

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
 Data File : VX007859.D
 Acq On : 06 Mar 2019 13:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

Quant Time: Mar 07 07:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	366498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	519714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	458062	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	235586	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	195498	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	5.50	113	174478	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.71	98	667246	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
62) 4-Bromofluorobenzene	11.13	95	235159	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	166308	53.113	ug/l	100
3) Chloromethane	1.33	50	205477	50.921	ug/l	100
4) Vinyl Chloride	1.41	62	207164	51.669	ug/l	100
5) Bromomethane	1.64	94	98947	52.648	ug/l	99
6) Chloroethane	1.72	64	129531	48.631	ug/l	99
7) Trichlorofluoromethane	1.93	101	269950	51.713	ug/l	97
8) Diethyl Ether	2.19	74	116656	51.607	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	172002	53.171	ug/l	99
10) Methyl Iodide	2.51	142	245879	53.578	ug/l	99
11) Tert butyl alcohol	3.07	59	200649	232.068	ug/l	99
12) 1,1-Dichloroethene	2.37	96	160560	51.491	ug/l	98
13) Acrolein	2.29	56	124946	255.328	ug/l	100
14) Allyl chloride	2.73	41	333122	50.840	ug/l	99
15) Acrylonitrile	3.15	53	529451	242.604	ug/l	100
16) Acetone	2.45	43	575832	257.323	ug/l	100
17) Carbon Disulfide	2.57	76	505703	53.436	ug/l	99
18) Methyl Acetate	2.78	43	235120	49.457	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	552235	51.479	ug/l	99
20) Methylene Chloride	2.85	84	176352	49.517	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	171170	49.889	ug/l	99
22) Diisopropyl ether	3.87	45	631112	52.544	ug/l	98
23) Vinyl Acetate	3.82	43	2781553	264.084	ug/l	99
24) 1,1-Dichloroethane	3.70	63	328670	50.848	ug/l	100
25) 2-Butanone	4.70	43	787451	248.555	ug/l	100
26) 2,2-Dichloropropane	4.58	77	226924	52.991	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	199119	50.717	ug/l	100
28) Bromochloromethane	5.02	49	165189	54.817	ug/l	99
29) Tetrahydrofuran	5.15	42	484846	245.347	ug/l	100
30) Chloroform	5.21	83	311676	50.975	ug/l	99
31) Cyclohexane	5.57	56	320199	53.900	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	264202	52.079	ug/l	99
36) 1,1-Dichloropropene	5.80	75	246699	52.423	ug/l	100
37) Ethyl Acetate	4.85	43	278778	49.920	ug/l	100
38) Carbon Tetrachloride	5.78	117	239267	53.556	ug/l	97

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Quant Time: Mar 07 07:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	325686	57.115	ug/l	97
40) Benzene	6.14	78	738180	52.690	ug/l	99
41) Methacrylonitrile	5.06	41	157581	51.757	ug/l	99
42) 1,2-Dichloroethane	6.20	62	236124	51.537	ug/l	100
43) Isopropyl Acetate	6.46	43	437511	52.937	ug/l	100
44) Trichloroethene	7.21	130	202927	52.561	ug/l	97
45) 1,2-Dichloropropane	7.51	63	196088	52.993	ug/l	99
46) Dibromomethane	7.66	93	122903	52.485	ug/l	99
47) Bromodichloromethane	7.90	83	238518	53.723	ug/l	99
48) Methyl methacrylate	7.77	41	229131	52.731	ug/l	99
49) 1,4-Dioxane	7.75	88	86565	969.784	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1362823	256.404	ug/l	100
52) Toluene	8.78	92	461330	53.936	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	267248	57.672	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	296686	56.696	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	183388	52.965	ug/l	99
56) Ethyl methacrylate	9.18	69	286330	55.077	ug/l	100
57) 1,3-Dichloropropane	9.37	76	308643	53.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	726414	270.125	ug/l	100
59) 2-Hexanone	9.49	43	1052707	255.105	ug/l	100
60) Dibromochloromethane	9.58	129	200765	55.474	ug/l	99
61) 1,2-Dibromoethane	9.67	107	194665	52.953	ug/l	100
64) Tetrachloroethene	9.34	164	194562	51.255	ug/l	98
65) Chlorobenzene	10.13	112	501440	52.313	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	184515	53.710	ug/l	100
67) Ethyl Benzene	10.25	91	864986	54.821	ug/l	100
68) m/p-Xylenes	10.36	106	666031	109.512	ug/l	99
69) o-Xylene	10.69	106	320662	54.612	ug/l	99
70) Styrene	10.71	104	532260	55.396	ug/l	100
71) Bromoform	10.85	173	158788	53.823	ug/l #	100
73) Isopropylbenzene	11.02	105	869746	54.588	ug/l	100
74) N-amyl acetate	10.90	43	378417	52.024	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	265521	48.313	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	314452	63.608	ug/l	91
77) Bromobenzene	11.26	156	223606	51.188	ug/l	100
78) n-propylbenzene	11.36	91	989682	55.991	ug/l	99
79) 2-Chlorotoluene	11.42	91	567953	52.552	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	712510	54.333	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	85604	55.351	ug/l	99
82) 4-Chlorotoluene	11.51	91	664578	53.659	ug/l	100
83) tert-Butylbenzene	11.77	119	719399	54.461	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	730761	54.359	ug/l	100
85) sec-Butylbenzene	11.94	105	871338	56.008	ug/l	100
86) p-Isopropyltoluene	12.06	119	786470	56.447	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	406951	52.659	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	408102	51.565	ug/l	100
89) n-Butylbenzene	12.38	91	687302	58.226	ug/l	99
90) Hexachloroethane	12.60	117	130335	55.949	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	396029	51.584	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56789	49.442	ug/l	98

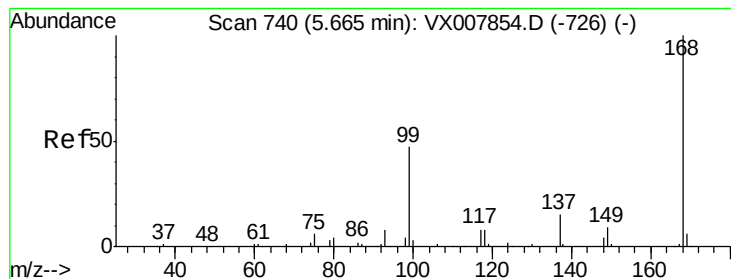
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX030619\
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Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	297121	55.091	ug/l	99
94) Hexachlorobutadiene	13.78	225	159183	56.453	ug/l	99
95) Naphthalene	13.83	128	841748	54.167	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	290208	54.016	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

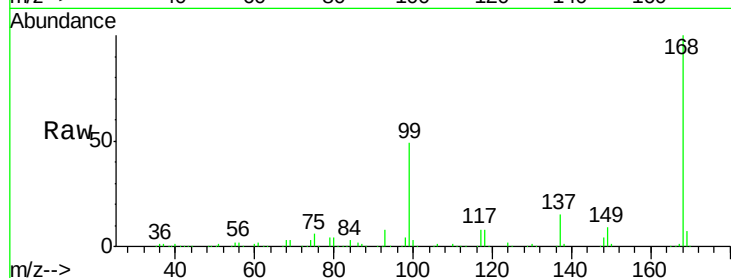
ICVVX030619

Tgt Ion:168 Resp: 366498

Ion Ratio Lower Upper

168 100

99 48.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

150000

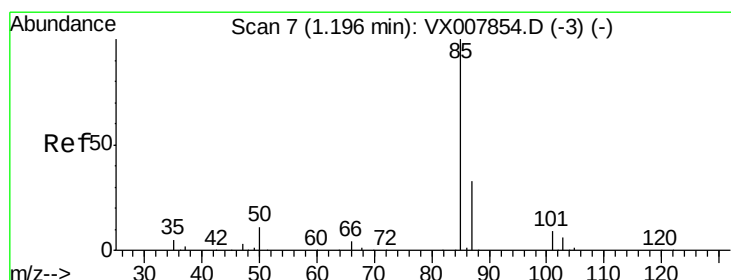
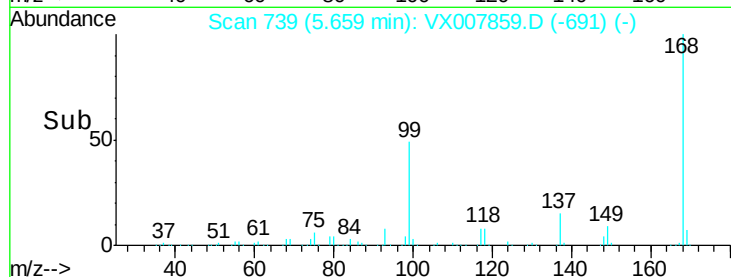
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.113 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007859.D

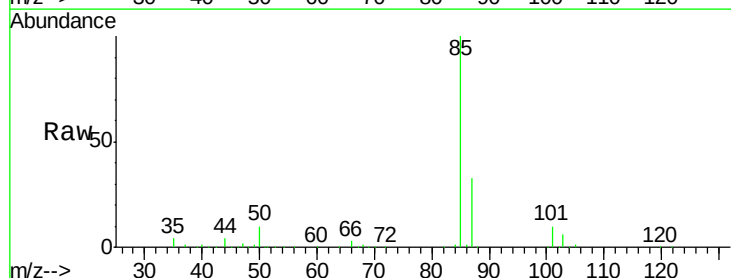
Acq: 06 Mar 2019 13:39

Tgt Ion: 85 Resp: 166308

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

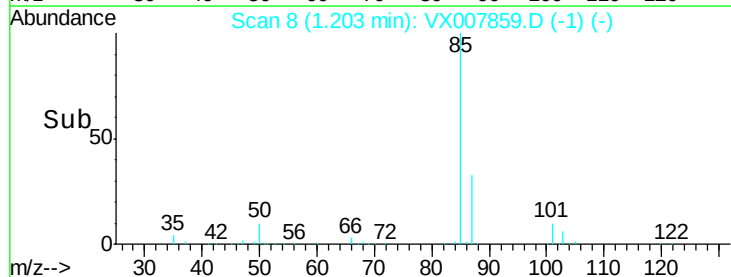
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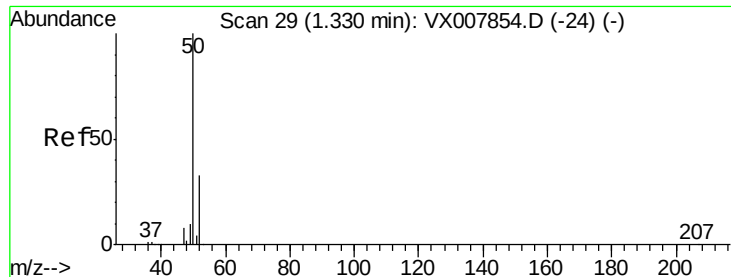
50000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 50.921 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

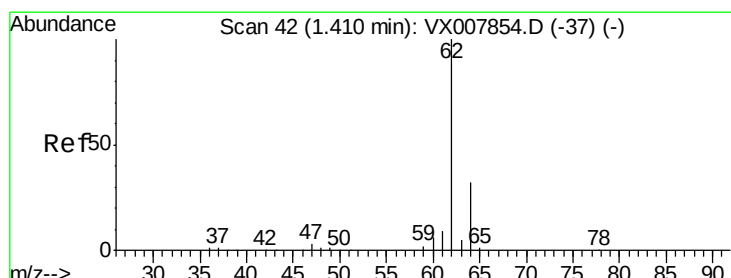
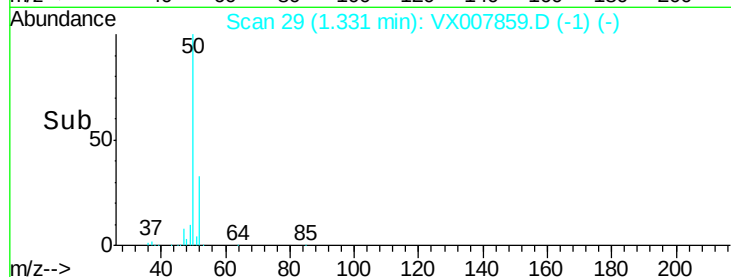
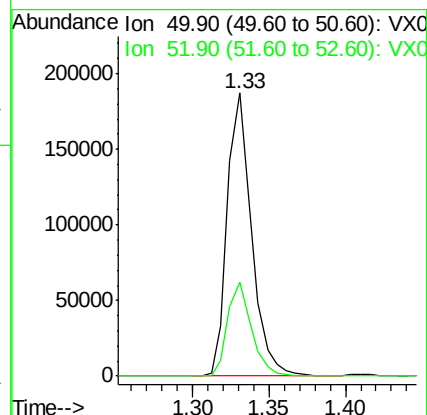
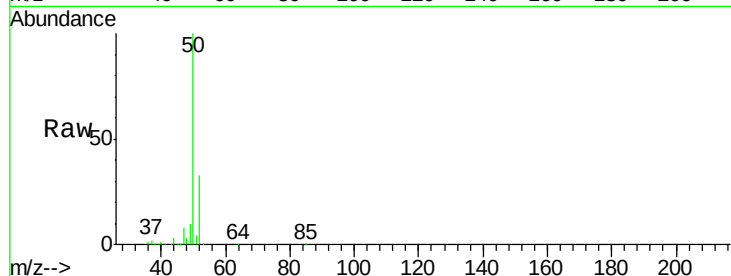
ICVVX030619

Tgt Ion: 50 Resp: 205477

Ion Ratio Lower Upper

50 100

52 33.1 26.5 39.7



#4

Vinyl Chloride

Concen: 51.669 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007859.D

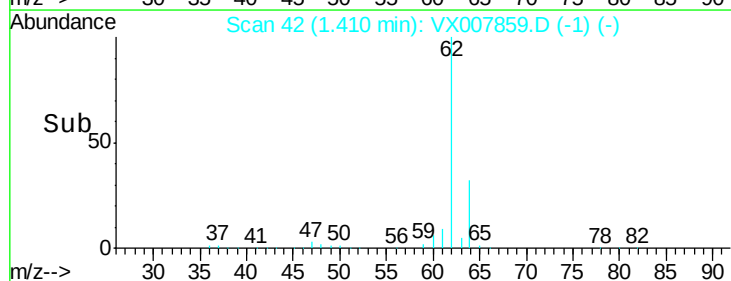
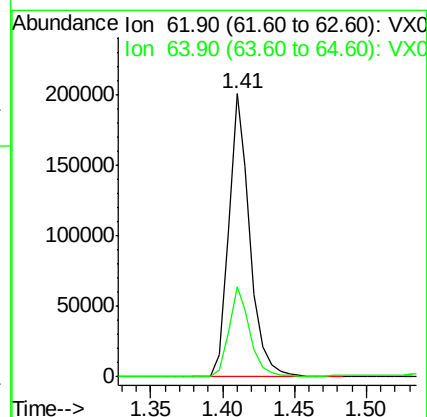
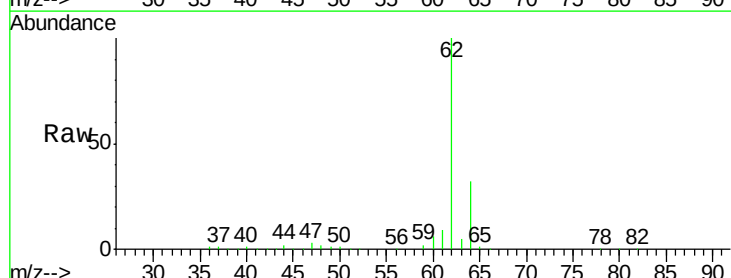
Acq: 06 Mar 2019 13:39

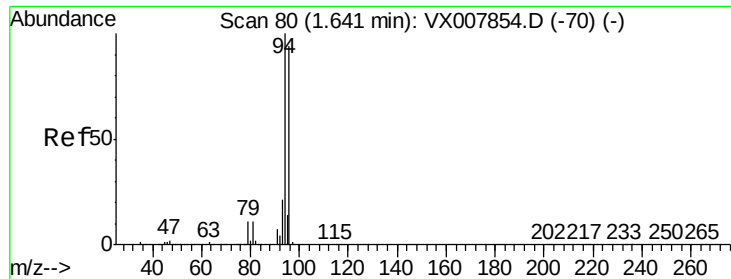
Tgt Ion: 62 Resp: 207164

Ion Ratio Lower Upper

62 100

64 31.7 25.3 37.9





#5

Bromomethane

Concen: 52.648 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

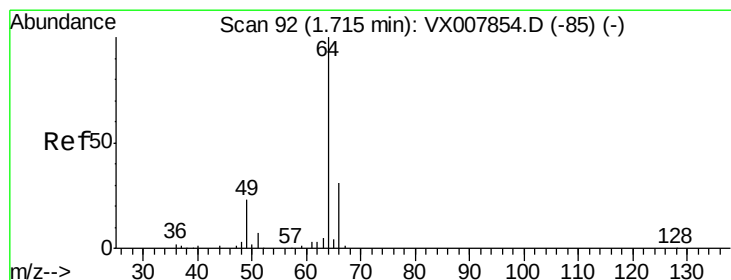
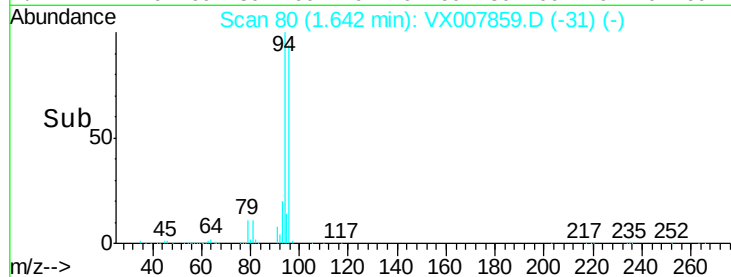
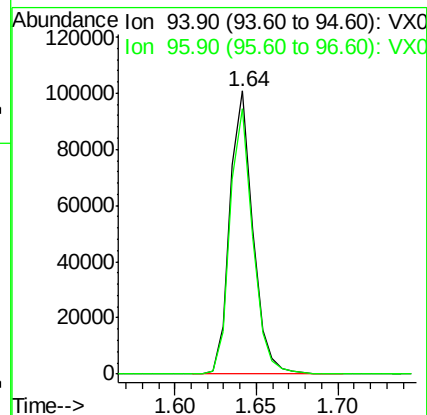
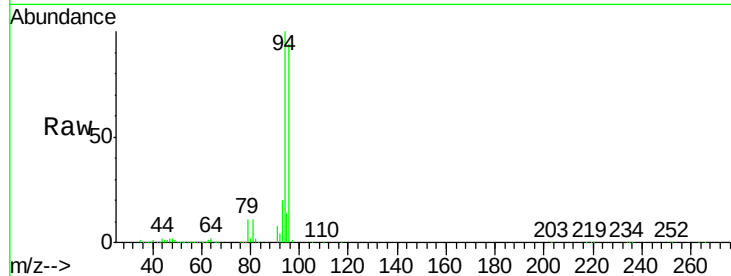
ICVVX030619

Tgt Ion: 94 Resp: 98947

Ion Ratio Lower Upper

94 100

96 93.9 75.5 113.3



#6

Chloroethane

Concen: 48.631 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007859.D

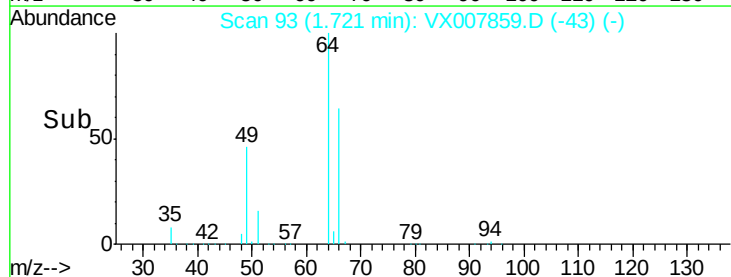
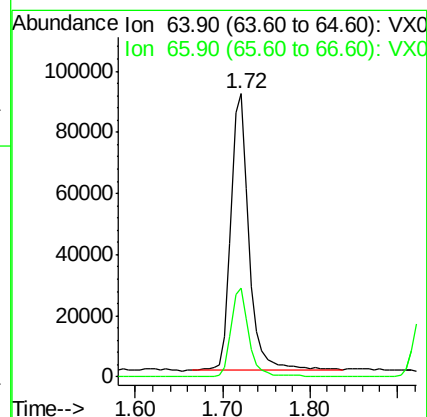
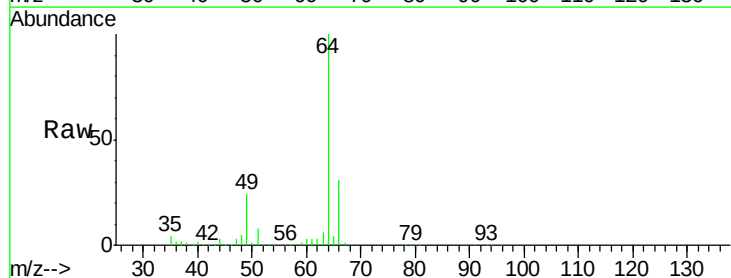
Acq: 06 Mar 2019 13:39

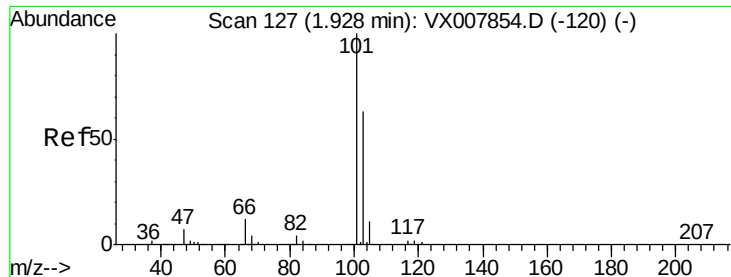
Tgt Ion: 64 Resp: 129531

Ion Ratio Lower Upper

64 100

66 32.0 25.2 37.8



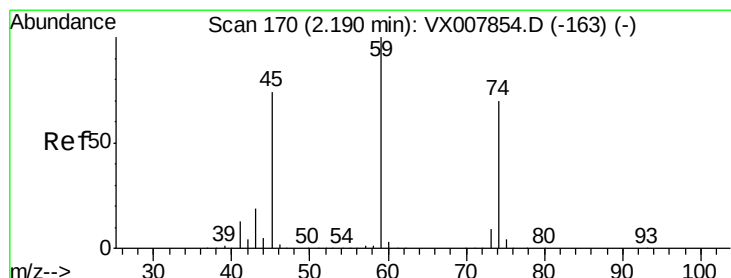
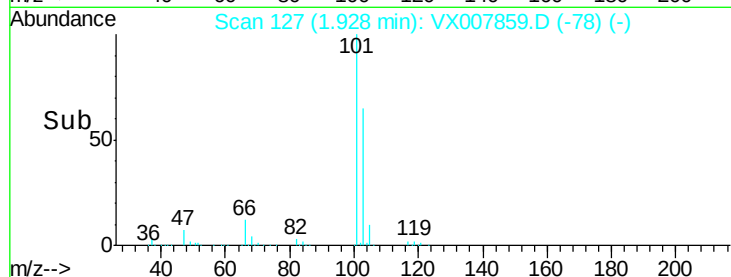
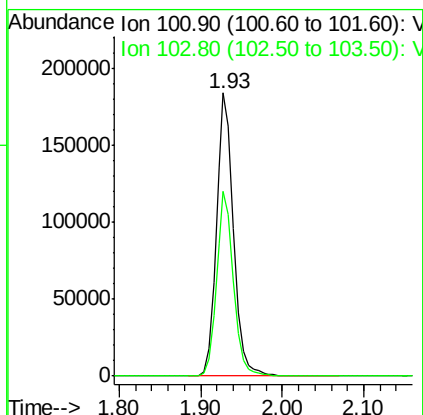
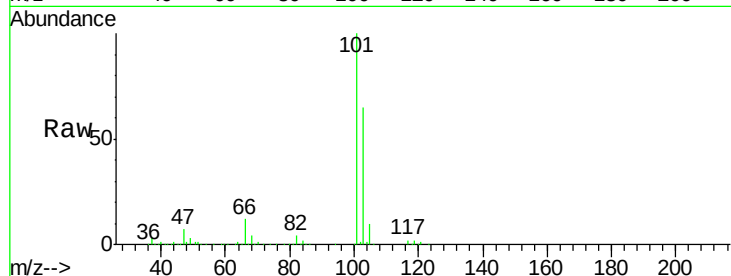


#7

Trichlorofluoromethane
 Concen: 51.713 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

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 MSVOA_X
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 ICVVX030619

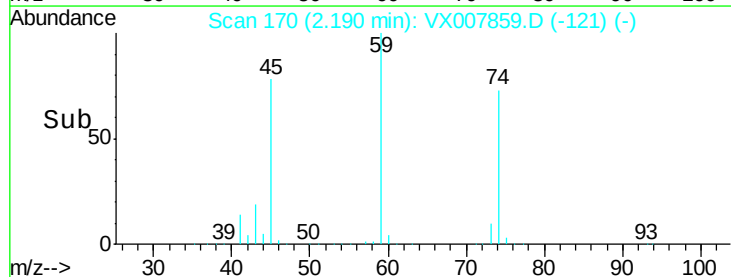
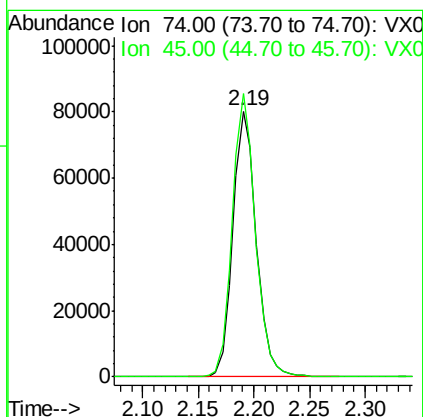
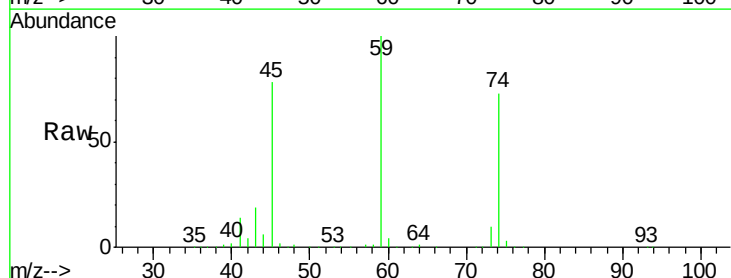
Tgt Ion: 101 Resp: 269950
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.4 75.6

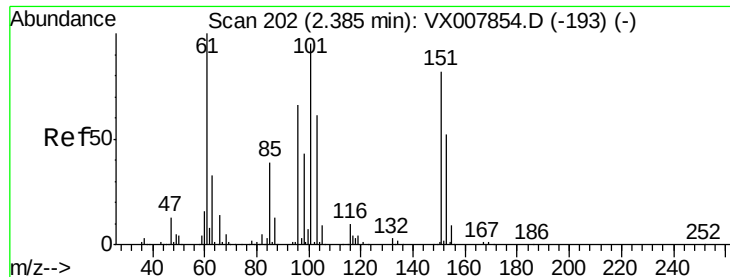


#8

Diethyl Ether
 Concen: 51.607 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion: 74 Resp: 116656
 Ion Ratio Lower Upper
 74 100
 45 104.9 52.1 156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.171 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

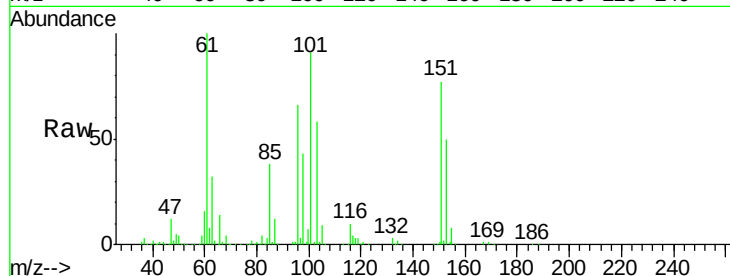
Tgt Ion:101 Resp: 172002

Ion Ratio Lower Upper

101 100

85 41.9 33.8 50.6

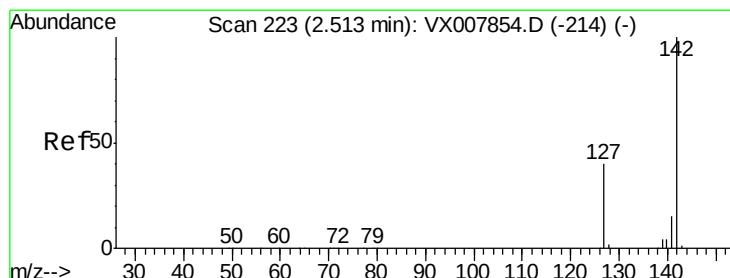
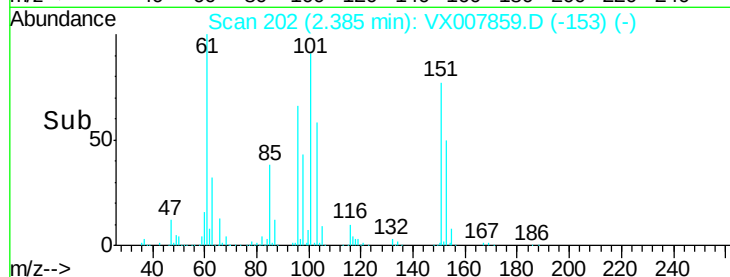
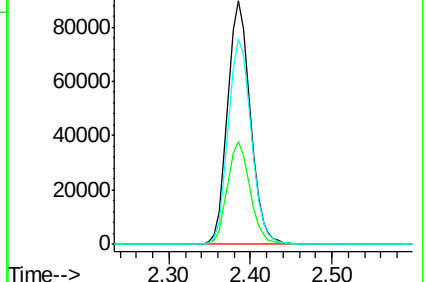
151 85.9 69.1 103.7



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: 53.578 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

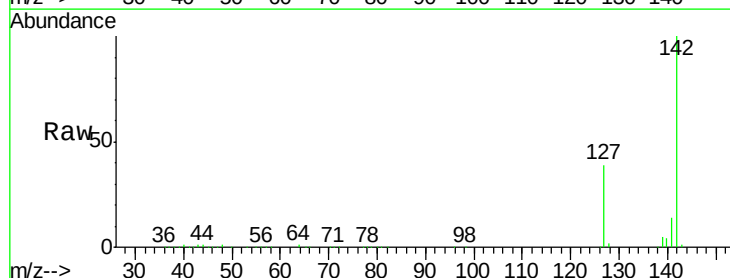
Tgt Ion:142 Resp: 245879

Ion Ratio Lower Upper

142 100

127 39.4 32.1 48.1

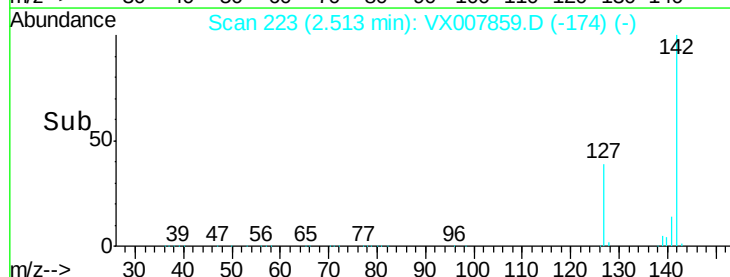
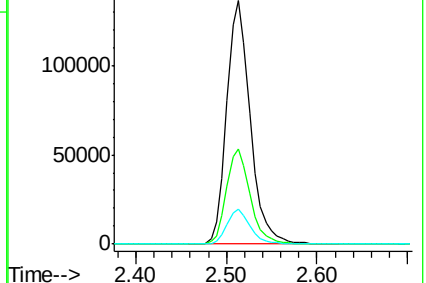
141 14.1 11.4 17.2

