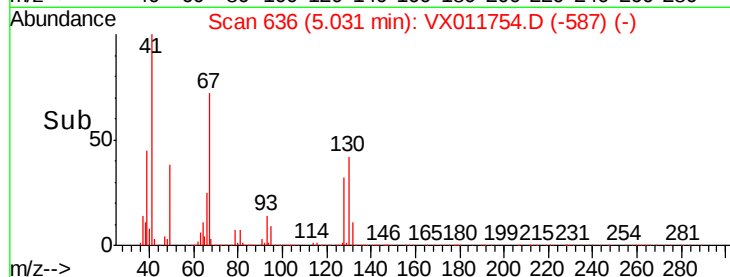
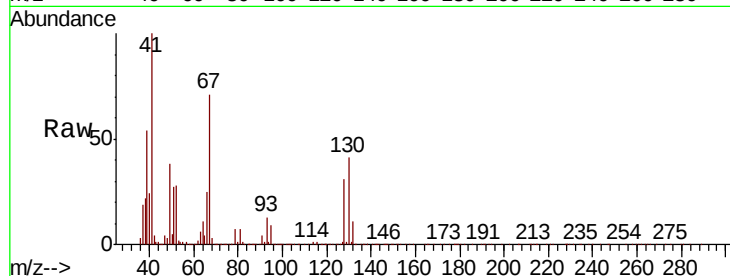
Ion Ratio Lower Upper

41 100

39 56.9 44.3 66.5

67 75.0 60.3 90.5

52 30.6 24.0 36.0

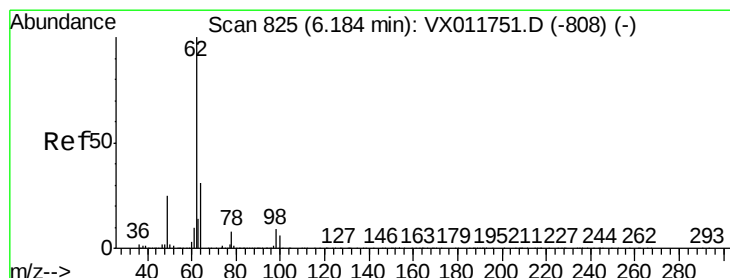
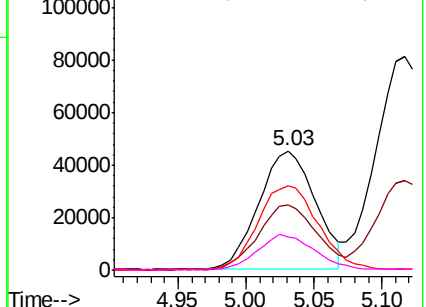


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.886 ug/l

RT: 6.18 min Scan# 825

Delta R.T. -0.00 min

Lab File: VX011754.D

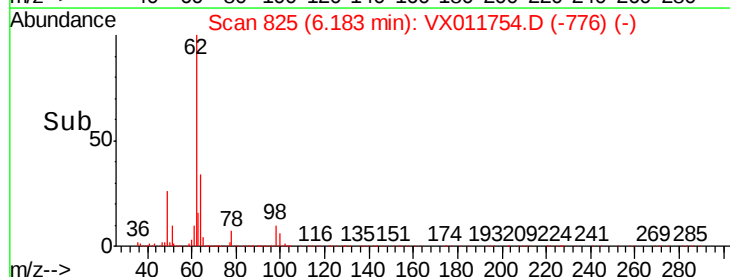
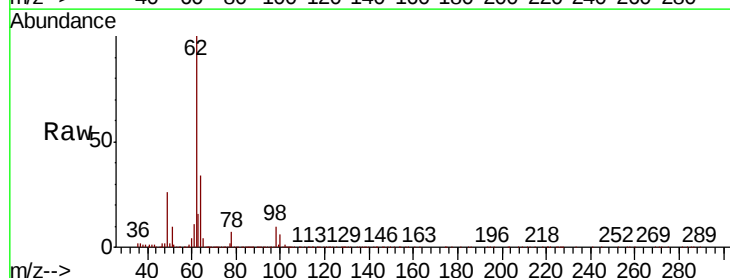
Acq: 22 Aug 2019 11:27

Tgt Ion: 62 Resp: 240728

Ion Ratio Lower Upper

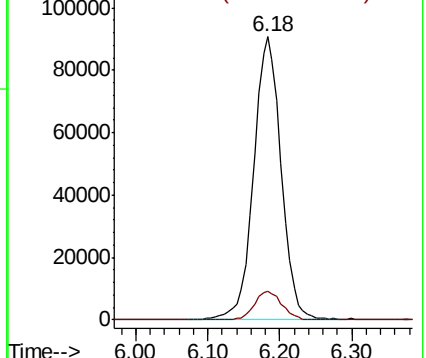
62 100

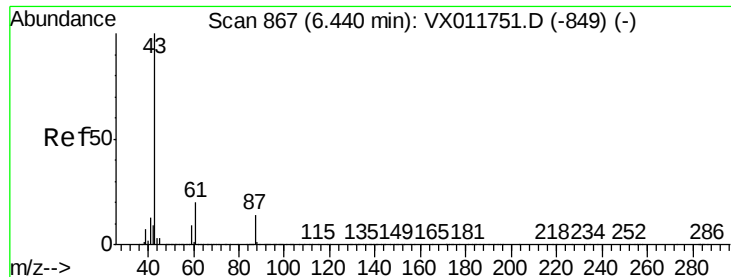
98 10.0 0.0 18.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 53.018 ug/l

RT: 6.43 min Scan# 866

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

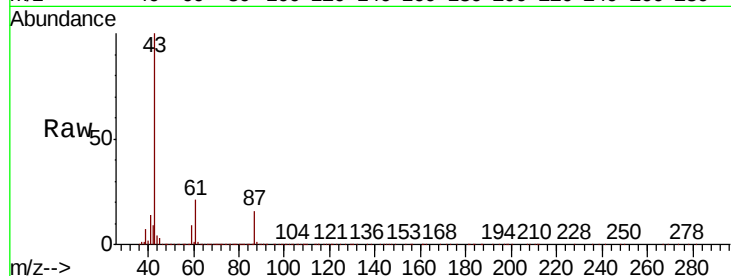
Tgt Ion: 43 Resp: 395437

Ion Ratio Lower Upper

43 100

61 21.2 16.2 24.2

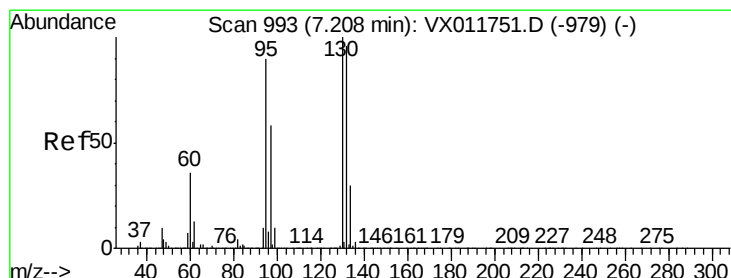
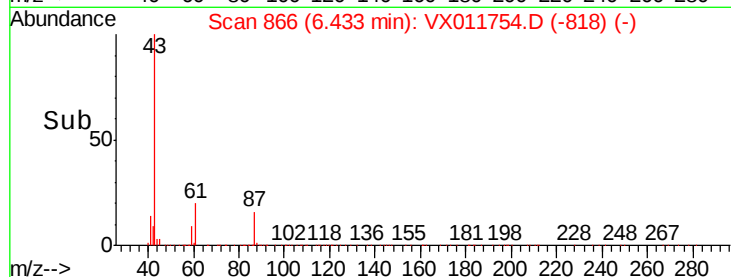
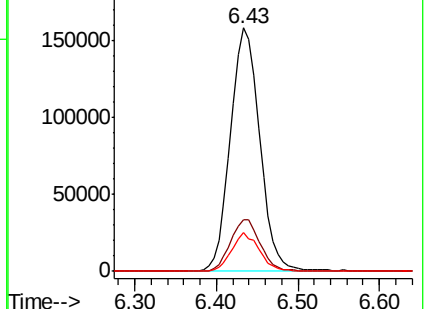
87 14.8 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.726 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.00 min

Lab File: VX011754.D

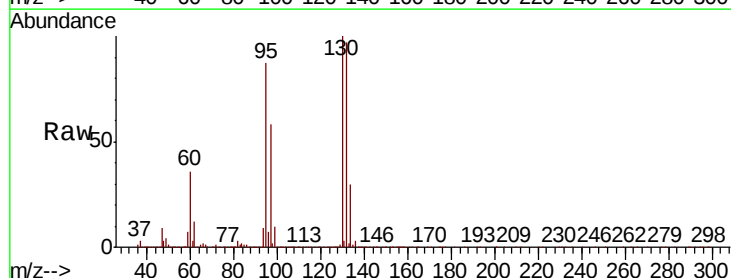
Acq: 22 Aug 2019 11:27

Tgt Ion: 130 Resp: 214790

Ion Ratio Lower Upper

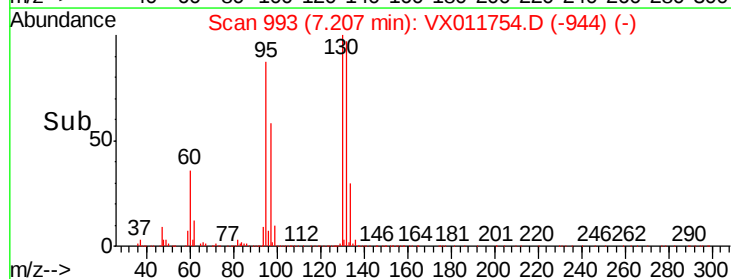
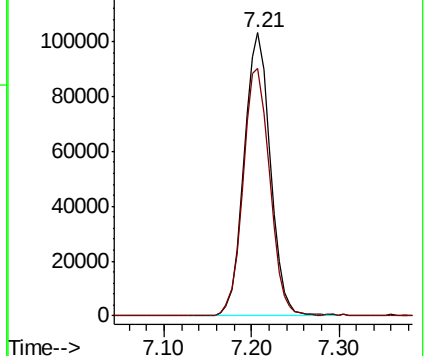
130 100

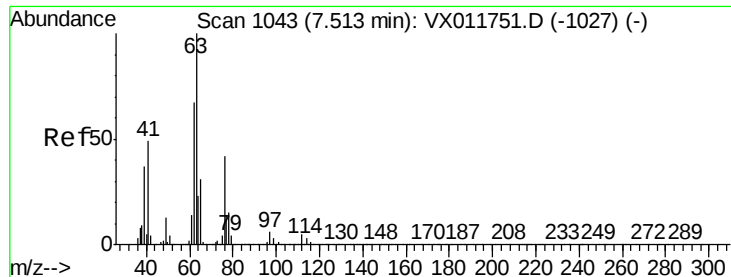
95 87.2 0.0 179.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.222 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

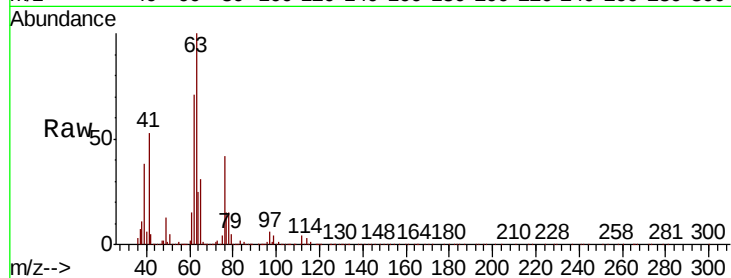
ICVVX082219

Tgt Ion: 63 Resp: 176817

Ion Ratio Lower Upper

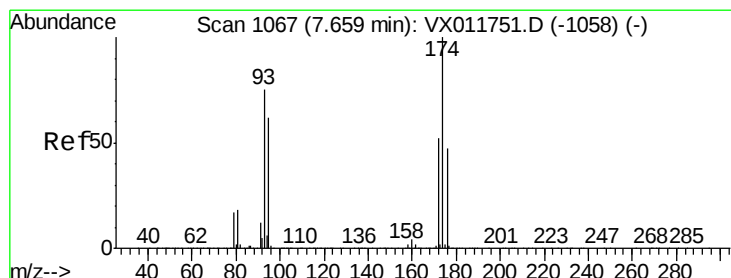
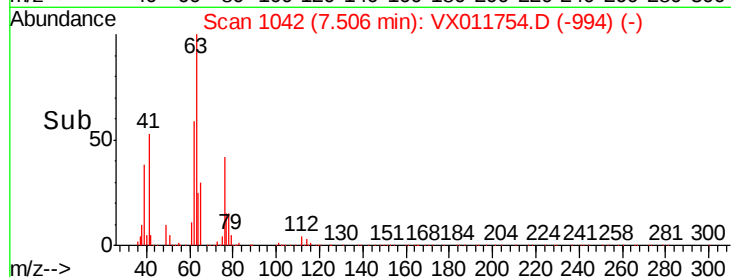
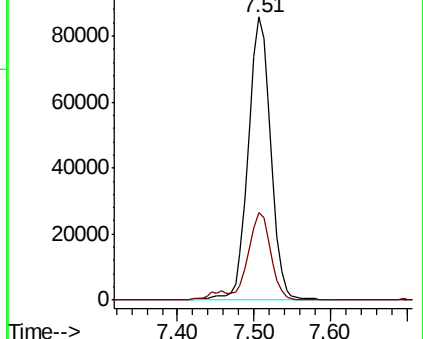
63 100

65 31.0 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.040 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

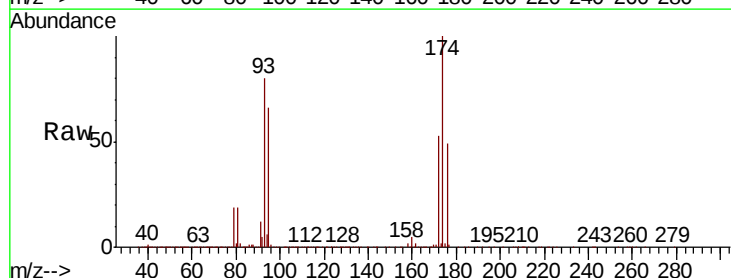
Tgt Ion: 93 Resp: 124914

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.2

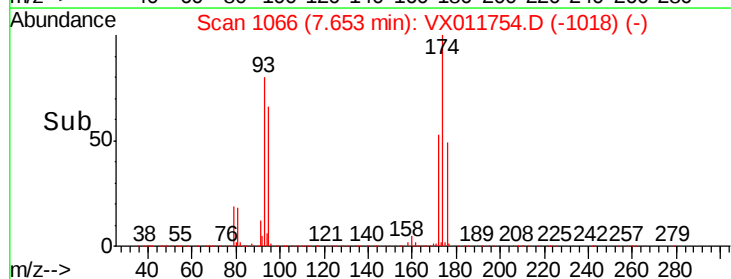
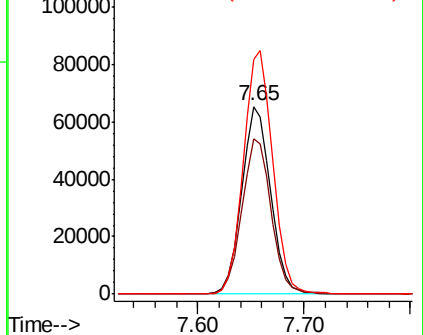
174 131.7 104.2 156.4

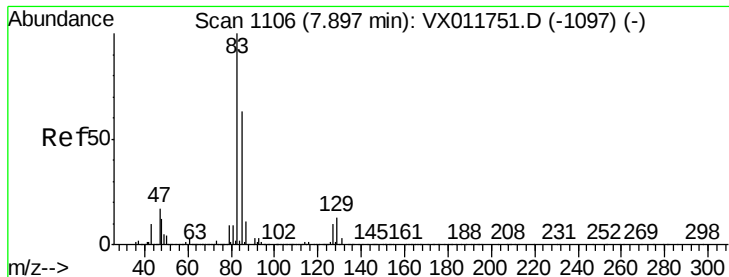


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.992 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

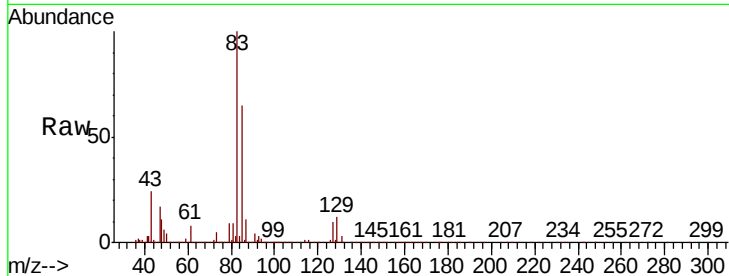
Tgt Ion: 83 Resp: 238130

Ion Ratio Lower Upper

83 100

85 65.2 50.6 76.0

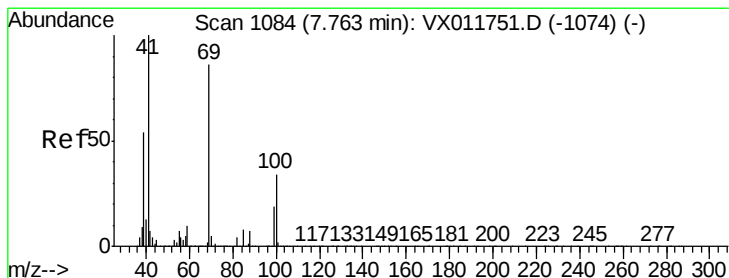
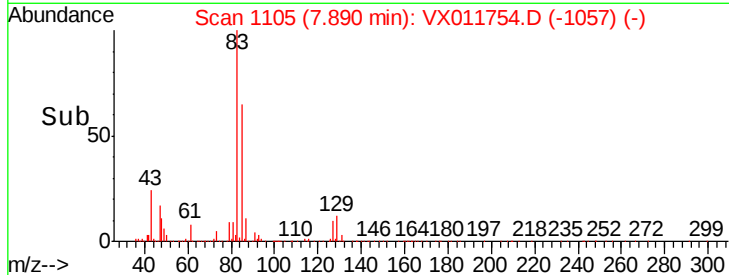
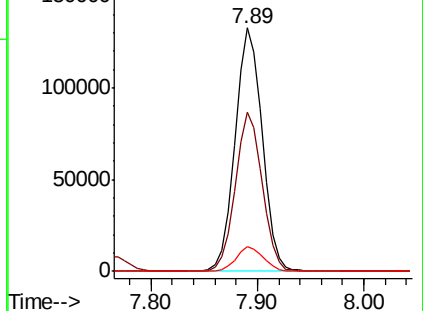
127 9.9 8.4 12.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 53.787 ug/l

