

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
 Data File : VX014881.D
 Acq On : 10 Feb 2020 11:46
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 10 12:08:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 11:22:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	437427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	625492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	349409	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	742770	132.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.98%	
35) Dibromofluoromethane	5.49	113	612322	128.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	256.80%	
50) Toluene-d8	8.71	98	2359075	146.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	292.52%	
62) 4-Bromofluorobenzene	11.14	95	897875	164.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	664416	166.47	ug/l	99
3) Chloromethane	1.32	50	743576	161.43	ug/l	99
4) Vinyl Chloride	1.41	62	782150	157.01	ug/l	99
5) Bromomethane	1.63	94	560446	176.03	ug/l	97
6) Chloroethane	1.70	64	472016	144.94	ug/l	100
7) Trichlorofluoromethane	1.92	101	1074153	153.17	ug/l	100
8) Diethyl Ether	2.18	74	437482	149.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	596647	144.04	ug/l	100
10) Methyl Iodide	2.50	142	724645	217.57	ug/l	99
11) Tert butyl alcohol	3.05	59	695065	815.46	ug/l	99
12) 1,1-Dichloroethene	2.36	96	617380	156.01	ug/l	99
13) Acrolein	2.28	56	508134	773.13	ug/l	99
14) Allyl chloride	2.72	41	1072999	151.71	ug/l	99
15) Acrylonitrile	3.14	53	1722760	791.70	ug/l	99
16) Acetone	2.44	43	1894538	616.37	ug/l	99
17) Carbon Disulfide	2.56	76	1756740	160.34	ug/l	99
18) Methyl Acetate	2.76	43	782784	161.19	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	2024532	158.04	ug/l	98
20) Methylene Chloride	2.85	84	672097	137.91	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	669707	151.89	ug/l	98
22) Diisopropyl ether	3.84	45	2087609	155.66	ug/l	94
23) Vinyl Acetate	3.81	43	8546798	769.81	ug/l	99
24) 1,1-Dichloroethane	3.69	63	1158942	152.13	ug/l	99
25) 2-Butanone	4.66	43	2565891	771.05	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1006540	153.34	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	755333	154.45	ug/l	99
28) Bromochloromethane	5.01	49	450556	176.34	ug/l	100
29) Tetrahydrofuran	5.11	42	1510068	811.29	ug/l	100
30) Chloroform	5.20	83	1160938	153.26	ug/l	99
31) Cyclohexane	5.57	56	1053346	157.86	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	1027272	156.99	ug/l	99
36) 1,1-Dichloropropene	5.79	75	912547	156.95	ug/l	100
37) Ethyl Acetate	4.82	43	950061	156.44	ug/l	100
38) Carbon Tetrachloride	5.78	117	902001	160.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1122484	153.02	ug/l	100
40) Benzene	6.14	78	2657462	151.12	ug/l	97
41) Methacrylonitrile	5.03	41	535899	167.23	ug/l	99
42) 1,2-Dichloroethane	6.19	62	940617	146.60	ug/l	99
43) Isopropyl Acetate	6.43	43	1625399	164.37	ug/l	99
44) Trichloroethene	7.21	130	776148	152.20	ug/l	100
45) 1,2-Dichloropropane	7.51	63	682548	152.63	ug/l	99
46) Dibromomethane	7.65	93	462801	150.86	ug/l	99
47) Bromodichloromethane	7.89	83	953244	159.38	ug/l	97
48) Methyl methacrylate	7.76	41	821358	171.40	ug/l	99
49) 1,4-Dioxane	7.73	88	290780	3131.47	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	4877359	814.93	ug/l	98
52) Toluene	8.78	92	1712698	154.48	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	1109650	173.77	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	1181290	164.69	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	693368	154.26	ug/l	99
56) Ethyl methacrylate	9.17	69	1151774	178.24	ug/l	99
57) 1,3-Dichloropropane	9.37	76	1165892	153.71	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	2757004	787.97	ug/l	99
59) 2-Hexanone	9.49	43	3895156	833.98	ug/l	98
60) Dibromochloromethane	9.58	129	802908	172.18	ug/l	98
61) 1,2-Dibromoethane	9.67	107	747853	153.76	ug/l	100
64) Tetrachloroethene	9.33	164	896399	156.33	ug/l	98
65) Chlorobenzene	10.14	112	1908146	150.62	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	726590	161.39	ug/l	99
67) Ethyl Benzene	10.25	91	3362774	158.54	ug/l	100
68) m/p-Xylenes	10.36	106	2607805	320.07	ug/l	96
69) o-Xylene	10.70	106	1272672	163.01	ug/l	99
70) Styrene	10.71	104	2226404	171.92	ug/l	100
71) Bromoform	10.85	173	658232	182.53	ug/l	99
73) Isopropylbenzene	11.01	105	3293485	151.06	ug/l	99
74) N-amyl acetate	10.89	43	1534006	178.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	1081201	150.60	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	1302560	172.47	ug/l	91
77) Bromobenzene	11.25	156	911111	148.80	ug/l	99
78) n-propylbenzene	11.35	91	3839589	152.85	ug/l	99
79) 2-Chlorotoluene	11.42	91	2233884	150.29	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2875142	160.78	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	411322	194.89	ug/l	97
82) 4-Chlorotoluene	11.51	91	2700980	154.42	ug/l	100
83) tert-Butylbenzene	11.77	119	2712858	158.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2869063	158.32	ug/l	99
85) sec-Butylbenzene	11.94	105	3305165	155.60	ug/l	100
86) p-Isopropyltoluene	12.06	119	3148689	159.09	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	1669378	152.61	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	1671552	152.38	ug/l	99
89) n-Butylbenzene	12.39	91	2873943	164.03	ug/l	98
90) Hexachloroethane	12.59	117	577542	171.22	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	1640213	153.41	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	248783	146.33	ug/l	97

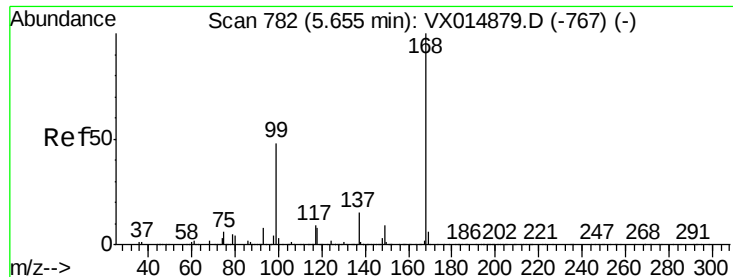
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	1256405	161.86	ug/l	98
94) Hexachlorobutadiene	13.78	225	591530	154.76	ug/l	99
95) Naphthalene	13.83	128	3466087	172.58	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1201100	159.64	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

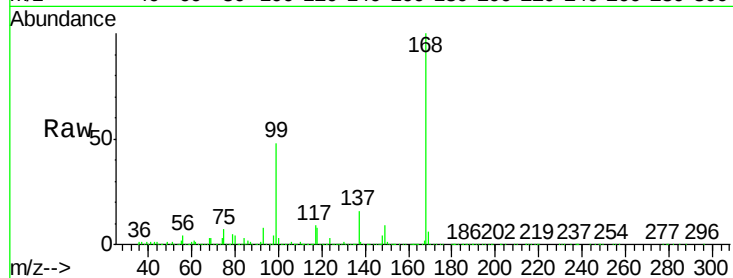
VSTDIC150

Tgt Ion:168 Resp: 437427

Ion Ratio Lower Upper

168 100

99 48.2 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

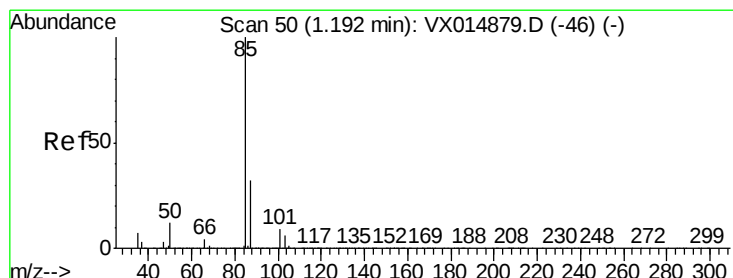
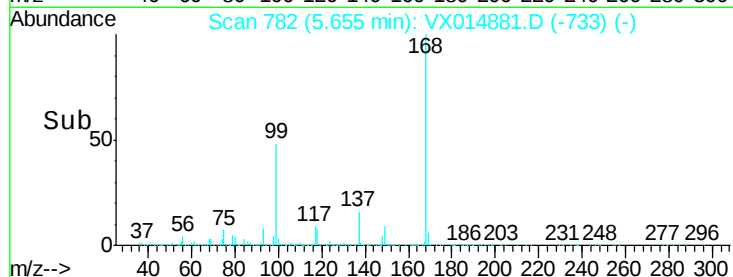
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 166.47 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014881.D

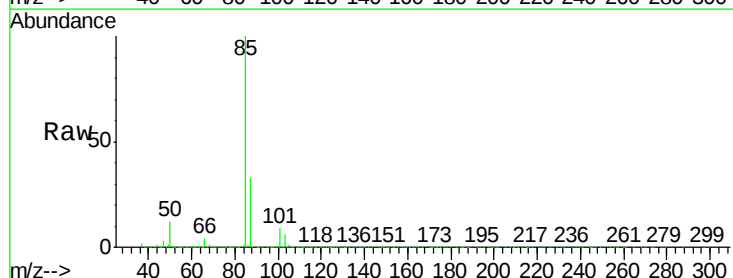
Acq: 10 Feb 2020 11:46

Tgt Ion: 85 Resp: 664416

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

800000

600000

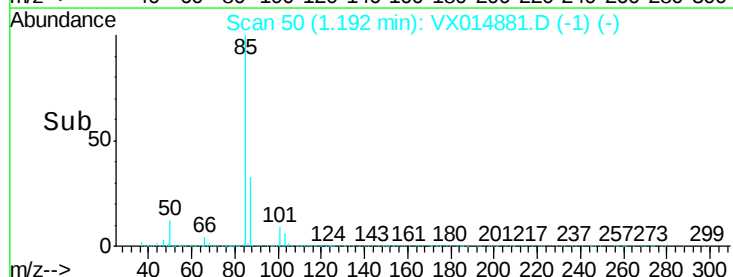
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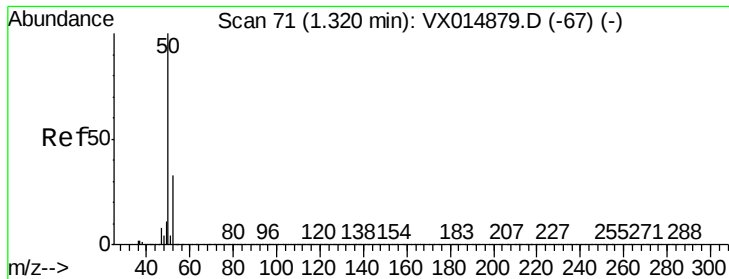
200000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 161.43 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

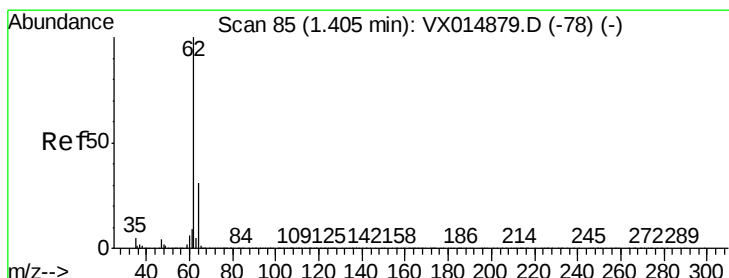
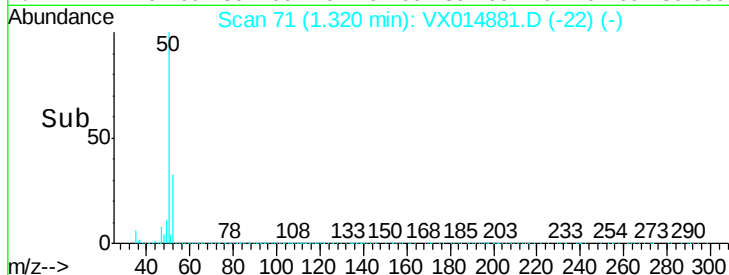
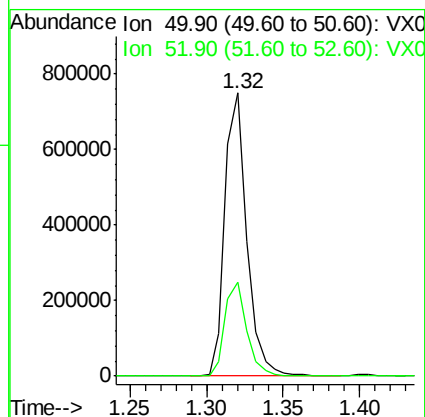
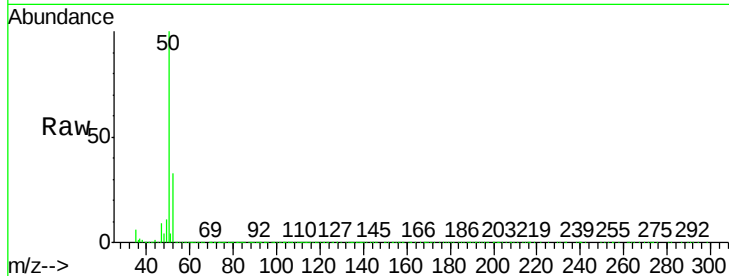
VSTDIC150

Tgt Ion: 50 Resp: 743576

Ion Ratio Lower Upper

50 100

52 33.0 26.2 39.2



#4

Vinyl Chloride

Concen: 157.01 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014881.D

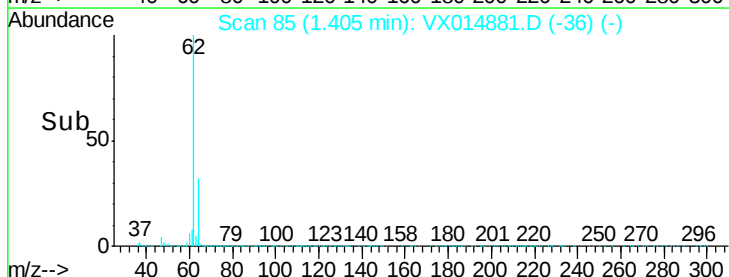
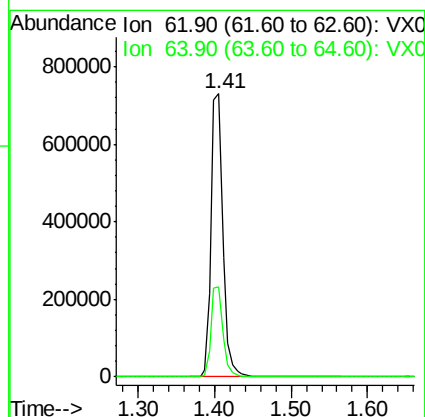
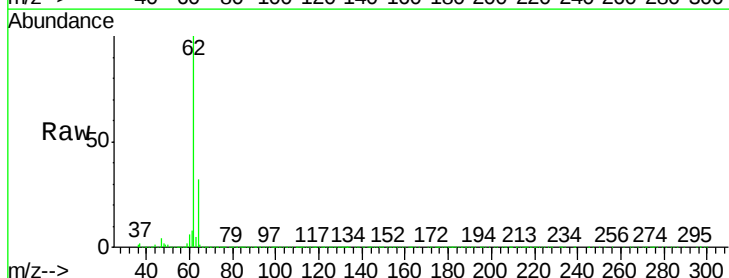
Acq: 10 Feb 2020 11:46

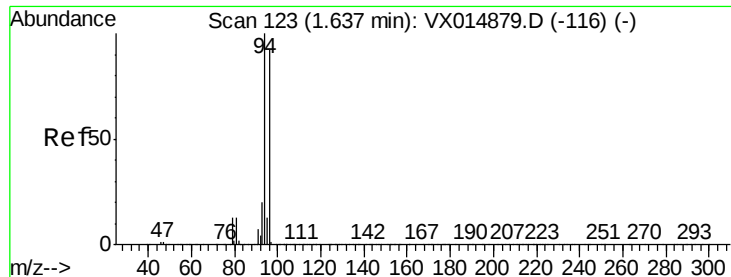
Tgt Ion: 62 Resp: 782150

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 176.03 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

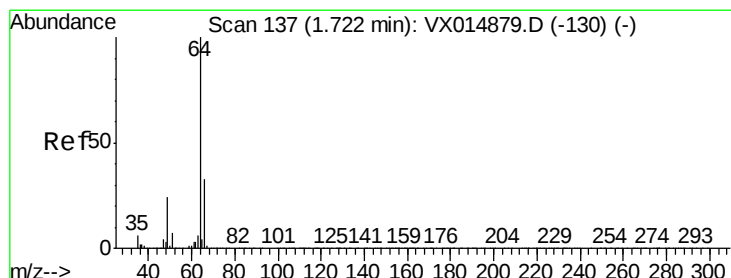
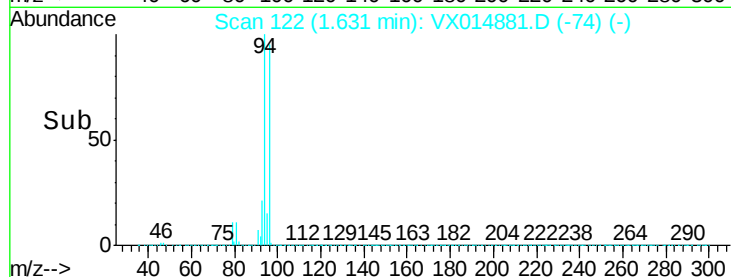
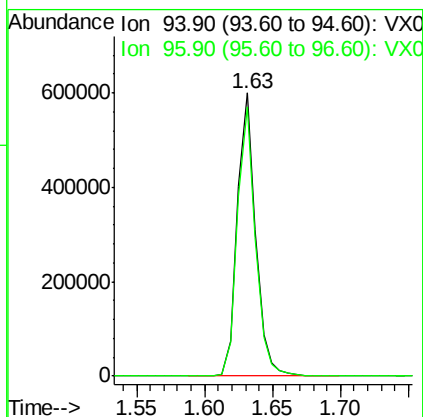
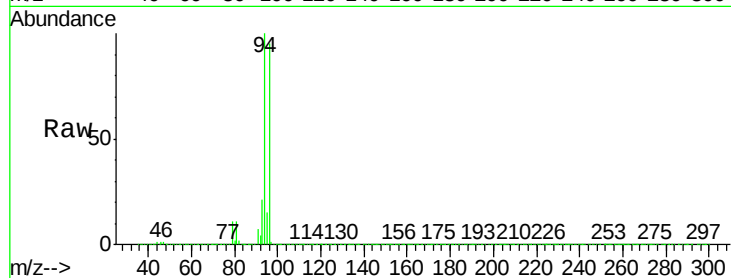
VSTDIC150

Tgt Ion: 94 Resp: 560446

Ion Ratio Lower Upper

94 100

96 95.3 73.7 110.5



#6

Chloroethane

Concen: 144.94 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.02 min

Lab File: VX014881.D

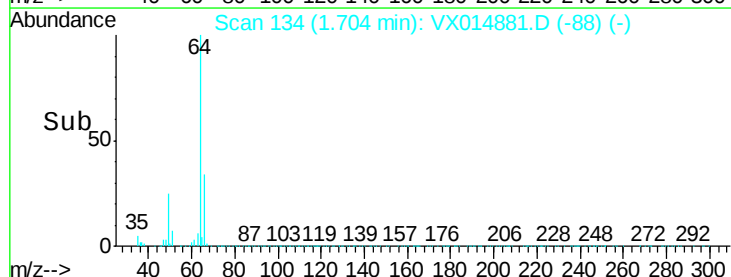
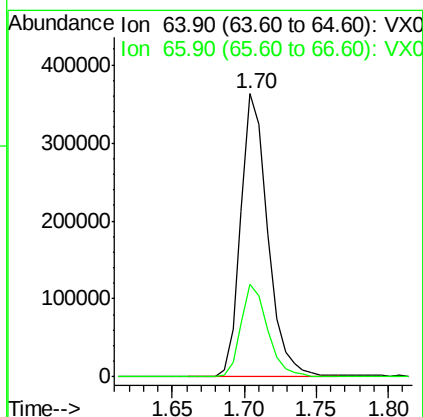
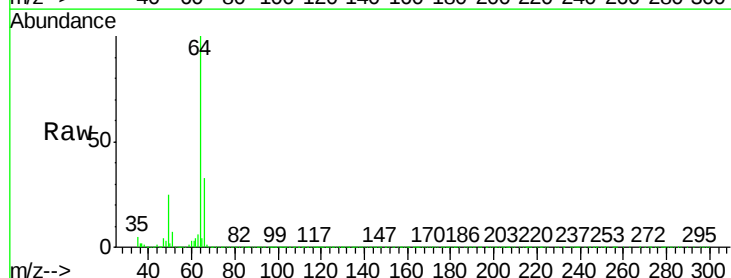
Acq: 10 Feb 2020 11:46

Tgt Ion: 64 Resp: 472016

Ion Ratio Lower Upper

64 100

66 32.7 26.2 39.4



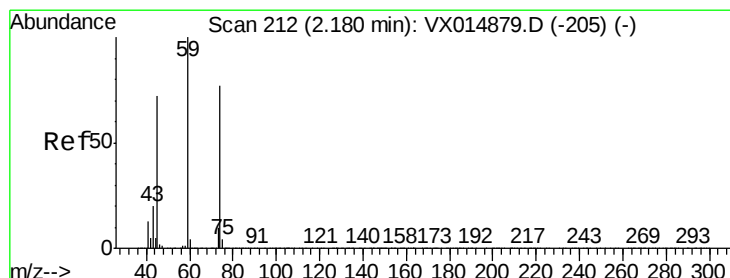
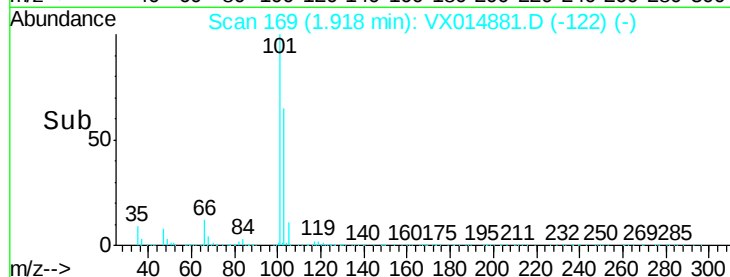
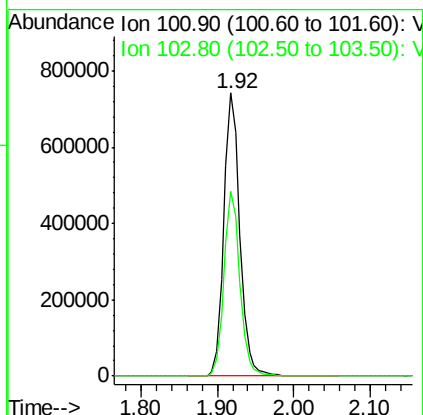
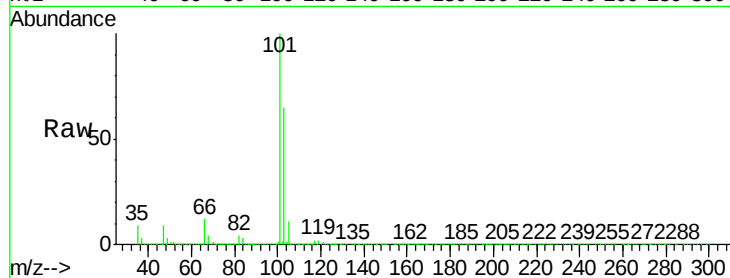


#7

Trichlorofluoromethane
Concen: 153.17 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX014881.D
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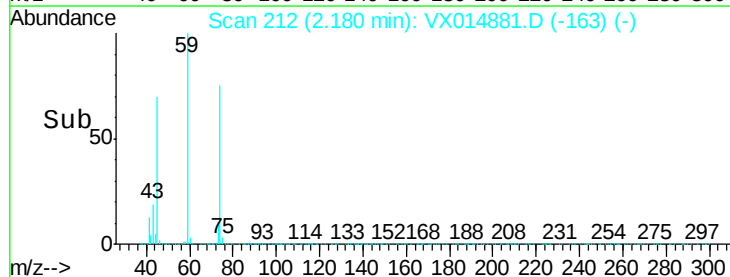
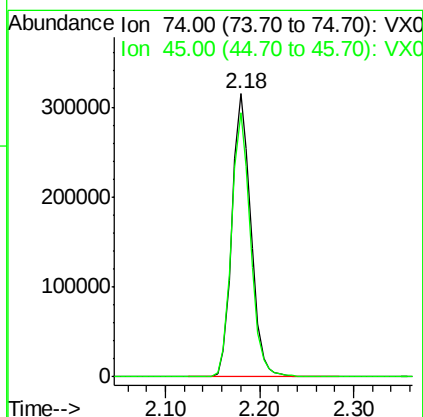
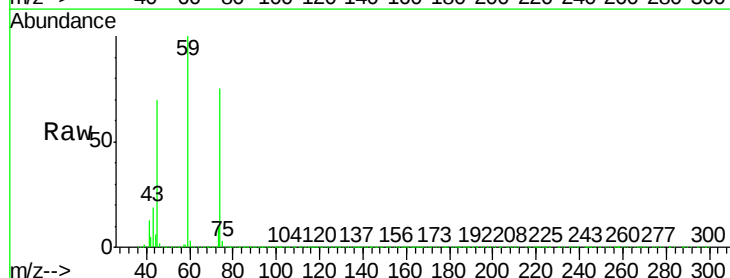
Tgt Ion:101 Resp: 1074153
Ion Ratio Lower Upper
101 100
103 65.4 52.2 78.4

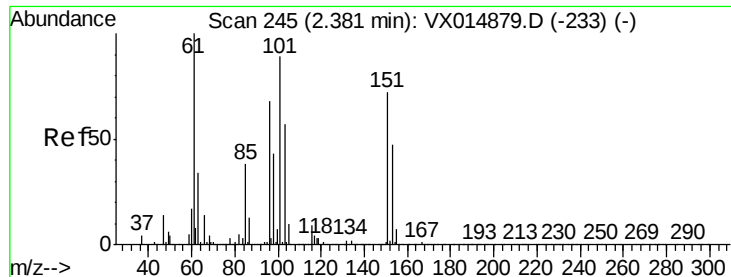


#8

Diethyl Ether
Concen: 149.26 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 74 Resp: 437482
Ion Ratio Lower Upper
74 100
45 93.7 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.04 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

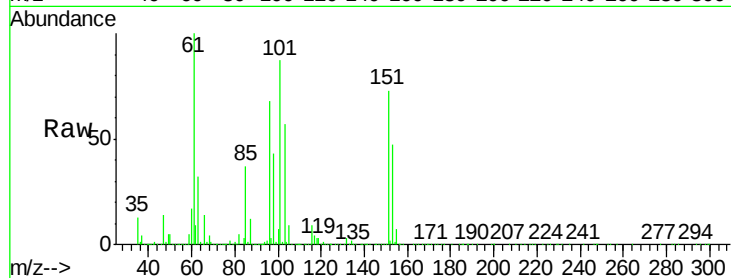
Tgt Ion:101 Resp: 596647

Ion Ratio Lower Upper

101 100

85 42.7 34.1 51.1

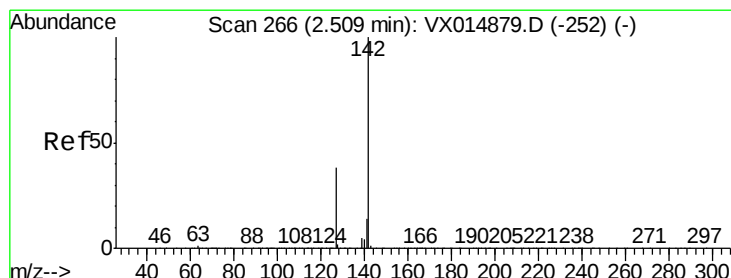
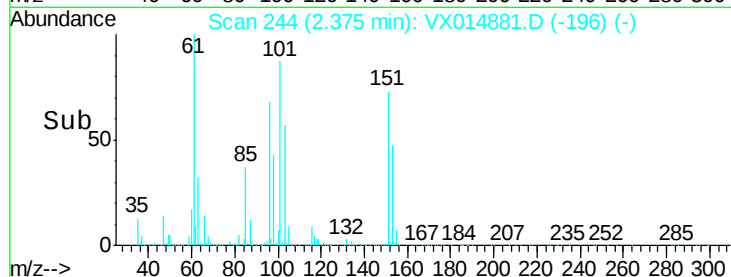
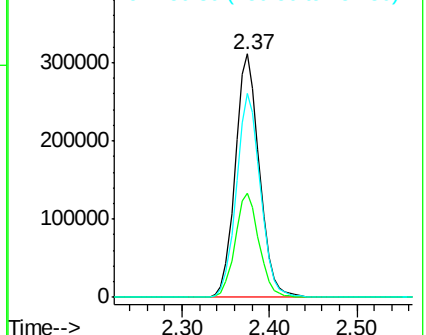
151 83.5 67.3 100.9



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: 217.57 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

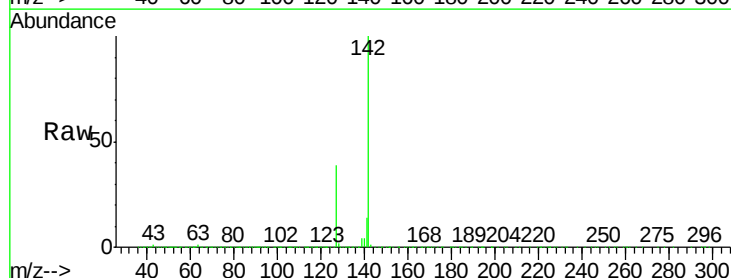
Tgt Ion:142 Resp: 724645

Ion Ratio Lower Upper

142 100

127 39.8 31.1 46.7

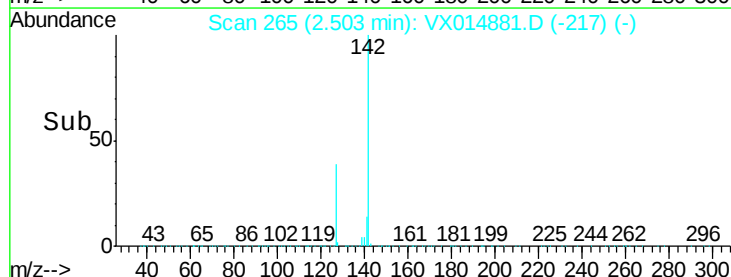
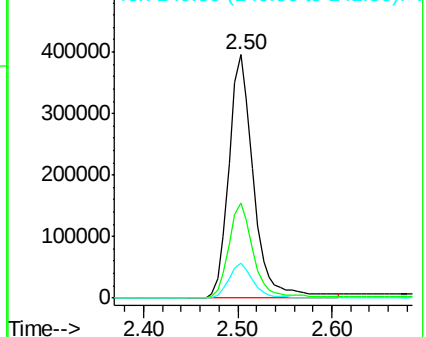
141 14.0 11.3 16.9

