

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
 Data File : VX014878.D
 Acq On : 10 Feb 2020 10:39
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Feb 10 11:26:54 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	455566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	681723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	639207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	337257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	100022	17.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.40%	
35) Dibromofluoromethane	5.50	113	82249	16.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.46%	
50) Toluene-d8	8.71	98	312438	18.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.60%	
62) 4-Bromofluorobenzene	11.13	95	109470	19.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	91807	22.09	ug/l	99
3) Chloromethane	1.32	50	100483	20.95	ug/l	99
4) Vinyl Chloride	1.41	62	107287	20.68	ug/l	99
5) Bromomethane	1.64	94	61775	18.63	ug/l	97
6) Chloroethane	1.73	64	68134	20.09	ug/l	98
7) Trichlorofluoromethane	1.93	101	149405	20.46	ug/l	98
8) Diethyl Ether	2.18	74	61160	20.04	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	84032	19.48	ug/l	100
10) Methyl Iodide	2.51	142	70714	20.39	ug/l	99
11) Tert butyl alcohol	3.02	59	86930	97.93	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84760	20.57	ug/l	97
13) Acrolein	2.28	56	65529	95.73	ug/l	99
14) Allyl chloride	2.72	41	141437	19.20	ug/l	98
15) Acrylonitrile	3.13	53	230715	101.80	ug/l	99
16) Acetone	2.43	43	305756	95.51	ug/l	99
17) Carbon Disulfide	2.57	76	231580	20.29	ug/l	99
18) Methyl Acetate	2.77	43	102021	20.17	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	274177	20.55	ug/l	98
20) Methylene Chloride	2.85	84	93485	18.42	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	92491	20.14	ug/l	96
22) Diisopropyl ether	3.84	45	288682	20.67	ug/l	99
23) Vinyl Acetate	3.81	43	1210456	104.69	ug/l	100
24) 1,1-Dichloroethane	3.69	63	160015	20.17	ug/l	99
25) 2-Butanone	4.66	43	357545	103.16	ug/l	97
26) 2,2-Dichloropropane	4.58	77	133534	19.53	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	101950	20.02	ug/l	100
28) Bromochloromethane	5.01	49	65284	24.53	ug/l	99
29) Tetrahydrofuran	5.12	42	205319	105.92	ug/l	98
30) Chloroform	5.20	83	160219	20.31	ug/l	99
31) Cyclohexane	5.58	56	143560	20.66	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	139036	20.40	ug/l	100
36) 1,1-Dichloropropene	5.79	75	120426	20.10	ug/l	99
37) Ethyl Acetate	4.82	43	127346	20.35	ug/l	99
38) Carbon Tetrachloride	5.78	117	121814	21.02	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148722	19.67	ug/l	96
40) Benzene	6.14	78	368401	20.33	ug/l	99
41) Methacrylonitrile	5.03	41	70753	21.42	ug/l	99
42) 1,2-Dichloroethane	6.19	62	130961	19.81	ug/l	99
43) Isopropyl Acetate	6.44	43	208352	20.44	ug/l	99
44) Trichloroethene	7.21	130	106584	20.28	ug/l	96
45) 1,2-Dichloropropane	7.51	63	92922	20.16	ug/l	98
46) Dibromomethane	7.65	93	63108	19.96	ug/l	98
47) Bromodichloromethane	7.89	83	123972	20.11	ug/l	96
48) Methyl methacrylate	7.76	41	101996	20.65	ug/l	99
49) 1,4-Dioxane	7.73	88	35958	375.75	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	646343	104.79	ug/l	99
52) Toluene	8.78	92	235290	20.59	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	140299	21.32	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151360	20.48	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	93899	20.27	ug/l	98
56) Ethyl methacrylate	9.17	69	139870	21.00	ug/l	99
57) 1,3-Dichloropropane	9.37	76	157711	20.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	368656	102.24	ug/l	100
59) 2-Hexanone	9.48	43	508325	105.61	ug/l	100
60) Dibromochloromethane	9.57	129	101374	21.09	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100357	20.02	ug/l	99
64) Tetrachloroethene	9.33	164	118550	20.23	ug/l	98
65) Chlorobenzene	10.14	112	256791	19.84	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	94062	20.44	ug/l	98
67) Ethyl Benzene	10.25	91	443802	20.47	ug/l	99
68) m/p-Xylenes	10.36	106	334886	40.22	ug/l	99
69) o-Xylene	10.69	106	159964	20.05	ug/l	98
70) Styrene	10.71	104	275562	20.82	ug/l	99
71) Bromoform	10.85	173	76217	20.68	ug/l	98
73) Isopropylbenzene	11.01	105	437155	20.77	ug/l	100
74) N-amyl acetate	10.89	43	179112	21.58	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	135711	19.58	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	158614	21.76	ug/l	92
77) Bromobenzene	11.25	156	116208	19.66	ug/l	98
78) n-propylbenzene	11.35	91	501118	20.67	ug/l	100
79) 2-Chlorotoluene	11.42	91	294362	20.52	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	368499	21.35	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45487	22.33	ug/l	96
82) 4-Chlorotoluene	11.51	91	341890	20.25	ug/l	99
83) tert-Butylbenzene	11.76	119	338168	20.44	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	367195	20.99	ug/l	100
85) sec-Butylbenzene	11.94	105	420602	20.52	ug/l	99
86) p-Isopropyltoluene	12.06	119	389149	20.37	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	210550	19.94	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	210782	19.91	ug/l	99
89) n-Butylbenzene	12.38	91	349577	20.67	ug/l	99
90) Hexachloroethane	12.59	117	65489	20.12	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	204948	19.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	29530	18.00	ug/l	99

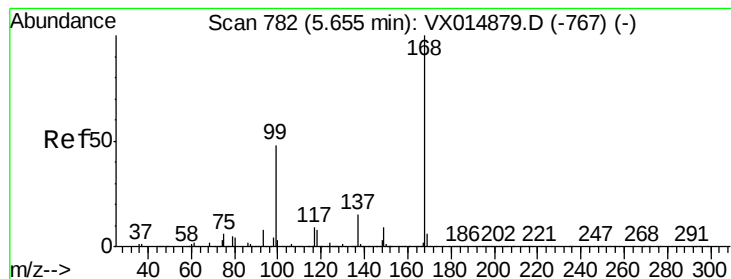
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX021020\
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QLast Update : Mon Feb 10 11:22:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	149663	19.98	ug/l	98
94) Hexachlorobutadiene	13.78	225	70678	19.16	ug/l	97
95) Naphthalene	13.83	128	422490	21.79	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	146910	20.23	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

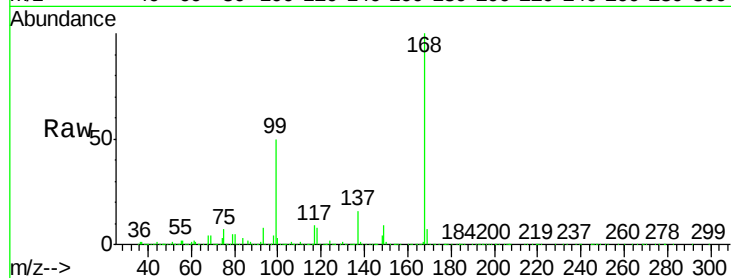
VSTDIC020

Tgt Ion:168 Resp: 455566

Ion Ratio Lower Upper

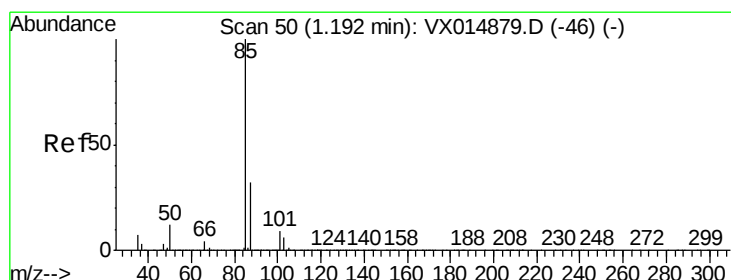
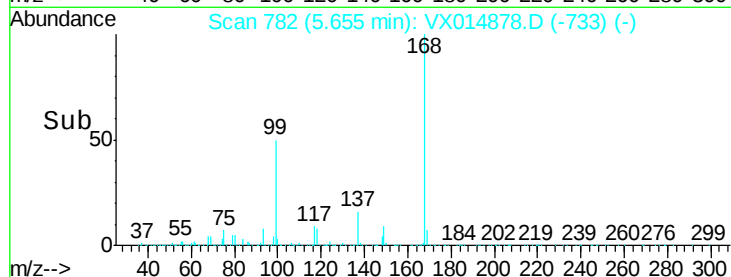
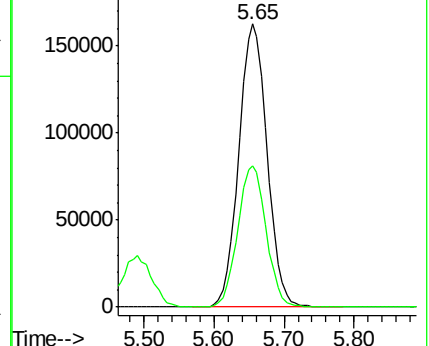
168 100

99 49.9 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 22.09 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014878.D

