

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021020\
 Data File : VX014882.D
 Acq On : 10 Feb 2020 12:22
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX021020

Quant Time: Feb 11 06:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	474747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	706119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	648761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	342156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	241398	45.05	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	90.10%	
35) Dibromofluoromethane	5.48	113	201360	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	8.71	98	772238	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.13	95	275346	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	234531	52.165	ug/l	98
3) Chloromethane	1.32	50	266069	52.199	ug/l	99
4) Vinyl Chloride	1.40	62	270209	49.209	ug/l	99
5) Bromomethane	1.63	94	183186	51.540	ug/l	97
6) Chloroethane	1.72	64	166969	47.523	ug/l	99
7) Trichlorofluoromethane	1.92	101	376252	49.043	ug/l	100
8) Diethyl Ether	2.18	74	149577	47.016	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	215936	48.490	ug/l	99
10) Methyl Iodide	2.50	142	225525	45.827	ug/l	99
11) Tert butyl alcohol	3.03	59	239610	253.285	ug/l	100
12) 1,1-Dichloroethene	2.37	96	212349	48.799	ug/l	94
13) Acrolein	2.28	56	172119	238.718	ug/l	98
14) Allyl chloride	2.72	41	366856	47.550	ug/l	99
15) Acrylonitrile	3.12	53	583649	243.368	ug/l	99
16) Acetone	2.43	43	605592	208.603	ug/l	99
17) Carbon Disulfide	2.56	76	595962	49.017	ug/l	99
18) Methyl Acetate	2.76	43	256823	47.593	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	698368	49.313	ug/l	97
20) Methylene Chloride	2.84	84	233739	45.350	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	226792	47.233	ug/l	99
22) Diisopropyl ether	3.84	45	720304	48.883	ug/l	96
23) Vinyl Acetate	3.80	43	3192043	262.785	ug/l	100
24) 1,1-Dichloroethane	3.69	63	402342	48.380	ug/l	99
25) 2-Butanone	4.65	43	854080	234.146	ug/l	100
26) 2,2-Dichloropropane	4.57	77	350336	48.883	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	258154	48.097	ug/l	100
28) Bromochloromethane	5.00	49	159239	49.400	ug/l	99
29) Tetrahydrofuran	5.11	42	516881	249.272	ug/l	100
30) Chloroform	5.20	83	399187	48.380	ug/l	99
31) Cyclohexane	5.57	56	369445	48.775	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	352886	48.893	ug/l	99
36) 1,1-Dichloropropene	5.79	75	307476	48.679	ug/l	99
37) Ethyl Acetate	4.81	43	322285	48.920	ug/l	100
38) Carbon Tetrachloride	5.77	117	309166	50.225	ug/l	100

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Quant Time: Feb 11 06:41:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	389288	49.279	ug/l	99
40) Benzene	6.13	78	914123	48.437	ug/l	99
41) Methacrylonitrile	5.02	41	180466	50.849	ug/l	98
42) 1,2-Dichloroethane	6.18	62	329292	48.276	ug/l	99
43) Isopropyl Acetate	6.43	43	543862	50.044	ug/l	99
44) Trichloroethene	7.20	130	260323	47.516	ug/l	99
45) 1,2-Dichloropropane	7.50	63	235262	48.880	ug/l	100
46) Dibromomethane	7.65	93	157902	47.995	ug/l	99
47) Bromodichloromethane	7.89	83	316551	48.526	ug/l	99
48) Methyl methacrylate	7.76	41	271467	50.757	ug/l	100
49) 1,4-Dioxane	7.73	88	104546	1045.487	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1652362	251.802	ug/l	100
52) Toluene	8.78	92	586319	48.915	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	357632	50.024	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	389538	49.322	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	232927	48.030	ug/l	97
56) Ethyl methacrylate	9.17	69	377798	51.829	ug/l	99
57) 1,3-Dichloropropane	9.36	76	389461	47.708	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	943550	247.509	ug/l	100
59) 2-Hexanone	9.48	43	1270406	246.301	ug/l	99
60) Dibromochloromethane	9.57	129	258096	49.454	ug/l	96
61) 1,2-Dibromoethane	9.67	107	249810	47.741	ug/l	99
64) Tetrachloroethene	9.33	164	258146	42.559	ug/l	98
65) Chlorobenzene	10.13	112	640596	48.683	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	238769	49.981	ug/l	100
67) Ethyl Benzene	10.25	91	1129268	50.462	ug/l	98
68) m/p-Xylenes	10.35	106	870791	101.008	ug/l	98
69) o-Xylene	10.70	106	420023	50.684	ug/l	99
70) Styrene	10.71	104	714384	50.956	ug/l	100
71) Bromoform	10.85	173	205362	51.502	ug/l #	100
73) Isopropylbenzene	11.01	105	1115714	51.998	ug/l	100
74) N-amyl acetate	10.89	43	485194	54.422	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	355567	50.693	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	414646	67.016	ug/l	93
77) Bromobenzene	11.25	156	295524	49.345	ug/l	98
78) n-propylbenzene	11.35	91	1280268	51.588	ug/l	100
79) 2-Chlorotoluene	11.42	91	735416	50.406	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	937716	52.303	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	124119	51.348	ug/l	98
82) 4-Chlorotoluene	11.51	91	866269	50.138	ug/l	100
83) tert-Butylbenzene	11.76	119	912437	53.744	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	946062	52.362	ug/l	100
85) sec-Butylbenzene	11.94	105	1087094	51.543	ug/l	100
86) p-Isopropyltoluene	12.06	119	1018420	51.601	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	535928	49.882	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	533844	48.657	ug/l	99
89) n-Butylbenzene	12.39	91	890441	50.375	ug/l	99
90) Hexachloroethane	12.59	117	179077	51.956	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	523469	49.683	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	78778	47.874	ug/l	99

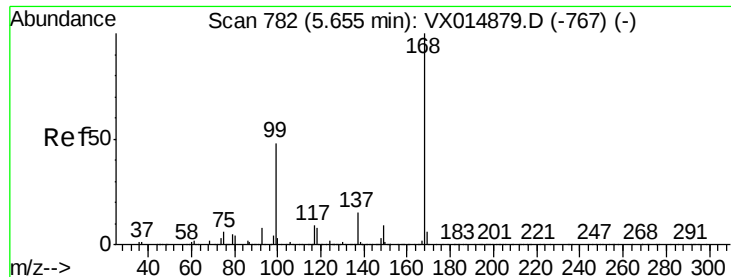
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021020\
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	387234	49.793	ug/l	97
94) Hexachlorobutadiene	13.78	225	190310	50.594	ug/l	99
95) Naphthalene	13.83	128	1099927	53.195	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372965	49.639	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

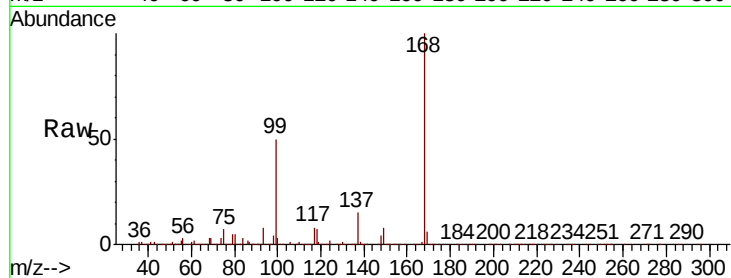
ICVVX021020

Tot Ion:168 Resp: 474747

Ion Ratio Lower Upper

168 100

99 50.3 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

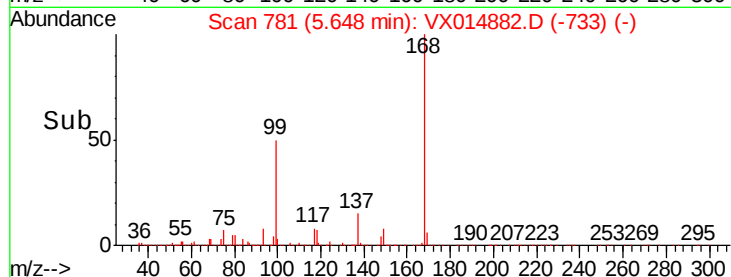
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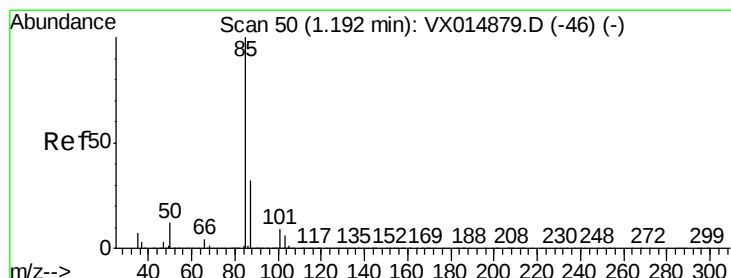
50000

0

5.50 5.60 5.70



Time-->



#2

Dichlorodifluoromethane

Concen: 52.165 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014882.D

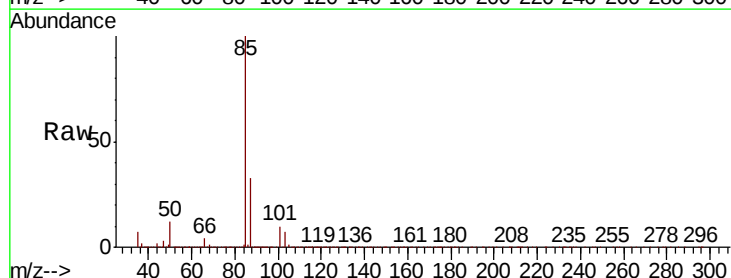
Acq: 10 Feb 2020 12:22

Tgt Ion: 85 Resp: 234531

Ion Ratio Lower Upper

85 100

87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

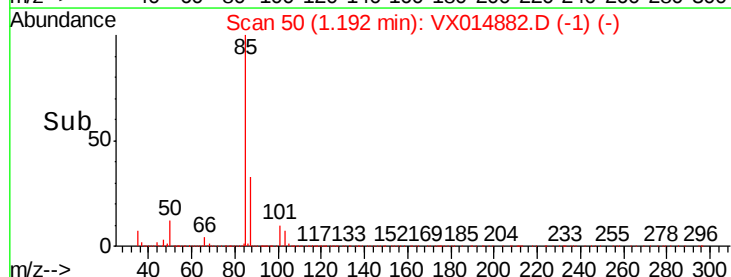
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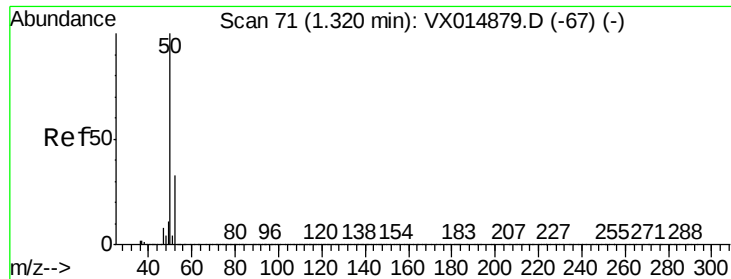
50000

0

1.10 1.15 1.20 1.25 1.30



Time-->



#3

Chloromethane

Concen: 52.199 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

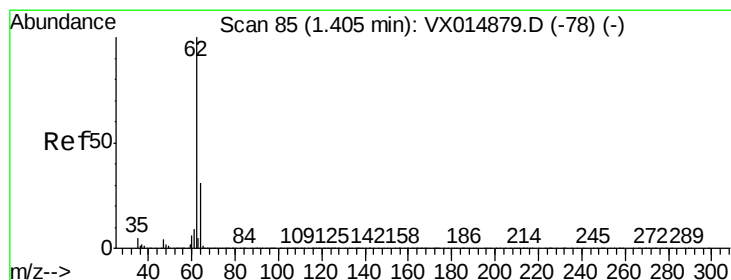
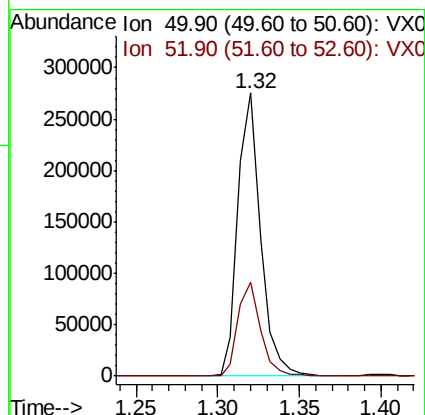
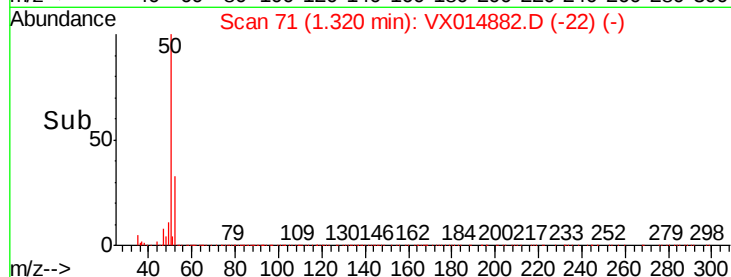
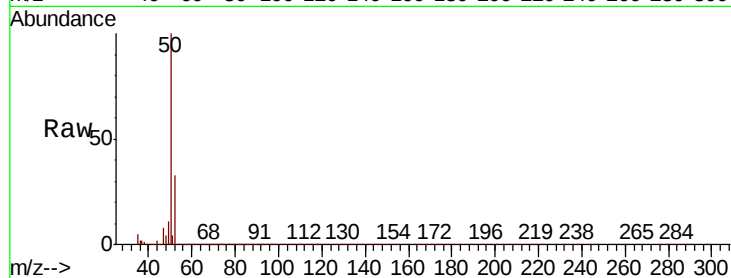
ICVVX021020

Tot Ion: 50 Resp: 266069

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 49.209 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX014882.D

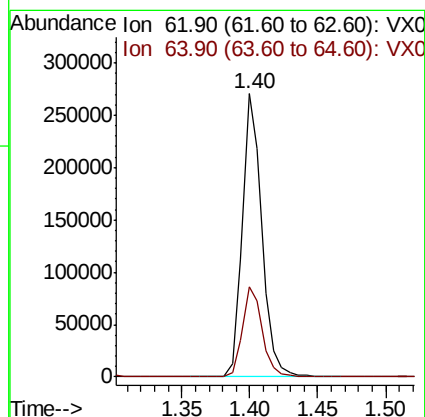
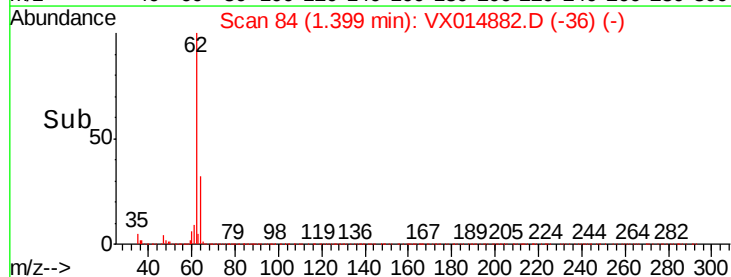
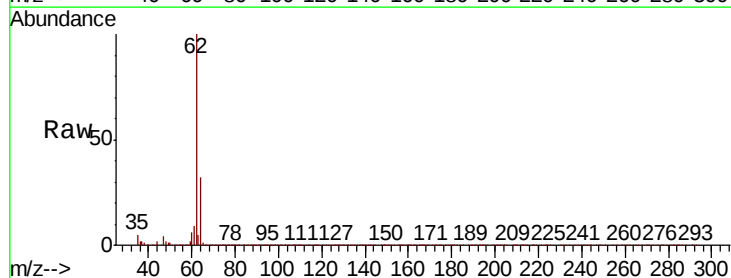
Acq: 10 Feb 2020 12:22

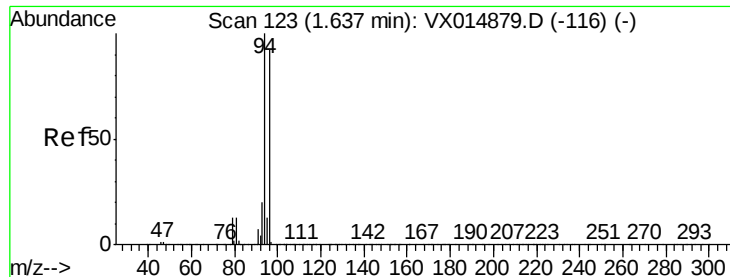
Tgt Ion: 62 Resp: 270209

Ion Ratio Lower Upper

62 100

64 31.6 24.8 37.2





#5

Bromomethane

Concen: 51.540 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

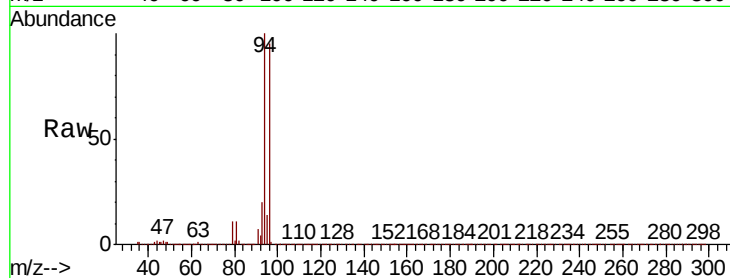
ICVVX021020

Tot Ion: 94 Resp: 183186

Ion Ratio Lower Upper

94 100

96 95.0 73.7 110.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

200000

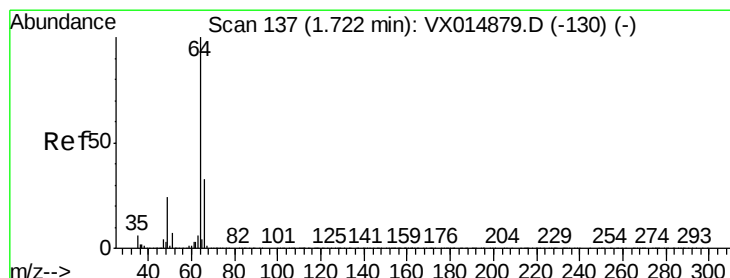
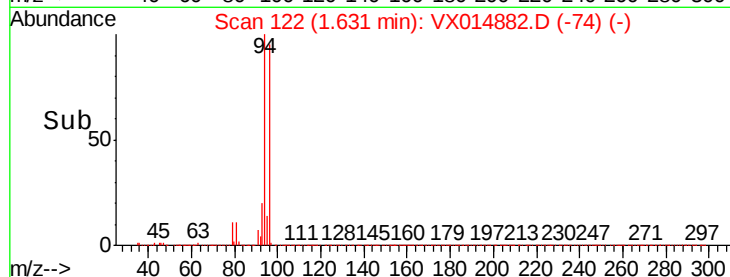
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.523 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014882.D

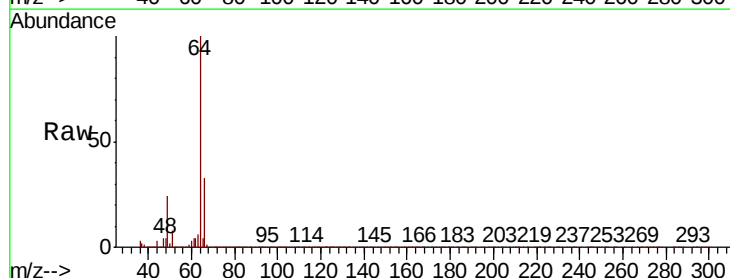
Acq: 10 Feb 2020 12:22

Tgt Ion: 64 Resp: 166969

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

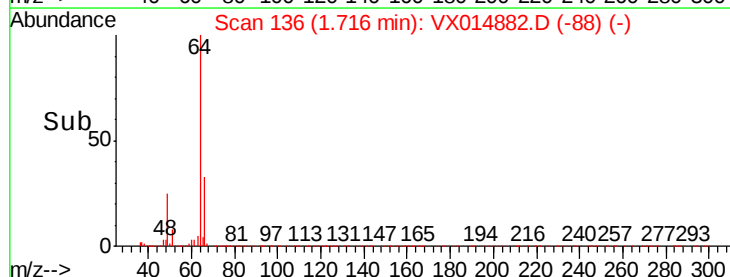
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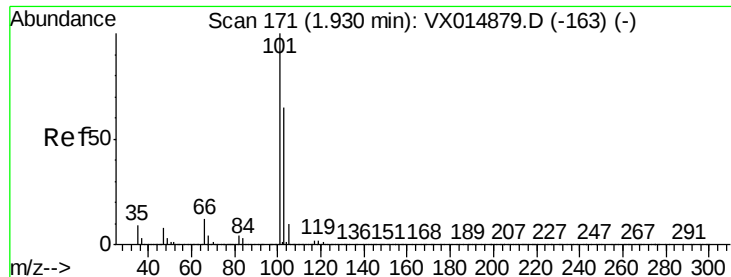
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Time-->



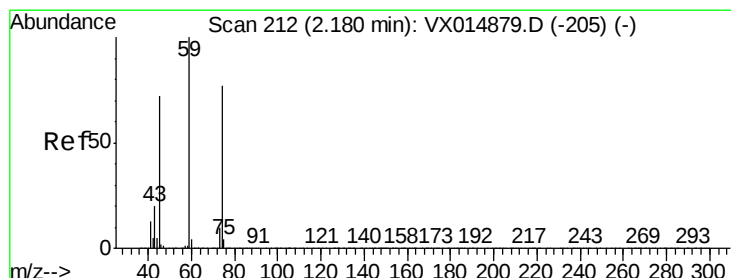
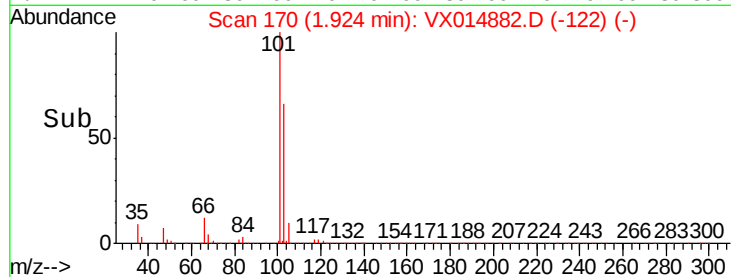
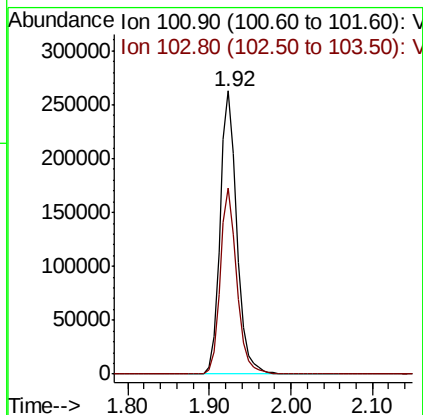
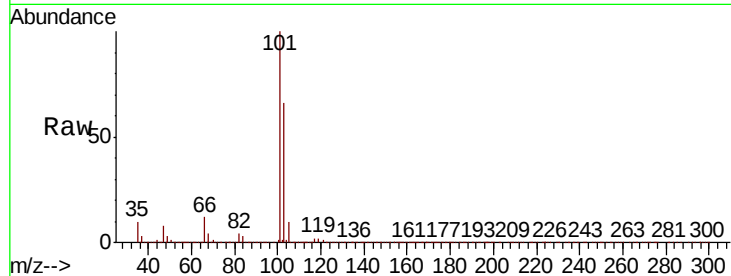


#7

Trichlorofluoromethane
Concen: 49.043 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

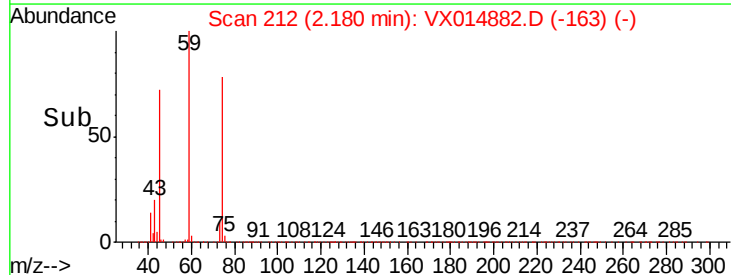
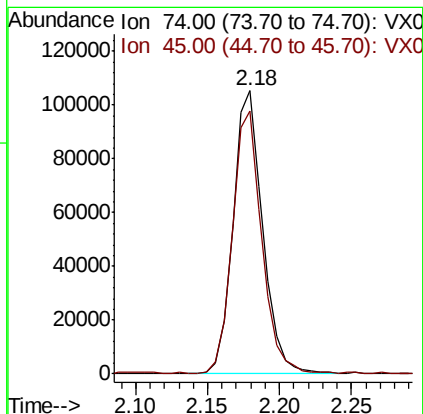
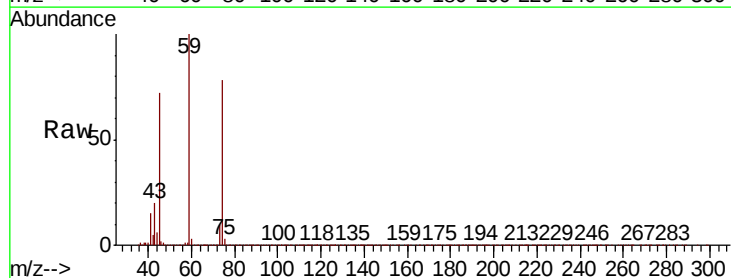
Tot Ion:101 Resp: 376252
Ion Ratio Lower Upper
101 100
103 65.6 52.2 78.4

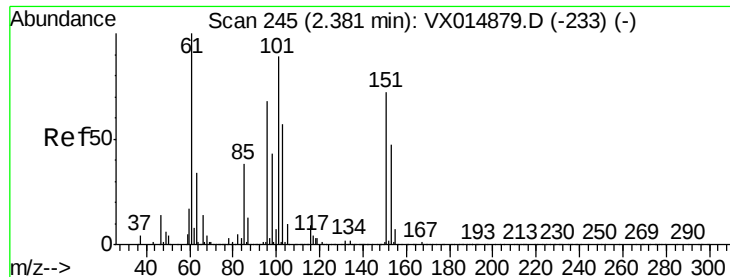


#8

Diethyl Ether
Concen: 47.016 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 74 Resp: 149577
Ion Ratio Lower Upper
74 100
45 92.5 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.490 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX021020

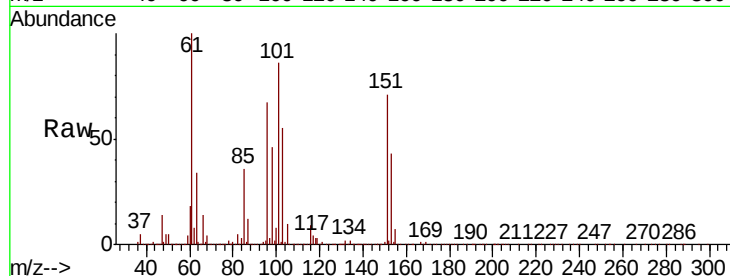
Tot Ion:101 Resp: 215936

Ion Ratio Lower Upper

101 100

85 42.9 34.1 51.1

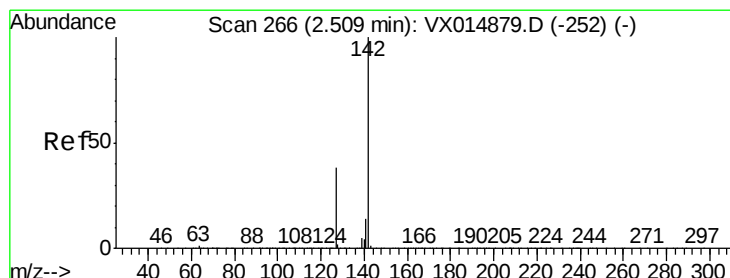
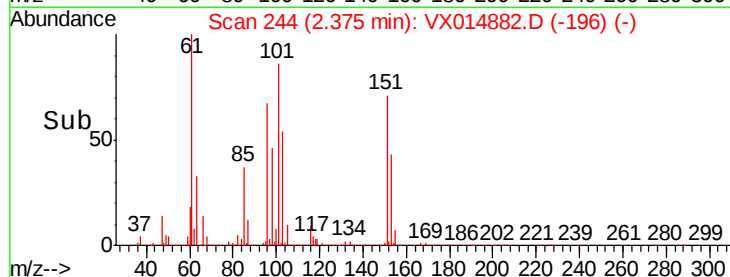
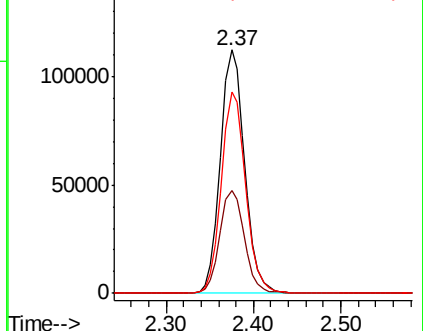
151 83.2 67.3 100.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.827 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

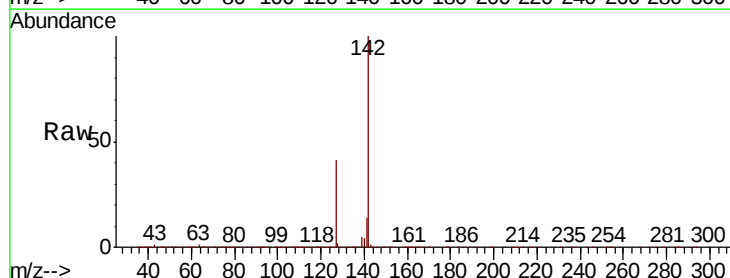
Tgt Ion:142 Resp: 225525

Ion Ratio Lower Upper

142 100

127 39.7 31.1 46.7

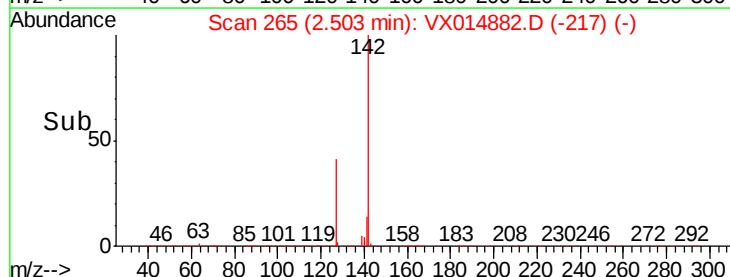
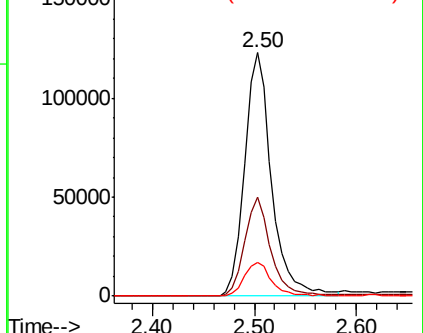
141 13.9 11.3 16.9

