

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015837.D
 Acq On : 22 Apr 2020 13:11
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042220

Quant Time: Apr 23 04:47:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	987627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1426833	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1355744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	720223	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	476190	42.39	ug/l	0.00
Spiked Amount			Recovery	=	84.78%	
35) Dibromofluoromethane	5.47	113	372378	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	
50) Toluene-d8	8.70	98	1465933	44.21	ug/l	0.00
Spiked Amount			Recovery	=	88.42%	
62) 4-Bromofluorobenzene	11.12	95	595373	43.77	ug/l	0.00
Spiked Amount			Recovery	=	87.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	509389	60.255	ug/l	99
3) Chloromethane	1.31	50	492154	56.843	ug/l	99
4) Vinyl Chloride	1.39	62	524903	52.377	ug/l	100
5) Bromomethane	1.62	94	219247	65.230	ug/l	100
6) Chloroethane	1.71	64	304614	53.340	ug/l	99
7) Trichlorofluoromethane	1.92	101	700927	56.372	ug/l	100
8) Diethyl Ether	2.17	74	263104	52.179	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	451360	53.512	ug/l	99
10) Methyl Iodide	2.49	142	605165	58.073	ug/l	98
11) Tert butyl alcohol	3.01	59	538128	234.472	ug/l	100
12) 1,1-Dichloroethene	2.36	96	449185	51.926	ug/l	98
13) Acrolein	2.27	56	264448	194.735	ug/l	98
14) Allyl chloride	2.71	41	958019	52.117	ug/l	99
15) Acrylonitrile	3.11	53	1368981	256.980	ug/l	99
16) Acetone	2.42	43	1092931	223.455	ug/l	98
17) Carbon Disulfide	2.55	76	1309928	41.699	ug/l	98
18) Methyl Acetate	2.75	43	792885	49.105	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1615007	52.884	ug/l	100
20) Methylene Chloride	2.83	84	503283	50.687	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	501472	52.248	ug/l	97
22) Diisopropyl ether	3.83	45	1741967	52.578	ug/l	97
23) Vinyl Acetate	3.78	43	7176927	261.730	ug/l	100
24) 1,1-Dichloroethane	3.67	63	914763	52.973	ug/l	100
25) 2-Butanone	4.64	43	1835061	237.371	ug/l	97
26) 2,2-Dichloropropane	4.55	77	833388	54.026	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	577453	52.995	ug/l	99
28) Bromochloromethane	4.98	49	409637	45.208	ug/l	100
29) Tetrahydrofuran	5.09	42	1258921	246.201	ug/l	99
30) Chloroform	5.18	83	893686	51.437	ug/l	98
31) Cyclohexane	5.55	56	881717	53.726	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	815284	52.629	ug/l	99
36) 1,1-Dichloropropene	5.77	75	708673	56.025	ug/l	99
37) Ethyl Acetate	4.80	43	781270	51.897	ug/l	99
38) Carbon Tetrachloride	5.76	117	698892	56.093	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	899405	56.148	ug/l	99
40) Benzene	6.11	78	2060822	54.094	ug/l	100
41) Methacrylonitrile	5.00	41	452840	54.134	ug/l	99
42) 1,2-Dichloroethane	6.16	62	735950	53.646	ug/l	100
43) Isopropyl Acetate	6.41	43	1344549	52.948	ug/l	100
44) Trichloroethene	7.19	130	736792	55.031	ug/l	93
45) 1,2-Dichloropropane	7.49	63	543965	54.484	ug/l	97
46) Dibromomethane	7.64	93	373285	51.218	ug/l	99
47) Bromodichloromethane	7.87	83	710858	54.826	ug/l	99
48) Methyl methacrylate	7.75	41	671348	53.746	ug/l	100
49) 1,4-Dioxane	7.72	88	222323	941.770	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	3820009	260.617	ug/l	100
52) Toluene	8.76	92	1346302	55.132	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	895076	55.638	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	929146	54.646	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	511047	53.595	ug/l	96
56) Ethyl methacrylate	9.16	69	873530	54.084	ug/l	100
57) 1,3-Dichloropropane	9.36	76	889886	53.705	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2246050	278.372	ug/l	99
59) 2-Hexanone	9.47	43	2784160	249.337	ug/l	99
60) Dibromochloromethane	9.57	129	554714	56.333	ug/l	96
61) 1,2-Dibromoethane	9.65	107	561253	53.257	ug/l	99
64) Tetrachloroethene	9.32	164	978444	53.543	ug/l	96
65) Chlorobenzene	10.12	112	1450847	53.516	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	540633	53.349	ug/l	95
67) Ethyl Benzene	10.23	91	2581697	54.228	ug/l	99
68) m/p-Xylenes	10.34	106	1951335	109.197	ug/l	100
69) o-Xylene	10.68	106	950485	54.051	ug/l	98
70) Styrene	10.70	104	1656780	54.413	ug/l	99
71) Bromoform	10.84	173	369584	55.968	ug/l #	97
73) Isopropylbenzene	11.00	105	2567897	56.140	ug/l	100
74) N-amyl acetate	10.88	43	1236981	52.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	514137	53.111	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	953849	69.647	ug/l	83
77) Bromobenzene	11.24	156	676906	54.161	ug/l	98
78) n-propylbenzene	11.34	91	2932861	55.972	ug/l	99
79) 2-Chlorotoluene	11.40	91	1721836	54.705	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2152467	55.187	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	302551	53.141	ug/l #	76
82) 4-Chlorotoluene	11.50	91	2070000	55.345	ug/l	100
83) tert-Butylbenzene	11.76	119	1906917	55.118	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2218267	54.782	ug/l	99
85) sec-Butylbenzene	11.93	105	2539839	55.690	ug/l	100
86) p-Isopropyltoluene	12.05	119	2402080	56.326	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1246271	54.323	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1221012	53.167	ug/l	98
89) n-Butylbenzene	12.37	91	2167042	56.835	ug/l	98
90) Hexachloroethane	12.58	117	285516	63.376	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1170810	53.807	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	152257	53.037	ug/l	98

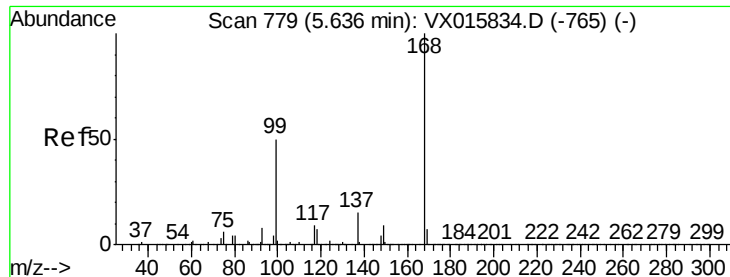
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042220\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	954055	55.648	ug/l	99
94) Hexachlorobutadiene	13.77	225	490183	63.768	ug/l	98
95) Naphthalene	13.82	128	2640672	53.536	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	908448	54.311	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

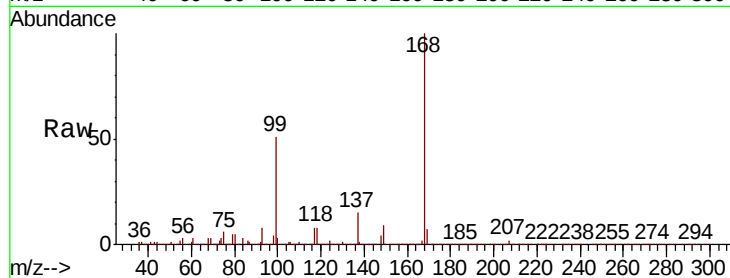
ICVVX042220

Tot Ion:168 Resp: 987627

Ion Ratio Lower Upper

168 100

99 50.8 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

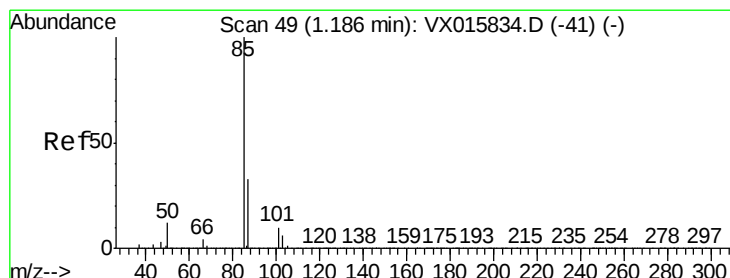
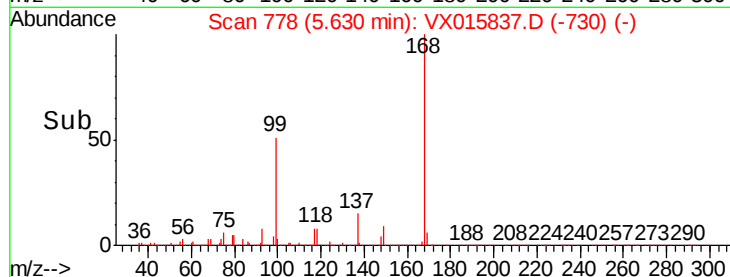
200000

100000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 60.255 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015837.D

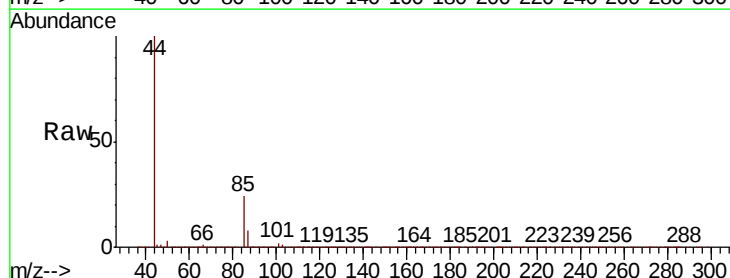
Acq: 22 Apr 2020 13:11

Tgt Ion: 85 Resp: 509389

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

600000

500000

400000

300000

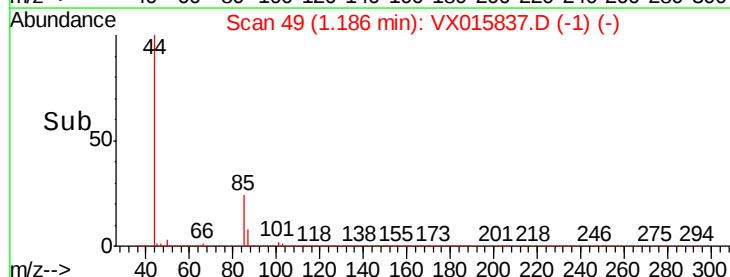
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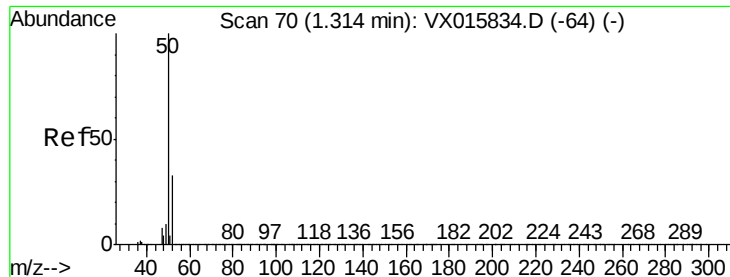
100000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 56.843 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

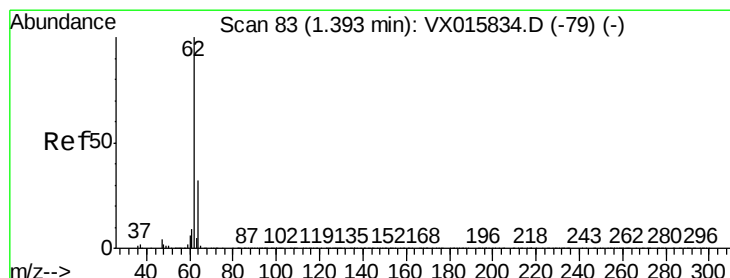
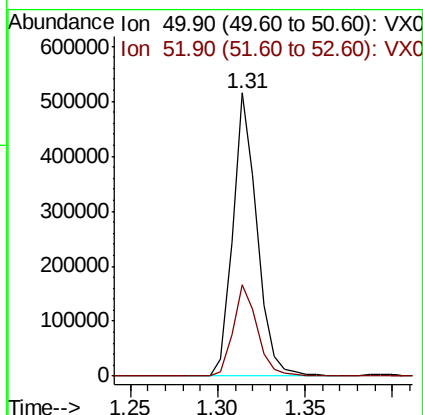
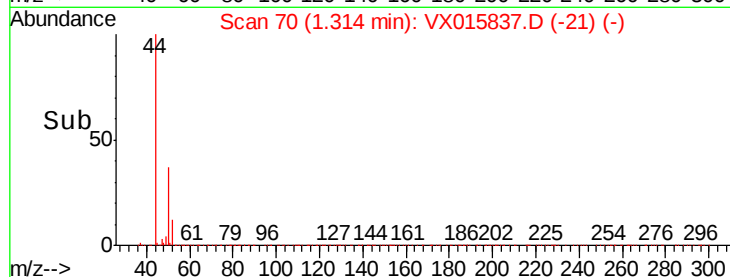
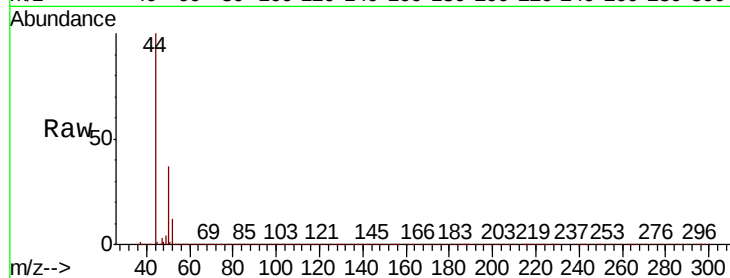
ICVVX042220

Tot Ion: 50 Resp: 492154

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.4



#4

Vinyl Chloride

Concen: 52.377 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015837.D

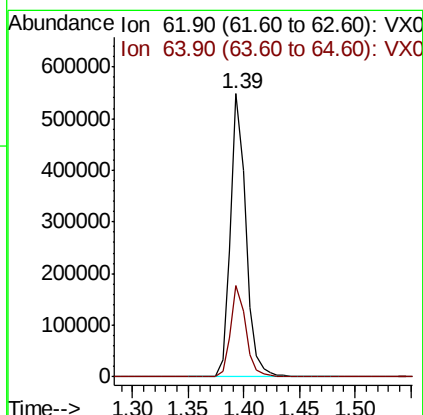
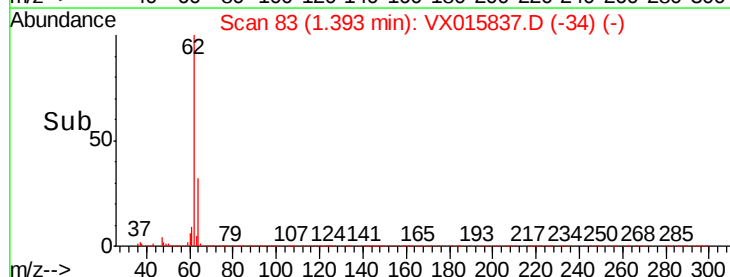
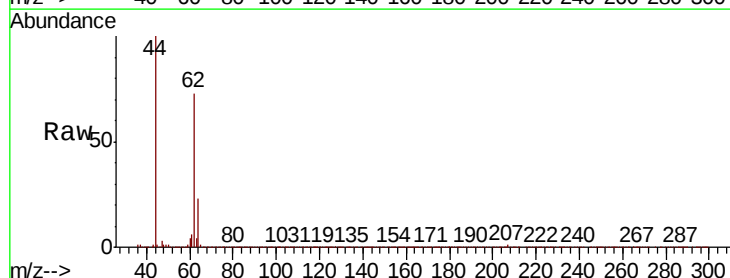
Acq: 22 Apr 2020 13:11

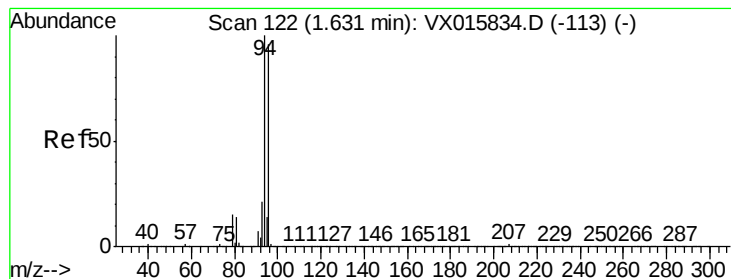
Tgt Ion: 62 Resp: 524903

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 65.230 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

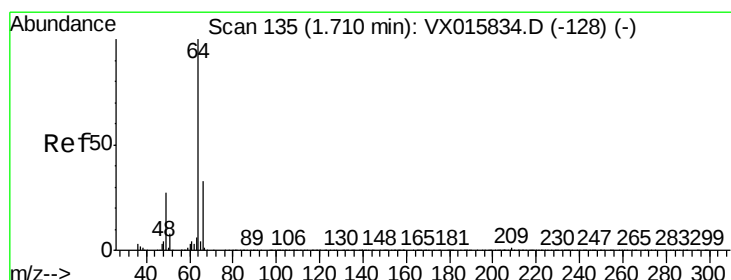
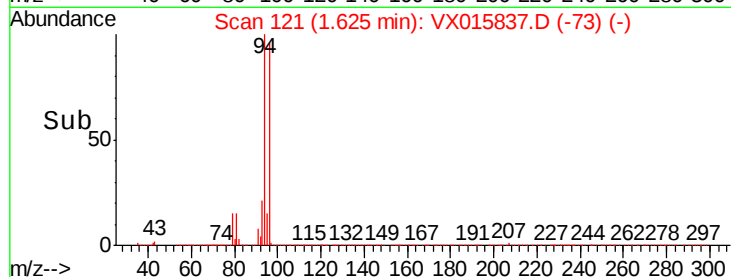
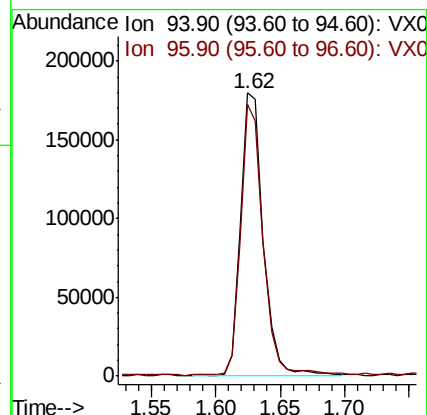
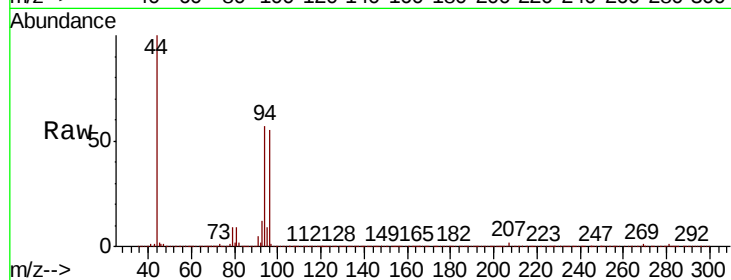
ICVVX042220

Tot Ion: 94 Resp: 219247

Ion Ratio Lower Upper

94 100

96 95.6 76.7 115.1



#6

Chloroethane

Concen: 53.340 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015837.D

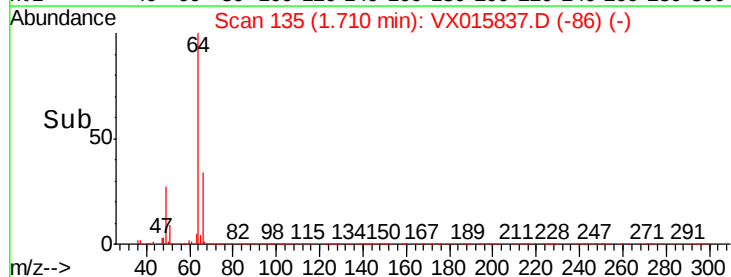
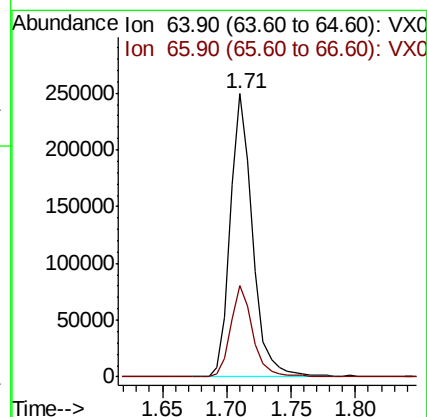
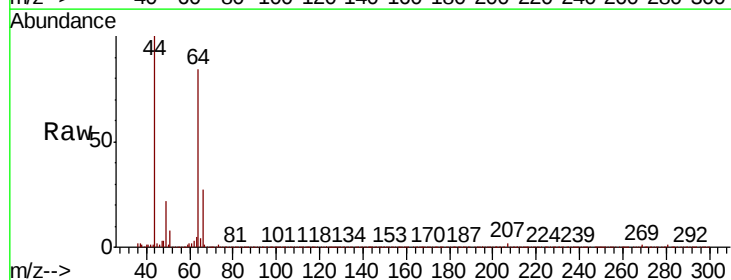
Acq: 22 Apr 2020 13:11

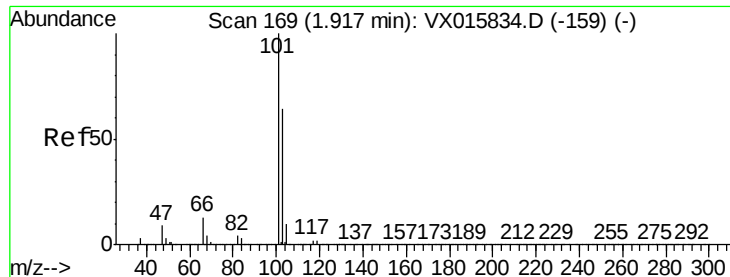
Tgt Ion: 64 Resp: 304614

Ion Ratio Lower Upper

64 100

66 32.1 26.2 39.2



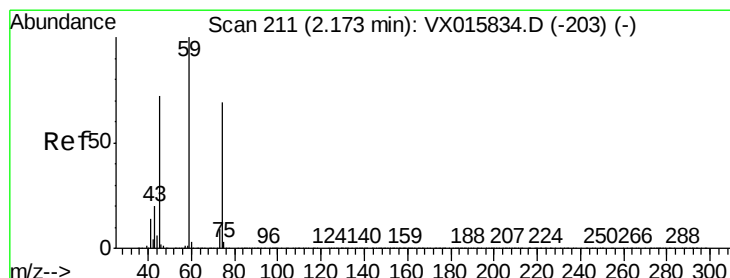
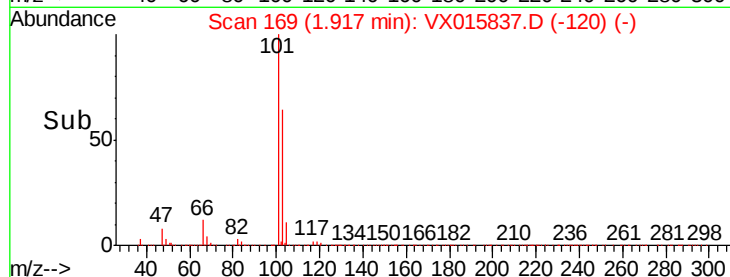
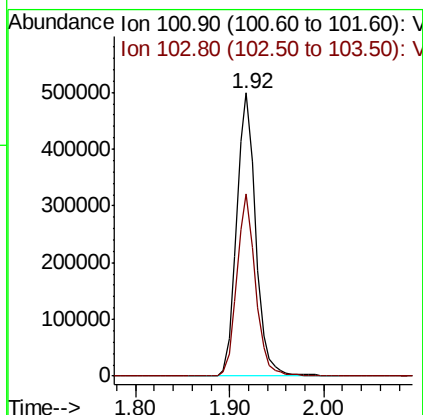
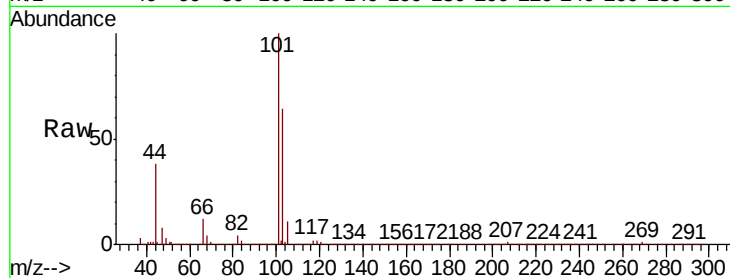


#7

Trichlorofluoromethane
Concen: 56.372 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Instrument :
MSVOA_X
ClientSampled :
ICVVX042220

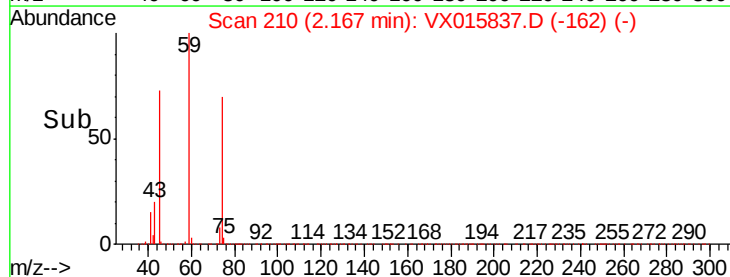
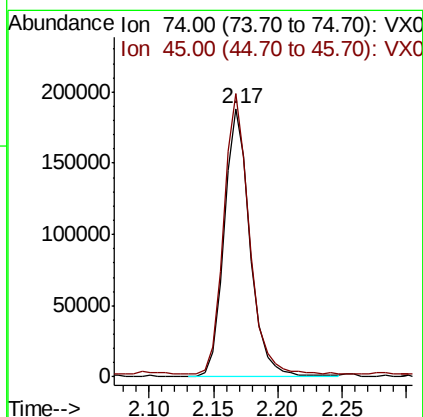
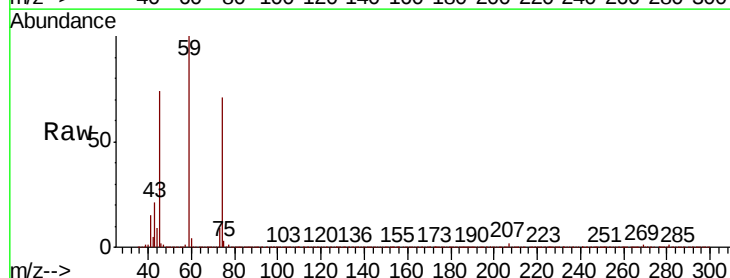
Tot Ion:101 Resp: 700927
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

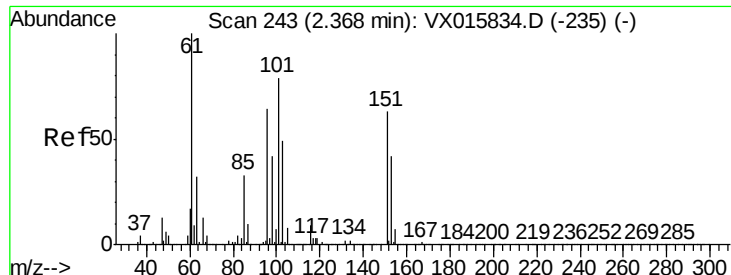


#8

Diethyl Ether
Concen: 52.179 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 74 Resp: 263104
Ion Ratio Lower Upper
74 100
45 104.5 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.512 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

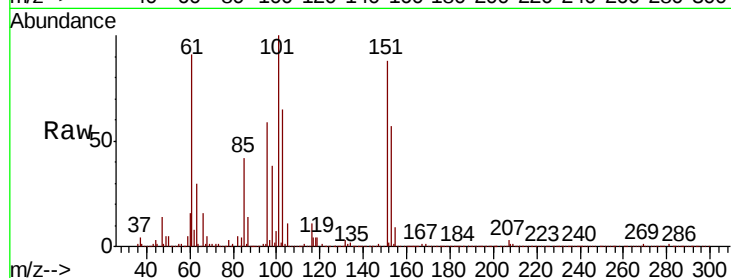
Tot Ion:101 Resp: 451360

Ion Ratio Lower Upper

101 100

85 42.2 33.8 50.6

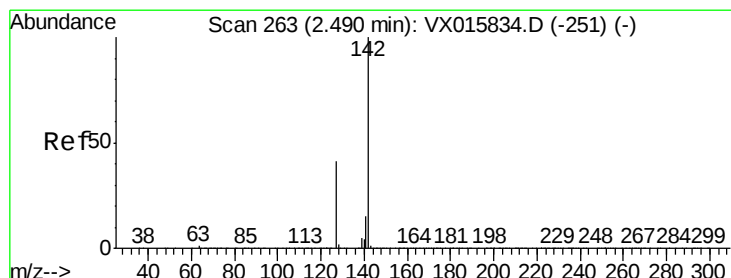
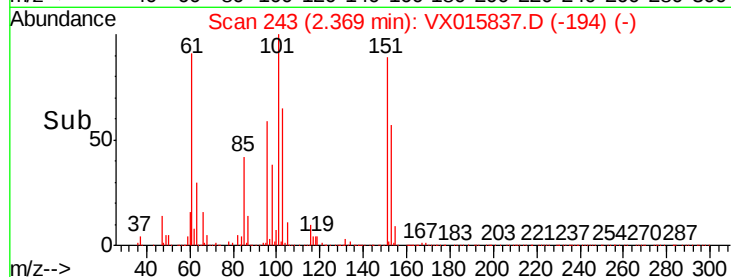
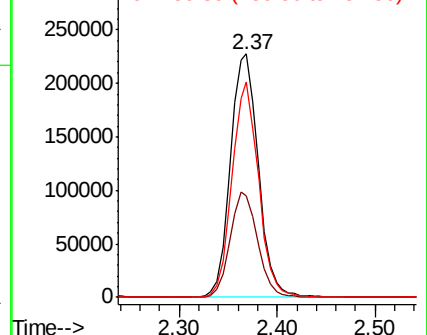
151 83.8 67.8 101.6



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: 58.073 ug/l

RT: 2.49 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

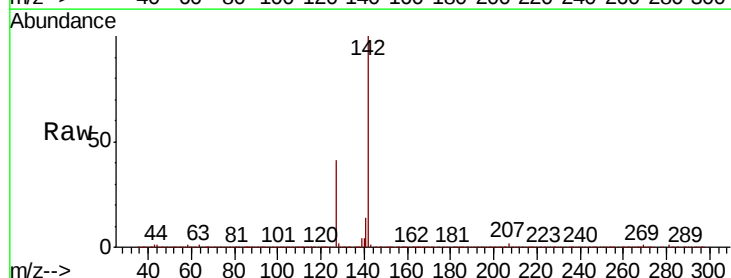
Tgt Ion:142 Resp: 605165

Ion Ratio Lower Upper

142 100

127 40.0 33.3 49.9

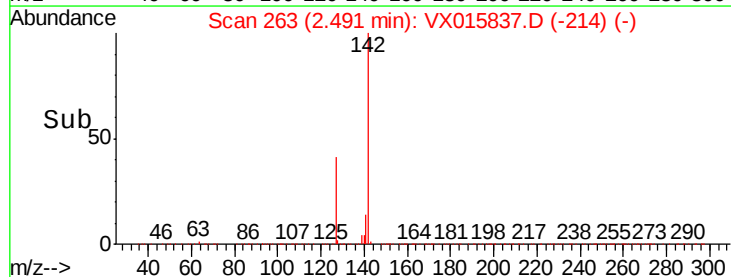
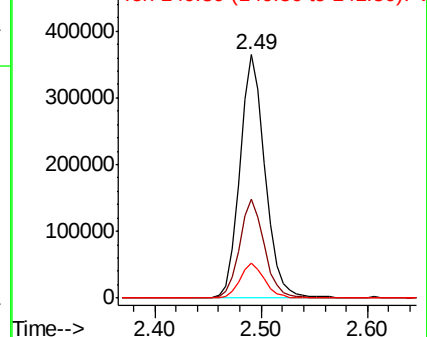
141 14.1 11.8 17.6