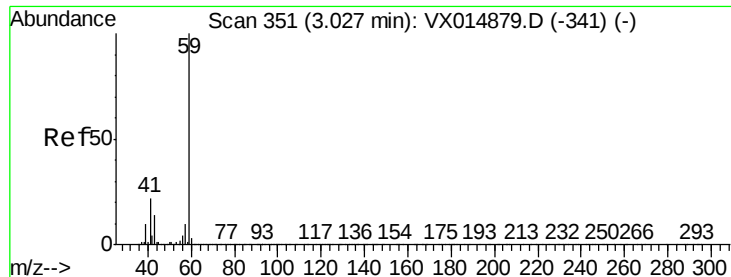


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



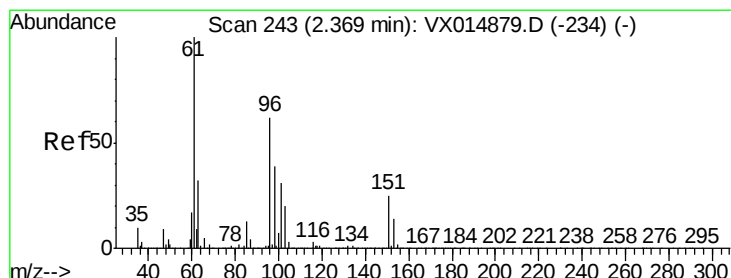
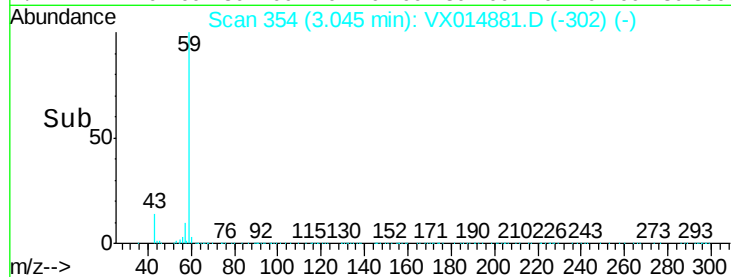
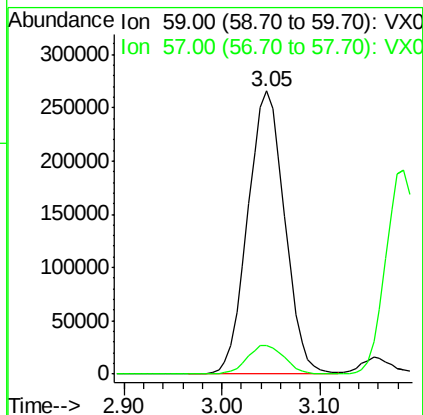
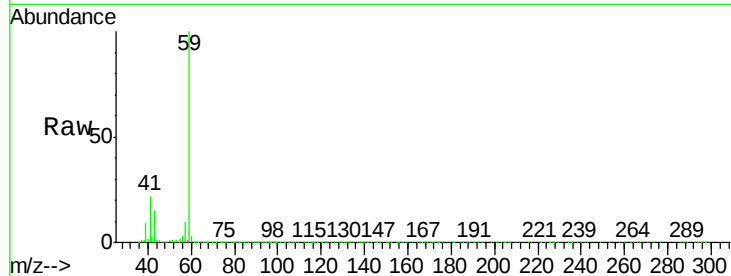


#11

Tert butyl alcohol
Concen: 815.46 ug/l
RT: 3.05 min Scan# 354
Delta R.T. 0.02 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

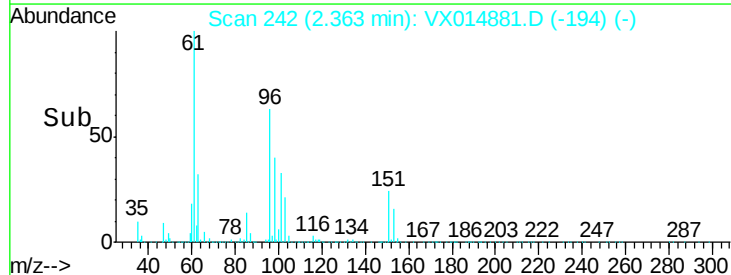
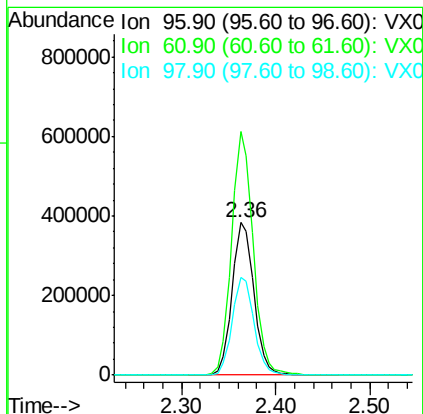
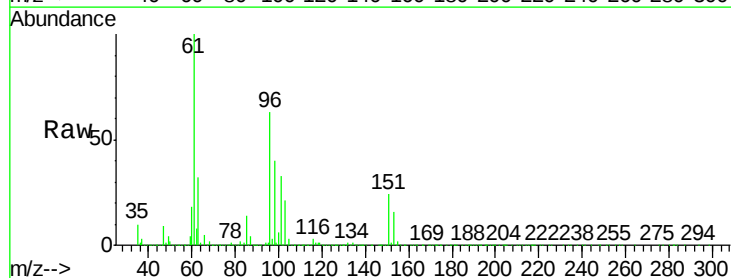
Tgt Ion: 59 Resp: 695065
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

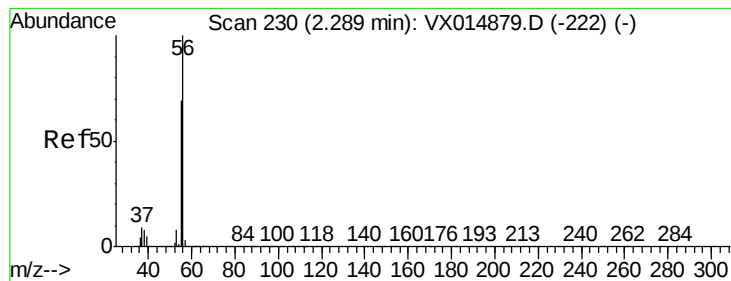


#12

1,1-Dichloroethene
Concen: 156.01 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 96 Resp: 617380
Ion Ratio Lower Upper
96 100
61 159.6 129.5 194.3
98 63.7 50.6 76.0





#13

Acrolein

Concen: 773.13 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

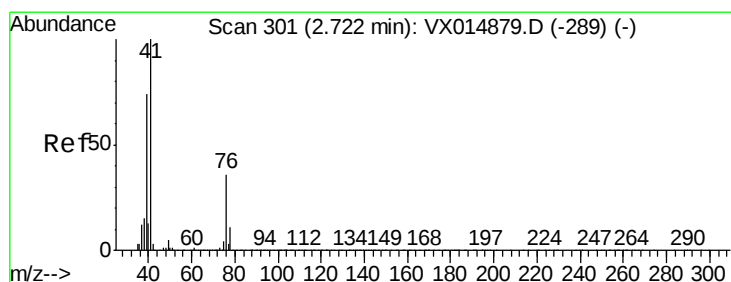
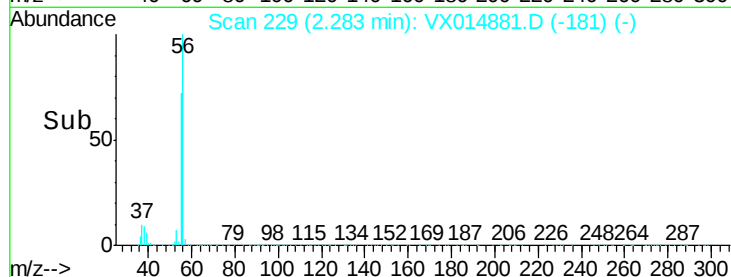
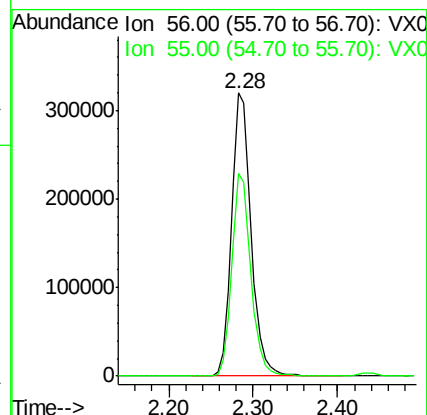
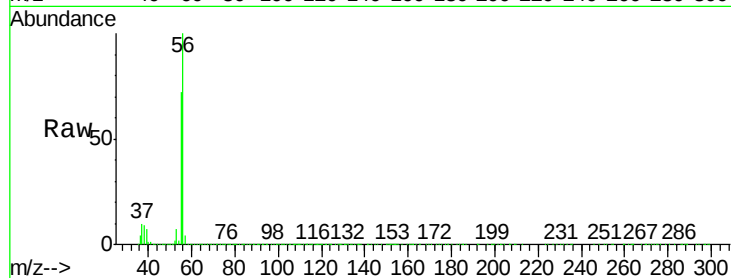
VSTDIC150

Tgt Ion: 56 Resp: 508134

Ion Ratio Lower Upper

56 100

55 69.6 55.0 82.4



#14

Allyl chloride

Concen: 151.71 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

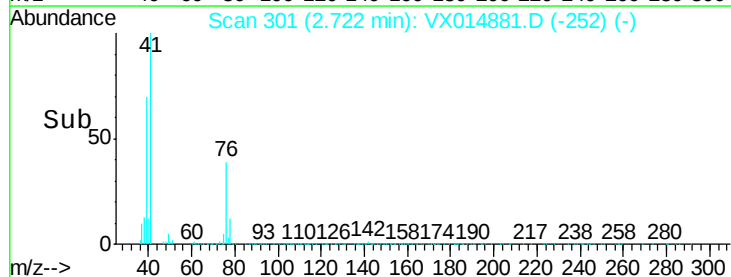
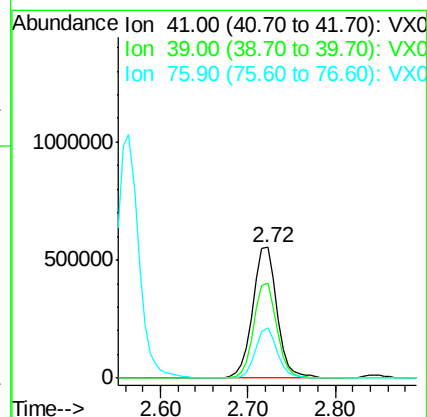
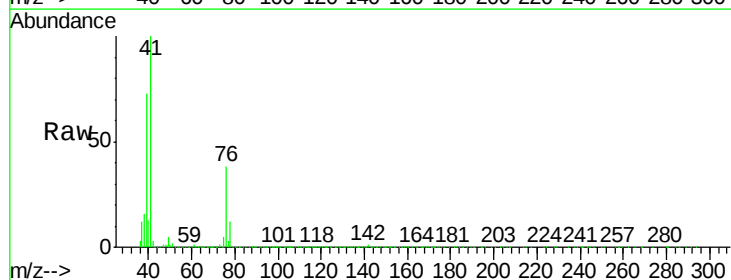
Tgt Ion: 41 Resp: 1072999

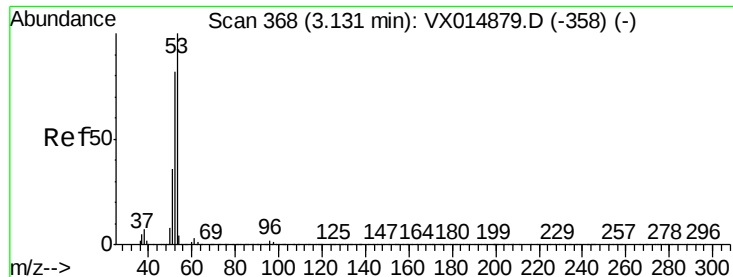
Ion Ratio Lower Upper

41 100

39 68.2 55.2 82.8

76 34.3 26.8 40.2





#15

Acrylonitrile

Concen: 791.70 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

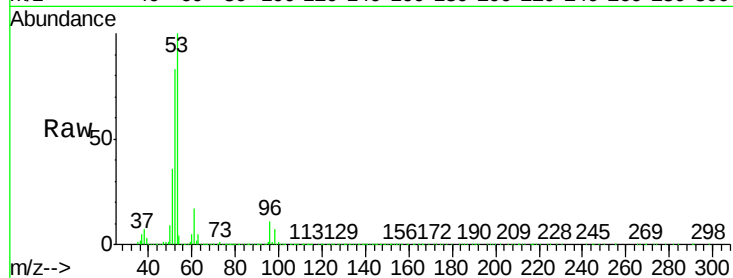
MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion: 53 Resp: 1722760

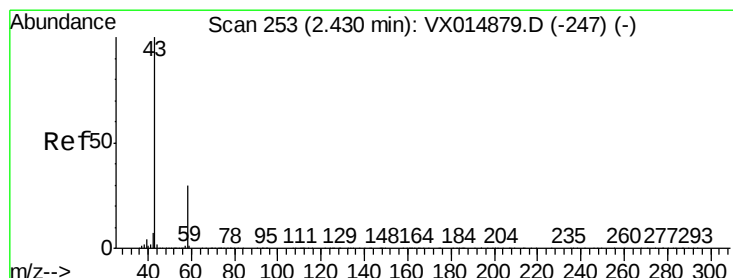
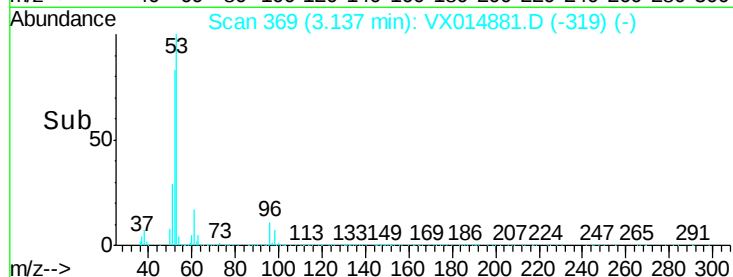
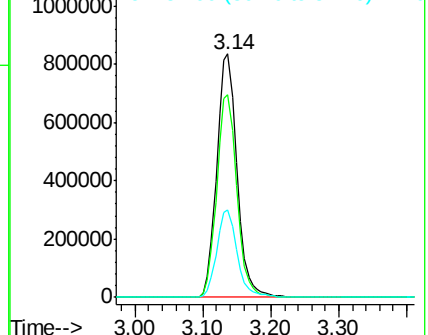
Ion	Ratio	Lower	Upper
53	100		
52	82.8	65.8	98.6
51	36.1	29.1	43.7



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: 616.37 ug/l

RT: 2.44 min Scan# 254

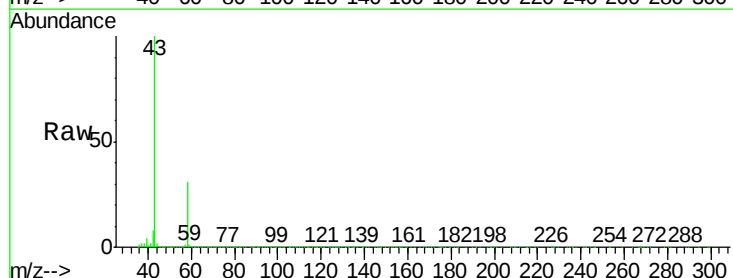
Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

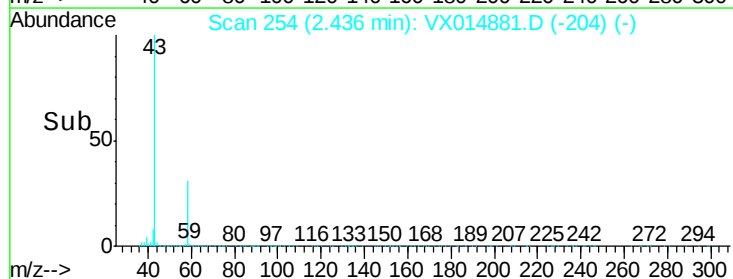
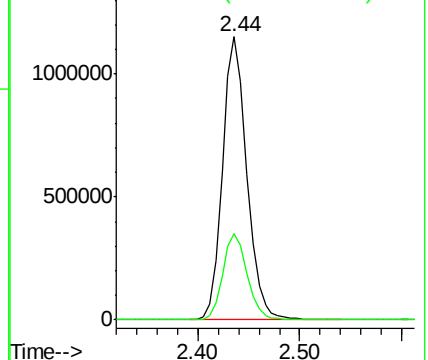
Tgt Ion: 43 Resp: 1894538

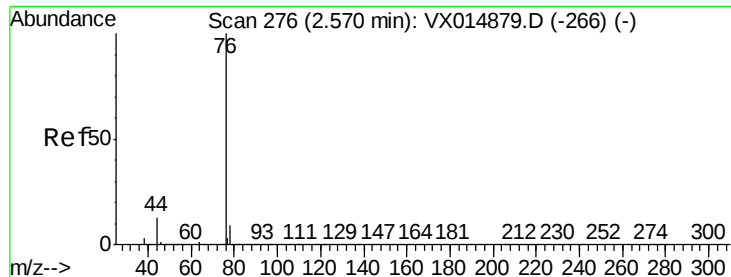
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.1	36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

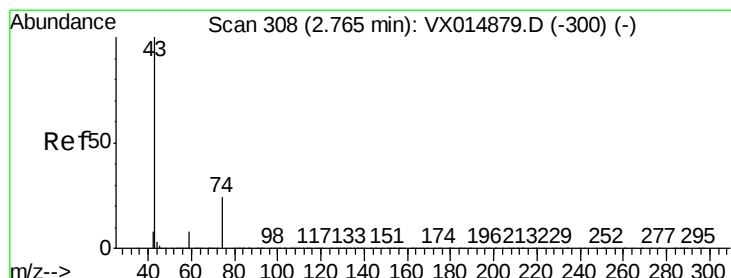
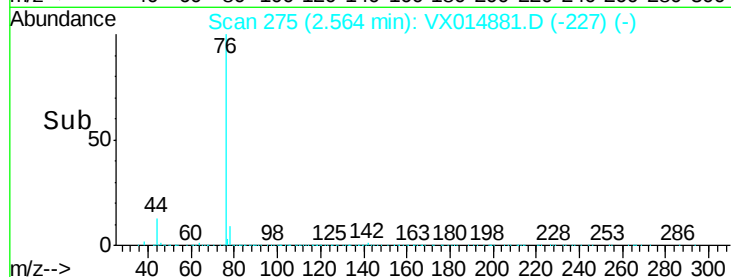
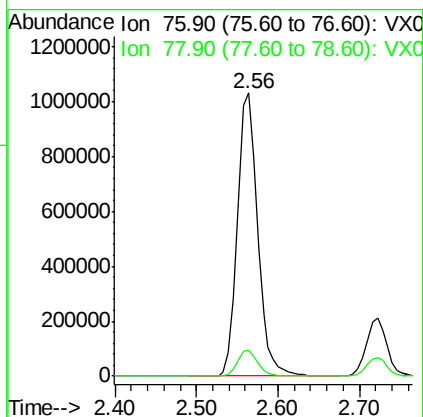
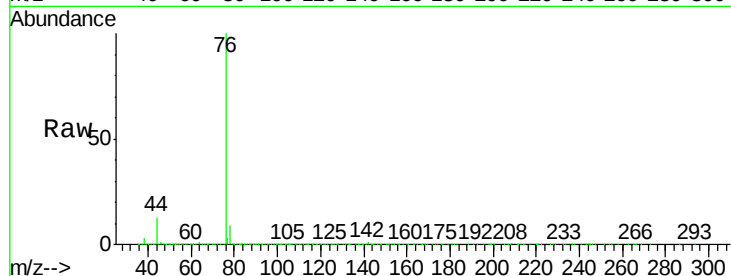




#17
Carbon Disulfide
Concen: 160.34 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

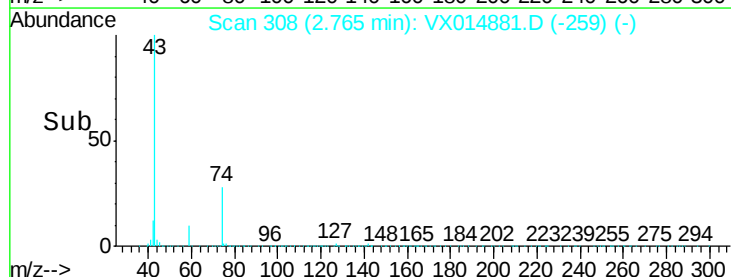
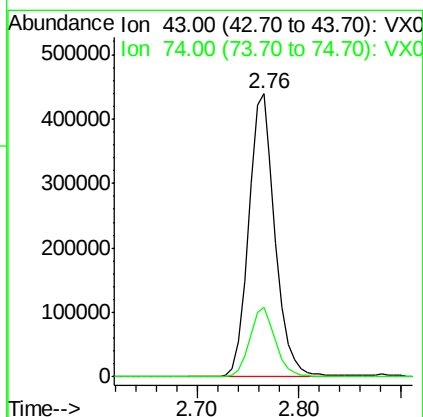
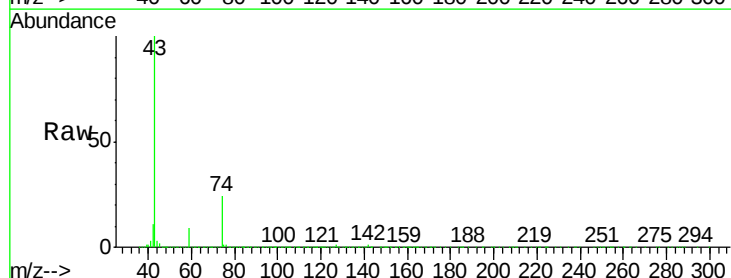
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

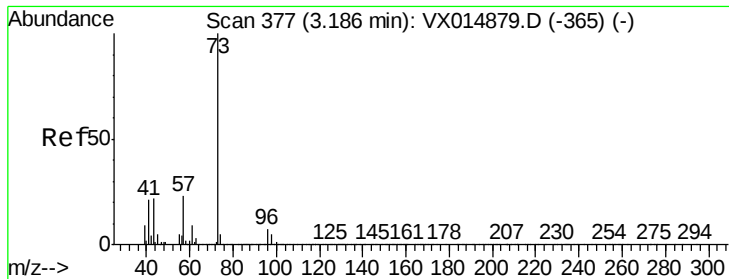
Tgt Ion: 76 Resp: 1756740
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 161.19 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 43 Resp: 782784
Ion Ratio Lower Upper
43 100
74 24.6 19.4 29.0

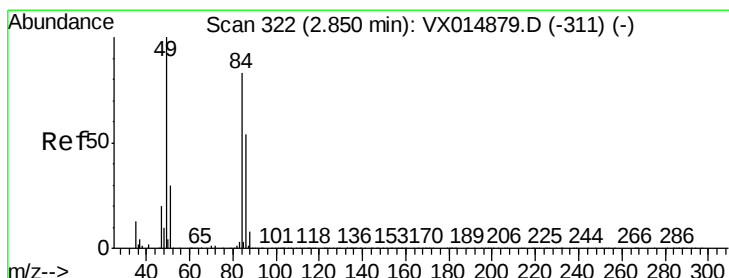
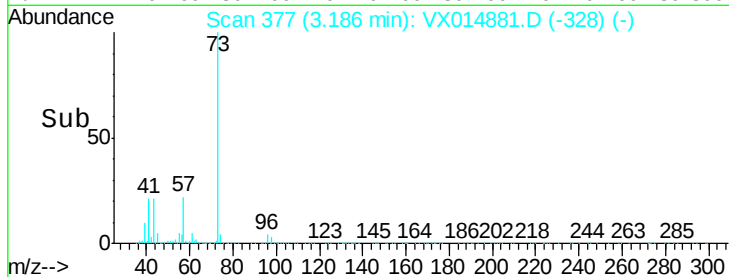
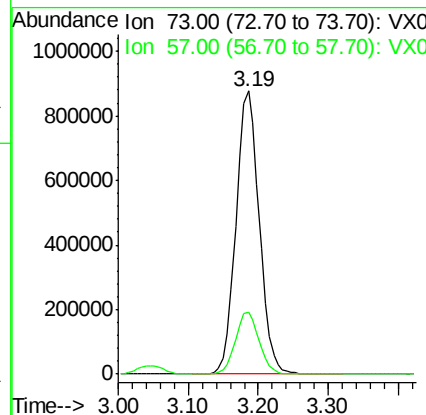
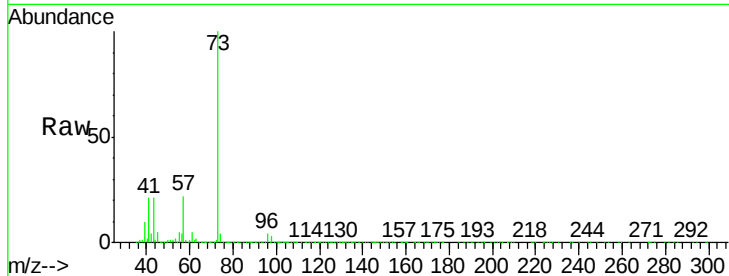




#19
Methyl tert-butyl Ether
Concen: 158.04 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

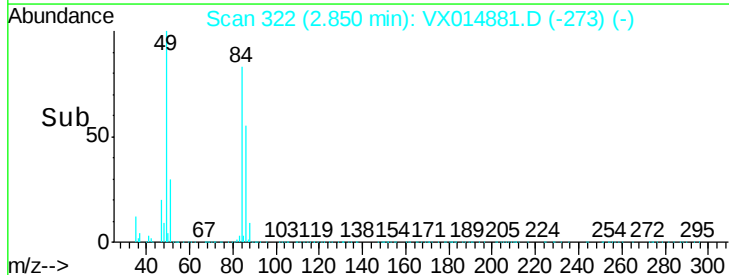
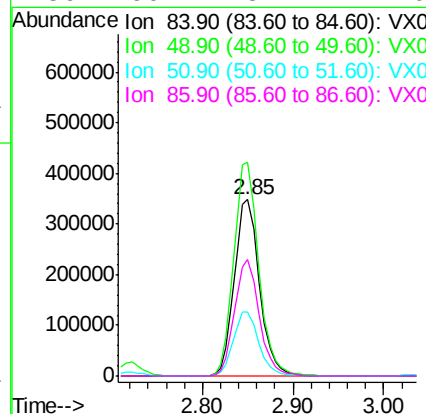
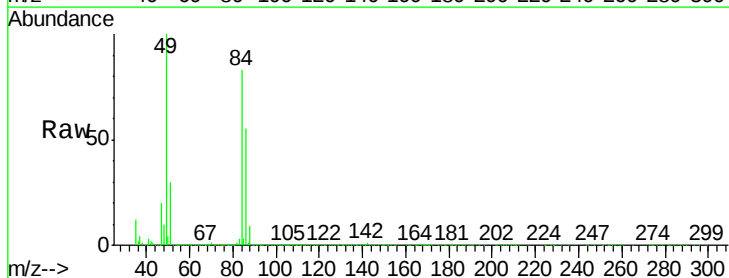
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

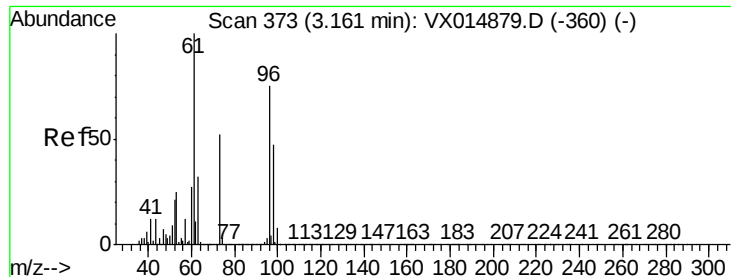
Tgt Ion: 73 Resp: 2024532
Ion Ratio Lower Upper
73 100
57 21.7 18.2 27.4



#20
Methylene Chloride
Concen: 137.91 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 84 Resp: 672097
Ion Ratio Lower Upper
84 100
49 121.1 95.6 143.4
51 36.6 29.0 43.6
86 66.2 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 151.89 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

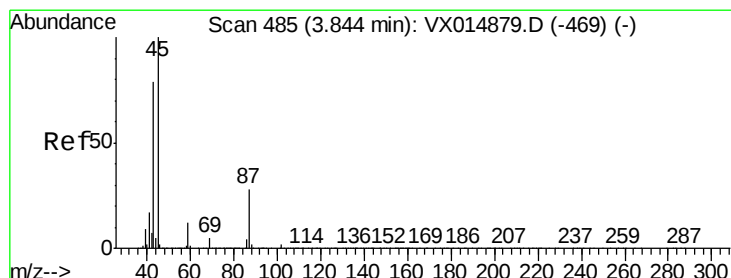
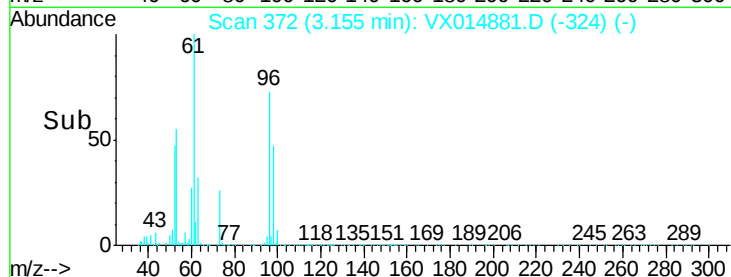
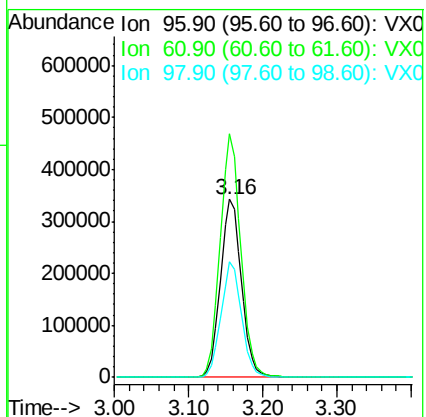
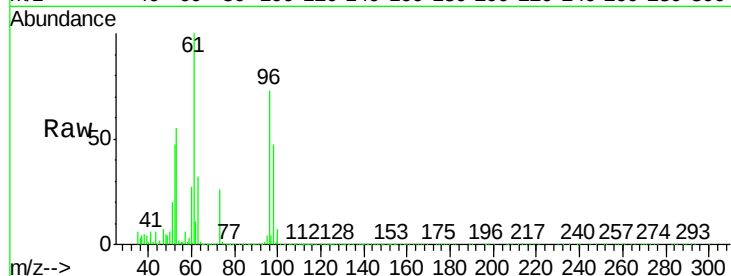
Tgt Ion: 96 Resp: 669707

Ion Ratio Lower Upper

96 100

61 136.6 106.9 160.3

98 64.7 50.7 76.1



#22

Diisopropyl ether

Concen: 155.66 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion: 45 Resp: 2087609

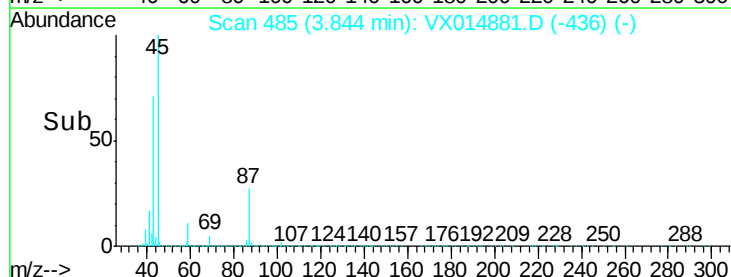
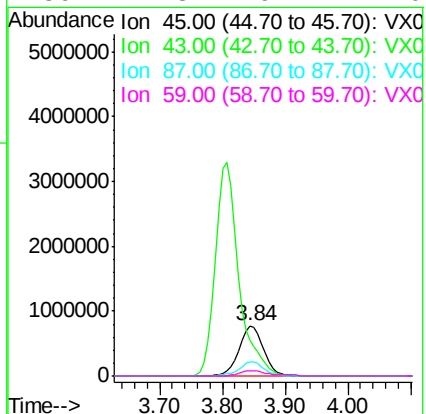
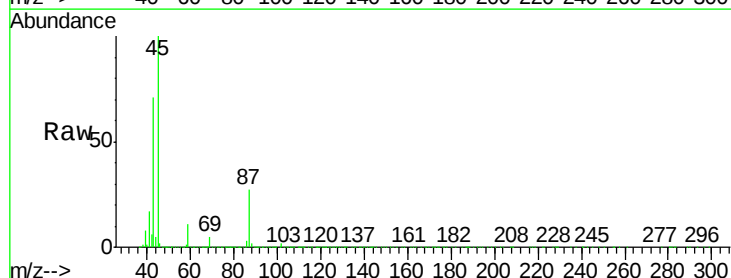
Ion Ratio Lower Upper

