

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
 Data File : VX014877.D
 Acq On : 10 Feb 2020 10:16
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 10 11:26:21 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	462130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	687322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	639944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	336472	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	28068	4.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.52%	
35) Dibromofluoromethane	5.49	113	22091	4.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.92%	
50) Toluene-d8	8.71	98	82805	4.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.88%	
62) 4-Bromofluorobenzene	11.13	95	28291	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	19276	4.57	ug/l	99
3) Chloromethane	1.32	50	23294	4.79	ug/l	99
4) Vinyl Chloride	1.41	62	24231	4.60	ug/l	95
5) Bromomethane	1.64	94	15638	4.65	ug/l	100
6) Chloroethane	1.72	64	16889	4.91	ug/l	99
7) Trichlorofluoromethane	1.92	101	36725	4.96	ug/l	98
8) Diethyl Ether	2.18	74	15370	4.96	ug/l	83
9) 1,1,2-Trichlorotrifluoroet	2.38	101	22055	5.04	ug/l	97
10) Methyl Iodide	2.51	142	10914	3.10	ug/l	94
11) Tert butyl alcohol	3.03	59	22350	24.82	ug/l #	93
12) 1,1-Dichloroethene	2.37	96	21231	5.08	ug/l	95
13) Acrolein	2.28	56	17895	25.77	ug/l	91
14) Allyl chloride	2.72	41	35211	4.71	ug/l	99
15) Acrylonitrile	3.13	53	57924	25.20	ug/l	96
16) Acetone	2.43	43	73207	22.54	ug/l	99
17) Carbon Disulfide	2.56	76	55460	4.79	ug/l	98
18) Methyl Acetate	2.76	43	26103	5.09	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	66011	4.88	ug/l	98
20) Methylene Chloride	2.85	84	25285	4.91	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	23313	5.00	ug/l	97
22) Diisopropyl ether	3.84	45	70521	4.98	ug/l	97
23) Vinyl Acetate	3.81	43	298975	25.49	ug/l	98
24) 1,1-Dichloroethane	3.69	63	41011	5.10	ug/l	99
25) 2-Butanone	4.66	43	86366	24.57	ug/l	98
26) 2,2-Dichloropropane	4.57	77	35029	5.05	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	26523	5.13	ug/l	98
28) Bromochloromethane	5.01	49	15855	5.87	ug/l	92
29) Tetrahydrofuran	5.12	42	50469	25.67	ug/l	97
30) Chloroform	5.20	83	40392	5.05	ug/l	97
31) Cyclohexane	5.58	56	36097	5.12	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	34652	5.01	ug/l	97
36) 1,1-Dichloropropene	5.79	75	30517	5.05	ug/l	99
37) Ethyl Acetate	4.83	43	31933	5.06	ug/l #	95
38) Carbon Tetrachloride	5.77	117	29419	5.03	ug/l	96

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Feb 10 11:26:21 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)
39) Methylcyclohexane	7.45	83	37330	4.90	ug/l	96
40) Benzene	6.14	78	93348	5.11	ug/l	97
41) Methacrylonitrile	5.03	41	16904	5.08	ug/l #	86
42) 1,2-Dichloroethane	6.18	62	34775	5.22	ug/l	96
43) Isopropyl Acetate	6.44	43	52487	5.11	ug/l	98
44) Trichloroethene	7.20	130	26149	4.93	ug/l	96
45) 1,2-Dichloropropane	7.51	63	24675	5.31	ug/l	100
46) Dibromomethane	7.65	93	15644	4.91	ug/l	99
47) Bromodichloromethane	7.89	83	29688	4.78	ug/l	96
48) Methyl methacrylate	7.76	41	26224	5.27	ug/l	92
49) 1,4-Dioxane	7.74	88	9085	94.16	ug/l	95
51) 4-Methyl-2-Pentanone	8.64	43	158777	25.53	ug/l	98
52) Toluene	8.78	92	59327	5.15	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	33335	5.02	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	35421	4.75	ug/l #	95
55) 1,1,2-Trichloroethane	9.21	97	24119	5.16	ug/l	98
56) Ethyl methacrylate	9.17	69	33230	4.95	ug/l	97
57) 1,3-Dichloropropane	9.37	76	39729	5.04	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	90906	25.00	ug/l	99
59) 2-Hexanone	9.48	43	124076	25.57	ug/l	97
60) Dibromochloromethane	9.57	129	23347	4.82	ug/l	96
61) 1,2-Dibromoethane	9.67	107	25465	5.04	ug/l	94
64) Tetrachloroethene	9.33	164	29052	4.95	ug/l	96
65) Chlorobenzene	10.13	112	64919	5.01	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	23519	5.11	ug/l	97
67) Ethyl Benzene	10.25	91	108267	4.99	ug/l	99
68) m/p-Xylenes	10.36	106	82715	9.92	ug/l	99
69) o-Xylene	10.70	106	39593	4.96	ug/l	99
70) Styrene	10.71	104	65308	4.93	ug/l	100
71) Bromoform	10.85	173	17120	4.64	ug/l #	96
73) Isopropylbenzene	11.01	105	106486	5.07	ug/l	99
74) N-amyl acetate	10.89	43	38913	4.70	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	33921	4.91	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	37312	5.13	ug/l	97
77) Bromobenzene	11.25	156	29602	5.02	ug/l	96
78) n-propylbenzene	11.35	91	121496	5.02	ug/l	100
79) 2-Chlorotoluene	11.42	91	72675	5.08	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	86122	5.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9376	4.61	ug/l	86
82) 4-Chlorotoluene	11.51	91	83114	4.93	ug/l	99
83) tert-Butylbenzene	11.76	119	83578	5.06	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	85860	4.92	ug/l	100
85) sec-Butylbenzene	11.94	105	101703	4.97	ug/l	99
86) p-Isopropyltoluene	12.06	119	94283	4.95	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	52456	4.98	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	53039	5.02	ug/l	93
89) n-Butylbenzene	12.39	91	82519	4.89	ug/l	98
90) Hexachloroethane	12.59	117	15554	4.79	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	51821	5.03	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	7676	4.69	ug/l	89

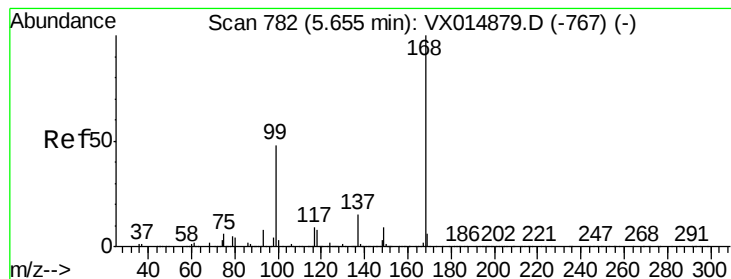
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
Data File : VX014877.D
Acq On : 10 Feb 2020 10:16
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Feb 10 11:26:21 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)
93) 1,2,4-Trichlorobenzene	13.64	180	36555	4.89	ug/l	98
94) Hexachlorobutadiene	13.78	225	18232	4.95	ug/l	98
95) Naphthalene	13.83	128	91817	4.75	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	35626	4.92	ug/l	97

(#) = 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: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

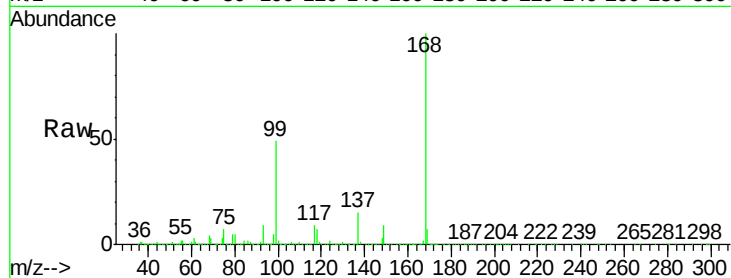
VSTDIC005

Tgt Ion:168 Resp: 462130

Ion Ratio Lower Upper

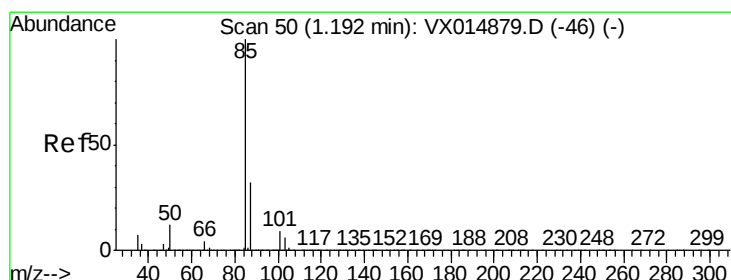
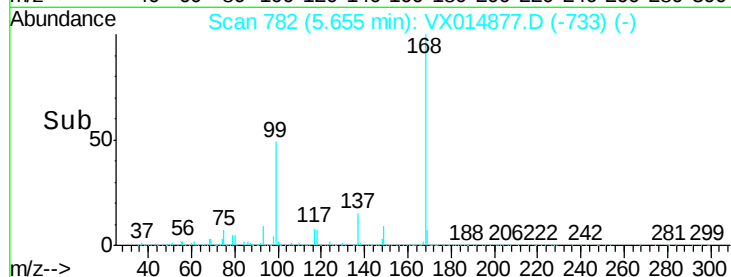
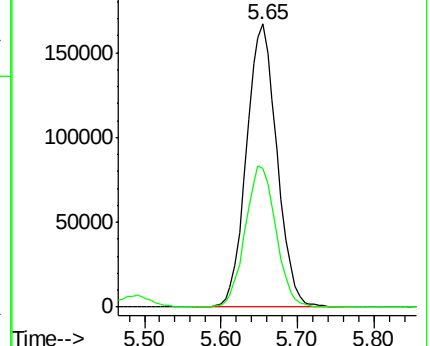
168 100

99 49.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.57 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014877.D

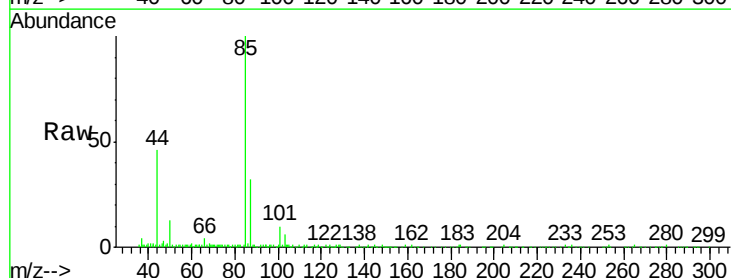
Acq: 10 Feb 2020 10:16

Tgt Ion: 85 Resp: 19276

Ion Ratio Lower Upper

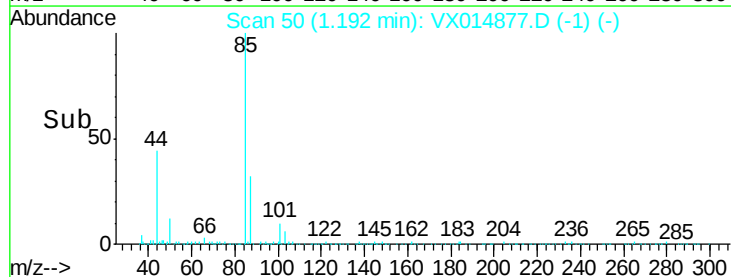
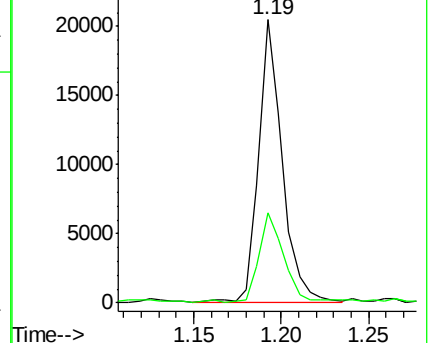
85 100

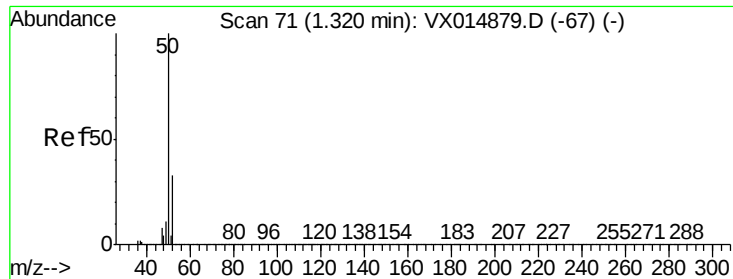
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

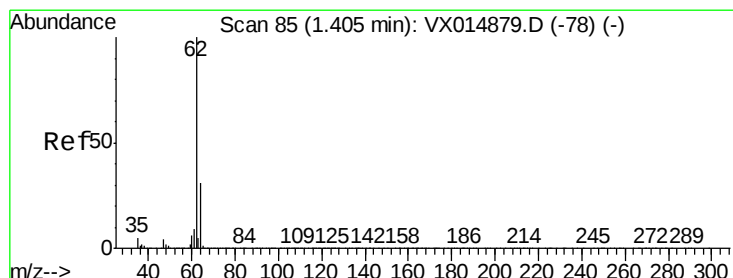
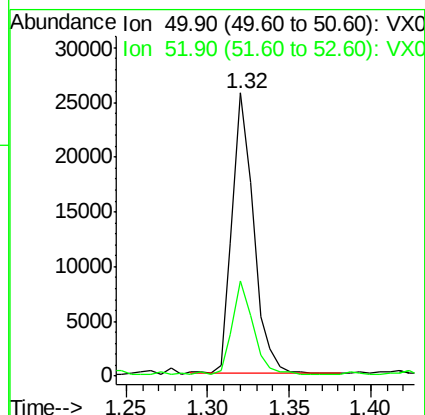
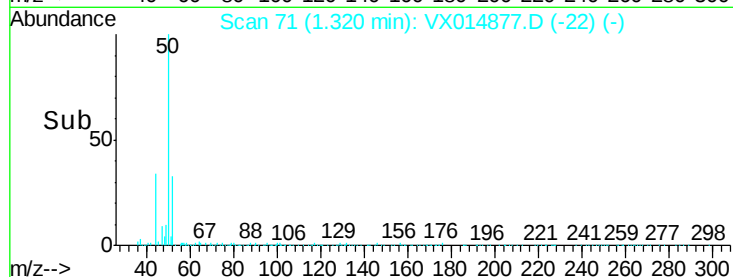
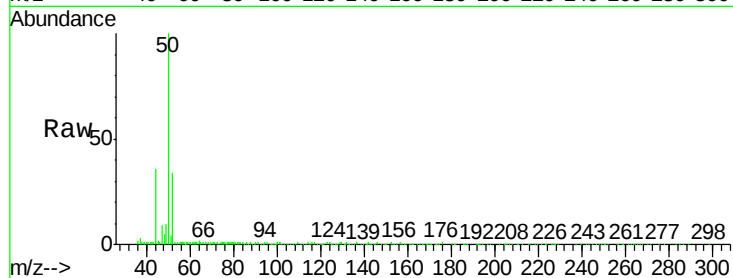




#3
Chloromethane
Concen: 4.79 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

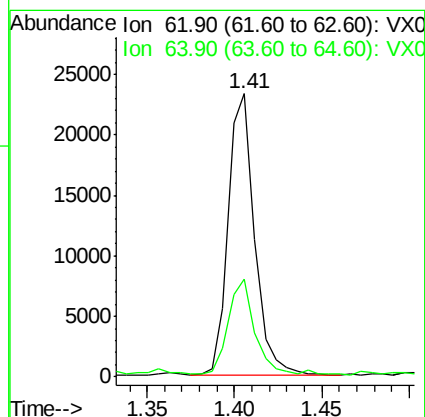
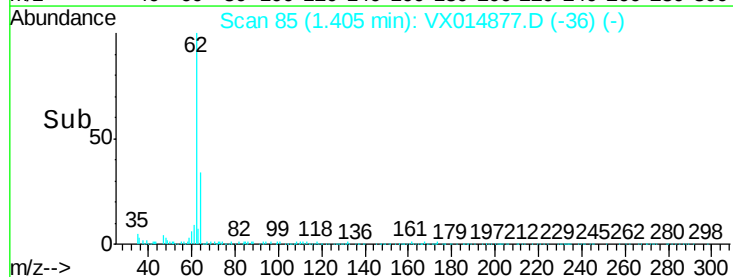
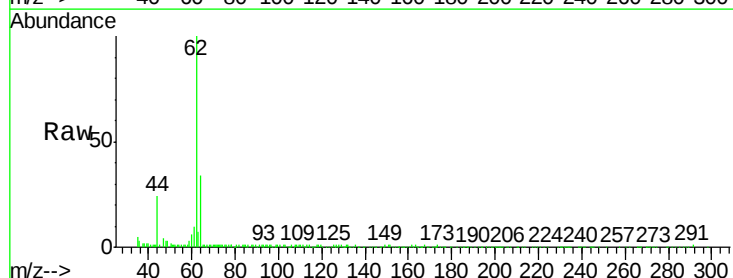
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

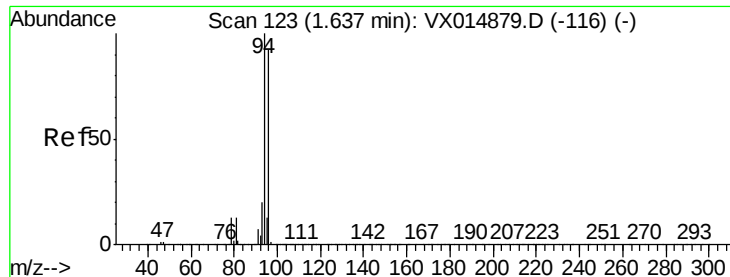
Tgt Ion: 50 Resp: 23294
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 4.60 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 62 Resp: 24231
Ion Ratio Lower Upper
62 100
64 33.6 24.8 37.2





#5

Bromomethane

Concen: 4.65 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

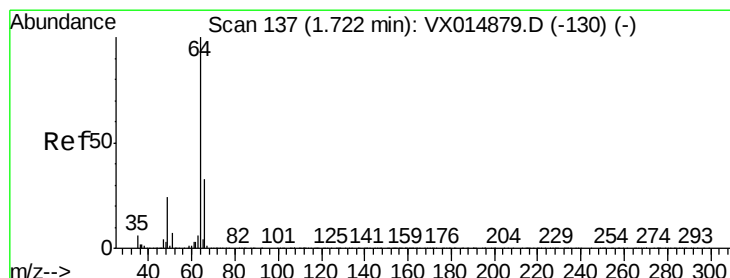
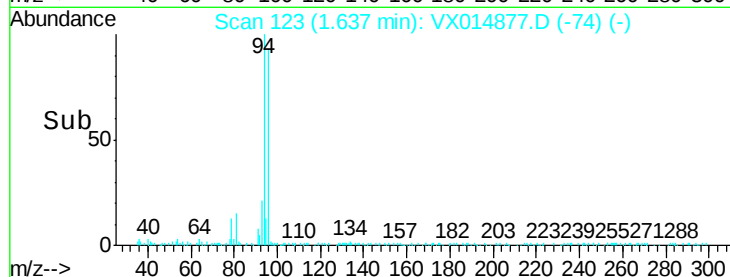
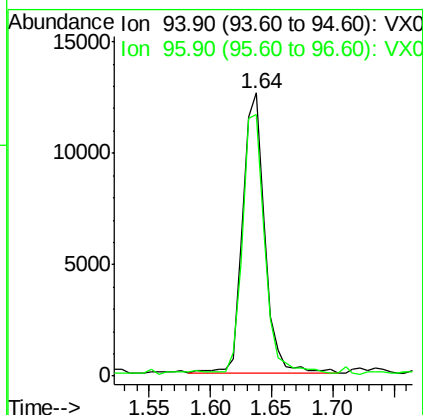
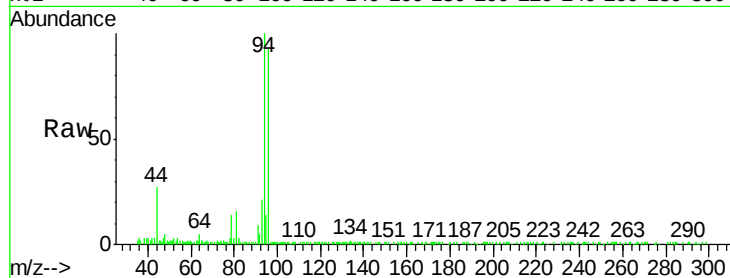
VSTDIC005

Tgt Ion: 94 Resp: 15638

Ion Ratio Lower Upper

94 100

96 92.1 73.7 110.5



#6

Chloroethane

Concen: 4.91 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX014877.D

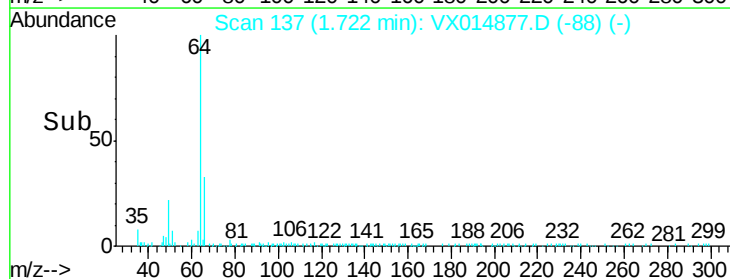
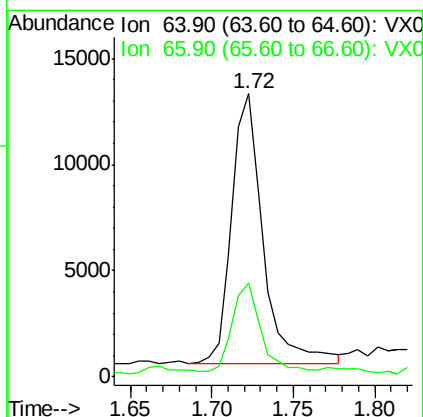
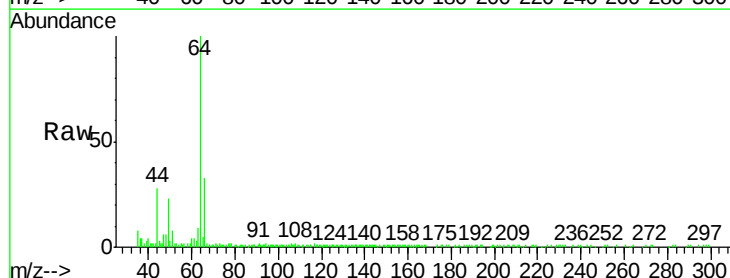
Acq: 10 Feb 2020 10:16

Tgt Ion: 64 Resp: 16889

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4





#7

Trichlorofluoromethane

Concen: 4.96 ug/l

RT: 1.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

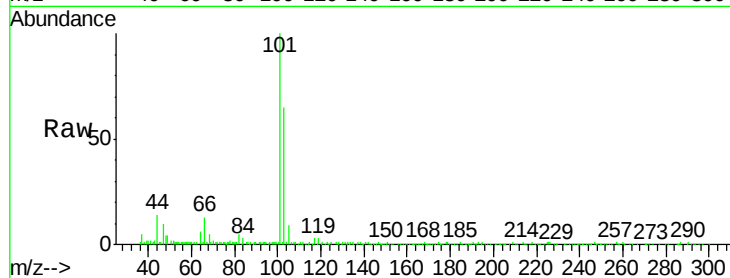
VSTDIC005

Tgt Ion:101 Resp: 36725

Ion Ratio Lower Upper

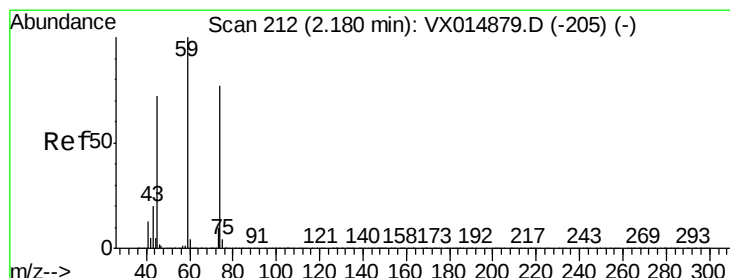
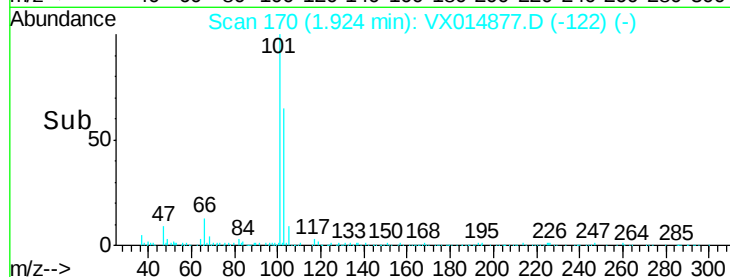
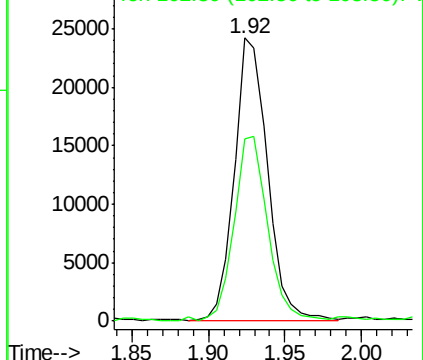
101 100

103 63.7 52.2 78.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 4.96 ug/l

RT: 2.18 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX014877.D

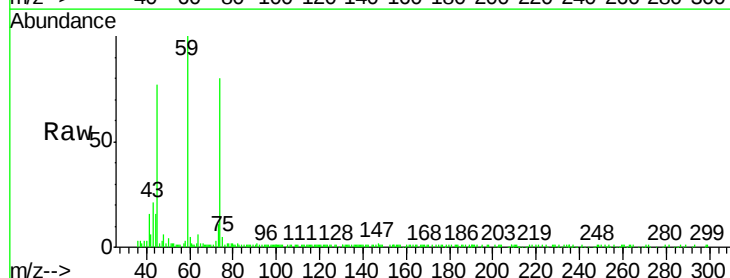
Acq: 10 Feb 2020 10:16

Tgt Ion: 74 Resp: 15370

Ion Ratio Lower Upper

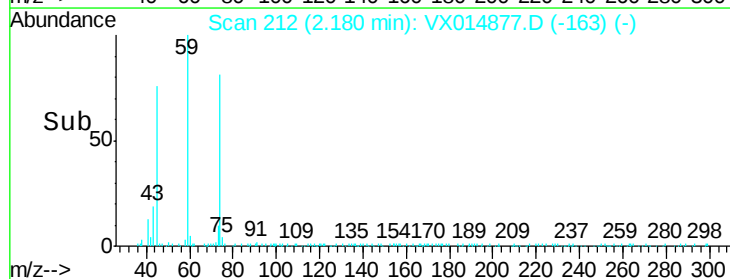
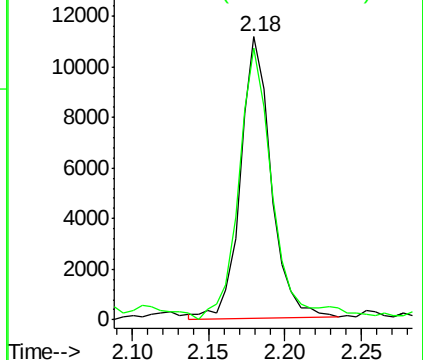
74 100

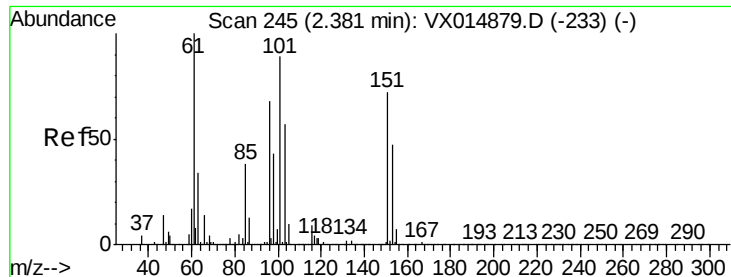
45 109.2 46.6 139.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.04 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

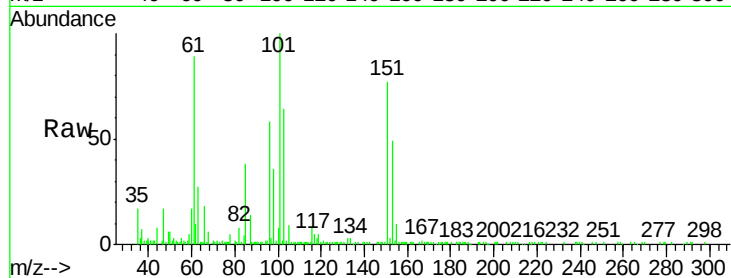
Tgt Ion:101 Resp: 22055

Ion Ratio Lower Upper

101 100

85 45.6 34.1 51.1

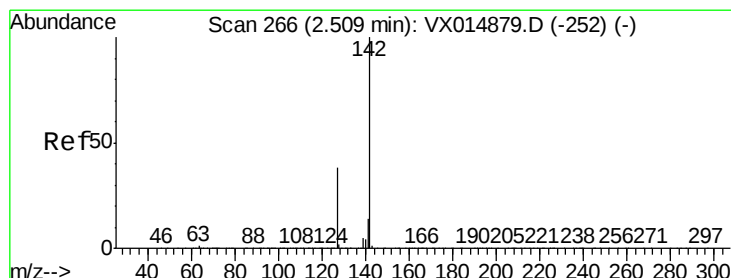
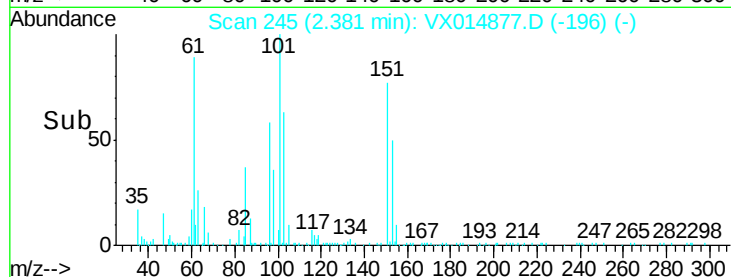
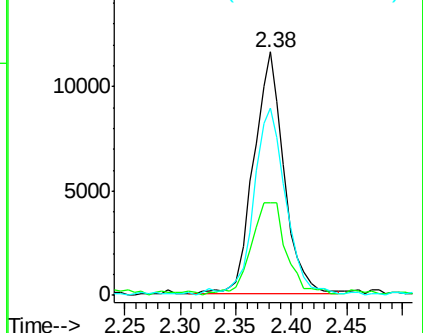
151 82.4 67.3 100.9



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: 3.10 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

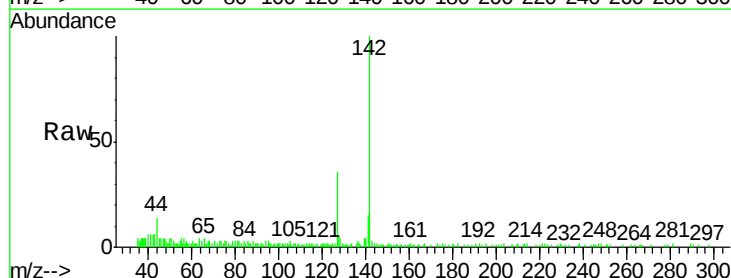
Tgt Ion:142 Resp: 10914

Ion Ratio Lower Upper

142 100

127 35.0 31.1 46.7

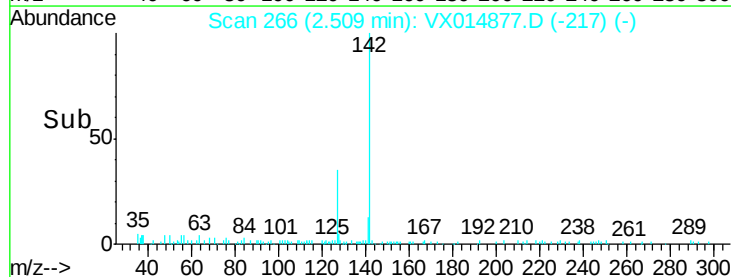
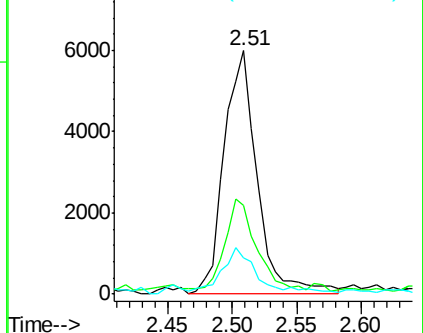
141 16.1 11.3 16.9