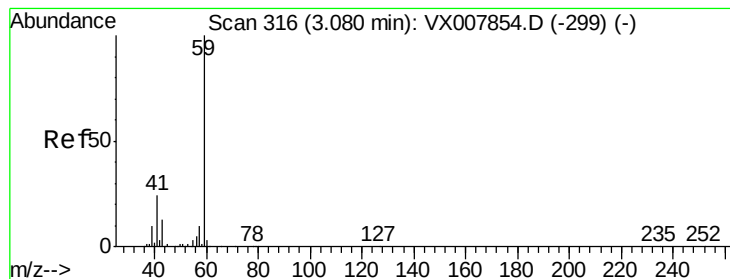


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



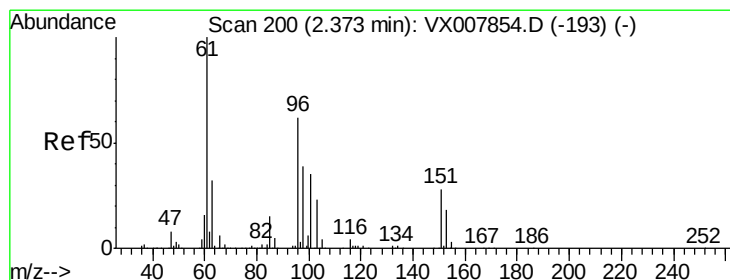
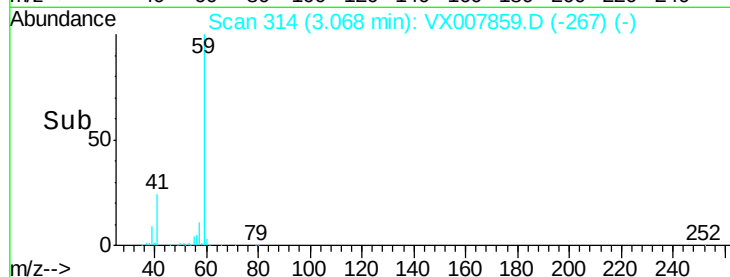
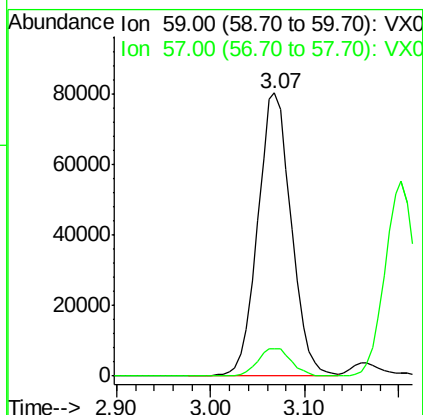
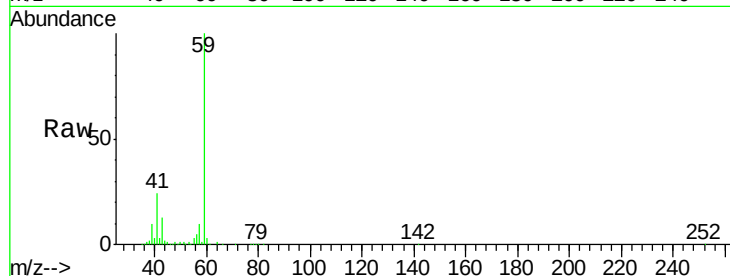


#11

Tert butyl alcohol
 Concen: 232.068 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

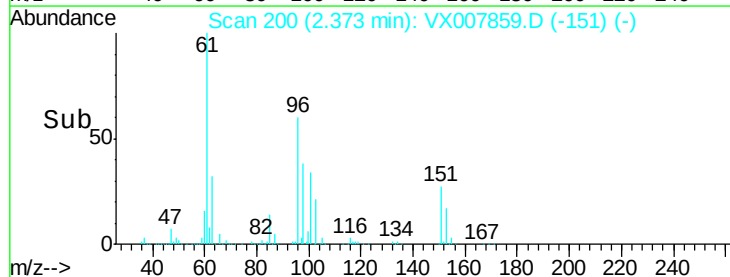
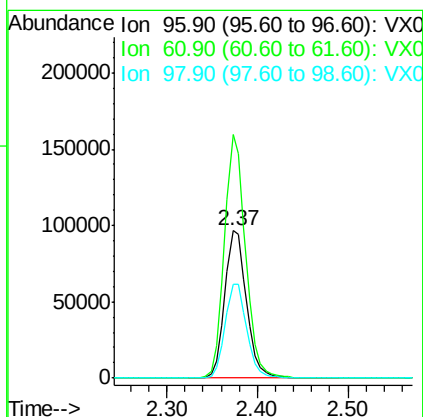
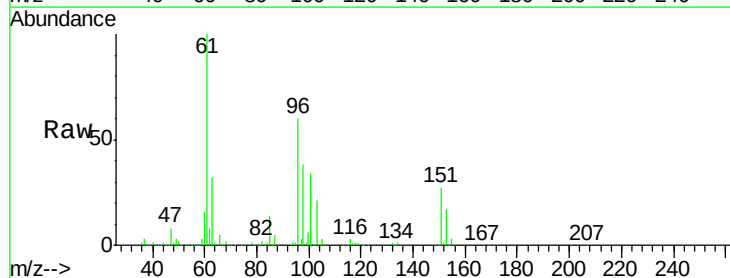
Tgt Ion: 59 Resp: 200649
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.2

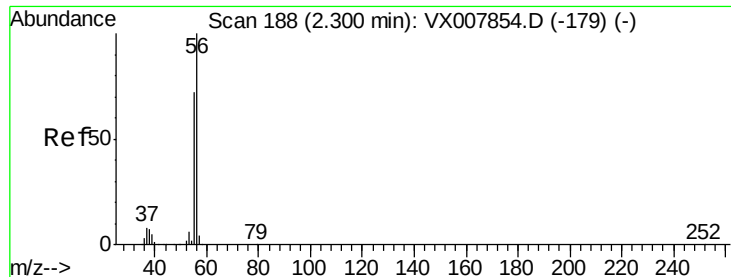


#12

1,1-Dichloroethene
 Concen: 51.491 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion: 96 Resp: 160560
 Ion Ratio Lower Upper
 96 100
 61 165.5 129.8 194.6
 98 63.7 51.0 76.6





#13

Acrolein

Concen: 255.328 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

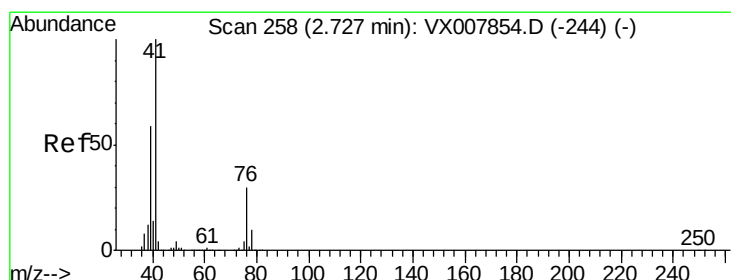
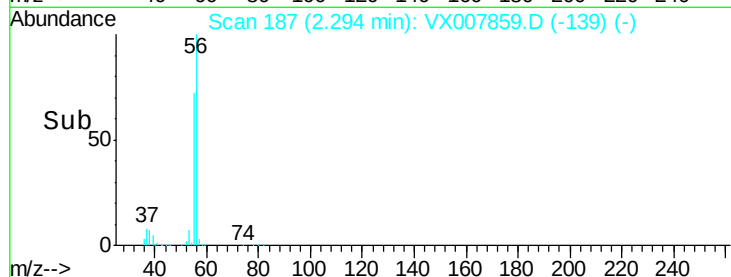
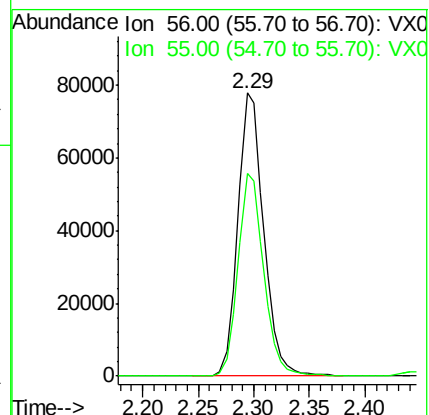
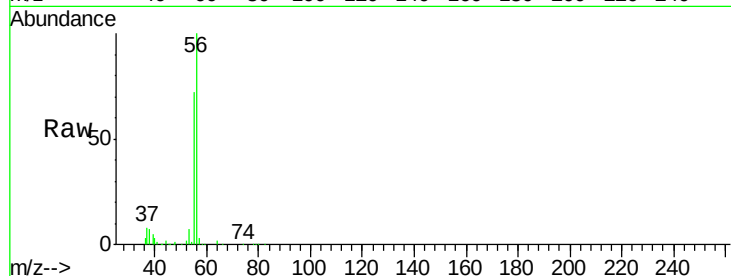
ICVVX030619

Tgt Ion: 56 Resp: 124946

Ion Ratio Lower Upper

56 100

55 71.8 57.8 86.6



#14

Allyl chloride

Concen: 50.840 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

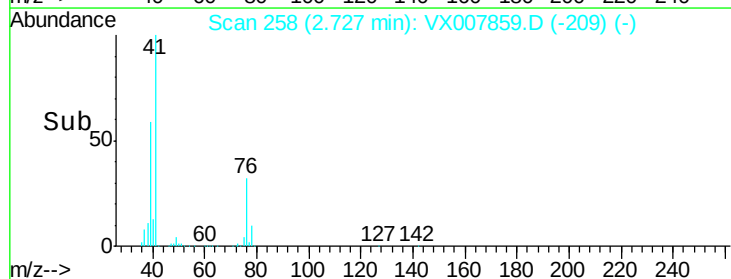
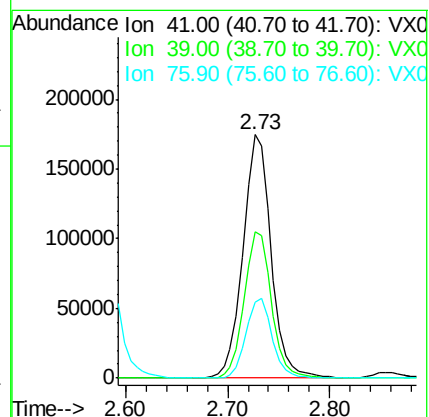
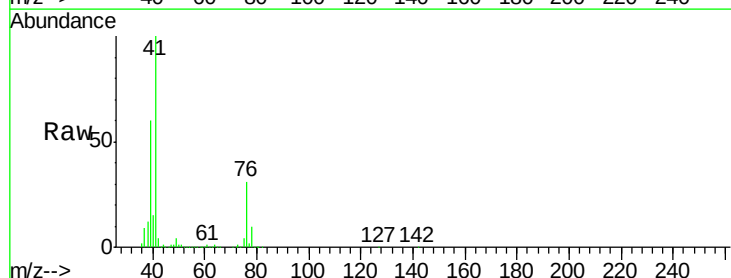
Tgt Ion: 41 Resp: 333122

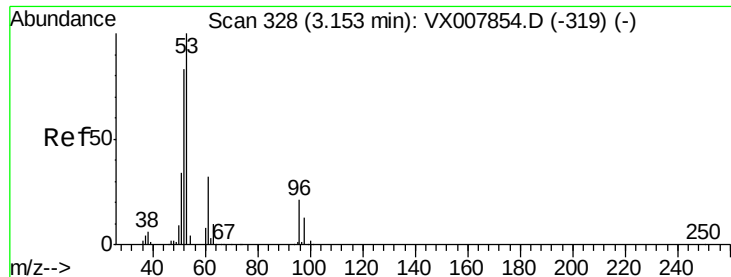
Ion Ratio Lower Upper

41 100

39 58.4 46.1 69.1

76 30.5 24.0 36.0





#15

Acrylonitrile

Concen: 242.604 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

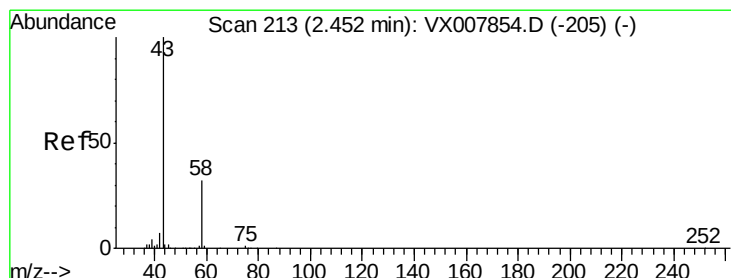
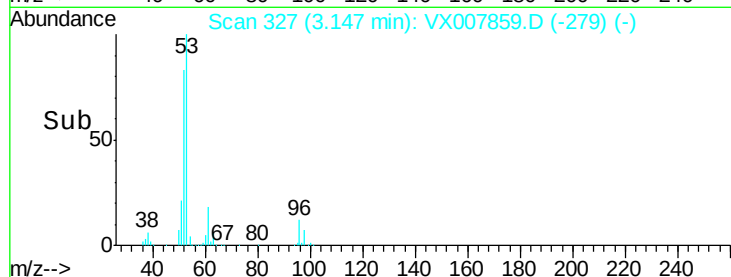
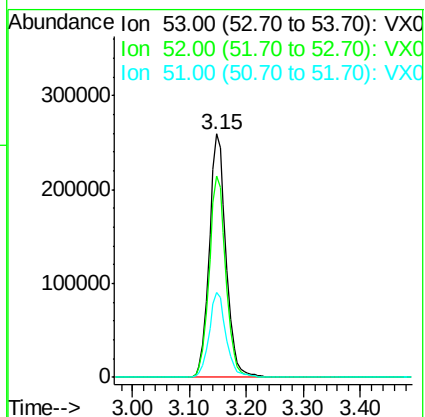
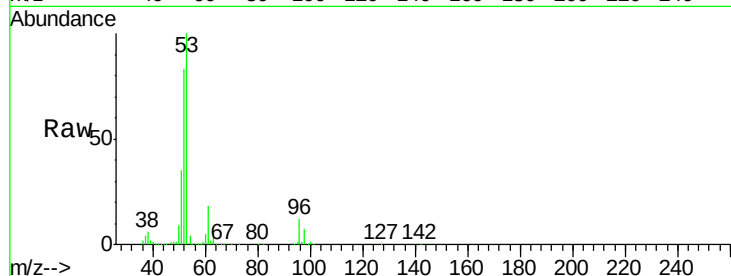
Tgt Ion: 53 Resp: 529451

Ion Ratio Lower Upper

53 100

52 82.4 66.0 99.0

51 35.2 28.0 42.0



#16

Acetone

Concen: 257.323 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007859.D

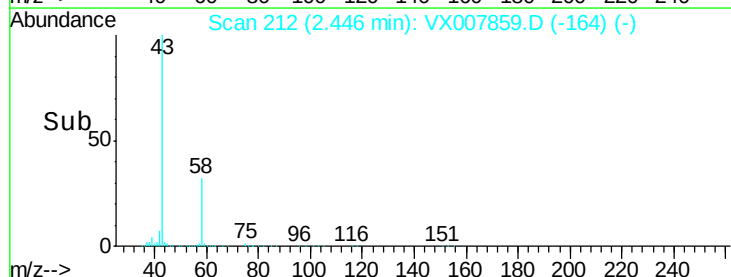
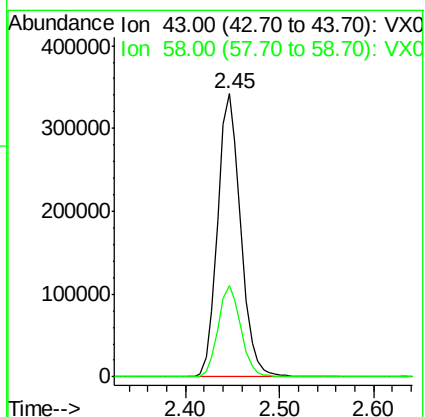
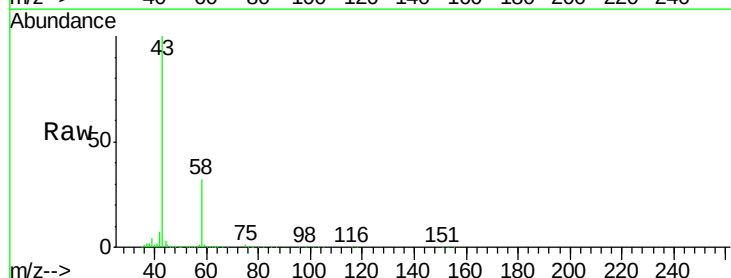
Acq: 06 Mar 2019 13:39

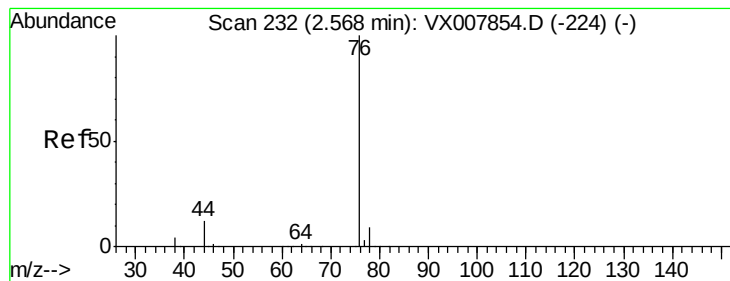
Tgt Ion: 43 Resp: 575832

Ion Ratio Lower Upper

43 100

58 32.1 25.5 38.3





#17

Carbon Disulfide

Concen: 53.436 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

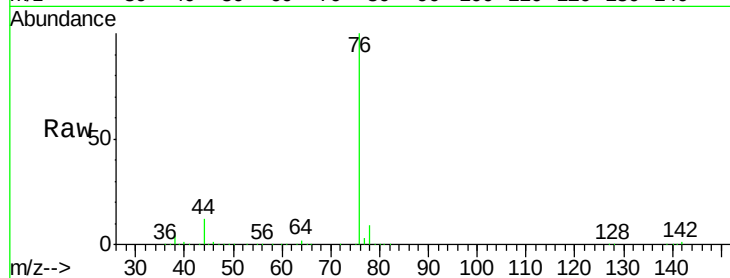
ICVVX030619

Tgt Ion: 76 Resp: 505703

Ion Ratio Lower Upper

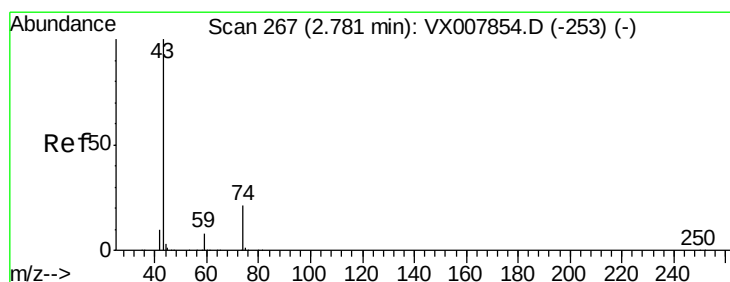
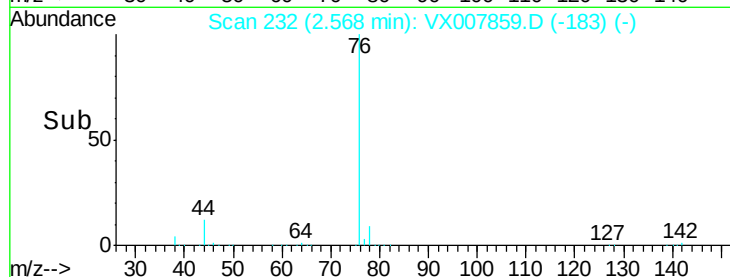
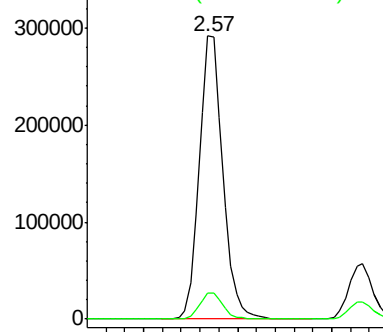
76 100

78 9.2 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.457 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007859.D

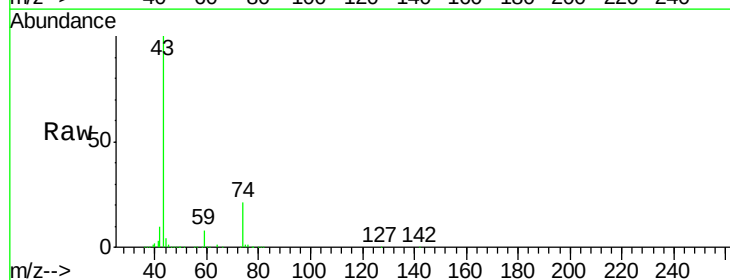
Acq: 06 Mar 2019 13:39

Tgt Ion: 43 Resp: 235120

Ion Ratio Lower Upper

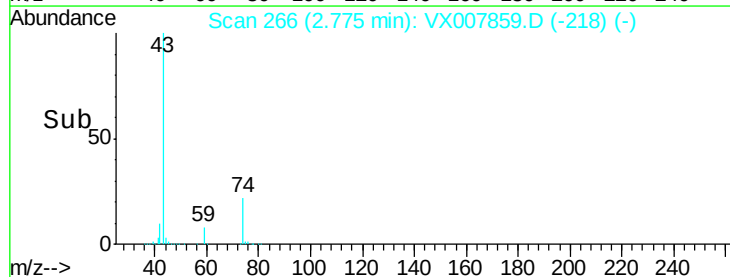
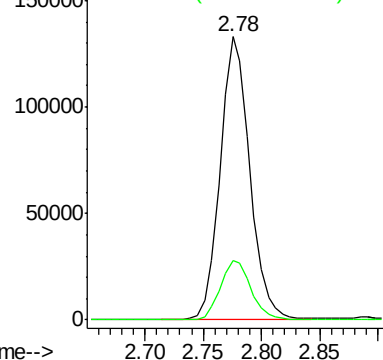
43 100

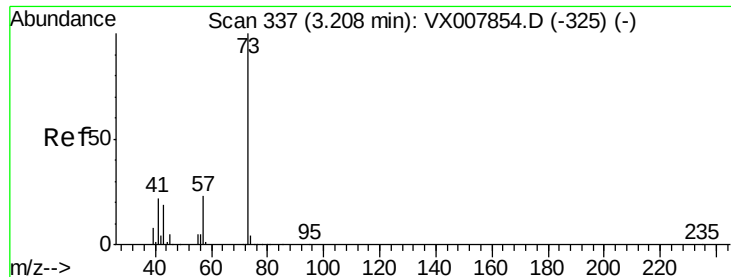
74 22.2 17.8 26.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

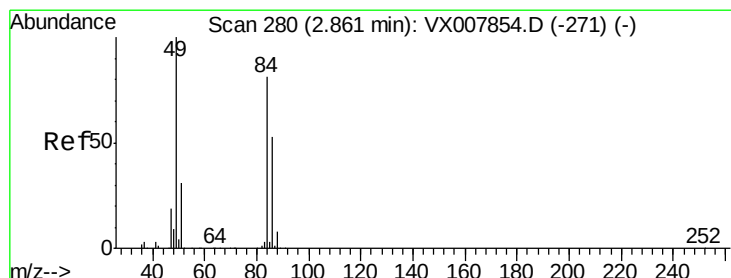
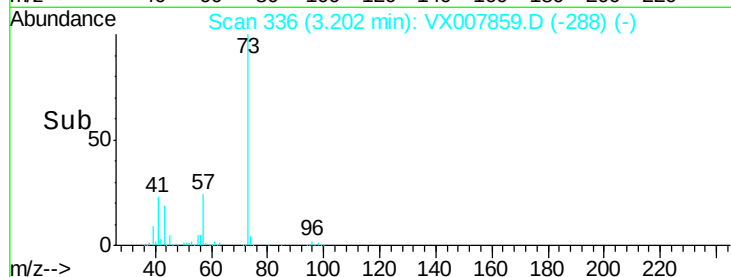
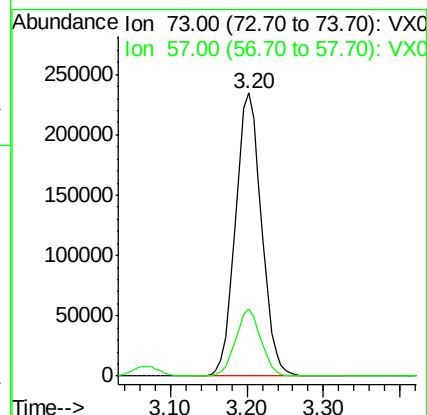
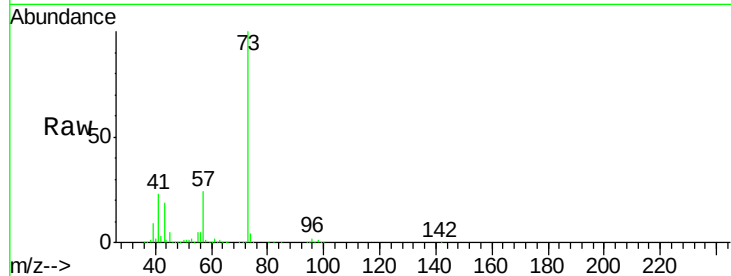




#19
Methyl tert-butyl Ether
Concen: 51.479 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

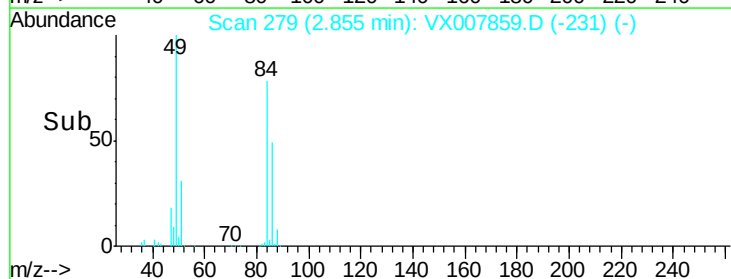
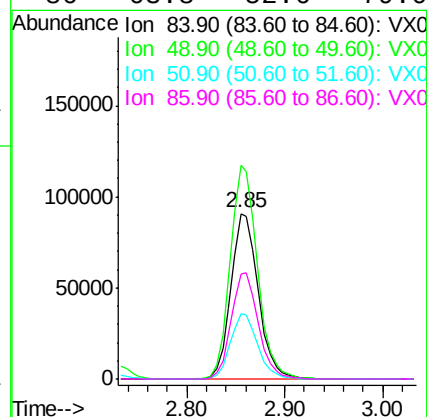
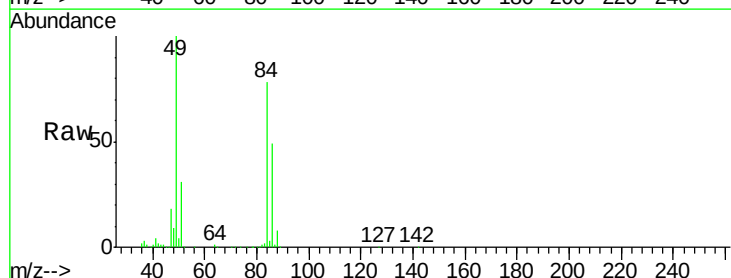
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

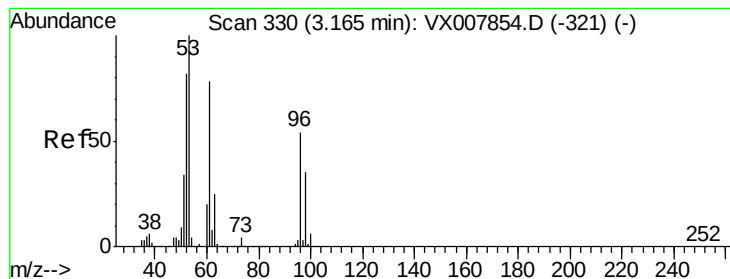
Tgt Ion: 73 Resp: 552235
Ion Ratio Lower Upper
73 100
57 23.5 18.2 27.4



#20
Methylene Chloride
Concen: 49.517 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 84 Resp: 176352
Ion Ratio Lower Upper
84 100
49 129.0 99.3 148.9
51 39.6 31.3 46.9
86 63.8 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 49.889 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

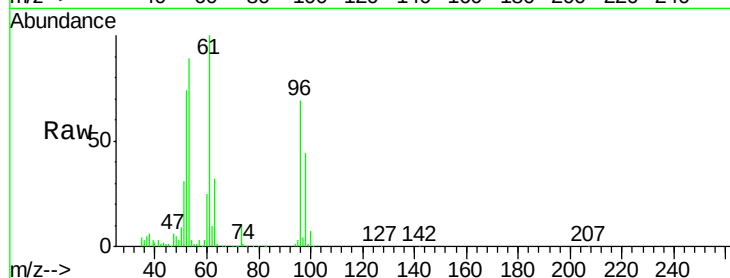
Tgt Ion: 96 Resp: 171170

Ion Ratio Lower Upper

96 100

61 143.9 114.4 171.6

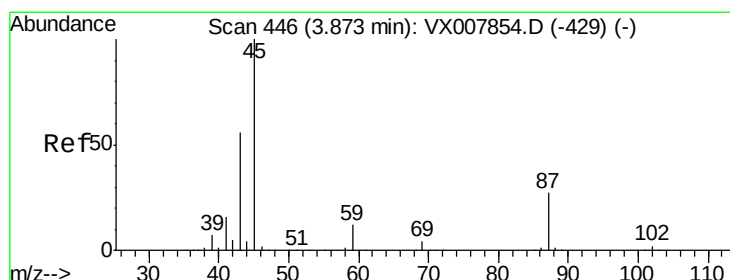
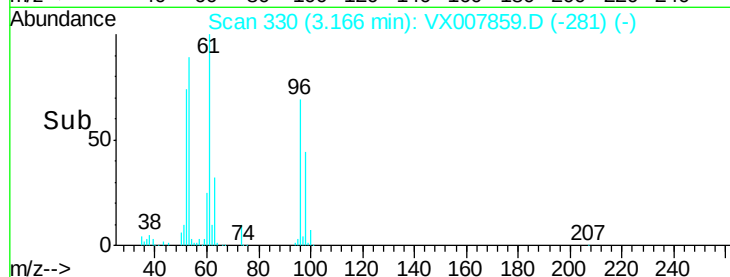
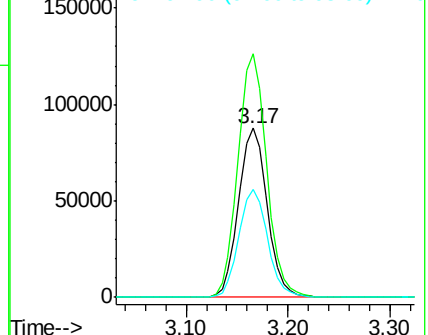
98 63.7 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.544 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Tgt Ion: 45 Resp: 631112

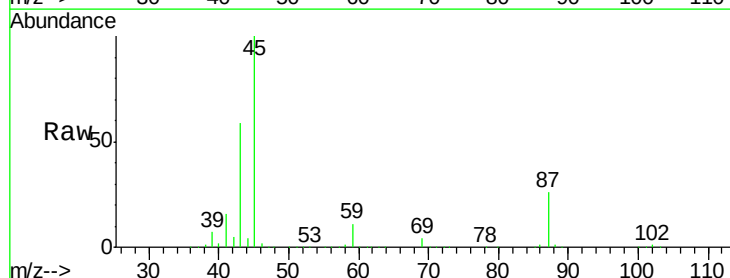
Ion Ratio Lower Upper

45 100

43 58.5 45.3 67.9

87 25.8 21.4 32.0

59 10.9 9.5 14.3

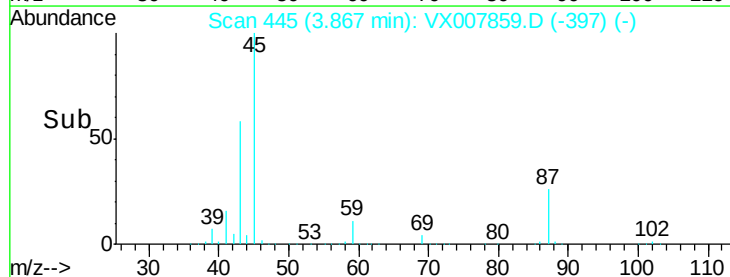
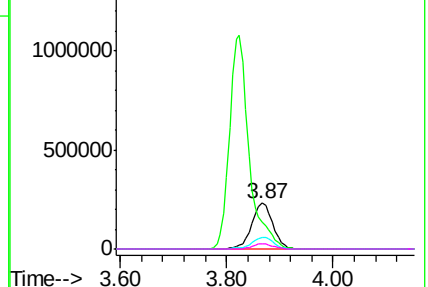