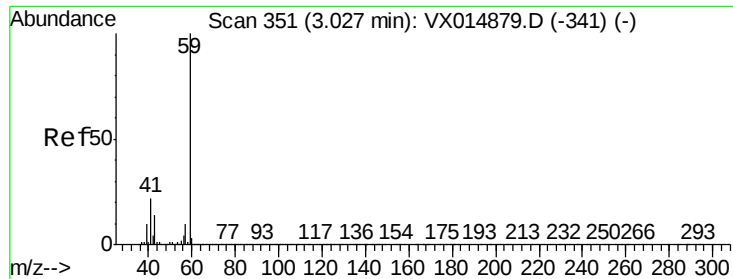


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



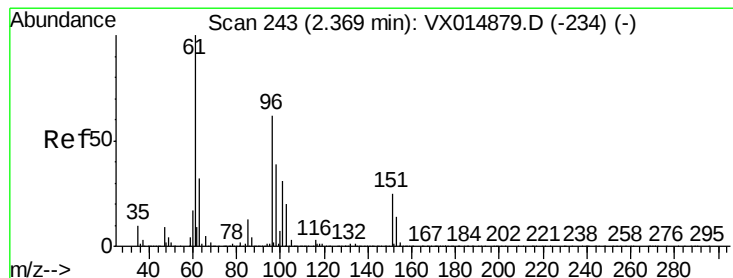
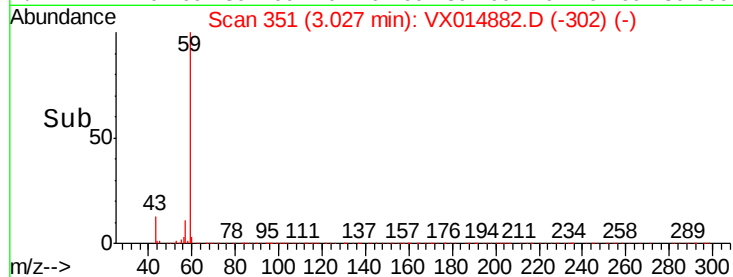
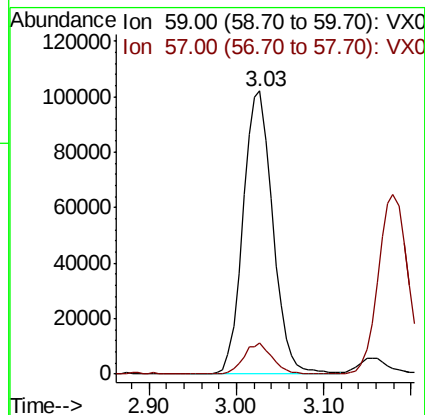
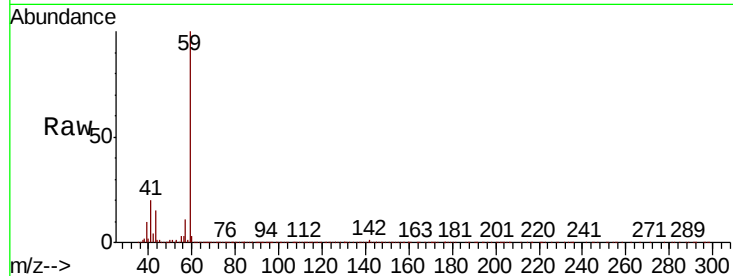


#11

Tert butyl alcohol
Concen: 253.285 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

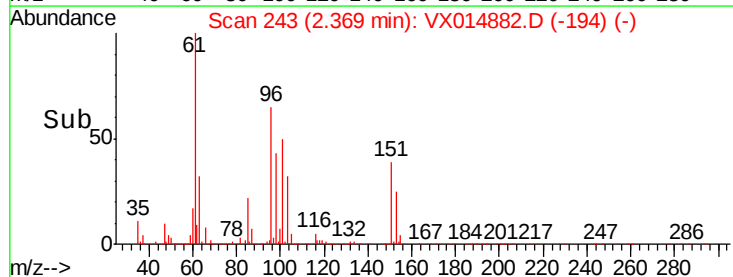
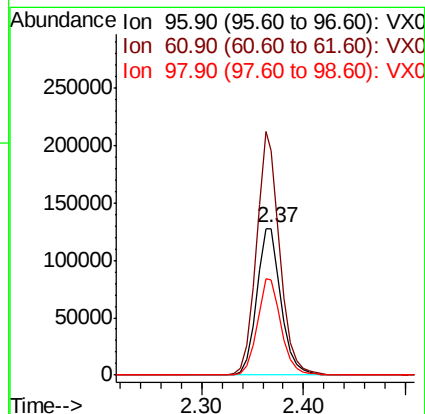
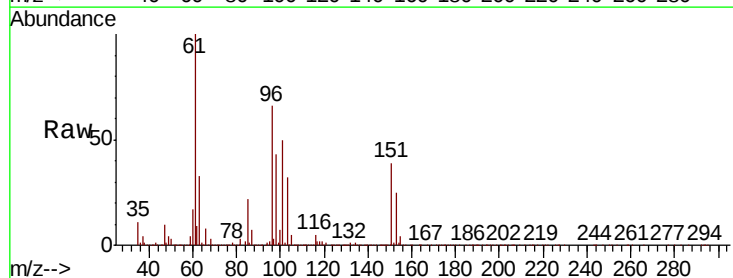
Tot Ion: 59 Resp: 239610
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

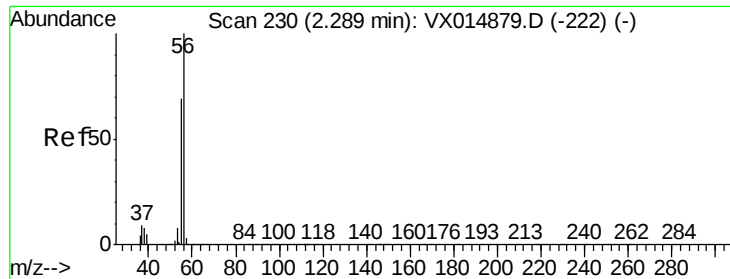


#12

1,1-Dichloroethene
Concen: 48.799 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 96 Resp: 212349
Ion Ratio Lower Upper
96 100
61 152.4 129.5 194.3
98 65.1 50.6 76.0

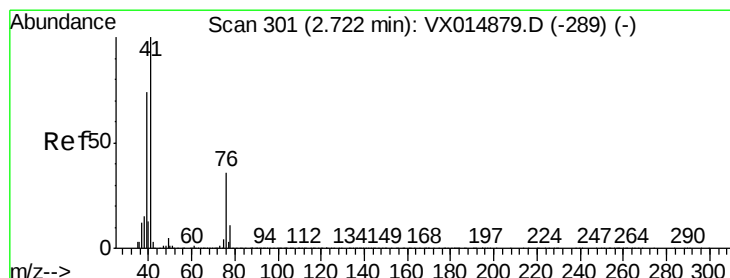
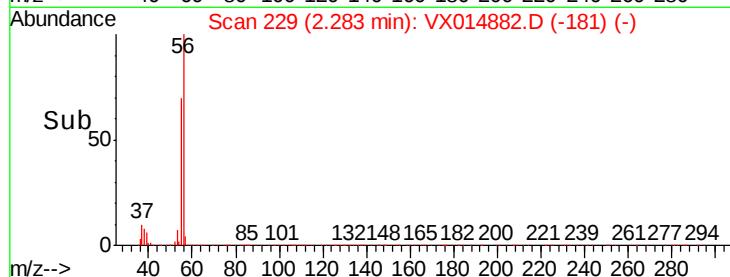
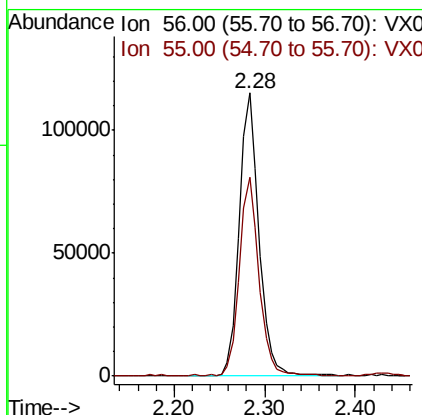
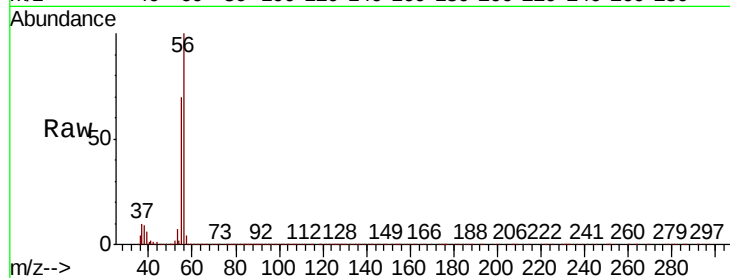




#13
Acrolein
Concen: 238.718 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

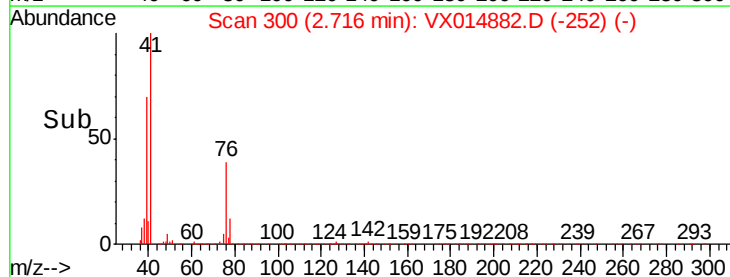
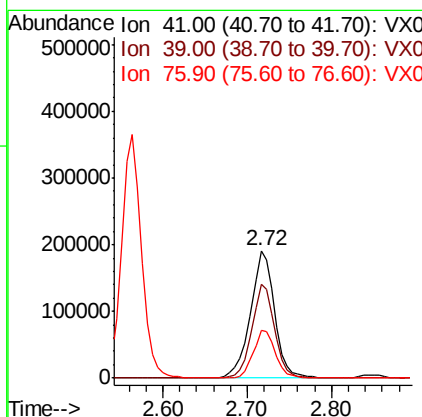
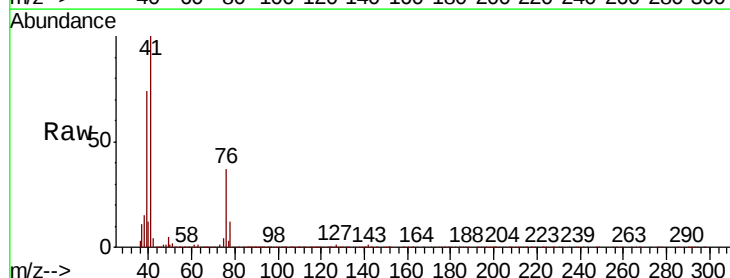
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

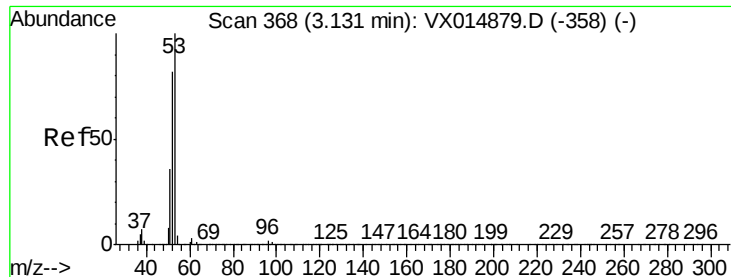
Tot Ion: 56 Resp: 172119
Ion Ratio Lower Upper
56 100
55 70.4 55.0 82.4



#14
Allyl chloride
Concen: 47.550 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 41 Resp: 366856
Ion Ratio Lower Upper
41 100
39 68.9 55.2 82.8
76 34.4 26.8 40.2





#15

Acrylonitrile

Concen: 243.368 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

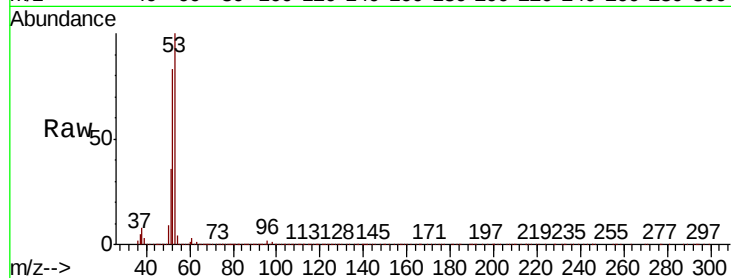
Tot Ion: 53 Resp: 583649

Ion Ratio Lower Upper

53 100

52 83.1 65.8 98.6

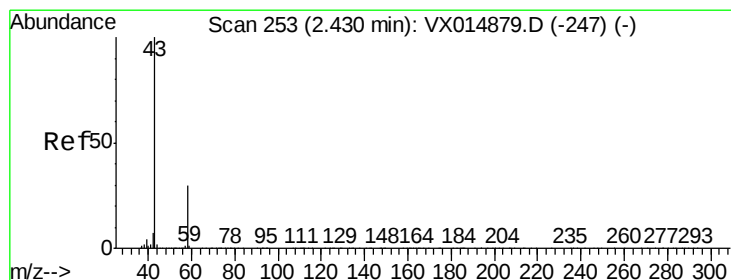
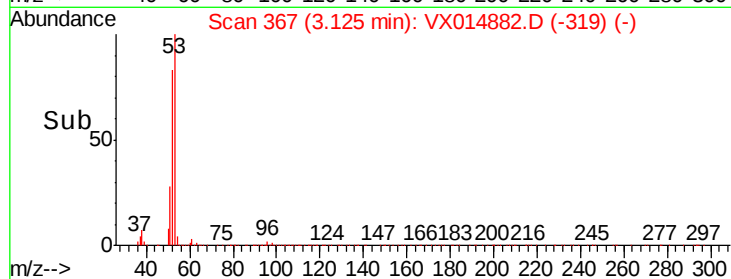
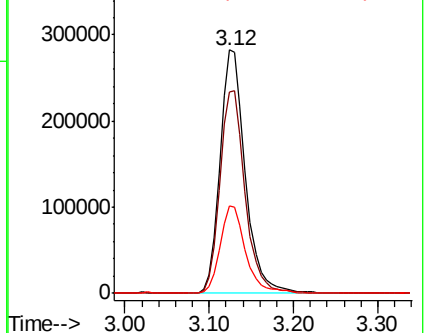
51 36.0 29.1 43.7



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: 208.603 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014882.D

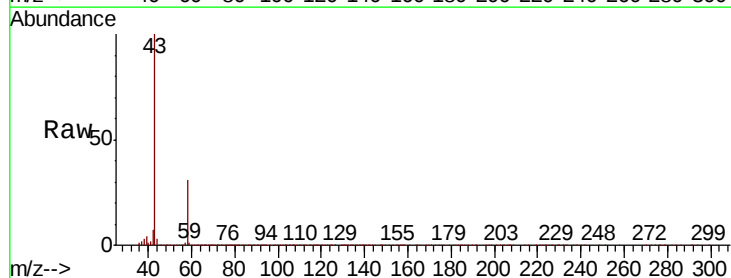
Acq: 10 Feb 2020 12:22

Tgt Ion: 43 Resp: 605592

Ion Ratio Lower Upper

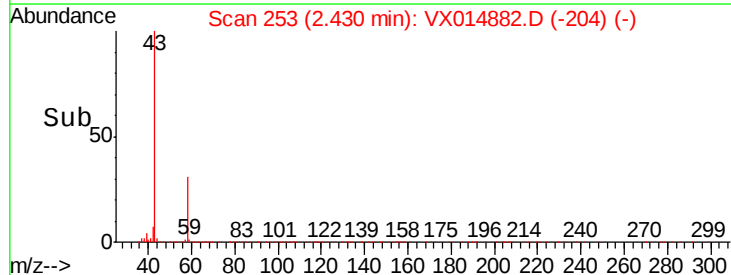
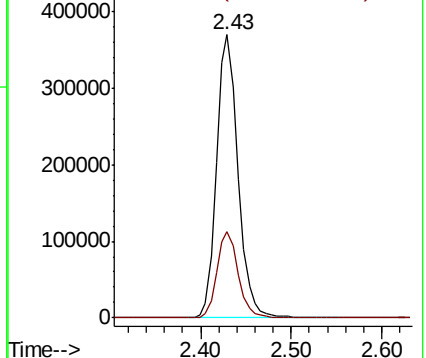
43 100

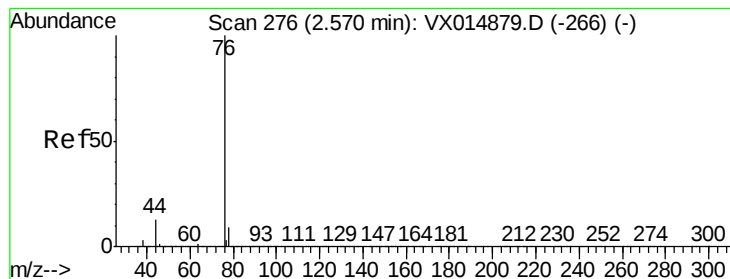
58 30.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.017 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

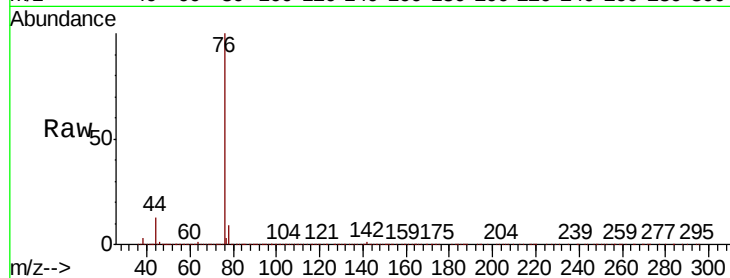
ICVVX021020

Tot Ion: 76 Resp: 595962

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

400000

300000

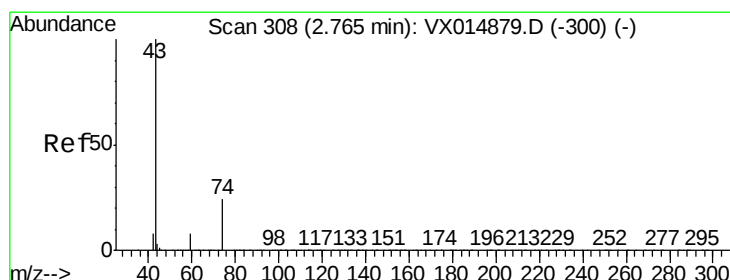
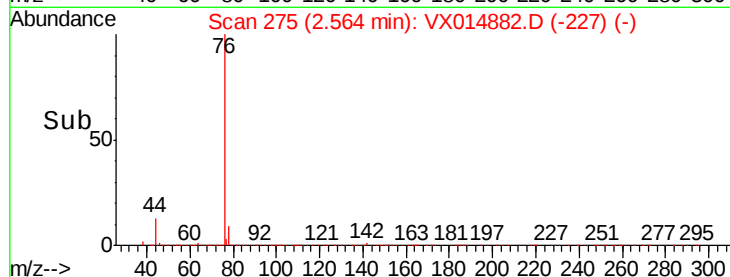
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 47.593 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014882.D

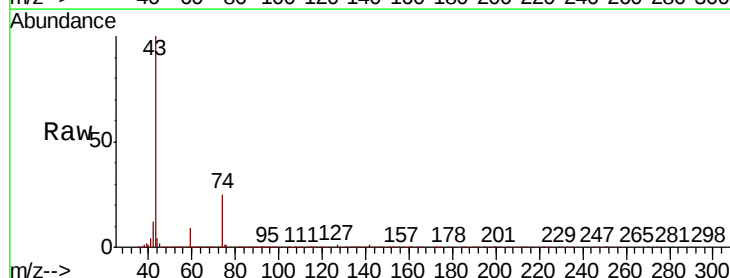
Acq: 10 Feb 2020 12:22

Tgt Ion: 43 Resp: 256823

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

150000

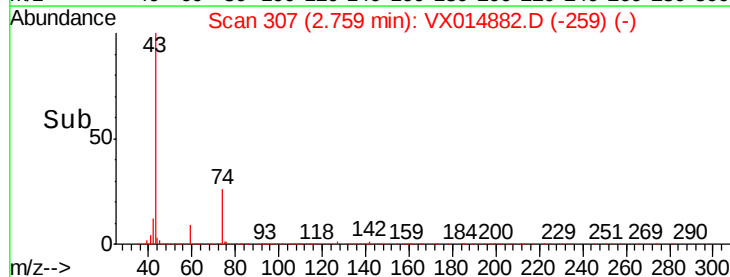
100000

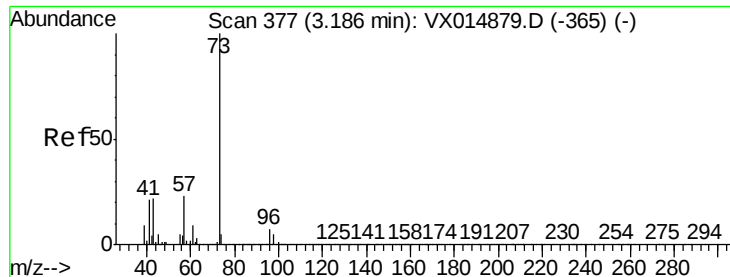
50000

0

Time-->

2.70 2.75 2.80 2.85



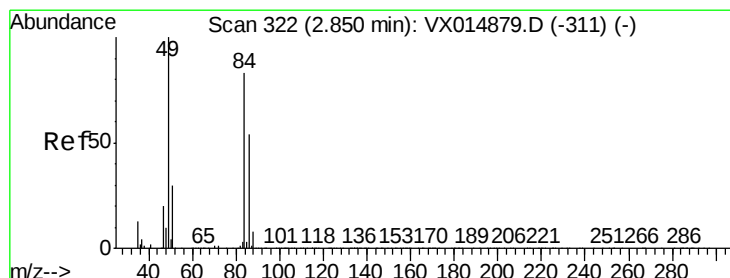
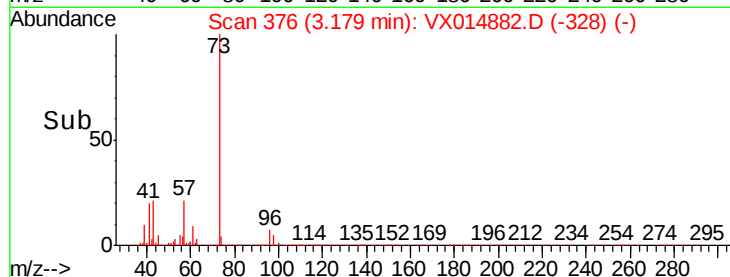
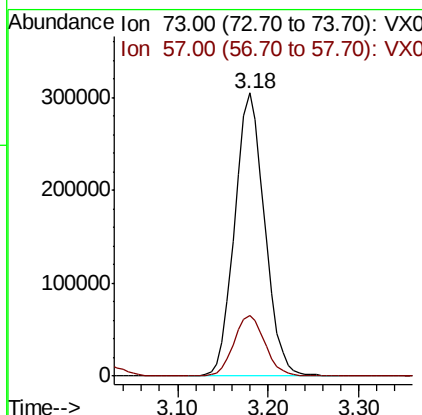
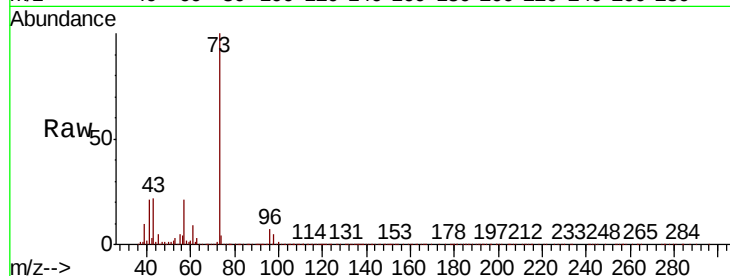


#19

Methyl tert-butyl Ether
 Concen: 49.313 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

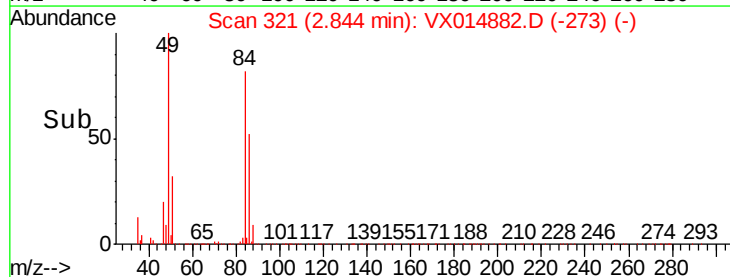
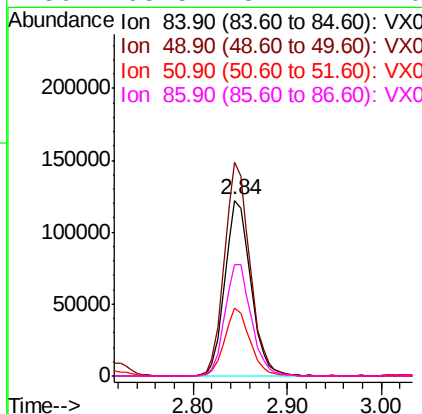
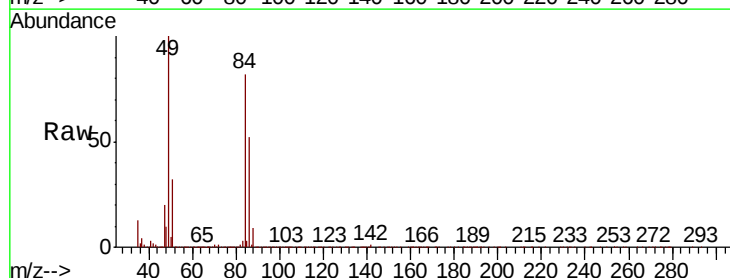
Tot Ion: 73 Resp: 698368
 Ion Ratio Lower Upper
 73 100
 57 21.2 18.2 27.4

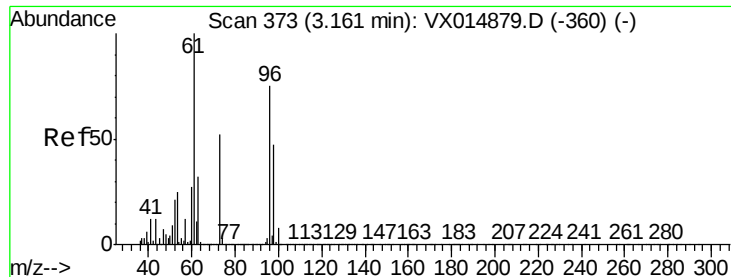


#20

Methylene Chloride
 Concen: 45.350 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion: 84 Resp: 233739
 Ion Ratio Lower Upper
 84 100
 49 121.4 95.6 143.4
 51 38.3 29.0 43.6
 86 63.5 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 47.233 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

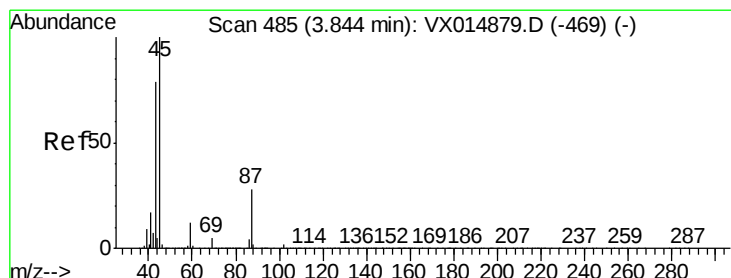
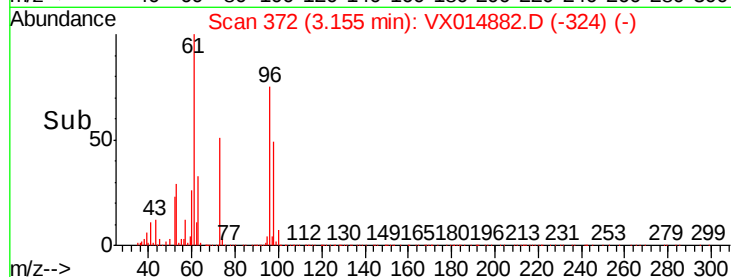
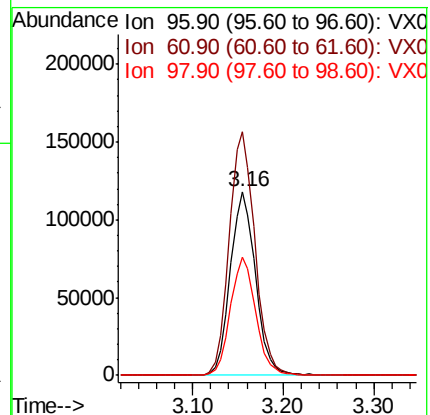
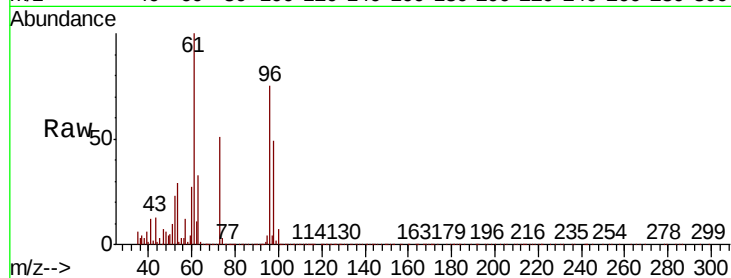
Tot Ion: 96 Resp: 226792

Ion Ratio Lower Upper

96 100

61 132.5 106.9 160.3

98 64.4 50.7 76.1



#22

Diisopropyl ether

Concen: 48.883 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion: 45 Resp: 720304

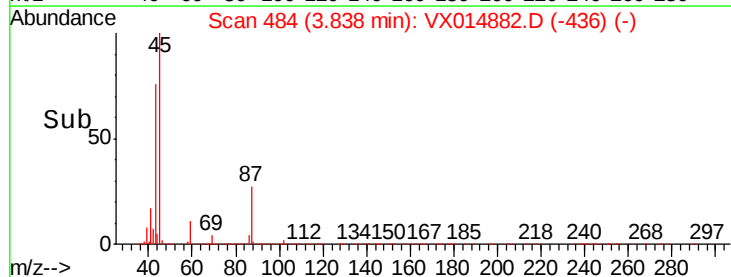
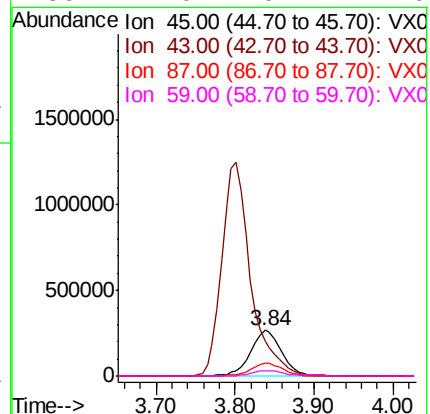
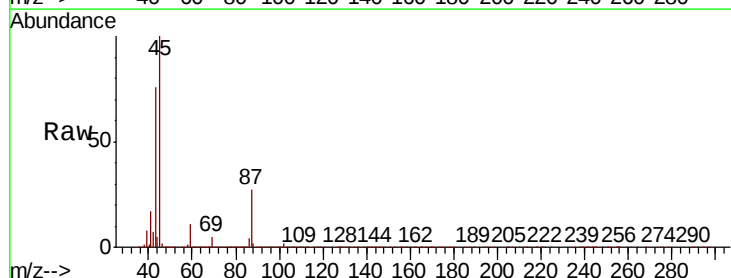
Ion Ratio Lower Upper

45 100

43 75.6 63.5 95.3

87 26.7 22.2 33.4

59 11.0 9.4 14.0





#23

Vinyl Acetate

Concen: 262.785 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

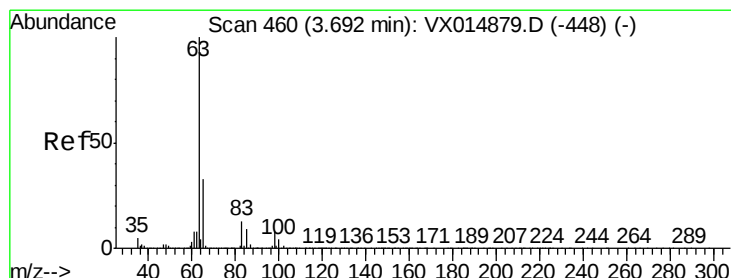
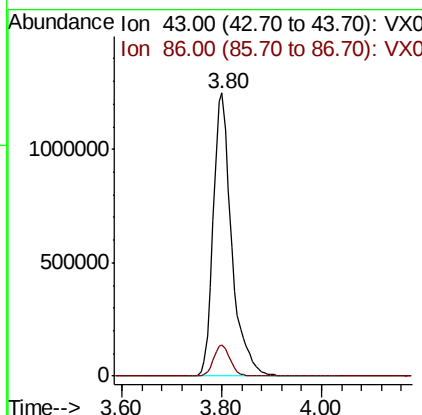
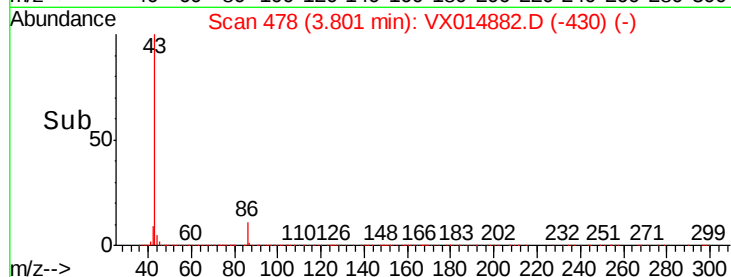
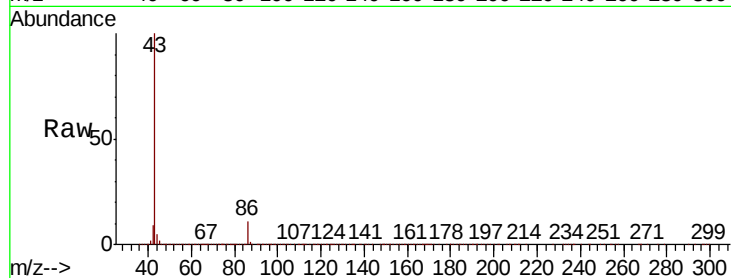
ICVVX021020

