

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
 Data File : VX014876.D
 Acq On : 10 Feb 2020 09:54
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 10 11:25:46 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	577191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	846690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	772089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	399825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	9937	1.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.70%	
35) Dibromofluoromethane	5.48	113	8939	1.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.92%	
50) Toluene-d8	8.71	98	23712	1.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.30%	
62) 4-Bromofluorobenzene	11.14	95	7242	1.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	4492	0.85	ug/l	91
3) Chloromethane	1.32	50	5835	0.96	ug/l #	87
4) Vinyl Chloride	1.41	62	6507	0.99	ug/l #	88
5) Bromomethane	1.64	94	4895	1.17	ug/l	93
6) Chloroethane	1.73	64	4290	1.00	ug/l	98
7) Trichlorofluoromethane	1.93	101	8929	0.96	ug/l	93
8) Diethyl Ether	2.18	74	3860	1.00	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	5651	1.03	ug/l	97
10) Methyl Iodide	2.51	142	2254	0.51	ug/l #	86
11) Tert butyl alcohol	3.01	59	5255	4.67	ug/l #	79
12) 1,1-Dichloroethene	2.37	96	4776	0.91	ug/l	94
13) Acrolein	2.28	56	4149	4.78	ug/l	93
14) Allyl chloride	2.72	41	10203	1.09	ug/l	95
15) Acrylonitrile	3.13	53	13236	4.61	ug/l	98
16) Acetone	2.43	43	25047	6.18	ug/l	98
17) Carbon Disulfide	2.56	76	14199	0.98	ug/l	95
18) Methyl Acetate	2.76	43	5907	0.92	ug/l #	69
19) Methyl tert-butyl Ether	3.18	73	16049	0.95	ug/l	97
20) Methylene Chloride	2.84	84	7527	1.17	ug/l #	94
21) trans-1,2-Dichloroethene	3.16	96	5689	0.98	ug/l #	86
22) Diisopropyl ether	3.84	45	16281	0.92	ug/l #	87
23) Vinyl Acetate	3.80	43	63567	4.34	ug/l	95
24) 1,1-Dichloroethane	3.69	63	9586	0.95	ug/l #	88
25) 2-Butanone	4.67	43	20379	4.64	ug/l	99
26) 2,2-Dichloropropane	4.58	77	8707	1.01	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	6124	0.95	ug/l	90
28) Bromochloromethane	4.99	49	1469	0.44	ug/l #	1
29) Tetrahydrofuran	5.12	42	10079	4.10	ug/l	92
31) Cyclohexane	5.57	56	7757	0.88	ug/l #	80
32) 1,1,1-Trichloroethane	5.48	97	8082	0.94	ug/l #	49
36) 1,1-Dichloropropene	5.79	75	6956	0.93	ug/l	92
37) Ethyl Acetate	4.83	43	7144	0.92	ug/l #	81
38) Carbon Tetrachloride	5.78	117	6267	0.87	ug/l #	81
39) Methylcyclohexane	7.46	83	9460	1.01	ug/l #	85

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Feb 10 11:25:46 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)
40) Benzene	6.14	78	21185	0.94	ug/l	95
41) Methacrylonitrile	5.03	41	3281	0.80	ug/l #	80
42) 1,2-Dichloroethane	6.18	62	7840	0.95	ug/l	94
43) Isopropyl Acetate	6.43	43	11269	0.89	ug/l #	83
44) Trichloroethene	7.20	130	6464	0.99	ug/l	87
45) 1,2-Dichloropropane	7.51	63	5156	0.90	ug/l #	86
46) Dibromomethane	7.65	93	3956	1.01	ug/l	91
47) Bromodichloromethane	7.89	83	7580	0.99	ug/l #	93
48) Methyl methacrylate	7.76	41	4944	0.81	ug/l #	83
49) 1,4-Dioxane	7.73	88	2610	21.96	ug/l #	82
51) 4-Methyl-2-Pentanone	8.64	43	32694	4.27	ug/l	100
52) Toluene	8.78	92	12821	0.90	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	6788	0.83	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	8738	0.95	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	5313	0.92	ug/l	91
56) Ethyl methacrylate	9.17	69	6911	0.84	ug/l	98
57) 1,3-Dichloropropane	9.36	76	9338	0.96	ug/l #	87
58) 2-Chloroethyl Vinyl ether	8.31	63	21011	4.69	ug/l	92
59) 2-Hexanone	9.48	43	24282	4.06	ug/l	96
60) Dibromochloromethane	9.57	129	5183	0.87	ug/l	91
61) 1,2-Dibromoethane	9.67	107	6050	0.97	ug/l	92
64) Tetrachloroethene	9.33	164	6829	0.96	ug/l	91
65) Chlorobenzene	10.14	112	15689	1.00	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	5051	0.91	ug/l #	59
67) Ethyl Benzene	10.25	91	24134	0.92	ug/l	99
68) m/p-Xylenes	10.35	106	19179	1.91	ug/l	92
69) o-Xylene	10.69	106	9172	0.95	ug/l	99
70) Styrene	10.71	104	13908	0.87	ug/l	93
71) Bromoform	10.85	173	3983	0.89	ug/l #	88
73) Isopropylbenzene	11.01	105	21774	0.87	ug/l	95
74) N-amyl acetate	10.89	43	7983	0.81	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	8449	1.03	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	8068	0.93	ug/l	96
77) Bromobenzene	11.25	156	6999	1.00	ug/l	90
78) n-propylbenzene	11.35	91	25733	0.90	ug/l	100
79) 2-Chlorotoluene	11.42	91	15667	0.92	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	17124	0.84	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	1707	0.71	ug/l #	47
82) 4-Chlorotoluene	11.51	91	19016	0.95	ug/l	100
83) tert-Butylbenzene	11.76	119	17924	0.91	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	18263	0.88	ug/l	92
85) sec-Butylbenzene	11.94	105	22161	0.91	ug/l	97
86) p-Isopropyltoluene	12.06	119	20602	0.91	ug/l	95
87) 1,3-Dichlorobenzene	12.02	146	12213	0.98	ug/l	96
88) 1,4-Dichlorobenzene	12.02	146	12213	0.97	ug/l	97
89) n-Butylbenzene	12.38	91	17897	0.89	ug/l	98
90) Hexachloroethane	12.59	117	3596	0.93	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	11969	0.98	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2292	1.18	ug/l	83
93) 1,2,4-Trichlorobenzene	13.64	180	8591	0.97	ug/l	98

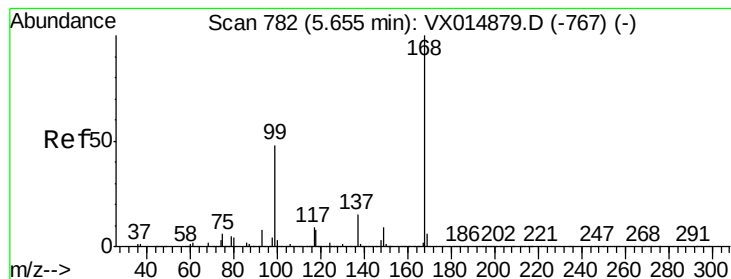
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
Data File : VX014876.D
Acq On : 10 Feb 2020 09:54
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Feb 10 11:25:46 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)
94) Hexachlorobutadiene	13.78	225	4427	1.01	ug/l	90
95) Naphthalene	13.83	128	18270	0.79	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.01	180	7980	0.93	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

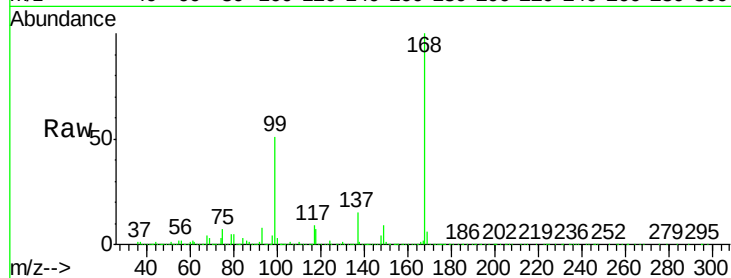
VSTDIC001

Tgt Ion:168 Resp: 577191

Ion Ratio Lower Upper

168 100

99 51.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

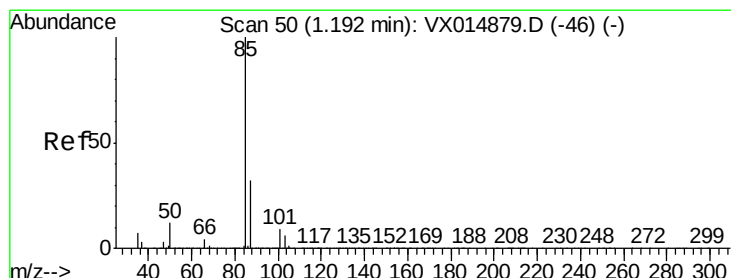
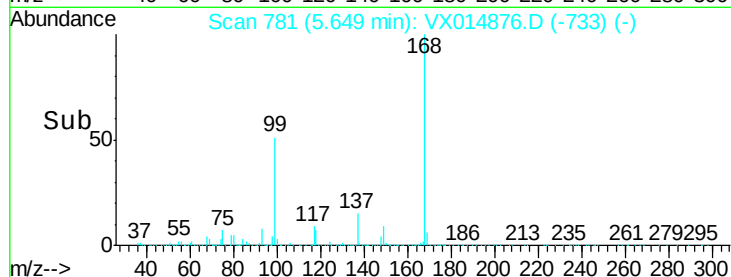
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.85 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014876.D

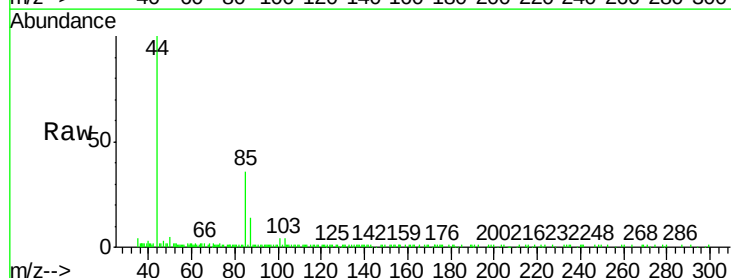
Acq: 10 Feb 2020 09:54

Tgt Ion: 85 Resp: 4492

Ion Ratio Lower Upper

85 100

87 36.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

5000

4000

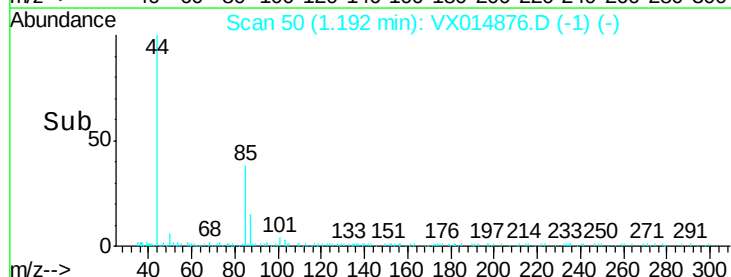
3000

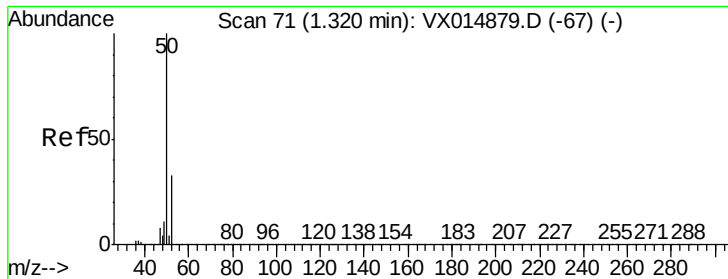
2000

1000

0

Time-->

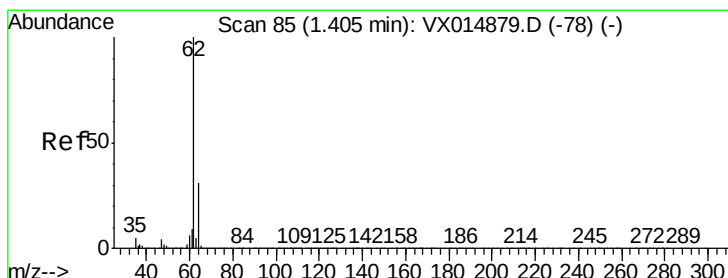
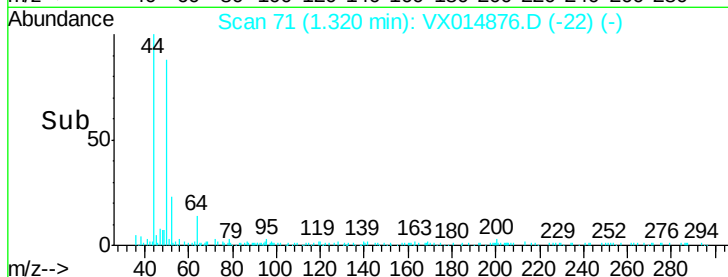
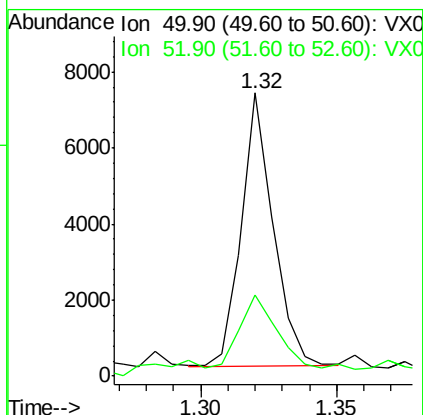
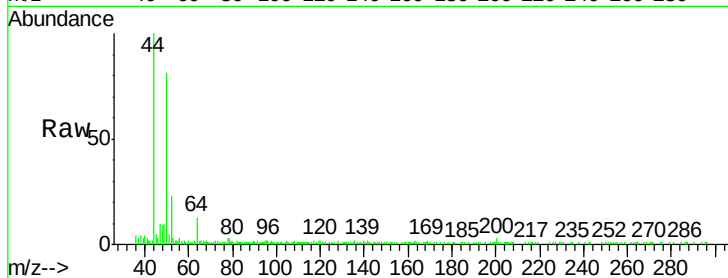




#3
Chloromethane
Concen: 0.96 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

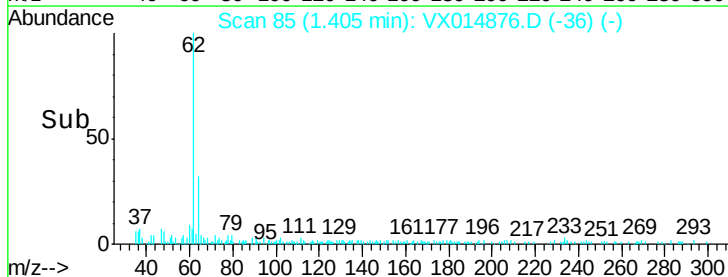
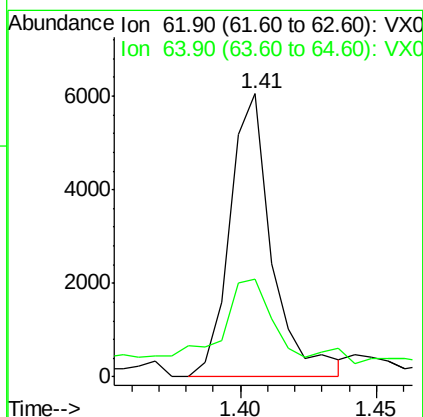
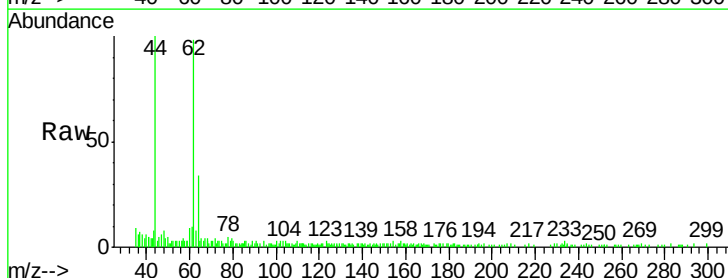
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

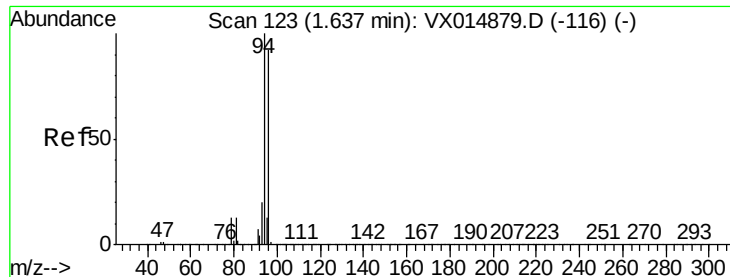
Tgt Ion: 50 Resp: 5835
Ion Ratio Lower Upper
50 100
52 25.6 26.2 39.2#



#4
Vinyl Chloride
Concen: 0.99 ug/l
RT: 1.41 min Scan# 85
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion: 62 Resp: 6507
Ion Ratio Lower Upper
62 100
64 24.3 24.8 37.2#





#5

Bromomethane

Concen: 1.17 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

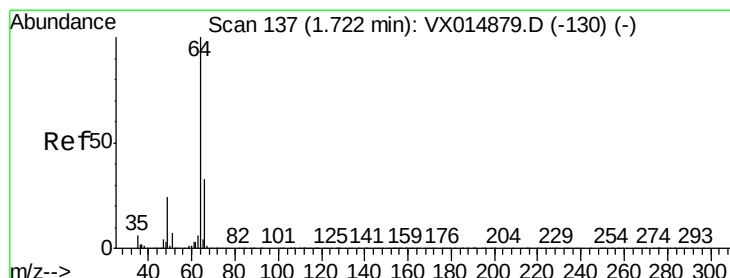
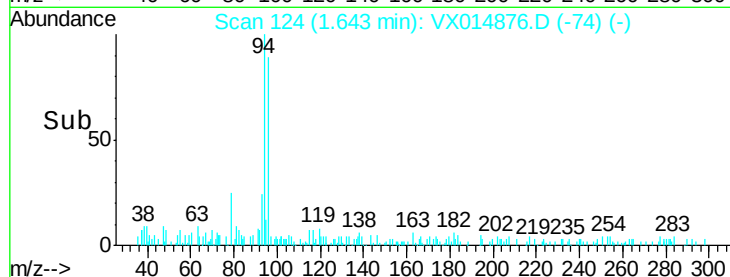
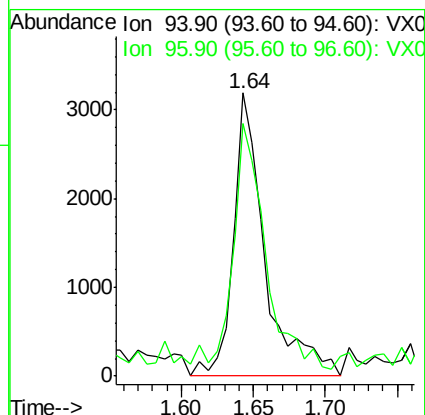
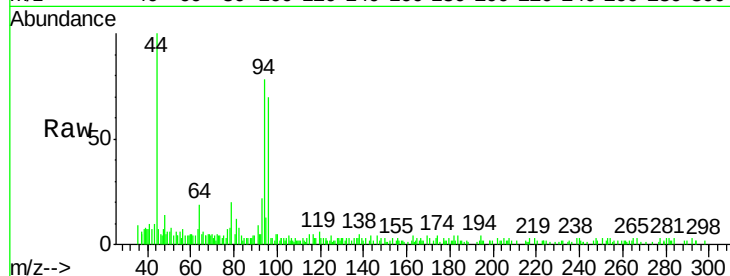
VSTDIC001

Tgt Ion: 94 Resp: 4895

Ion Ratio Lower Upper

94 100

96 85.3 73.7 110.5



#6

Chloroethane

Concen: 1.00 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014876.D

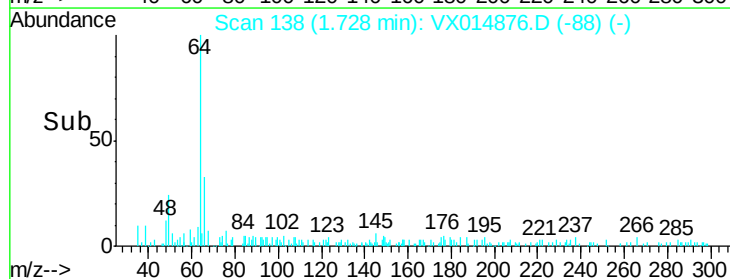
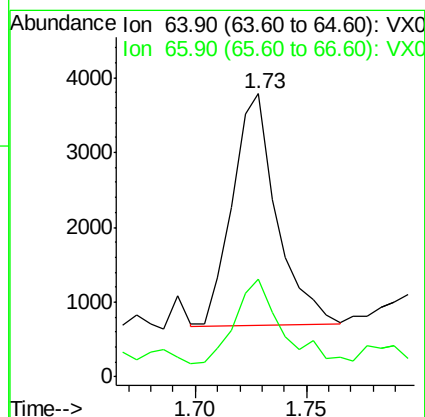
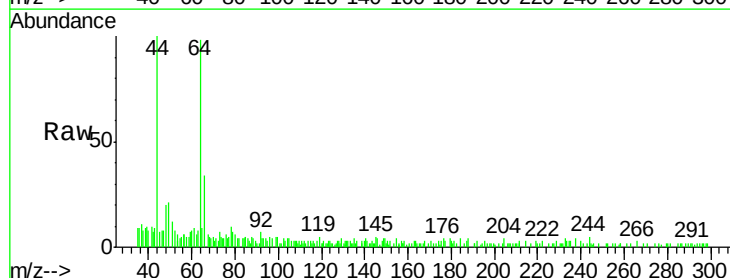
Acq: 10 Feb 2020 09:54

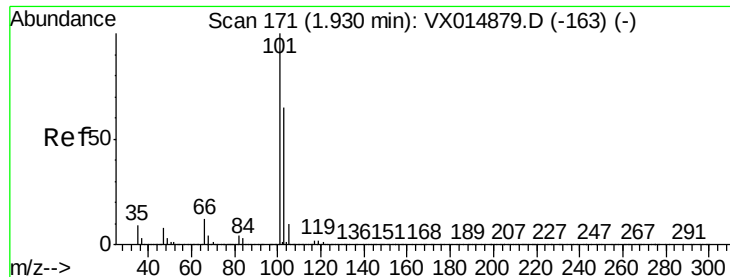
Tgt Ion: 64 Resp: 4290

Ion Ratio Lower Upper

64 100

66 33.9 26.2 39.4



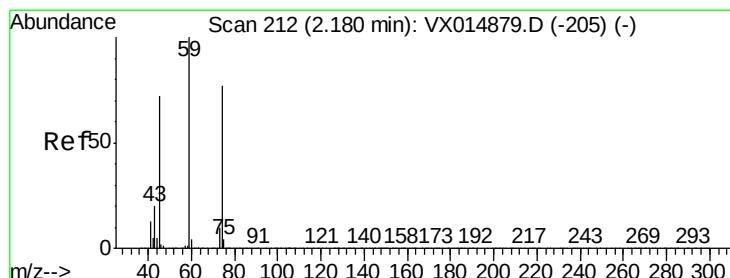
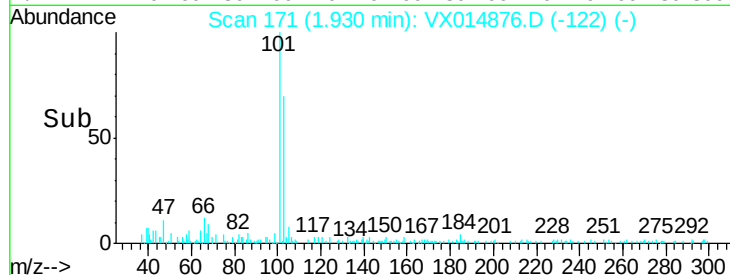
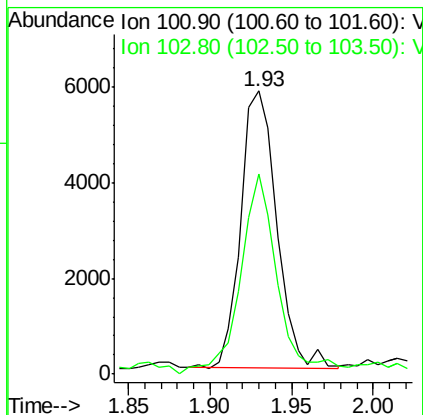
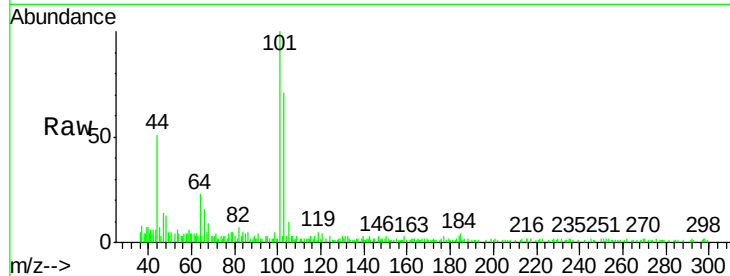


#7

Trichlorofluoromethane
Concen: 0.96 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

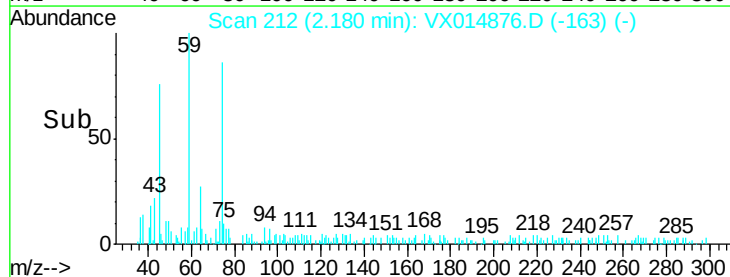
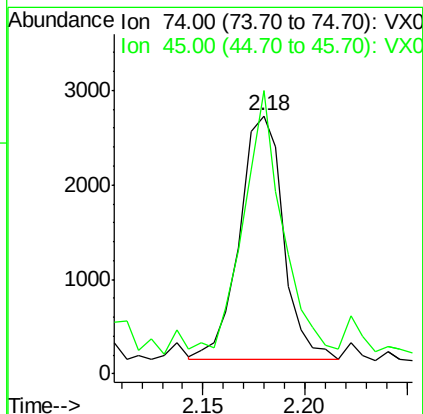
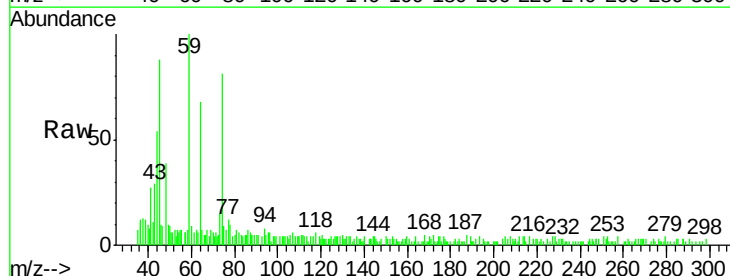
Tgt Ion:101 Resp: 8929
Ion Ratio Lower Upper
101 100
103 70.6 52.2 78.4

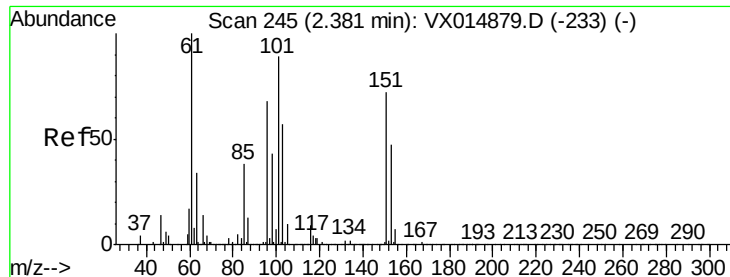


#8

Diethyl Ether
Concen: 1.00 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion: 74 Resp: 3860
Ion Ratio Lower Upper
74 100
45 96.7 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.03 ug/l

RT: 2.39 min Scan# 246

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

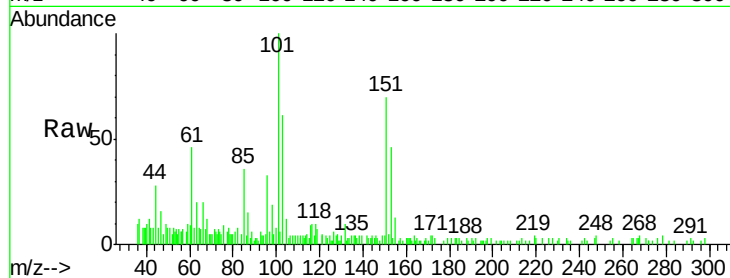
Tgt Ion:101 Resp: 5651

Ion Ratio Lower Upper

101 100

85 39.6 34.1 51.1

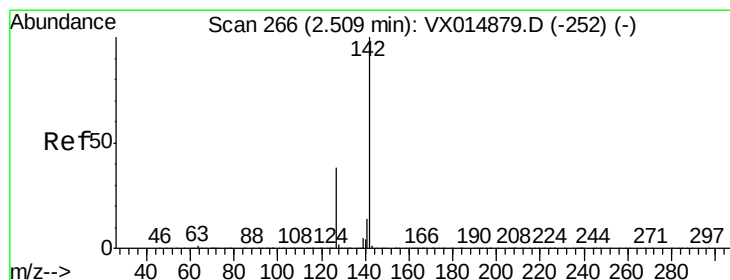
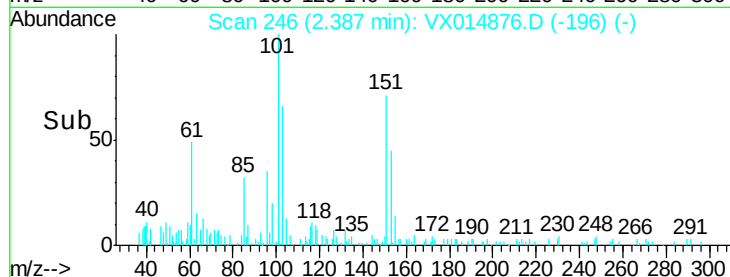
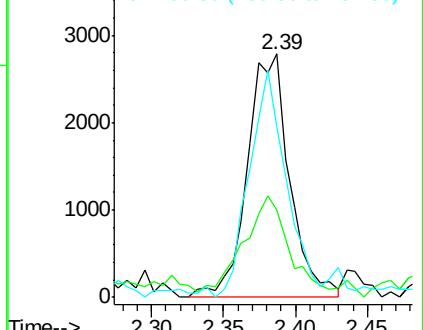
151 82.1 67.3 100.9



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: 0.51 ug/l

RT: 2.51 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

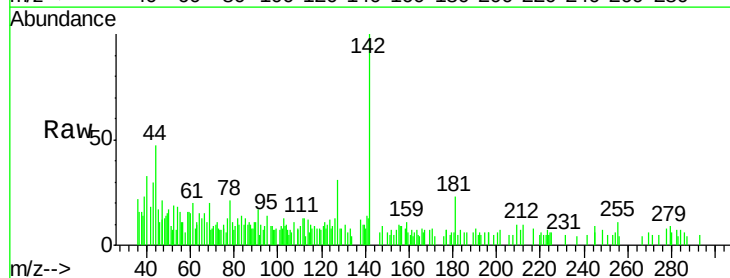
Tgt Ion:142 Resp: 2254

Ion Ratio Lower Upper

142 100

127 41.8 31.1 46.7

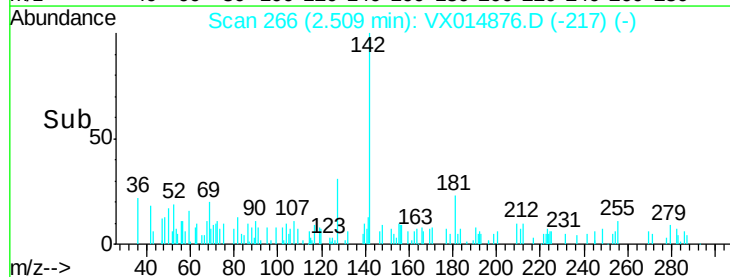
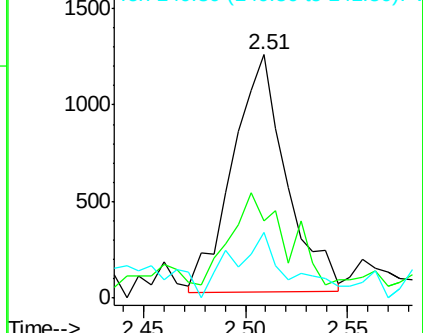
141 29.8 11.3 16.9#