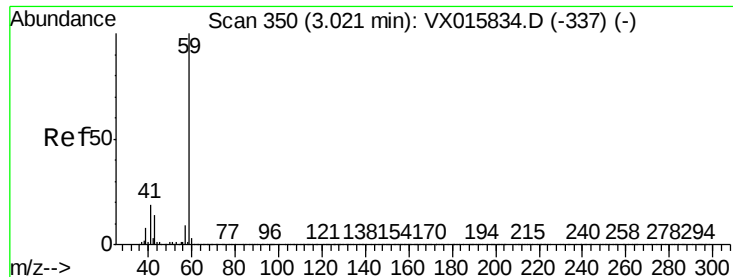


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

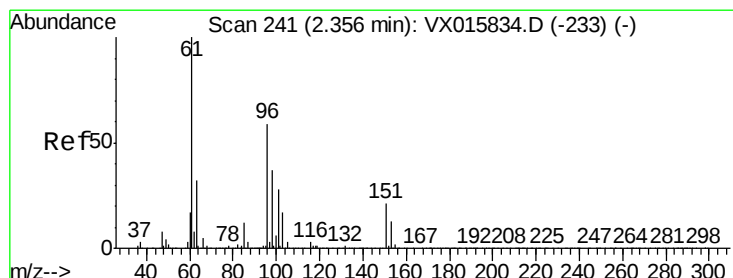
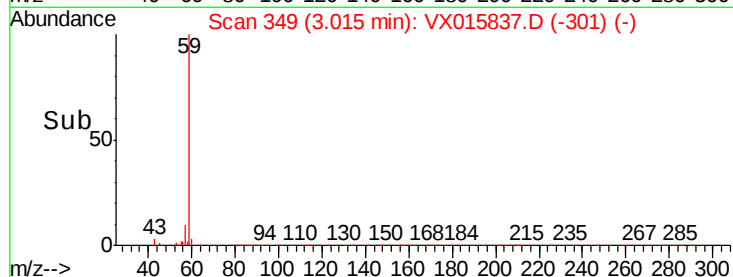
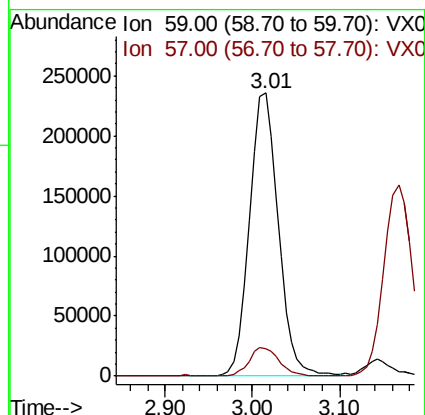
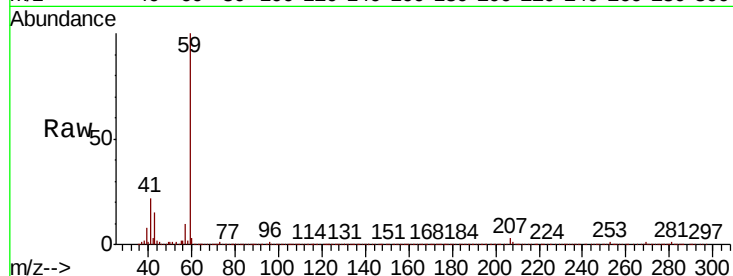




#11
Tert butyl alcohol
Concen: 234.472 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

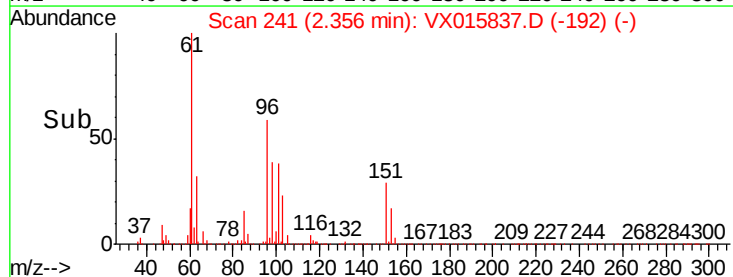
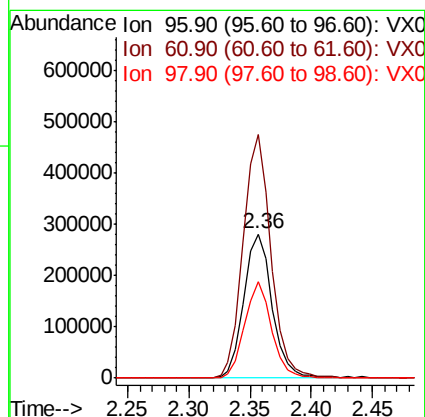
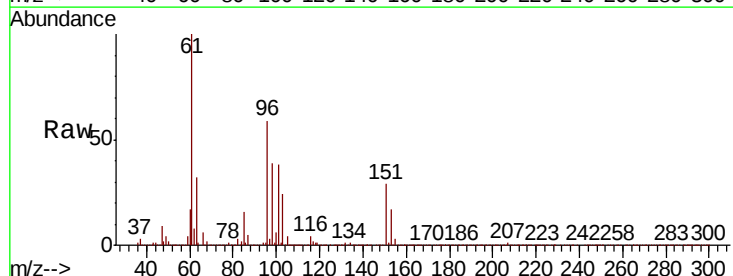
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

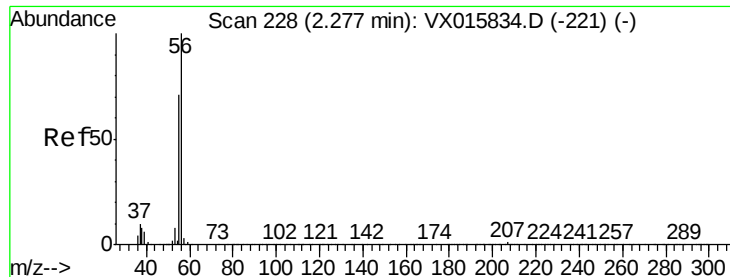
Tot Ion: 59 Resp: 538128
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 51.926 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 96 Resp: 449185
Ion Ratio Lower Upper
96 100
61 169.7 135.0 202.6
98 66.7 50.6 76.0

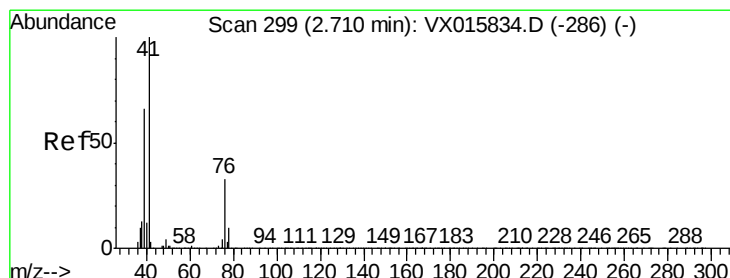
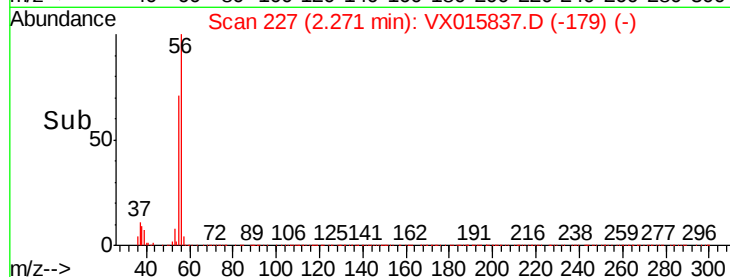
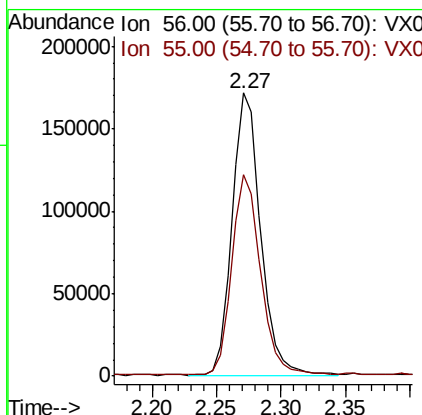
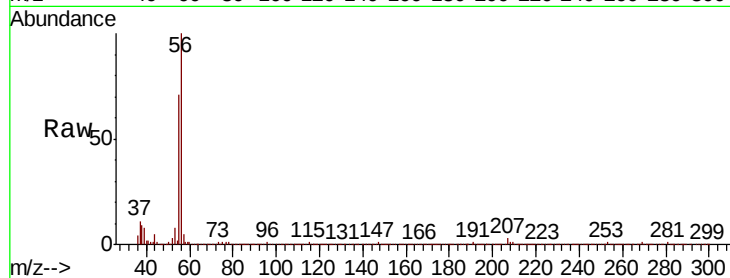




#13
Acrolein
Concen: 194.735 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

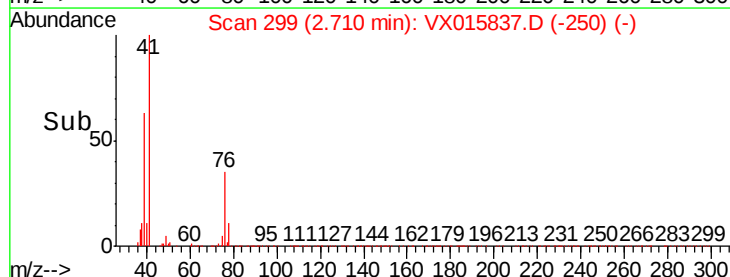
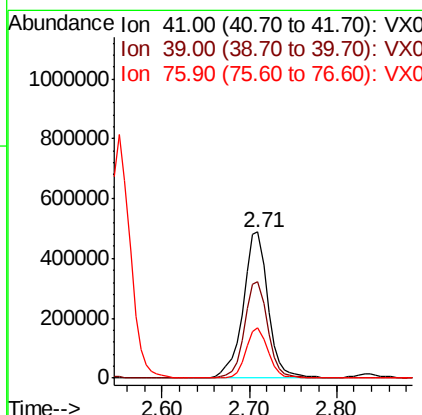
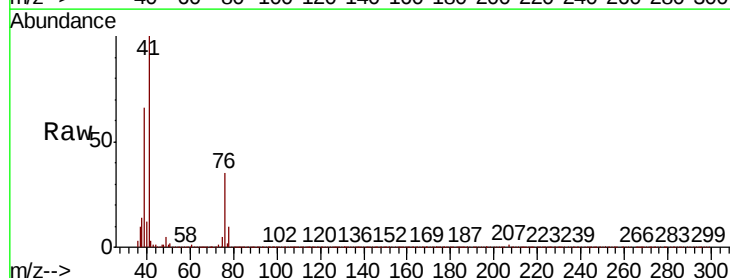
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

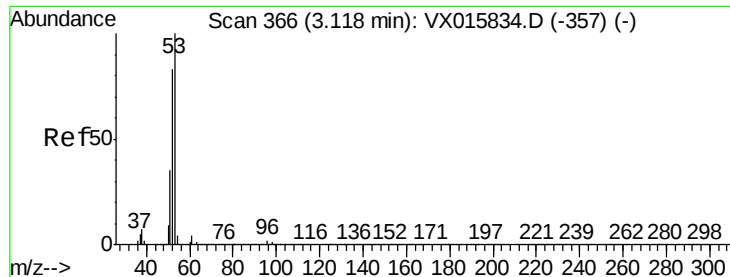
Tot Ion: 56 Resp: 264448
Ion Ratio Lower Upper
56 100
55 71.3 56.1 84.1



#14
Allyl chloride
Concen: 52.117 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 41 Resp: 958019
Ion Ratio Lower Upper
41 100
39 61.6 48.4 72.6
76 30.4 23.8 35.8





#15

Acrylonitrile

Concen: 256.980 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

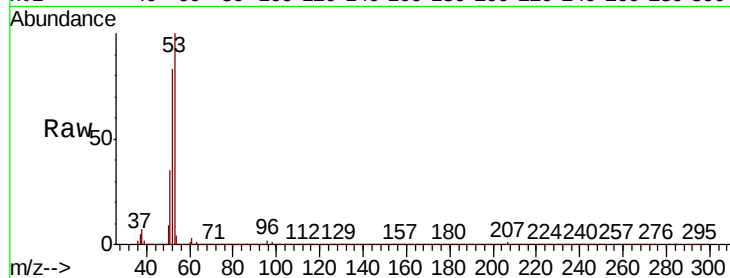
MSVOA_X

ClientSampleId :

ICVVX042220

Tot Ion: 53 Resp: 1368981

Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.4
51	35.5	28.6	43.0

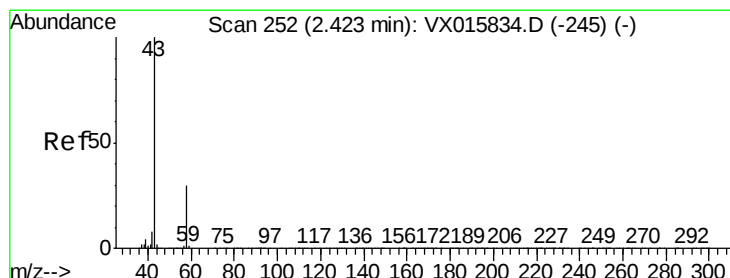
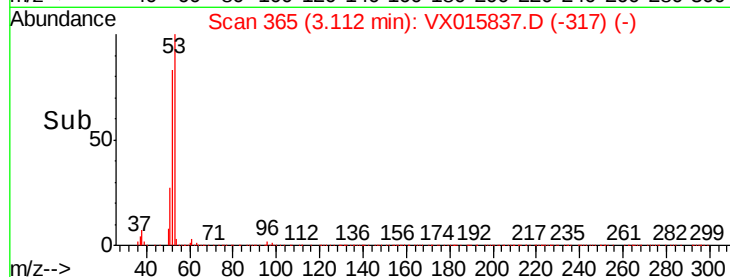


Abundance

Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 223.455 ug/l

RT: 2.42 min Scan# 251

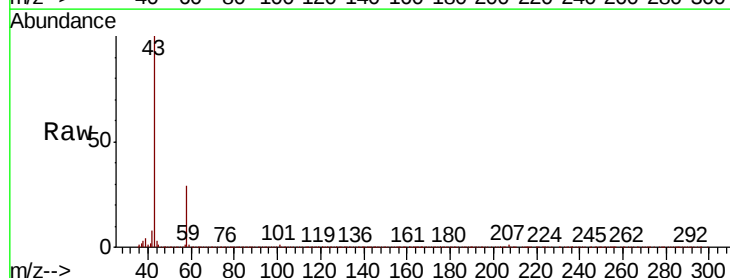
Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Tgt Ion: 43 Resp: 1092931

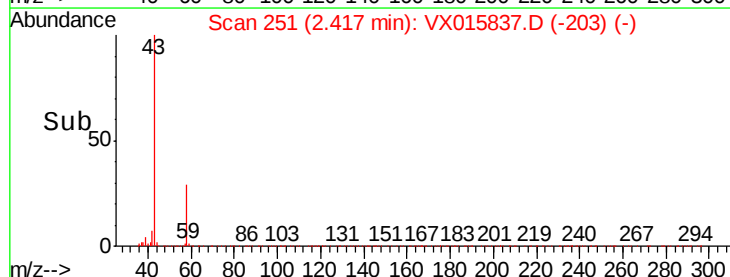
Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.0	36.0

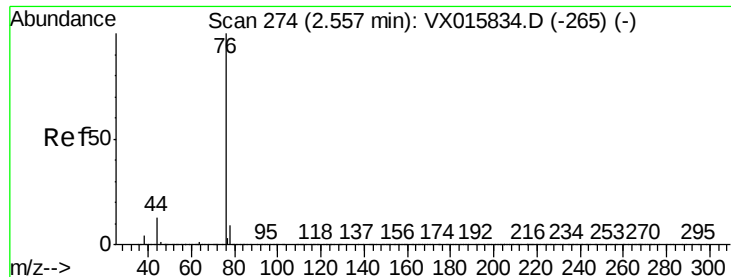


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 41.699 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

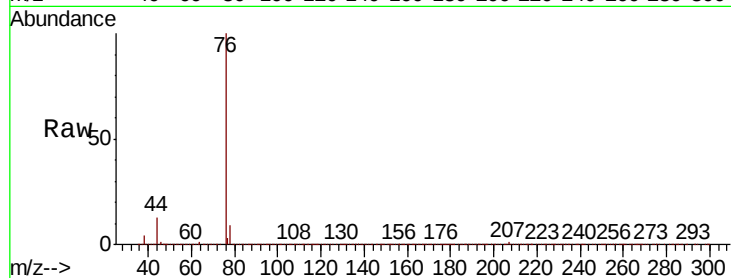
ICVVX042220

Tot Ion: 76 Resp: 1309928

Ion Ratio Lower Upper

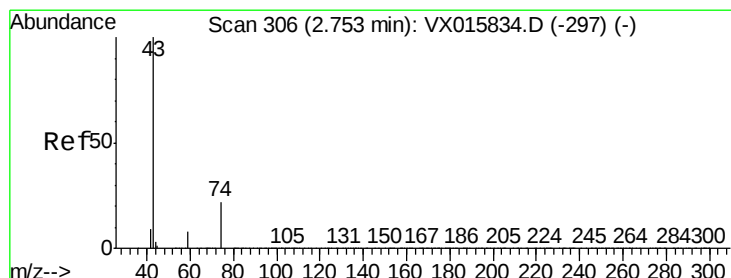
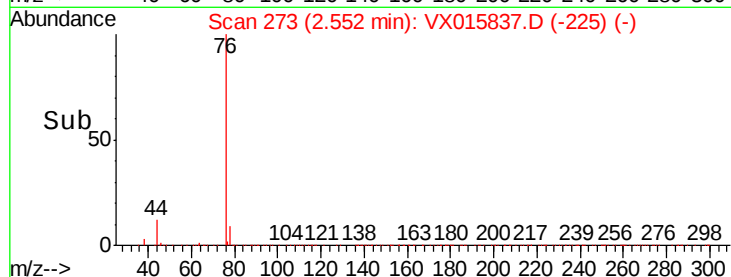
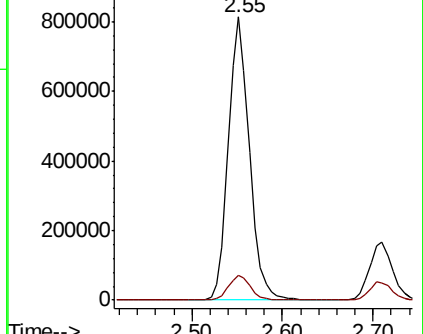
76 100

78 8.6 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.105 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015837.D

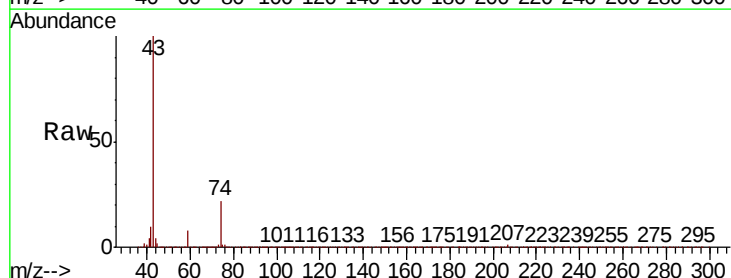
Acq: 22 Apr 2020 13:11

Tgt Ion: 43 Resp: 792885

Ion Ratio Lower Upper

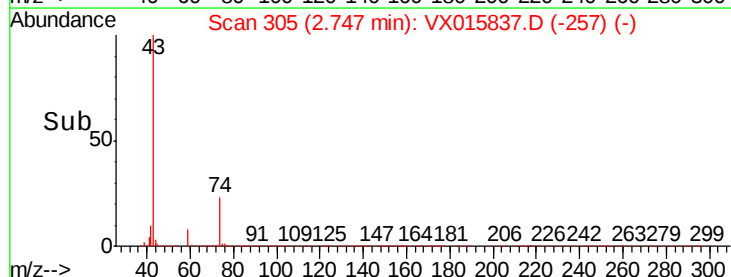
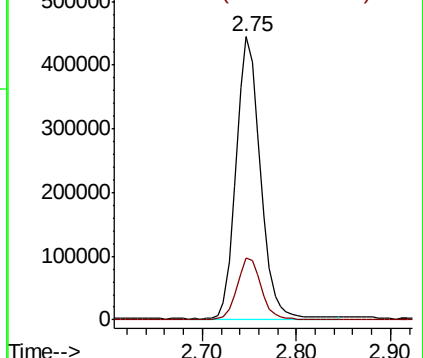
43 100

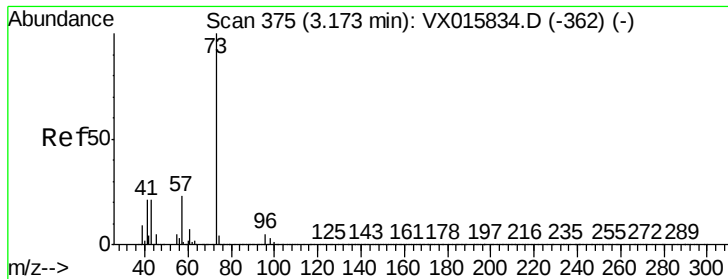
74 22.1 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

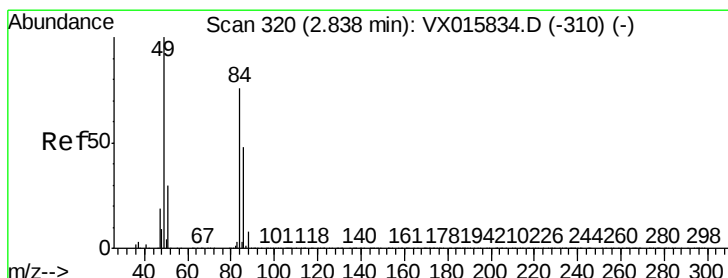
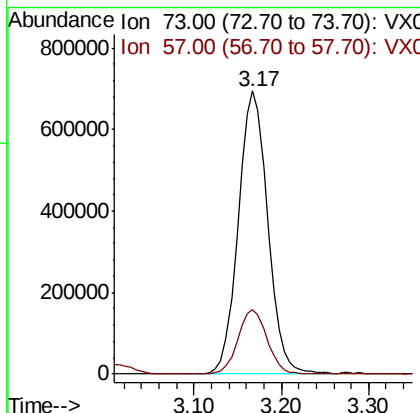
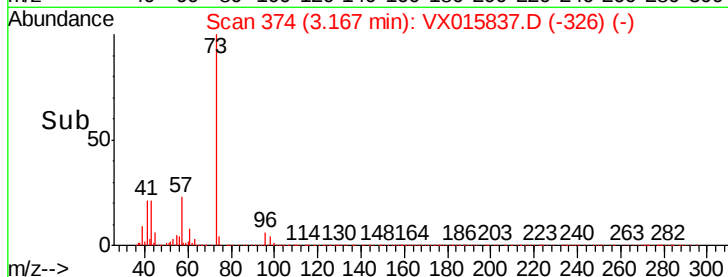
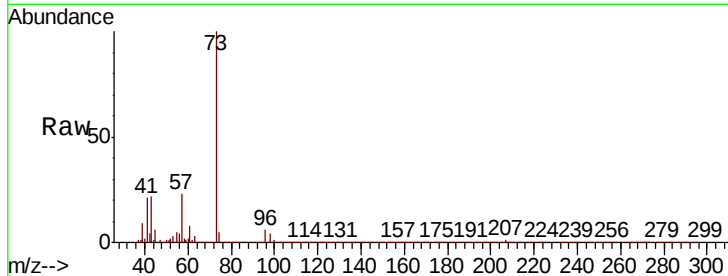




#19
Methvl tert-butvl Ether
Concen: 52.884 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

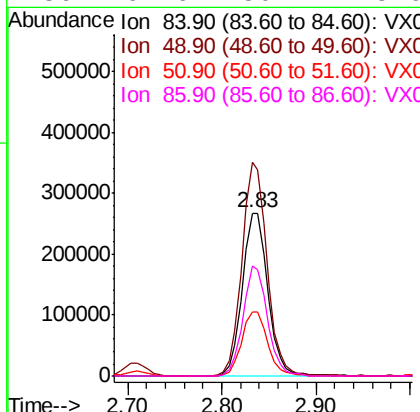
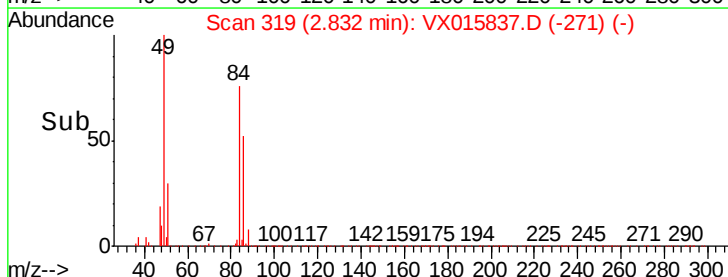
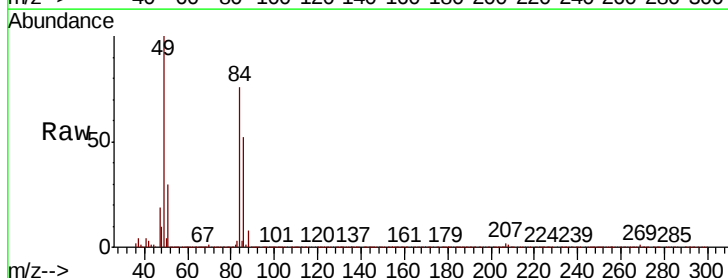
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

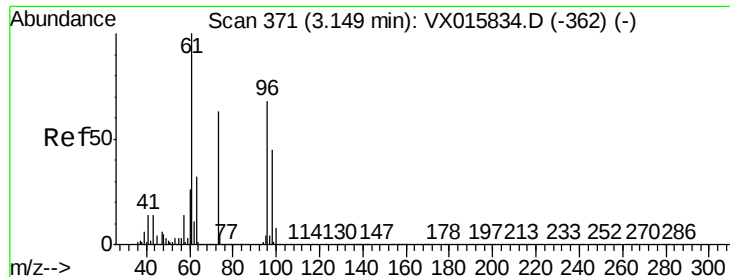
Tot Ion: 73 Resp: 1615007
Ion Ratio Lower Upper
73 100
57 22.8 18.1 27.1



#20
Methylene Chloride
Concen: 50.687 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 84 Resp: 503283
Ion Ratio Lower Upper
84 100
49 131.3 104.9 157.3
51 39.4 32.0 48.0
86 67.6 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.248 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVX042220

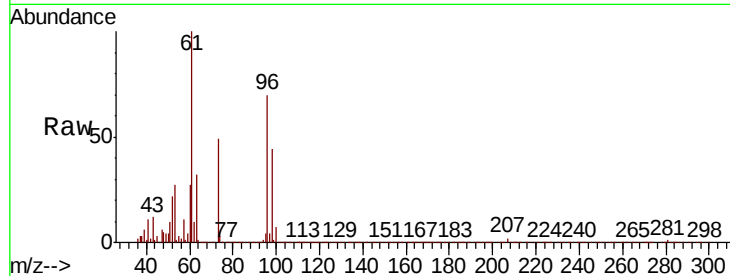
Tot Ion: 96 Resp: 501472

Ion Ratio Lower Upper

96 100

61 143.9 117.5 176.3

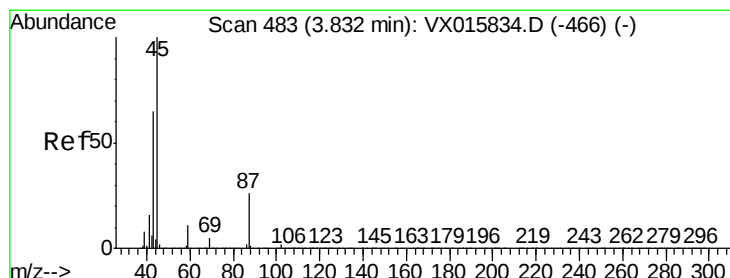
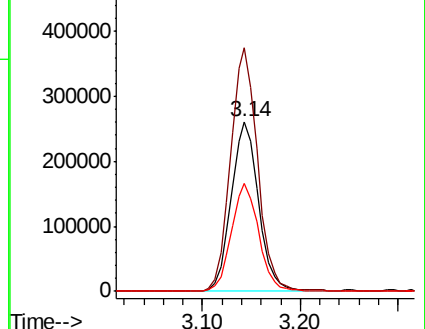
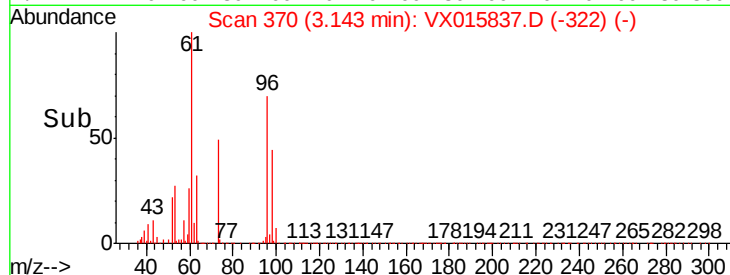
98 63.8 52.7 79.1



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.578 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Tgt Ion: 45 Resp: 1741967

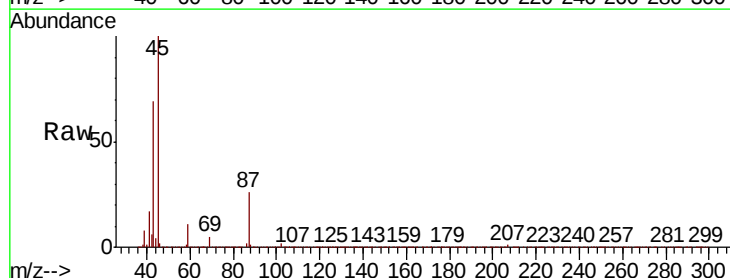
Ion Ratio Lower Upper

45 100

43 68.4 52.4 78.6

87 26.2 20.7 31.1

59 11.4 8.6 12.8

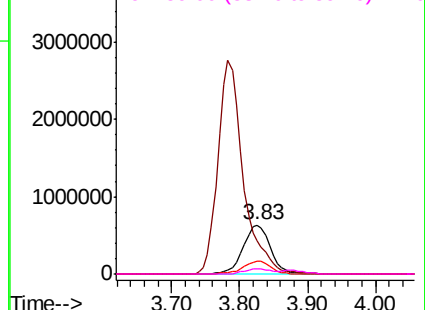
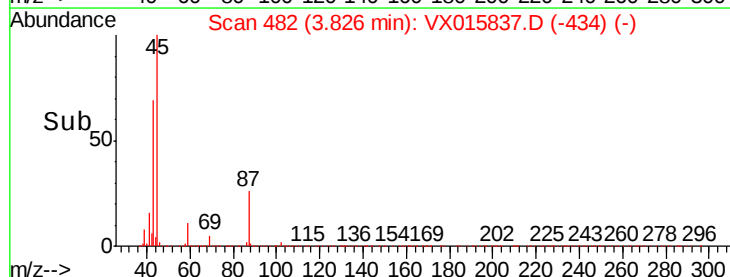


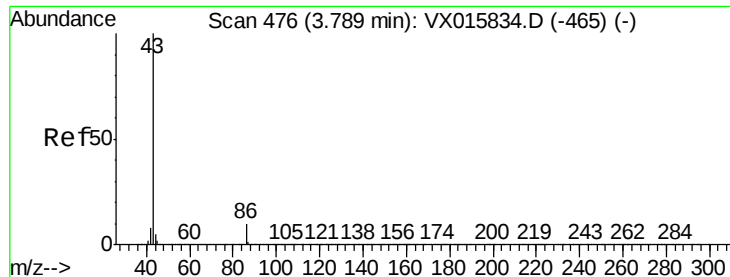
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 261.730 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