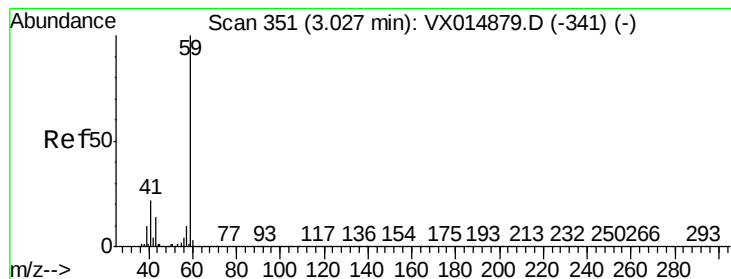


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 24.82 ug/l

RT: 3.03 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

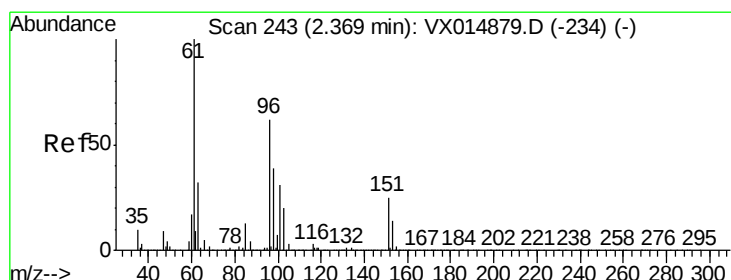
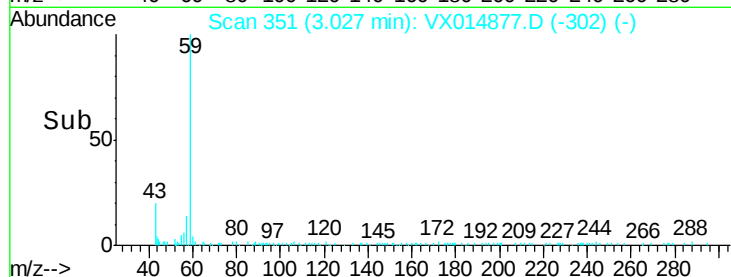
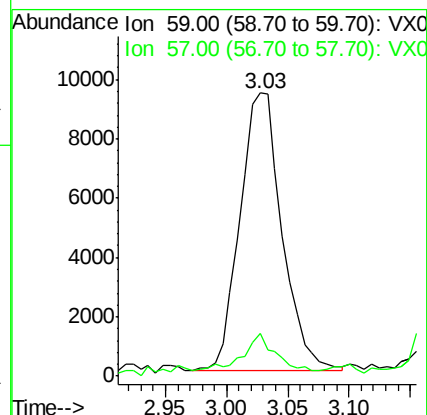
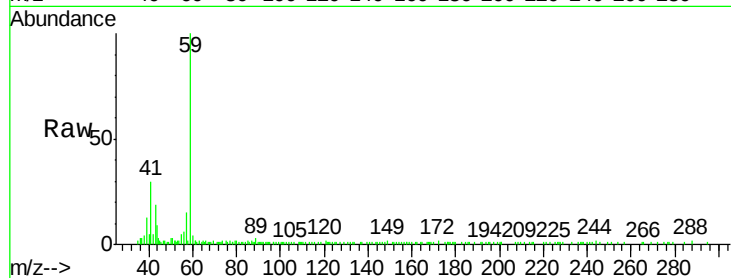
VSTDIC005

Tgt Ion: 59 Resp: 22350

Ion Ratio Lower Upper

59 100

57 13.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 5.08 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

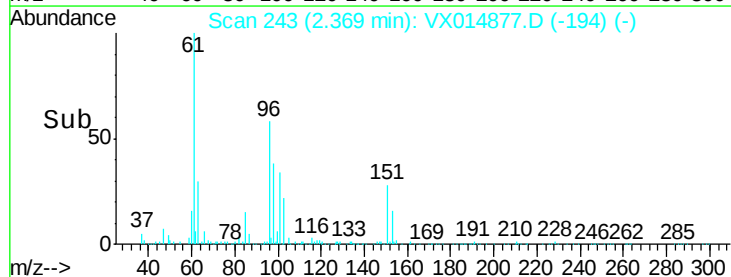
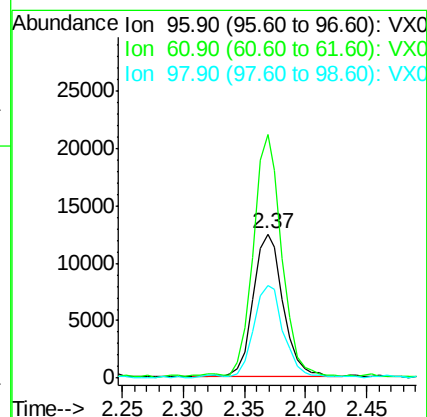
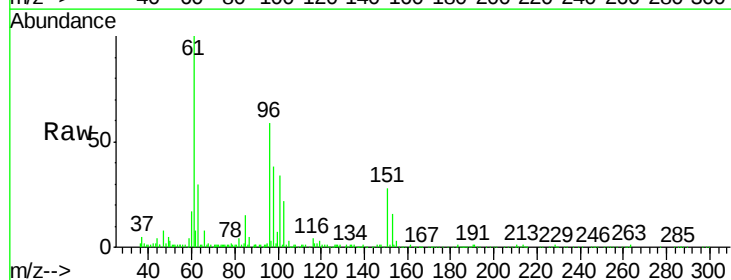
Tgt Ion: 96 Resp: 21231

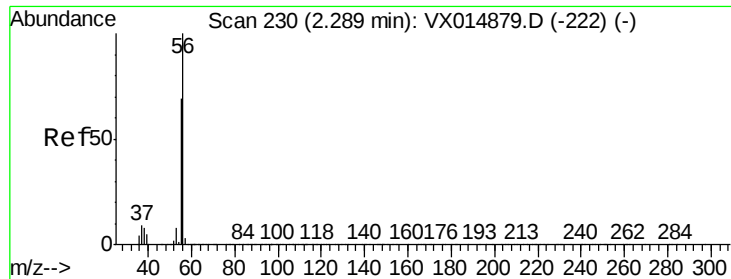
Ion Ratio Lower Upper

96 100

61 170.1 129.5 194.3

98 64.4 50.6 76.0





#13

Acrolein

Concen: 25.77 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

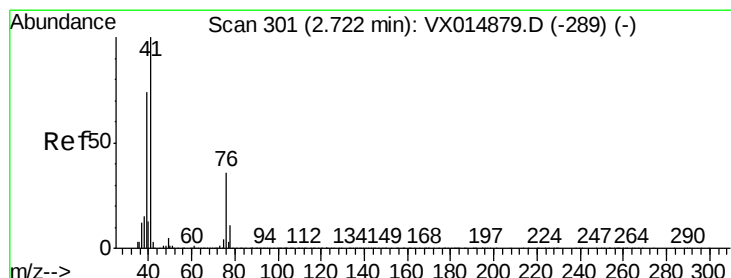
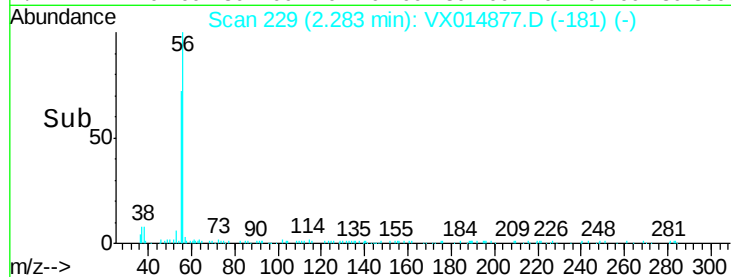
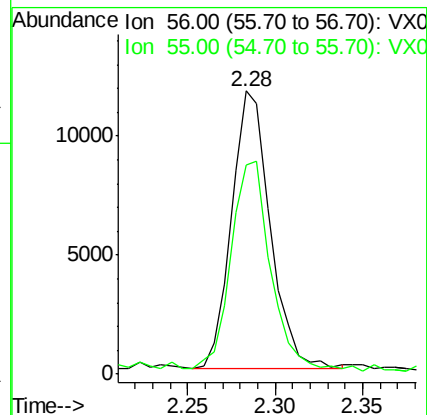
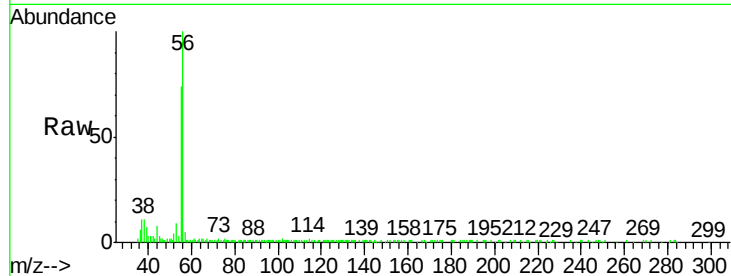
VSTDIC005

Tgt Ion: 56 Resp: 17895

Ion Ratio Lower Upper

56 100

55 75.6 55.0 82.4



#14

Allyl chloride

Concen: 4.71 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

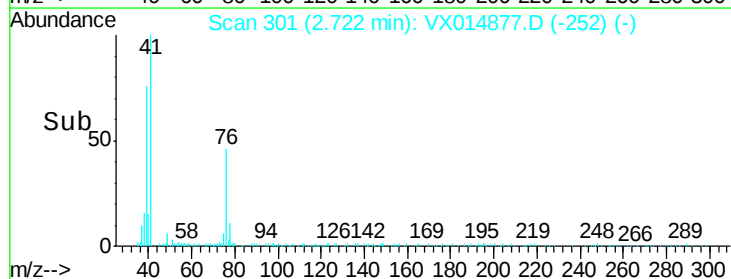
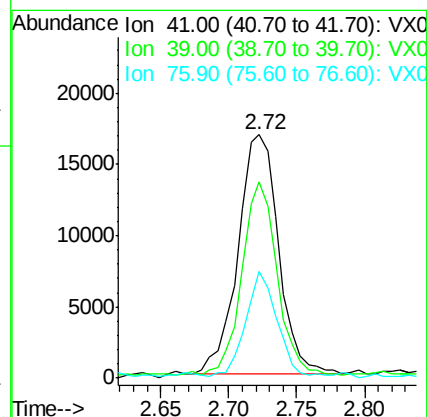
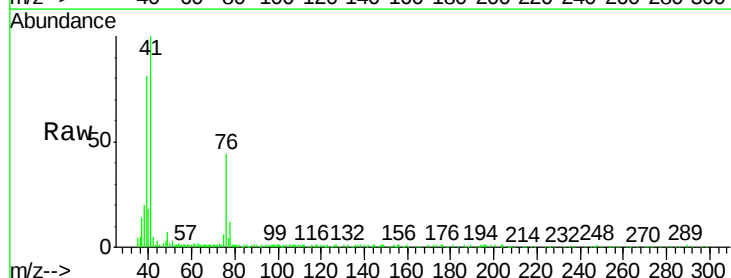
Tgt Ion: 41 Resp: 35211

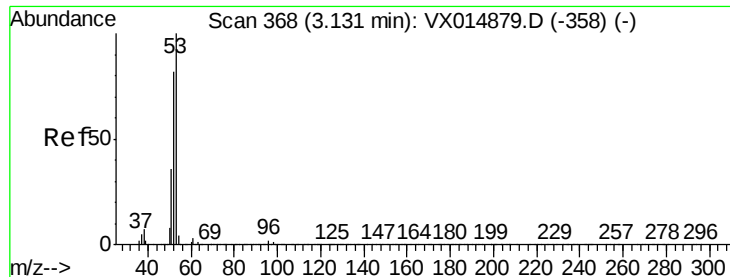
Ion Ratio Lower Upper

41 100

39 69.9 55.2 82.8

76 33.4 26.8 40.2

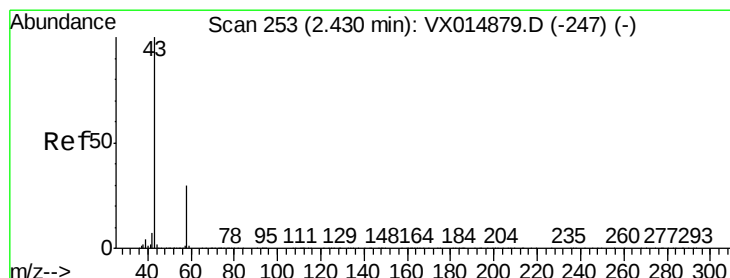
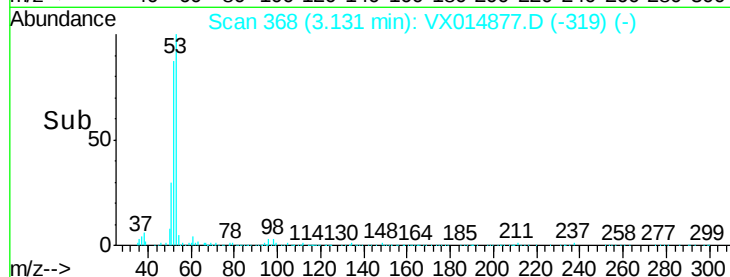
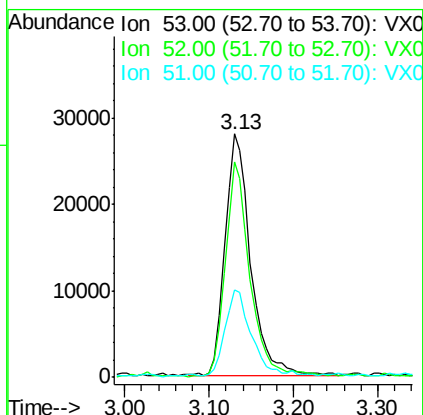
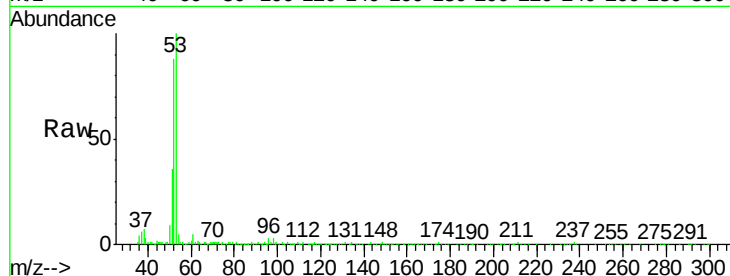




#15
Acrylonitrile
Concen: 25.20 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

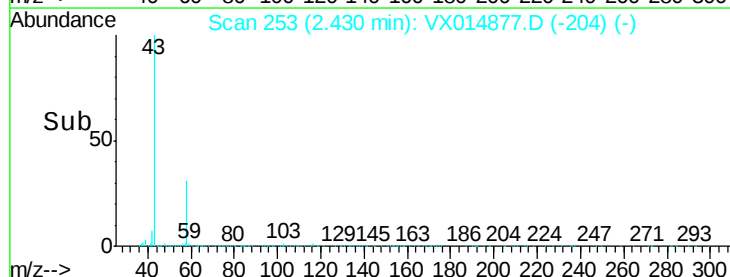
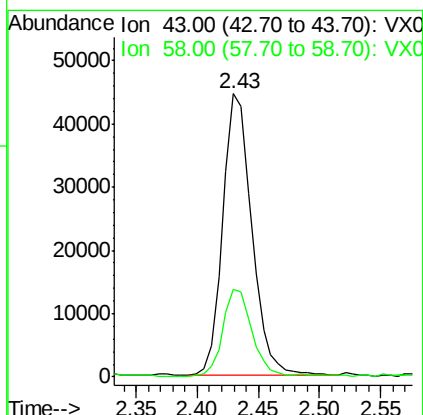
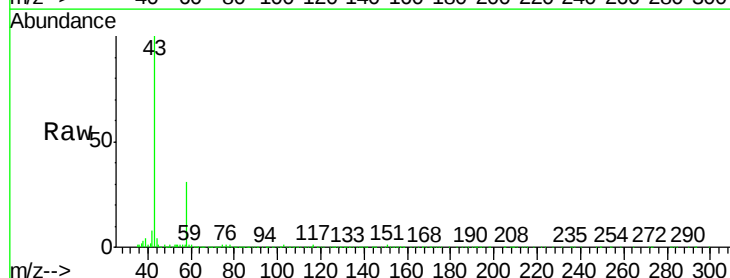
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

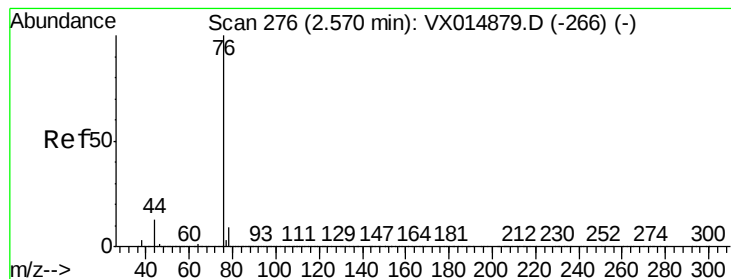
Tgt Ion: 53 Resp: 57924
Ion Ratio Lower Upper
53 100
52 87.4 65.8 98.6
51 35.8 29.1 43.7



#16
Acetone
Concen: 22.54 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 43 Resp: 73207
Ion Ratio Lower Upper
43 100
58 30.6 24.1 36.1





#17

Carbon Disulfide

Concen: 4.79 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

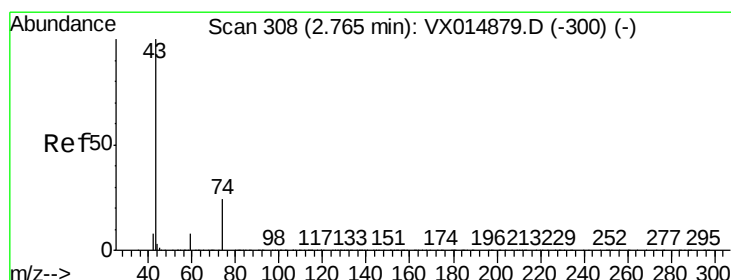
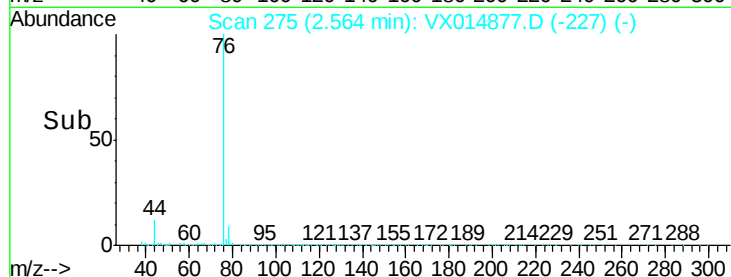
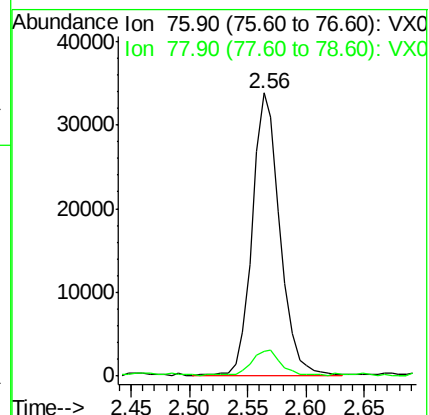
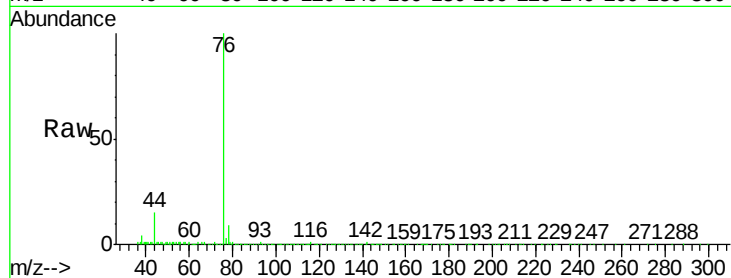
VSTDIC005

Tgt Ion: 76 Resp: 55460

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0



#18

Methyl Acetate

Concen: 5.09 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014877.D

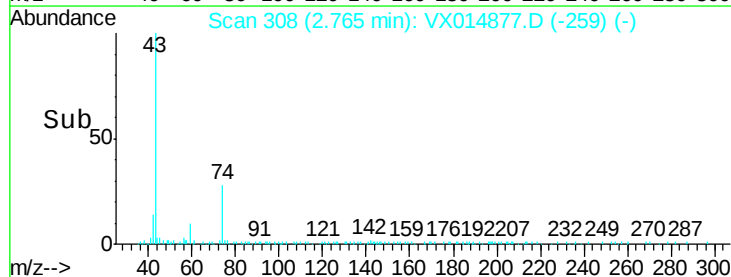
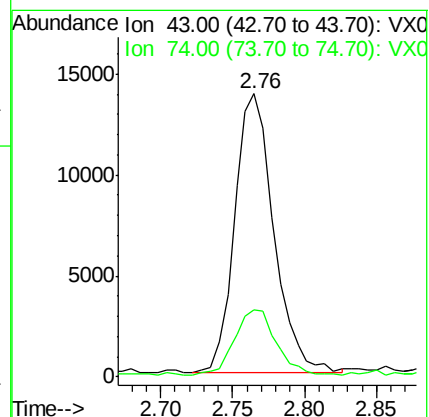
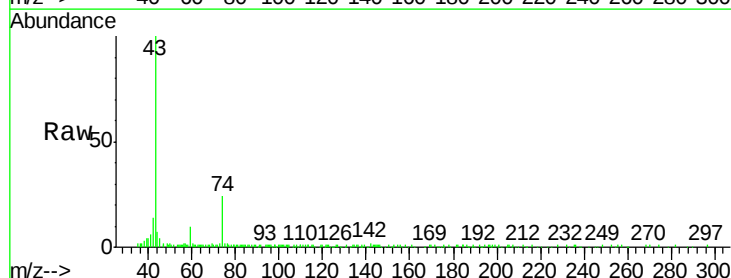
Acq: 10 Feb 2020 10:16

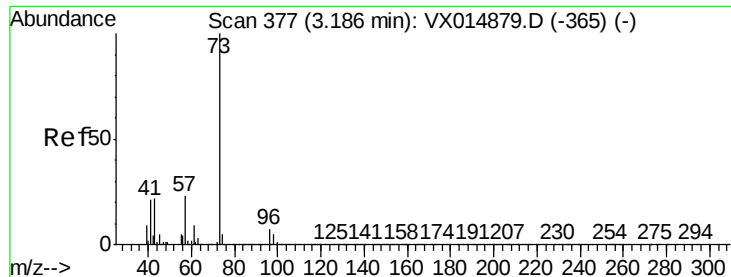
Tgt Ion: 43 Resp: 26103

Ion Ratio Lower Upper

43 100

74 25.1 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 4.88 ug/l

RT: 3.19 min Scan# 377

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

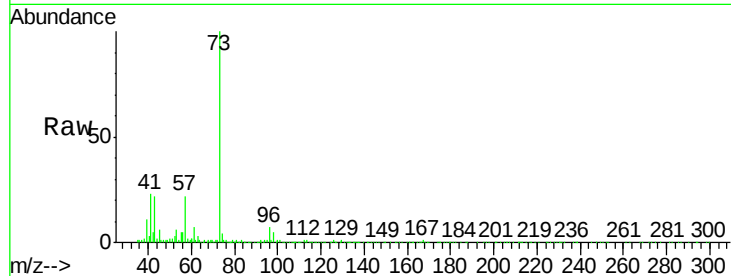
VSTDIC005

Tgt Ion: 73 Resp: 66011

Ion Ratio Lower Upper

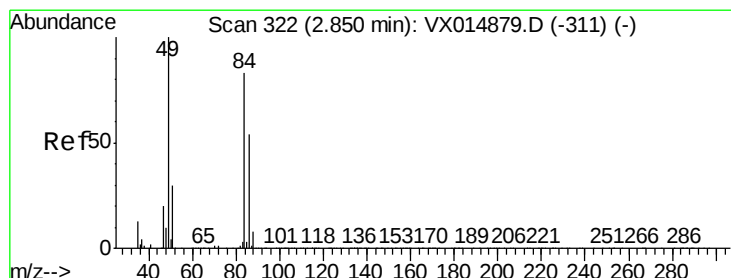
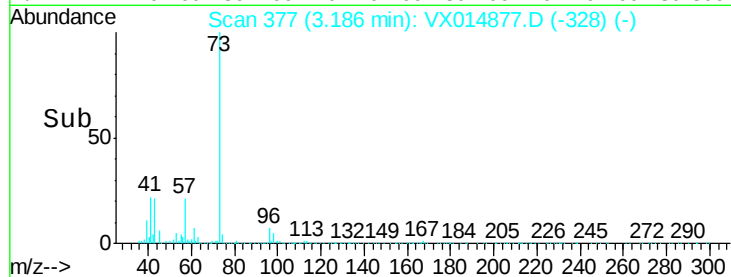
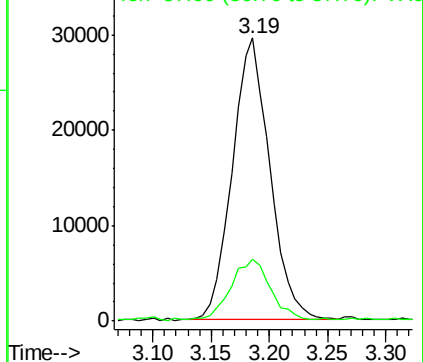
73 100

57 21.6 18.2 27.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 4.91 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Tgt Ion: 84 Resp: 25285

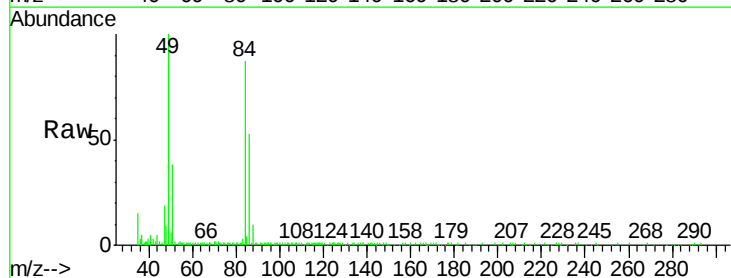
Ion Ratio Lower Upper

84 100

49 114.4 95.6 143.4

51 42.2 29.0 43.6

86 60.5 51.4 77.0

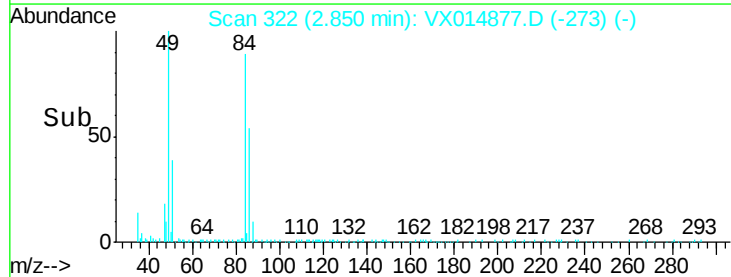
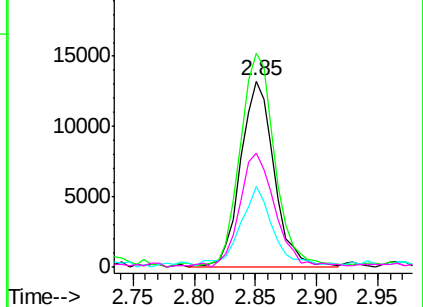


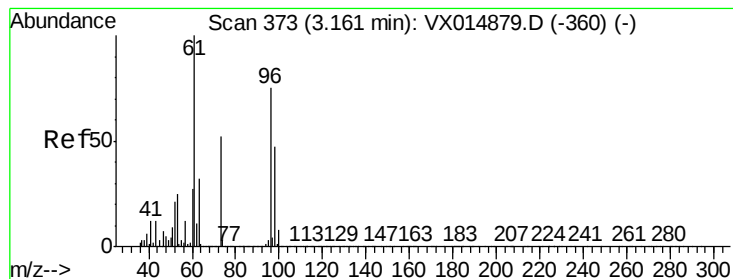
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 5.00 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

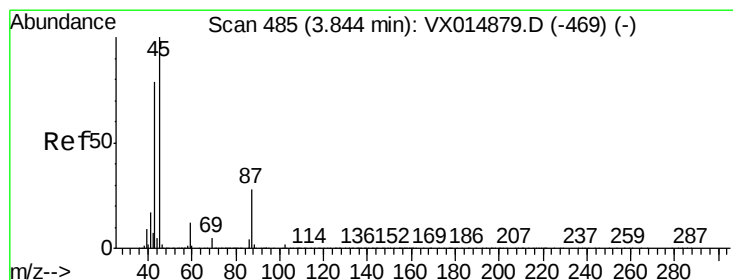
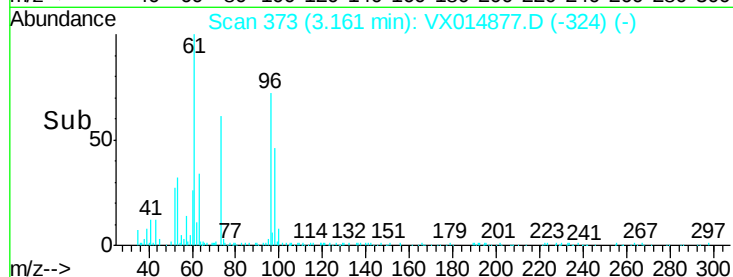
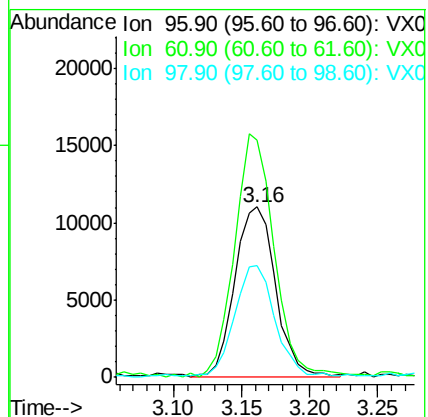
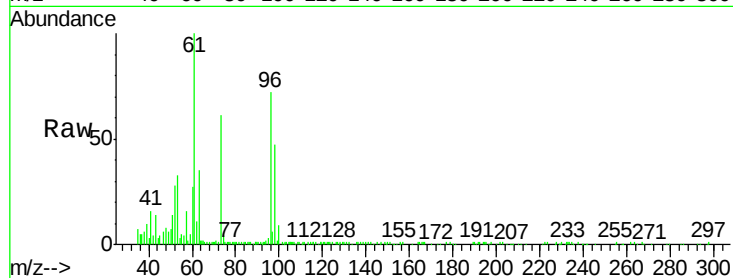
Tgt Ion: 96 Resp: 23313

Ion Ratio Lower Upper

96 100

61 137.4 106.9 160.3

98 64.4 50.7 76.1



#22

Diisopropyl ether

Concen: 4.98 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Tgt Ion: 45 Resp: 70521

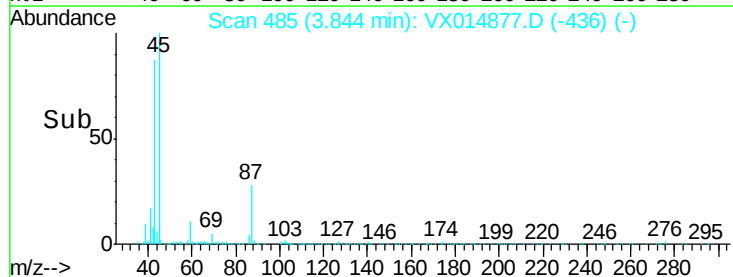
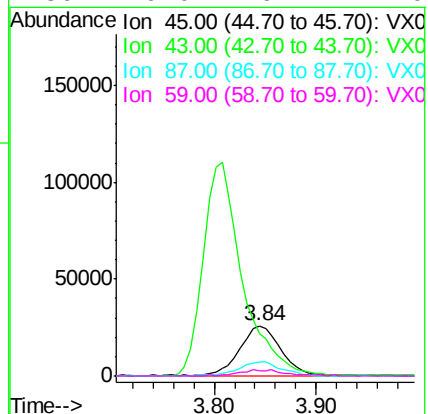
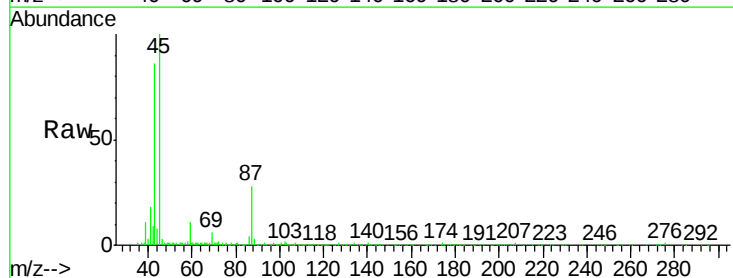
Ion Ratio Lower Upper