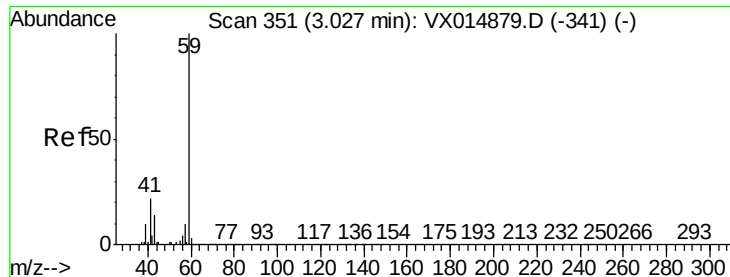


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



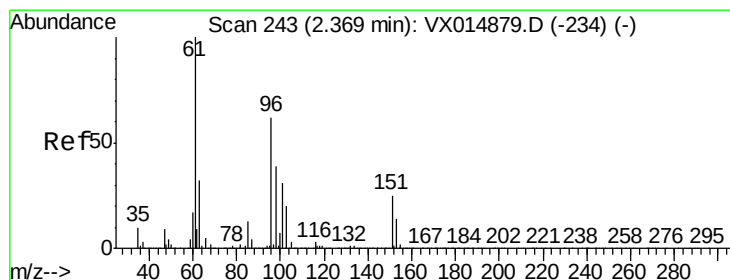
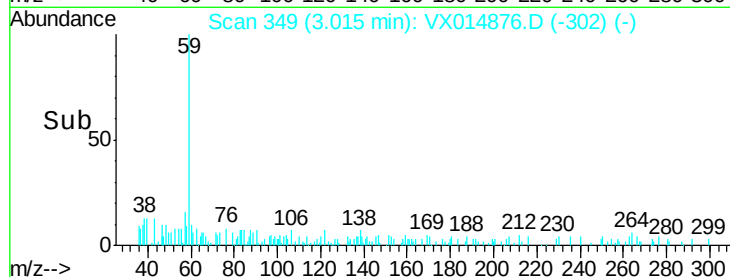
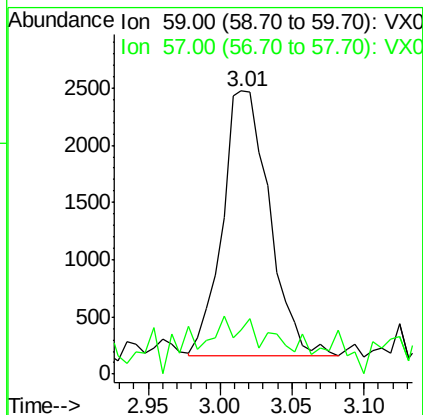
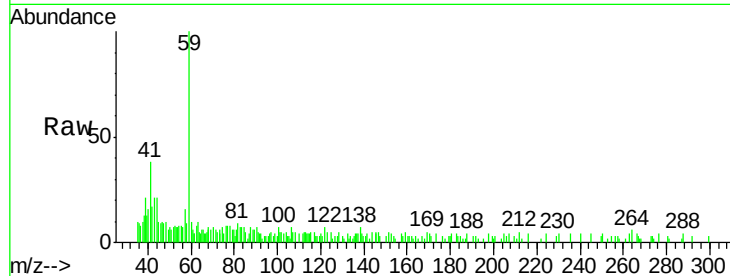


#11

Tert butyl alcohol
Concen: 4.67 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

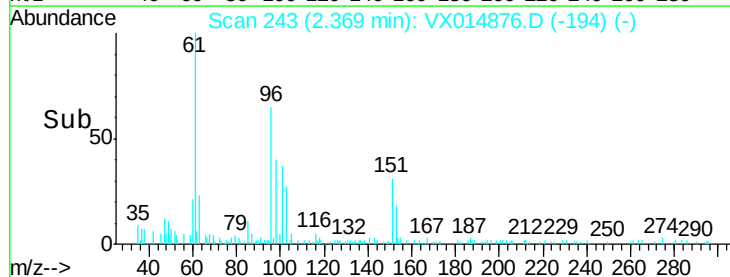
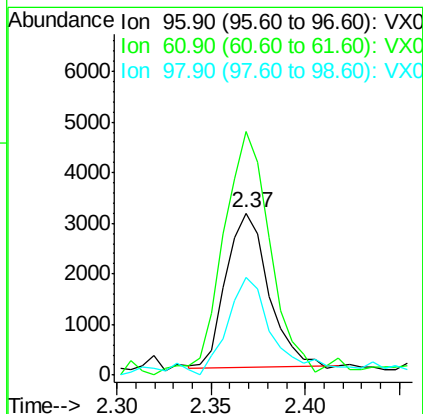
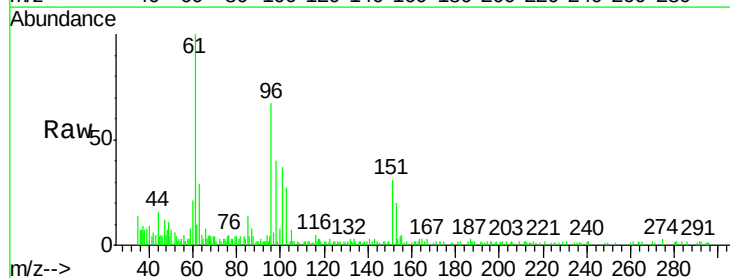
Tgt Ion: 59 Resp: 5255
Ion Ratio Lower Upper
59 100
57 2.4 8.2 12.4#

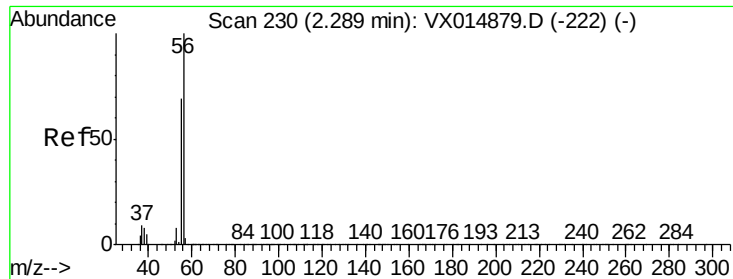


#12

1,1-Dichloroethene
Concen: 0.91 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion: 96 Resp: 4776
Ion Ratio Lower Upper
96 100
61 152.7 129.5 194.3
98 60.0 50.6 76.0





#13

Acrolein

Concen: 4.78 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

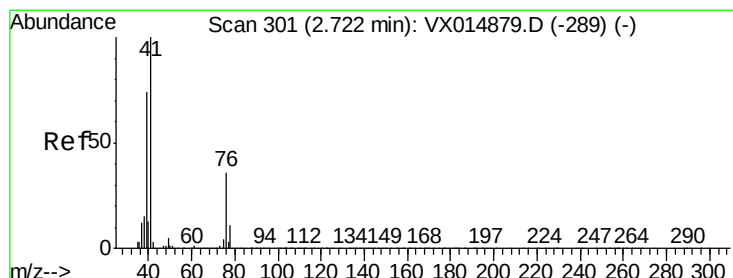
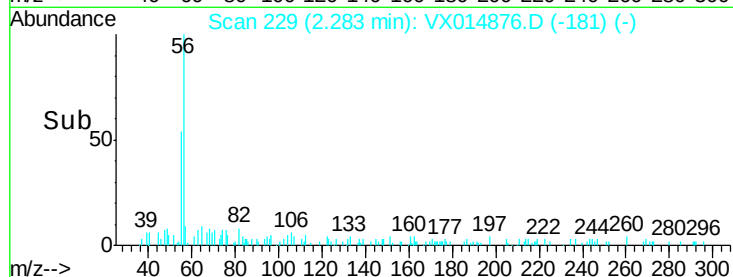
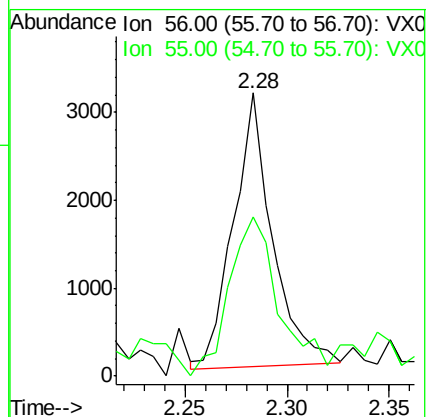
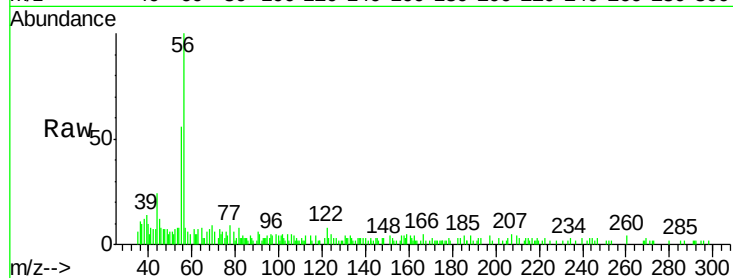
VSTDIC001

Tgt Ion: 56 Resp: 4149

Ion Ratio Lower Upper

56 100

55 74.5 55.0 82.4



#14

Allyl chloride

Concen: 1.09 ug/l

RT: 2.72 min Scan# 301

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

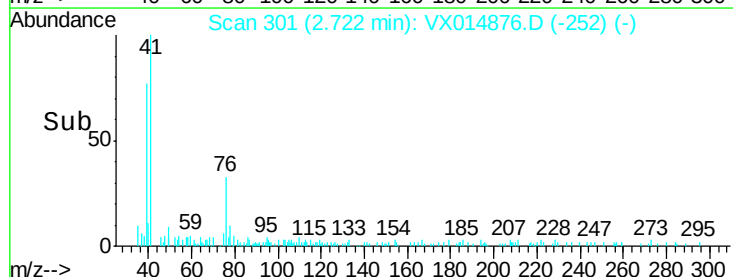
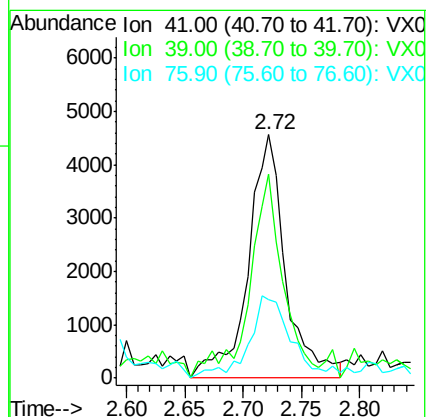
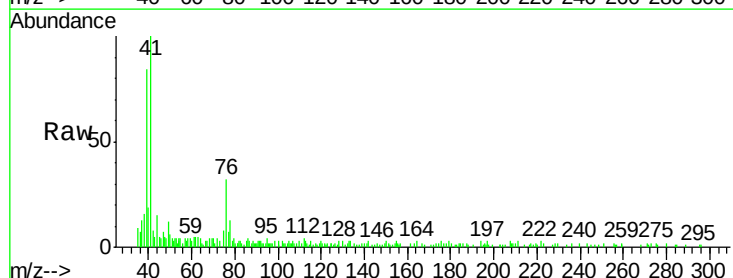
Tgt Ion: 41 Resp: 10203

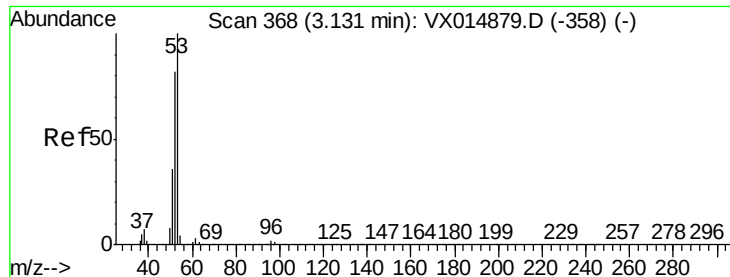
Ion Ratio Lower Upper

41 100

39 65.4 55.2 82.8

76 37.4 26.8 40.2





#15

Acrylonitrile

Concen: 4.61 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

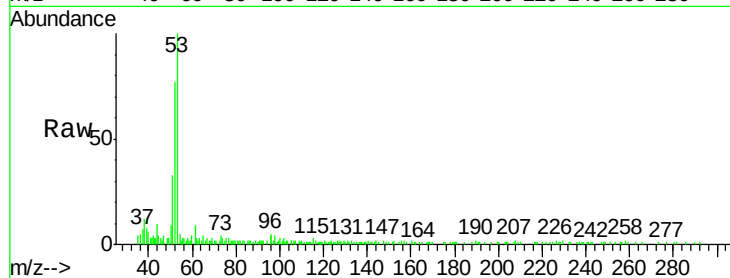
MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 53 Resp: 13236

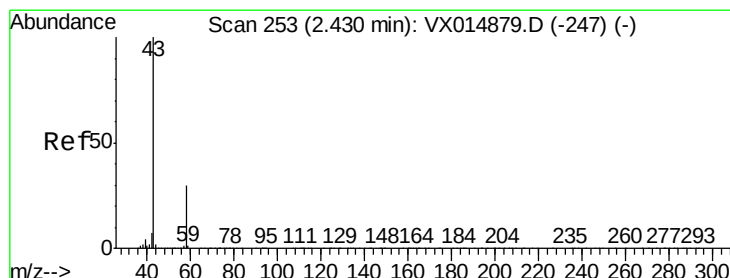
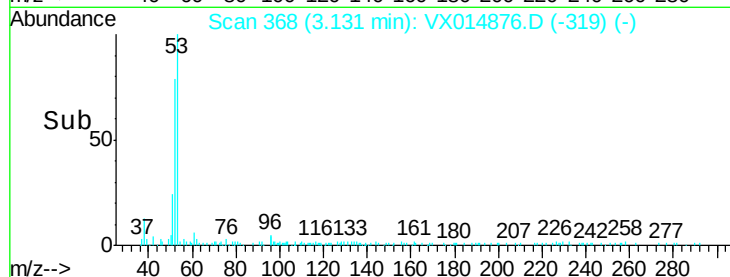
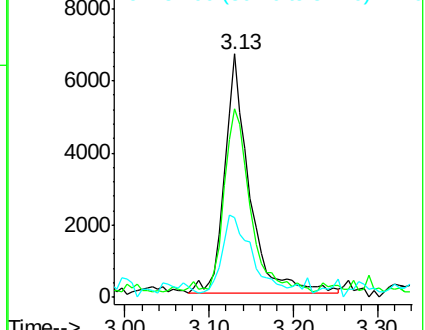
Ion	Ratio	Lower	Upper
53	100		
52	80.8	65.8	98.6
51	38.4	29.1	43.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 6.18 ug/l

RT: 2.43 min Scan# 253

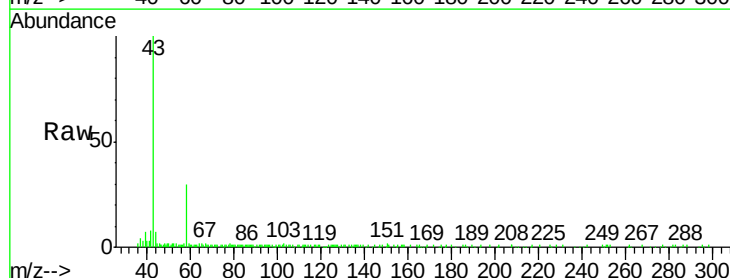
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

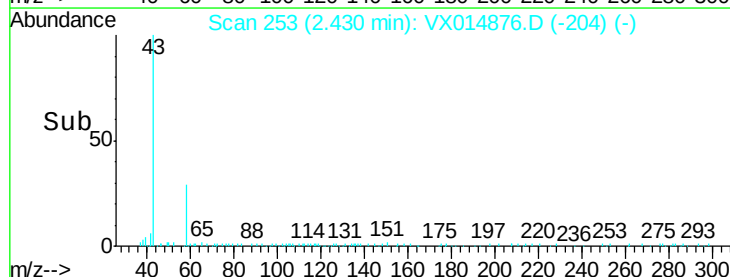
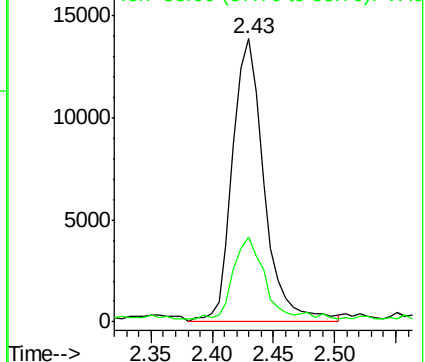
Tgt Ion: 43 Resp: 25047

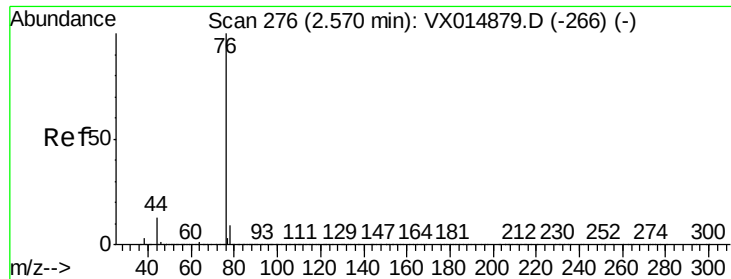
Ion	Ratio	Lower	Upper
43	100		
58	28.8	24.1	36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.98 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

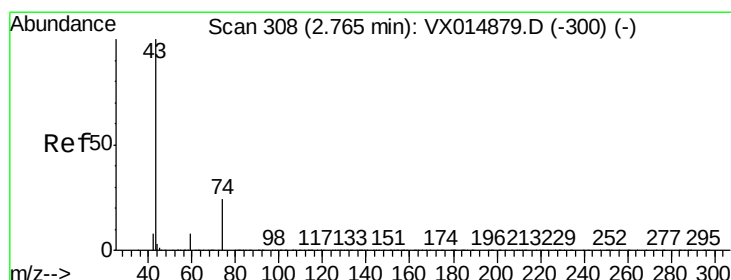
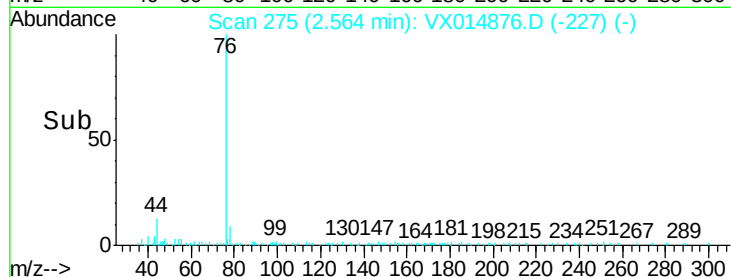
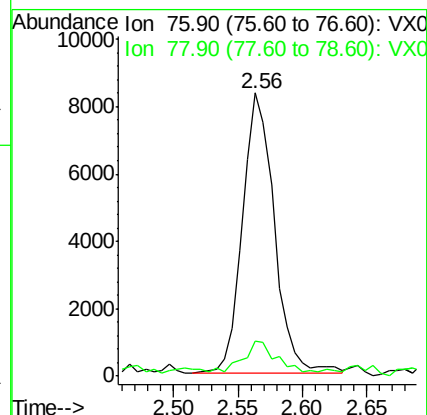
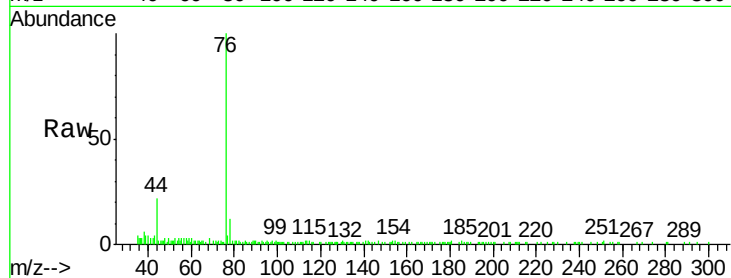
VSTDIC001

Tgt Ion: 76 Resp: 14199

Ion Ratio Lower Upper

76 100

78 11.0 7.4 11.0



#18

Methyl Acetate

Concen: 0.92 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX014876.D

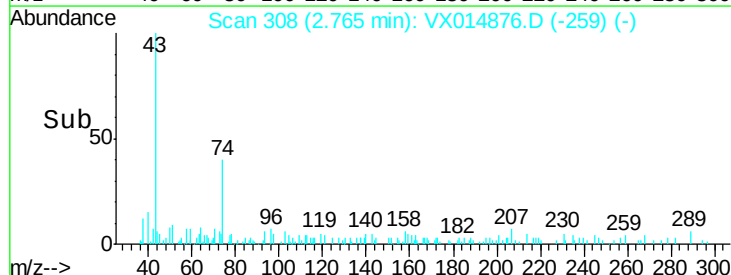
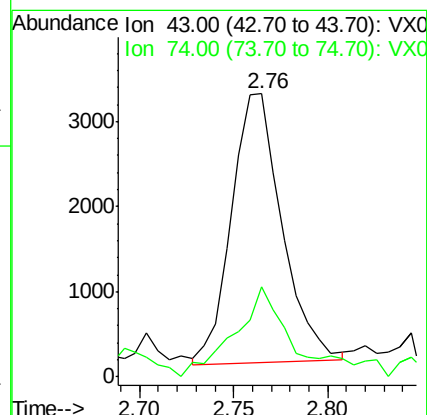
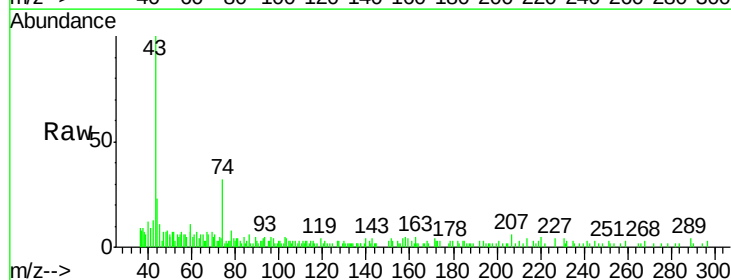
Acq: 10 Feb 2020 09:54

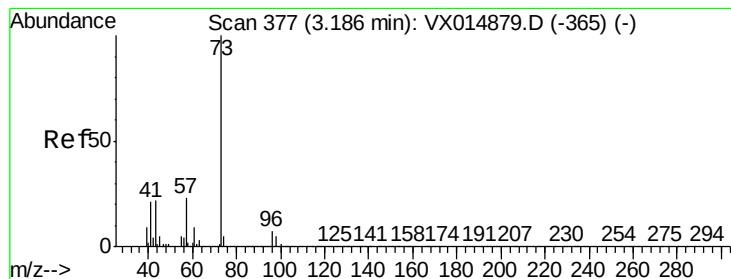
Tgt Ion: 43 Resp: 5907

Ion Ratio Lower Upper

43 100

74 39.6 19.4 29.0#





#19

Methyl tert-butyl Ether

Concen: 0.95 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

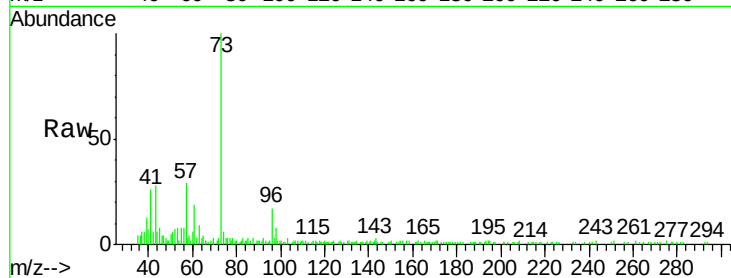
VSTDIC001

Tgt Ion: 73 Resp: 16049

Ion Ratio Lower Upper

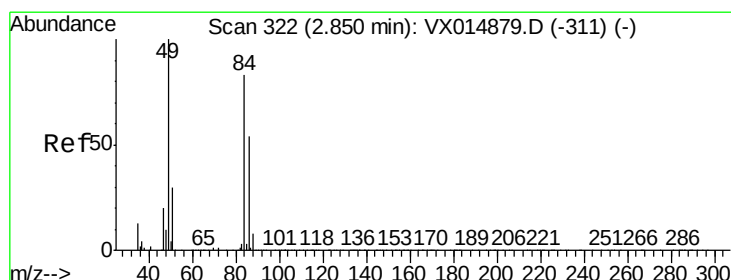
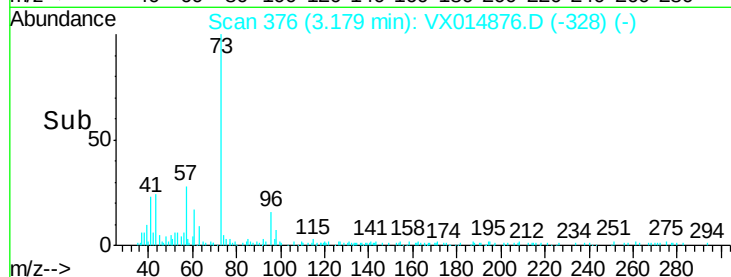
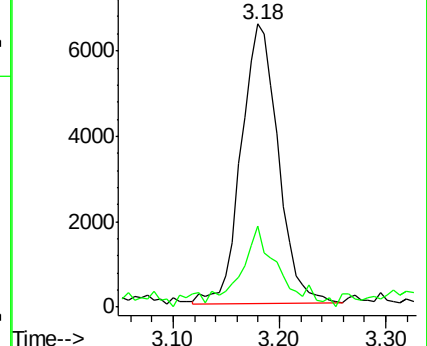
73 100

57 24.4 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: 1.17 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion: 84 Resp: 7527

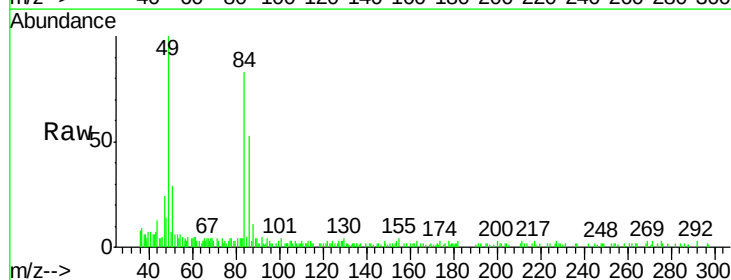
Ion Ratio Lower Upper

84 100

49 115.4 95.6 143.4

51 27.6 29.0 43.6#

86 59.3 51.4 77.0

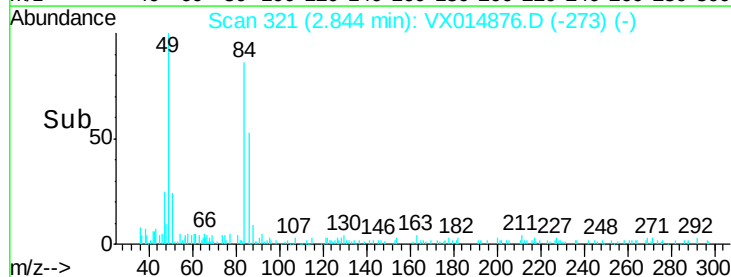
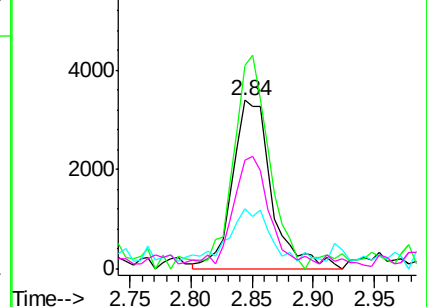


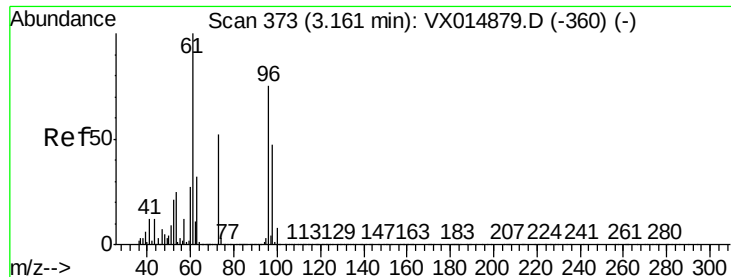
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 0.98 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

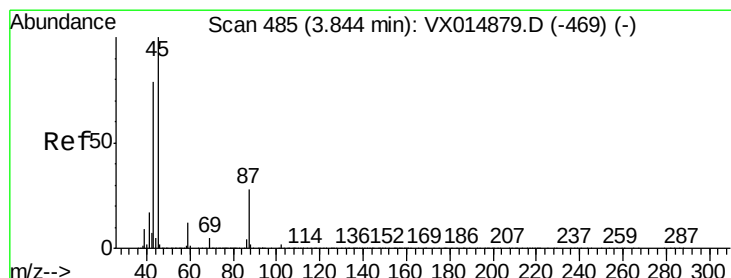
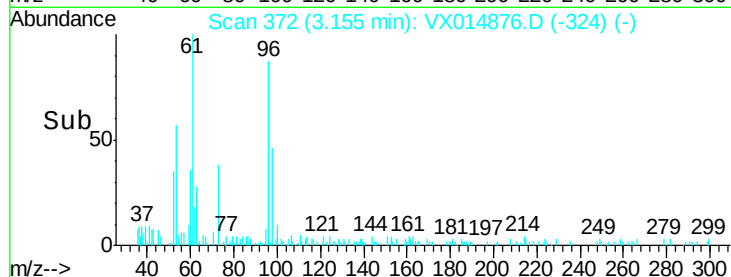
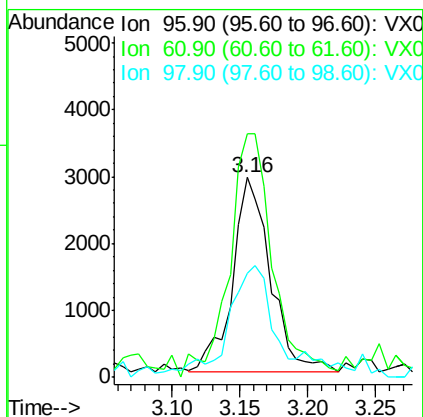
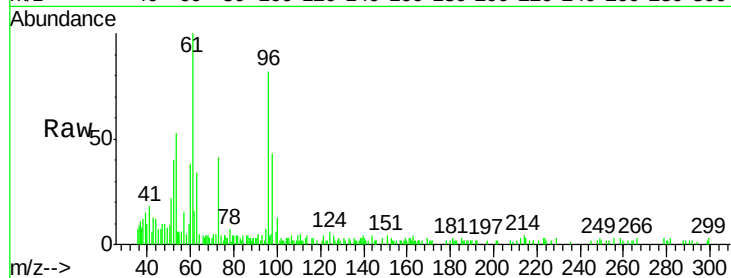
Tgt Ion: 96 Resp: 5689

Ion Ratio Lower Upper

96 100

61 121.5 106.9 160.3

98 47.2 50.7 76.1#



#22

Diisopropyl ether

Concen: 0.92 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion: 45 Resp: 16281

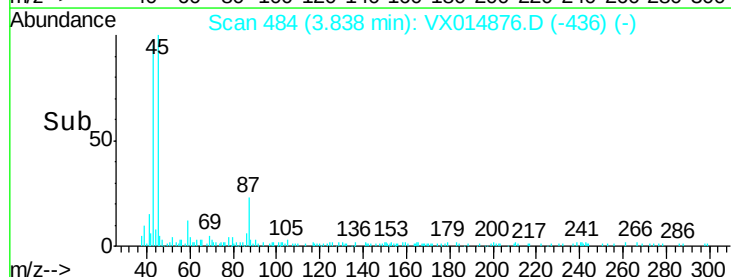
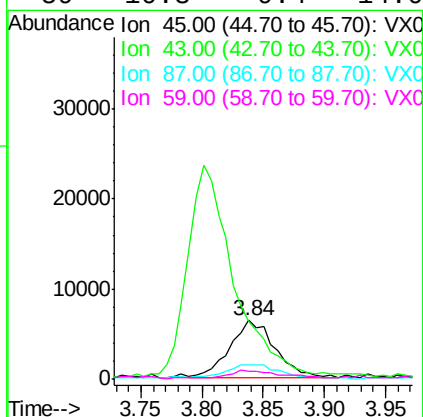
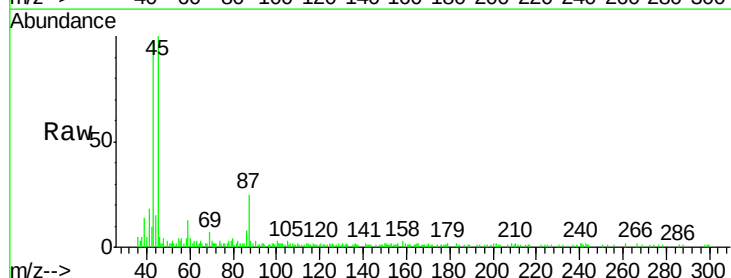
Ion Ratio Lower Upper