Tot Ion: 43 Resp: 3192043

Ion Ratio Lower Upper

43 100

86 11.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 48.380 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

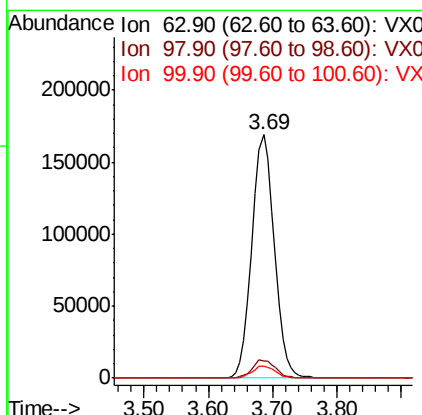
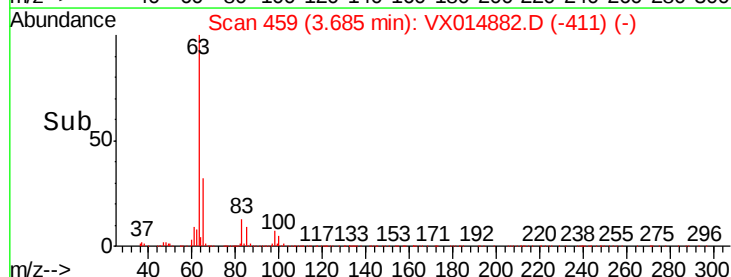
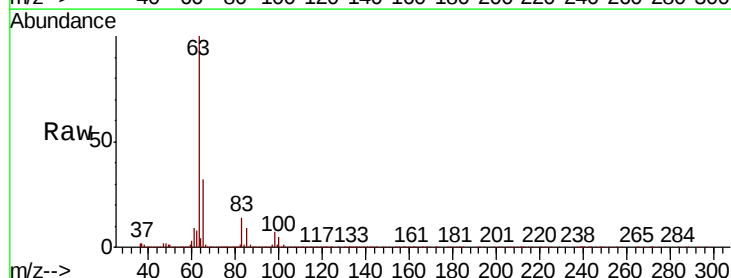
Tgt Ion: 63 Resp: 402342

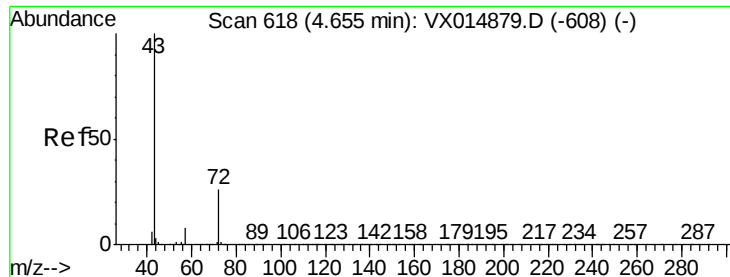
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.6 2.2 6.6





#25

2-Butanone

Concen: 234.146 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

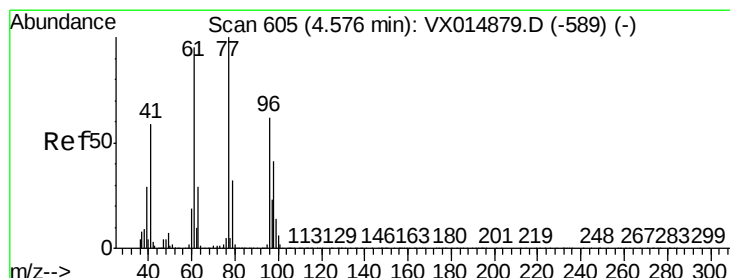
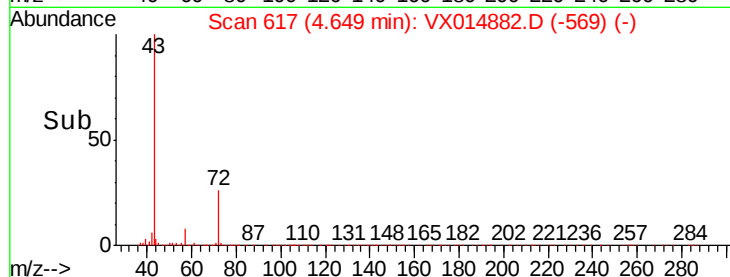
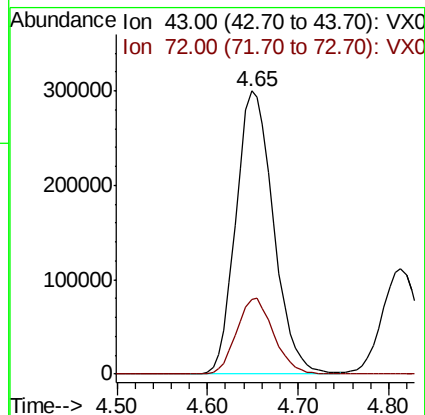
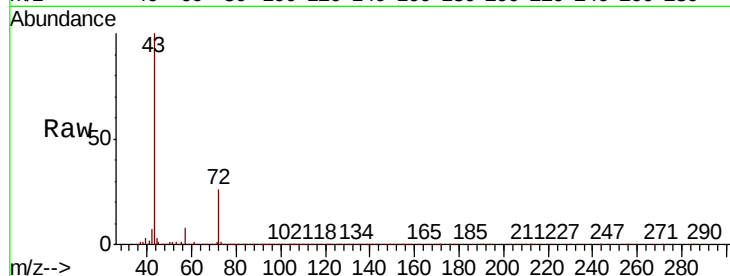
ICVVX021020

Tot Ion: 43 Resp: 854080

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.6



#26

2,2-Dichloropropane

Concen: 48.883 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014882.D

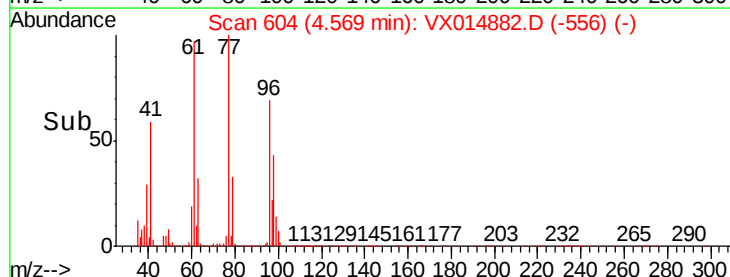
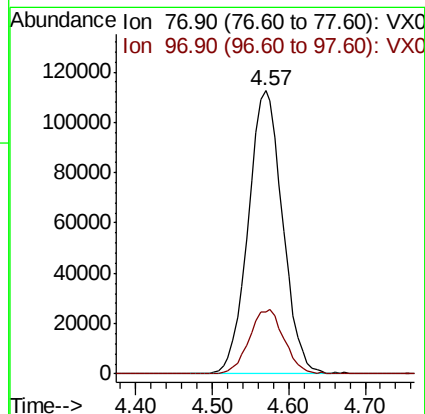
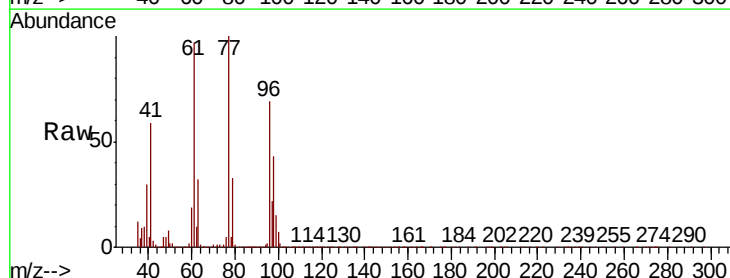
Acq: 10 Feb 2020 12:22

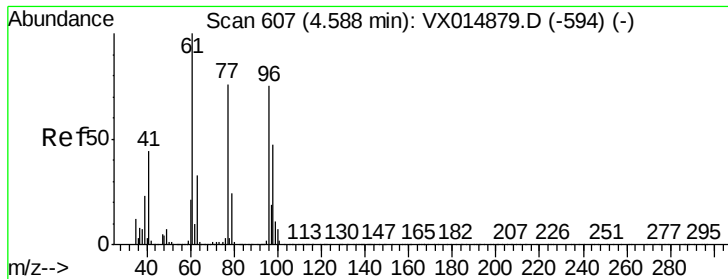
Tgt Ion: 77 Resp: 350336

Ion Ratio Lower Upper

77 100

97 23.3 11.9 35.5



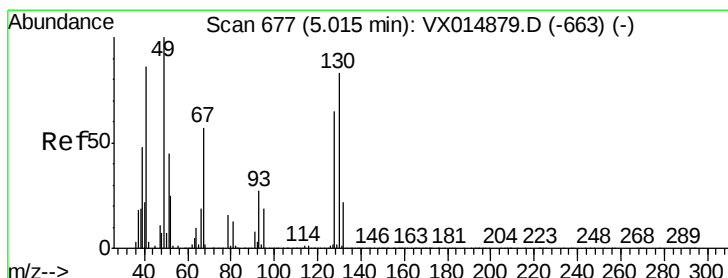
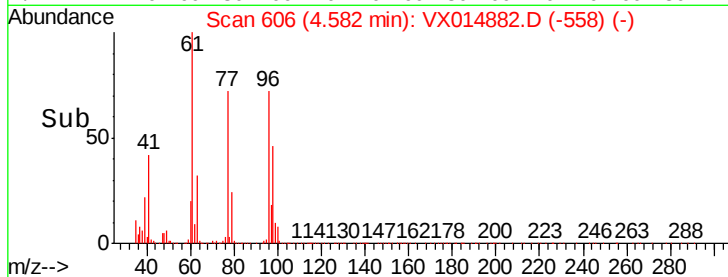
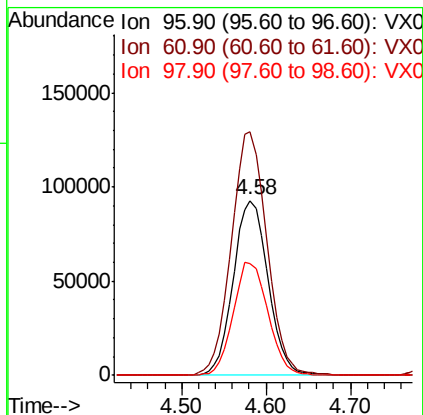
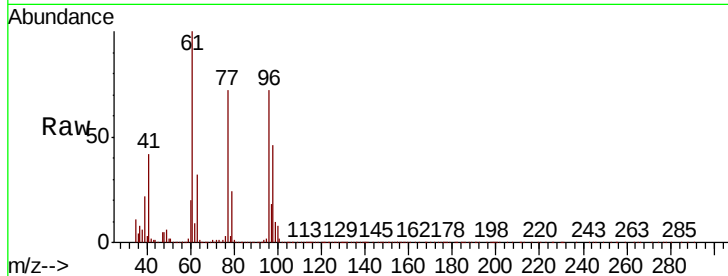


#27

cis-1,2-Dichloroethene
Concen: 48.097 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

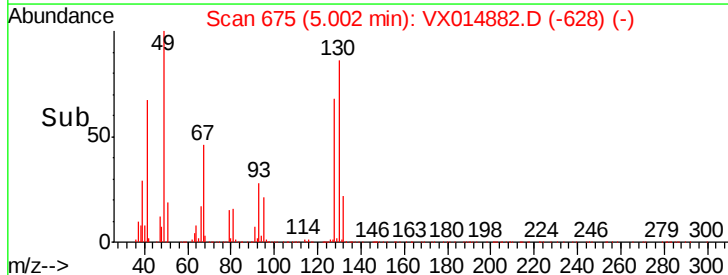
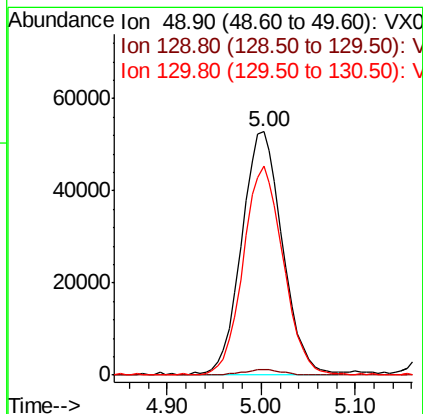
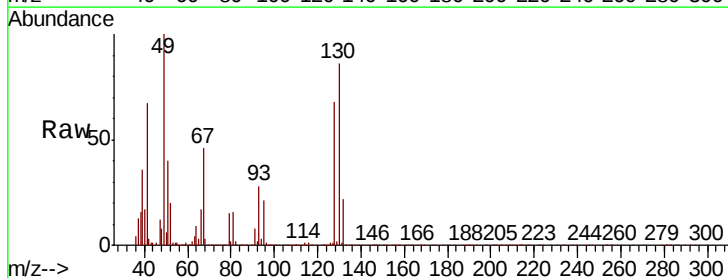
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	286.2
98	65.2	0.0	131.0

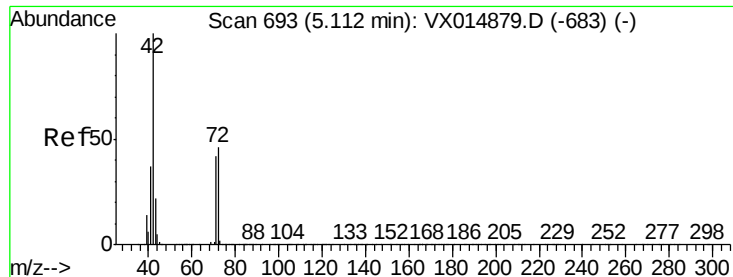


#28

Bromochloromethane
Concen: 49.400 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	85.1	67.4	101.2

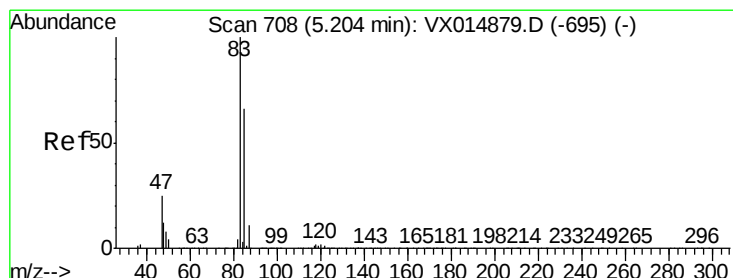
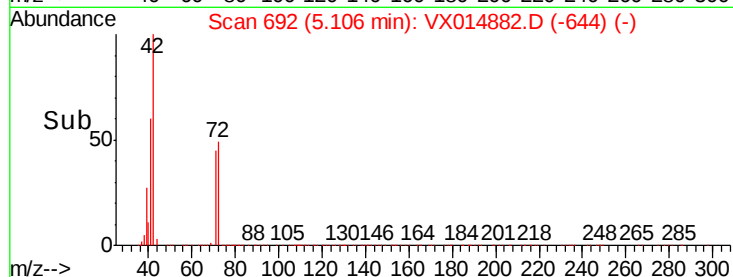
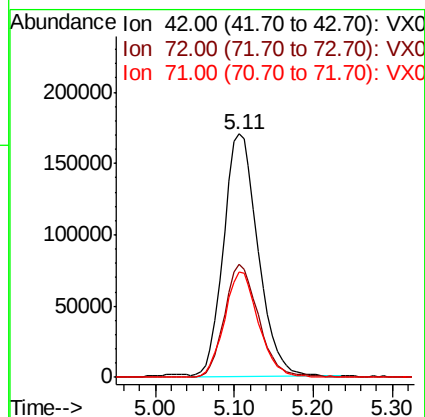
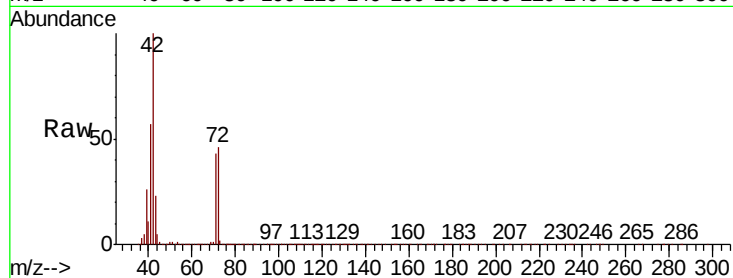




#29
Tetrahydrofuran
Concen: 249.272 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

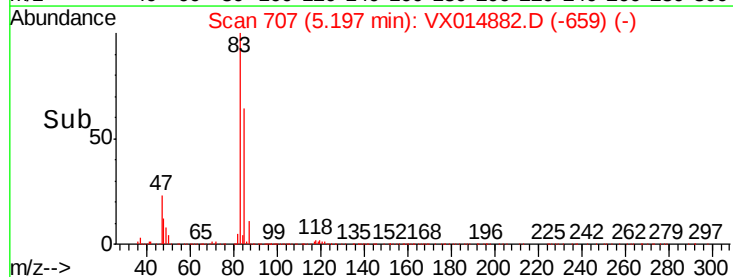
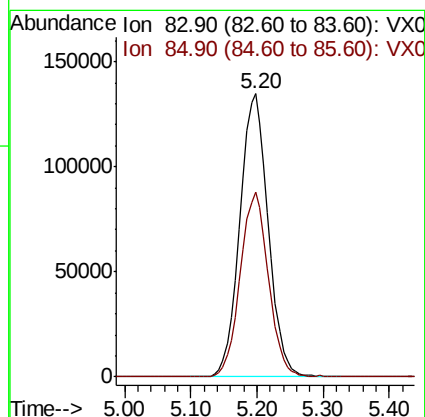
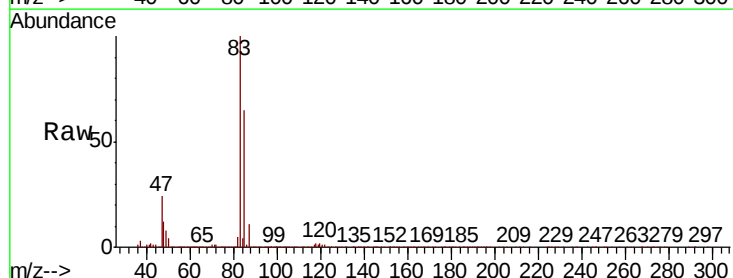
Instrument :
MSVOA_X
ClientSampleId :
ICVVO21020

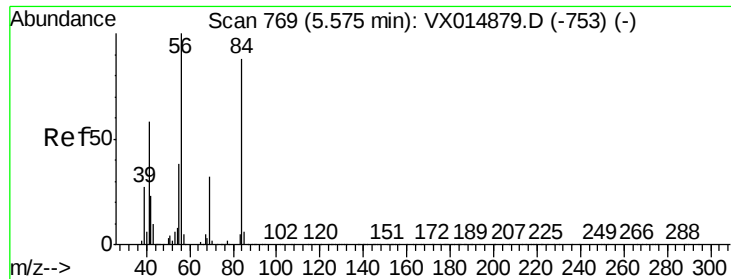
Tot Ion: 42 Resp: 516881
Ion Ratio Lower Upper
42 100
72 46.2 36.9 55.3
71 43.0 34.1 51.1



#30
Chloroform
Concen: 48.380 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 83 Resp: 399187
Ion Ratio Lower Upper
83 100
85 65.1 52.9 79.3

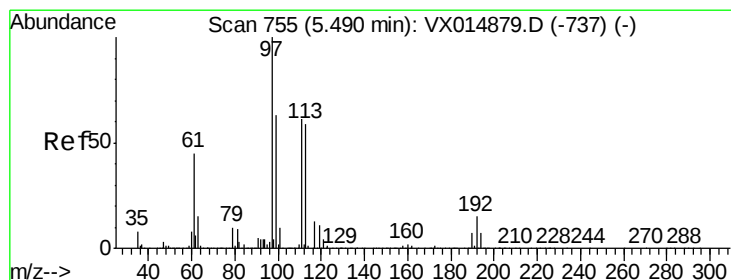
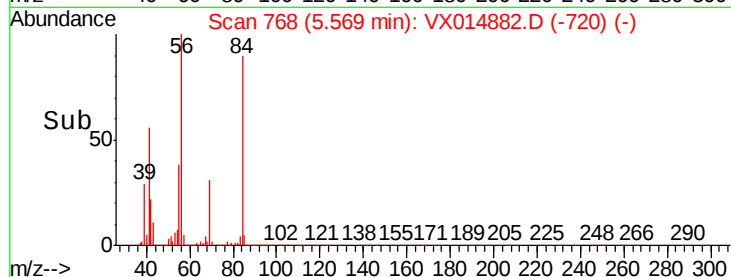
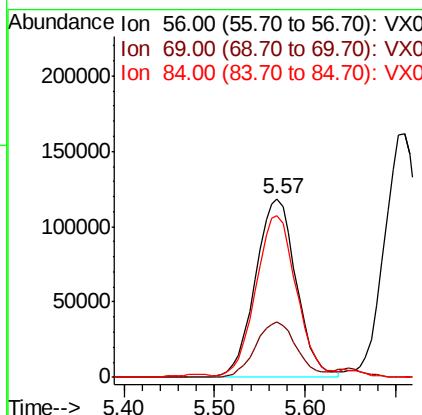
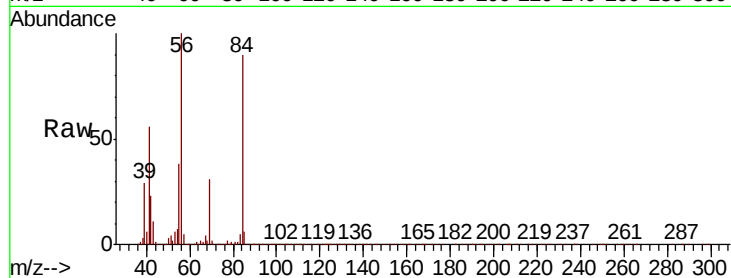




#31
Cyclohexane
Concen: 48.775 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

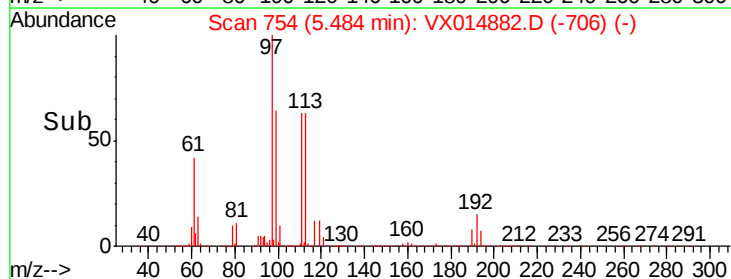
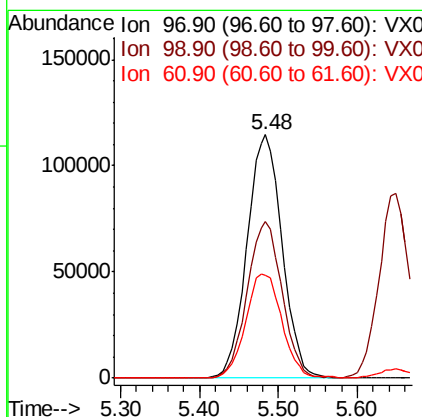
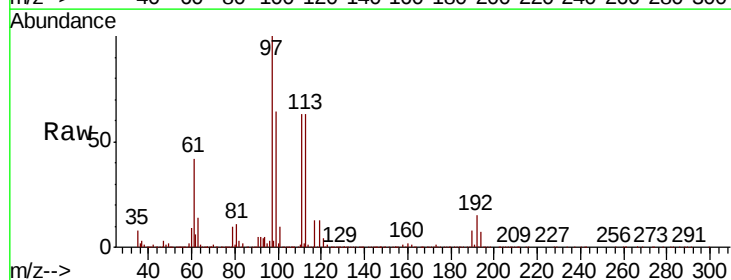
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

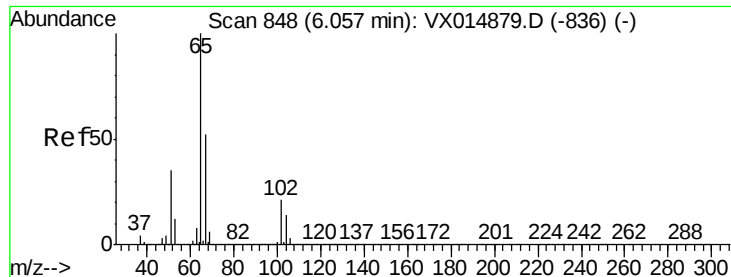
Tot Ion: 56 Resp: 369445
Ion Ratio Lower Upper
56 100
69 31.0 25.9 38.9
84 89.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 48.893 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 97 Resp: 352886
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 44.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 45.055 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

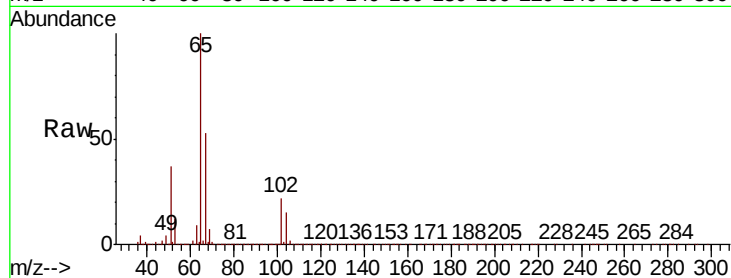
ICVVX021020

Tot Ion: 65 Resp: 241398

Ion Ratio Lower Upper

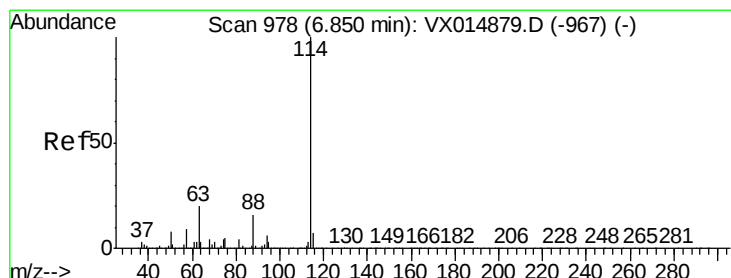
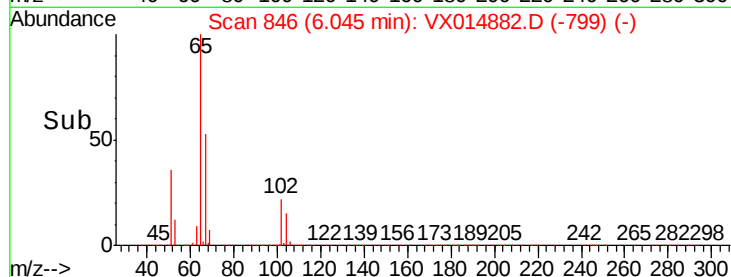
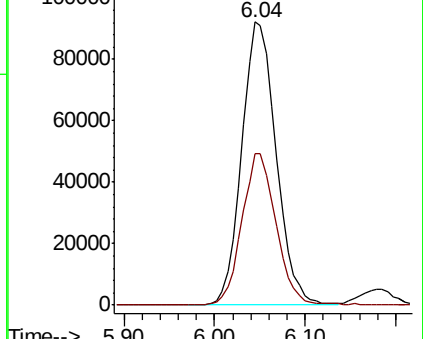
65 100

67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

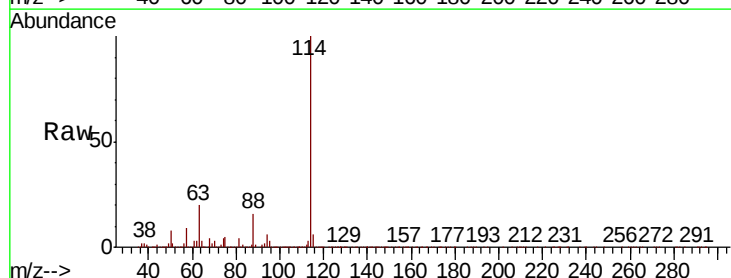
Tgt Ion: 114 Resp: 706119

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.2

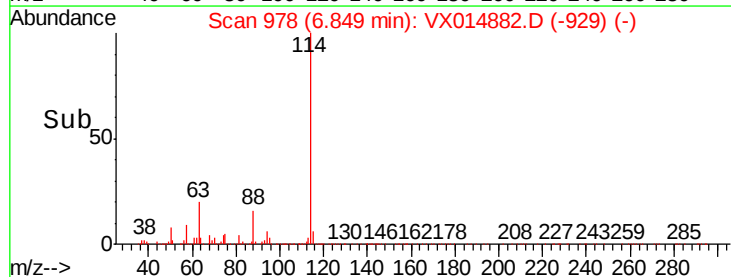
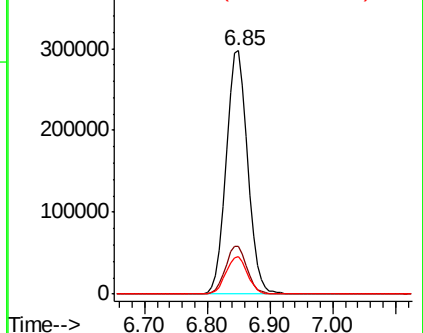
88 15.5 0.0 32.0

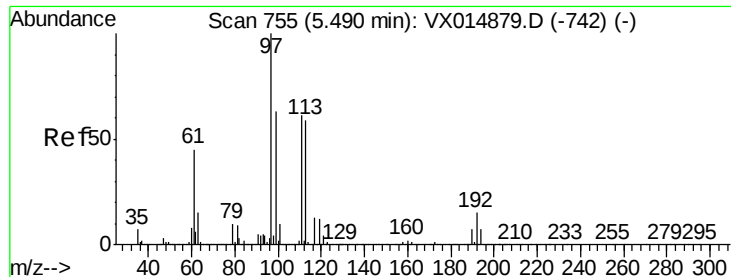


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

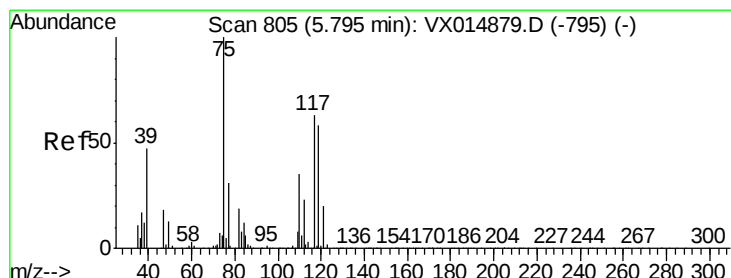
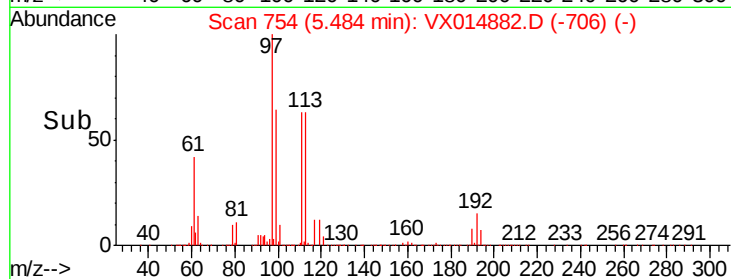
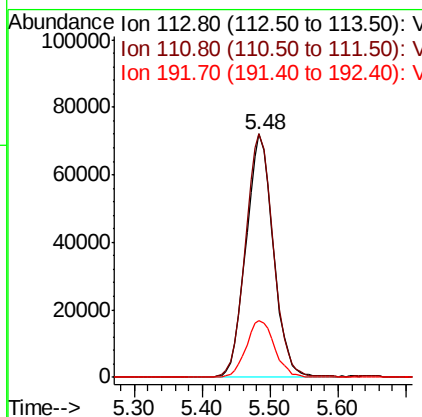
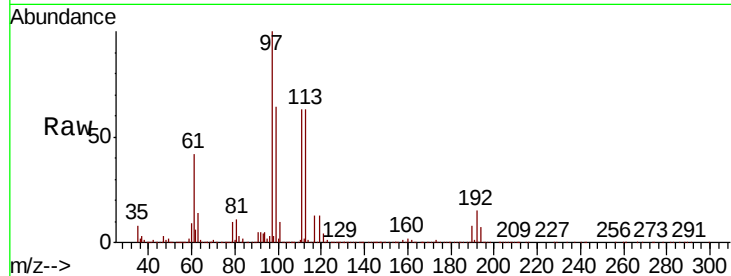