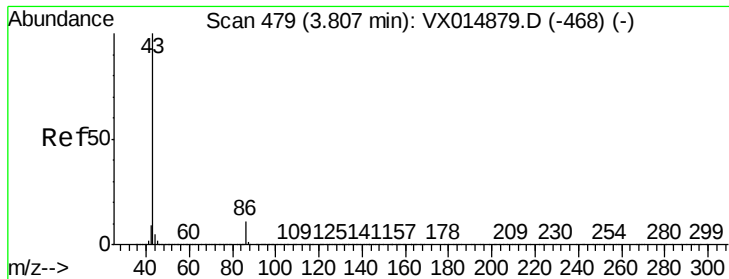
45 100

43 71.3 63.5 95.3

87 27.4 22.2 33.4

59 11.3 9.4 14.0





#23

Vinyl Acetate

Concen: 769.81 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

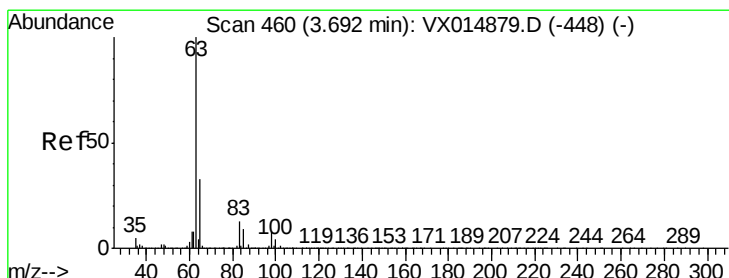
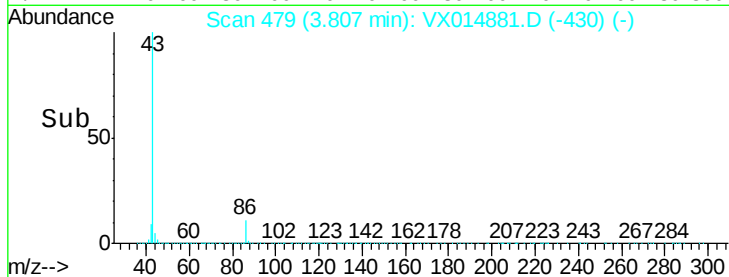
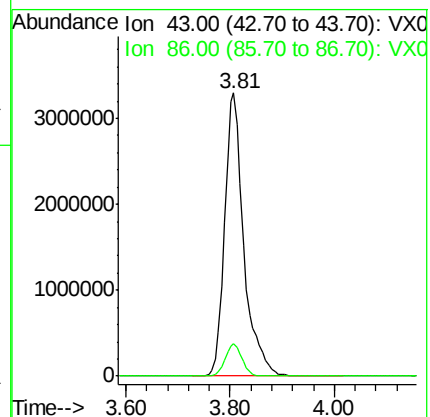
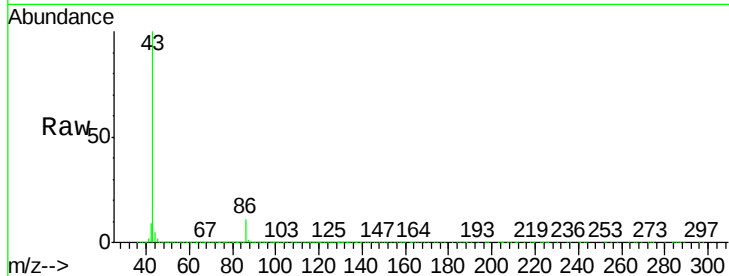
VSTDIC150

Tgt Ion: 43 Resp: 8546798

Ion Ratio Lower Upper

43 100

86 11.4 8.9 13.3



#24

1,1-Dichloroethane

Concen: 152.13 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

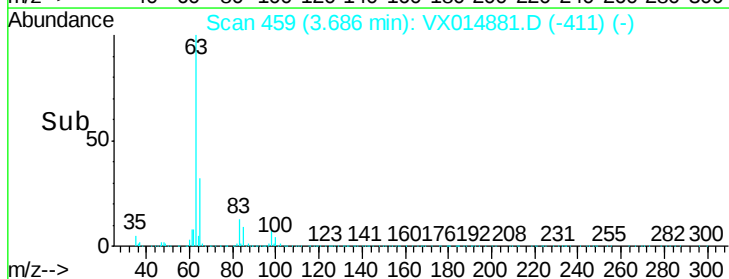
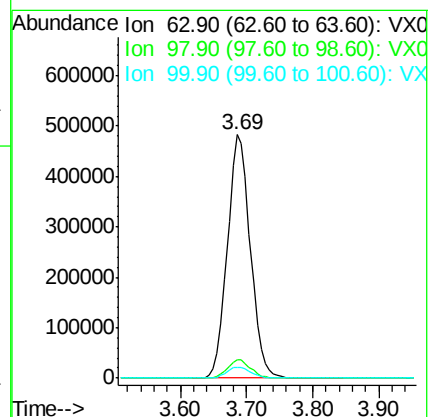
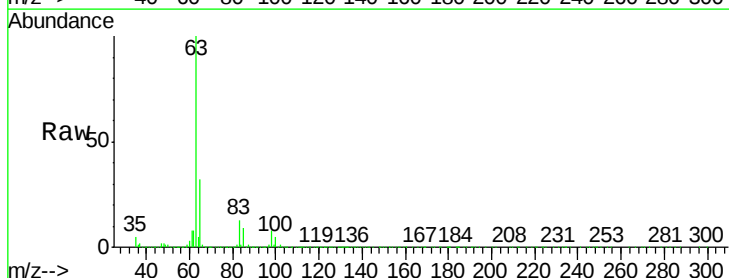
Tgt Ion: 63 Resp: 1158942

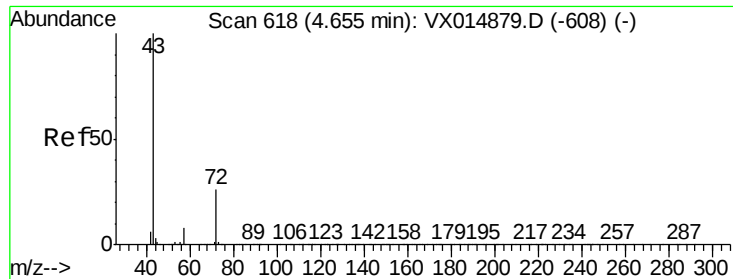
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 771.05 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

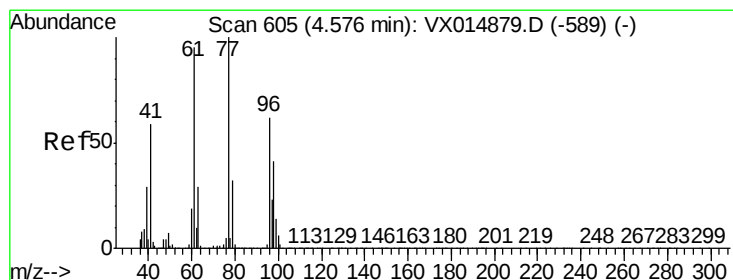
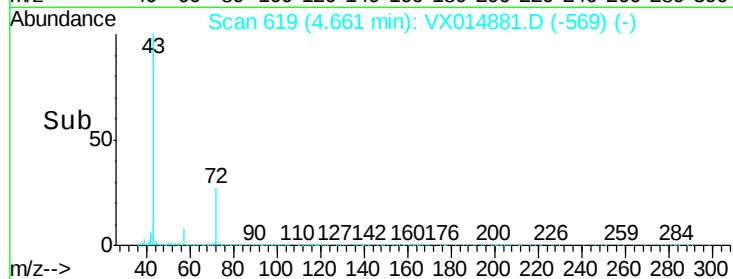
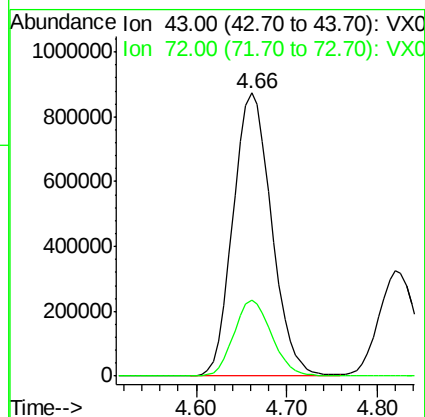
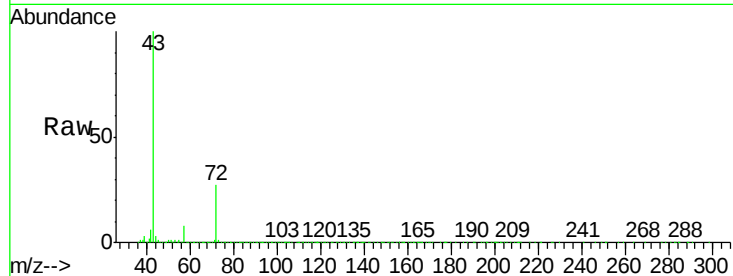
VSTDIC150

Tgt Ion: 43 Resp: 2565891

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



#26

2,2-Dichloropropane

Concen: 153.34 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014881.D

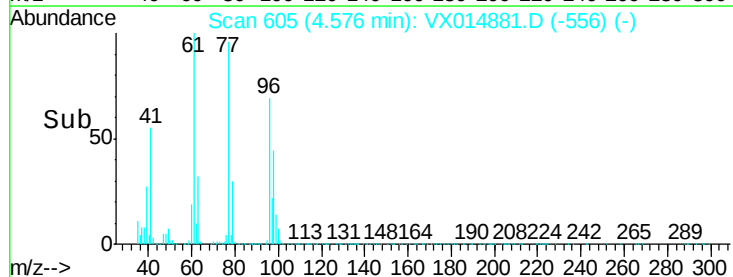
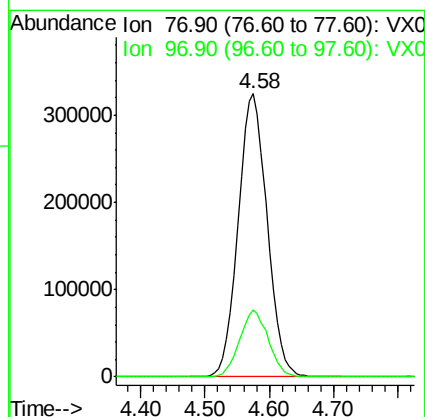
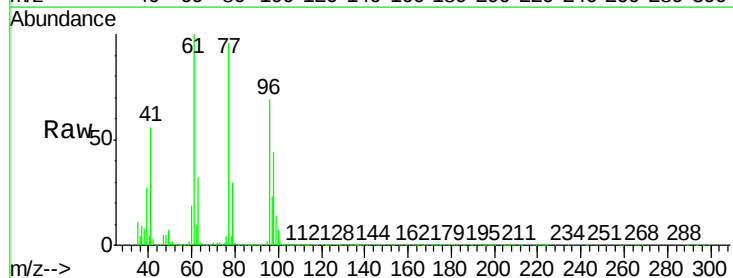
Acq: 10 Feb 2020 11:46

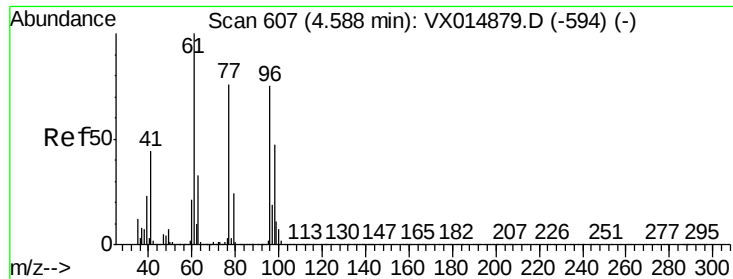
Tgt Ion: 77 Resp: 1006540

Ion Ratio Lower Upper

77 100

97 23.4 11.9 35.5



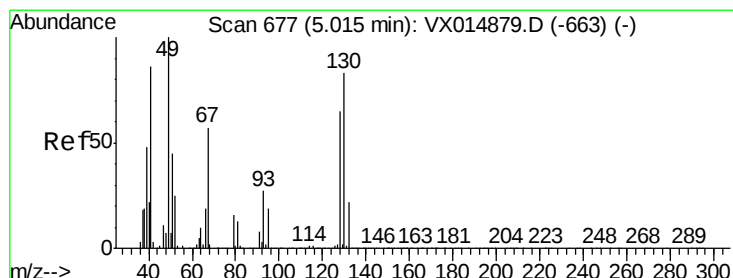
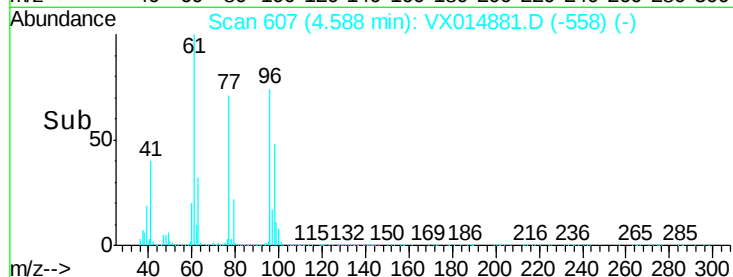
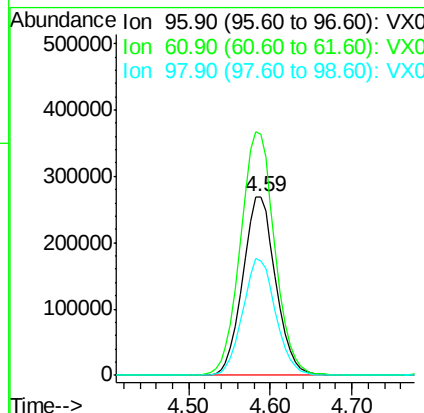
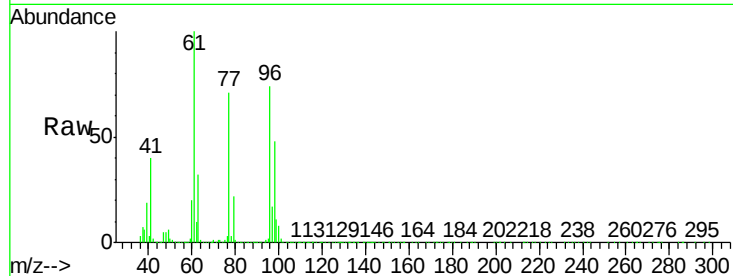


#27

cis-1,2-Dichloroethene
Concen: 154.45 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

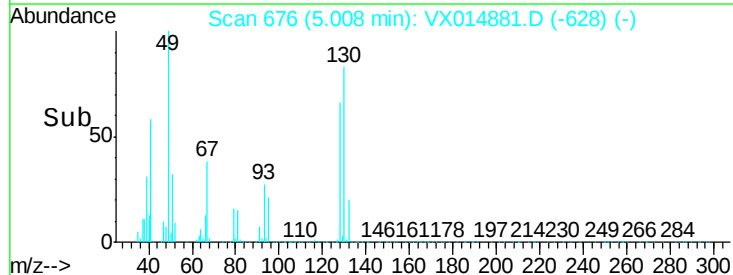
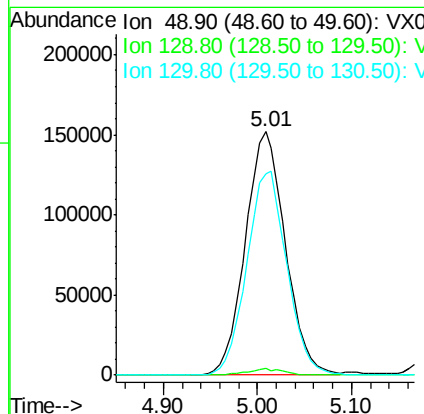
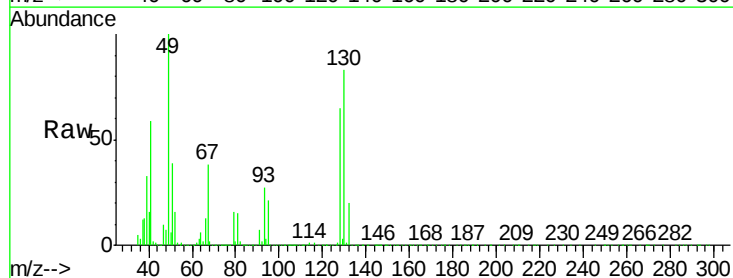
Tgt Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	286.2
98	65.3	0.0	131.0

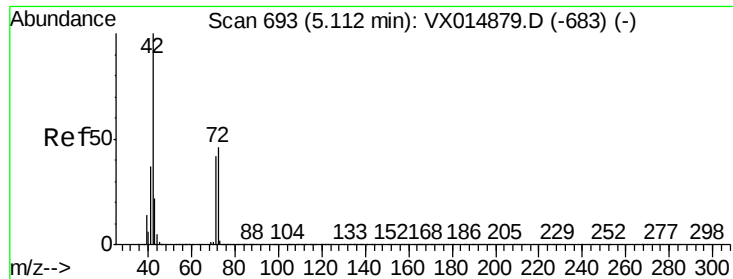


#28

Bromochloromethane
Concen: 176.34 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.2
130	84.4	67.4	101.2





#29

Tetrahydrofuran

Concen: 811.29 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

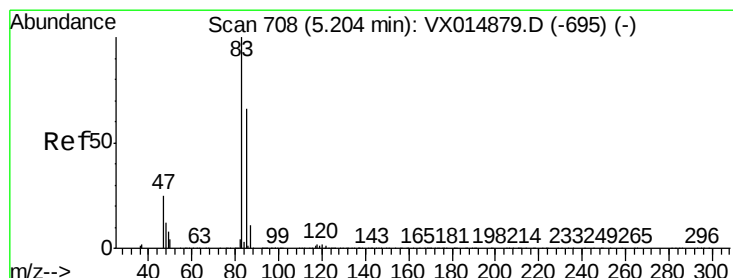
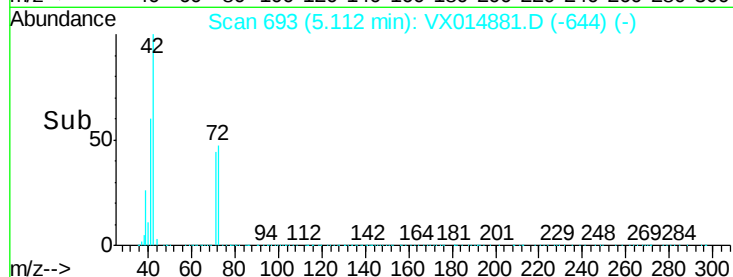
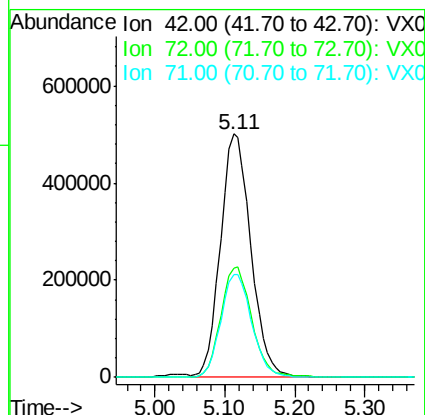
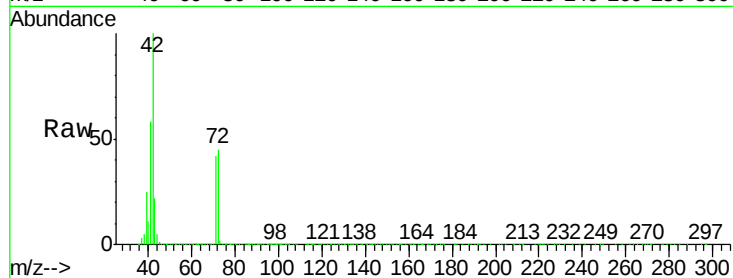
Tgt Ion: 42 Resp: 1510068

Ion Ratio Lower Upper

42 100

72 46.3 36.9 55.3

71 43.0 34.1 51.1



#30

Chloroform

Concen: 153.26 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014881.D

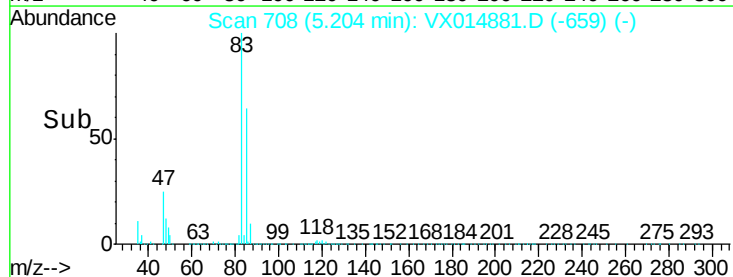
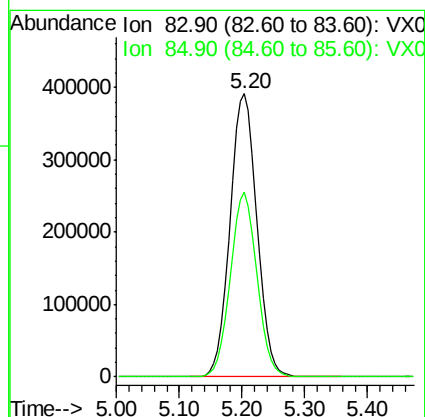
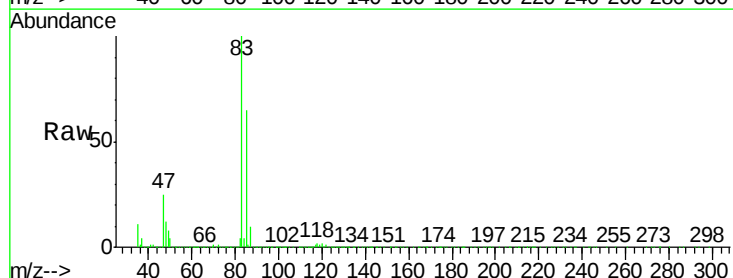
Acq: 10 Feb 2020 11:46

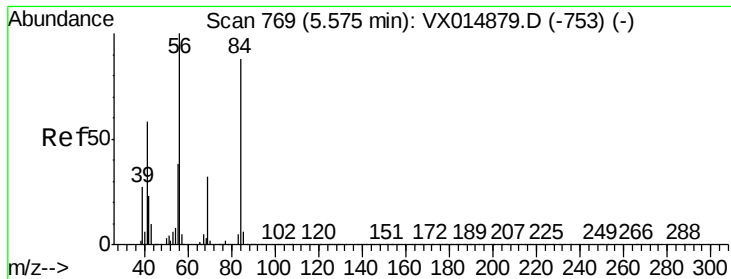
Tgt Ion: 83 Resp: 1160938

Ion Ratio Lower Upper

83 100

85 65.2 52.9 79.3

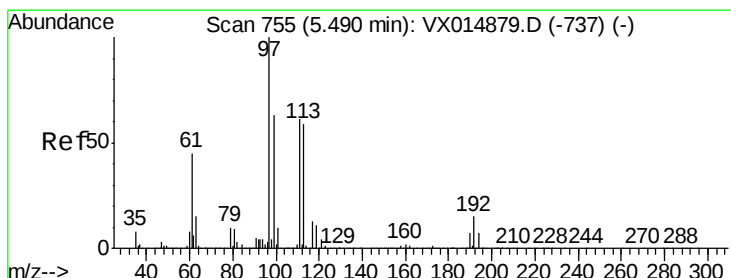
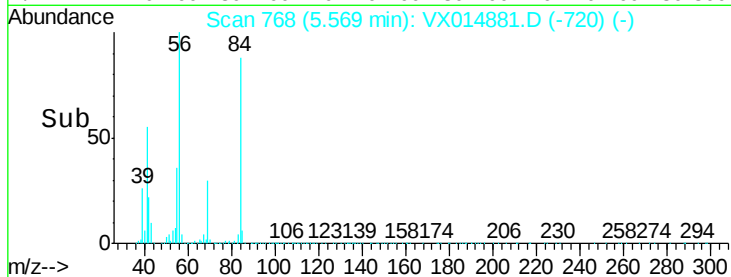
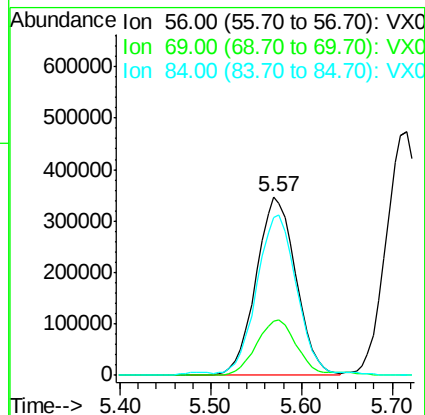
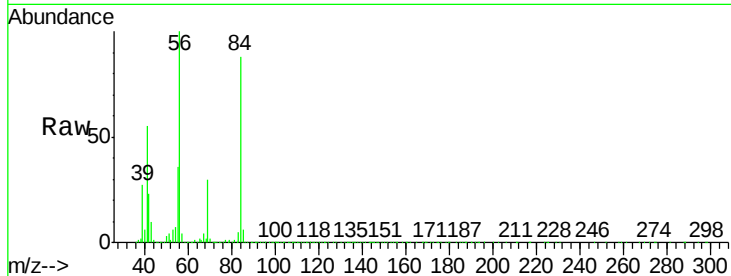




#31
Cyclohexane
Concen: 157.86 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

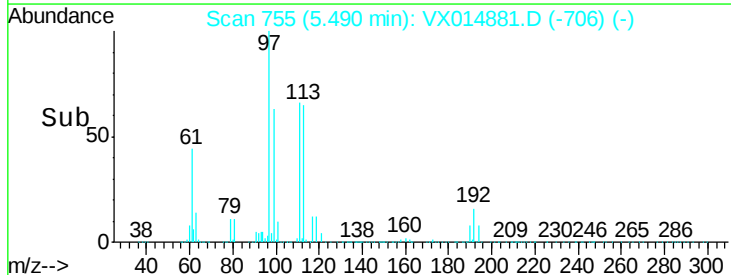
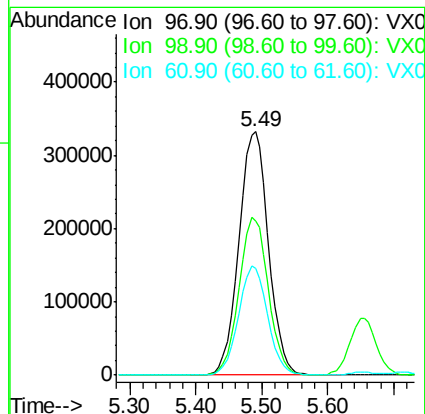
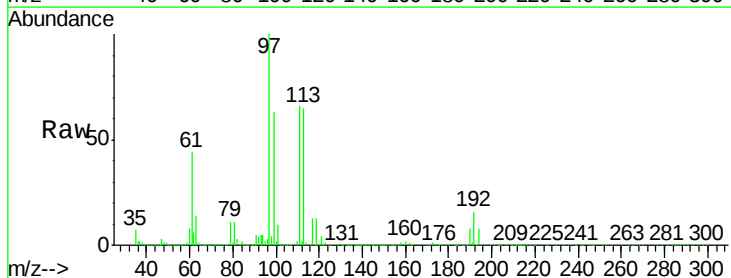
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

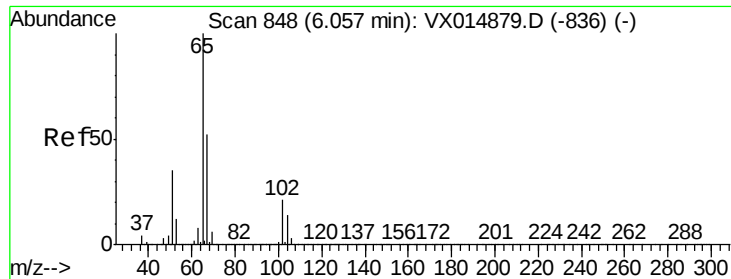
Tgt Ion: 56 Resp: 1053346
Ion Ratio Lower Upper
56 100
69 30.4 25.9 38.9
84 87.0 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 156.99 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 97 Resp: 1027272
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 44.3 36.3 54.5

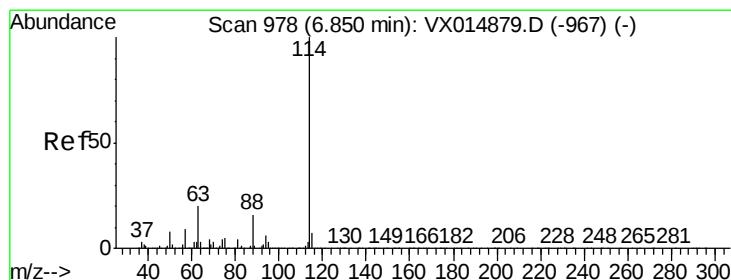
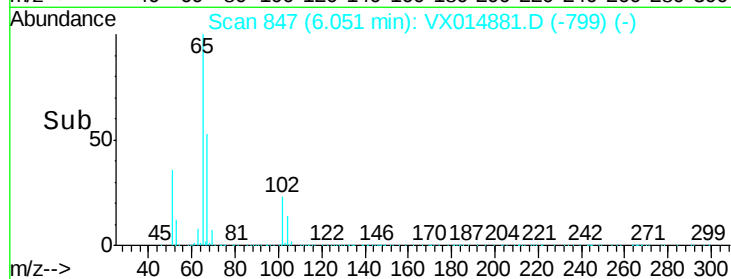
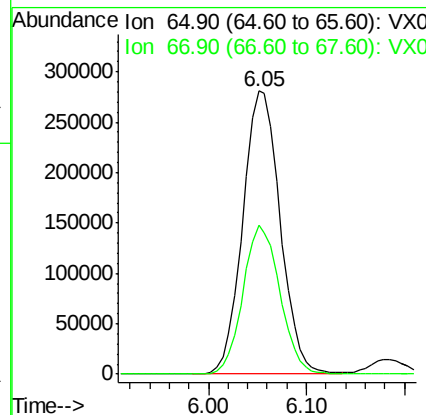
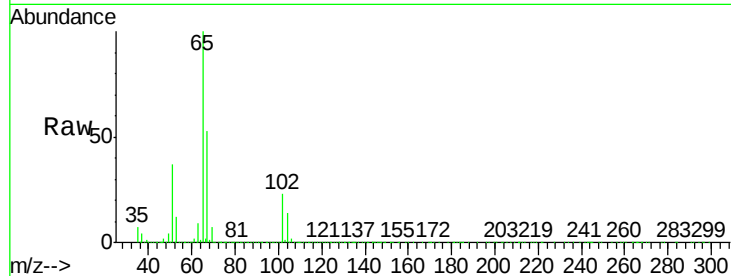




#33
 1,2-Dichloroethane-d4
 Concen: 132.99 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

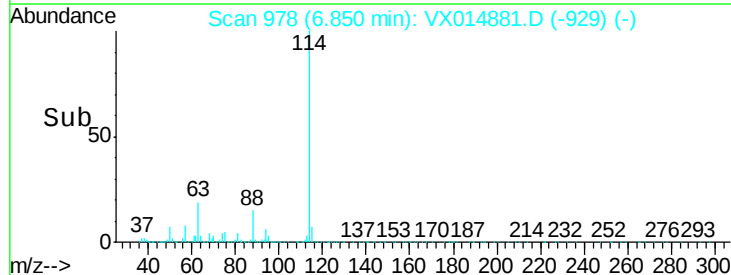
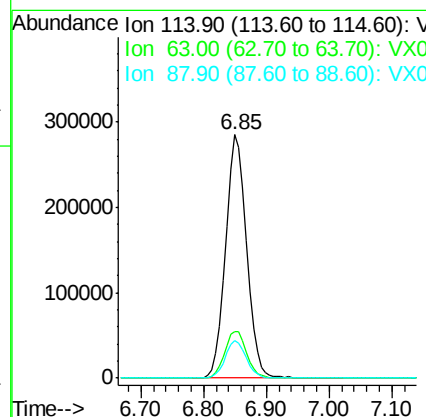
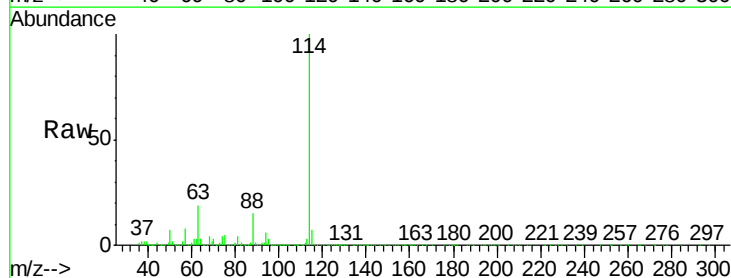
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

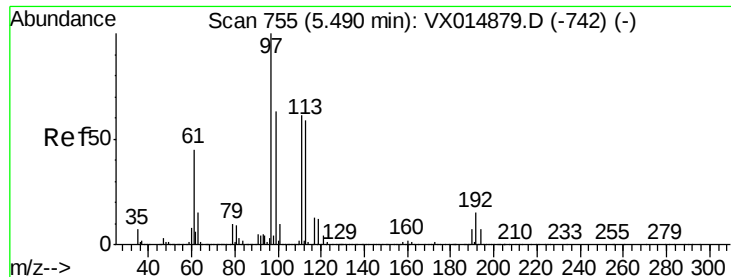
Tgt Ion: 65 Resp: 742770
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion: 114 Resp: 661491
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.2
 88 15.3 0.0 32.0