RT: 7.76 min Scan# 1084

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

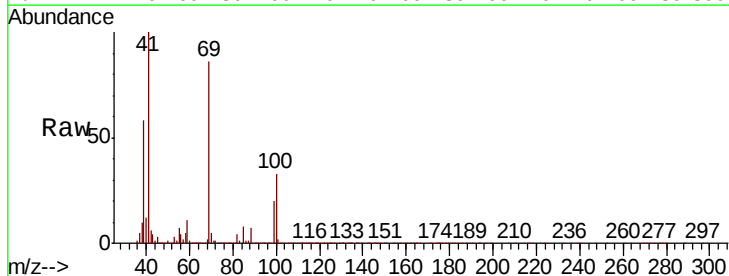
Tgt Ion: 41 Resp: 199650

Ion Ratio Lower Upper

41 100

69 85.2 69.4 104.2

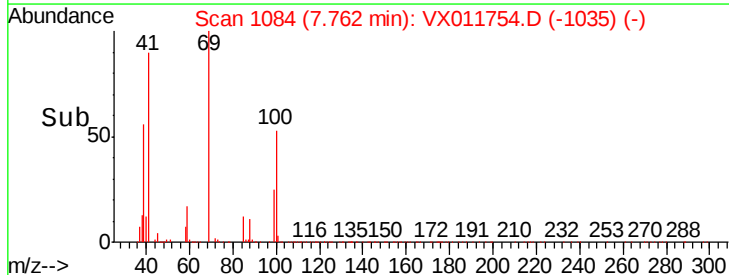
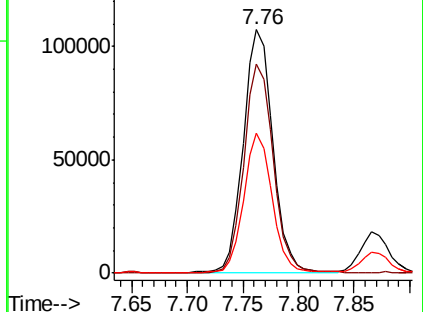
39 54.0 43.6 65.4

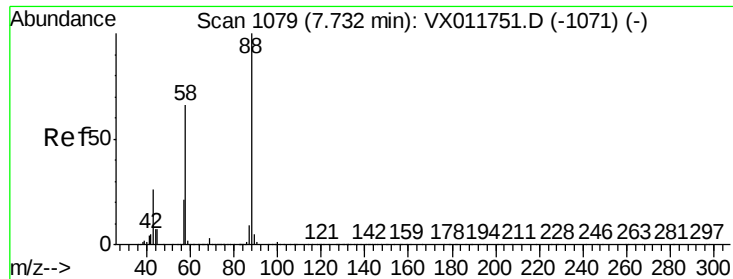


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 943.155 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

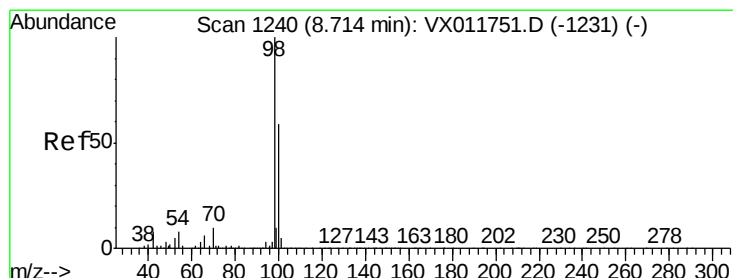
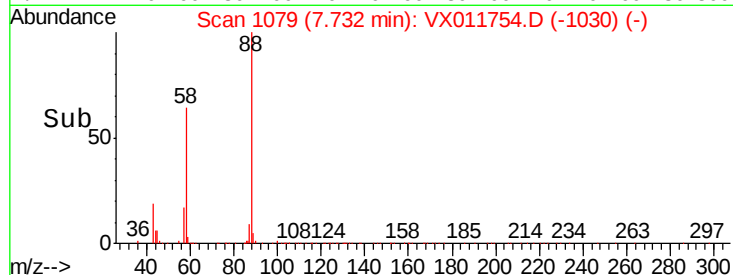
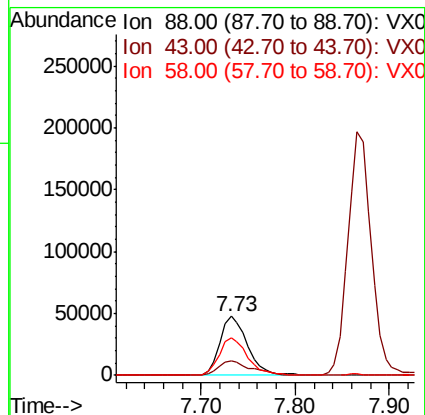
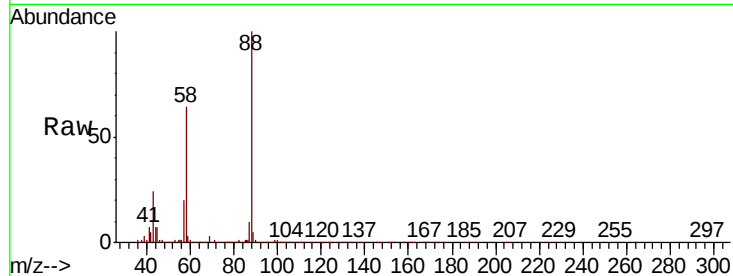
Tgt Ion: 88 Resp: 96998

Ion Ratio Lower Upper

88 100

43 28.0 24.6 37.0

58 65.1 51.4 77.2



#50

Toluene-d8

Concen: 53.041 ug/l

RT: 8.71 min Scan# 1239

Delta R.T. -0.01 min

Lab File: VX011754.D

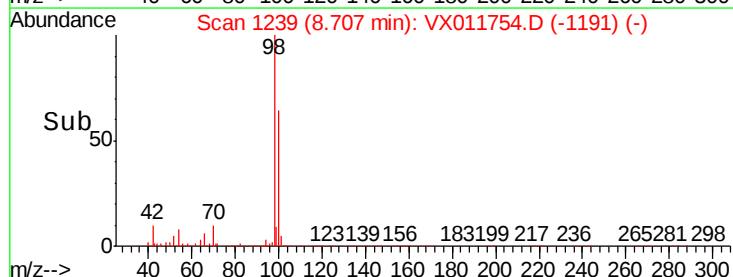
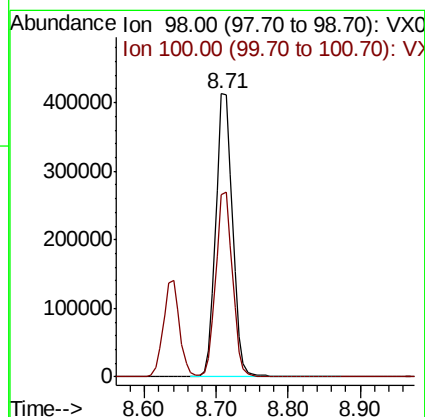
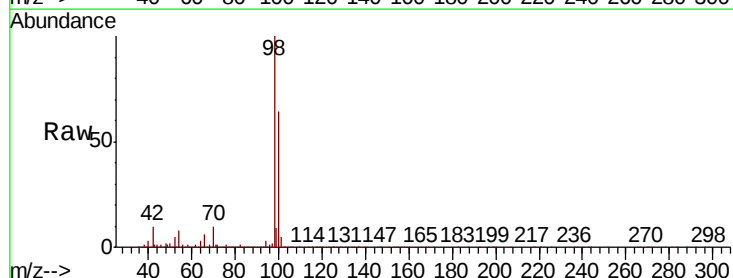
Acq: 22 Aug 2019 11:27

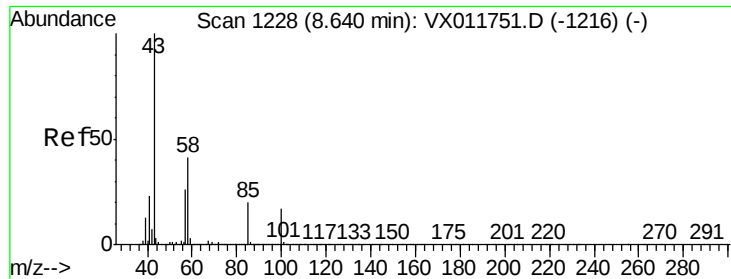
Tgt Ion: 98 Resp: 664331

Ion Ratio Lower Upper

98 100

100 65.1 52.1 78.1

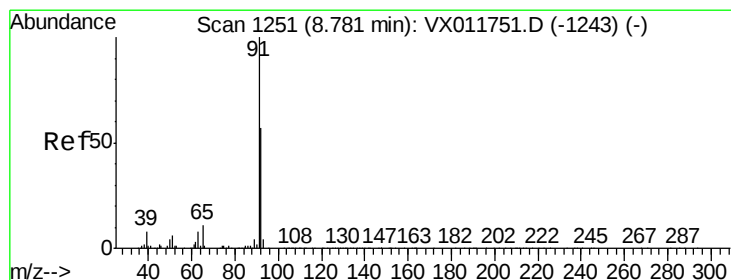
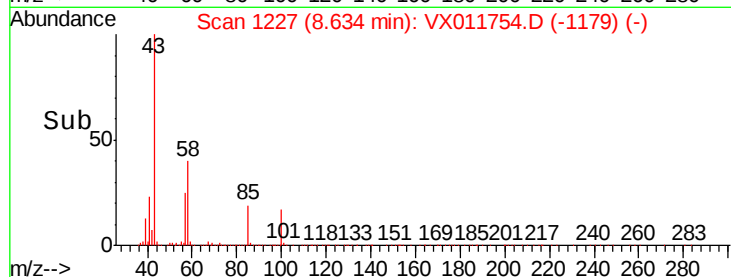
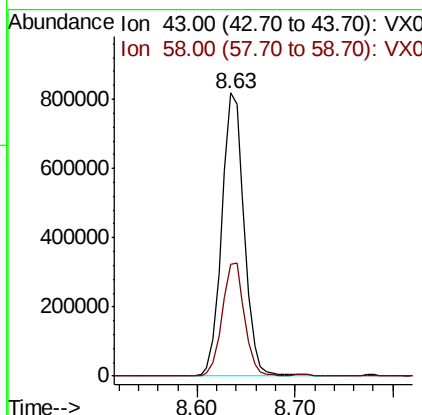
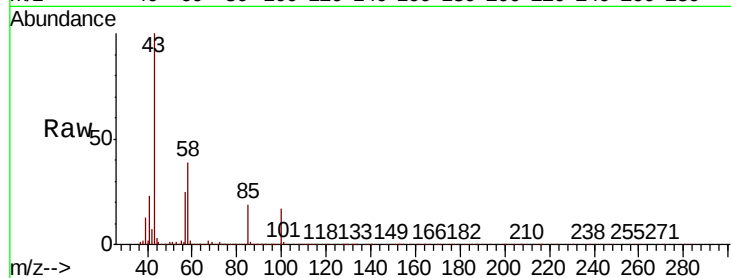




#51
 4-Methyl-2-Pentanone
 Concen: 264.300 ug/l
 RT: 8.63 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

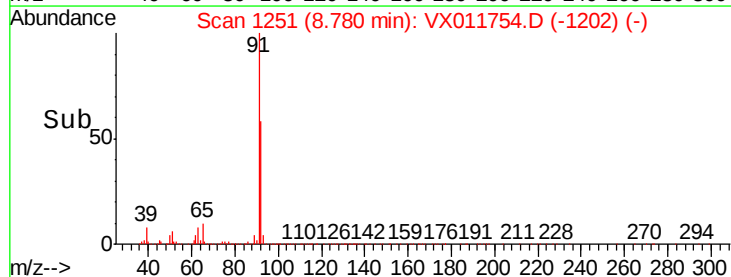
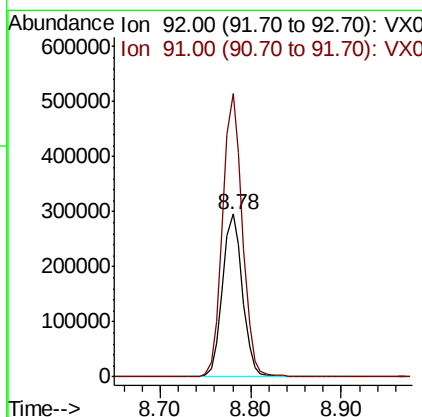
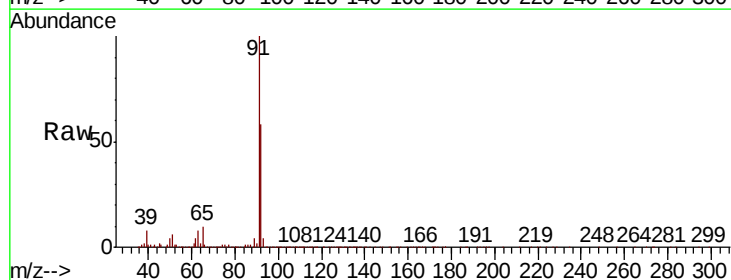
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

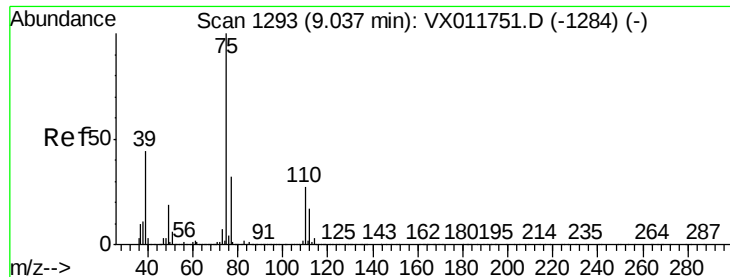
Tgt Ion: 43 Resp: 1298930
 Ion Ratio Lower Upper
 43 100
 58 39.8 31.8 47.6



#52
 Toluene
 Concen: 52.196 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion: 92 Resp: 455002
 Ion Ratio Lower Upper
 92 100
 91 172.3 138.6 207.8





#53

t-1,3-Dichloropropene

Concen: 55.913 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

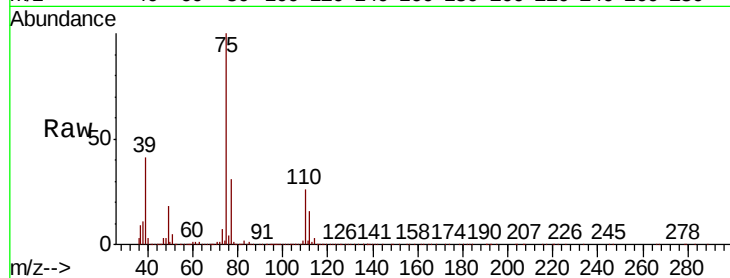
ICVVX082219

Tgt Ion: 75 Resp: 263762

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

150000

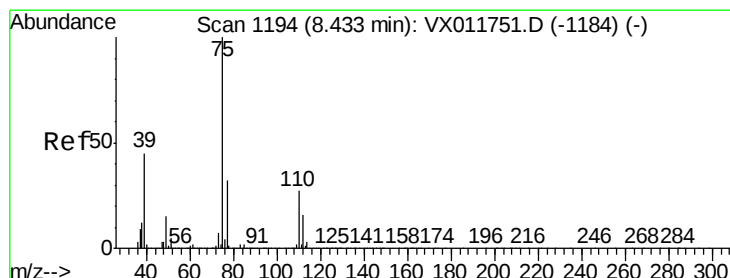
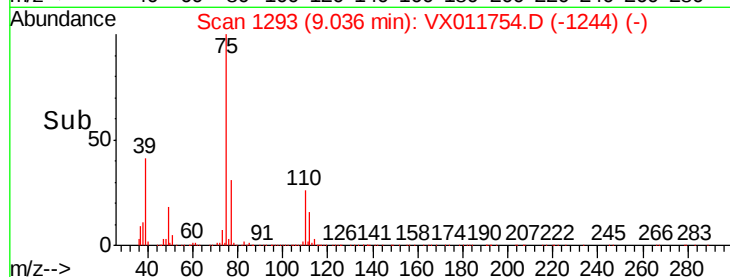
100000

50000

0

Time-->

9.00 9.10 9.20



#54

cis-1,3-Dichloropropene

Concen: 55.218 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

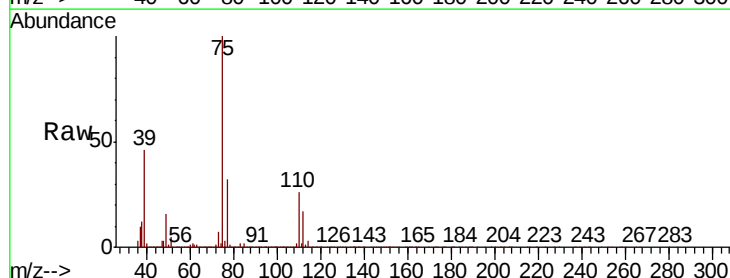
Tgt Ion: 75 Resp: 284167

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 45.5 36.2 54.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