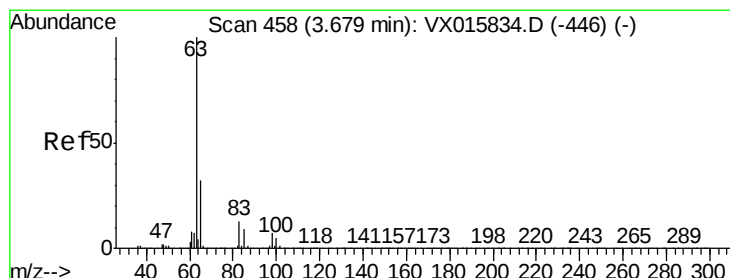
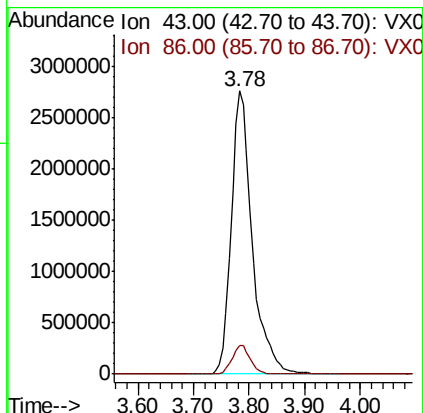
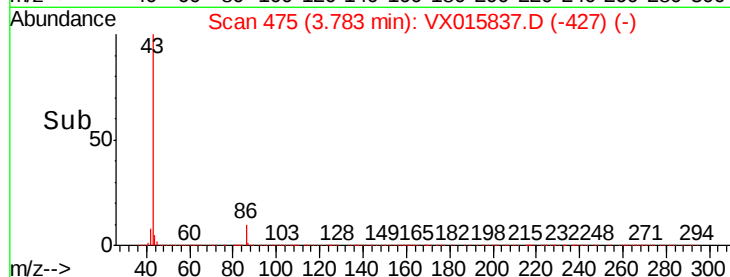
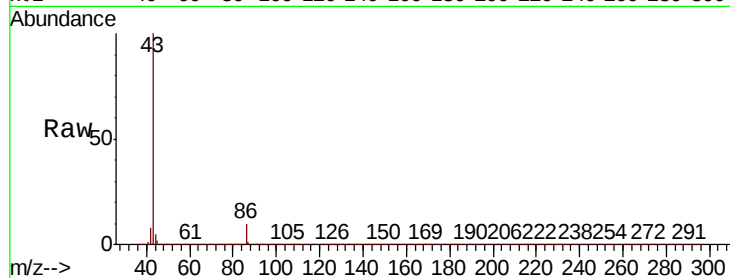
ICVVX042220

Tot Ion: 43 Resp: 7176927

Ion Ratio Lower Upper

43 100

86 10.0 8.0 12.0



#24

1,1-Dichloroethane

Concen: 52.973 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

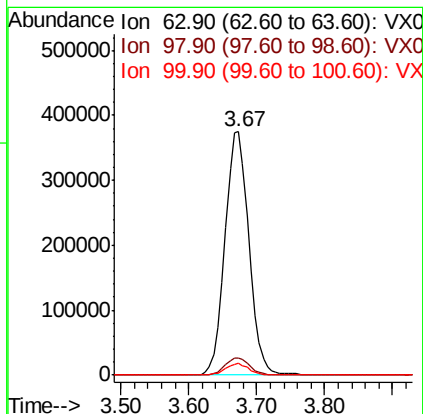
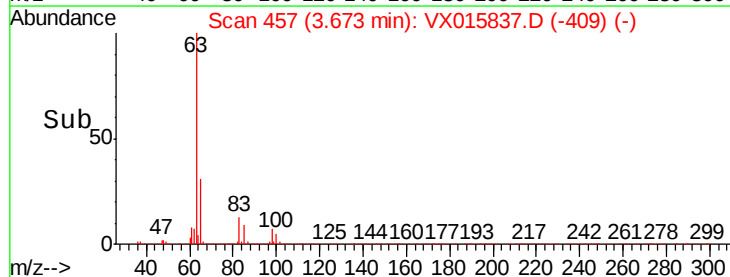
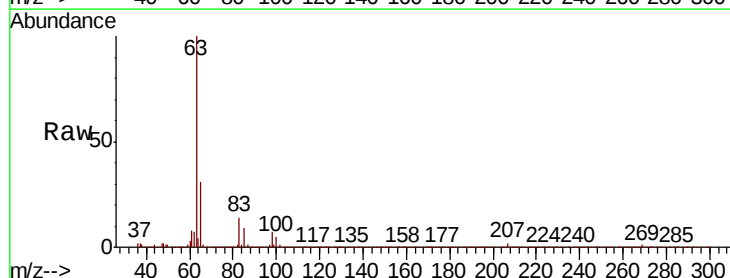
Tgt Ion: 63 Resp: 914763

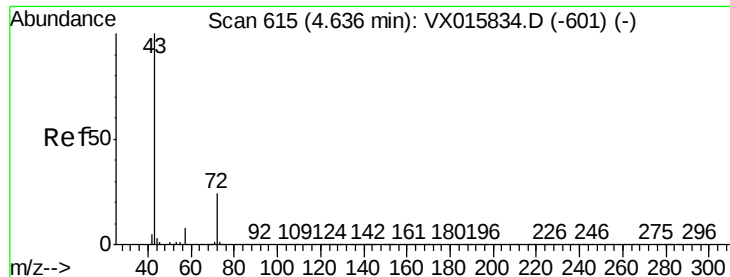
Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 2.3 6.8

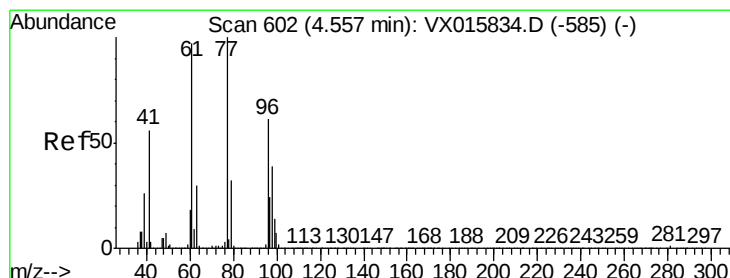
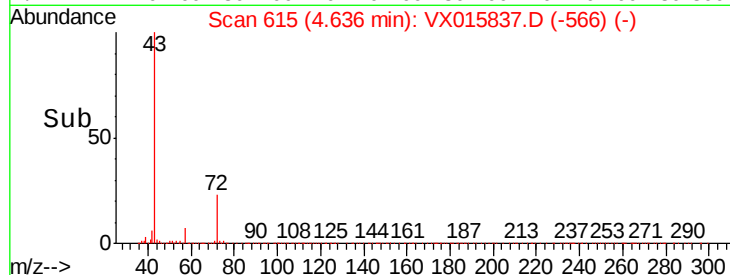
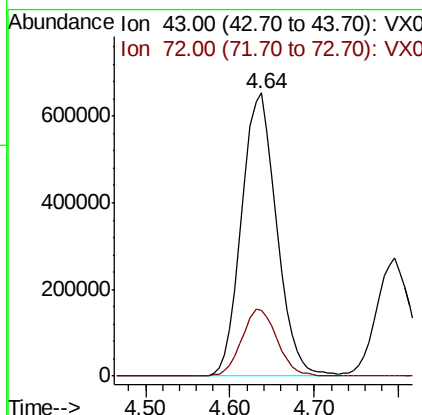
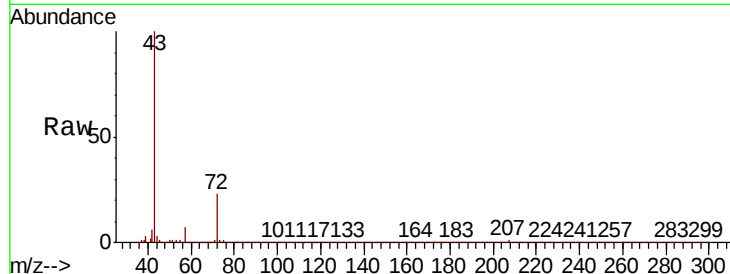




#25
2-Butanone
Concen: 237.371 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

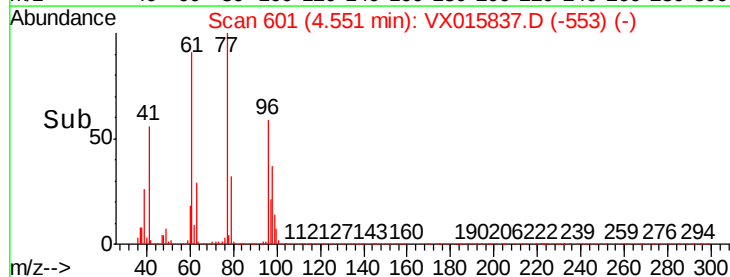
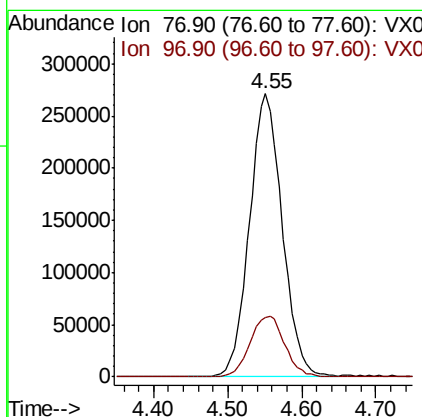
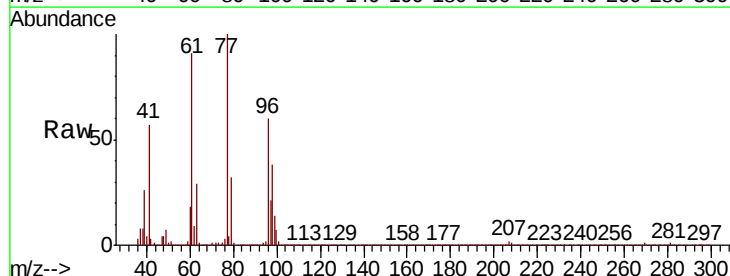
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

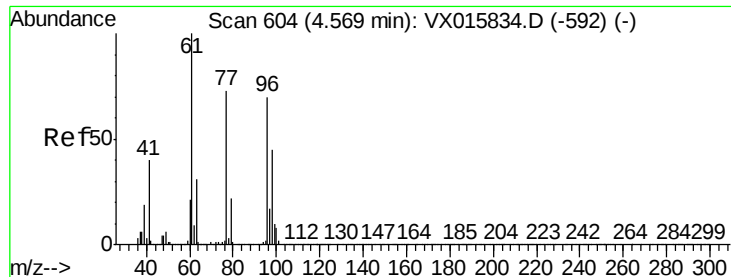
Tot Ion: 43 Resp: 1835061
Ion Ratio Lower Upper
43 100
72 22.9 19.4 29.2



#26
2,2-Dichloropropane
Concen: 54.026 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 77 Resp: 833388
Ion Ratio Lower Upper
77 100
97 22.8 11.4 34.1



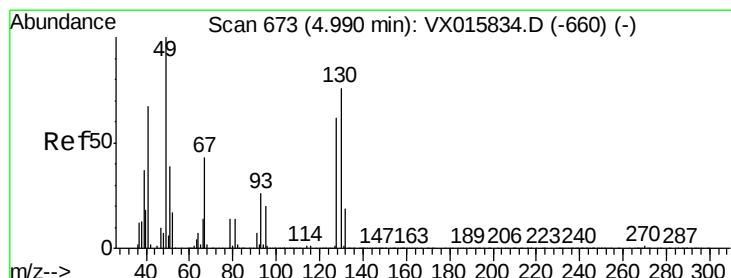
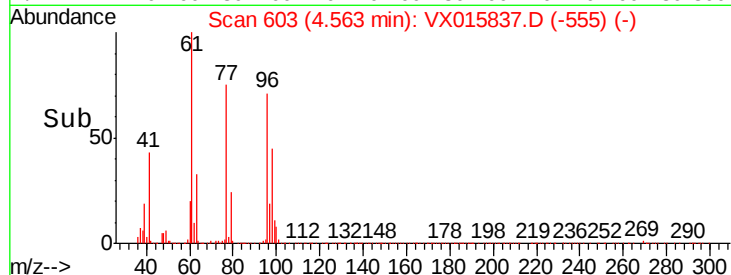
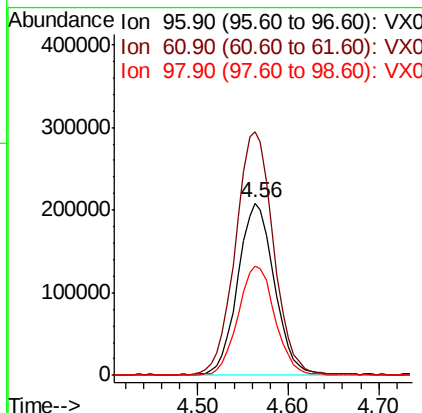
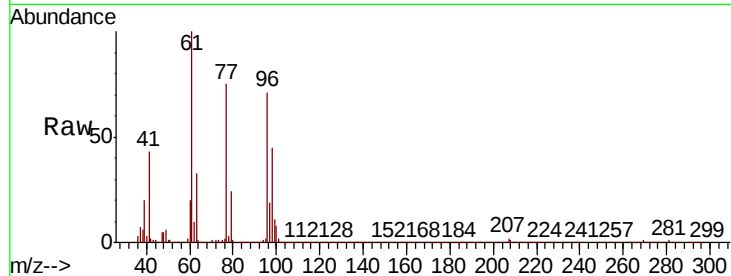


#27

cis-1,2-Dichloroethene
 Concen: 52.995 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042220

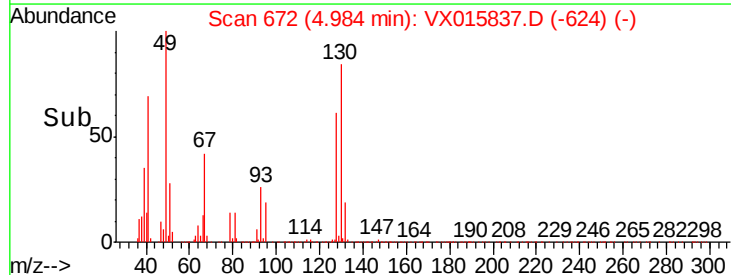
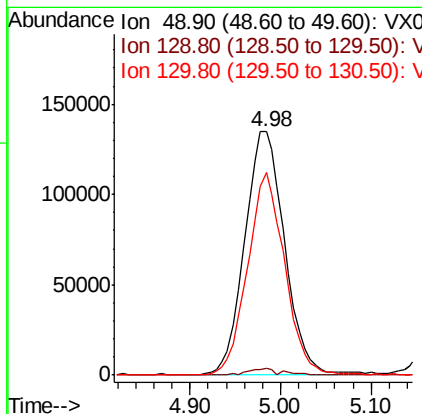
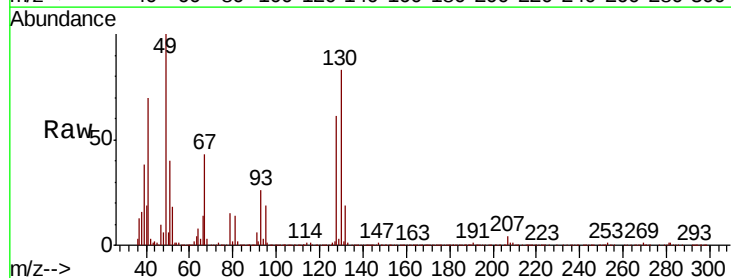
Tot Ion	96	Resp	577453
Ion	Ratio	Lower	Upper
96	100		
61	147.8	0.0	299.4
98	64.5	0.0	129.6

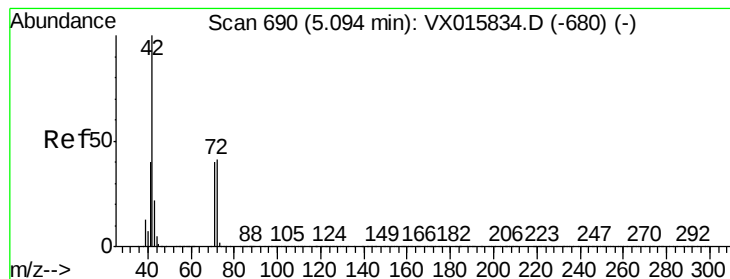


#28

Bromochloromethane
 Concen: 45.208 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Tgt Ion	49	Resp	409637
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	1.8
130	77.8	62.4	93.6





#29

Tetrahydrofuran

Concen: 246.201 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

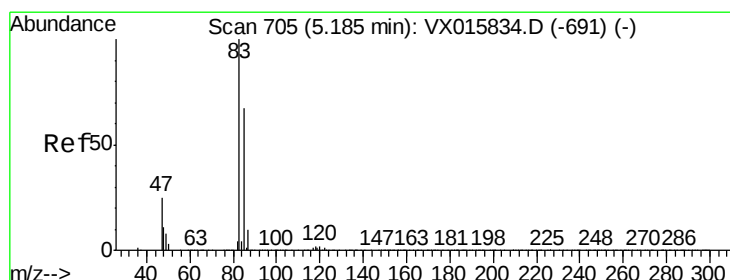
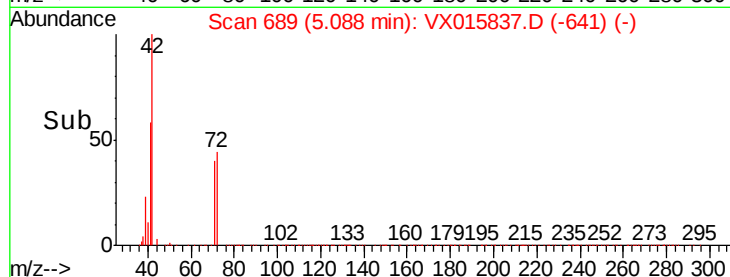
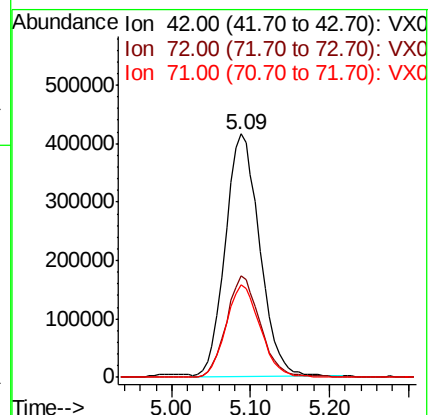
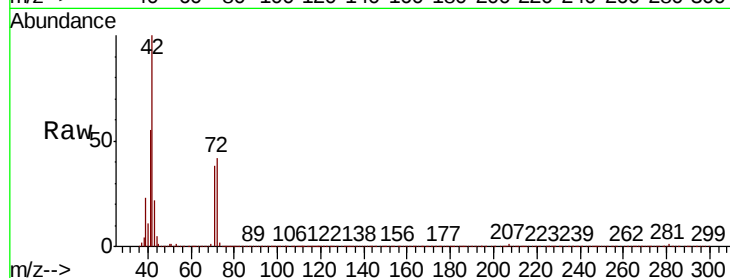
Tot Ion: 42 Resp: 1258921

Ion Ratio Lower Upper

42 100

72 41.0 33.0 49.6

71 37.8 30.6 45.8



#30

Chloroform

Concen: 51.437 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015837.D

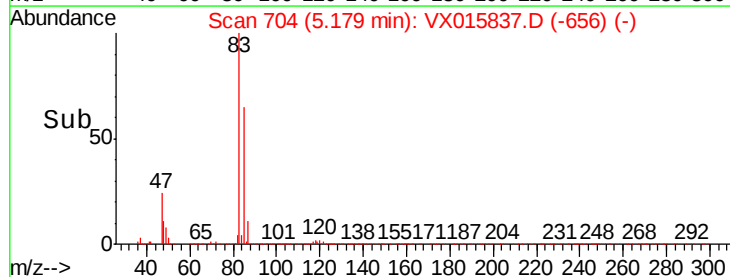
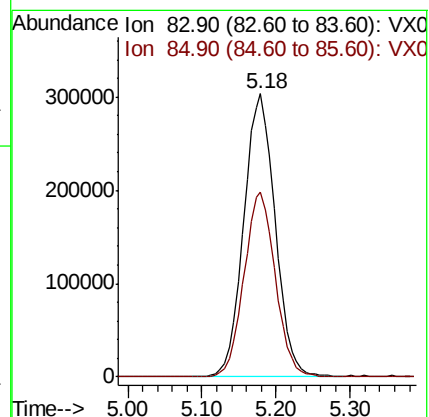
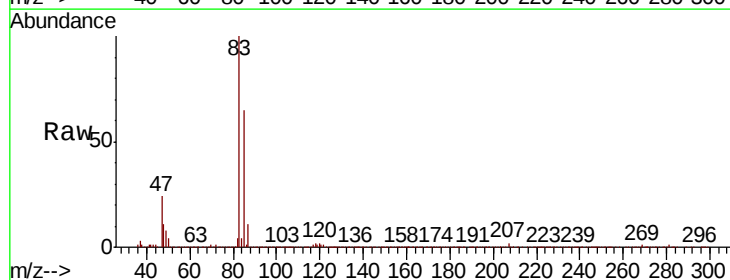
Acq: 22 Apr 2020 13:11

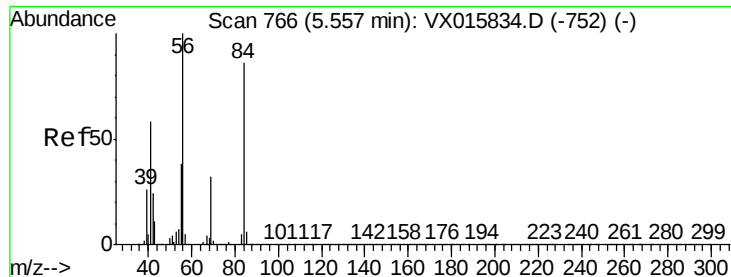
Tgt Ion: 83 Resp: 893686

Ion Ratio Lower Upper

83 100

85 65.1 53.4 80.0

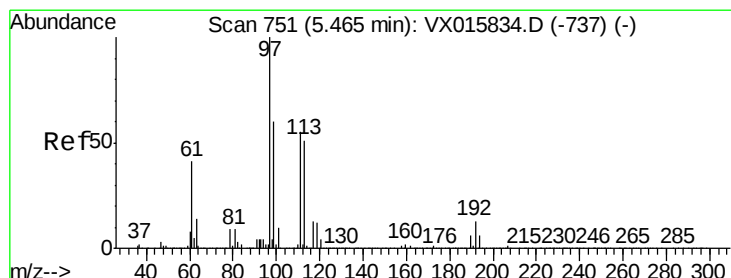
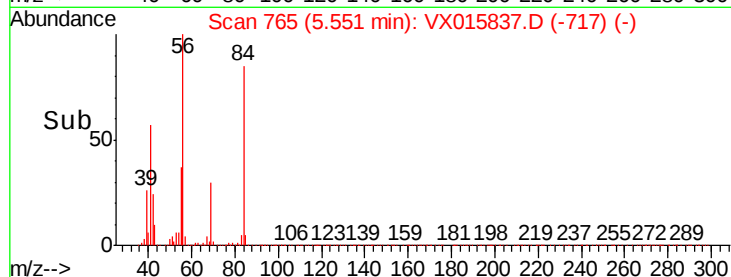
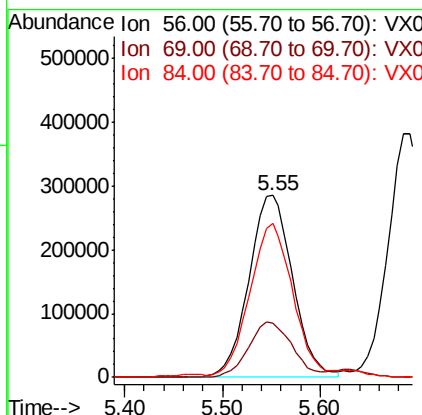
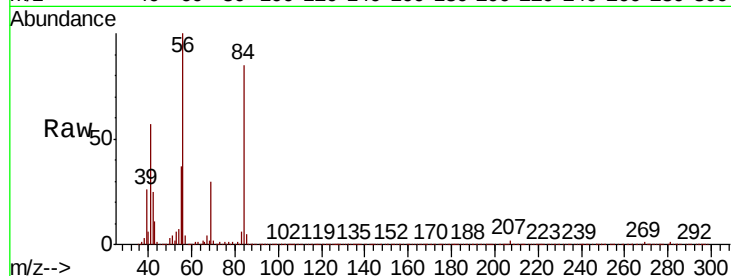




#31
Cyclohexane
Concen: 53.726 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

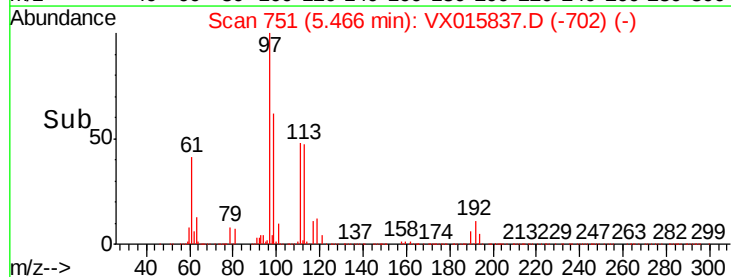
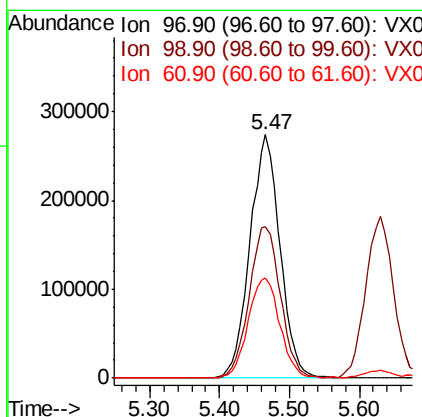
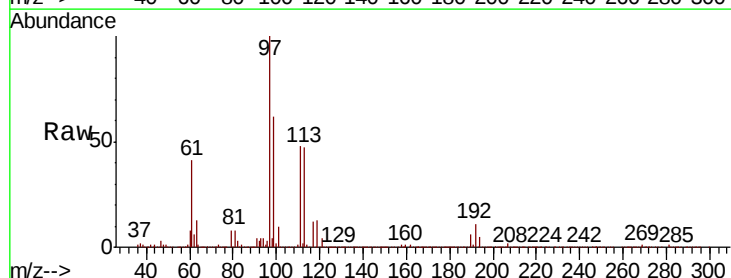
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

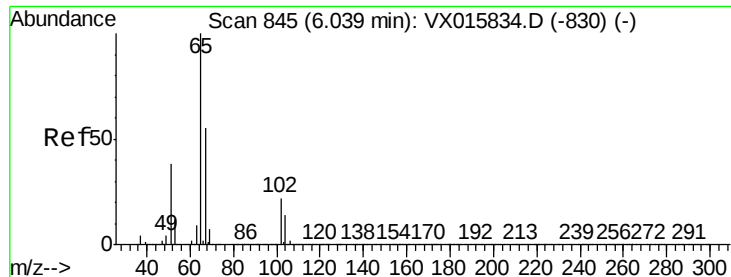
Tot Ion: 56 Resp: 881717
Ion Ratio Lower Upper
56 100
69 30.0 25.3 37.9
84 83.6 69.1 103.7



#32
1,1,1-Trichloroethane
Concen: 52.629 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 97 Resp: 815284
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 43.3 34.1 51.1





#33

1,2-Dichloroethane-d4

Concen: 42.393 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

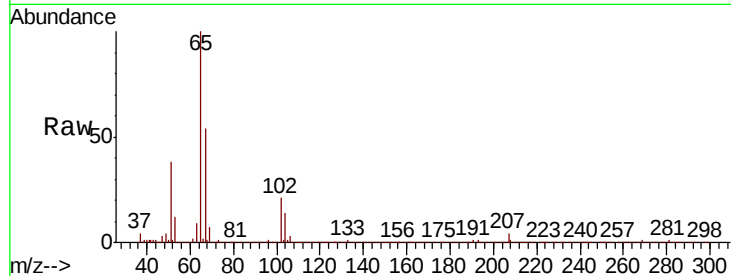
ICVVX042220

Tot Ion: 65 Resp: 476190

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

150000

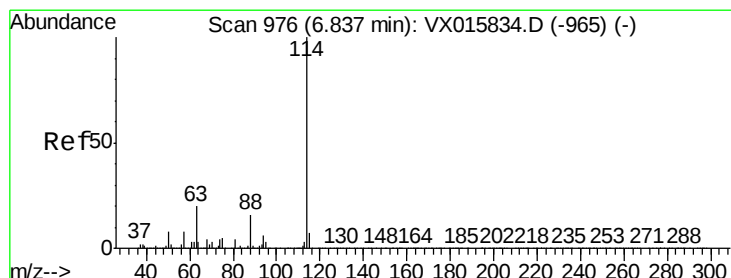
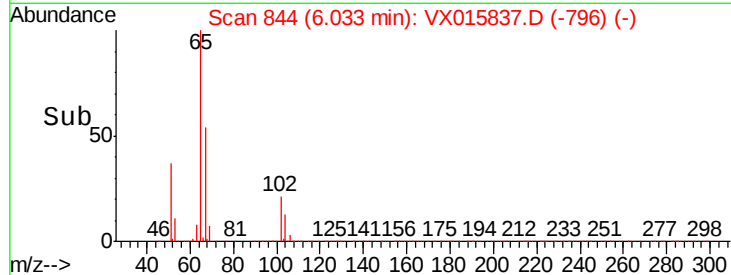
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

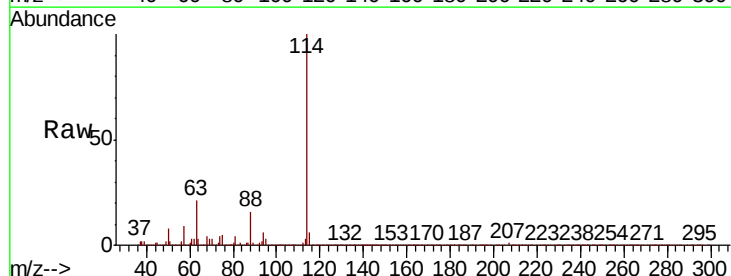
Tgt Ion: 114 Resp: 1426833

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

88 15.6 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

800000

600000

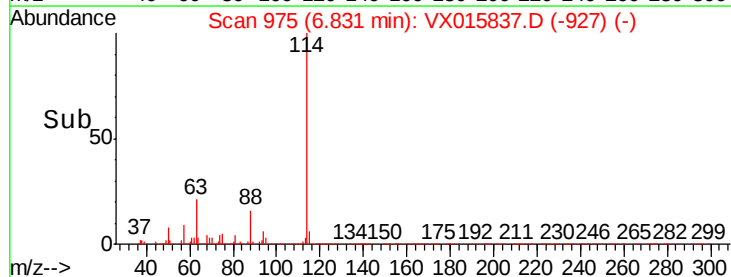
400000

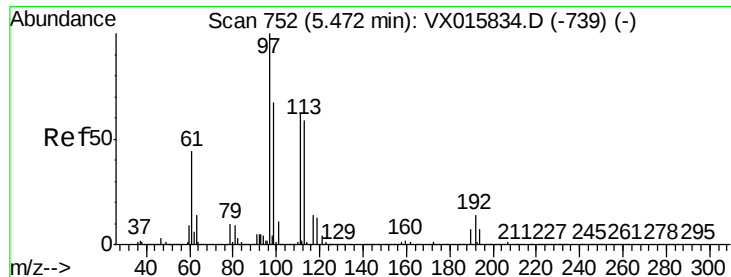
200000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 45.213 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