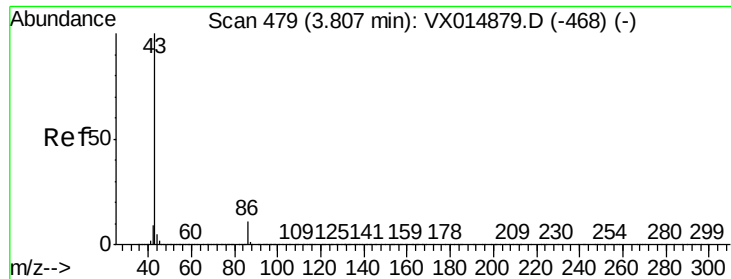
45 100

43 92.1 63.5 95.3

87 22.2 22.2 33.4#

59 10.3 9.4 14.0





#23

Vinyl Acetate

Concen: 4.34 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

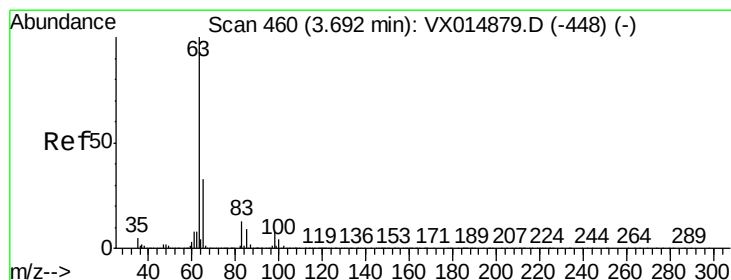
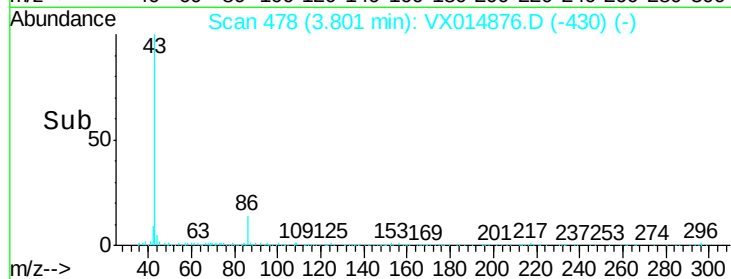
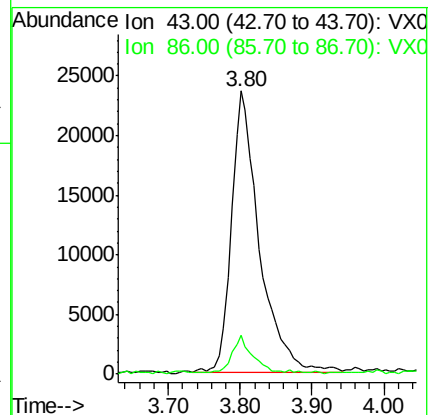
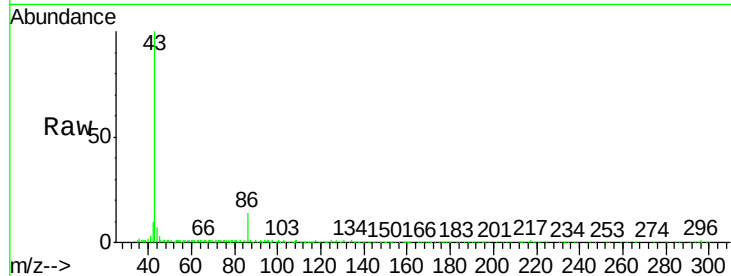
VSTDIC001

Tgt Ion: 43 Resp: 63567

Ion Ratio Lower Upper

43 100

86 13.1 8.9 13.3



#24

1,1-Dichloroethane

Concen: 0.95 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

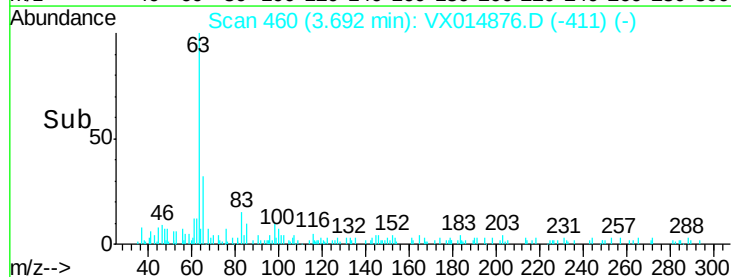
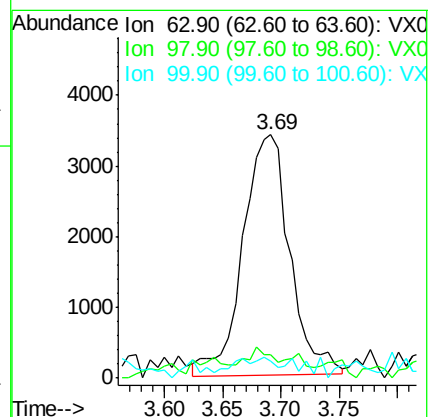
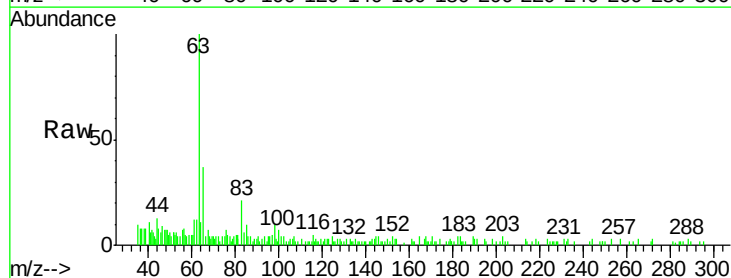
Tgt Ion: 63 Resp: 9586

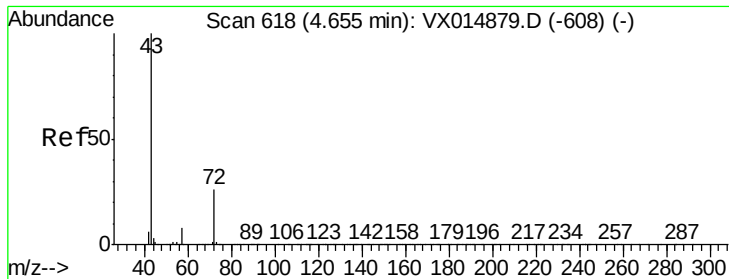
Ion Ratio Lower Upper

63 100

98 2.5 3.9 11.5#

100 1.9 2.2 6.6#





#25

2-Butanone

Concen: 4.64 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

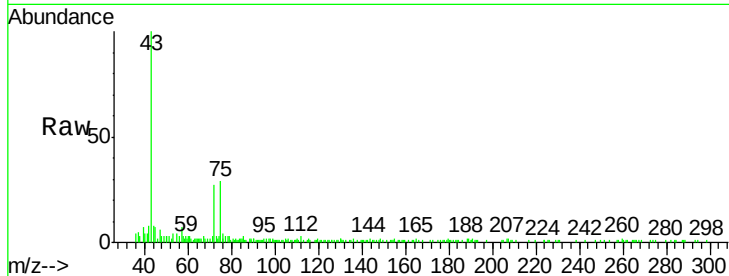
VSTDIC001

Tgt Ion: 43 Resp: 20379

Ion Ratio Lower Upper

43 100

72 25.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

8000

6000

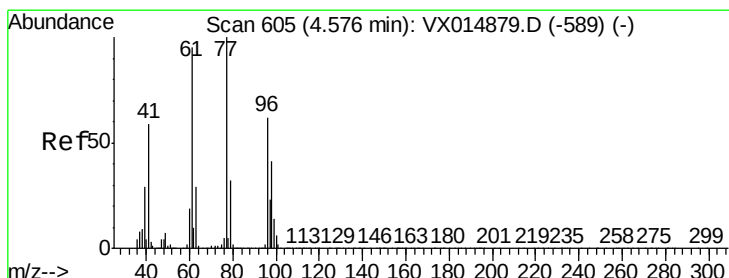
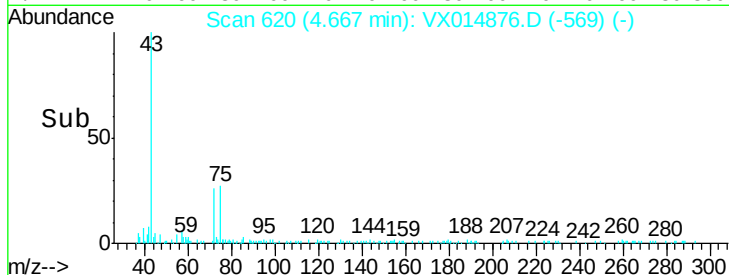
4000

2000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 1.01 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX014876.D

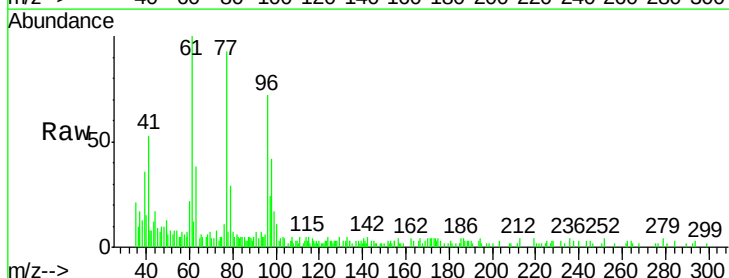
Acq: 10 Feb 2020 09:54

Tgt Ion: 77 Resp: 8707

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

3000

2500

2000

1500

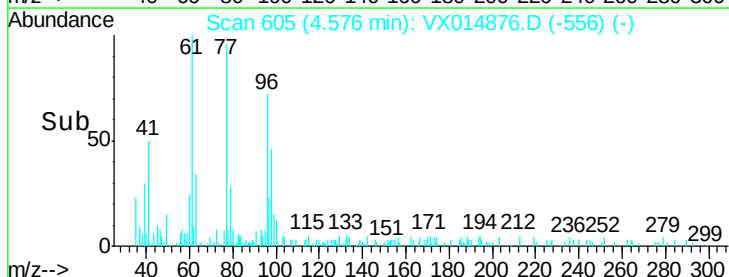
1000

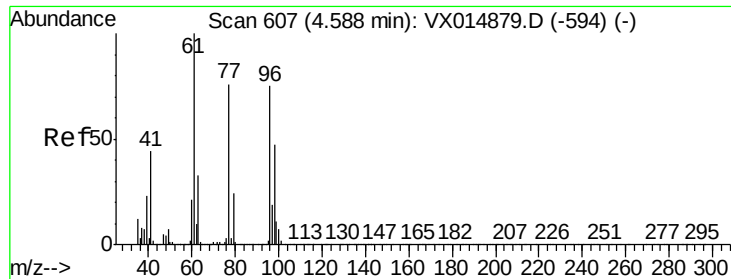
500

0

4.50 4.60

Time-->





#27

cis-1,2-Dichloroethene

Concen: 0.95 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

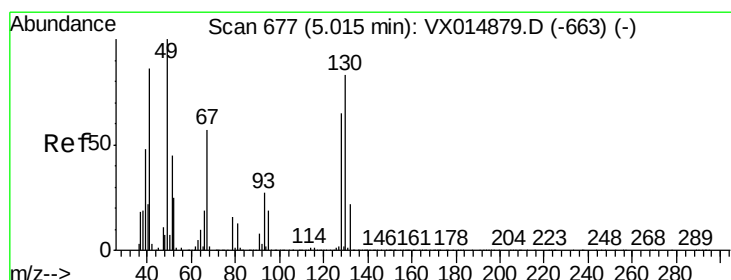
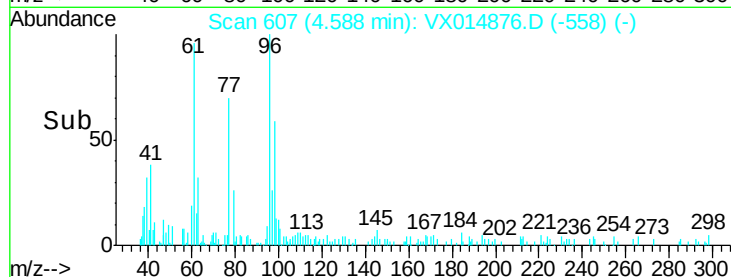
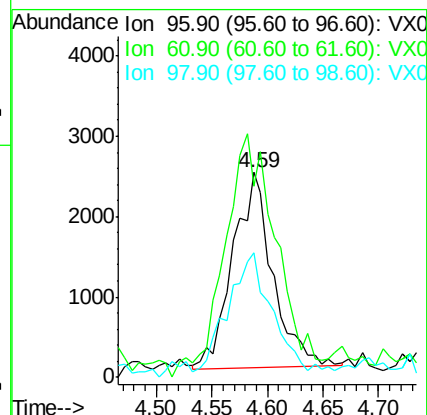
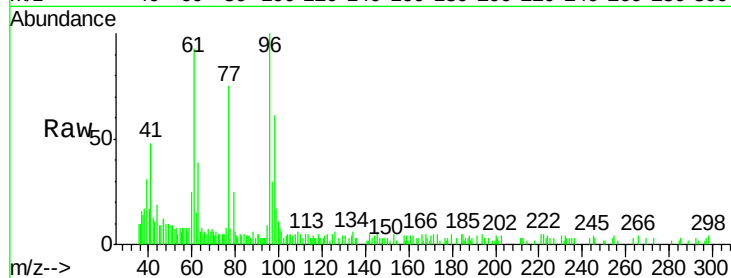
Tgt Ion: 96 Resp: 6124

Ion Ratio Lower Upper

96 100

61 160.3 0.0 286.2

98 64.8 0.0 131.0



#28

Bromochloromethane

Concen: 0.44 ug/l

RT: 4.99 min Scan# 673

Delta R.T. -0.02 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

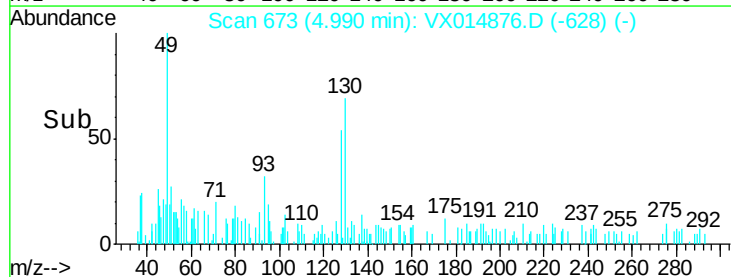
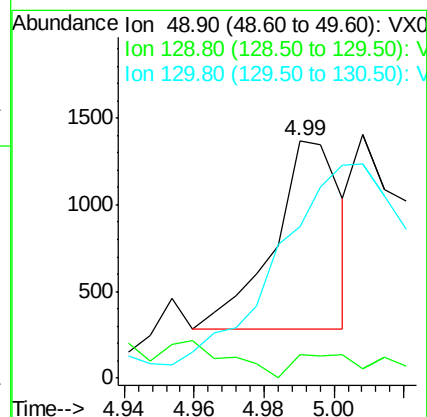
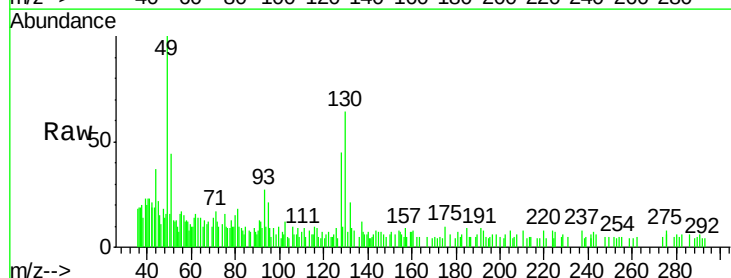
Tgt Ion: 49 Resp: 1469

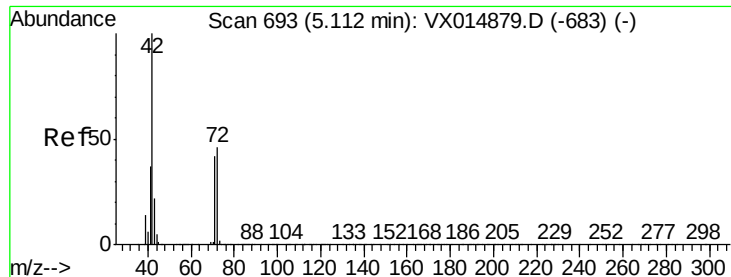
Ion Ratio Lower Upper

49 100

129 16.1 0.0 5.2#

130 238.3 67.4 101.2#





#29

Tetrahydrofuran

Concen: 4.10 ug/l

RT: 5.12 min Scan# 695

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

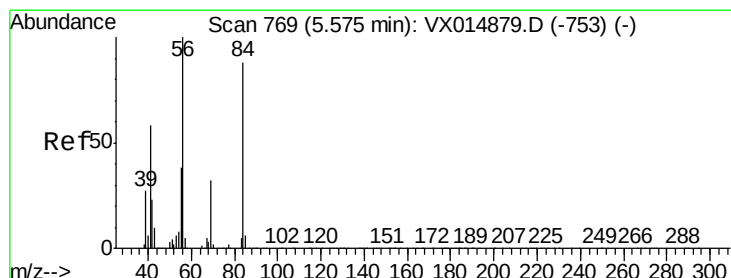
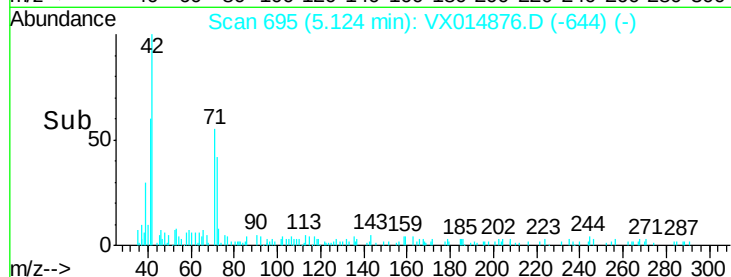
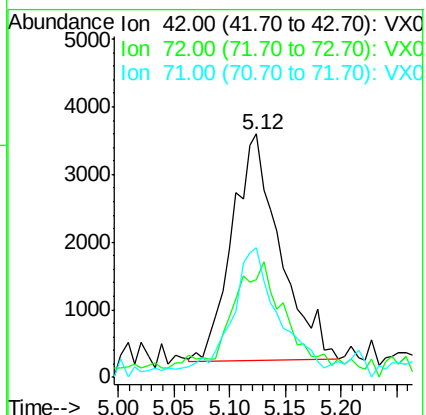
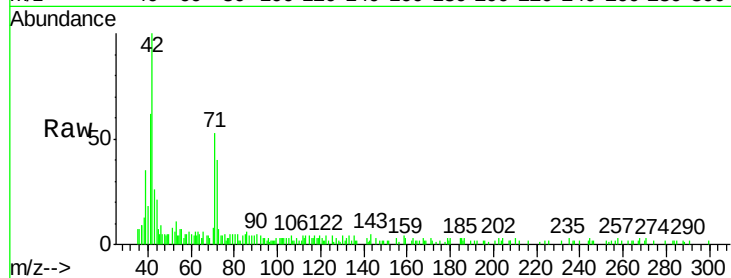
Tgt Ion: 42 Resp: 10079

Ion Ratio Lower Upper

42 100

72 48.6 36.9 55.3

71 50.9 34.1 51.1



#31

Cyclohexane

Concen: 0.88 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

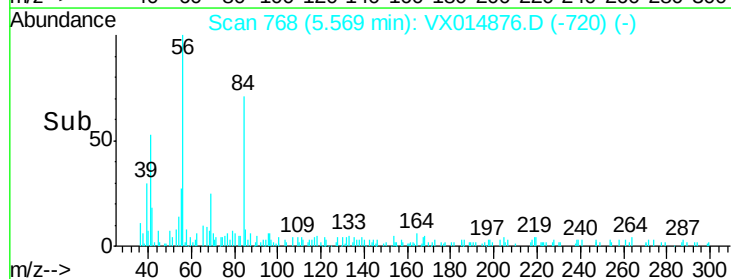
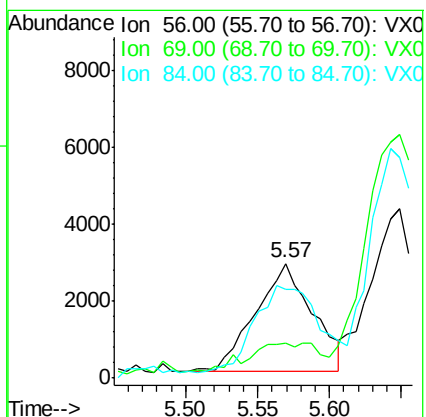
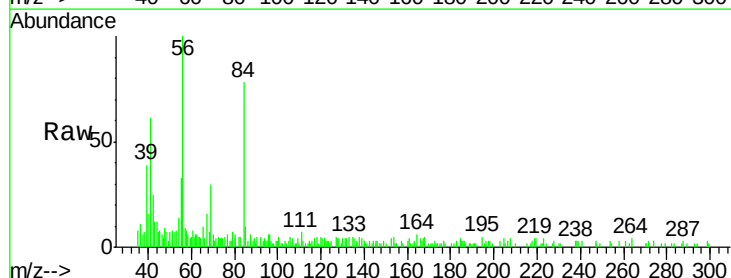
Tgt Ion: 56 Resp: 7757

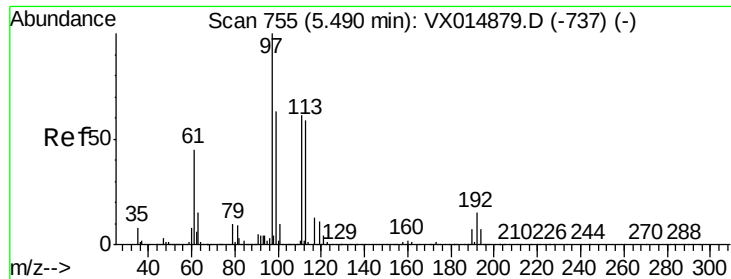
Ion Ratio Lower Upper

56 100

69 17.8 25.9 38.9#

84 71.6 70.4 105.6





#32

1,1,1-Trichloroethane

Concen: 0.94 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

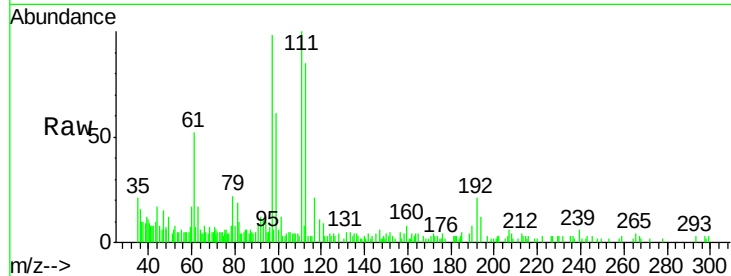
Tgt Ion: 97 Resp: 8082

Ion Ratio Lower Upper

97 100

99 0.0 51.0 76.6#

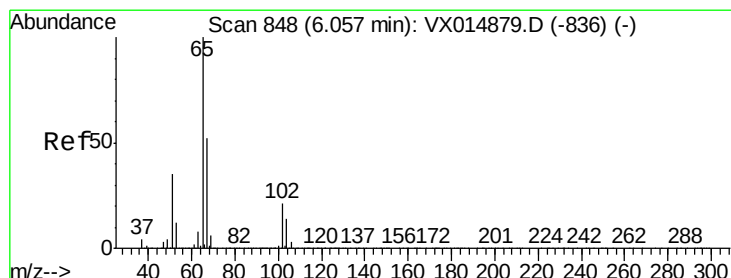
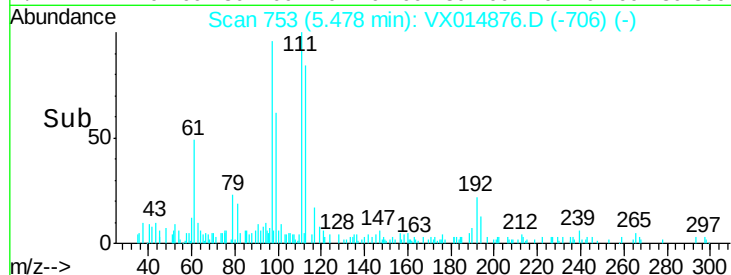
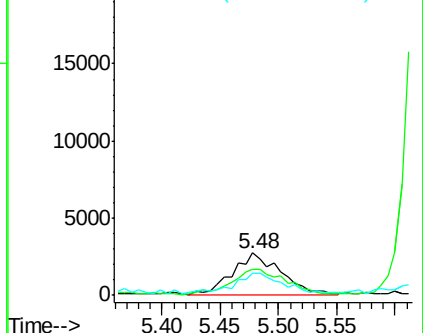
61 51.0 36.3 54.5



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 1.35 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX014876.D

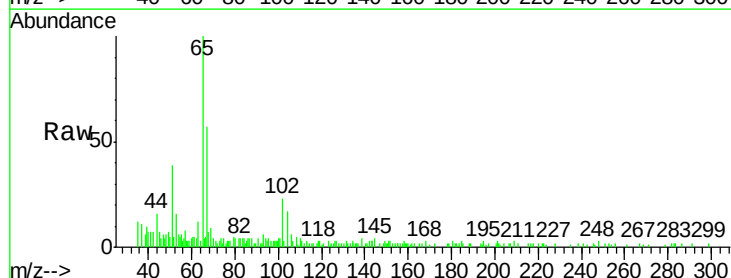
Acq: 10 Feb 2020 09:54

Tgt Ion: 65 Resp: 9937

Ion Ratio Lower Upper

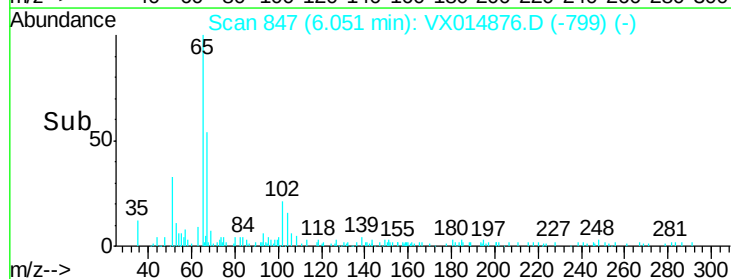
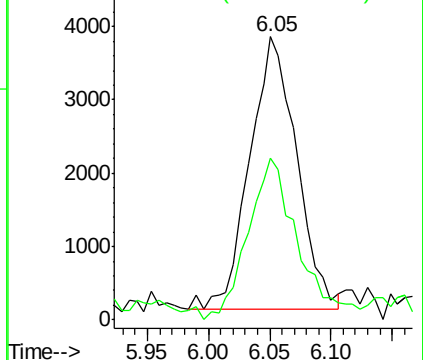
65 100

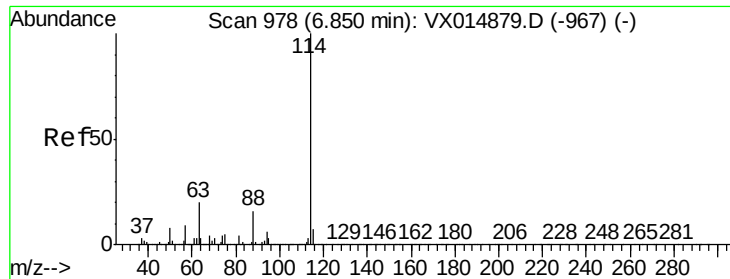
67 63.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

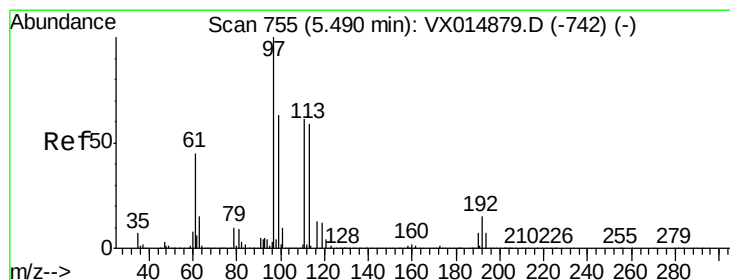
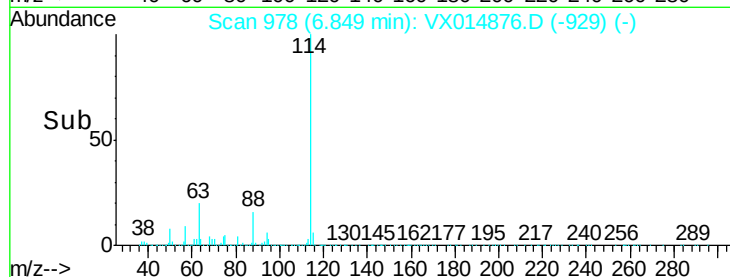
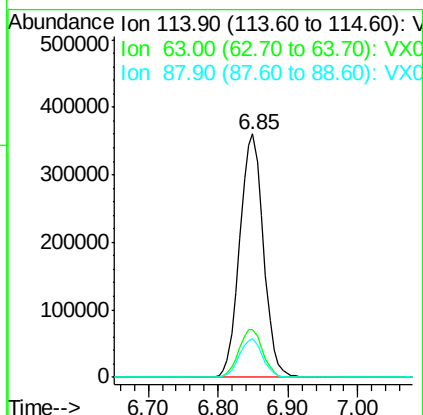
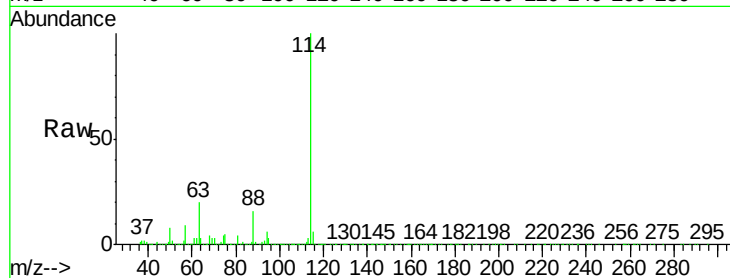




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

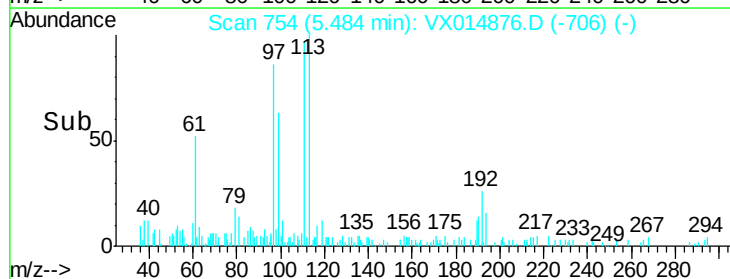
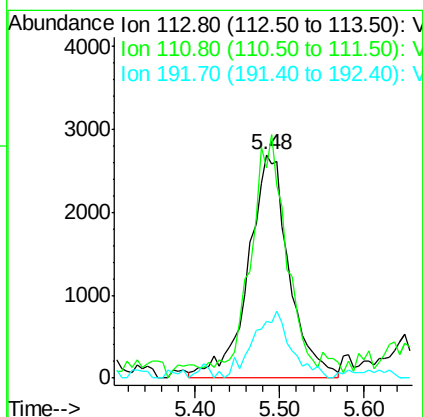
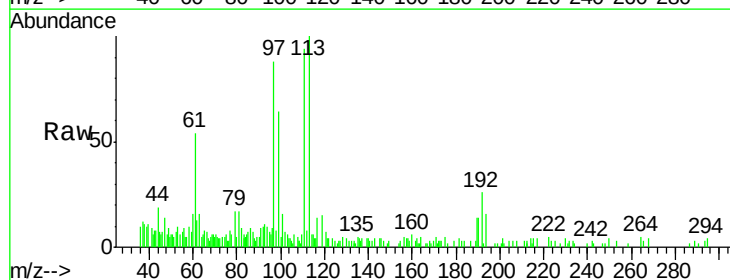
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

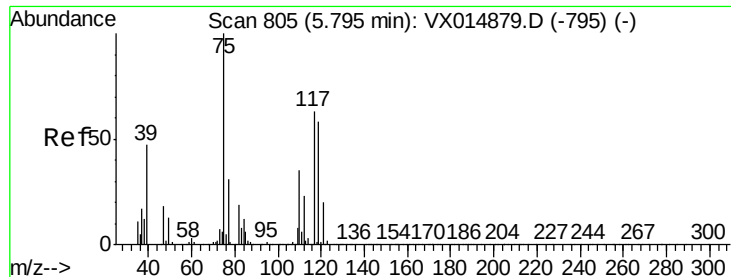
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	39.2
88	15.9	0.0	32.0



#35
Dibromofluoromethane
Concen: 1.46 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	86.7	82.4	123.6
192	27.4	19.1	28.7