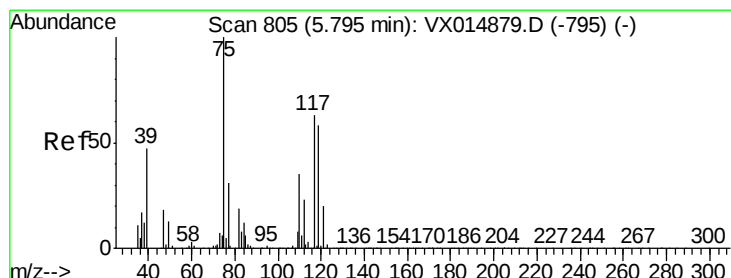
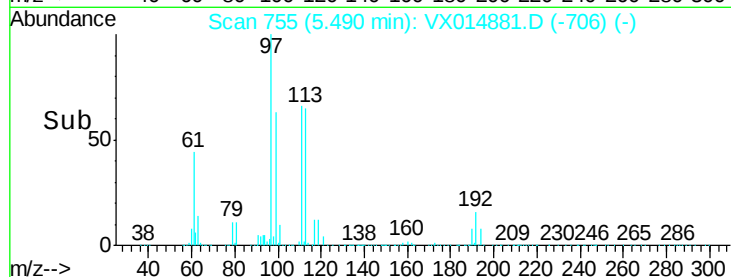
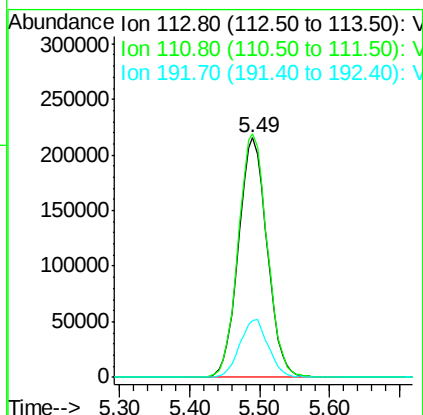
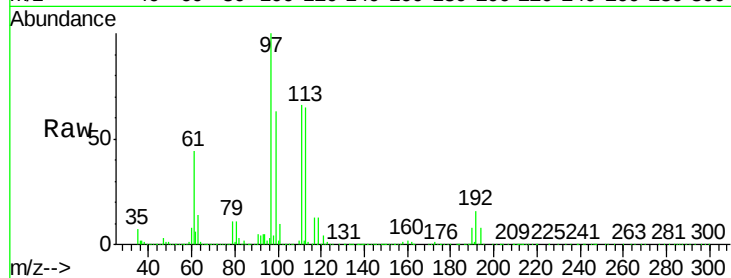




#35
Dibromofluoromethane
Concen: 128.40 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

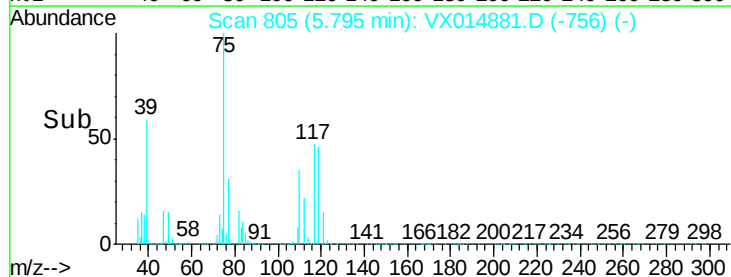
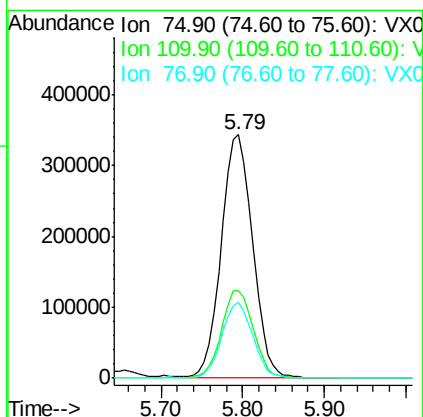
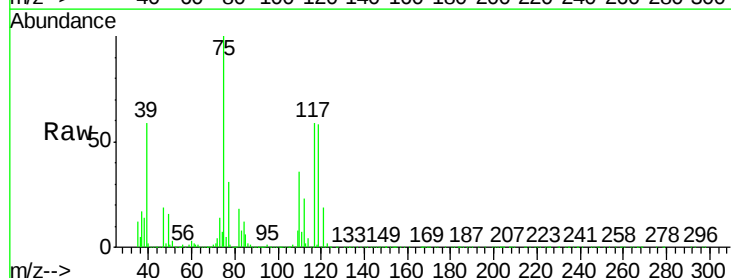
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

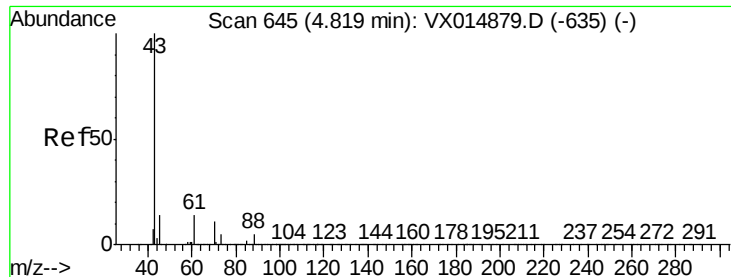
Tgt Ion: 113 Resp: 612322
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 24.2 19.1 28.7



#36
1,1-Dichloropropene
Concen: 156.95 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 75 Resp: 912547
Ion Ratio Lower Upper
75 100
110 36.9 18.3 54.8
77 30.5 24.6 36.8

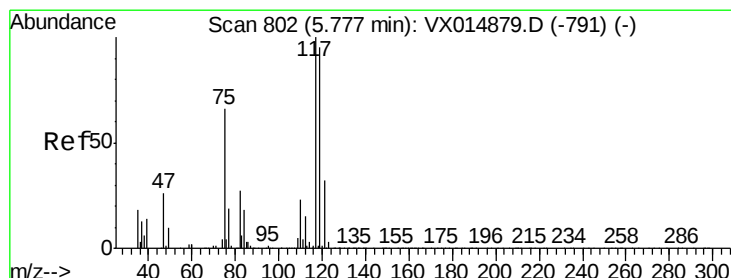
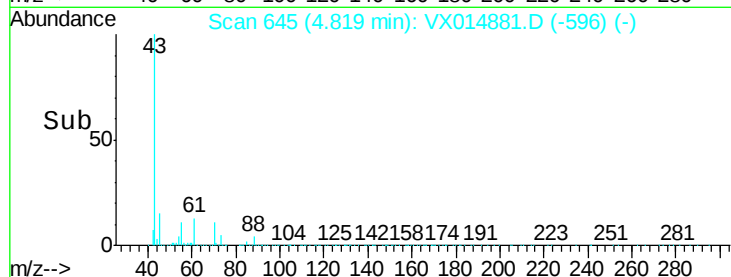
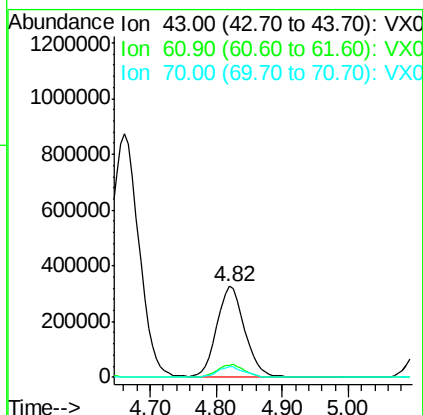
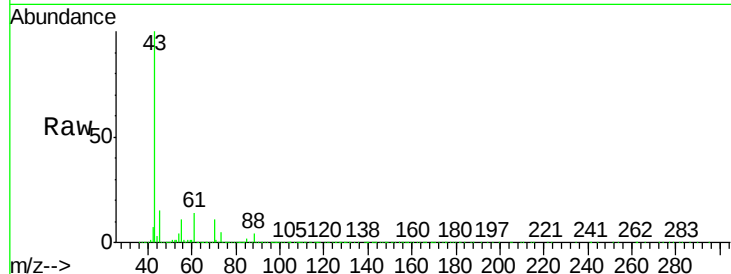




#37
Ethyl Acetate
Concen: 156.44 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

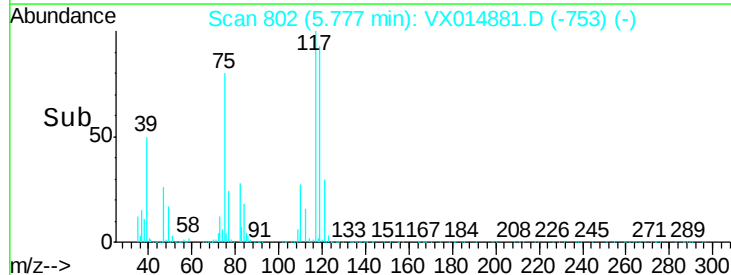
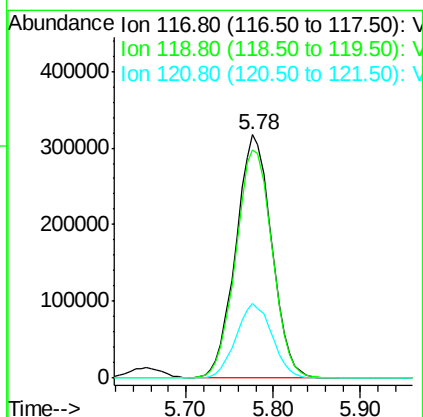
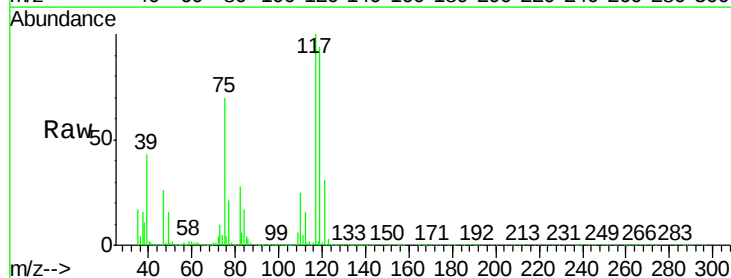
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

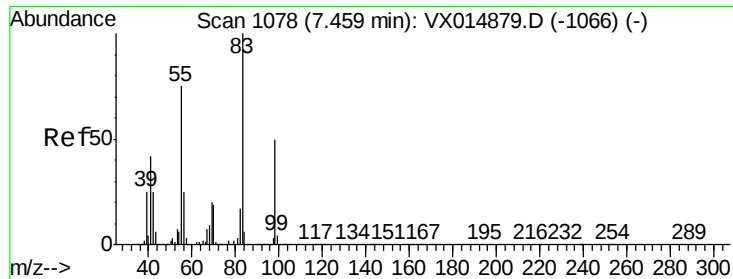
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.9	16.3
70	11.2	8.7	13.1



#38
Carbon Tetrachloride
Concen: 160.40 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.0	114.0
121	30.5	25.4	38.2

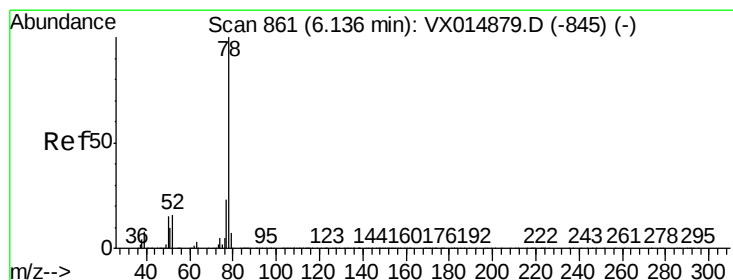
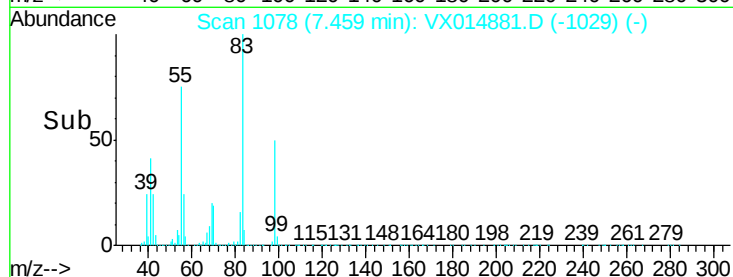
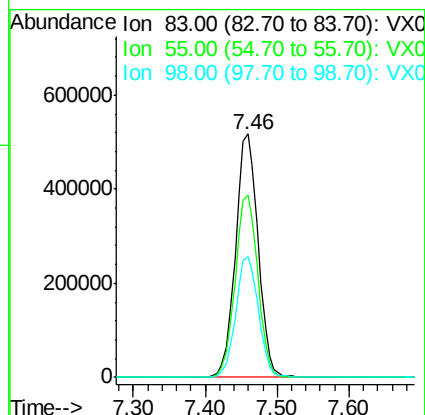
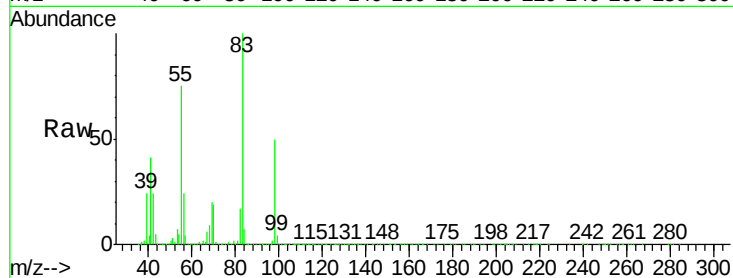




#39
Methylcyclohexane
Concen: 153.02 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

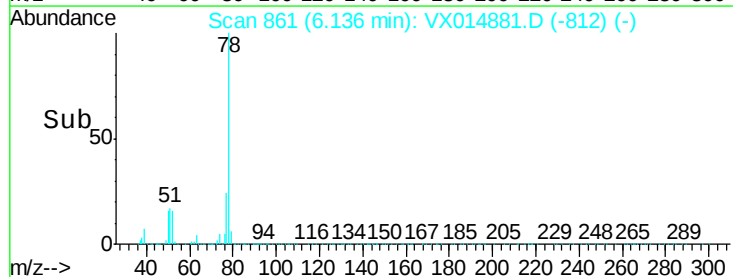
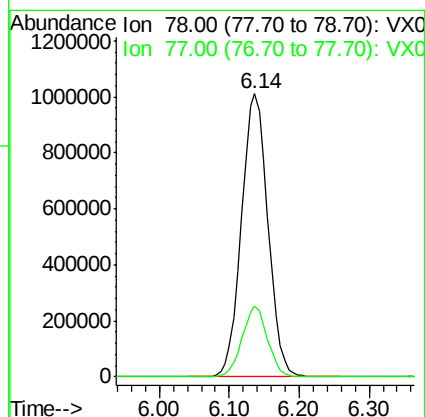
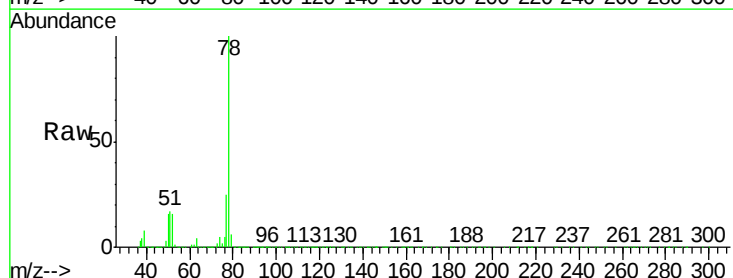
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

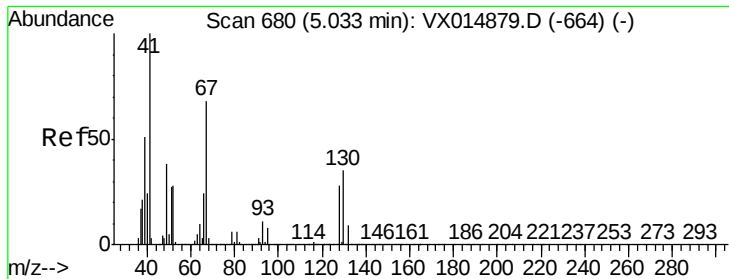
Tgt Ion: 83 Resp: 1122484
Ion Ratio Lower Upper
83 100
55 74.7 60.0 90.0
98 49.6 39.6 59.4



#40
Benzene
Concen: 151.12 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 78 Resp: 2657462
Ion Ratio Lower Upper
78 100
77 24.8 18.8 28.2





#41

Methacrylonitrile

Concen: 167.23 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 41 Resp: 535899

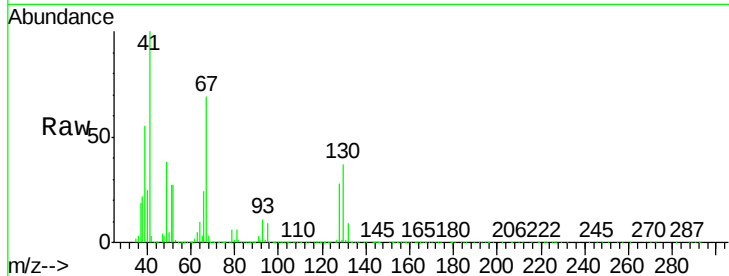
Ion Ratio Lower Upper

41 100

39 56.3 44.7 67.1

67 69.9 56.6 84.8

52 28.0 22.3 33.5

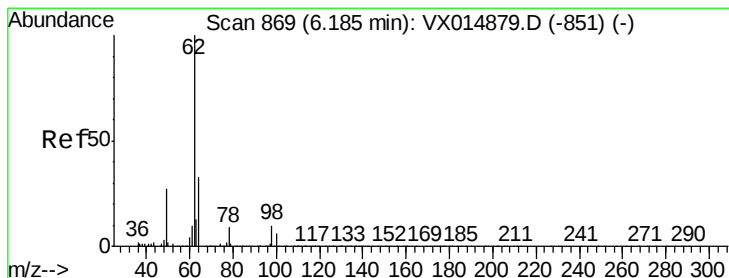
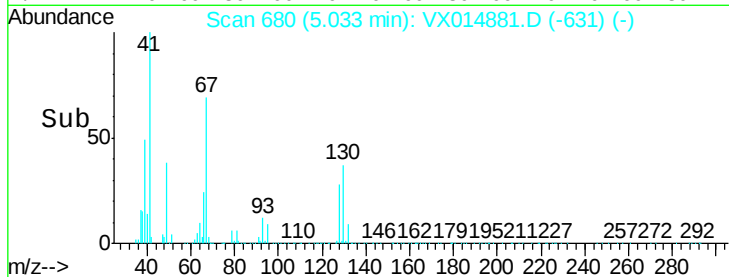
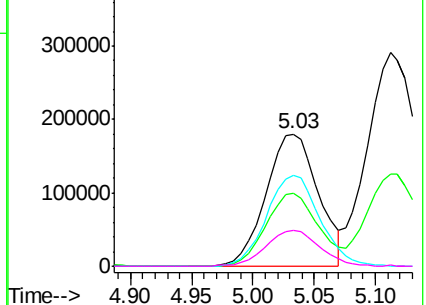


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 146.60 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014881.D

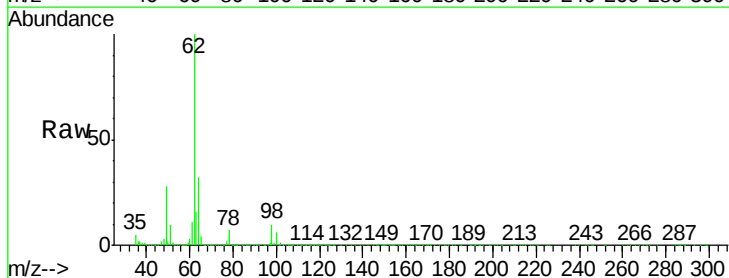
Acq: 10 Feb 2020 11:46

Tgt Ion: 62 Resp: 940617

Ion Ratio Lower Upper

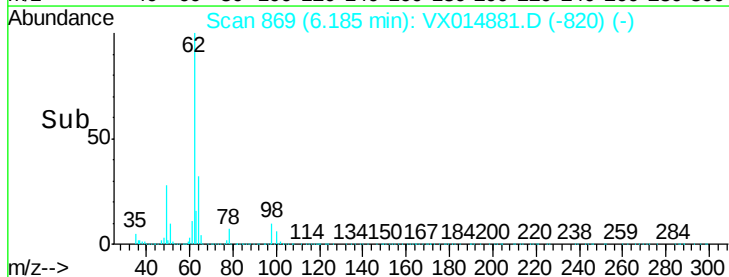
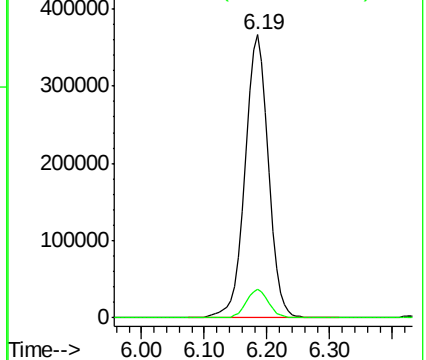
62 100

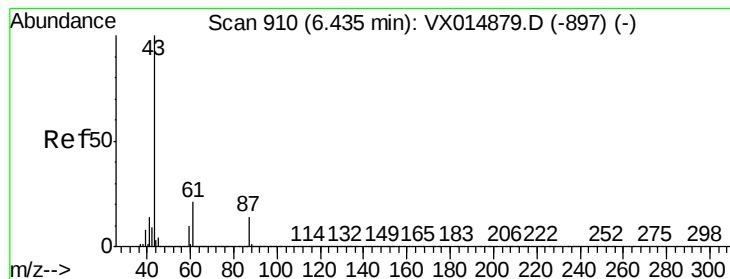
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 164.37 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

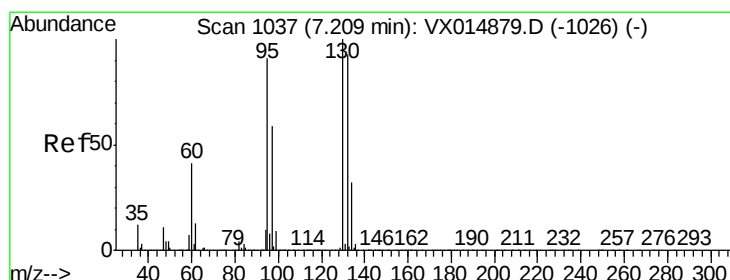
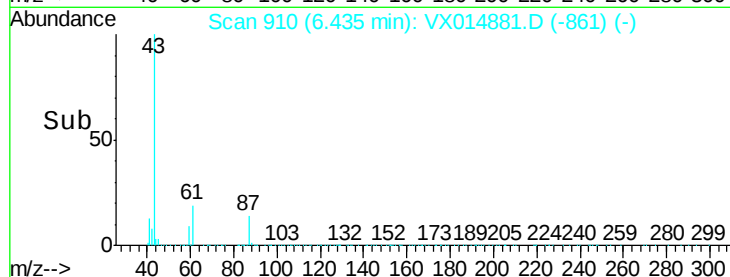
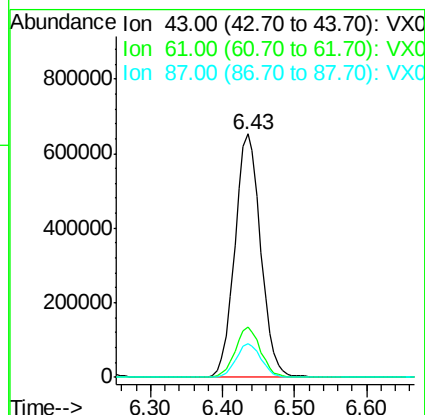
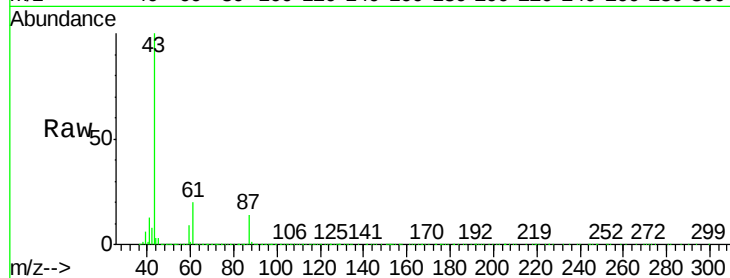
Tgt Ion: 43 Resp: 1625399

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.4

87 13.5 11.0 16.6



#44

Trichloroethene

Concen: 152.20 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014881.D

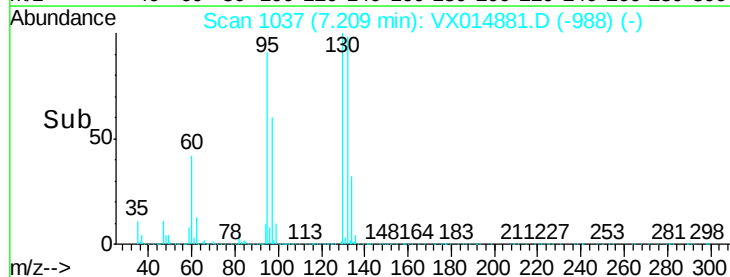
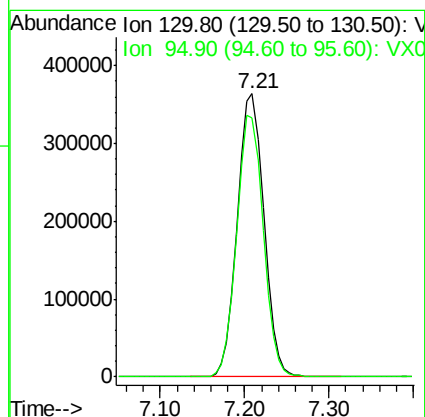
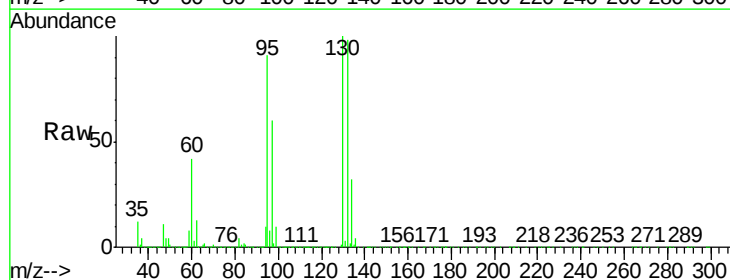
Acq: 10 Feb 2020 11:46

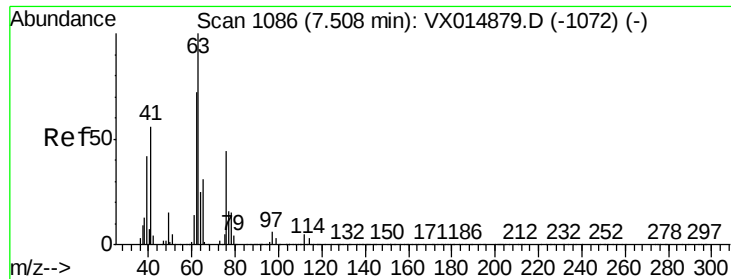
Tgt Ion: 130 Resp: 776148

Ion Ratio Lower Upper

130 100

95 91.4 0.0 182.6

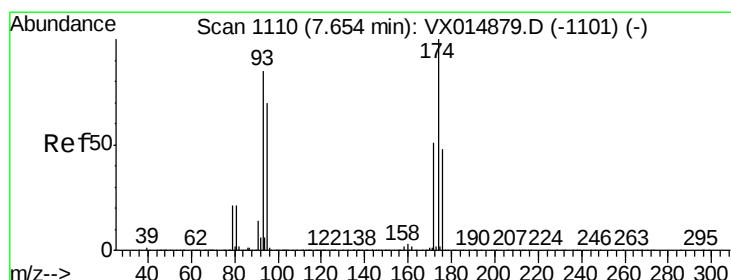
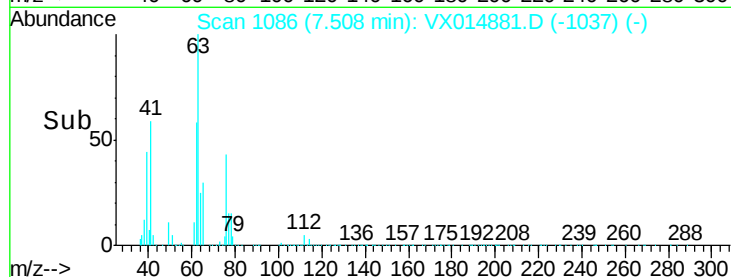
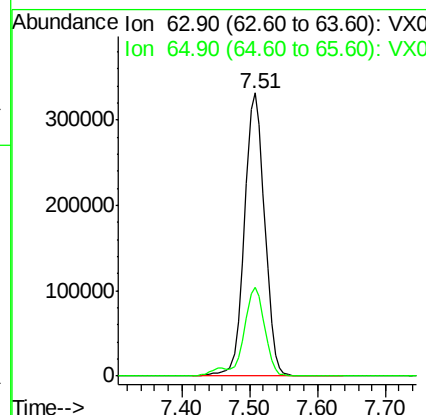
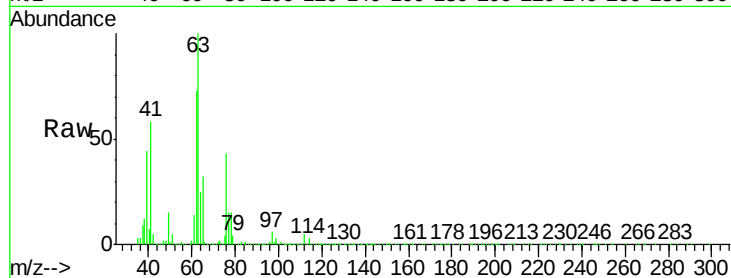




#45
 1,2-Dichloropropane
 Concen: 152.63 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

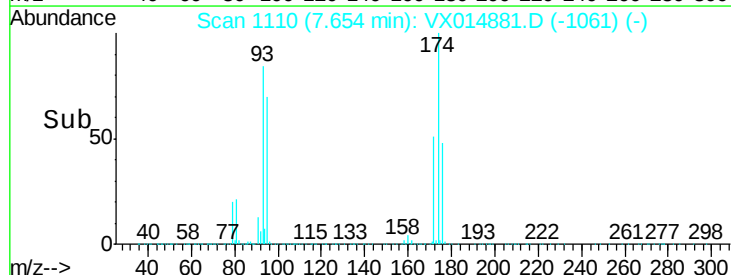
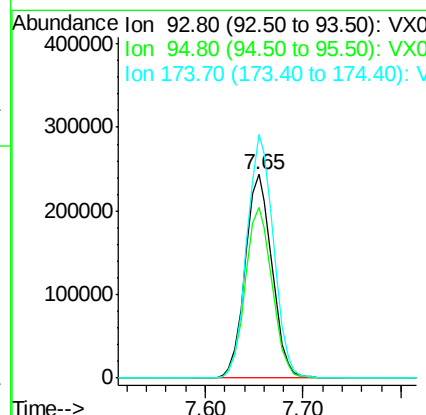
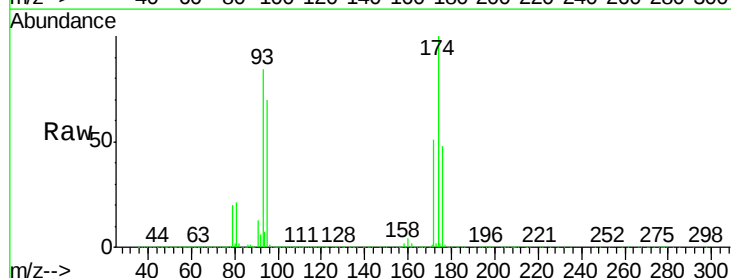
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

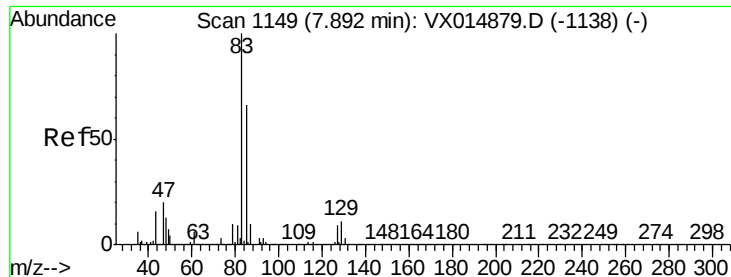
Tgt Ion: 63 Resp: 682548
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.9 37.3