200000

150000

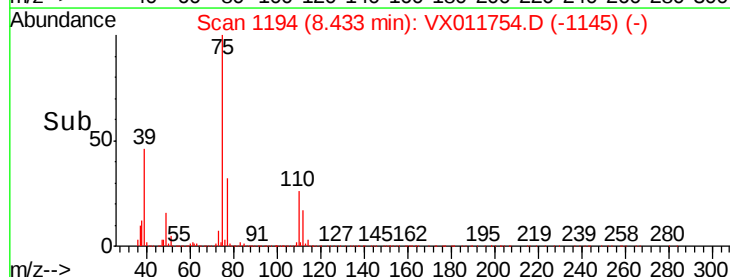
100000

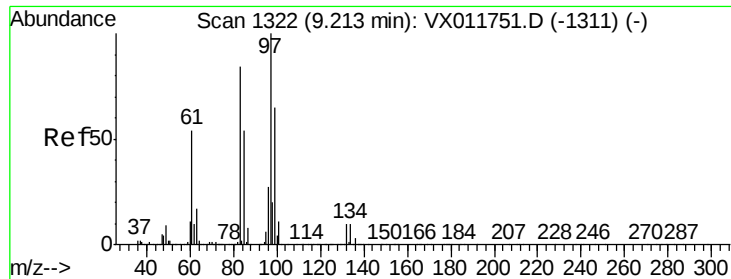
50000

0

Time-->

8.30 8.40 8.50

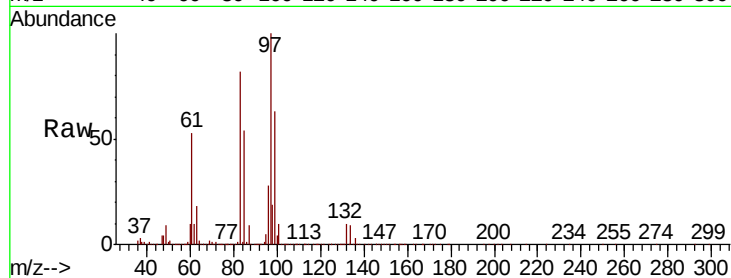




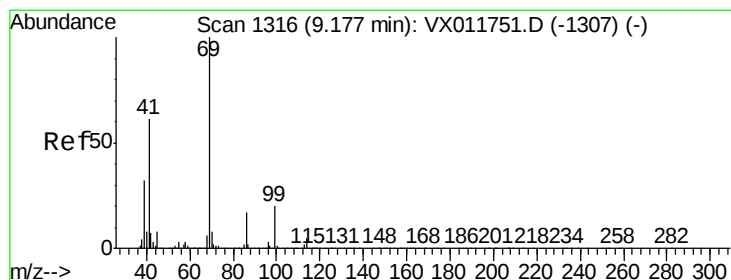
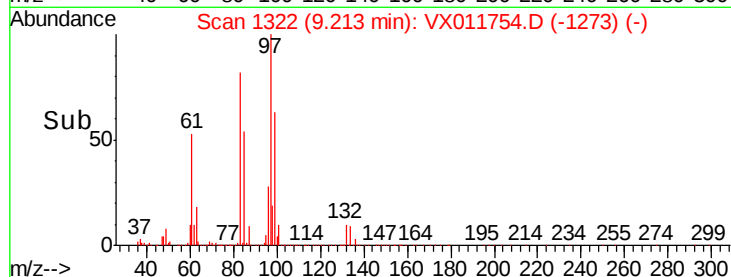
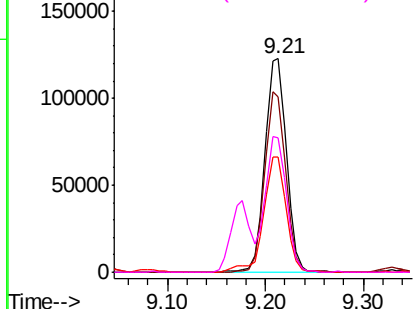
#55
 1,1,2-Trichloroethane
 Concen: 51.371 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

Tgt Ion:	97	Resp:	186569
Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.3	100.9
85	54.0	43.4	65.2
99	62.8	51.8	77.6

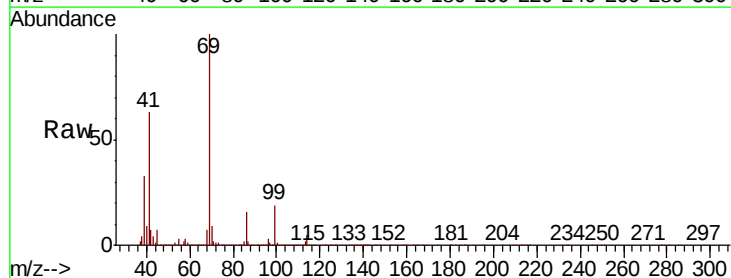


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

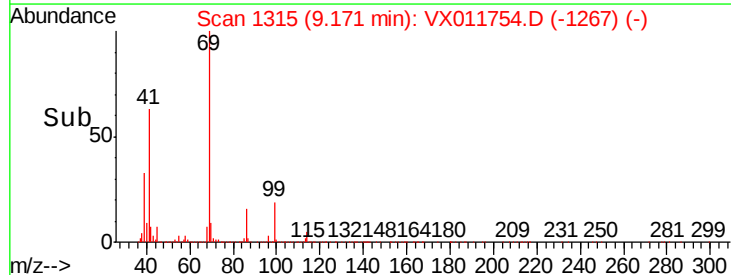
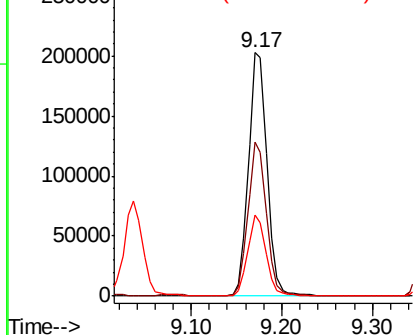


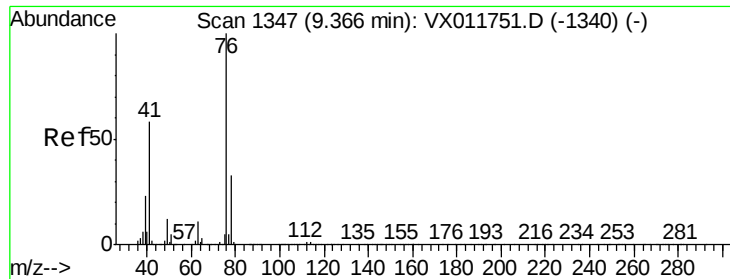
#56
 Ethyl methacrylate
 Concen: 55.577 ug/l
 RT: 9.17 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion:	69	Resp:	287057
Ion	Ratio	Lower	Upper
69	100		
41	63.0	50.7	76.1
39	32.7	26.4	39.6



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





#57

1,3-Dichloropropane

Concen: 50.031 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

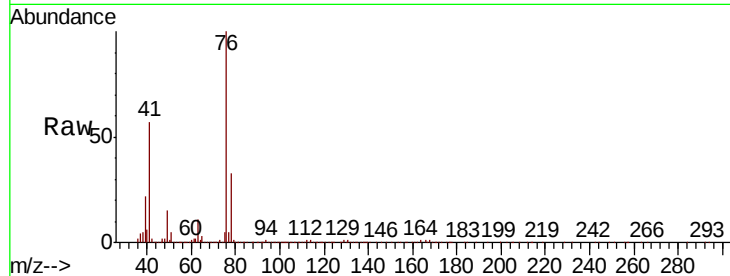
ICVVX082219

Tgt Ion: 76 Resp: 293395

Ion Ratio Lower Upper

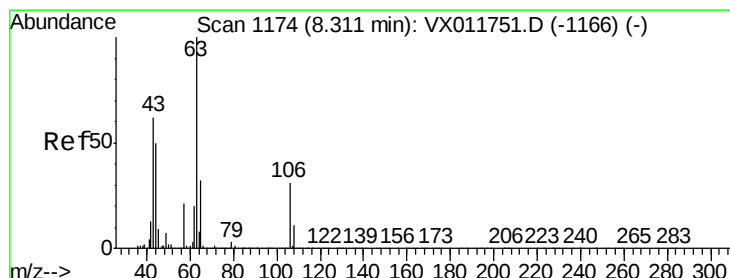
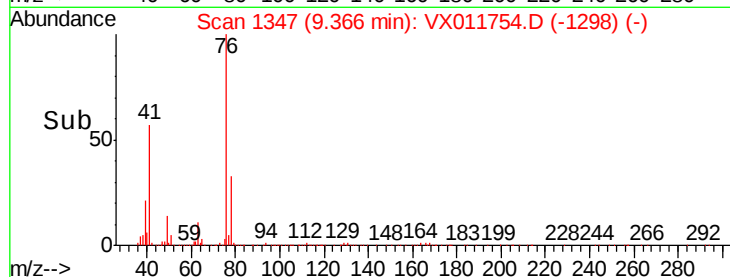
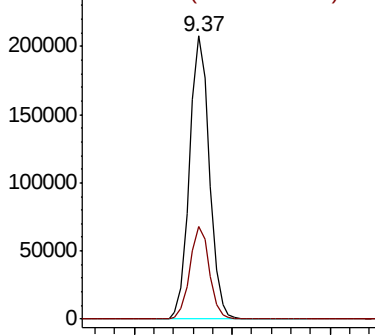
76 100

78 32.0 26.6 39.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 286.771 ug/l

RT: 8.30 min Scan# 1173

Delta R.T. -0.01 min

Lab File: VX011754.D

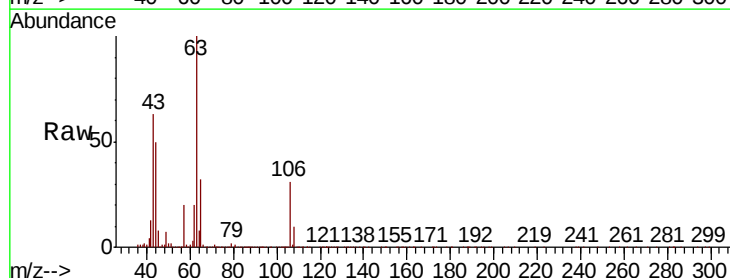
Acq: 22 Aug 2019 11:27

Tgt Ion: 63 Resp: 779155

Ion Ratio Lower Upper

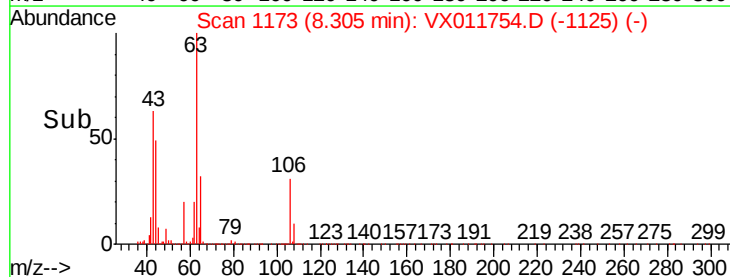
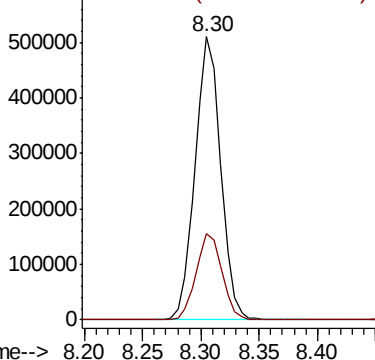
63 100

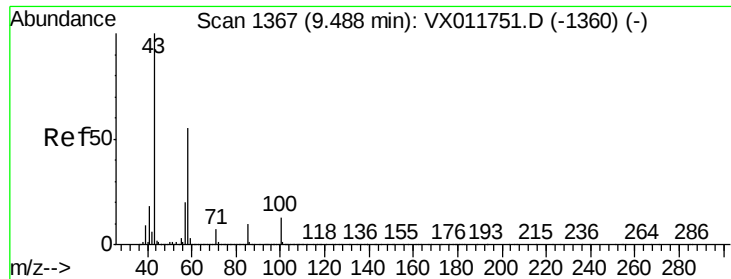
106 30.9 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

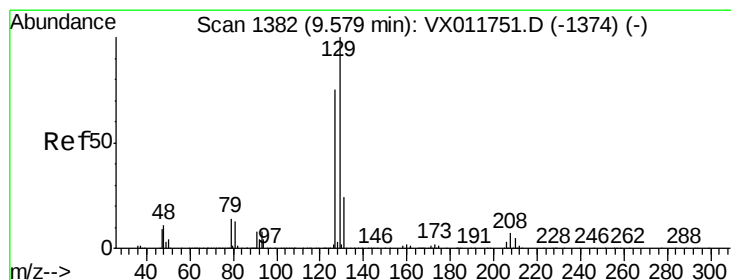
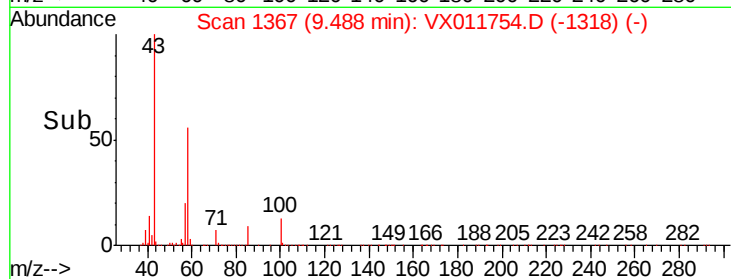
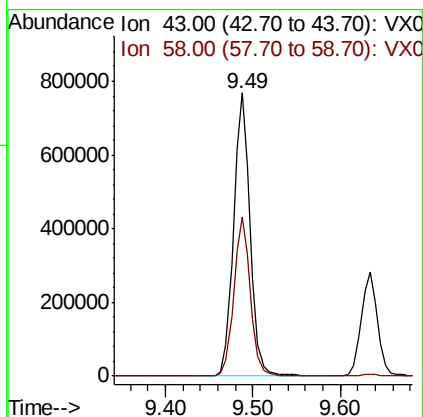
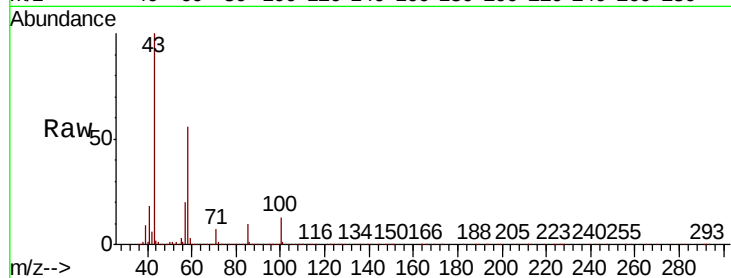




#59
2-Hexanone
Concen: 269.786 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

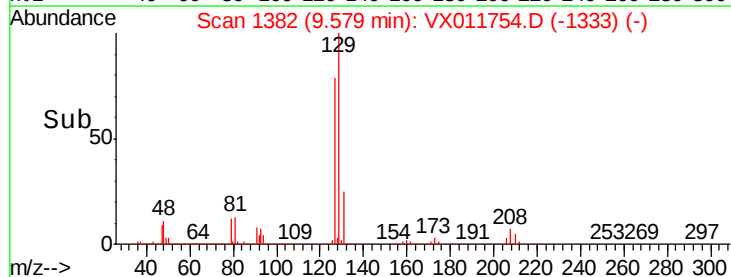
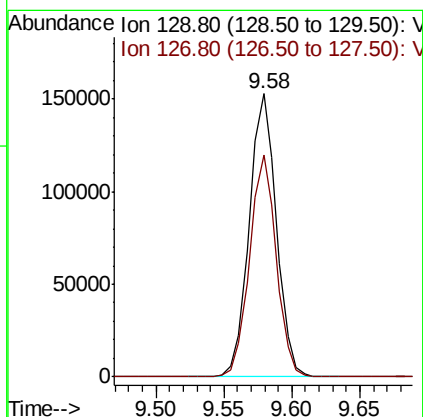
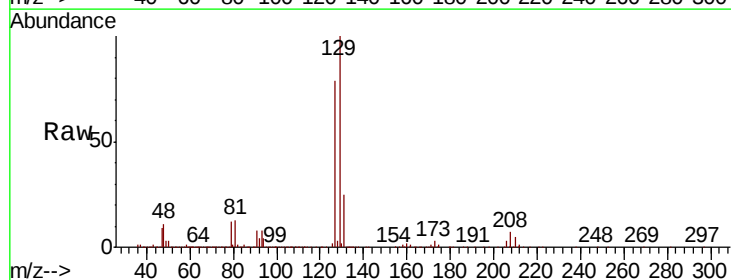
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

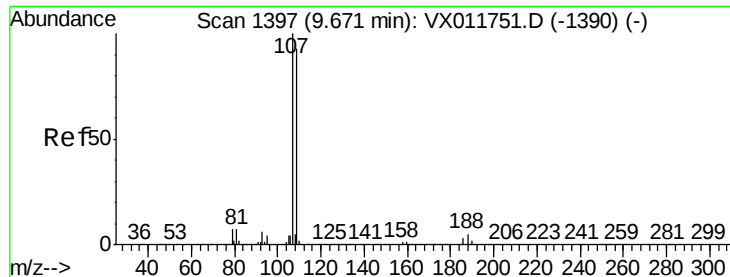
Tgt Ion: 43 Resp: 1017660
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 54.614 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 129 Resp: 214454
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8

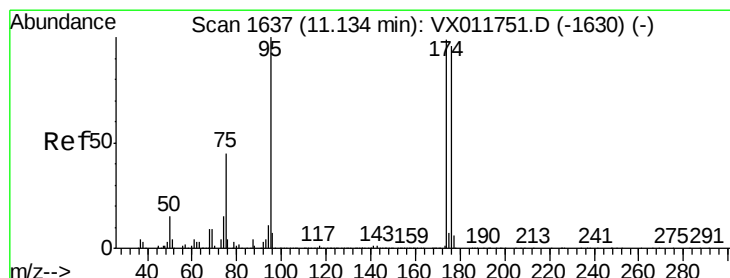
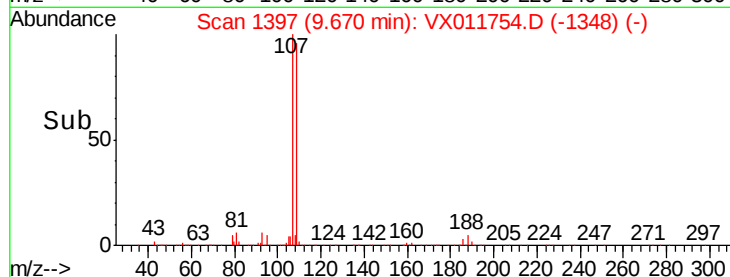
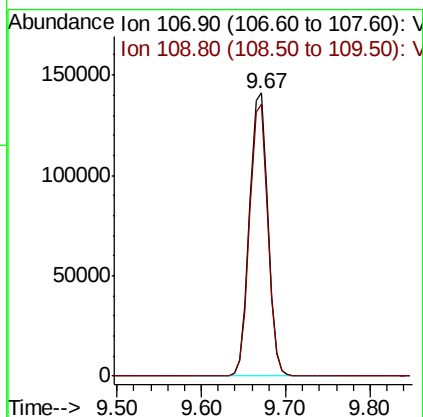
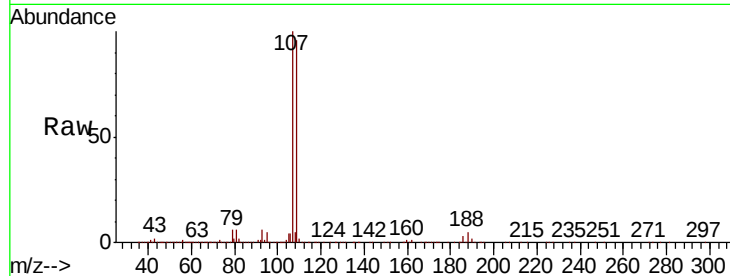




#61
 1,2-Dibromoethane
 Concen: 52.922 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