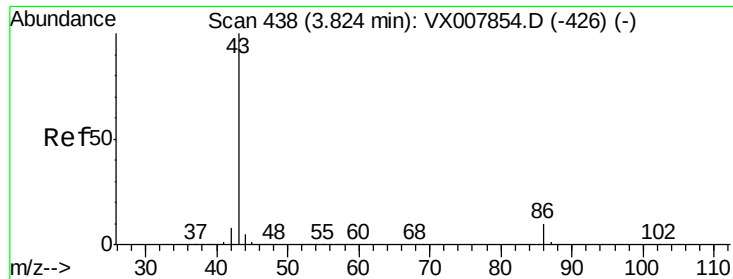
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 264.084 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

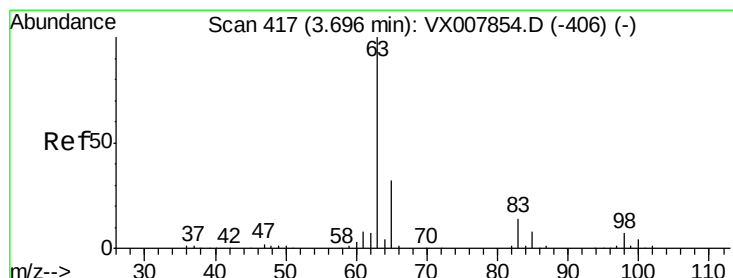
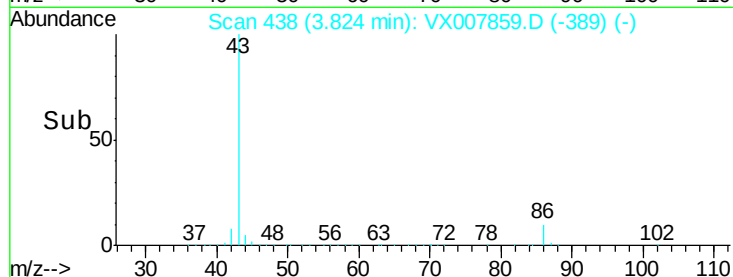
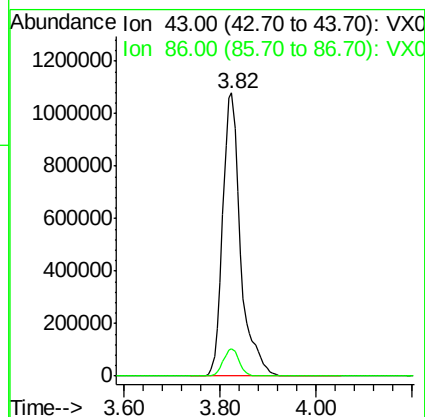
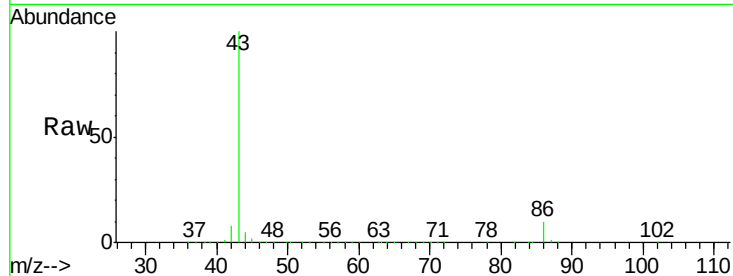
ICVVX030619

Tgt Ion: 43 Resp: 2781553

Ion Ratio Lower Upper

43 100

86 9.6 7.9 11.9



#24

1,1-Dichloroethane

Concen: 50.848 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

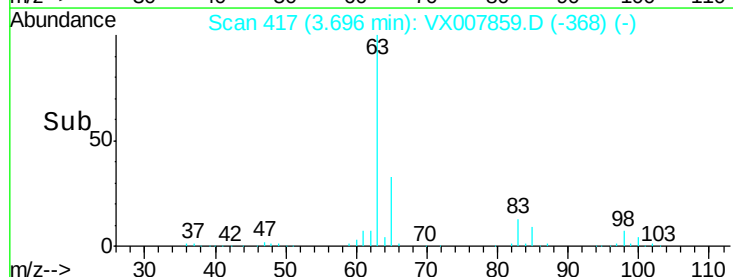
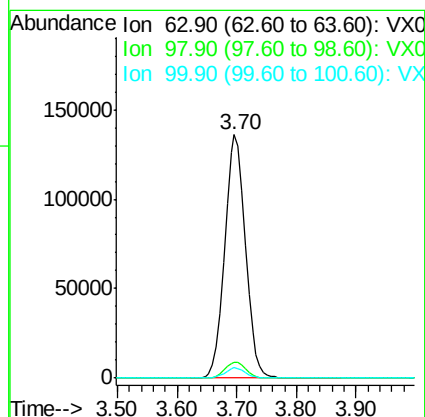
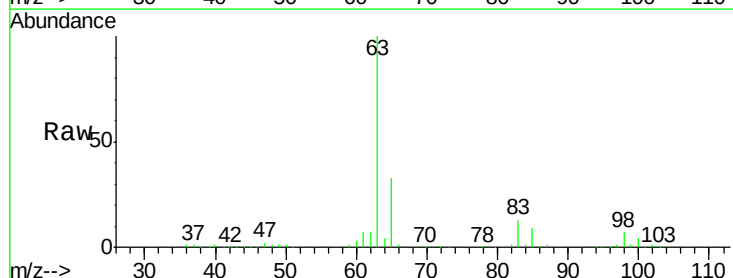
Tgt Ion: 63 Resp: 328670

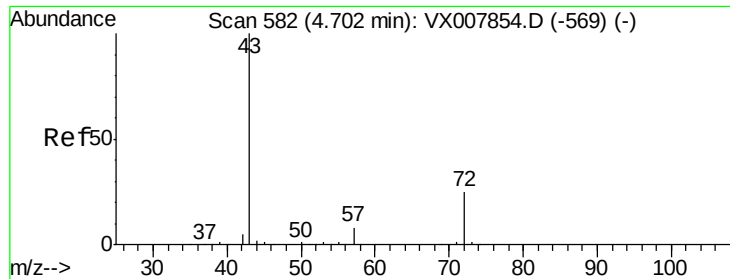
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

100 4.2 2.3 6.8





#25

2-Butanone

Concen: 248.555 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

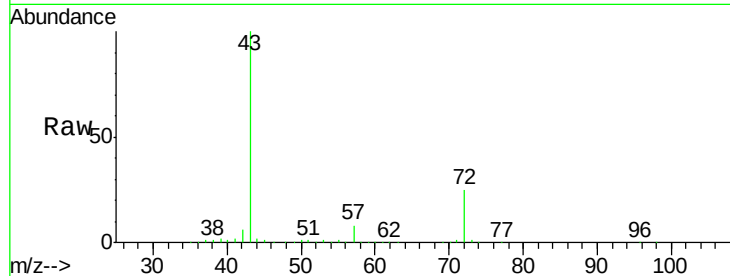
ICVVX030619

Tgt Ion: 43 Resp: 787451

Ion Ratio Lower Upper

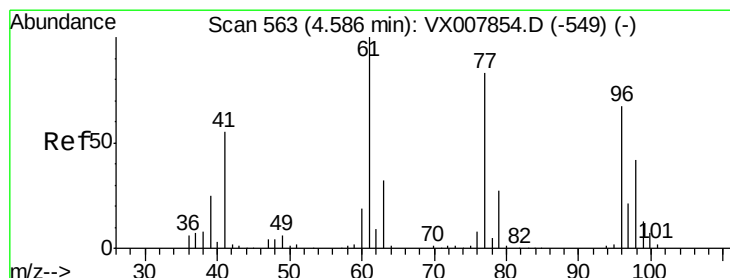
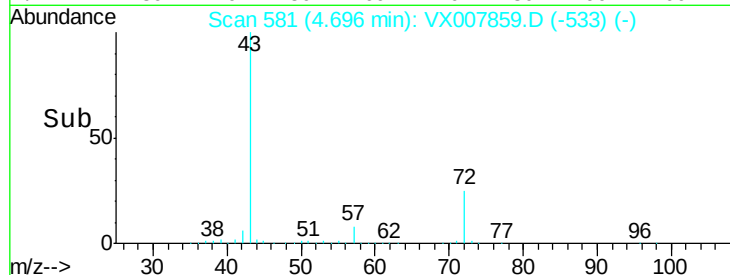
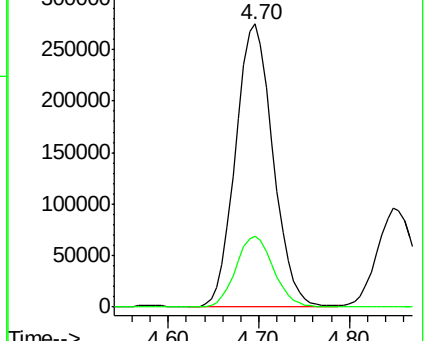
43 100

72 25.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 52.991 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007859.D

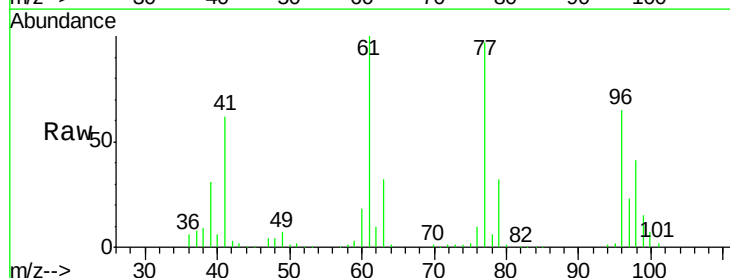
Acq: 06 Mar 2019 13:39

Tgt Ion: 77 Resp: 226924

Ion Ratio Lower Upper

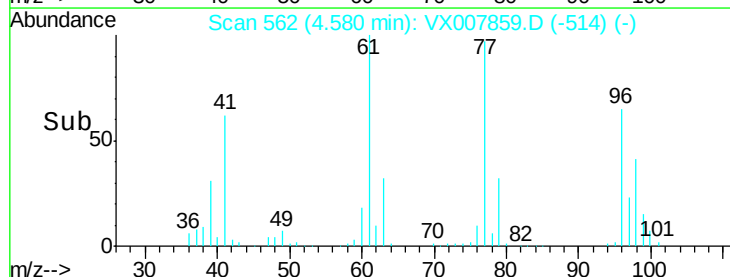
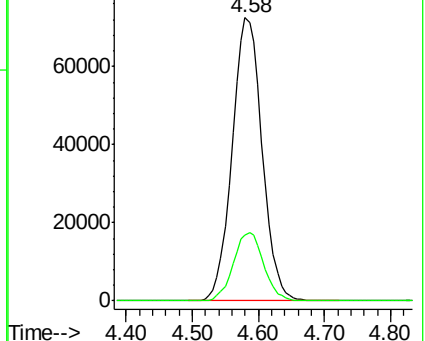
77 100

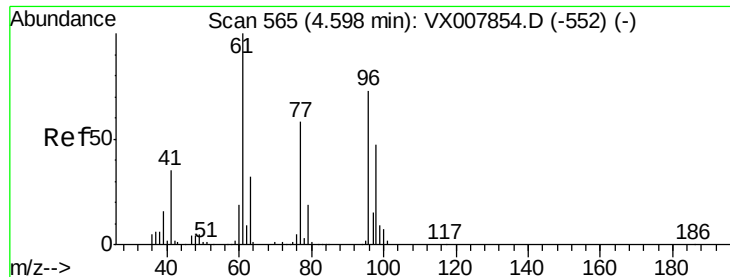
97 24.4 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



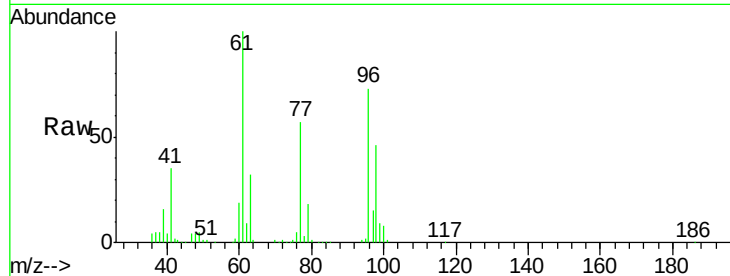


#27

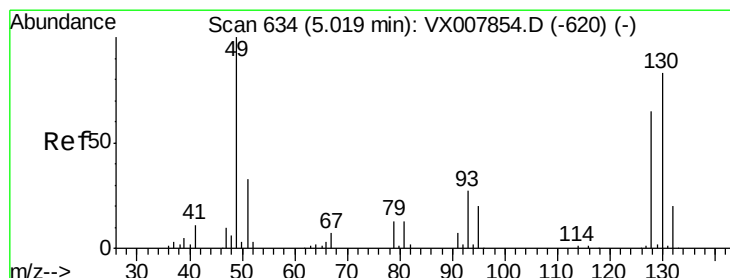
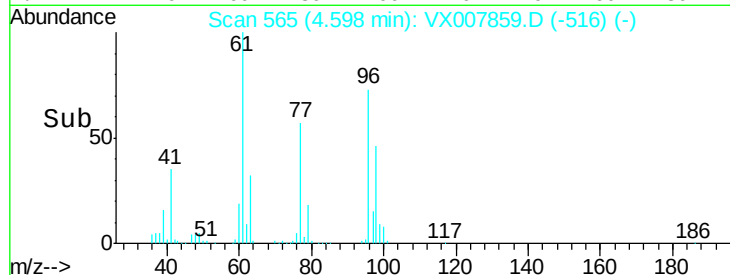
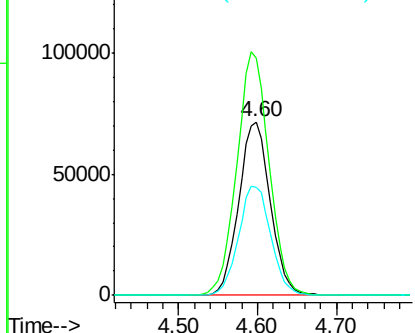
cis-1,2-Dichloroethene
Concen: 50.717 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

Tgt Ion: 96 Resp: 199119
Ion Ratio Lower Upper
96 100
61 144.0 0.0 288.0
98 64.6 0.0 129.0



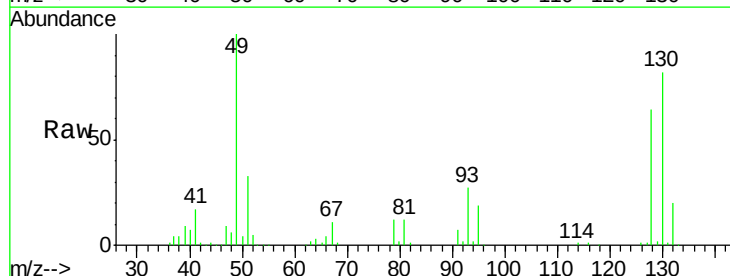
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



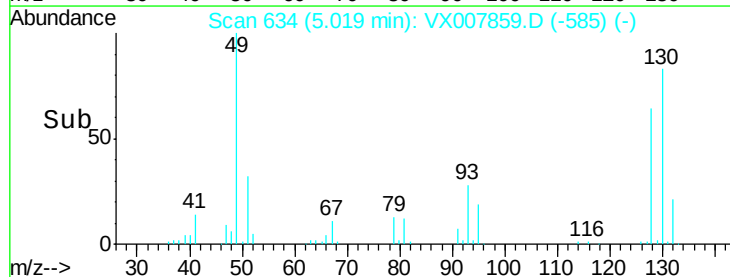
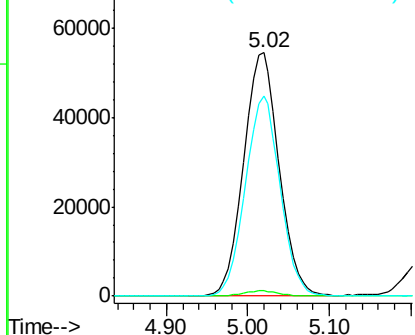
#28

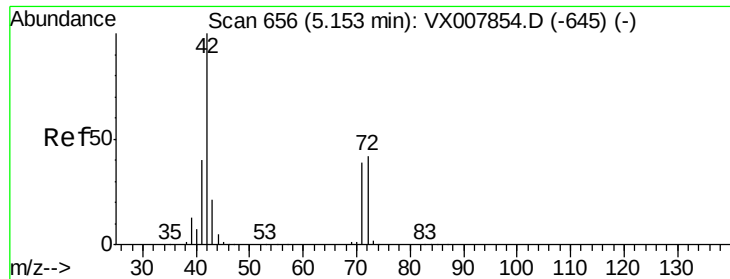
Bromochloromethane
Concen: 54.817 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 49 Resp: 165189
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 80.6 65.0 97.4



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

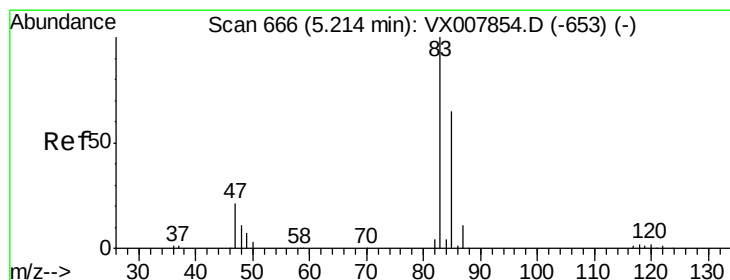
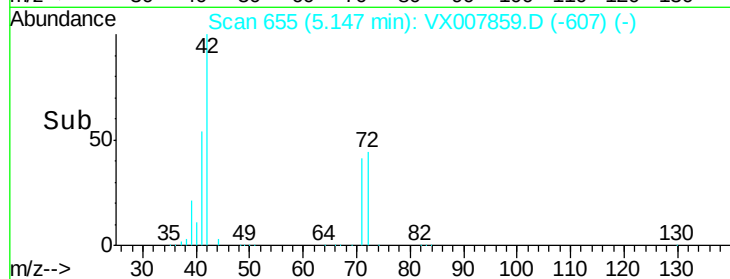
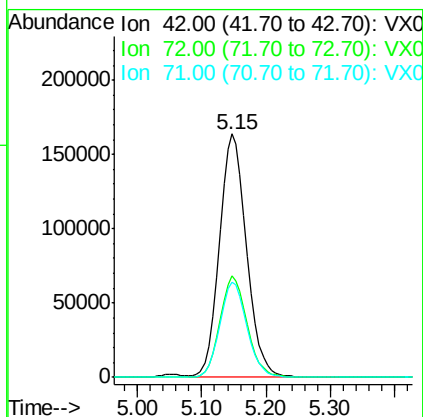
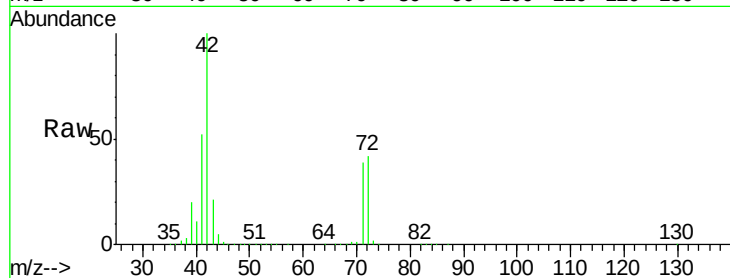




#29
Tetrahydrofuran
Concen: 245.347 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

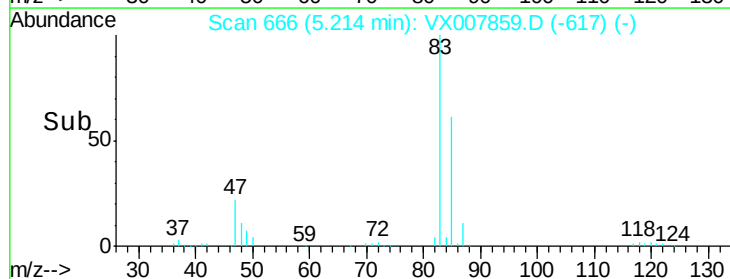
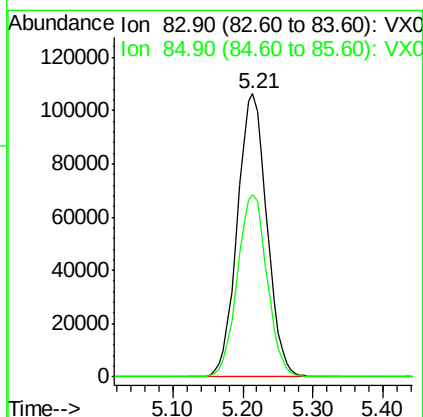
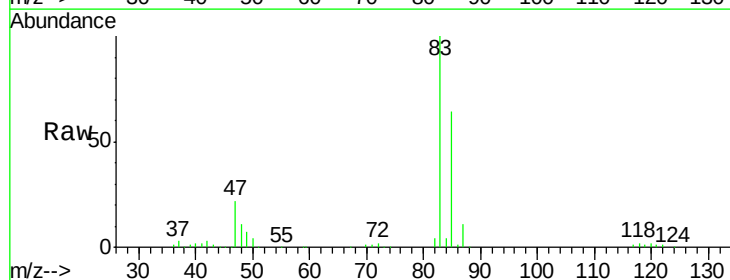
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

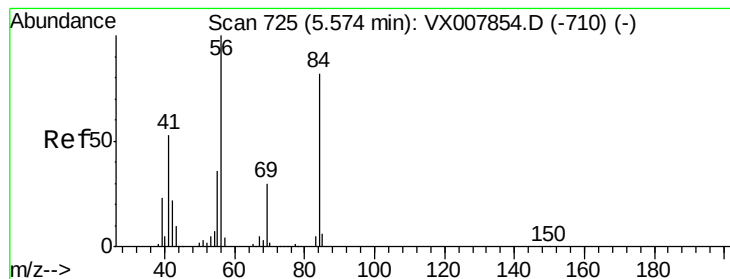
Tgt Ion: 42 Resp: 484846
Ion Ratio Lower Upper
42 100
72 42.0 33.8 50.6
71 39.3 31.5 47.3



#30
Chloroform
Concen: 50.975 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 83 Resp: 311676
Ion Ratio Lower Upper
83 100
85 64.3 51.8 77.6





#31

Cyclohexane

Concen: 53.900 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

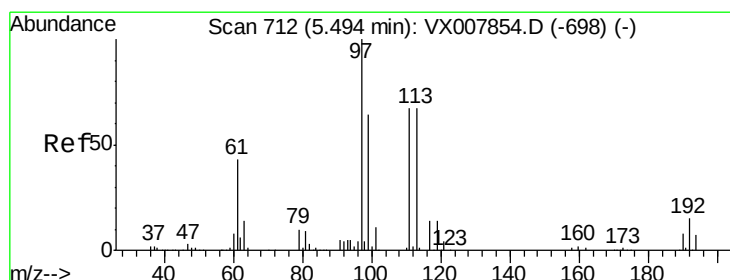
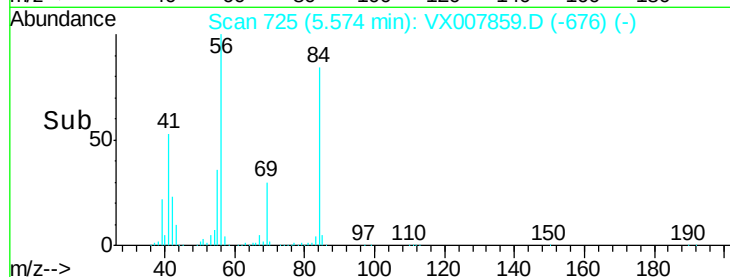
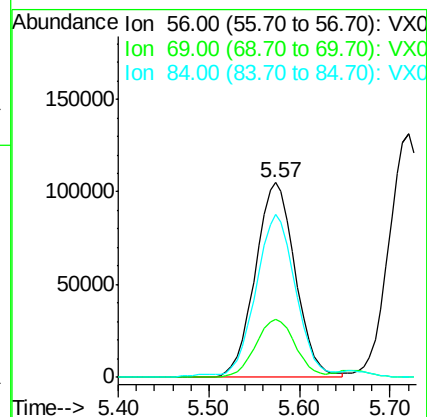
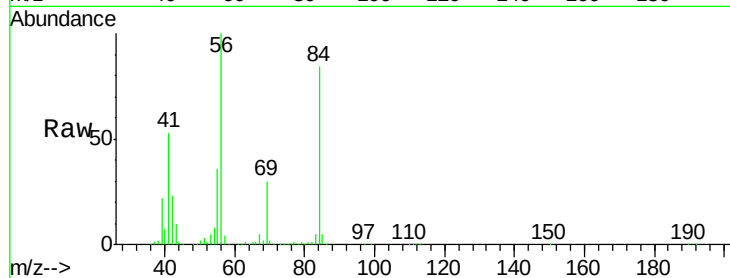
Tgt Ion: 56 Resp: 320199

Ion Ratio Lower Upper

56 100

69 29.8 24.0 36.0

84 82.7 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 52.079 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

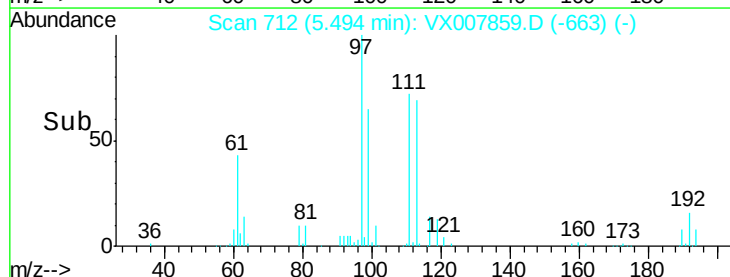
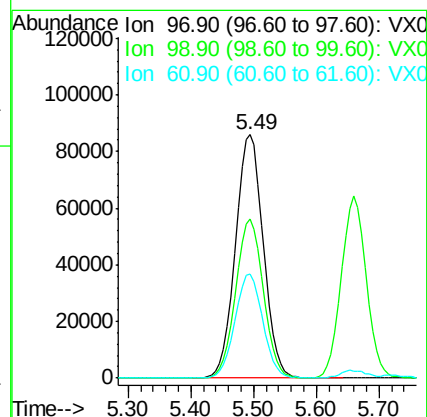
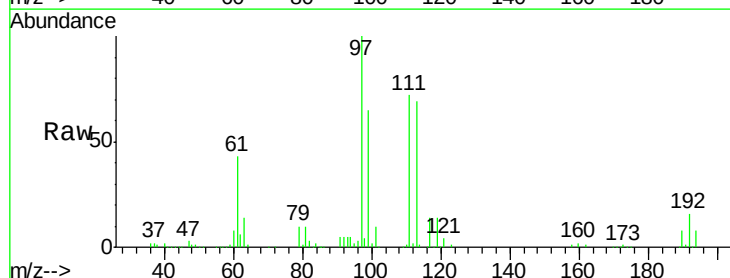
Tgt Ion: 97 Resp: 264202

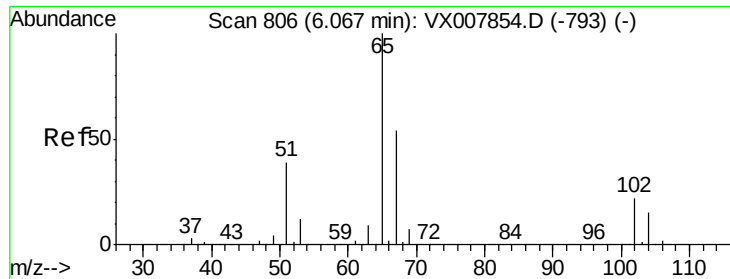
Ion Ratio Lower Upper

97 100

99 64.7 52.2 78.2

61 42.8 34.9 52.3

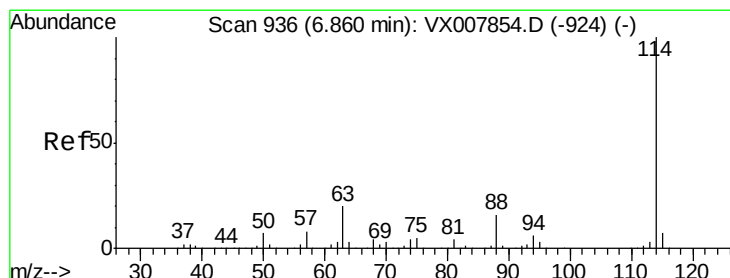
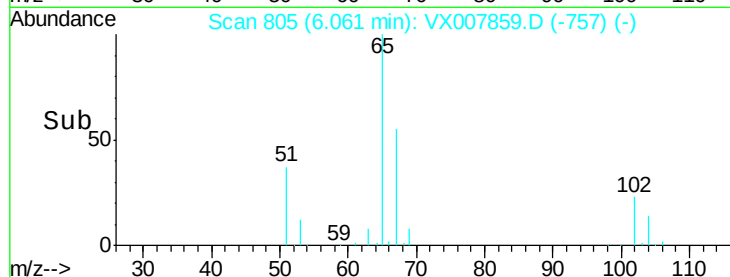
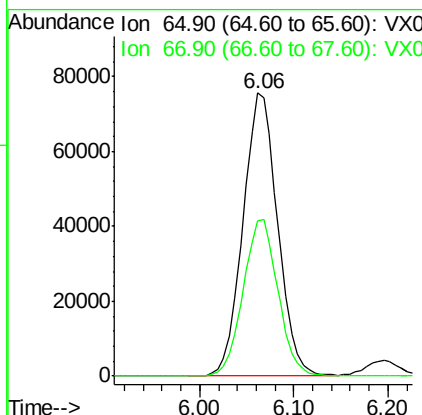
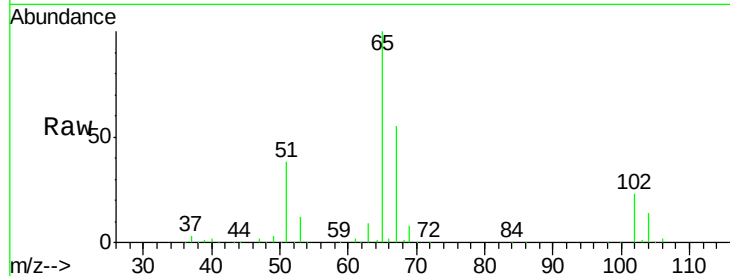




#33
 1,2-Dichloroethane-d4
 Concen: 50.566 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

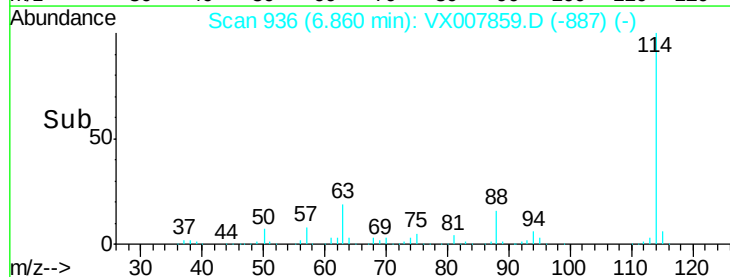
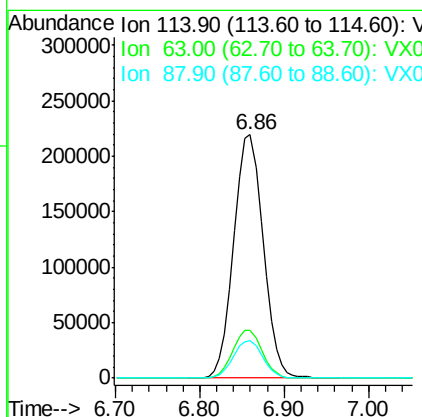
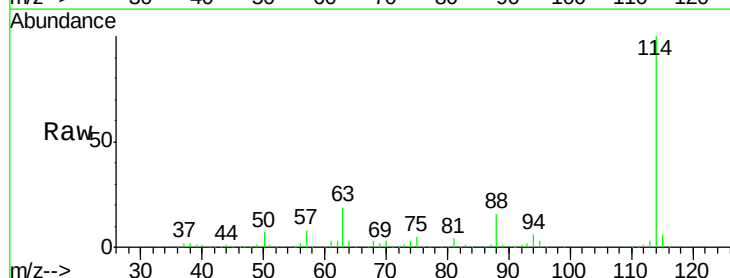
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