#46
 Dibromomethane
 Concen: 150.86 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion: 93 Resp: 462801
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.8 98.8
 174 118.8 95.4 143.2





#47

Bromodichloromethane

Concen: 159.38 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

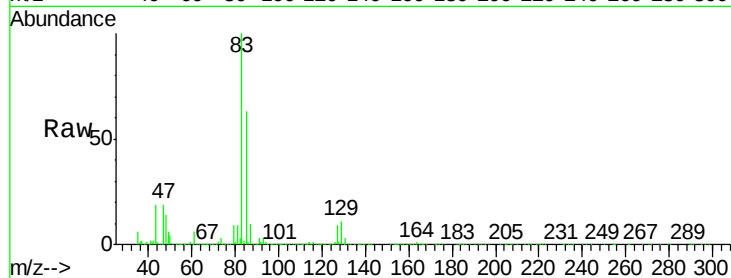
Tgt Ion: 83 Resp: 953244

Ion Ratio Lower Upper

83 100

85 63.2 52.5 78.7

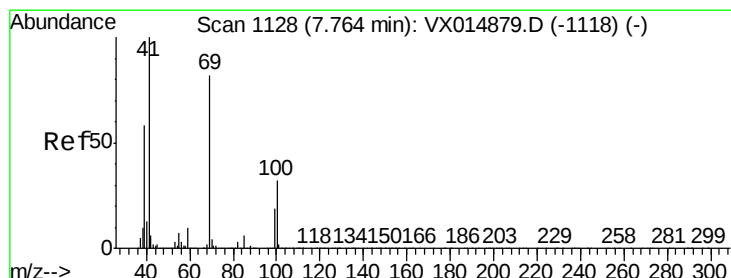
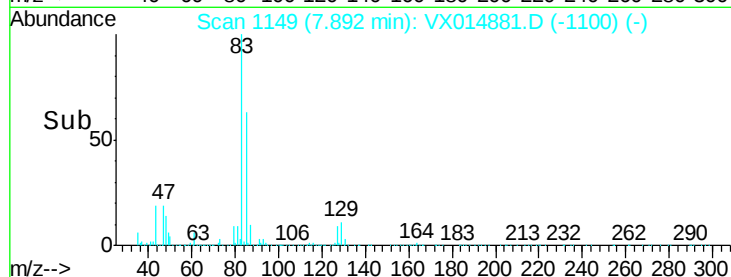
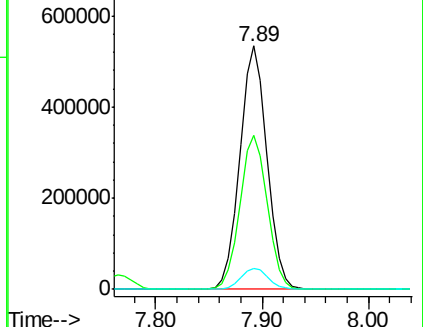
127 8.8 7.4 11.0



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: 171.40 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

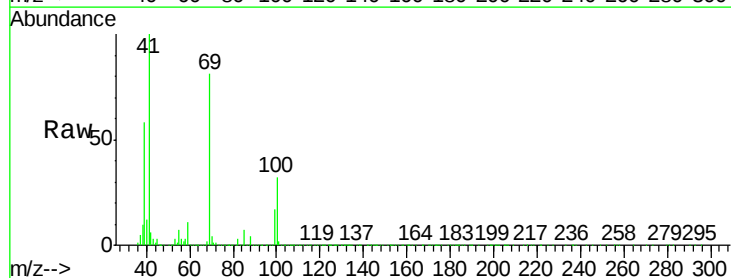
Tgt Ion: 41 Resp: 821358

Ion Ratio Lower Upper

41 100

69 81.2 65.7 98.5

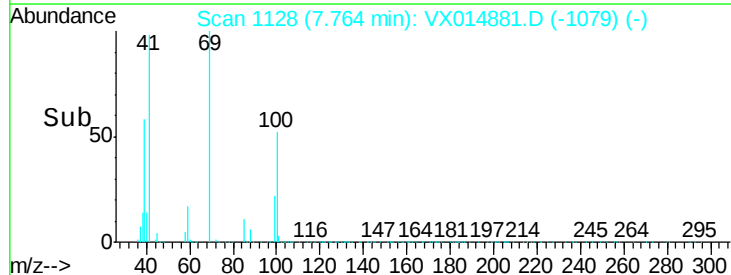
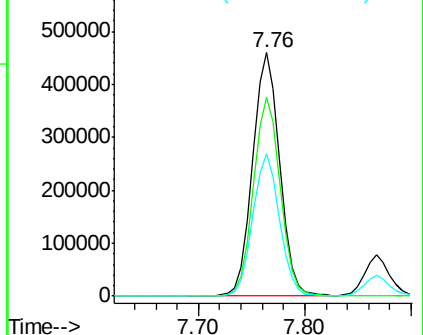
39 57.7 45.8 68.8



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

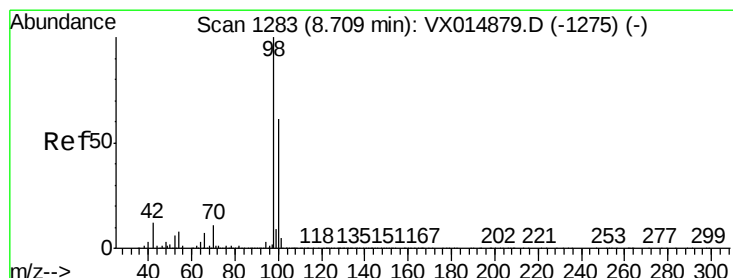
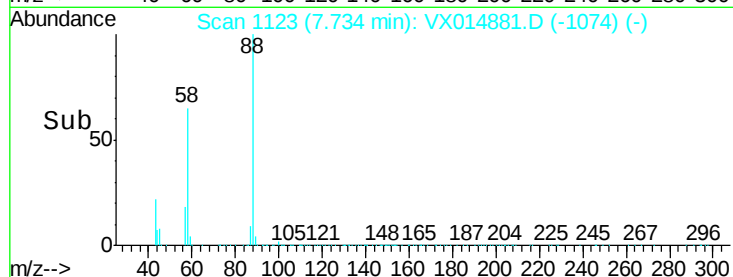
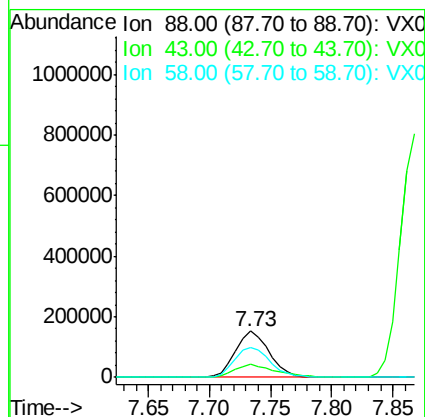
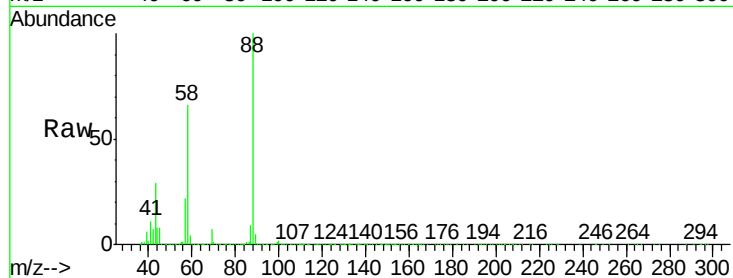




#49
1,4-Dioxane
Concen: 3131.47 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

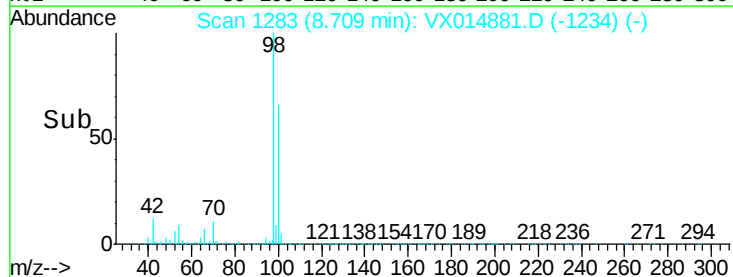
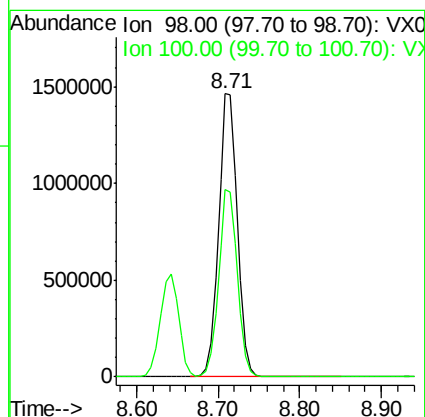
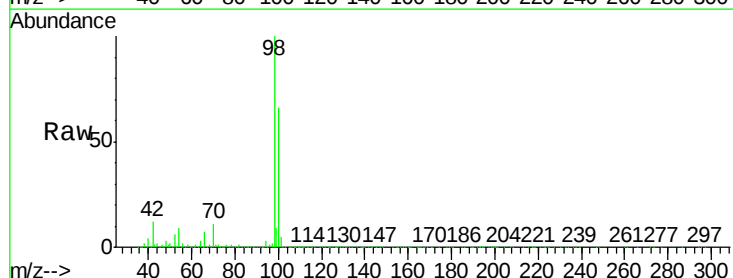
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

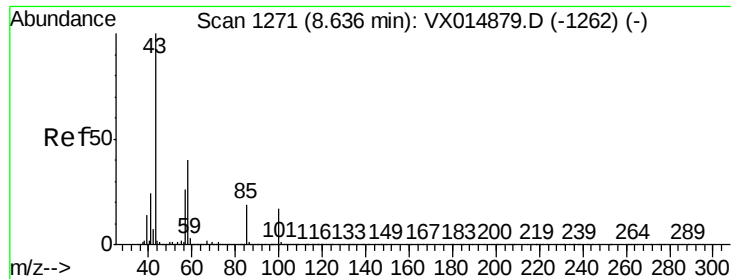
Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.2	27.0	40.4
58	69.2	53.2	79.8



#50
Toluene-d8
Concen: 146.26 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6

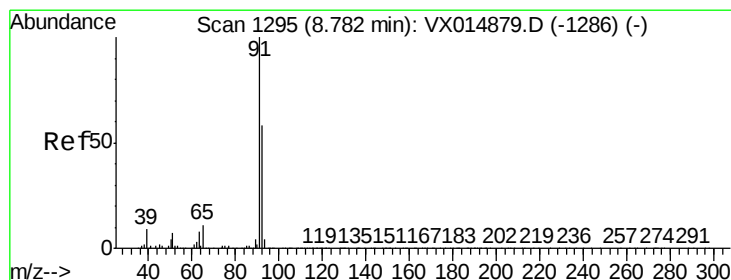
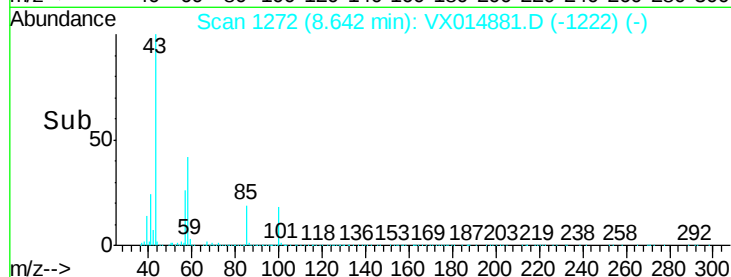
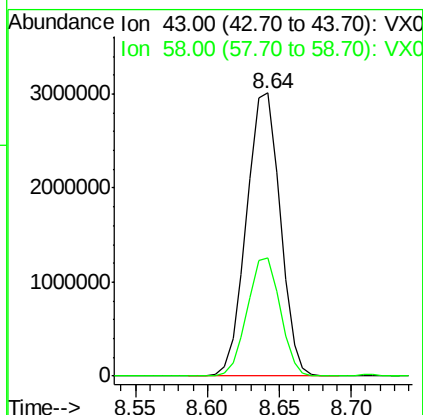
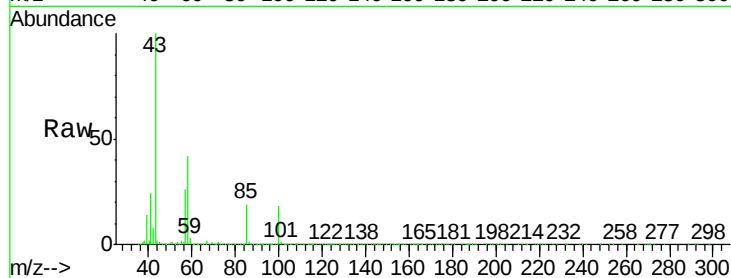




#51
4-Methyl-2-Pentanone
Concen: 814.93 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

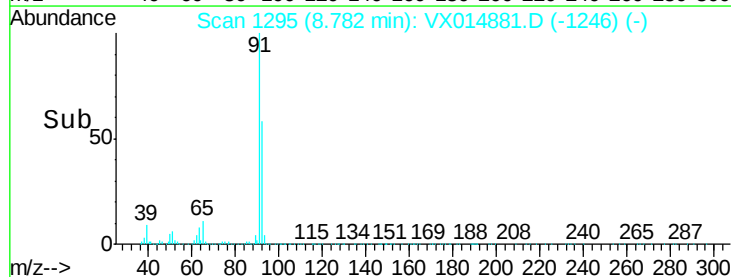
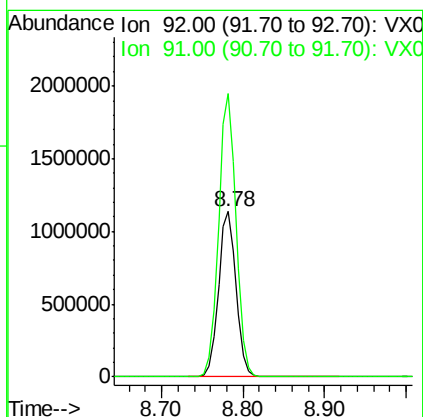
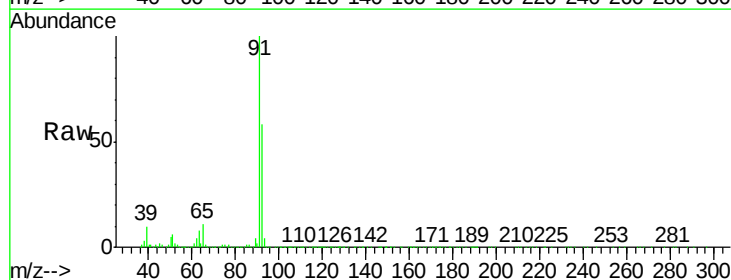
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

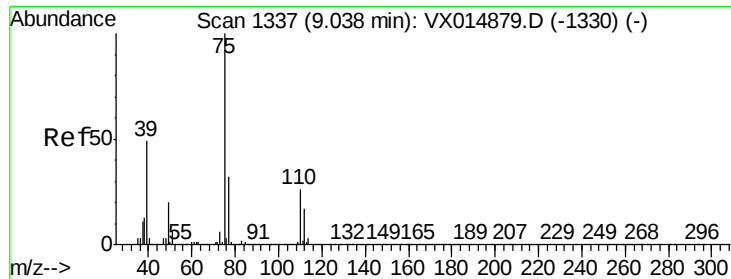
Tgt Ion: 43 Resp: 4877359
Ion Ratio Lower Upper
43 100
58 40.9 31.9 47.9



#52
Toluene
Concen: 154.48 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 92 Resp: 1712698
Ion Ratio Lower Upper
92 100
91 170.1 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 173.77 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

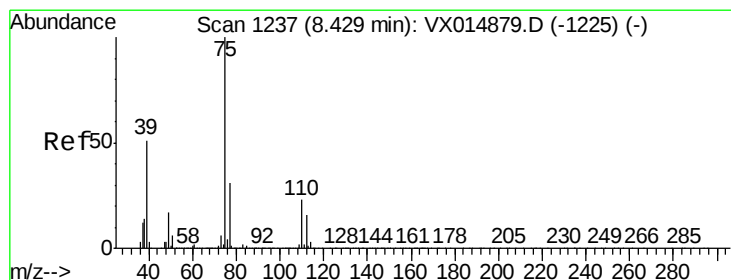
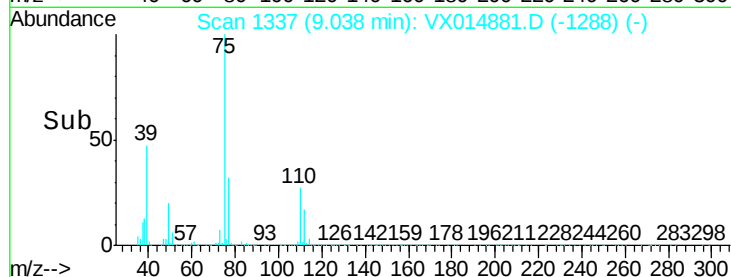
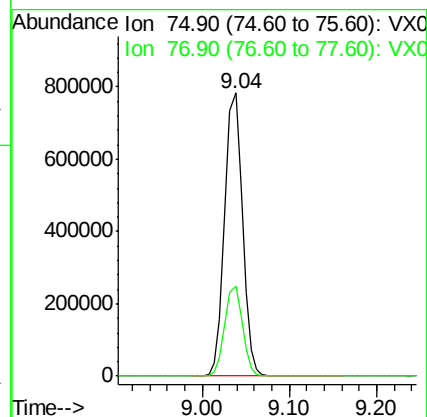
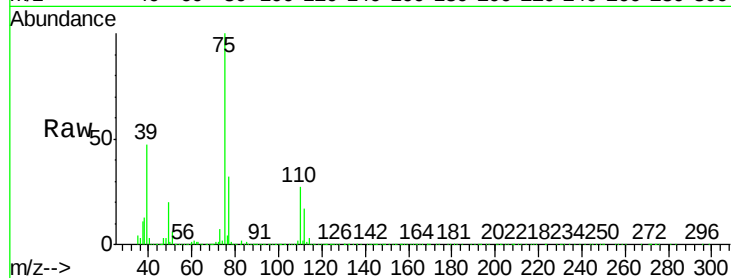
VSTDIC150

Tgt Ion: 75 Resp: 1109650

Ion Ratio Lower Upper

75 100

77 32.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 164.69 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

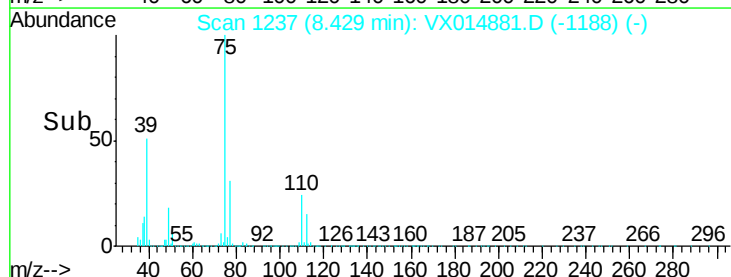
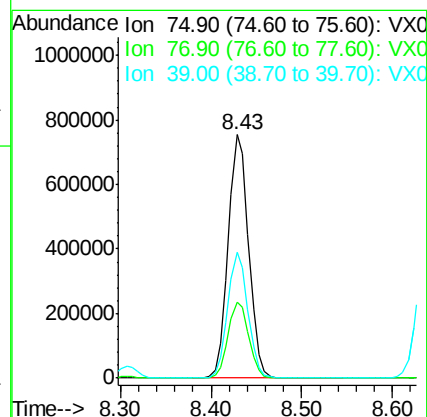
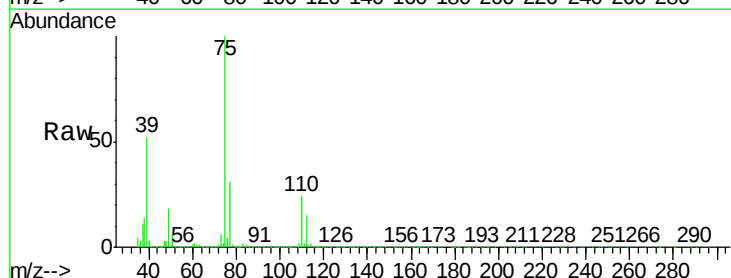
Tgt Ion: 75 Resp: 1181290

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 51.5 40.9 61.3

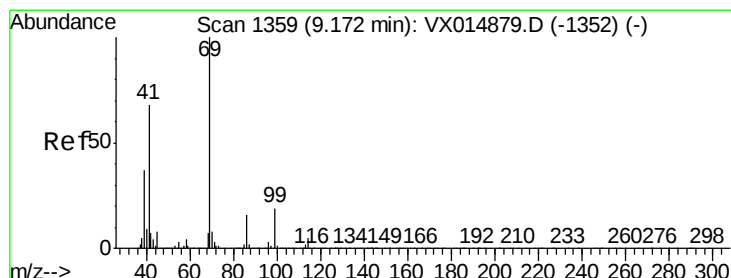
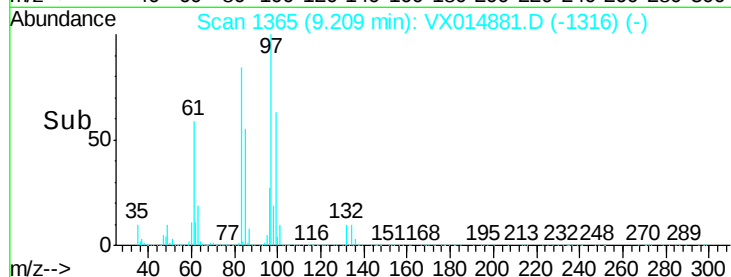
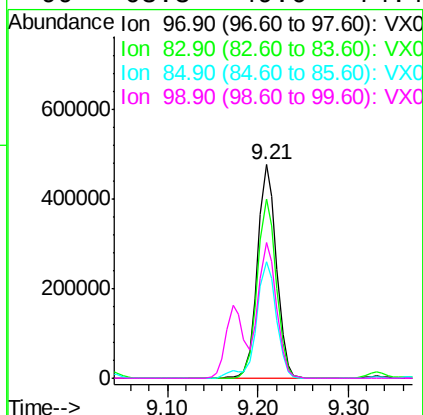
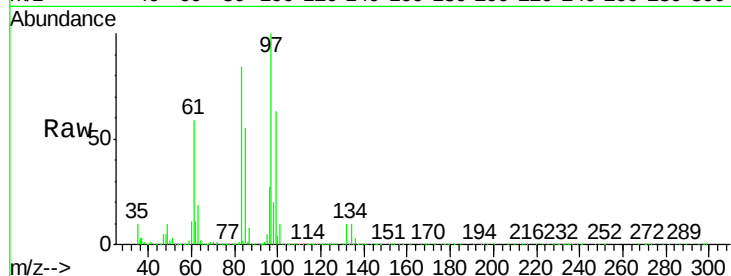




#55
 1,1,2-Trichloroethane
 Concen: 154.26 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

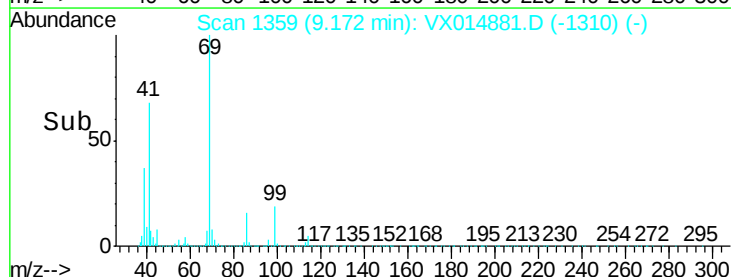
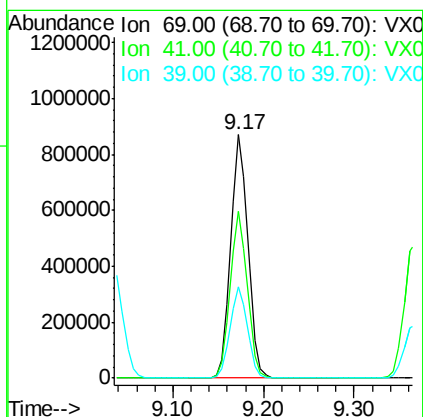
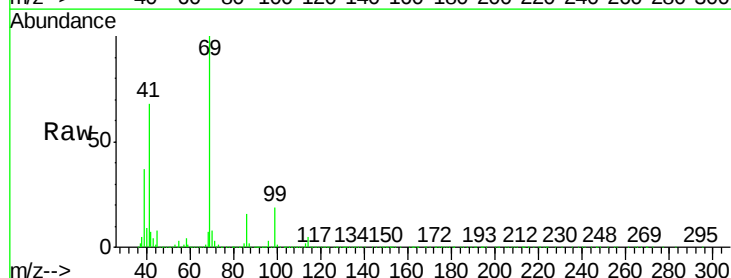
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

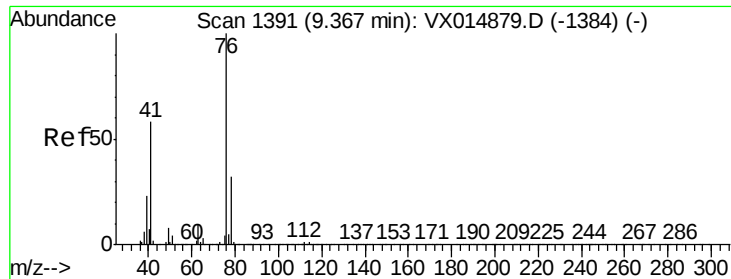
Tgt Ion:	97	Resp:	693368
Ion	Ratio	Lower	Upper
97	100		
83	84.1	66.6	99.8
85	54.7	43.5	65.3
99	63.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 178.24 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion:	69	Resp:	1151774
Ion	Ratio	Lower	Upper
69	100		
41	67.8	54.8	82.2
39	37.5	29.9	44.9

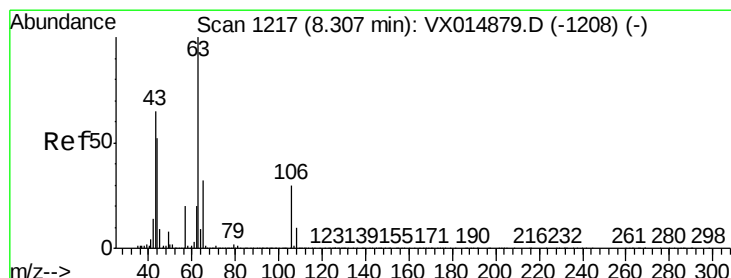
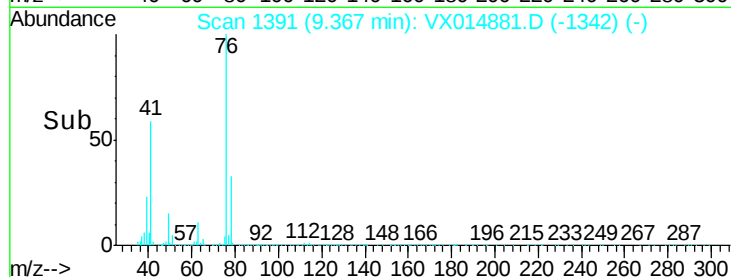
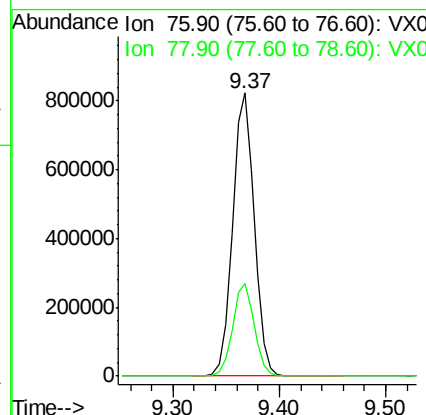
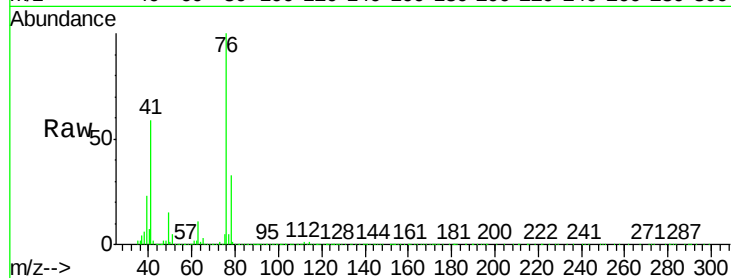




#57
 1,3-Dichloropropane
 Concen: 153.71 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

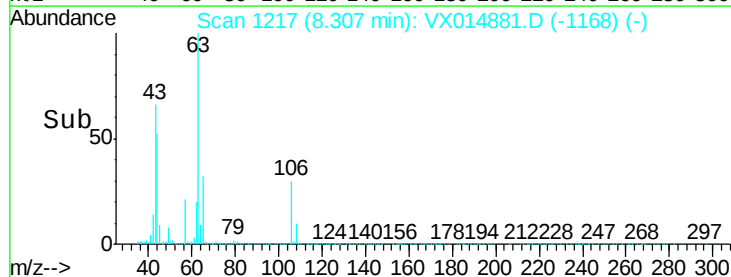
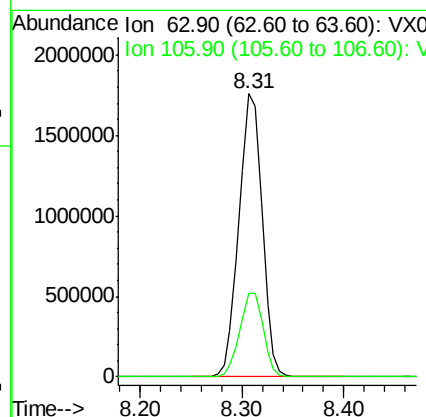
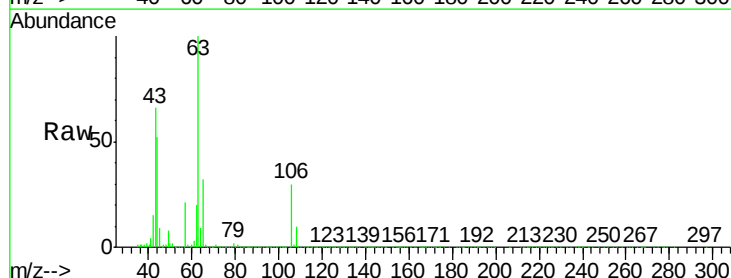
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

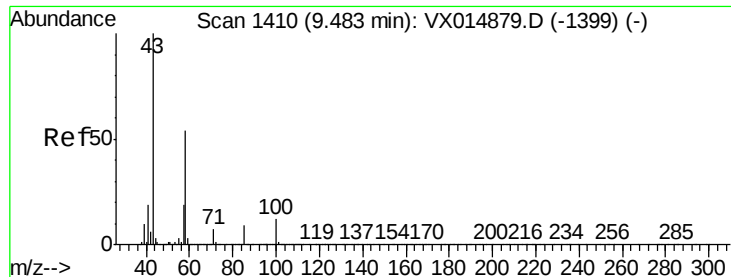
Tgt Ion: 76 Resp: 1165892
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 787.97 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion: 63 Resp: 2757004
 Ion Ratio Lower Upper
 63 100
 106 30.3 23.8 35.8