#35
Dibromofluoromethane
Concen: 46.385 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

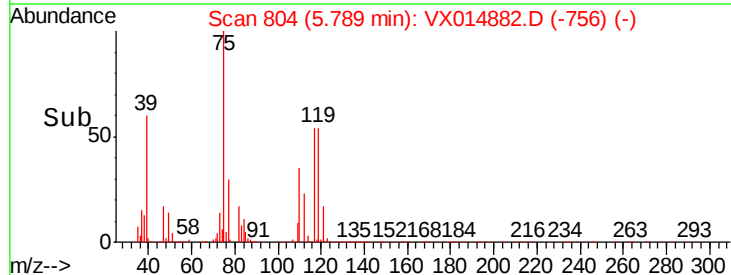
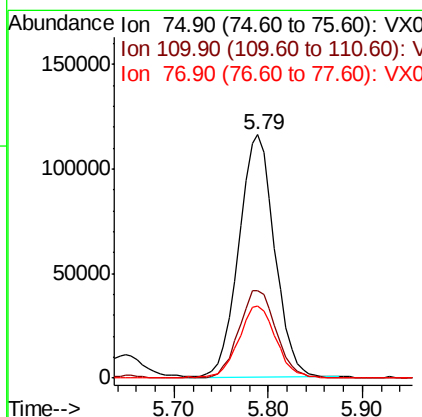
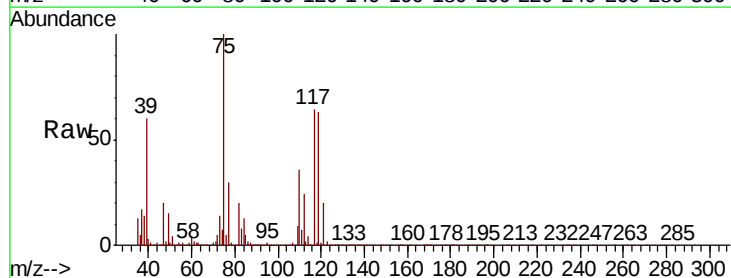
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

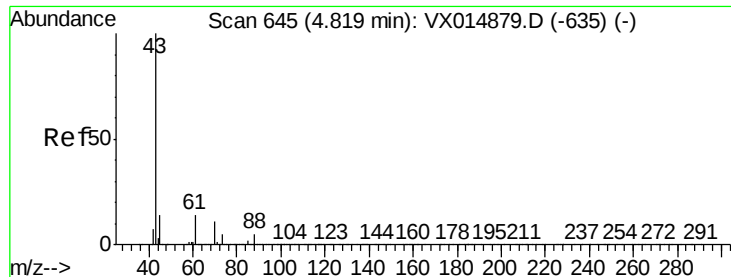
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.4	123.6
192	24.6	19.1	28.7



#36
1,1-Dichloropropene
Concen: 48.679 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.3	54.8
77	30.8	24.6	36.8

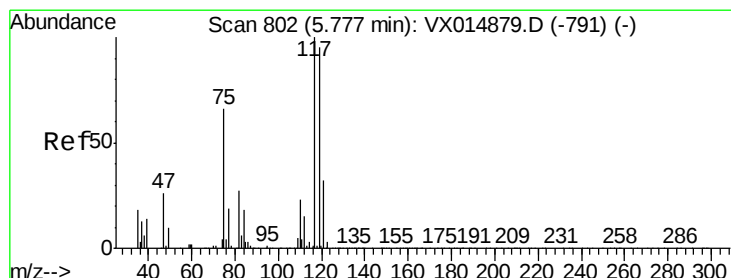
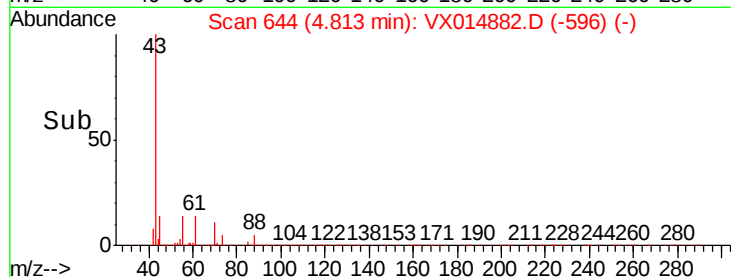
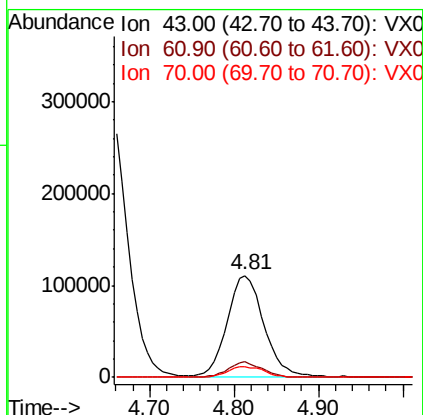
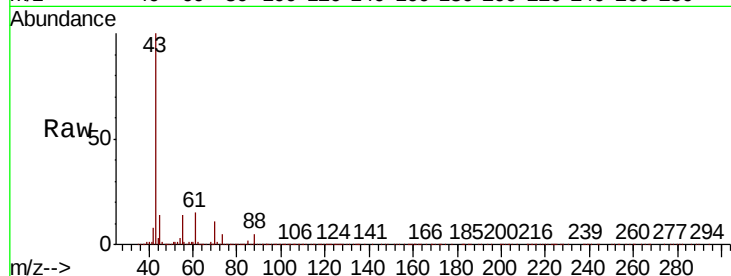




#37
Ethyl Acetate
Concen: 48.920 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

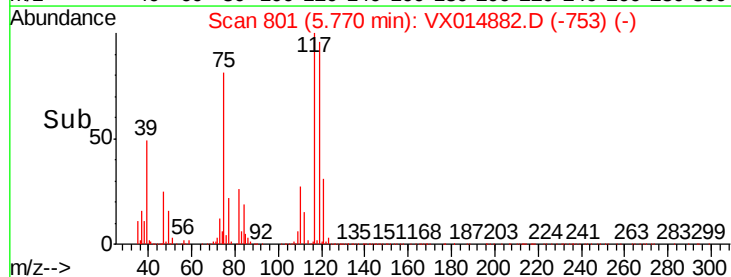
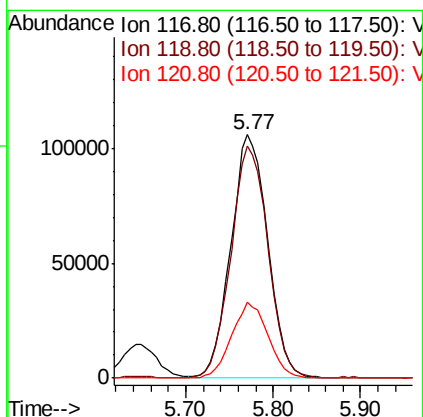
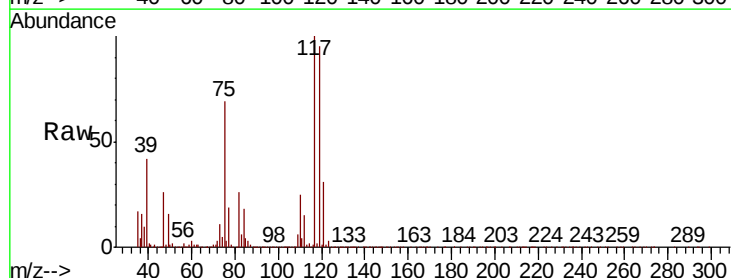
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

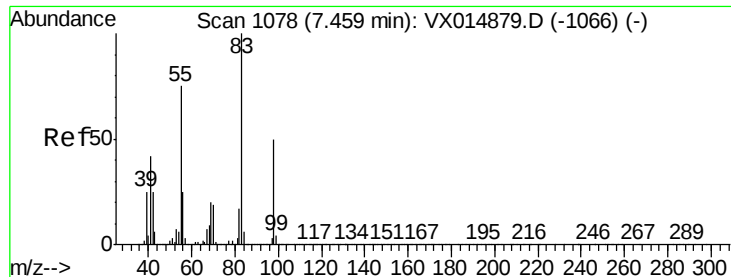
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	10.7	8.7	13.1



#38
Carbon Tetrachloride
Concen: 50.225 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.0	114.0
121	31.2	25.4	38.2

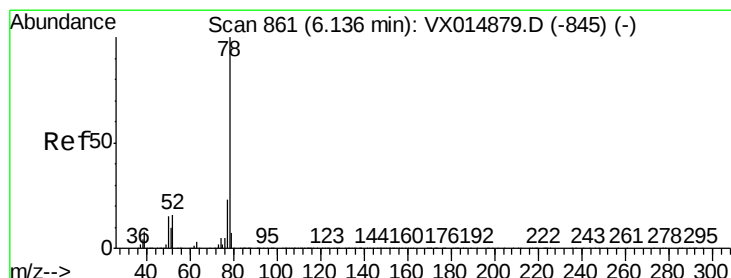
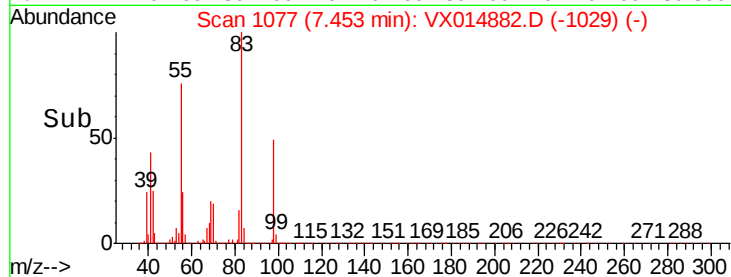
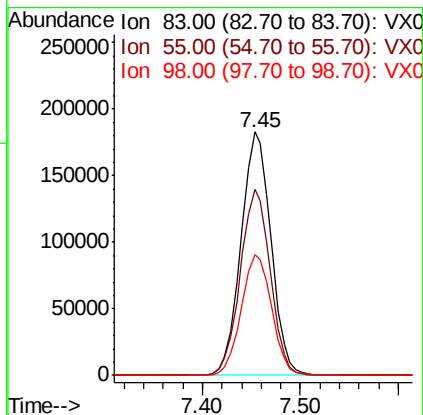
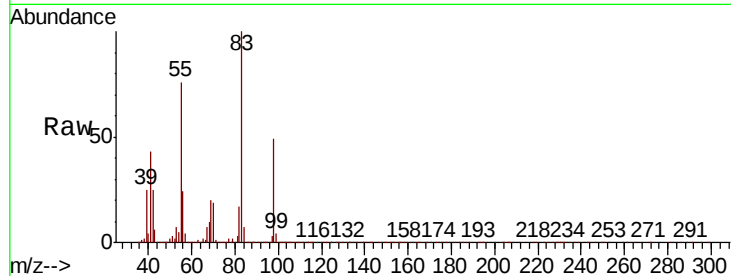




#39
Methvlcvclohexane
Concen: 49.279 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

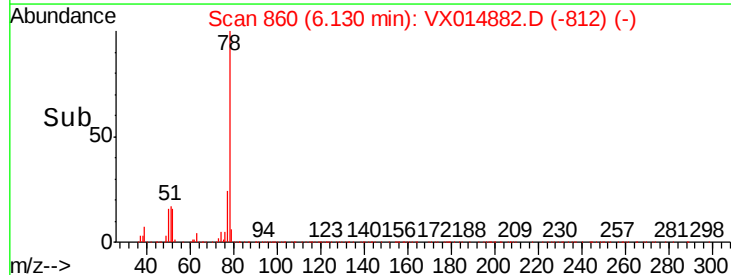
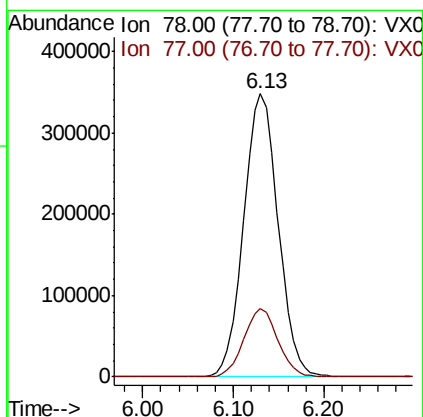
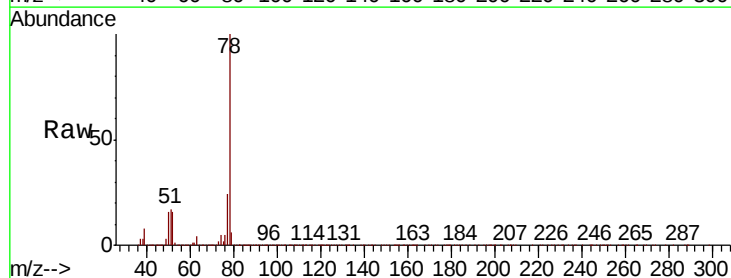
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

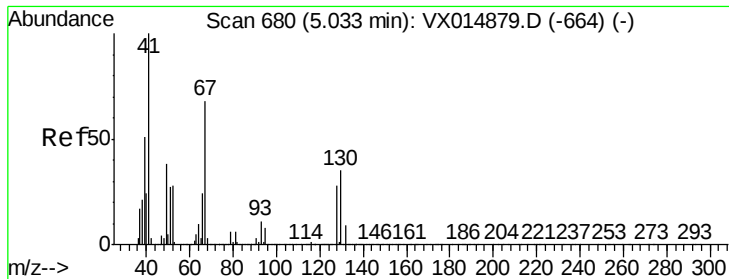
Tot Ion	83	Resp	389288
Ion Ratio	Lower	Upper	
83	100		
55	76.3	60.0	90.0
98	49.4	39.6	59.4



#40
Benzene
Concen: 48.437 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	78	Resp	914123
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.8	28.2

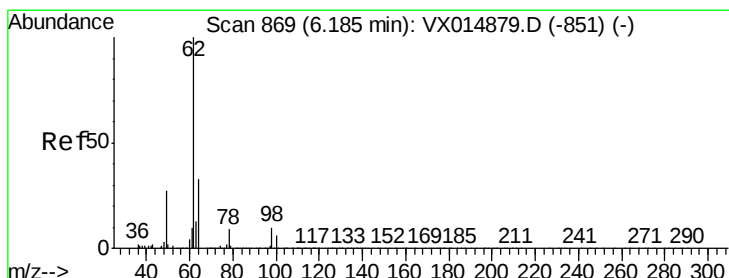
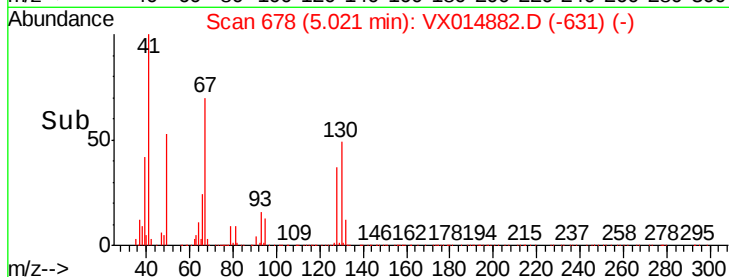
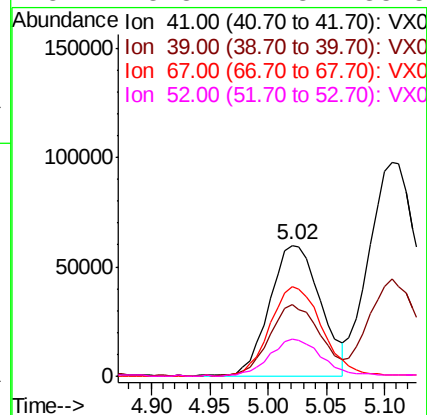
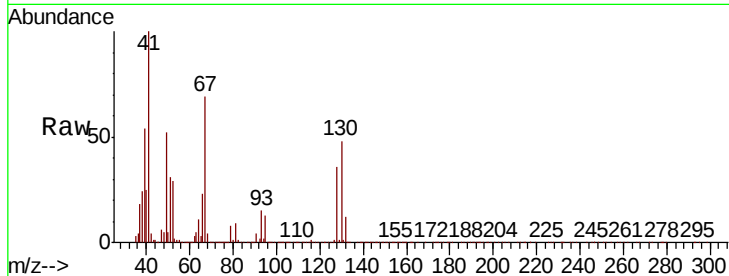




#41
Methacrylonitrile
Concen: 50.849 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

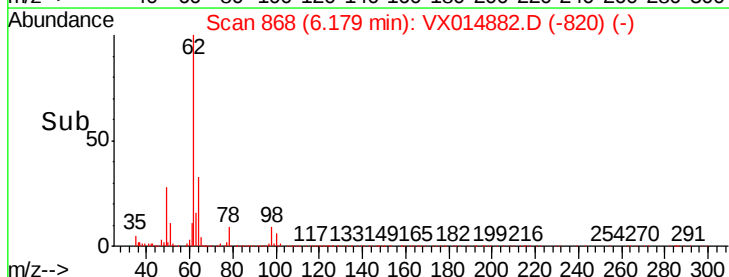
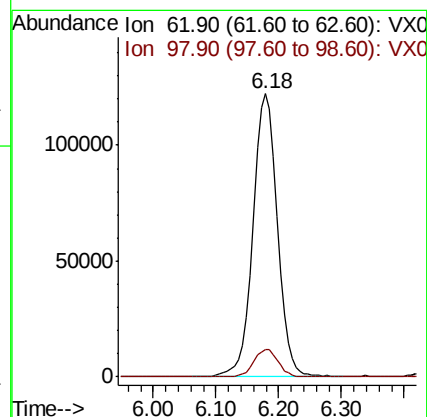
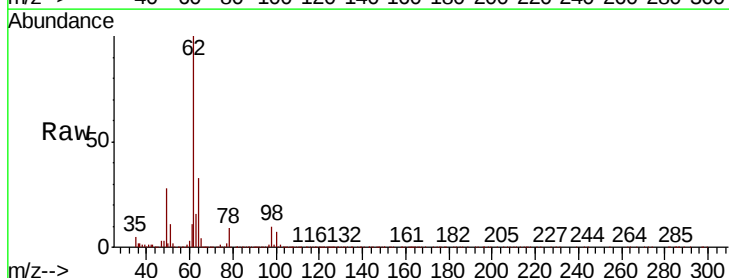
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

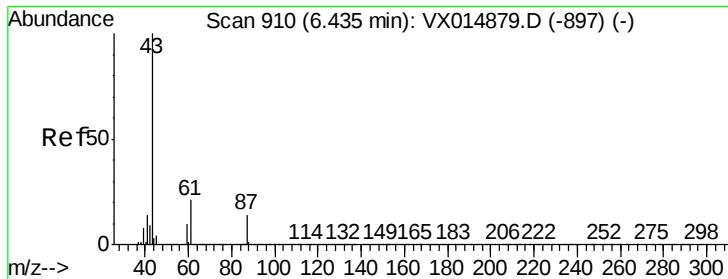
Tot Ion:	41	Resp:	180466
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.7	67.1
67	71.7	56.6	84.8
52	28.8	22.3	33.5



#42
1,2-Dichloroethane
Concen: 48.276 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion:	62	Resp:	329292
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2



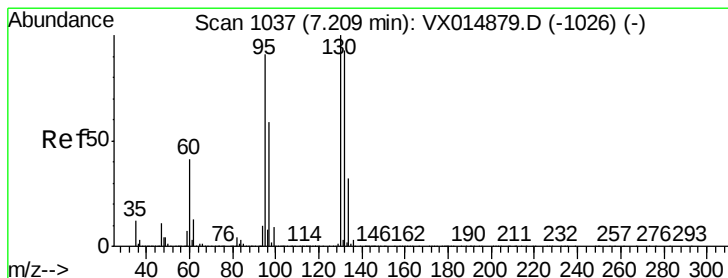
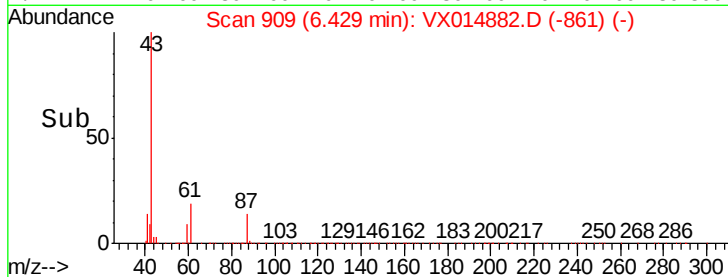
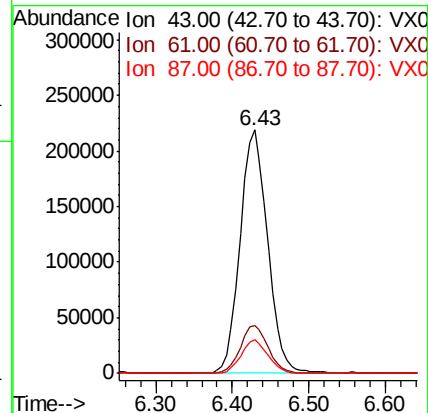
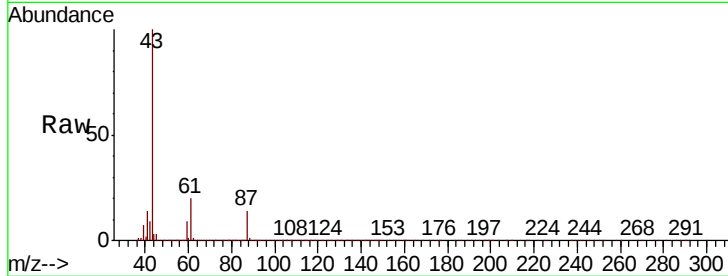


#43

Isopropyl Acetate
 Concen: 50.044 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

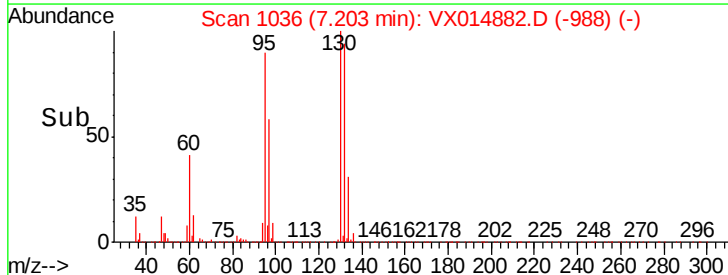
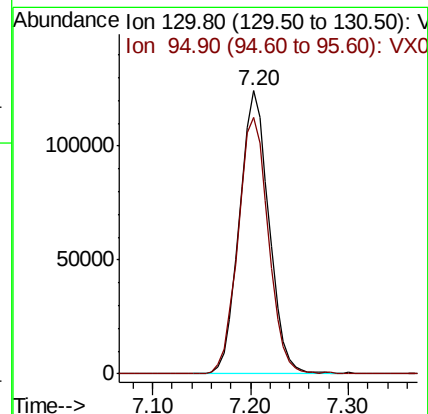
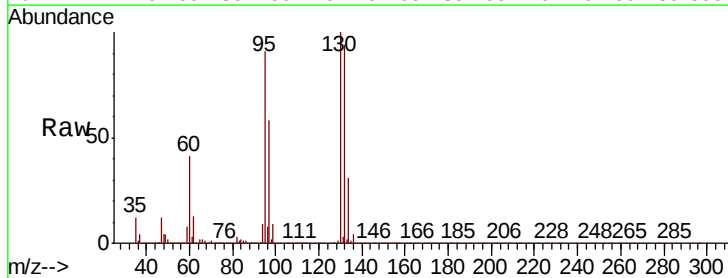
Tot Ion	43	Resp	543862
Ion Ratio	Lower	Upper	
43	100		
61	19.9	16.2	24.4
87	13.3	11.0	16.6

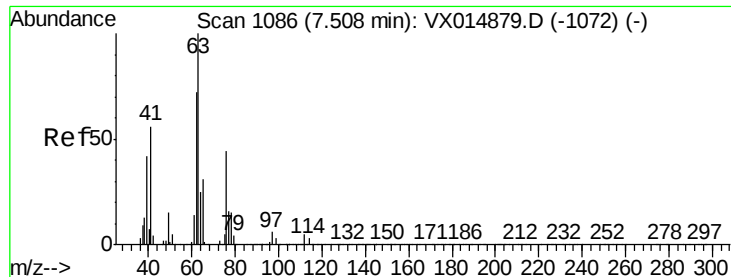


#44

Trichloroethene
 Concen: 47.516 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion	130	Resp	260323
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	182.6





#45

1,2-Dichloropropane

Concen: 48.880 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

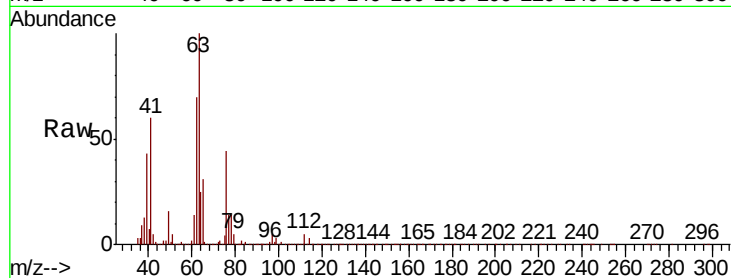
ICVVX021020

Tot Ion: 63 Resp: 235262

Ion Ratio Lower Upper

63 100

65 31.0 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

120000

100000

80000

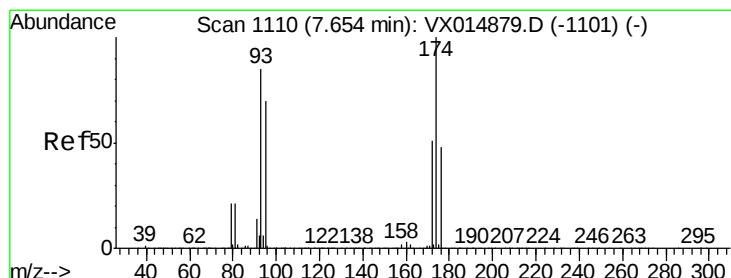
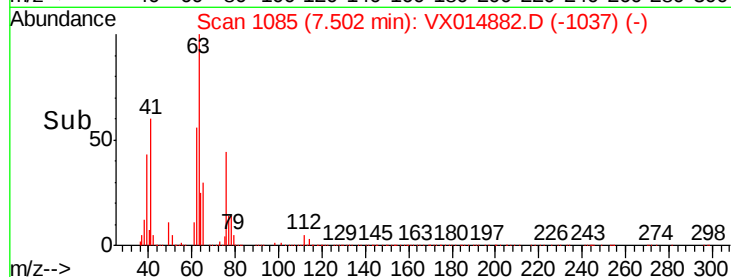
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 47.995 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

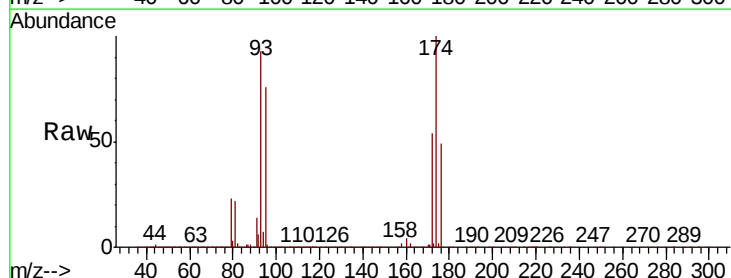
Tgt Ion: 93 Resp: 157902

Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 117.6 95.4 143.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

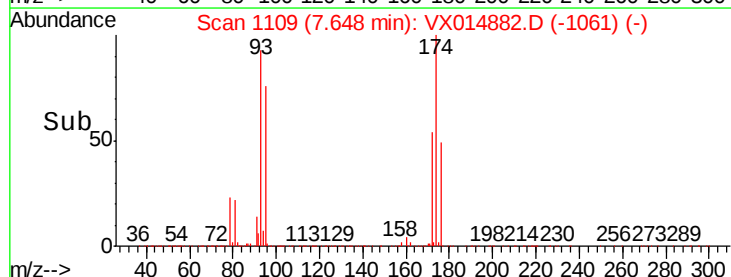
60000

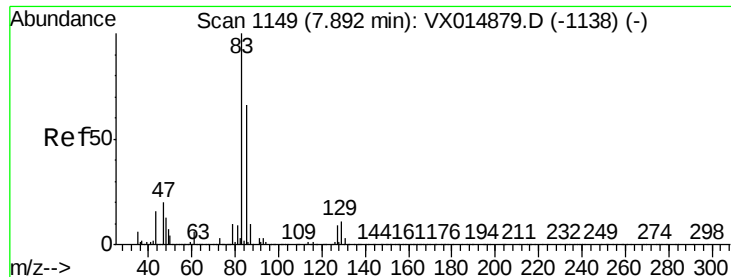
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 48.526 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

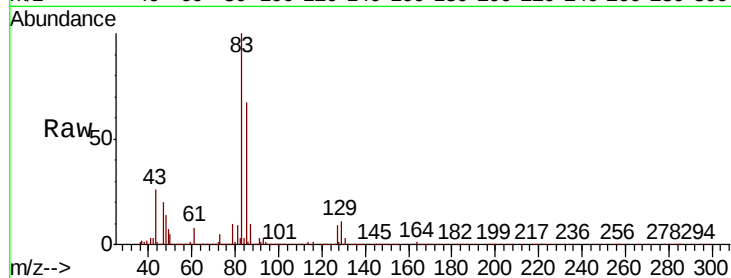
Tot Ion: 83 Resp: 316551

Ion Ratio Lower Upper

83 100

85 66.6 52.5 78.7

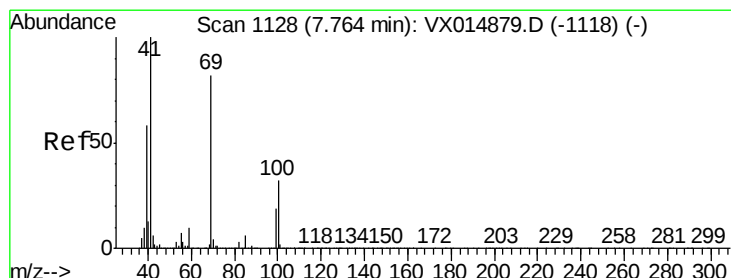
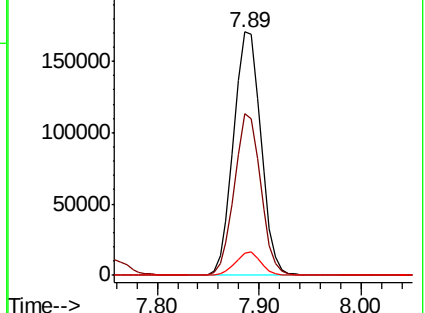
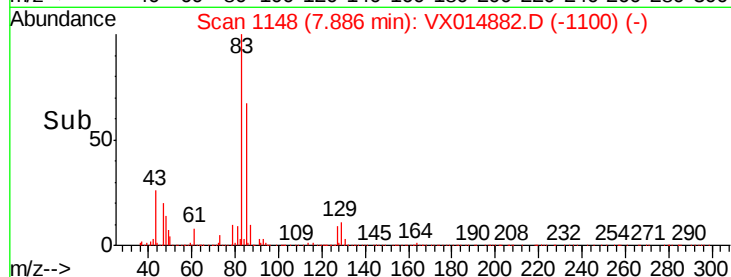
127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.757 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