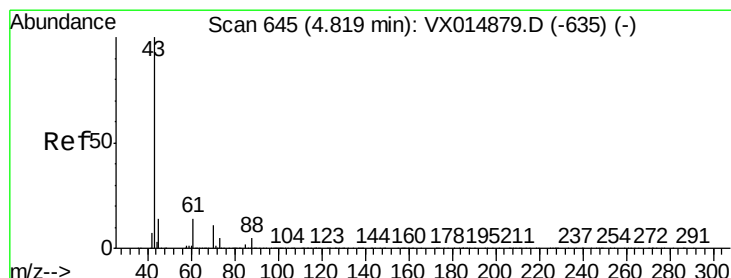
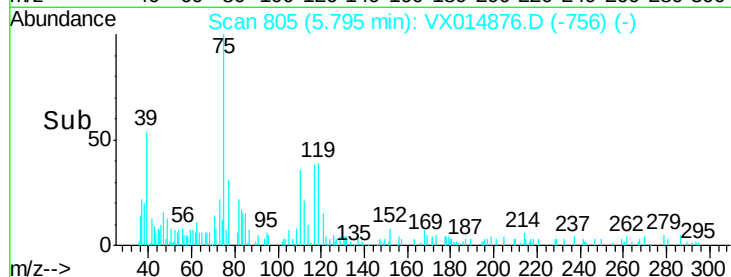
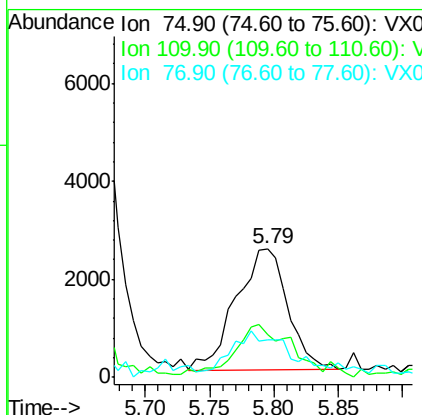
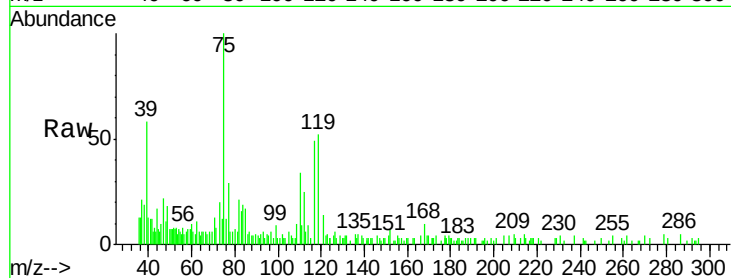




#36
 1,1-Dichloropropene
 Concen: 0.93 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

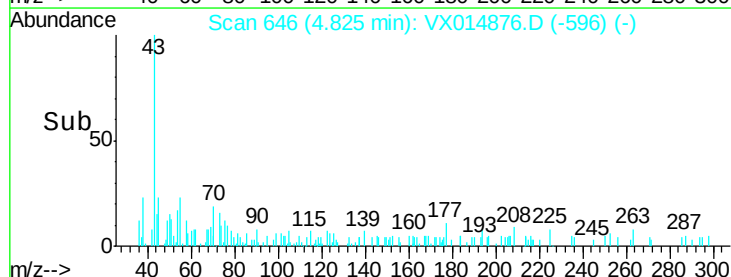
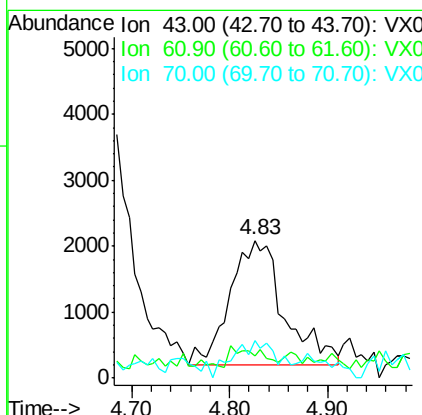
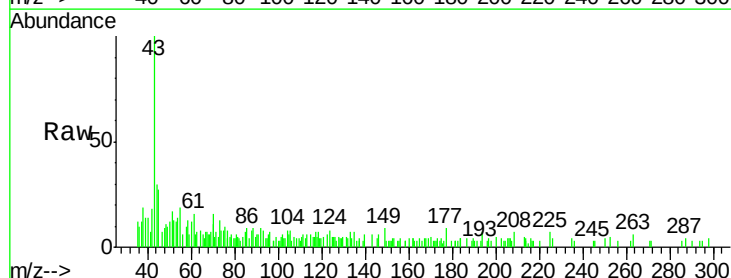
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

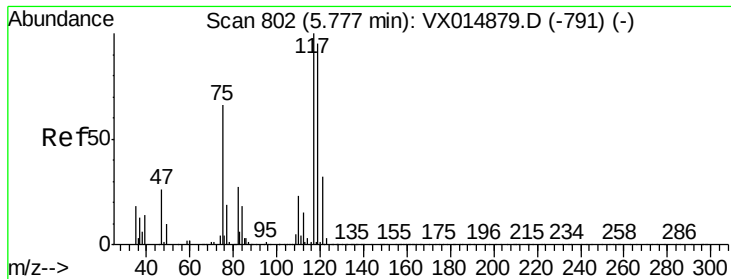
Tgt Ion:	75	Resp:	6956
Ion	Ratio	Lower	Upper
75	100		
110	42.8	18.3	54.8
77	33.6	24.6	36.8



#37
 Ethyl Acetate
 Concen: 0.92 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion:	43	Resp:	7144
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	10.5	8.7	13.1





#38

Carbon Tetrachloride

Concen: 0.87 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

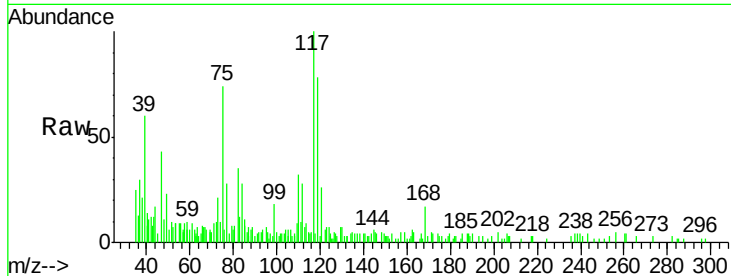
MSVOA_X

ClientSampled :

VSTDIC001

Tgt Ion: 117 Resp: 6267

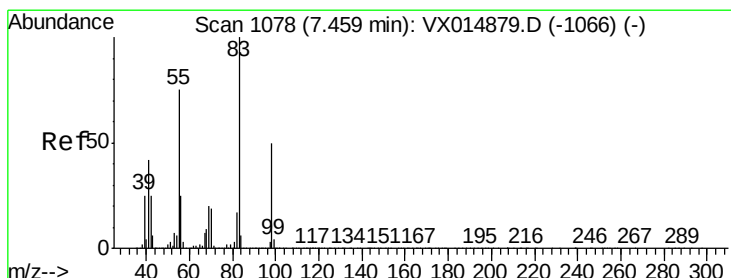
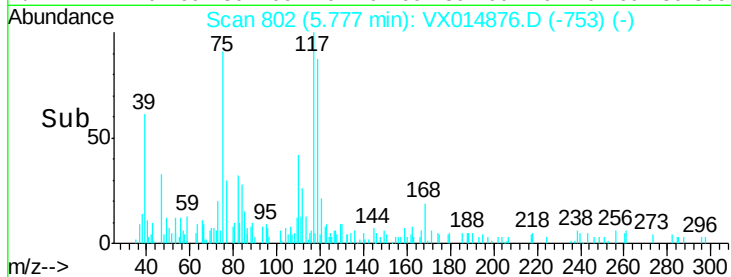
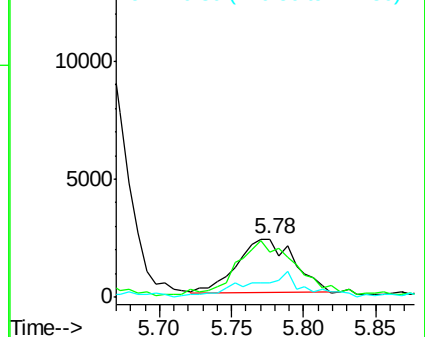
Ion	Ratio	Lower	Upper
117	100		
119	76.2	76.0	114.0
121	21.5	25.4	38.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 1.01 ug/l

RT: 7.46 min Scan# 1078

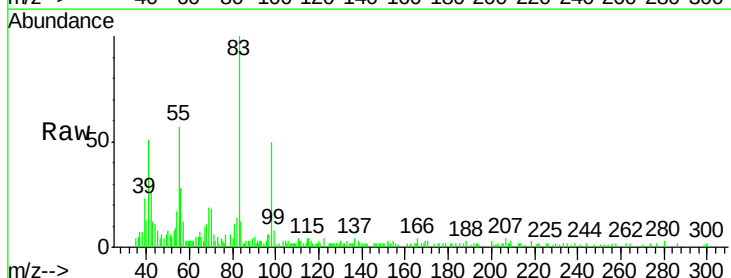
Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion: 83 Resp: 9460

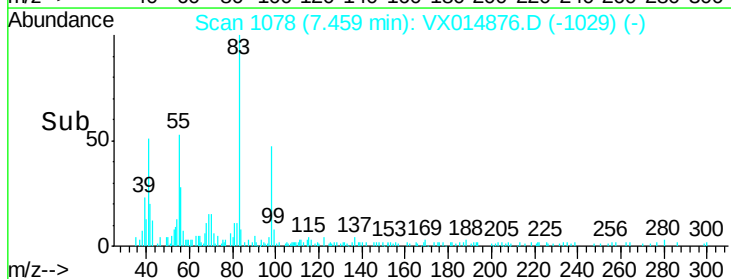
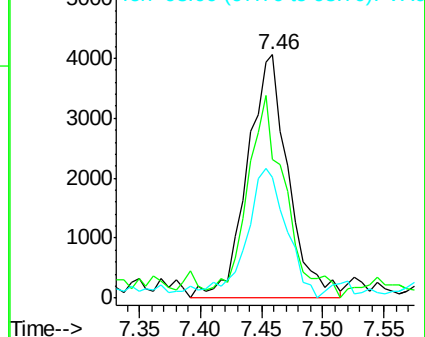
Ion	Ratio	Lower	Upper
83	100		
55	57.0	60.0	90.0#
98	45.0	39.6	59.4

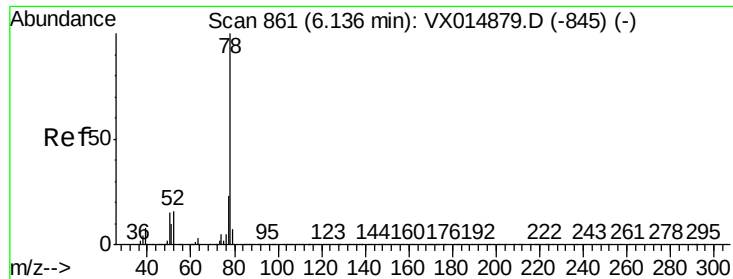


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.94 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

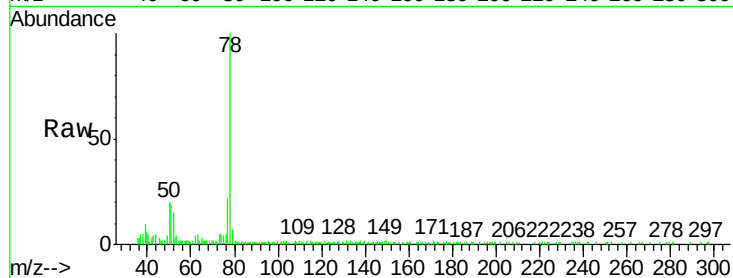
VSTDIC001

Tgt Ion: 78 Resp: 21185

Ion Ratio Lower Upper

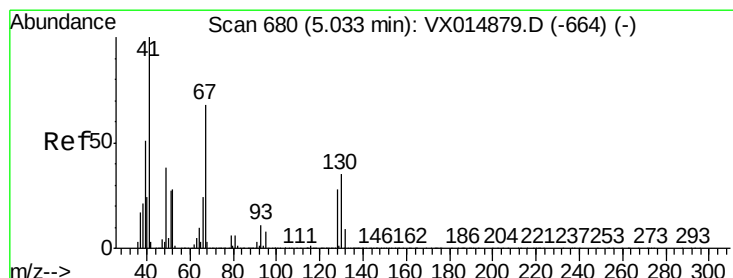
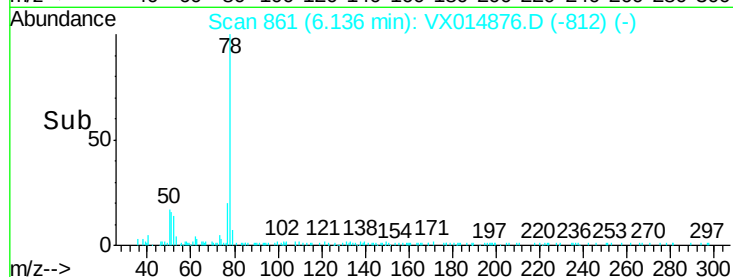
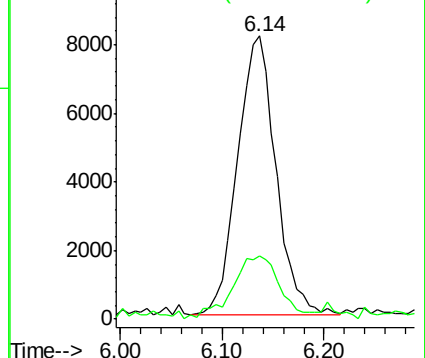
78 100

77 21.2 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 0.80 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion: 41 Resp: 3281

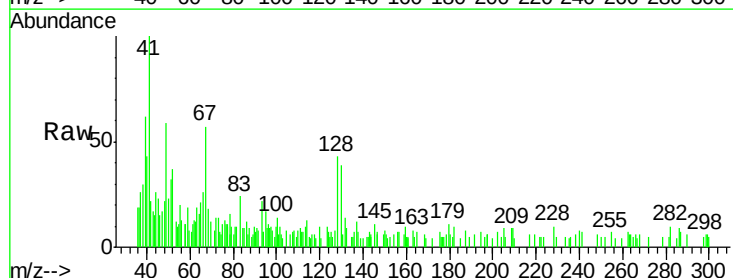
Ion Ratio Lower Upper

41 100

39 21.6 44.7 67.1#

67 68.8 56.6 84.8

52 22.3 22.3 33.5

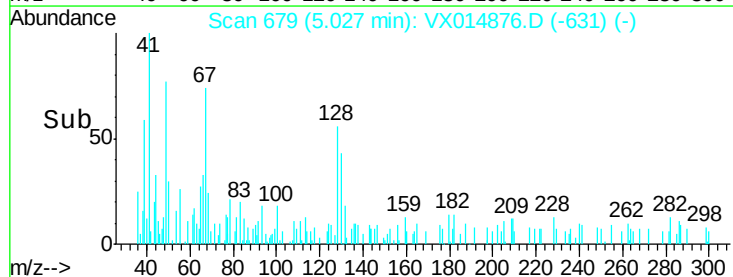
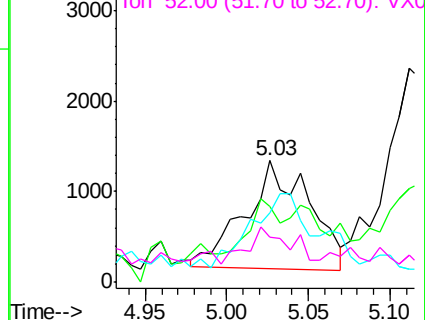


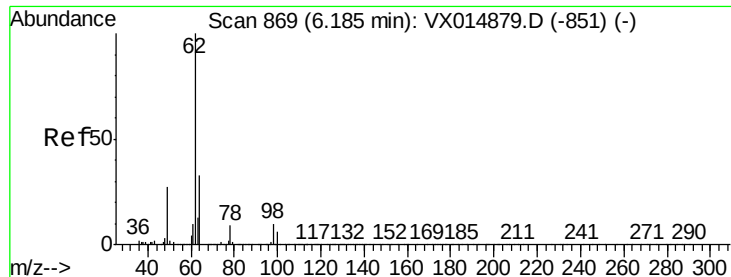
Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.95 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

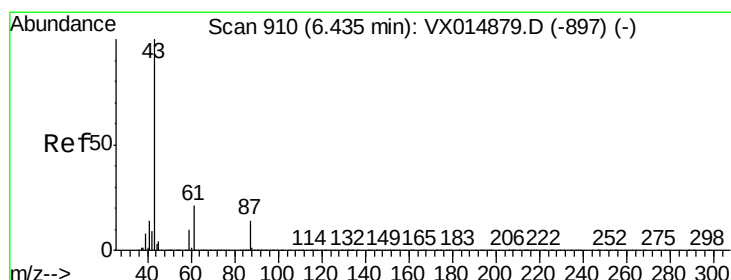
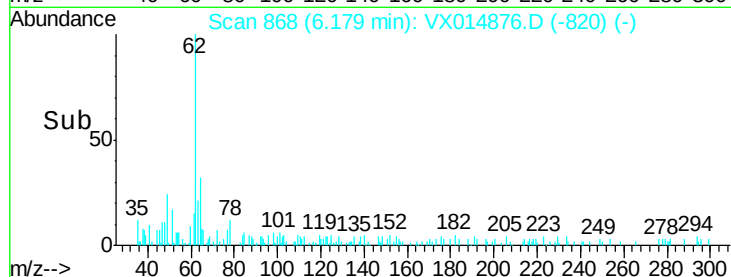
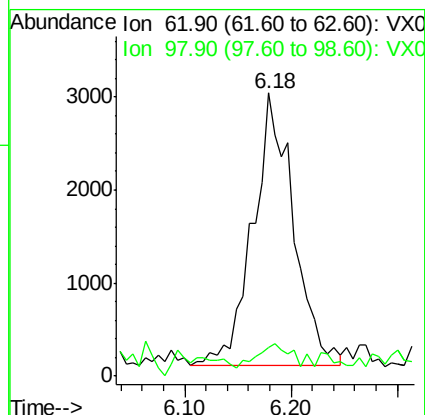
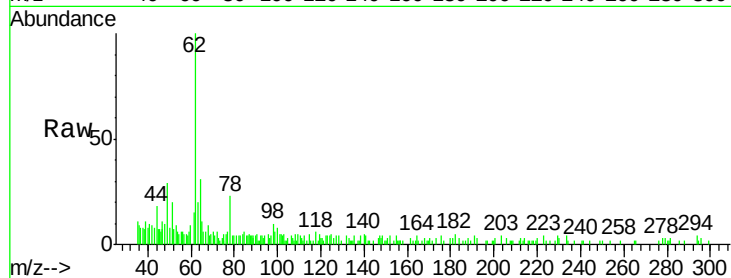
VSTDIC001

Tgt Ion: 62 Resp: 7840

Ion Ratio Lower Upper

62 100

98 7.2 0.0 19.2



#43

Isopropyl Acetate

Concen: 0.89 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

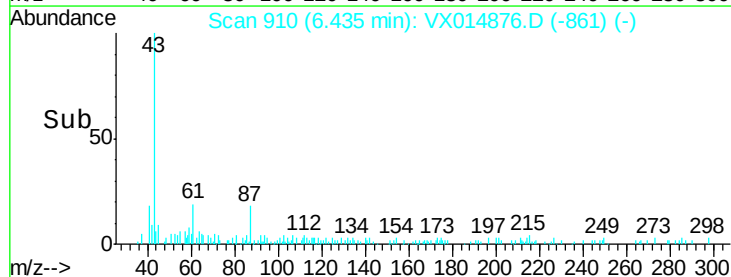
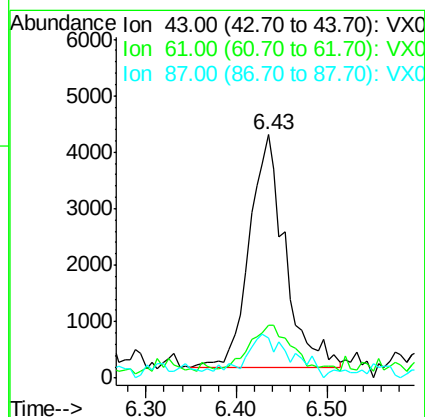
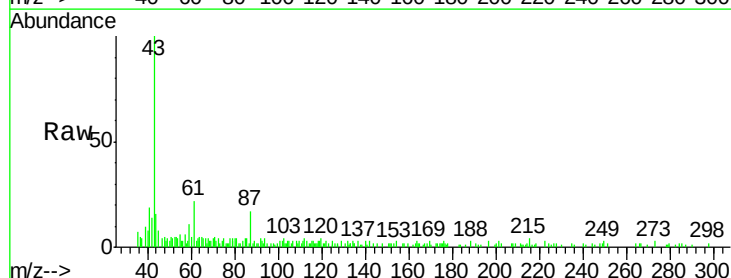
Tgt Ion: 43 Resp: 11269

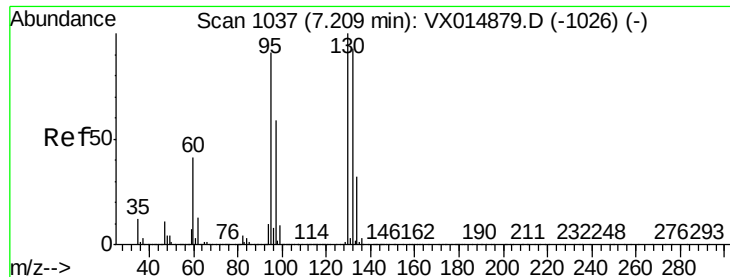
Ion Ratio Lower Upper

43 100

61 24.8 16.2 24.4#

87 25.4 11.0 16.6#





#44

Trichloroethene

Concen: 0.99 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

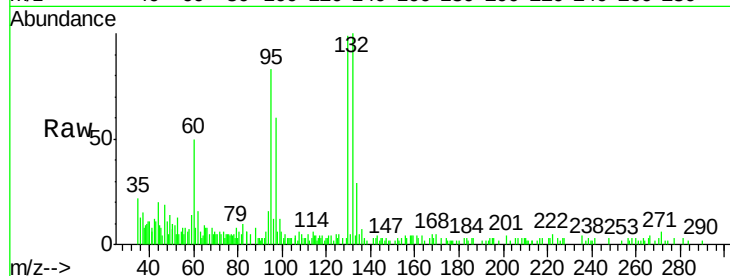
VSTDIC001

Tgt Ion:130 Resp: 6464

Ion Ratio Lower Upper

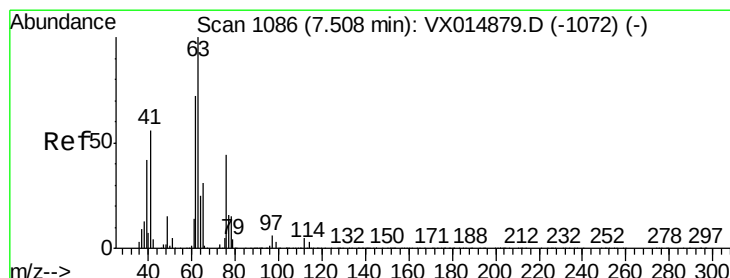
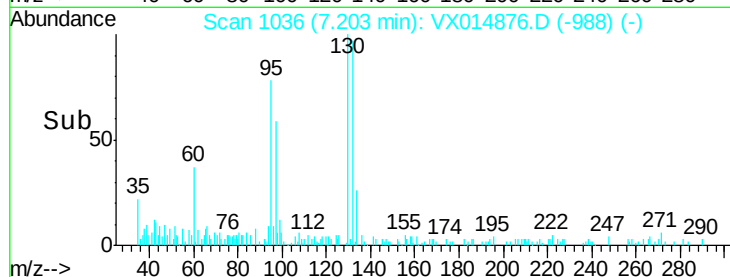
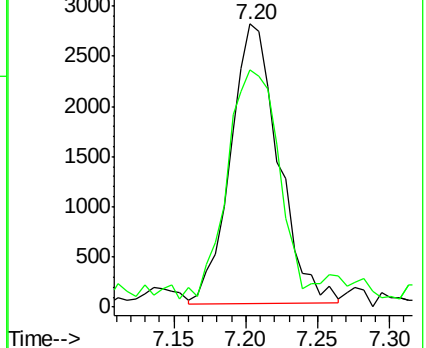
130 100

95 79.0 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.90 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014876.D

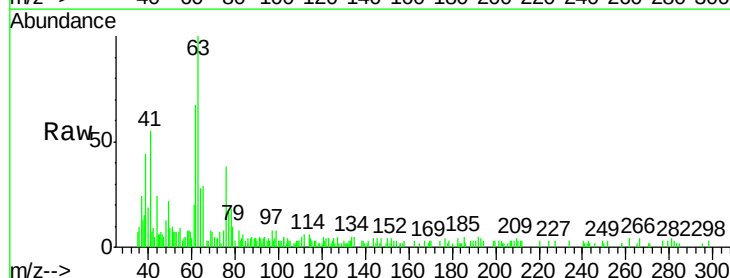
Acq: 10 Feb 2020 09:54

Tgt Ion: 63 Resp: 5156

Ion Ratio Lower Upper

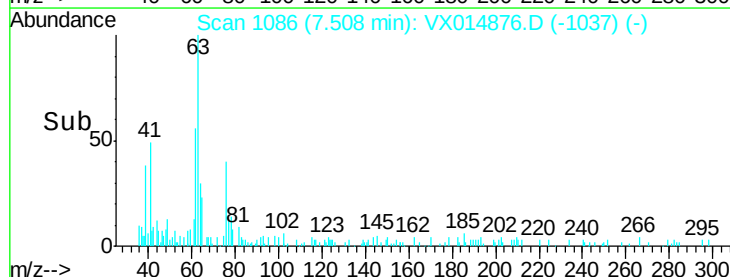
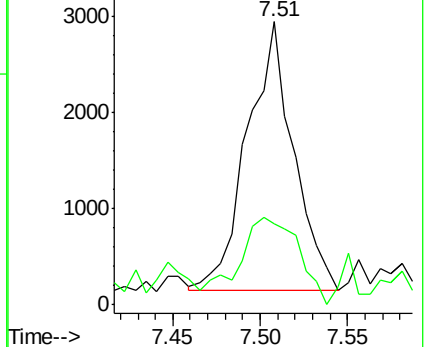
63 100

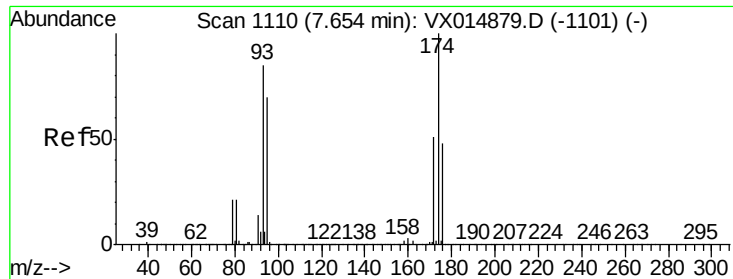
65 23.2 24.9 37.3#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





#46

Dibromomethane

Concen: 1.01 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

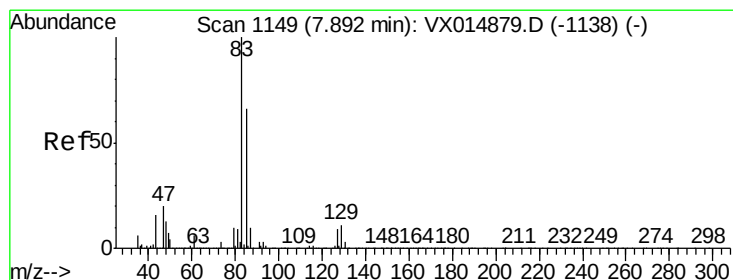
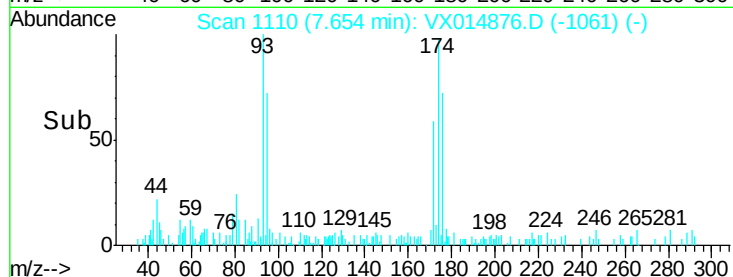
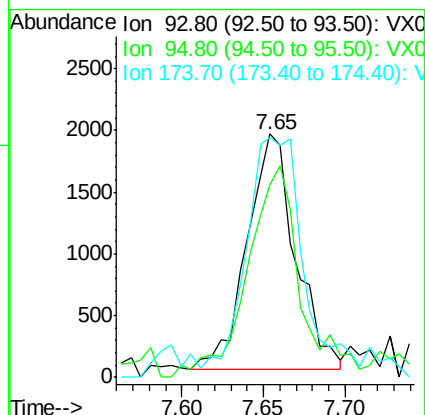
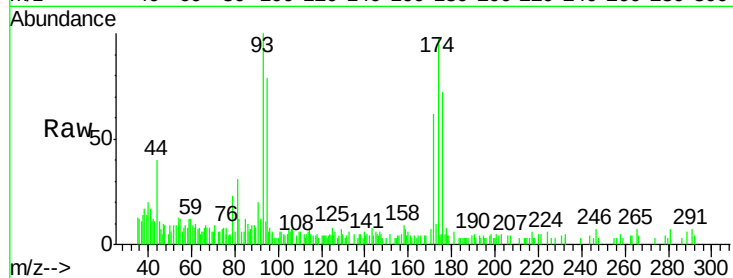
Tgt Ion: 93 Resp: 3956

Ion Ratio Lower Upper

93 100

95 97.6 65.8 98.8

174 114.7 95.4 143.2



#47

Bromodichloromethane

Concen: 0.99 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

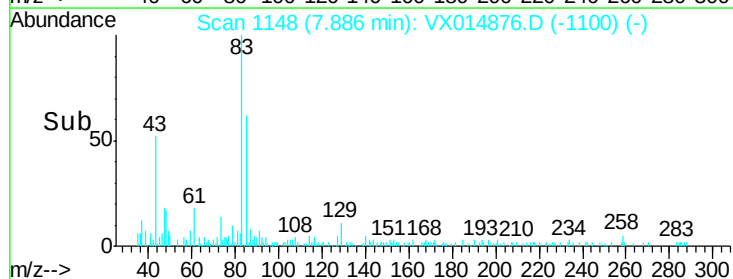
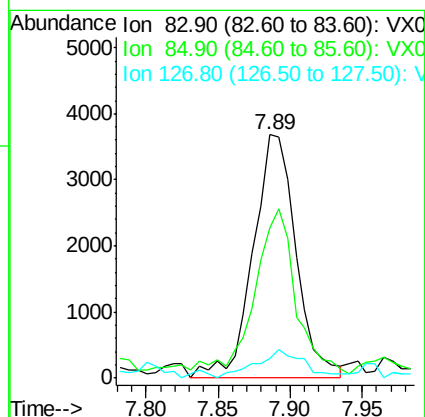
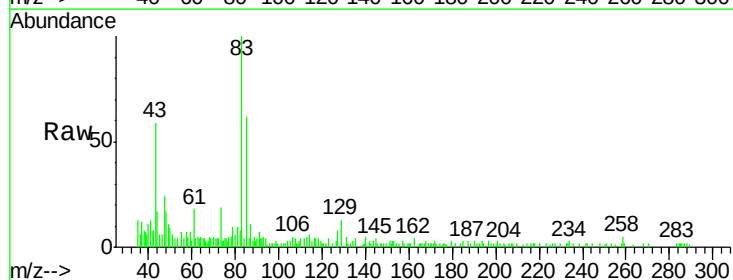
Tgt Ion: 83 Resp: 7580