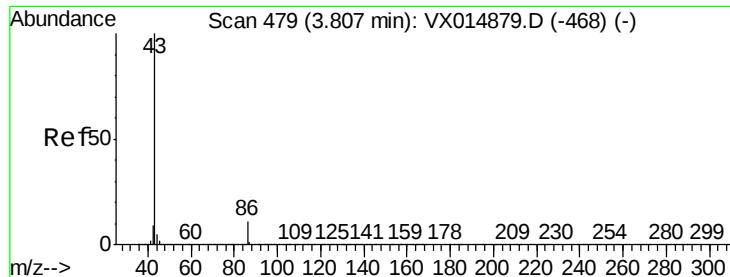
45 100

43 83.1 63.5 95.3

87 27.5 22.2 33.4

59 10.0 9.4 14.0





#23

Vinyl Acetate

Concen: 25.49 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

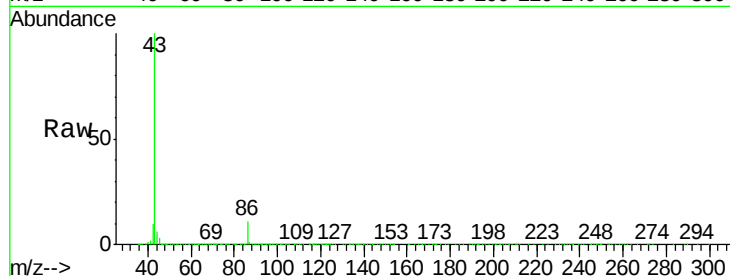
VSTDIC005

Tgt Ion: 43 Resp: 298975

Ion Ratio Lower Upper

43 100

86 10.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

120000

100000

80000

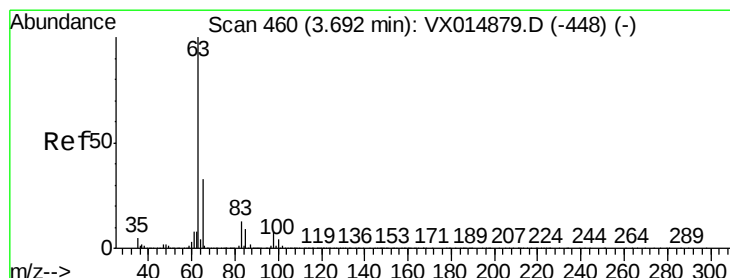
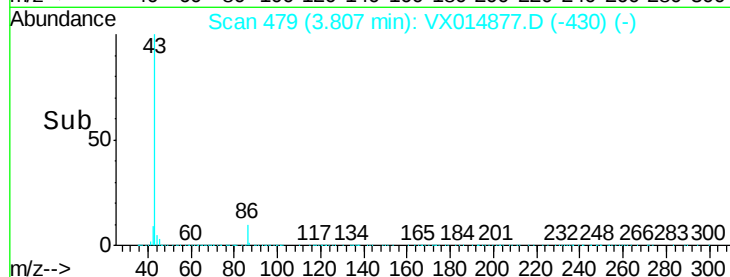
60000

40000

20000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 5.10 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

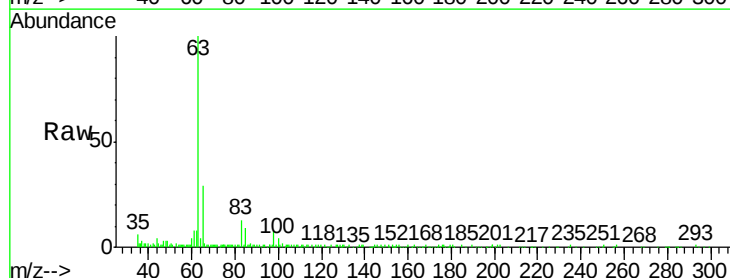
Tgt Ion: 63 Resp: 41011

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 3.9 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

20000

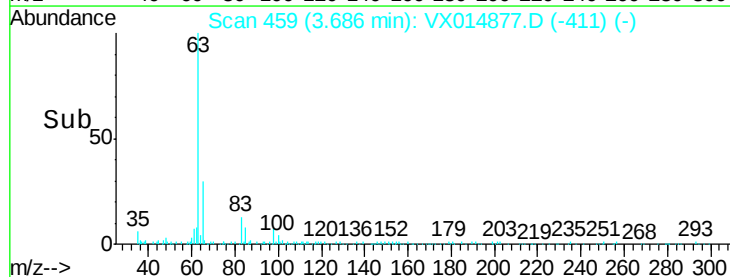
15000

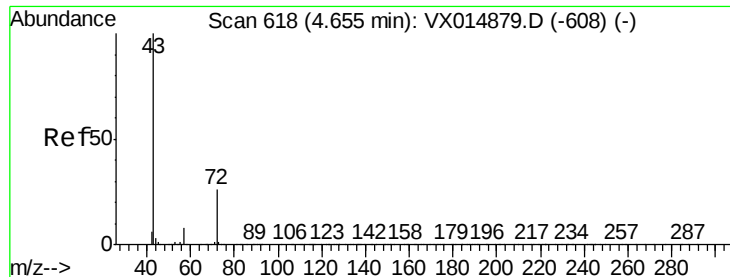
10000

5000

0

Time--> 3.60 3.70 3.80

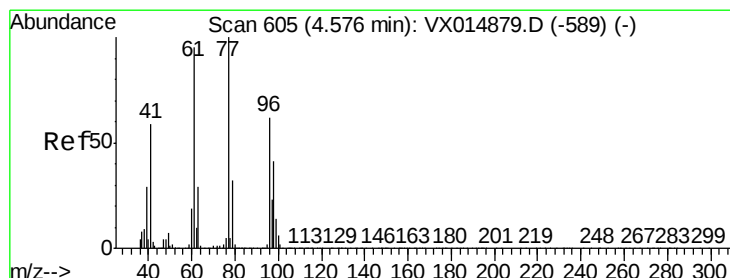
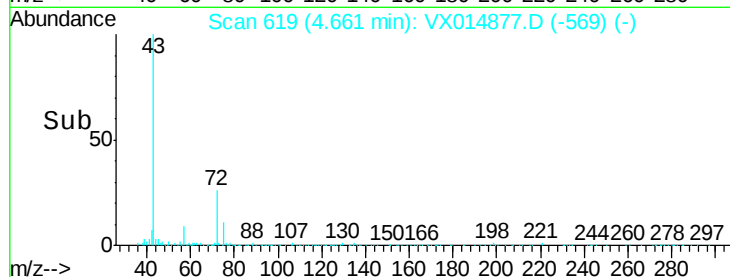
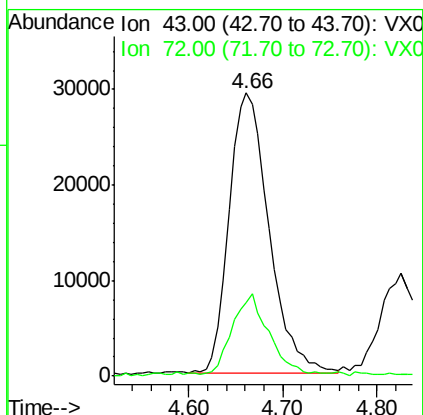
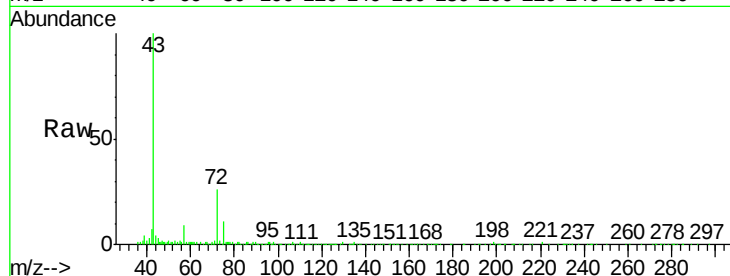




#25
2-Butanone
Concen: 24.57 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

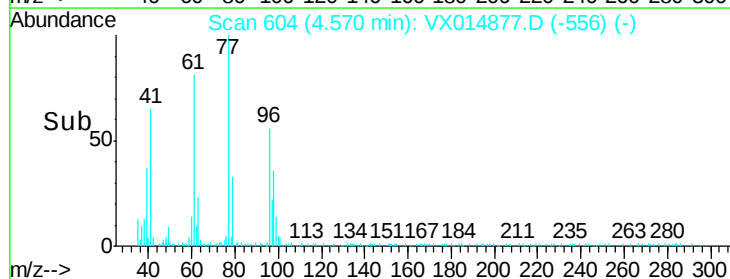
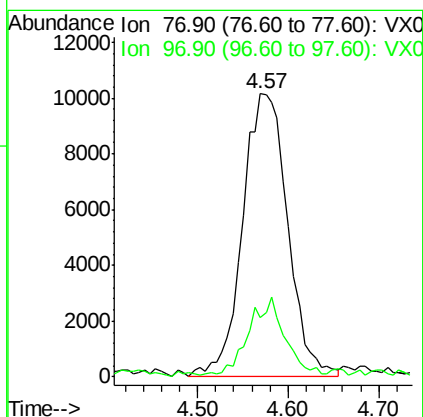
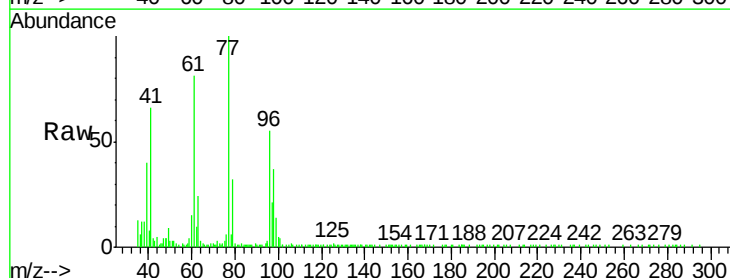
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

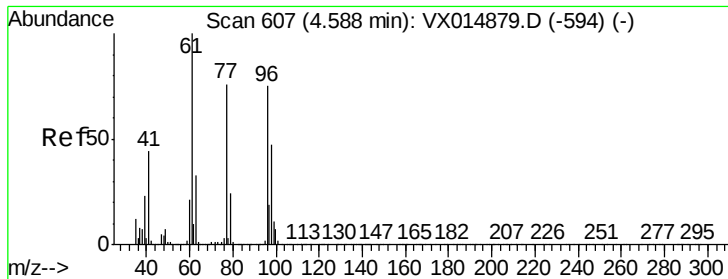
Tgt Ion: 43 Resp: 86366
Ion Ratio Lower Upper
43 100
72 25.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 5.05 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 77 Resp: 35029
Ion Ratio Lower Upper
77 100
97 22.5 11.9 35.5



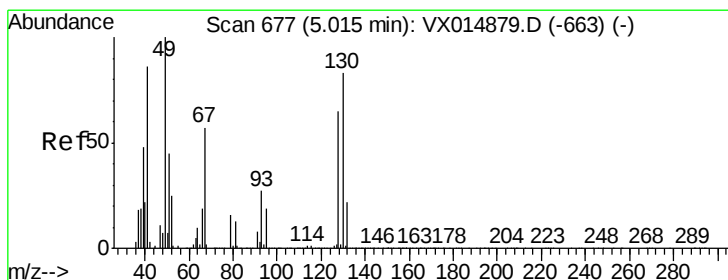
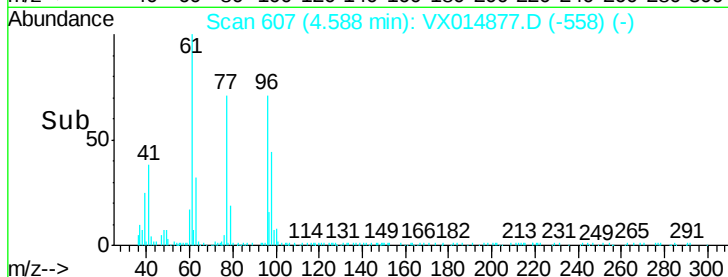
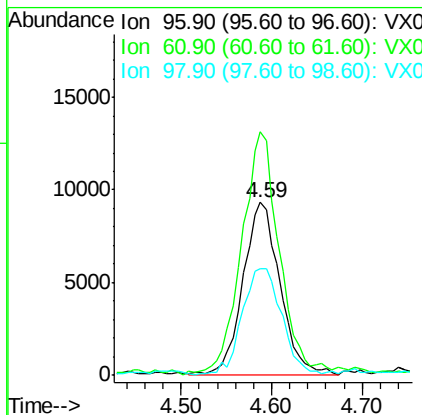
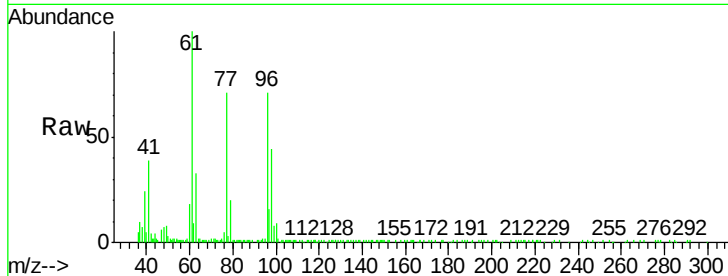


#27

cis-1,2-Dichloroethene
Concen: 5.13 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

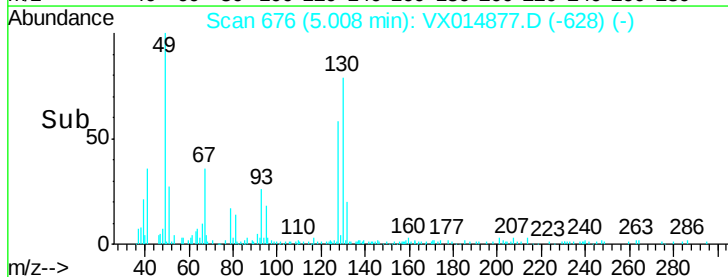
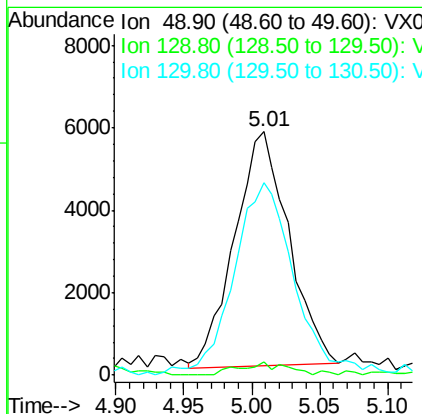
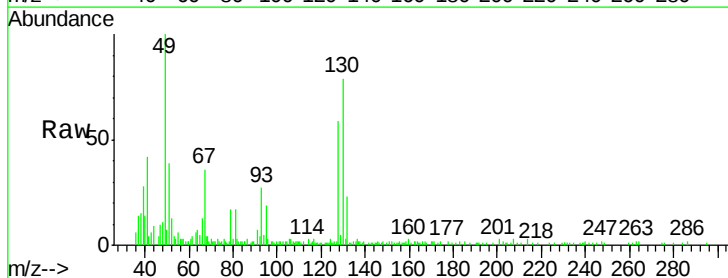
Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	286.2
98	66.1	0.0	131.0

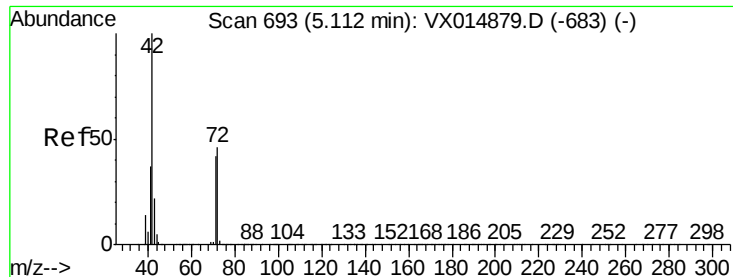


#28

Bromochloromethane
Concen: 5.87 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	4.5	0.0	5.2
130	92.0	67.4	101.2

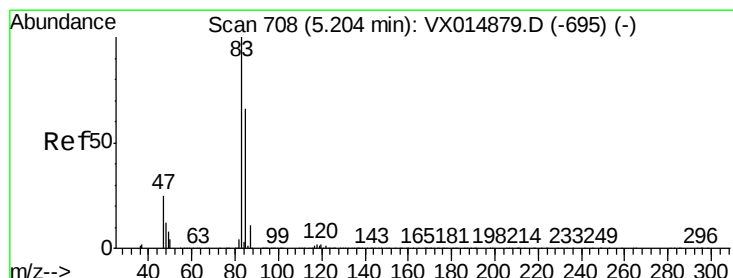
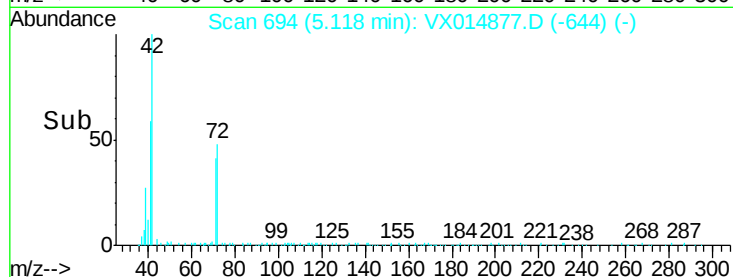
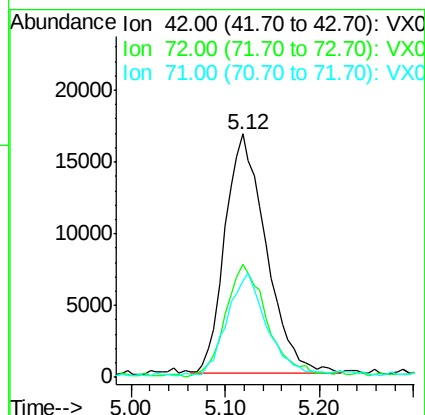
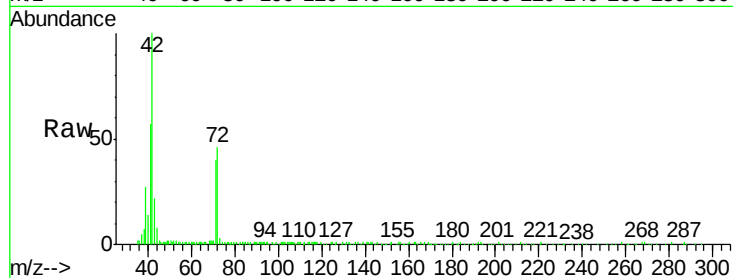




#29
Tetrahydrofuran
Concen: 25.67 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

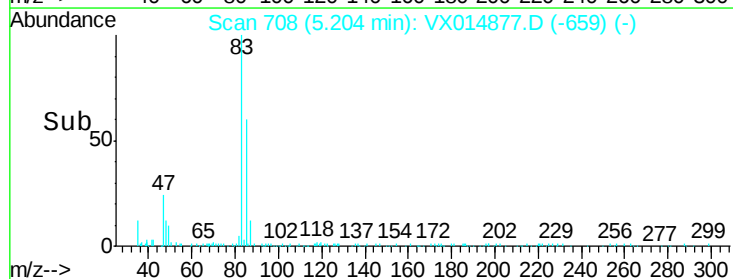
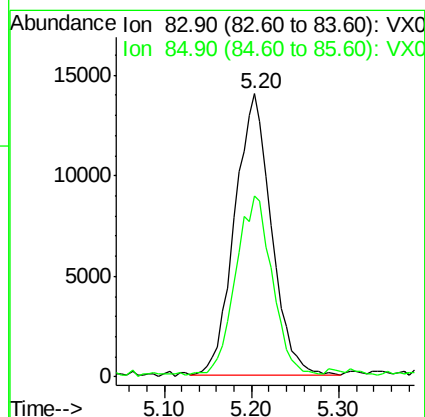
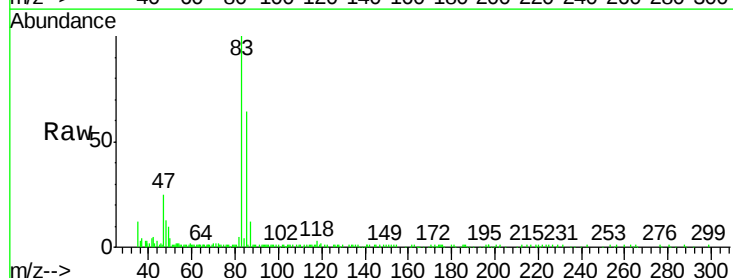
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

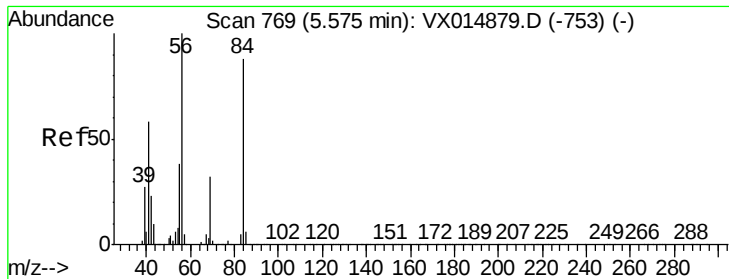
Tgt Ion: 42 Resp: 50469
Ion Ratio Lower Upper
42 100
72 48.7 36.9 55.3
71 41.9 34.1 51.1



#30
Chloroform
Concen: 5.05 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 83 Resp: 40392
Ion Ratio Lower Upper
83 100
85 63.5 52.9 79.3

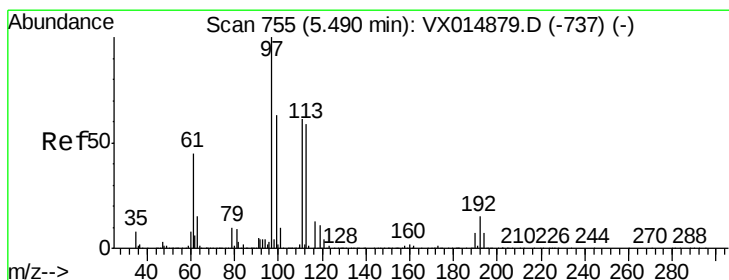
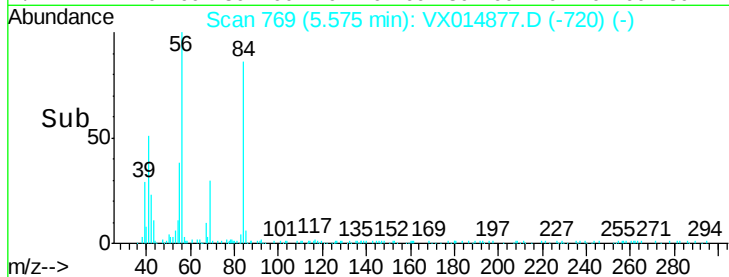
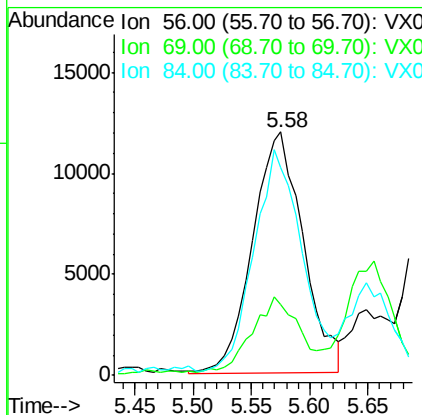
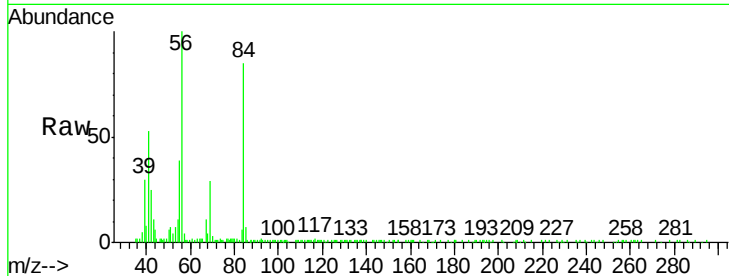




#31
Cyclohexane
Concen: 5.12 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

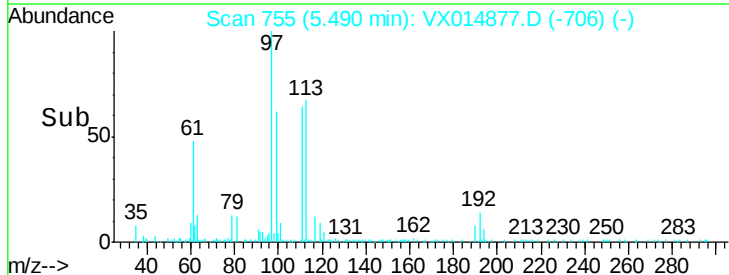
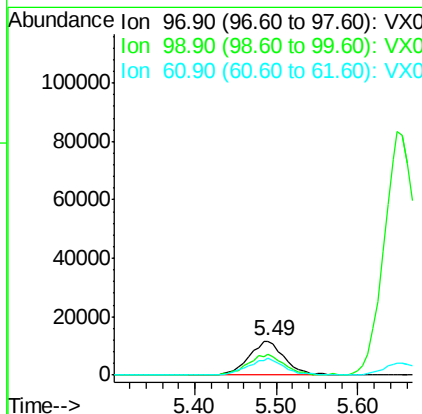
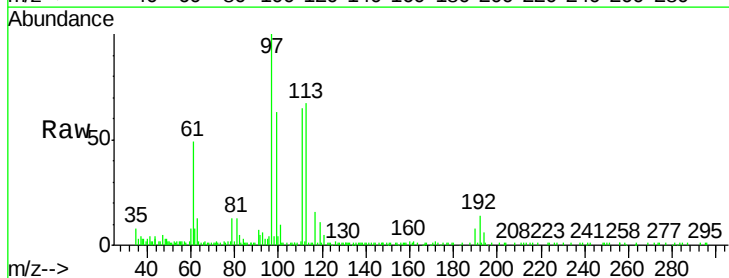
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

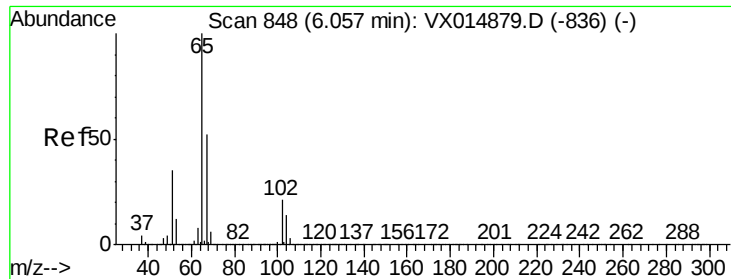
Tgt Ion	Ratio	Lower	Upper
56	100		
69	27.7	25.9	38.9
84	82.5	70.4	105.6



#32
1,1,1-Trichloroethane
Concen: 5.01 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.6
61	50.6	36.3	54.5





#33

1,2-Dichloroethane-d4

Concen: 4.76 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

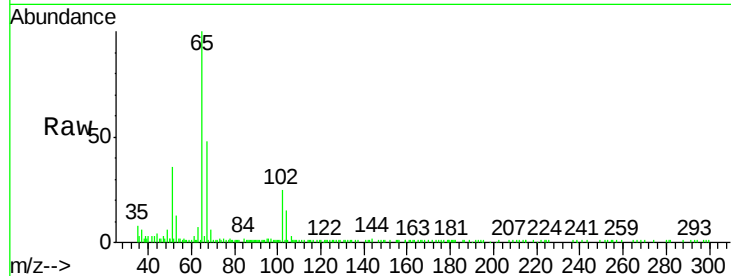
VSTDIC005

Tgt Ion: 65 Resp: 28068

Ion Ratio Lower Upper

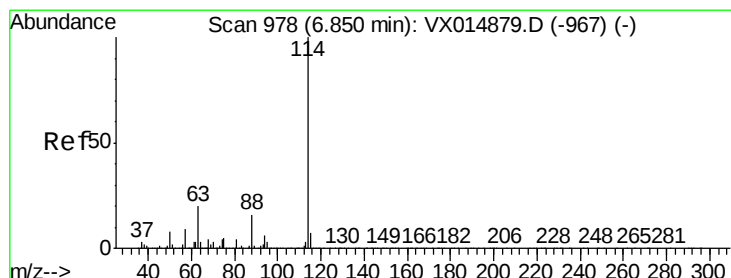
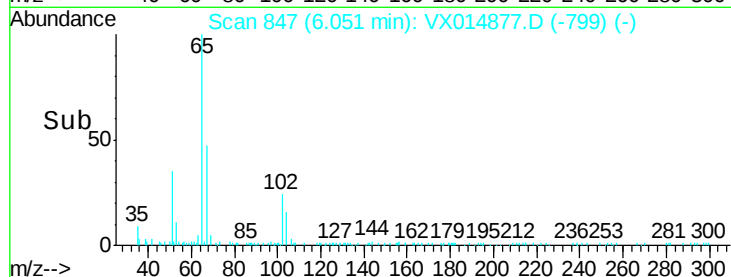
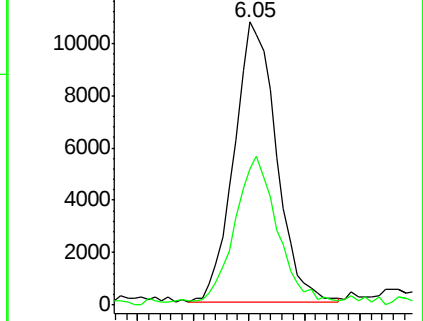
65 100

67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

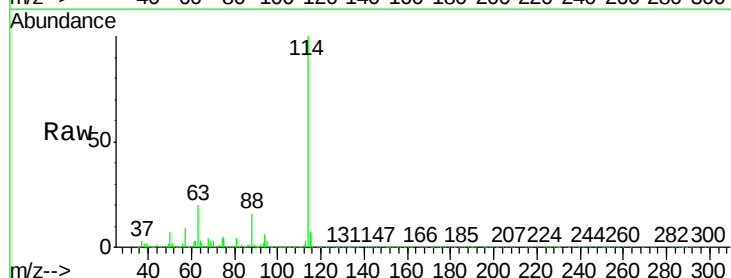
Tgt Ion: 114 Resp: 687322

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

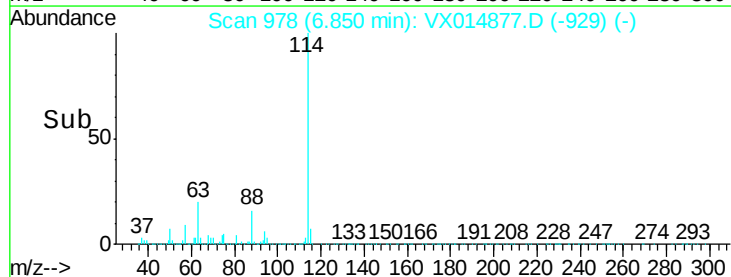
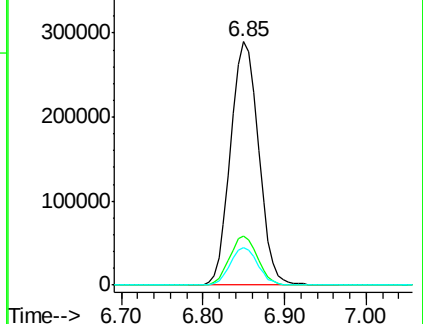
88 15.5 0.0 32.0