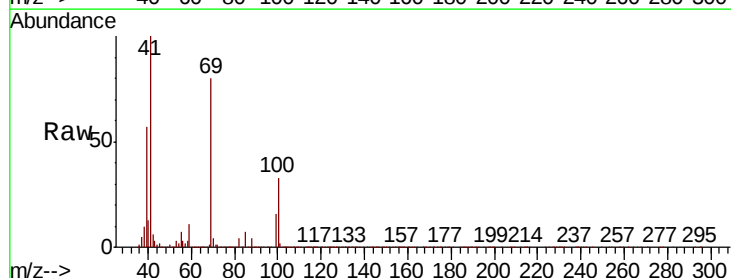
Tgt Ion: 41 Resp: 271467

Ion Ratio Lower Upper

41 100

69 81.3 65.7 98.5

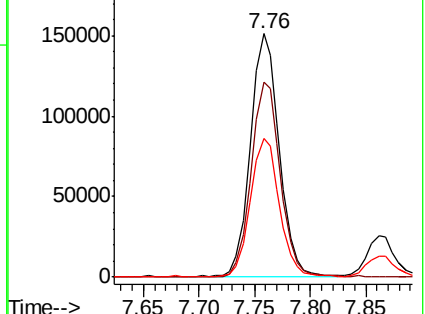
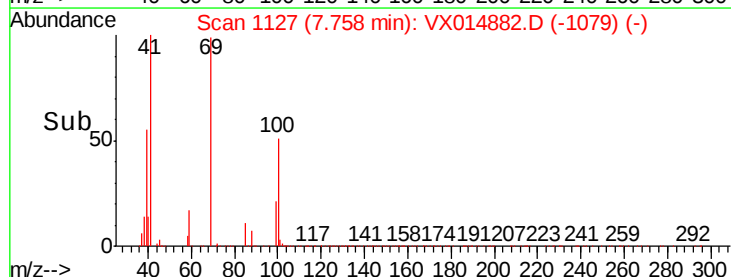
39 57.3 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1045.487 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

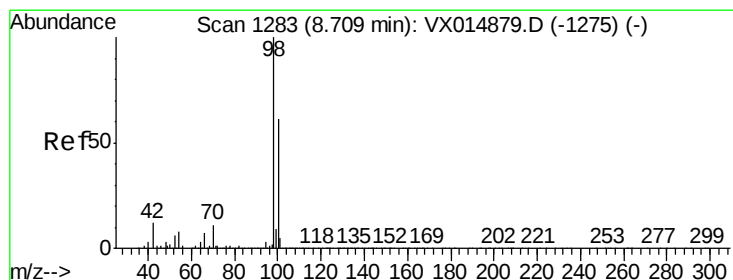
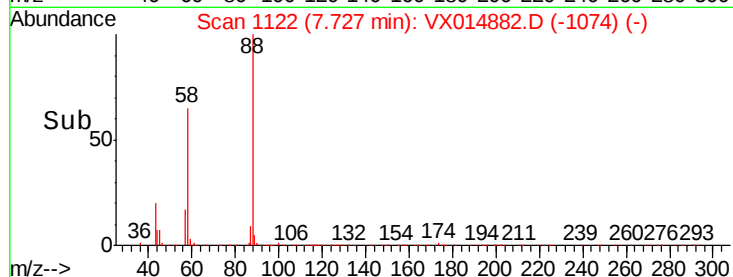
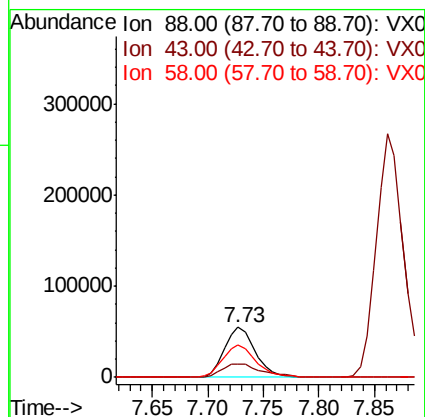
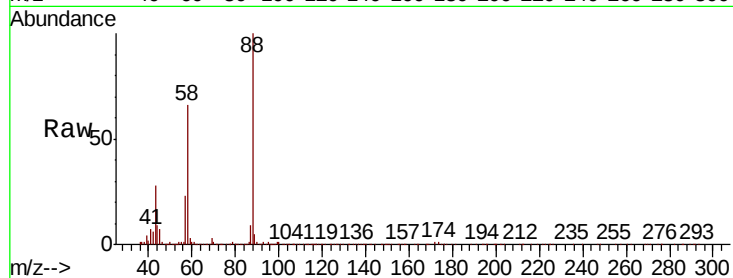
Tot Ion: 88 Resp: 104546

Ion Ratio Lower Upper

88 100

43 33.7 27.0 40.4

58 67.6 53.2 79.8



#50

Toluene-d8

Concen: 46.604 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014882.D

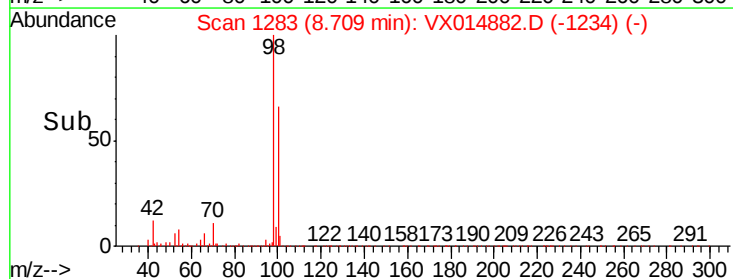
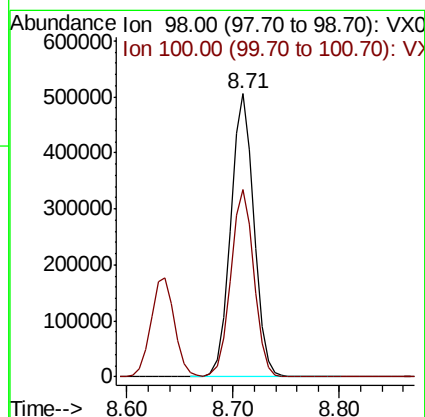
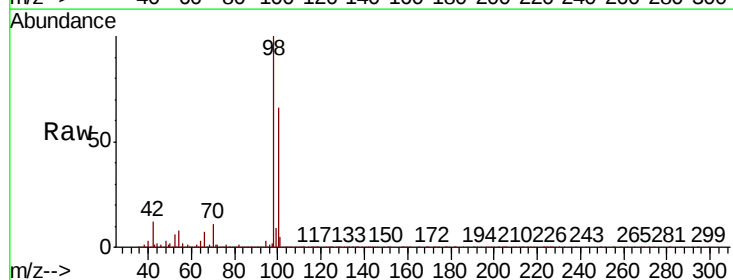
Acq: 10 Feb 2020 12:22

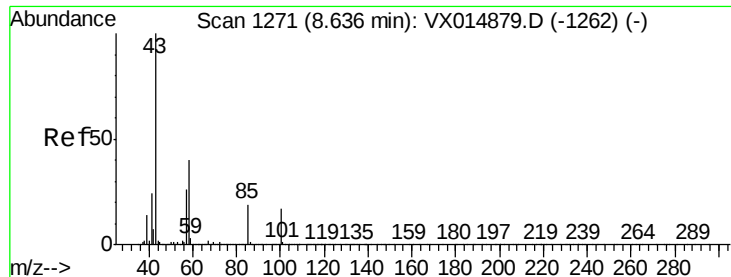
Tgt Ion: 98 Resp: 772238

Ion Ratio Lower Upper

98 100

100 66.0 52.4 78.6





#51

4-Methyl-2-Pentanone

Concen: 251.802 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

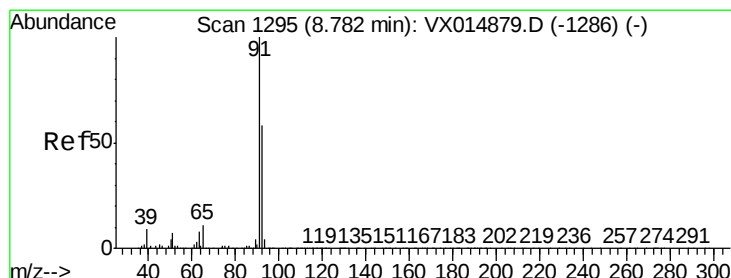
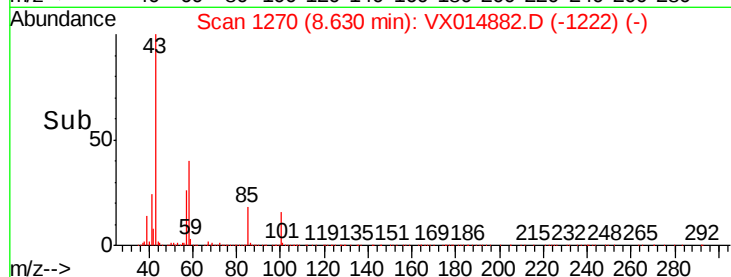
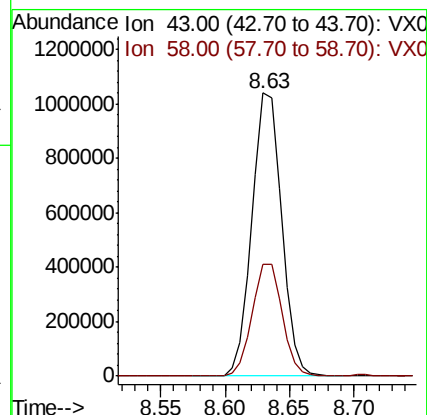
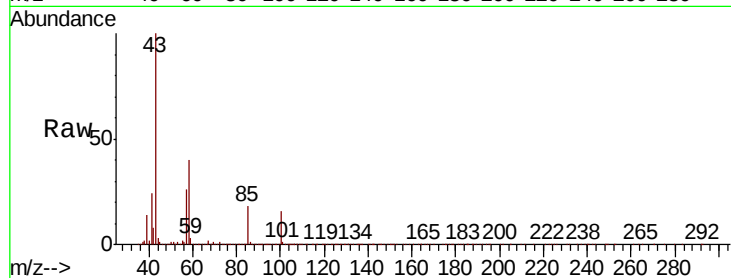
ICVX021020

Tot Ion: 43 Resp: 1652362

Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9



#52

Toluene

Concen: 48.915 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014882.D

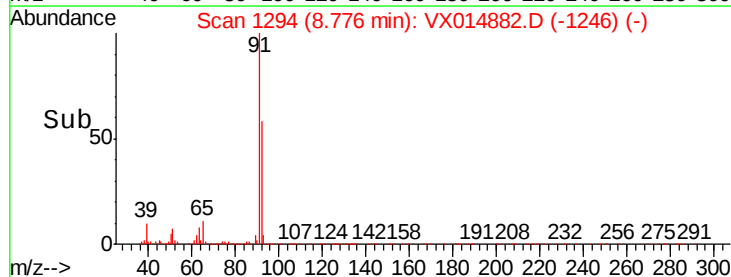
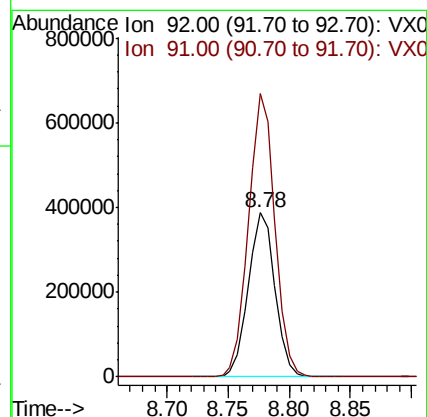
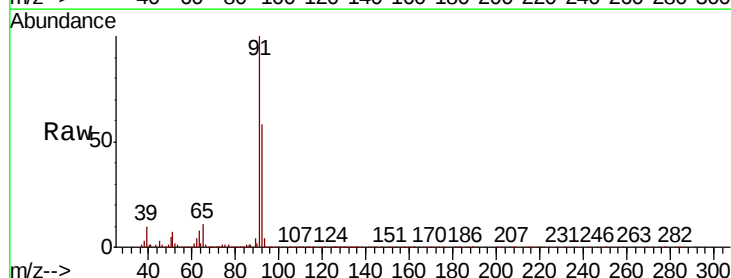
Acq: 10 Feb 2020 12:22

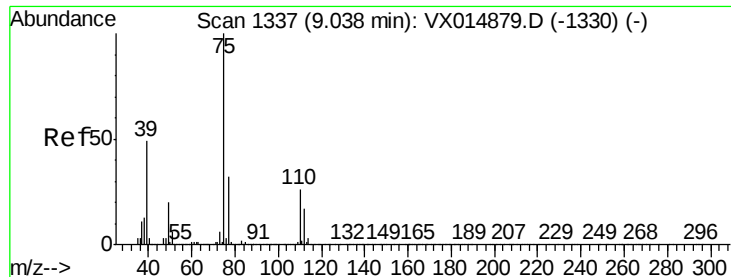
Tgt Ion: 92 Resp: 586319

Ion Ratio Lower Upper

92 100

91 171.0 137.0 205.4

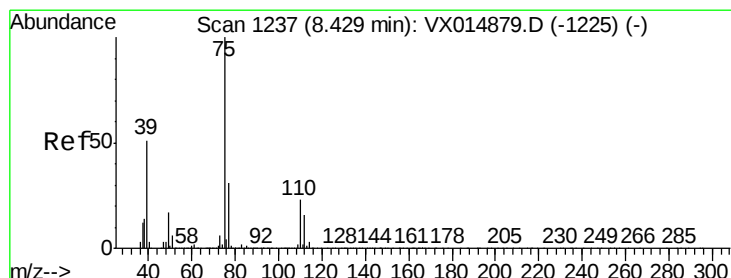
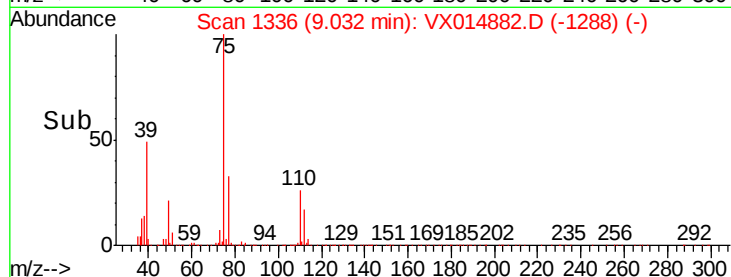
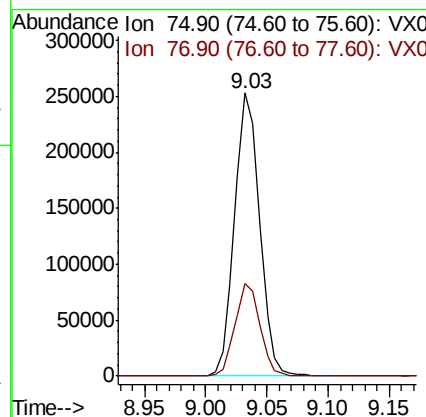
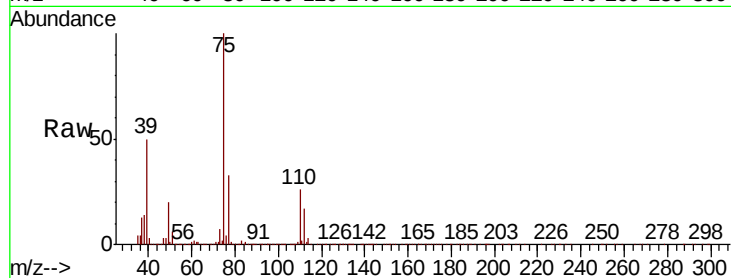




#53
t-1,3-Dichloropropene
Concen: 50.024 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

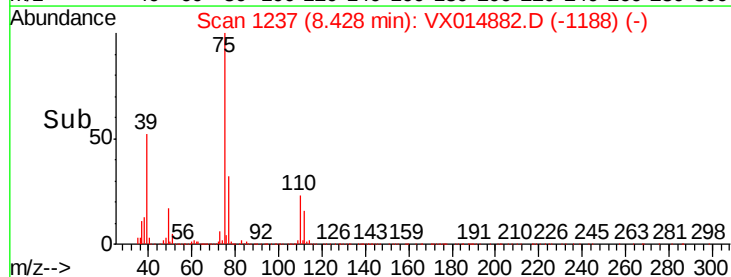
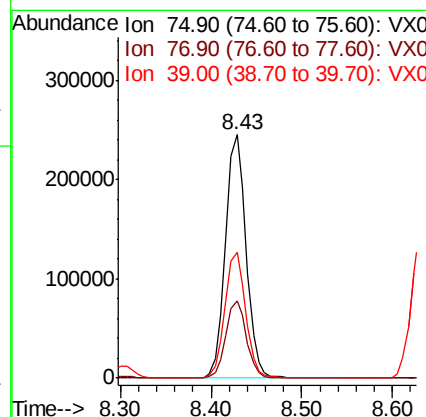
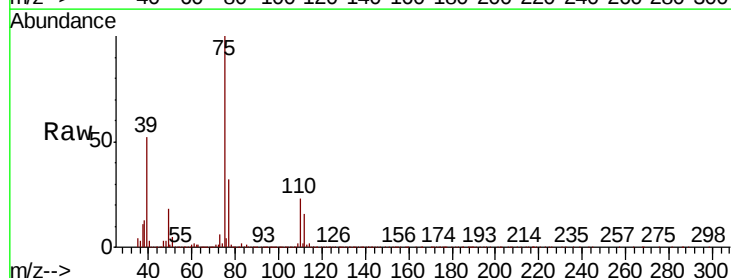
Instrument :
MSVOA_X
ClientSampled :
ICVVX021020

Tot Ion: 75 Resp: 357632
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 49.322 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 75 Resp: 389538
Ion Ratio Lower Upper
75 100
77 31.8 24.6 37.0
39 51.7 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 48.030 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion: 97 Resp: 232927

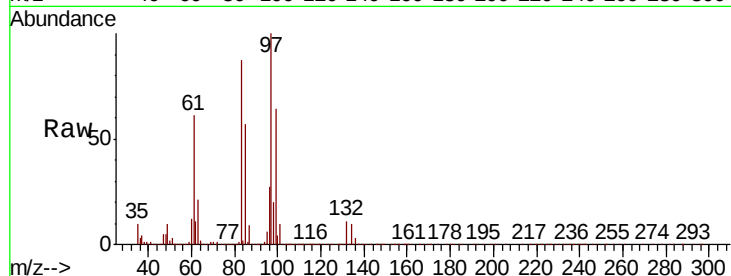
Ion Ratio Lower Upper

97 100

83 86.7 66.6 99.8

85 57.4 43.5 65.3

99 63.6 49.6 74.4

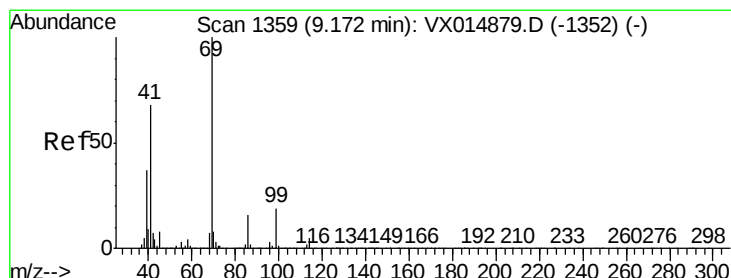
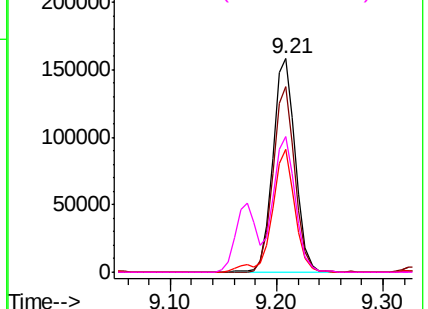
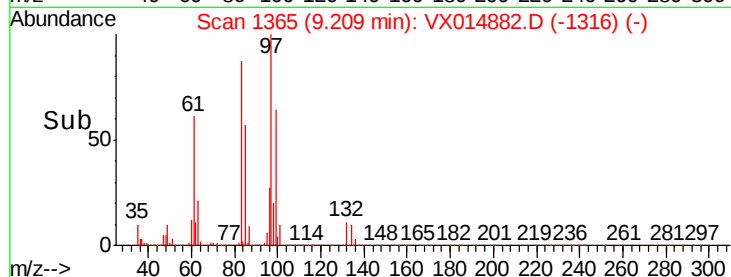


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.829 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

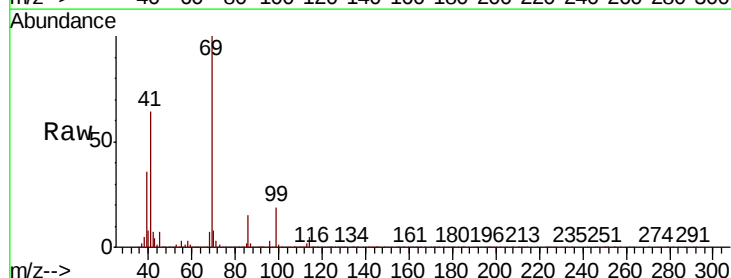
Tgt Ion: 69 Resp: 377798

Ion Ratio Lower Upper

69 100

41 66.9 54.8 82.2

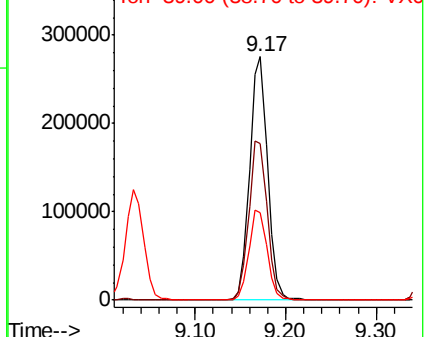
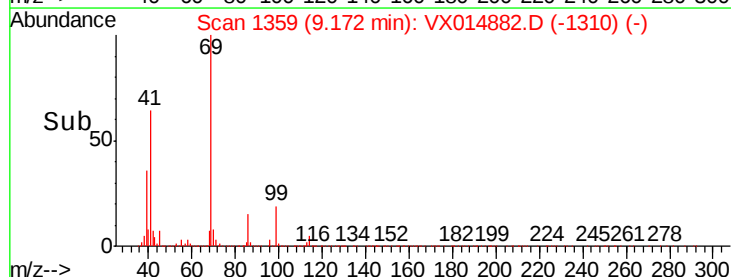
39 37.3 29.9 44.9

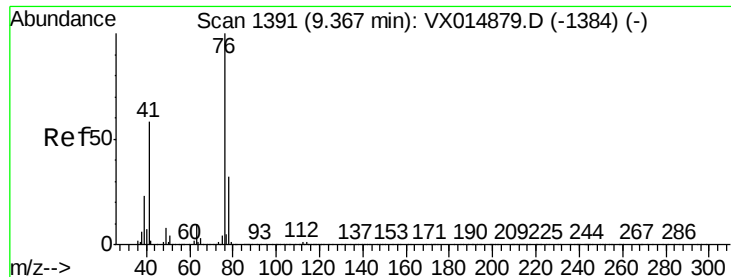


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 47.708 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

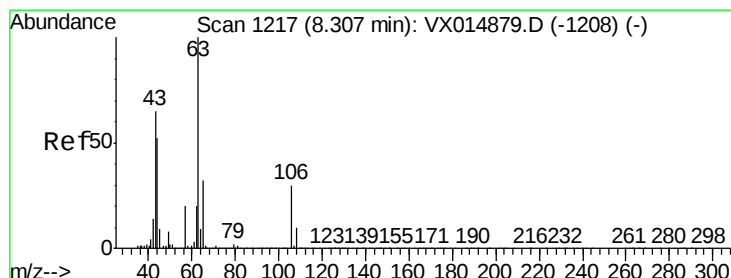
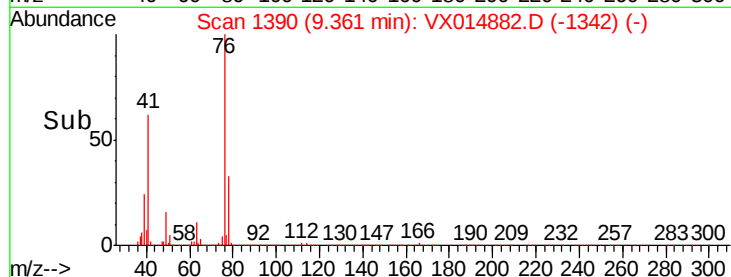
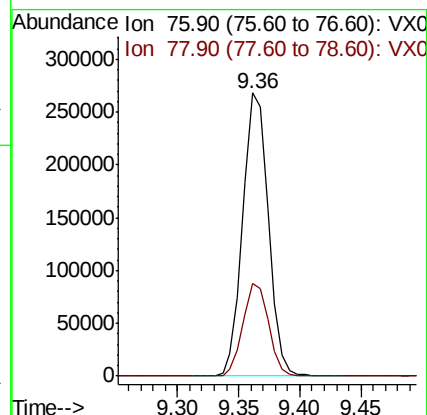
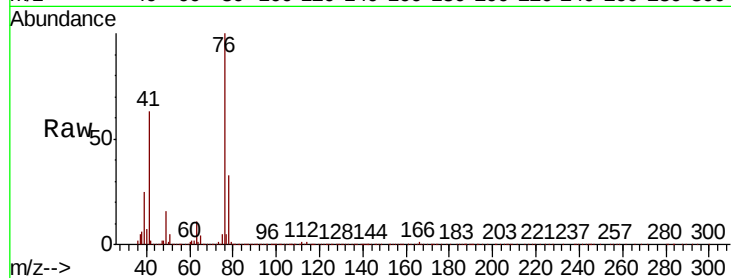
ICVVX021020

Tot Ion: 76 Resp: 389461

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 247.509 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014882.D

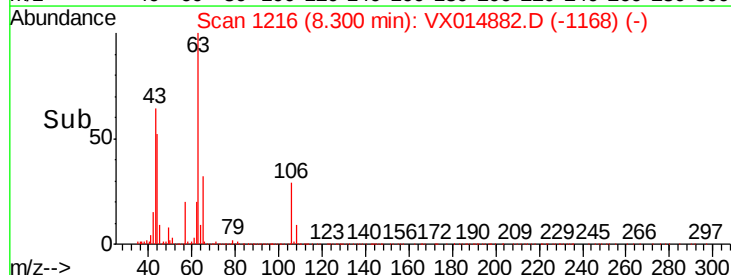
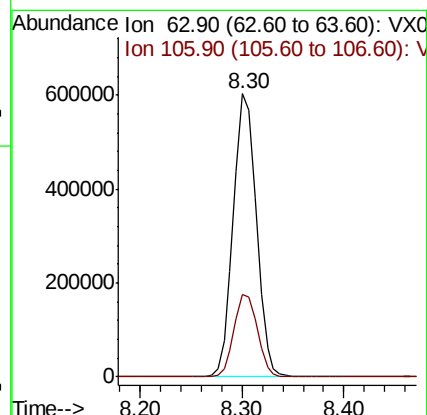
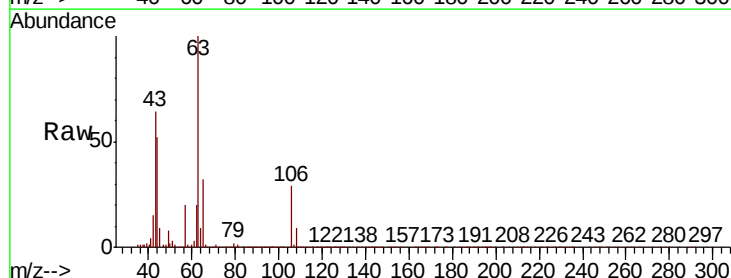
Acq: 10 Feb 2020 12:22

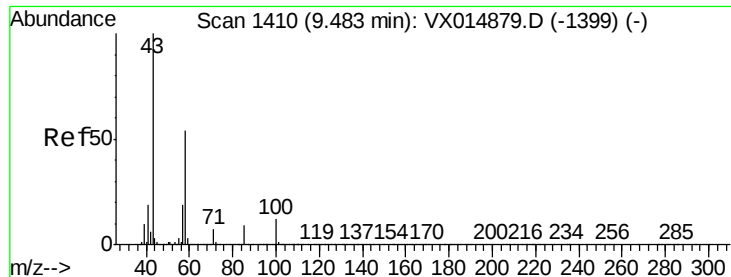
Tgt Ion: 63 Resp: 943550

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8





#59

2-Hexanone

Concen: 246.301 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

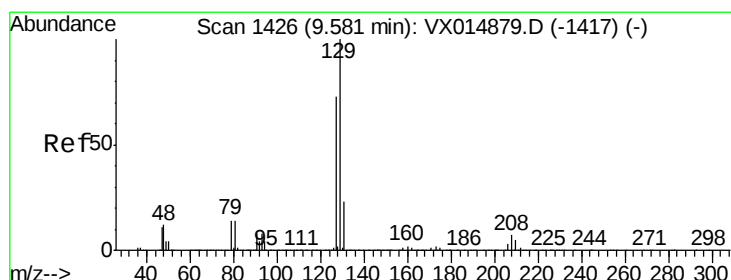
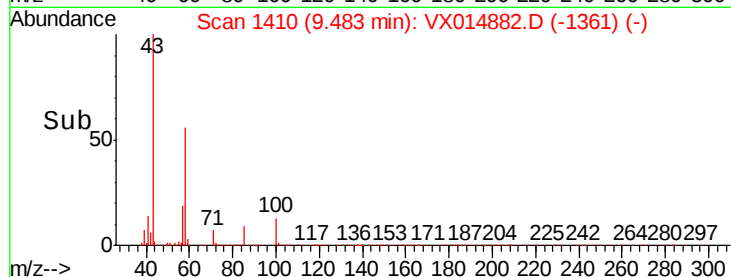
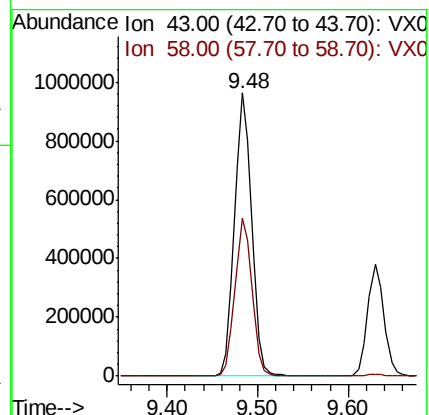
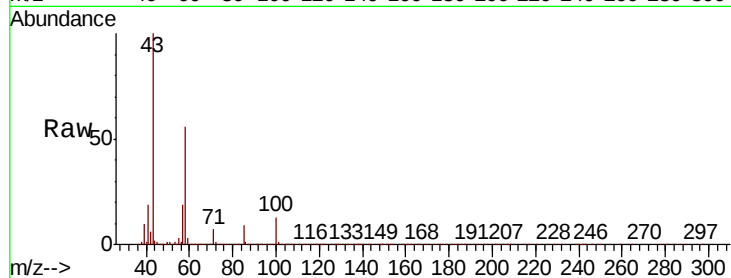
ICVVO21020