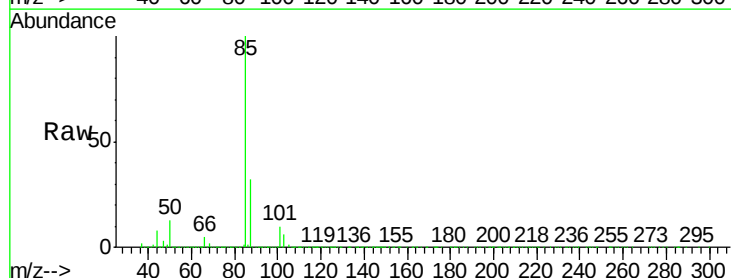
Acq: 10 Feb 2020 10:39

Tgt Ion: 85 Resp: 91807

Ion Ratio Lower Upper

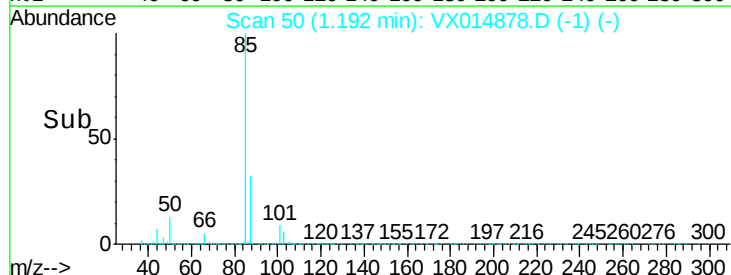
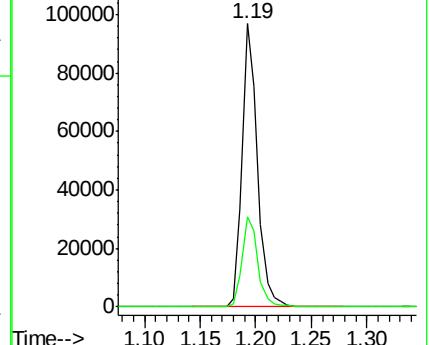
85 100

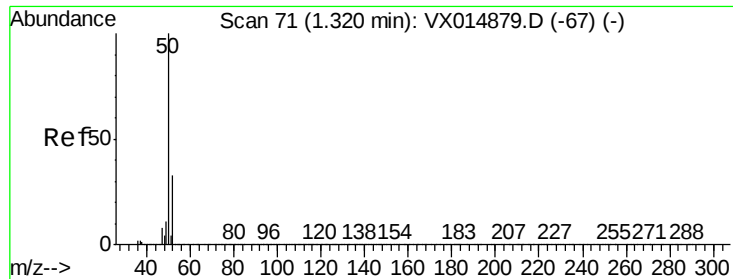
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

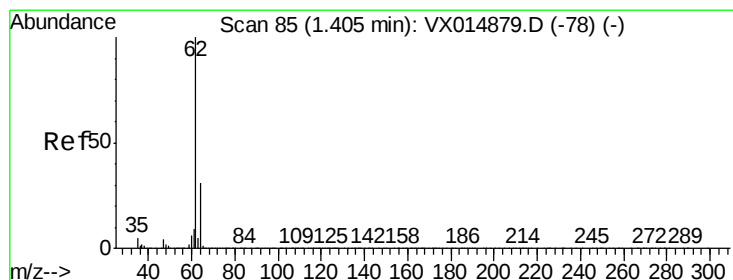
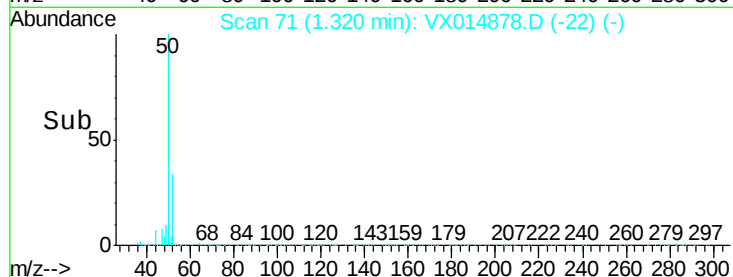
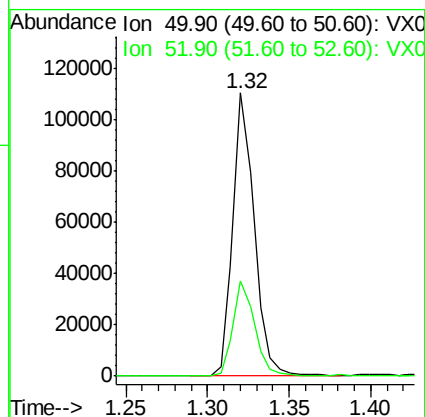
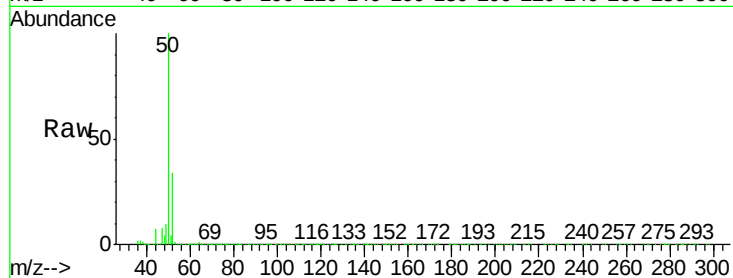




#3
Chloromethane
Concen: 20.95 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

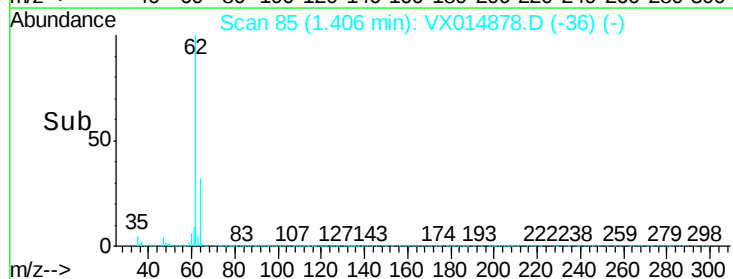
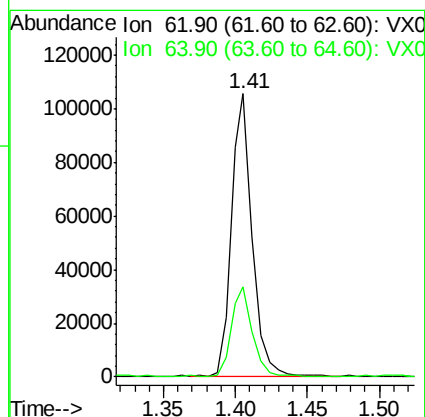
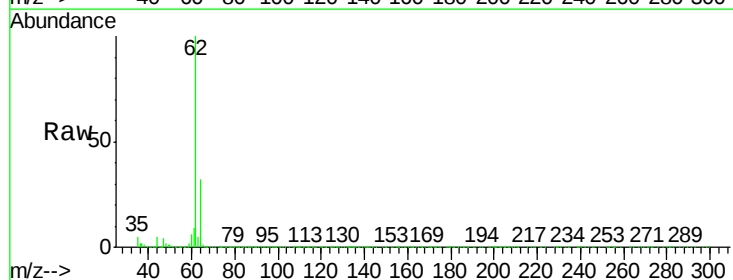
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

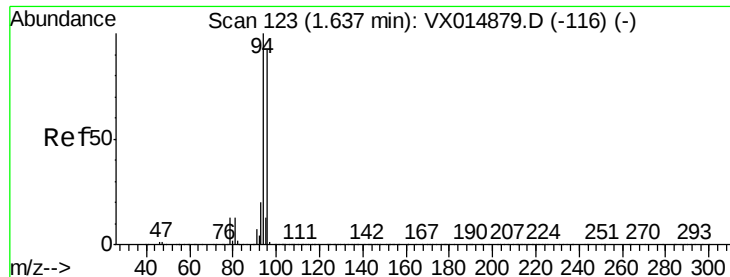
Tgt Ion: 50 Resp: 100483
Ion Ratio Lower Upper
50 100
52 33.3 26.2 39.2



#4
Vinyl Chloride
Concen: 20.68 ug/l
RT: 1.41 min Scan# 85
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 62 Resp: 107287
Ion Ratio Lower Upper
62 100
64 31.5 24.8 37.2