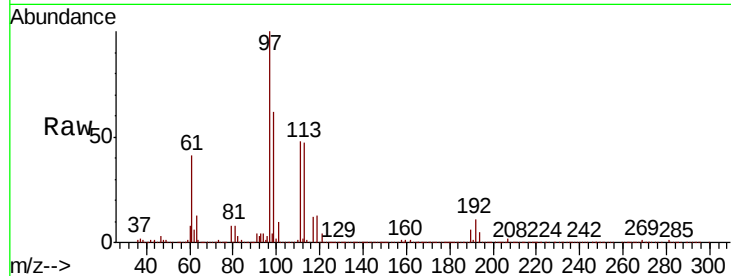
Tot Ion:113 Resp: 372378

Ion Ratio Lower Upper

113 100

111 100.6 82.7 124.1

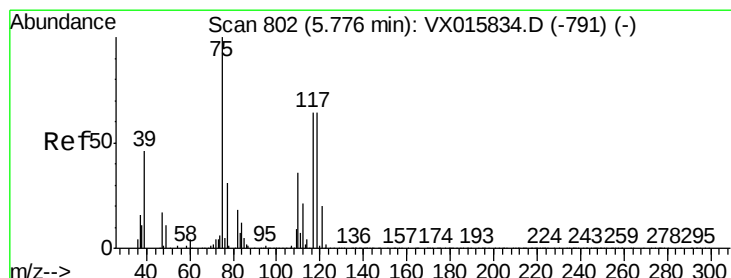
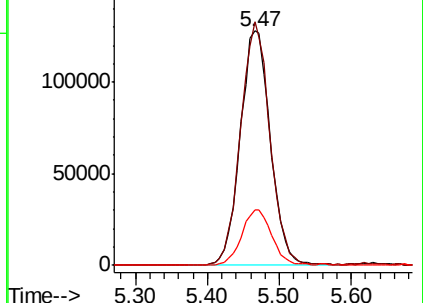
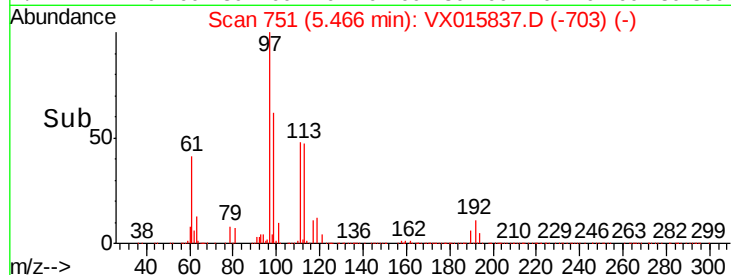
192 23.1 19.3 28.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.025 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

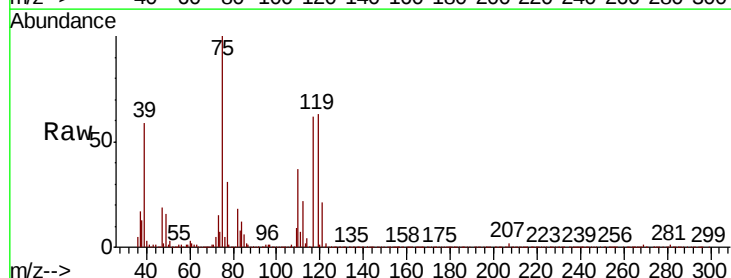
Tgt Ion: 75 Resp: 708673

Ion Ratio Lower Upper

75 100

110 36.4 17.9 53.8

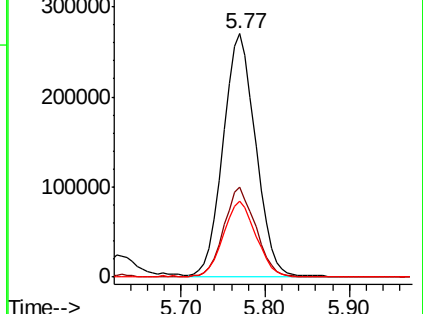
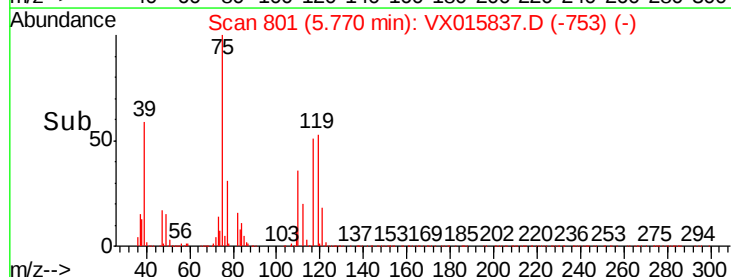
77 31.2 24.5 36.7

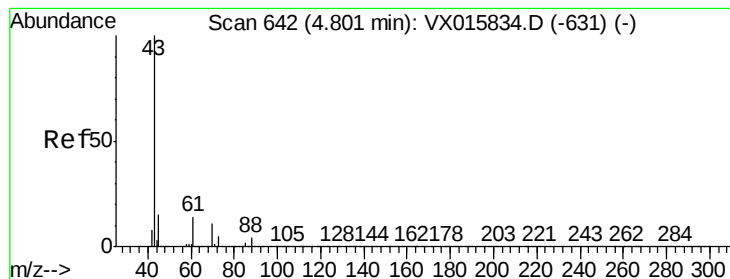


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 51.897 ug/l

RT: 4.80 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

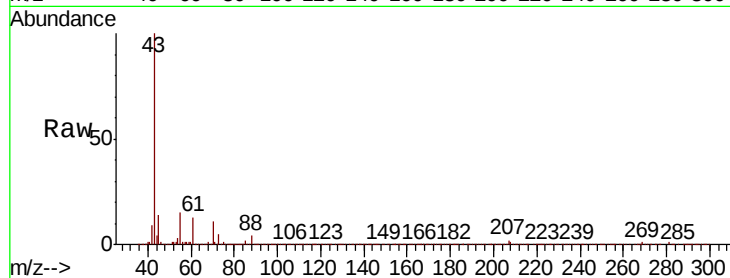
Tot Ion: 43 Resp: 781270

Ion Ratio Lower Upper

43 100

61 12.9 10.8 16.2

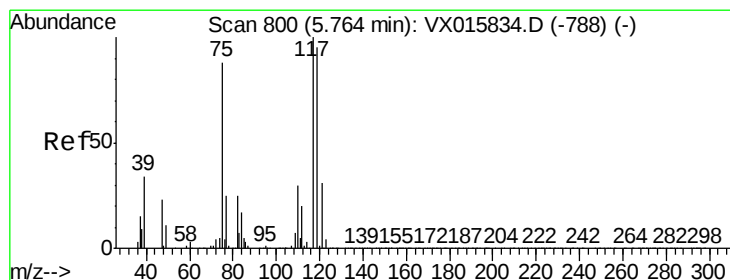
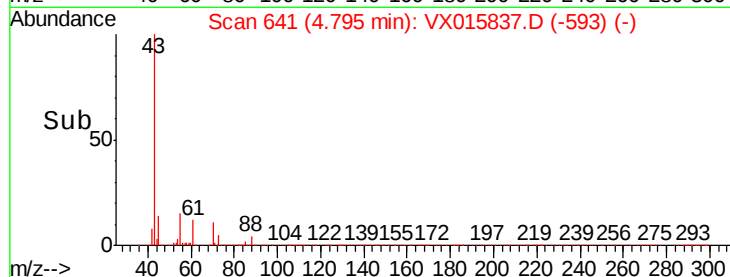
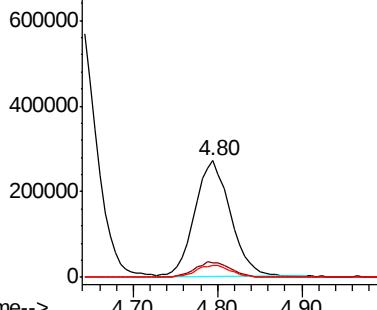
70 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 56.093 ug/l

RT: 5.76 min Scan# 799

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

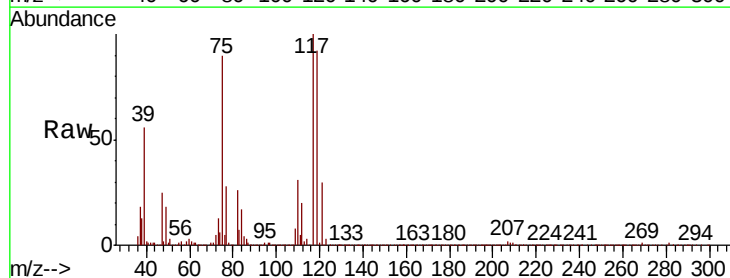
Tgt Ion: 117 Resp: 698892

Ion Ratio Lower Upper

117 100

119 91.7 75.7 113.5

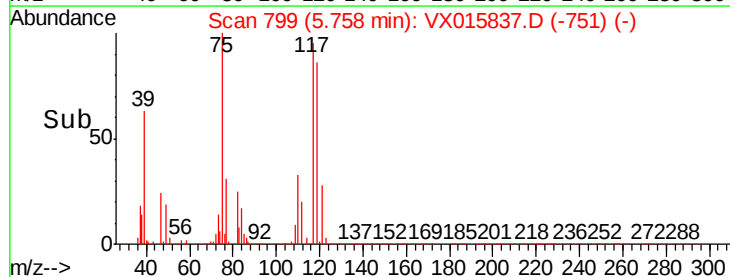
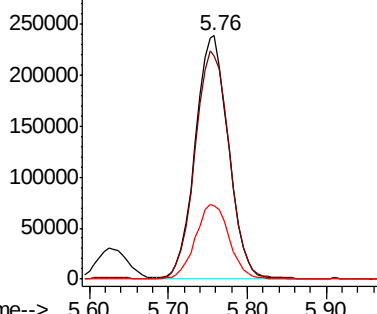
121 30.1 25.0 37.6

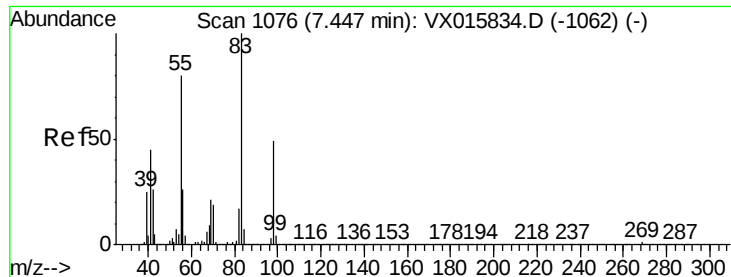


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

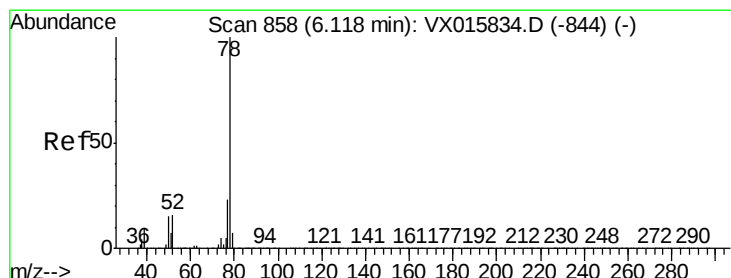
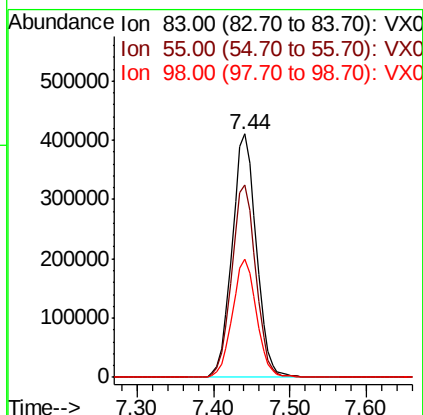
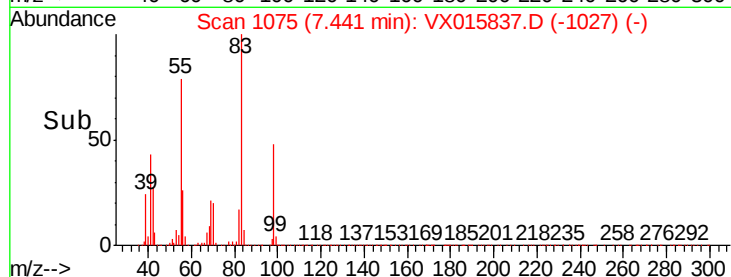
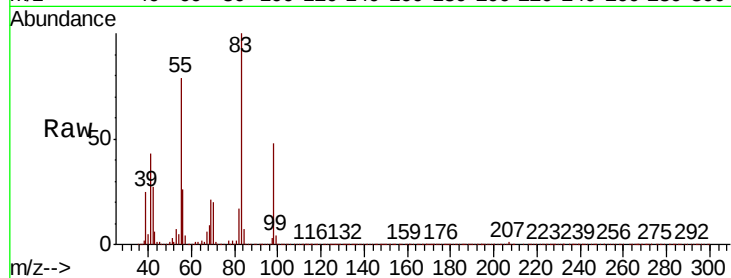




#39
Methvlcvclohexane
Concen: 56.148 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

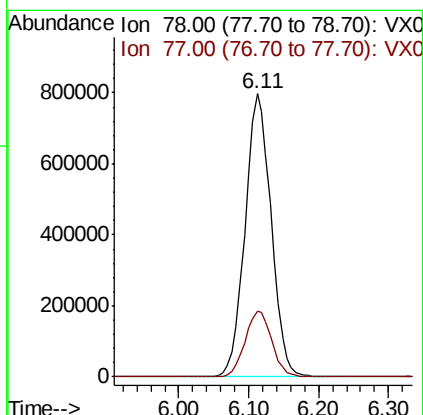
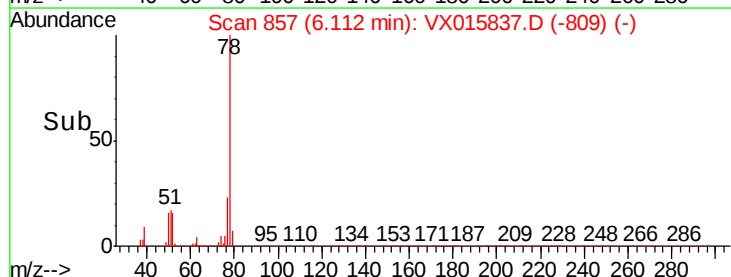
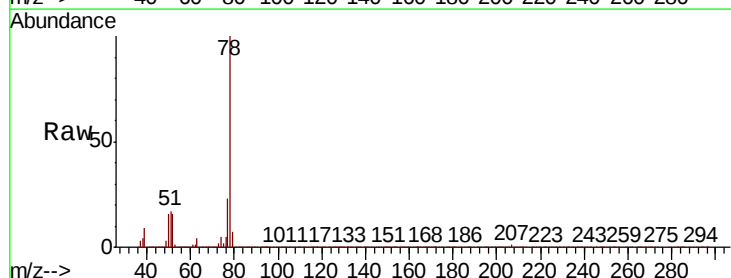
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

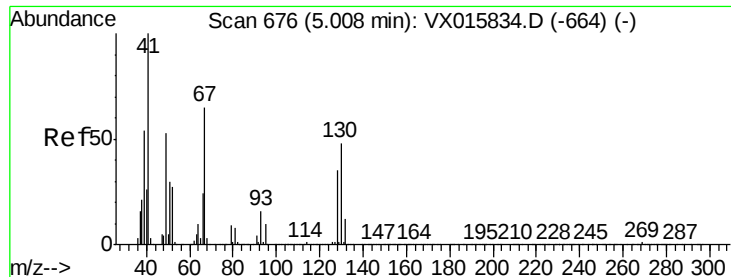
Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	64.2	96.4
98	48.4	39.3	58.9



#40
Benzene
Concen: 54.094 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8

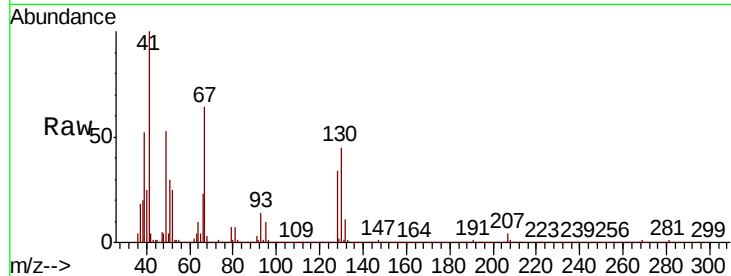




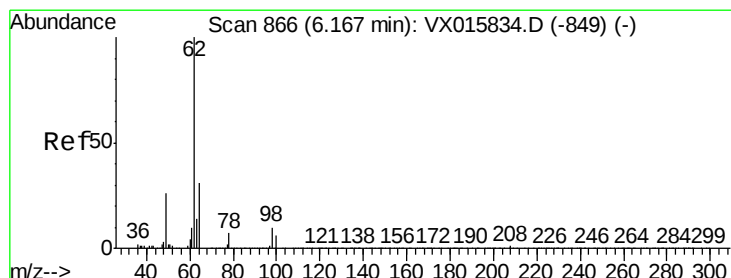
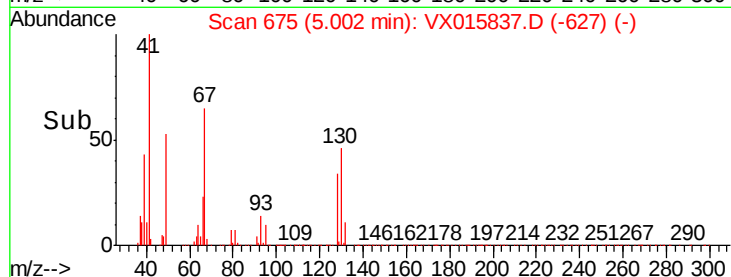
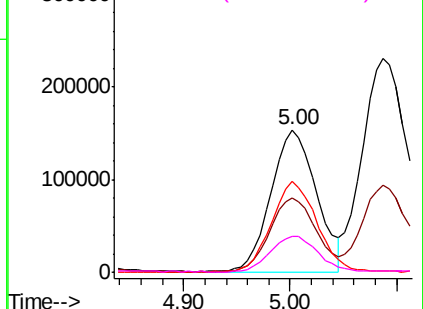
#41
Methacrylonitrile
Concen: 54.134 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

Tot Ion:	41	Resp:	452840
Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	64.2	51.9	77.9
52	26.0	21.0	31.4

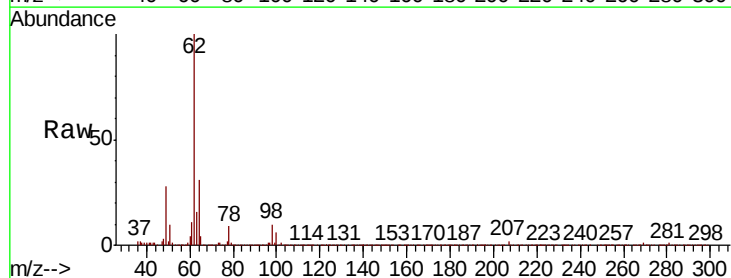


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

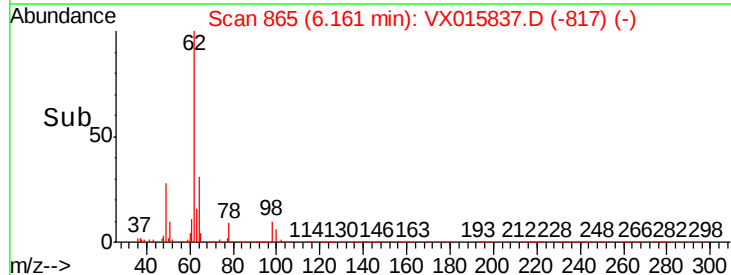
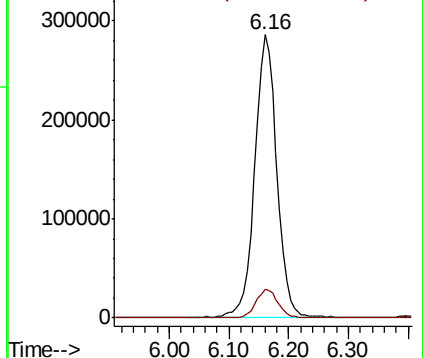


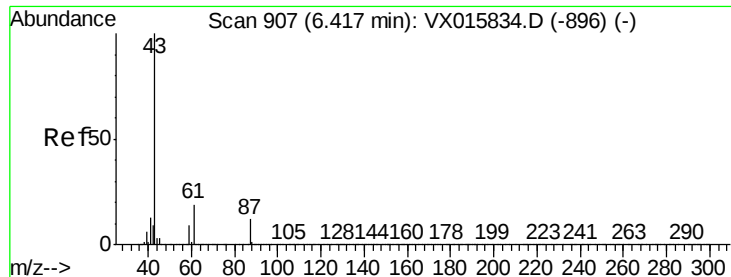
#42
1,2-Dichloroethane
Concen: 53.646 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:	62	Resp:	735950
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.0



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



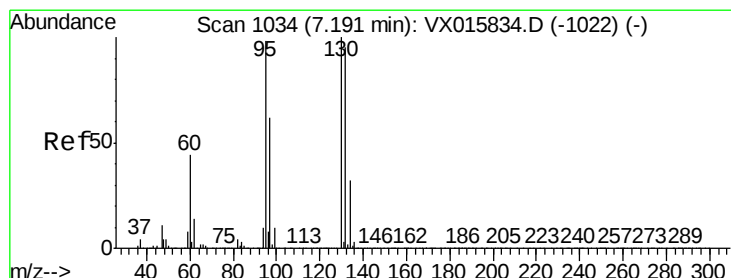
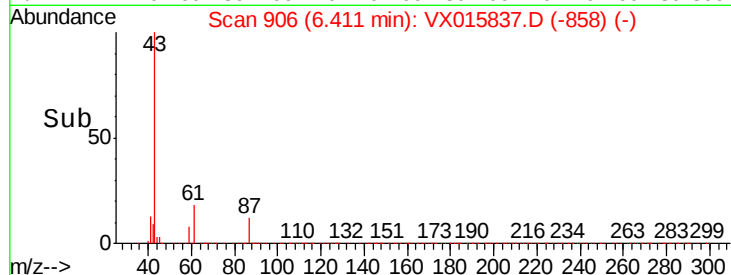
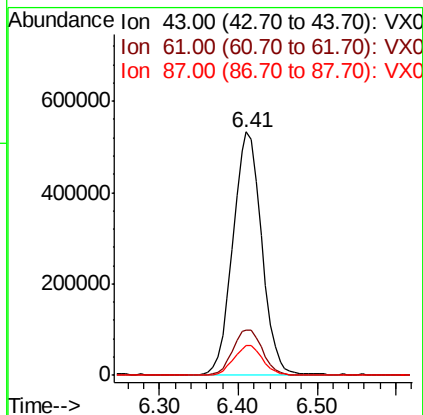
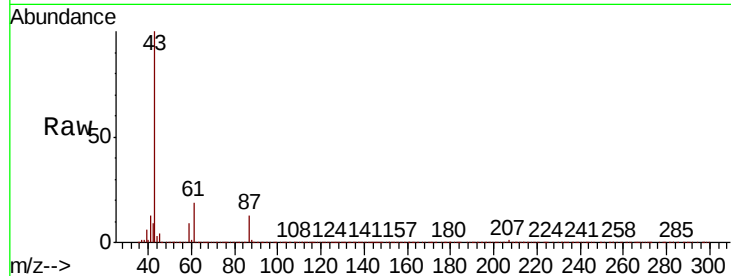


#43

Isopropyl Acetate
 Concen: 52.948 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042220

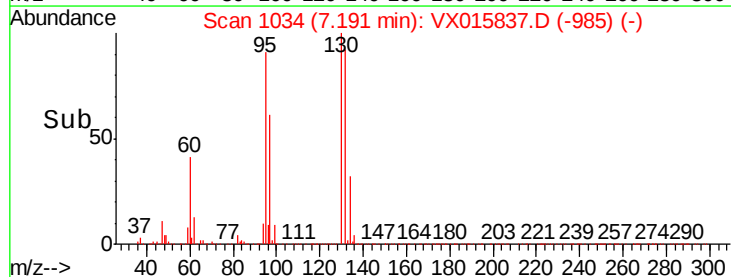
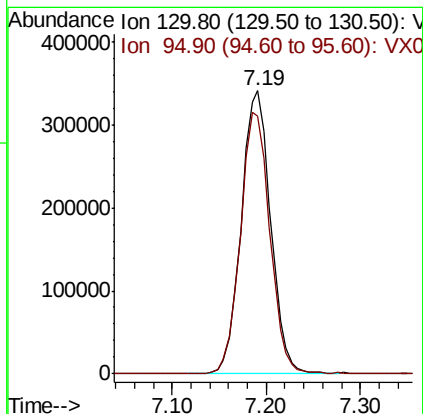
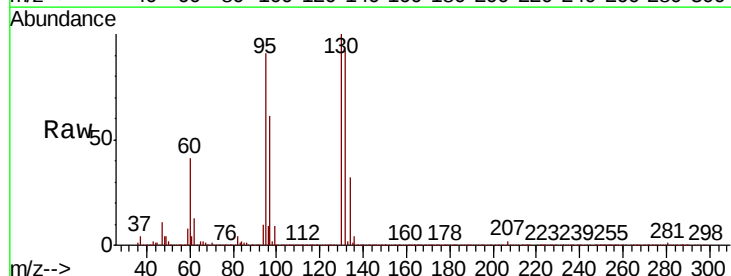
Tot Ion: 43 Resp: 1344549
 Ion Ratio Lower Upper
 43 100
 61 19.4 15.4 23.2
 87 12.5 9.8 14.6

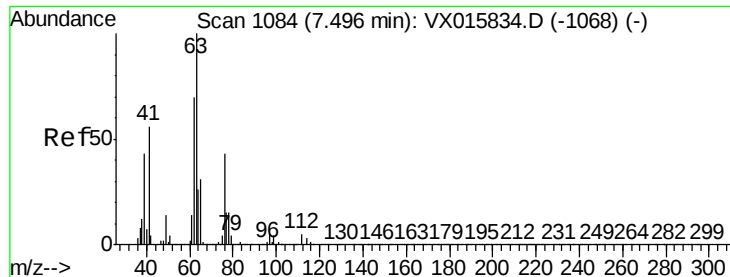


#44

Trichloroethene
 Concen: 55.031 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Tgt Ion: 130 Resp: 736792
 Ion Ratio Lower Upper
 130 100
 95 91.0 0.0 195.8





#45

1,2-Dichloropropane

Concen: 54.484 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

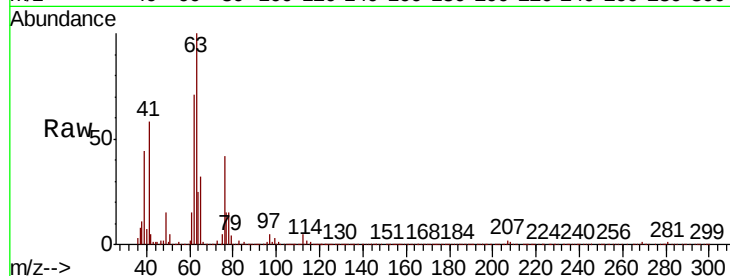
ICVVX042220

Tot Ion: 63 Resp: 543965

Ion Ratio Lower Upper

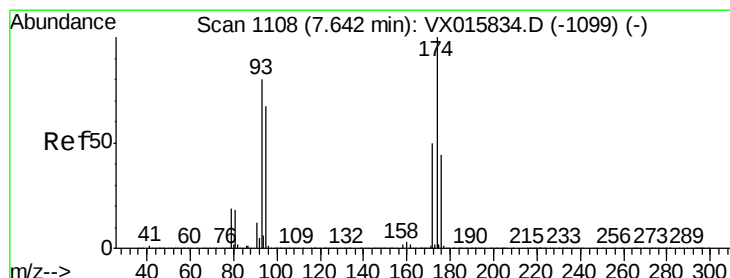
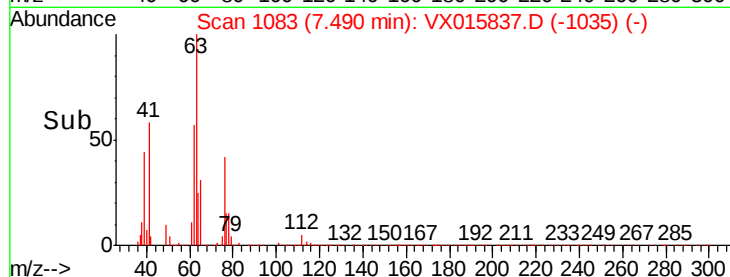
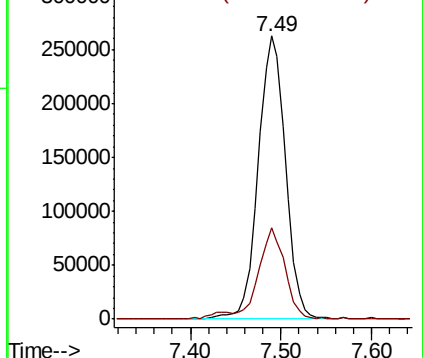
63 100

65 32.1 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.218 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

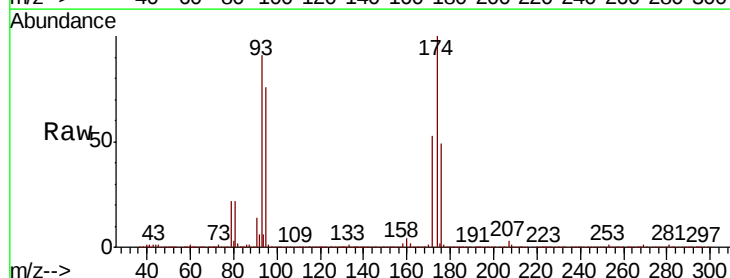
Tgt Ion: 93 Resp: 373285

Ion Ratio Lower Upper

93 100

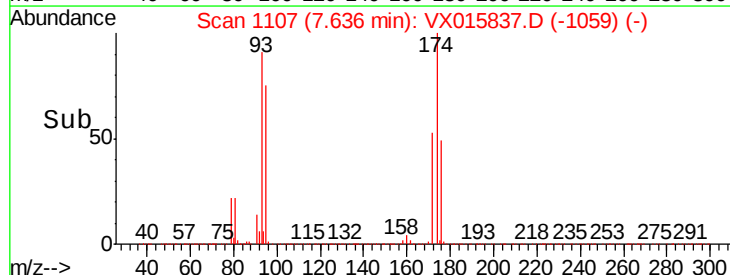
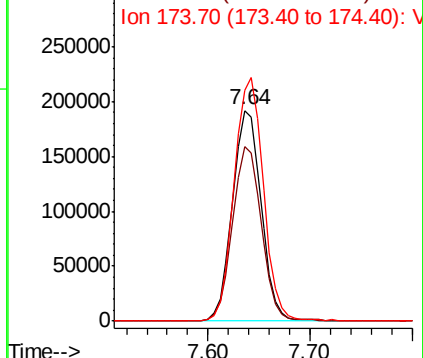
95 83.3 65.8 98.8

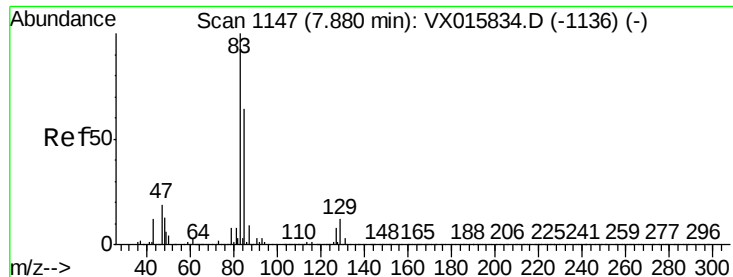
174 118.2 95.6 143.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0





#47

Bromodichloromethane

Concen: 54.826 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

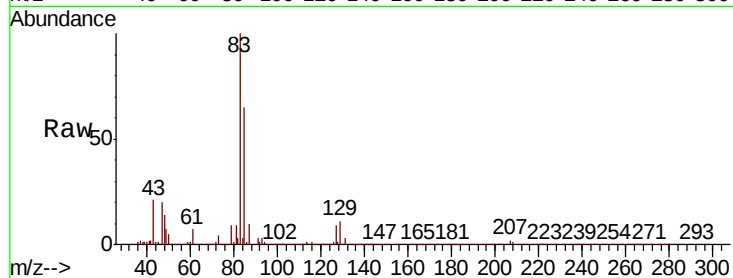
Tot Ion: 83 Resp: 710858

Ion Ratio Lower Upper

83 100

85 64.6 50.8 76.2

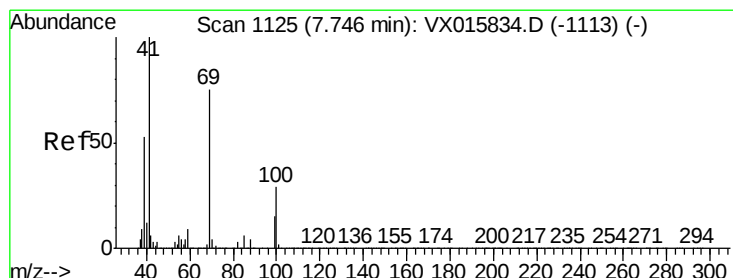
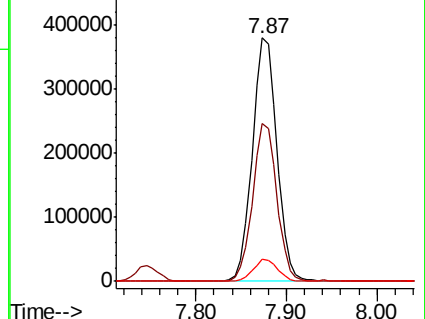
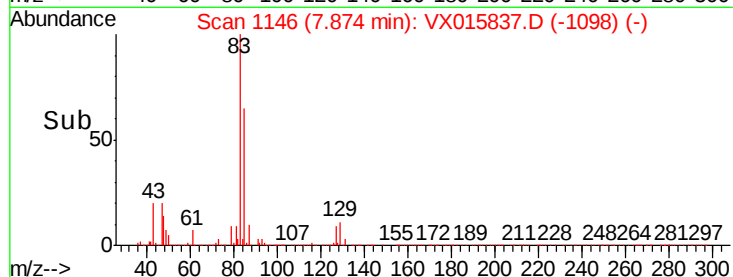
127 8.9 6.6 10.0