Tot Ion: 43 Resp: 1270406

Ion Ratio Lower Upper

43 100

58 55.6 27.5 82.5



#60

Dibromochloromethane

Concen: 49.454 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014882.D

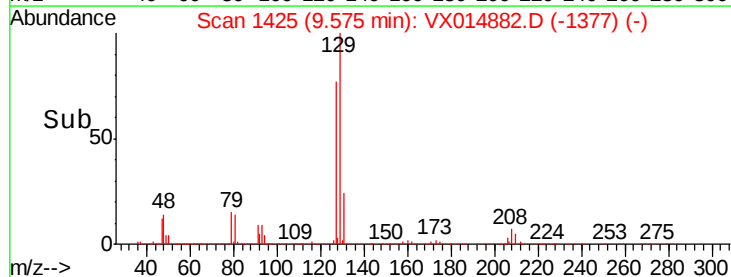
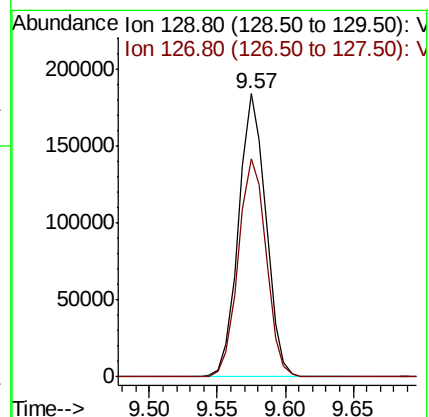
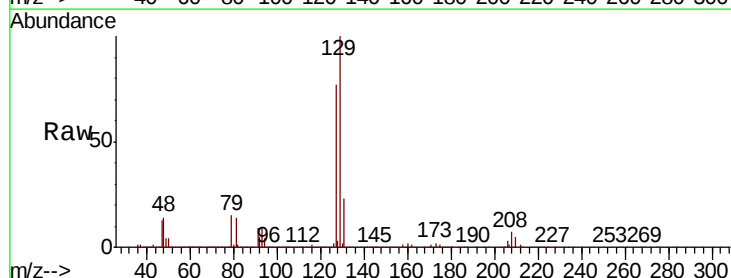
Acq: 10 Feb 2020 12:22

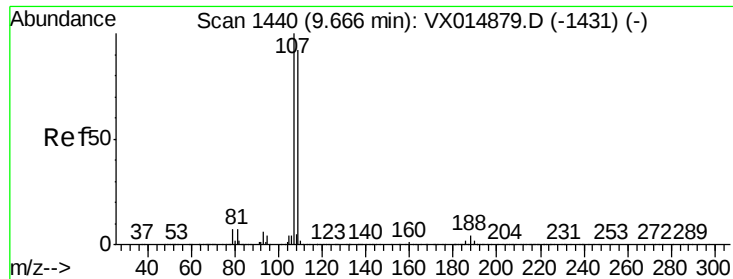
Tgt Ion: 129 Resp: 258096

Ion Ratio Lower Upper

129 100

127 78.5 37.8 113.3

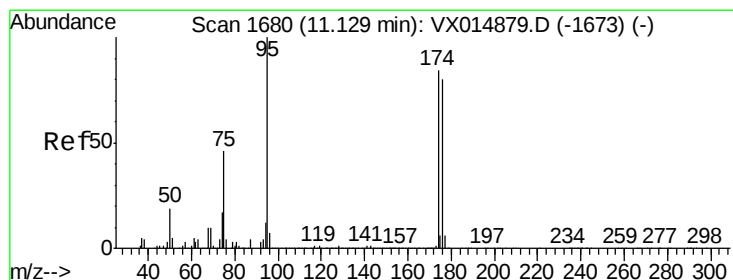
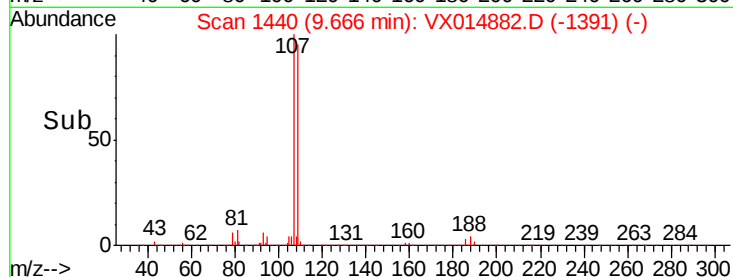
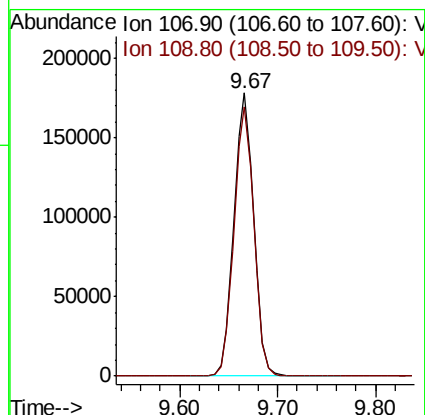
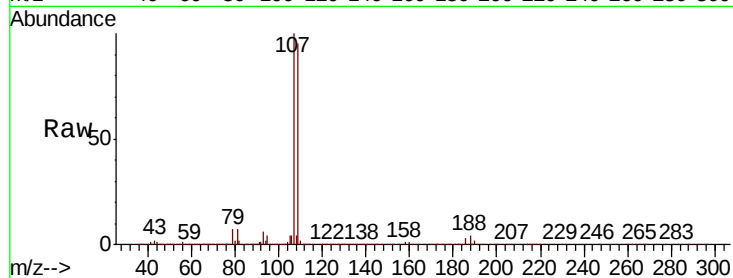




#61
 1,2-Dibromoethane
 Concen: 47.741 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

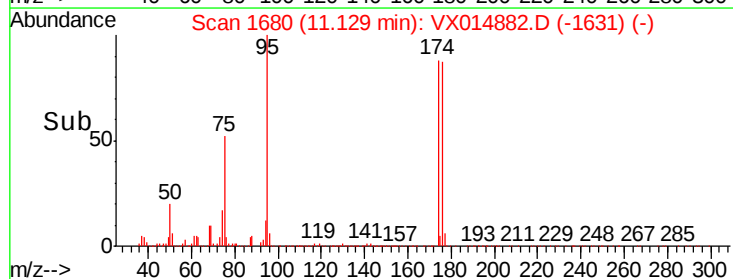
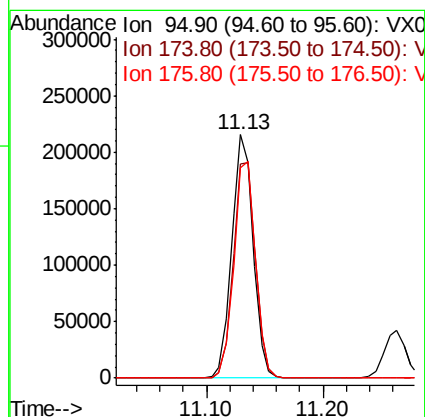
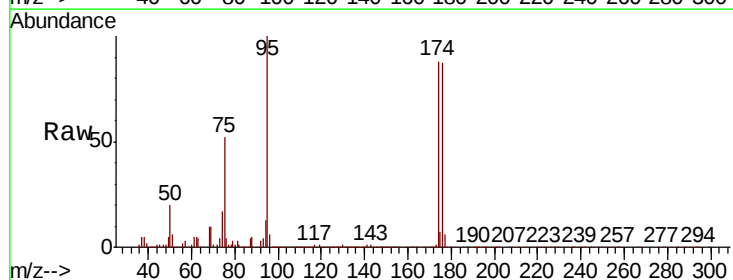
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

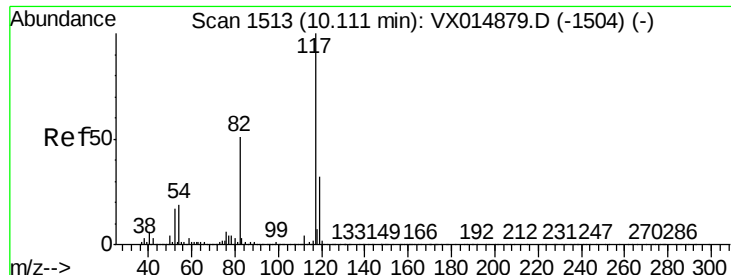
Tot Ion:107 Resp: 249810
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 46.129 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion: 95 Resp: 275346
 Ion Ratio Lower Upper
 95 100
 174 92.2 0.0 183.0
 176 90.7 0.0 178.0

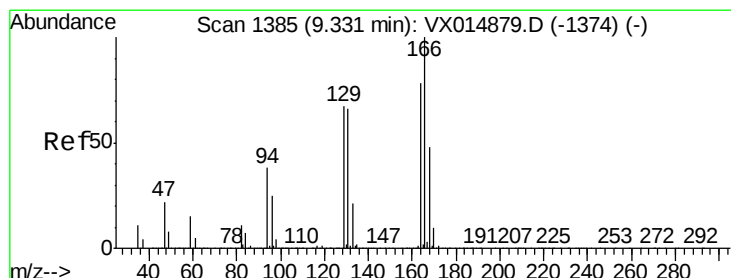
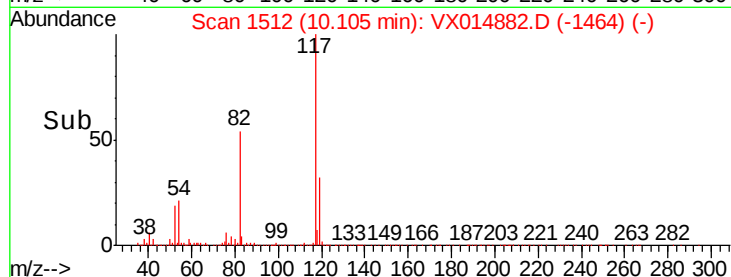
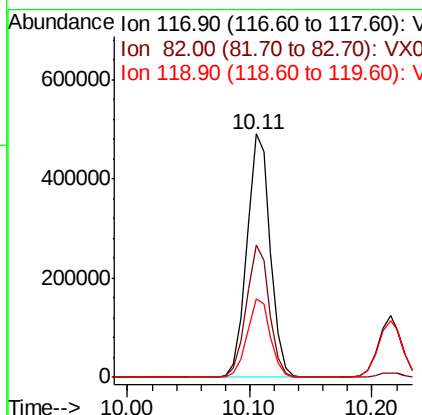
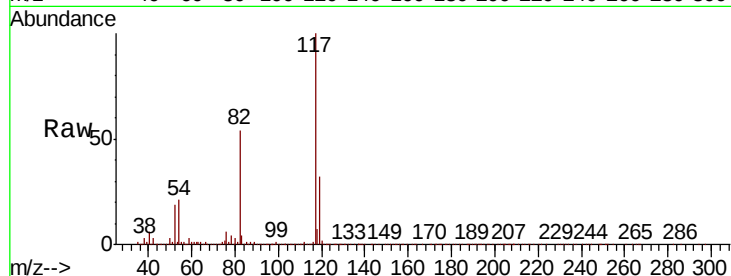




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

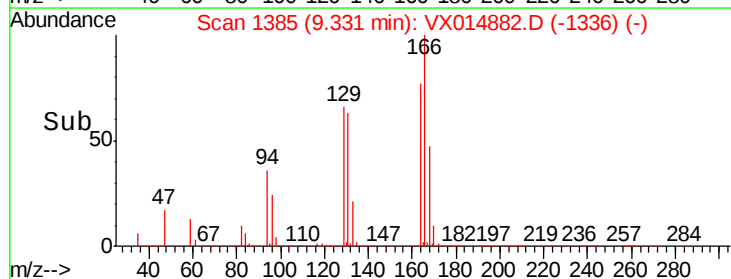
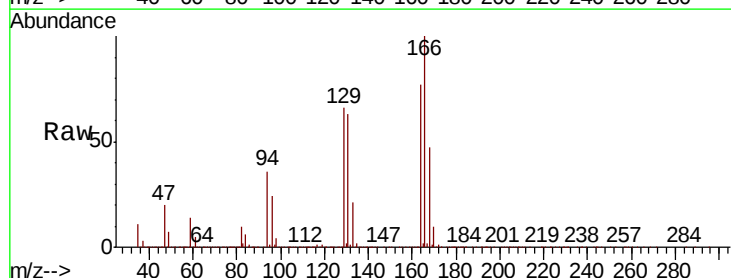
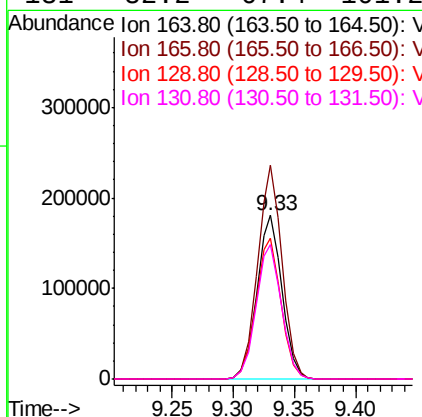
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

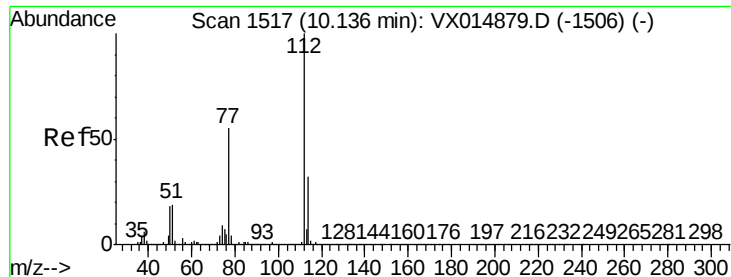
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	40.5	60.7
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 42.559 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.7	102.6	153.8
129	86.0	68.3	102.5
131	82.2	67.4	101.2





#65

Chlorobenzene

Concen: 48.683 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

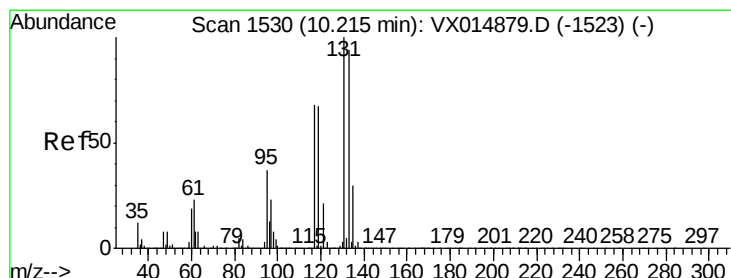
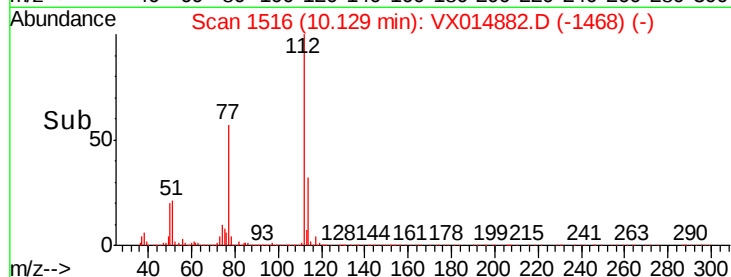
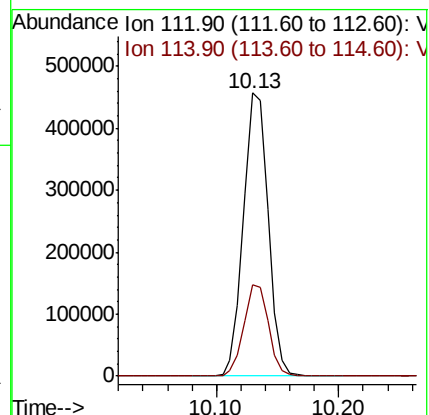
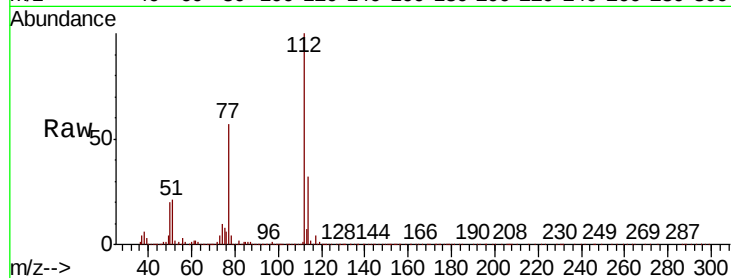
ICVVX021020

Tot Ion:112 Resp: 640596

Ion Ratio Lower Upper

112 100

114 32.5 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 49.981 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

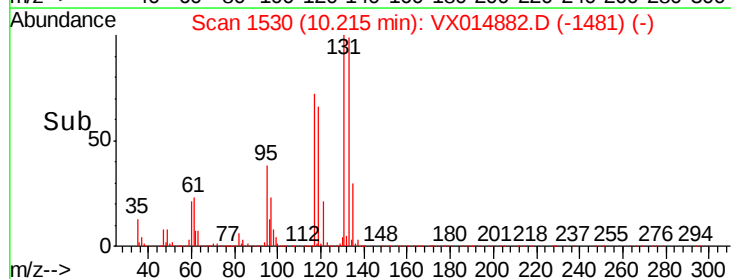
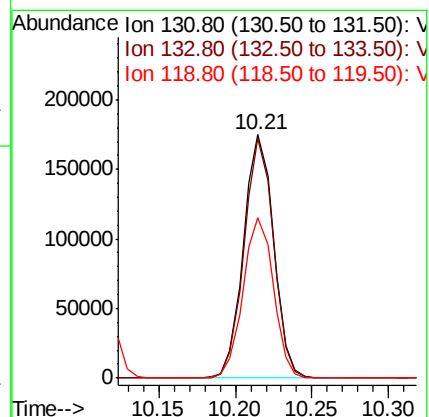
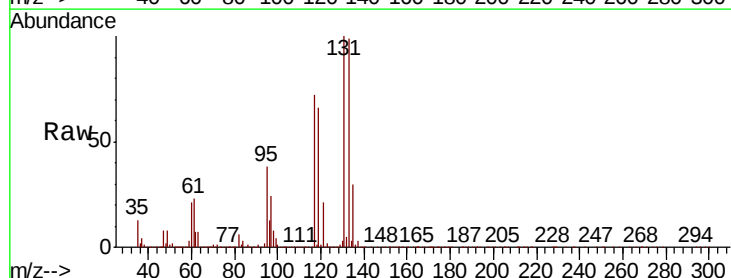
Tgt Ion:131 Resp: 238769

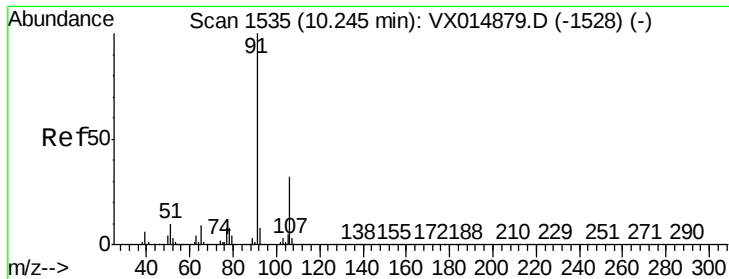
Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.4

119 66.2 33.0 99.0

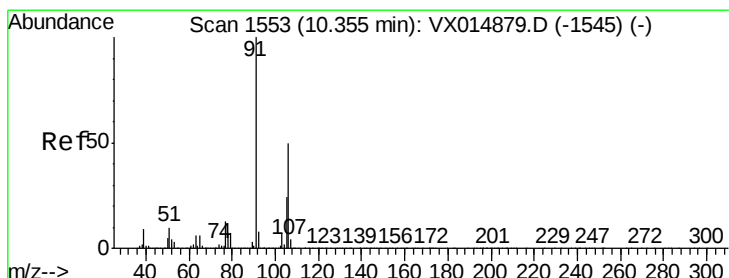
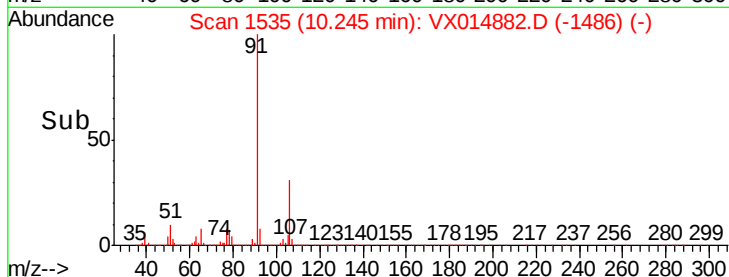
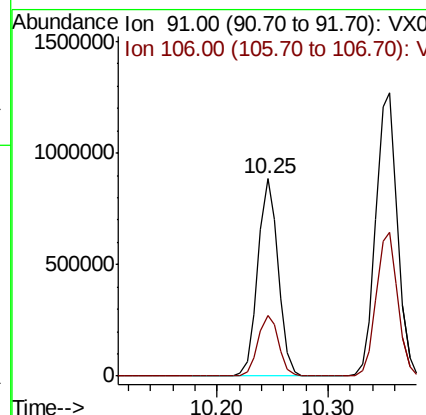
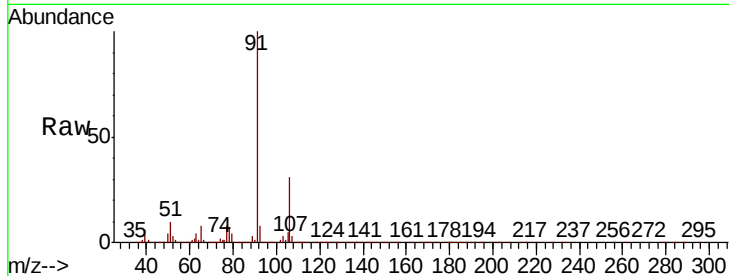




#67
Ethyl Benzene
Concen: 50.462 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

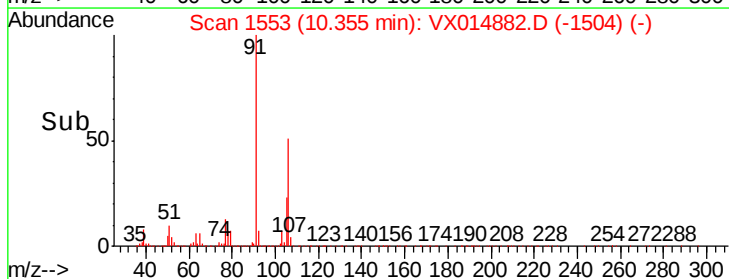
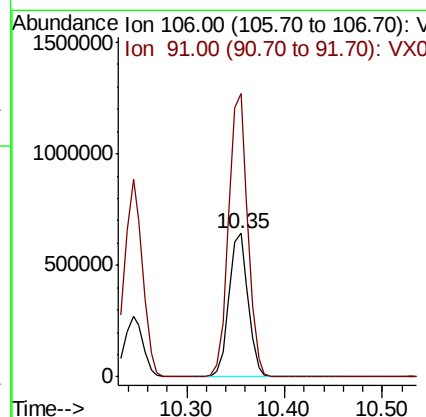
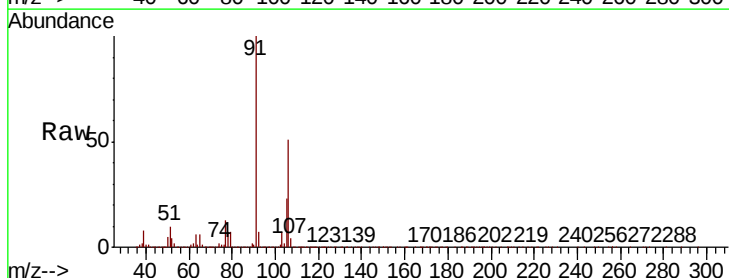
Instrument :
MSVOA_X
ClientSampleId :
ICVX021020

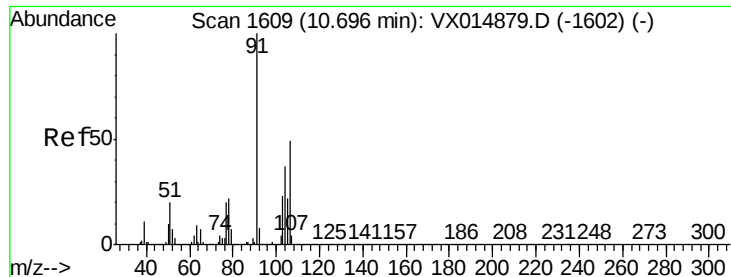
Tot Ion: 91 Resp: 1129268
Ion Ratio Lower Upper
91 100
106 30.7 25.3 37.9



#68
m/p-Xylenes
Concen: 101.008 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 106 Resp: 870791
Ion Ratio Lower Upper
106 100
91 197.3 160.6 240.8

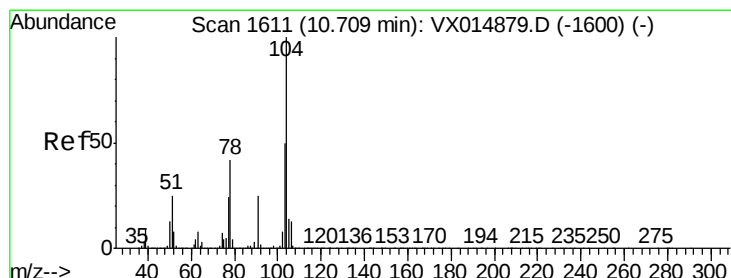
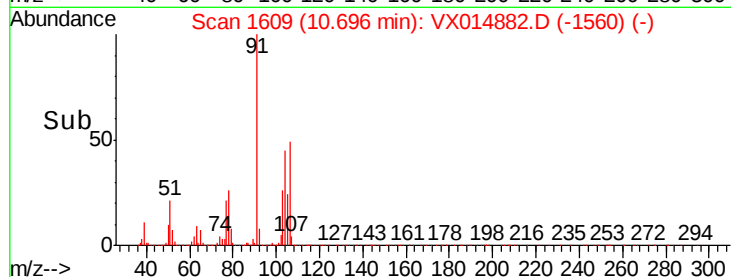
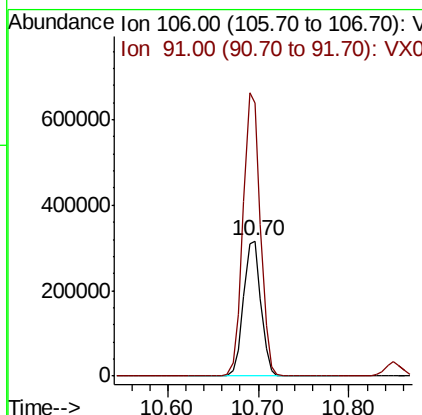
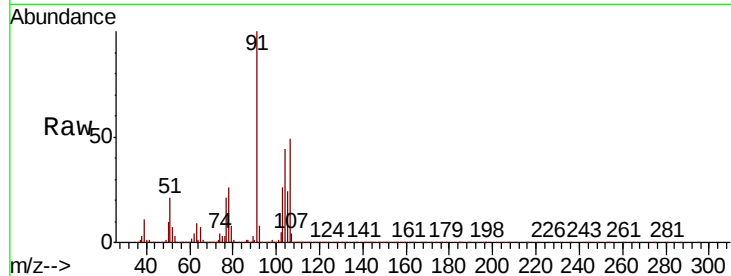




#69
o-Xylene
Concen: 50.684 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

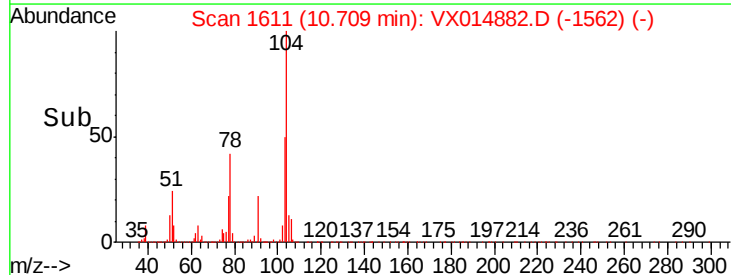
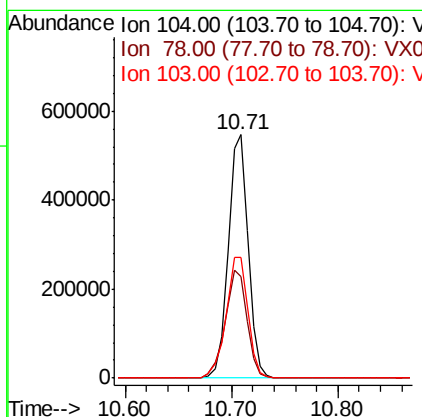
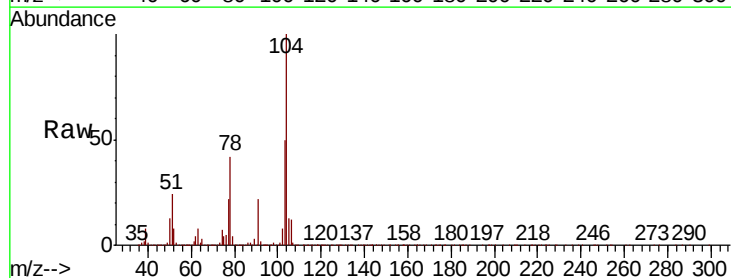
Instrument :
MSVOA_X
ClientSampleId :
ICVX021020

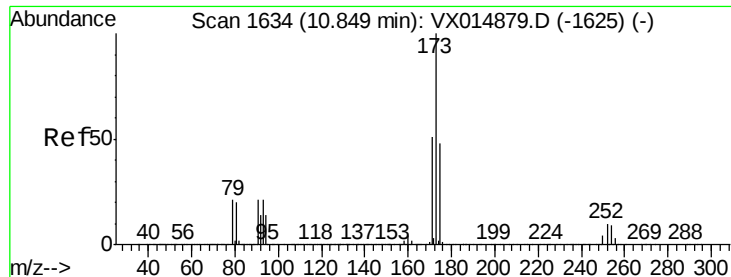
Tot Ion:106 Resp: 420023
Ion Ratio Lower Upper
106 100
91 208.2 105.1 315.3



#70
Styrene
Concen: 50.956 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion:104 Resp: 714384
Ion Ratio Lower Upper
104 100
78 48.7 39.0 58.4
103 54.8 43.4 65.0





#71

Bromoform

Concen: 51.502 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

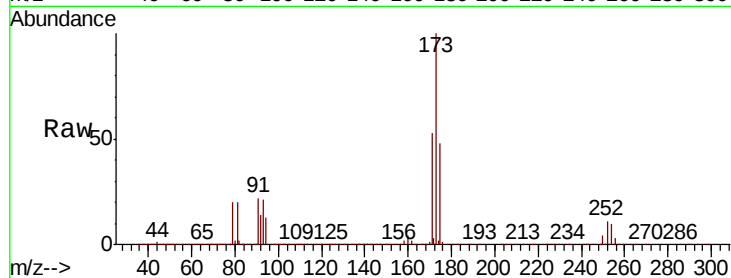
Tot Ion:173 Resp: 205362

Ion Ratio Lower Upper

173 100

175 48.5 24.2 72.6

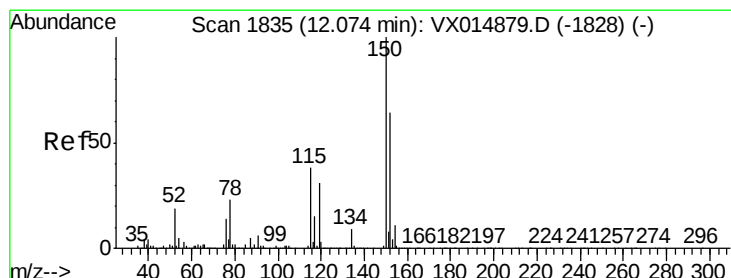
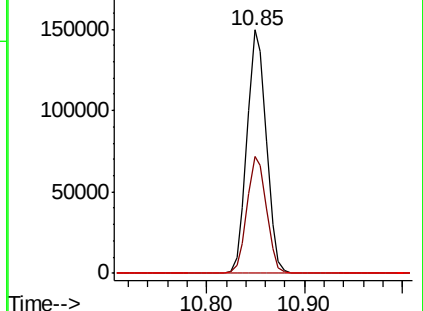
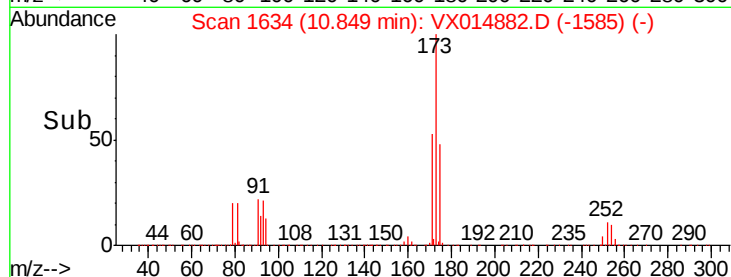
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