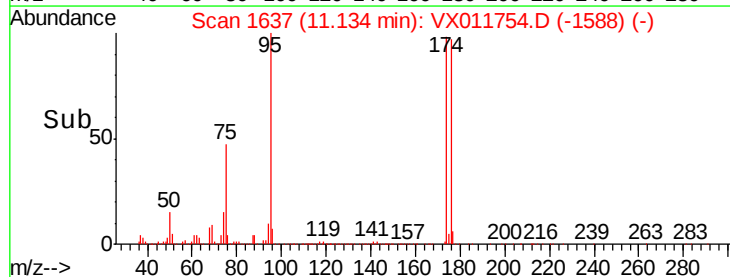
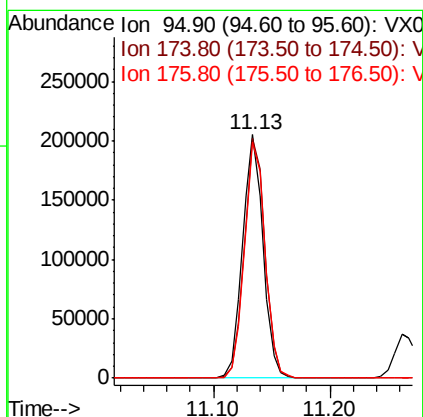
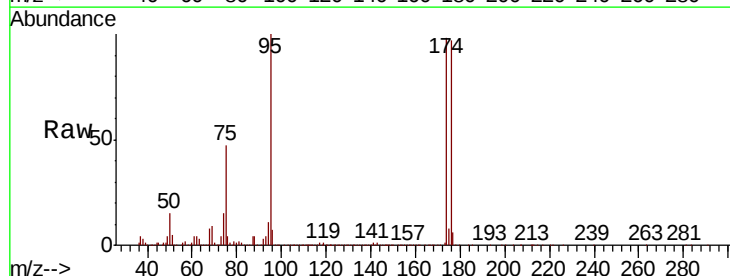
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

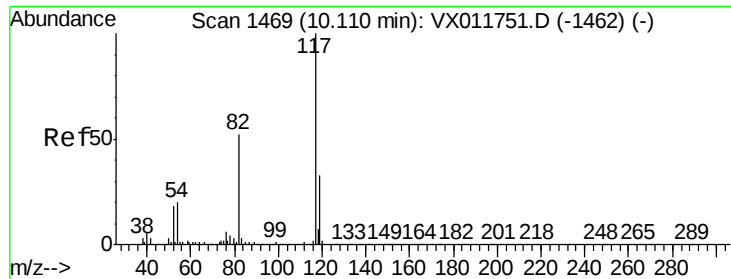
Tgt Ion: 107 Resp: 206231
 Ion Ratio Lower Upper
 107 100
 109 95.1 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 50.793 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion: 95 Resp: 251456
 Ion Ratio Lower Upper
 95 100
 174 100.0 0.0 197.4
 176 98.3 0.0 194.4

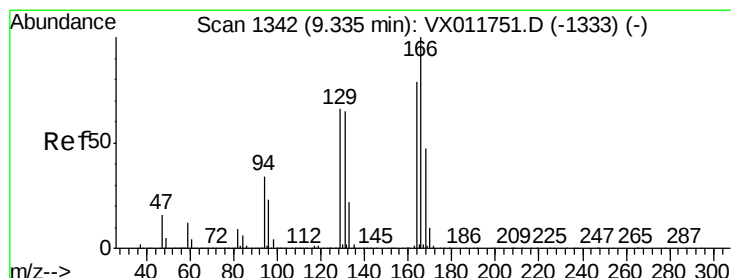
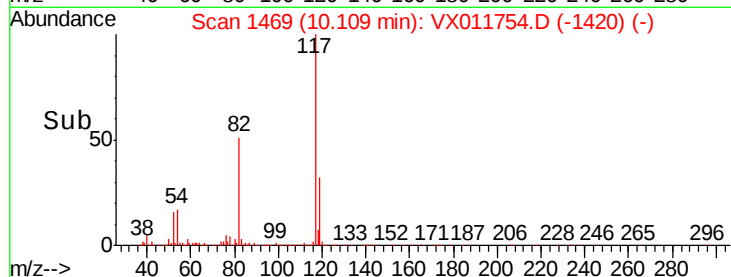
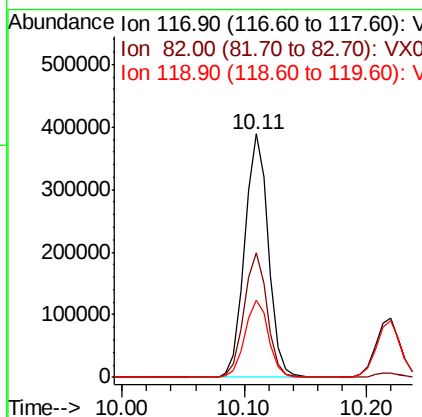
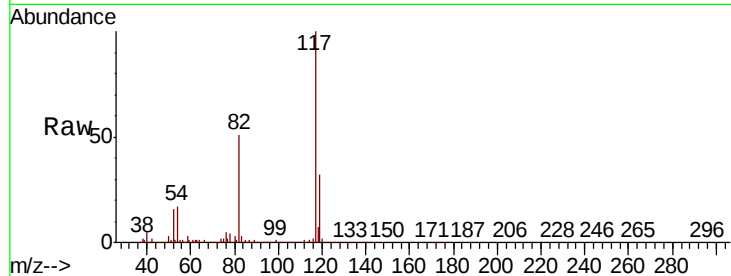




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

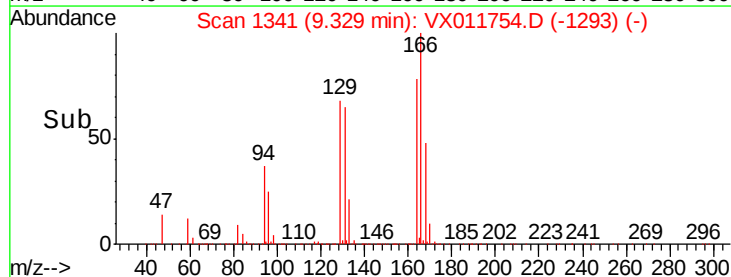
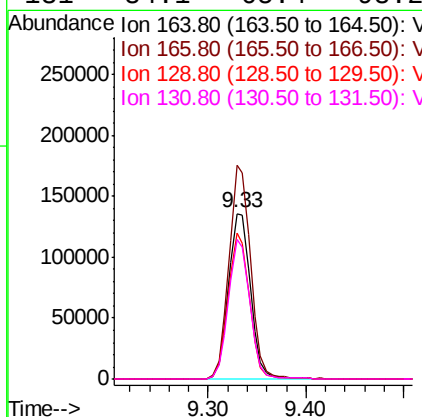
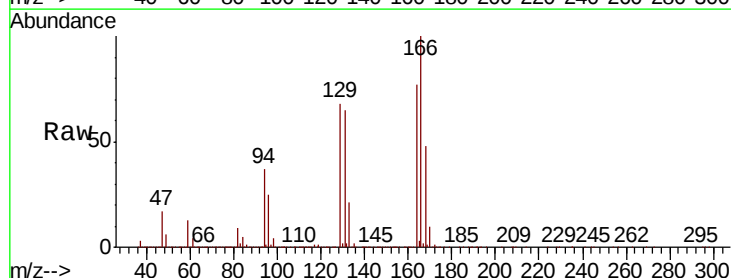
Instrument :
MSVOA_X
ClientSampled :
ICVVX082219

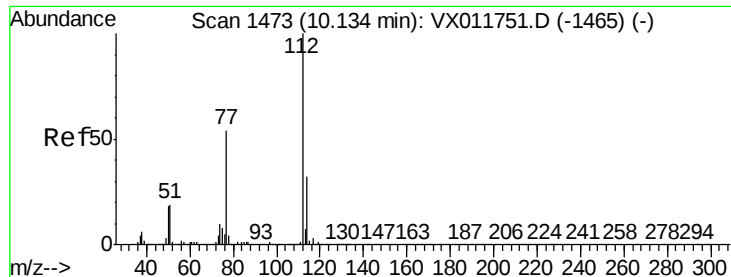
Tgt Ion:117 Resp: 520091
Ion Ratio Lower Upper
117 100
82 51.3 41.7 62.5
119 31.8 26.2 39.2



#64
Tetrachloroethene
Concen: 51.259 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion:164 Resp: 212682
Ion Ratio Lower Upper
164 100
166 129.0 100.7 151.1
129 88.0 66.8 100.2
131 84.1 65.4 98.2

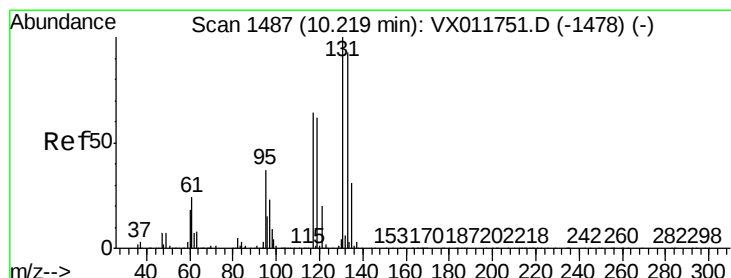
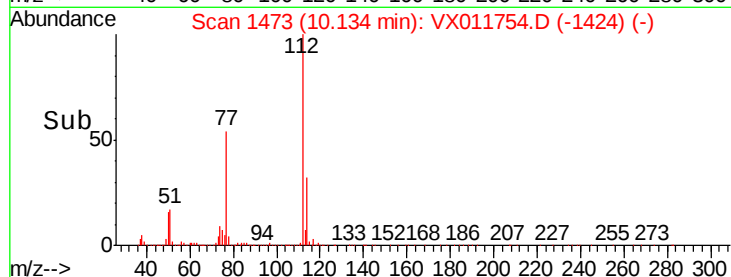
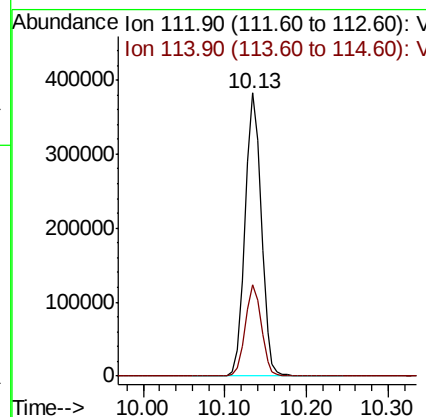
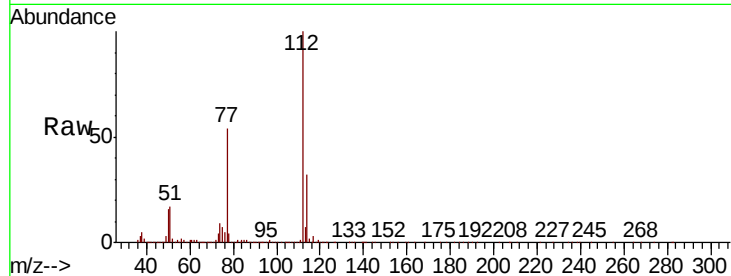




#65
Chlorobenzene
Concen: 51.266 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

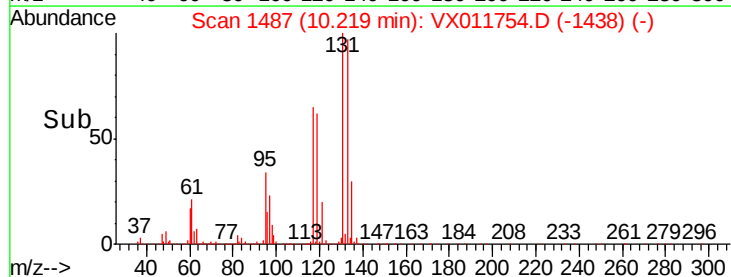
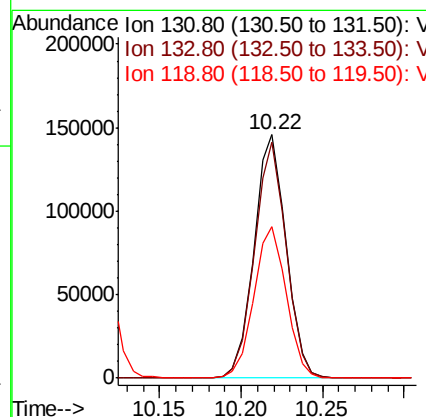
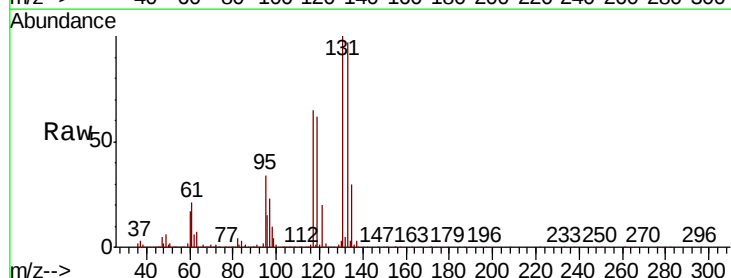
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

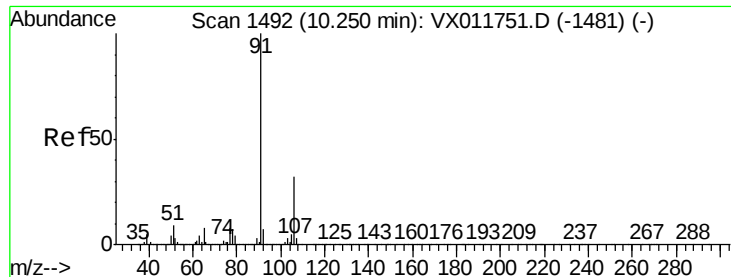
Tgt Ion:112 Resp: 520551
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.525 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion:131 Resp: 199826
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.4
119 62.7 31.3 93.8





#67

Ethyl Benzene

Concen: 52.383 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

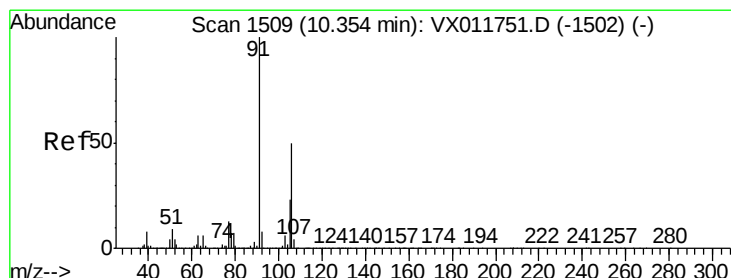
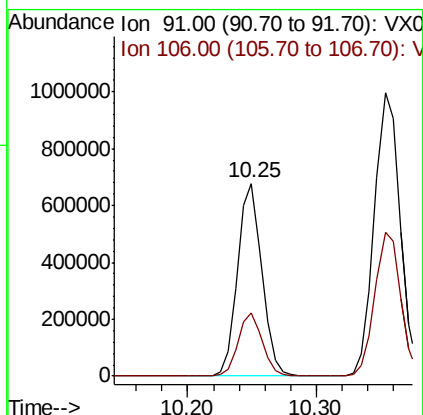
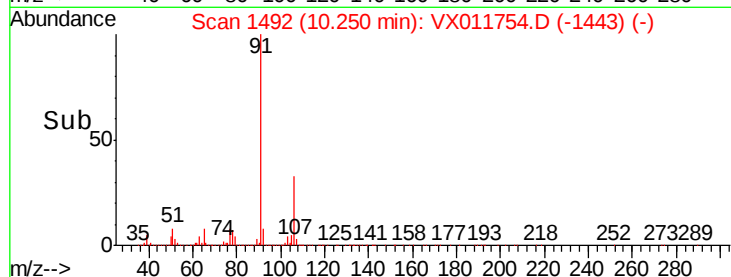
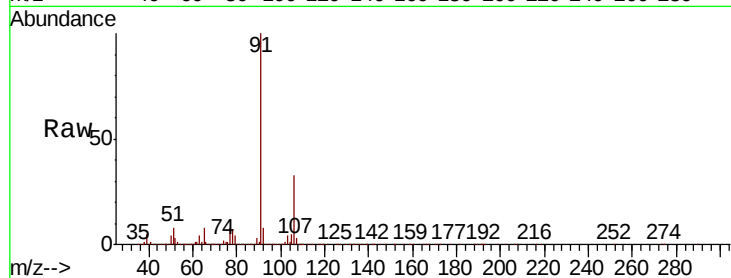
ICVVX082219

Tgt Ion: 91 Resp: 888867

Ion Ratio Lower Upper

91 100

106 32.8 25.5 38.3



#68

m/p-Xylenes

Concen: 107.198 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.00 min

Lab File: VX011754.D

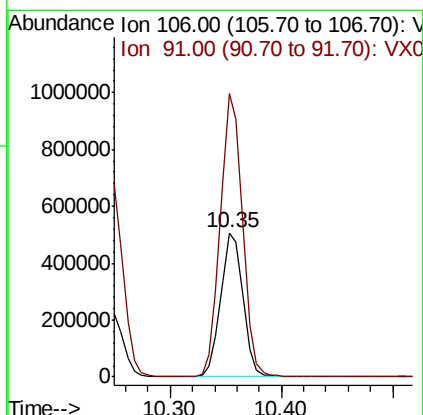
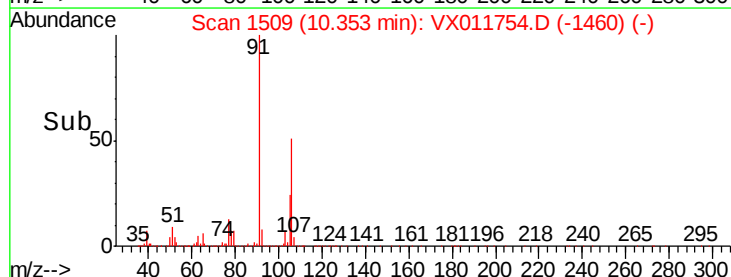
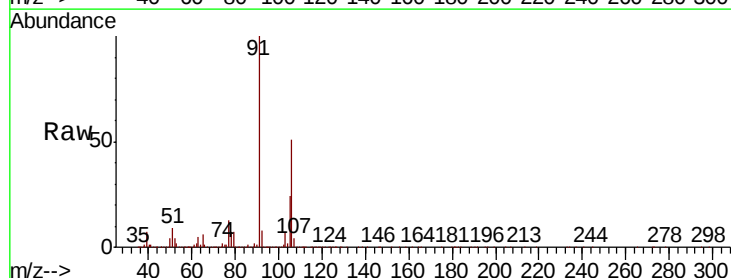
Acq: 22 Aug 2019 11:27