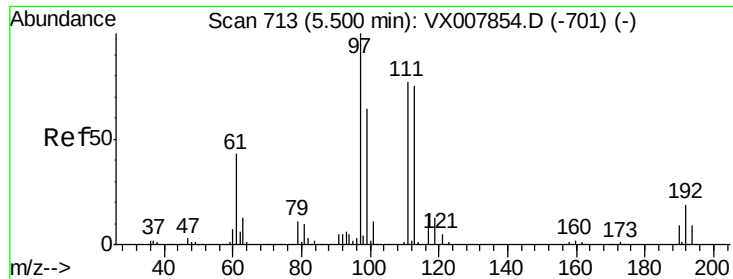
Tgt Ion: 65 Resp: 195498
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 110.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion: 114 Resp: 519714
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.483 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

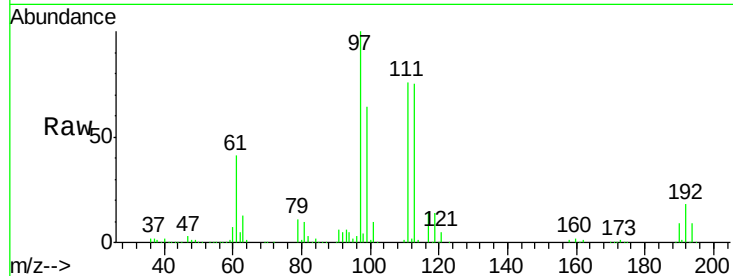
Tgt Ion:113 Resp: 174478

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

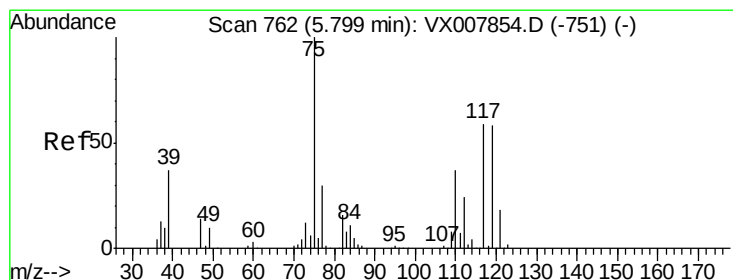
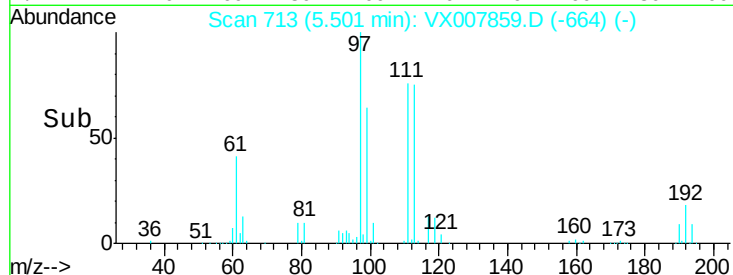
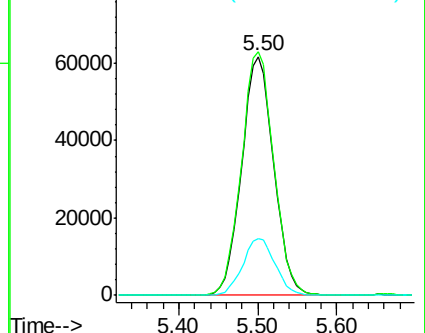
192 24.1 19.4 29.0



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: 52.423 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

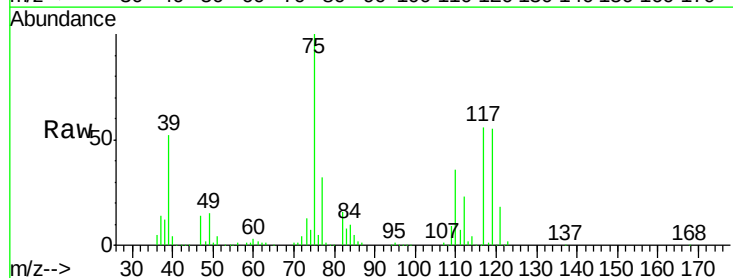
Tgt Ion: 75 Resp: 246699

Ion Ratio Lower Upper

75 100

110 36.8 18.4 55.0

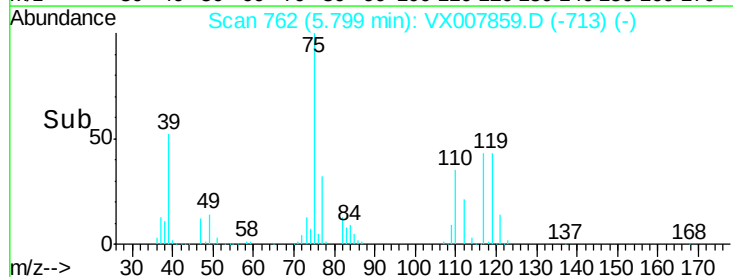
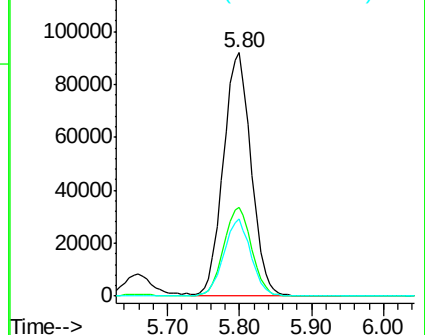
77 31.1 25.0 37.4

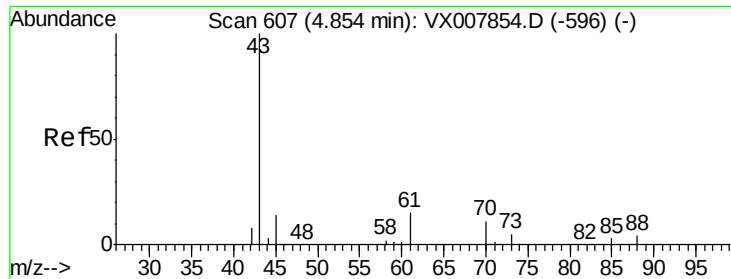


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

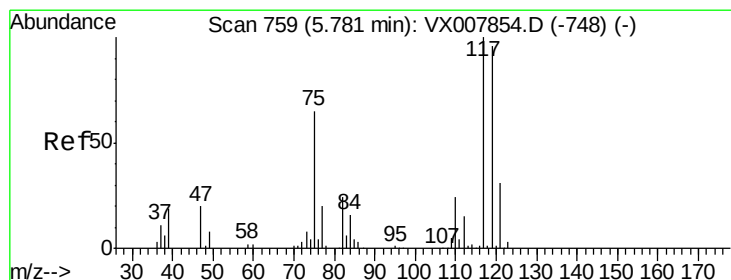
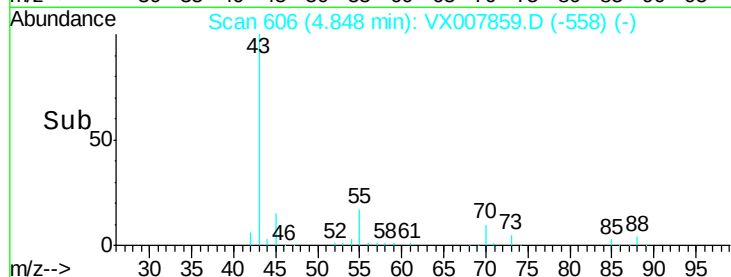
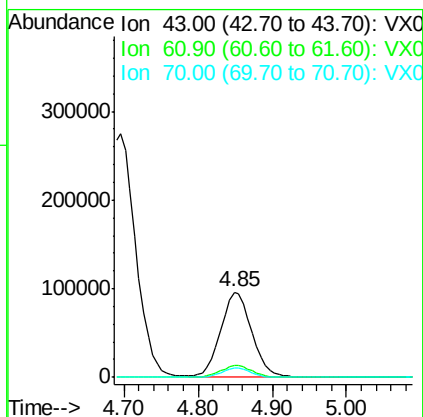
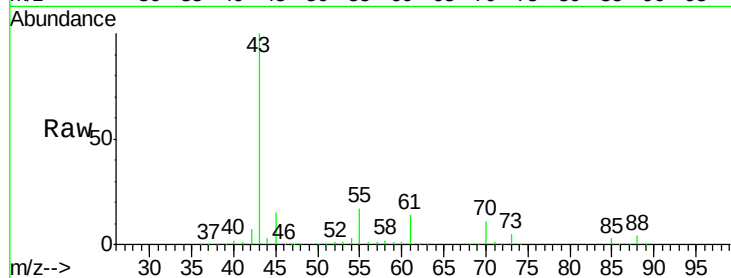




#37
Ethyl Acetate
Concen: 49.920 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

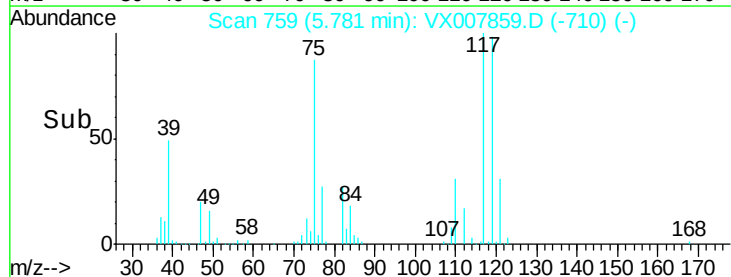
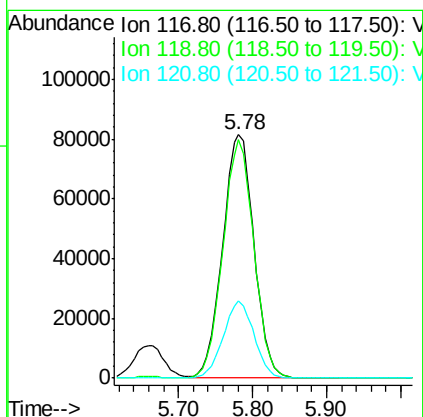
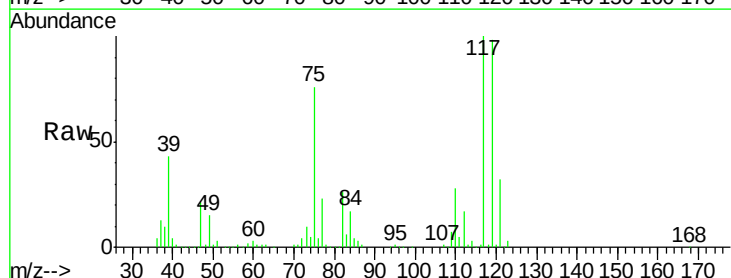
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

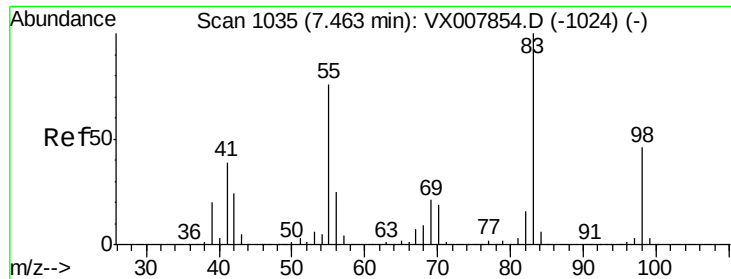
Tgt Ion: 43 Resp: 278778
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 53.556 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 117 Resp: 239267
Ion Ratio Lower Upper
117 100
119 97.9 76.2 114.2
121 31.9 24.6 36.8

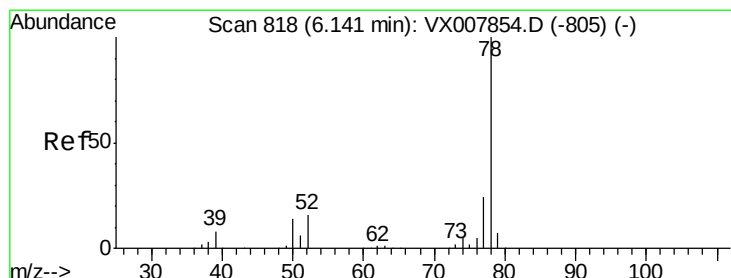
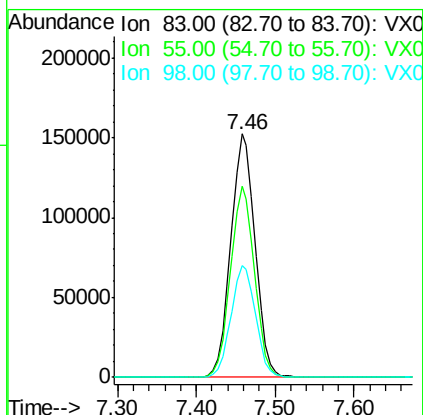
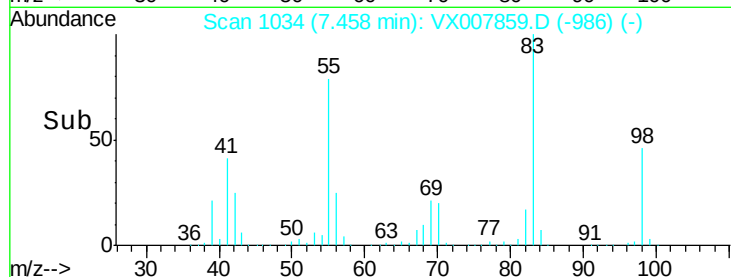
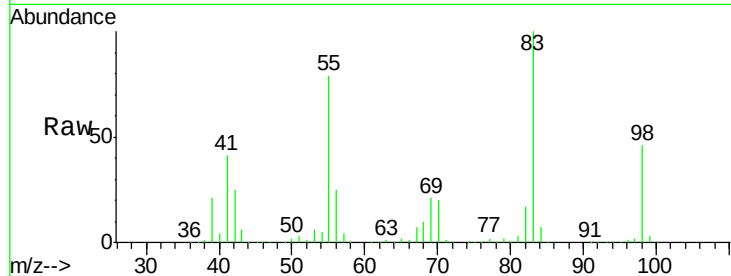




#39
Methylcyclohexane
Concen: 57.115 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

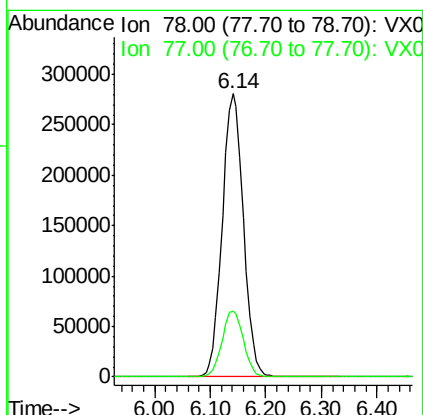
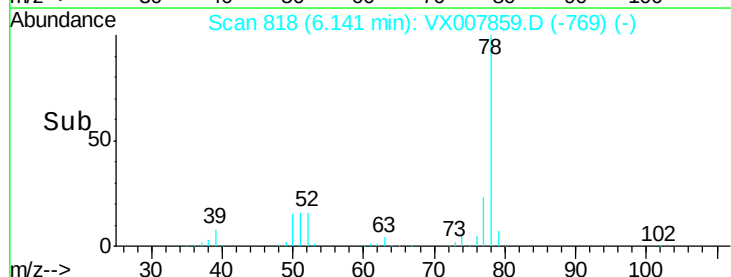
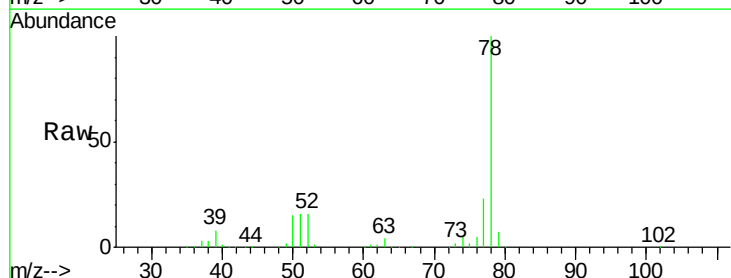
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

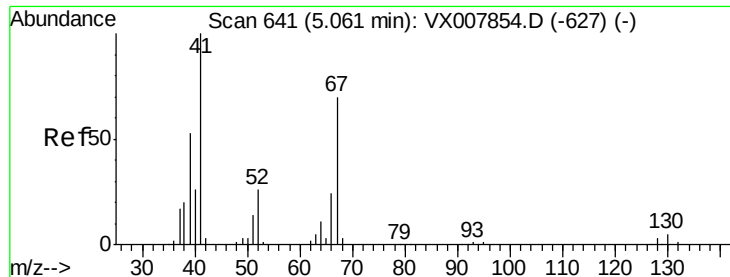
Tgt Ion: 83 Resp: 325686
Ion Ratio Lower Upper
83 100
55 78.7 60.4 90.6
98 45.9 36.5 54.7



#40
Benzene
Concen: 52.690 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 78 Resp: 738180
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

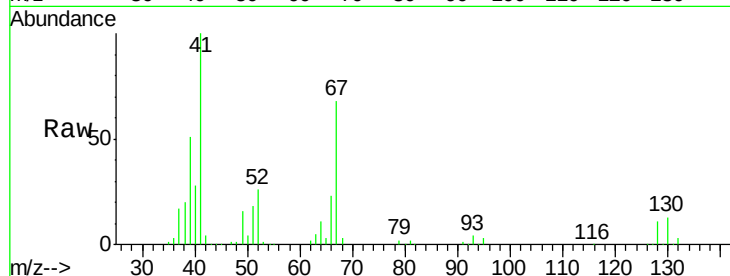




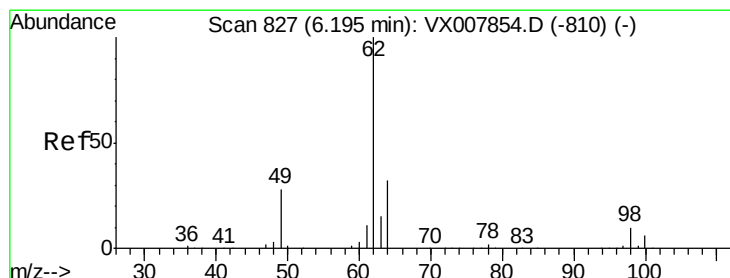
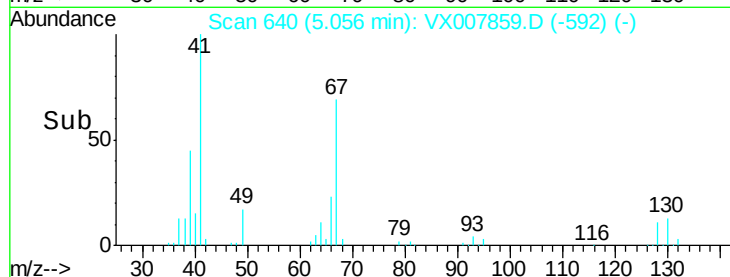
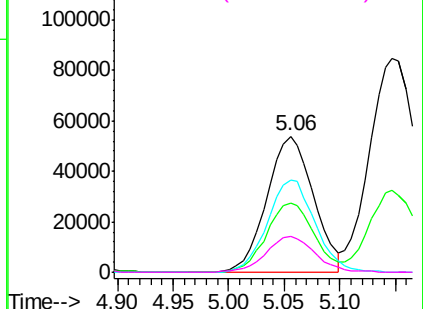
#41
Methacrylonitrile
Concen: 51.757 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

Tgt Ion:	41	Resp:	157581
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.6	62.4
67	69.3	55.8	83.6
52	27.9	21.7	32.5

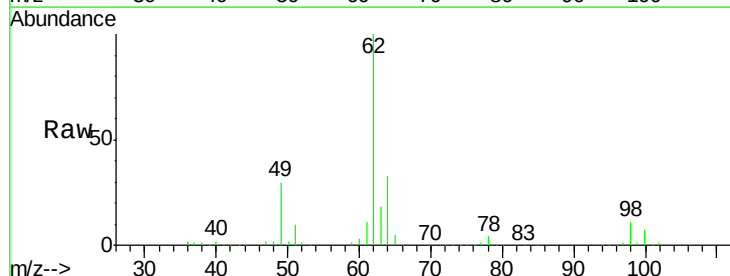


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

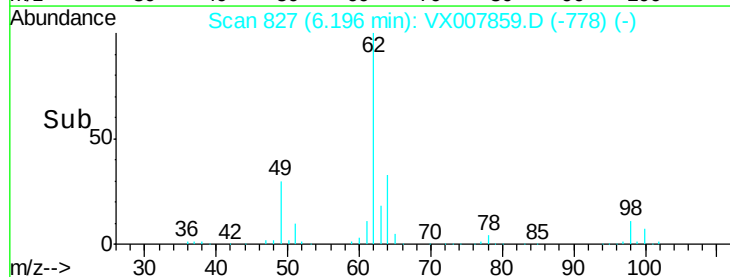
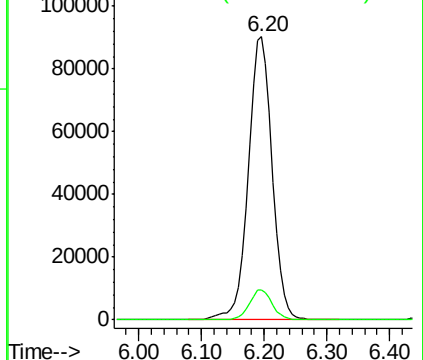


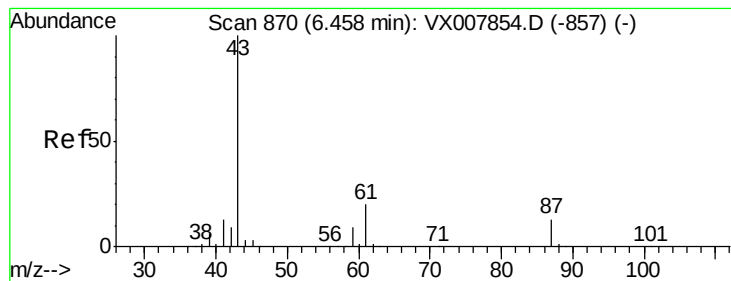
#42
1,2-Dichloroethane
Concen: 51.537 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion:	62	Resp:	236124
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 52.937 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

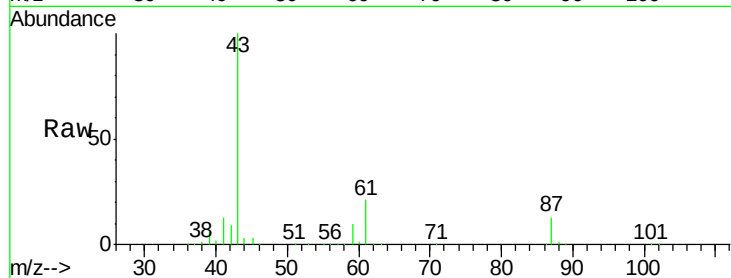
Tgt Ion: 43 Resp: 437511

Ion Ratio Lower Upper

43 100

61 20.6 16.3 24.5

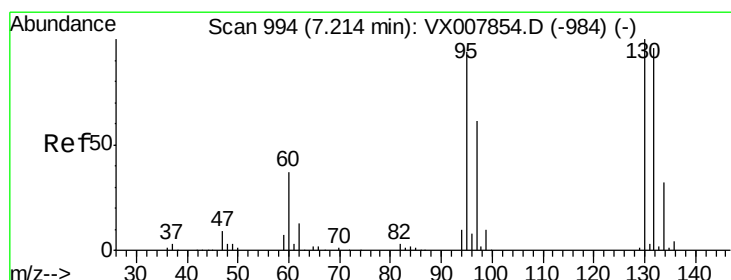
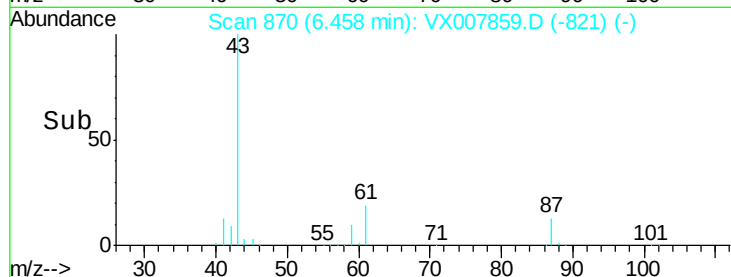
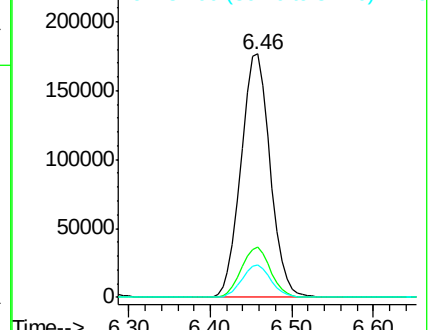
87 13.1 10.5 15.7



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: 52.561 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007859.D

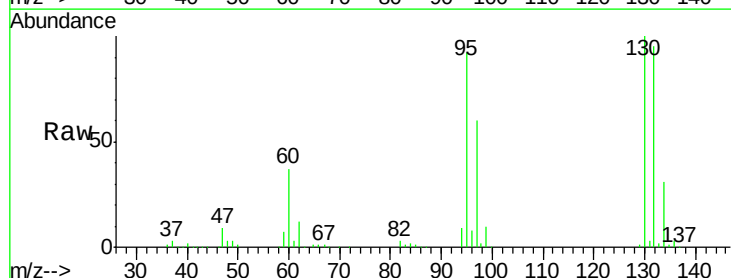
Acq: 06 Mar 2019 13:39

Tgt Ion: 130 Resp: 202927

Ion Ratio Lower Upper

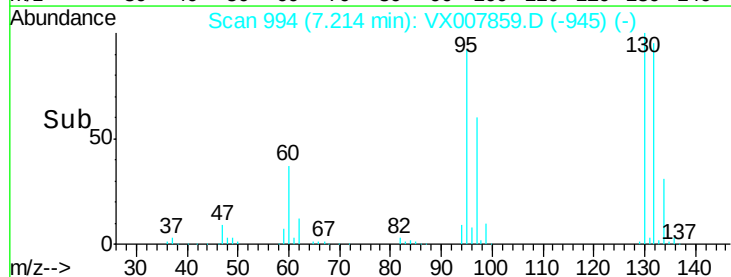
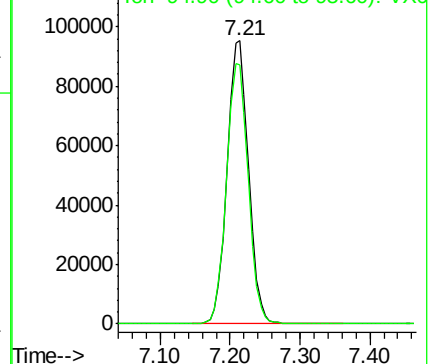
130 100

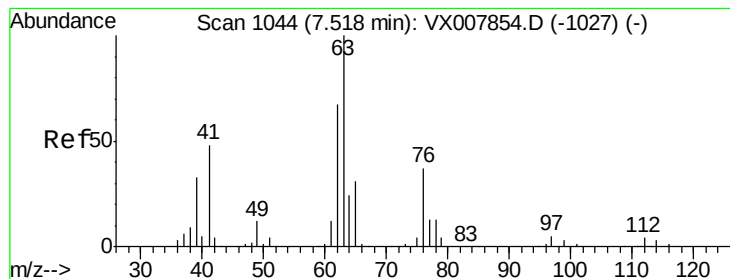
95 91.5 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.993 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampled :

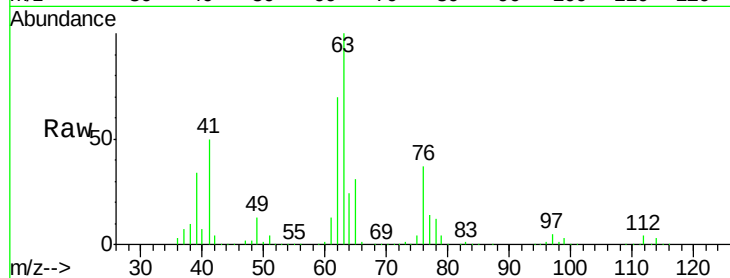
ICVVX030619

Tgt Ion: 63 Resp: 196088

Ion Ratio Lower Upper

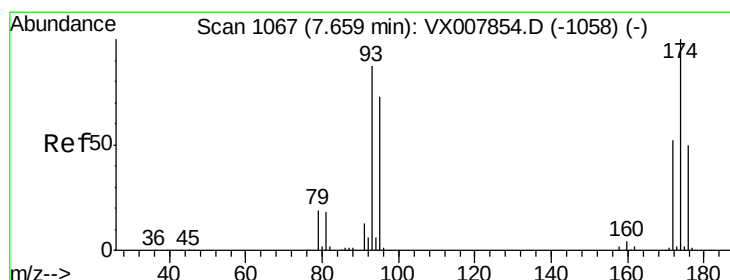
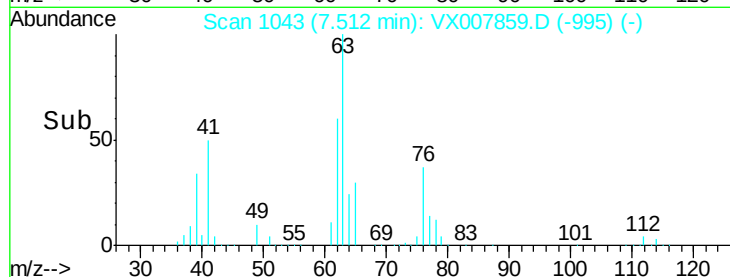
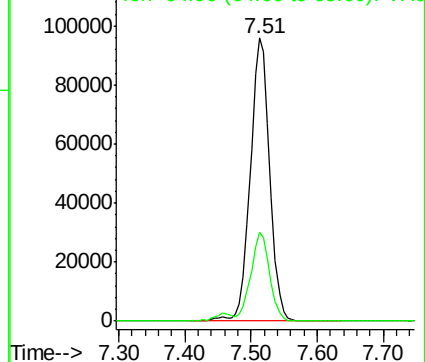
63 100

65 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.485 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

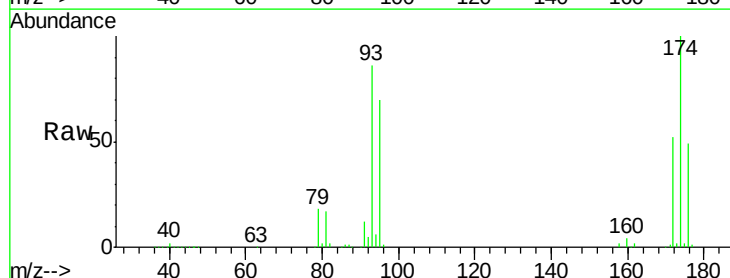
Tgt Ion: 93 Resp: 122903

Ion Ratio Lower Upper

93 100

95 82.8 66.8 100.2

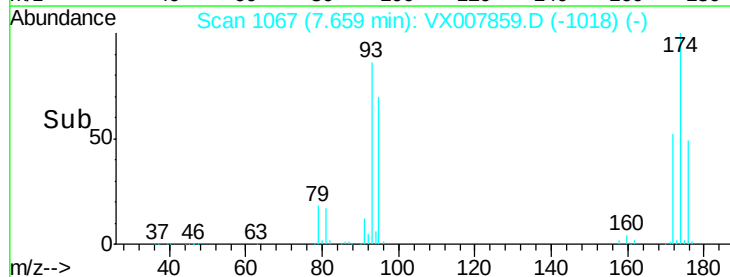
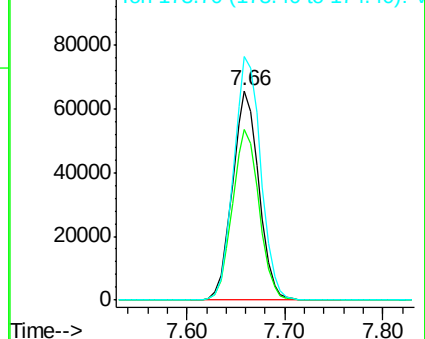
174 119.5 97.3 145.9

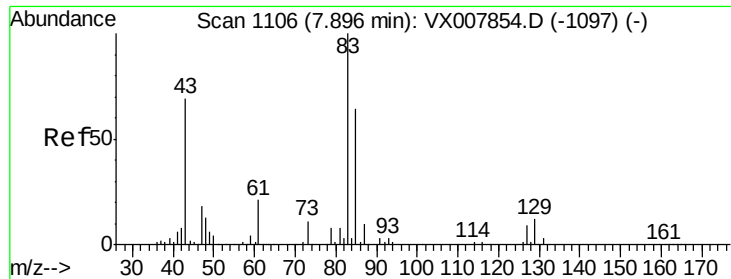


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.723 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