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: 53.746 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

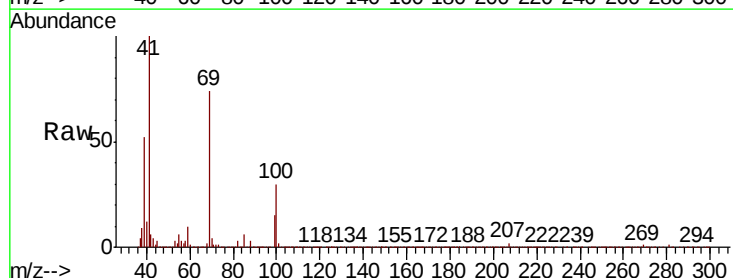
Tgt Ion: 41 Resp: 671348

Ion Ratio Lower Upper

41 100

69 75.1 60.5 90.7

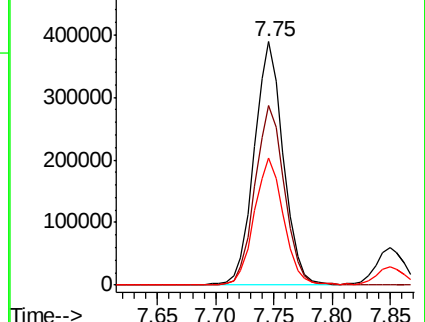
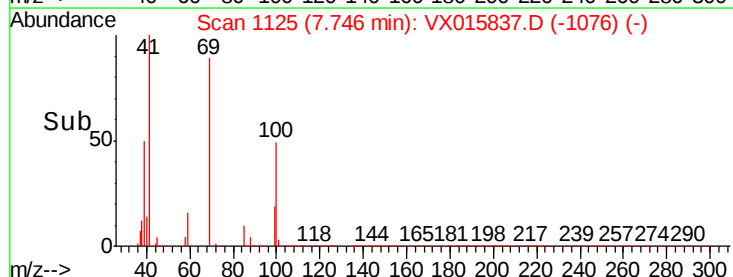
39 52.7 42.1 63.1

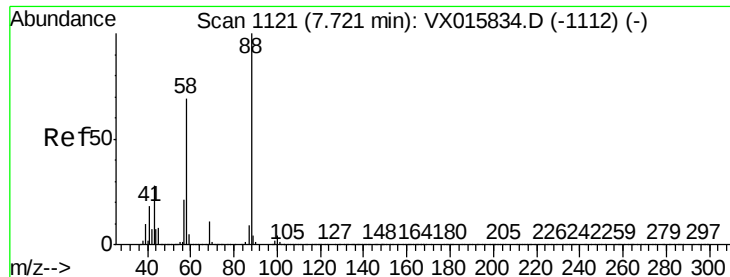


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 941.770 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

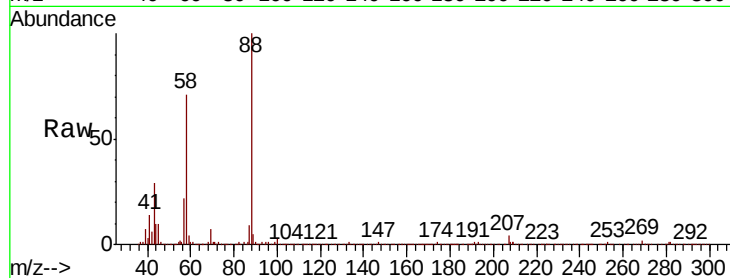
Tot Ion: 88 Resp: 222323

Ion Ratio Lower Upper

88 100

43 35.5 28.2 42.4

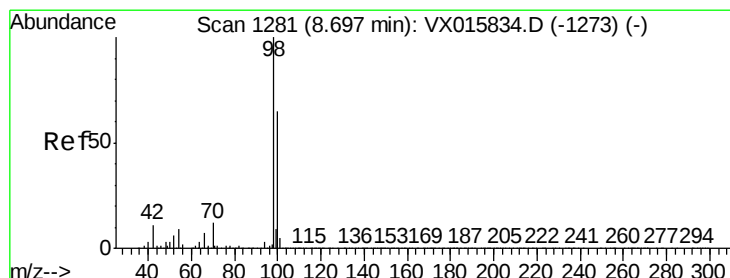
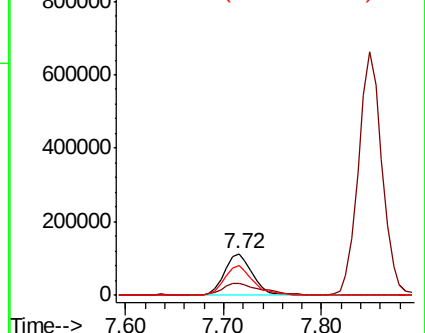
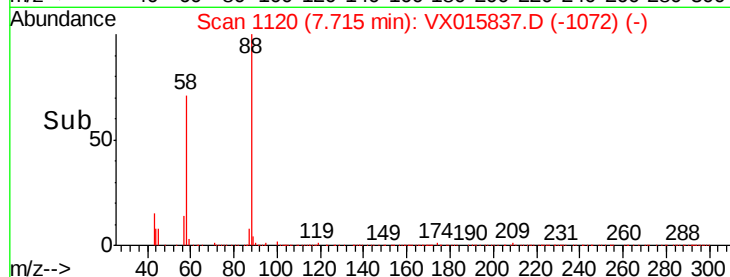
58 73.8 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 44.214 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015837.D

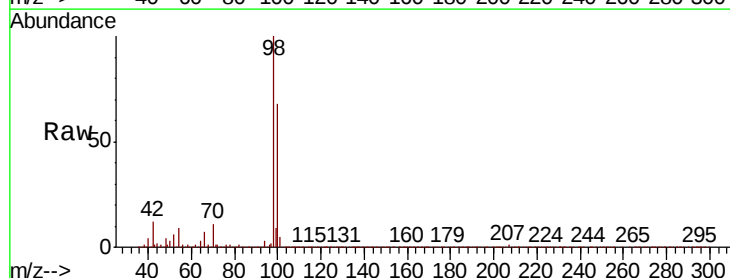
Acq: 22 Apr 2020 13:11

Tgt Ion: 98 Resp: 1465933

Ion Ratio Lower Upper

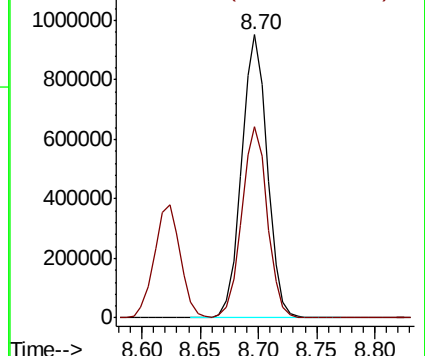
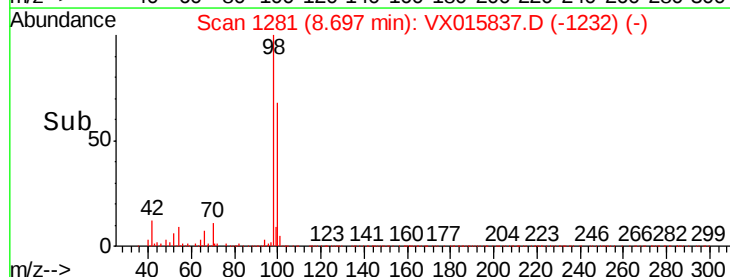
98 100

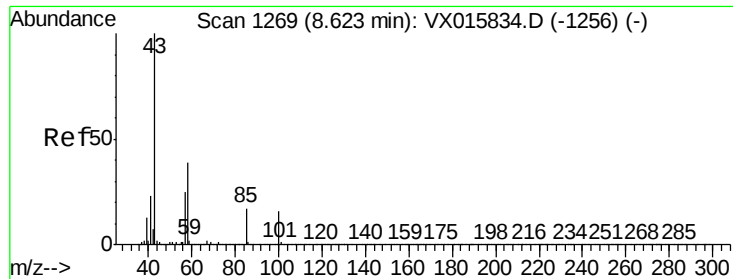
100 67.2 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

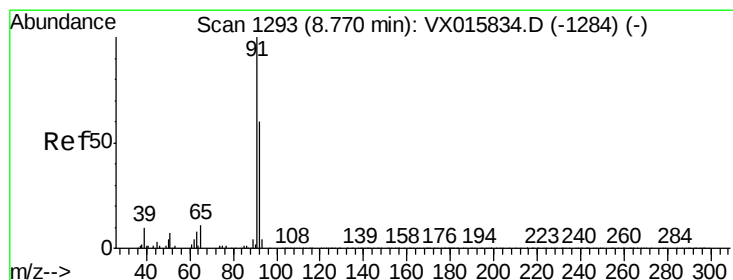
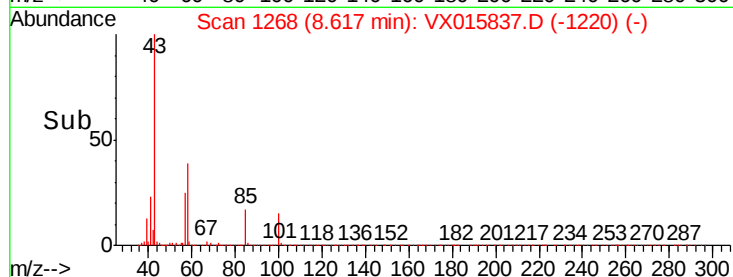
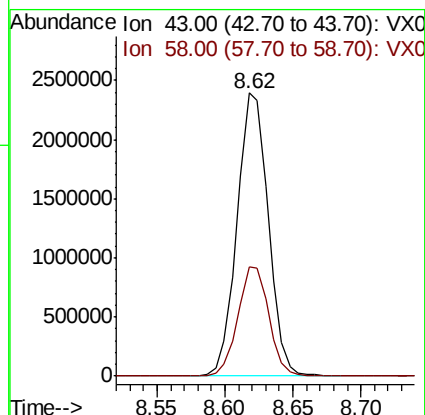
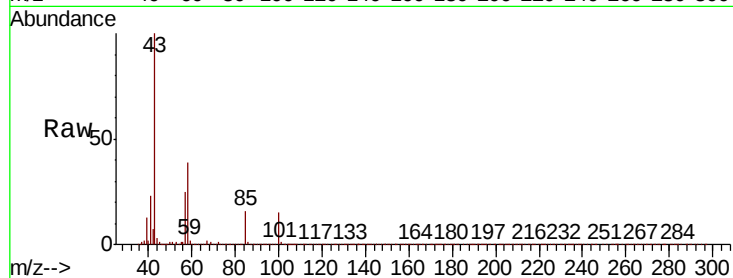




#51
4-Methyl-2-Pentanone
Concen: 260.617 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

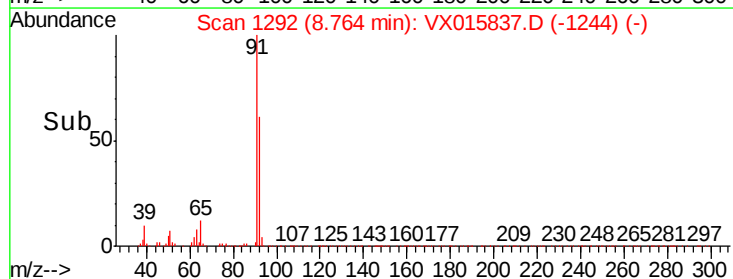
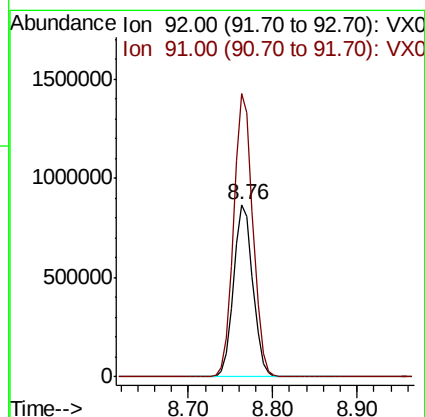
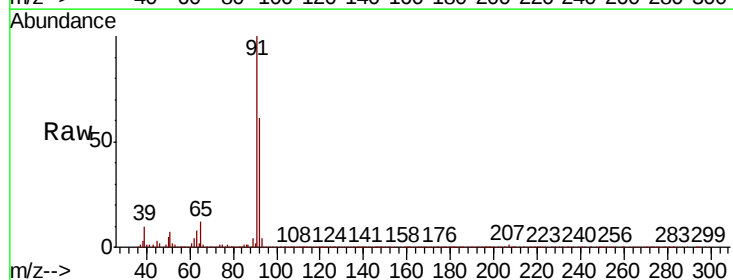
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

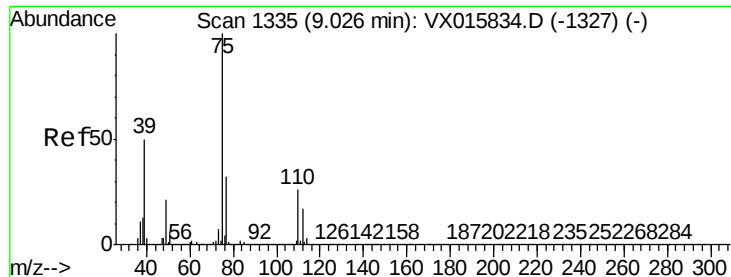
Tot Ion: 43 Resp: 3820009
Ion Ratio Lower Upper
43 100
58 38.3 30.6 45.8



#52
Toluene
Concen: 55.132 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 92 Resp: 1346302
Ion Ratio Lower Upper
92 100
91 164.1 133.4 200.0

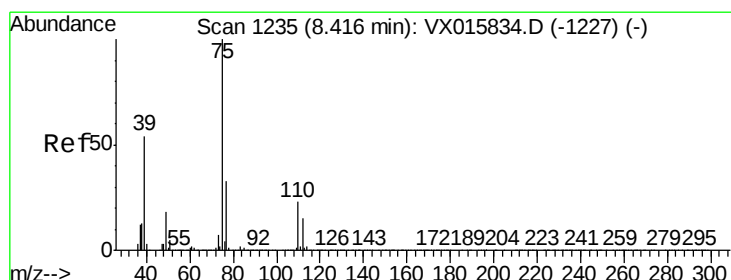
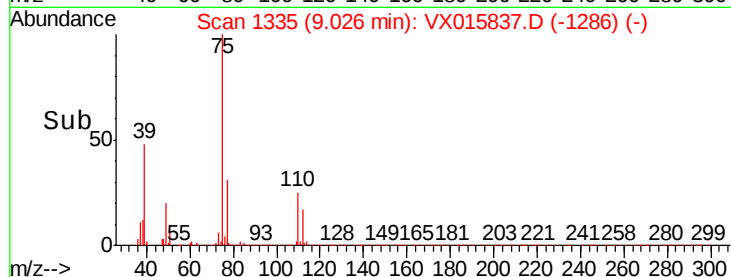
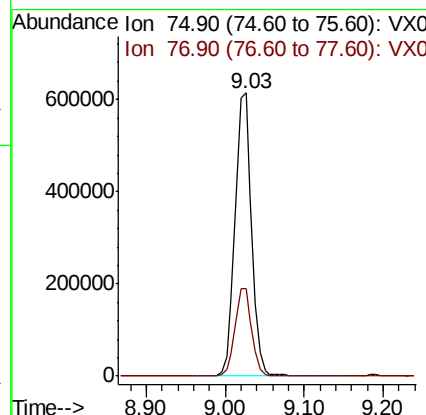
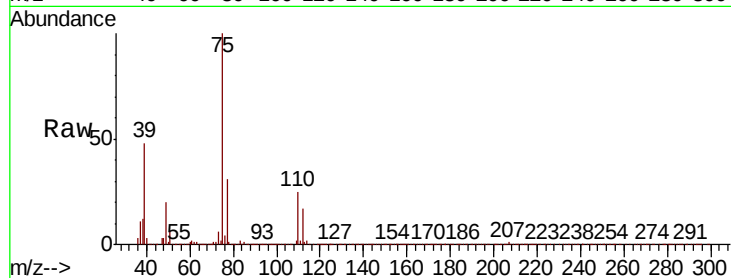




#53
t-1,3-Dichloropropene
Concen: 55.638 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

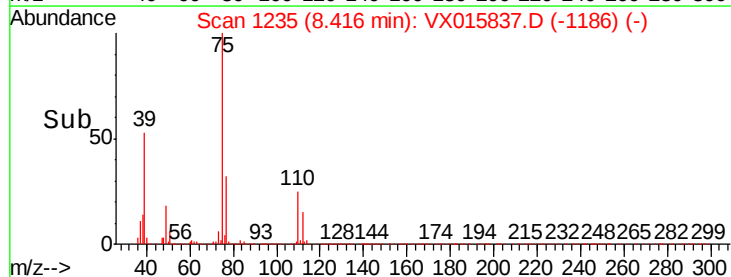
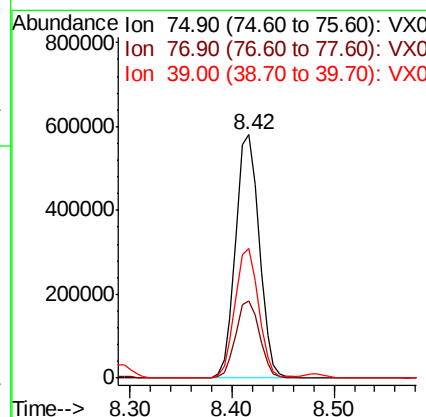
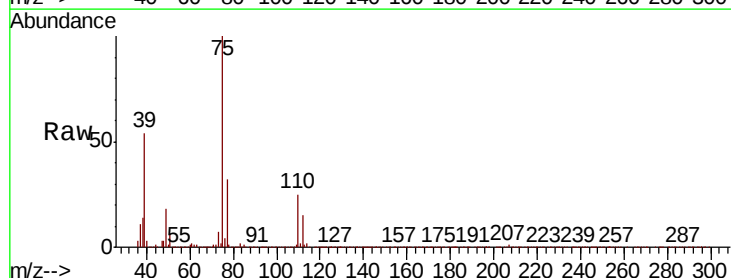
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

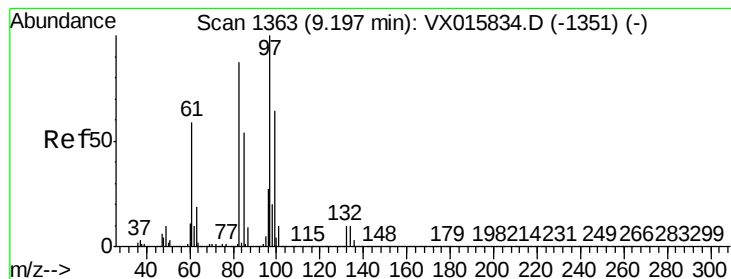
Tot Ion: 75 Resp: 895076
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 54.646 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 75 Resp: 929146
Ion Ratio Lower Upper
75 100
77 31.8 26.0 39.0
39 53.4 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 53.595 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

Tot Ion: 97 Resp: 511047

Ion	Ratio	Lower	Upper
97	100		
83	81.8	69.8	104.8
85	52.0	43.4	65.2
99	63.6	51.2	76.8

Abundance

Ion 96.90 (96.60 to 97.60): VX0

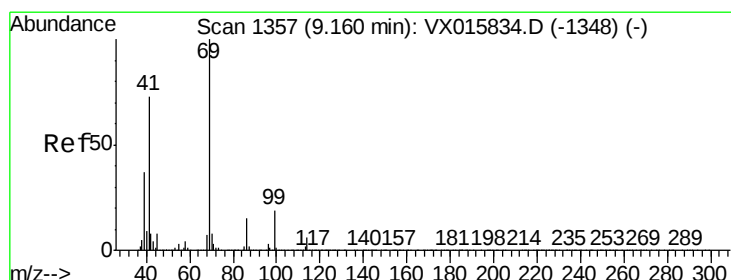
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

9.20

Time-->



#56

Ethyl methacrylate

Concen: 54.084 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Tgt Ion: 69 Resp: 873530

Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.4	86.2
39	37.2	29.7	44.5

Abundance

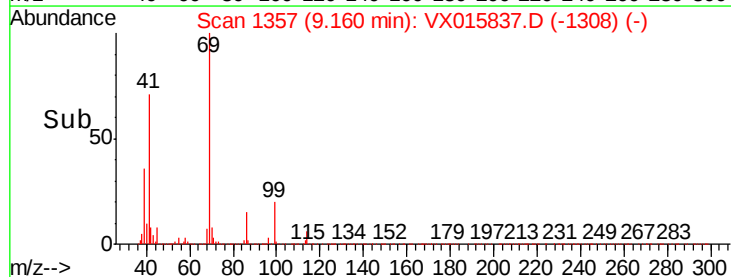
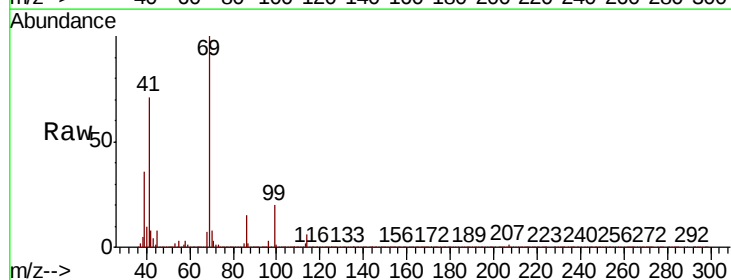
Ion 69.00 (68.70 to 69.70): VX0

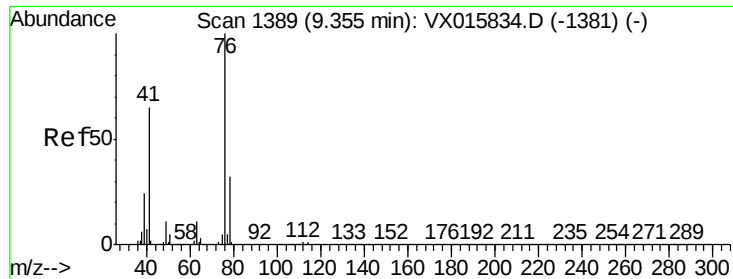
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.16

Time-->





#57

1,3-Dichloropropane

Concen: 53.705 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

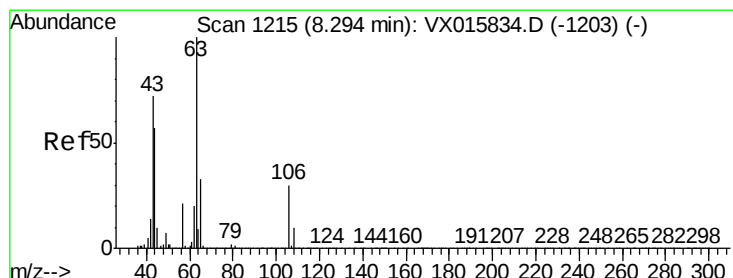
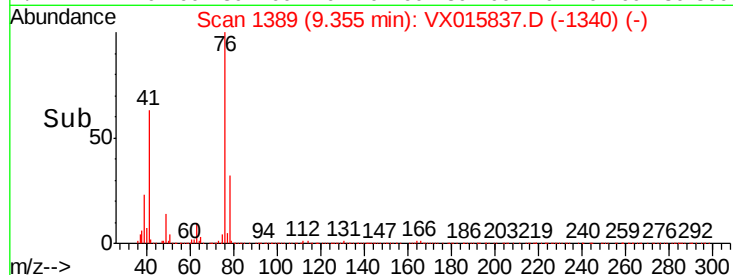
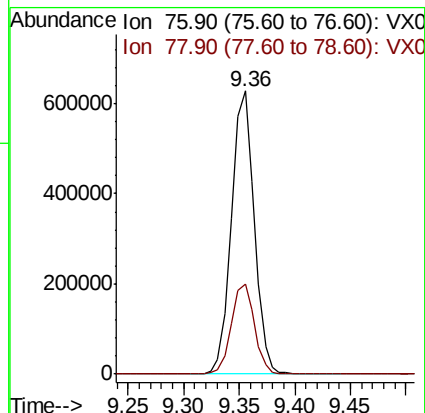
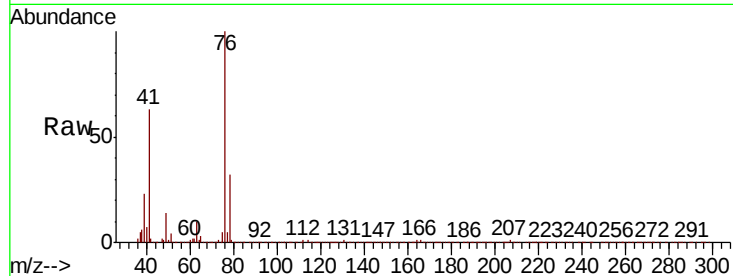
ICVVX042220

Tot Ion: 76 Resp: 889886

Ion Ratio Lower Upper

76 100

78 32.0 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 278.372 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015837.D

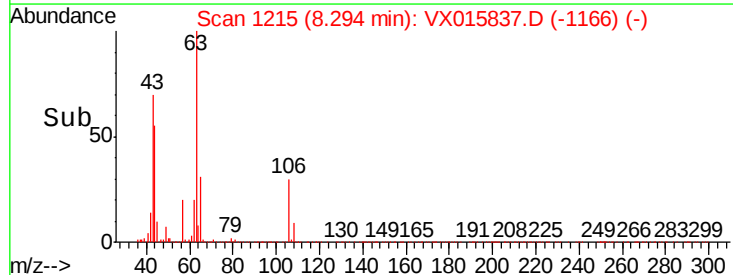
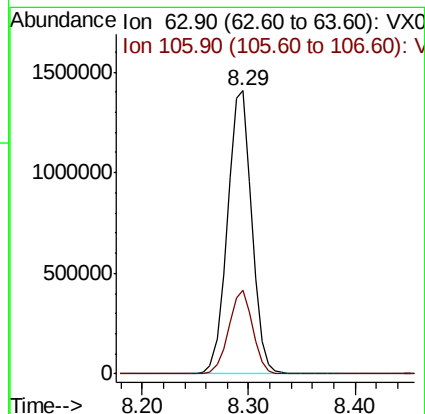
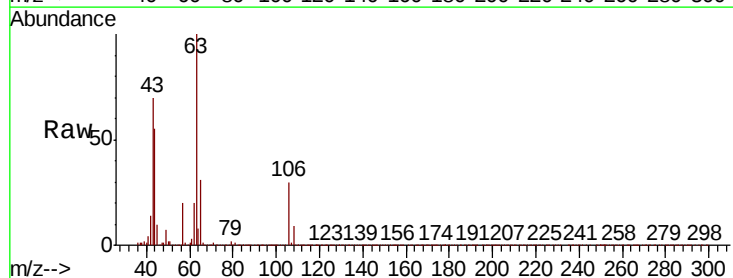
Acq: 22 Apr 2020 13:11

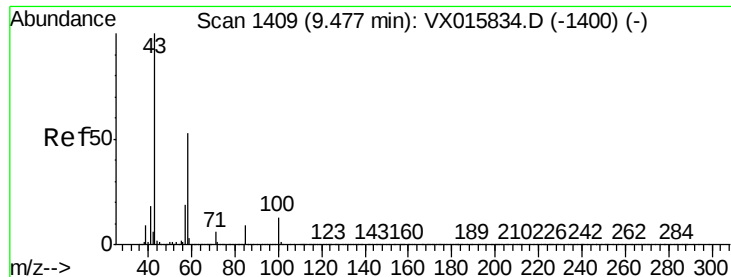
Tgt Ion: 63 Resp: 2246050

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8

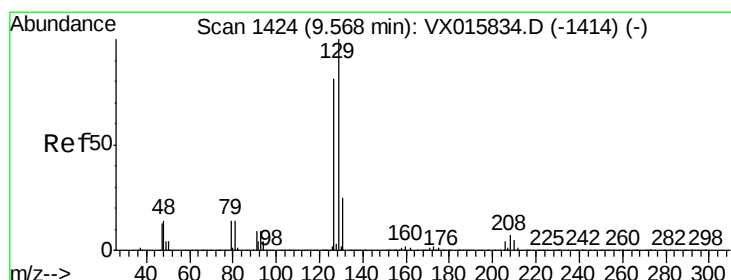
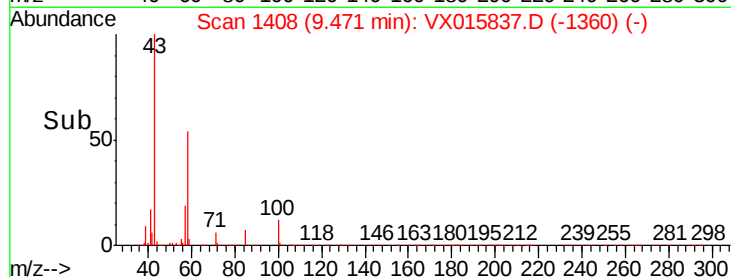
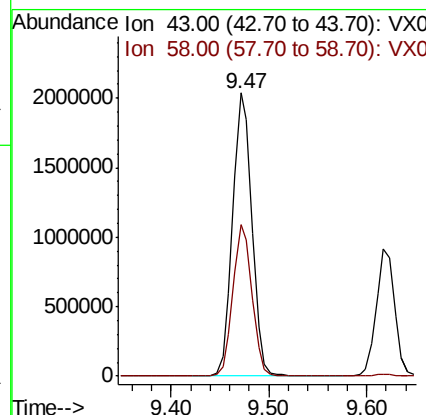
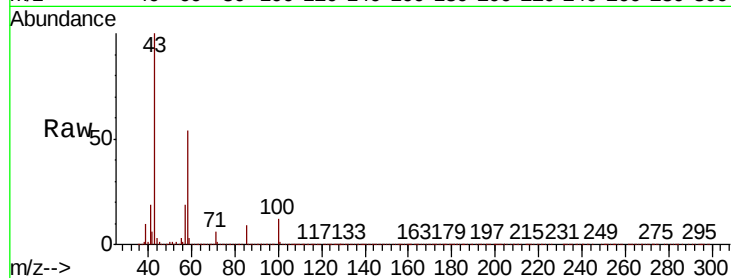




#59
2-Hexanone
Concen: 249.337 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

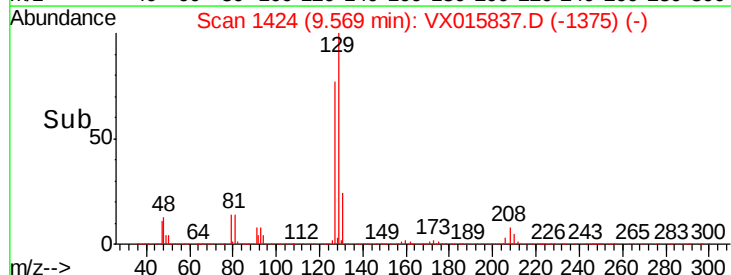
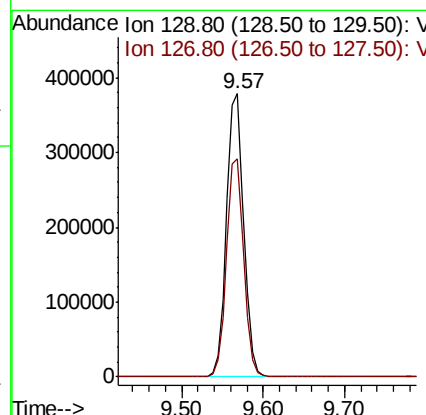
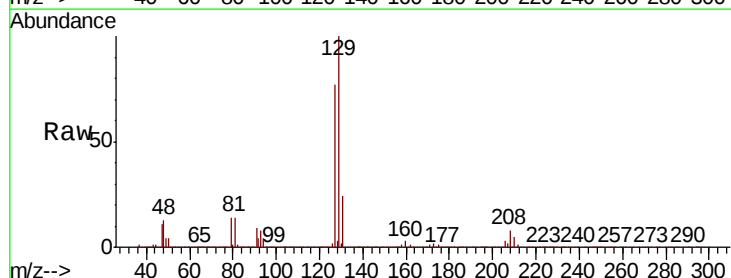
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