#5

Bromomethane

Concen: 18.63 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

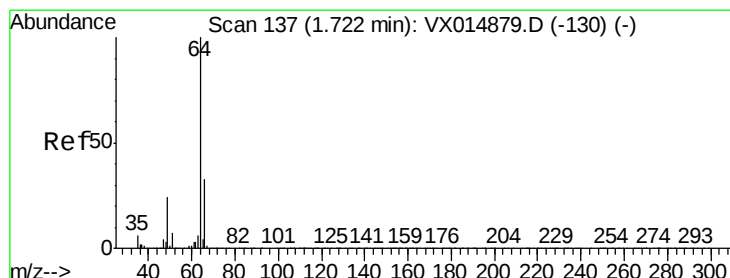
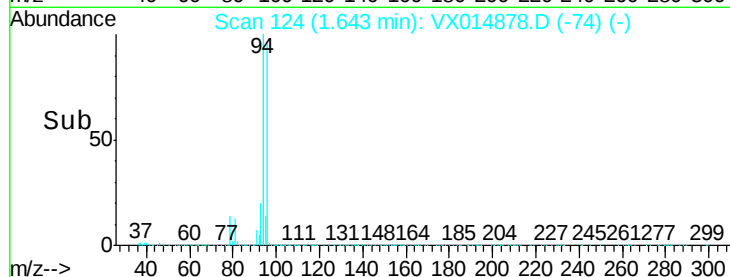
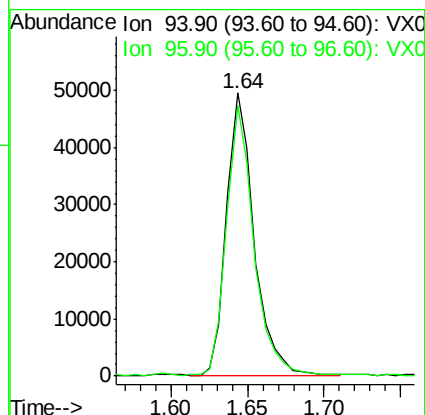
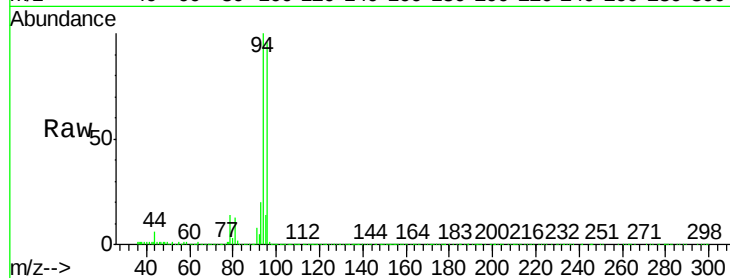
VSTDIC020

Tgt Ion: 94 Resp: 61775

Ion Ratio Lower Upper

94 100

96 95.4 73.7 110.5



#6

Chloroethane

Concen: 20.09 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.01 min

Lab File: VX014878.D

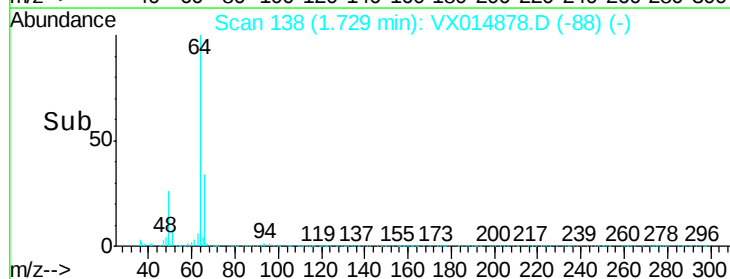
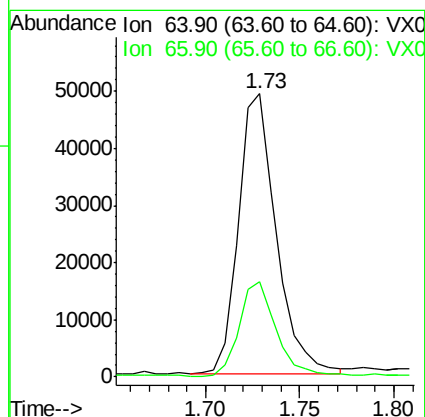
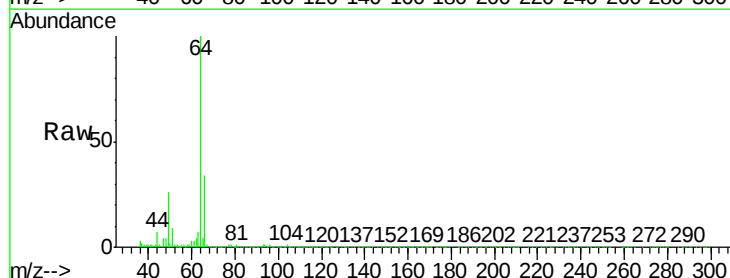
Acq: 10 Feb 2020 10:39

Tgt Ion: 64 Resp: 68134

Ion Ratio Lower Upper

64 100

66 33.7 26.2 39.4



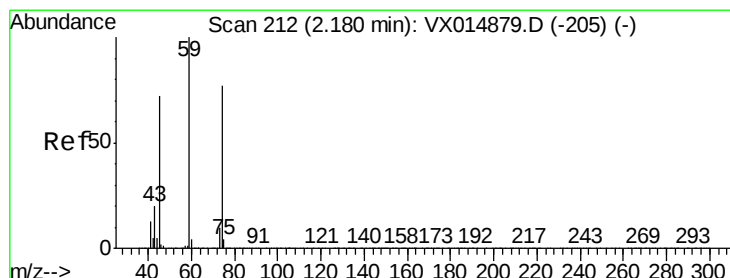
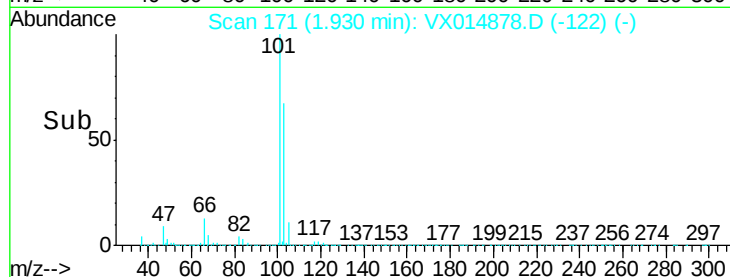
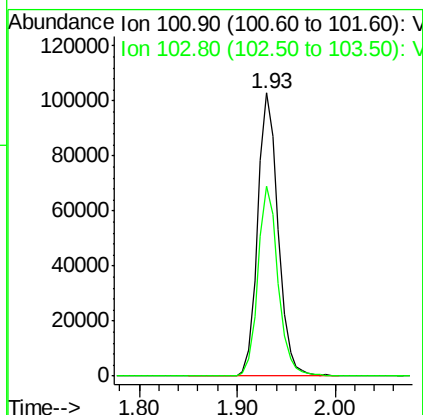
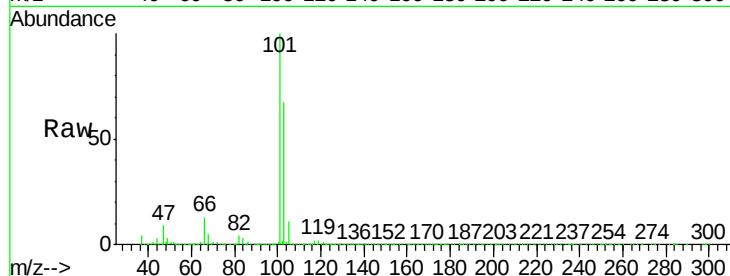


#7

Trichlorofluoromethane
Concen: 20.46 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Instrument :
MSVOA_X
ClientSampleId :
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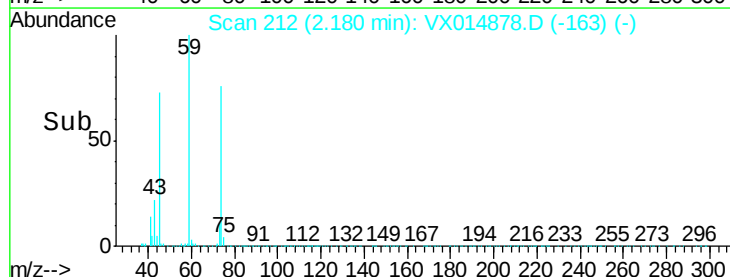
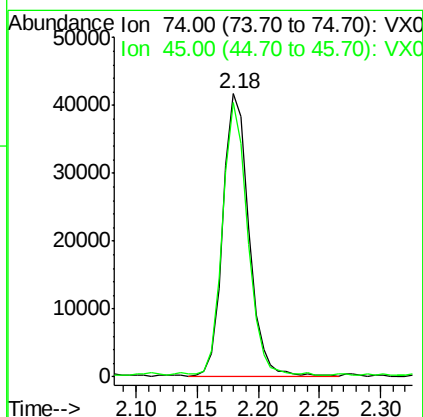
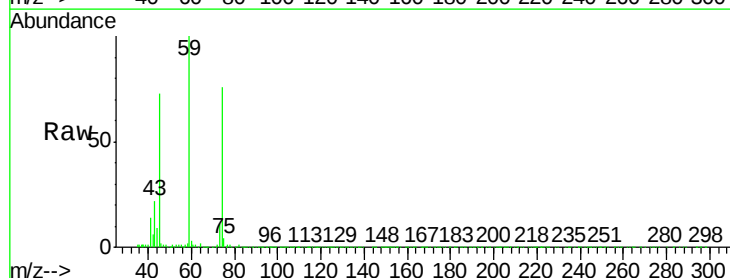
Tgt Ion:101 Resp: 149405
Ion Ratio Lower Upper
101 100
103 67.0 52.2 78.4

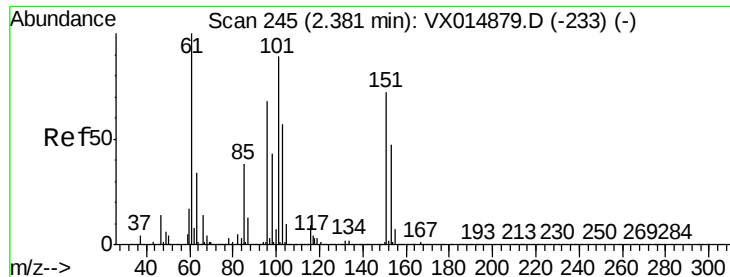


#8

Diethyl Ether
Concen: 20.04 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 74 Resp: 61160
Ion Ratio Lower Upper
74 100
45 94.2 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.48 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