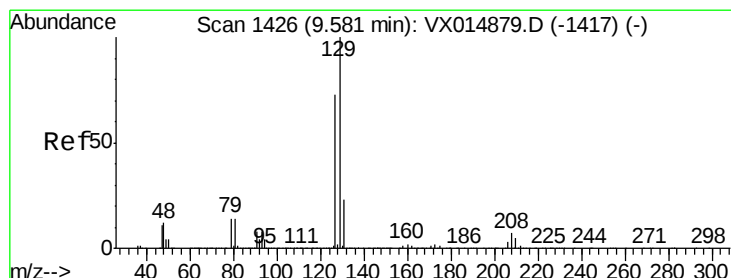
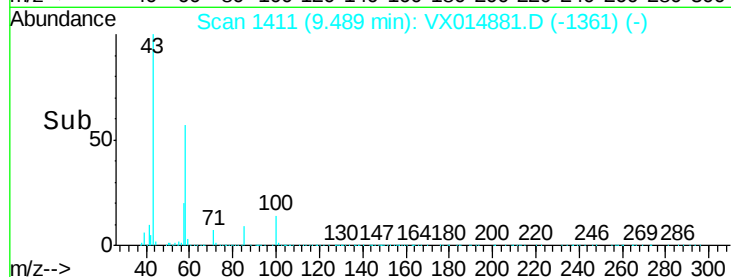
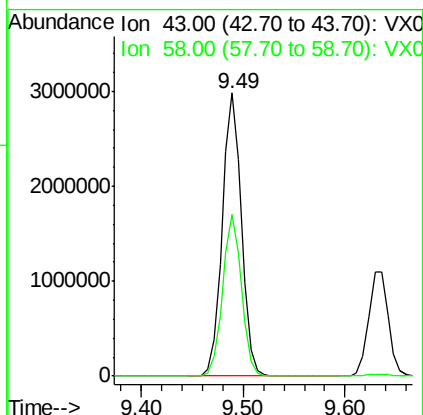
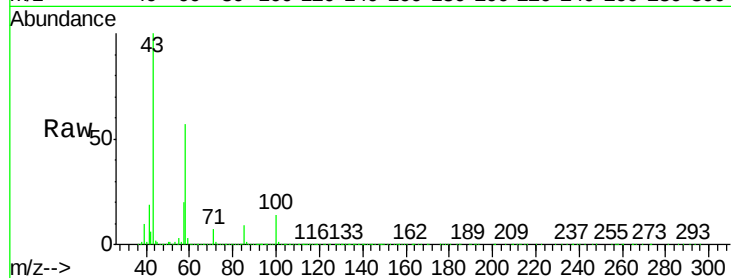




#59
2-Hexanone
Concen: 833.98 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

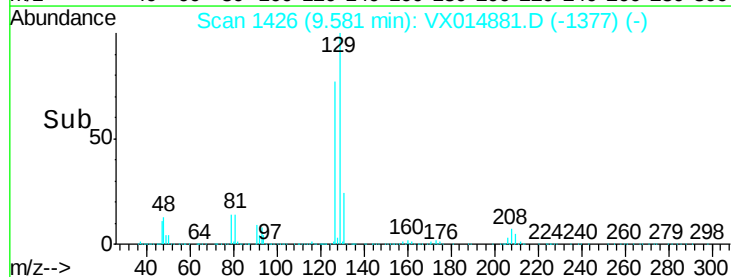
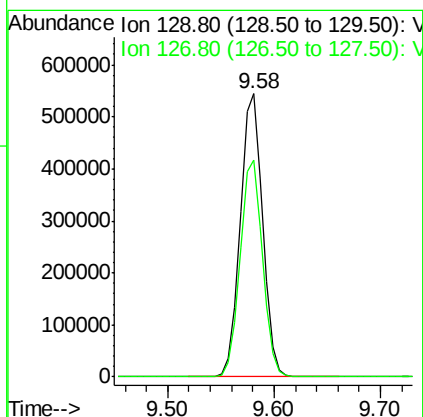
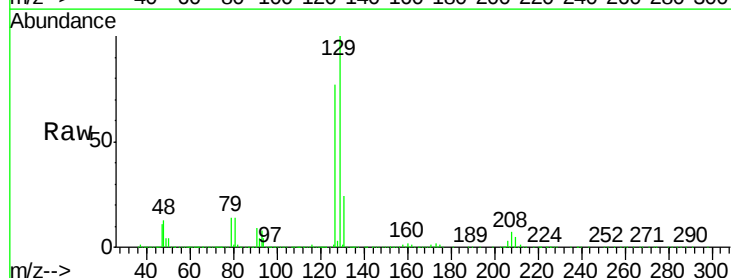
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

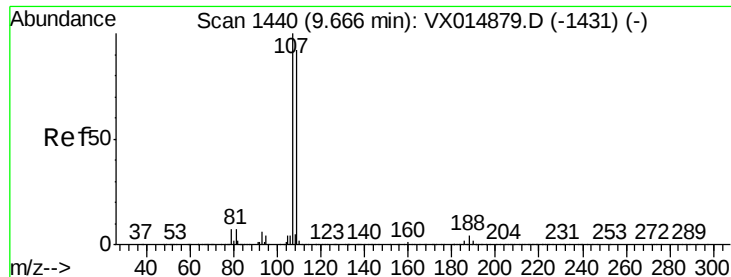
Tgt Ion: 43 Resp: 3895156
Ion Ratio Lower Upper
43 100
58 56.1 27.5 82.5



#60
Dibromochloromethane
Concen: 172.18 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion: 129 Resp: 802908
Ion Ratio Lower Upper
129 100
127 76.8 37.8 113.3

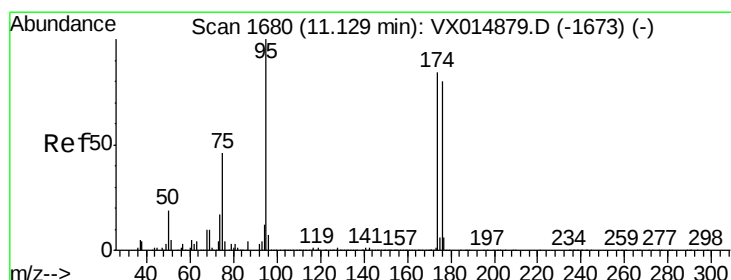
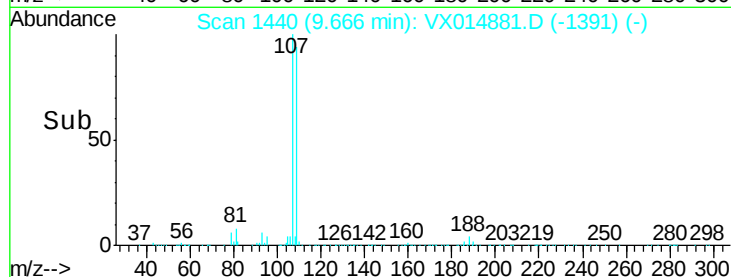
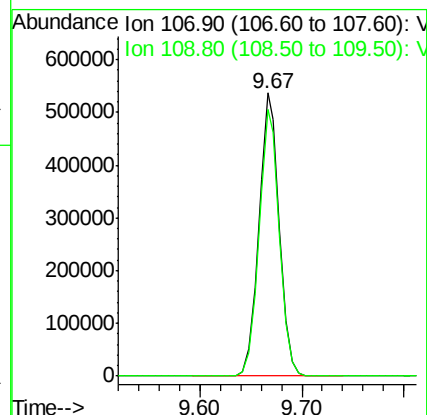
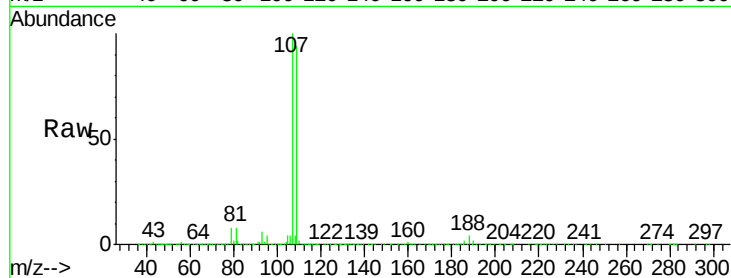




#61
 1,2-Dibromoethane
 Concen: 153.76 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

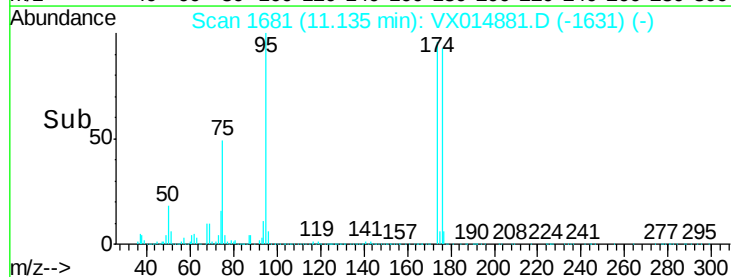
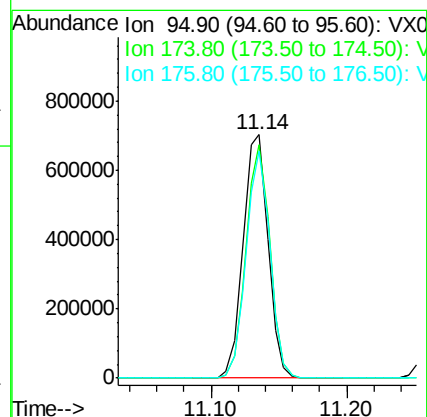
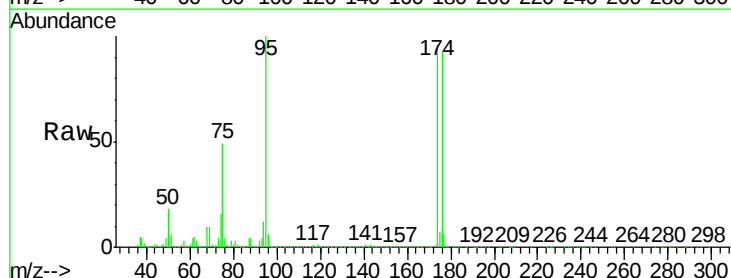
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

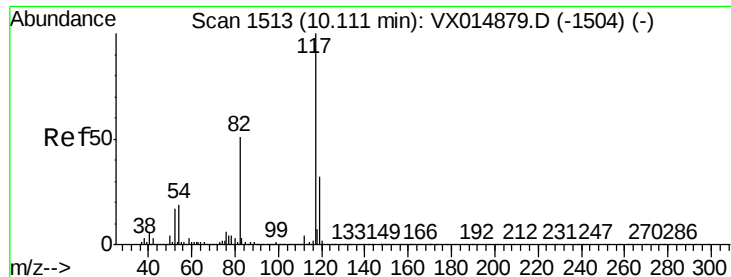
Tgt Ion: 107 Resp: 747853
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 164.64 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion: 95 Resp: 897875
 Ion Ratio Lower Upper
 95 100
 174 92.1 0.0 183.0
 176 89.4 0.0 178.0

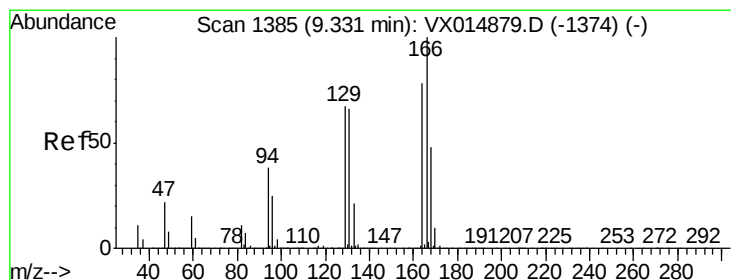
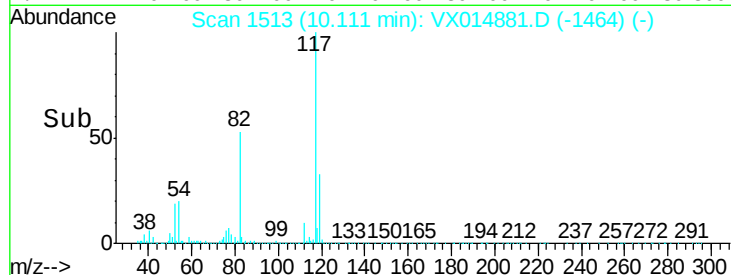
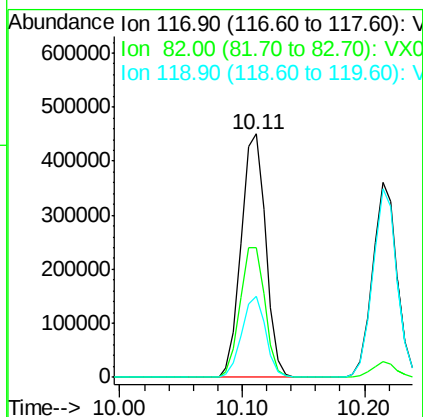
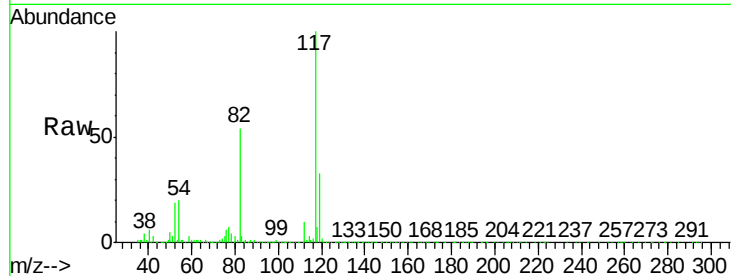




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

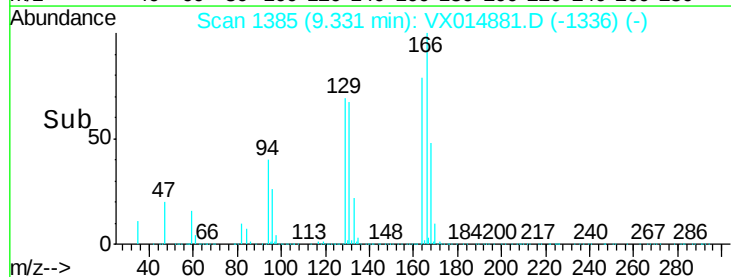
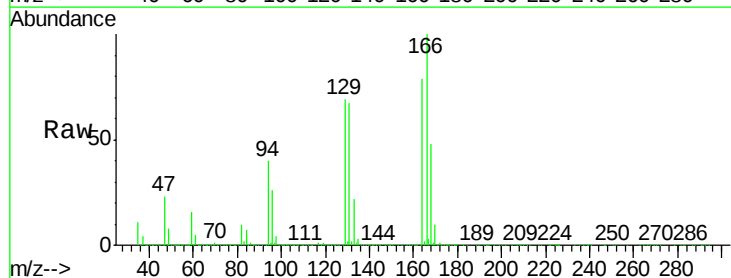
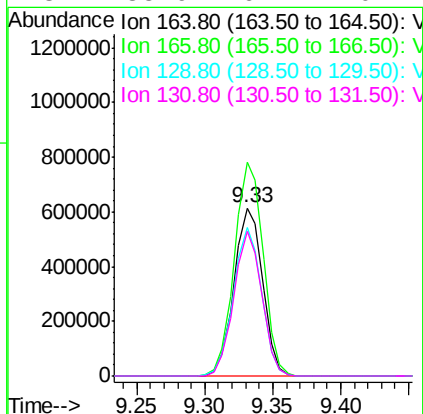
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

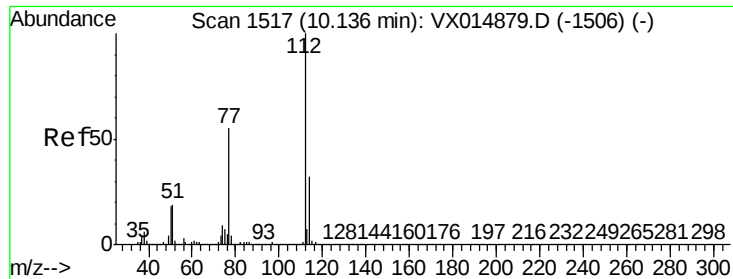
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	33.3	25.8	38.6



#64
Tetrachloroethene
Concen: 156.33 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.6	153.8
129	88.3	68.3	102.5
131	85.9	67.4	101.2





#65

Chlorobenzene

Concen: 150.62 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

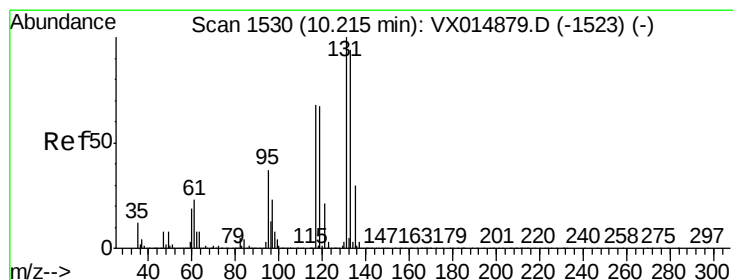
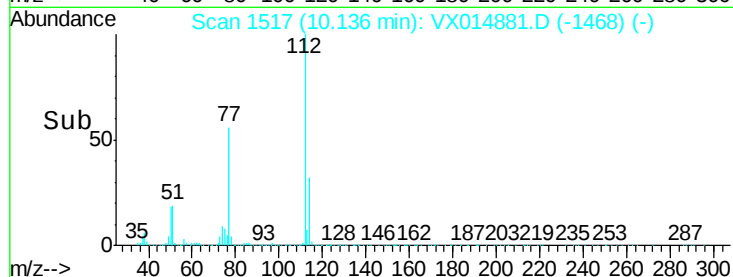
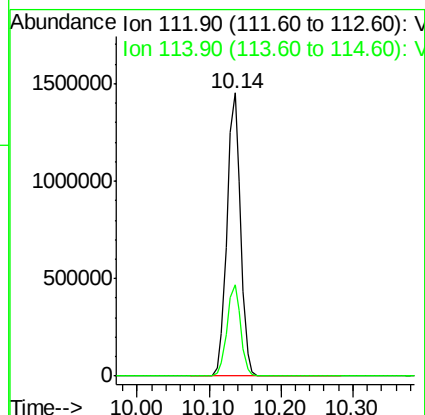
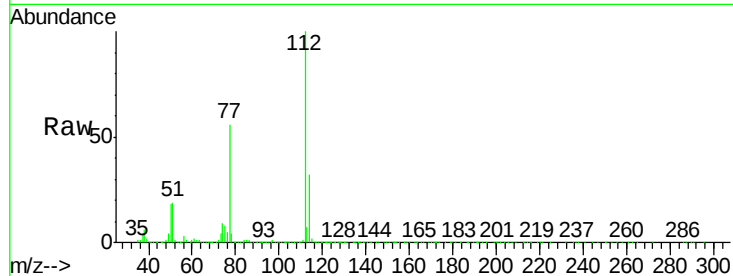
VSTDIC150

Tgt Ion:112 Resp: 1908146

Ion Ratio Lower Upper

112 100

114 32.2 25.6 38.4



#66

1,1,1,2-Tetrachloroethane

Concen: 161.39 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

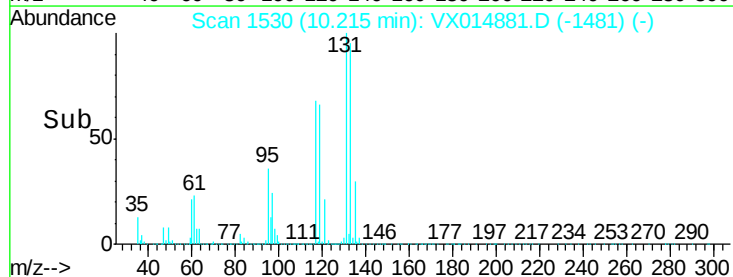
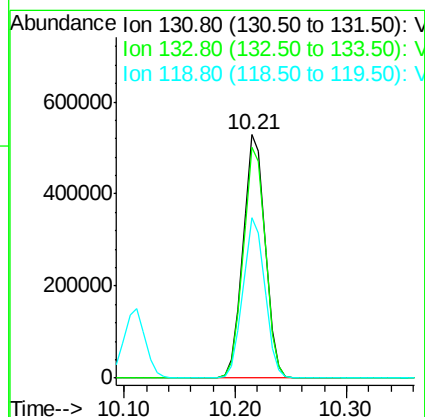
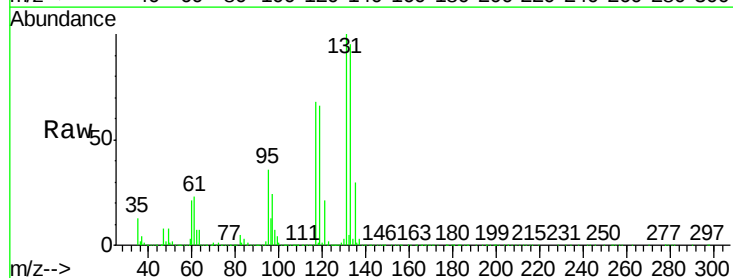
Tgt Ion:131 Resp: 726590

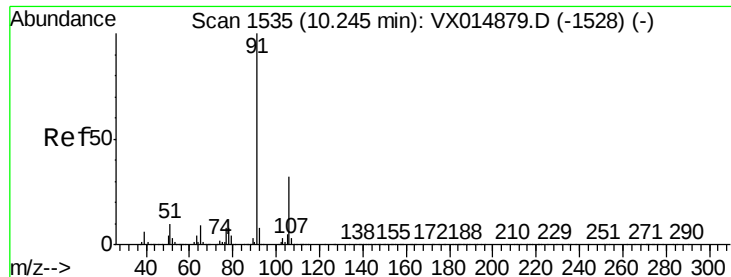
Ion Ratio Lower Upper

131 100

133 95.1 48.1 144.4

119 65.5 33.0 99.0





#67

Ethyl Benzene

Concen: 158.54 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

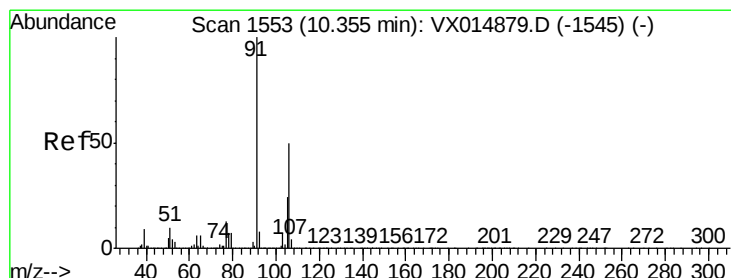
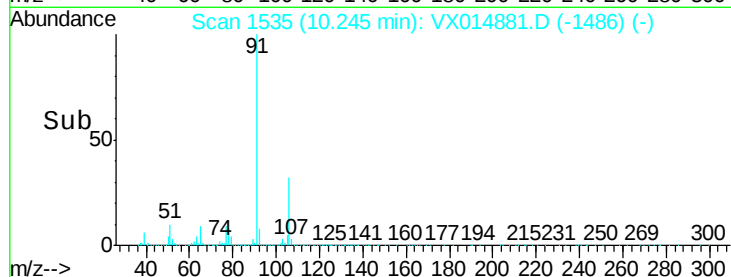
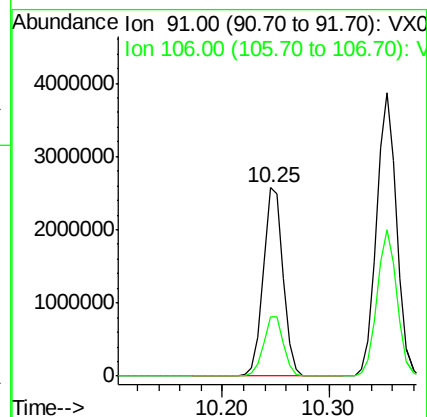
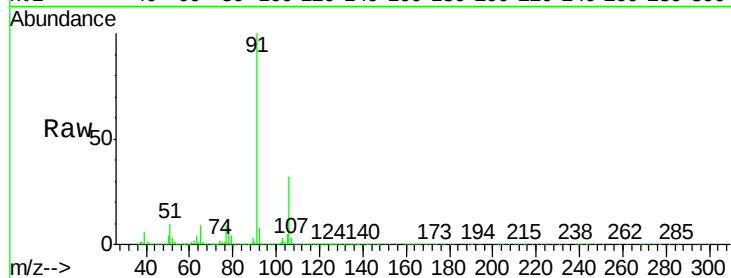
VSTDIC150

Tgt Ion: 91 Resp: 3362774

Ion Ratio Lower Upper

91 100

106 31.7 25.3 37.9



#68

m/p-Xylenes

Concen: 320.07 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014881.D

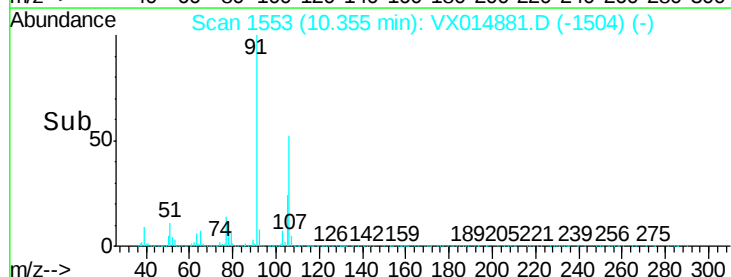
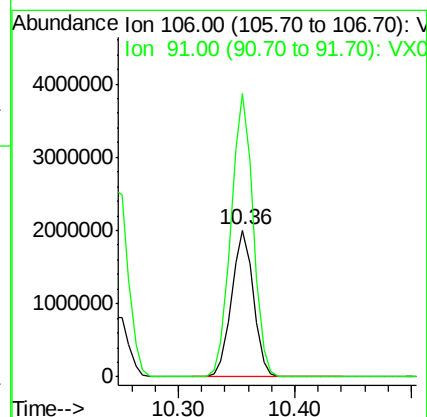
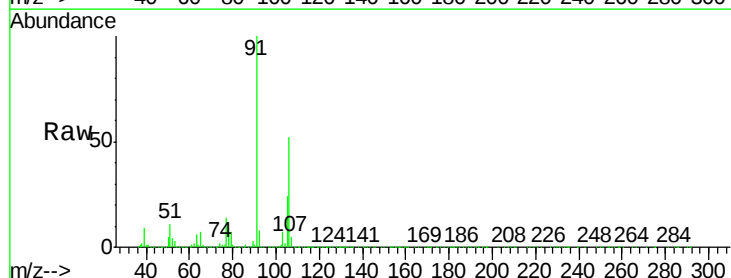
Acq: 10 Feb 2020 11:46

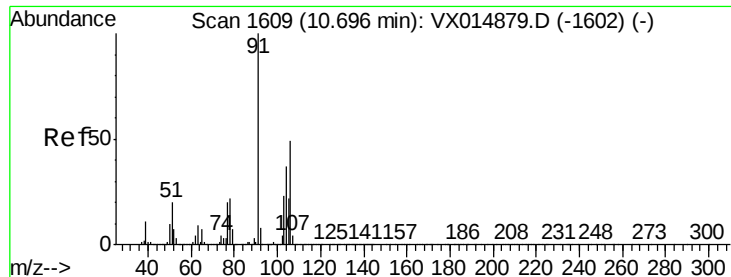
Tgt Ion: 106 Resp: 2607805

Ion Ratio Lower Upper

106 100

91 194.9 160.6 240.8

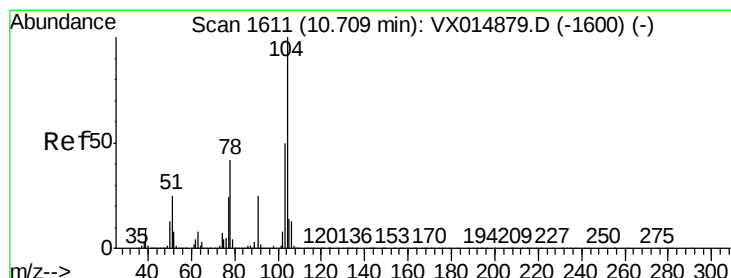
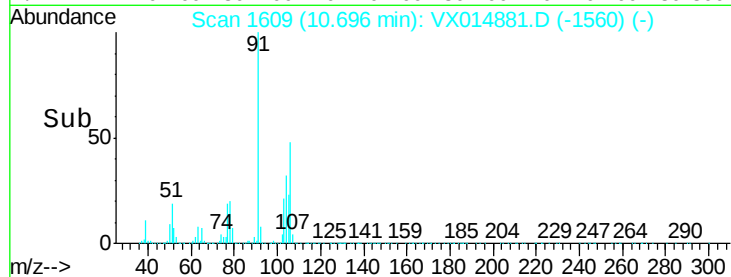
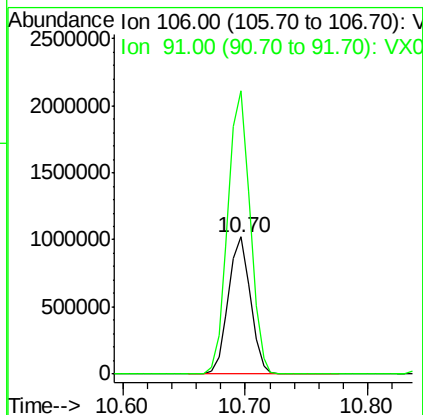
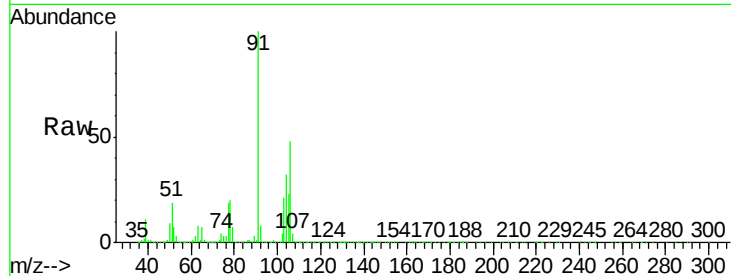




#69
o-Xylene
Concen: 163.01 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

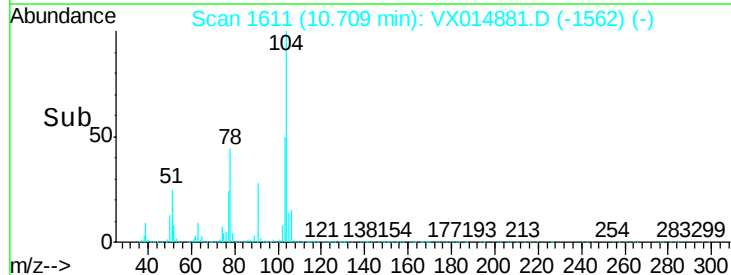
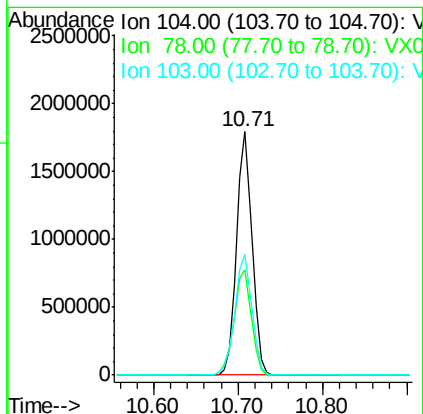
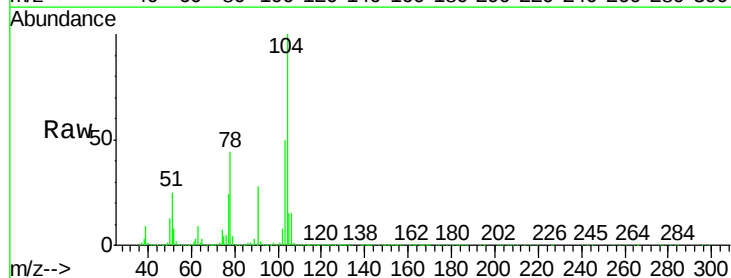
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

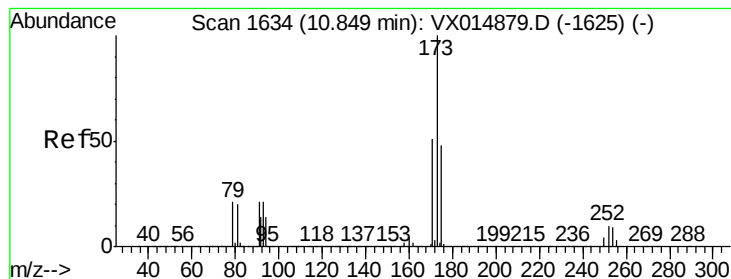
Tgt Ion:106 Resp: 1272672
Ion Ratio Lower Upper
106 100
91 208.1 105.1 315.3



#70
Styrene
Concen: 171.92 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion:104 Resp: 2226404
Ion Ratio Lower Upper
104 100
78 48.9 39.0 58.4
103 54.4 43.4 65.0