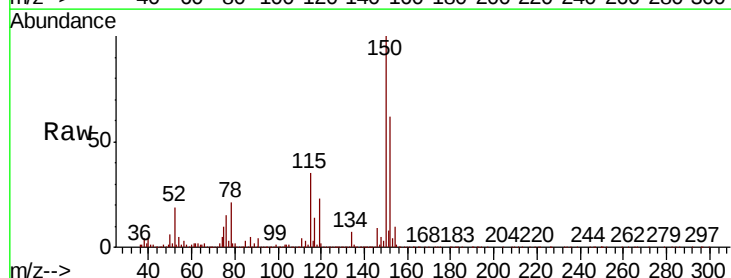
Tgt Ion:152 Resp: 342156

Ion Ratio Lower Upper

152 100

115 75.5 38.6 116.0

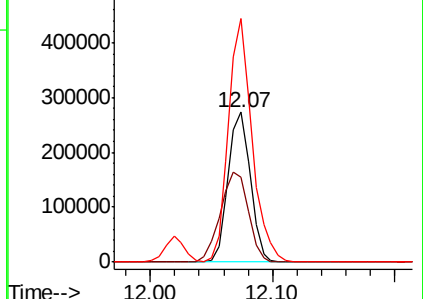
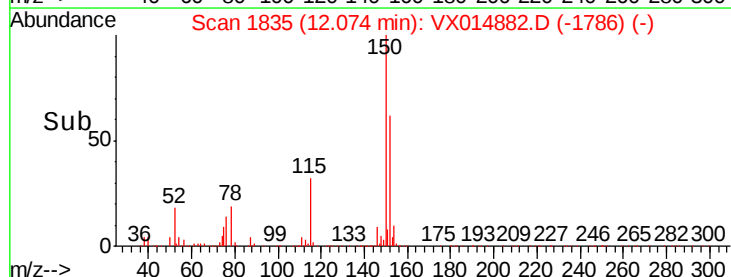
150 172.3 0.0 349.0

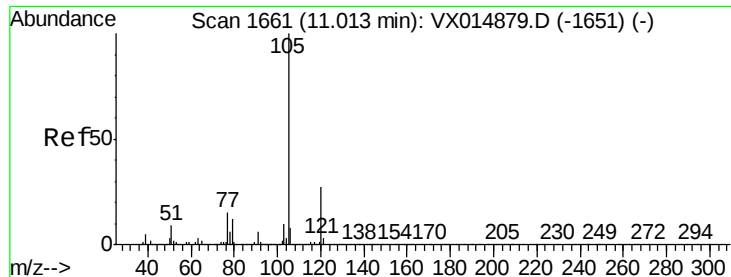


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.998 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampled :

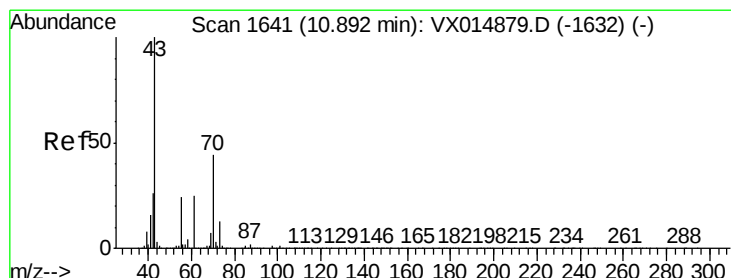
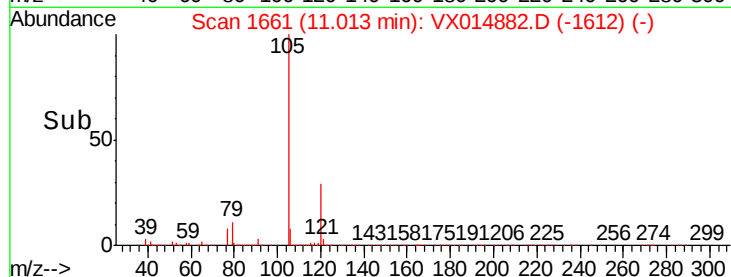
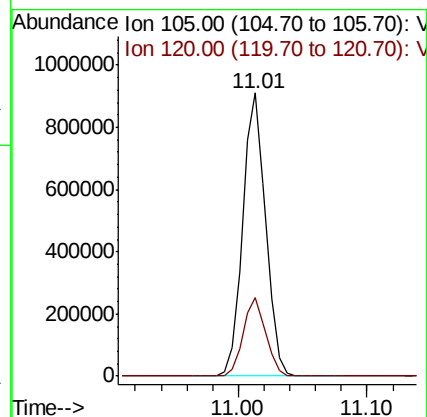
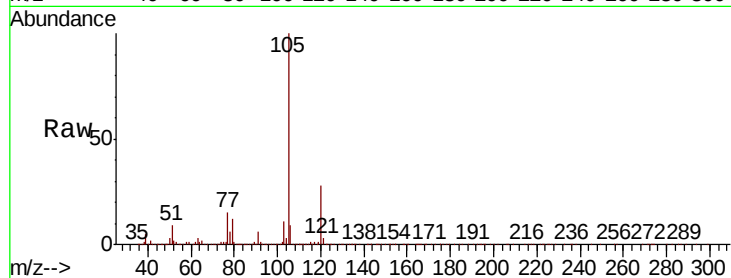
ICVX021020

Tot Ion:105 Resp: 1115714

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



#74

N-ethyl acetate

Concen: 54.422 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion: 43 Resp: 485194

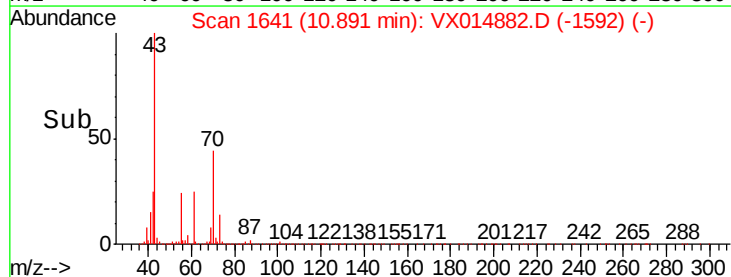
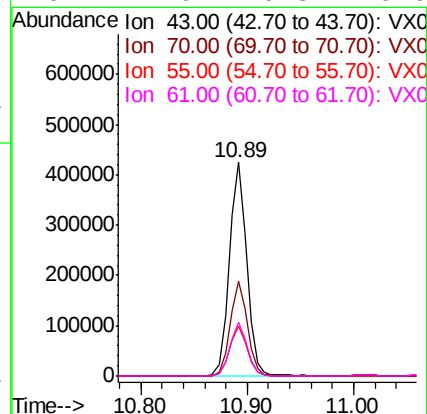
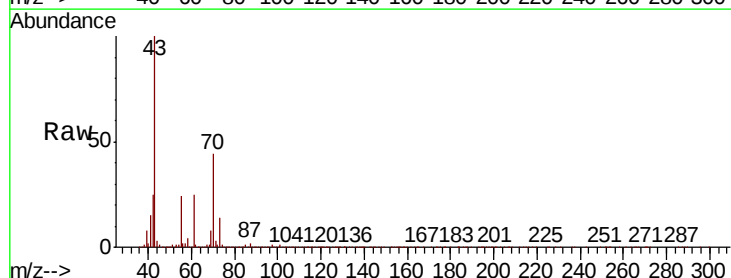
Ion Ratio Lower Upper

43 100

70 44.0 35.0 52.4

55 23.7 19.4 29.2

61 24.9 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.693 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

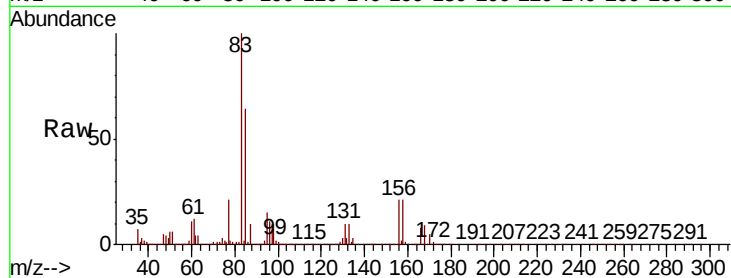
Tot Ion: 83 Resp: 355567

Ion Ratio Lower Upper

83 100

131 10.6 5.3 16.1

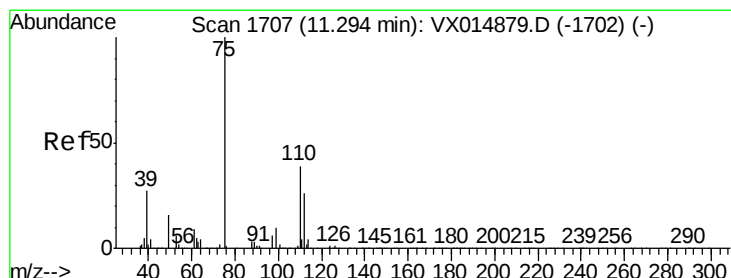
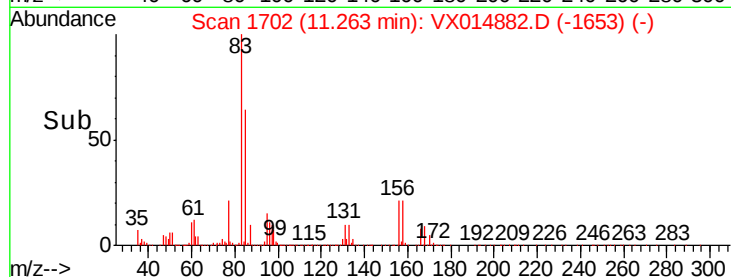
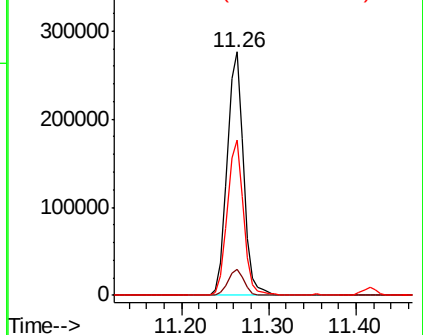
85 63.4 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.016 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014882.D

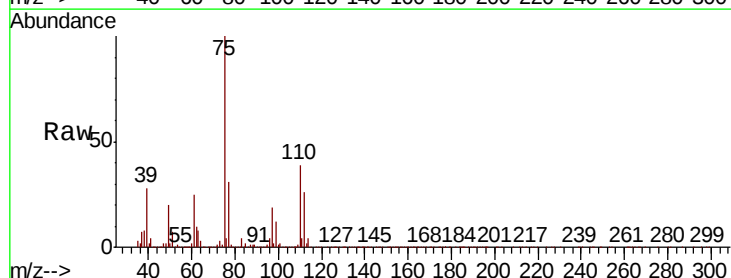
Acq: 10 Feb 2020 12:22

Tgt Ion: 75 Resp: 414646

Ion Ratio Lower Upper

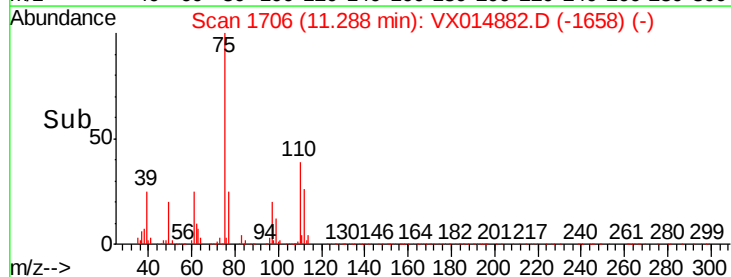
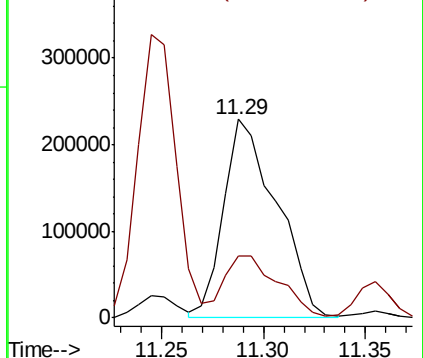
75 100

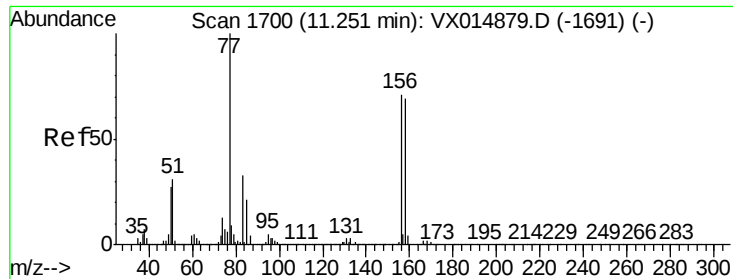
77 32.3 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.345 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX021020

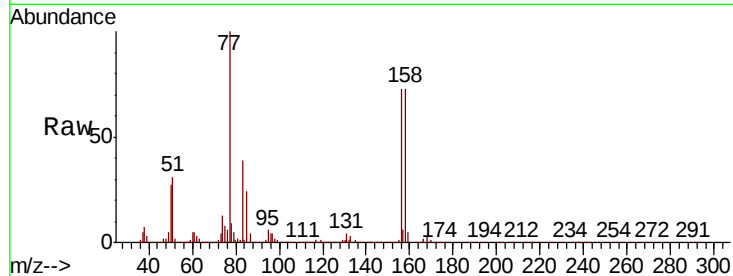
Tot Ion:156 Resp: 295524

Ion Ratio Lower Upper

156 100

77 145.4 74.0 222.0

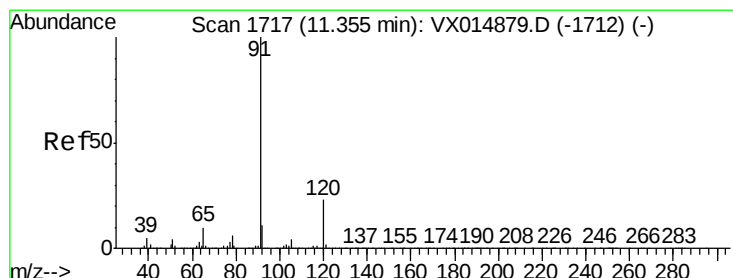
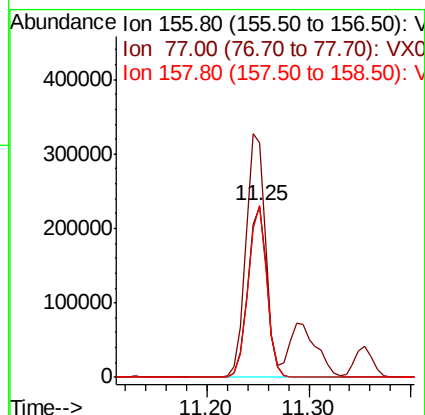
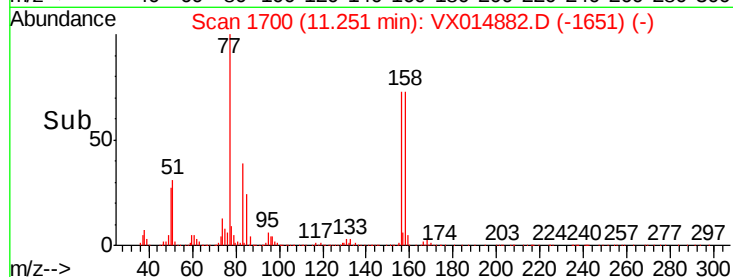
158 98.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.588 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014882.D

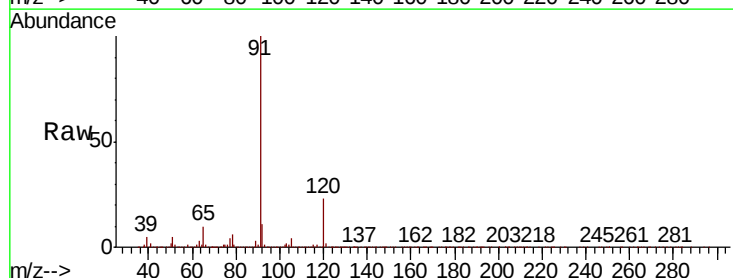
Acq: 10 Feb 2020 12:22

Tgt Ion: 91 Resp: 1280268

Ion Ratio Lower Upper

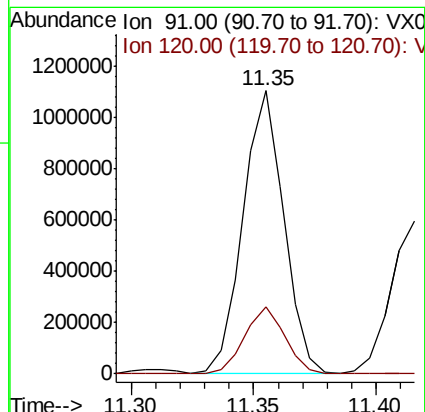
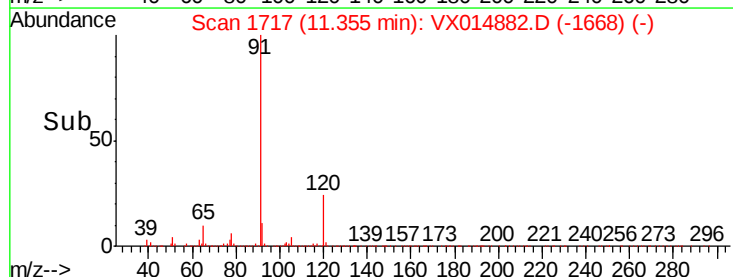
91 100

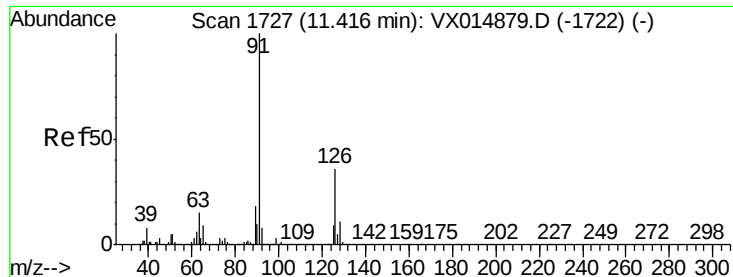
120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

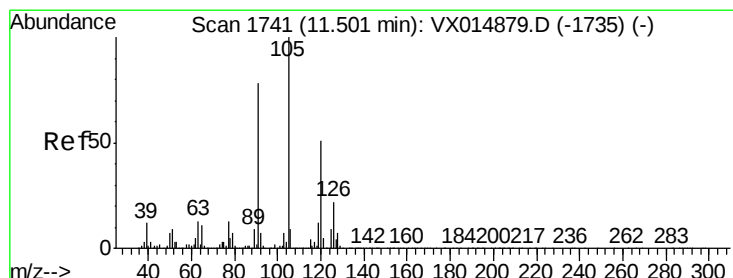
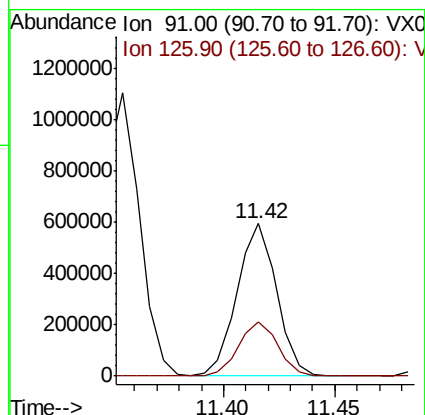
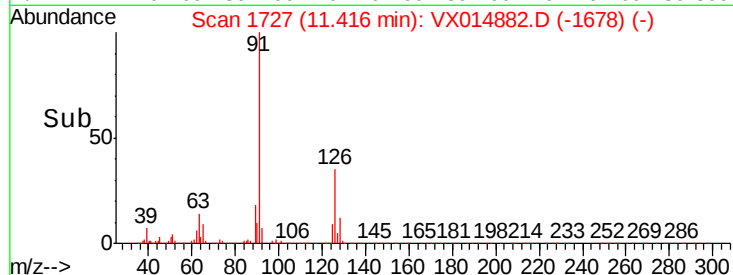
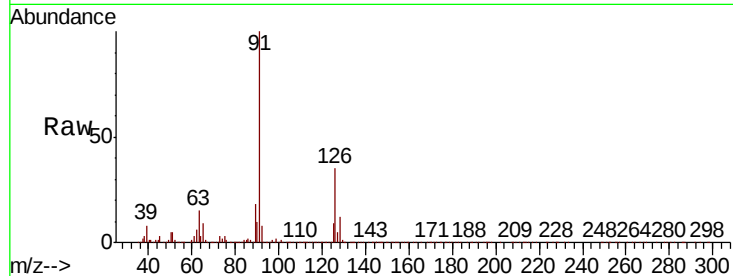




#79
 2-Chlorotoluene
 Concen: 50.406 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

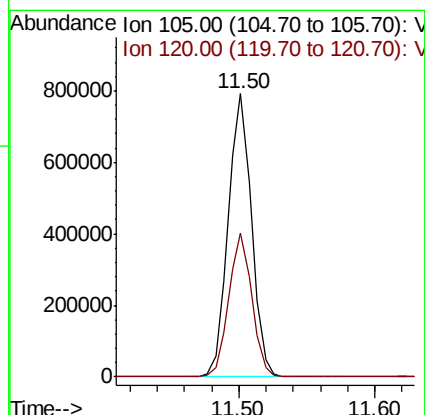
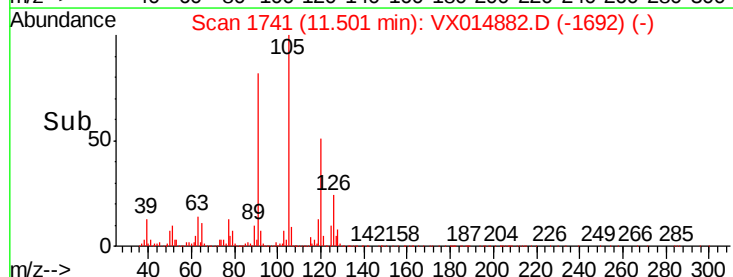
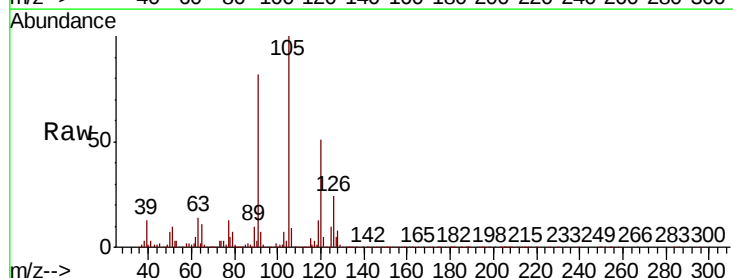
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

Tot Ion: 91 Resp: 735416
 Ion Ratio Lower Upper
 91 100
 126 35.5 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.303 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion: 105 Resp: 937716
 Ion Ratio Lower Upper
 105 100
 120 50.2 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.348 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

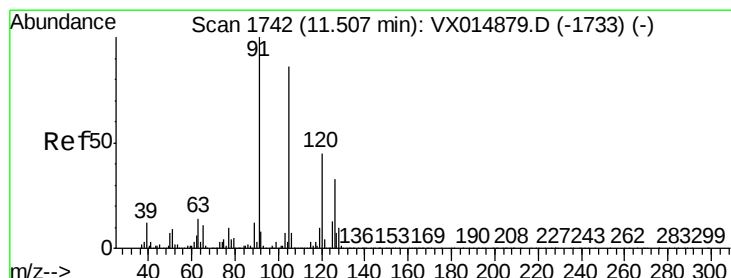
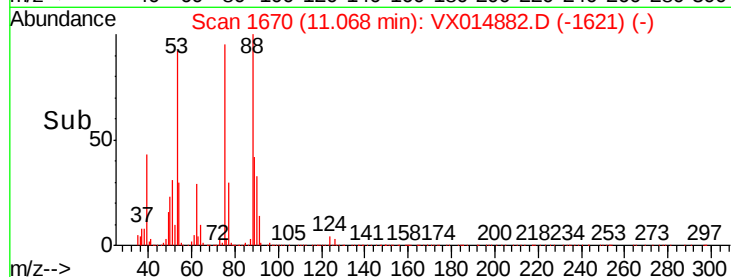
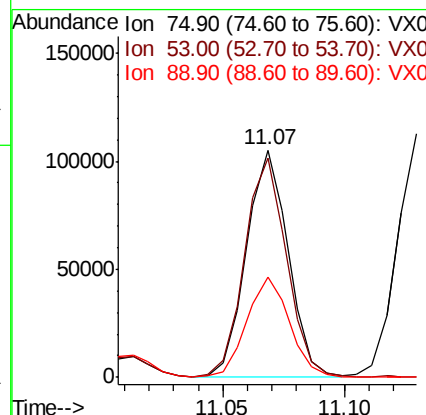
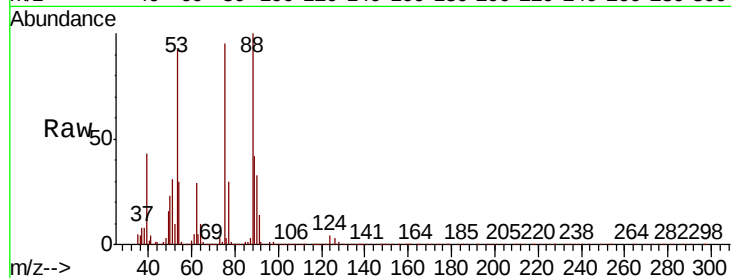
Tot Ion: 75 Resp: 124119

Ion Ratio Lower Upper

75 100

53 97.3 76.2 114.2

89 45.9 35.8 53.6



#82

4-Chlorotoluene

Concen: 50.138 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014882.D

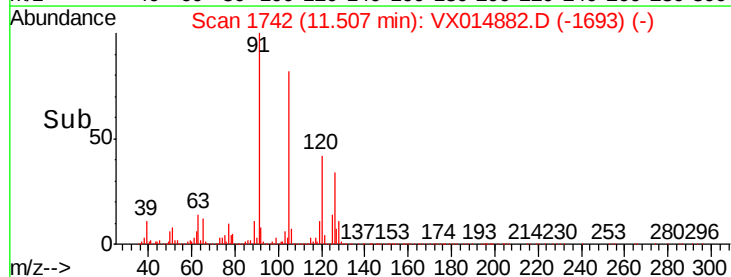
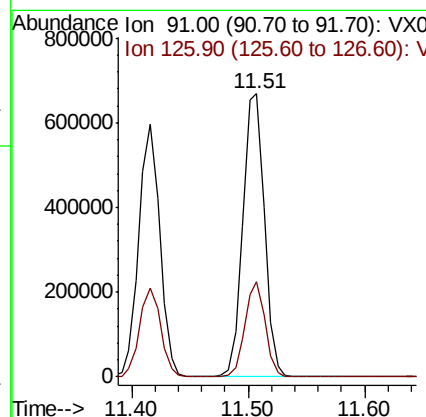
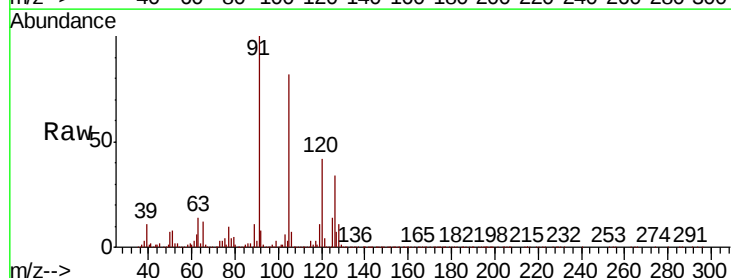
Acq: 10 Feb 2020 12:22

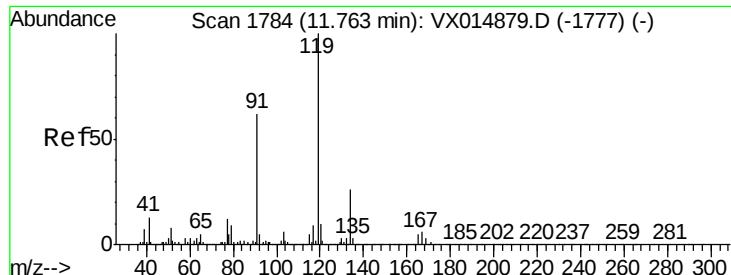
Tgt Ion: 91 Resp: 866269

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.0





#83

tert-Butylbenzene

Concen: 53.744 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVX021020

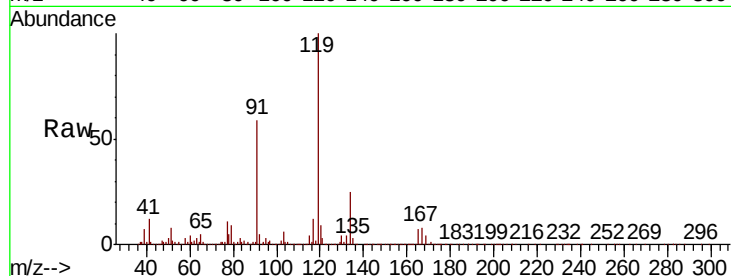
Tot Ion:119 Resp: 912437

Ion Ratio Lower Upper

119 100

91 56.6 29.5 88.6

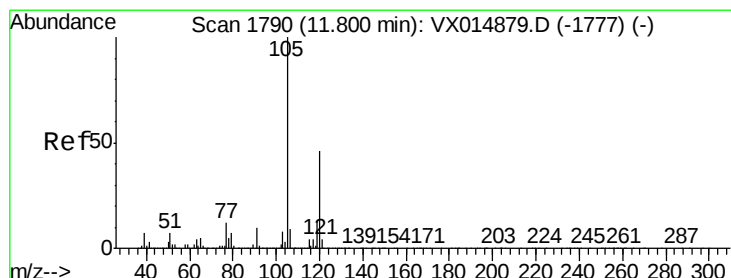
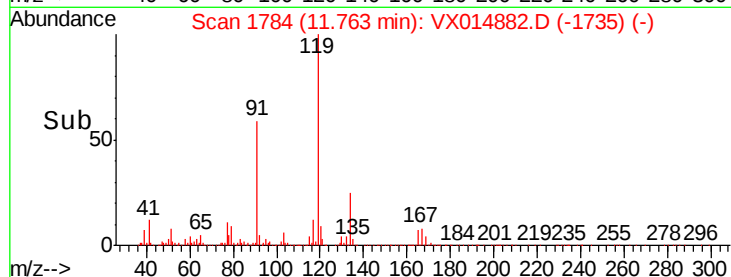
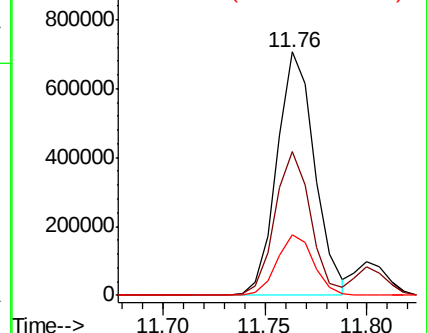
134 24.2 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.362 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014882.D

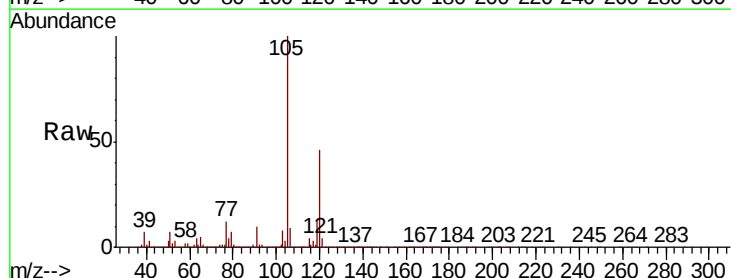
Acq: 10 Feb 2020 12:22

Tgt Ion:105 Resp: 946062

Ion Ratio Lower Upper

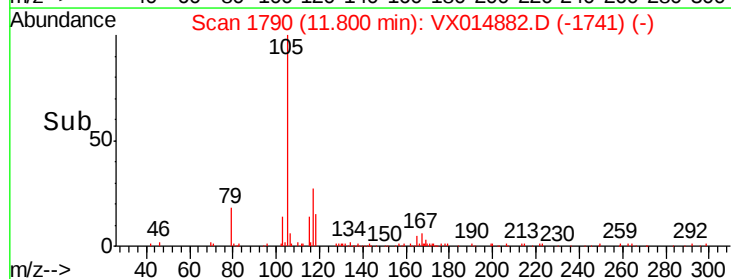
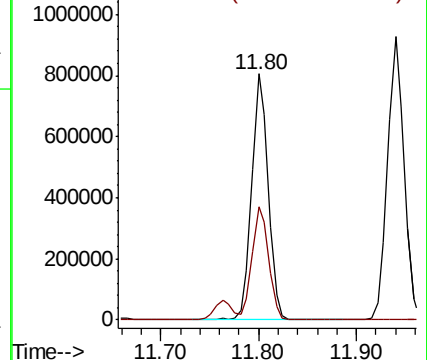
105 100