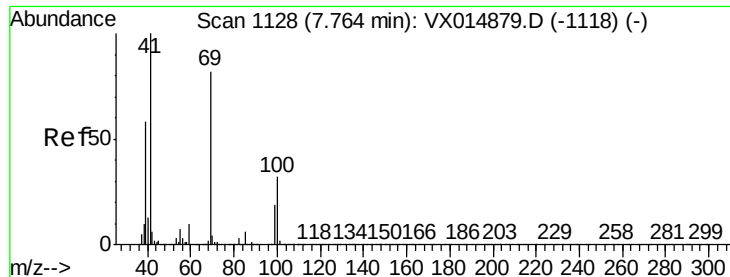
Ion Ratio Lower Upper

83 100

85 60.2 52.5 78.7

127 6.4 7.4 11.0#





#48

Methyl methacrylate

Concen: 0.81 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

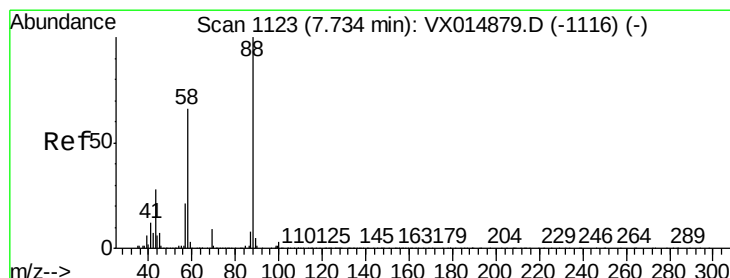
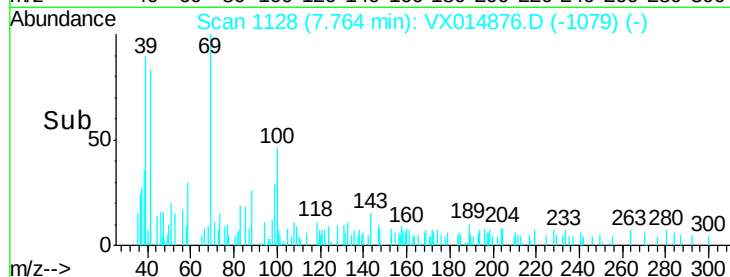
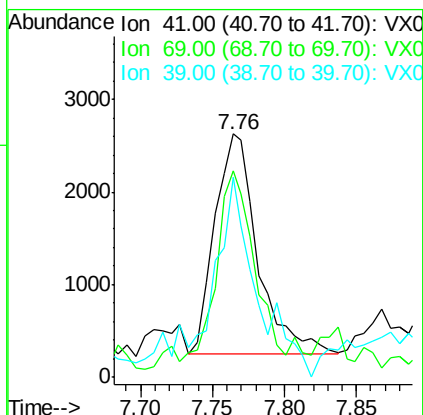
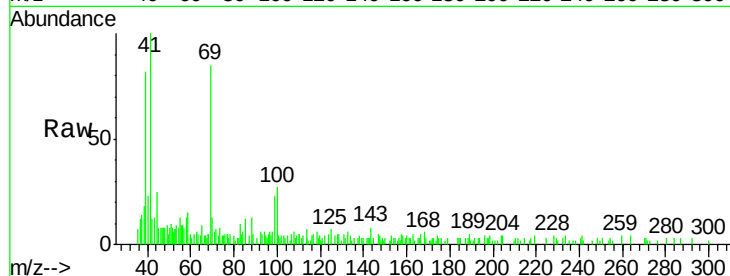
Tgt Ion: 41 Resp: 4944

Ion Ratio Lower Upper

41 100

69 83.9 65.7 98.5

39 86.2 45.8 68.8#



#49

1,4-Dioxane

Concen: 21.96 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

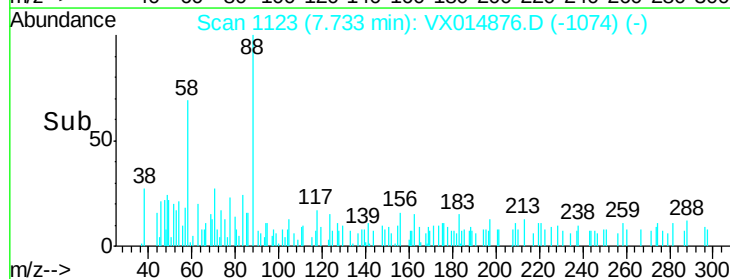
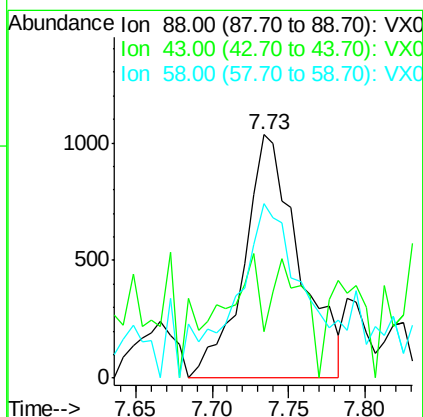
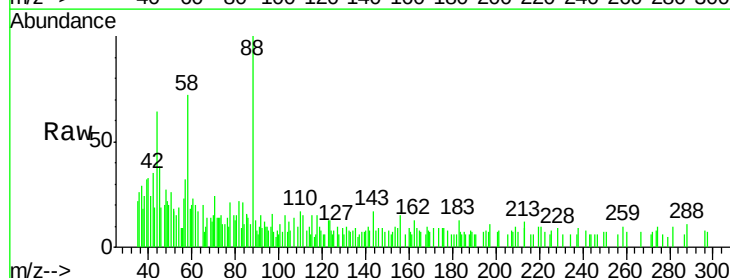
Tgt Ion: 88 Resp: 2610

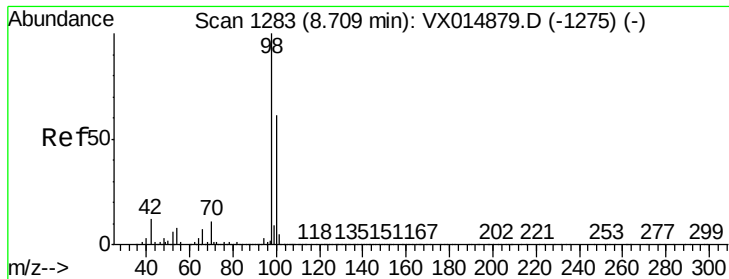
Ion Ratio Lower Upper

88 100

43 28.6 27.0 40.4

58 84.9 53.2 79.8#

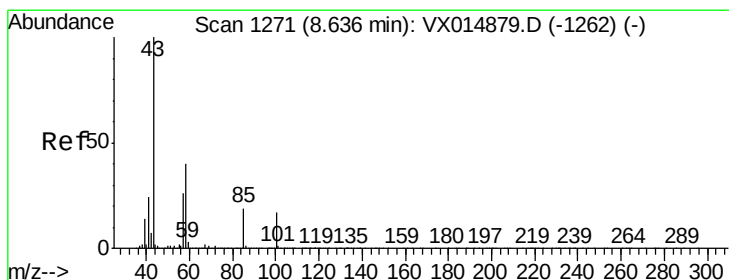
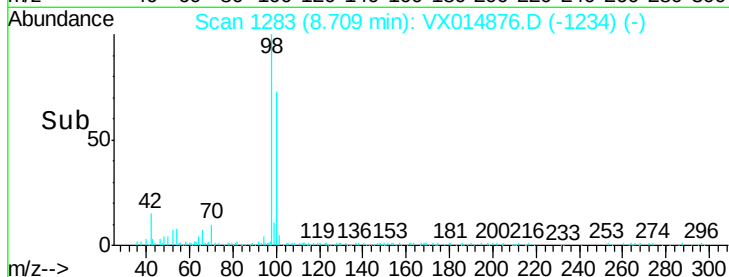
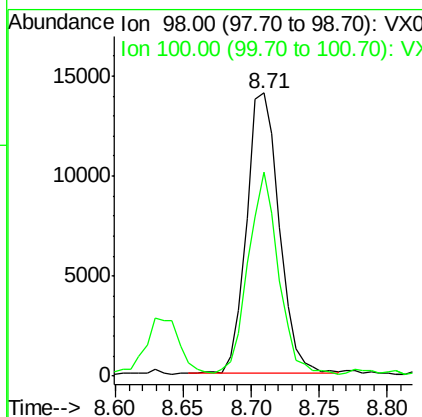
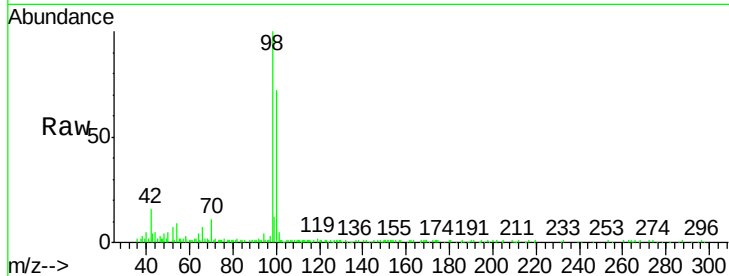




#50
Toluene-d8
Concen: 1.15 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

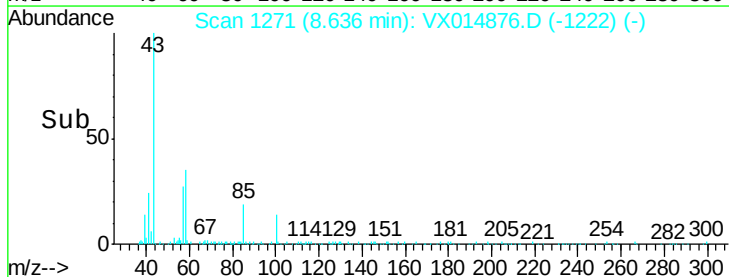
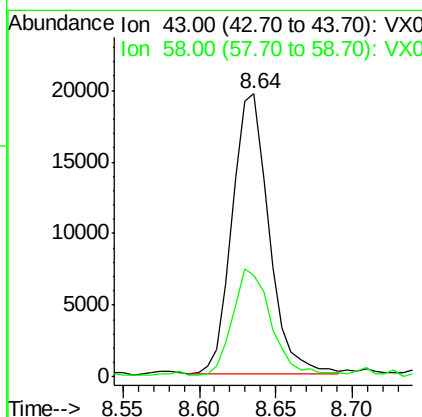
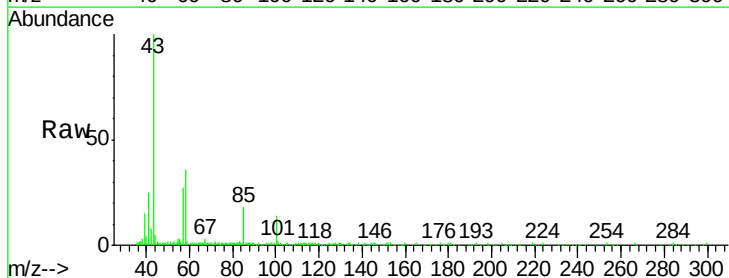
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

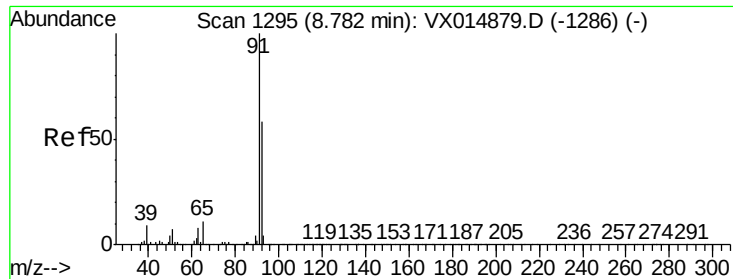
Tgt Ion: 98 Resp: 23712
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 4.27 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion: 43 Resp: 32694
Ion Ratio Lower Upper
43 100
58 39.7 31.9 47.9





#52

Toluene

Concen: 0.90 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

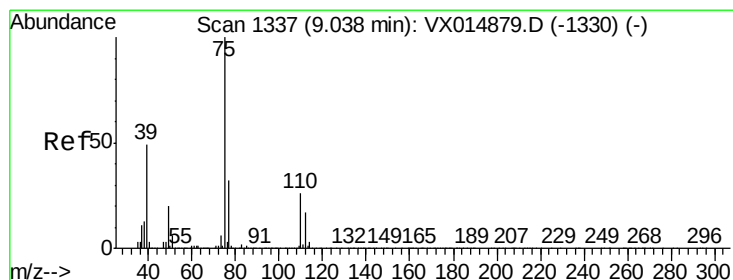
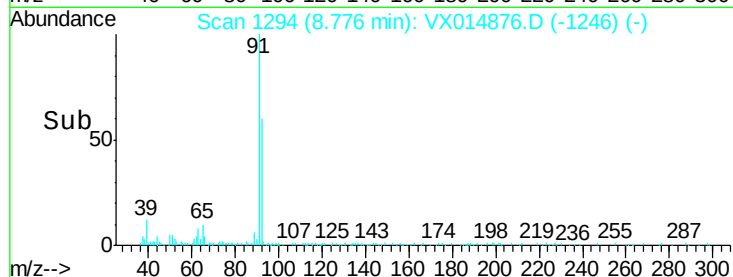
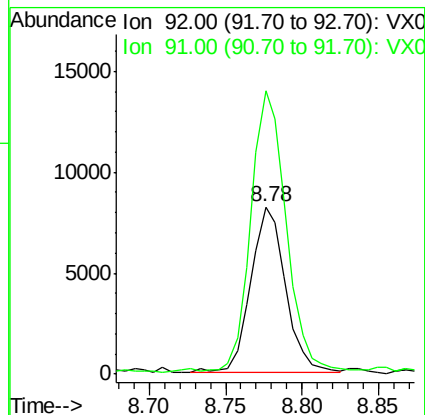
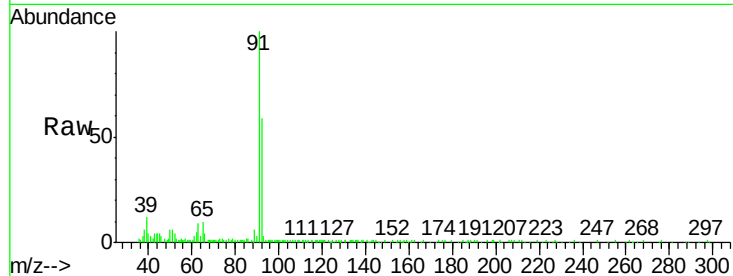
VSTDIC001

Tgt Ion: 92 Resp: 12821

Ion Ratio Lower Upper

92 100

91 171.2 137.0 205.4



#53

t-1,3-Dichloropropene

Concen: 0.83 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014876.D

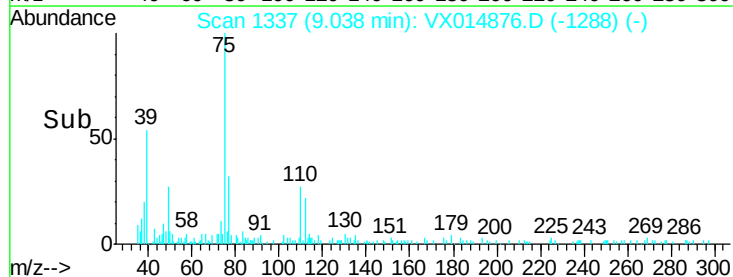
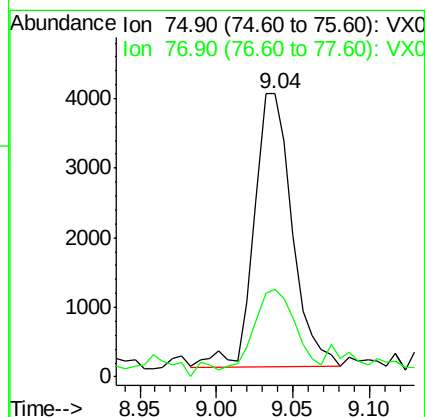
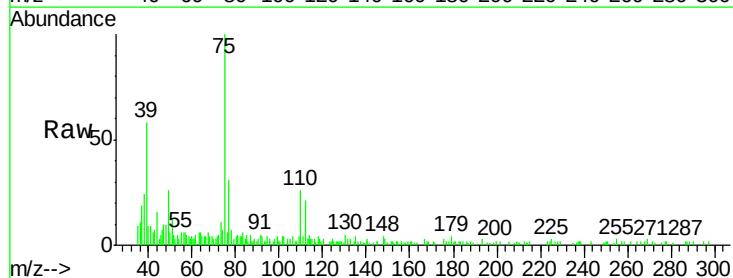
Acq: 10 Feb 2020 09:54

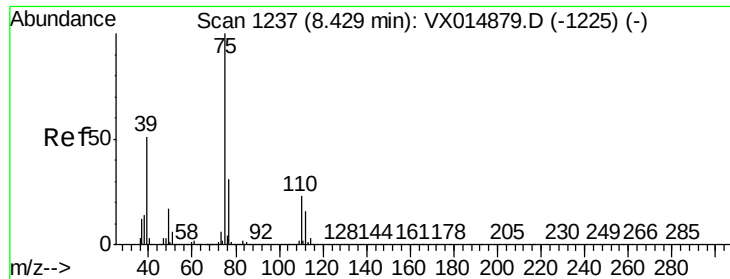
Tgt Ion: 75 Resp: 6788

Ion Ratio Lower Upper

75 100

77 32.2 25.5 38.3





#54

cis-1,3-Dichloropropene

Concen: 0.95 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

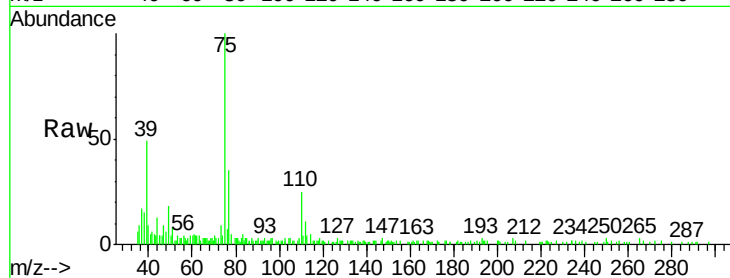
Tgt Ion: 75 Resp: 8738

Ion Ratio Lower Upper

75 100

77 29.3 24.6 37.0

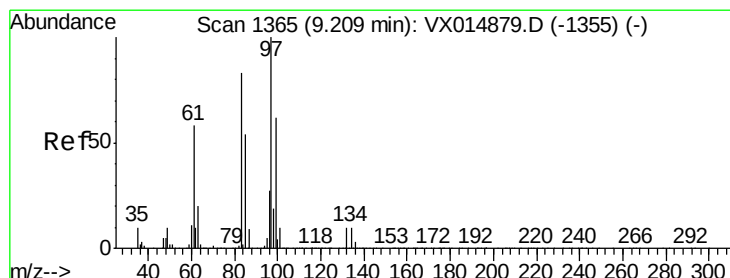
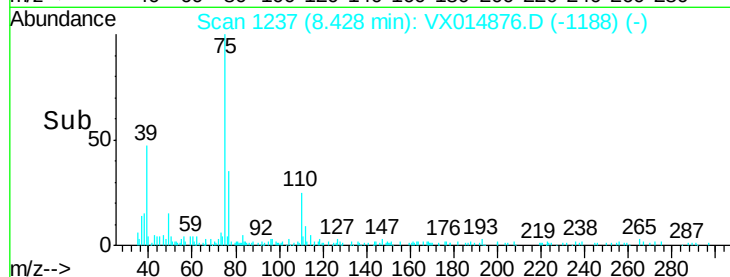
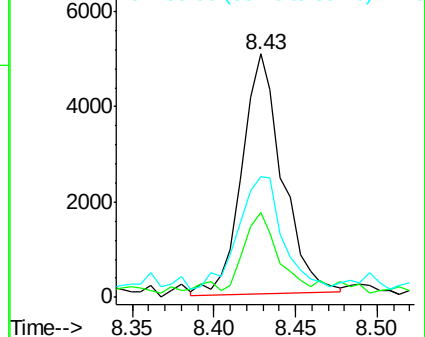
39 46.9 40.9 61.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.92 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Tgt Ion: 97 Resp: 5313

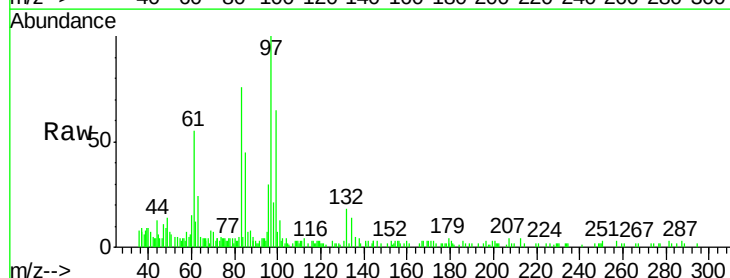
Ion Ratio Lower Upper

97 100

83 73.8 66.6 99.8

85 44.0 43.5 65.3

99 63.5 49.6 74.4

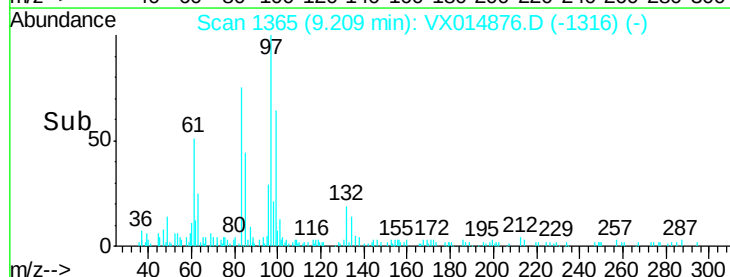
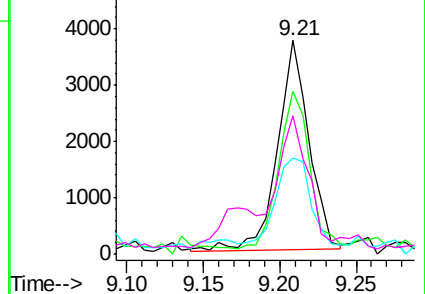


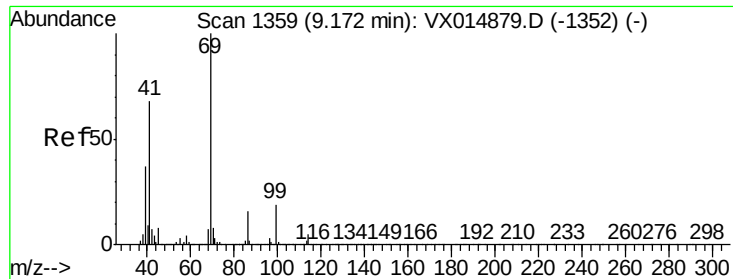
Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 0.84 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

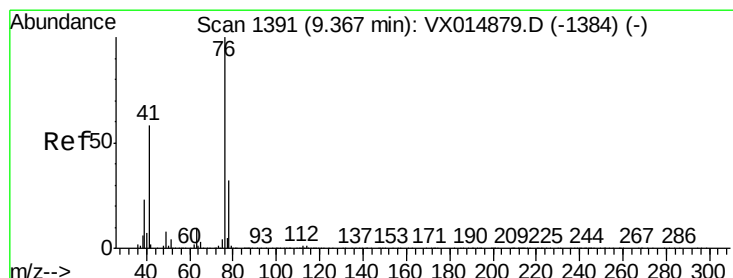
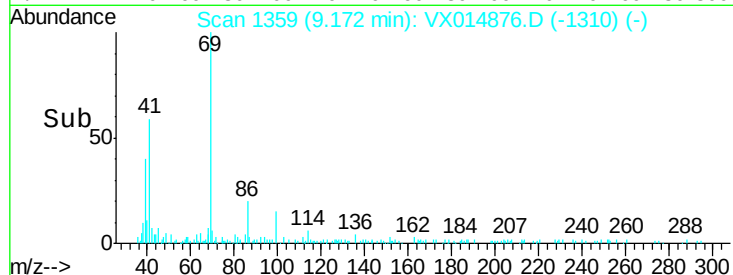
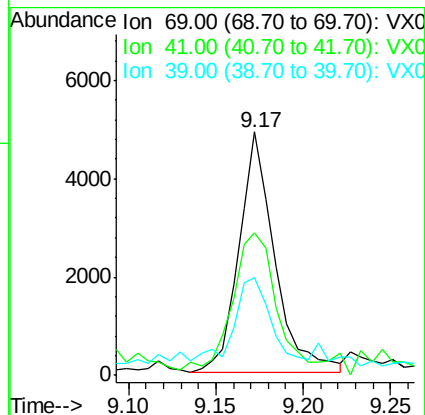
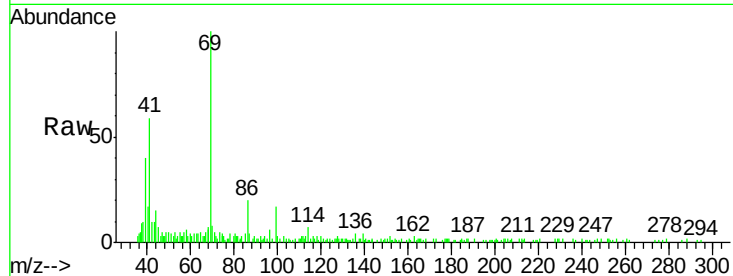
Tgt Ion: 69 Resp: 6911

Ion Ratio Lower Upper

69 100

41 68.9 54.8 82.2

39 40.7 29.9 44.9



#57

1,3-Dichloropropane

Concen: 0.96 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014876.D

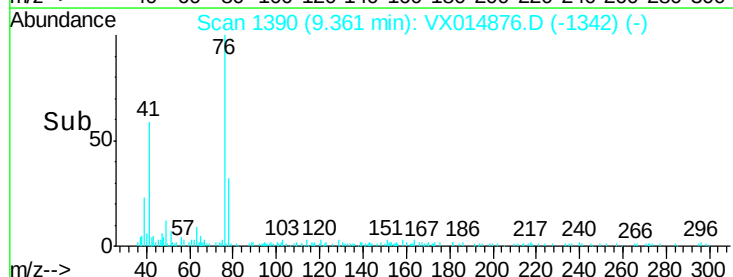
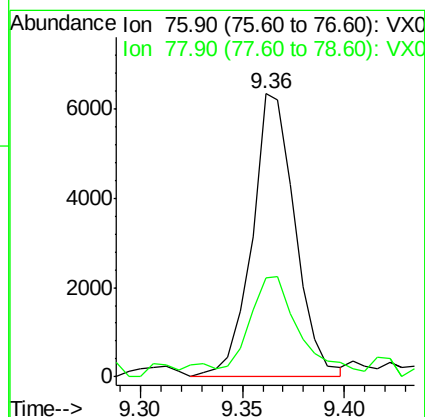
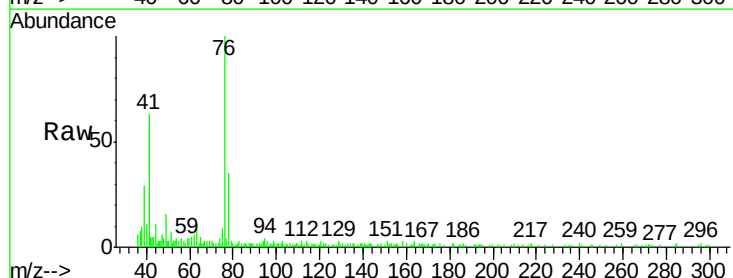
Acq: 10 Feb 2020 09:54

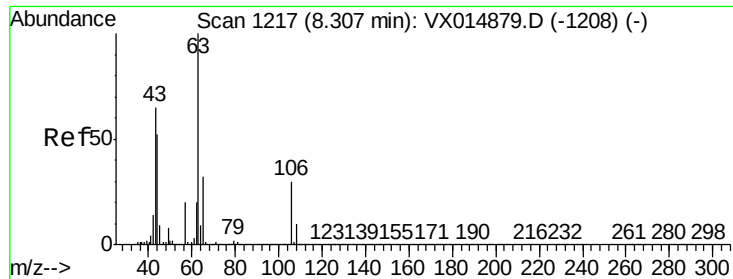
Tgt Ion: 76 Resp: 9338

Ion Ratio Lower Upper

76 100

78 39.8 25.8 38.8#

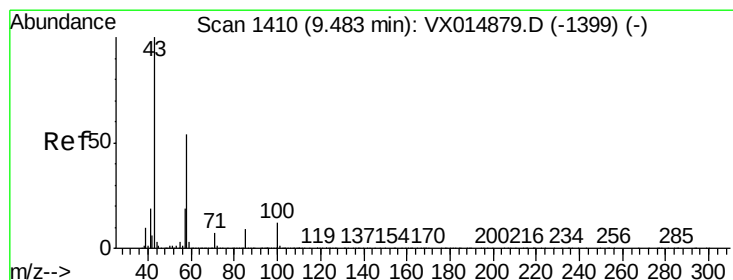
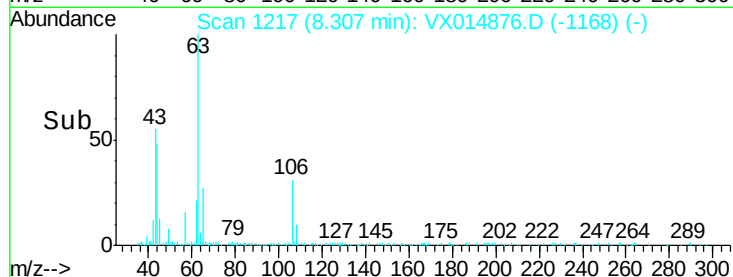
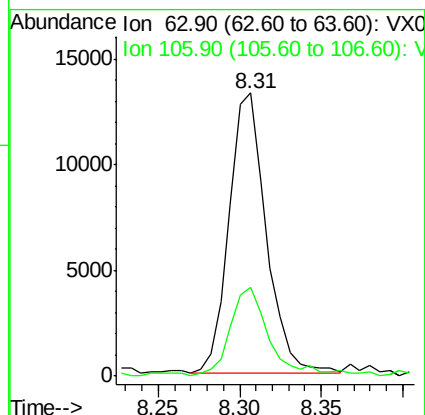
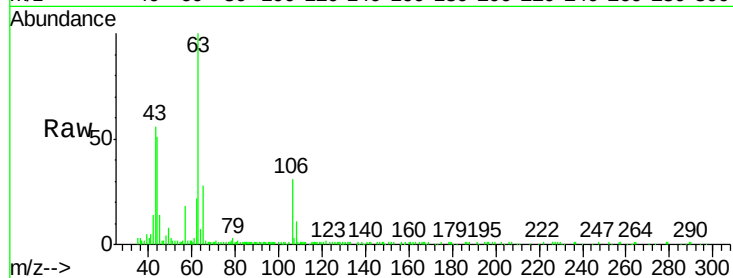




#58
 2-Chloroethyl Vinyl ether
 Concen: 4.69 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

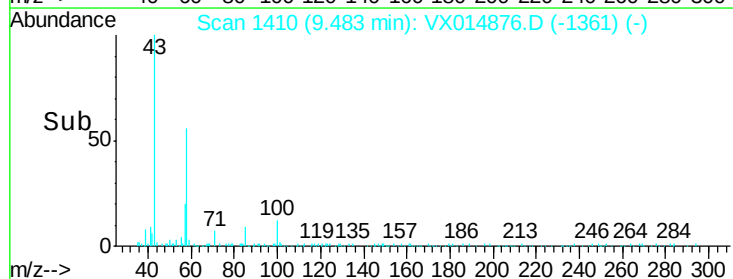
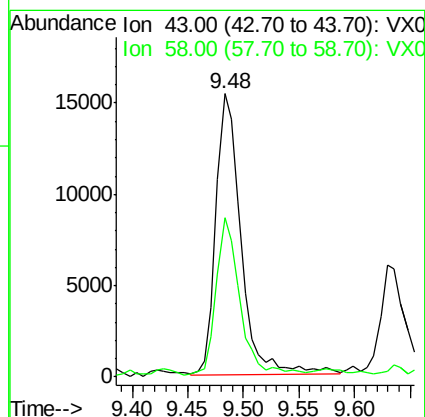
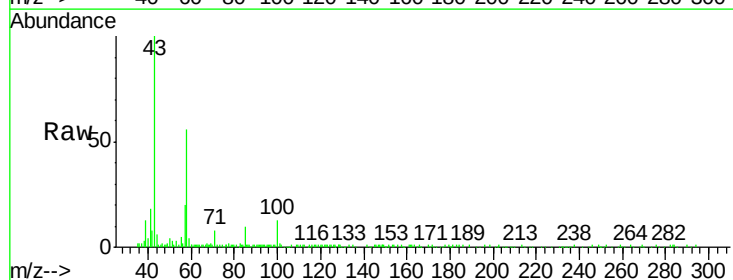
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

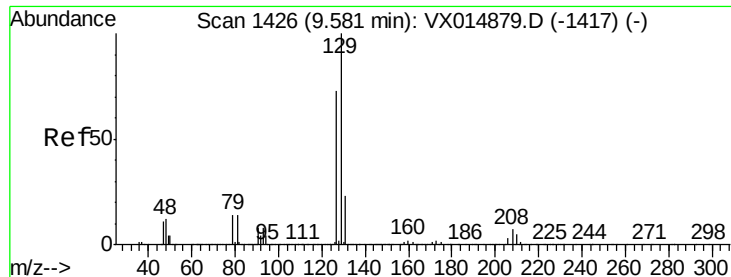
Tgt Ion: 63 Resp: 21011
 Ion Ratio Lower Upper
 63 100
 106 34.1 23.8 35.8



#59
 2-Hexanone
 Concen: 4.06 ug/l
 RT: 9.48 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion: 43 Resp: 24282
 Ion Ratio Lower Upper
 43 100
 58 52.1 27.5 82.5