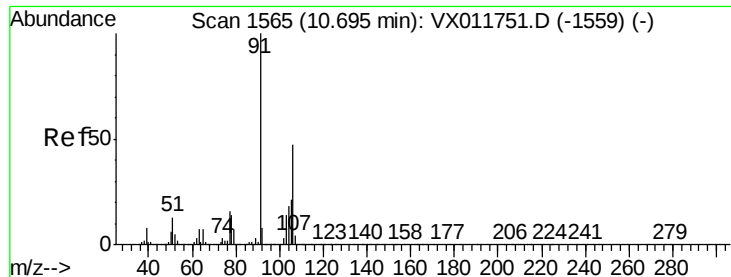
Tgt Ion: 106 Resp: 701372

Ion Ratio Lower Upper

106 100

91 196.3 158.3 237.5

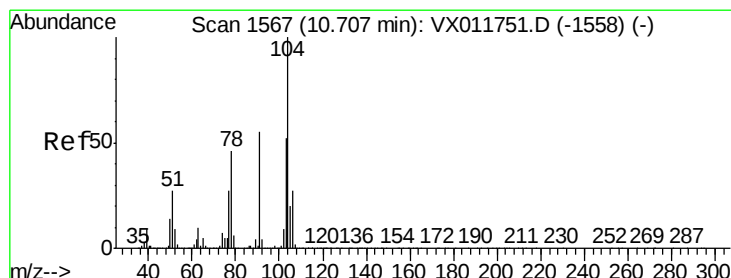
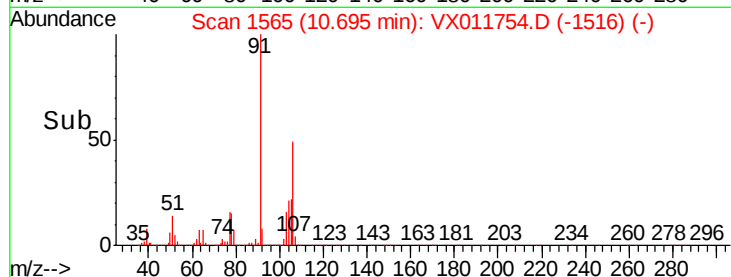
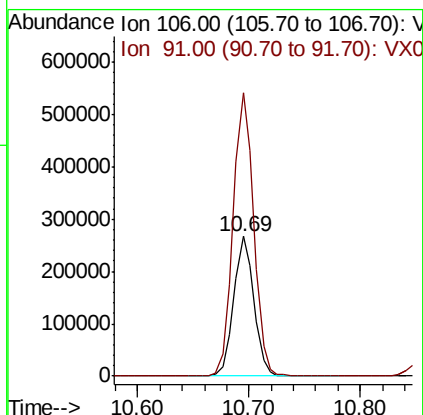
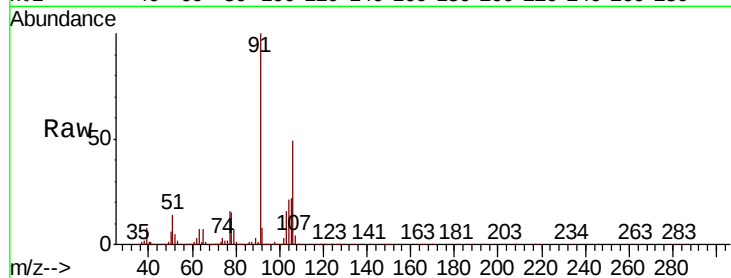




#69
o-Xylene
Concen: 52.073 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

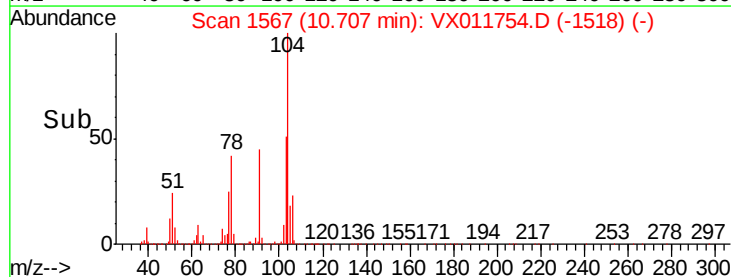
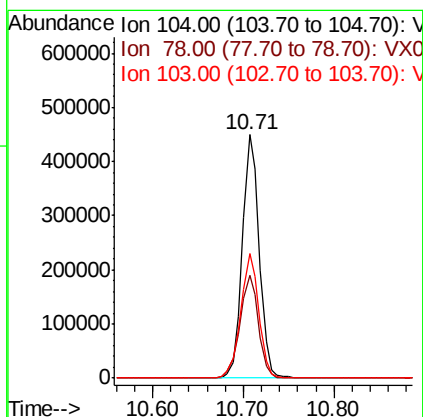
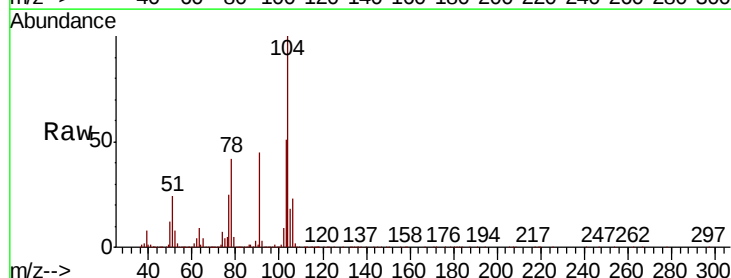
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

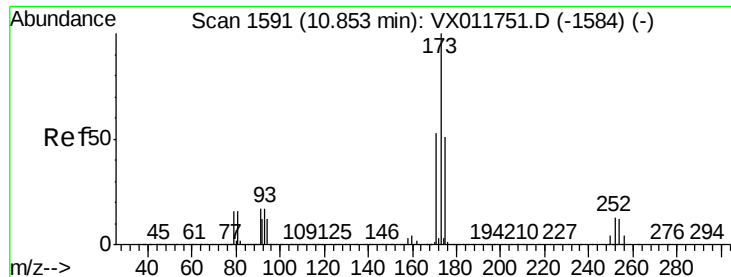
Tgt Ion:106 Resp: 334500
Ion Ratio Lower Upper
106 100
91 206.6 105.0 314.9



#70
Styrene
Concen: 53.862 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion:104 Resp: 578805
Ion Ratio Lower Upper
104 100
78 46.6 39.2 58.8
103 54.6 44.5 66.7

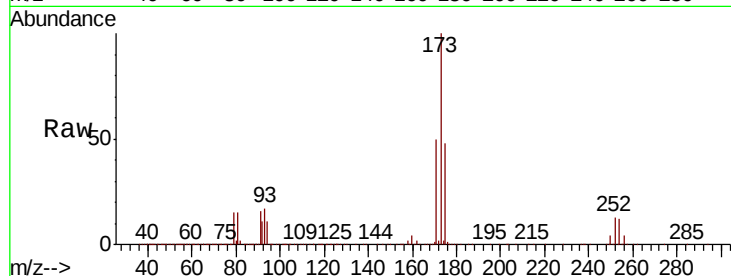




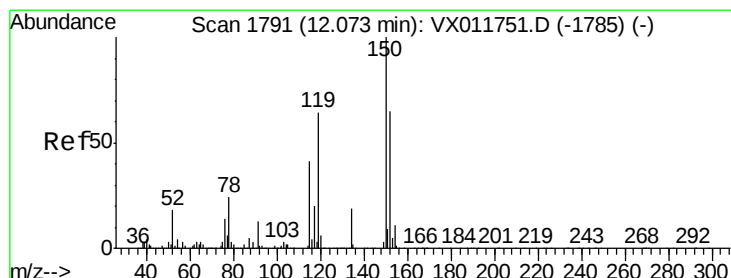
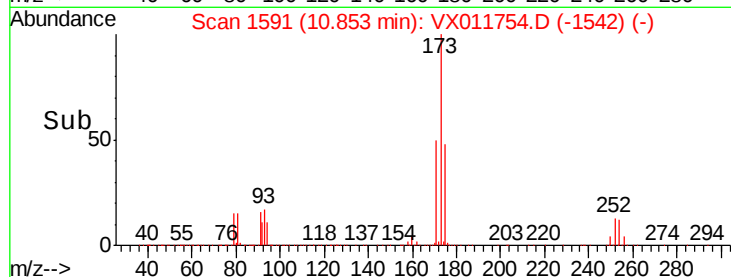
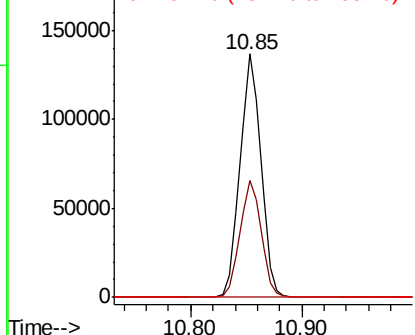
#71
Bromoform
Concen: 54.552 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tgt Ion:173 Resp: 179034
Ion Ratio Lower Upper
173 100
175 48.5 25.1 75.3
254 0.2 0.2 0.4#

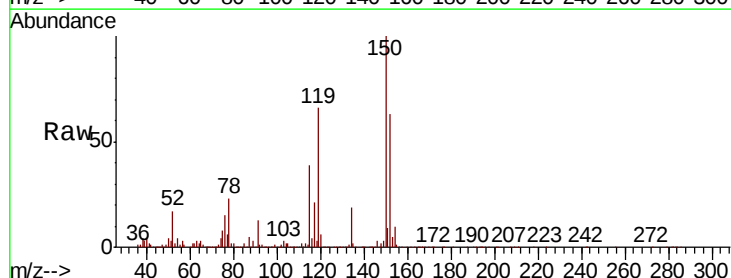


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

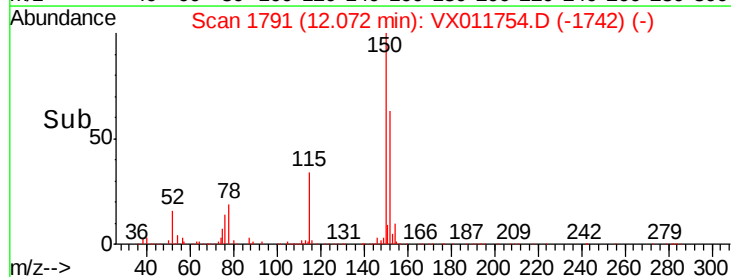
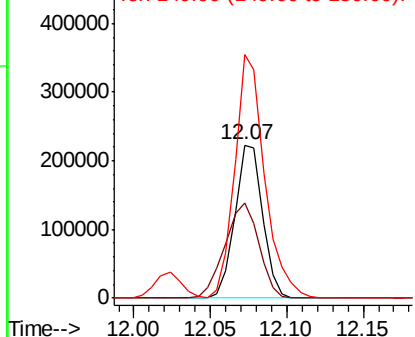


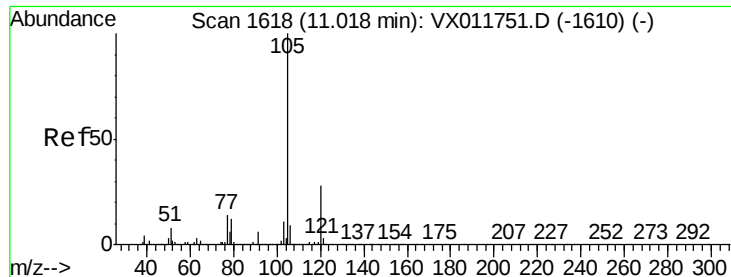
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion:152 Resp: 280710
Ion Ratio Lower Upper
152 100
115 75.7 37.3 111.8
150 170.8 0.0 343.0



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: 53.665 ug/l

RT: 11.01 min Scan# 1617

Delta R.T. -0.01 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

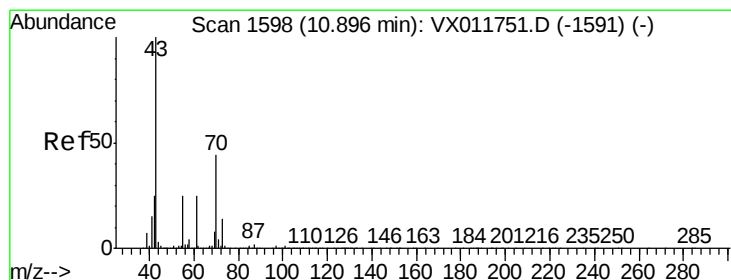
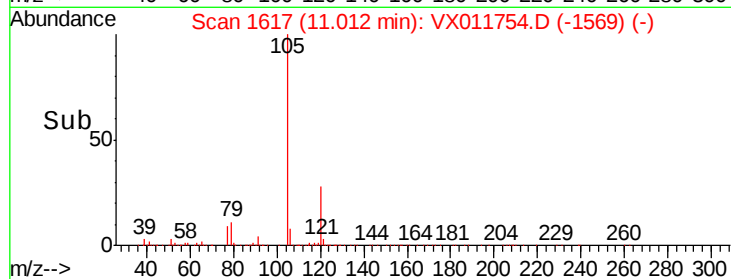
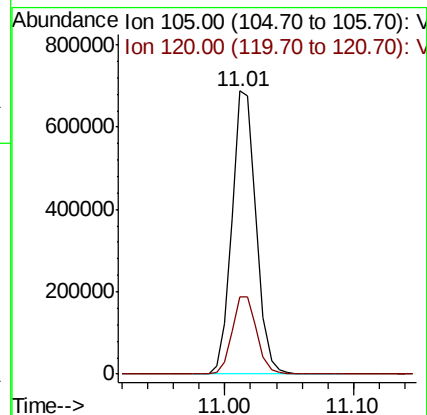
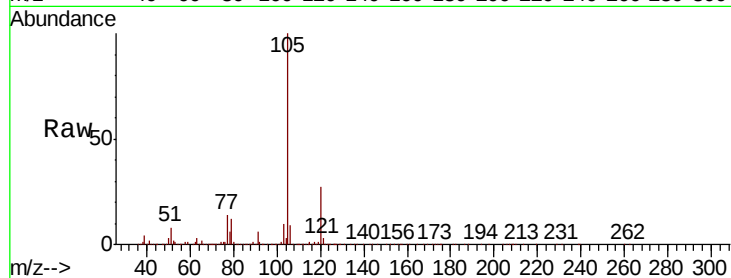
ICVVX082219

Tgt Ion:105 Resp: 907827

Ion Ratio Lower Upper

105 100

120 27.9 13.9 41.7



#74

N-ethyl acetate

Concen: 53.841 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Tgt Ion: 43 Resp: 352618

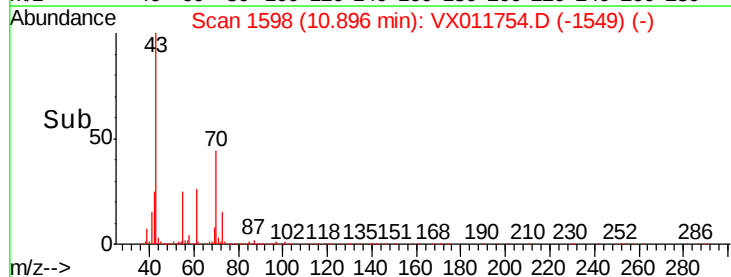
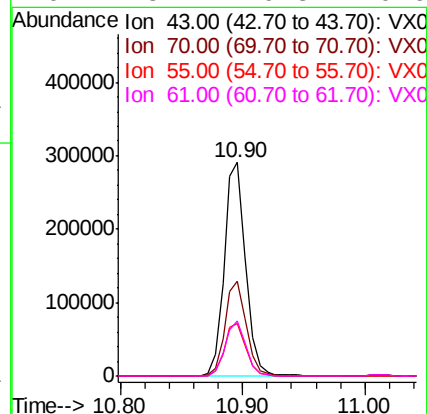
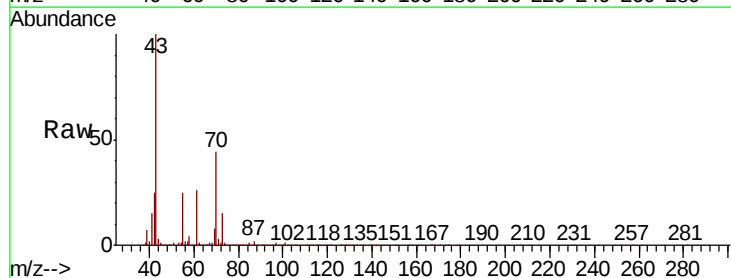
Ion Ratio Lower Upper

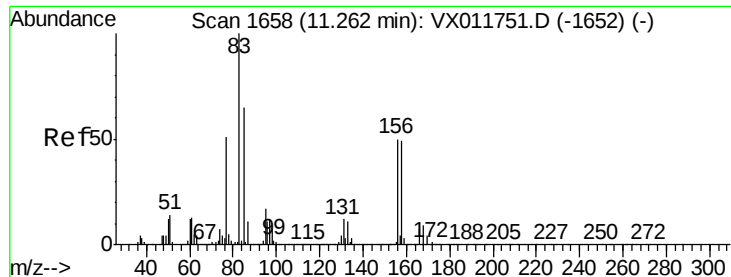
43 100

70 43.9 34.8 52.2

55 24.5 19.5 29.3

61 25.2 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.027 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

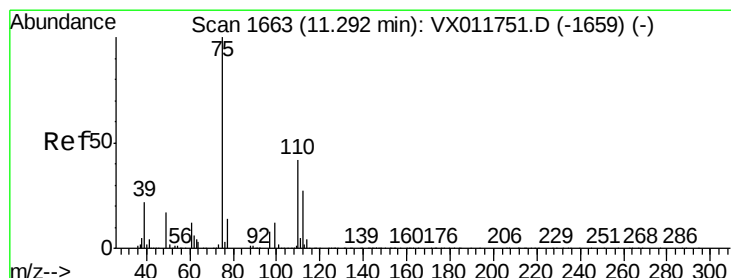
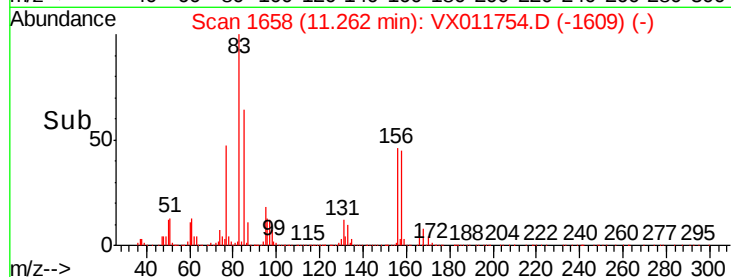
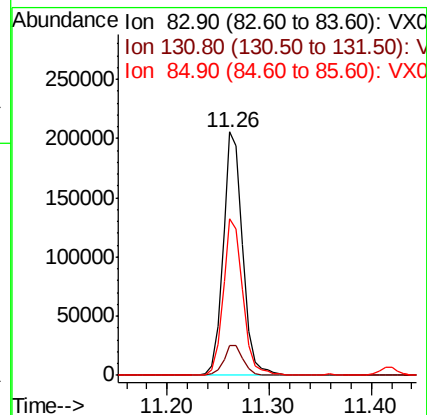
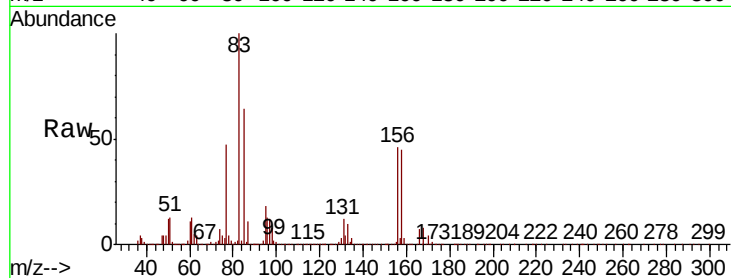
Tgt Ion: 83 Resp: 274519