#71

Bromoform

Concen: 182.53 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

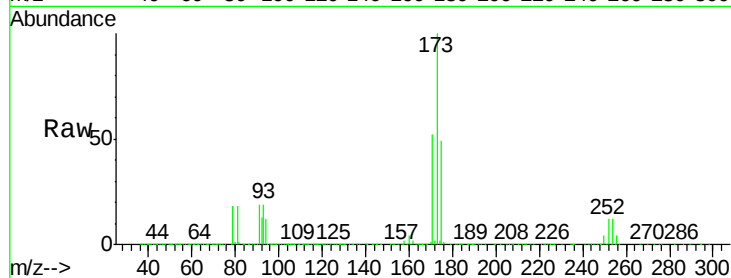
Tgt Ion:173 Resp: 658232

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

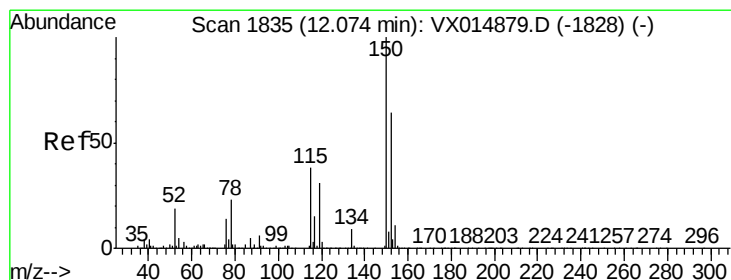
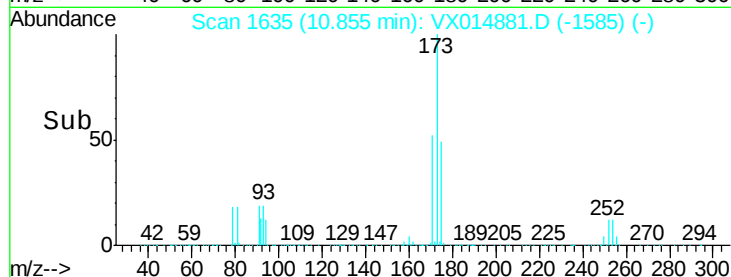
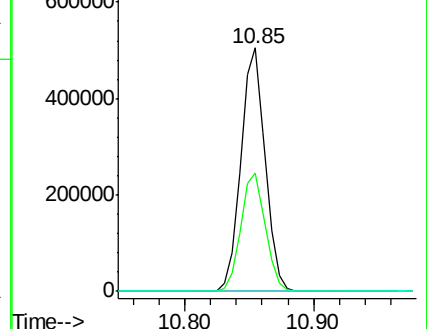
254 0.2 0.2 0.2



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: 50.00 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

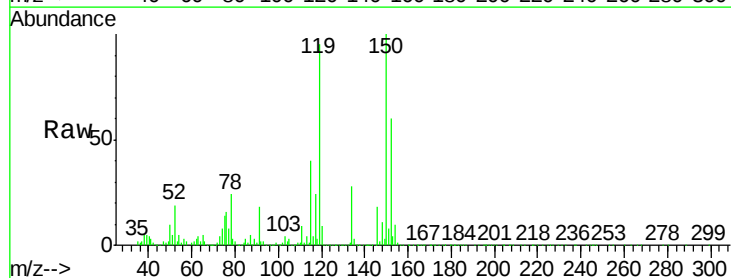
Tgt Ion:152 Resp: 349409

Ion Ratio Lower Upper

152 100

115 119.1 38.6 116.0#

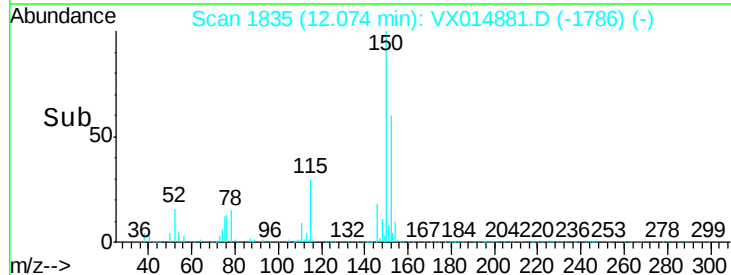
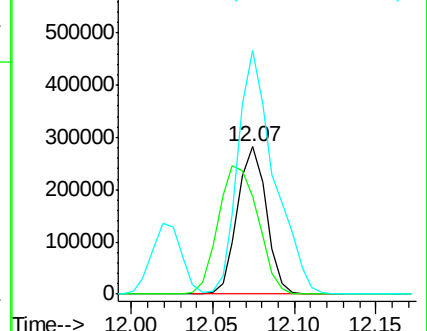
150 206.1 0.0 349.0

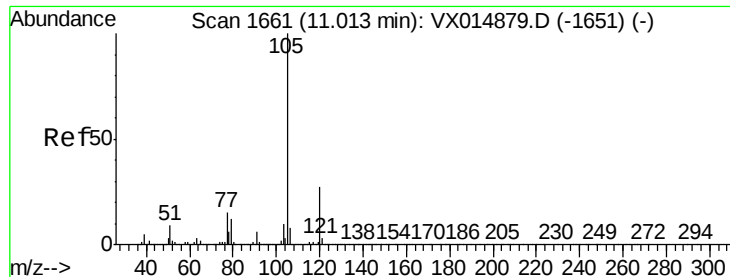


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 151.06 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

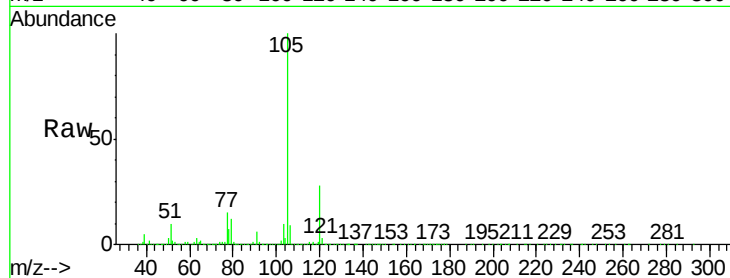
VSTDIC150

Tgt Ion: 105 Resp: 3293485

Ion Ratio Lower Upper

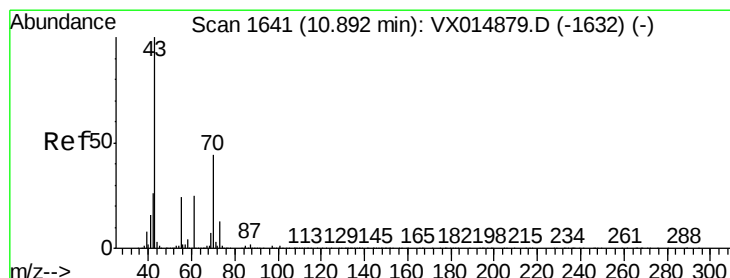
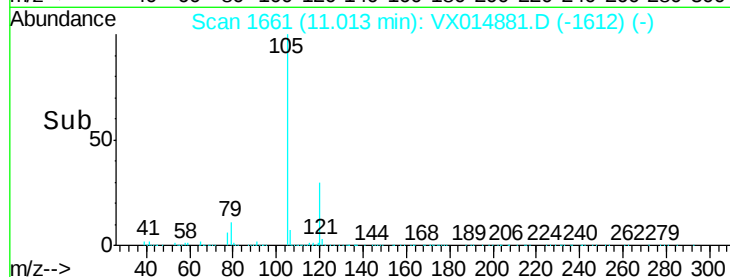
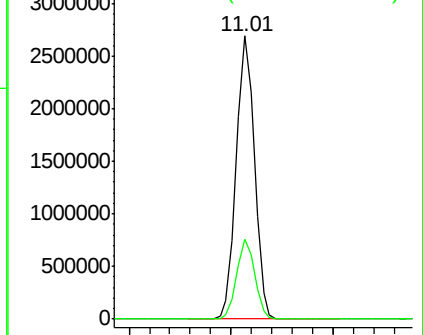
105 100

120 27.6 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 178.39 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Tgt Ion: 43 Resp: 1534006

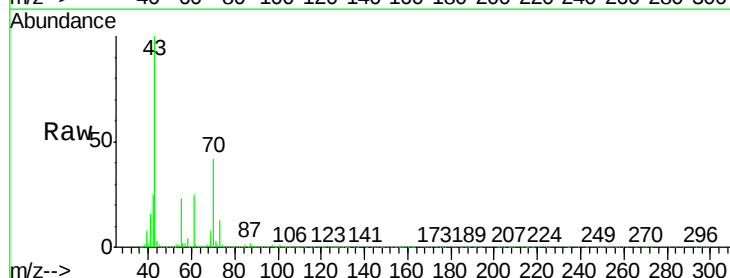
Ion Ratio Lower Upper

43 100

70 43.5 35.0 52.4

55 23.6 19.4 29.2

61 25.1 19.8 29.6

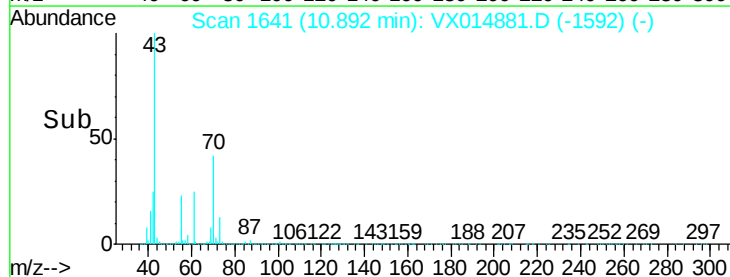
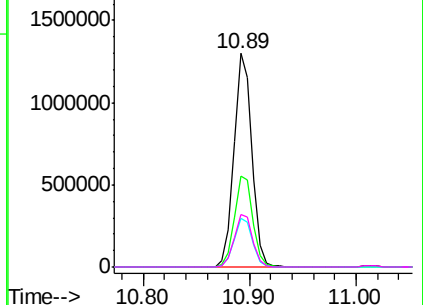


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 150.60 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

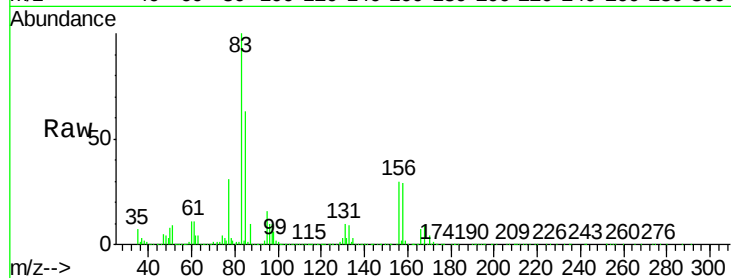
Tgt Ion: 83 Resp: 1081201

Ion Ratio Lower Upper

83 100

131 10.4 5.3 16.1

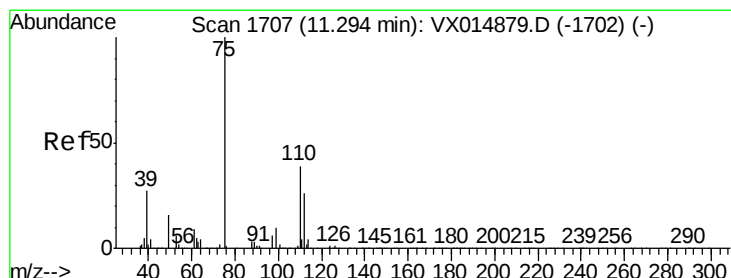
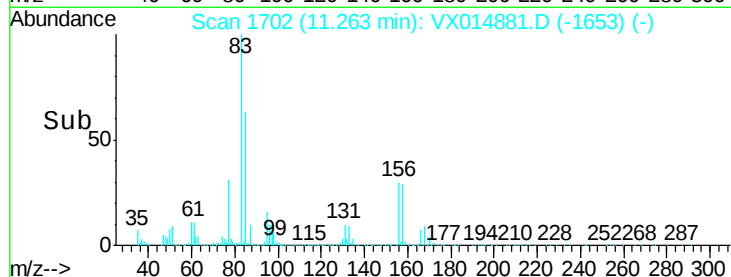
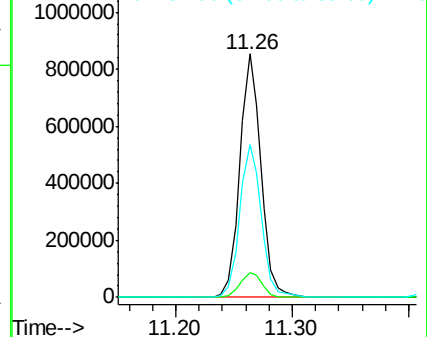
85 64.3 32.6 97.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 172.47 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX014881.D

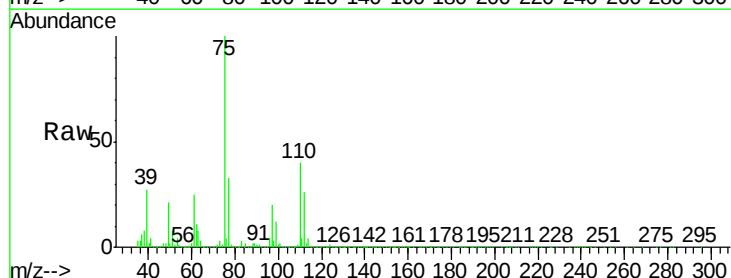
Acq: 10 Feb 2020 11:46

Tgt Ion: 75 Resp: 1302560

Ion Ratio Lower Upper

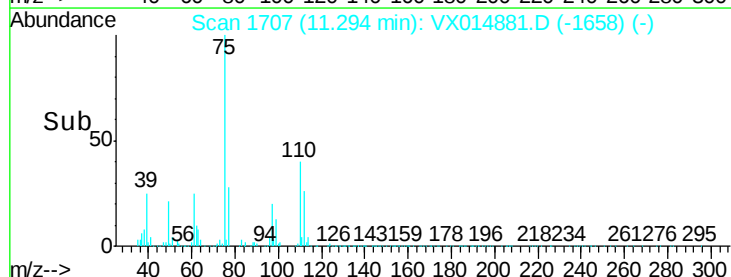
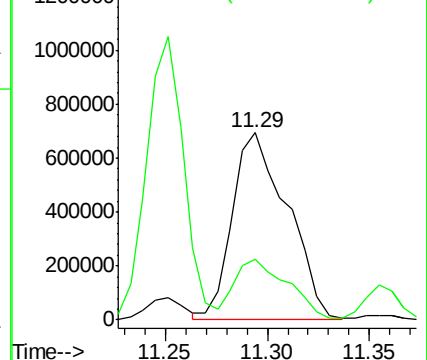
75 100

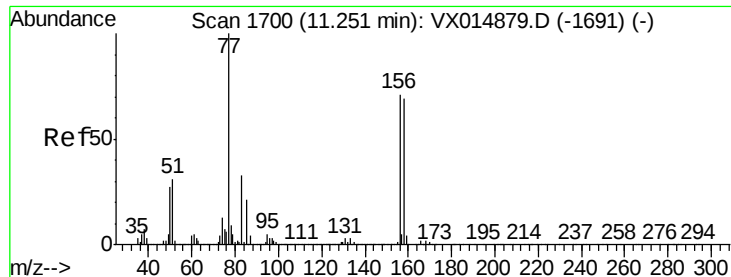
77 31.3 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 148.80 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

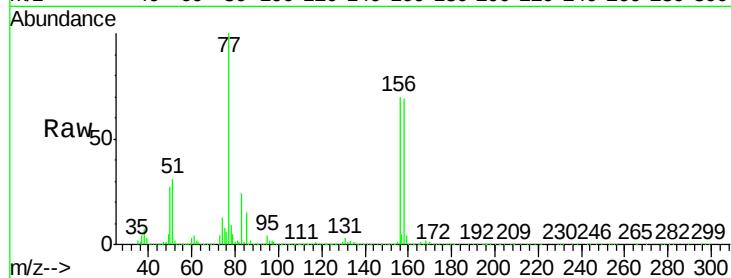
Tgt Ion:156 Resp: 911111

Ion Ratio Lower Upper

156 100

77 146.7 74.0 222.0

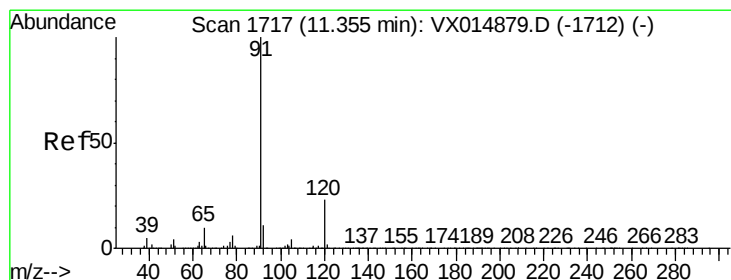
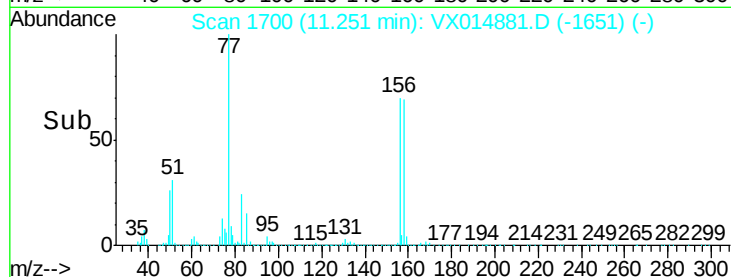
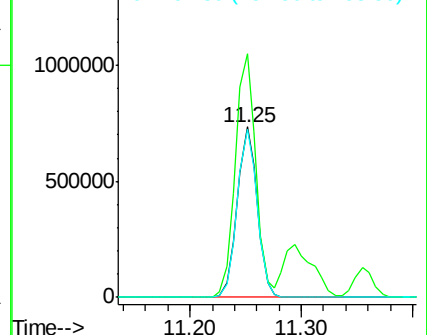
158 98.5 48.9 146.6



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: 152.85 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014881.D

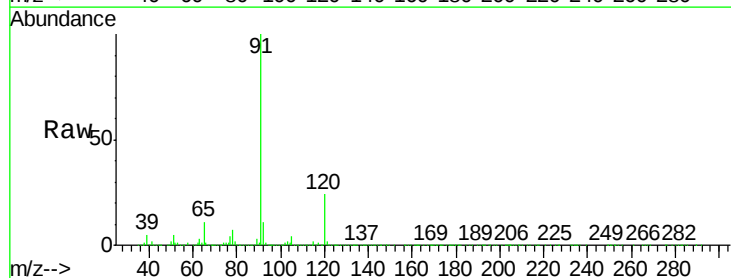
Acq: 10 Feb 2020 11:46

Tgt Ion: 91 Resp: 3839589

Ion Ratio Lower Upper

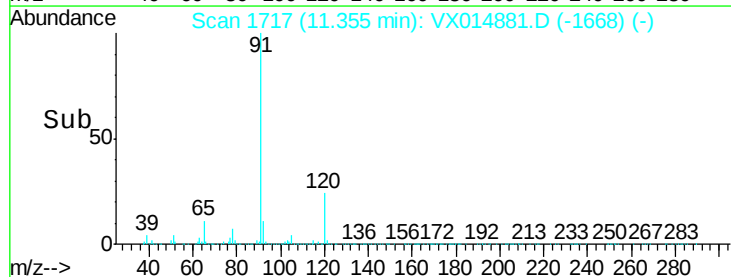
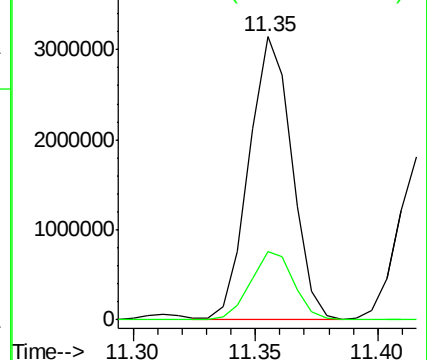
91 100

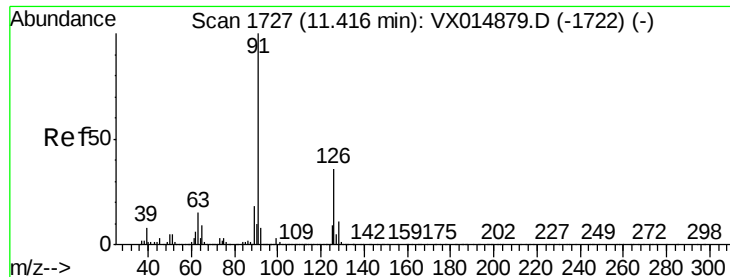
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 150.29 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

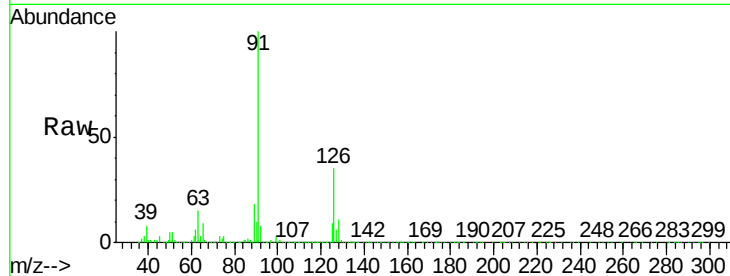
VSTDIC150

Tgt Ion: 91 Resp: 2233884

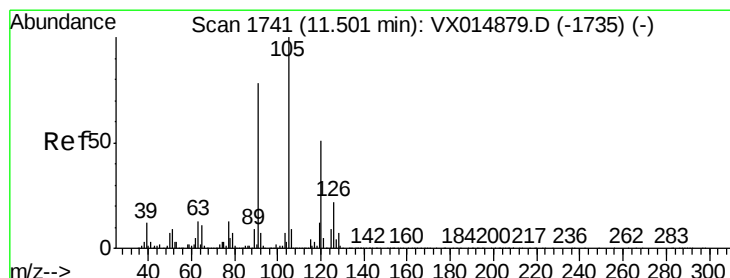
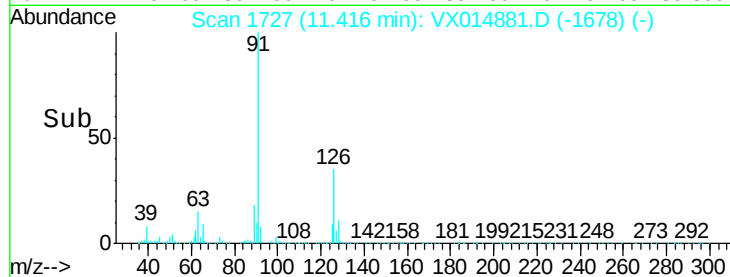
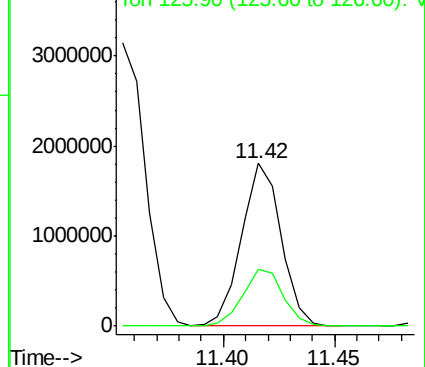
Ion Ratio Lower Upper

91 100

126 35.7 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX014881.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 160.78 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014881.D

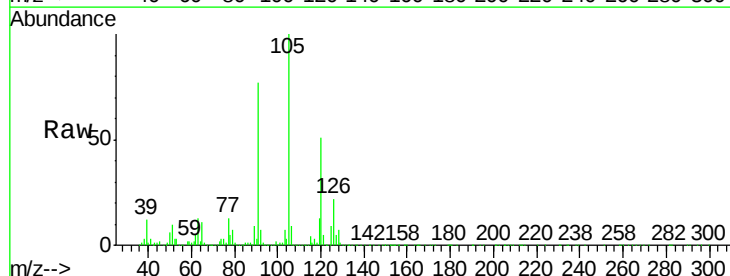
Acq: 10 Feb 2020 11:46

Tgt Ion: 105 Resp: 2875142

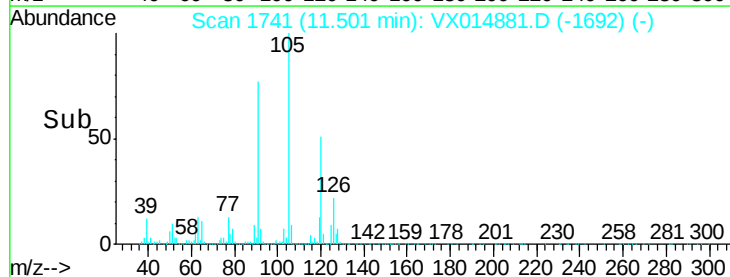
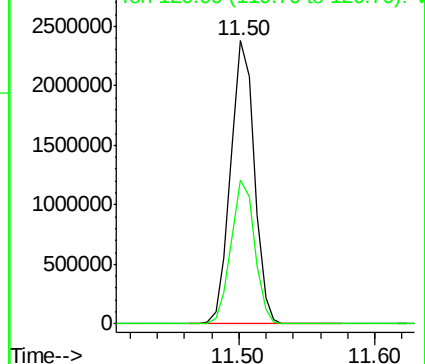
Ion Ratio Lower Upper

105 100

120 50.6 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VX014881.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 194.89 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

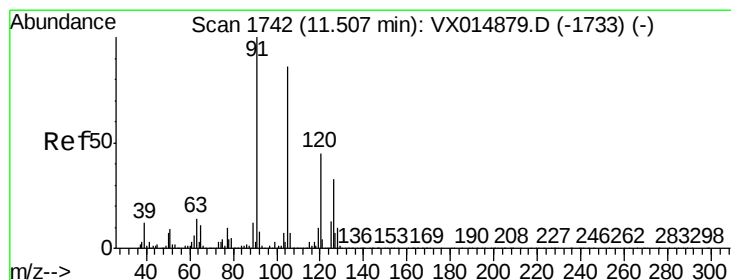
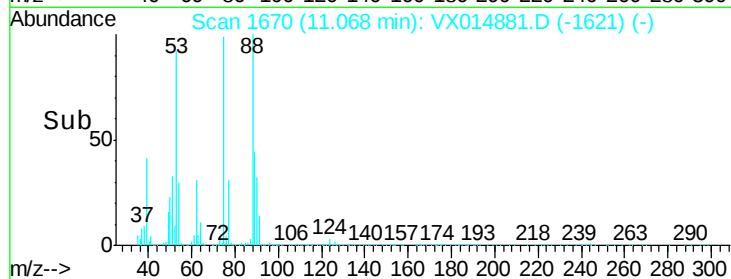
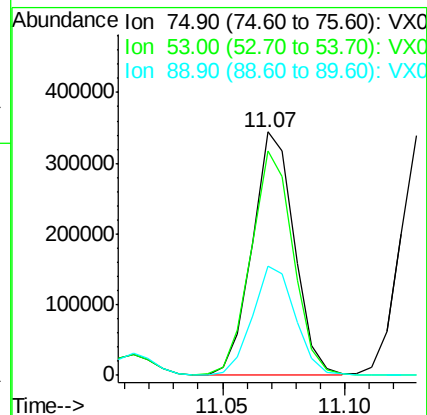
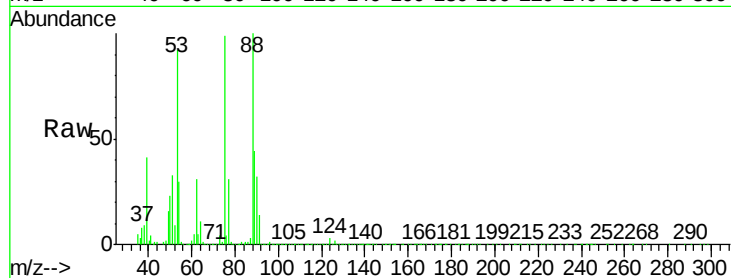
Tgt Ion: 75 Resp: 411322

Ion Ratio Lower Upper

75 100

53 92.6 76.2 114.2

89 46.2 35.8 53.6



#82

4-Chlorotoluene

Concen: 154.42 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014881.D

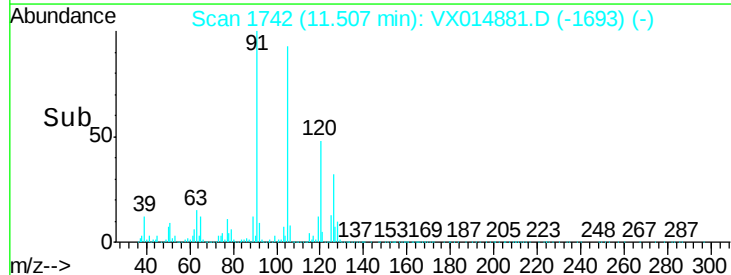
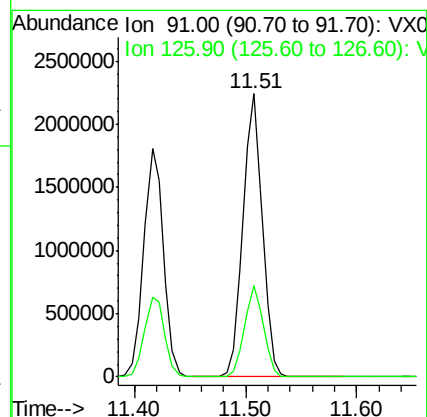
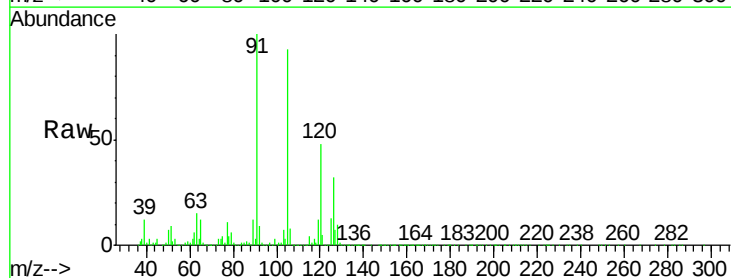
Acq: 10 Feb 2020 11:46

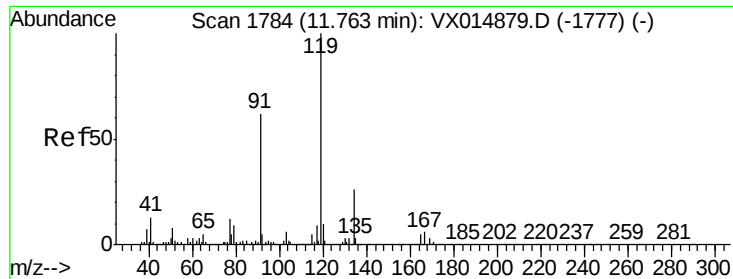
Tgt Ion: 91 Resp: 2700980

Ion Ratio Lower Upper

91 100

126 31.5 15.7 47.0

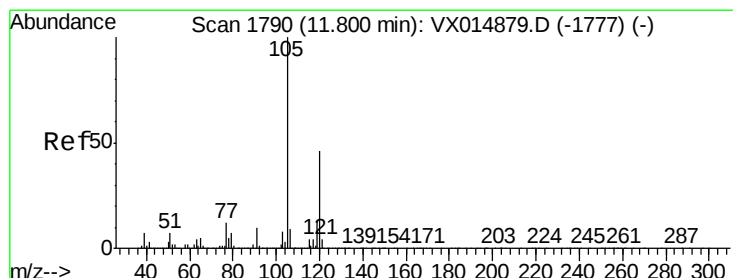
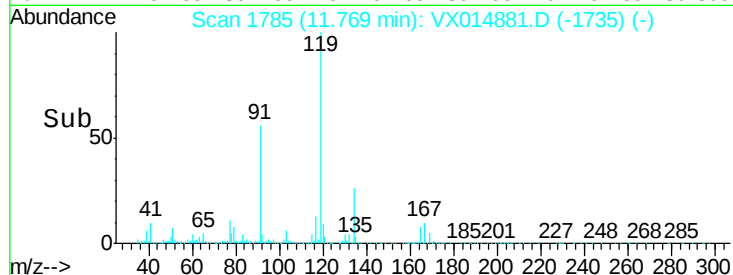
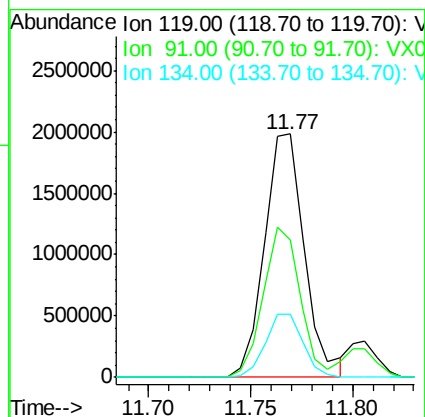
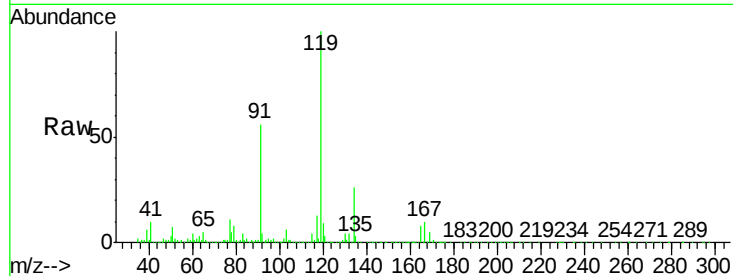