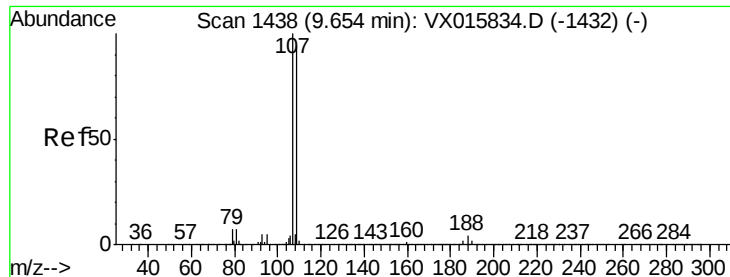
Tot Ion: 43 Resp: 2784160
Ion Ratio Lower Upper
43 100
58 53.3 26.5 79.4



#60
Dibromochloromethane
Concen: 56.333 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 129 Resp: 554714
Ion Ratio Lower Upper
129 100
127 76.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 53.257 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

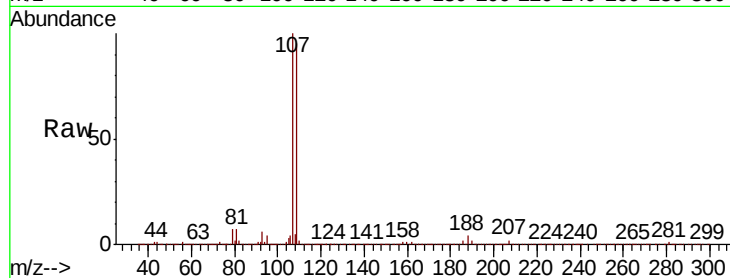
ICVVX042220

Tot Ion: 107 Resp: 561253

Ion Ratio Lower Upper

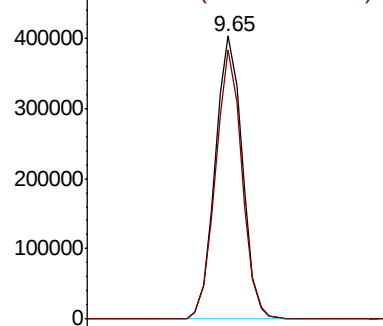
107 100

109 92.9 75.4 113.0

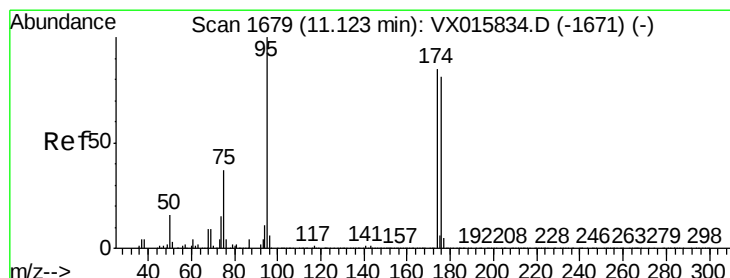
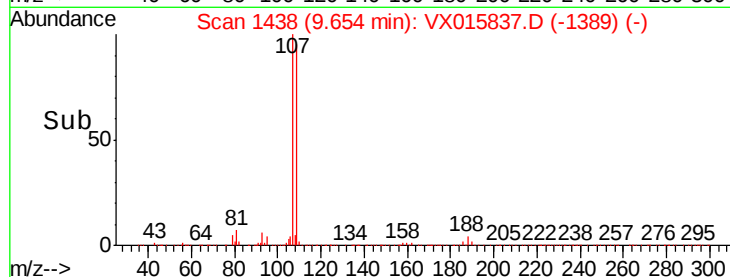


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 43.774 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

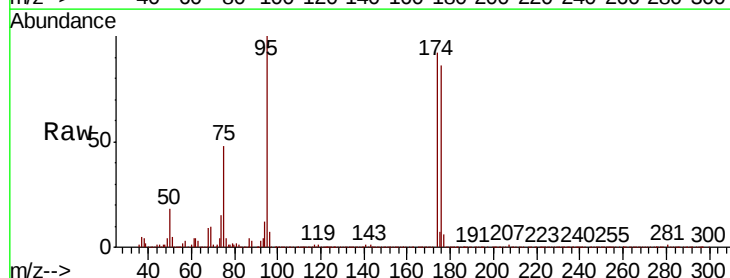
Tgt Ion: 95 Resp: 595373

Ion Ratio Lower Upper

95 100

174 86.8 0.0 172.4

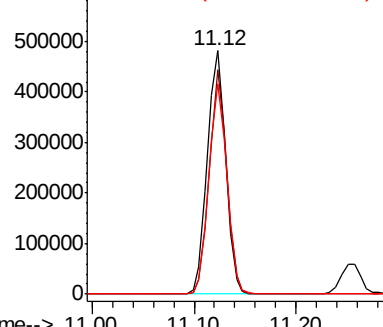
176 84.9 0.0 167.0



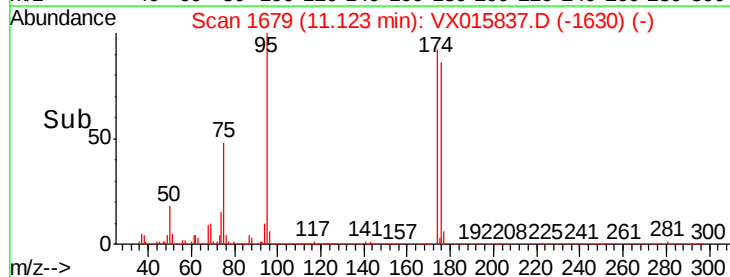
Abundance Ion 94.90 (94.60 to 95.60): VX0

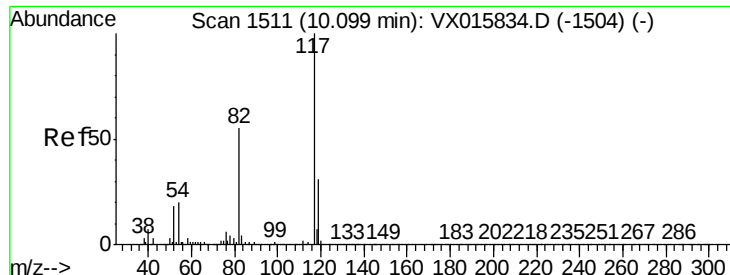
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

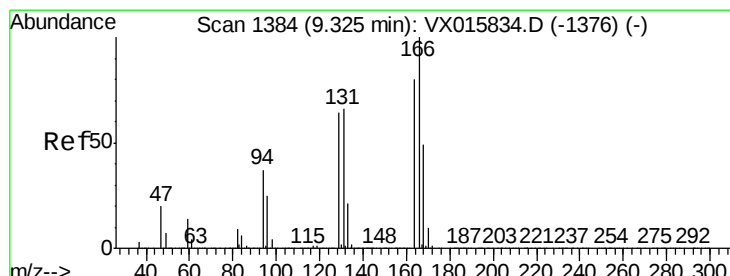
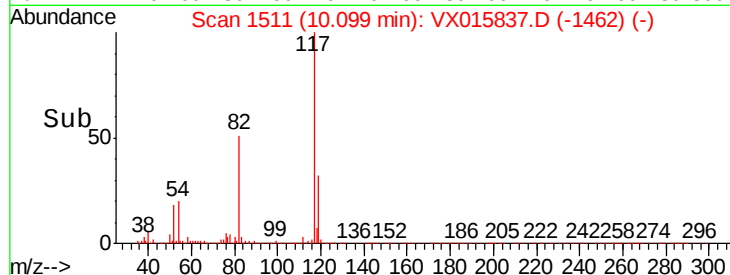
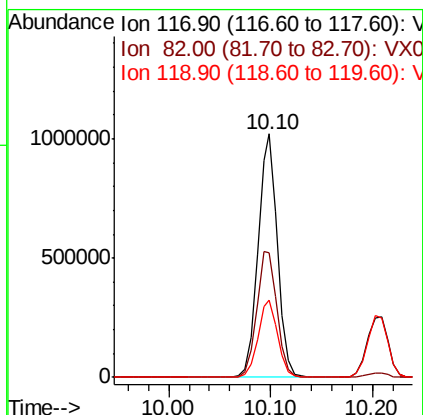
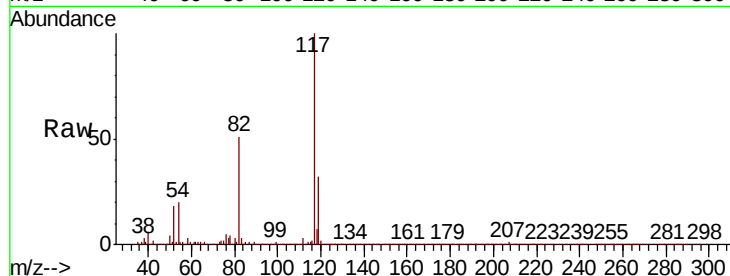




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

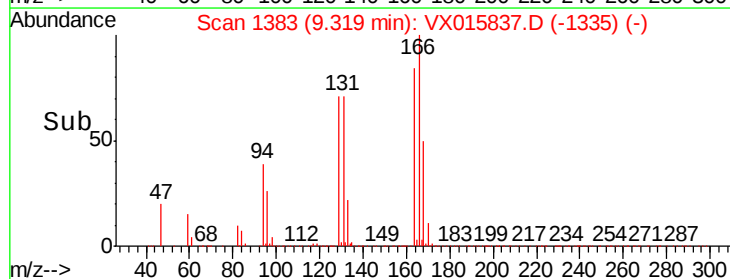
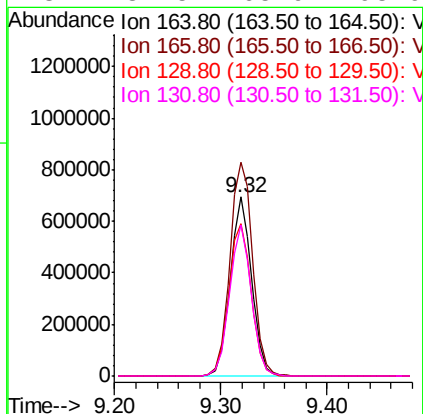
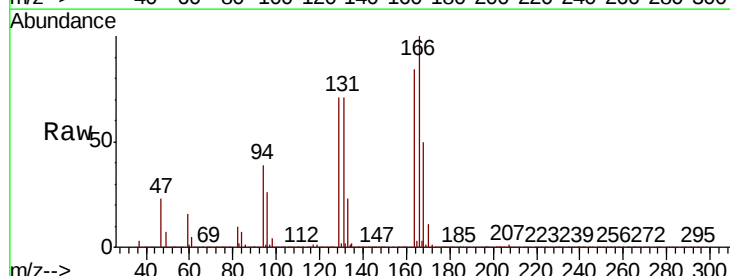
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

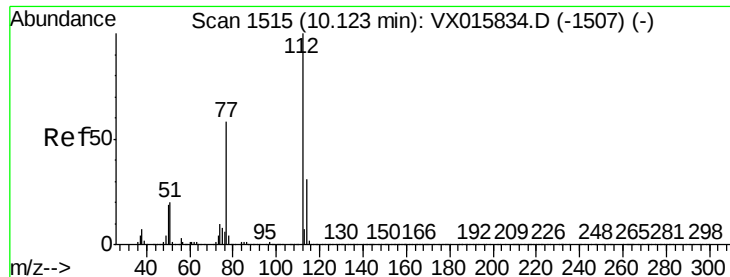
Tot Ion:117 Resp: 1355744
Ion Ratio Lower Upper
117 100
82 51.1 43.9 65.9
119 31.7 25.1 37.7



#64
Tetrachloroethene
Concen: 53.543 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:164 Resp: 978444
Ion Ratio Lower Upper
164 100
166 119.4 100.2 150.2
129 85.1 64.5 96.7
131 84.5 65.9 98.9

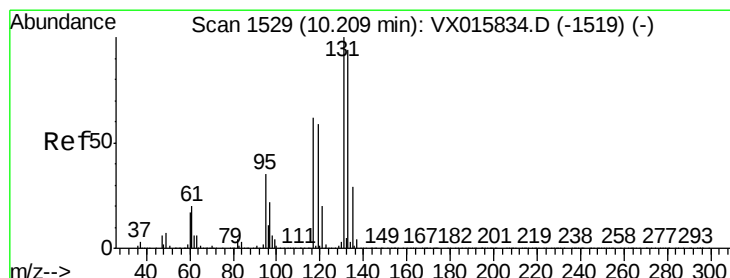
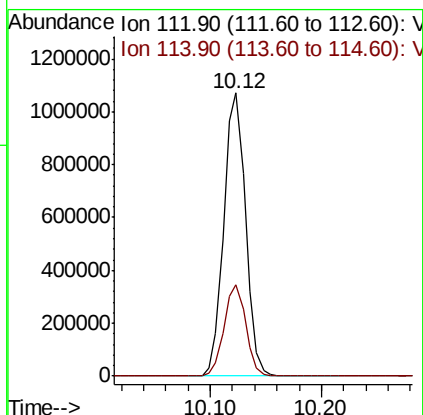
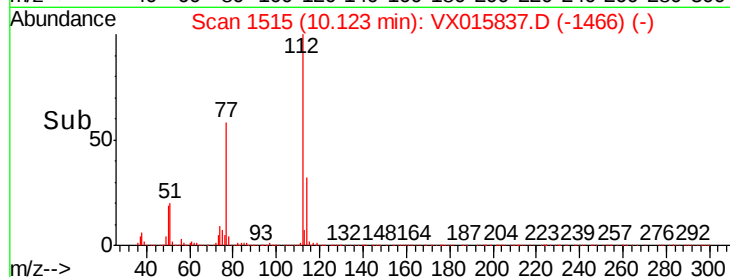
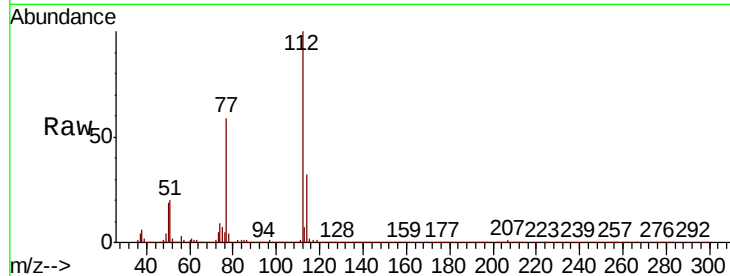




#65
Chlorobenzene
Concen: 53.516 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

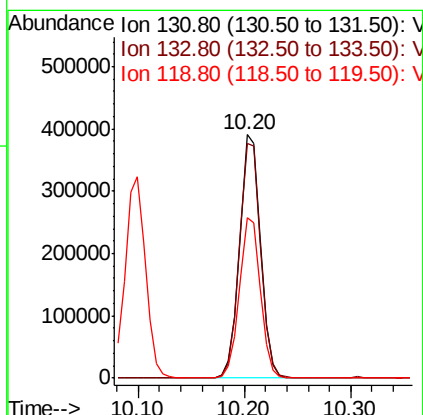
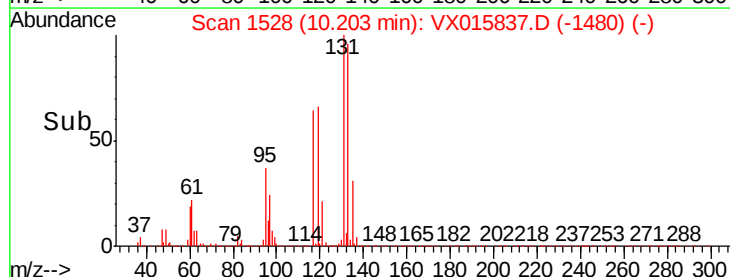
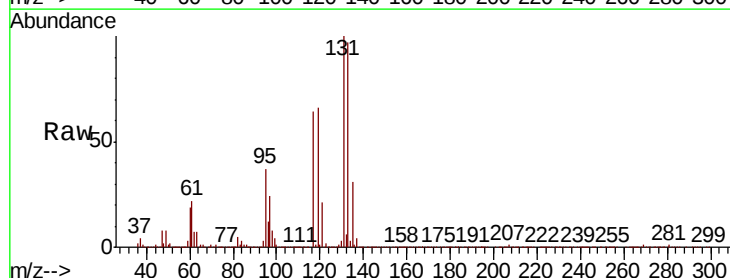
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

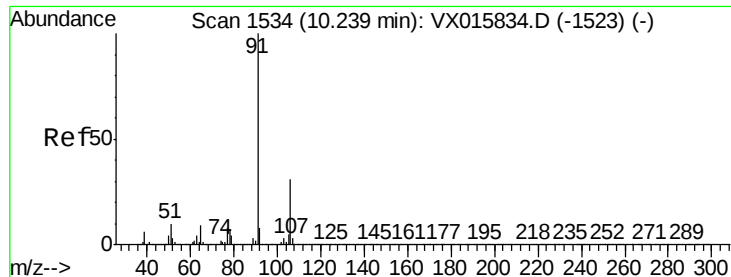
Tot Ion:112 Resp: 1450847
Ion Ratio Lower Upper
112 100
114 32.4 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 53.349 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:131 Resp: 540633
Ion Ratio Lower Upper
131 100
133 98.1 47.0 141.2
119 66.0 30.9 92.8

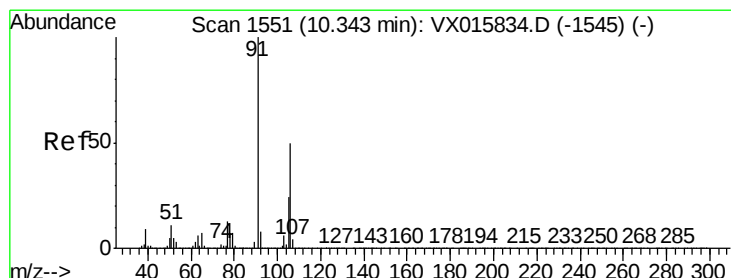
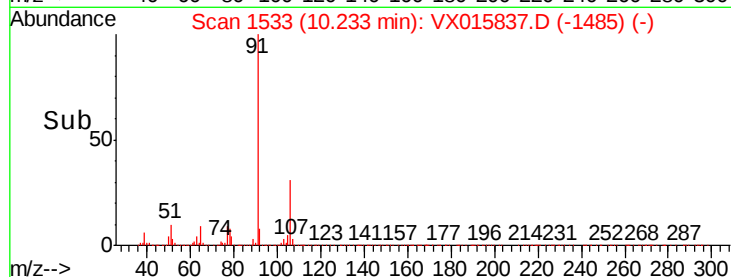
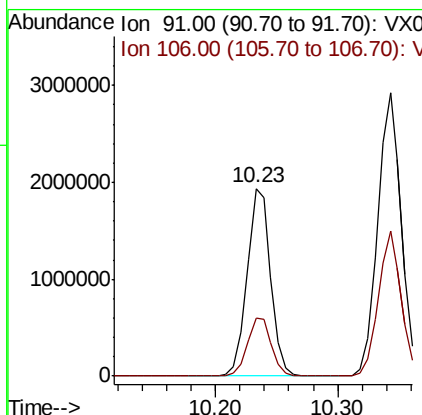
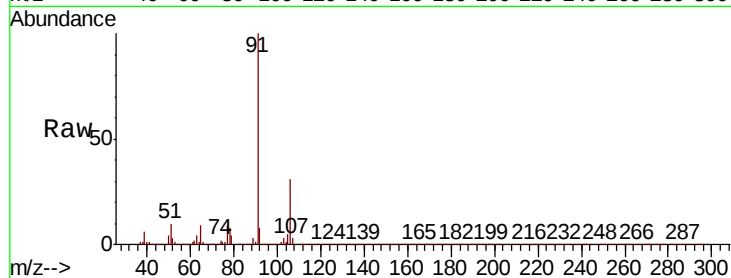




#67
Ethyl Benzene
Concen: 54.228 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

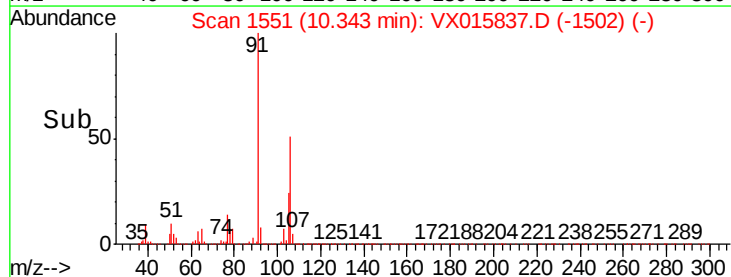
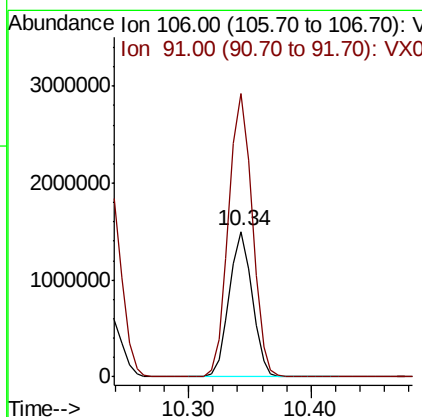
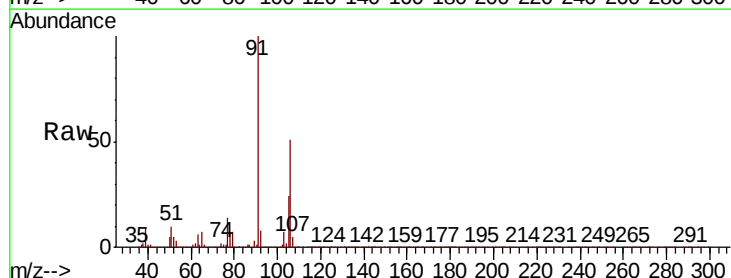
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

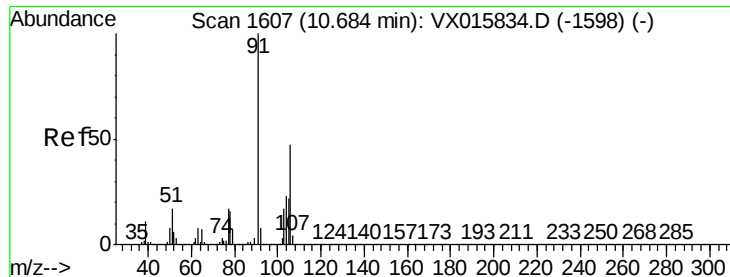
Tot Ion: 91 Resp: 2581697
Ion Ratio Lower Upper
91 100
106 30.8 25.0 37.4



#68
m/p-Xylenes
Concen: 109.197 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:106 Resp: 1951335
Ion Ratio Lower Upper
106 100
91 200.9 161.1 241.7

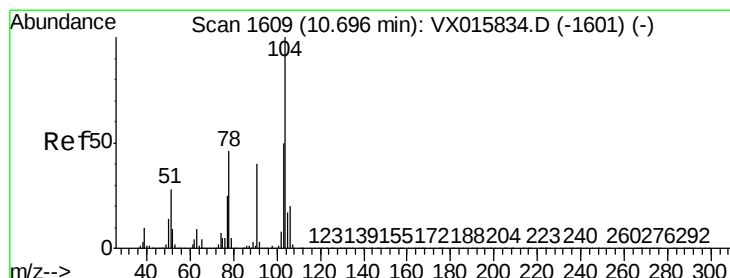
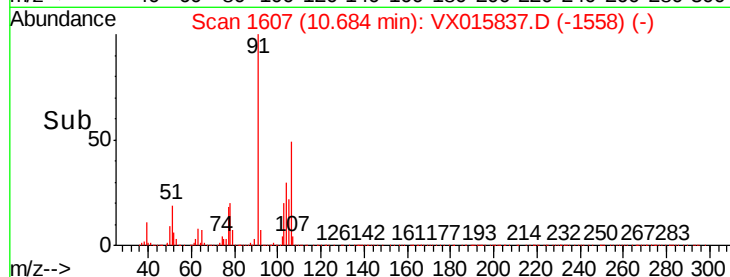
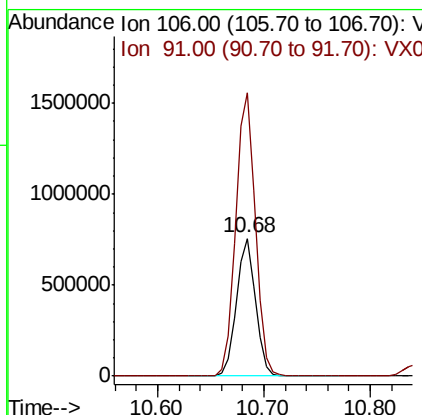
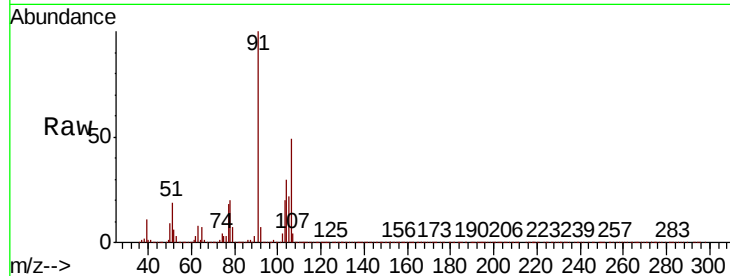




#69
o-Xylene
Concen: 54.051 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

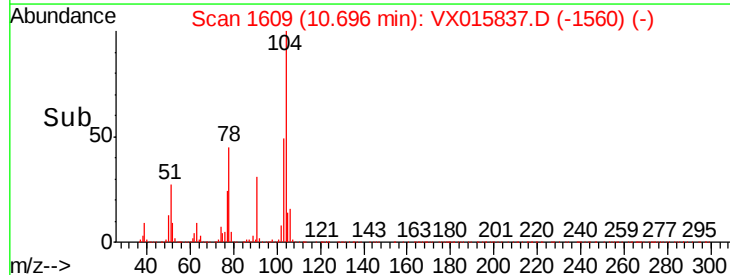
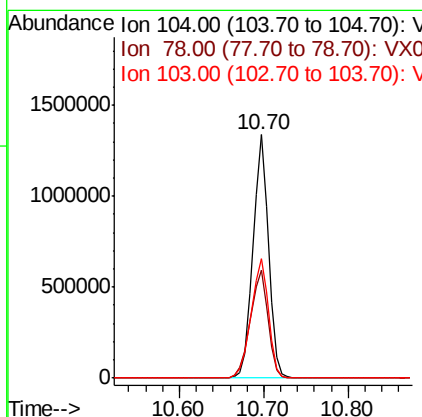
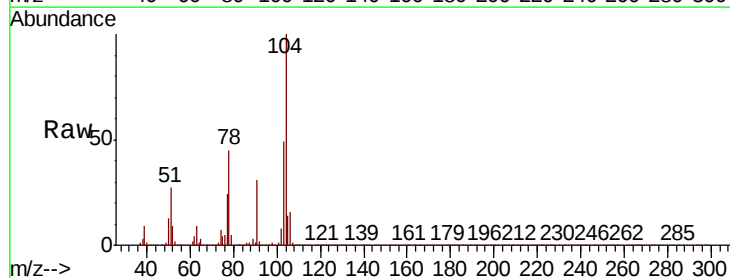
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

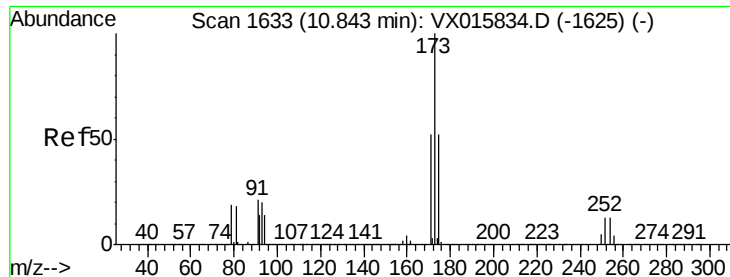
Tot Ion:106 Resp: 950485
Ion Ratio Lower Upper
106 100
91 211.7 107.1 321.3



#70
Styrene
Concen: 54.413 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:104 Resp: 1656780
Ion Ratio Lower Upper
104 100
78 49.8 40.1 60.1
103 54.5 43.3 64.9

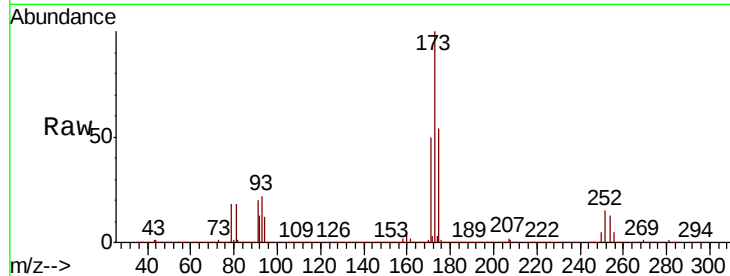




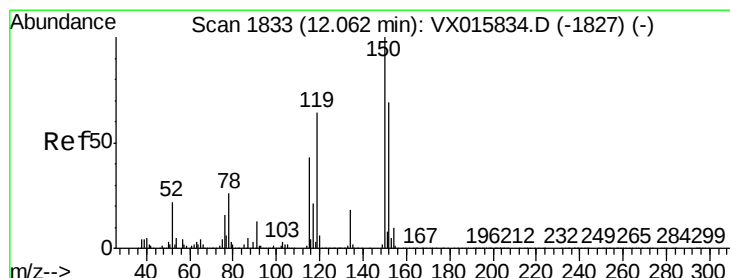
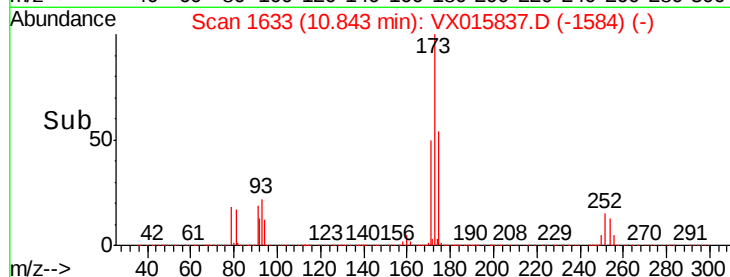
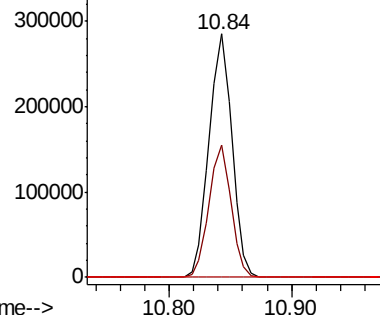
#71
Bromoform
Concen: 55.968 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

Tot Ion:173 Resp: 369584
Ion Ratio Lower Upper
173 100
175 52.5 25.1 75.4
254 0.2 0.3 0.5#