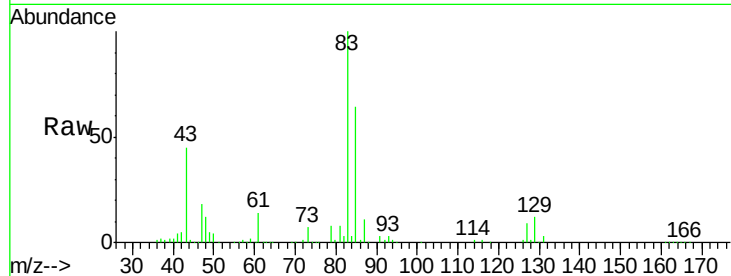
Tgt Ion: 83 Resp: 238518

Ion Ratio Lower Upper

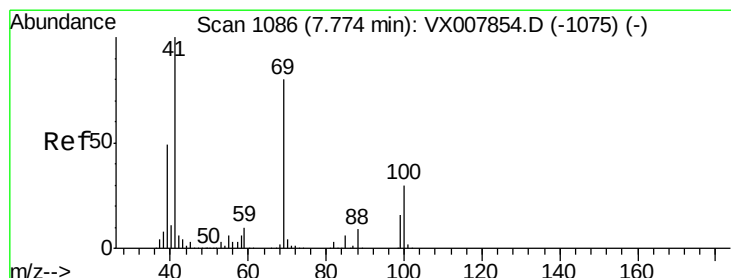
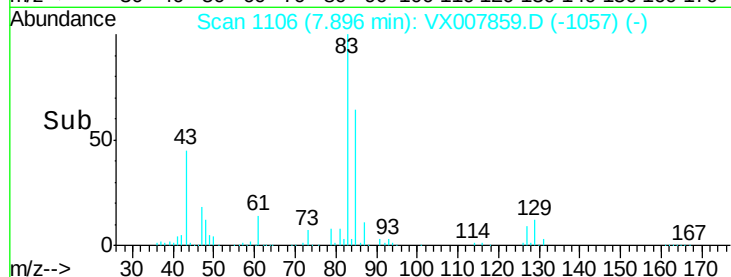
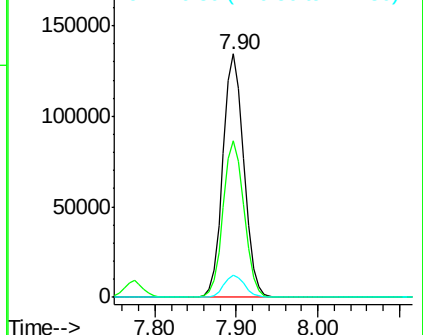
83 100

85 64.3 50.9 76.3

127 9.3 7.4 11.0



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: 52.731 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

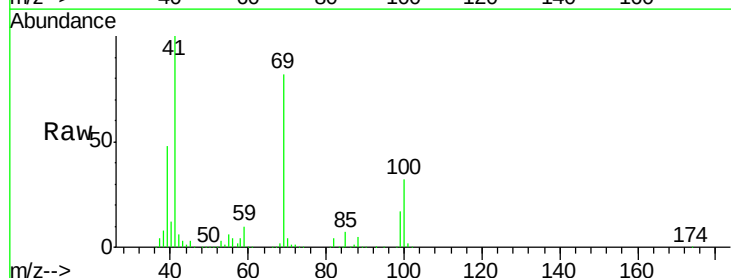
Tgt Ion: 41 Resp: 229131

Ion Ratio Lower Upper

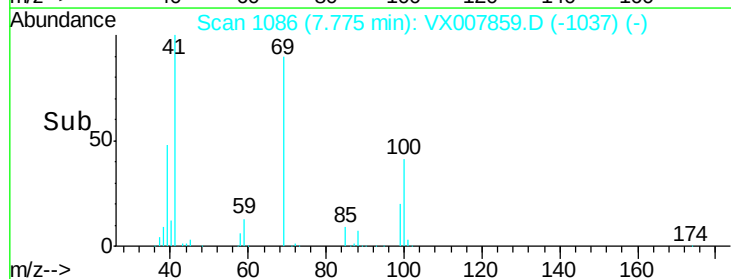
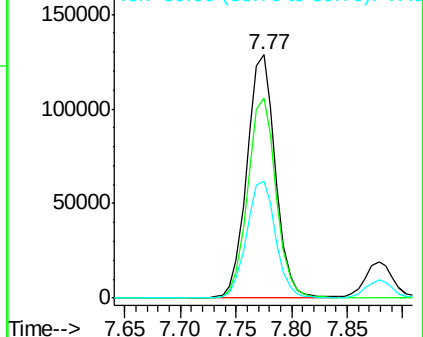
41 100

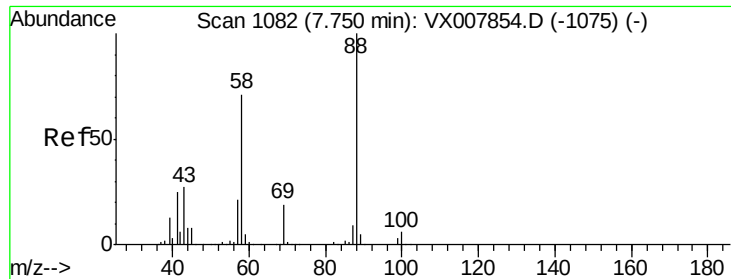
69 82.4 65.2 97.8

39 49.1 39.4 59.2



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

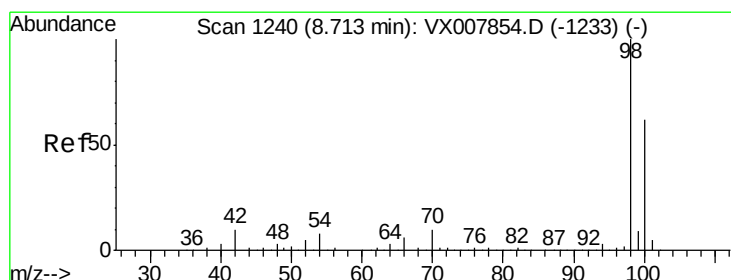
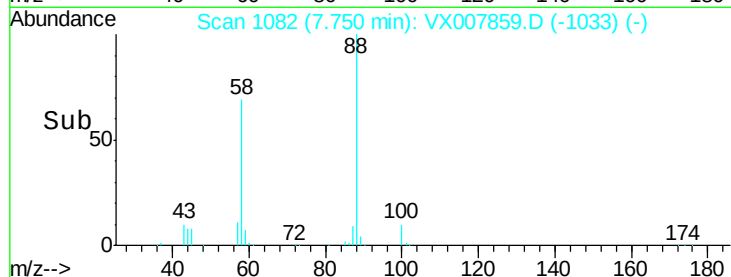
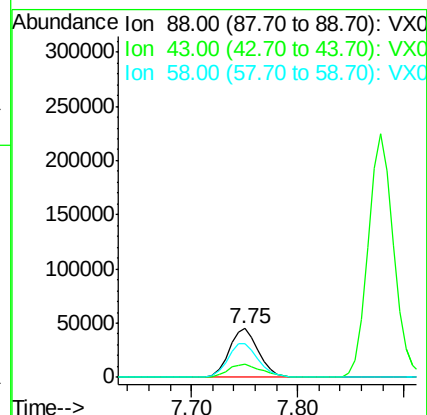
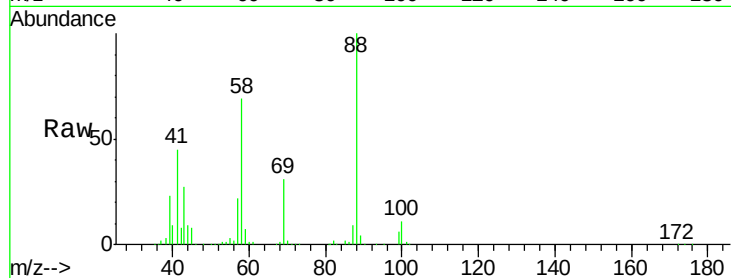




#49
1,4-Dioxane
Concen: 969.784 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

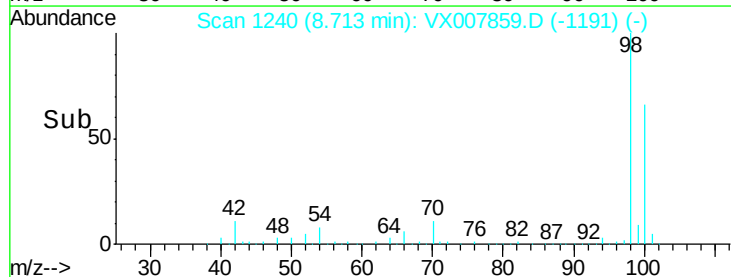
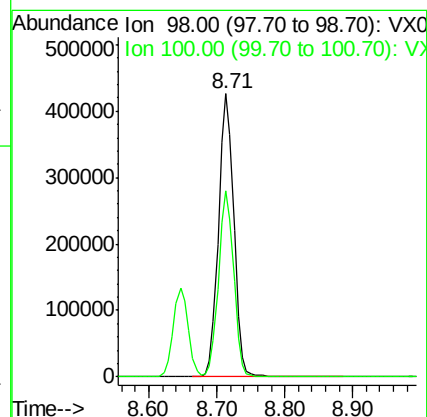
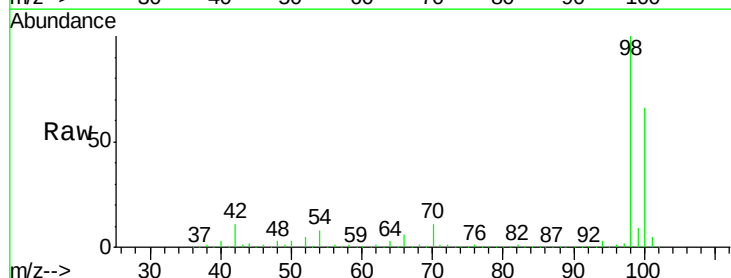
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

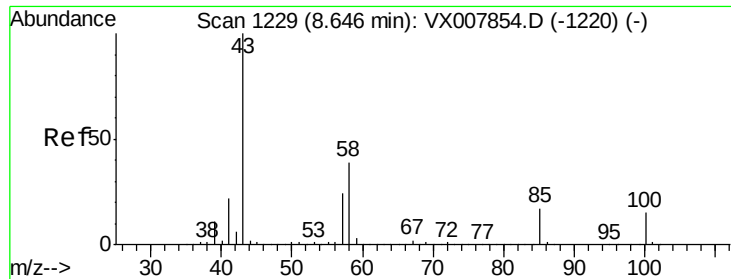
Tgt Ion: 88 Resp: 86565
Ion Ratio Lower Upper
88 100
43 31.7 25.1 37.7
58 72.5 57.8 86.6



#50
Toluene-d8
Concen: 54.651 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 98 Resp: 667246
Ion Ratio Lower Upper
98 100
100 65.3 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 256.404 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

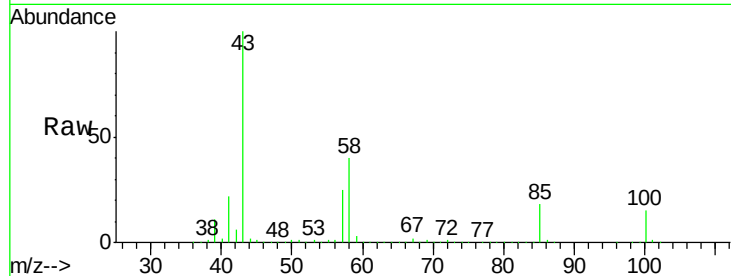
ICVVX030619

Tgt Ion: 43 Resp: 1362823

Ion Ratio Lower Upper

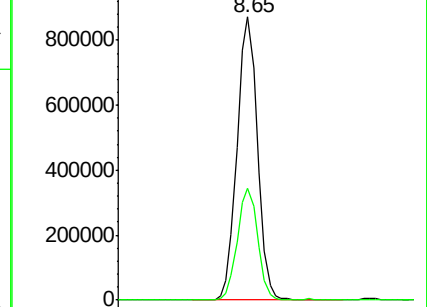
43 100

58 39.4 31.3 46.9

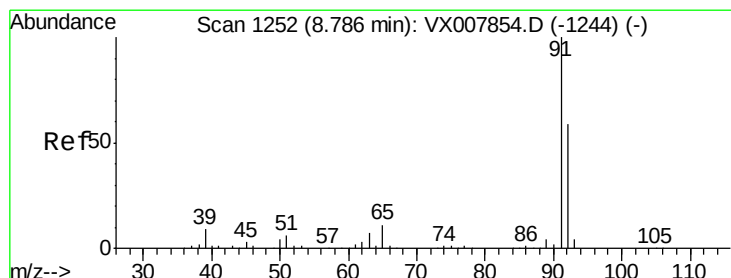
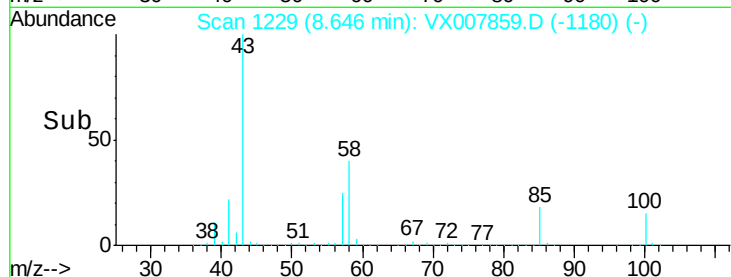


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 53.936 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007859.D

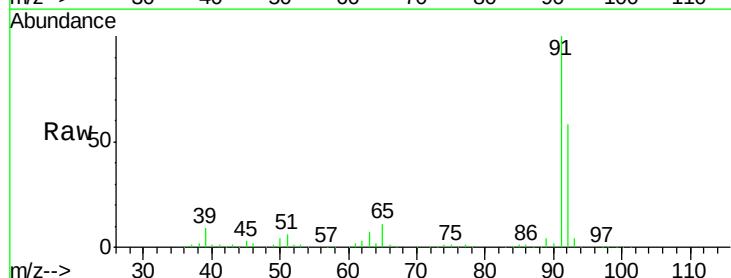
Acq: 06 Mar 2019 13:39

Tgt Ion: 92 Resp: 461330

Ion Ratio Lower Upper

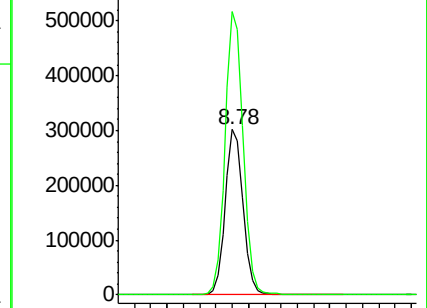
92 100

91 172.6 137.4 206.0

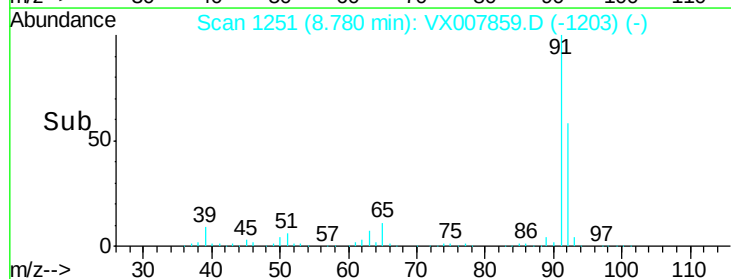


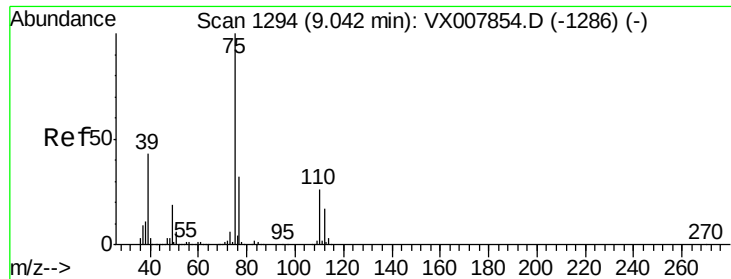
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->





#53

t-1,3-Dichloropropene

Concen: 57.672 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

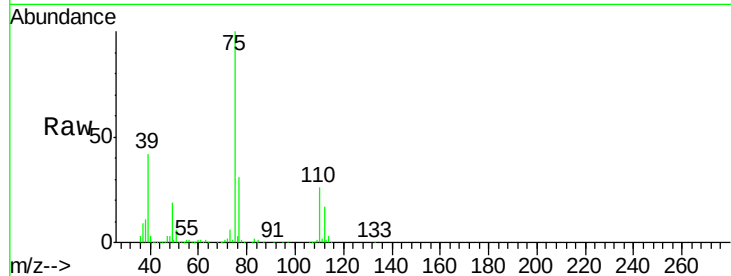
ICVVX030619

Tgt Ion: 75 Resp: 267248

Ion Ratio Lower Upper

75 100

77 31.4 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

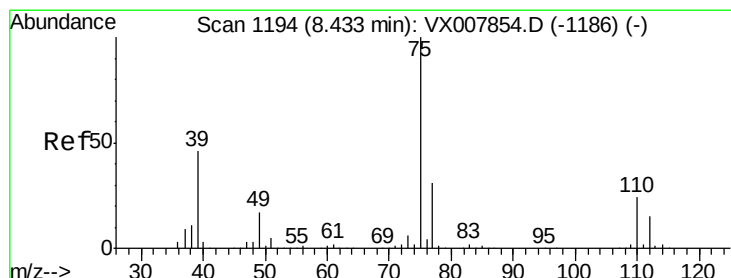
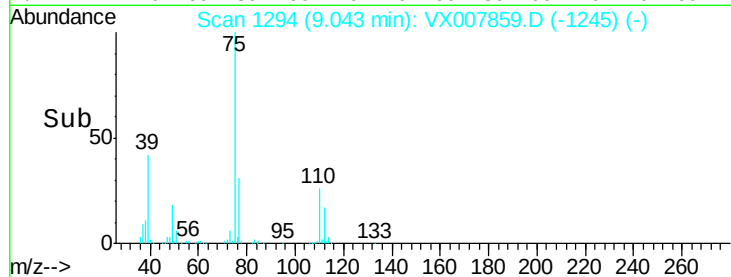
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.696 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

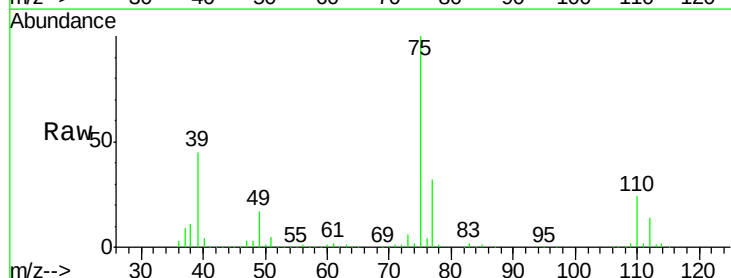
Tgt Ion: 75 Resp: 296686

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6

39 44.8 36.6 54.8



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

250000

200000

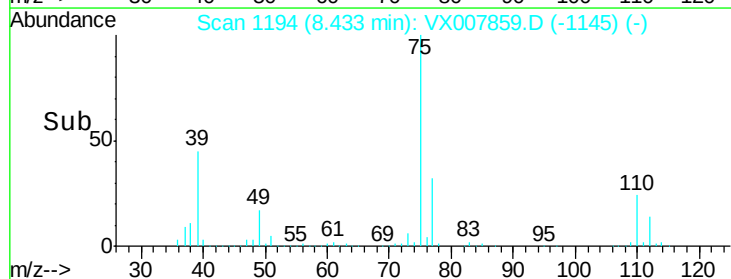
150000

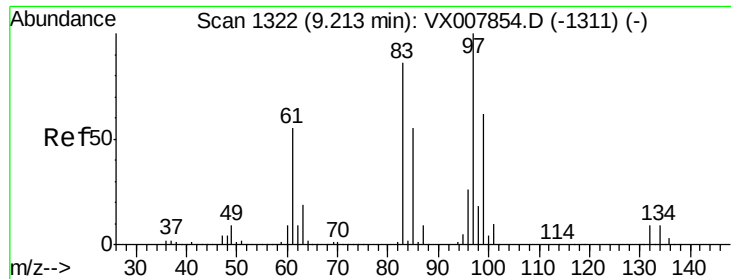
100000

50000

0

Time-->

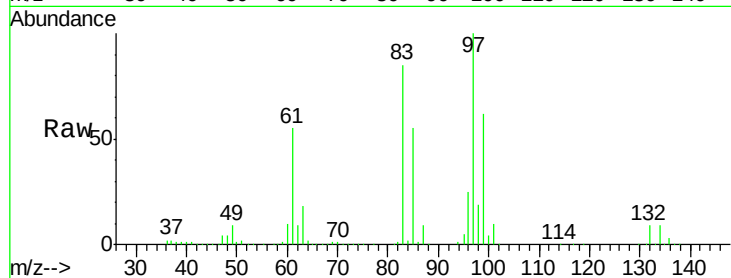




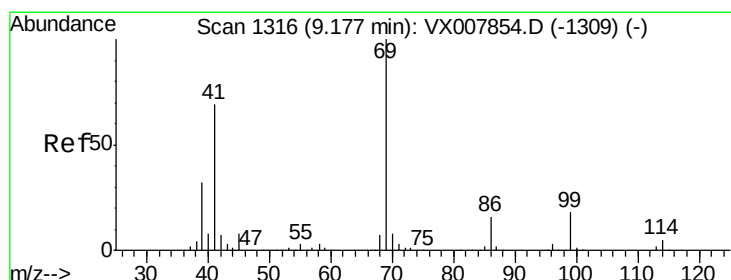
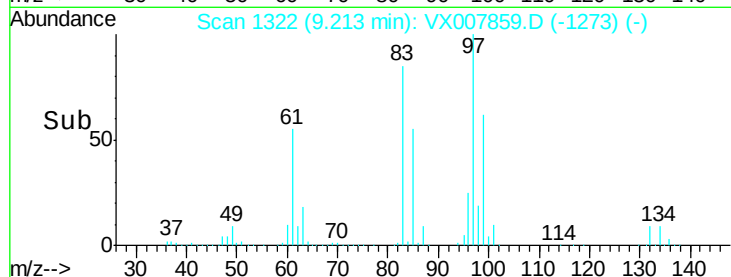
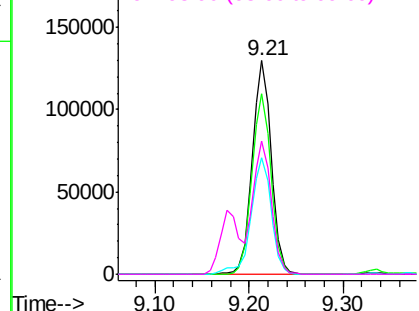
#55
1,1,2-Trichloroethane
Concen: 52.965 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

Tgt Ion:	97	Resp:	183388
Ion	Ratio	Lower	Upper
97	100		
83	84.7	69.1	103.7
85	54.6	44.3	66.5
99	62.4	49.8	74.8

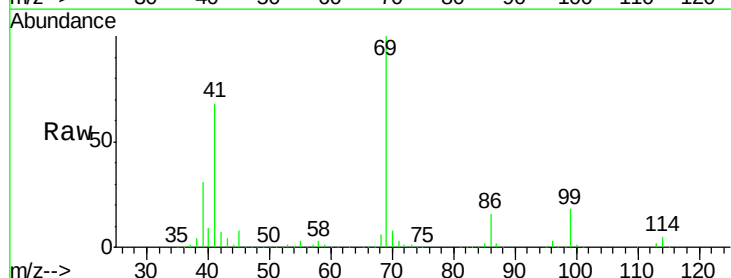


Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 98.90 (98.60 to 99.60): VX0

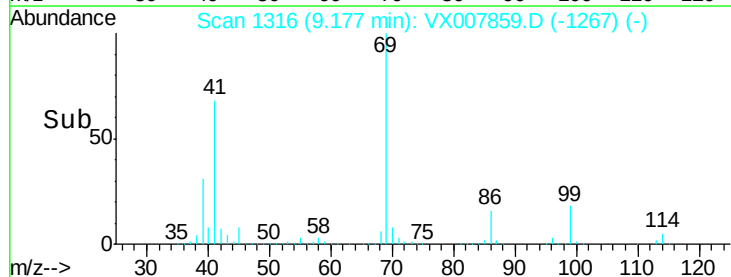
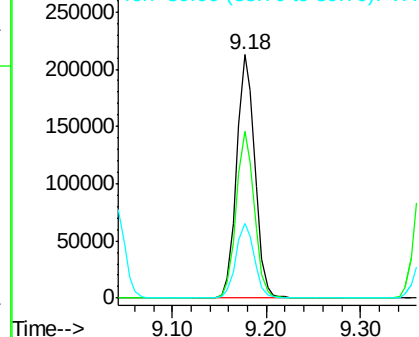


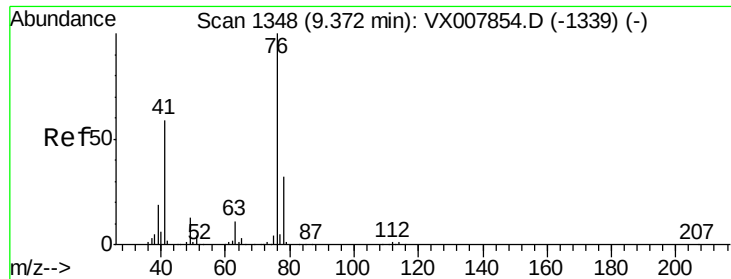
#56
Ethyl methacrylate
Concen: 55.077 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion:	69	Resp:	286330
Ion	Ratio	Lower	Upper
69	100		
41	67.9	54.2	81.4
39	30.9	25.0	37.4



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

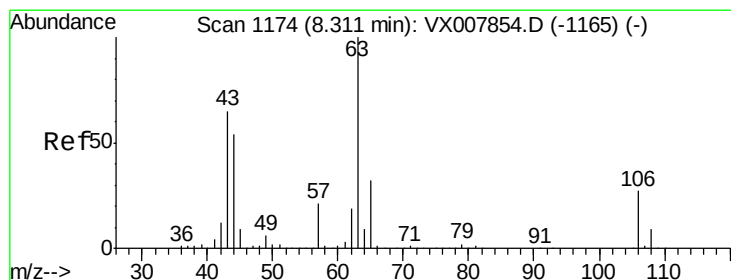
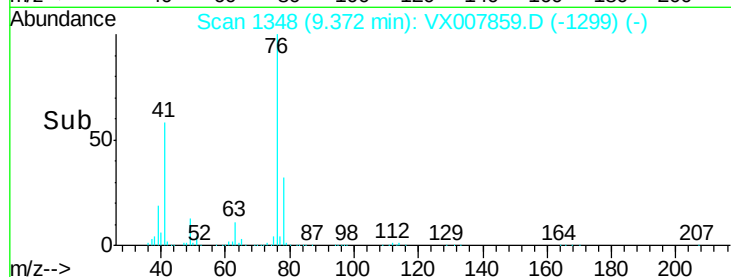
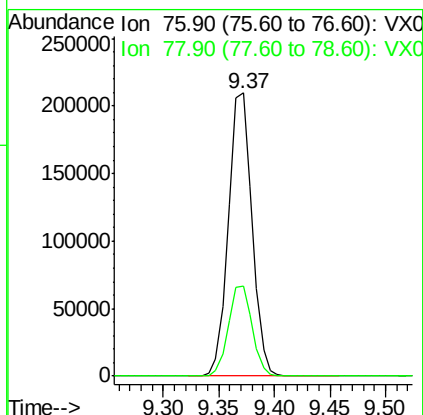
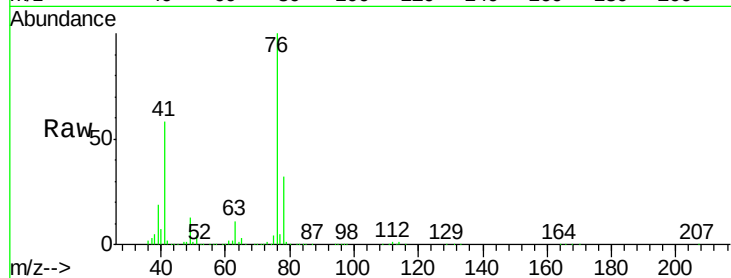




#57
 1,3-Dichloropropane
 Concen: 53.089 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

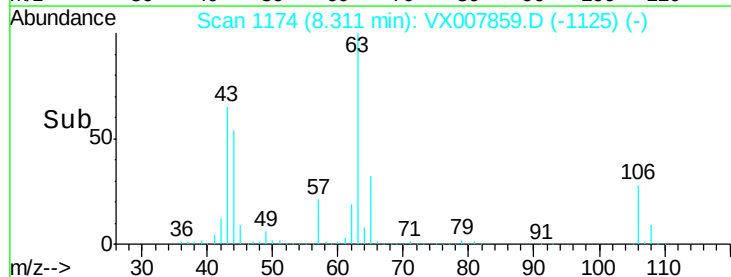
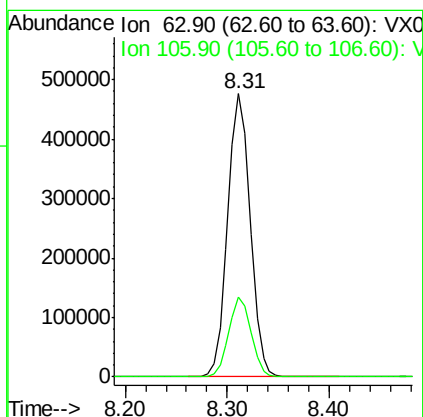
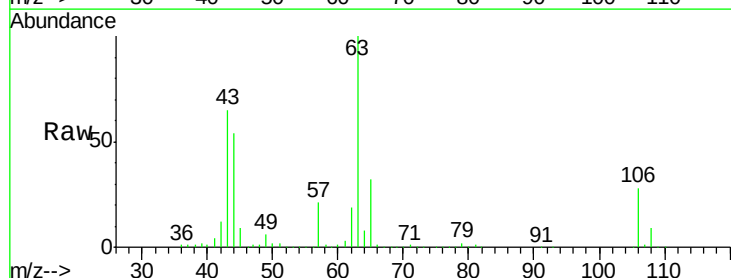
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

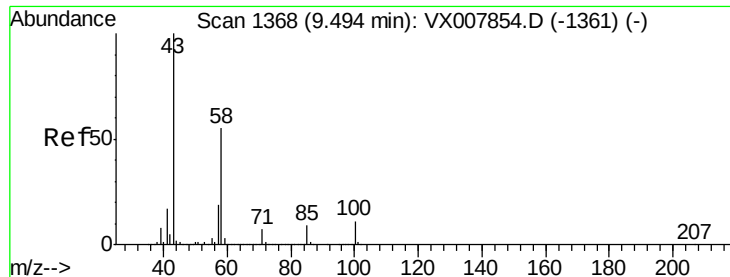
Tgt Ion: 76 Resp: 308643
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.125 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion: 63 Resp: 726414
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.2 33.2

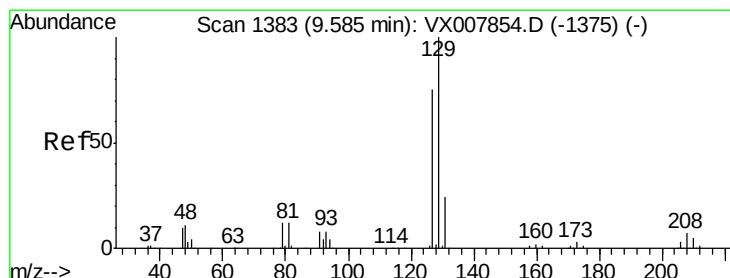
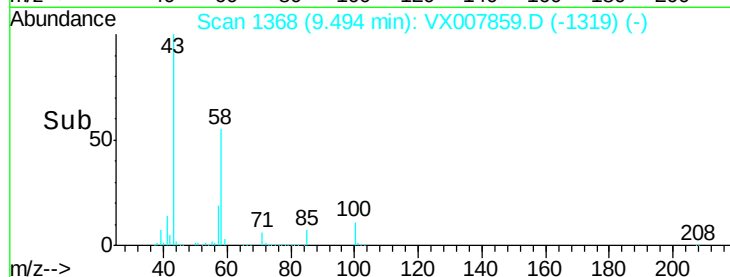
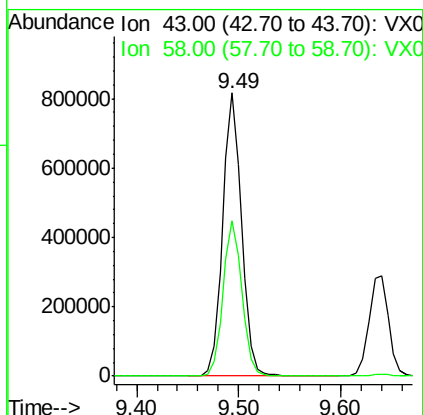
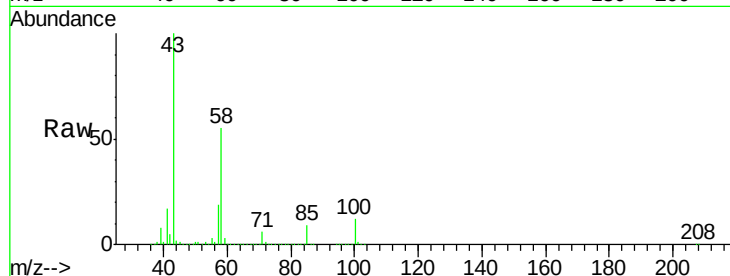