#83
 tert-Butylbenzene
 Concen: 158.29 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

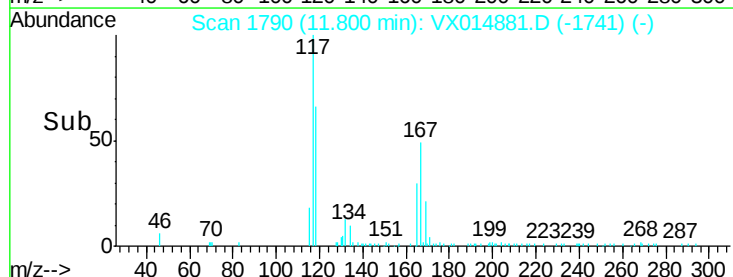
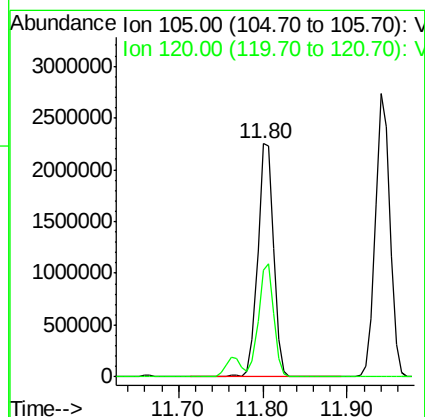
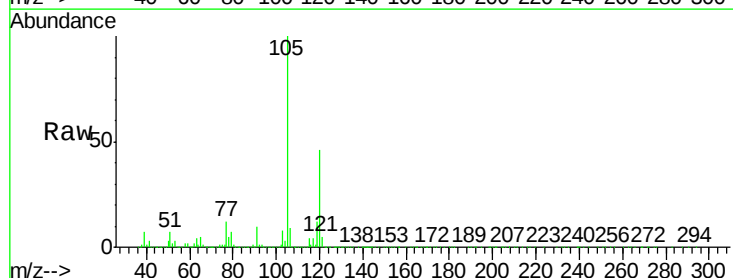
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

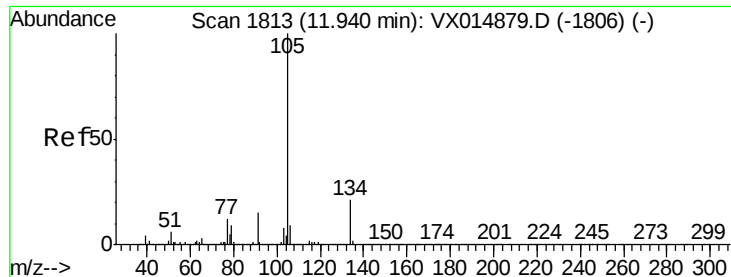
Tgt Ion:119 Resp: 2712858
 Ion Ratio Lower Upper
 119 100
 91 57.1 29.5 88.6
 134 24.5 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 158.32 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion:105 Resp: 2869063
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.0 69.0

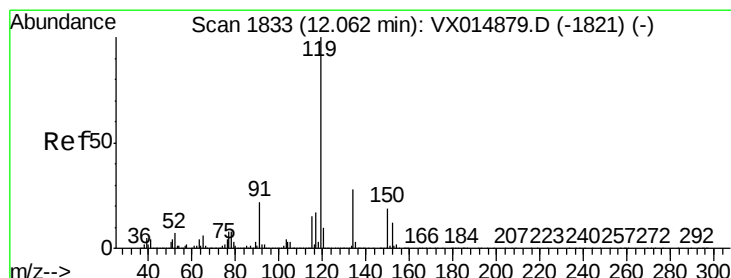
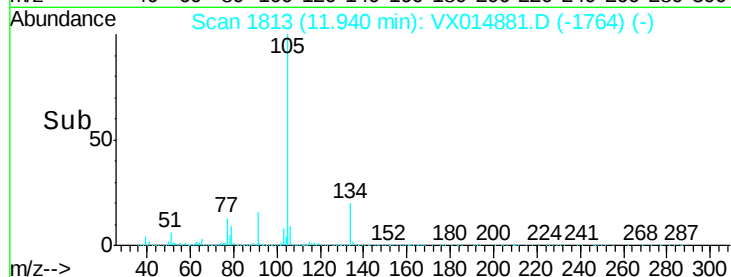
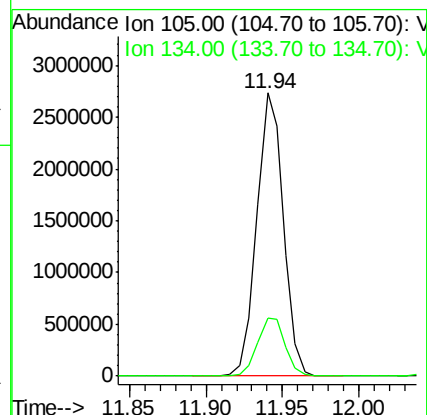
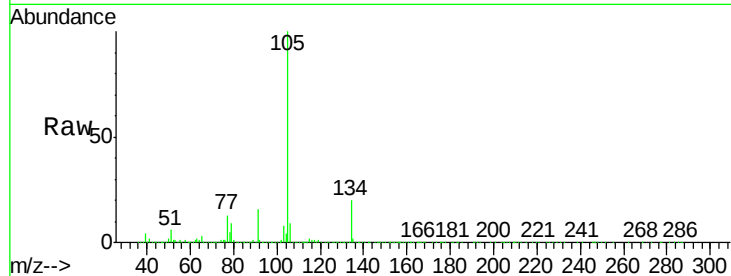




#85
 sec-Butylbenzene
 Concen: 155.60 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

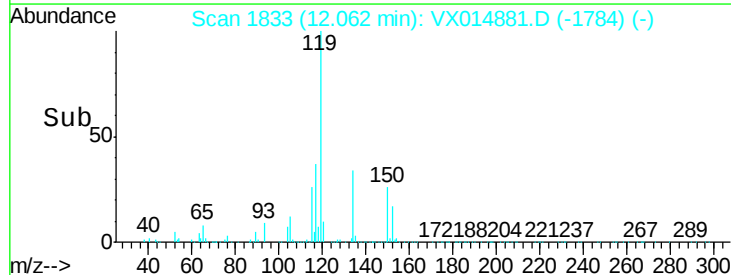
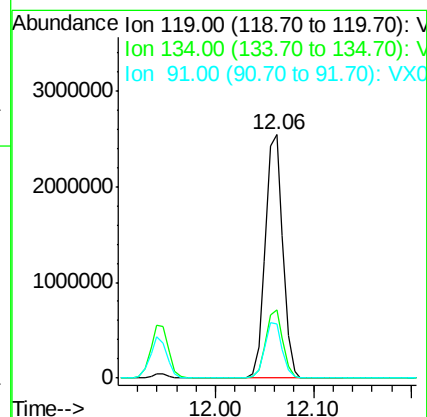
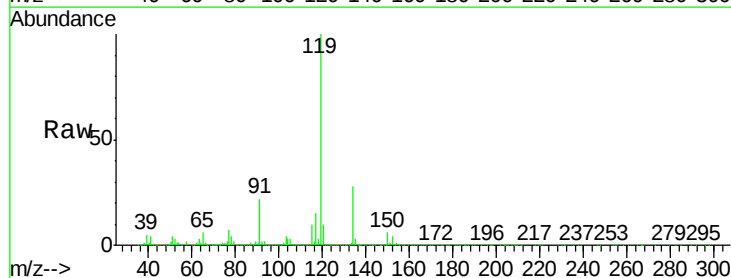
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

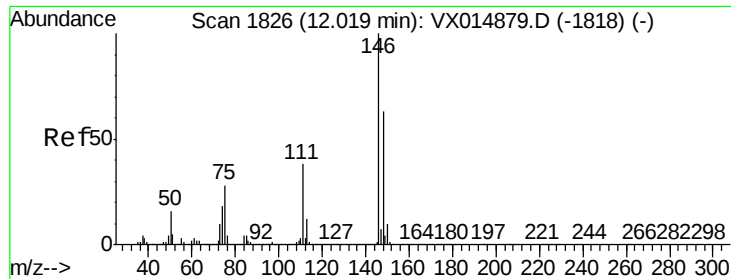
Tgt Ion:105 Resp: 3305165
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 159.09 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion:119 Resp: 3148689
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.5
 91 22.6 11.4 34.1

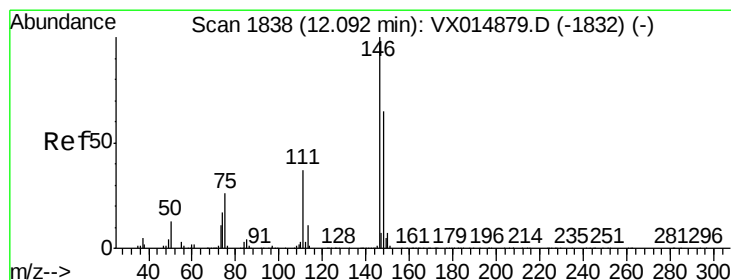
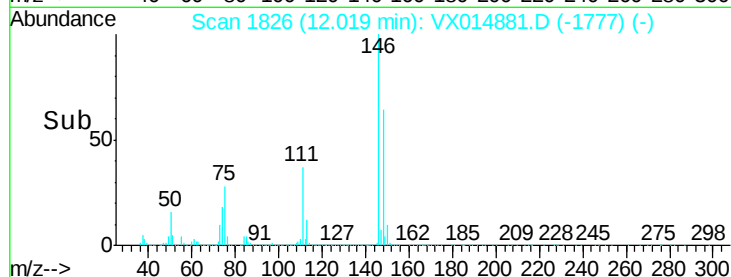
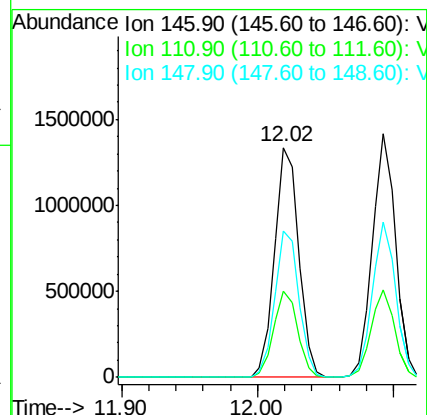
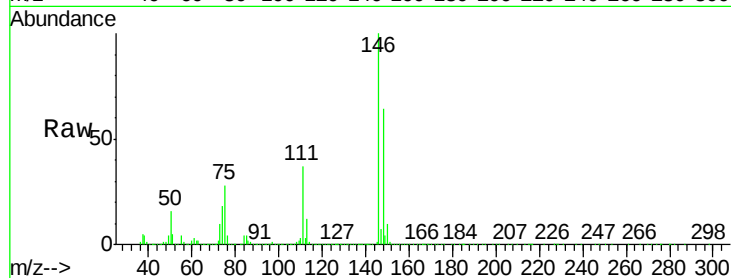




#87
 1,3-Dichlorobenzene
 Concen: 152.61 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

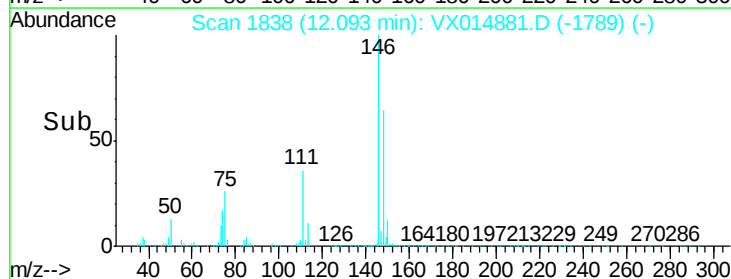
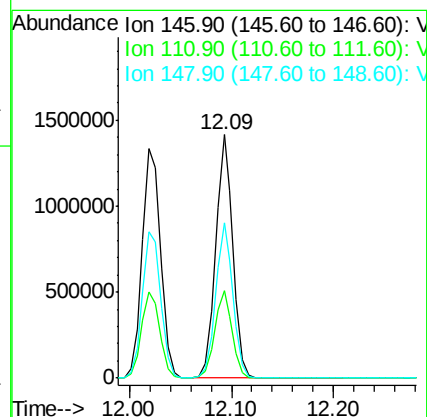
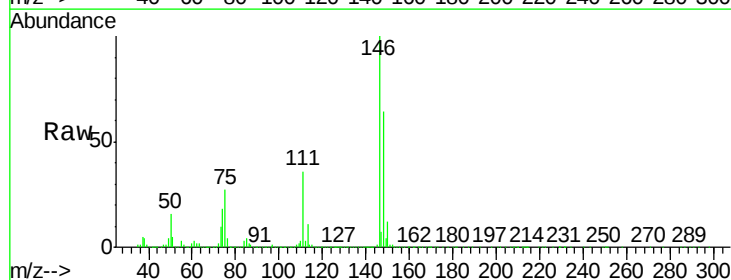
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

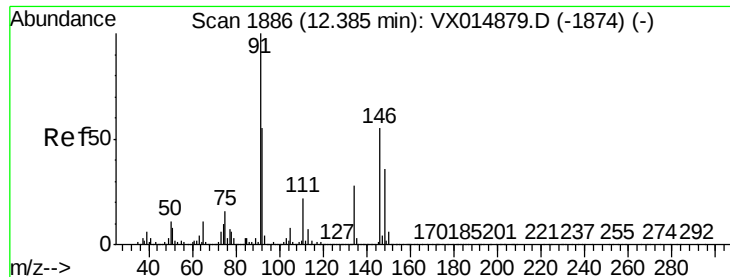
Tgt Ion:146 Resp: 1669378
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 56.0
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 152.38 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion:146 Resp: 1671552
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.6 55.6
 148 64.1 32.4 97.0





#89

n-Butylbenzene

Concen: 164.03 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

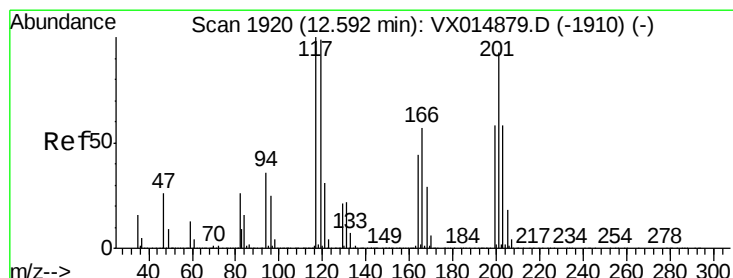
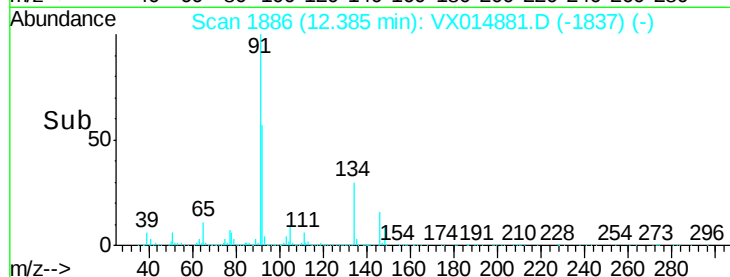
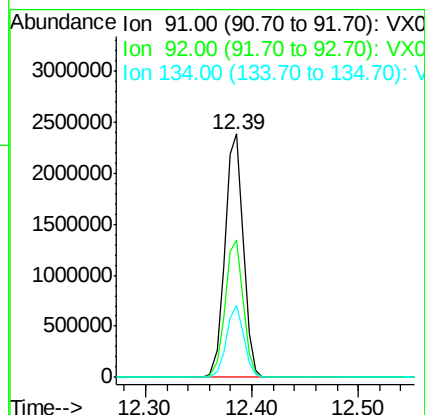
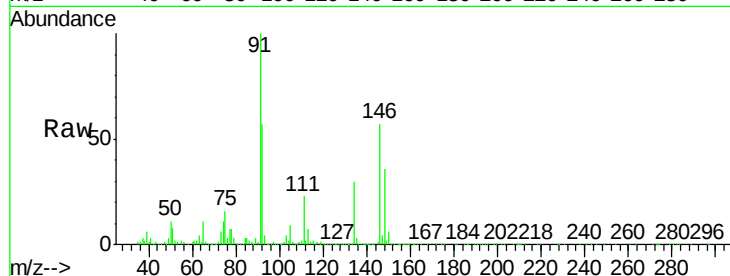
Tgt Ion: 91 Resp: 2873943

Ion Ratio Lower Upper

91 100

92 55.7 27.3 81.8

134 28.3 13.8 41.4



#90

Hexachloroethane

Concen: 171.22 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014881.D

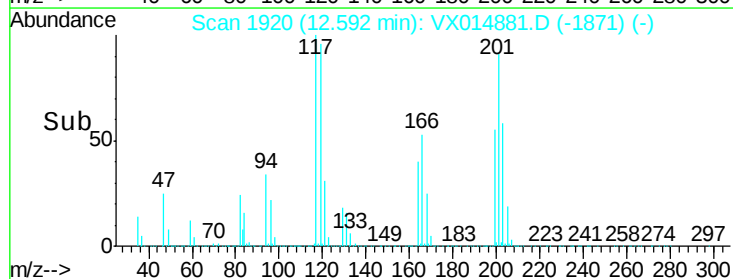
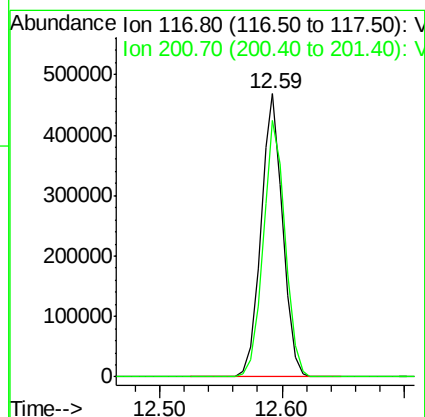
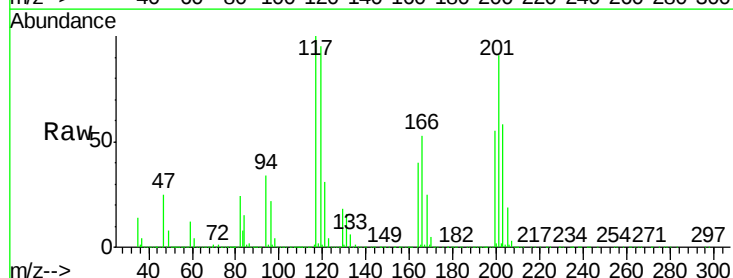
Acq: 10 Feb 2020 11:46

Tgt Ion: 117 Resp: 577542

Ion Ratio Lower Upper

117 100

201 91.5 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 153.41 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

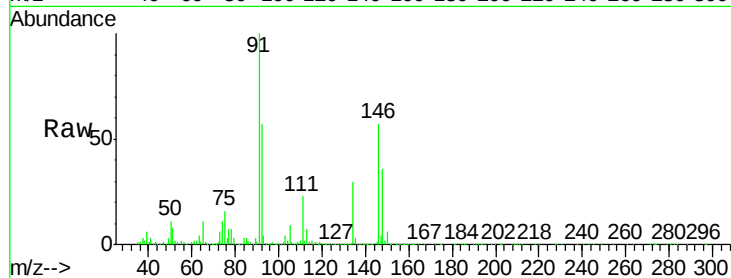
Tgt Ion:146 Resp: 1640213

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

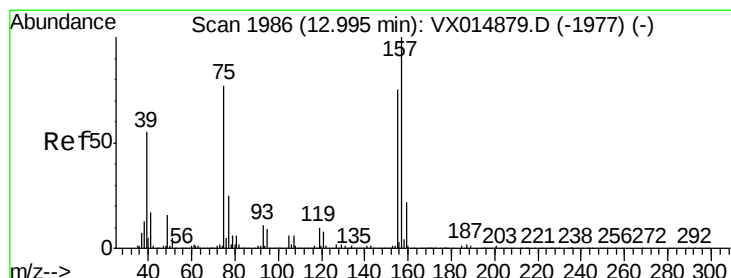
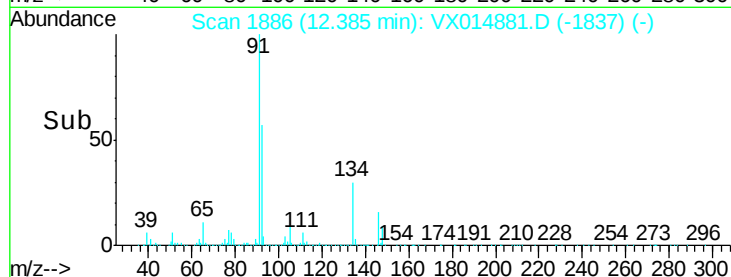
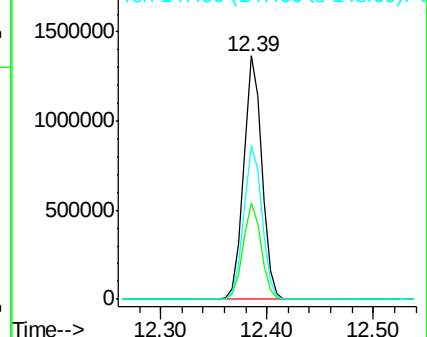
148 63.7 32.4 97.2



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: 146.33 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014881.D

Acq: 10 Feb 2020 11:46

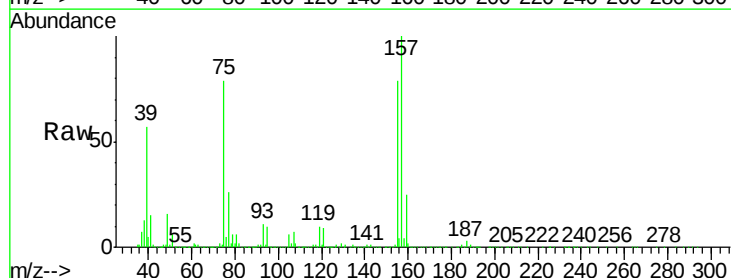
Tgt Ion: 75 Resp: 248783

Ion Ratio Lower Upper

75 100

155 99.2 48.6 145.9

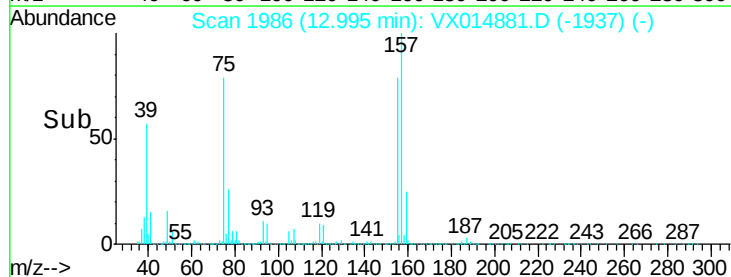
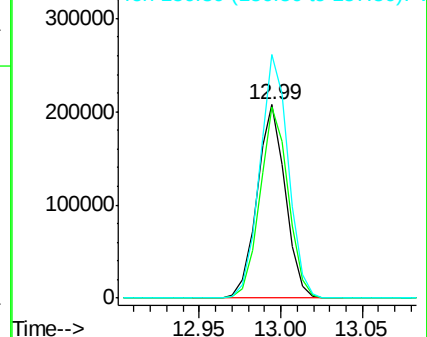
157 127.5 62.0 186.0

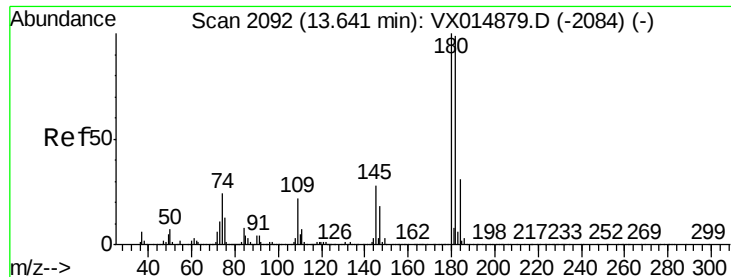


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

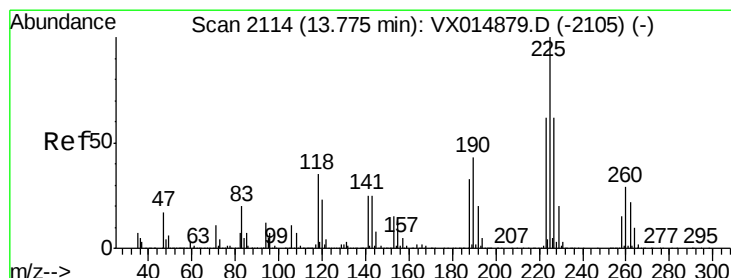
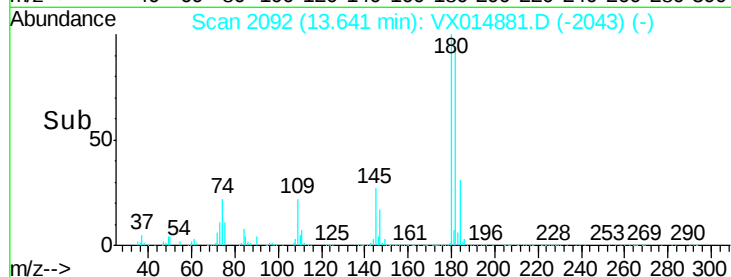
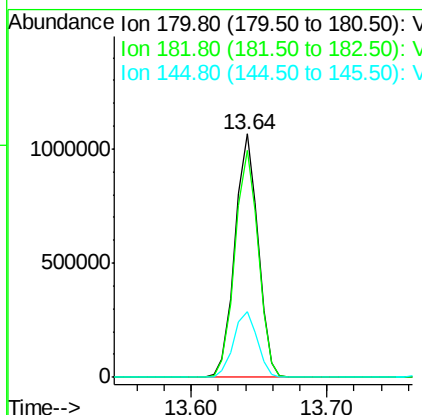
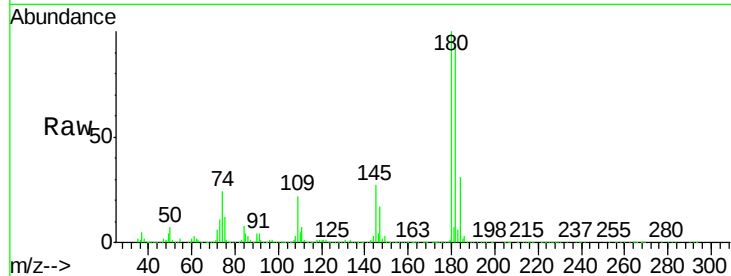




#93
 1,2,4-Trichlorobenzene
 Concen: 161.86 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

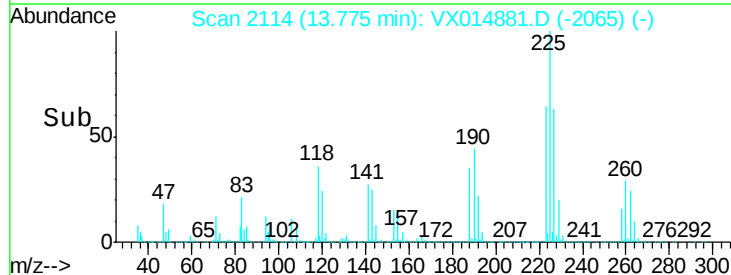
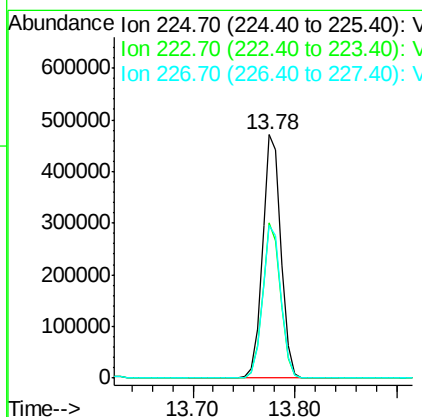
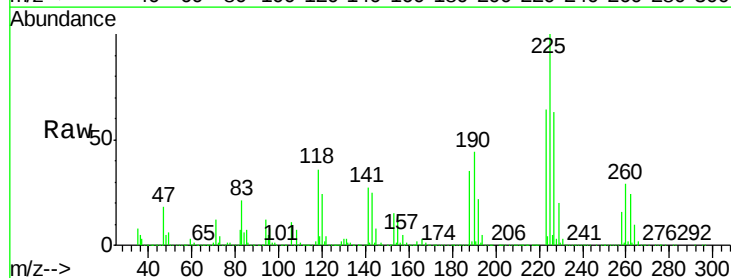
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

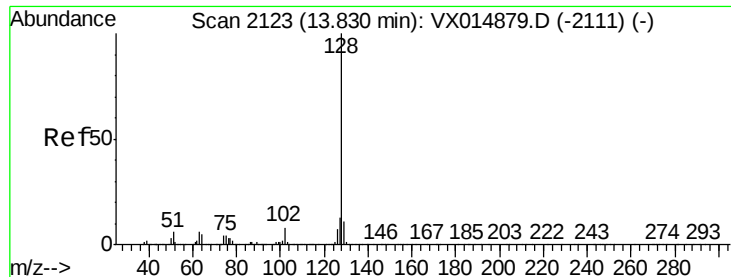
Tgt Ion:180 Resp: 1256405
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.3
 145 27.9 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 154.76 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014881.D
 Acq: 10 Feb 2020 11:46

Tgt Ion:225 Resp: 591530
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 63.0 30.9 92.5

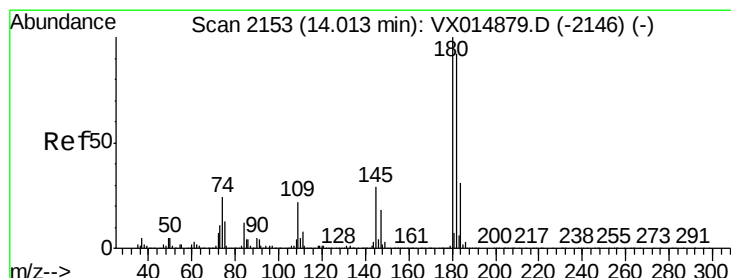
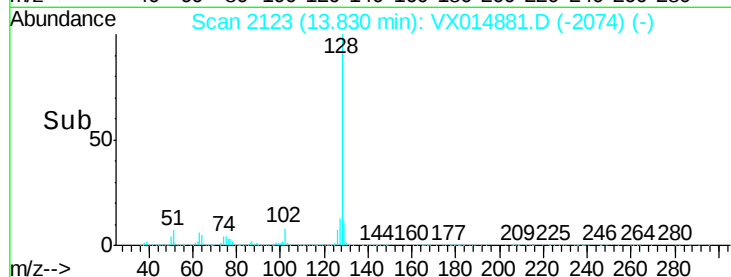
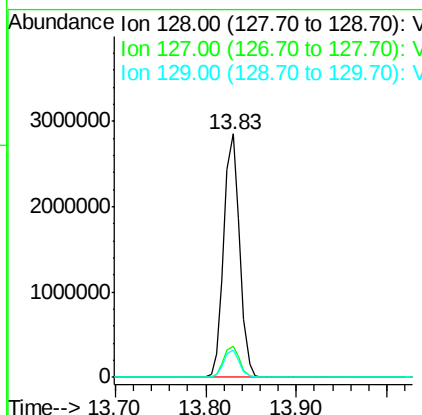
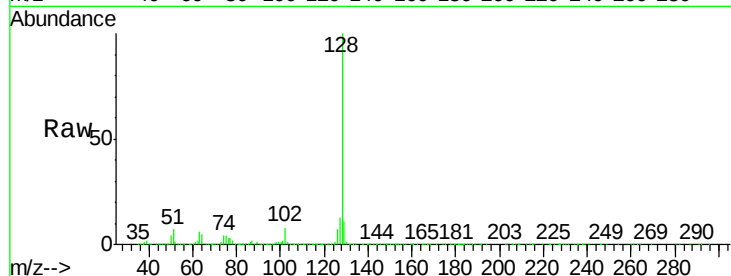




#95
Naphthalene
Concen: 172.58 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 3466087
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 159.64 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014881.D
Acq: 10 Feb 2020 11:46

Tgt Ion:180 Resp: 1201100
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 29.7 14.5 43.5