Ion Ratio Lower Upper

83 100

131 12.3 6.1 18.3

85 64.6 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 64.623 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX011754.D

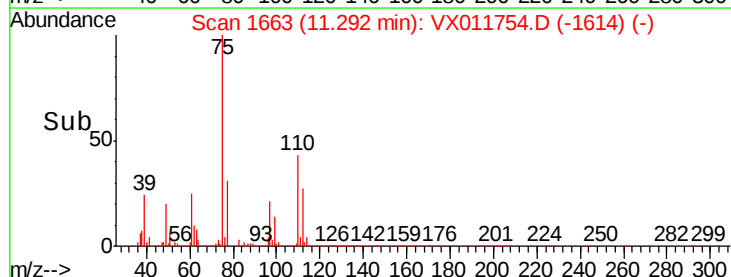
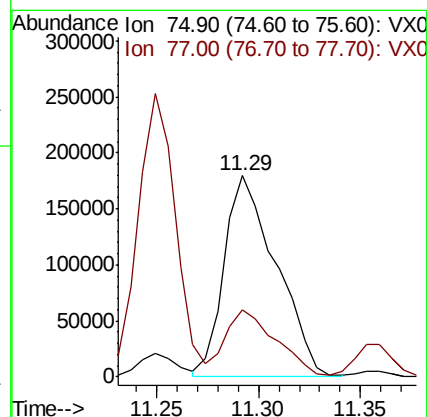
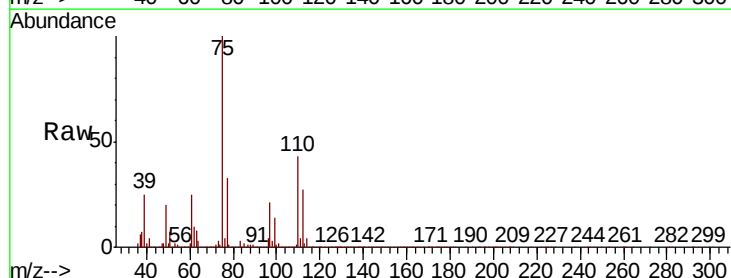
Acq: 22 Aug 2019 11:27

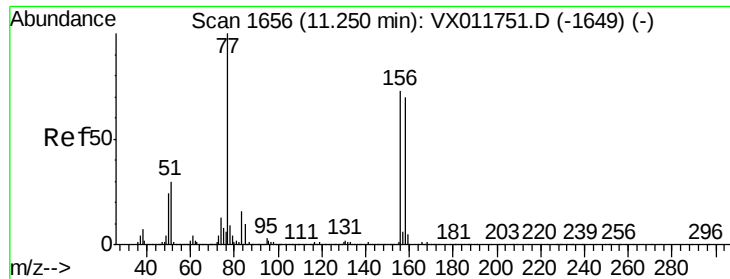
Tgt Ion: 75 Resp: 318309

Ion Ratio Lower Upper

75 100

77 32.4 21.1 63.3





#77

Bromobenzene

Concen: 49.236 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

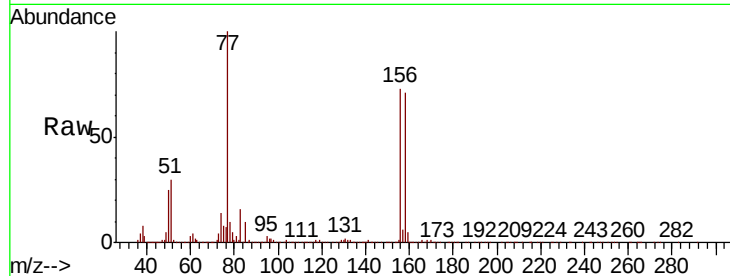
Tgt Ion:156 Resp: 245546

Ion Ratio Lower Upper

156 100

77 131.3 65.3 196.0

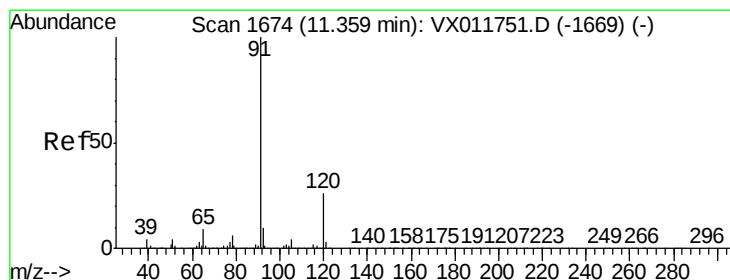
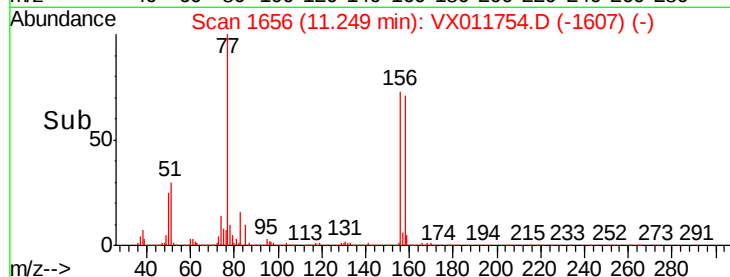
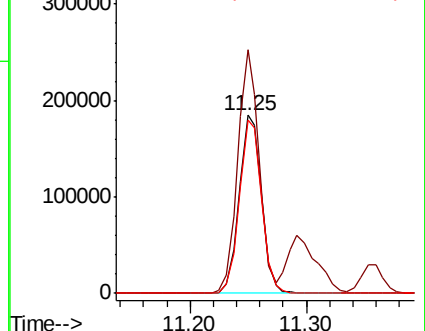
158 97.3 48.4 145.0



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: 55.239 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX011754.D

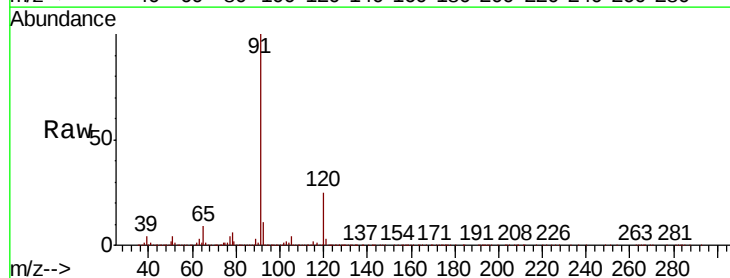
Acq: 22 Aug 2019 11:27

Tgt Ion: 91 Resp: 999193

Ion Ratio Lower Upper

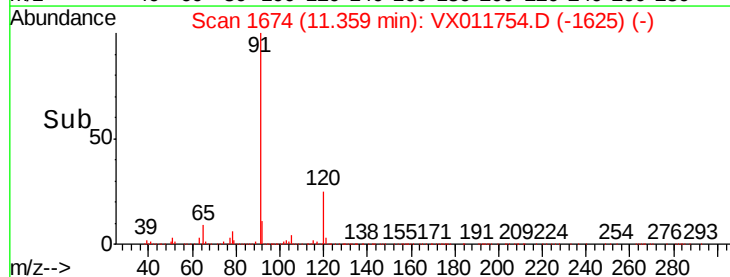
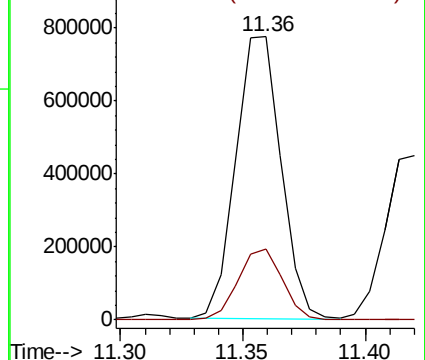
91 100

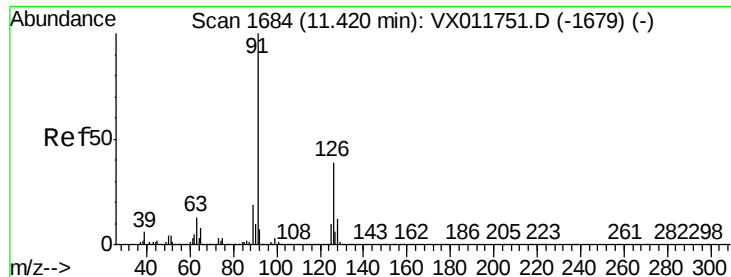
120 24.8 12.7 38.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.520 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

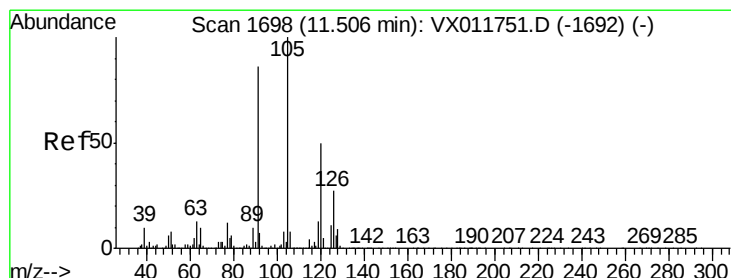
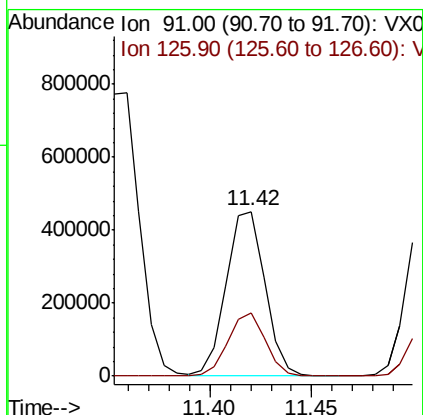
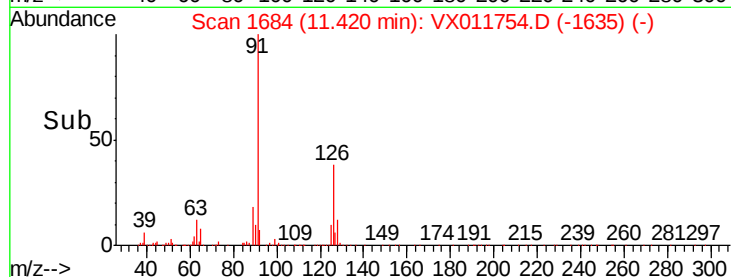
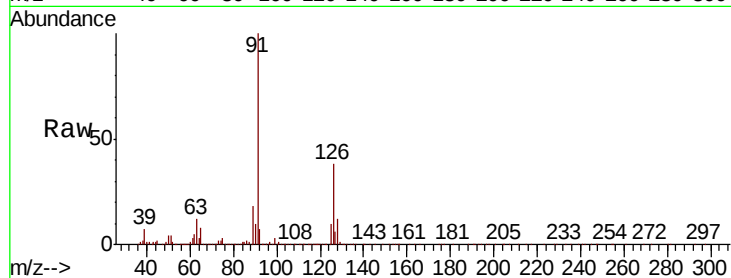
ICVX082219

Tgt Ion: 91 Resp: 591032

Ion Ratio Lower Upper

91 100

126 37.2 18.6 55.6



#80

1,3,5-Trimethylbenzene

Concen: 54.065 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011754.D

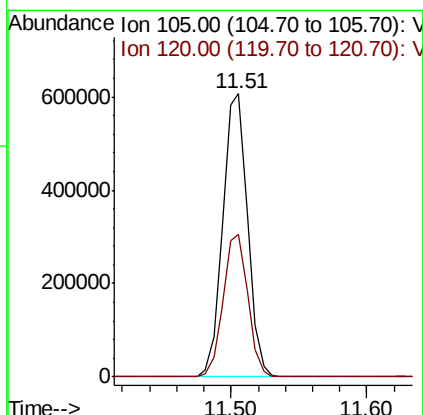
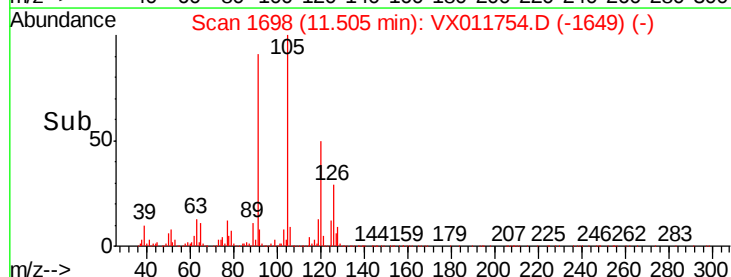
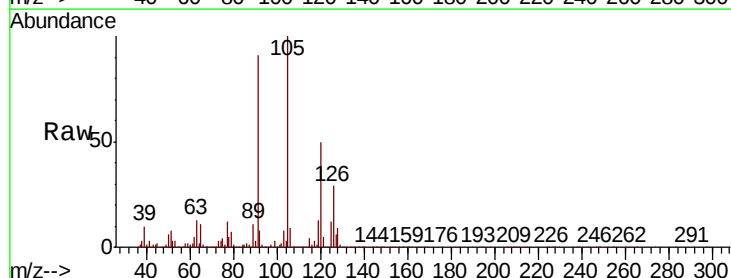
Acq: 22 Aug 2019 11:27

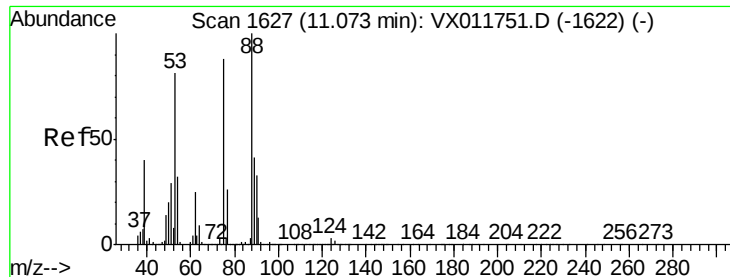
Tgt Ion: 105 Resp: 763099

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 54.616 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

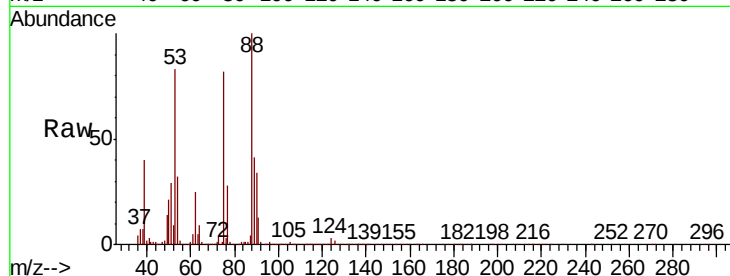
Tgt Ion: 75 Resp: 89203

Ion Ratio Lower Upper

75 100

53 97.1 77.1 115.7

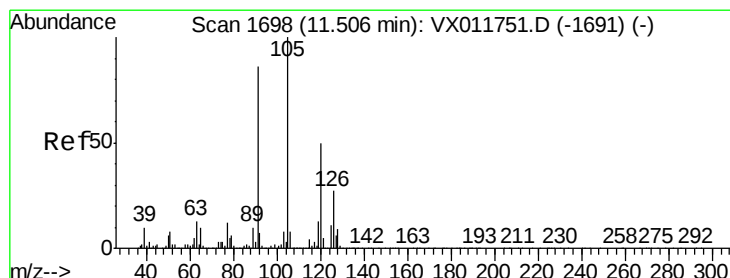
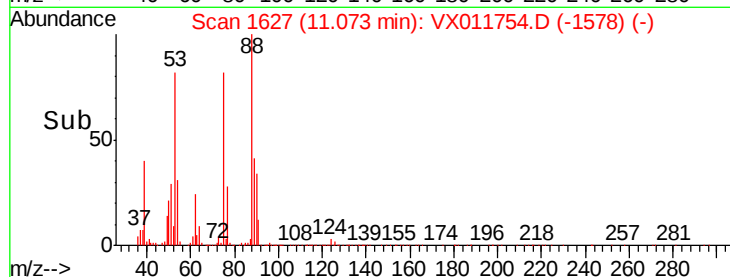
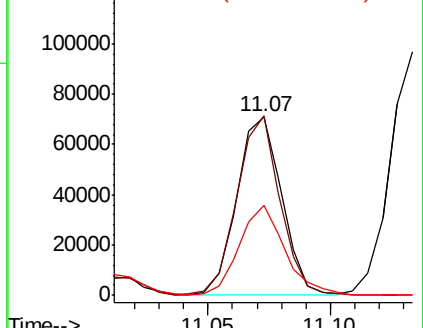
89 51.7 38.5 57.7



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: 53.287 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX011754.D