#59
2-Hexanone
Concen: 255.105 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

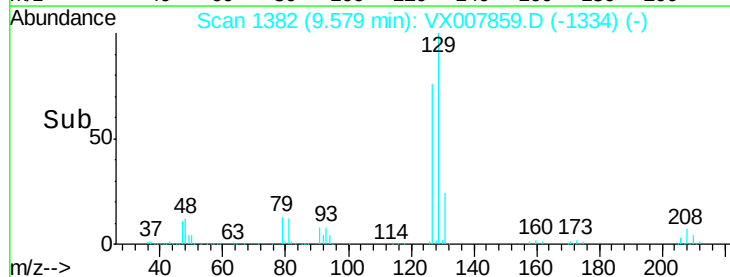
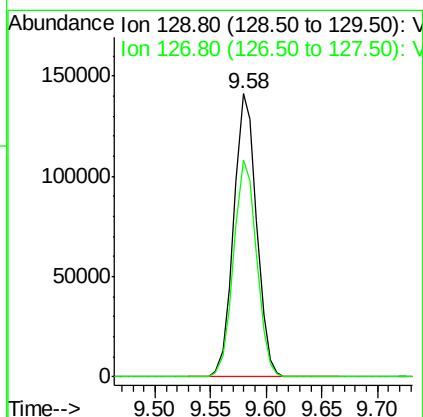
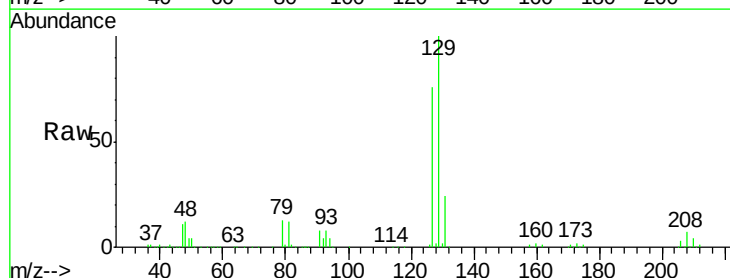
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

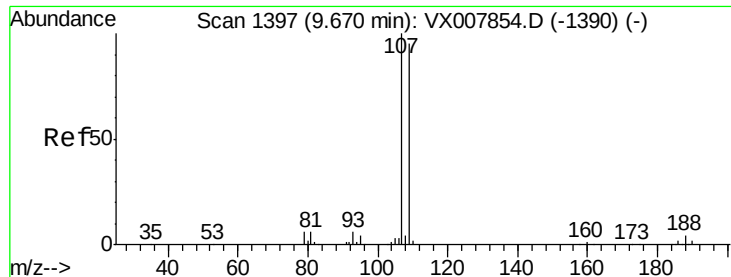
Tgt Ion: 43 Resp: 1052707
Ion Ratio Lower Upper
43 100
58 55.1 27.6 82.7



#60
Dibromochloromethane
Concen: 55.474 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 129 Resp: 200765
Ion Ratio Lower Upper
129 100
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 52.953 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

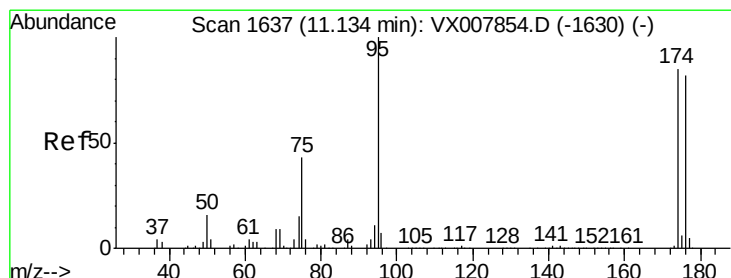
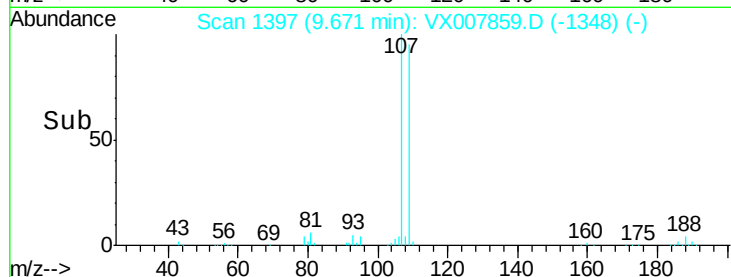
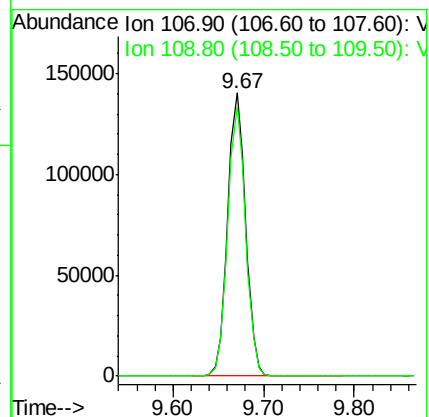
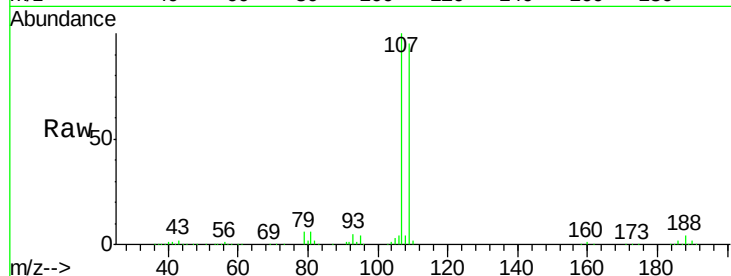
ICVVX030619

Tgt Ion: 107 Resp: 194665

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 54.936 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

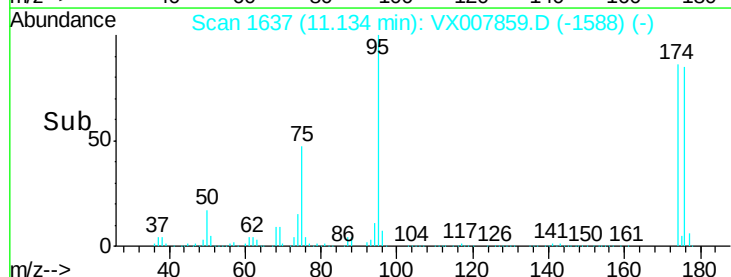
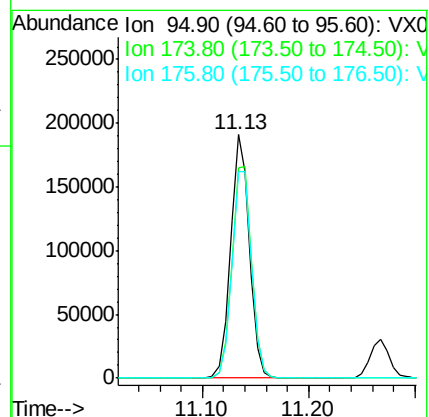
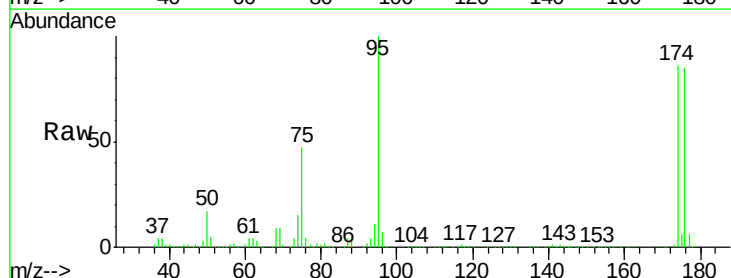
Tgt Ion: 95 Resp: 235159

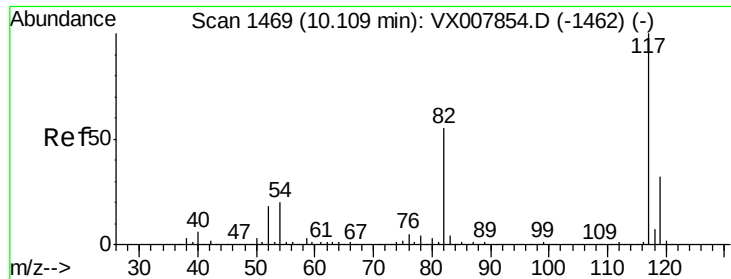
Ion Ratio Lower Upper

95 100

174 91.7 0.0 182.8

176 89.5 0.0 178.0

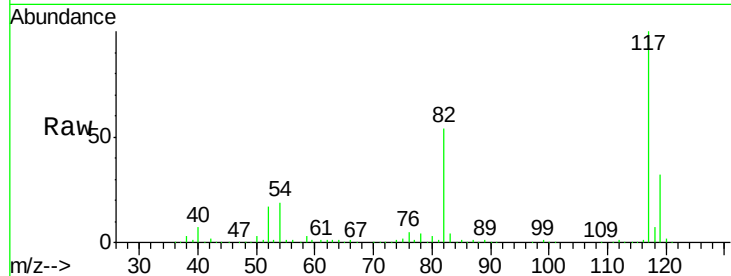




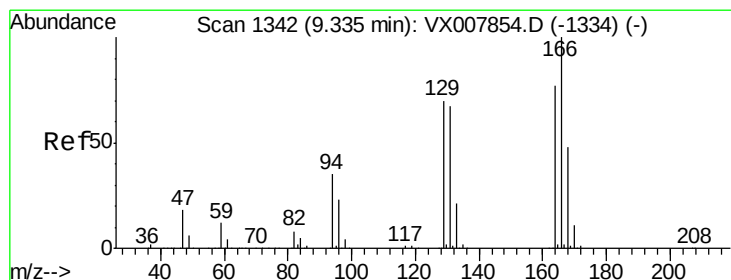
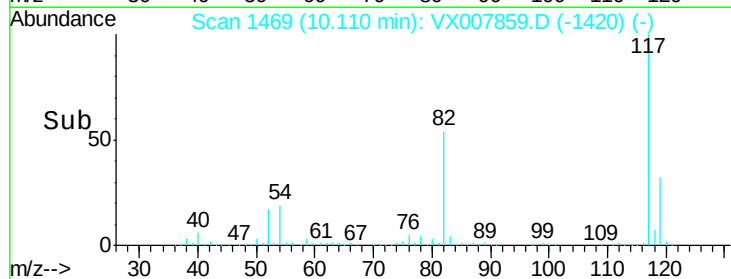
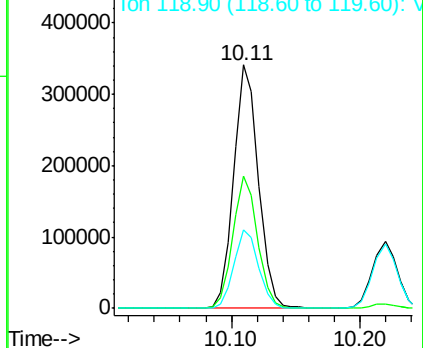
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

Tgt Ion:117 Resp: 458062
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.2 25.3 37.9



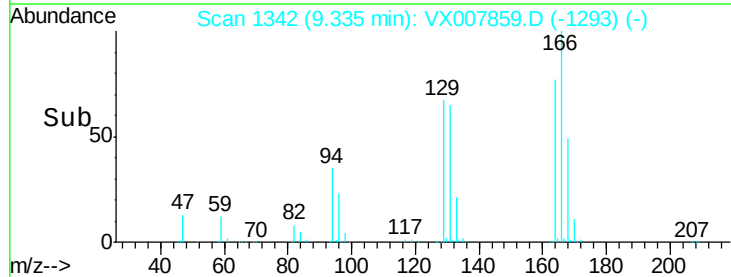
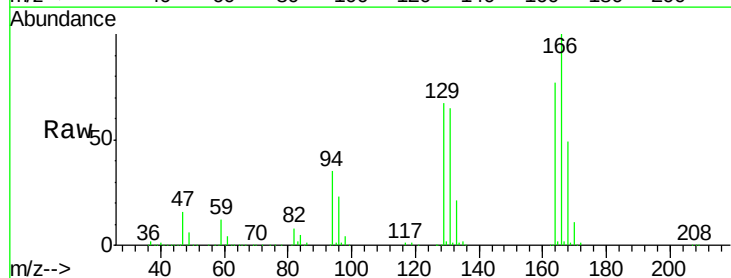
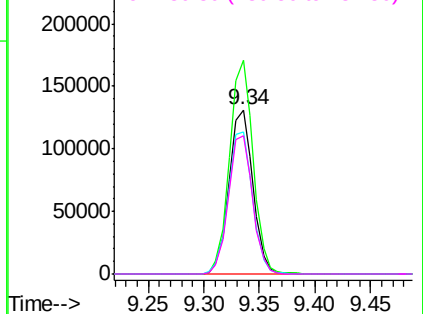
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

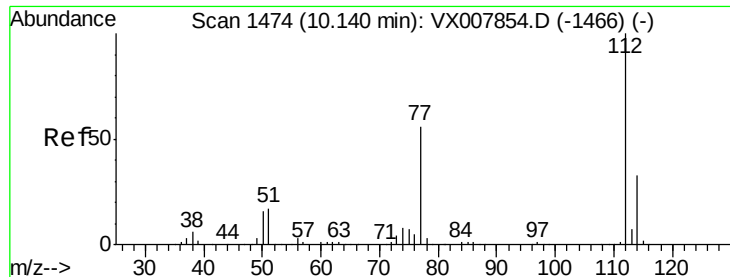


#64
Tetrachloroethene
Concen: 51.255 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion:164 Resp: 194562
Ion Ratio Lower Upper
164 100
166 130.1 103.4 155.0
129 86.7 72.2 108.4
131 84.1 69.4 104.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 52.313 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

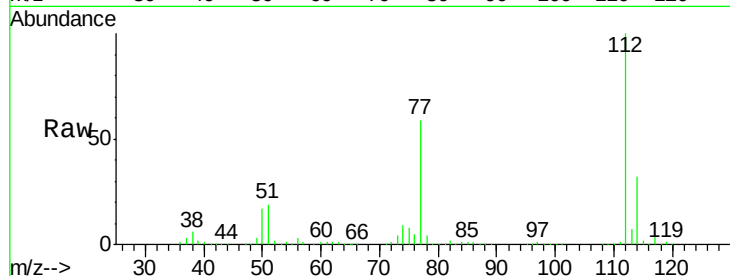
ICVVX030619

Tgt Ion:112 Resp: 501440

Ion Ratio Lower Upper

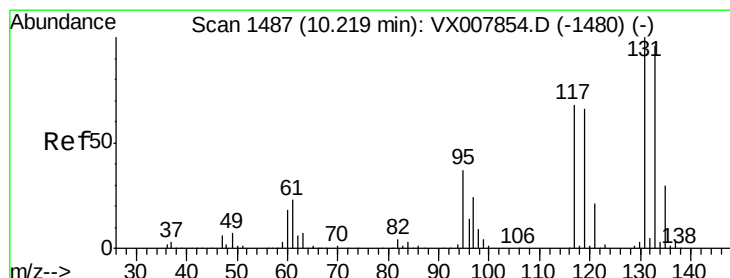
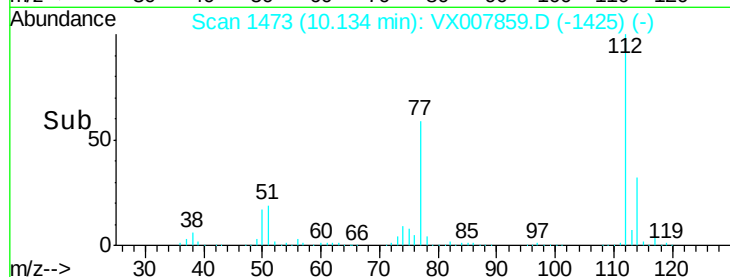
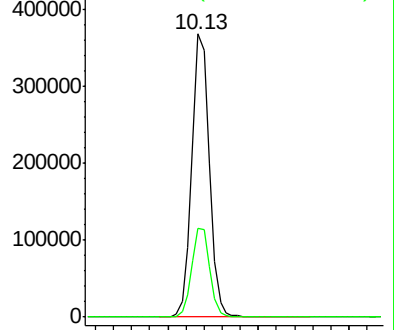
112 100

114 31.5 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.710 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

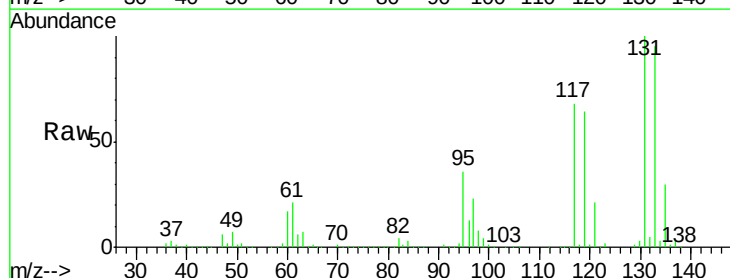
Tgt Ion:131 Resp: 184515

Ion Ratio Lower Upper

131 100

133 95.1 47.8 143.3

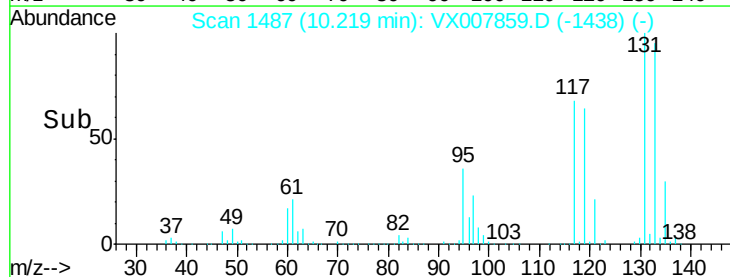
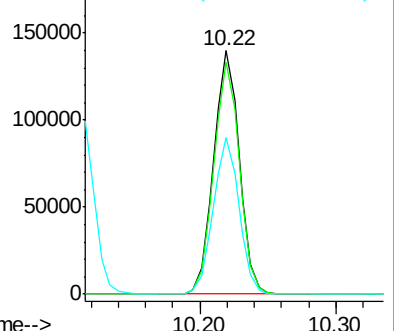
119 64.5 32.5 97.5

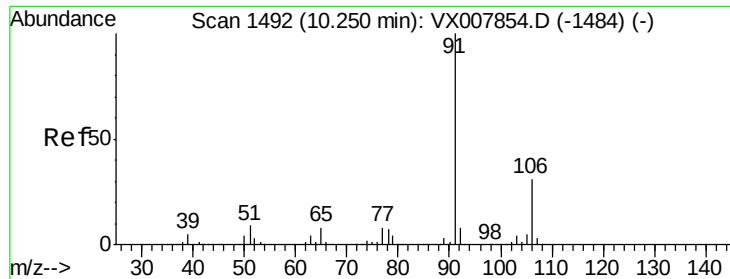


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.821 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

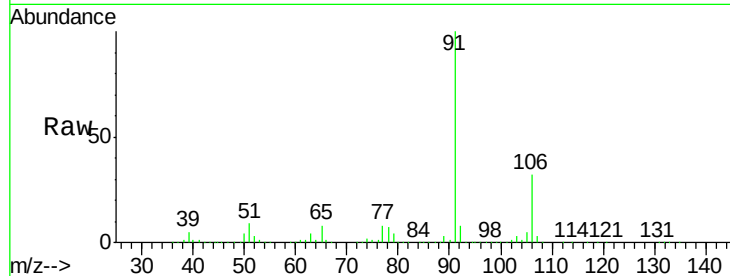
ICVVX030619

Tgt Ion: 91 Resp: 864986

Ion Ratio Lower Upper

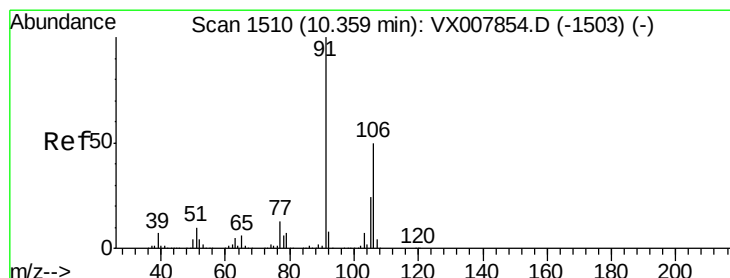
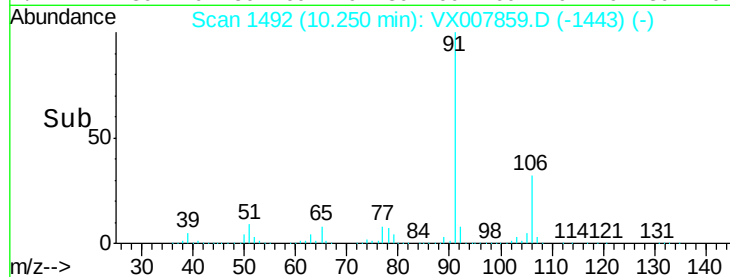
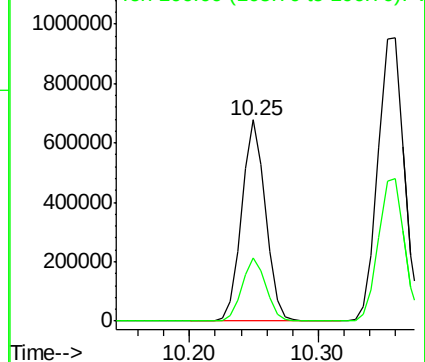
91 100

106 31.6 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 109.512 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007859.D

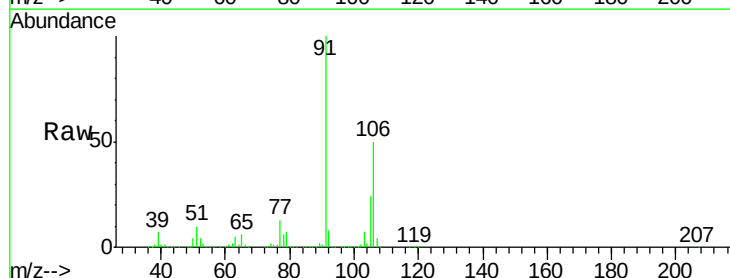
Acq: 06 Mar 2019 13:39

Tgt Ion: 106 Resp: 666031

Ion Ratio Lower Upper

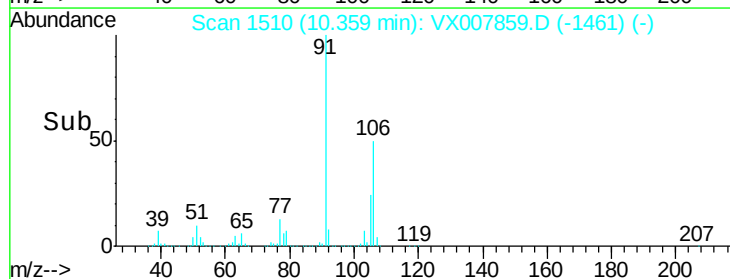
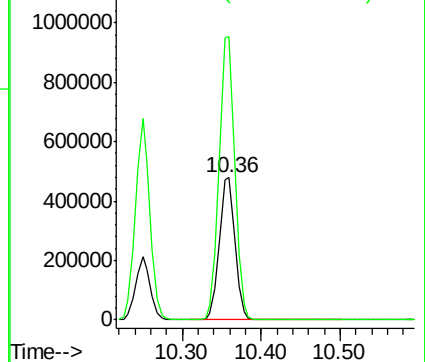
106 100

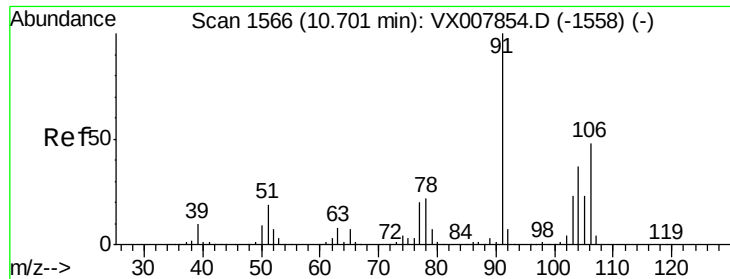
91 200.6 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

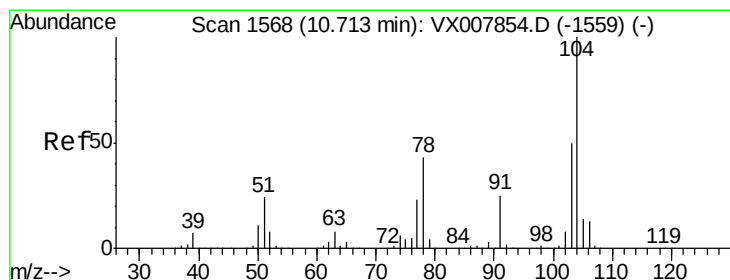
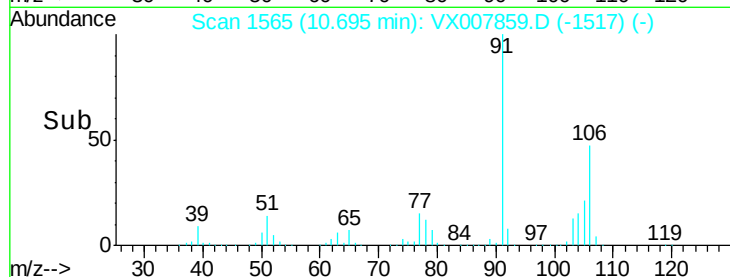
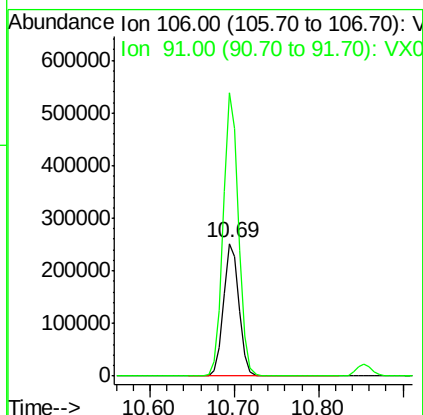
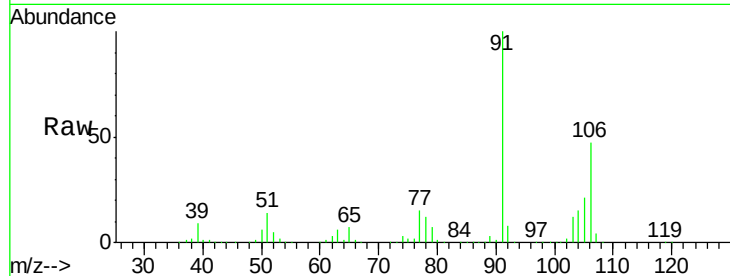




#69
o-Xylene
Concen: 54.612 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

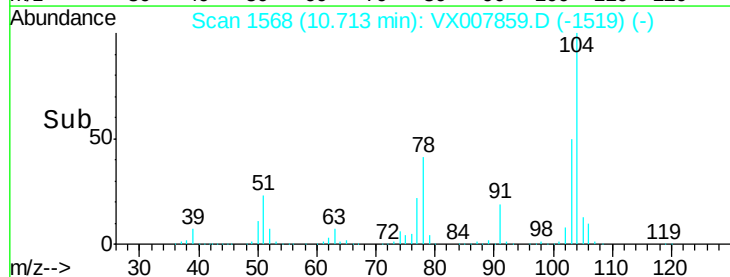
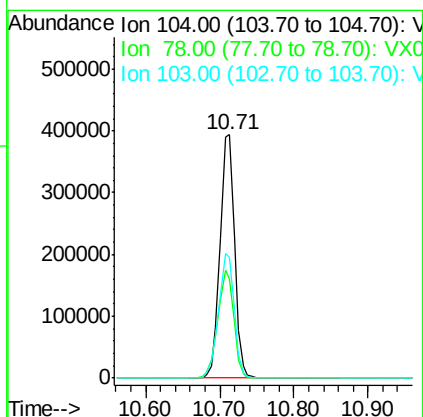
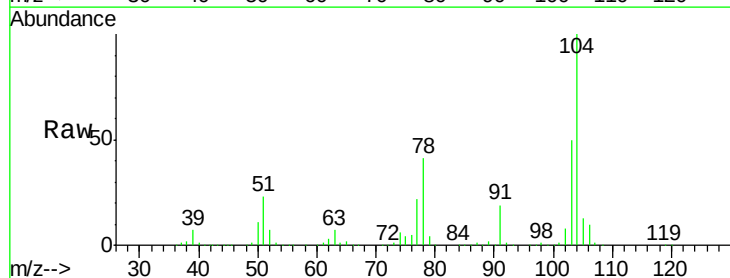
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

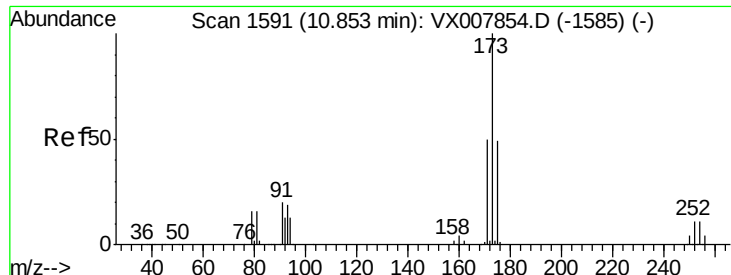
Tgt Ion:106 Resp: 320662
Ion Ratio Lower Upper
106 100
91 211.8 106.3 318.9



#70
Styrene
Concen: 55.396 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion:104 Resp: 532260
Ion Ratio Lower Upper
104 100
78 48.1 38.5 57.7
103 55.1 44.1 66.1





#71

Bromoform

Concen: 53.823 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

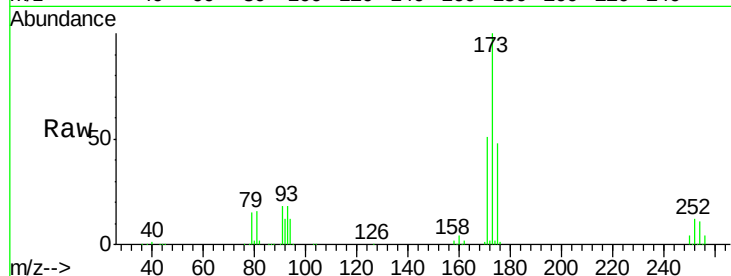
Tgt Ion:173 Resp: 158788

Ion Ratio Lower Upper

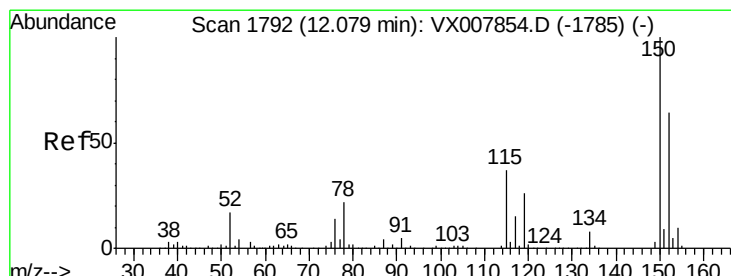
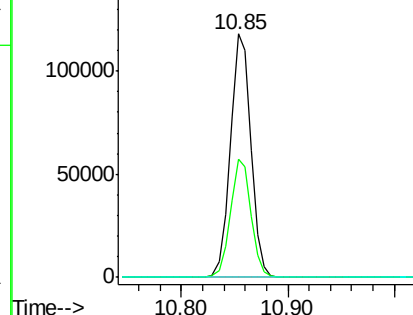
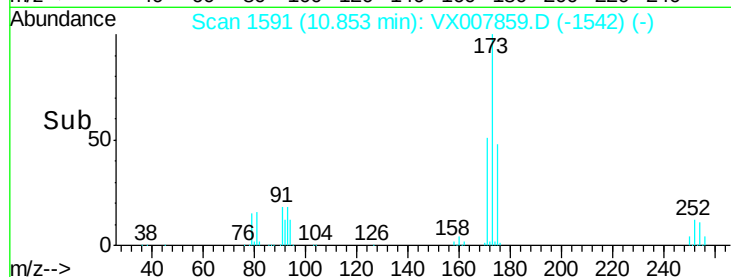
173 100