#60

Dibromochloromethane

Concen: 0.87 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

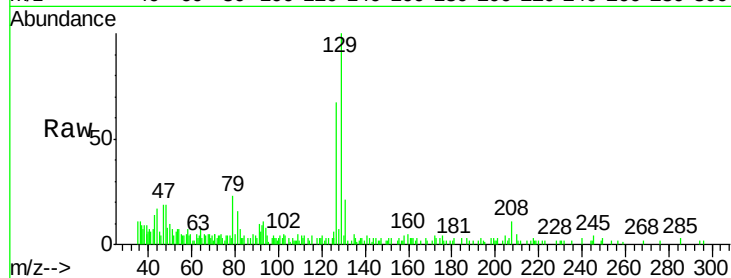
VSTDIC001

Tgt Ion:129 Resp: 5183

Ion Ratio Lower Upper

129 100

127 83.3 37.8 113.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

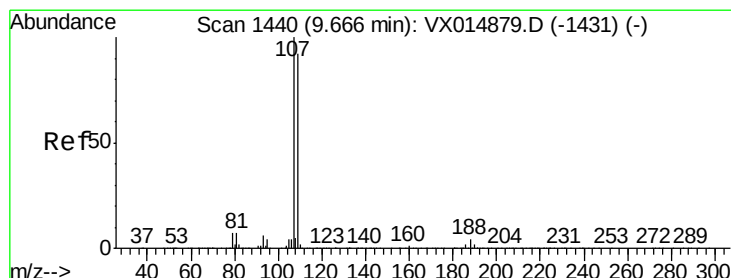
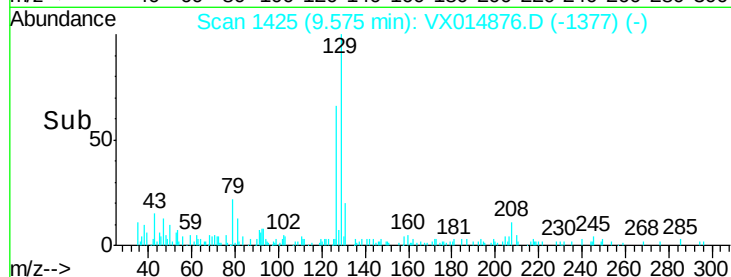
4000

3000

2000

1000

Time--> 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 0.97 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014876.D

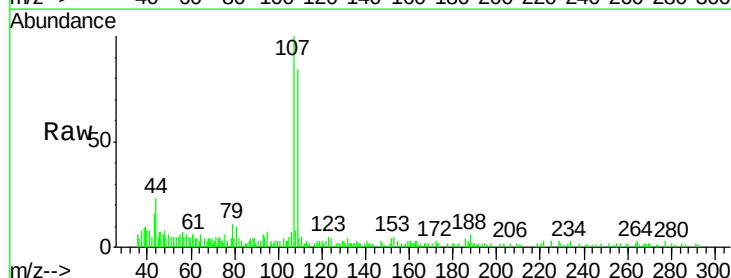
Acq: 10 Feb 2020 09:54

Tgt Ion:107 Resp: 6050

Ion Ratio Lower Upper

107 100

109 86.8 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

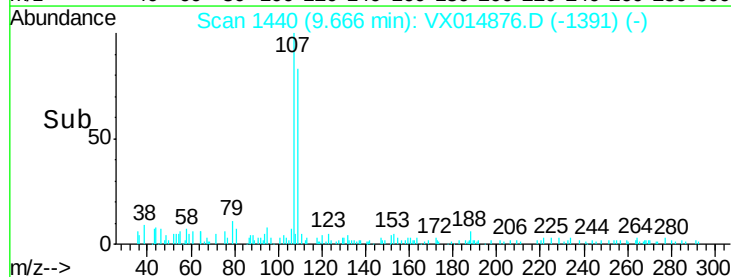
4000

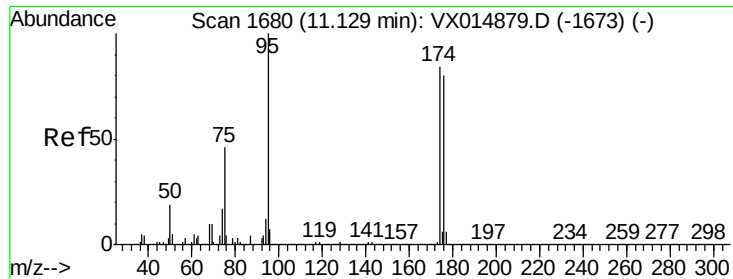
3000

2000

1000

Time--> 9.60 9.65 9.70





#62

4-Bromofluorobenzene

Concen: 1.04 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

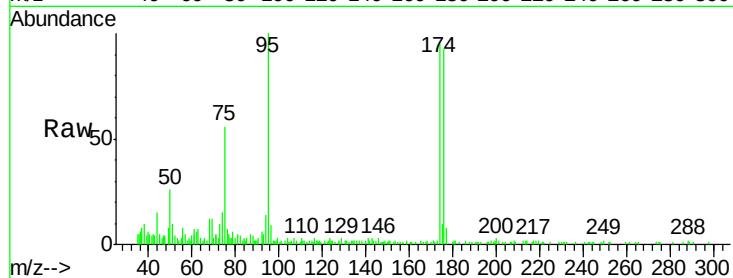
Tgt Ion: 95 Resp: 7242

Ion Ratio Lower Upper

95 100

174 99.4 0.0 183.0

176 101.0 0.0 178.0

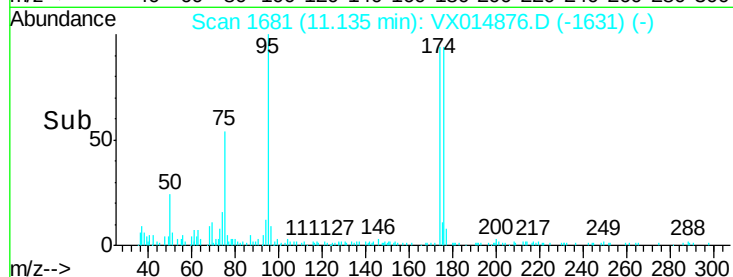


Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)

Time-->

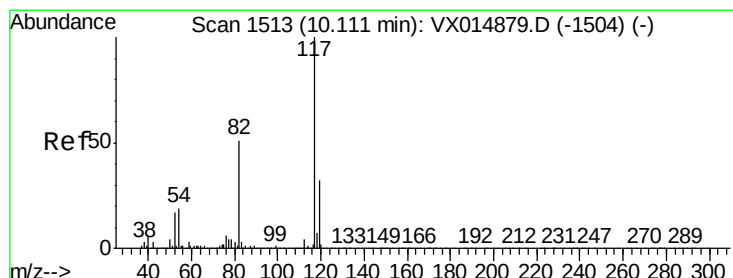


Abundance Ion 94.90 (94.60 to 95.60): VX014879.D (-1673) (-)

Ion 173.80 (173.50 to 174.50): VX014879.D (-1673) (-)

Ion 175.80 (175.50 to 176.50): VX014879.D (-1673) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

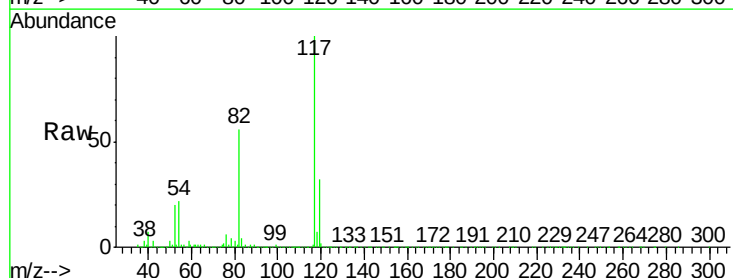
Tgt Ion: 117 Resp: 772089

Ion Ratio Lower Upper

117 100

82 55.6 40.5 60.7

119 31.8 25.8 38.6

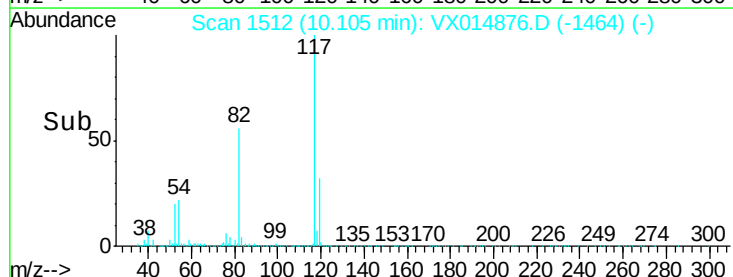


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)

Time-->

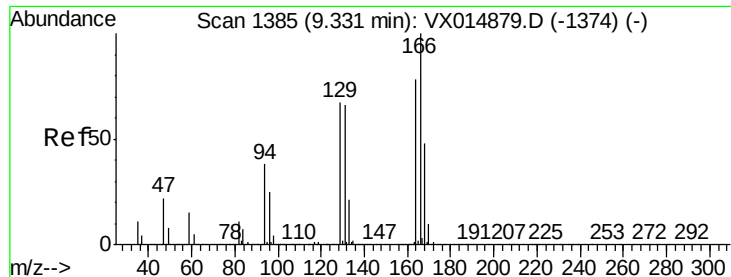


Abundance Ion 116.90 (116.60 to 117.60): VX014879.D (-1504) (-)

Ion 82.00 (81.70 to 82.70): VX014879.D (-1504) (-)

Ion 118.90 (118.60 to 119.60): VX014879.D (-1504) (-)

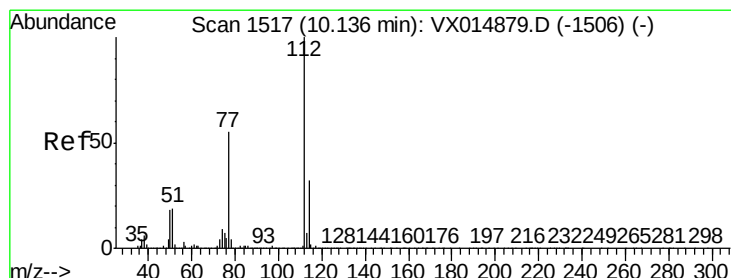
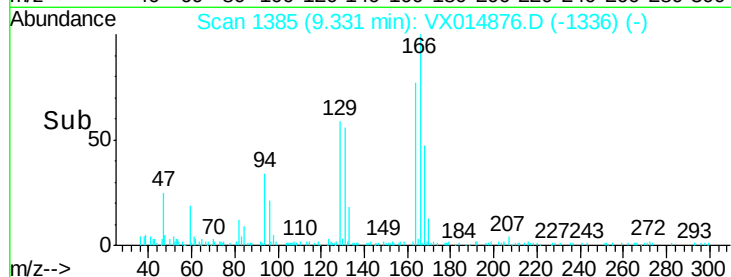
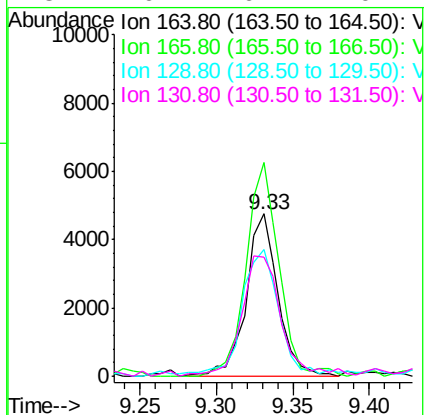
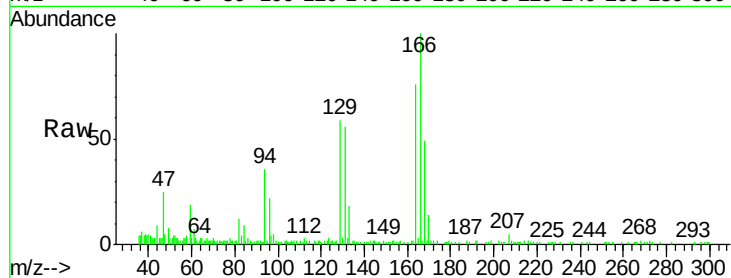
Time-->



#64
Tetrachloroethene
Concen: 0.96 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

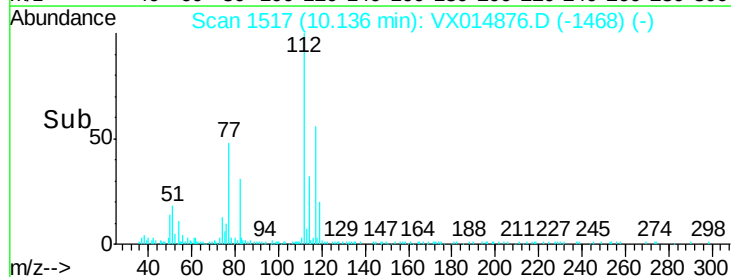
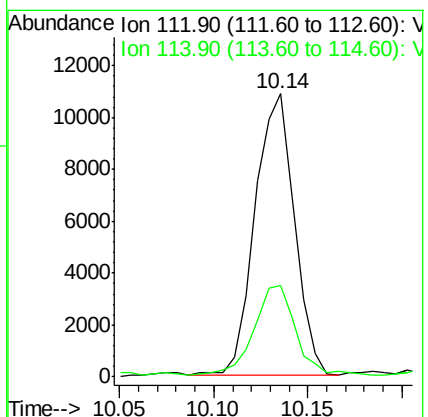
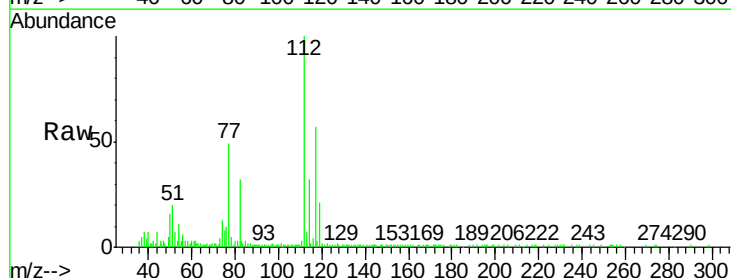
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

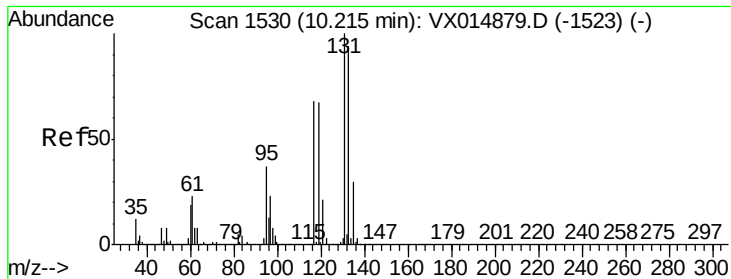
Tgt Ion:164 Resp: 6829
Ion Ratio Lower Upper
164 100
166 131.7 102.6 153.8
129 75.5 68.3 102.5
131 70.1 67.4 101.2



#65
Chlorobenzene
Concen: 1.00 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion:112 Resp: 15689
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

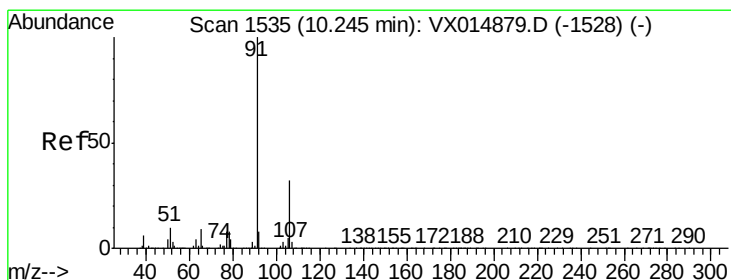
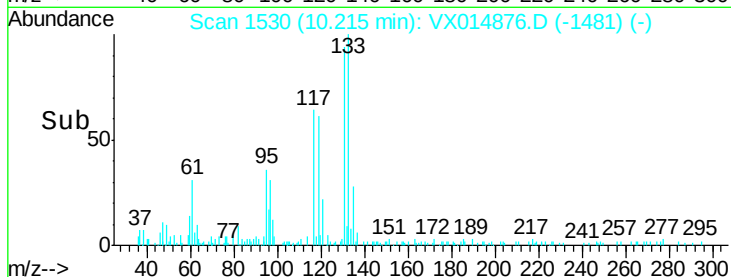
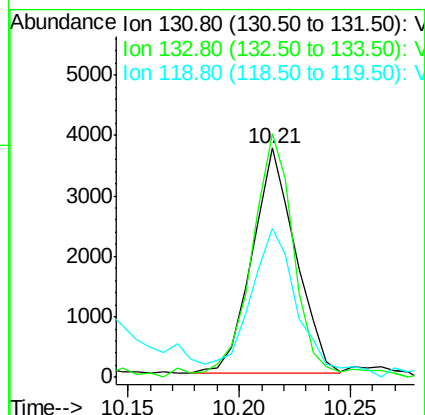
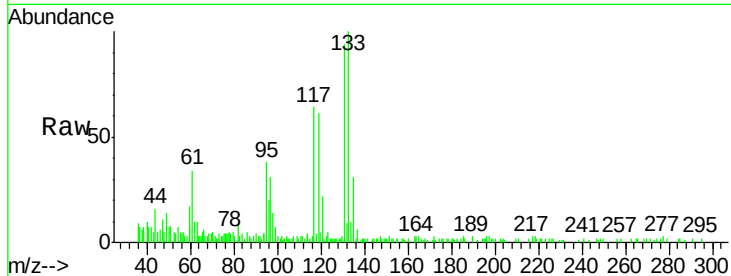




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.91 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

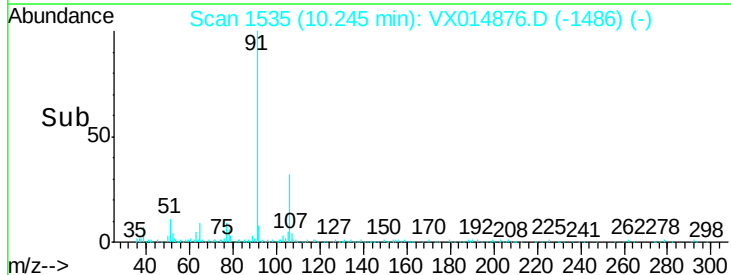
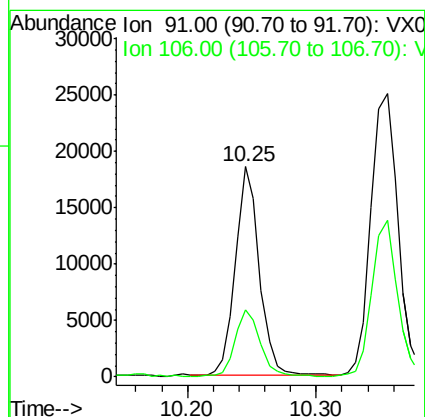
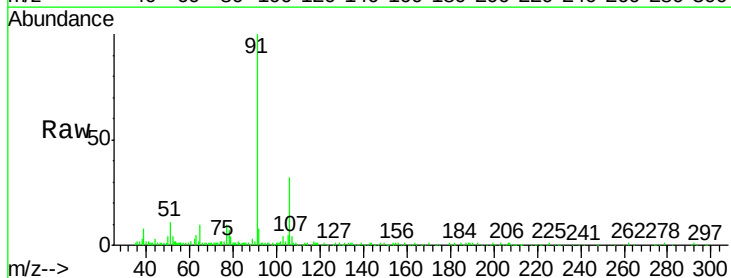
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

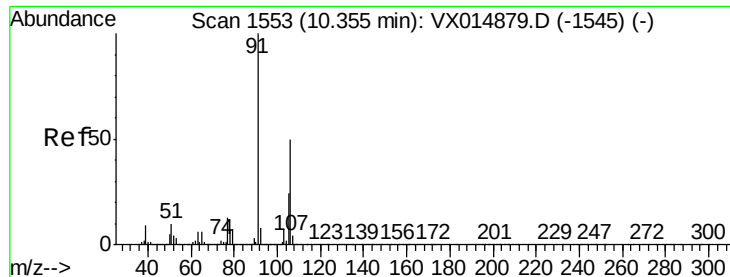
Tgt Ion: 131 Resp: 5051
 Ion Ratio Lower Upper
 131 100
 133 108.9 48.1 144.4
 119 0.0 33.0 99.0#



#67
 Ethyl Benzene
 Concen: 0.92 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion: 91 Resp: 24134
 Ion Ratio Lower Upper
 91 100
 106 32.0 25.3 37.9





#68

m/p-Xylenes

Concen: 1.91 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

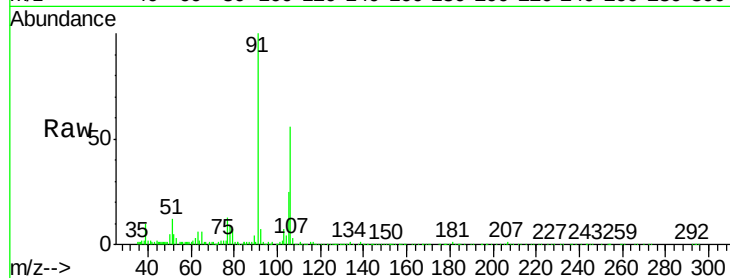
VSTDIC001

Tgt Ion:106 Resp: 19179

Ion Ratio Lower Upper

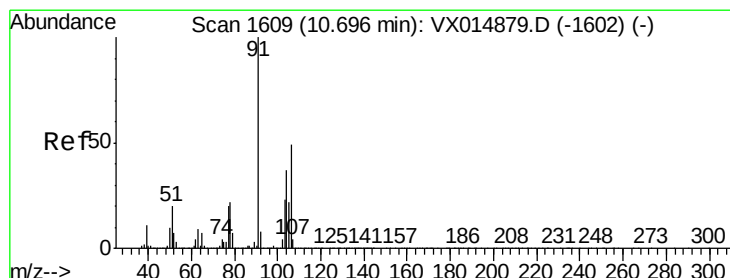
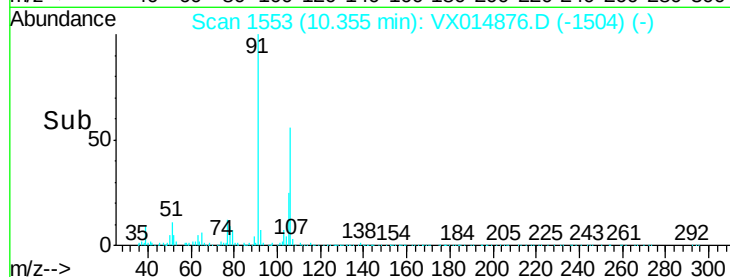
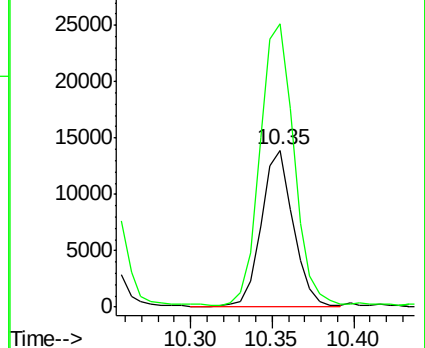
106 100

91 188.5 160.6 240.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.95 ug/l

RT: 10.69 min Scan# 1608

Delta R.T. -0.01 min

Lab File: VX014876.D

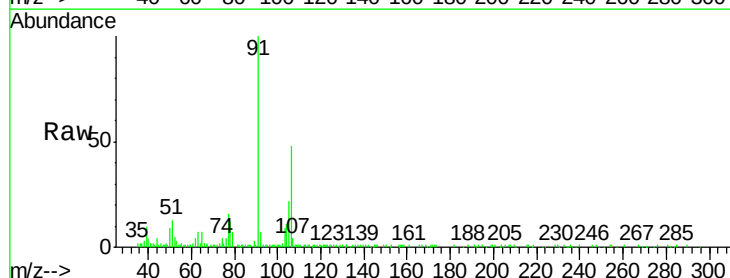
Acq: 10 Feb 2020 09:54

Tgt Ion:106 Resp: 9172

Ion Ratio Lower Upper

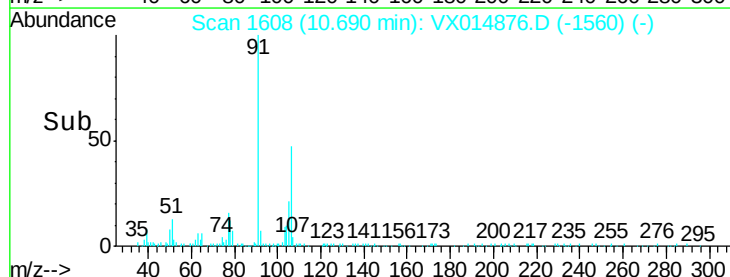
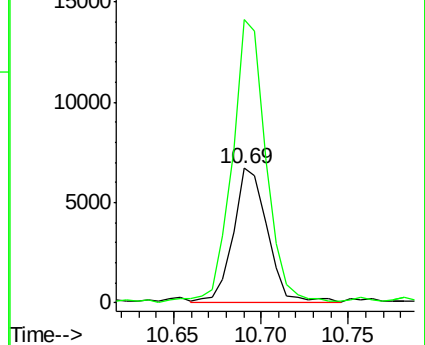
106 100

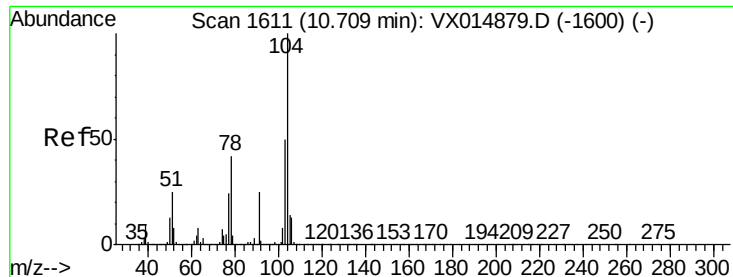
91 207.9 105.1 315.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Styrene

Concen: 0.87 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

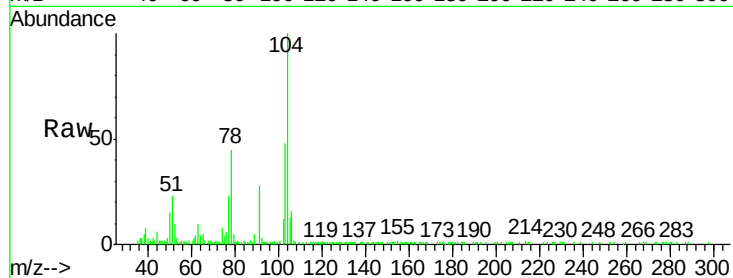
Tgt Ion:104 Resp: 13908

Ion Ratio Lower Upper

104 100

78 54.6 39.0 58.4

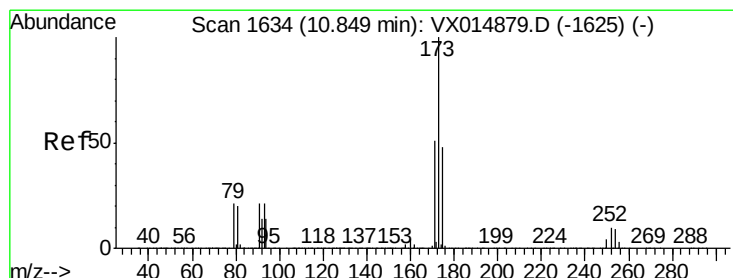
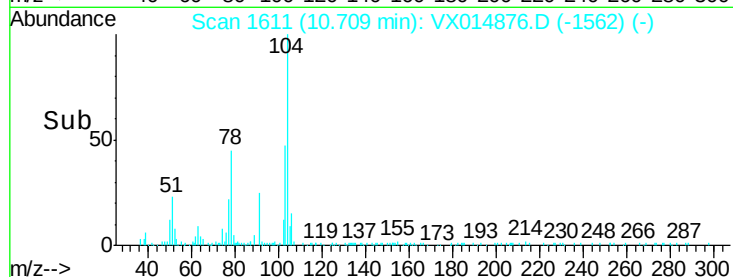
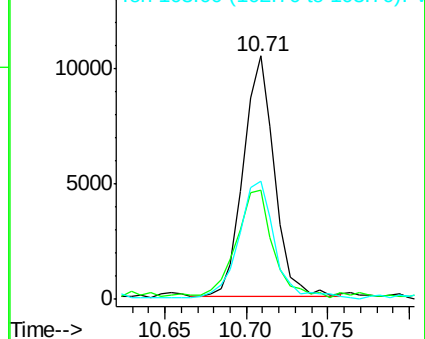
103 58.5 43.4 65.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.89 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

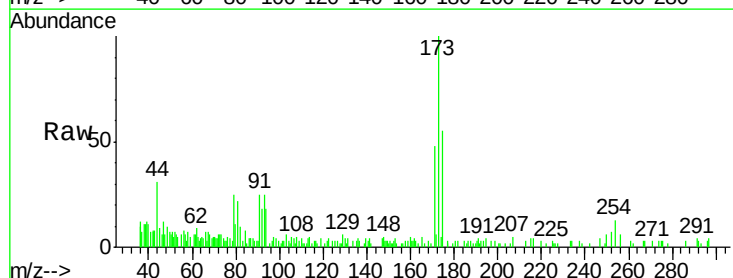
Tgt Ion:173 Resp: 3983

Ion Ratio Lower Upper

173 100

175 56.5 24.2 72.6

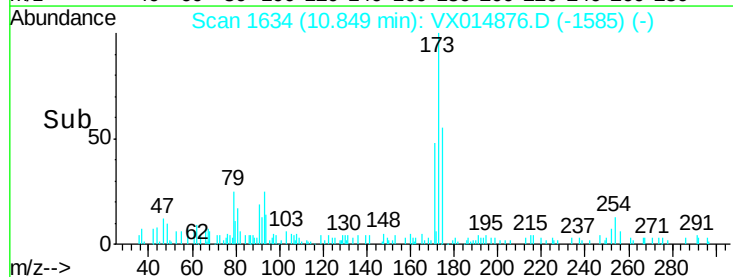
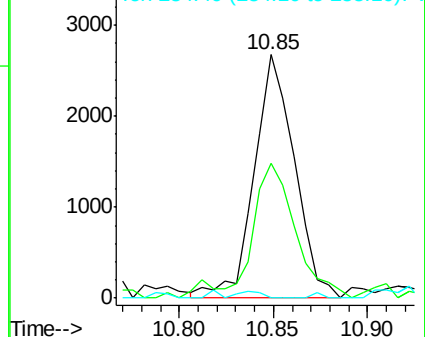
254 1.7 0.2 0.2#

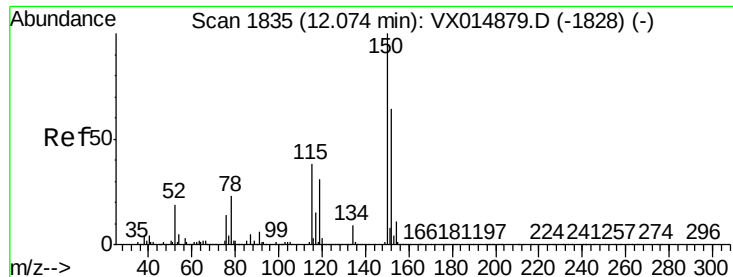


Abundance Ion 172.70 (172.40 to 173.40): V

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: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

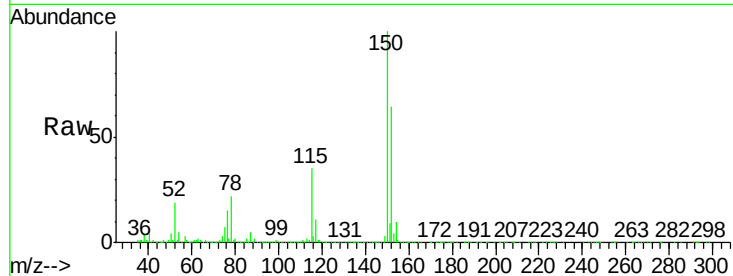
Tgt Ion:152 Resp: 399825

Ion Ratio Lower Upper

152 100

115 55.6 38.6 116.0

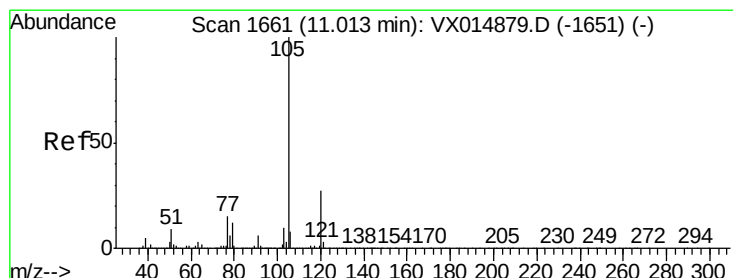
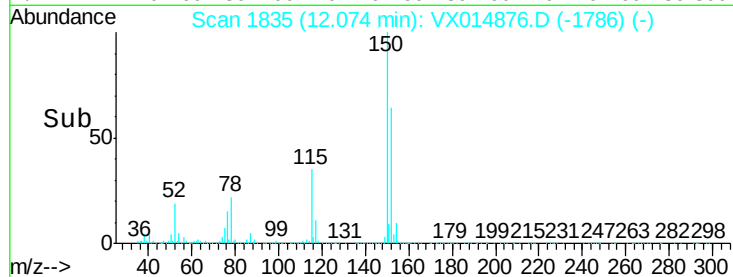
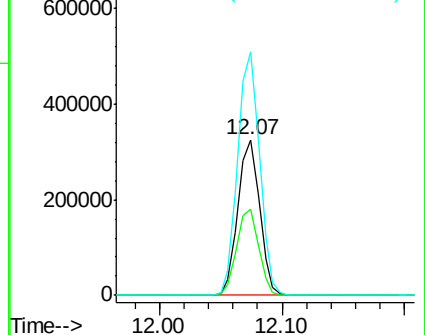
150 157.4 0.0 349.0