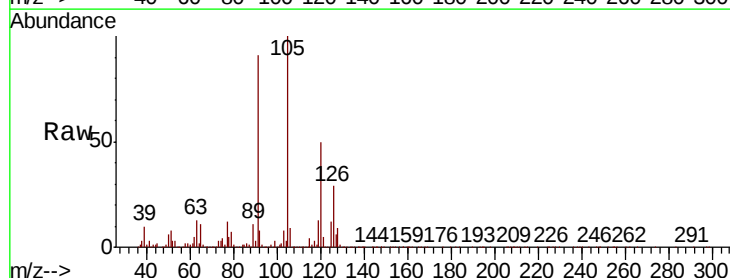
Acq: 22 Aug 2019 11:27

Tgt Ion: 91 Resp: 691229

Ion Ratio Lower Upper

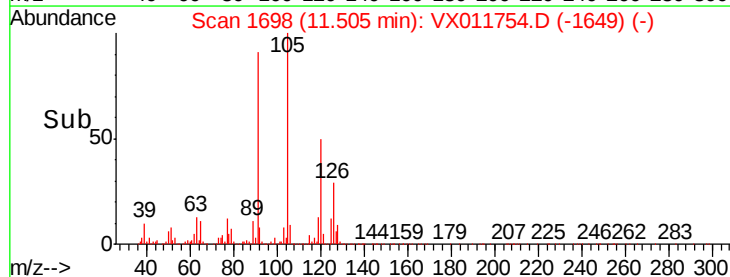
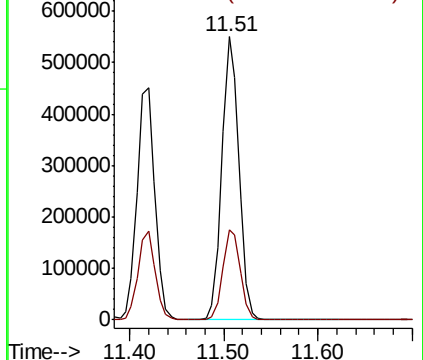
91 100

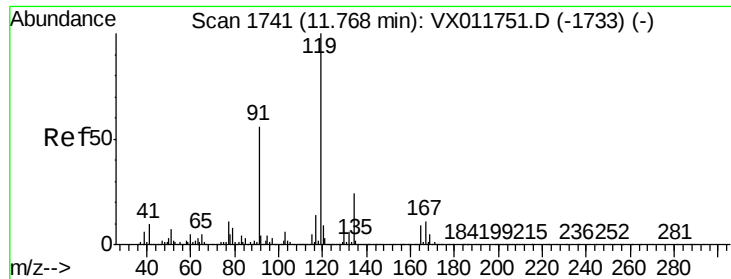
126 32.2 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

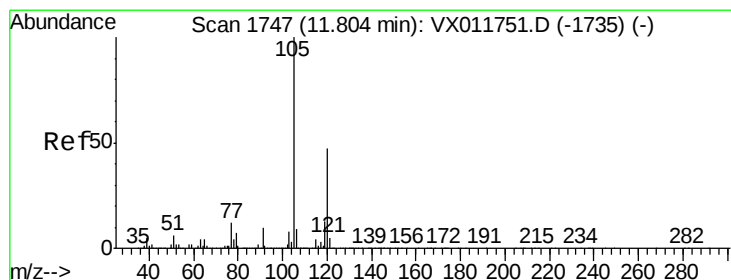
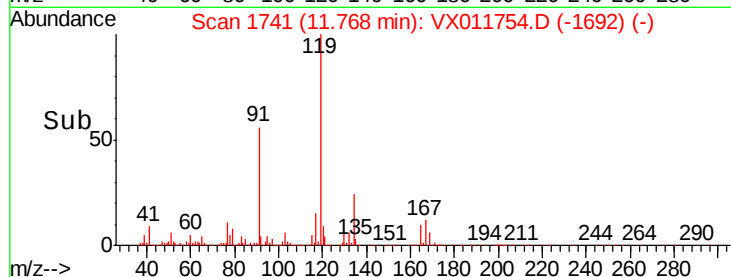
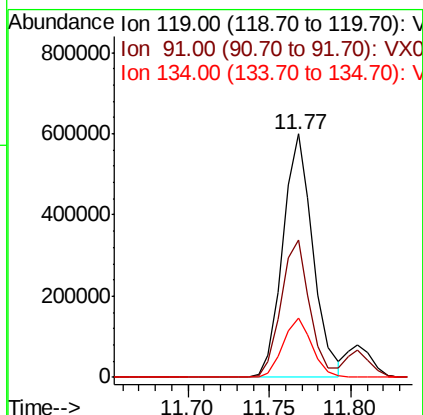
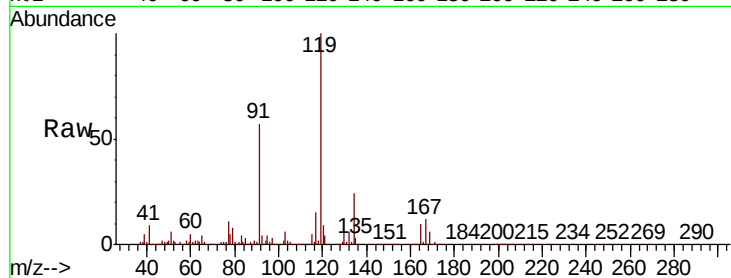




#83
tert-Butylbenzene
Concen: 55.370 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

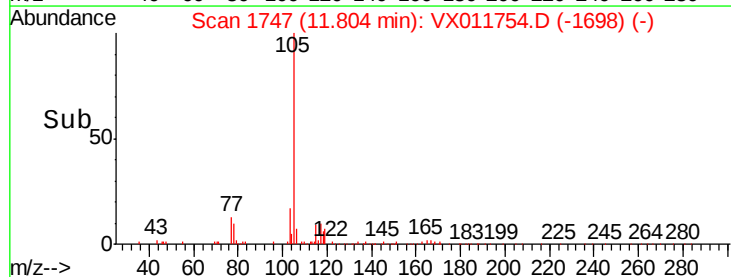
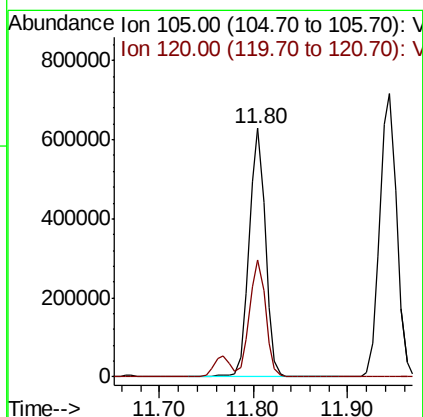
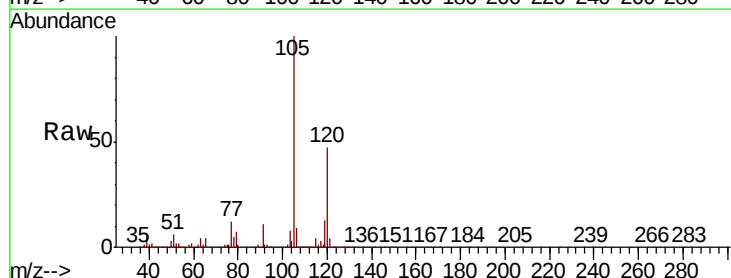
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

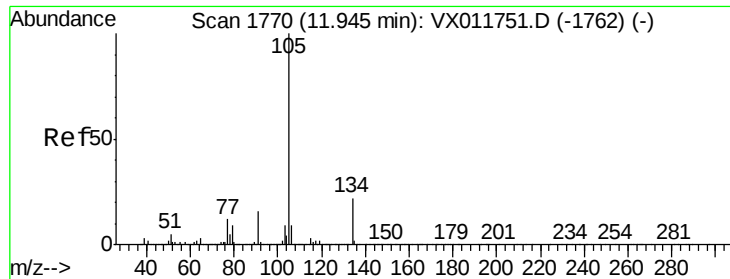
Tgt Ion:119 Resp: 771058
Ion Ratio Lower Upper
119 100
91 54.4 27.7 83.1
134 23.4 11.8 35.3



#84
1,2,4-Trimethylbenzene
Concen: 53.122 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion:105 Resp: 757166
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





#85

sec-Butylbenzene

Concen: 56.236 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

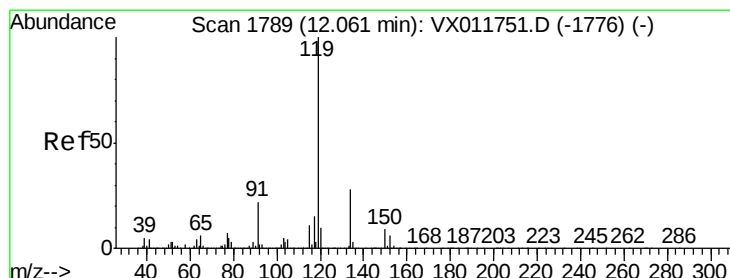
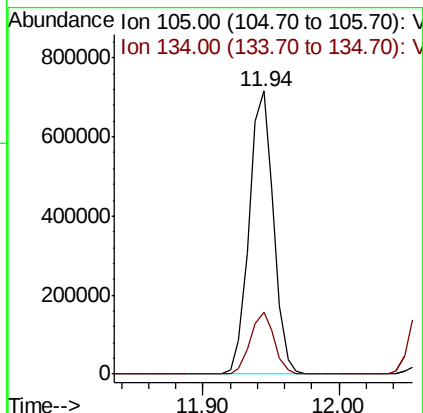
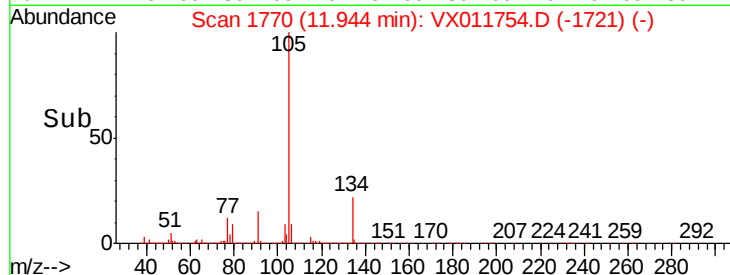
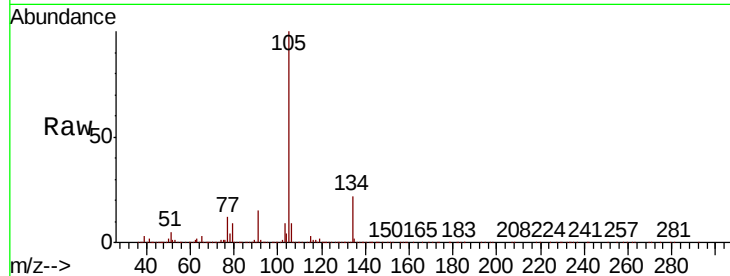
ICVVX082219

Tgt Ion:105 Resp: 895815

Ion Ratio Lower Upper

105 100

134 21.6 10.8 32.3



#86

p-Isopropyltoluene

Concen: 56.312 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

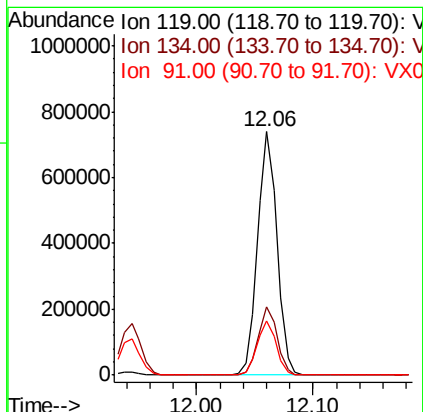
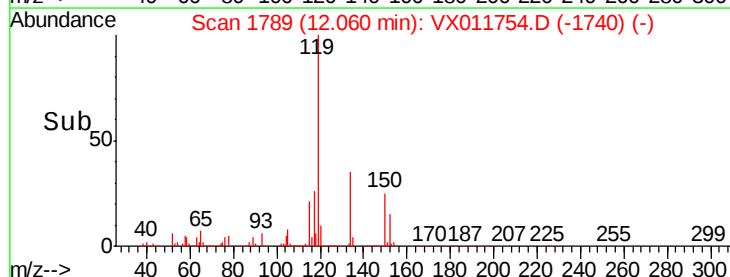
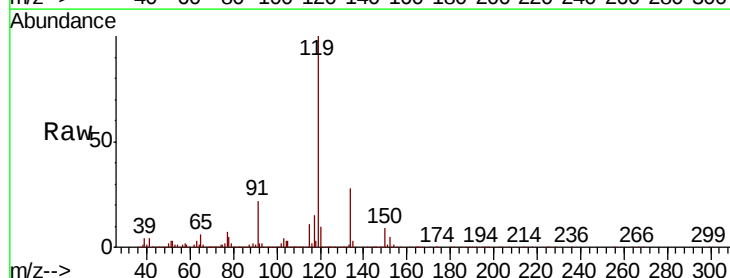
Tgt Ion:119 Resp: 863073

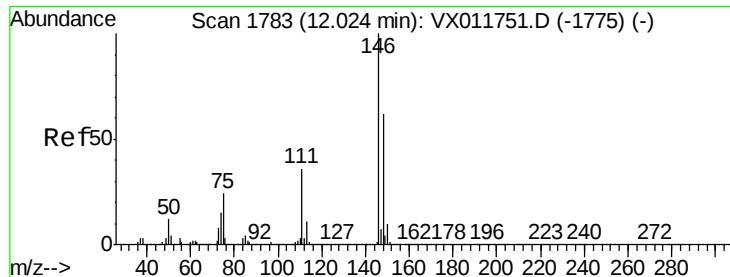
Ion Ratio Lower Upper

119 100

134 27.7 13.7 41.0

91 22.1 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 52.765 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

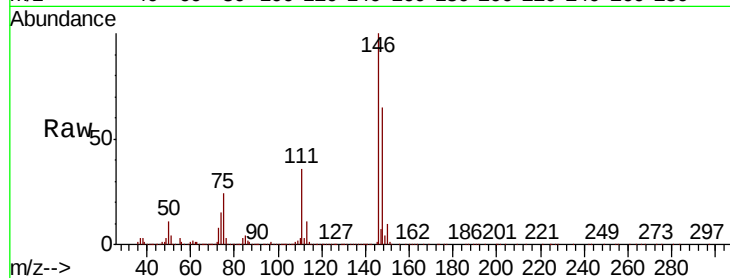
Tgt Ion:146 Resp: 453148

Ion Ratio Lower Upper

146 100

111 37.1 18.1 54.4

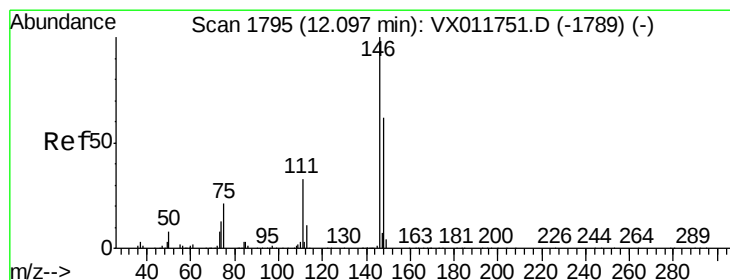
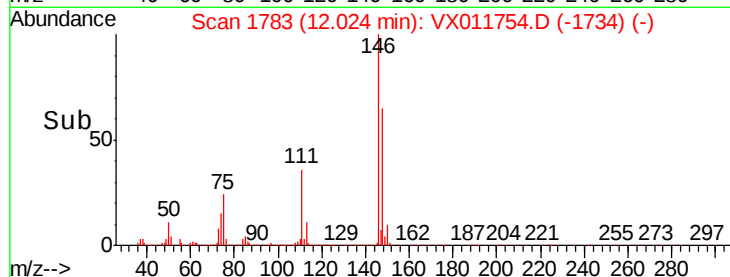
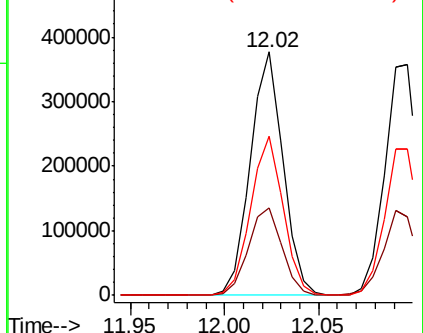
148 64.9 31.6 94.7



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: 52.242 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

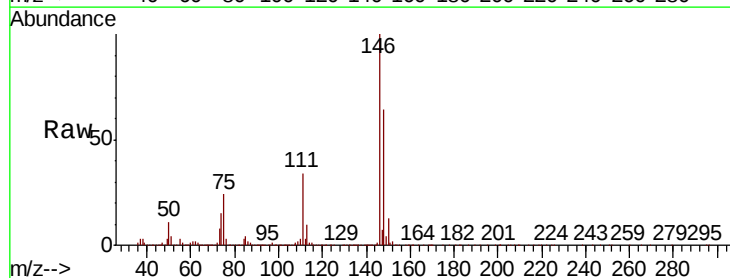
Tgt Ion:146 Resp: 453925

Ion Ratio Lower Upper

146 100

111 35.8 17.8 53.4

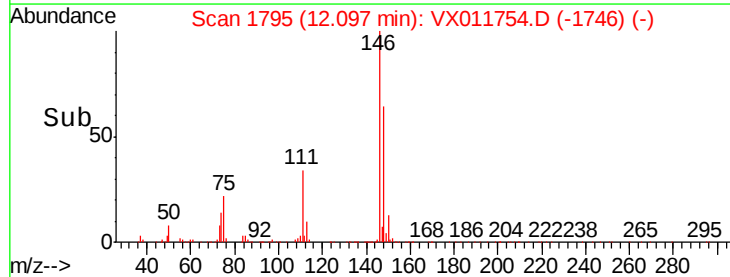
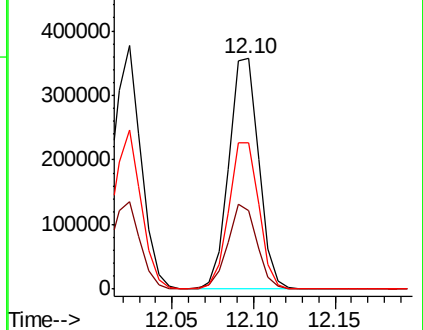
148 64.3 31.9 95.7