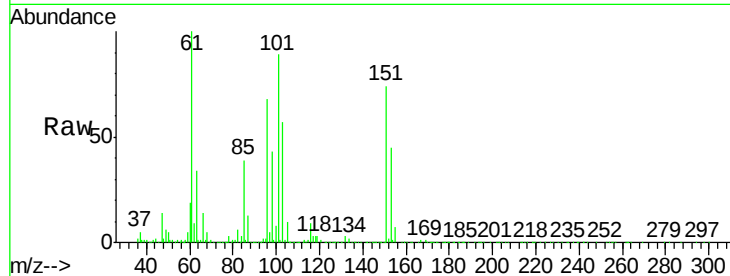
Tgt Ion:101 Resp: 84032

Ion Ratio Lower Upper

101 100

85 42.6 34.1 51.1

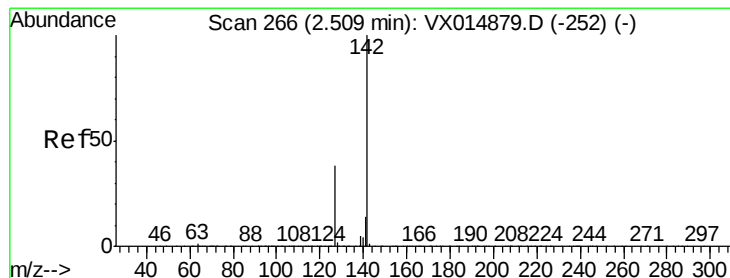
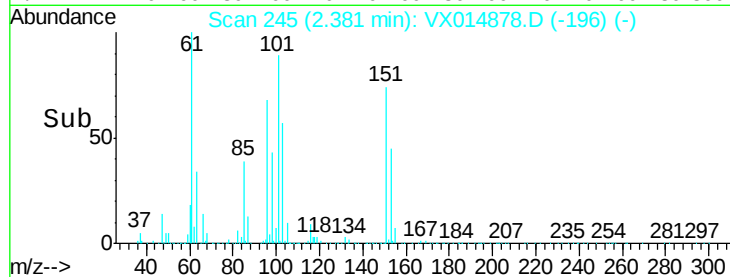
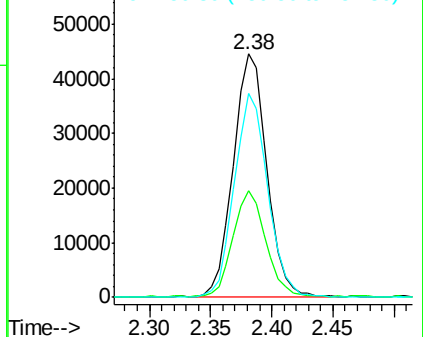
151 84.1 67.3 100.9



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: 20.39 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

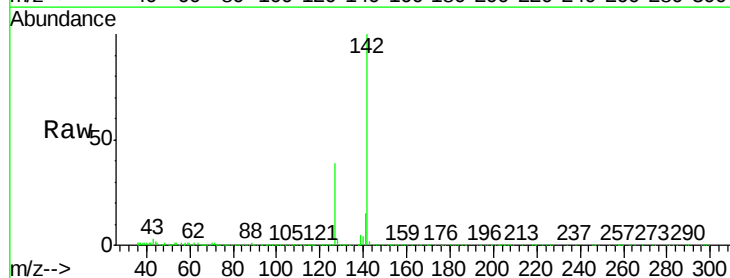
Tgt Ion:142 Resp: 70714

Ion Ratio Lower Upper

142 100

127 39.1 31.1 46.7

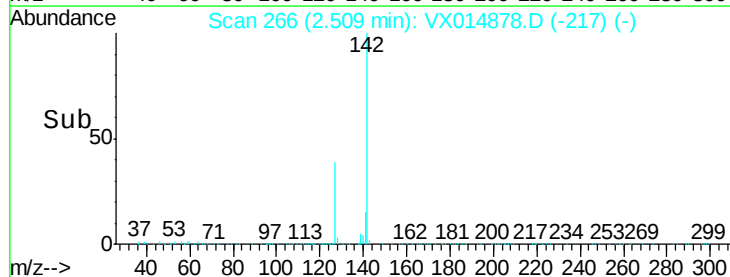
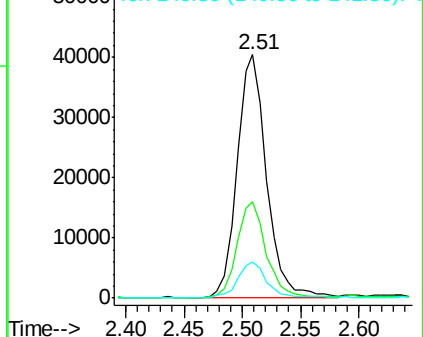
141 15.4 11.3 16.9

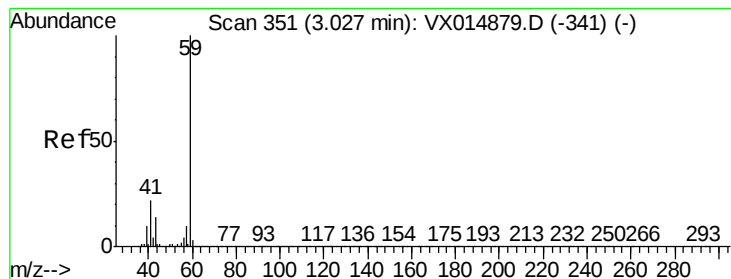


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.93 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

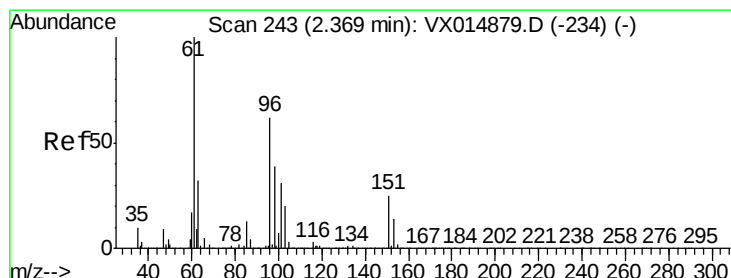
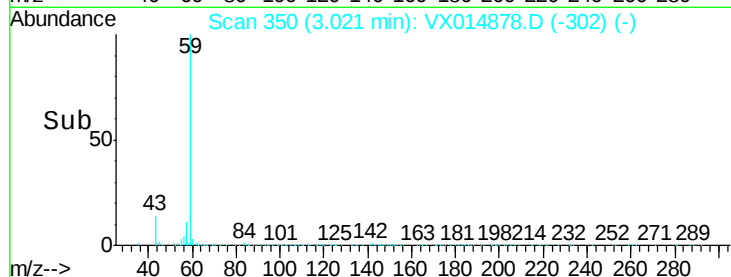
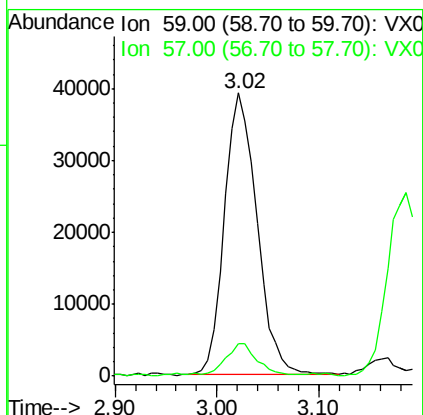
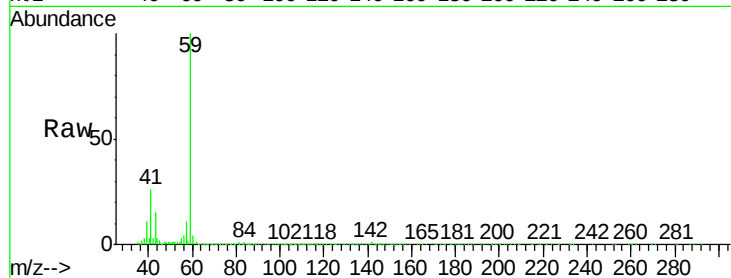
VSTDIC020

Tgt Ion: 59 Resp: 86930

Ion Ratio Lower Upper

59 100

57 10.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 20.57 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

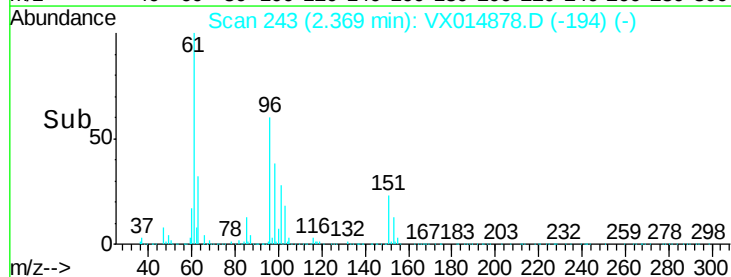
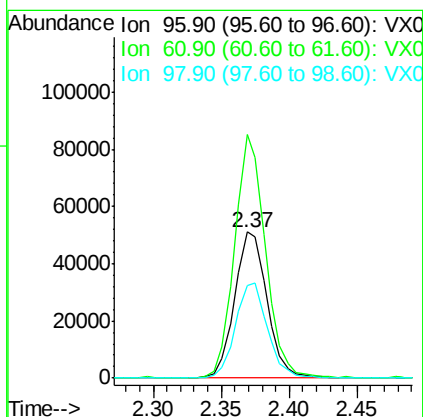
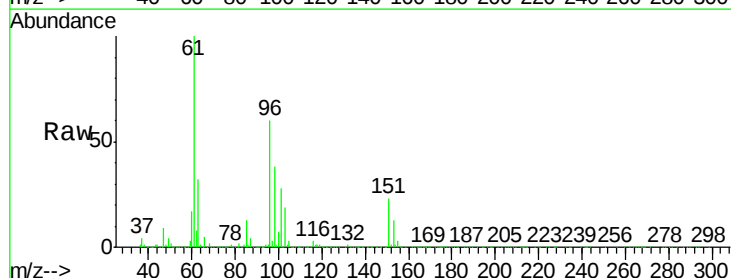
Tgt Ion: 96 Resp: 84760