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: 0.87 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014876.D

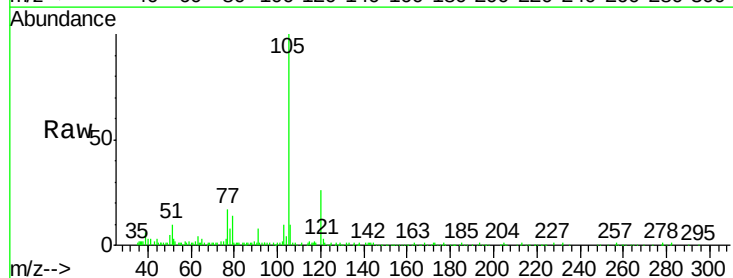
Acq: 10 Feb 2020 09:54

Tgt Ion:105 Resp: 21774

Ion Ratio Lower Upper

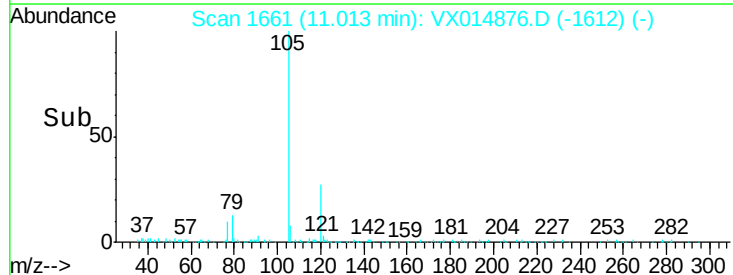
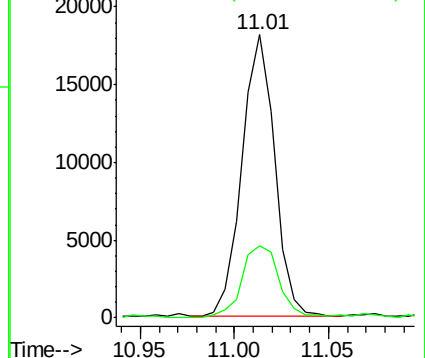
105 100

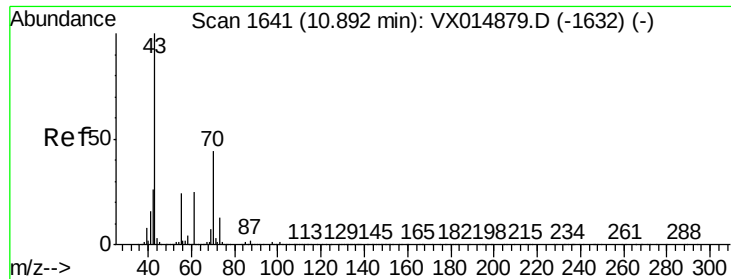
120 29.7 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyI acetate

Concen: 0.81 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 7983

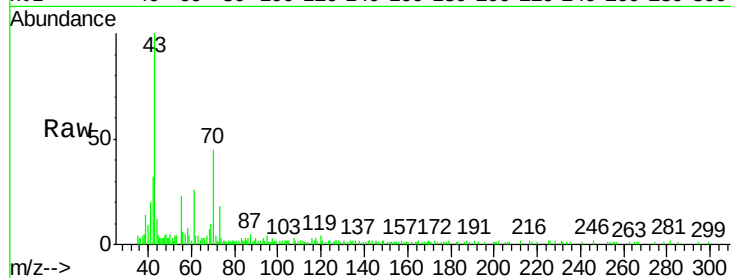
Ion Ratio Lower Upper

43 100

70 47.1 35.0 52.4

55 23.9 19.4 29.2

61 35.7 19.8 29.6#

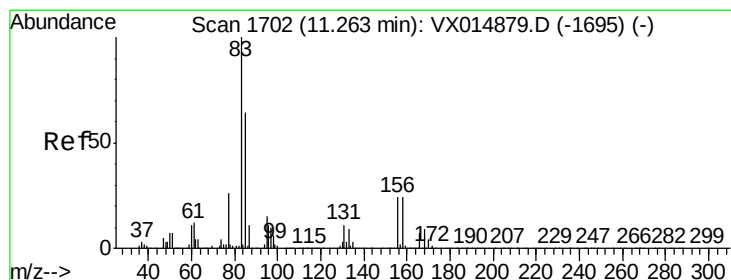
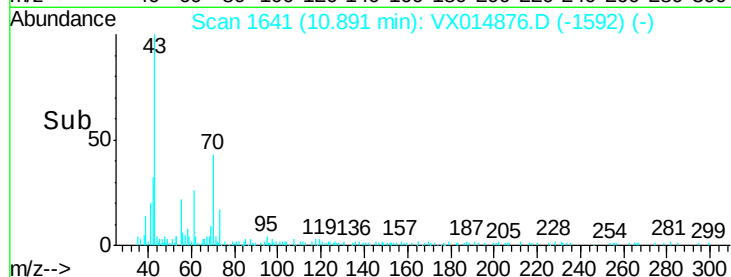
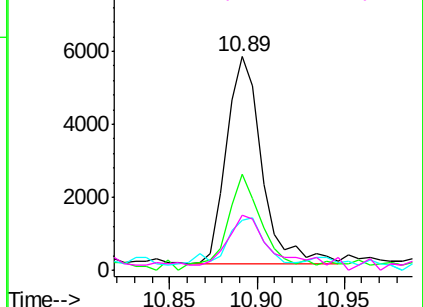


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.03 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

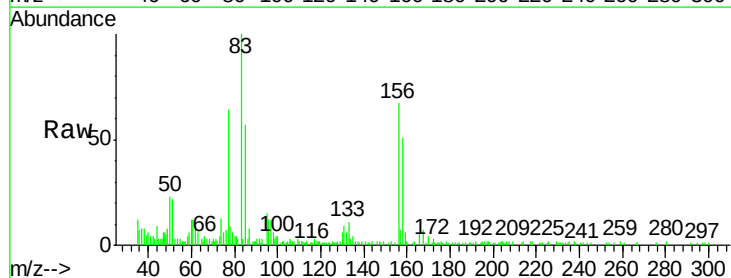
Tgt Ion: 83 Resp: 8449

Ion Ratio Lower Upper

83 100

131 11.1 5.3 16.1

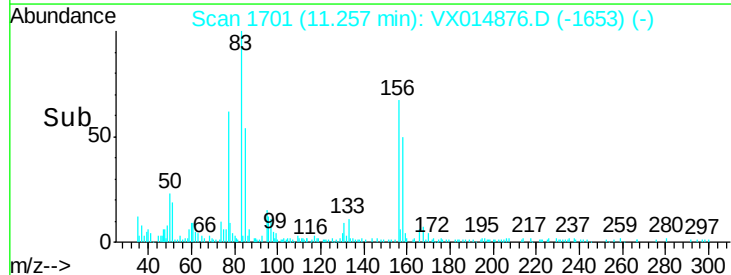
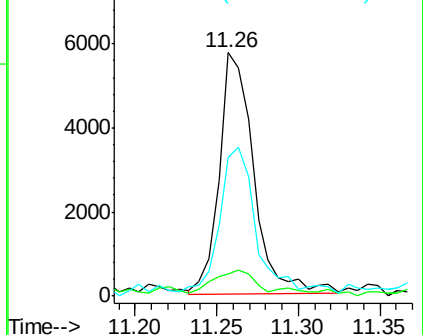
85 64.9 32.6 97.7

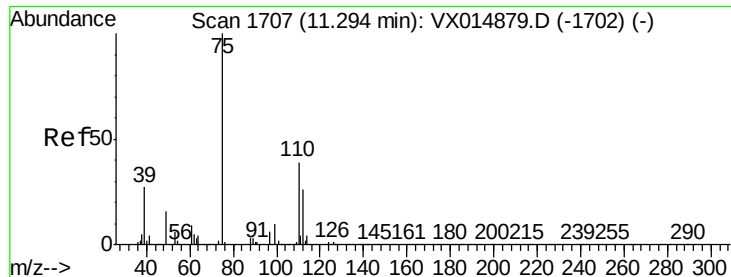


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 0.93 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

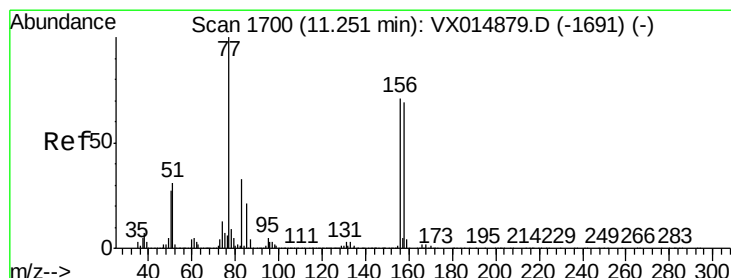
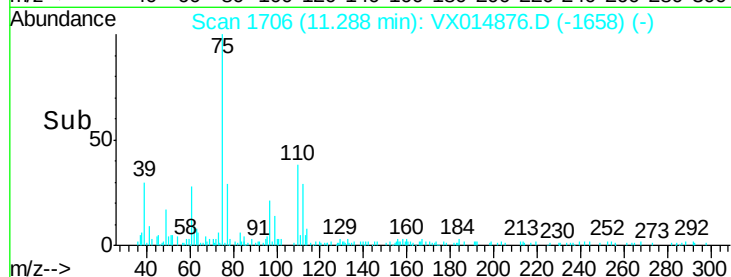
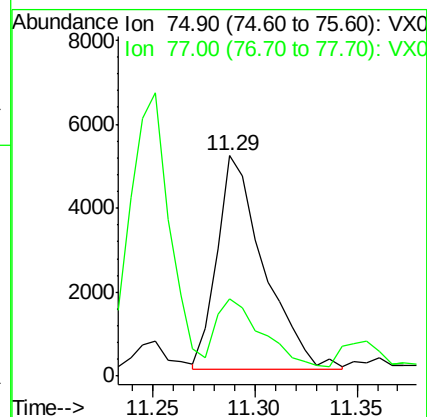
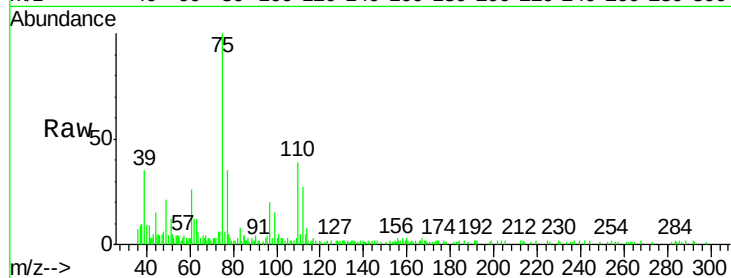
VSTDIC001

Tgt Ion: 75 Resp: 8068

Ion Ratio Lower Upper

75 100

77 34.6 18.4 55.0



#77

Bromobenzene

Concen: 1.00 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

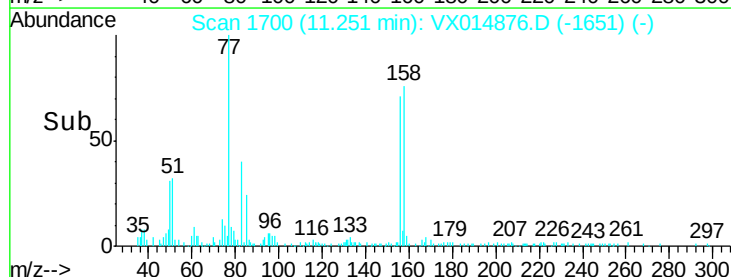
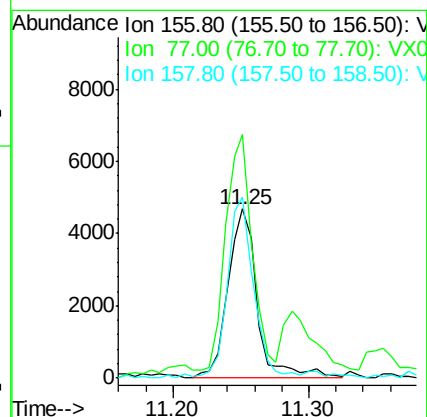
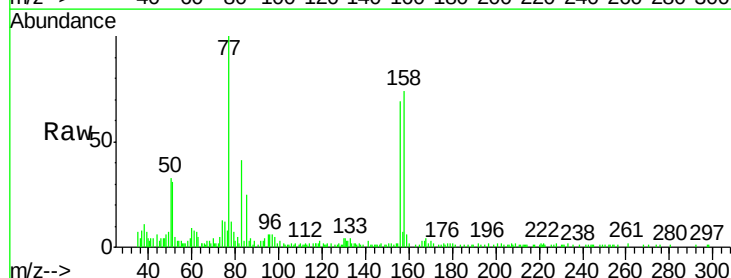
Tgt Ion: 156 Resp: 6999

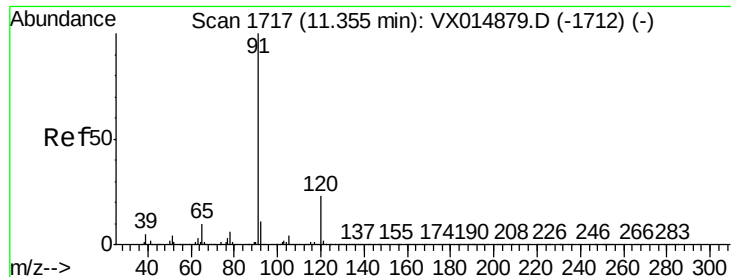
Ion Ratio Lower Upper

156 100

77 128.8 74.0 222.0

158 96.5 48.9 146.6





#78

n-propylbenzene

Concen: 0.90 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

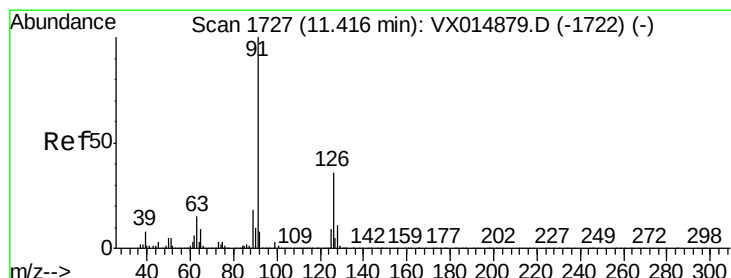
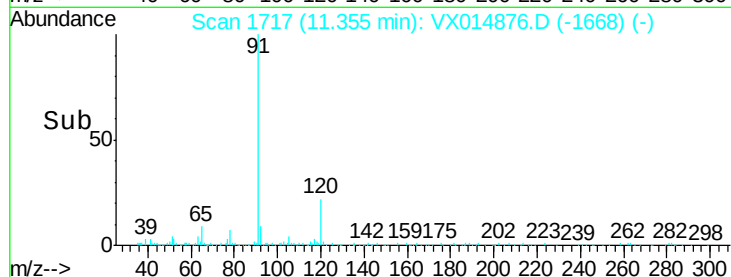
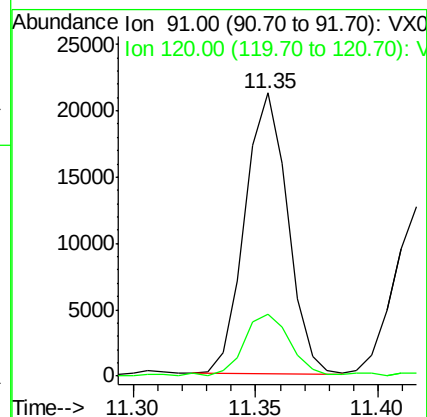
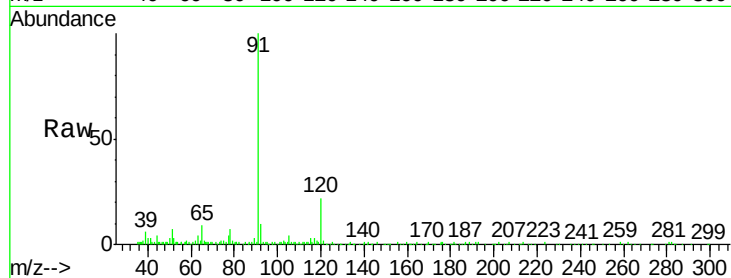
VSTDIC001

Tgt Ion: 91 Resp: 25733

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.92 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014876.D

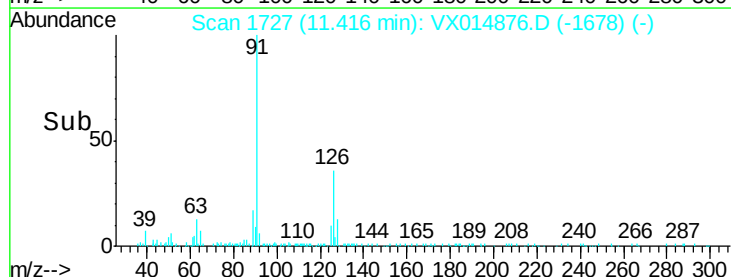
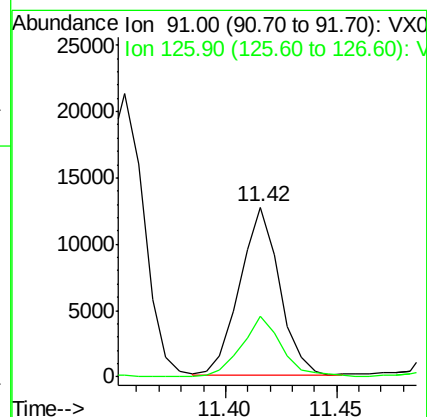
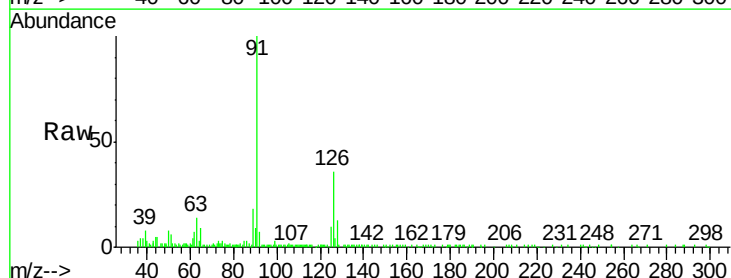
Acq: 10 Feb 2020 09:54

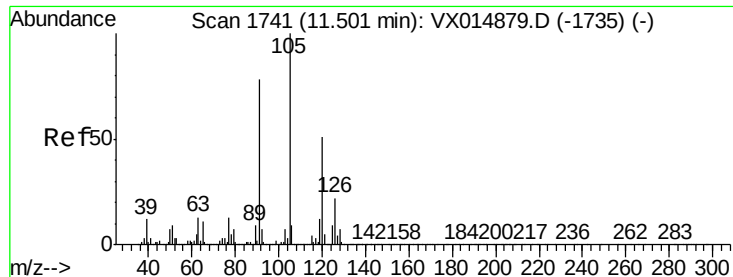
Tgt Ion: 91 Resp: 15667

Ion Ratio Lower Upper

91 100

126 37.4 18.0 54.0





#80

1,3,5-Trimethylbenzene

Concen: 0.84 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

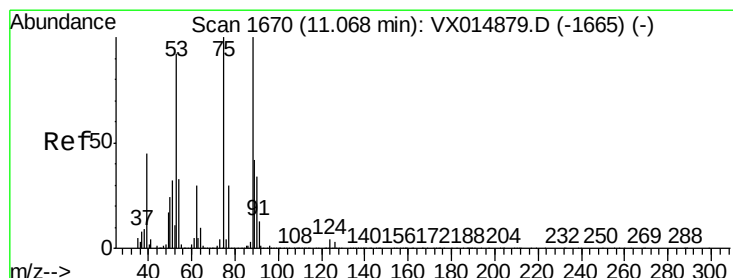
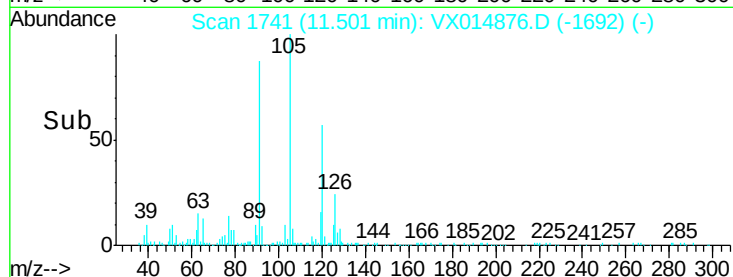
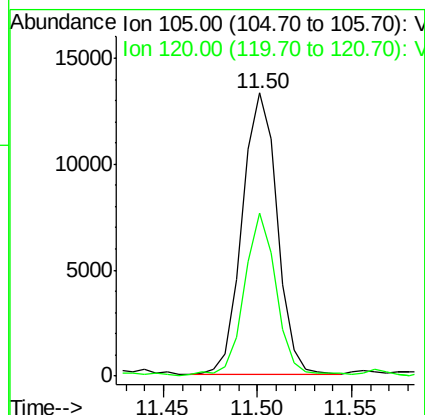
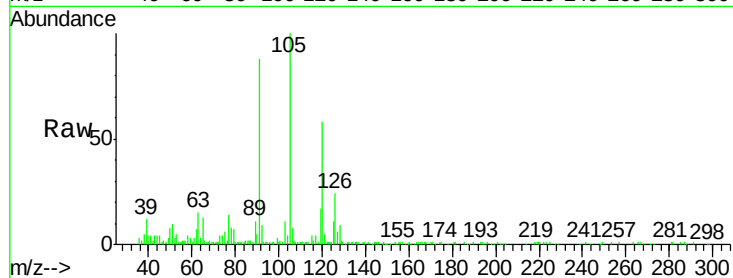
VSTDIC001

Tgt Ion:105 Resp: 17124

Ion Ratio Lower Upper

105 100

120 53.6 25.6 76.6



#81

trans-1,4-Dichloro-2-butene

Concen: 0.71 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

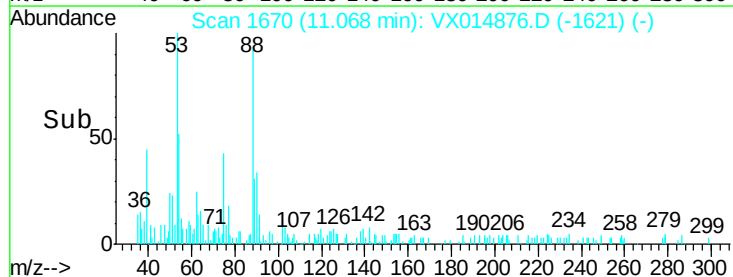
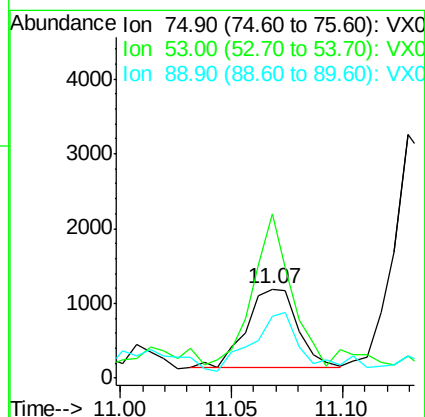
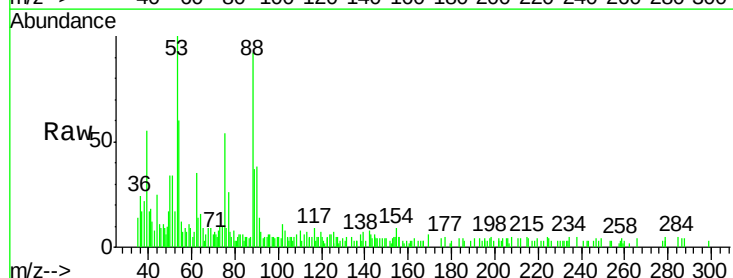
Tgt Ion: 75 Resp: 1707

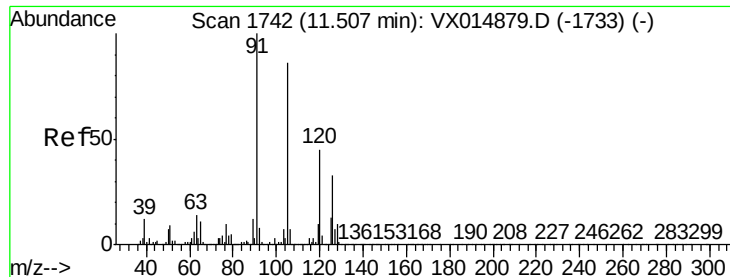
Ion Ratio Lower Upper

75 100

53 147.7 76.2 114.2#

89 77.0 35.8 53.6#





#82

4-Chlorotoluene

Concen: 0.95 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

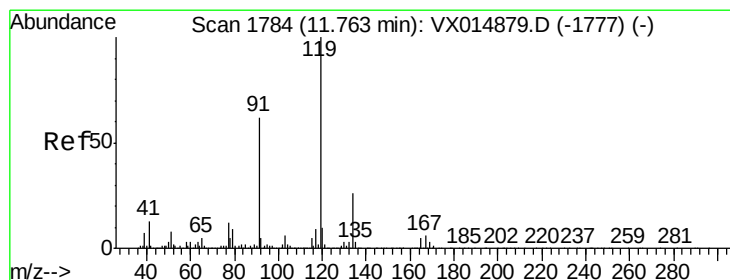
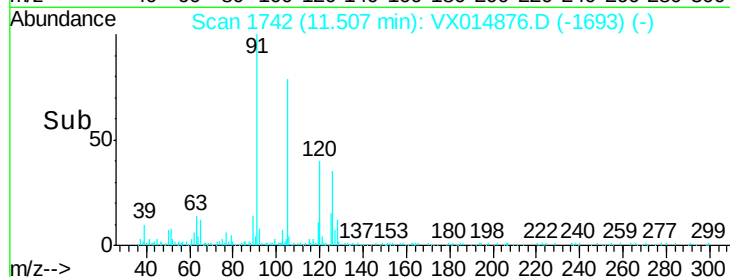
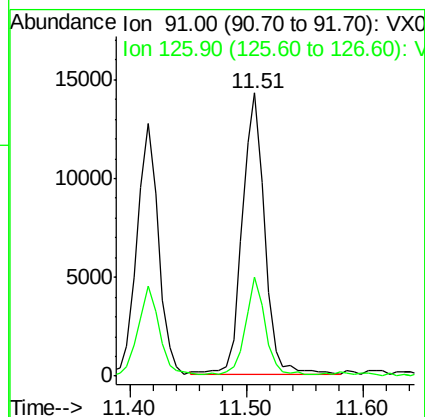
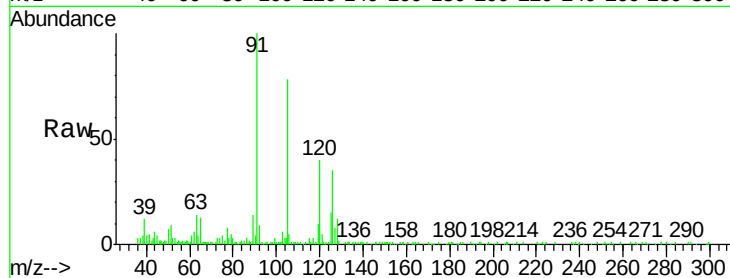
VSTDIC001

Tgt Ion: 91 Resp: 19016

Ion Ratio Lower Upper

91 100

126 31.1 15.7 47.0



#83

tert-Butylbenzene

Concen: 0.91 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

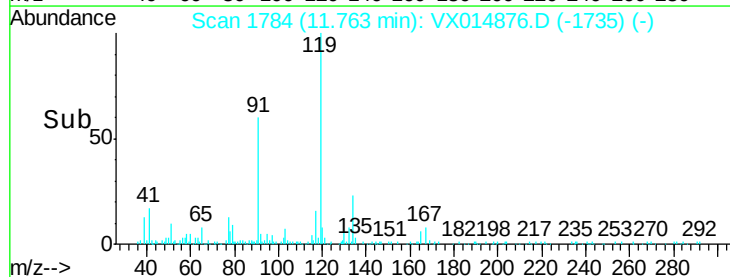
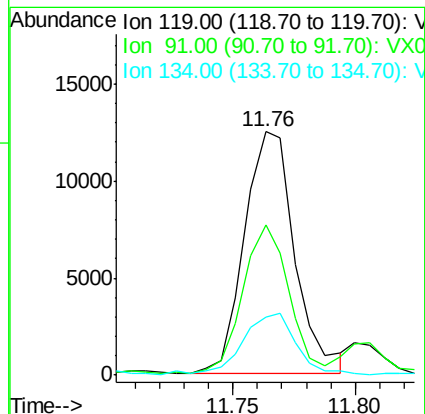
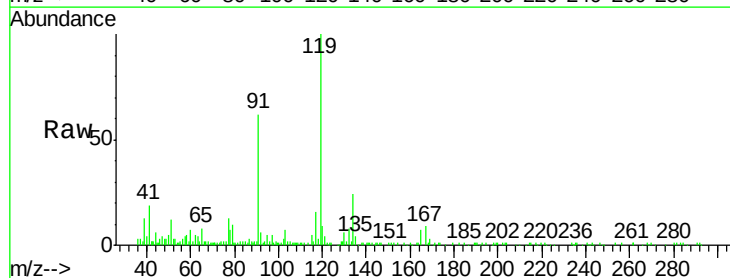
Tgt Ion: 119 Resp: 17924

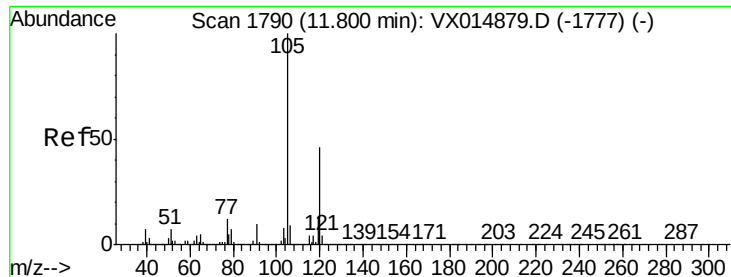
Ion Ratio Lower Upper

119 100

91 56.4 29.5 88.6

134 27.6 12.6 37.6

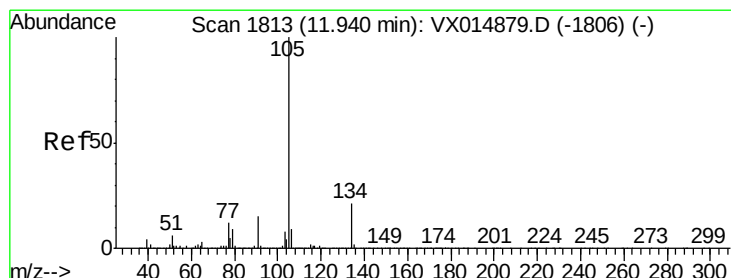
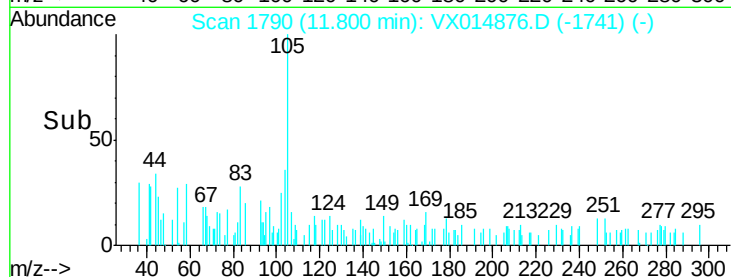
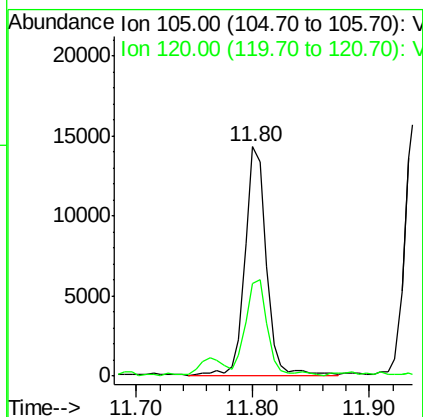
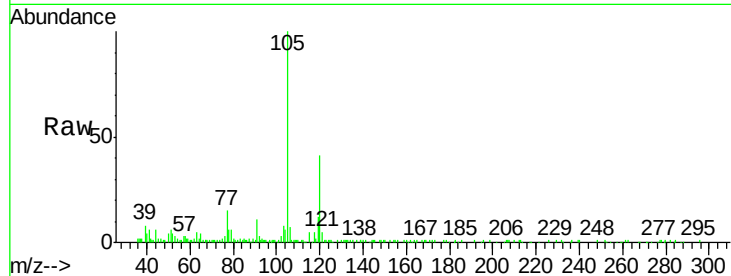