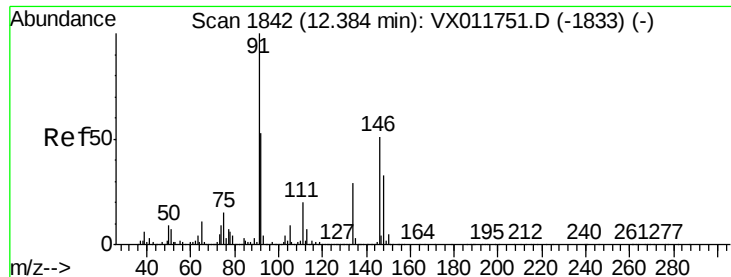


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

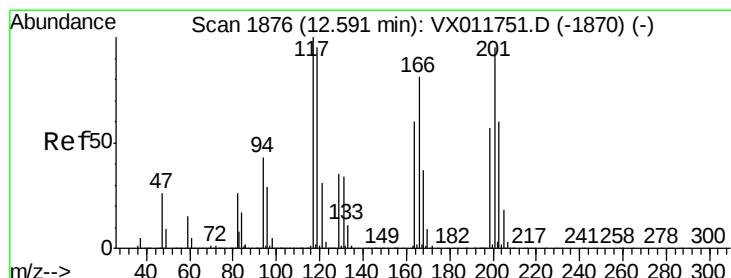
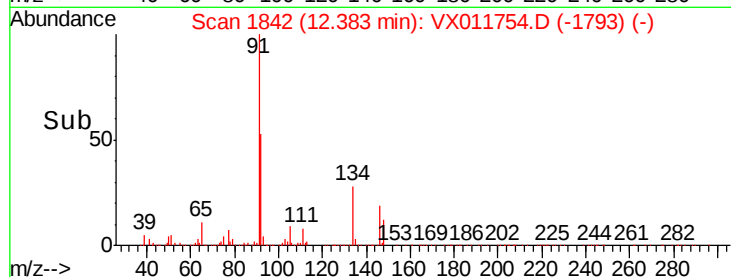
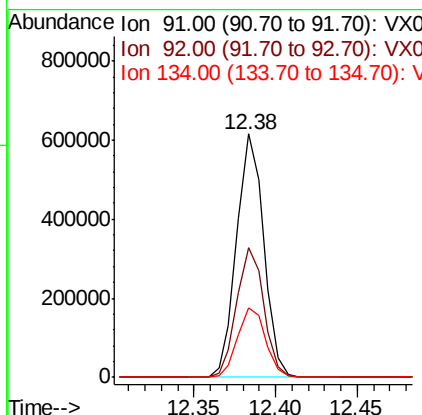
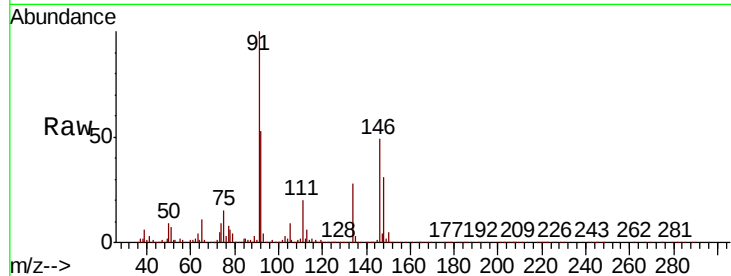




#89
n-Butylbenzene
Concen: 56.486 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

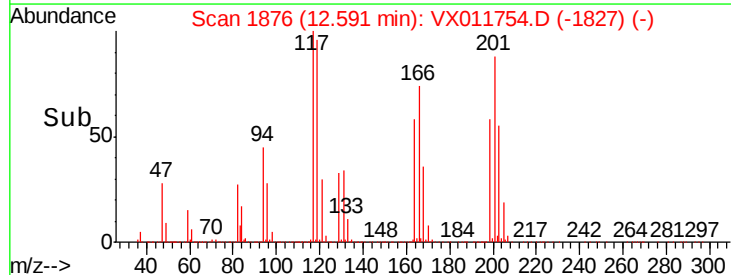
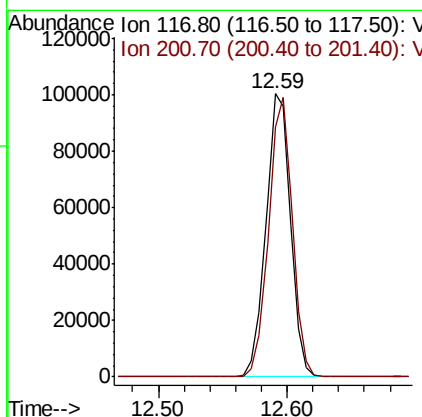
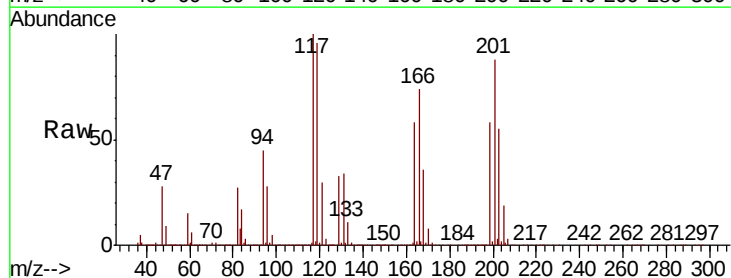
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

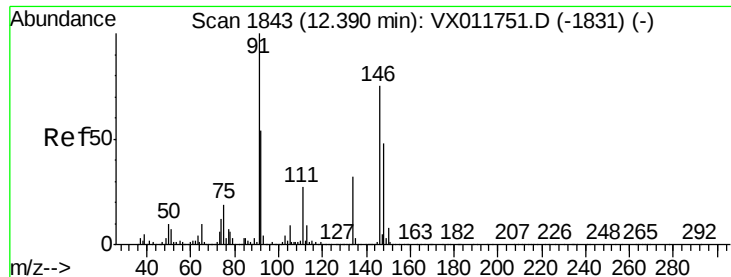
Tgt Ion: 91 Resp: 716672
Ion Ratio Lower Upper
91 100
92 53.2 26.7 80.0
134 29.2 14.6 43.8



#90
Hexachloroethane
Concen: 55.869 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion: 117 Resp: 133028
Ion Ratio Lower Upper
117 100
201 95.5 49.6 149.0





#91

1,2-Dichlorobenzene

Concen: 51.031 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082219

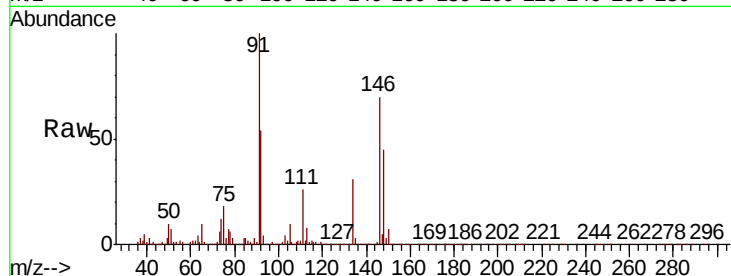
Tgt Ion:146 Resp: 442032

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

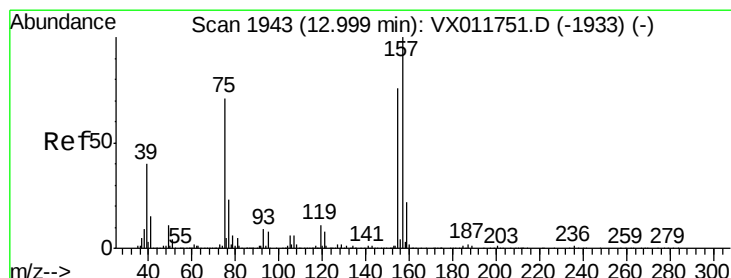
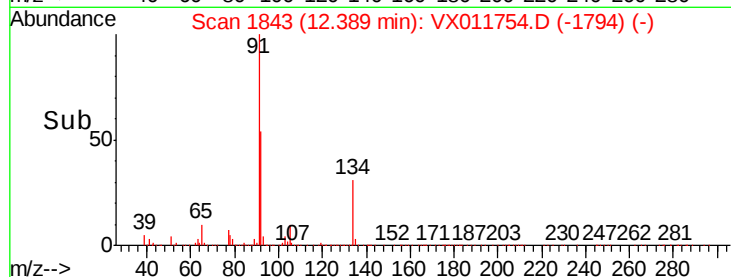
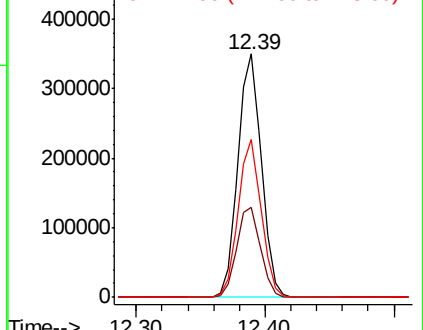
148 63.7 31.6 95.0



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: 50.625 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX011754.D

Acq: 22 Aug 2019 11:27

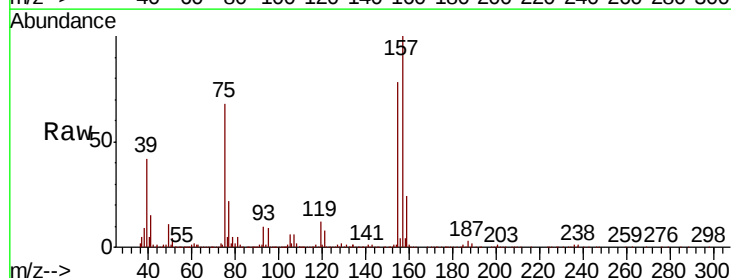
Tgt Ion: 75 Resp: 65892

Ion Ratio Lower Upper

75 100

155 106.9 52.6 157.9

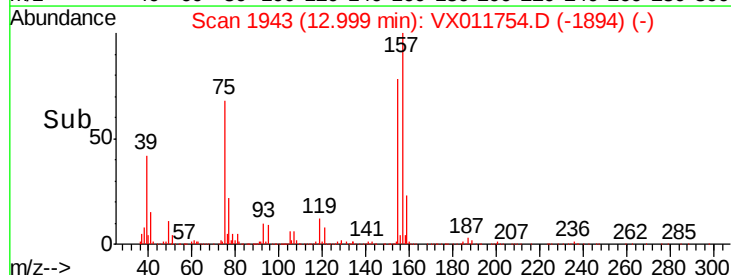
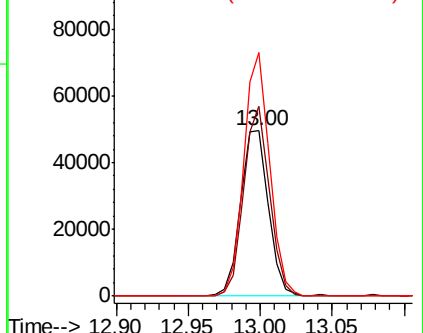
157 136.4 68.3 204.9

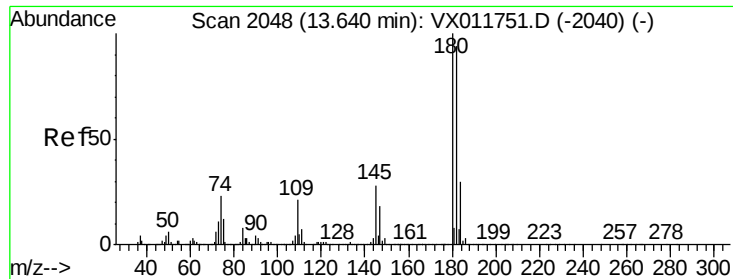


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

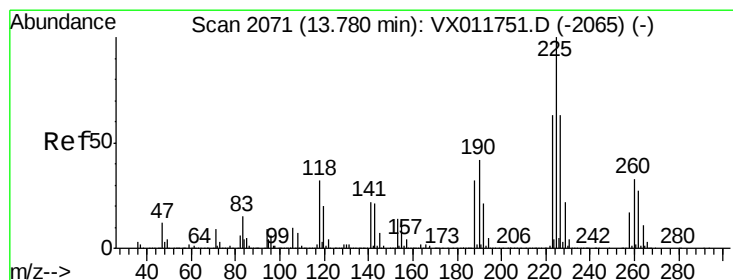
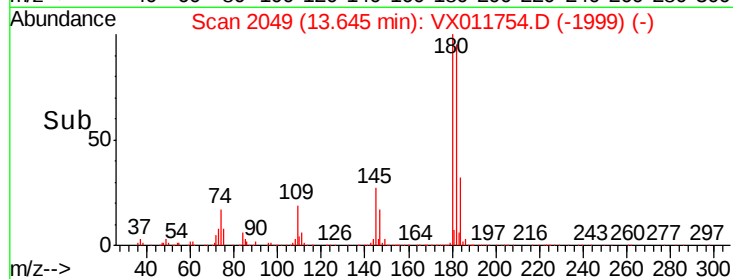
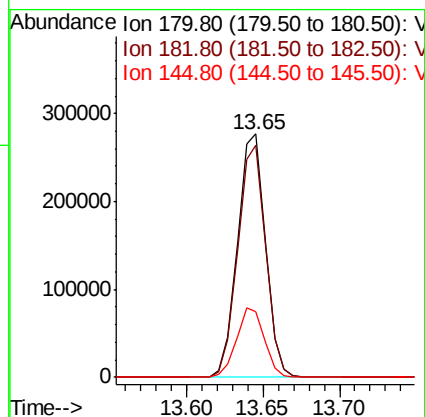
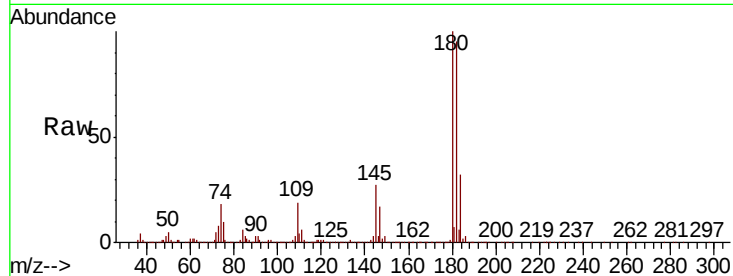




#93
 1,2,4-Trichlorobenzene
 Concen: 54.760 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.01 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

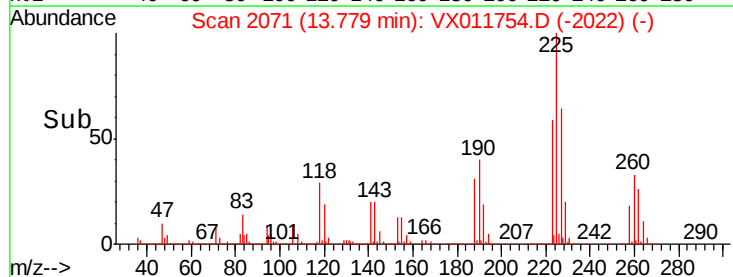
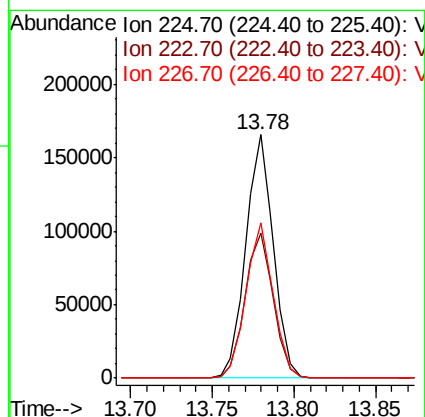
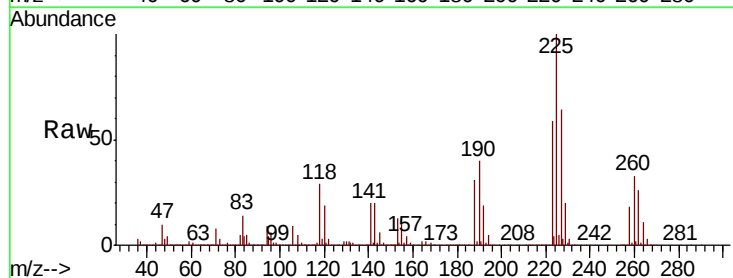
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082219

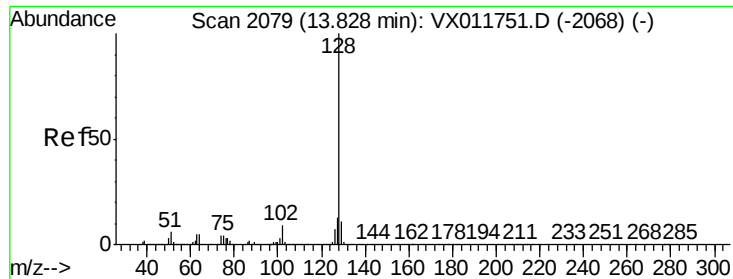
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.4
145	28.3	14.1	42.3



#94
 Hexachlorobutadiene
 Concen: 55.907 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX011754.D
 Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.0	93.0
227	63.2	31.8	95.3

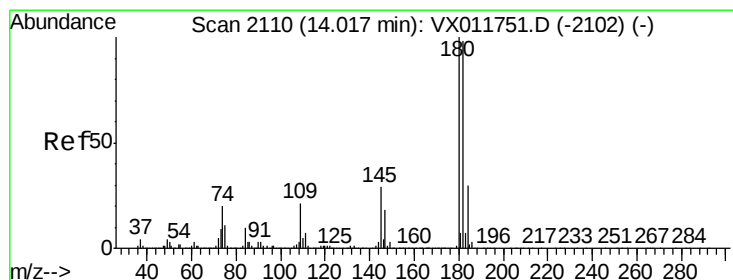
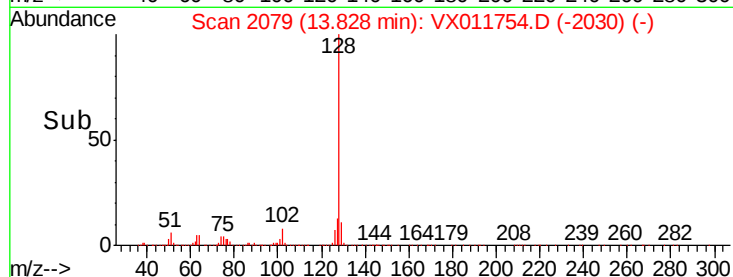
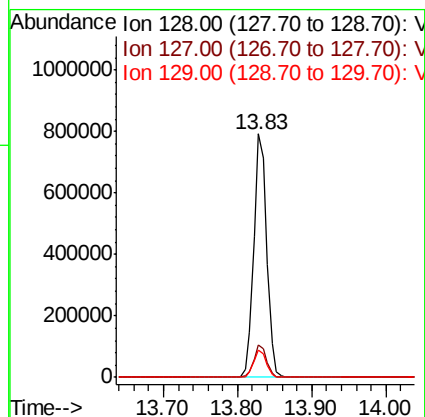
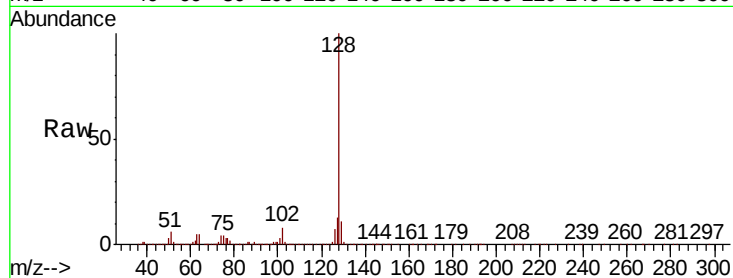




#95
Naphthalene
Concen: 55.222 ug/l
RT: 13.83 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082219

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 55.086 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX011754.D
Acq: 22 Aug 2019 11:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.5	145.5
145	28.9	14.6	43.8