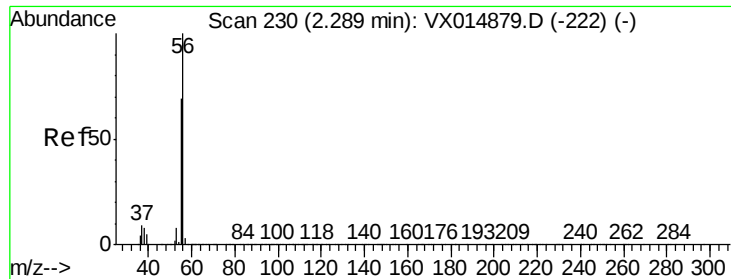
Ion Ratio Lower Upper

96 100

61 166.4 129.5 194.3

98 62.9 50.6 76.0





#13

Acrolein

Concen: 95.73 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

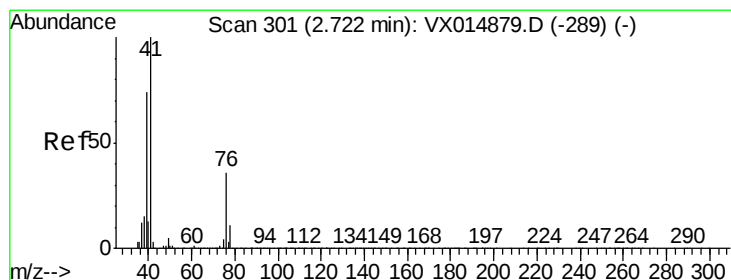
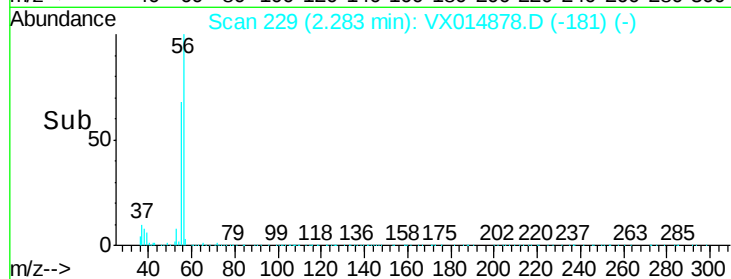
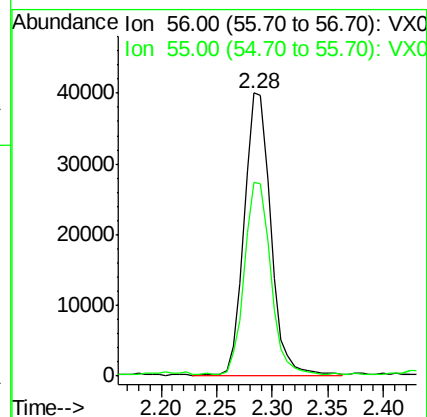
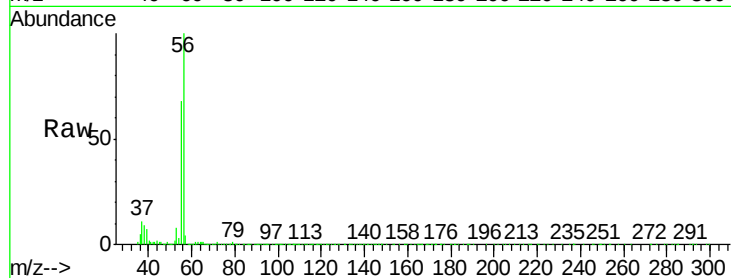
VSTDIC020

Tgt Ion: 56 Resp: 65529

Ion Ratio Lower Upper

56 100

55 68.0 55.0 82.4



#14

Allyl chloride

Concen: 19.20 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

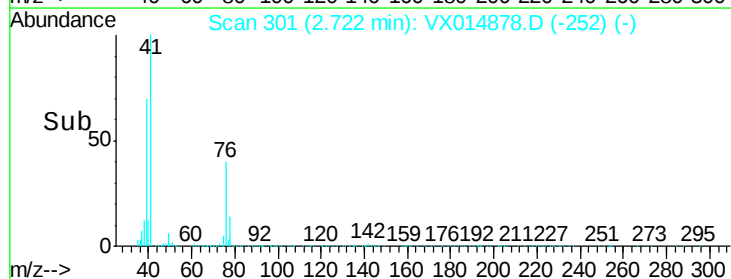
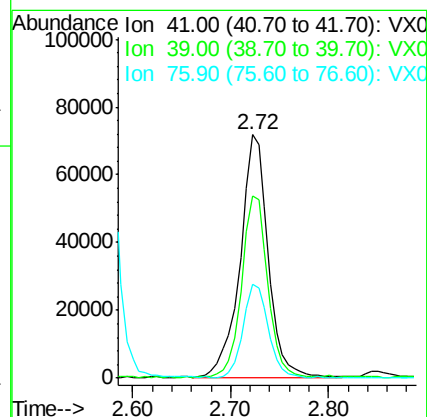
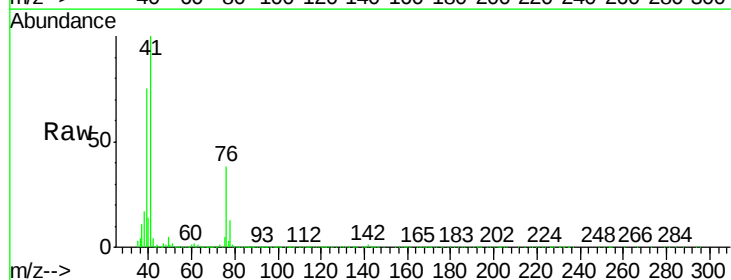
Tgt Ion: 41 Resp: 141437

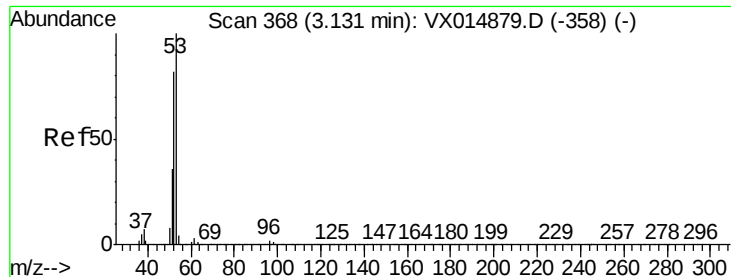
Ion Ratio Lower Upper

41 100

39 70.0 55.2 82.8

76 35.0 26.8 40.2





#15

Acrylonitrile

Concen: 101.80 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

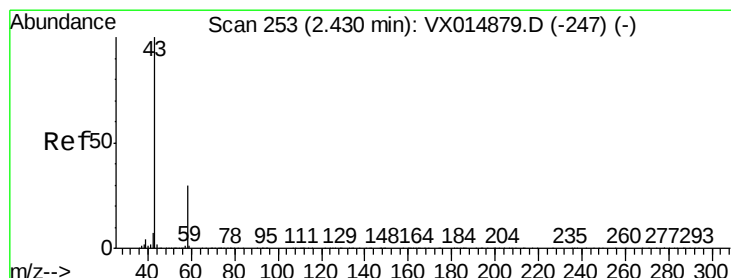
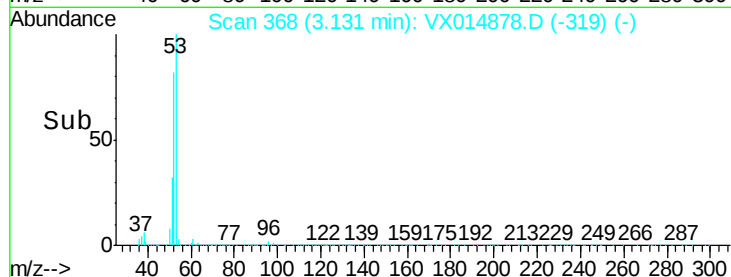
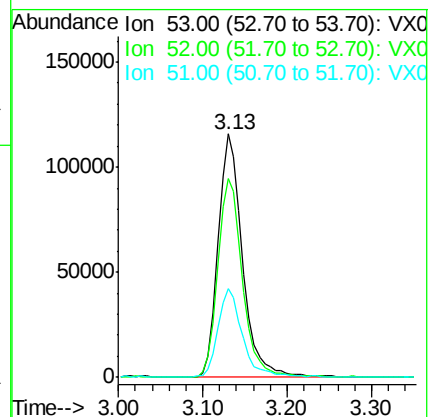
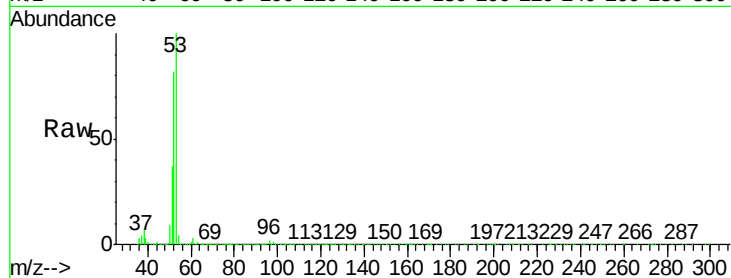
Tgt Ion: 53 Resp: 230715