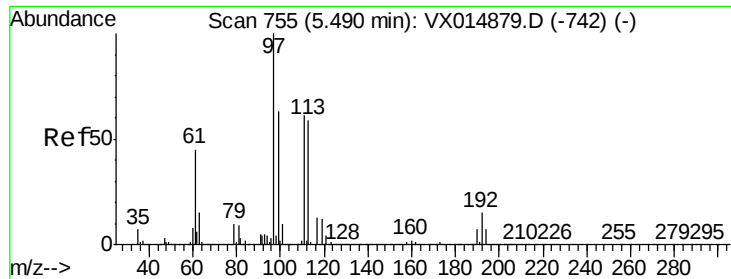


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

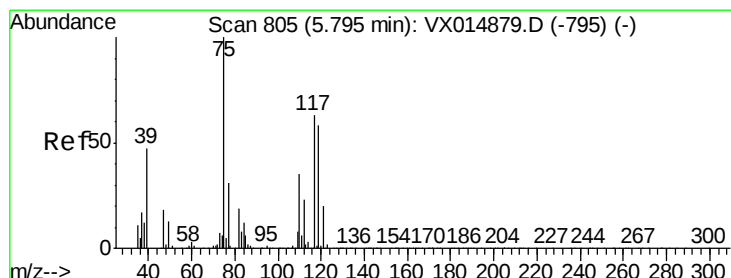
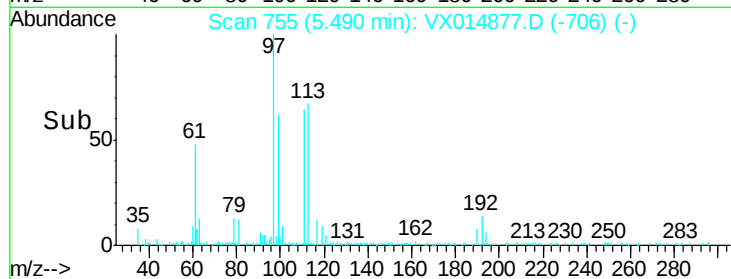
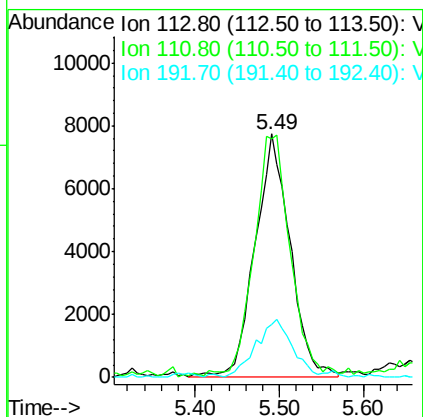
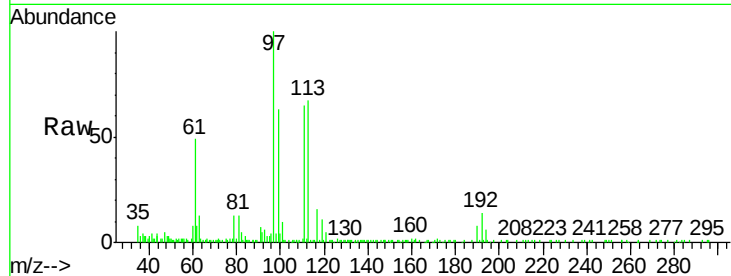




#35
 Dibromofluoromethane
 Concen: 4.46 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

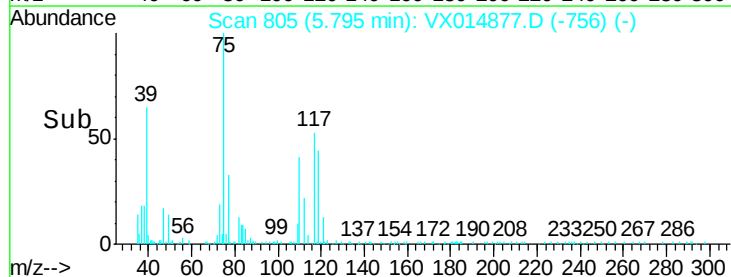
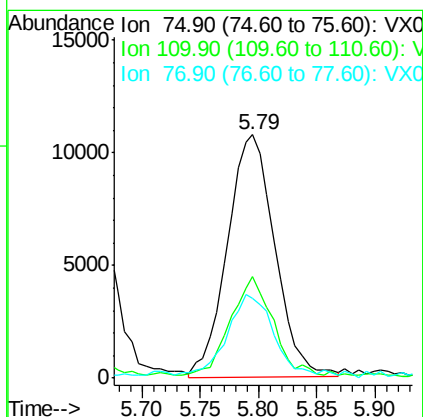
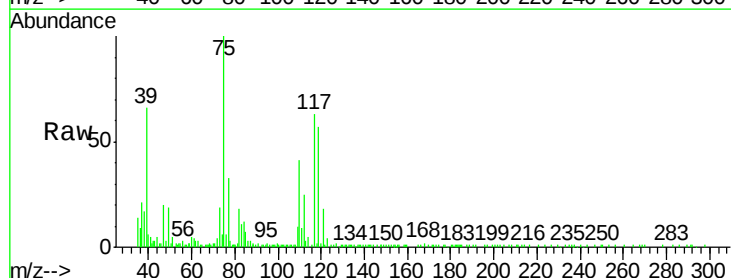
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

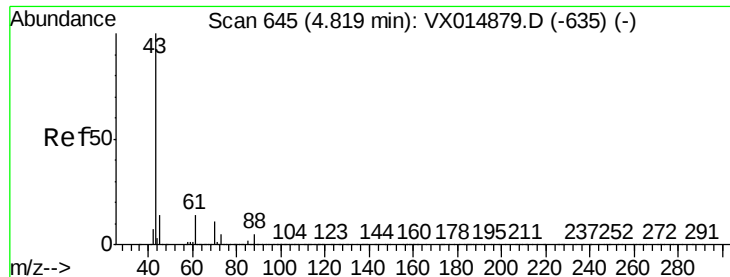
Tgt Ion: 113 Resp: 22091
 Ion Ratio Lower Upper
 113 100
 111 98.1 82.4 123.6
 192 24.7 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 5.05 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion: 75 Resp: 30517
 Ion Ratio Lower Upper
 75 100
 110 36.6 18.3 54.8
 77 32.1 24.6 36.8

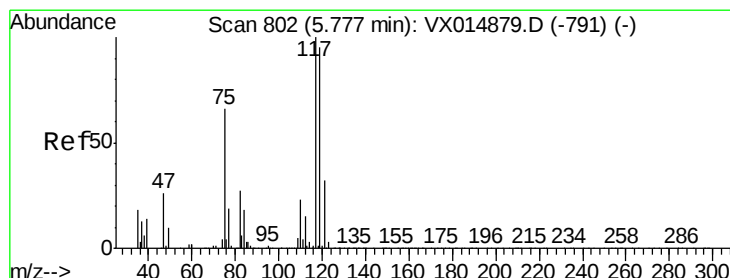
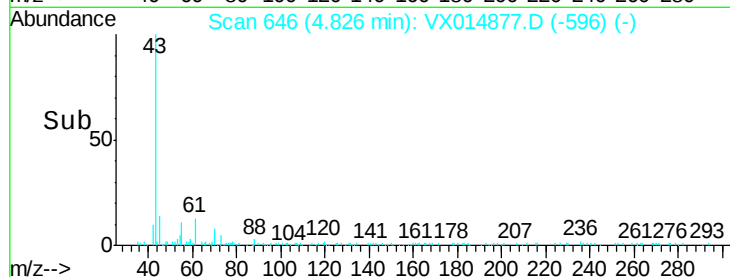
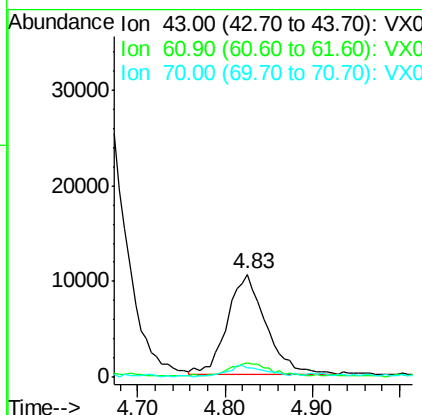
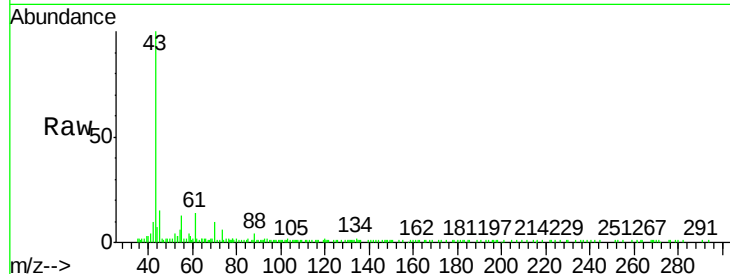




#37
Ethyl Acetate
Concen: 5.06 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

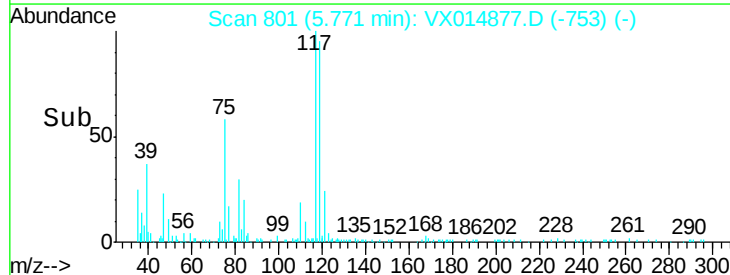
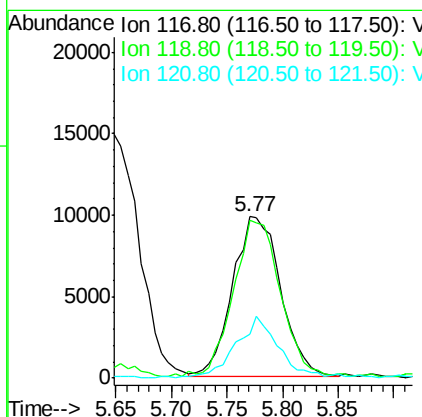
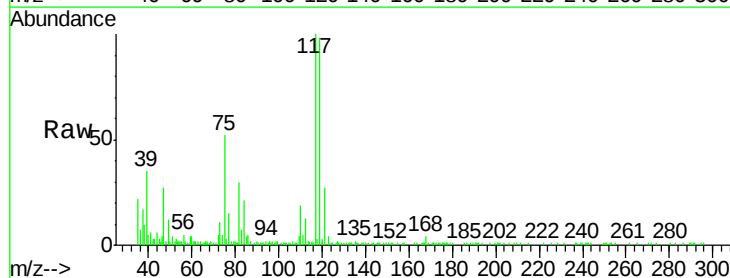
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

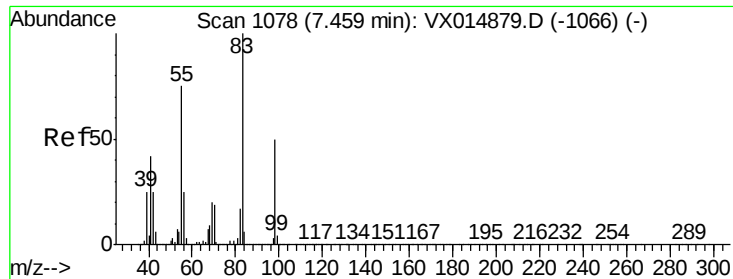
Tgt Ion: 43 Resp: 31933
Ion Ratio Lower Upper
43 100
61 12.0 10.9 16.3
70 13.2 8.7 13.1#



#38
Carbon Tetrachloride
Concen: 5.03 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 117 Resp: 29419
Ion Ratio Lower Upper
117 100
119 96.9 76.0 114.0
121 26.5 25.4 38.2

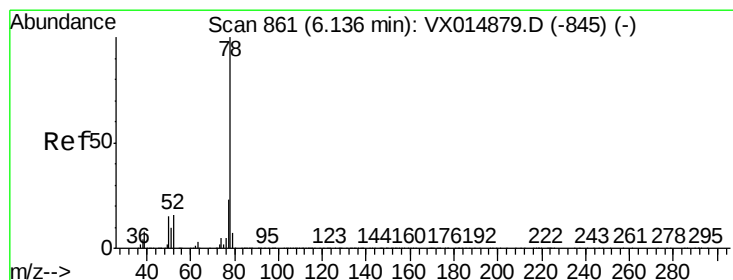
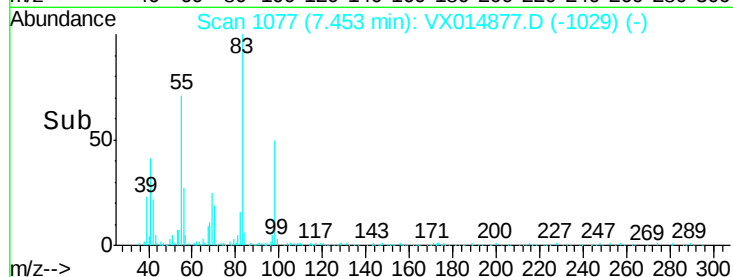
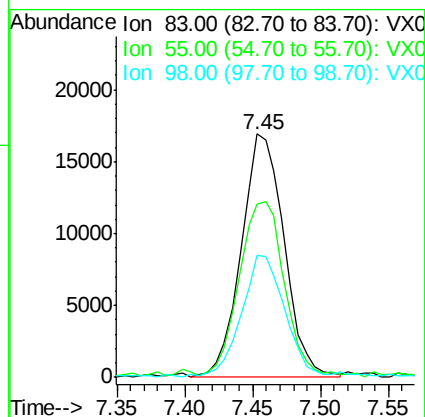
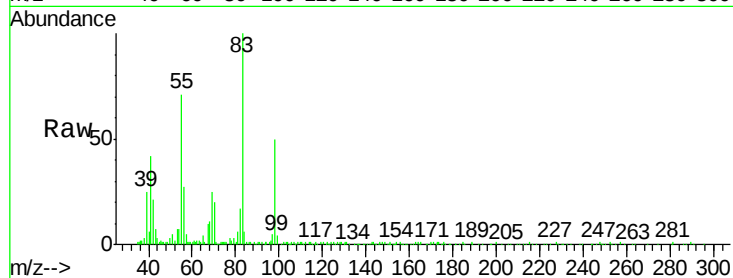




#39
Methylcyclohexane
Concen: 4.90 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

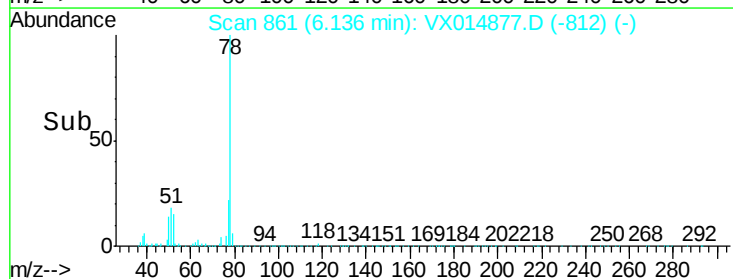
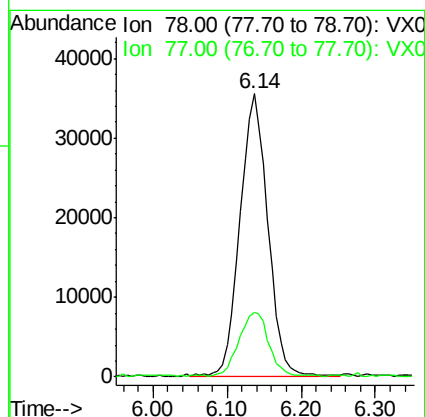
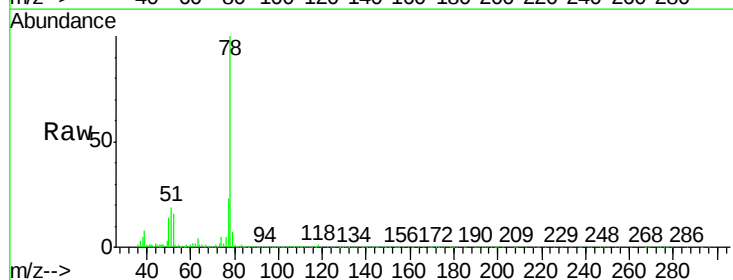
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

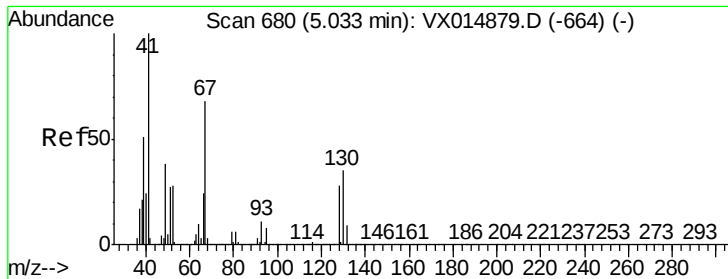
Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.0	60.0	90.0
98	49.1	39.6	59.4



#40
Benzene
Concen: 5.11 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.0	18.8	28.2





#41

Methacrylonitrile

Concen: 5.08 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 16904

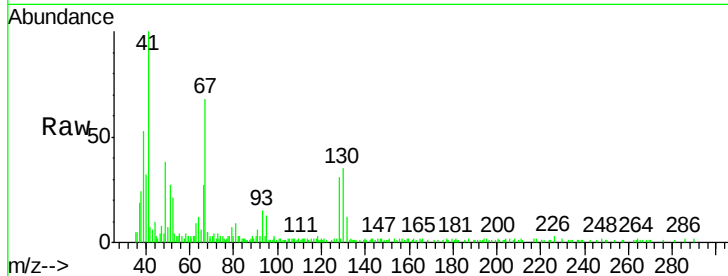
Ion Ratio Lower Upper

41 100

39 61.6 44.7 67.1

67 81.9 56.6 84.8

52 14.6 22.3 33.5#

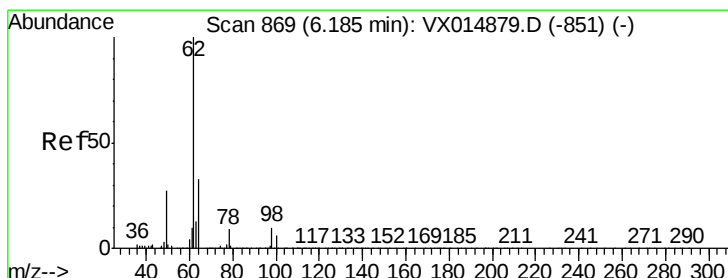
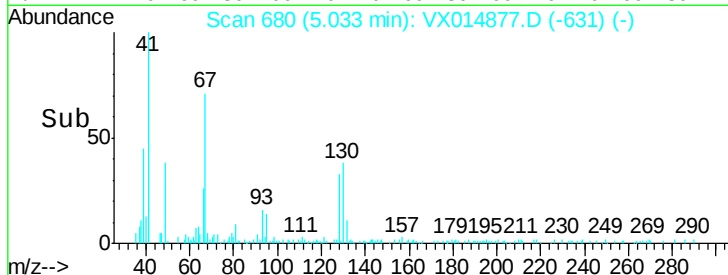
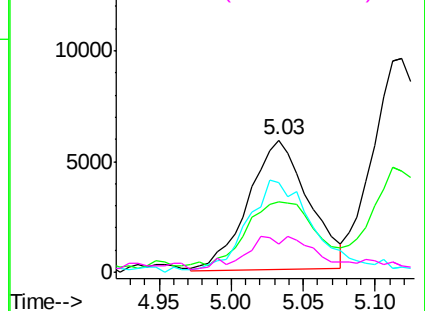


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 5.22 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014877.D

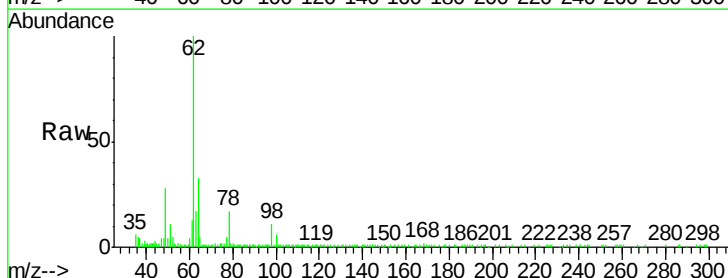
Acq: 10 Feb 2020 10:16

Tgt Ion: 62 Resp: 34775

Ion Ratio Lower Upper

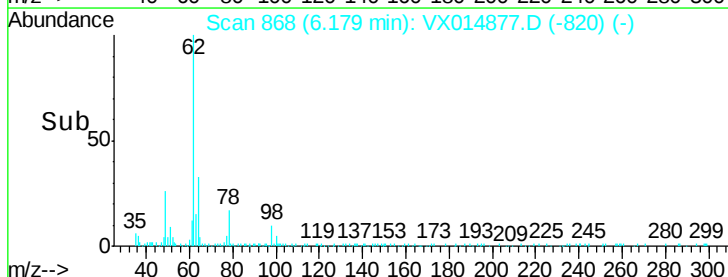
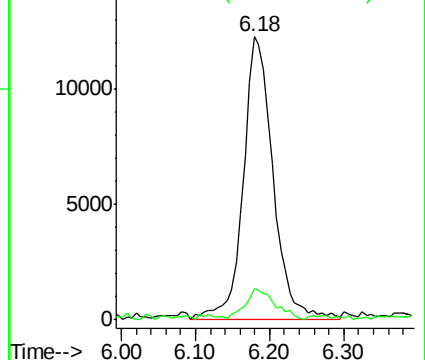
62 100

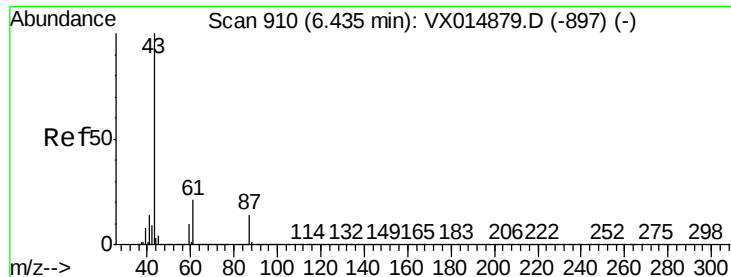
98 10.9 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 5.11 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

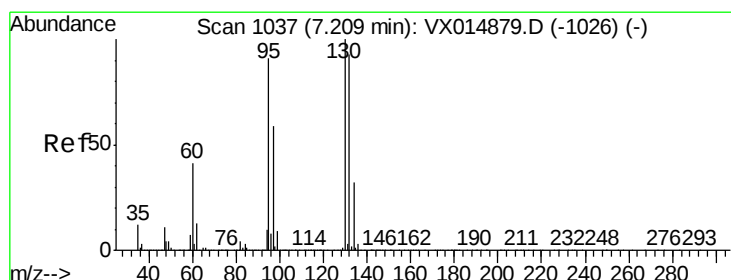
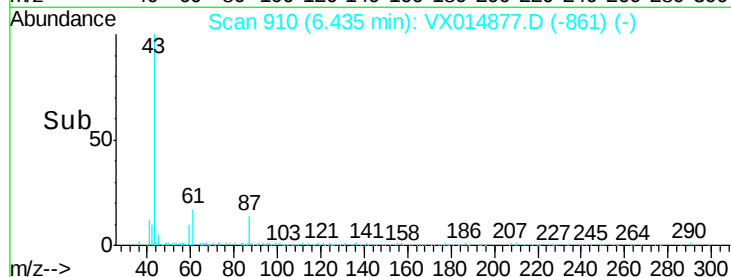
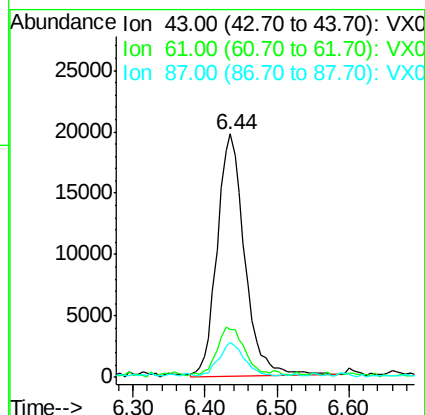
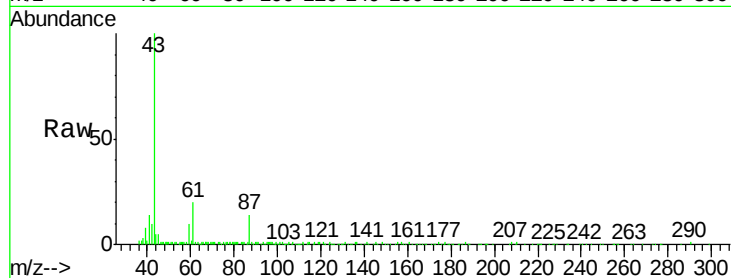
Tgt Ion: 43 Resp: 52487

Ion Ratio Lower Upper

43 100

61 19.7 16.2 24.4

87 12.4 11.0 16.6



#44

Trichloroethene

Concen: 4.93 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014877.D

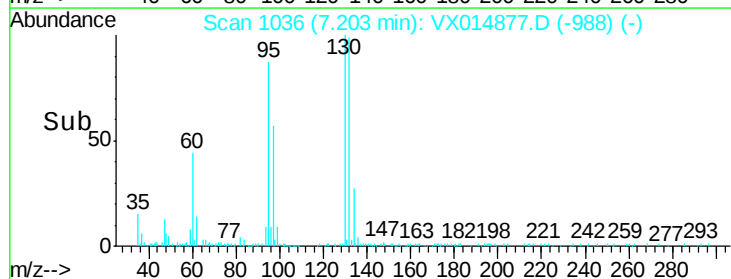
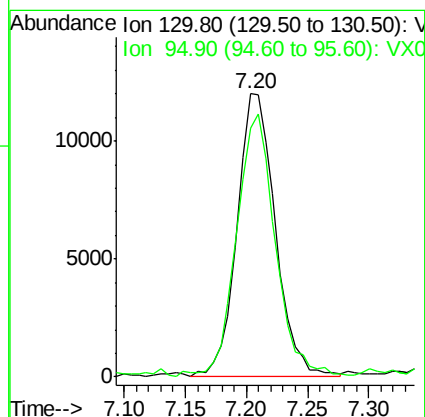
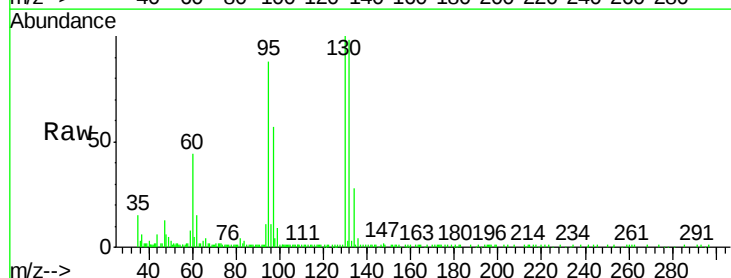
Acq: 10 Feb 2020 10:16

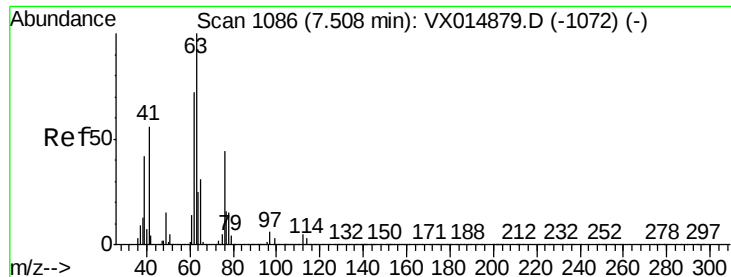
Tgt Ion: 130 Resp: 26149

Ion Ratio Lower Upper

130 100

95 87.4 0.0 182.6

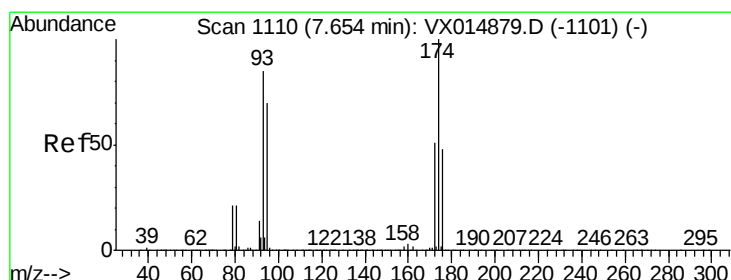
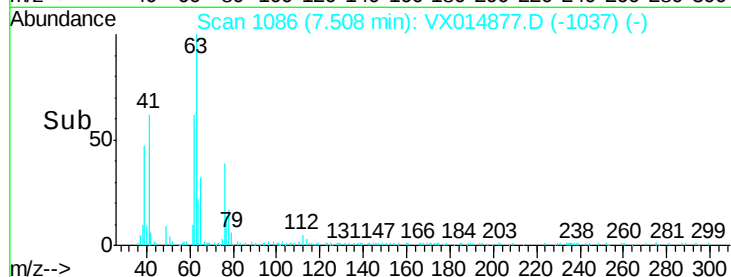
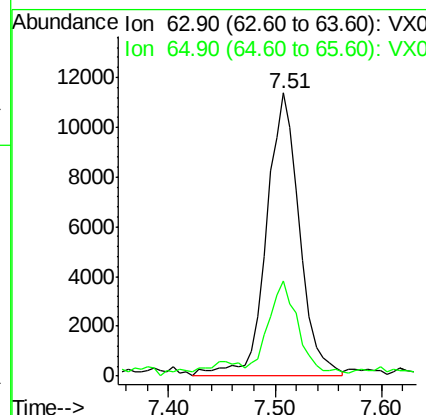
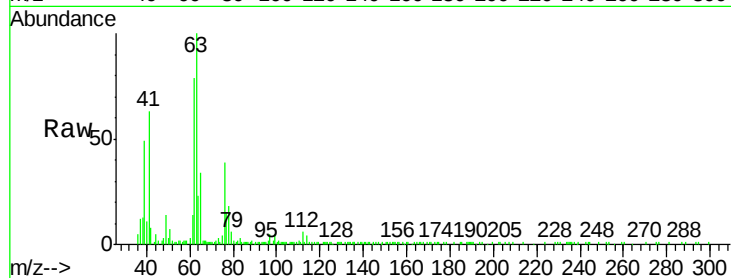




#45
 1,2-Dichloropropane
 Concen: 5.31 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

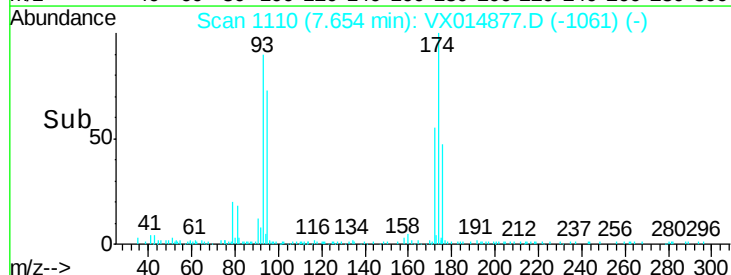
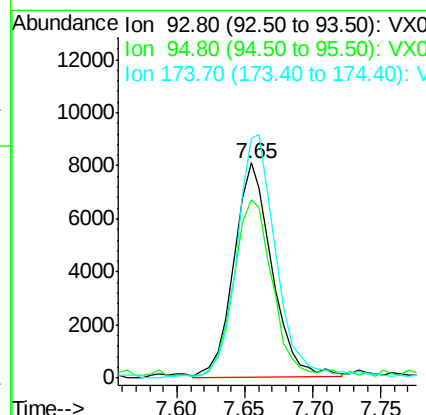
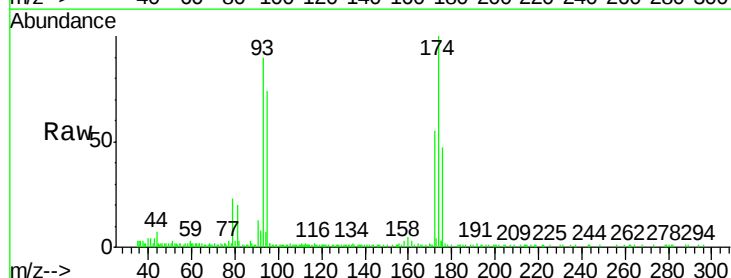
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

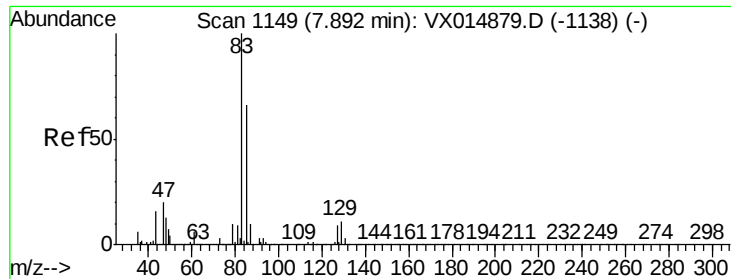
Tgt Ion: 63 Resp: 24675
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.9 37.3



#46
 Dibromomethane
 Concen: 4.91 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion: 93 Resp: 15644
 Ion Ratio Lower Upper
 93 100
 95 82.4 65.8 98.8
 174 118.0 95.4 143.2