175 48.7 24.3 72.9

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

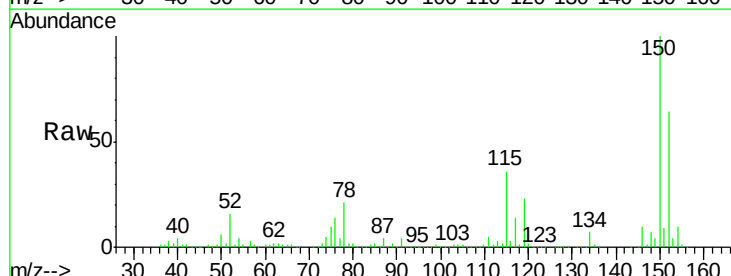
Tgt Ion:152 Resp: 235586

Ion Ratio Lower Upper

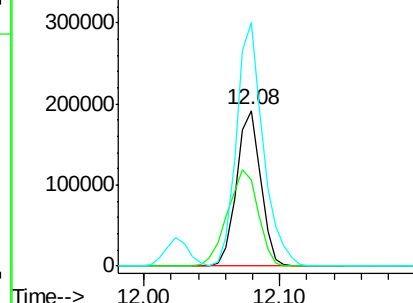
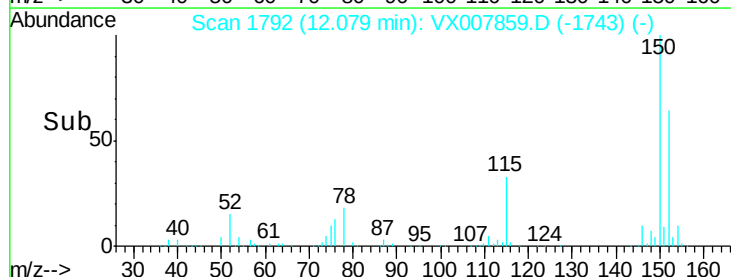
152 100

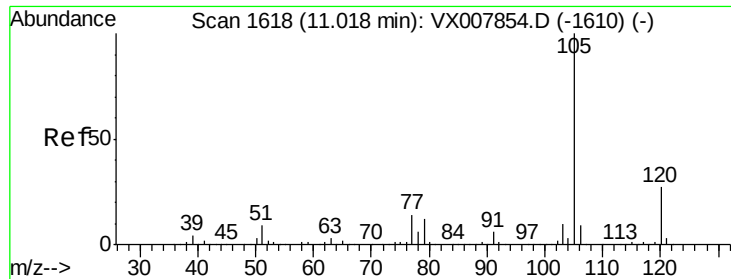
115 78.8 38.6 115.7

150 173.4 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.588 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

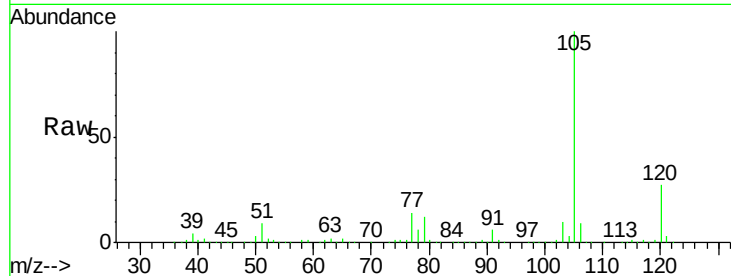
ICVVX030619

Tgt Ion:105 Resp: 869746

Ion Ratio Lower Upper

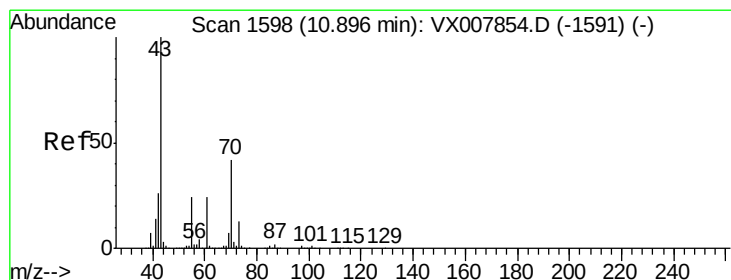
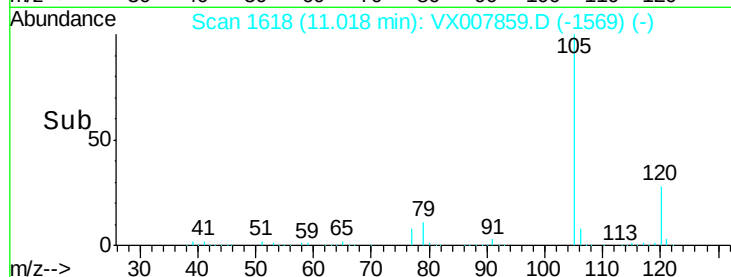
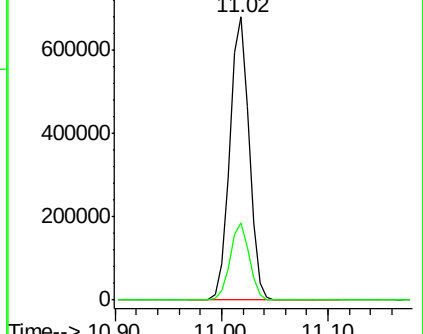
105 100

120 26.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.024 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Tgt Ion: 43 Resp: 378417

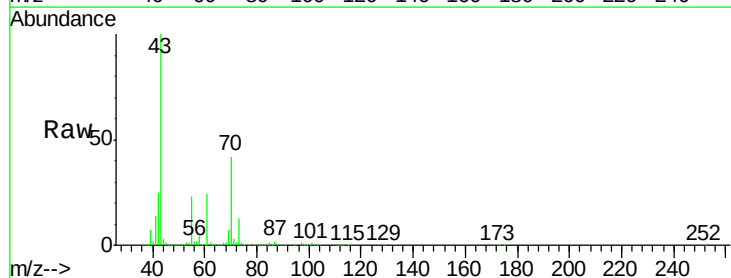
Ion Ratio Lower Upper

43 100

70 42.0 33.5 50.3

55 23.9 19.2 28.8

61 24.5 19.0 28.6

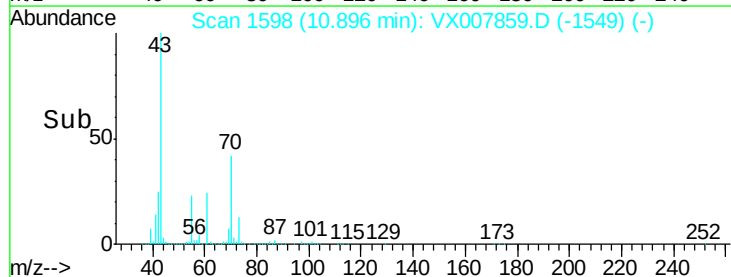
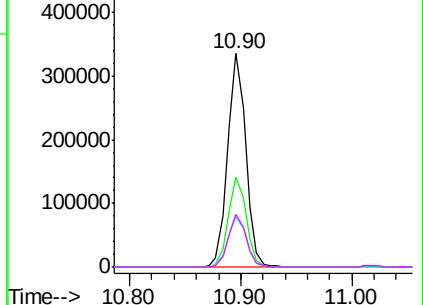


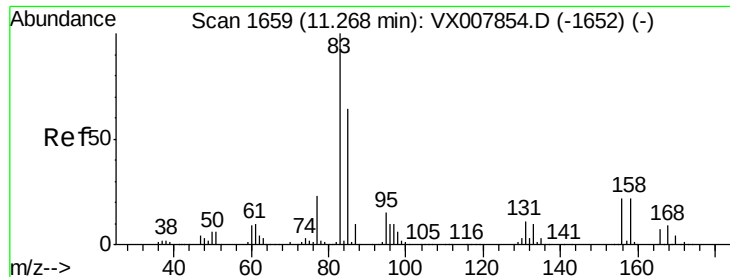
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.313 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

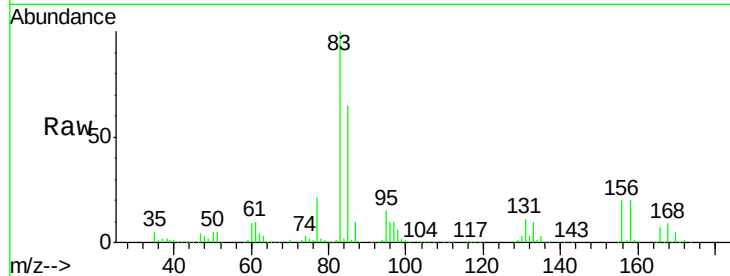
Tgt Ion: 83 Resp: 265521

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.6 32.3 96.8

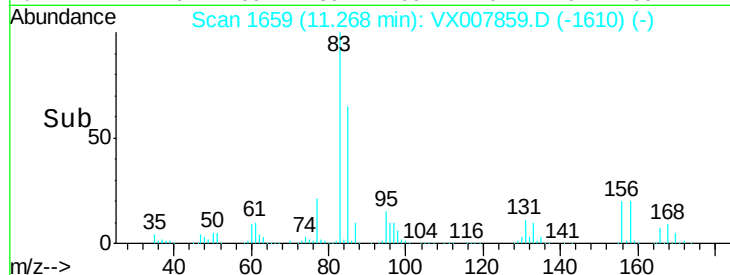


Abundance Ion 82.90 (82.60 to 83.60): VX0

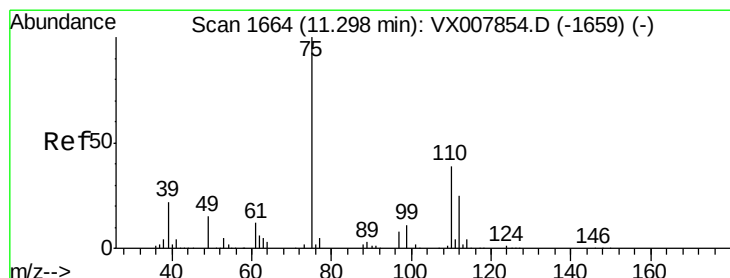
Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 63.608 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007859.D

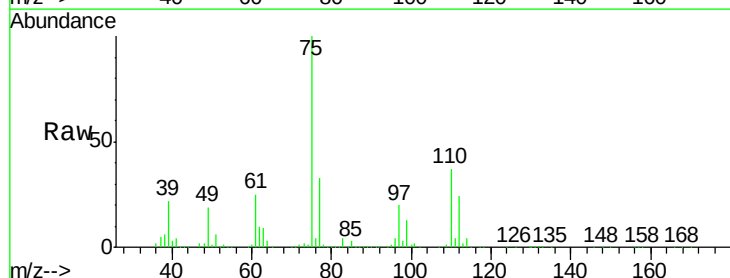
Acq: 06 Mar 2019 13:39

Tgt Ion: 75 Resp: 314452

Ion Ratio Lower Upper

75 100

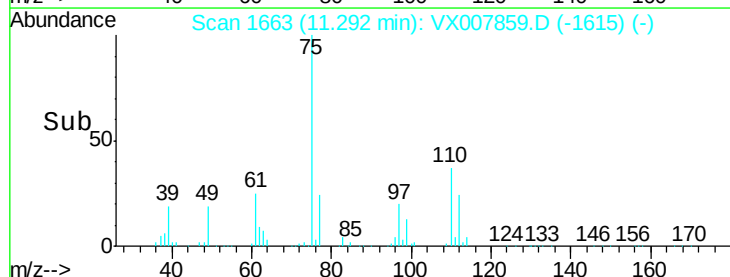
77 32.5 18.9 56.7



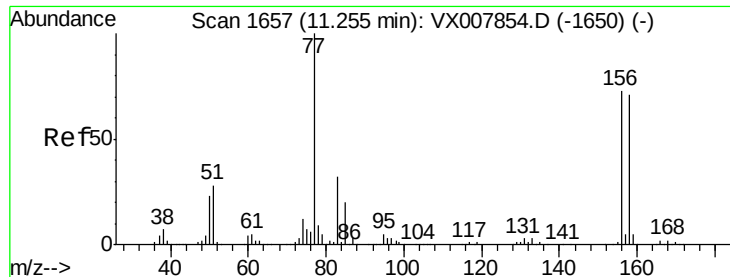
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

Time-->



Time-->



#77

Bromobenzene

Concen: 51.188 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

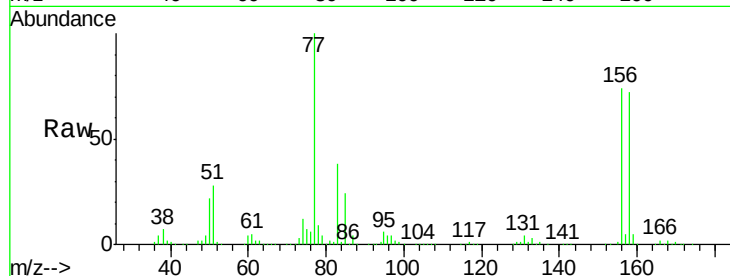
Tgt Ion:156 Resp: 223606

Ion Ratio Lower Upper

156 100

77 144.2 72.0 215.9

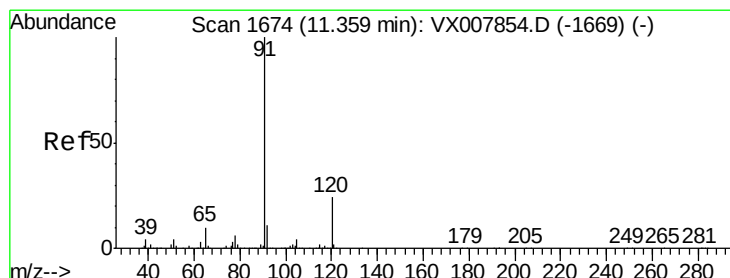
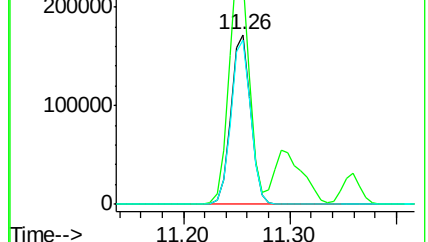
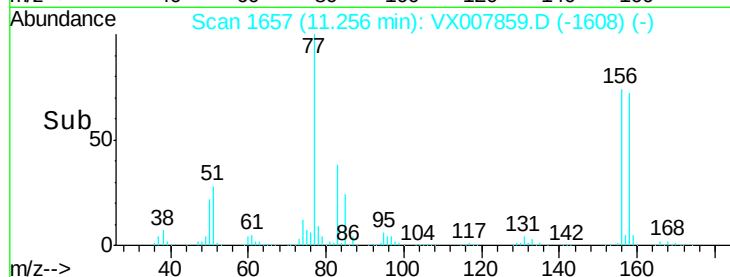
158 97.3 48.6 145.9



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: 55.991 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007859.D

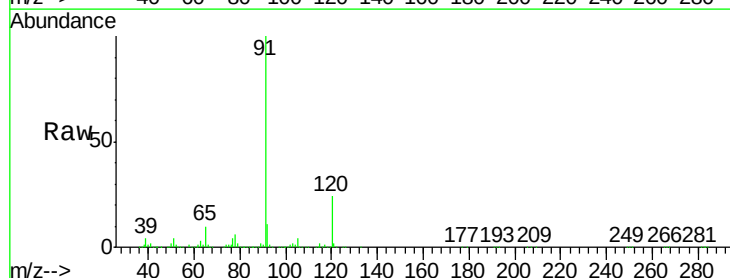
Acq: 06 Mar 2019 13:39

Tgt Ion: 91 Resp: 989682

Ion Ratio Lower Upper

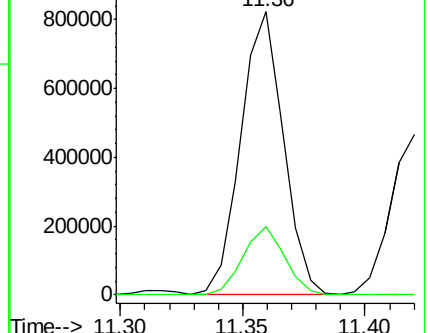
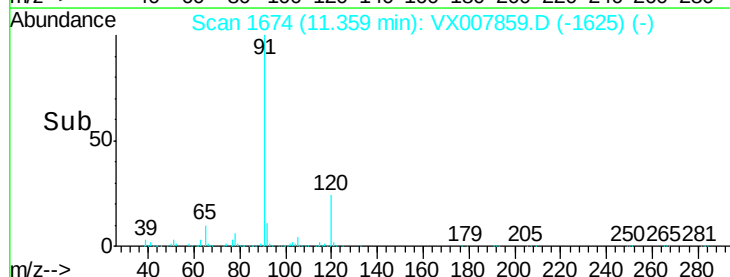
91 100

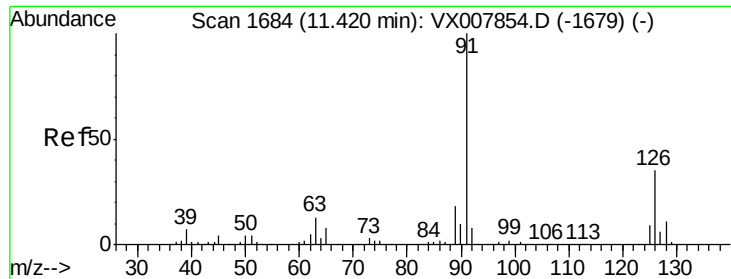
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

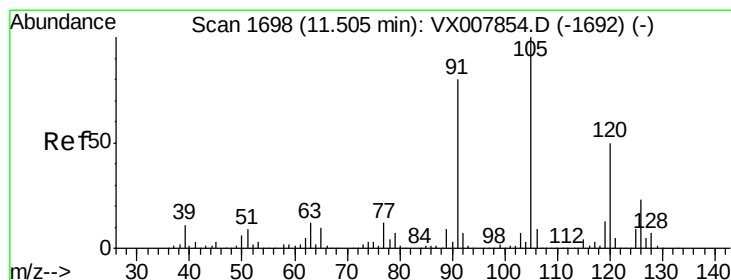
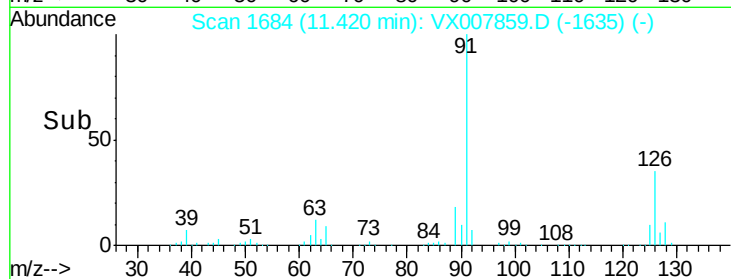
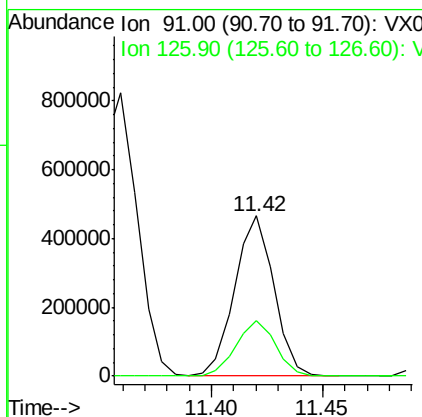
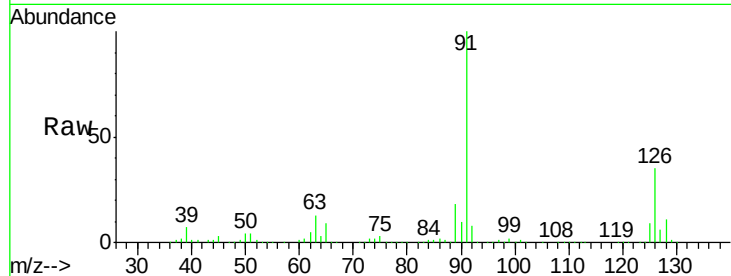




#79
 2-Chlorotoluene
 Concen: 52.552 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

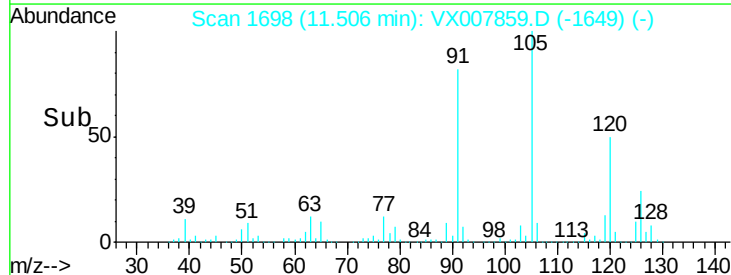
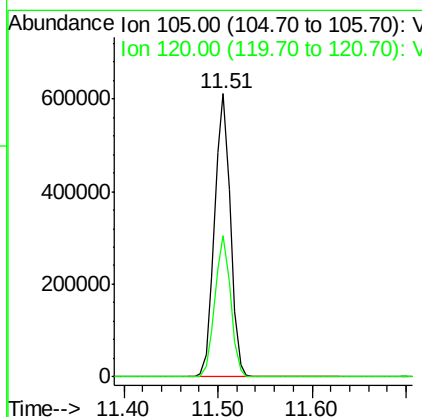
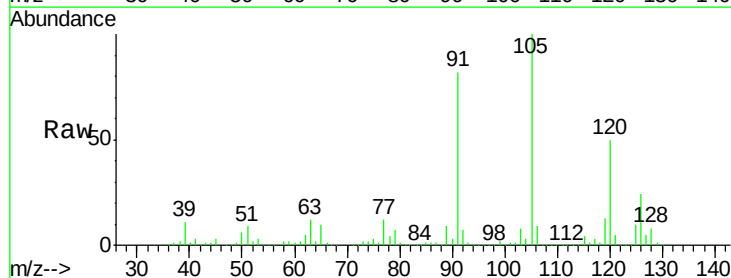
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

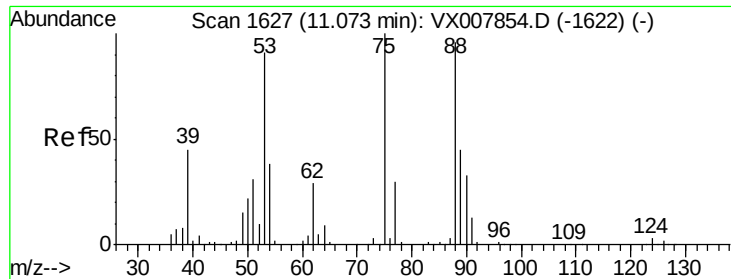
Tgt Ion: 91 Resp: 567953
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 54.333 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion: 105 Resp: 712510
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.351 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

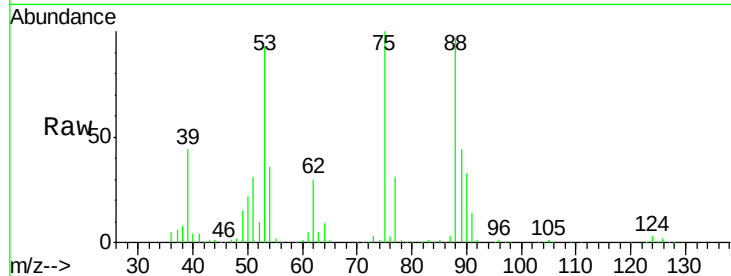
Tgt Ion: 75 Resp: 85604

Ion Ratio Lower Upper

75 100

53 93.8 76.1 114.1

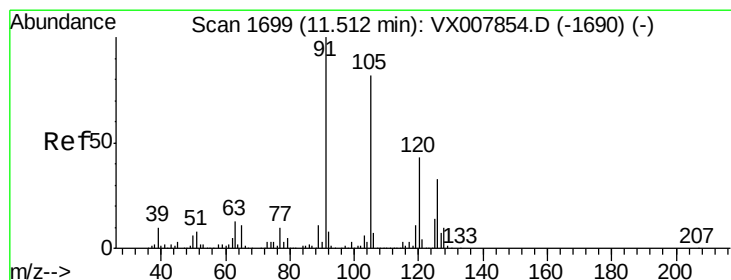
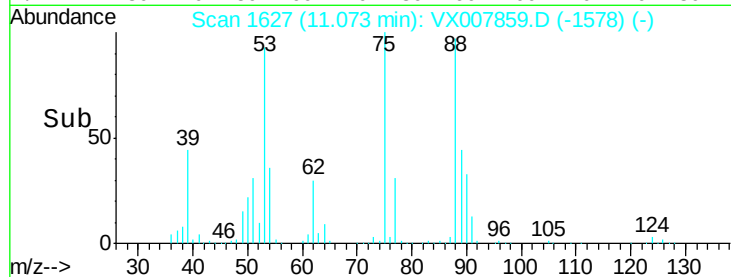
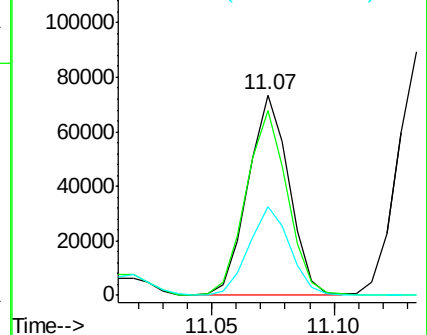
89 44.5 36.3 54.5



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: 53.659 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007859.D

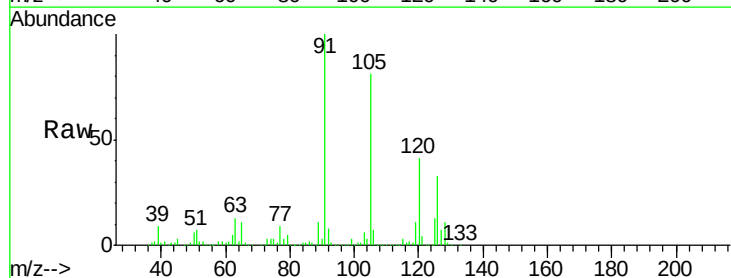
Acq: 06 Mar 2019 13:39

Tgt Ion: 91 Resp: 664578

Ion Ratio Lower Upper

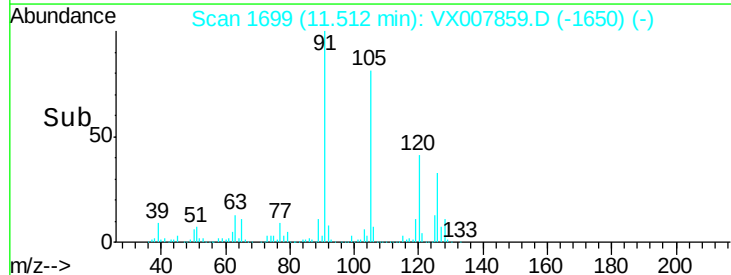
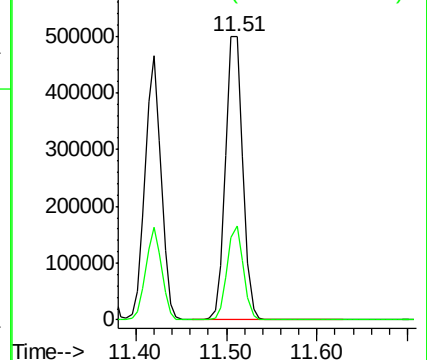
91 100

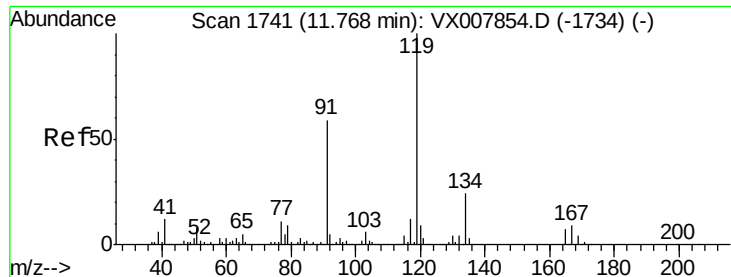
126 31.0 15.6 46.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

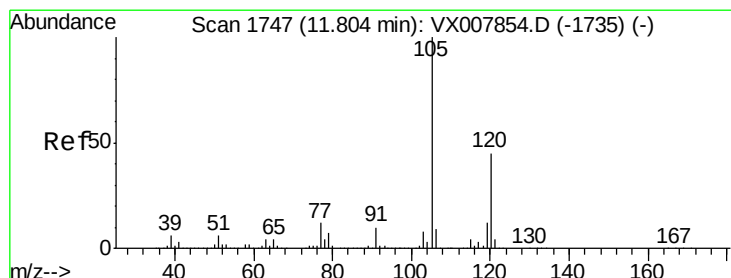
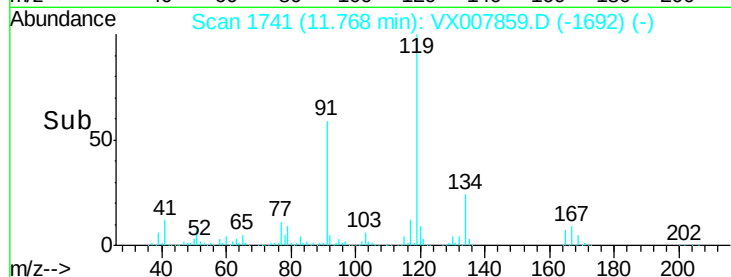
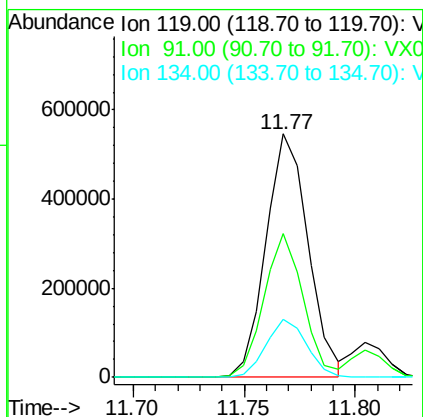
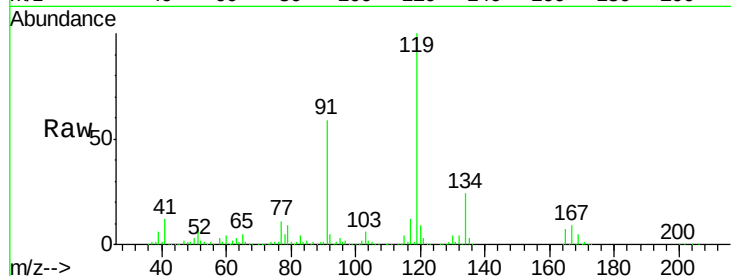




#83
 tert-Butylbenzene
 Concen: 54.461 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