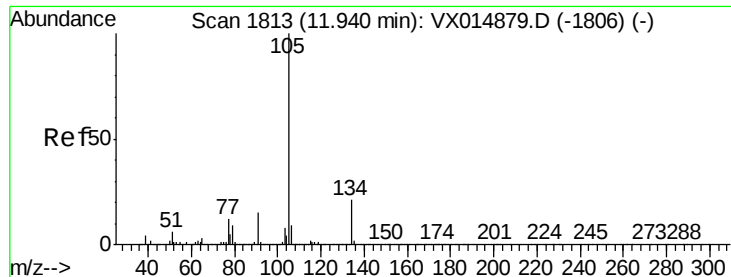
120 45.9 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.543 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

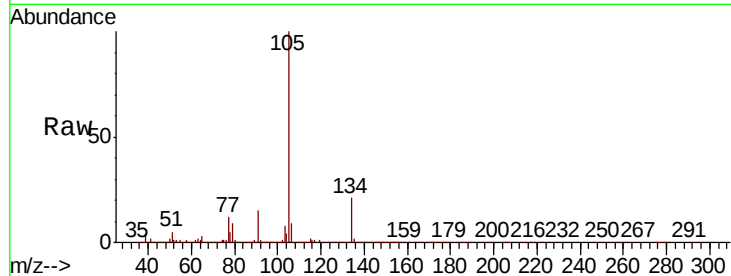
ICVX021020

Tot Ion:105 Resp: 1087094

Ion Ratio Lower Upper

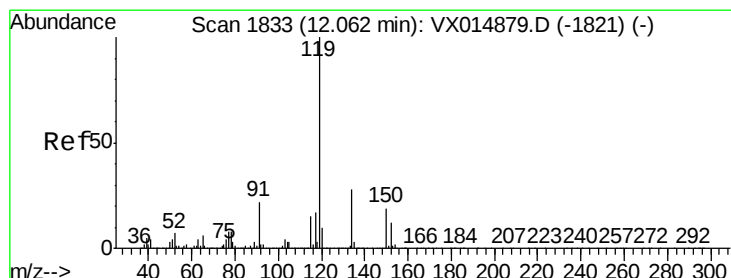
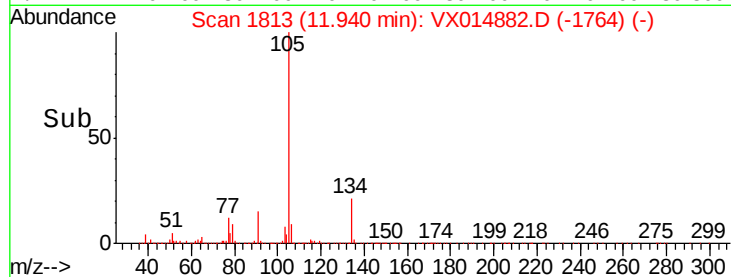
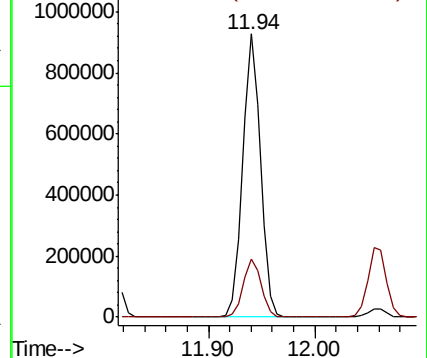
105 100

134 21.0 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.601 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

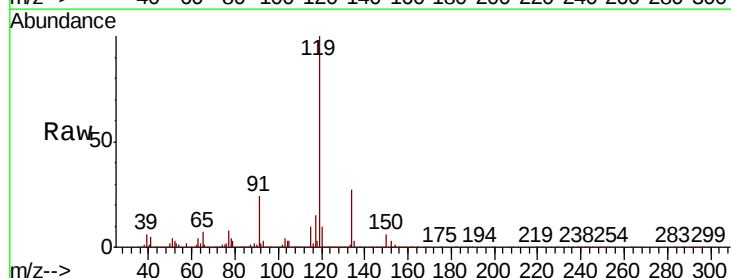
Tgt Ion:119 Resp: 1018420

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

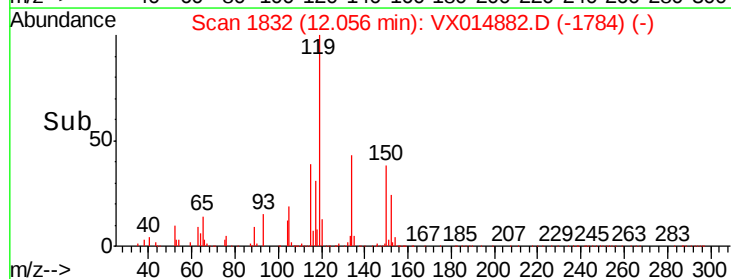
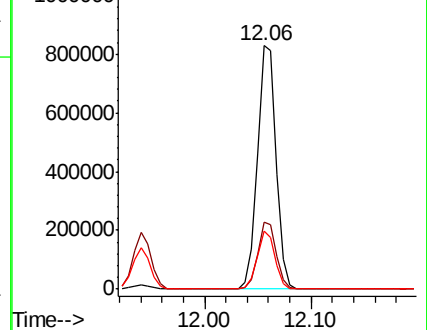
91 22.6 11.4 34.1

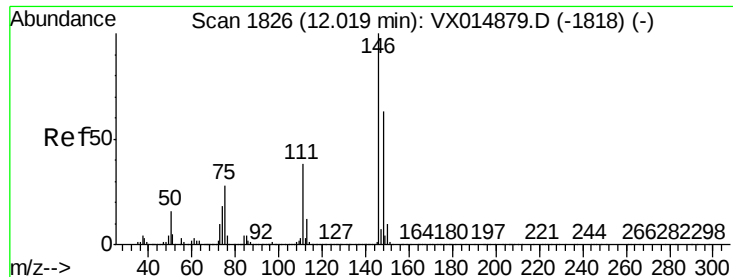


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.882 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

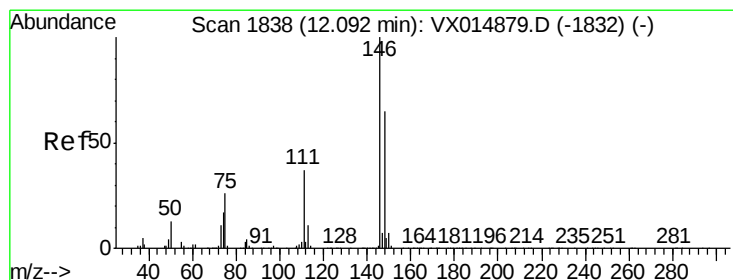
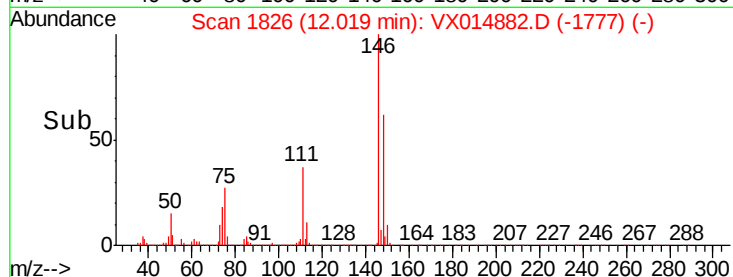
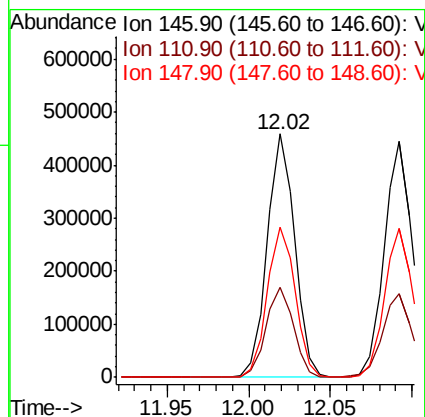
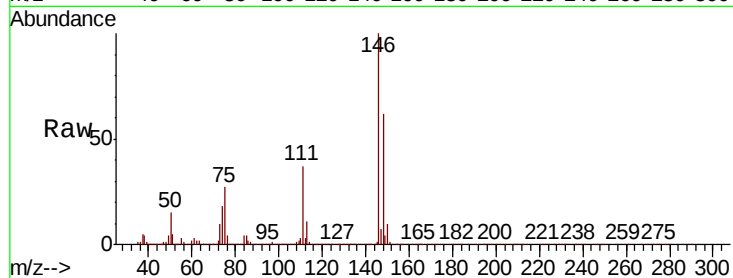
Tot Ion:146 Resp: 535928

Ion Ratio Lower Upper

146 100

111 37.2 18.6 56.0

148 63.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.657 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

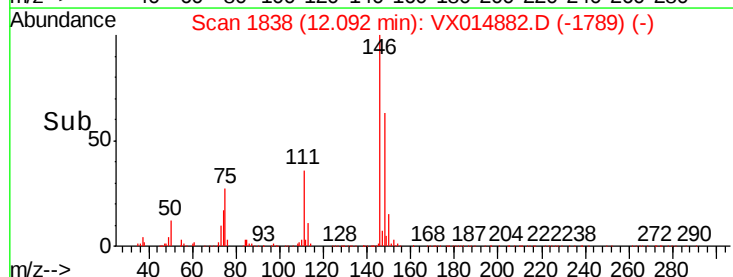
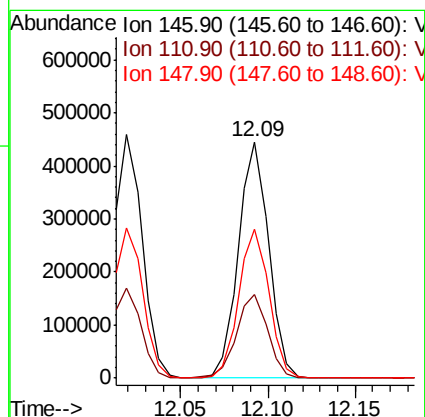
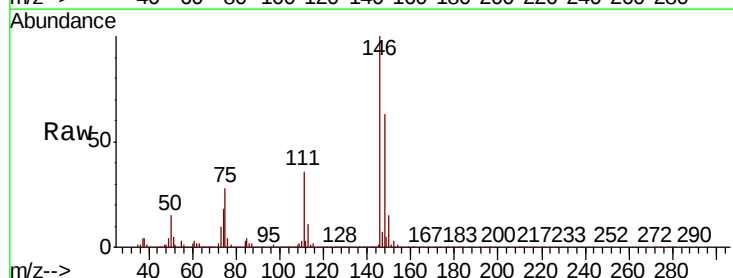
Tgt Ion:146 Resp: 533844

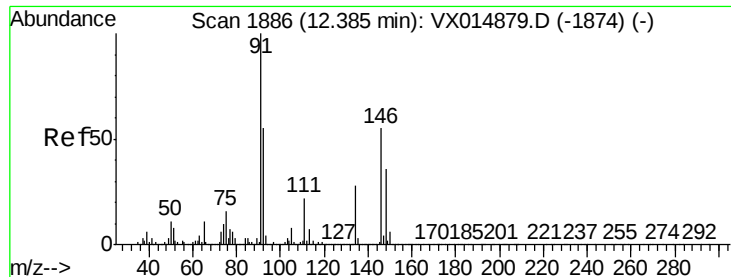
Ion Ratio Lower Upper

146 100

111 36.7 18.6 55.6

148 63.5 32.4 97.0

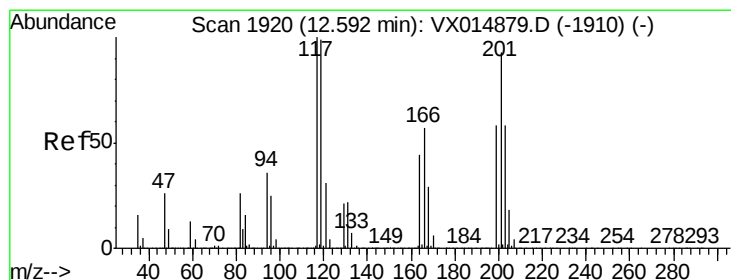
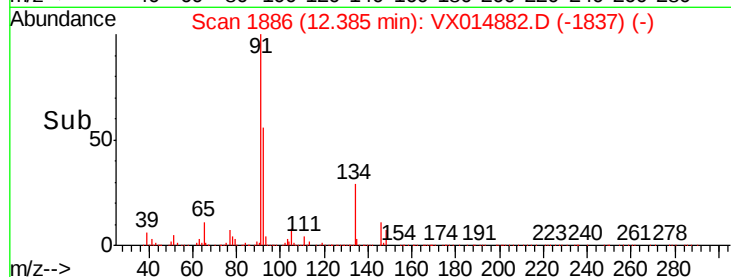
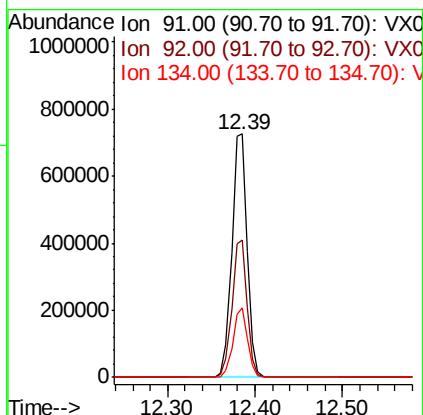
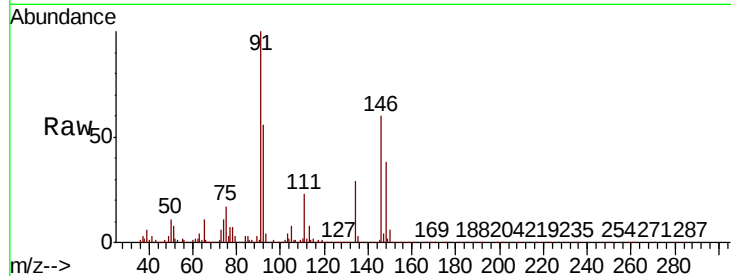




#89
n-Butylbenzene
Concen: 50.375 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

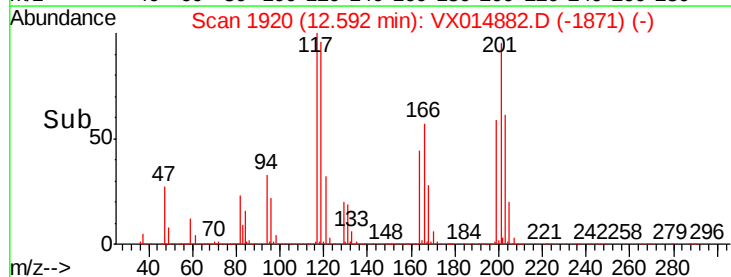
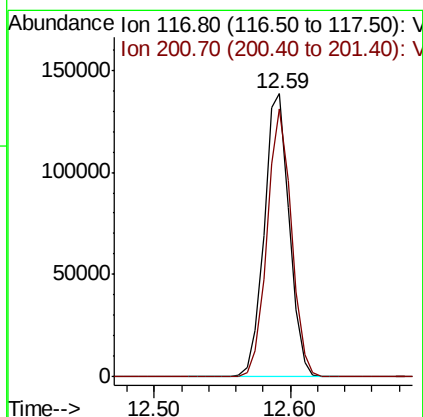
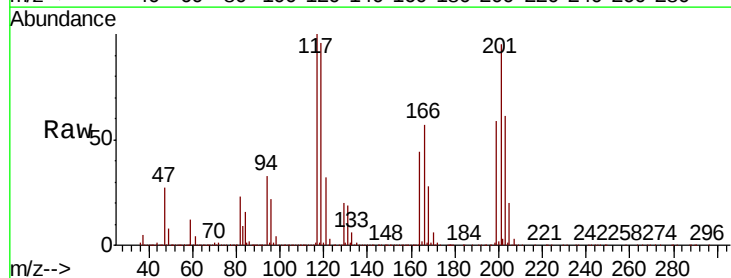
Instrument :
MSVOA_X
ClientSampleId :
ICVVX021020

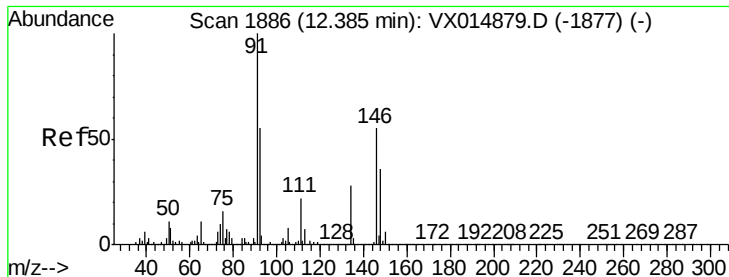
Tot Ion: 91 Resp: 890441
Ion Ratio Lower Upper
91 100
92 55.3 27.3 81.8
134 27.3 13.8 41.4



#90
Hexachloroethane
Concen: 51.956 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014882.D
Acq: 10 Feb 2020 12:22

Tgt Ion: 117 Resp: 179077
Ion Ratio Lower Upper
117 100
201 91.7 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 49.683 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

MSVOA_X

ClientSampleId :

ICVVX021020

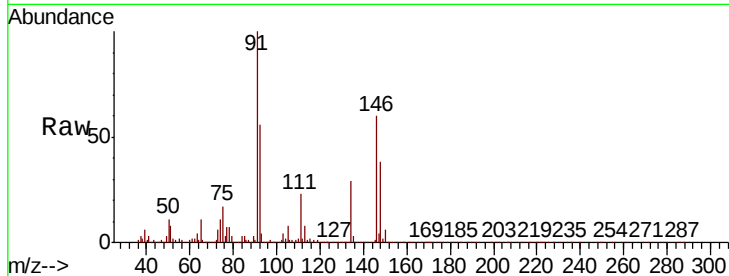
Tot Ion:146 Resp: 523469

Ion Ratio Lower Upper

146 100

111 39.1 19.8 59.3

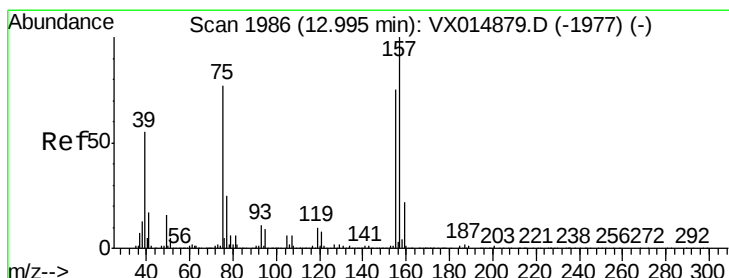
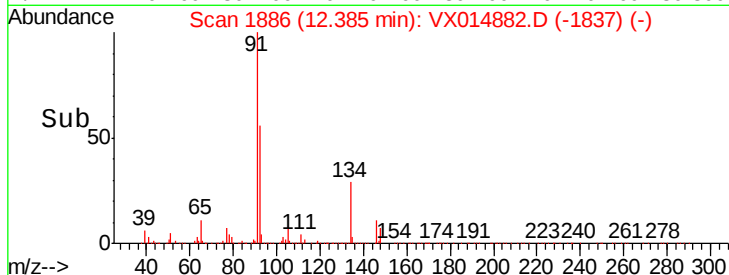
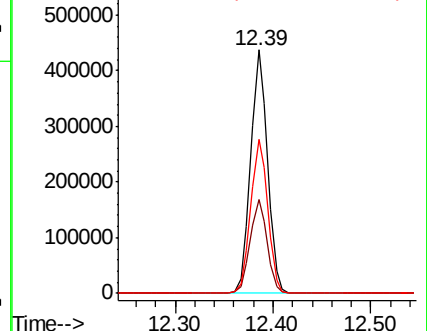
148 64.3 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.874 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

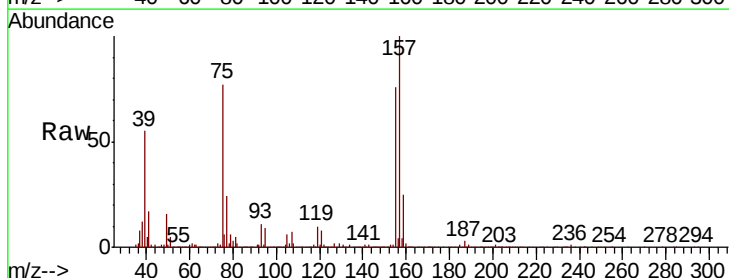
Tgt Ion: 75 Resp: 78778

Ion Ratio Lower Upper

75 100

155 96.6 48.6 145.9

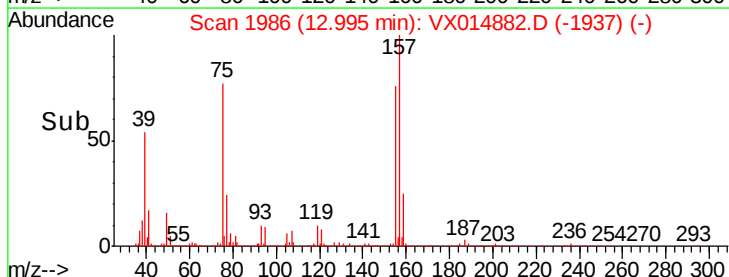
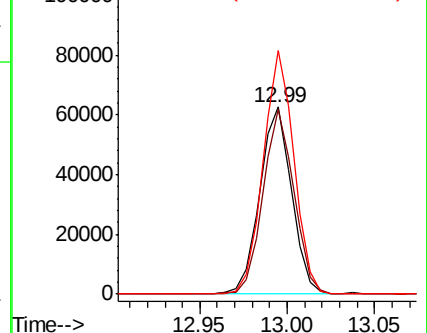
157 126.2 62.0 186.0

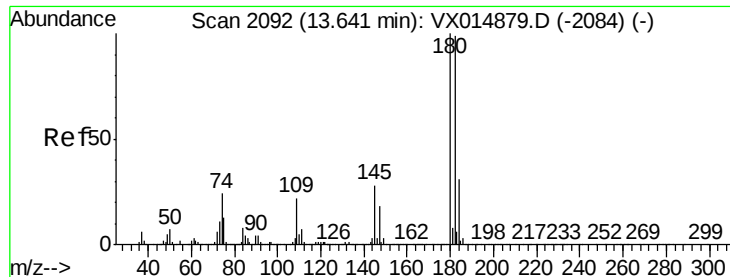


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

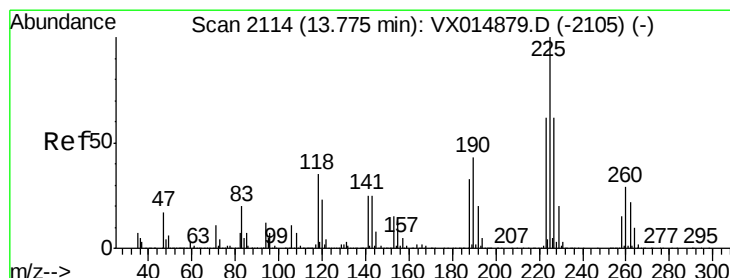
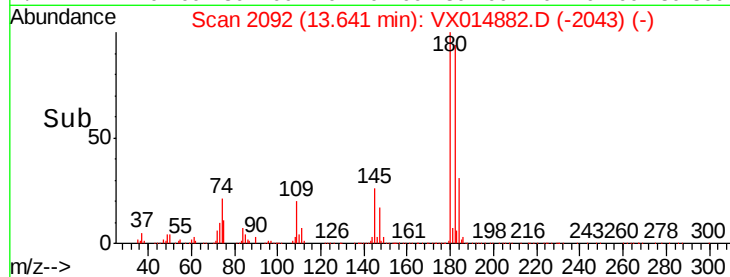
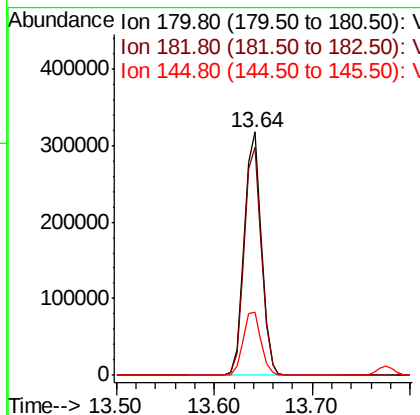
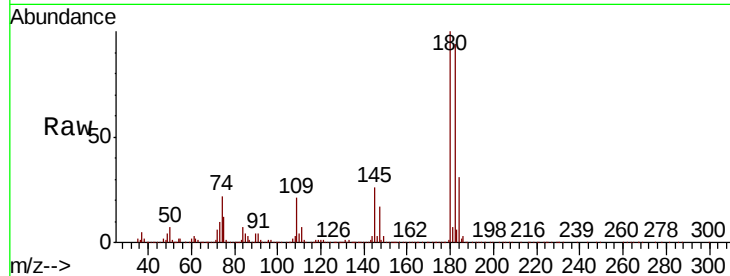




#93
 1,2,4-Trichlorobenzene
 Concen: 49.793 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

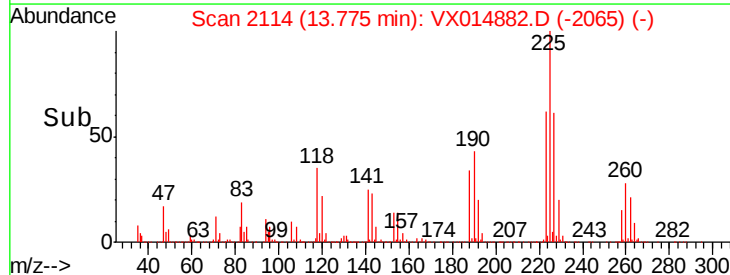
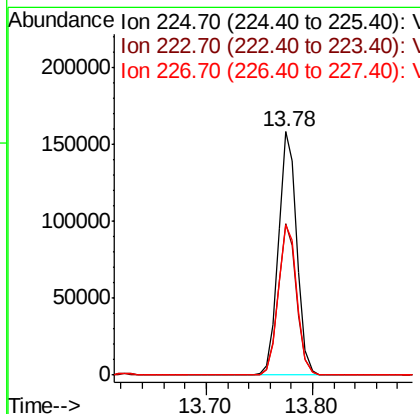
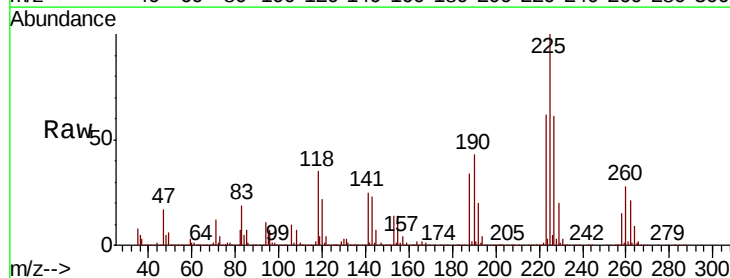
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX021020

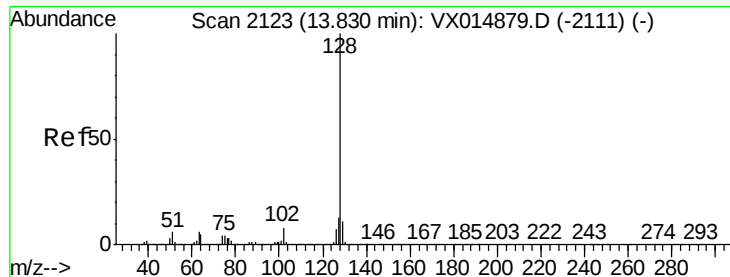
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	48.4	145.3
145	27.1	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 50.594 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014882.D
 Acq: 10 Feb 2020 12:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	31.1	93.2
227	62.4	30.9	92.5





#95

Naphthalene

Concen: 53.195 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Instrument :

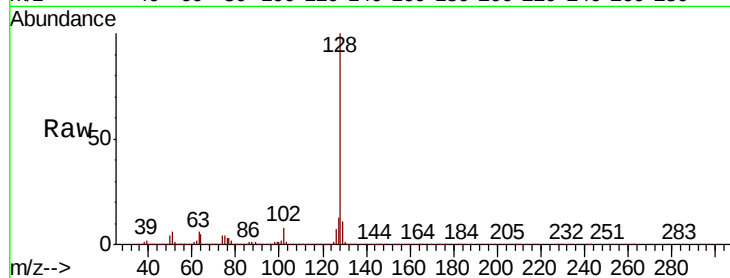
MSVOA_X

ClientSampleId :

ICVVX021020

Tot Ion:128 Resp: 1099927

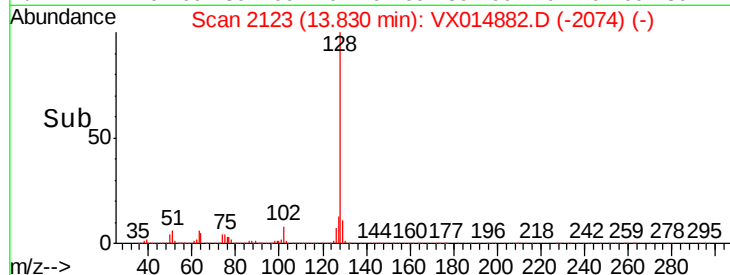
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.6	13.0



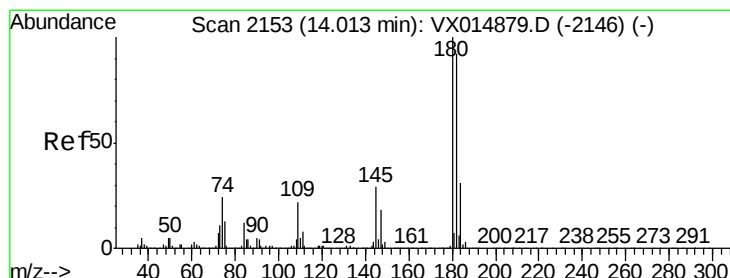
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 49.639 ug/l

RT: 14.01 min Scan# 2153

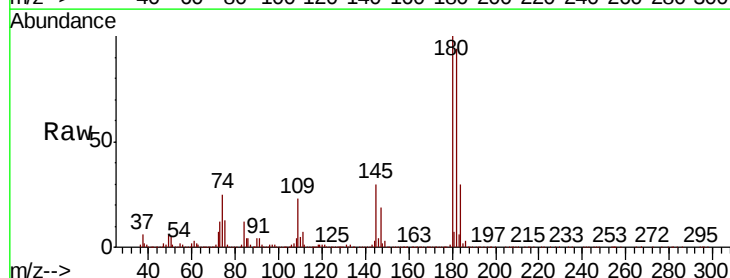
Delta R.T. -0.00 min

Lab File: VX014882.D

Acq: 10 Feb 2020 12:22

Tgt Ion:180 Resp: 372965

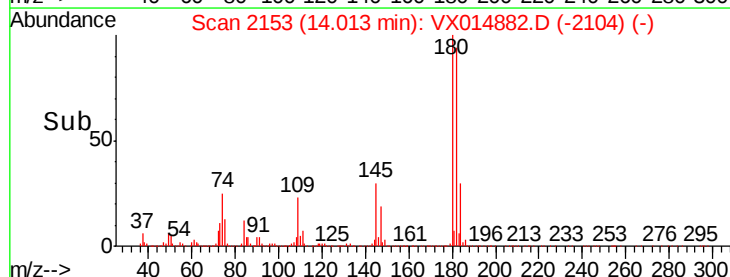
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	29.8	14.5	43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->