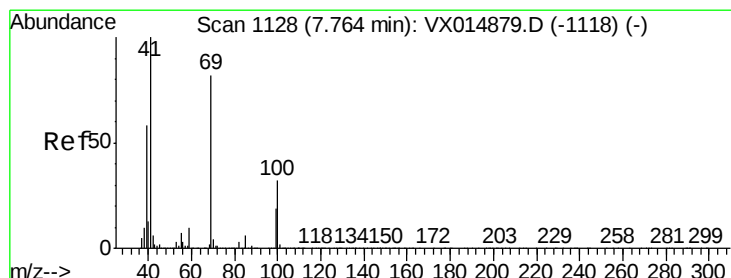
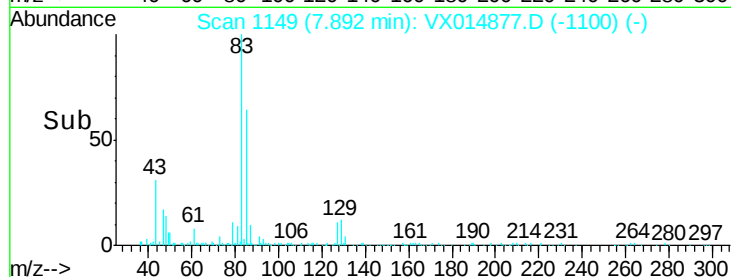
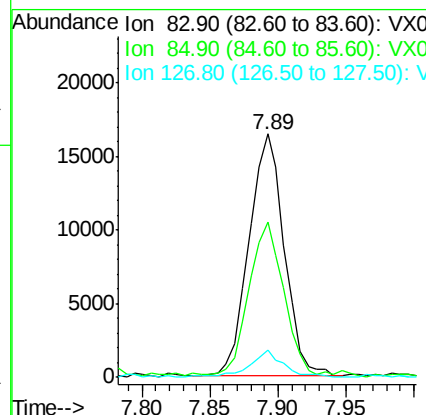
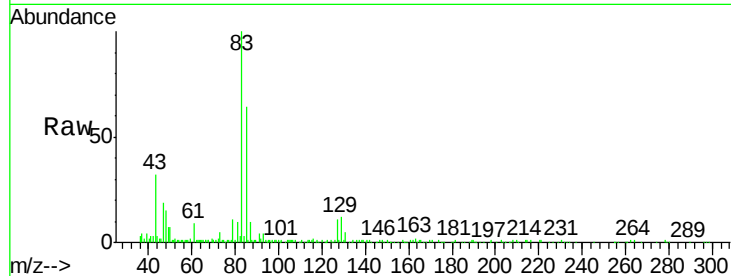




#47
 Bromodichloromethane
 Concen: 4.78 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

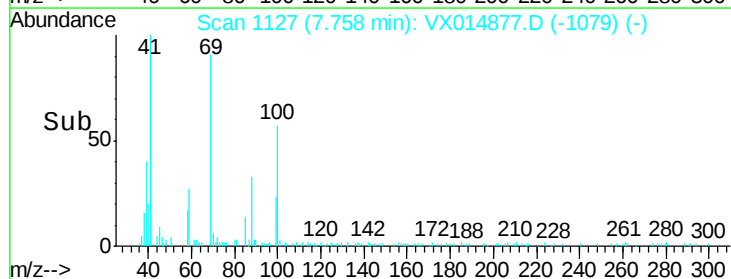
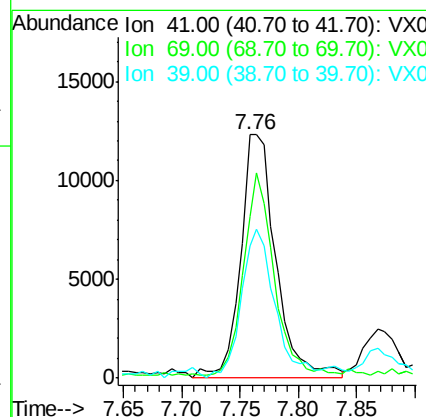
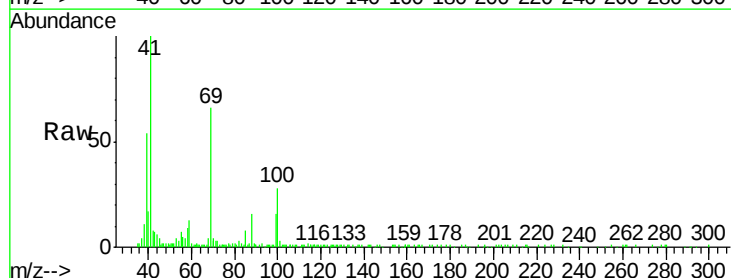
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

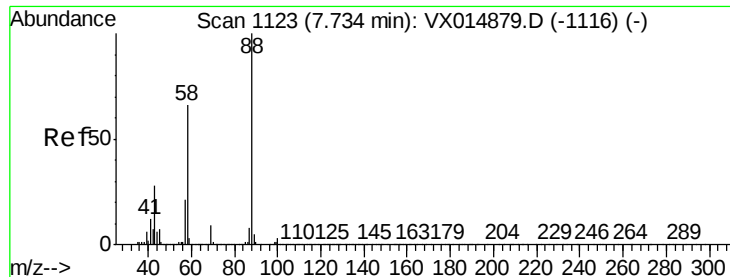
Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.5	78.7
127	11.0	7.4	11.0



#48
 Methyl methacrylate
 Concen: 5.27 ug/l
 RT: 7.76 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.8	65.7	98.5
39	58.1	45.8	68.8





#49

1,4-Dioxane

Concen: 94.16 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

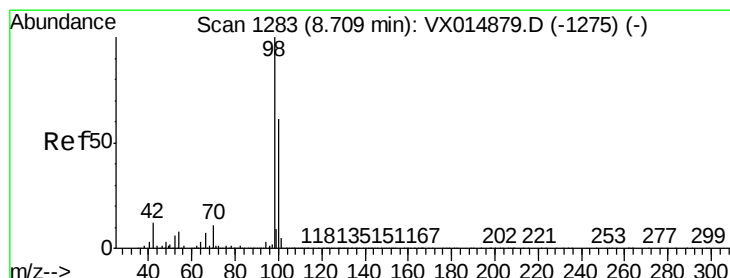
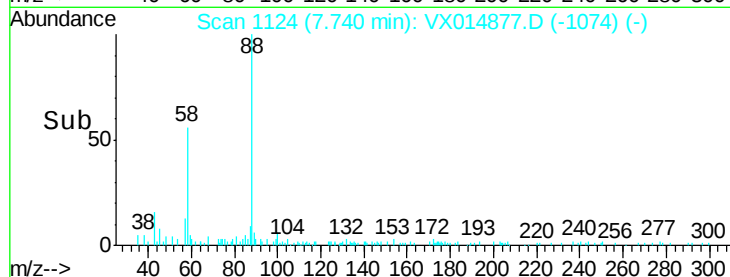
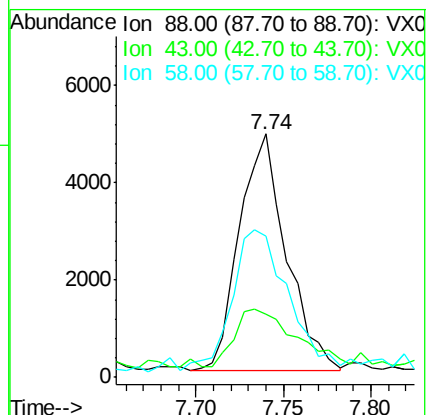
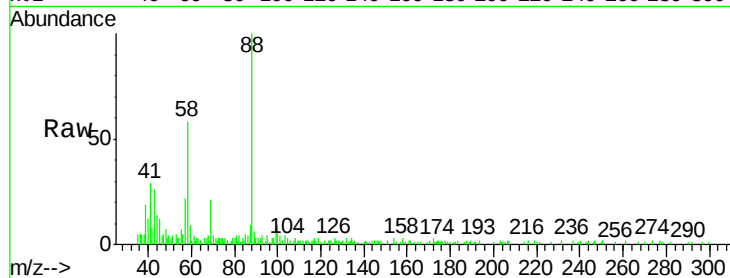
Tgt Ion: 88 Resp: 9085

Ion Ratio Lower Upper

88 100

43 31.7 27.0 40.4

58 71.3 53.2 79.8



#50

Toluene-d8

Concen: 4.94 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014877.D

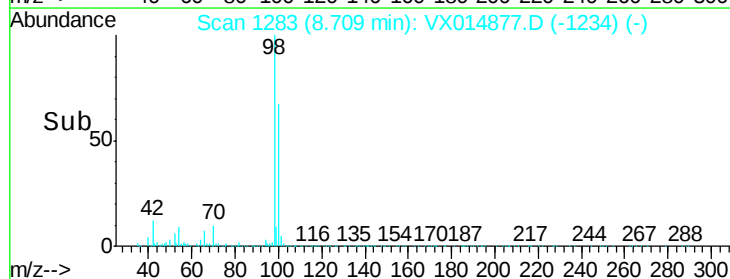
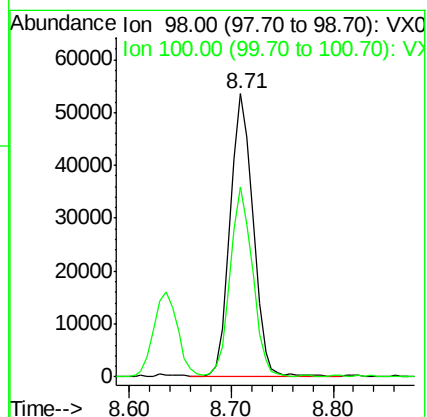
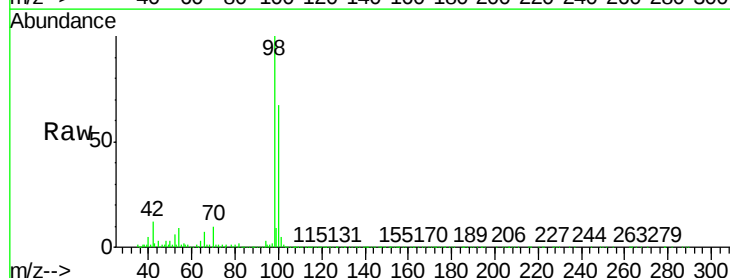
Acq: 10 Feb 2020 10:16

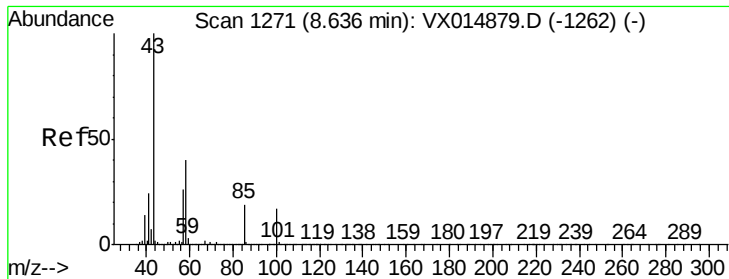
Tgt Ion: 98 Resp: 82805

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

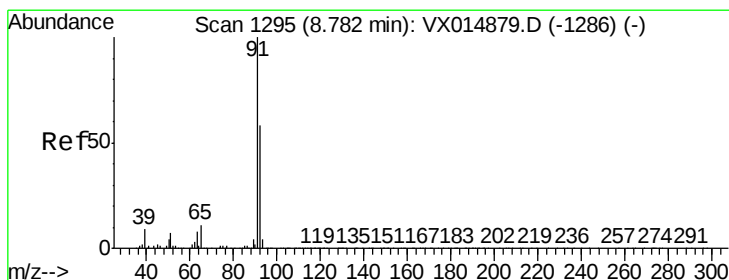
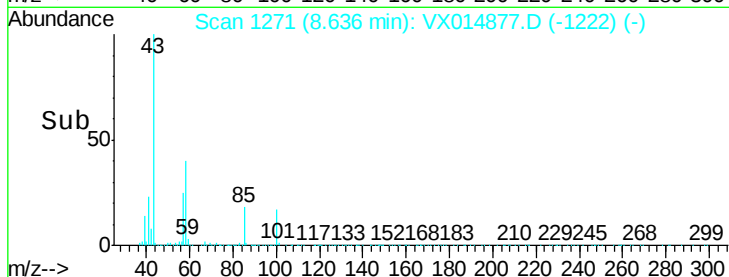
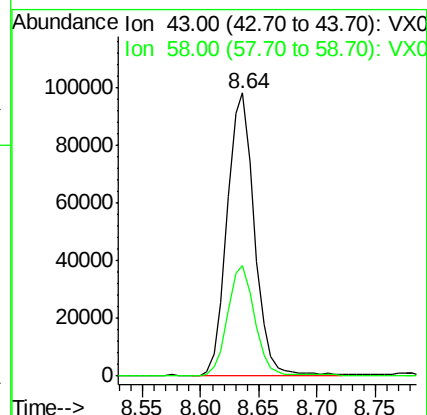
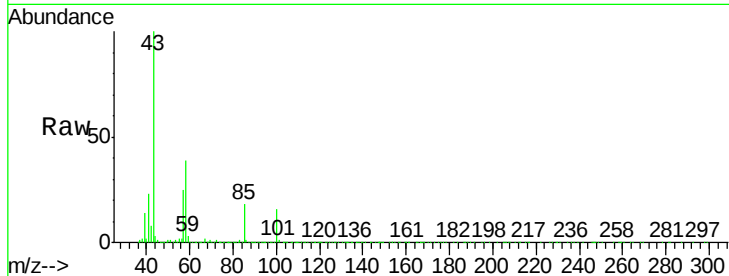




#51
4-Methyl-2-Pentanone
Concen: 25.53 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

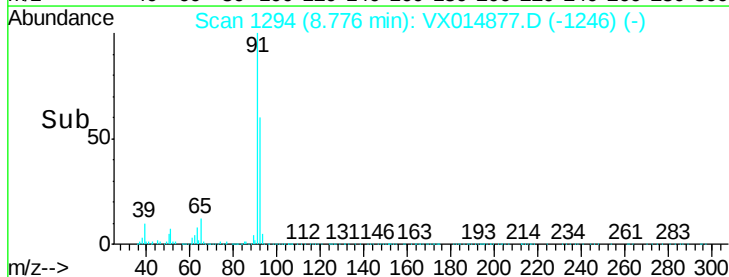
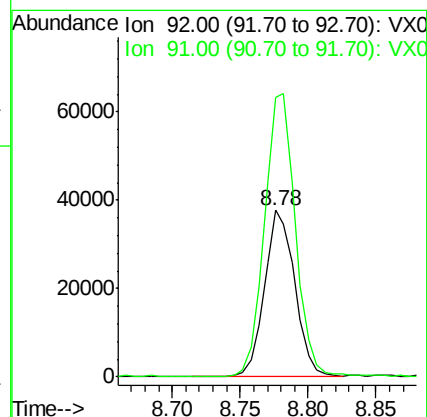
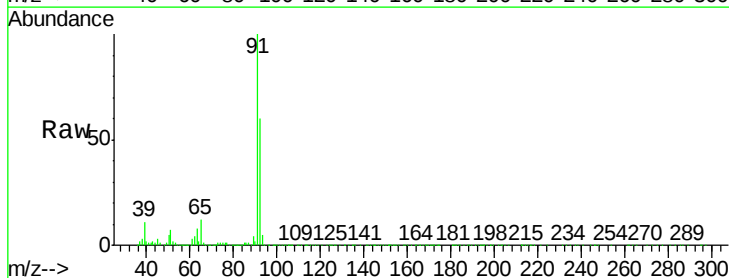
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

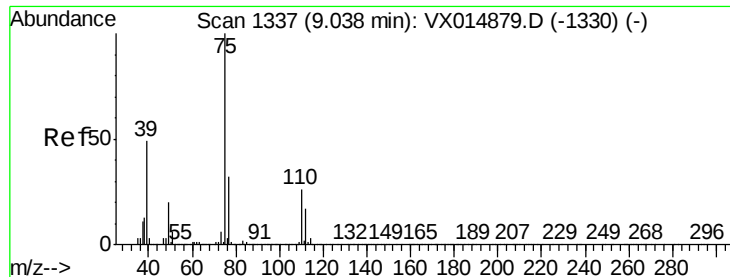
Tgt Ion: 43 Resp: 158777
Ion Ratio Lower Upper
43 100
58 38.4 31.9 47.9



#52
Toluene
Concen: 5.15 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 92 Resp: 59327
Ion Ratio Lower Upper
92 100
91 171.7 137.0 205.4





#53

t-1,3-Dichloropropene

Concen: 5.02 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

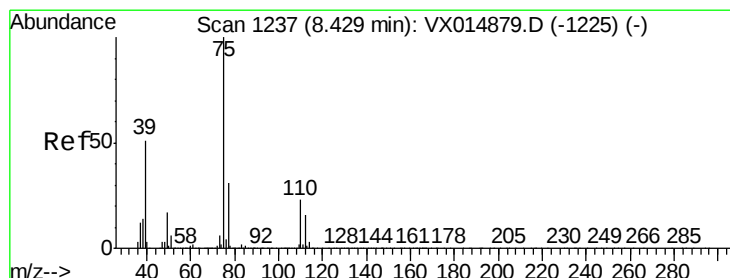
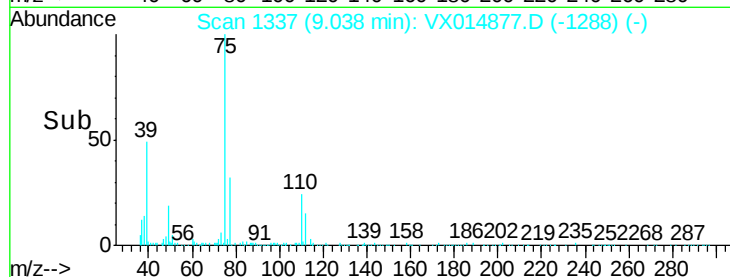
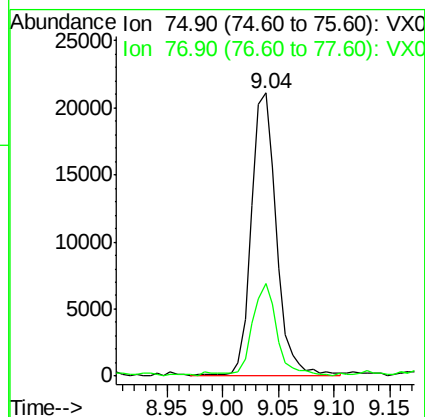
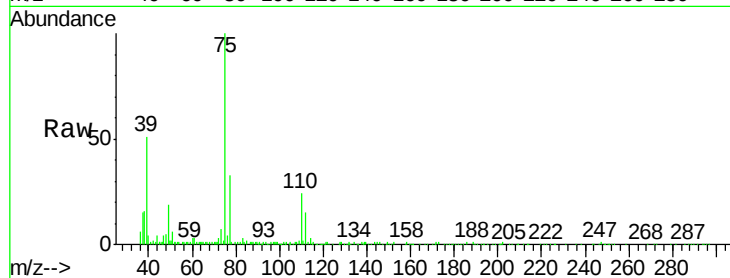
VSTDIC005

Tgt Ion: 75 Resp: 33335

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 4.75 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

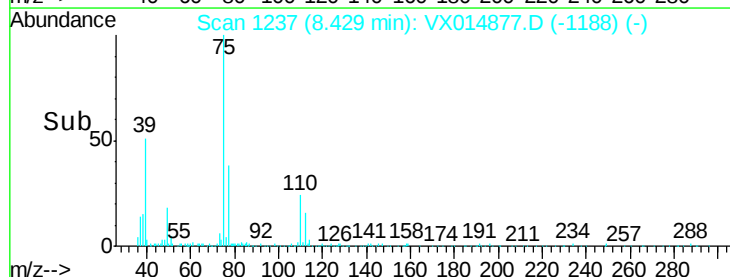
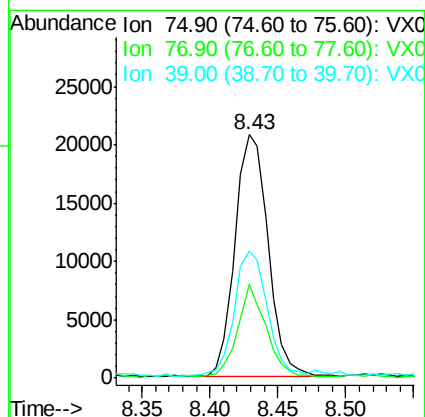
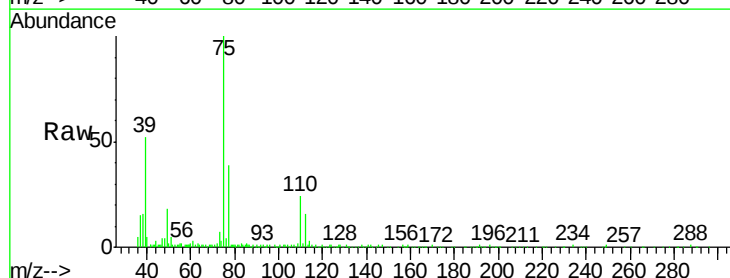
Tgt Ion: 75 Resp: 35421

Ion Ratio Lower Upper

75 100

77 38.2 24.6 37.0#

39 51.5 40.9 61.3

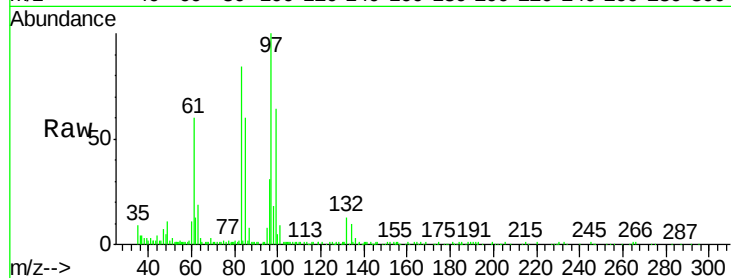




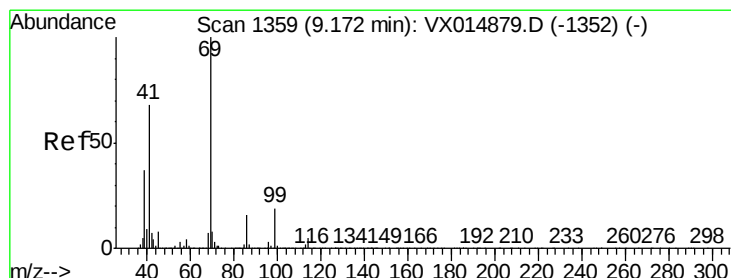
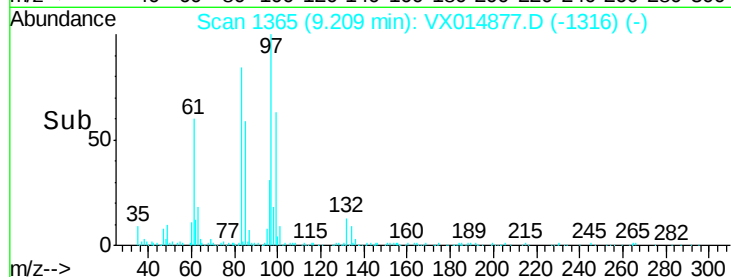
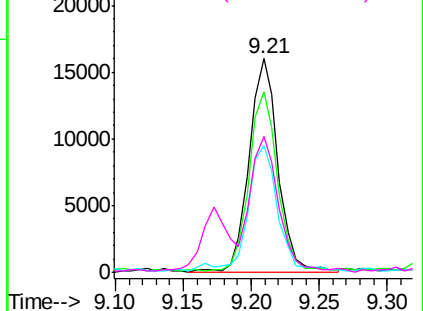
#55
 1,1,2-Trichloroethane
 Concen: 5.16 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:	97	Resp:	24119
Ion	Ratio	Lower	Upper
97	100		
83	83.4	66.6	99.8
85	58.9	43.5	65.3
99	61.9	49.6	74.4

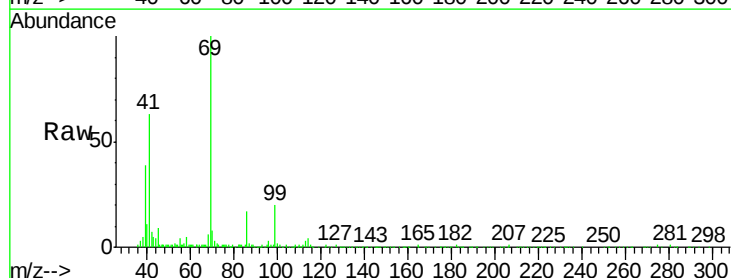


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

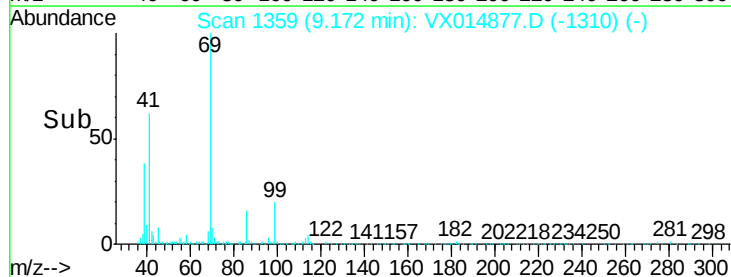
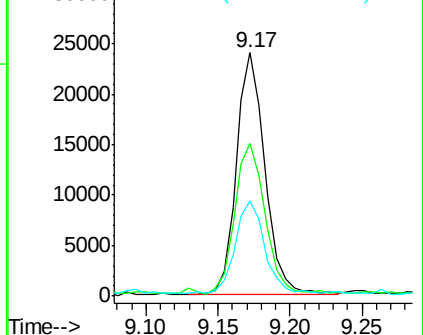


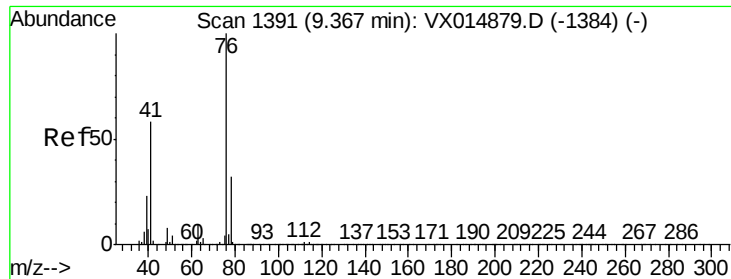
#56
 Ethyl methacrylate
 Concen: 4.95 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion:	69	Resp:	33230
Ion	Ratio	Lower	Upper
69	100		
41	65.6	54.8	82.2
39	39.3	29.9	44.9



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





#57

1,3-Dichloropropane

Concen: 5.04 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

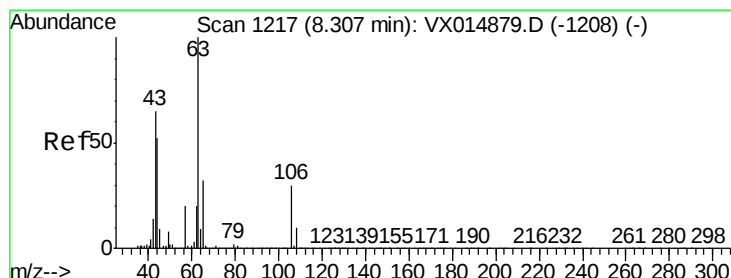
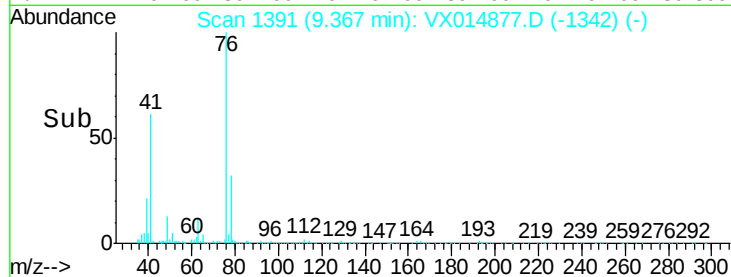
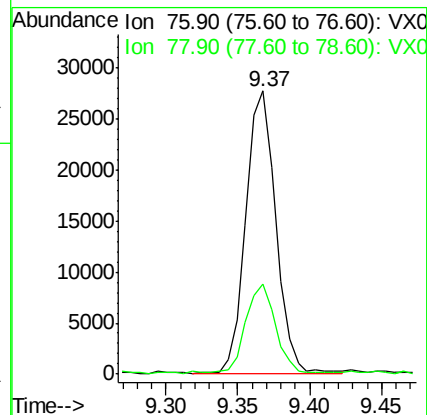
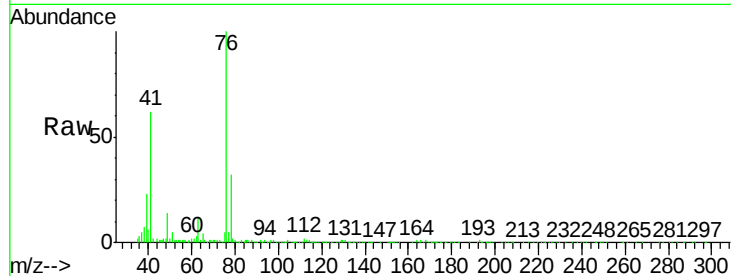
VSTDIC005

Tgt Ion: 76 Resp: 39729

Ion Ratio Lower Upper

76 100

78 31.6 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 25.00 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014877.D

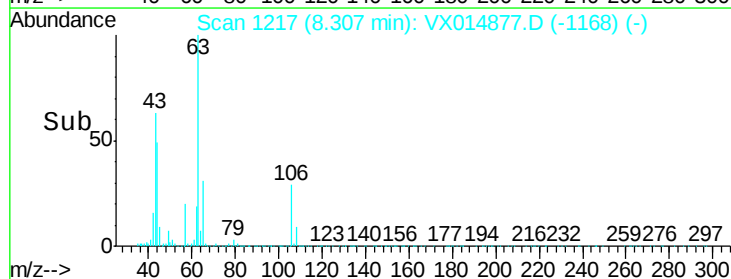
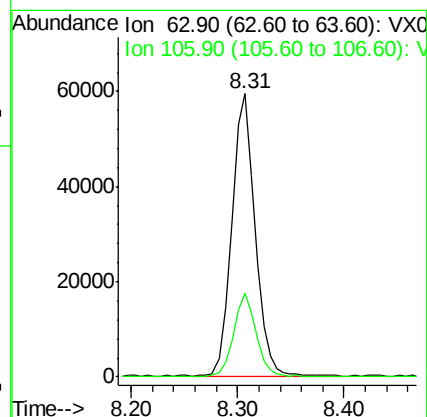
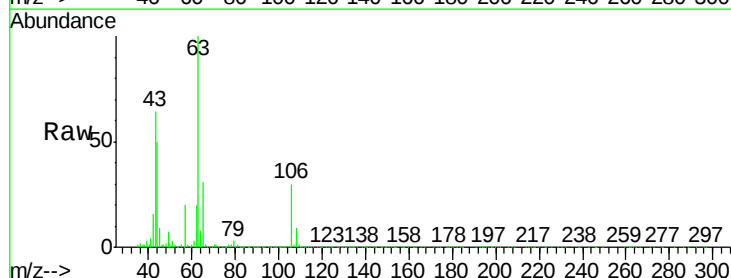
Acq: 10 Feb 2020 10:16

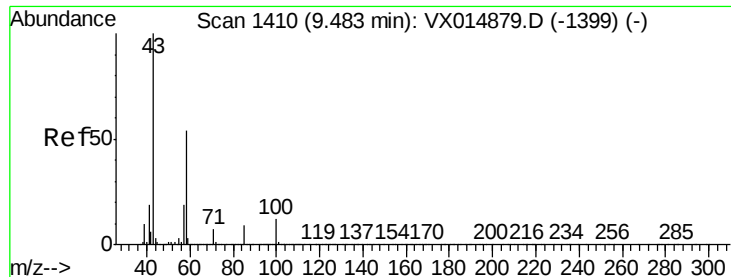
Tgt Ion: 63 Resp: 90906

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.8

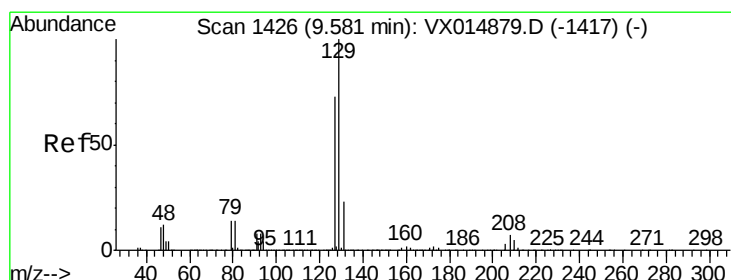
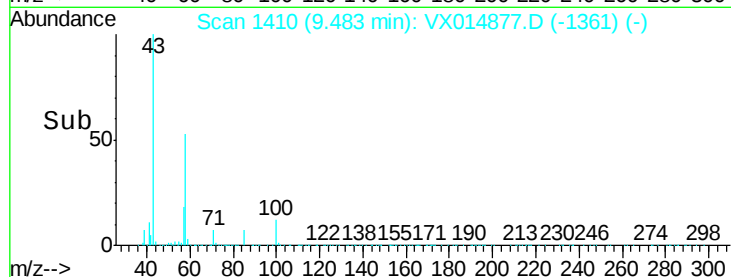
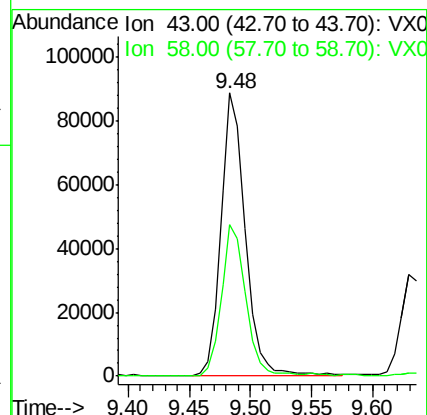
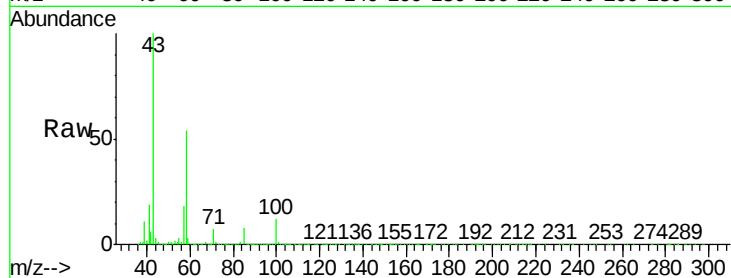