#84
 1,2,4-Trimethylbenzene
 Concen: 0.88 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

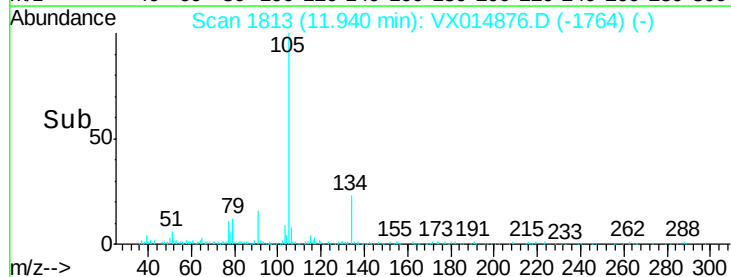
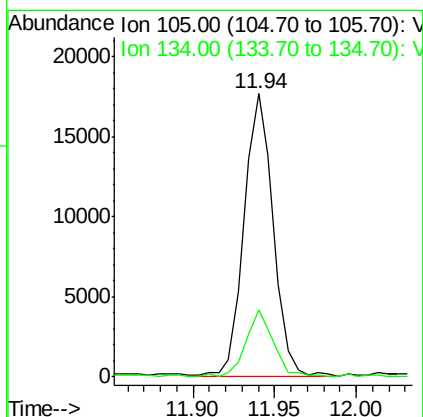
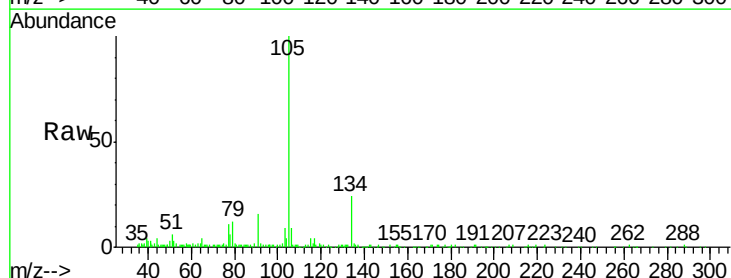
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

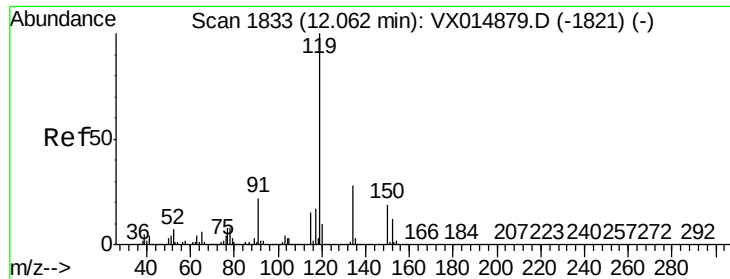
Tgt Ion:105 Resp: 18263
 Ion Ratio Lower Upper
 105 100
 120 40.5 23.0 69.0



#85
 sec-Butylbenzene
 Concen: 0.91 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion:105 Resp: 22161
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.6 31.8

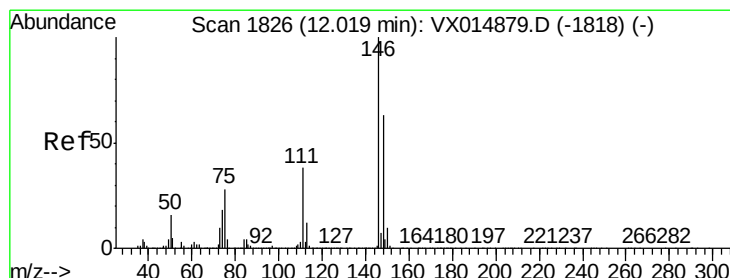
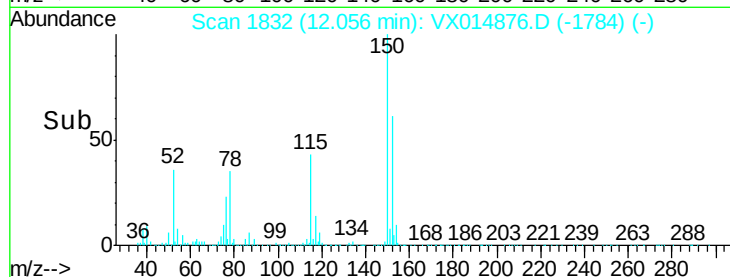
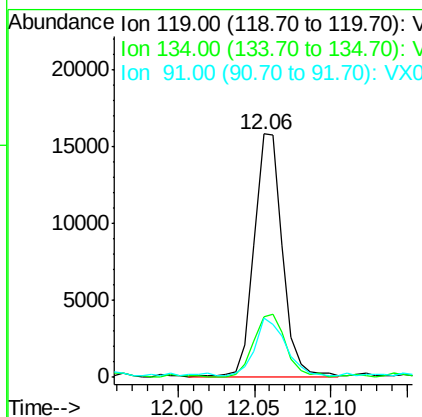
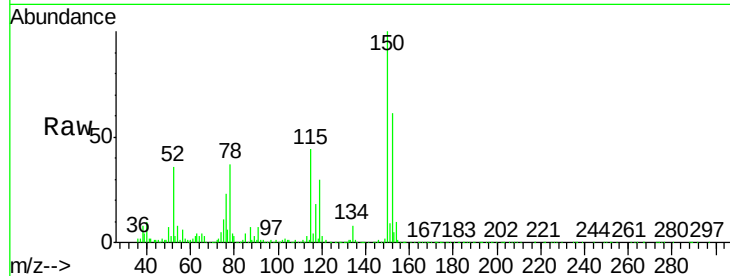




#86
p-Isopropyltoluene
Concen: 0.91 ug/l
RT: 12.06 min Scan# 1832
Delta R.T. -0.01 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

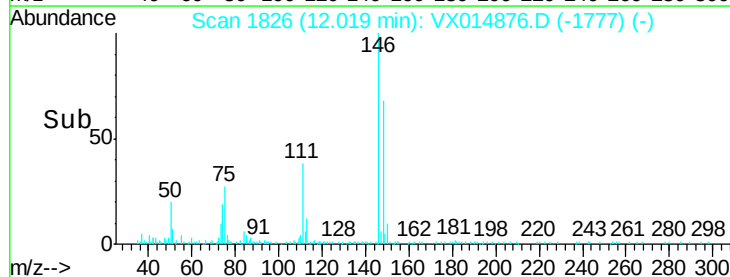
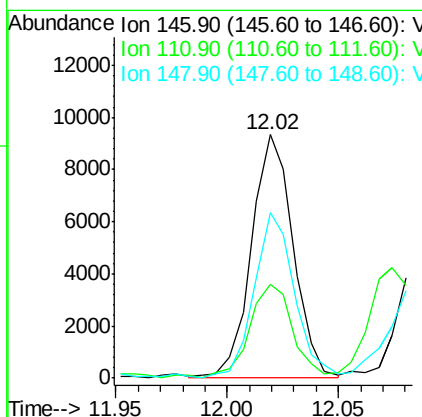
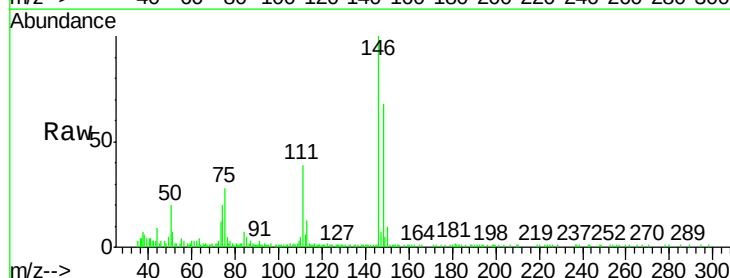
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

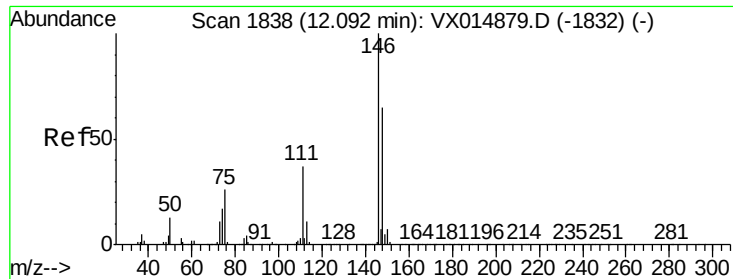
Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.8	13.5	40.5
91	24.8	11.4	34.1



#87
1,3-Dichlorobenzene
Concen: 0.98 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VX014876.D
Acq: 10 Feb 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.6	56.0
148	65.6	31.8	95.4

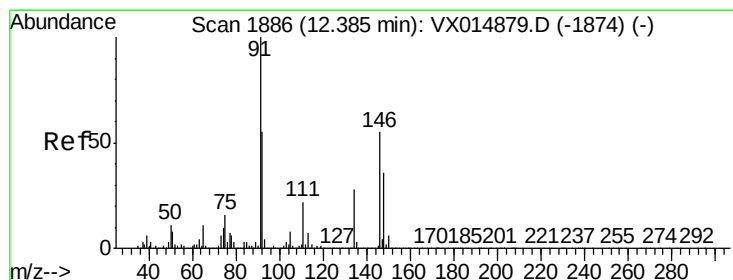
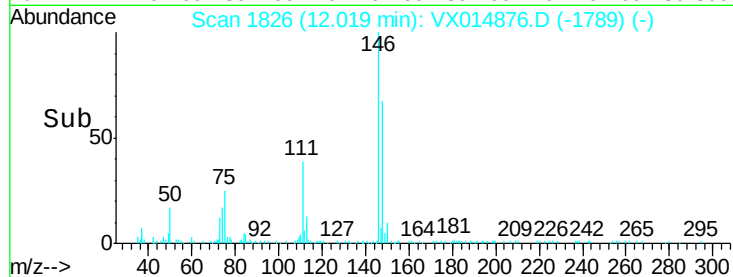
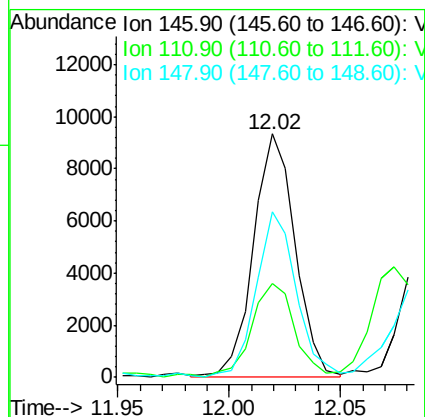
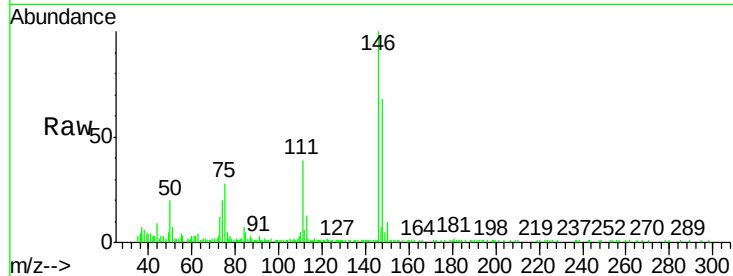




#88
 1,4-Dichlorobenzene
 Concen: 0.97 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.07 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

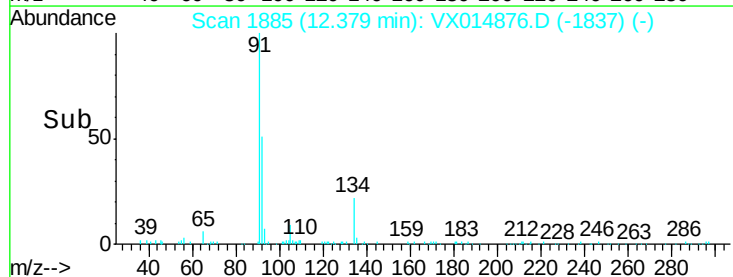
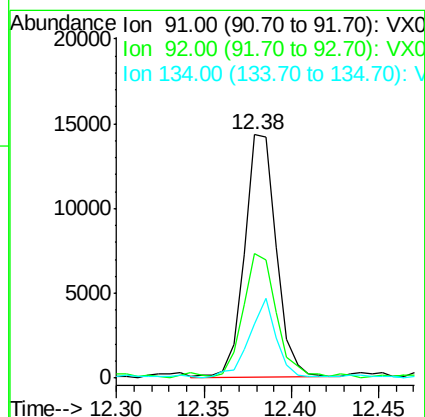
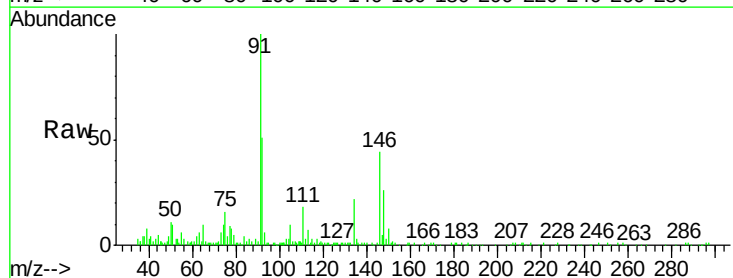
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

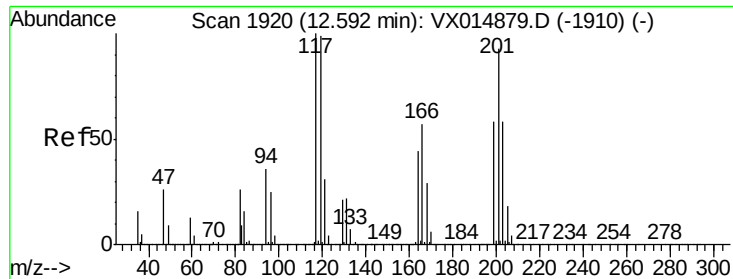
Tgt Ion: 146 Resp: 12213
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.6 55.6
 148 65.6 32.4 97.0



#89
 n-Butylbenzene
 Concen: 0.89 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: VX014876.D
 Acq: 10 Feb 2020 09:54

Tgt Ion: 91 Resp: 17897
 Ion Ratio Lower Upper
 91 100
 92 56.0 27.3 81.8
 134 28.9 13.8 41.4





#90

Hexachloroethane

Concen: 0.93 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

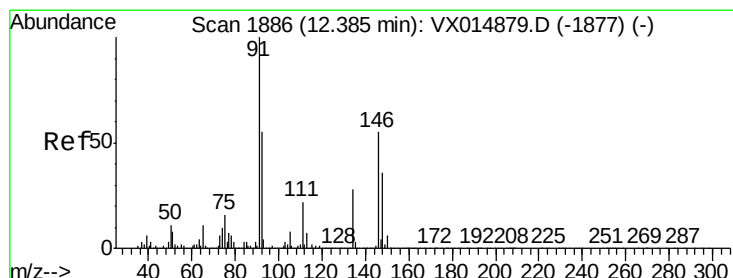
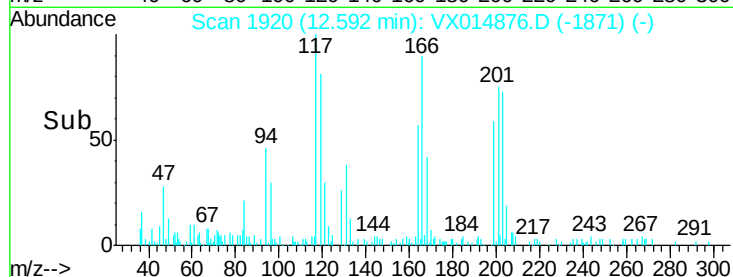
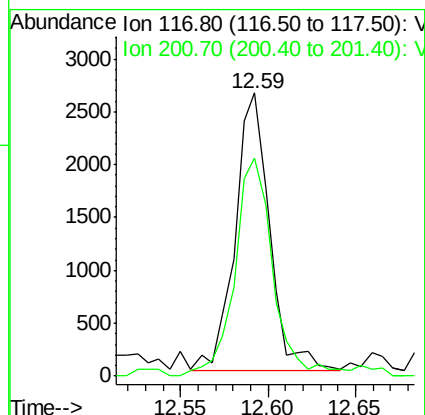
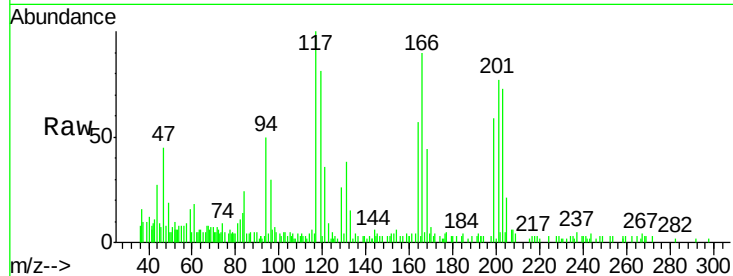
VSTDIC001

Tgt Ion:117 Resp: 3596

Ion Ratio Lower Upper

117 100

201 87.6 44.8 134.3



#91

1,2-Dichlorobenzene

Concen: 0.98 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

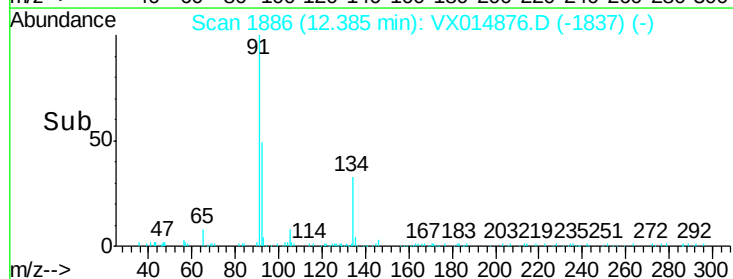
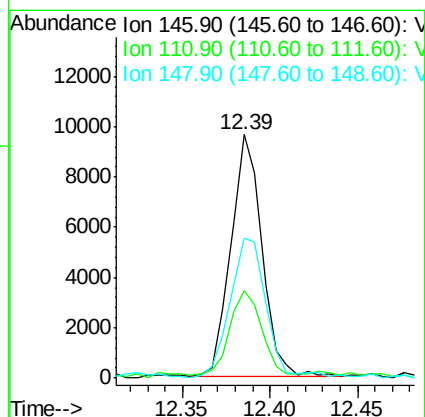
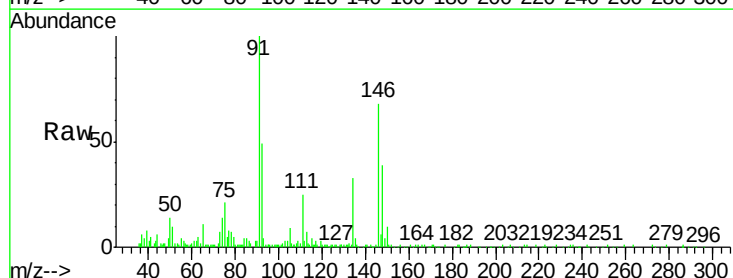
Tgt Ion:146 Resp: 11969

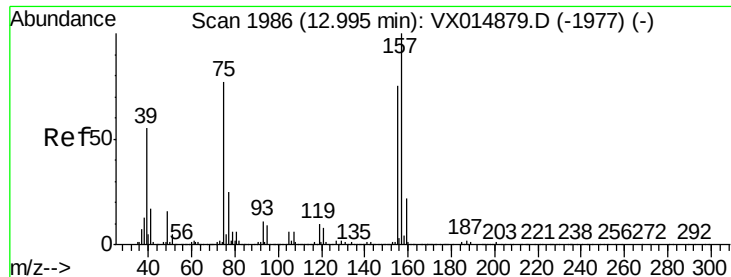
Ion Ratio Lower Upper

146 100

111 35.2 19.8 59.3

148 65.8 32.4 97.2





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.18 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

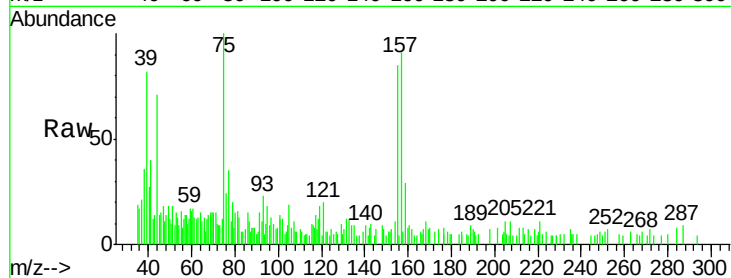
Tgt Ion: 75 Resp: 2292

Ion Ratio Lower Upper

75 100

155 84.5 48.6 145.9

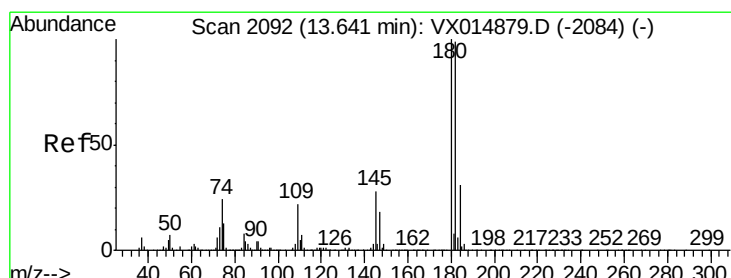
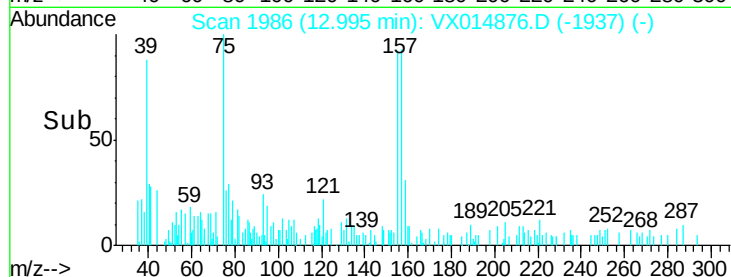
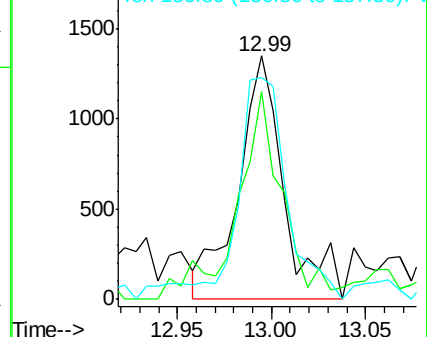
157 100.3 62.0 186.0



Abundance Ion 74.90 (74.60 to 75.60): VX014876.D (-1977) (-)

Ion 154.80 (154.50 to 155.50): VX014876.D (-1977) (-)

Ion 156.80 (156.50 to 157.50): VX014876.D (-1977) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.97 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

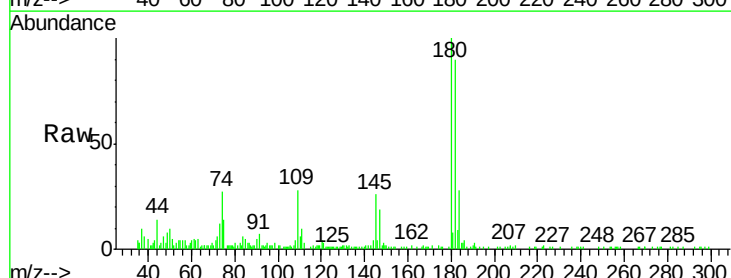
Tgt Ion: 180 Resp: 8591

Ion Ratio Lower Upper

180 100

182 98.3 48.4 145.3

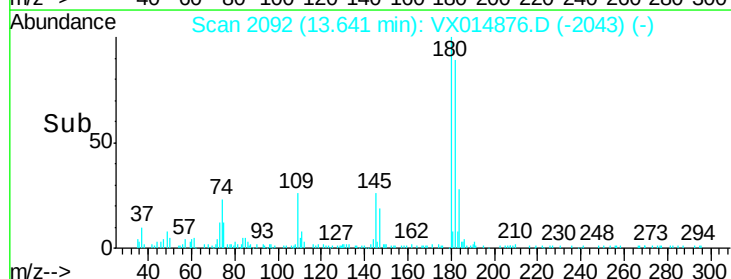
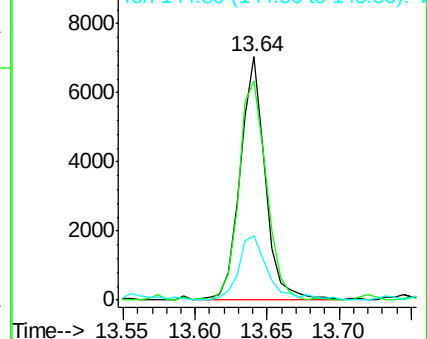
145 31.1 14.1 42.4

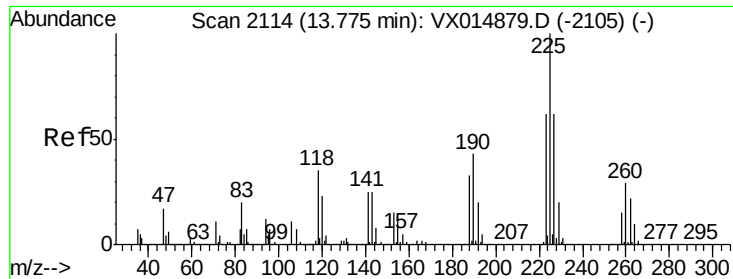


Abundance Ion 179.80 (179.50 to 180.50): VX014876.D (-2084) (-)

Ion 181.80 (181.50 to 182.50): VX014876.D (-2084) (-)

Ion 144.80 (144.50 to 145.50): VX014876.D (-2084) (-)





#94

Hexachlorobutadiene

Concen: 1.01 ug/l

RT: 13.78 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

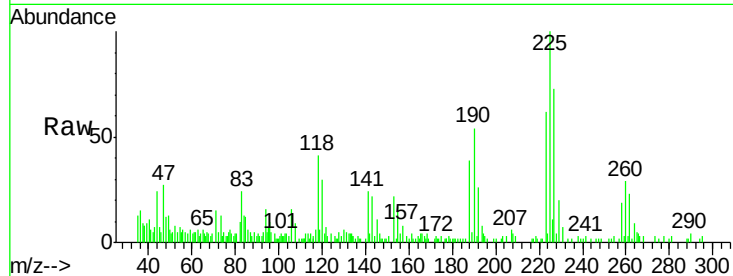
Tgt Ion:225 Resp: 4427

Ion Ratio Lower Upper

225 100

223 65.6 31.1 93.2

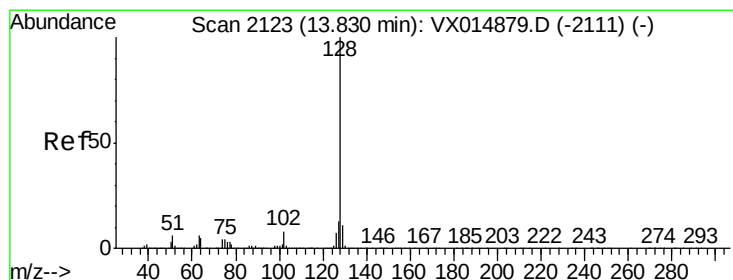
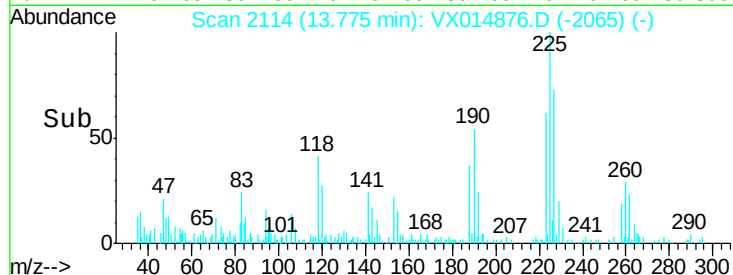
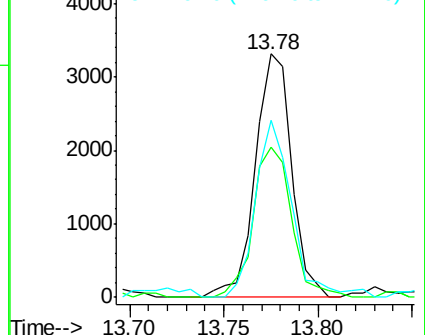
227 72.9 30.9 92.5



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.79 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

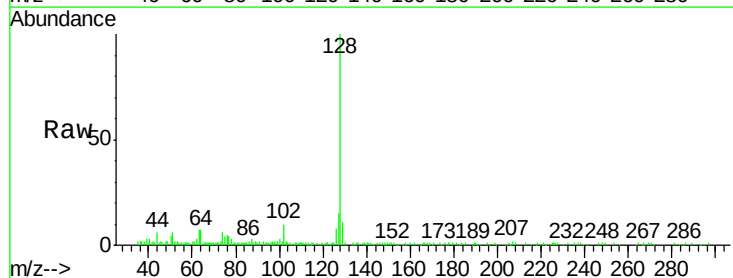
Tgt Ion:128 Resp: 18270

Ion Ratio Lower Upper

128 100

127 15.7 10.4 15.6#

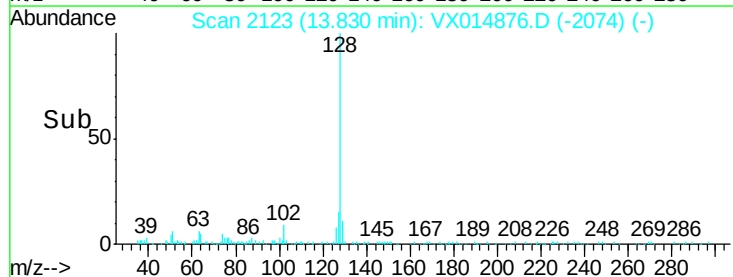
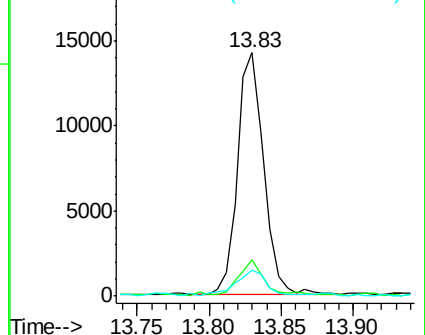
129 13.0 8.6 13.0#

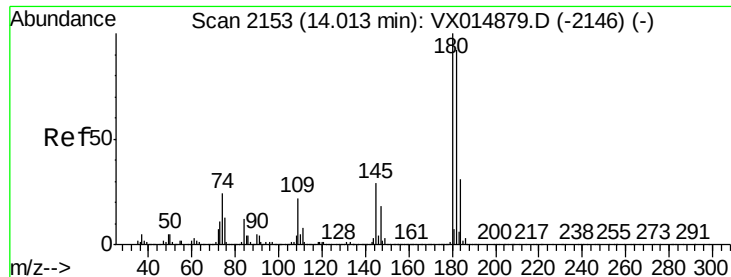


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96

1,2,3-Trichlorobenzene

Concen: 0.93 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX014876.D

Acq: 10 Feb 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

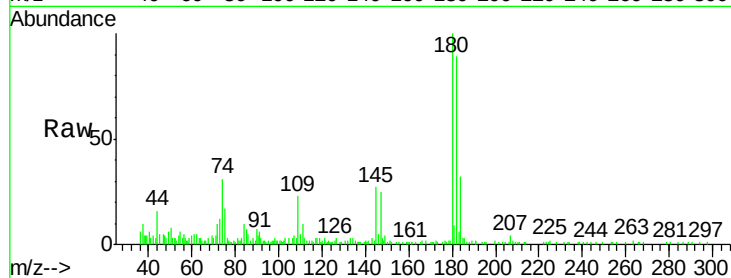
Tgt Ion:180 Resp: 7980

Ion Ratio Lower Upper

180 100

182 103.6 47.5 142.6

145 35.2 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