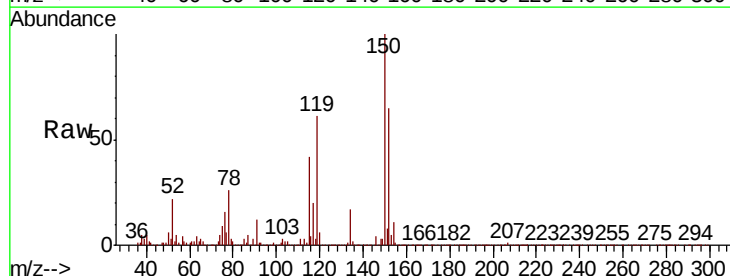


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

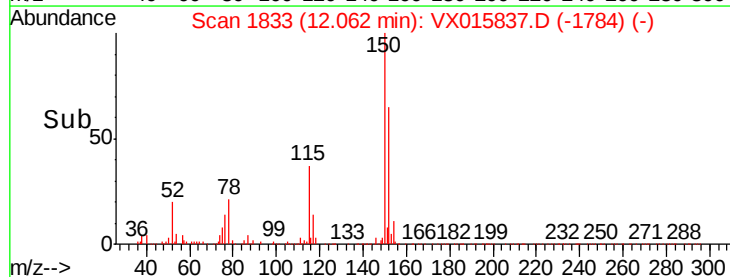
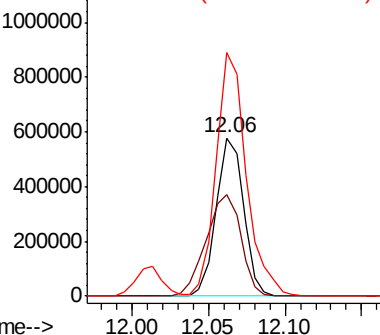


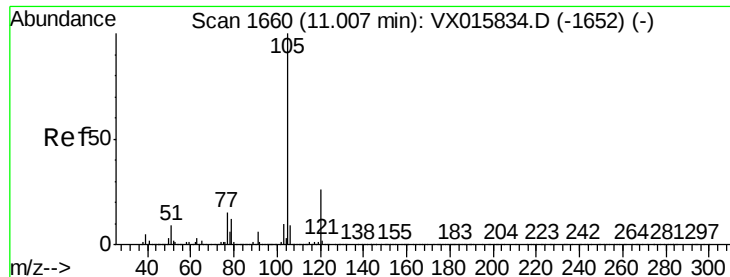
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:152 Resp: 720223
Ion Ratio Lower Upper
152 100
115 80.7 39.0 116.9
150 168.8 0.0 336.8



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: 56.140 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

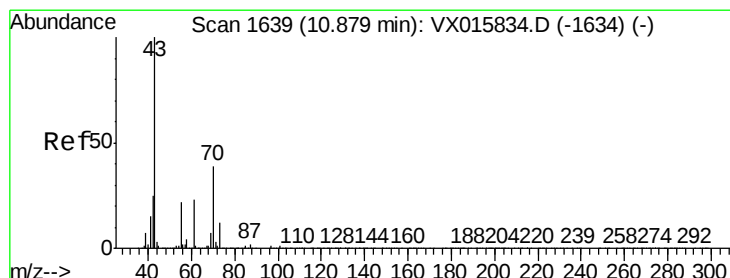
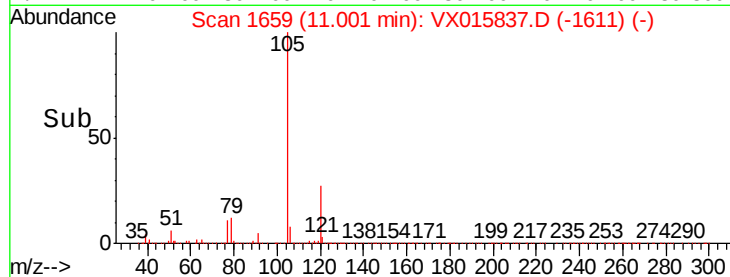
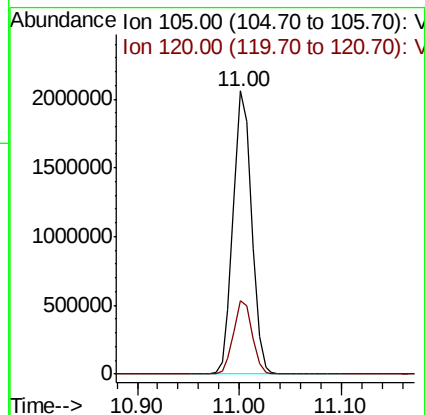
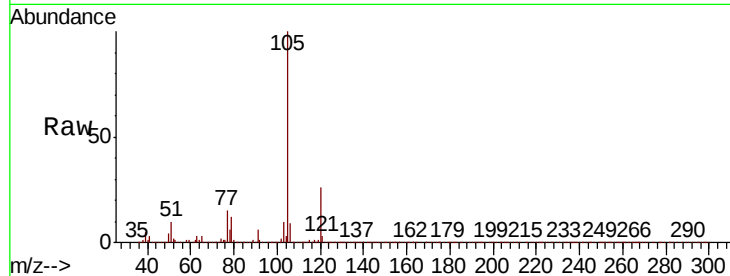
ICVX042220

Tot Ion:105 Resp: 2567897

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 52.384 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Tgt Ion: 43 Resp: 1236981

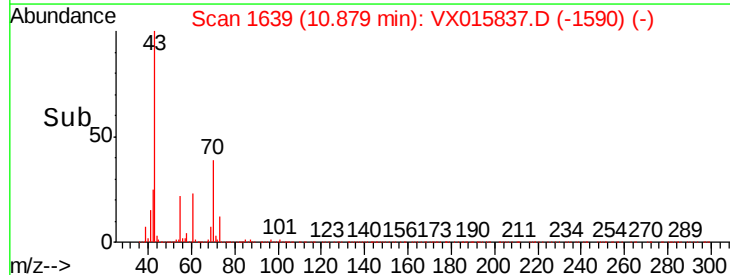
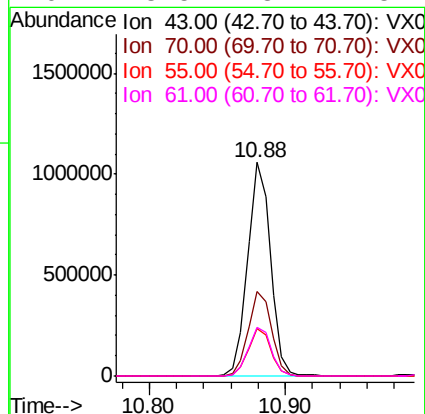
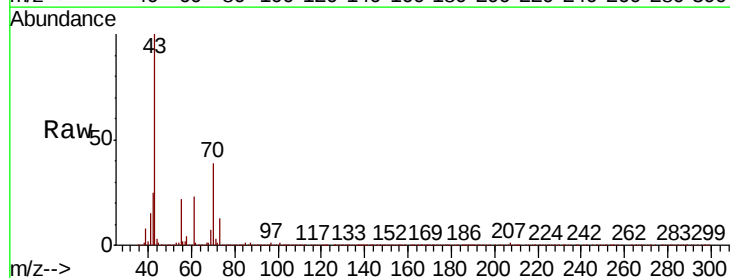
Ion Ratio Lower Upper

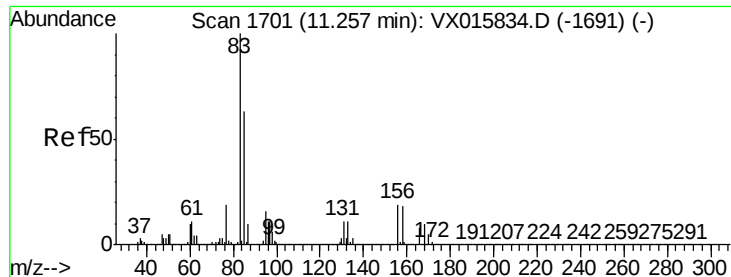
43 100

70 40.5 32.6 49.0

55 22.2 18.3 27.5

61 23.5 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.111 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

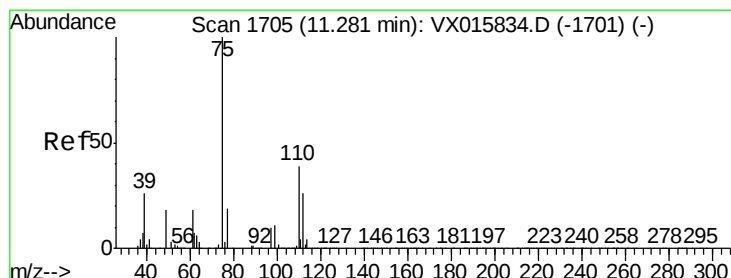
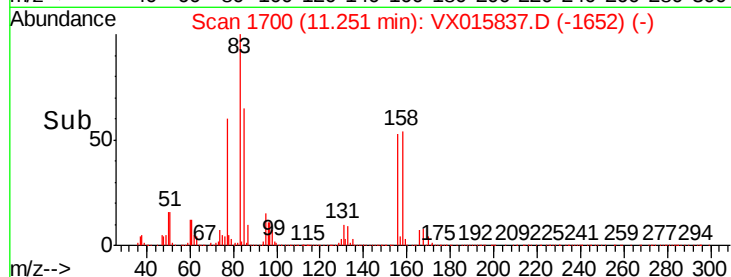
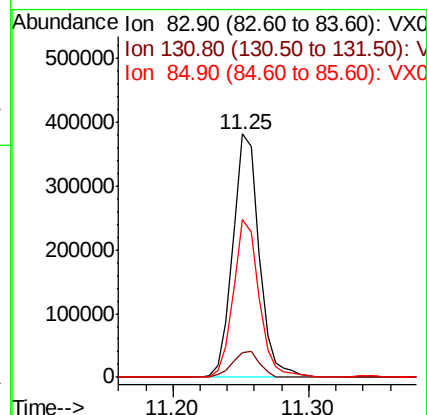
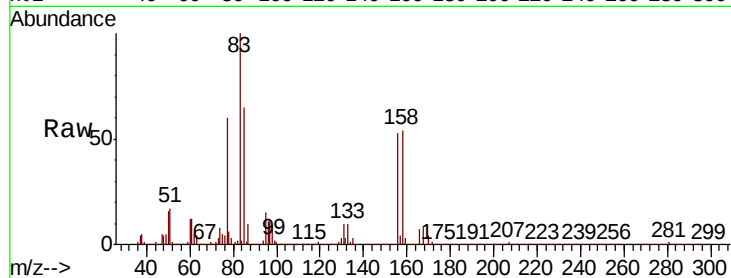
Tot Ion: 83 Resp: 514137

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.4

85 63.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 69.647 ug/l

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015837.D

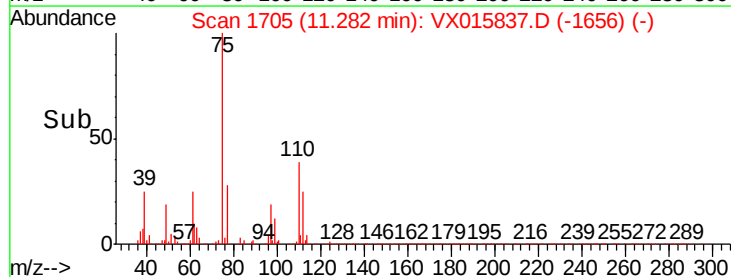
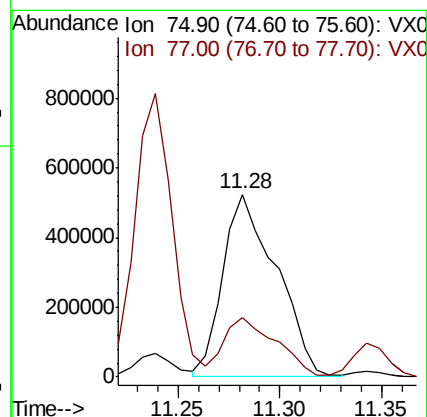
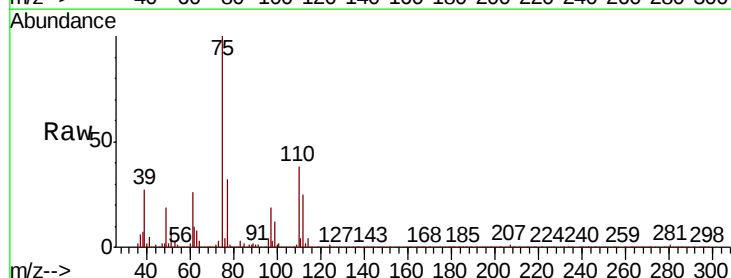
Acq: 22 Apr 2020 13:11

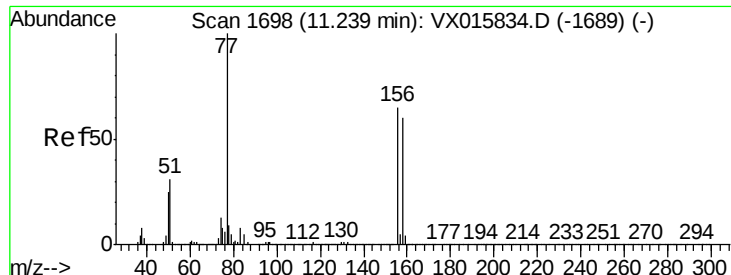
Tgt Ion: 75 Resp: 953849

Ion Ratio Lower Upper

75 100

77 31.7 21.3 63.9

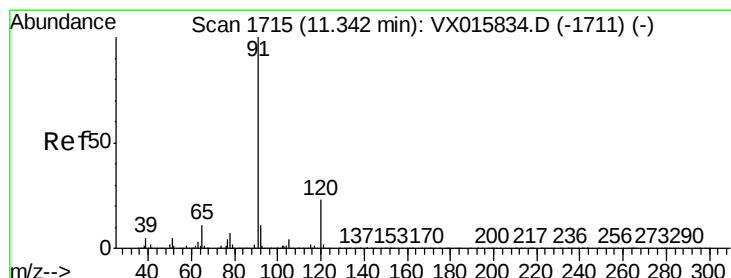
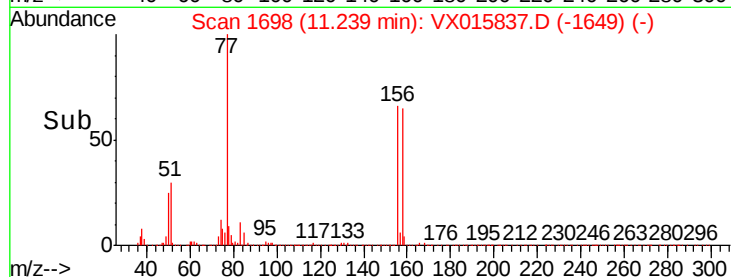
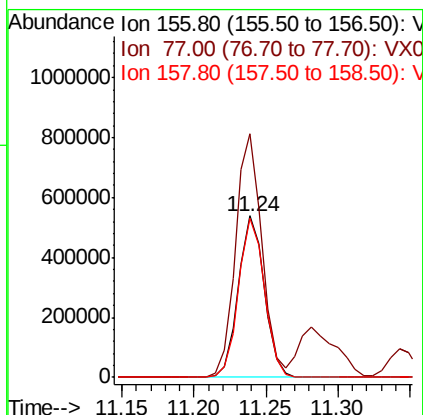
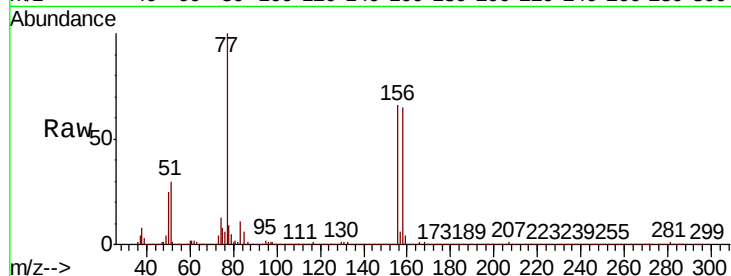




#77
Bromobenzene
Concen: 54.161 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

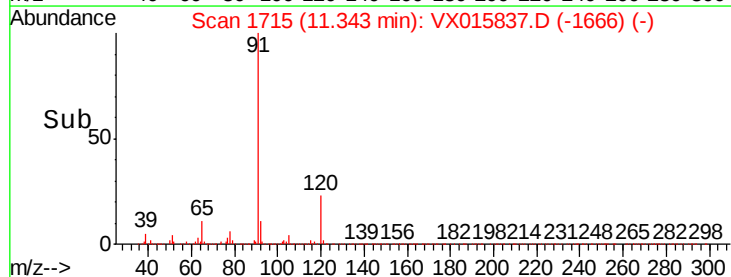
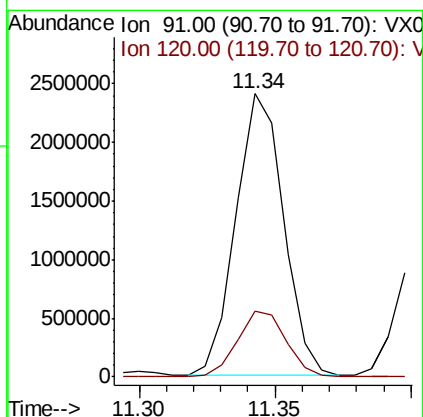
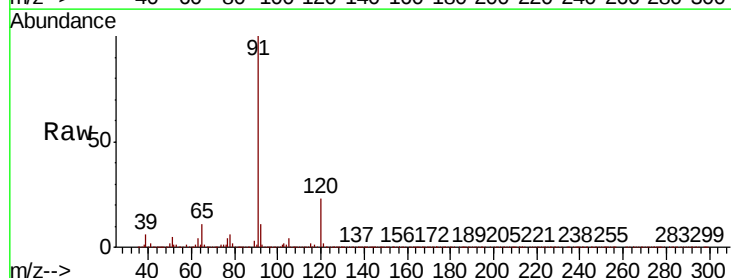
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

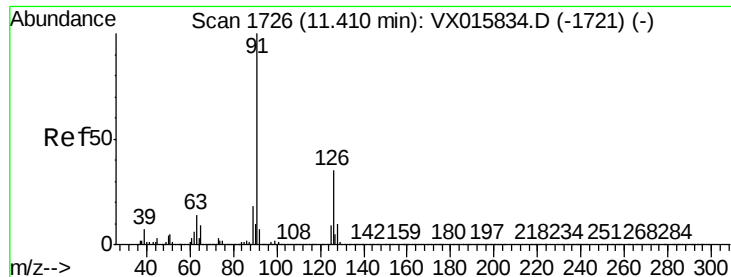
Tot Ion:156 Resp: 676906
Ion Ratio Lower Upper
156 100
77 153.1 75.2 225.6
158 98.4 47.9 143.6



#78
n-propylbenzene
Concen: 55.972 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion: 91 Resp: 2932861
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.1

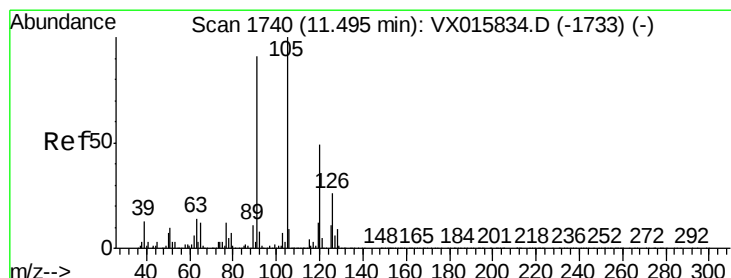
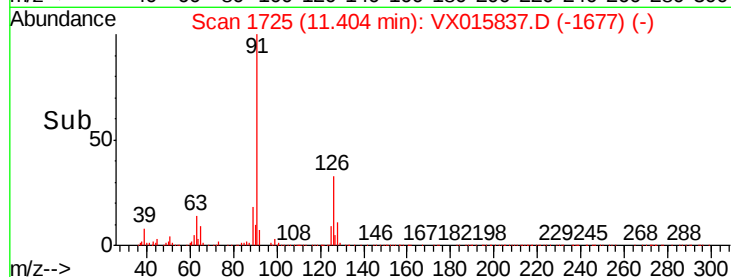
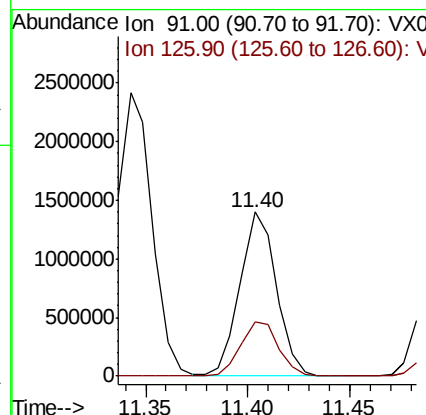
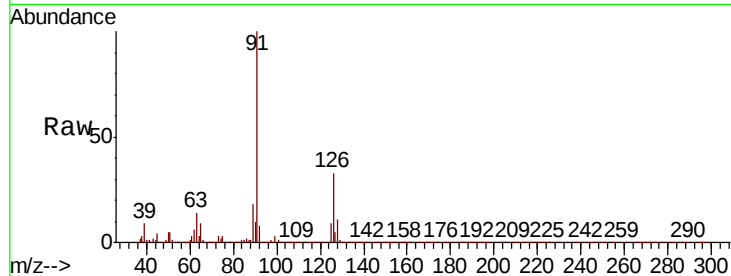




#79
 2-Chlorotoluene
 Concen: 54.705 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

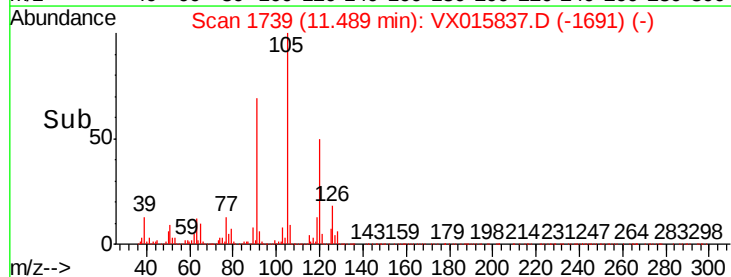
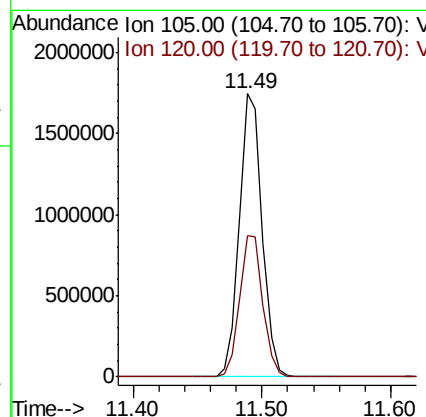
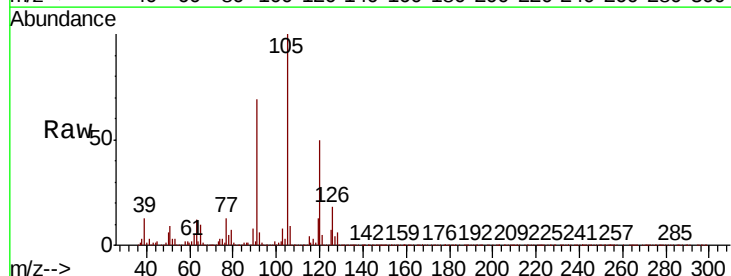
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042220

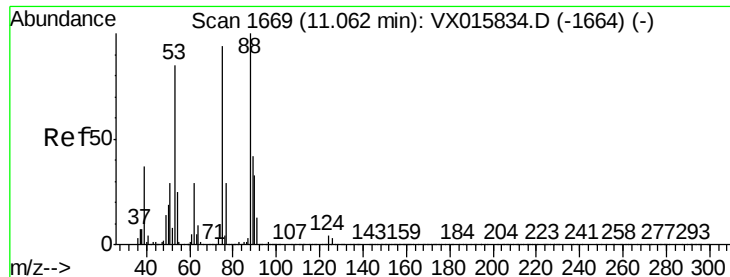
Tot Ion: 91 Resp: 1721836
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 55.187 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Tgt Ion: 105 Resp: 2152467
 Ion Ratio Lower Upper
 105 100
 120 50.8 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 53.141 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

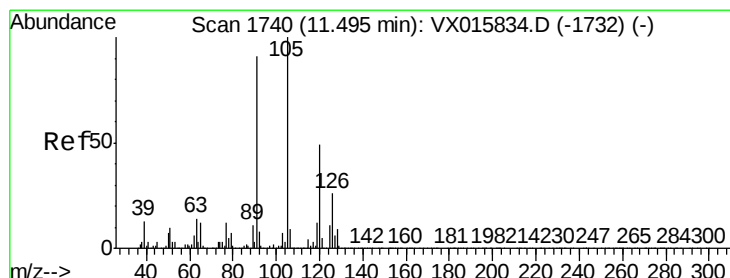
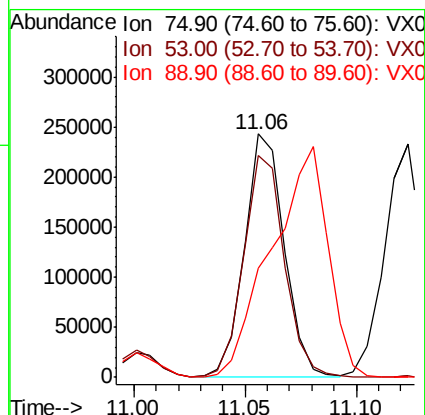
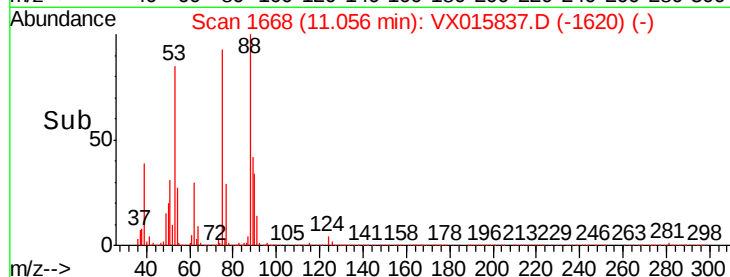
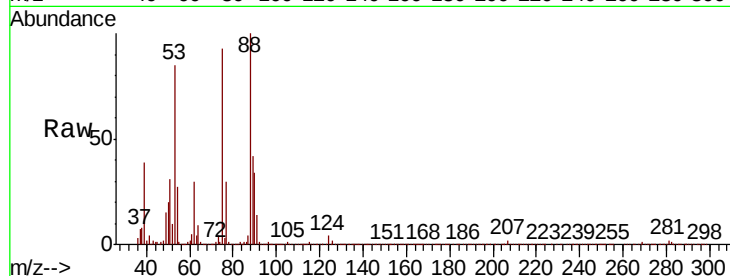
Tot Ion: 75 Resp: 302551

Ion Ratio Lower Upper

75 100

53 93.0 74.2 111.2

89 0.0 38.0 57.0#



#82

4-Chlorotoluene

Concen: 55.345 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015837.D

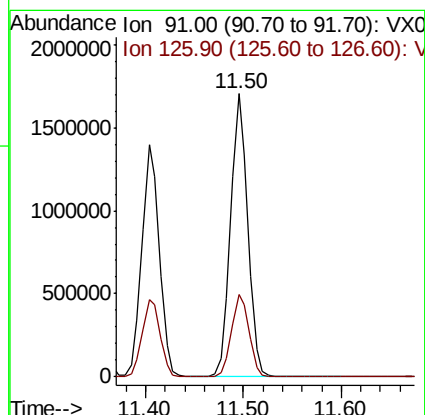
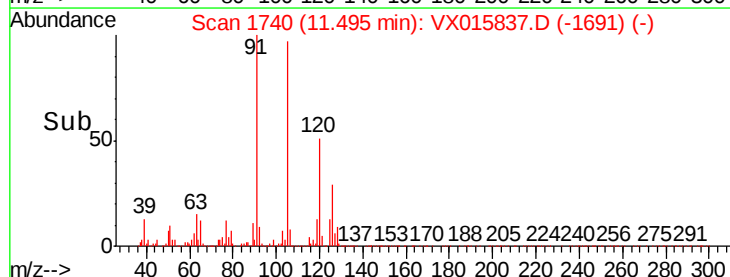
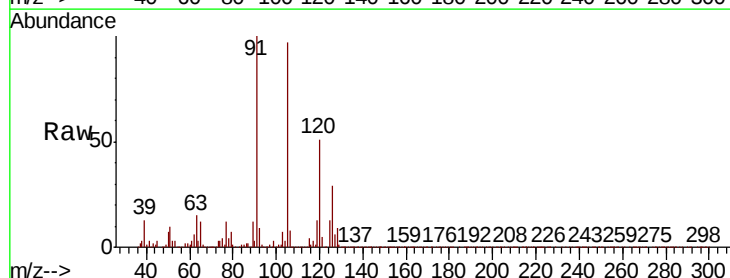
Acq: 22 Apr 2020 13:11

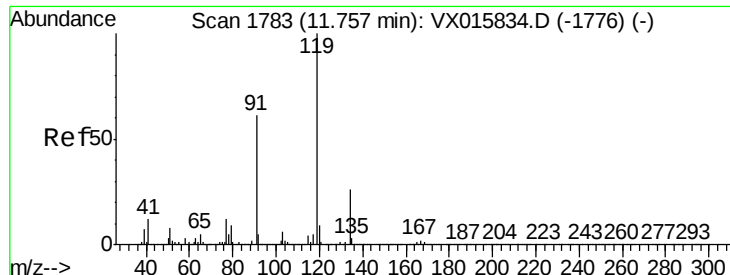
Tgt Ion: 91 Resp: 2070000

Ion Ratio Lower Upper

91 100

126 29.8 15.0 45.0

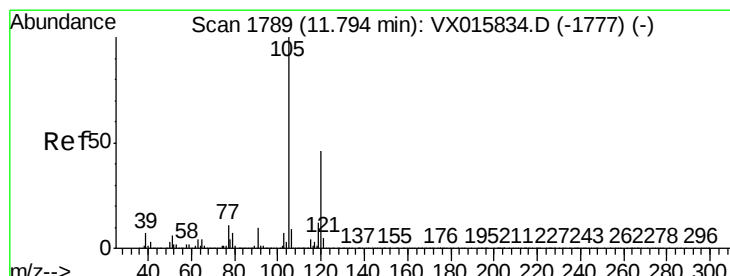
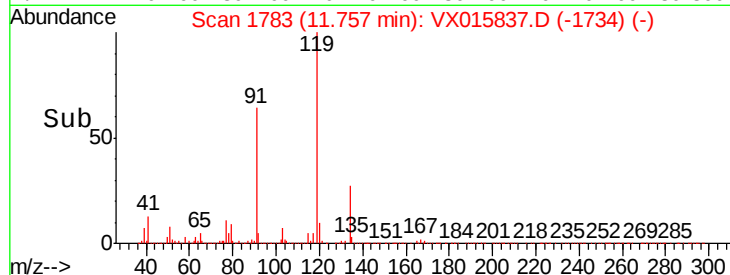
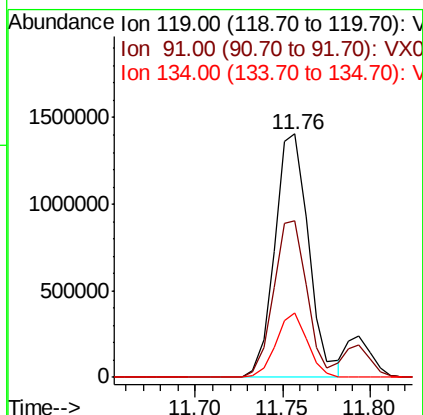
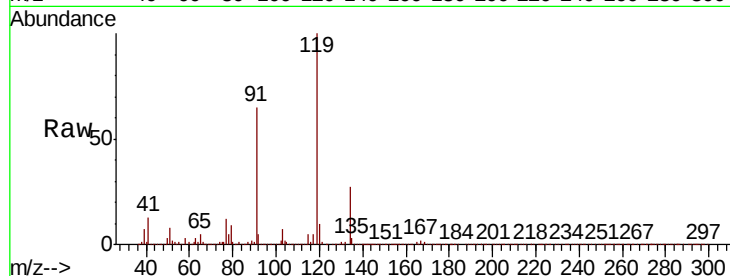




#83
tert-Butylbenzene
Concen: 55.118 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