#59
2-Hexanone
Concen: 25.57 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

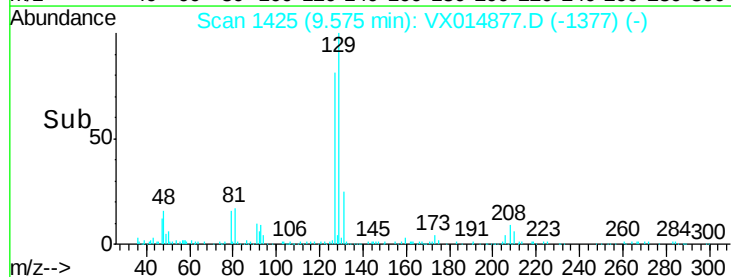
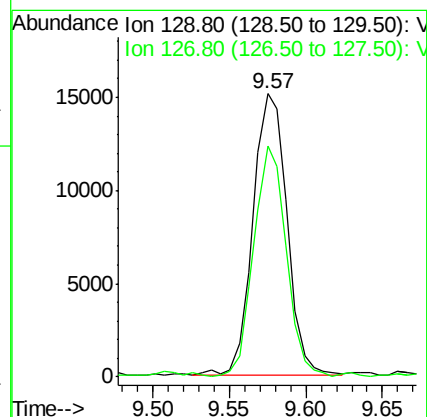
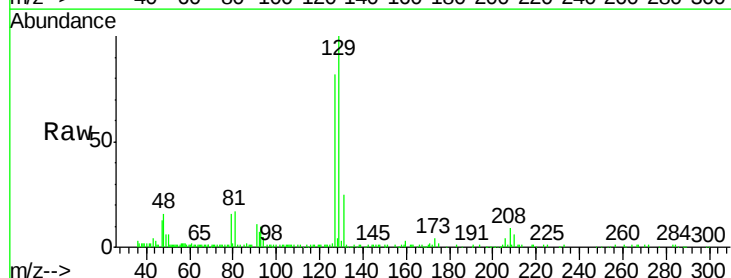
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

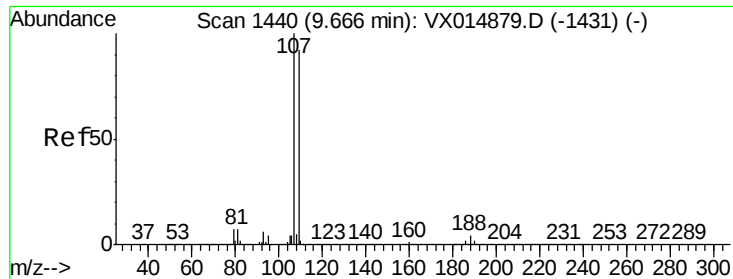
Tgt Ion: 43 Resp: 124076
Ion Ratio Lower Upper
43 100
58 53.0 27.5 82.5



#60
Dibromochloromethane
Concen: 4.82 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 129 Resp: 23347
Ion Ratio Lower Upper
129 100
127 78.9 37.8 113.3





#61

1,2-Dibromoethane

Concen: 5.04 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

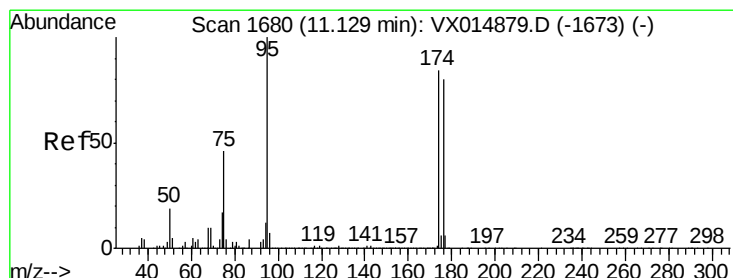
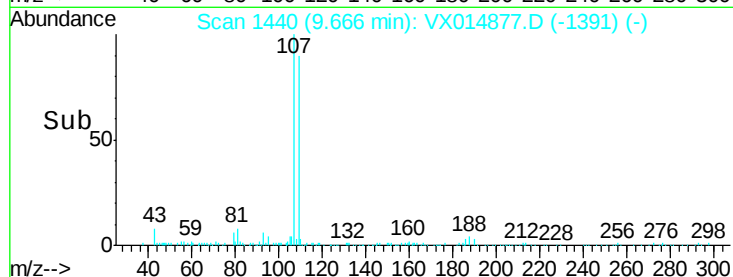
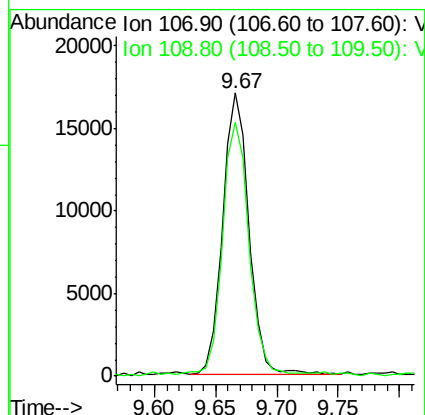
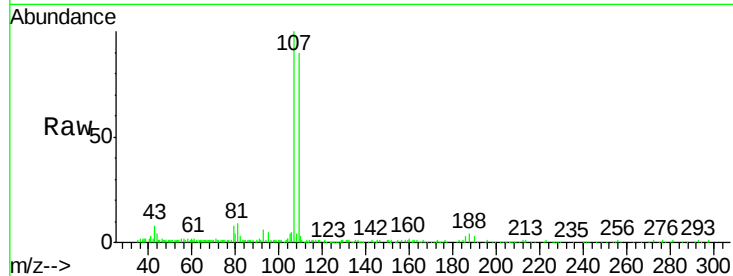
VSTDIC005

Tgt Ion: 107 Resp: 25465

Ion Ratio Lower Upper

107 100

109 89.0 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 4.99 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

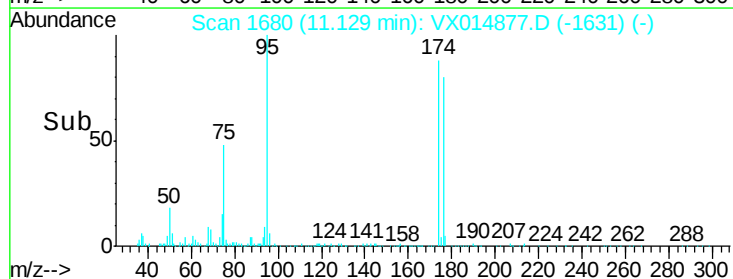
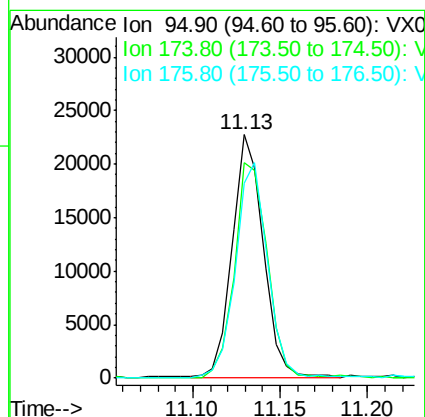
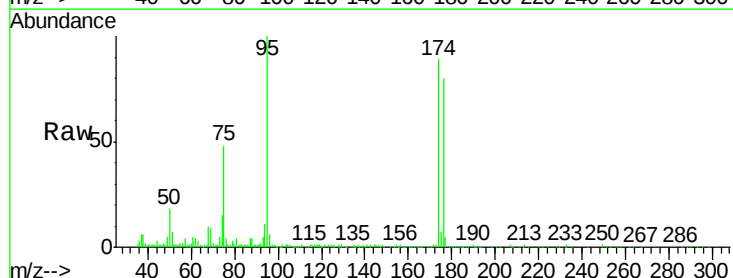
Tgt Ion: 95 Resp: 28291

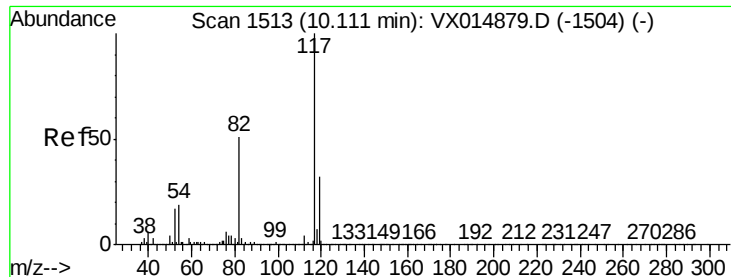
Ion Ratio Lower Upper

95 100

174 92.7 0.0 183.0

176 91.5 0.0 178.0

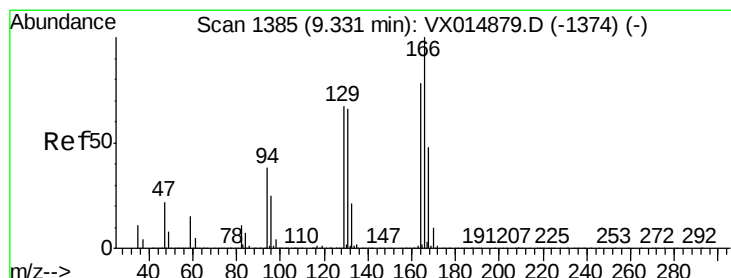
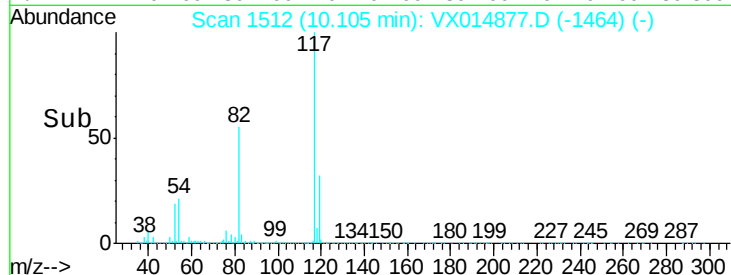
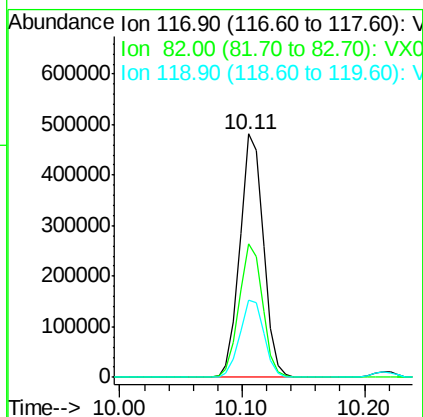
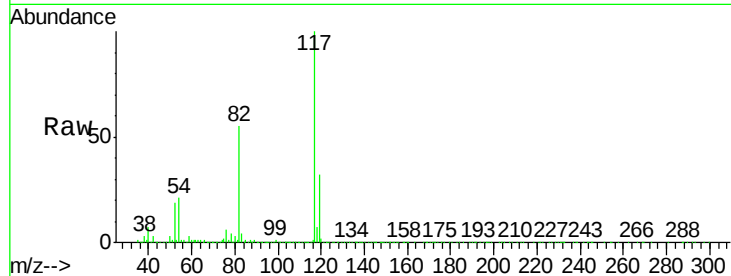




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

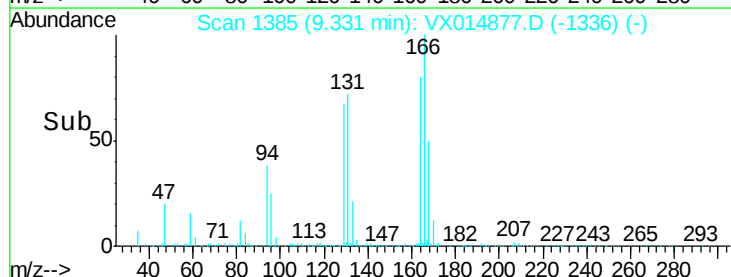
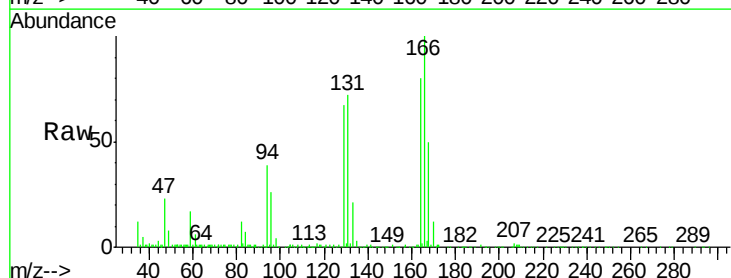
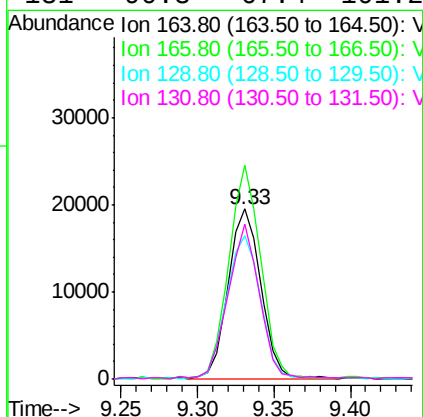
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.0	40.5	60.7
119	31.7	25.8	38.6



#64
Tetrachloroethene
Concen: 4.95 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	102.6	153.8
129	83.5	68.3	102.5
131	90.3	67.4	101.2

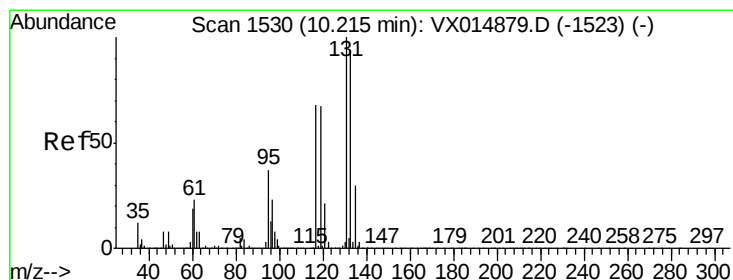
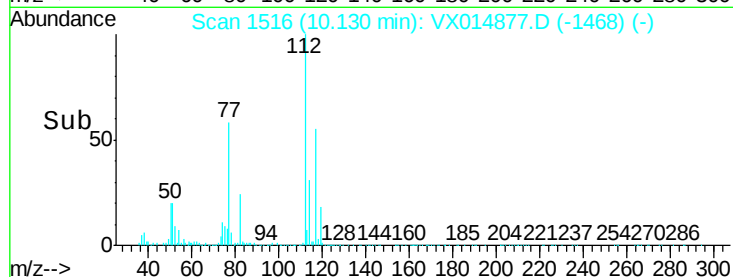
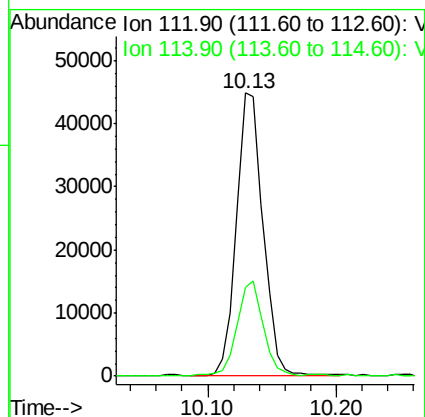
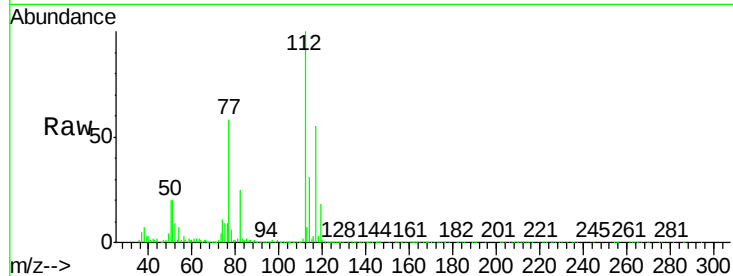




#65
Chlorobenzene
Concen: 5.01 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

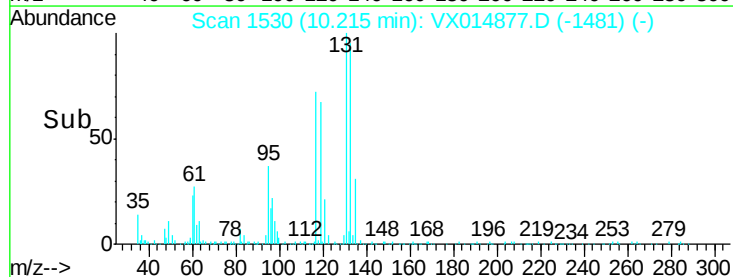
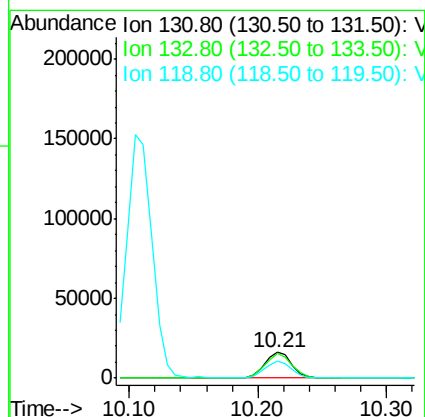
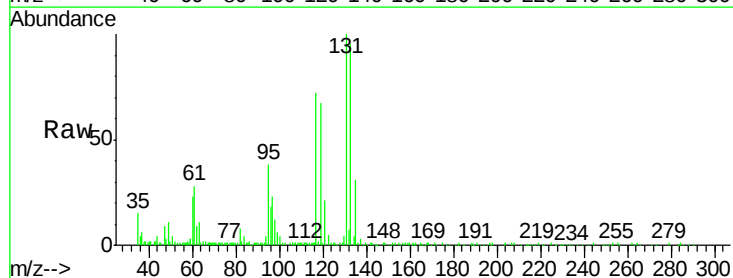
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

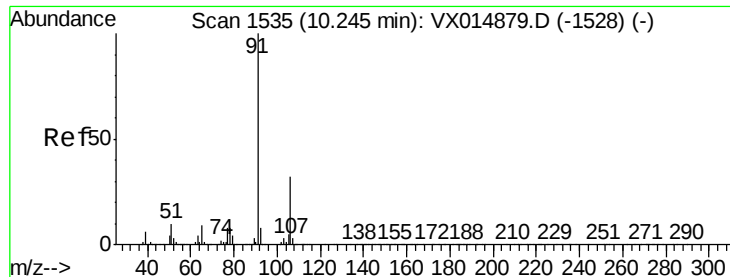
Tgt Ion:112 Resp: 64919
Ion Ratio Lower Upper
112 100
114 31.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.11 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion:131 Resp: 23519
Ion Ratio Lower Upper
131 100
133 93.2 48.1 144.4
119 64.6 33.0 99.0





#67

Ethyl Benzene

Concen: 4.99 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

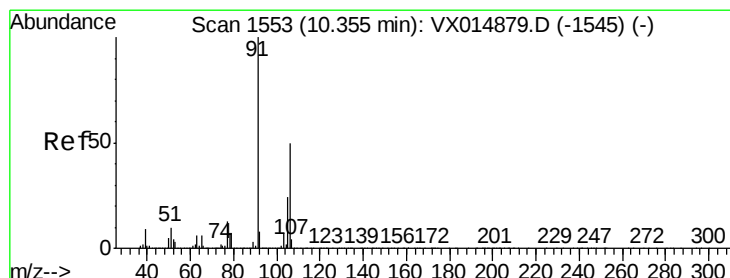
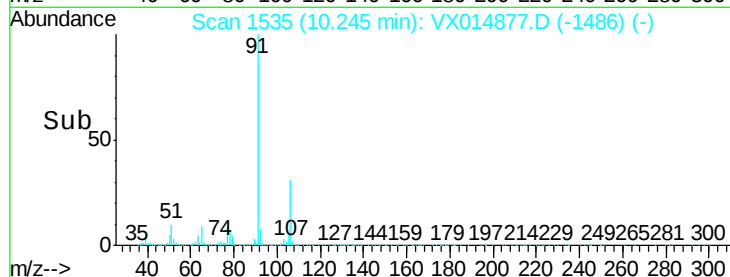
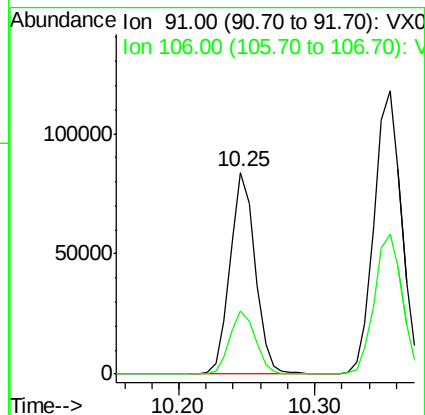
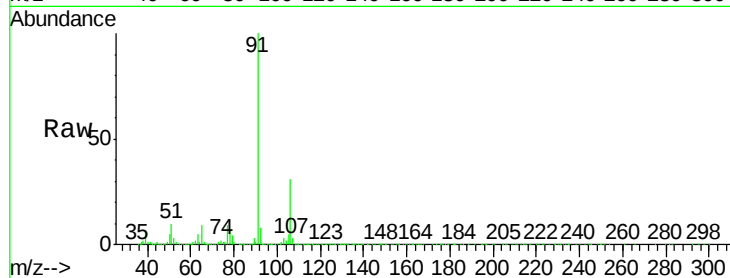
VSTDIC005

Tgt Ion: 91 Resp: 108267

Ion Ratio Lower Upper

91 100

106 31.1 25.3 37.9



#68

m/p-Xylenes

Concen: 9.92 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014877.D

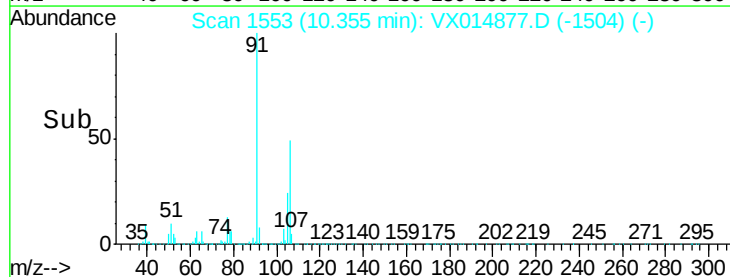
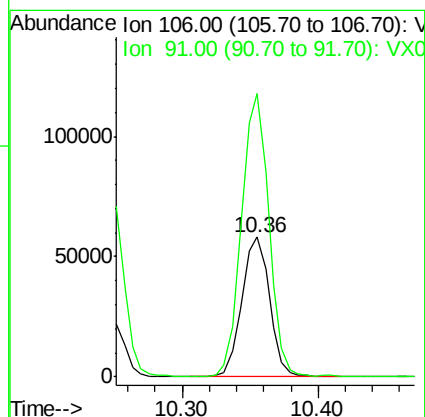
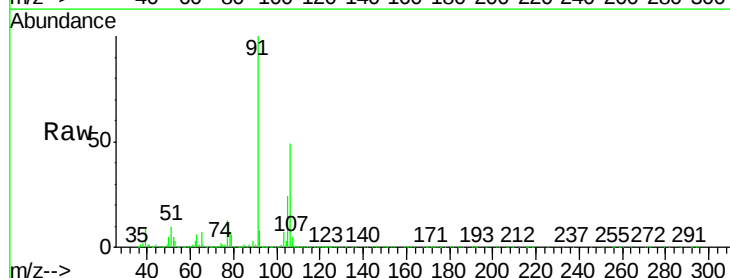
Acq: 10 Feb 2020 10:16

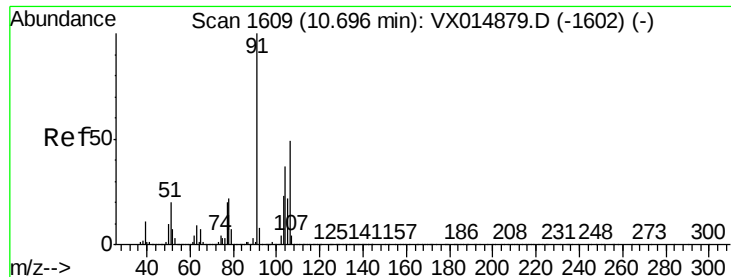
Tgt Ion: 106 Resp: 82715

Ion Ratio Lower Upper

106 100

91 199.2 160.6 240.8

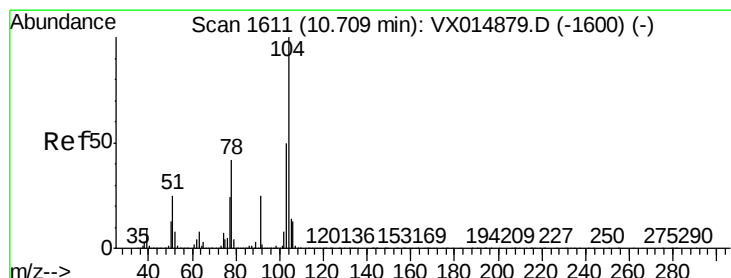
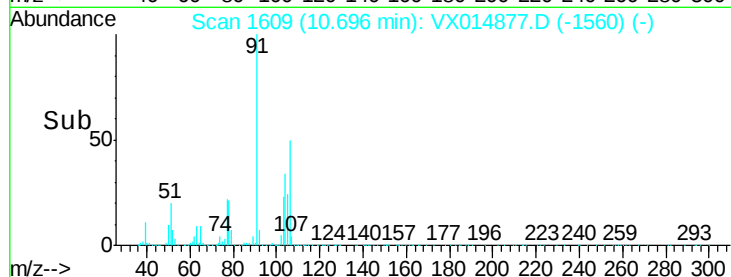
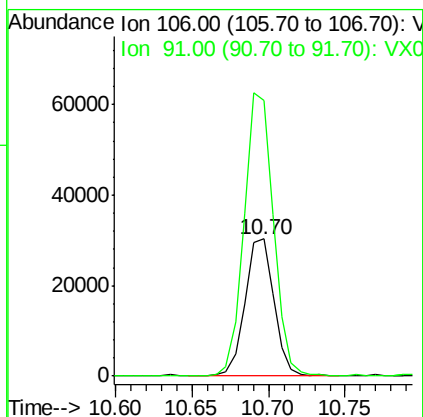
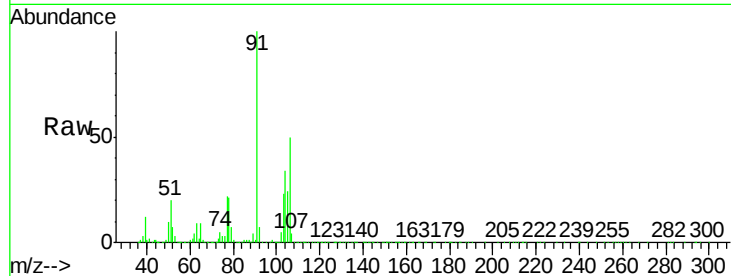




#69
o-Xylene
Concen: 4.96 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

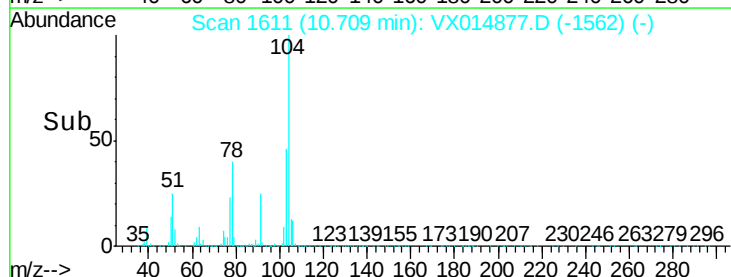
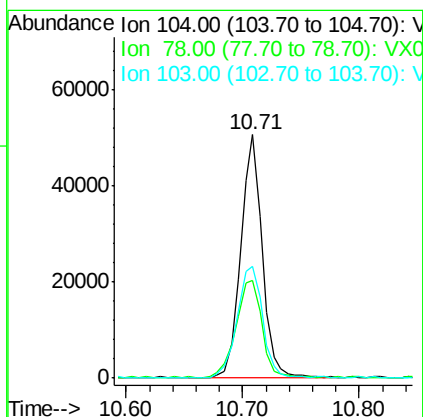
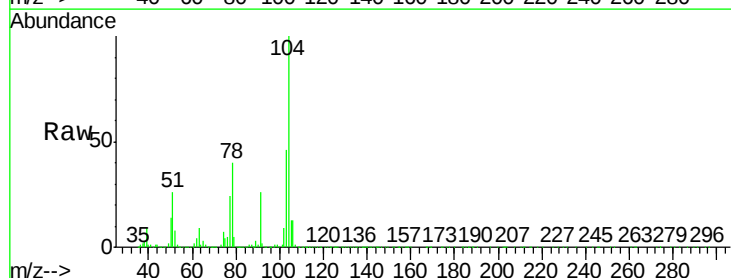
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

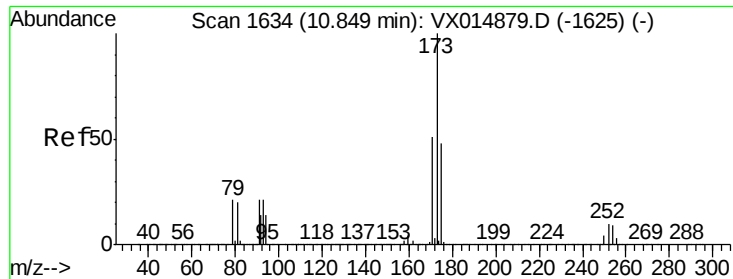
Tgt Ion:106 Resp: 39593
Ion Ratio Lower Upper
106 100
91 208.7 105.1 315.3



#70
Styrene
Concen: 4.93 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion:104 Resp: 65308
Ion Ratio Lower Upper
104 100
78 48.6 39.0 58.4
103 54.1 43.4 65.0





#71

Bromoform

Concen: 4.64 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

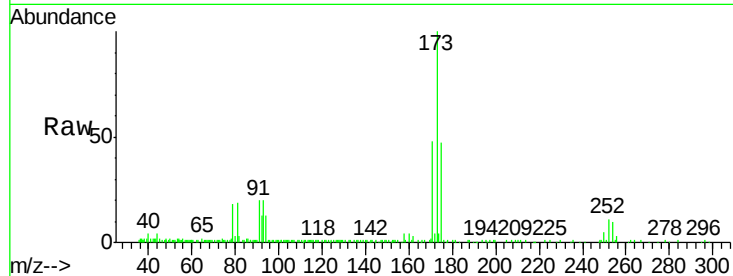
Tgt Ion:173 Resp: 17120

Ion Ratio Lower Upper

173 100

175 51.0 24.2 72.6

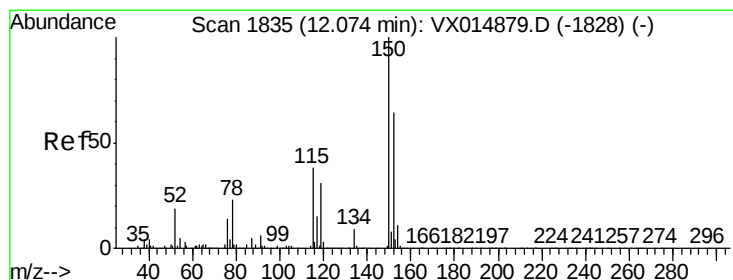
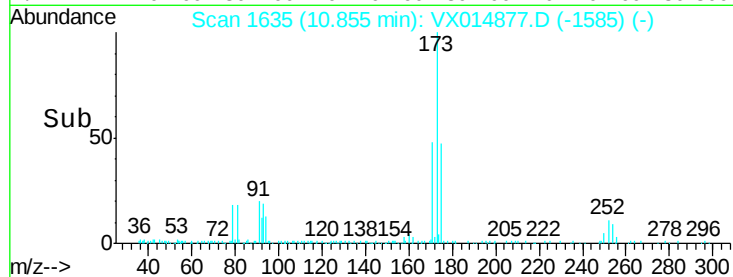
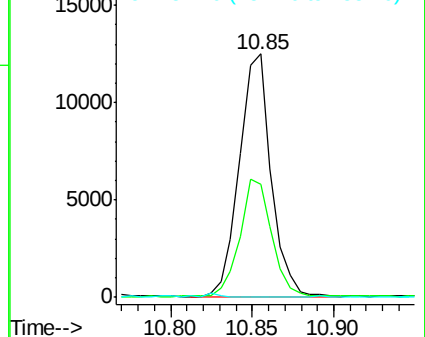
254 0.0 0.2 0.2#