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.6

51 36.6 29.1 43.7



#16

Acetone

Concen: 95.51 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014878.D

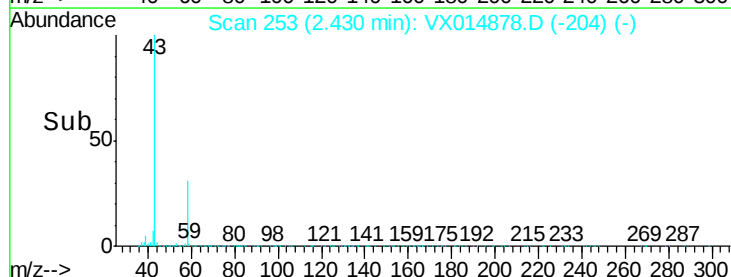
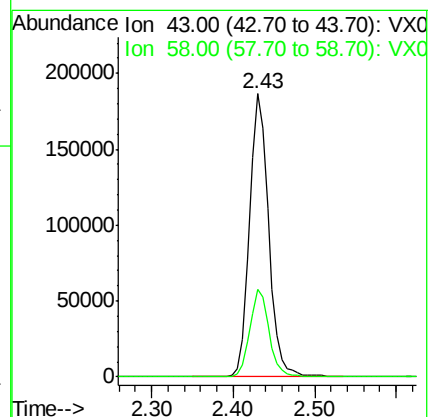
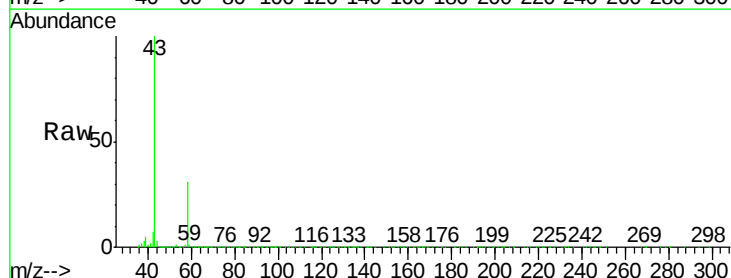
Acq: 10 Feb 2020 10:39

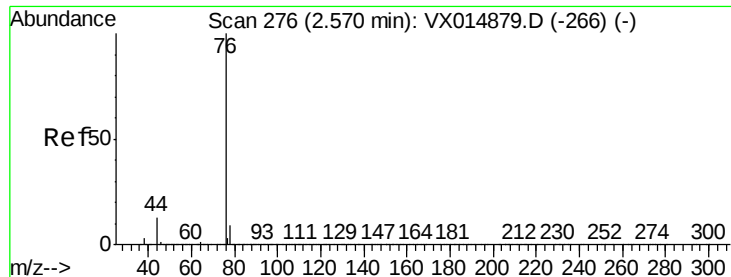
Tgt Ion: 43 Resp: 305756

Ion Ratio Lower Upper

43 100

58 30.6 24.1 36.1





#17

Carbon Disulfide

Concen: 20.29 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

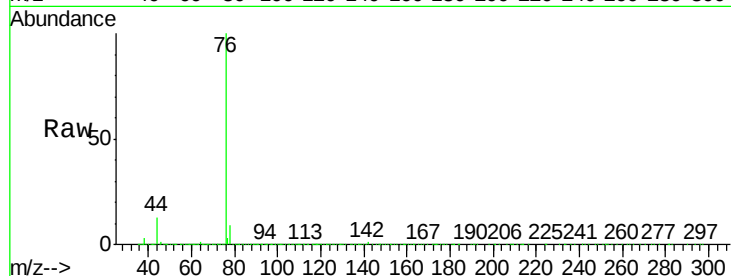
VSTDIC020

Tgt Ion: 76 Resp: 231580

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

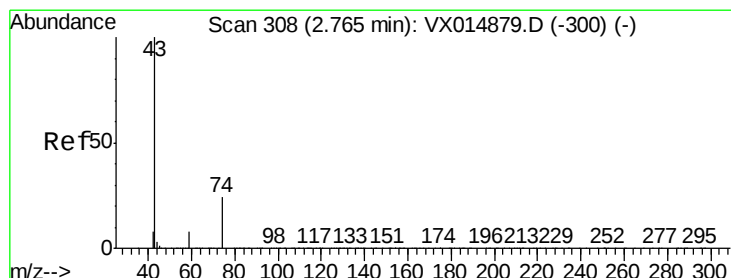
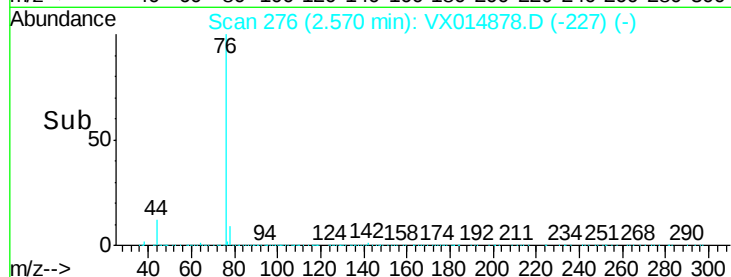
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 20.17 ug/l