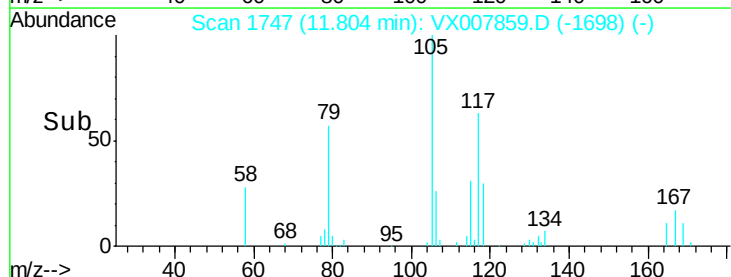
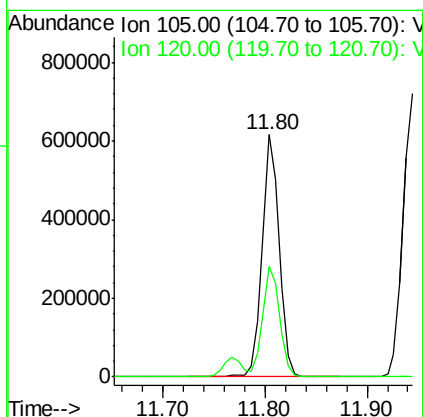
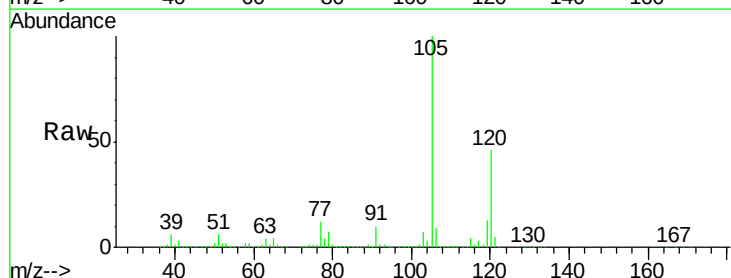
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

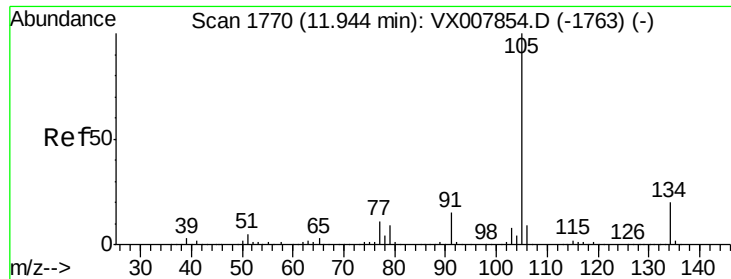
Tgt Ion:119 Resp: 719399
 Ion Ratio Lower Upper
 119 100
 91 55.1 27.1 81.3
 134 22.9 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 54.359 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion:105 Resp: 730761
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.008 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

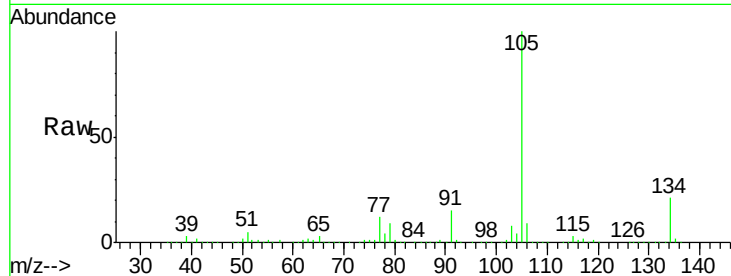
ICVVX030619

Tgt Ion:105 Resp: 871338

Ion Ratio Lower Upper

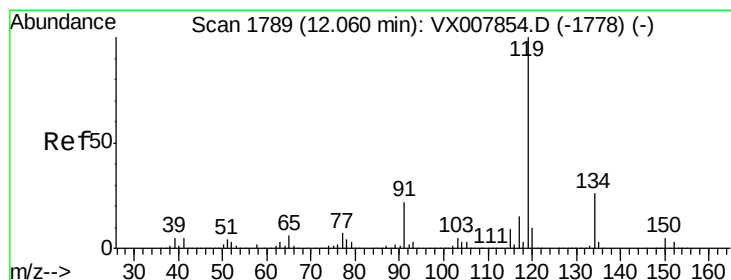
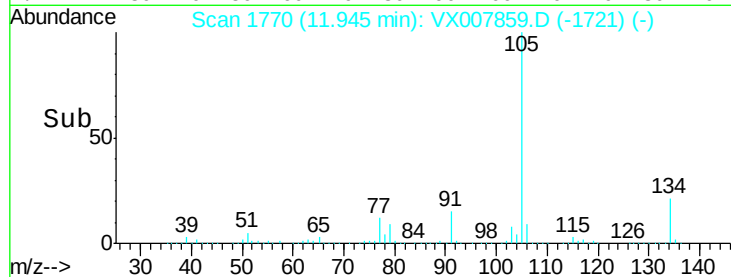
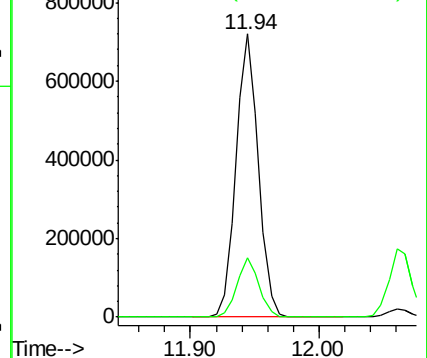
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.447 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

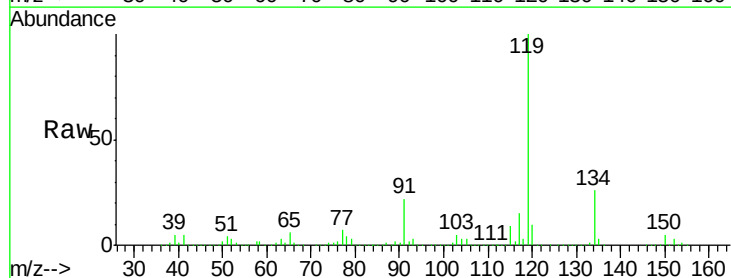
Tgt Ion:119 Resp: 786470

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.9

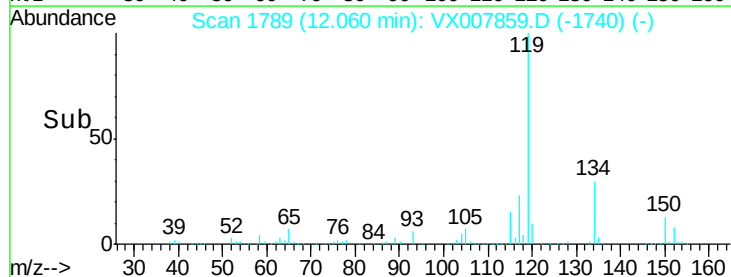
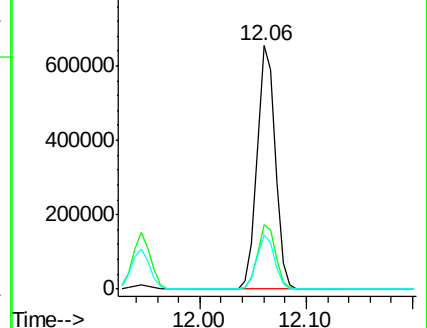
91 21.9 10.9 32.7

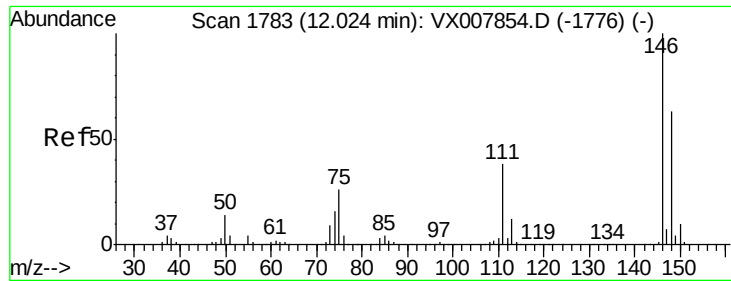


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

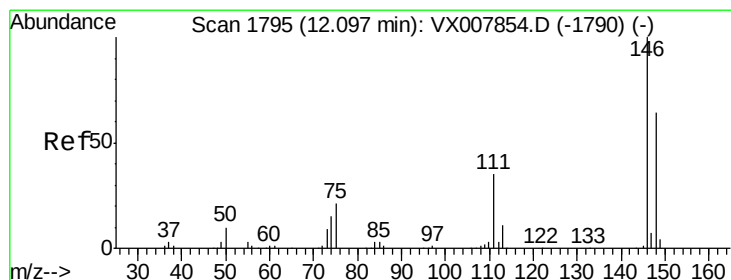
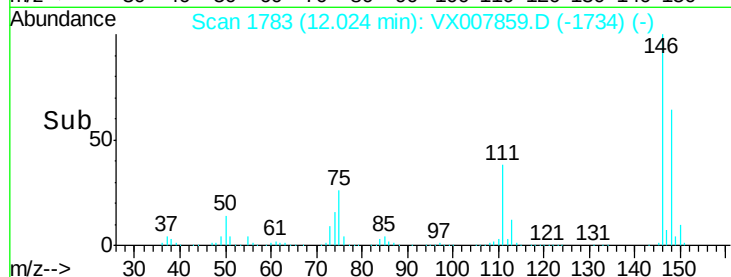
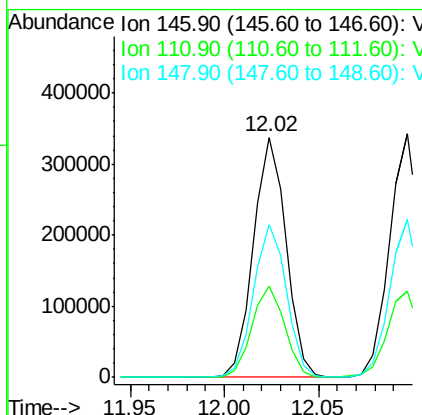
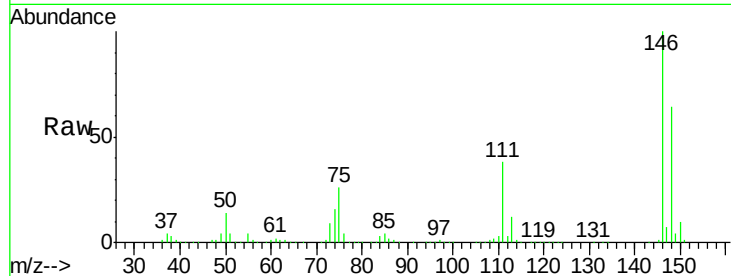




#87
 1,3-Dichlorobenzene
 Concen: 52.659 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

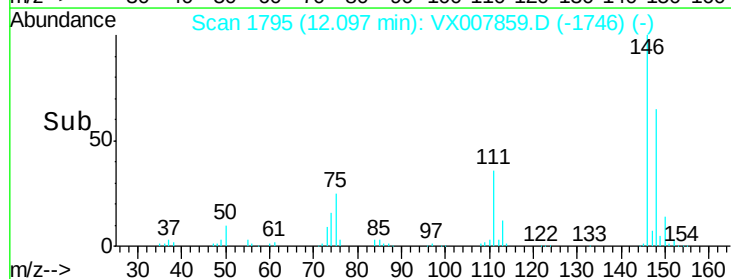
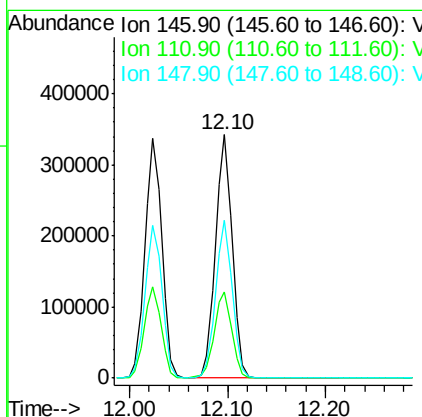
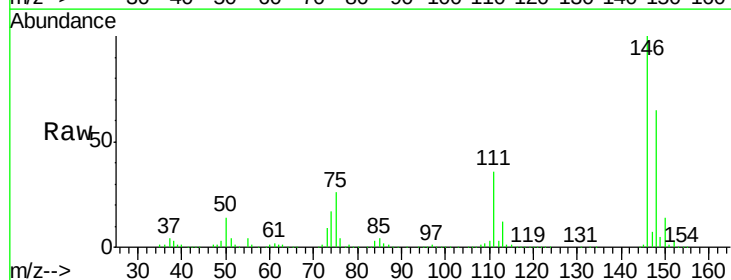
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

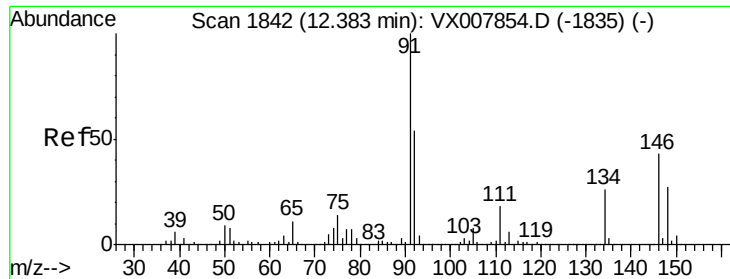
Tgt Ion:146 Resp: 406951
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.9 56.7
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 51.565 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion:146 Resp: 408102
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.4 55.0
 148 64.3 32.2 96.6

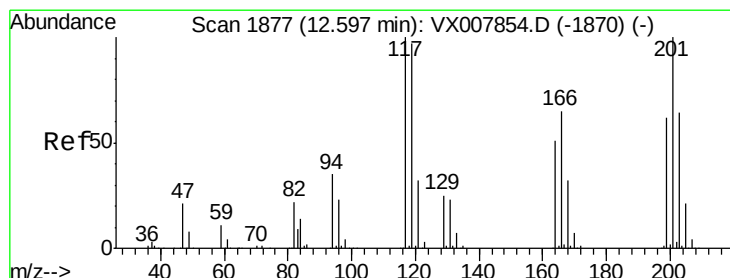
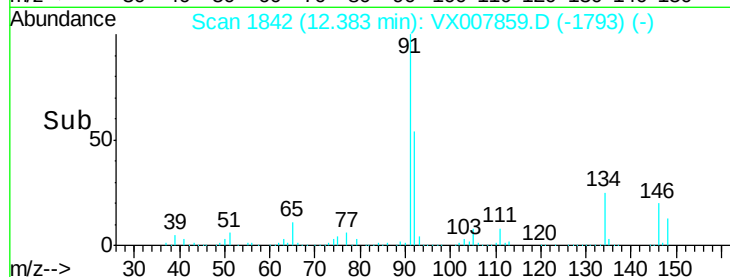
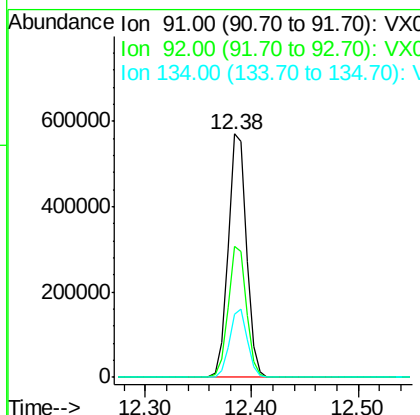
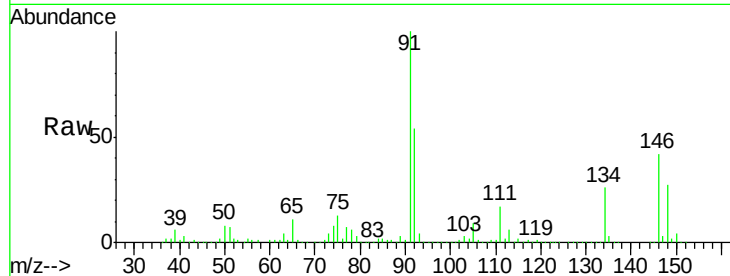




#89
n-Butylbenzene
Concen: 58.226 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

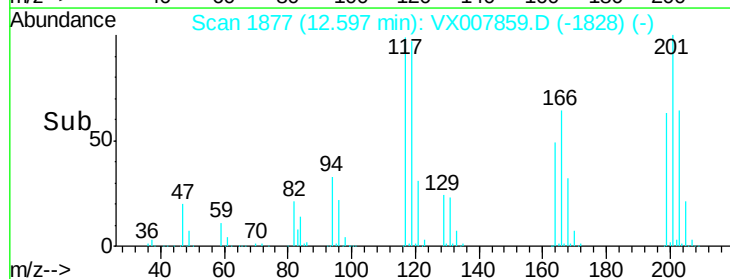
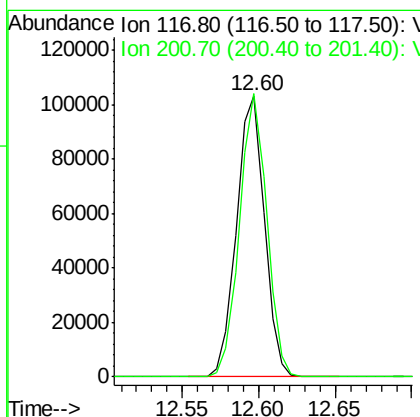
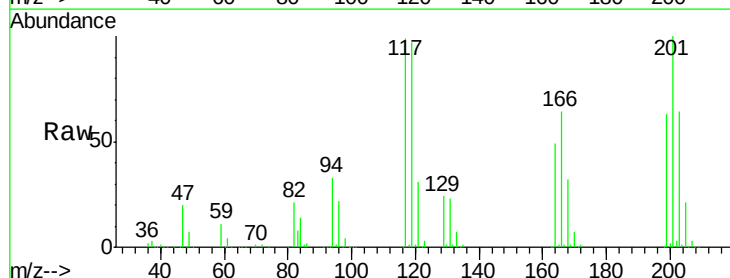
Instrument :
MSVOA_X
ClientSampleId :
ICVVX030619

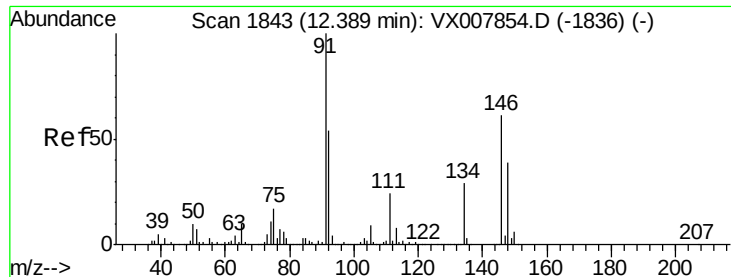
Tgt Ion: 91 Resp: 687302
Ion Ratio Lower Upper
91 100
92 53.4 27.0 80.8
134 27.5 13.7 41.0



#90
Hexachloroethane
Concen: 55.949 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007859.D
Acq: 06 Mar 2019 13:39

Tgt Ion: 117 Resp: 130335
Ion Ratio Lower Upper
117 100
201 98.4 48.9 146.7

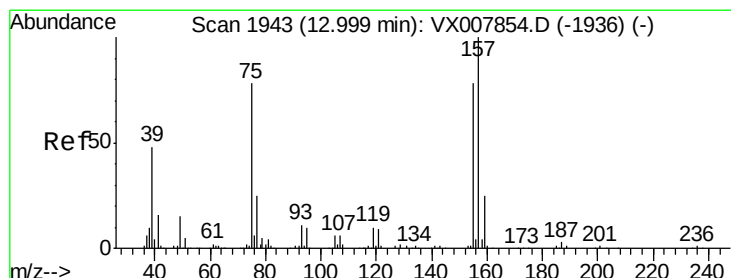
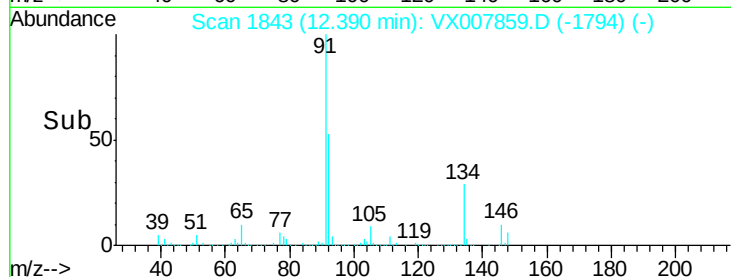
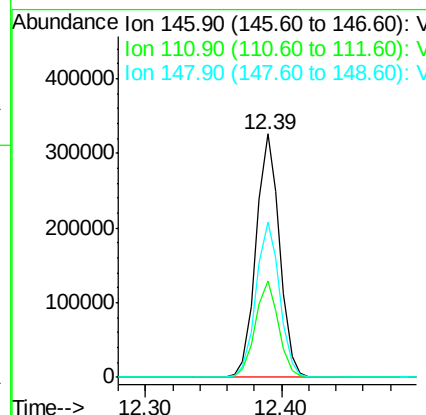
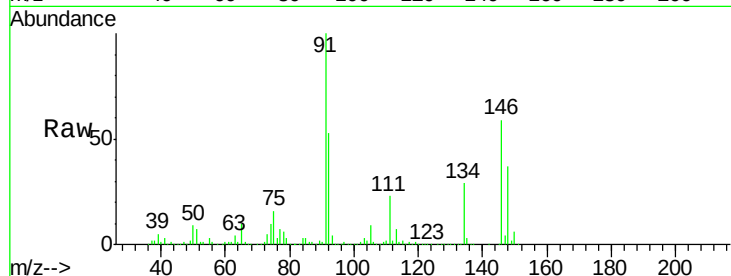




#91
 1,2-Dichlorobenzene
 Concen: 51.584 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

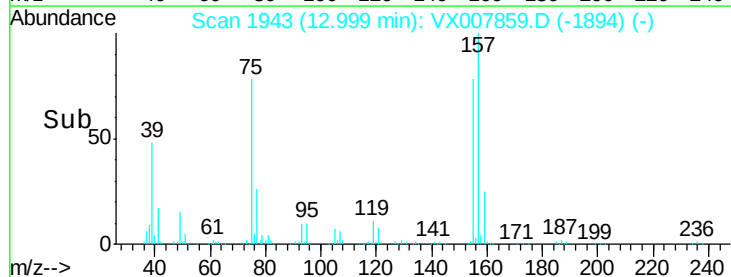
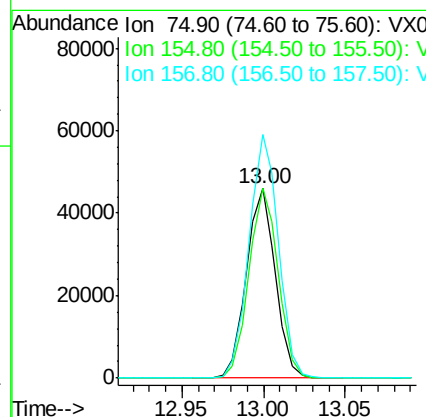
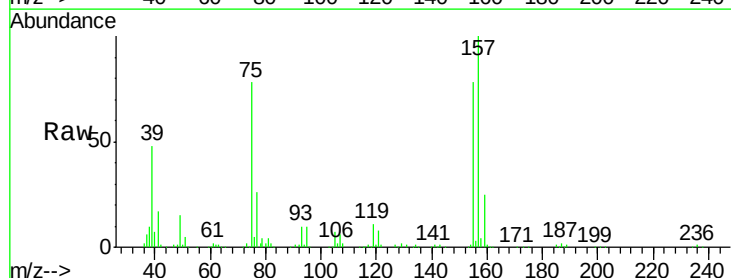
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

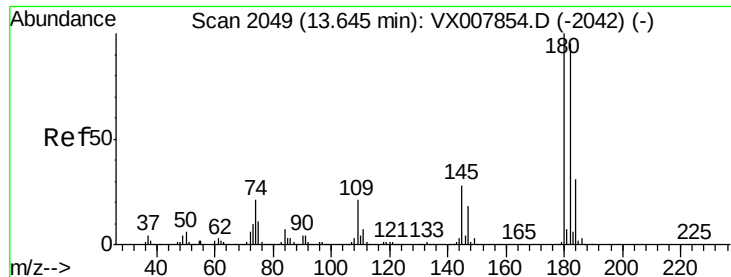
Tgt Ion: 146 Resp: 396029
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.6 58.8
 148 63.8 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.442 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion: 75 Resp: 56789
 Ion Ratio Lower Upper
 75 100
 155 101.3 49.7 149.1
 157 130.5 63.8 191.4

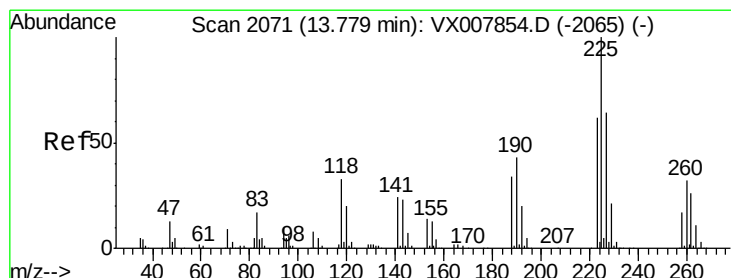
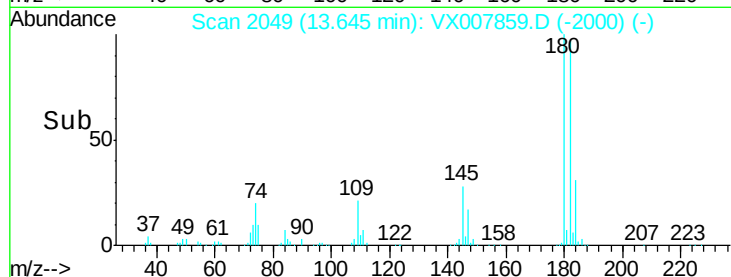
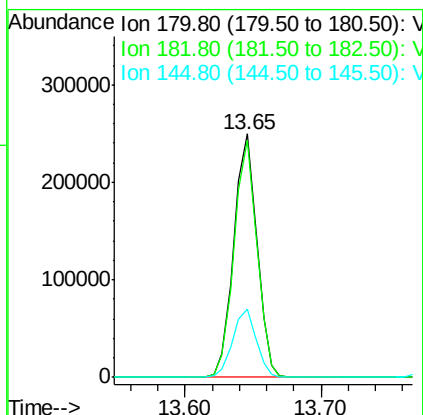
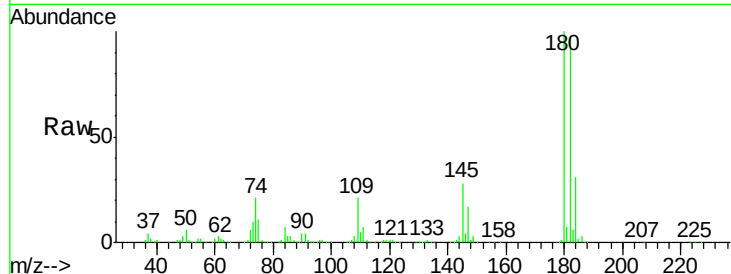




#93
 1,2,4-Trichlorobenzene
 Concen: 55.091 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

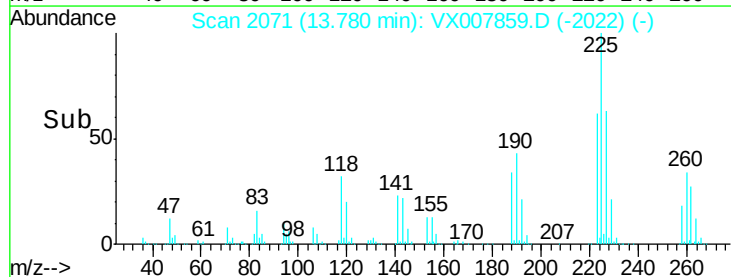
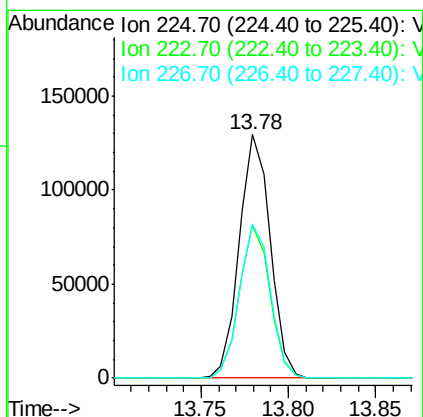
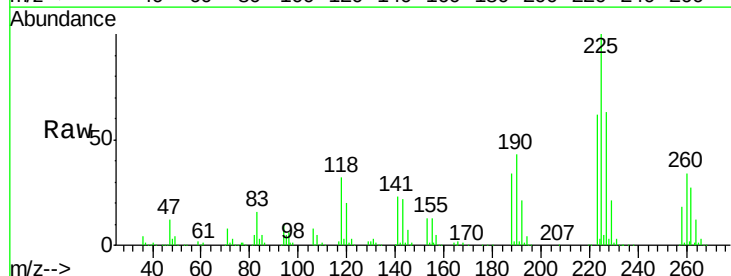
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030619

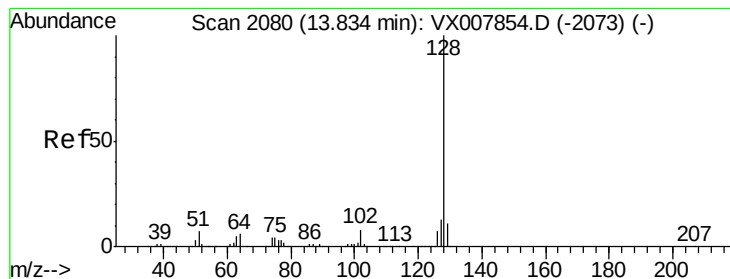
Tgt Ion:180 Resp: 297121
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.9 143.7
 145 28.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 56.453 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007859.D
 Acq: 06 Mar 2019 13:39

Tgt Ion:225 Resp: 159183
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.1 93.2
 227 63.3 32.0 96.0





#95

Naphthalene

Concen: 54.167 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030619

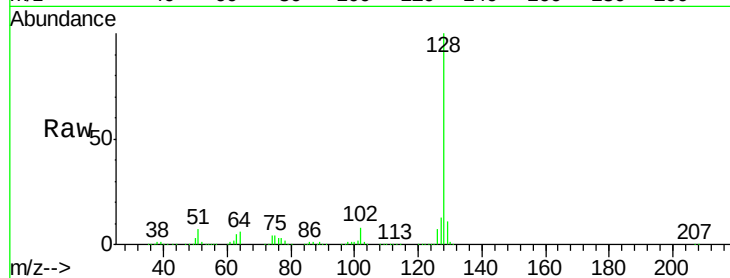
Tgt Ion:128 Resp: 841748

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

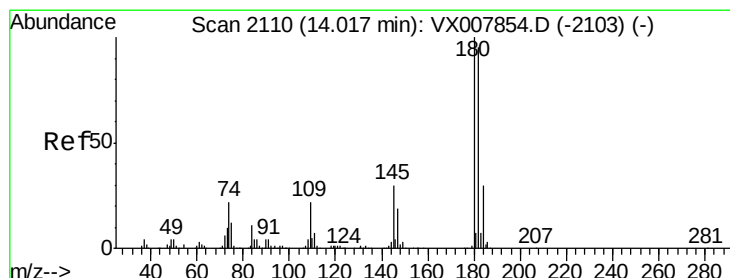
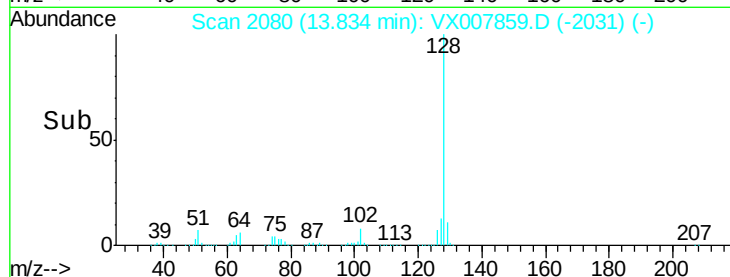
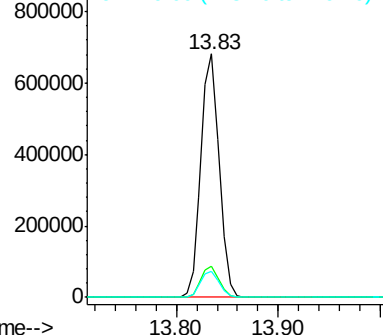
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.016 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007859.D

Acq: 06 Mar 2019 13:39

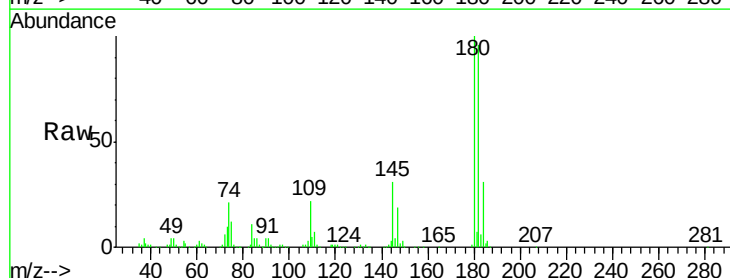
Tgt Ion:180 Resp: 290208

Ion Ratio Lower Upper

180 100

182 95.8 47.5 142.5

145 29.9 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