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: VX014877.D

Acq: 10 Feb 2020 10:16

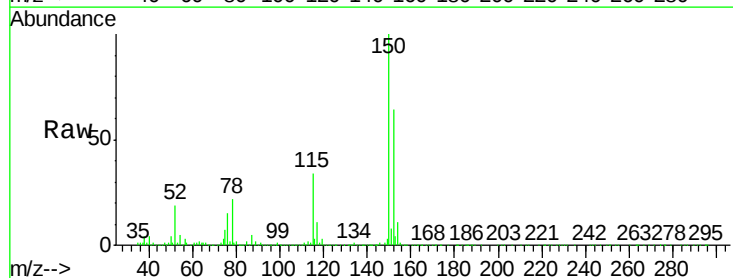
Tgt Ion:152 Resp: 336472

Ion Ratio Lower Upper

152 100

115 56.8 38.6 116.0

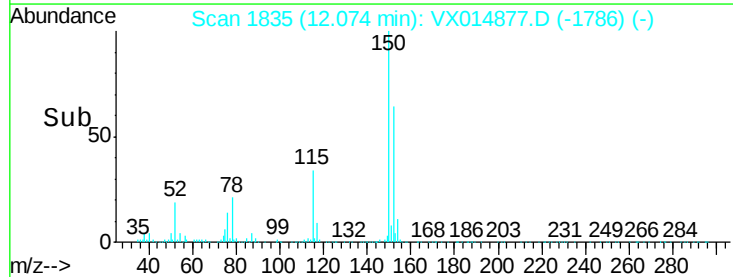
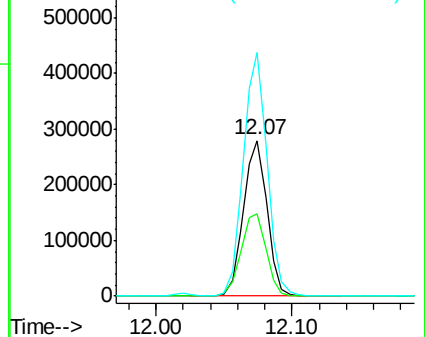
150 158.1 0.0 349.0

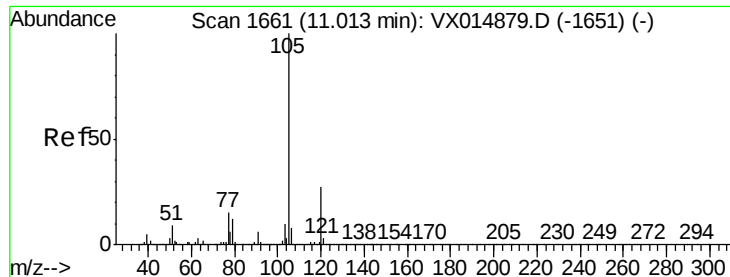


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 5.07 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

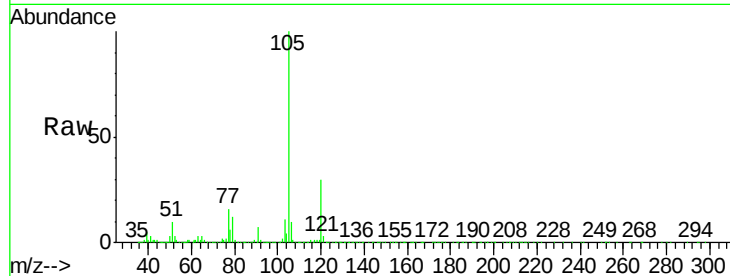
VSTDIC005

Tgt Ion: 105 Resp: 106486

Ion Ratio Lower Upper

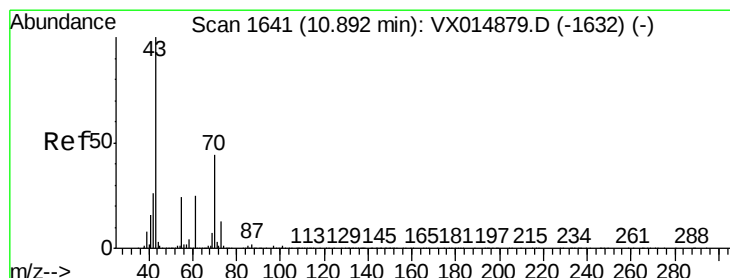
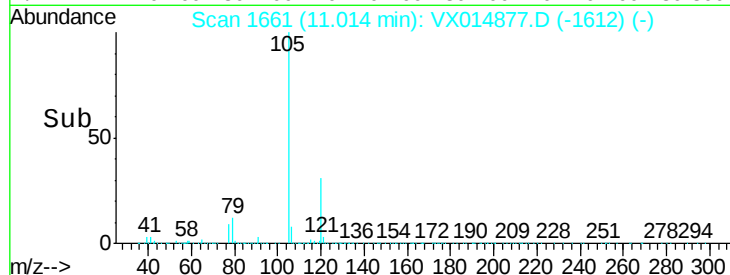
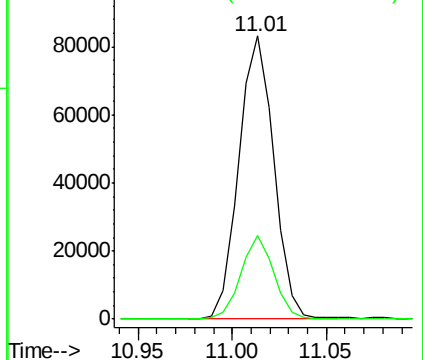
105 100

120 27.7 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: 4.70 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Tgt Ion: 43 Resp: 38913

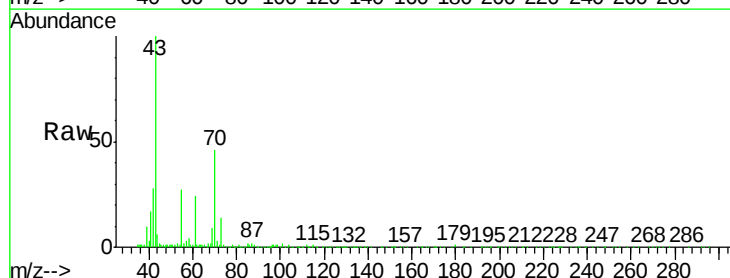
Ion Ratio Lower Upper

43 100

70 45.7 35.0 52.4

55 26.2 19.4 29.2

61 24.4 19.8 29.6

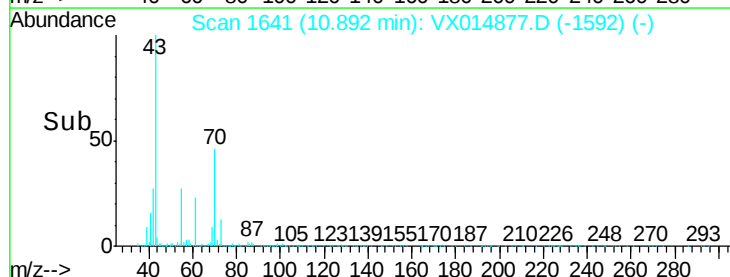
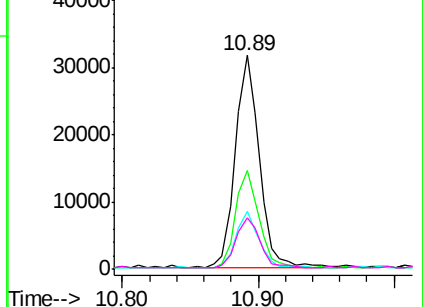


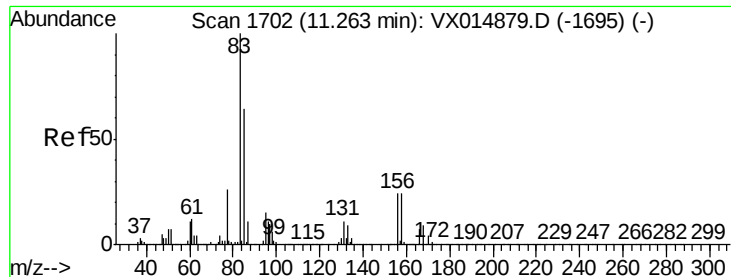
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 4.91 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

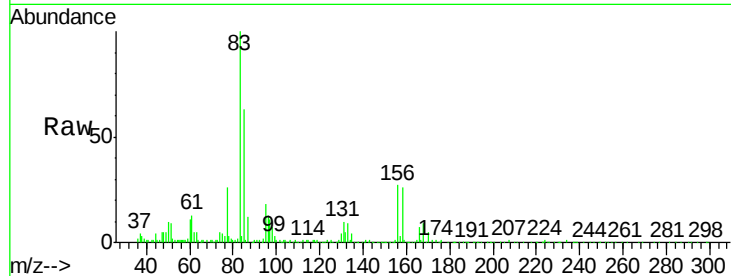
Tgt Ion: 83 Resp: 33921

Ion Ratio Lower Upper

83 100

131 12.4 5.3 16.1

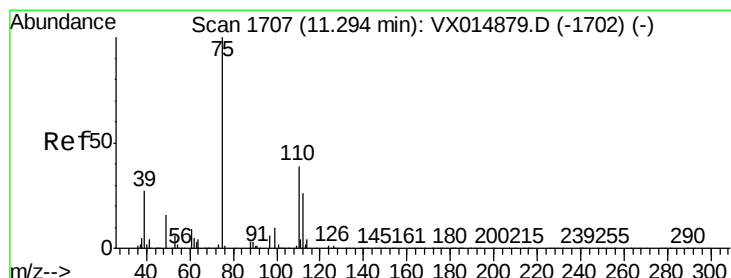
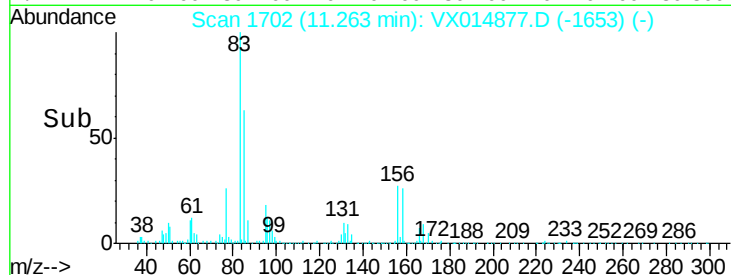
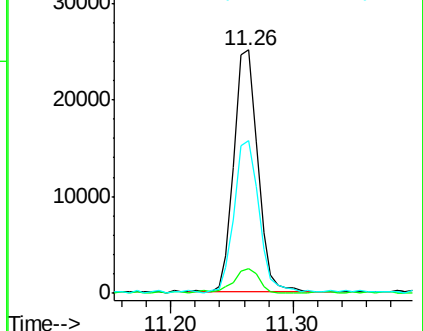
85 64.5 32.6 97.7



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: 5.13 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014877.D

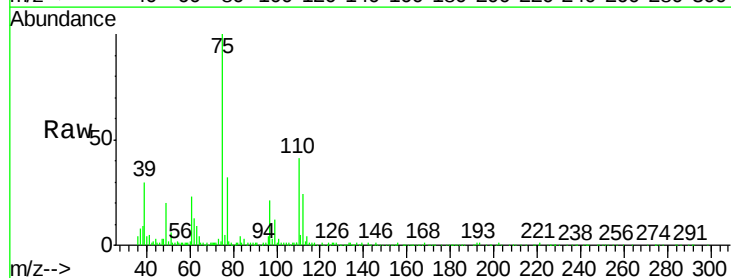
Acq: 10 Feb 2020 10:16

Tgt Ion: 75 Resp: 37312

Ion Ratio Lower Upper

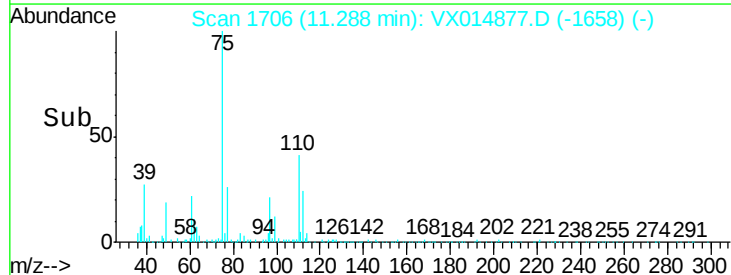
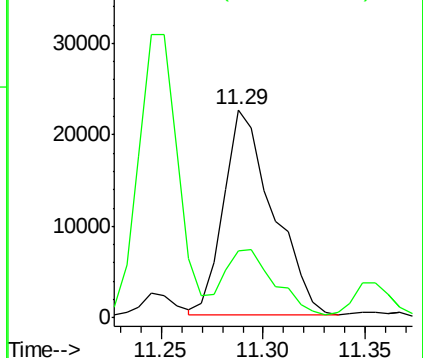
75 100

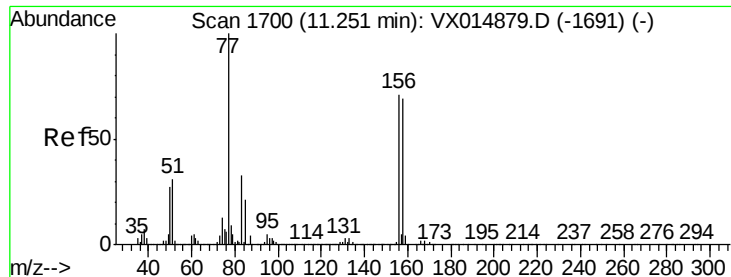
77 34.7 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.02 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

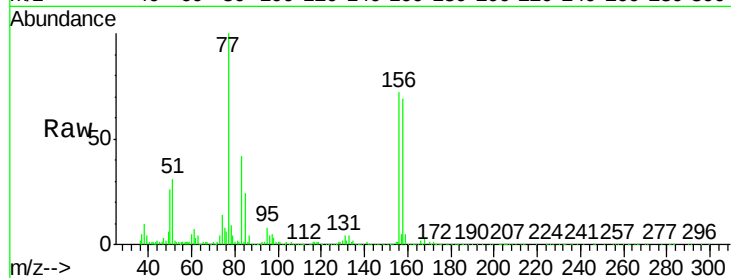
Tgt Ion:156 Resp: 29602

Ion Ratio Lower Upper

156 100

77 140.0 74.0 222.0

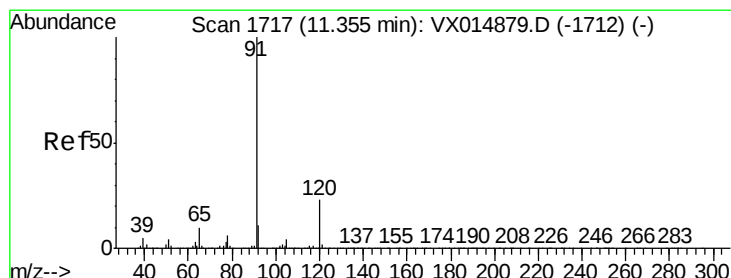
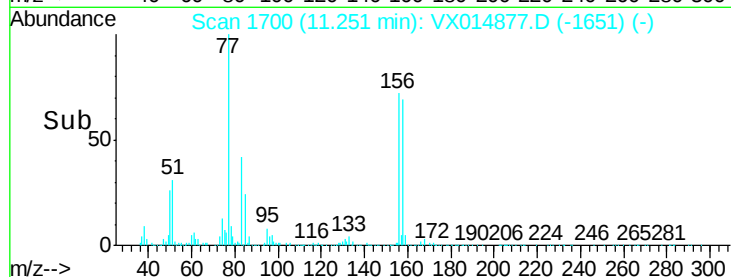
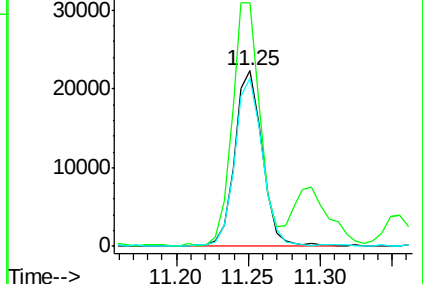
158 97.2 48.9 146.6



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: 5.02 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014877.D

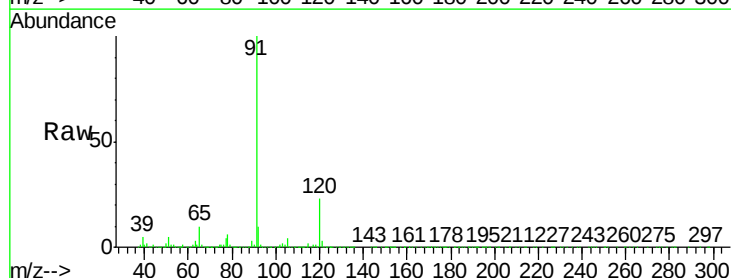
Acq: 10 Feb 2020 10:16

Tgt Ion: 91 Resp: 121496

Ion Ratio Lower Upper

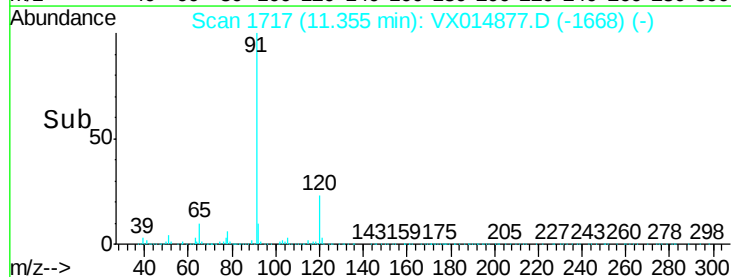
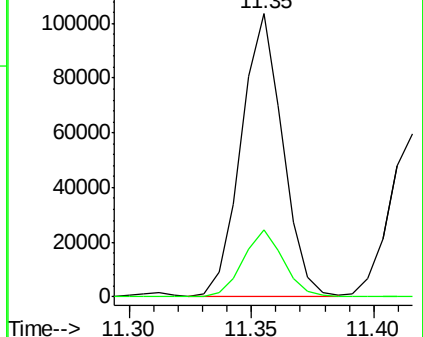
91 100

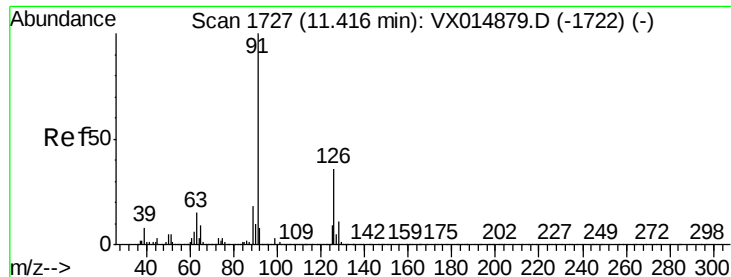
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.08 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

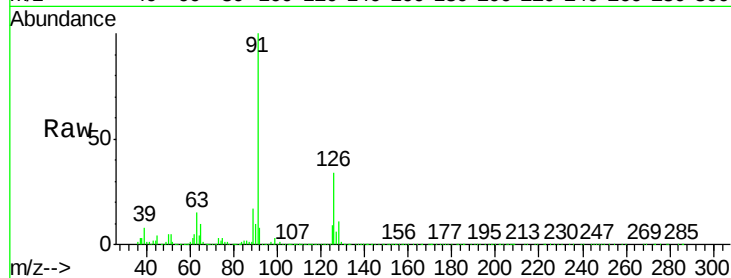
VSTDIC005

Tgt Ion: 91 Resp: 72675

Ion Ratio Lower Upper

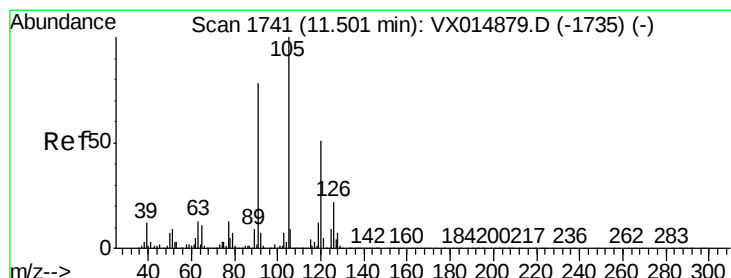
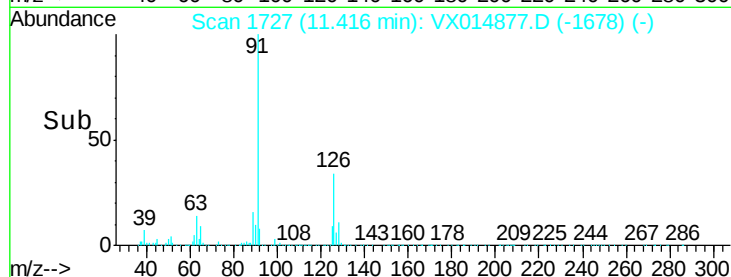
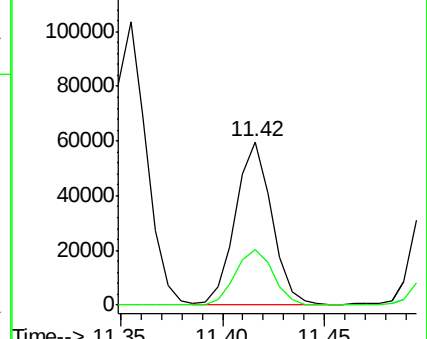
91 100

126 35.8 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VX014877.D (-1678) (-)

Ion 125.90 (125.60 to 126.60): VX014877.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 5.00 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014877.D

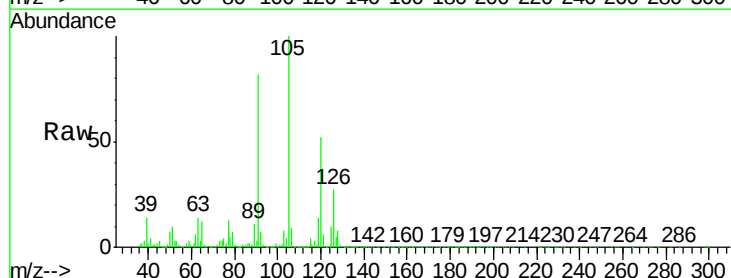
Acq: 10 Feb 2020 10:16

Tgt Ion: 105 Resp: 86122

Ion Ratio Lower Upper

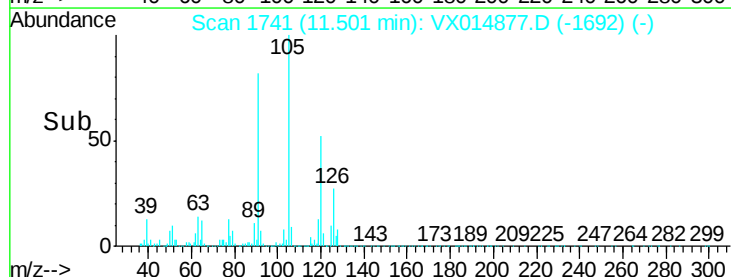
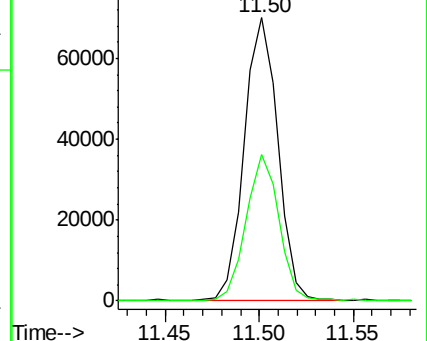
105 100

120 50.5 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VX014877.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX014877.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 4.61 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

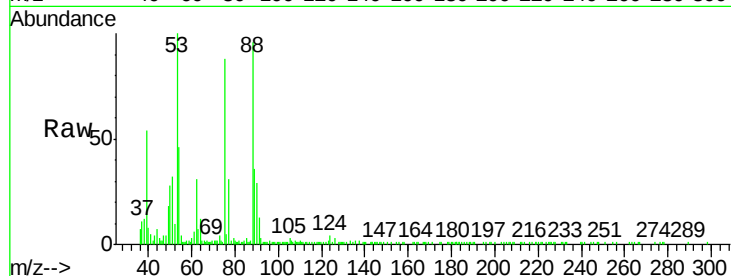
Tgt Ion: 75 Resp: 9376

Ion Ratio Lower Upper

75 100

53 113.8 76.2 114.2

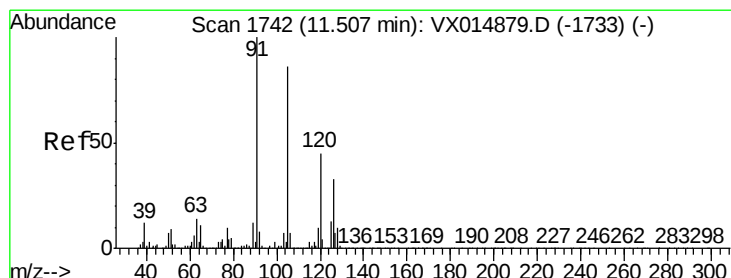
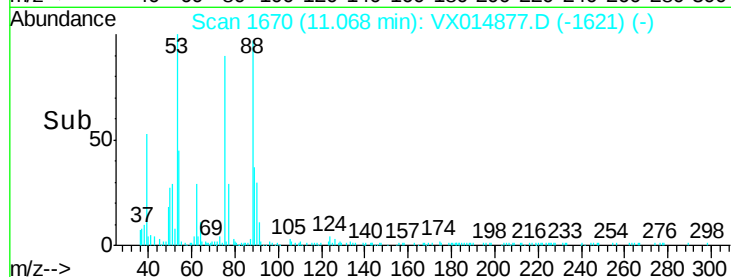
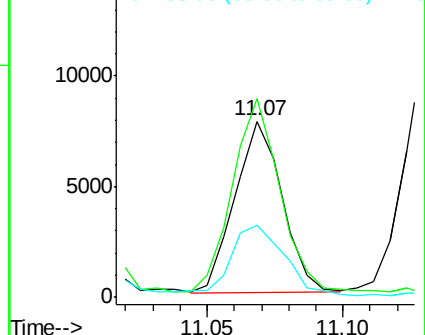
89 46.9 35.8 53.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 4.93 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014877.D

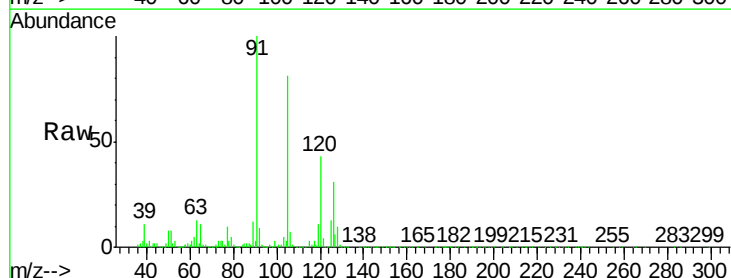
Acq: 10 Feb 2020 10:16

Tgt Ion: 91 Resp: 83114

Ion Ratio Lower Upper

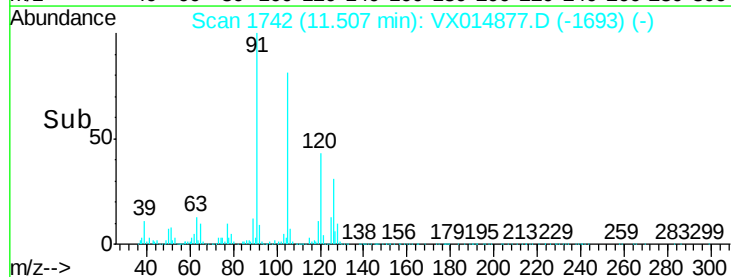
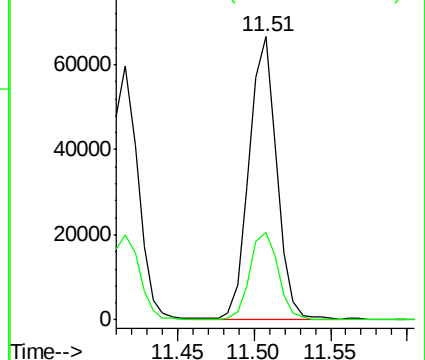
91 100

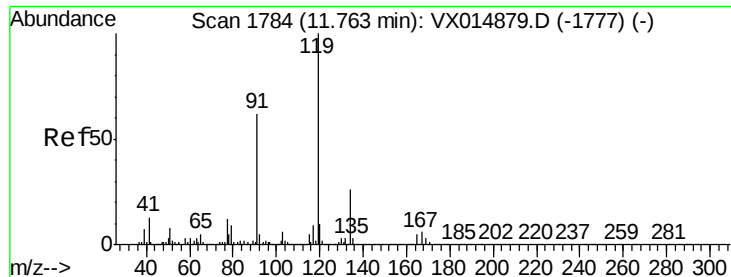
126 31.8 15.7 47.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 5.06 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

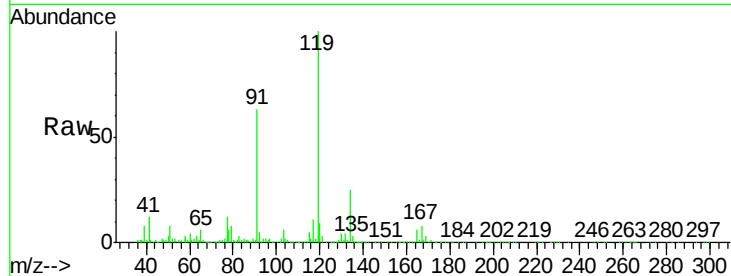
Tgt Ion:119 Resp: 83578

Ion Ratio Lower Upper

119 100

91 57.1 29.5 88.6

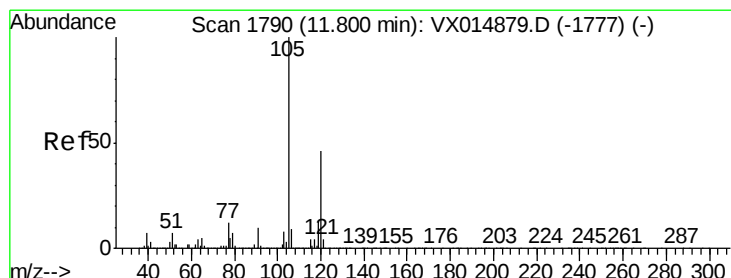
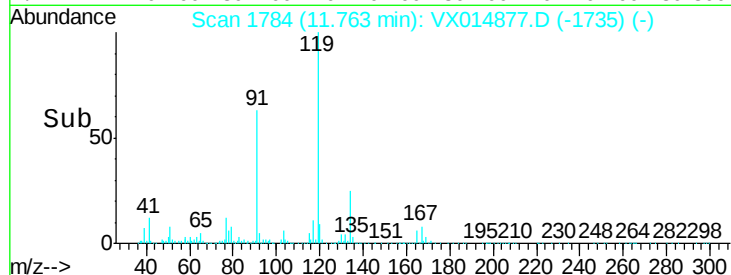
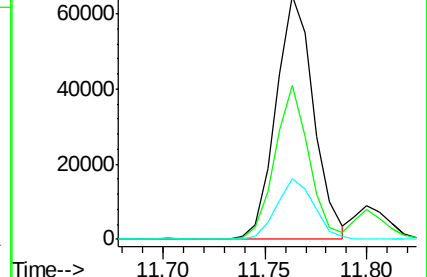
134 25.0 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 4.92 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX014877.D