RT: 2.77 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014878.D

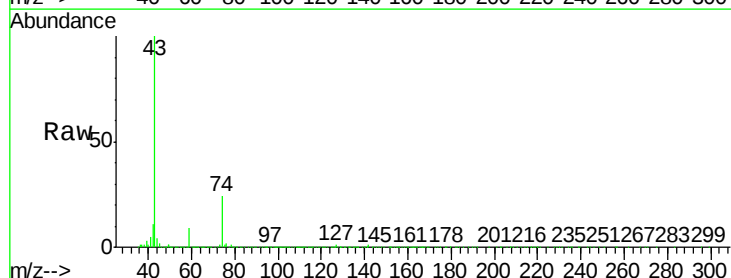
Acq: 10 Feb 2020 10:39

Tgt Ion: 43 Resp: 102021

Ion Ratio Lower Upper

43 100

74 25.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.77

60000

50000

40000

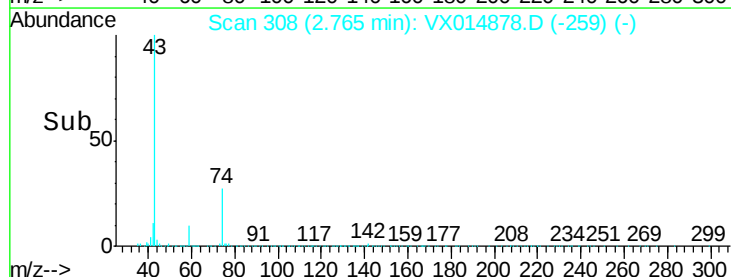
30000

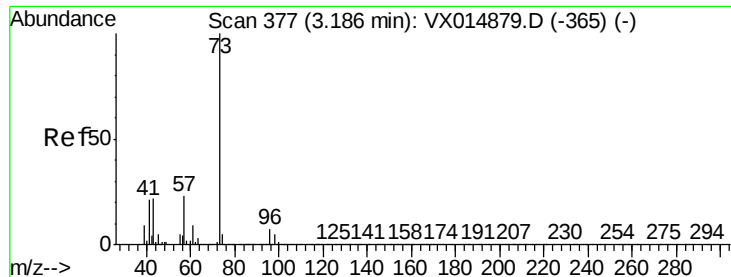
20000

10000

0

Time-->

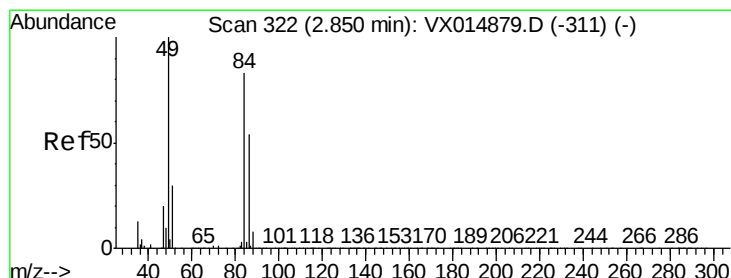
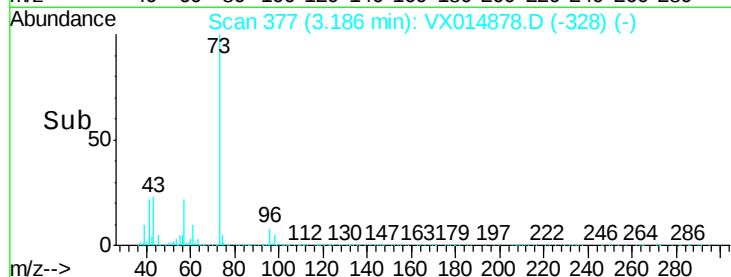
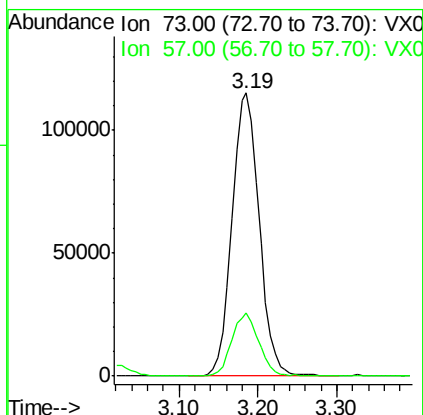
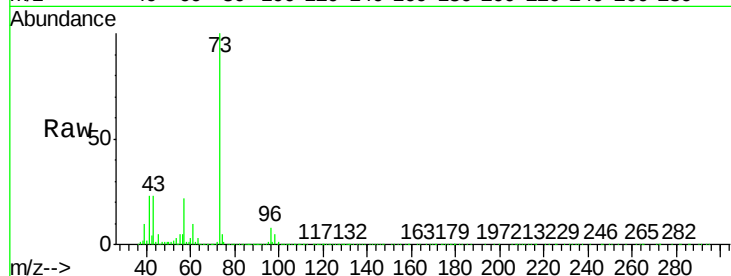




#19
Methyl tert-butyl Ether
Concen: 20.55 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

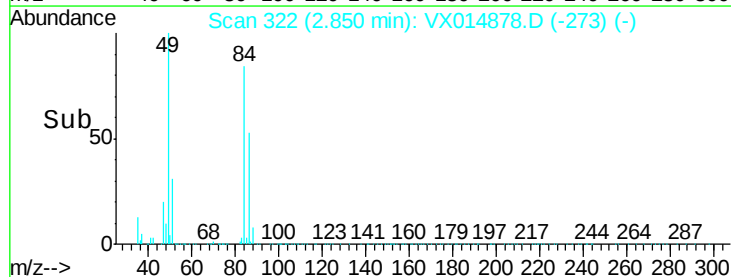
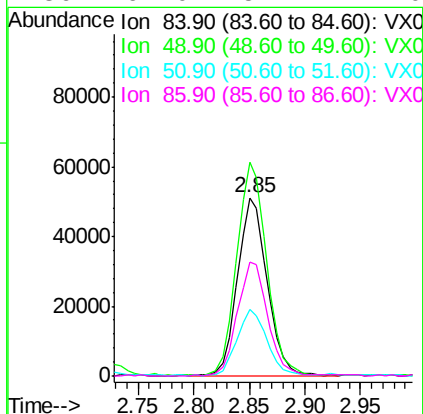
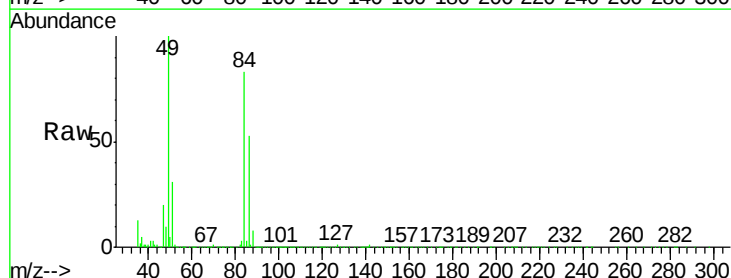
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

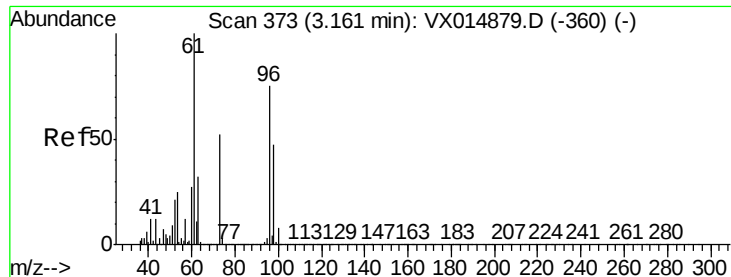
Tgt Ion: 73 Resp: 274177
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 18.42 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 84 Resp: 93485
Ion Ratio Lower Upper
84 100
49 119.6 95.6 143.4
51 37.1 29.0 43.6
86 64.0 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 20.14 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

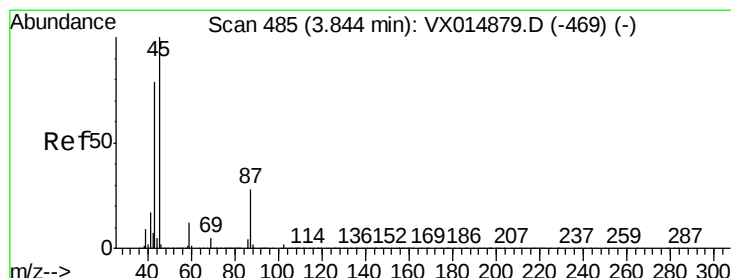
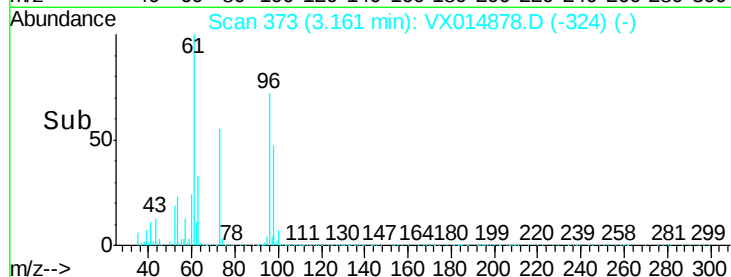
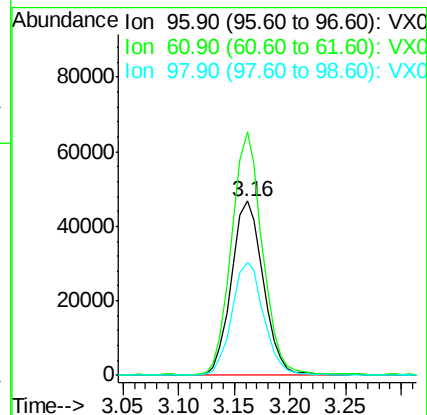
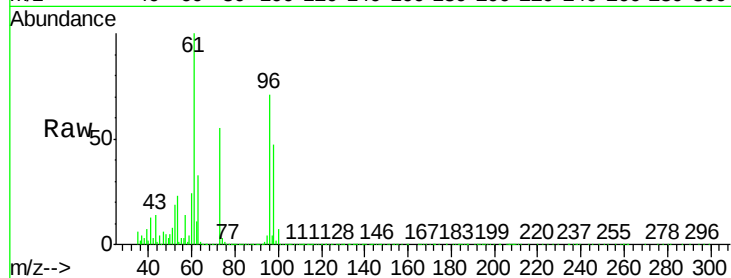
Tgt Ion: 96 Resp: 92491

Ion Ratio Lower Upper

96 100

61 139.8 106.9 160.3

98 65.1 50.7 76.1



#22

Diisopropyl ether

Concen: 20.67 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Tgt Ion: 45 Resp: 288682

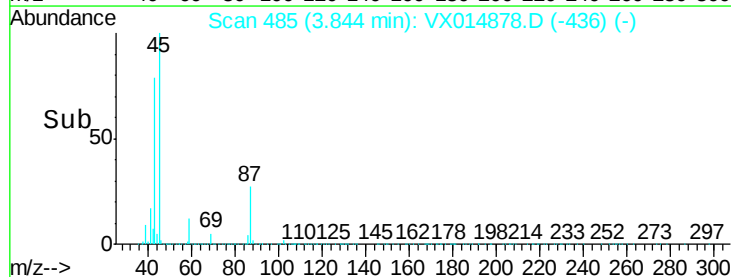
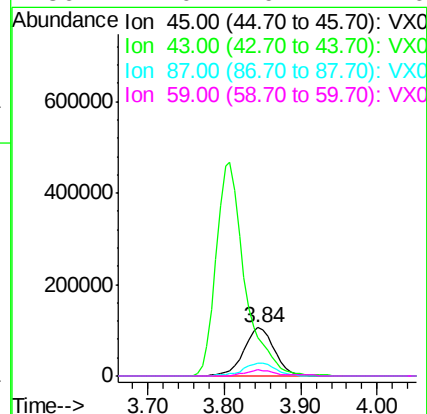
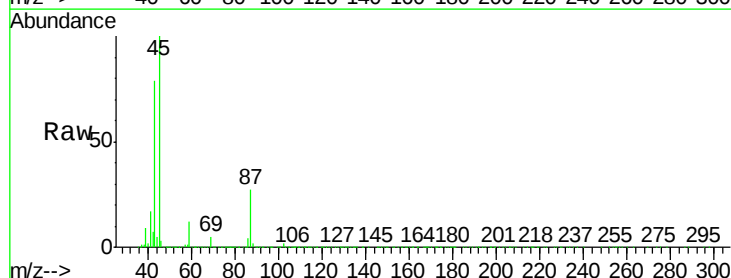
Ion Ratio Lower Upper