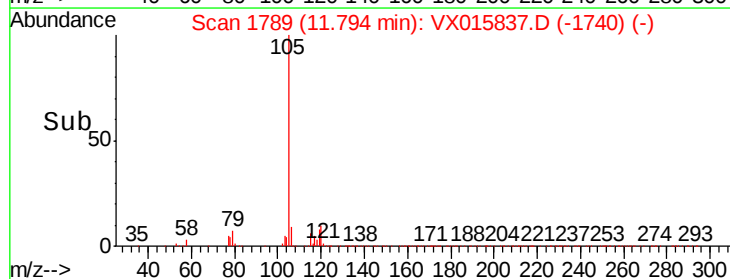
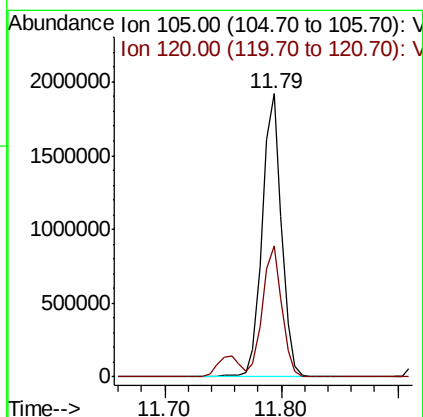
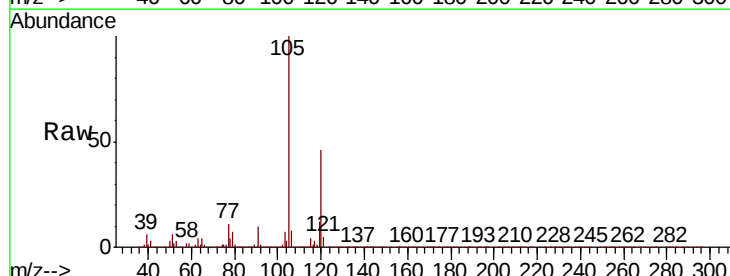
Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

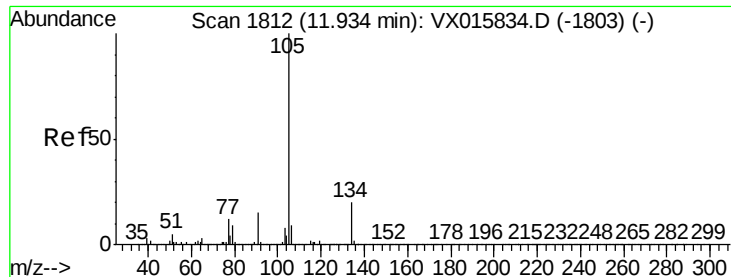
Tot Ion:119 Resp: 1906917
Ion Ratio Lower Upper
119 100
91 62.9 30.9 92.7
134 24.4 12.4 37.2



#84
1,2,4-Trimethylbenzene
Concen: 54.782 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:105 Resp: 2218267
Ion Ratio Lower Upper
105 100
120 46.3 22.9 68.7





#85

sec-Butylbenzene

Concen: 55.690 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

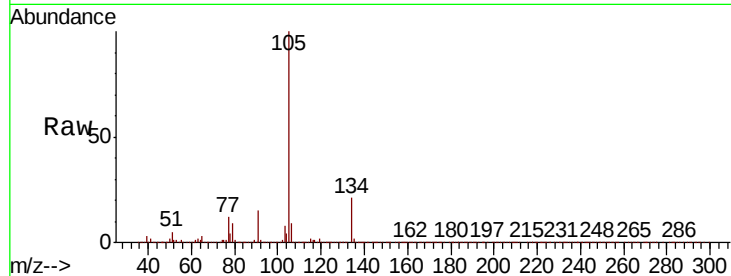
ICVVX042220

Tot Ion:105 Resp: 2539839

Ion Ratio Lower Upper

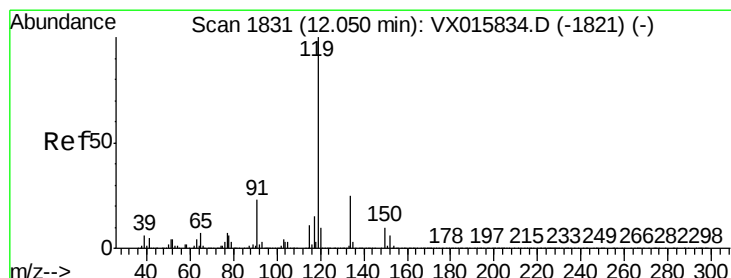
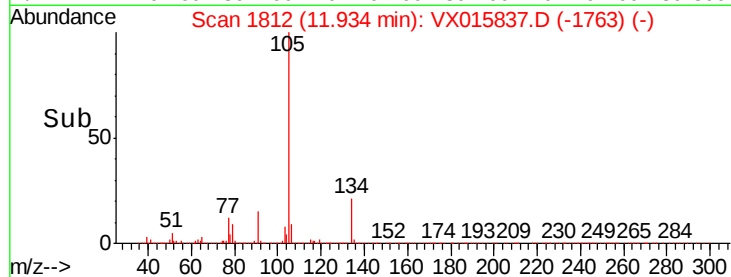
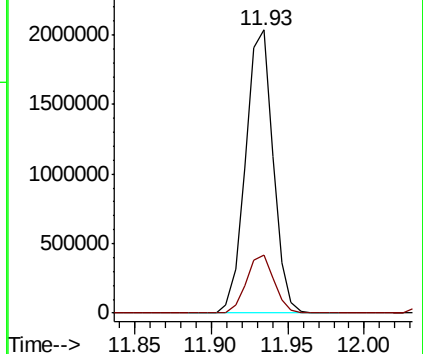
105 100

134 20.6 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.326 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

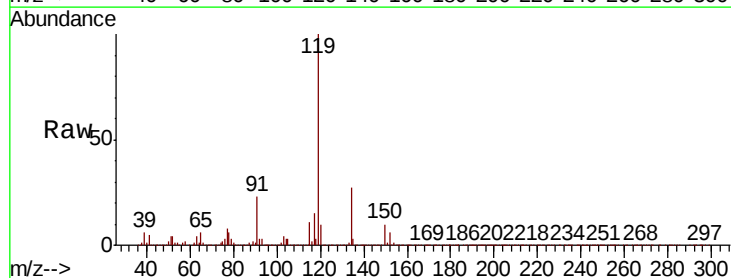
Tgt Ion:119 Resp: 2402080

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

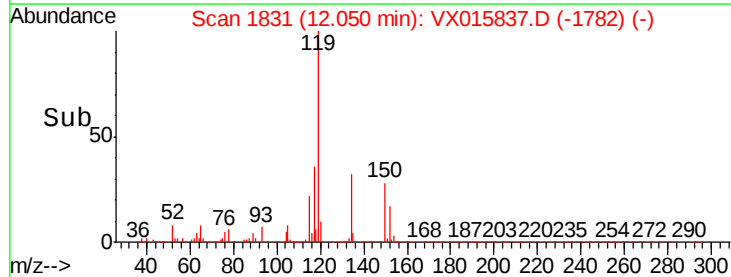
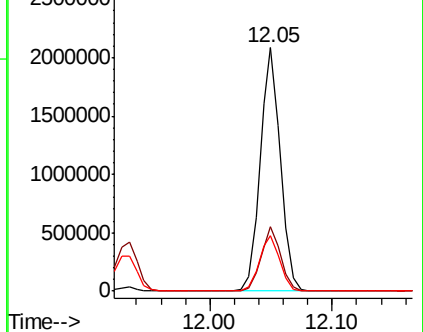
91 23.1 11.5 34.5

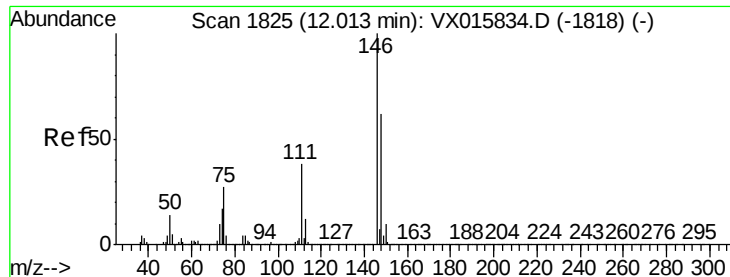


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

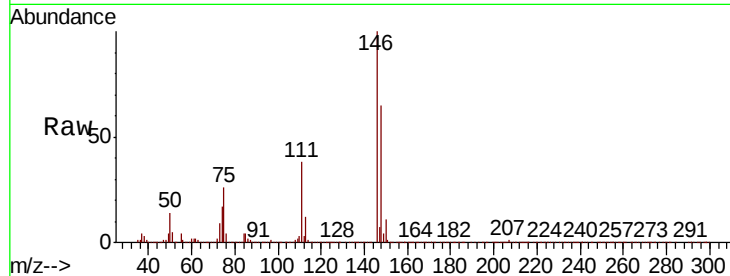




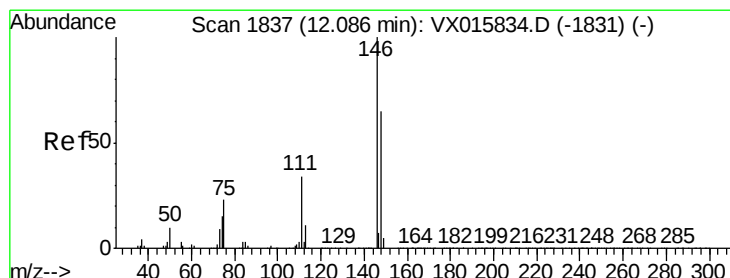
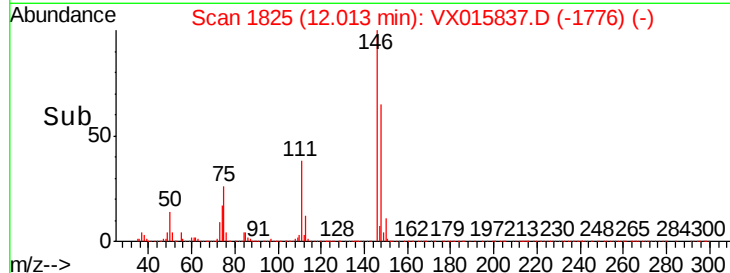
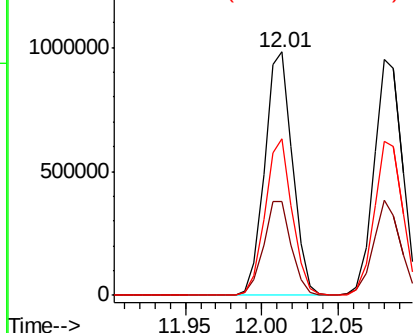
#87
 1,3-Dichlorobenzene
 Concen: 54.323 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042220

Tot Ion:146 Resp: 1246271
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.1 57.1
 148 62.9 30.9 92.7

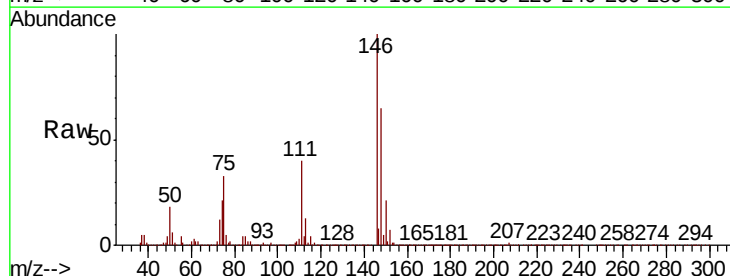


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

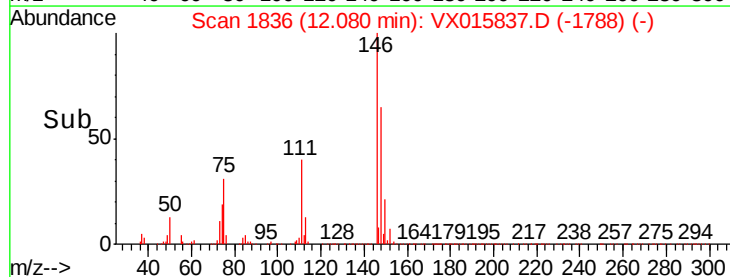
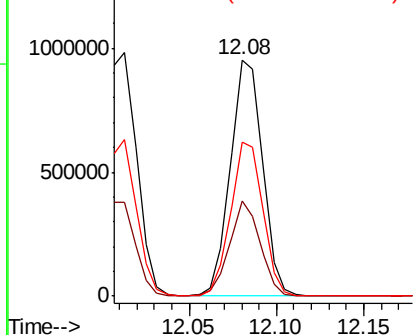


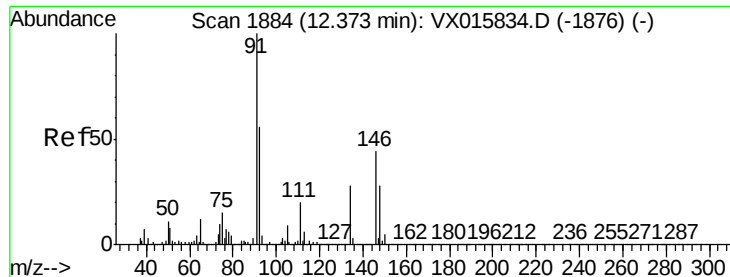
#88
 1,4-Dichlorobenzene
 Concen: 53.167 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Tgt Ion:146 Resp: 1221012
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.2
 148 65.0 33.8 101.4



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





#89

n-Butylbenzene

Concen: 56.835 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

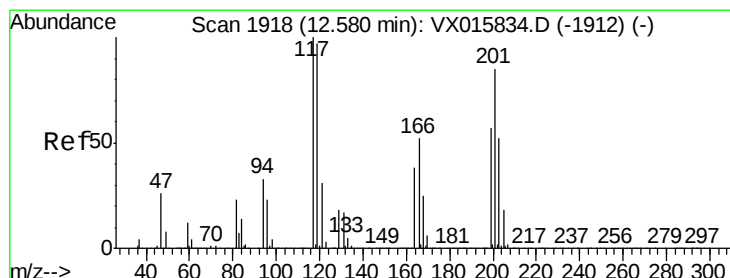
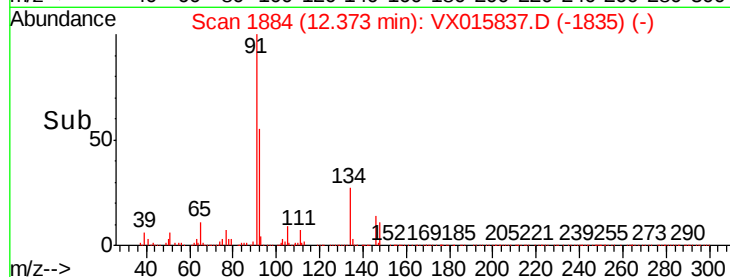
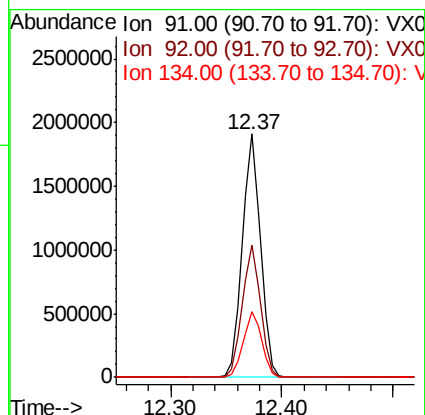
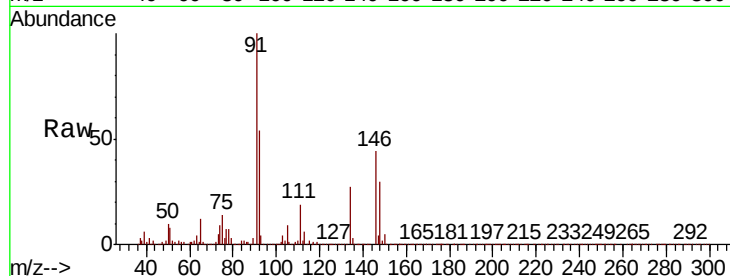
Tot Ion: 91 Resp: 2167042

Ion Ratio Lower Upper

91 100

92 54.4 27.7 83.1

134 27.1 14.1 42.4



#90

Hexachloroethane

Concen: 63.376 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015837.D

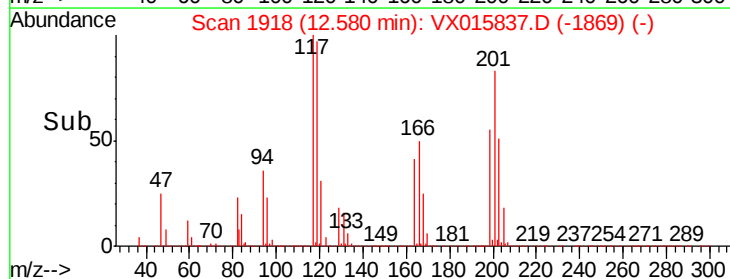
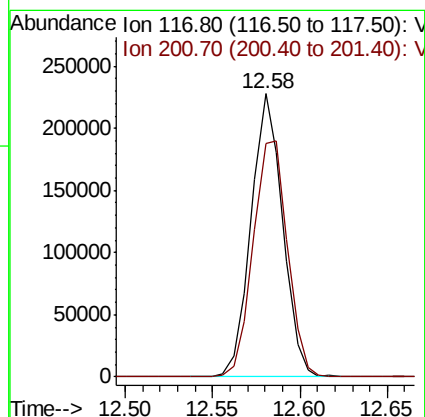
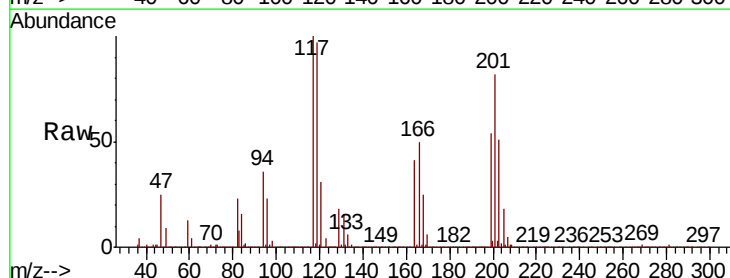
Acq: 22 Apr 2020 13:11

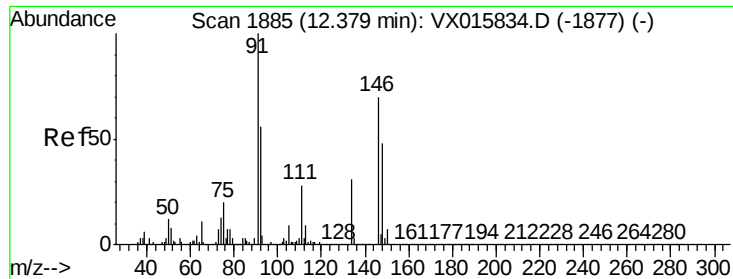
Tgt Ion: 117 Resp: 285516

Ion Ratio Lower Upper

117 100

201 90.8 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 53.807 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

Instrument :

MSVOA_X

ClientSampleId :

ICVVX042220

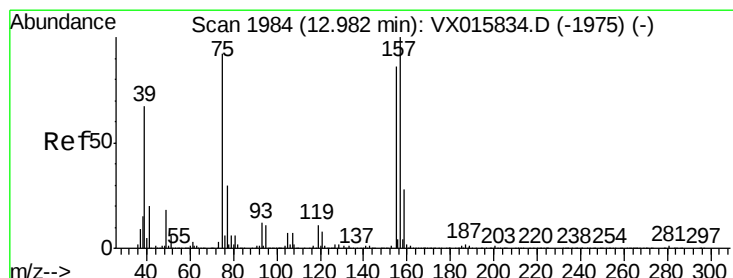
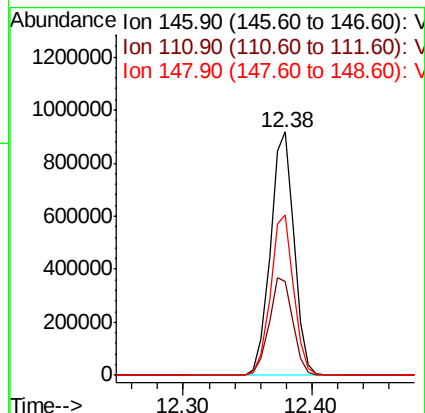
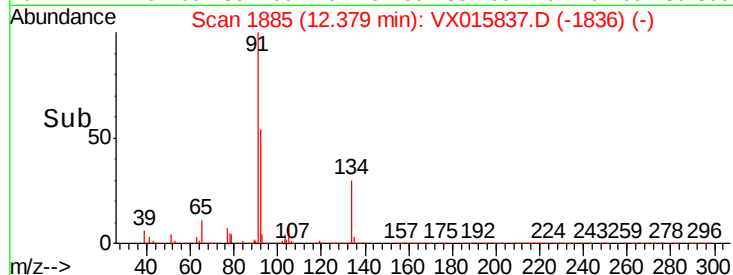
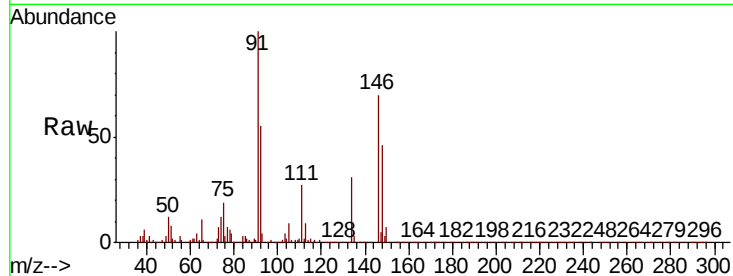
Tot Ion:146 Resp: 1170810

Ion Ratio Lower Upper

146 100

111 40.2 20.3 61.0

148 64.4 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.037 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015837.D

Acq: 22 Apr 2020 13:11

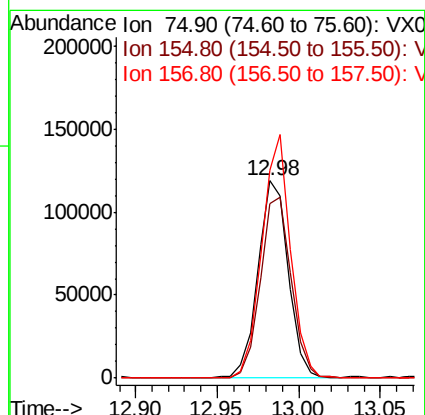
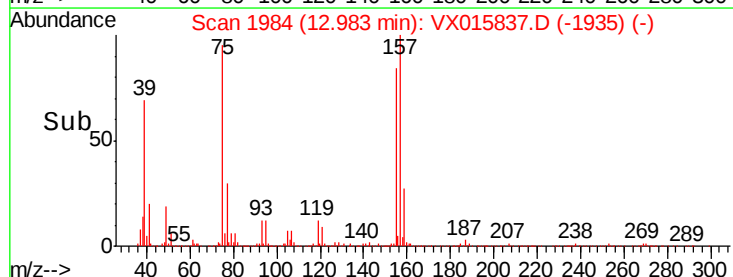
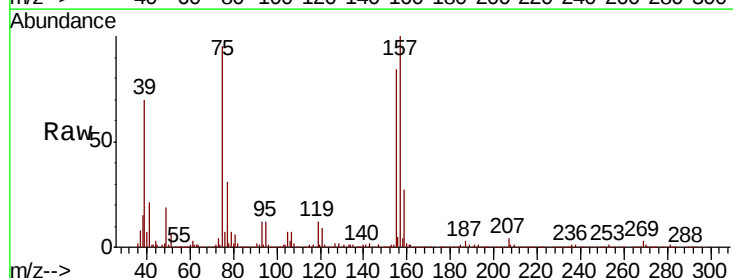
Tgt Ion: 75 Resp: 152257

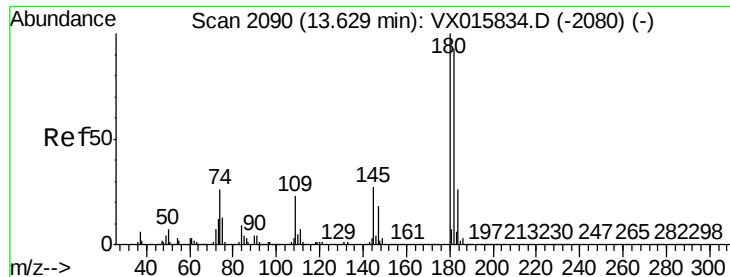
Ion Ratio Lower Upper

75 100

155 94.0 48.1 144.4

157 116.8 58.9 176.7

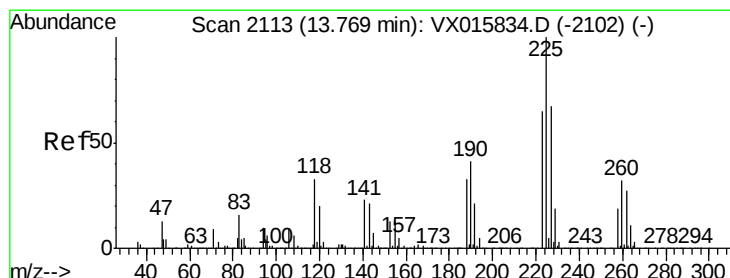
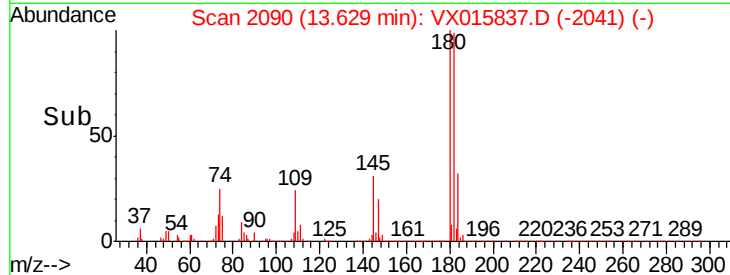
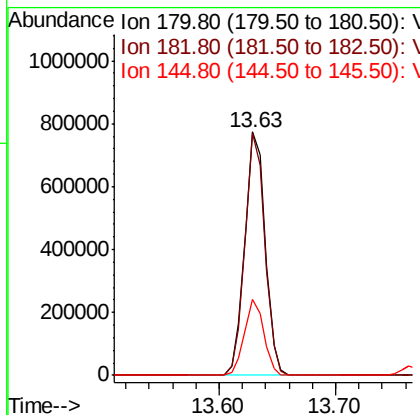
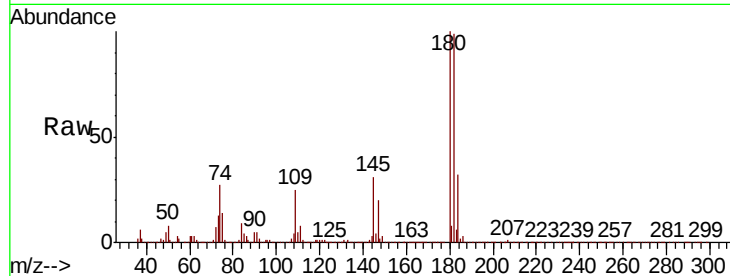




#93
 1,2,4-Trichlorobenzene
 Concen: 55.648 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

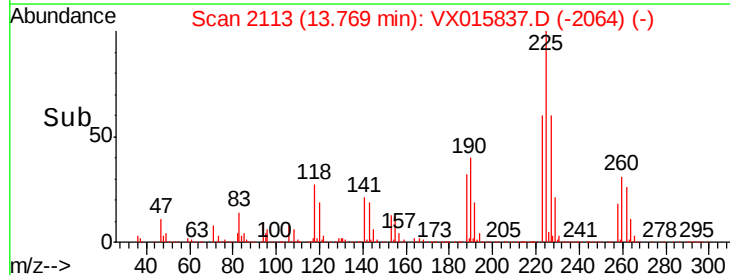
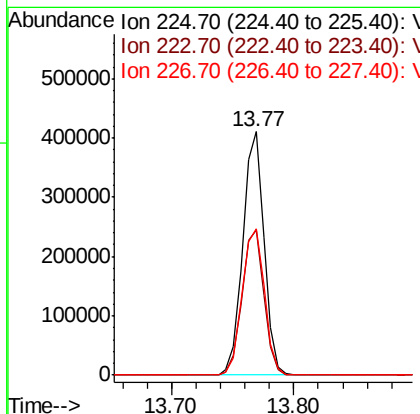
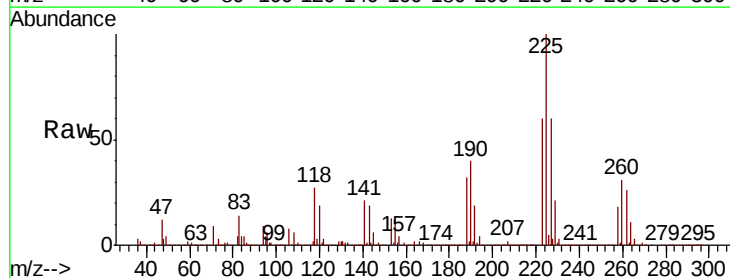
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX042220

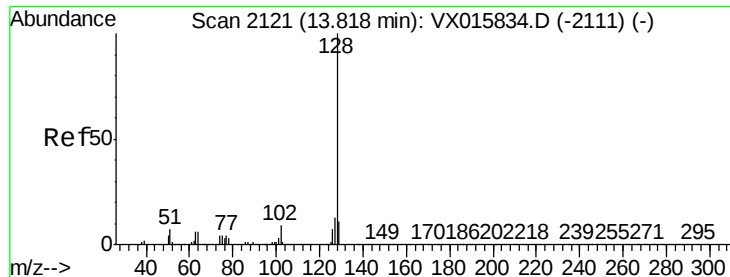
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	47.7	143.1
145	29.7	14.5	43.5



#94
 Hexachlorobutadiene
 Concen: 63.768 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015837.D
 Acq: 22 Apr 2020 13:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	31.3	93.8
227	63.2	32.6	97.8

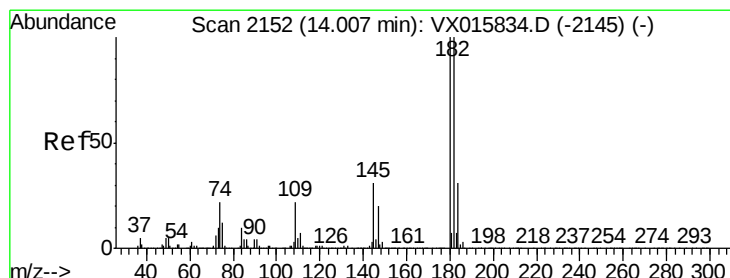
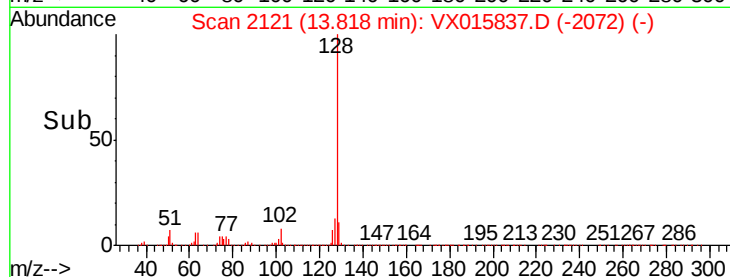
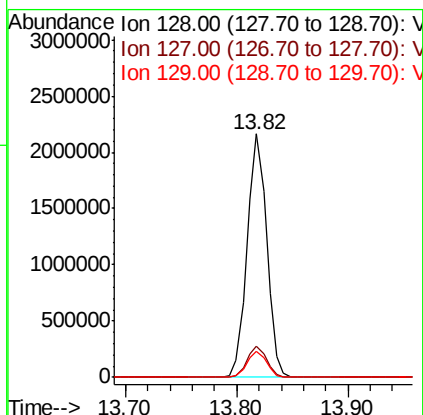
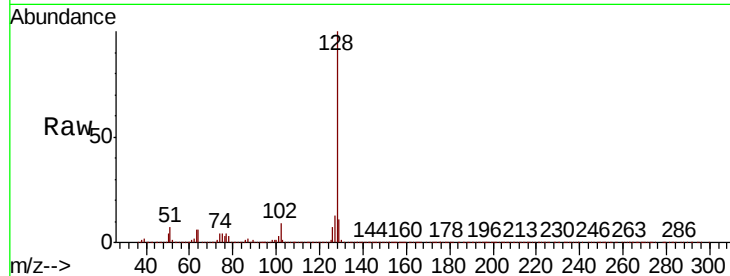




#95
Naphthalene
Concen: 53.536 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Instrument :
MSVOA_X
ClientSampleId :
ICVVX042220

Tot Ion:128 Resp: 2640672
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 54.311 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015837.D
Acq: 22 Apr 2020 13:11

Tgt Ion:180 Resp: 908448
Ion Ratio Lower Upper
180 100
182 95.1 47.9 143.7
145 30.9 15.2 45.5