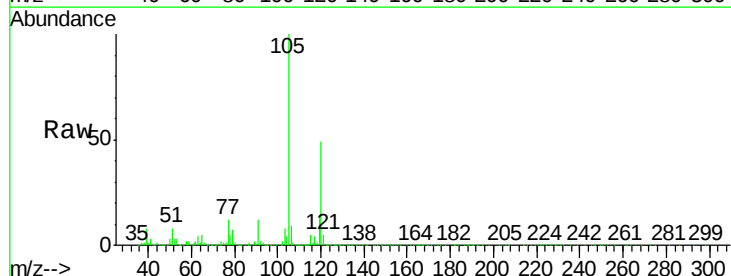
Acq: 10 Feb 2020 10:16

Tgt Ion:105 Resp: 85860

Ion Ratio Lower Upper

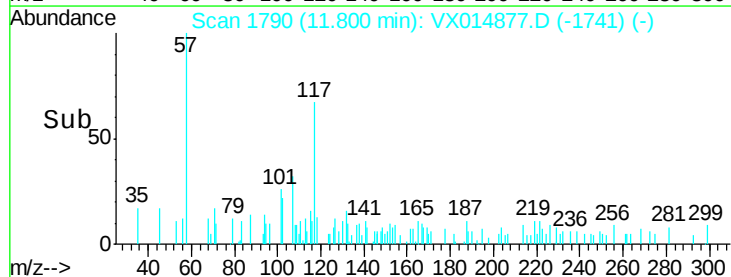
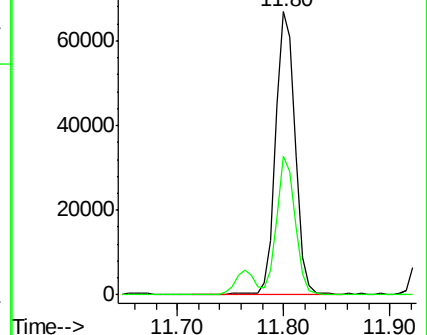
105 100

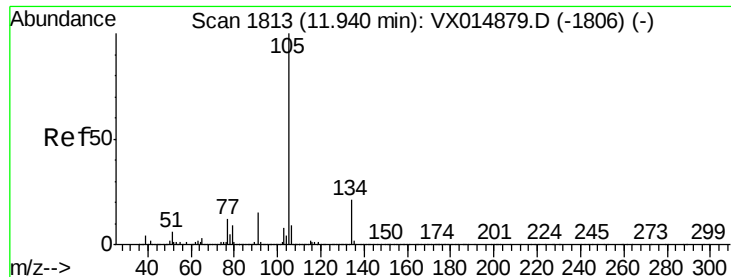
120 45.8 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

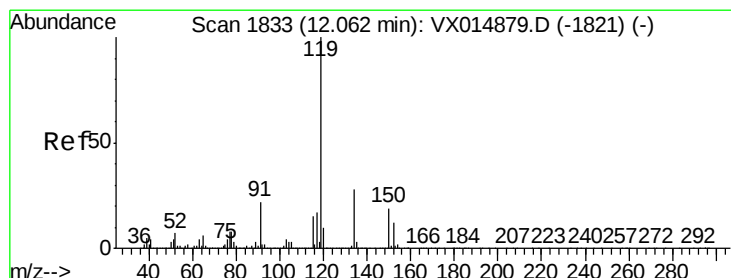
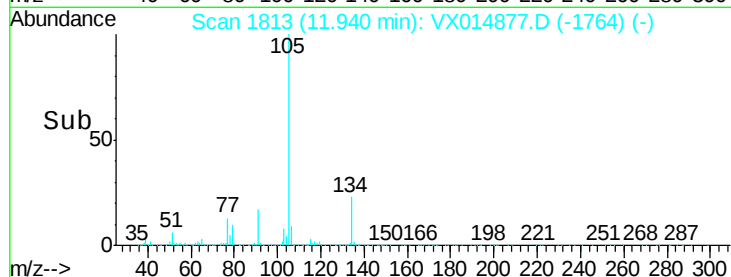
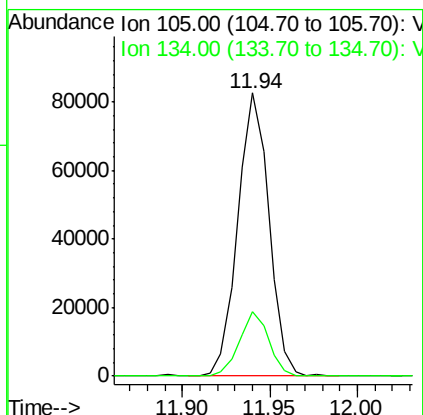
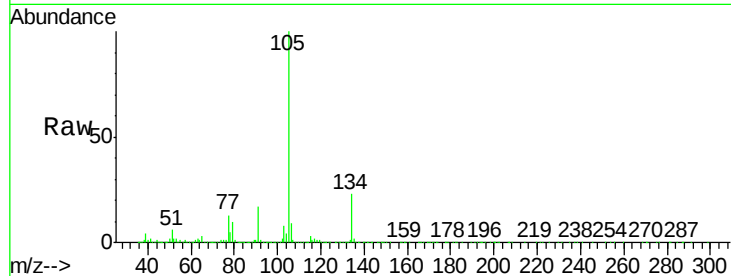




#85
 sec-Butylbenzene
 Concen: 4.97 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

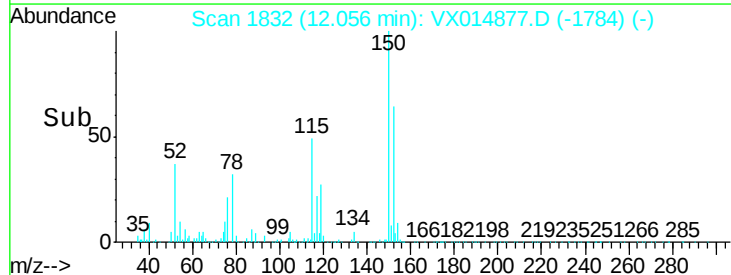
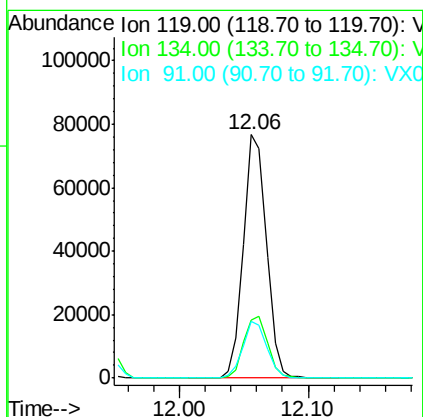
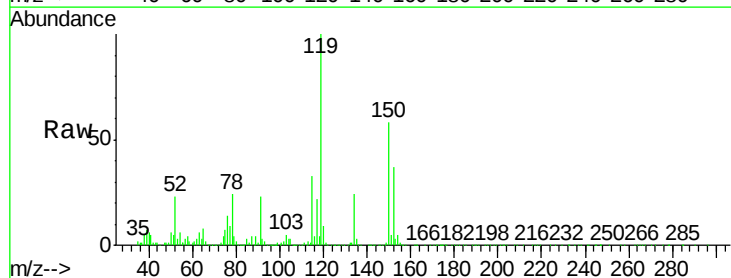
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

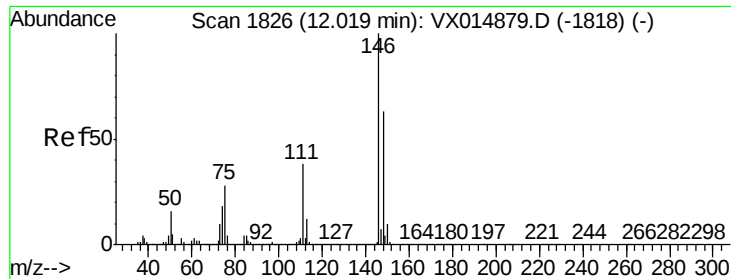
Tgt Ion:105 Resp: 101703
 Ion Ratio Lower Upper
 105 100
 134 21.5 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 4.95 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion:119 Resp: 94283
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.5 40.5
 91 24.7 11.4 34.1

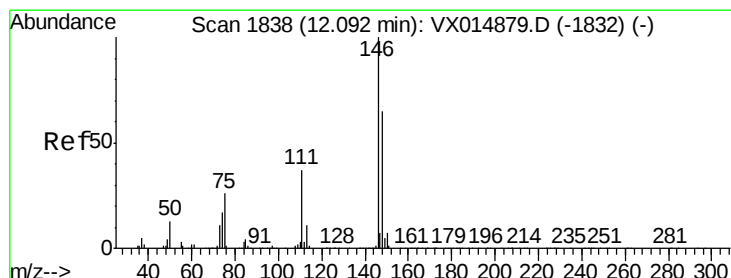
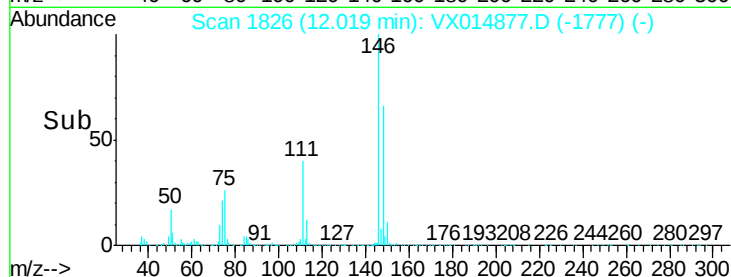
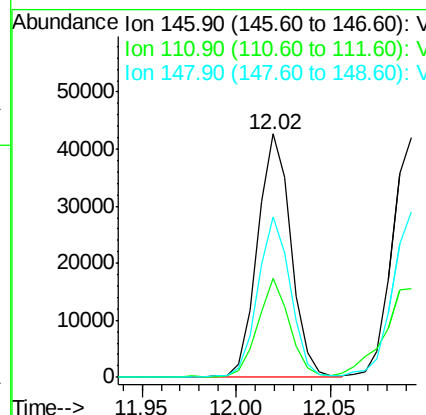
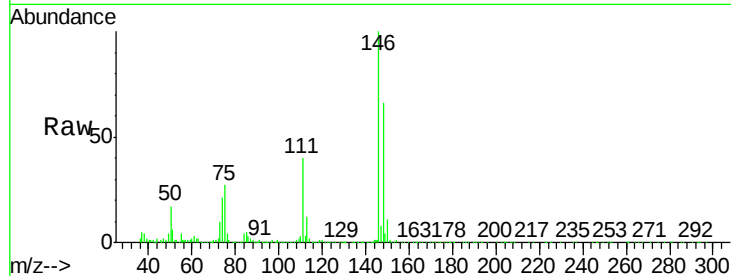




#87
 1,3-Dichlorobenzene
 Concen: 4.98 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

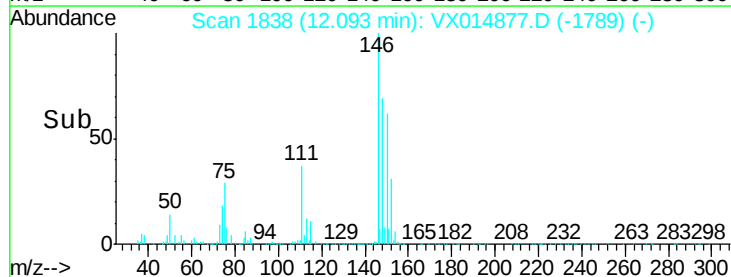
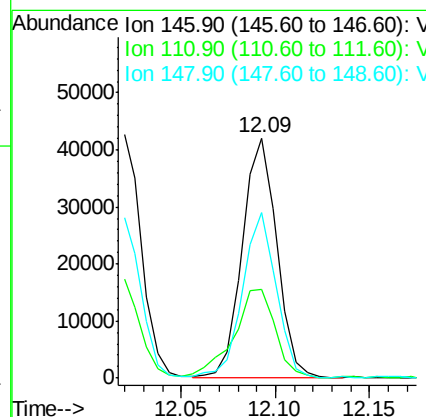
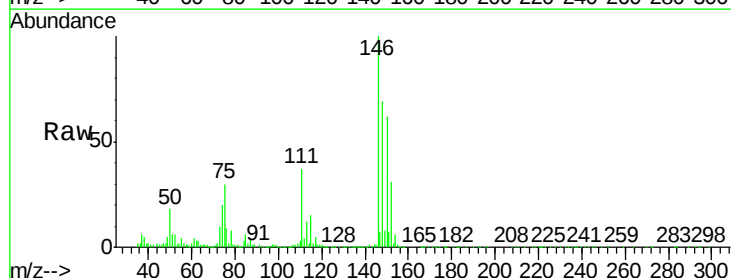
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

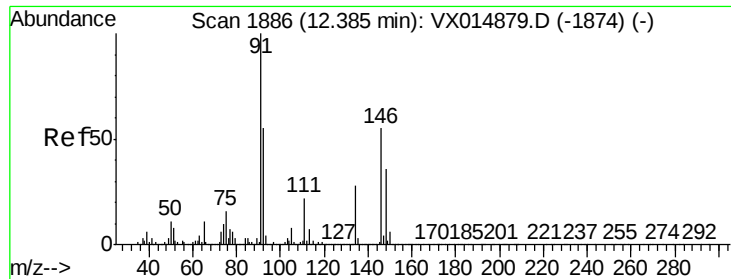
Tgt Ion:146 Resp: 52456
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.6 56.0
 148 63.9 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 5.02 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion:146 Resp: 53039
 Ion Ratio Lower Upper
 146 100
 111 44.4 18.6 55.6
 148 67.7 32.4 97.0

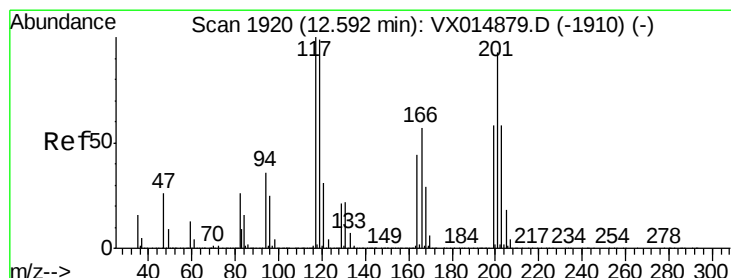
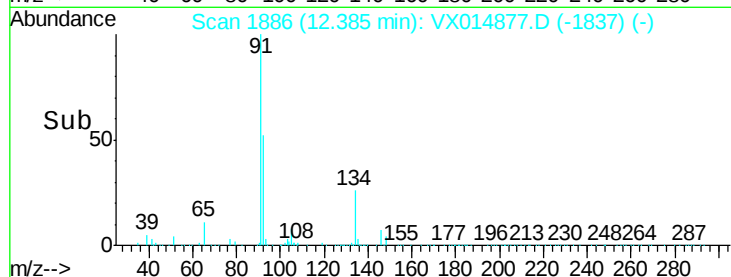
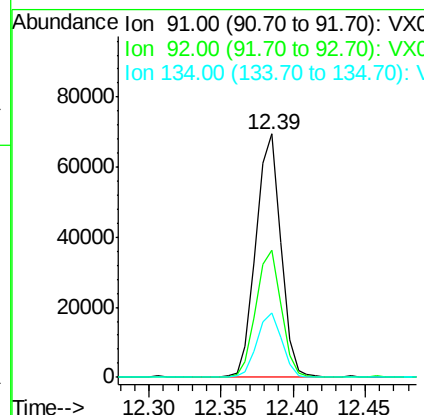
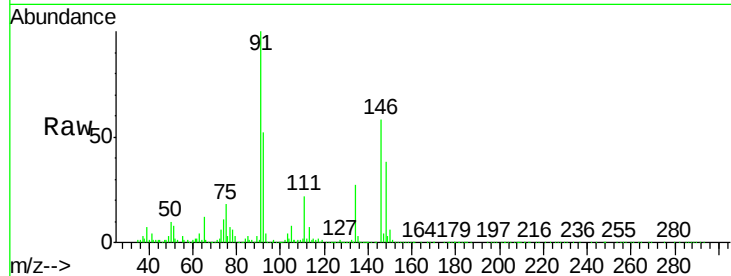




#89
n-Butylbenzene
Concen: 4.89 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

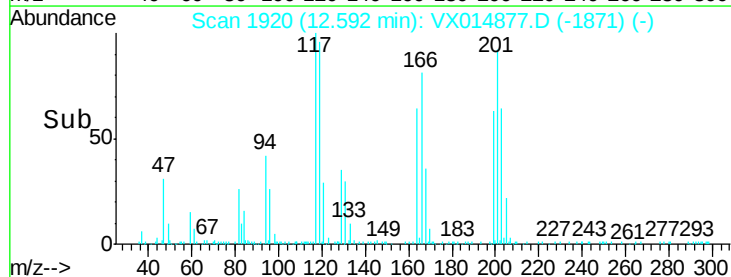
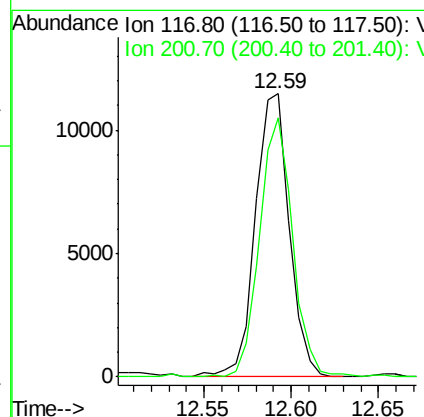
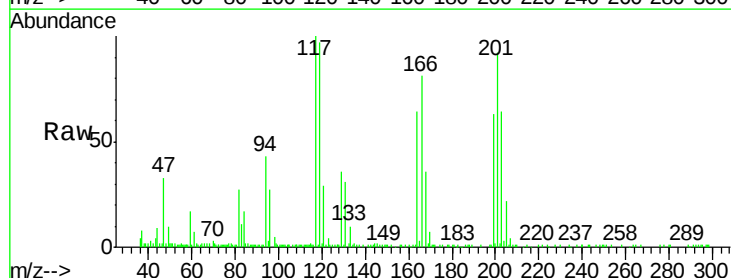
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

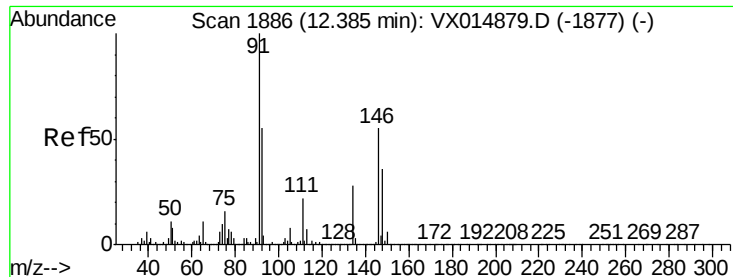
Tgt Ion: 91 Resp: 82519
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.8
134 26.6 13.8 41.4



#90
Hexachloroethane
Concen: 4.79 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014877.D
Acq: 10 Feb 2020 10:16

Tgt Ion: 117 Resp: 15554
Ion Ratio Lower Upper
117 100
201 89.7 44.8 134.3

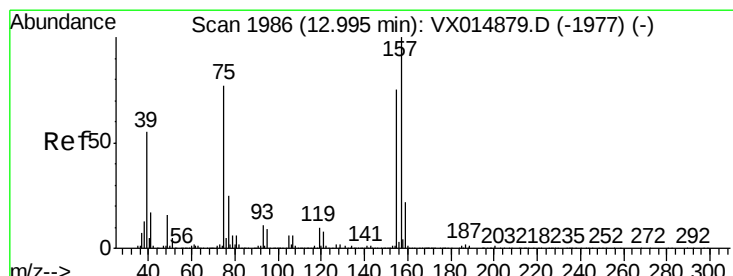
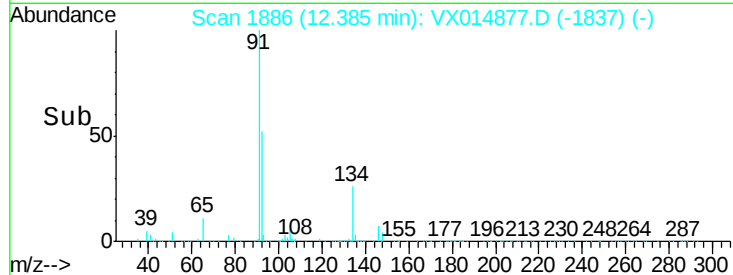
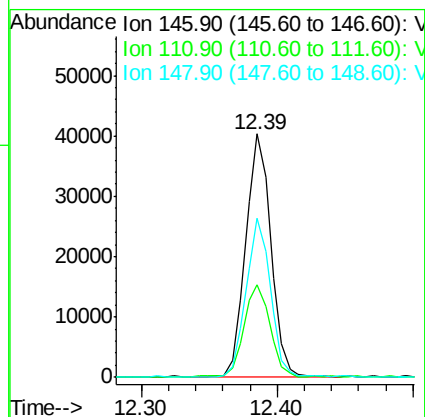
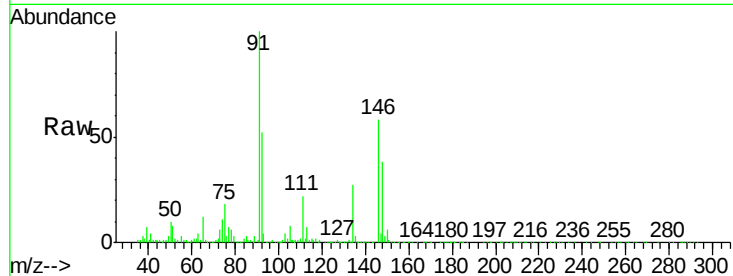




#91
 1,2-Dichlorobenzene
 Concen: 5.03 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

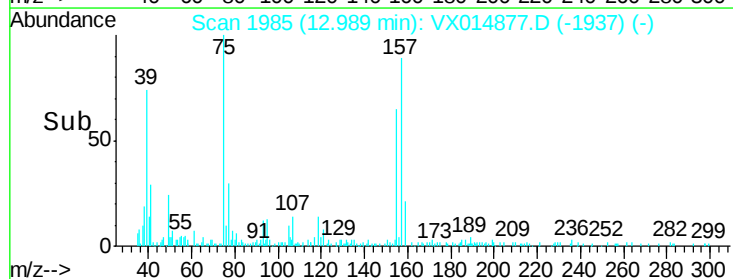
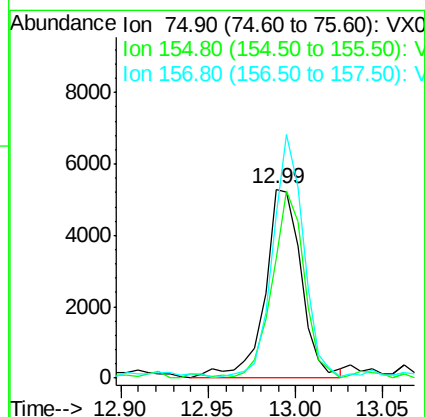
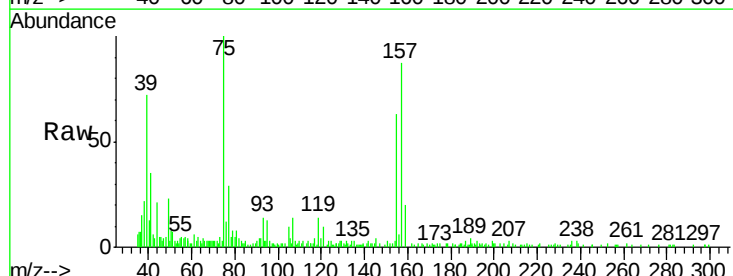
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

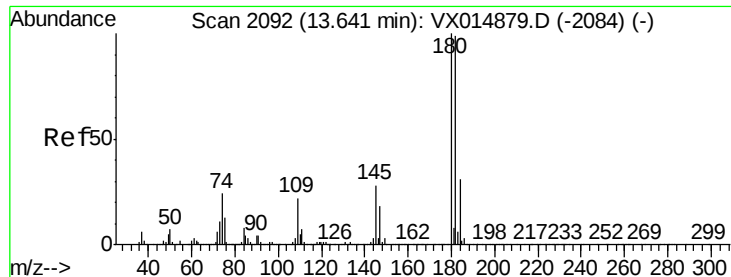
Tgt Ion: 146 Resp: 51821
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.8 59.3
 148 64.5 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.69 ug/l
 RT: 12.99 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion: 75 Resp: 7676
 Ion Ratio Lower Upper
 75 100
 155 86.8 48.6 145.9
 157 110.3 62.0 186.0

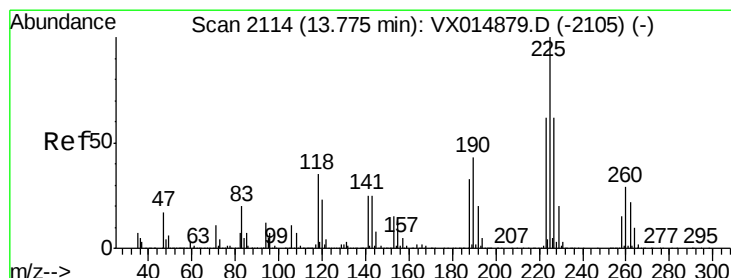
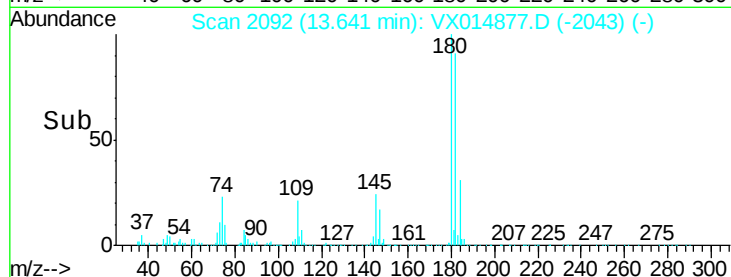
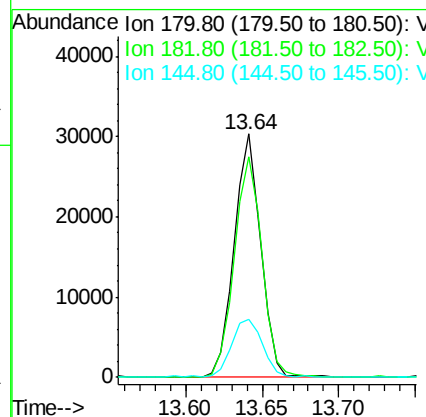
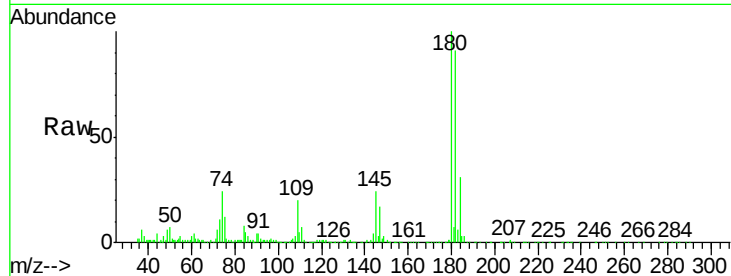




#93
 1,2,4-Trichlorobenzene
 Concen: 4.89 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

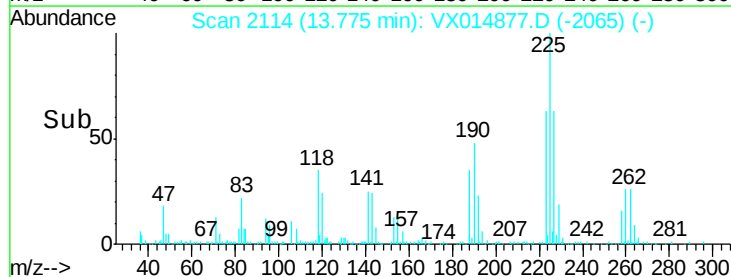
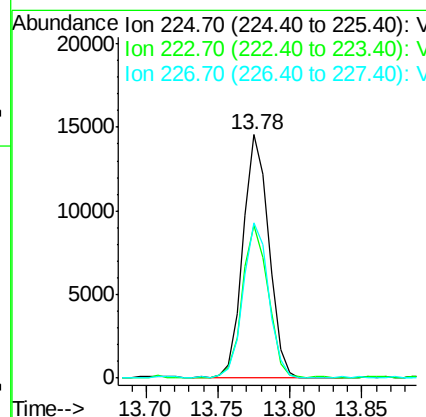
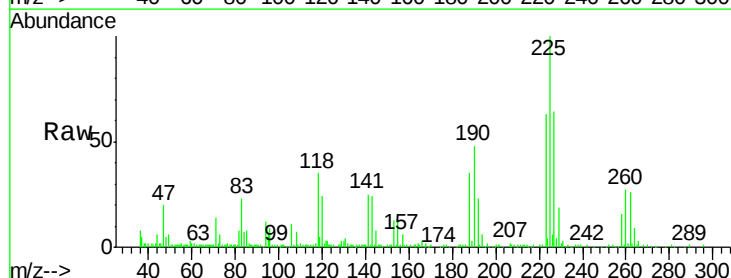
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

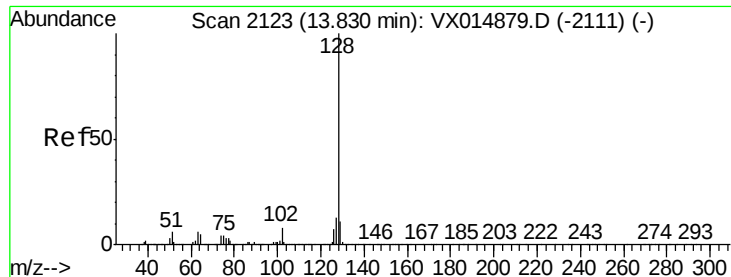
Tgt Ion:180 Resp: 36555
 Ion Ratio Lower Upper
 180 100
 182 94.4 48.4 145.3
 145 28.0 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 4.95 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014877.D
 Acq: 10 Feb 2020 10:16

Tgt Ion:225 Resp: 18232
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.2
 227 63.5 30.9 92.5





#95

Naphthalene

Concen: 4.75 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

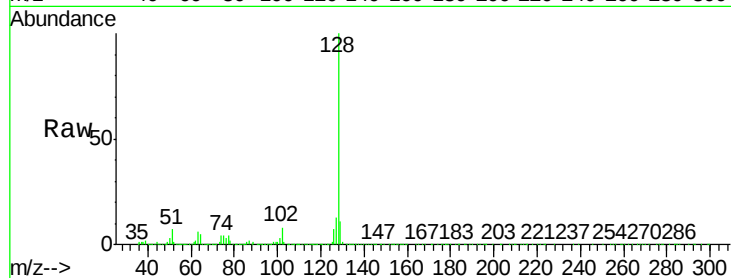
Tgt Ion:128 Resp: 91817

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

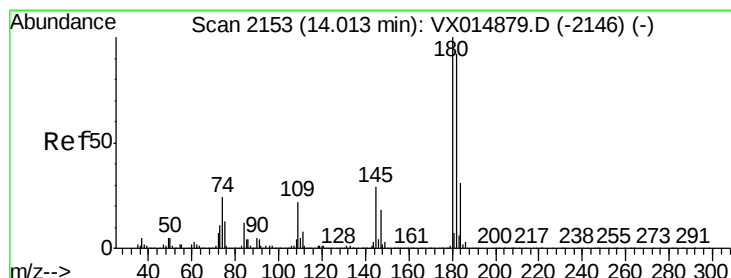
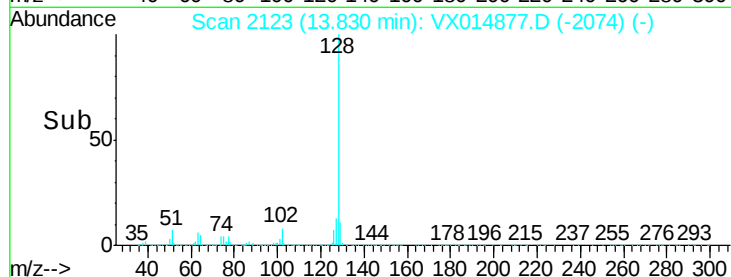
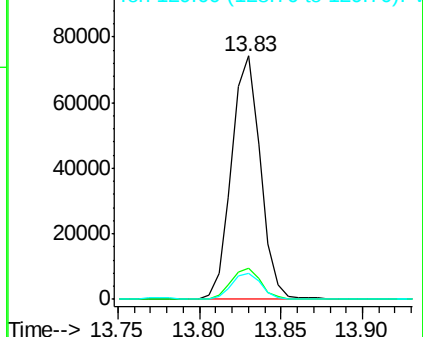
129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 4.92 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014877.D

Acq: 10 Feb 2020 10:16

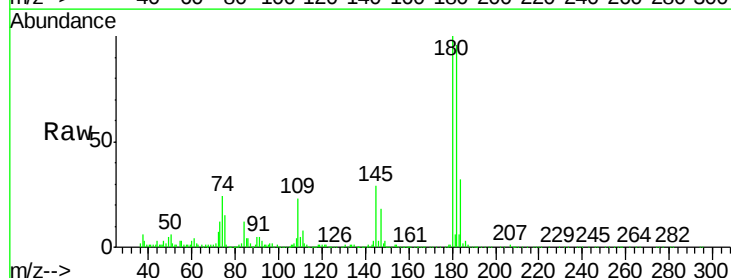
Tgt Ion:180 Resp: 35626

Ion Ratio Lower Upper

180 100

182 97.9 47.5 142.6

145 31.3 14.5 43.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