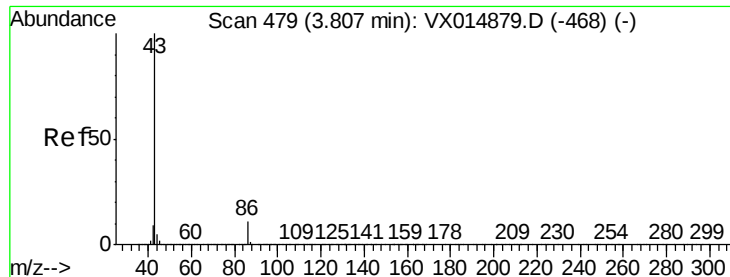
45 100

43 78.3 63.5 95.3

87 27.4 22.2 33.4

59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 104.69 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

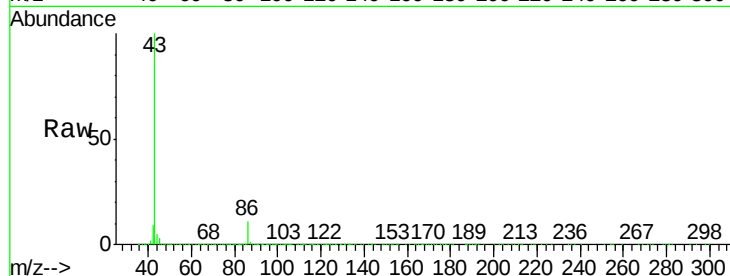
VSTDIC020

Tgt Ion: 43 Resp: 1210456

Ion Ratio Lower Upper

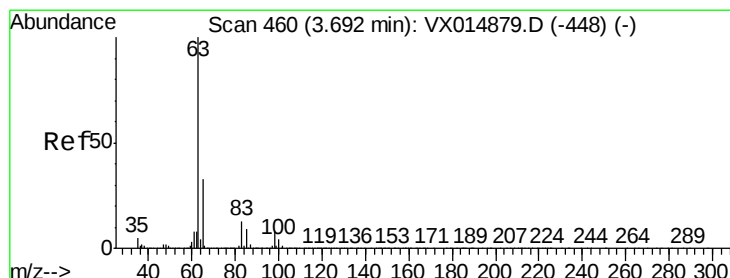
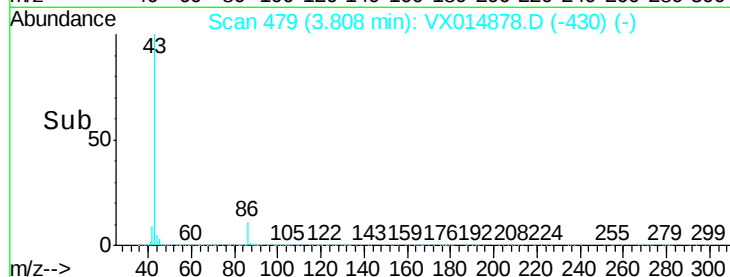
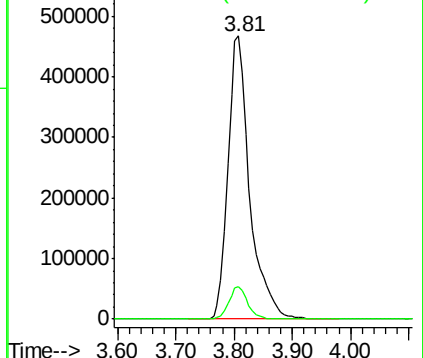
43 100

86 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.17 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

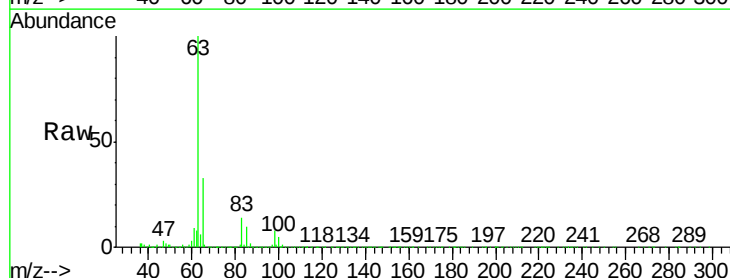
Tgt Ion: 63 Resp: 160015

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

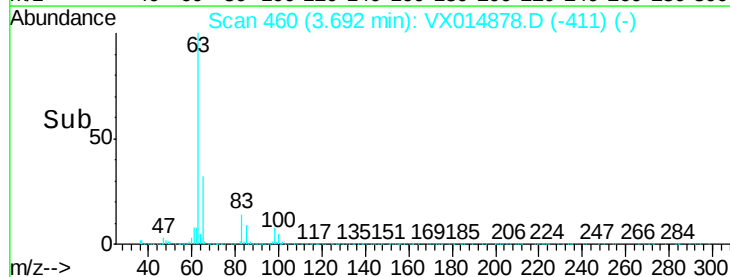
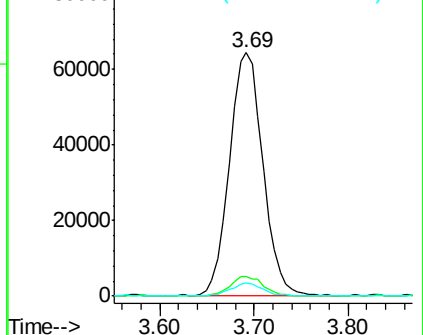
100 5.0 2.2 6.6

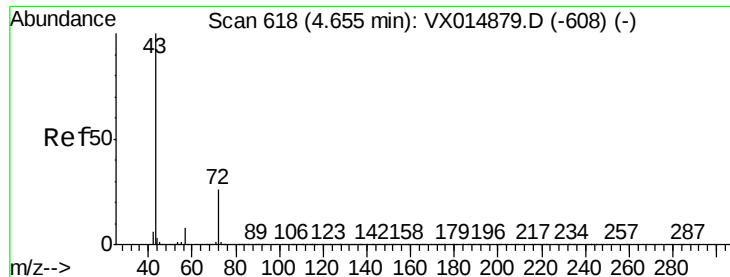


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 103.16 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampled :

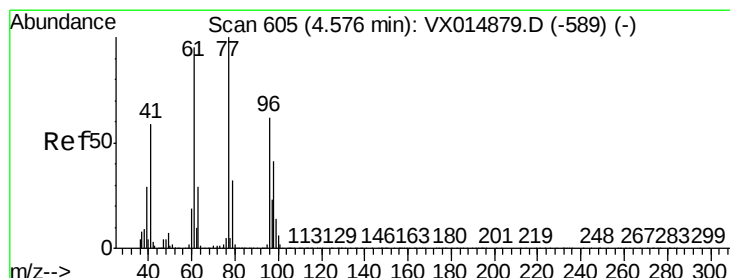
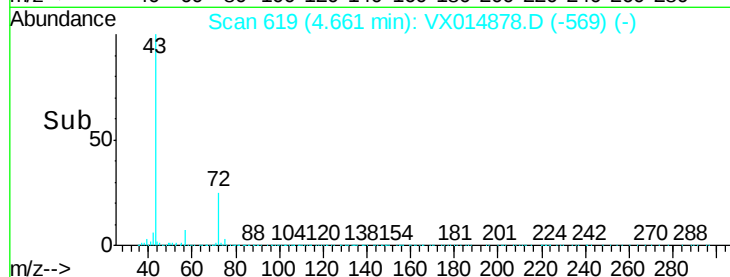
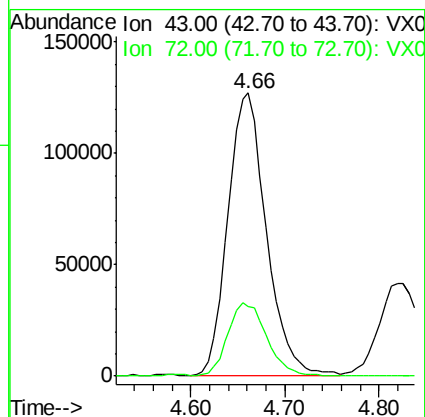
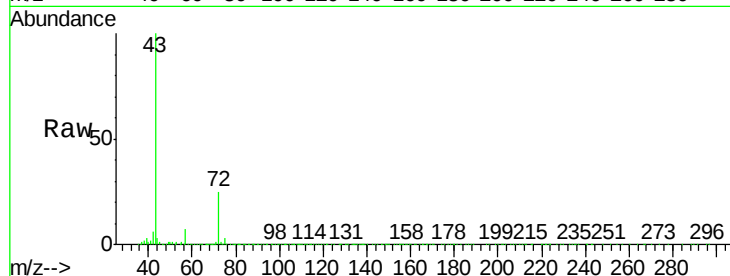
VSTDIC020

Tgt Ion: 43 Resp: 357545

Ion Ratio Lower Upper

43 100

72 24.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.53 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014878.D

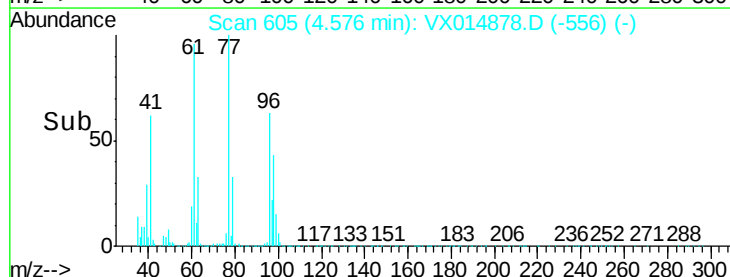
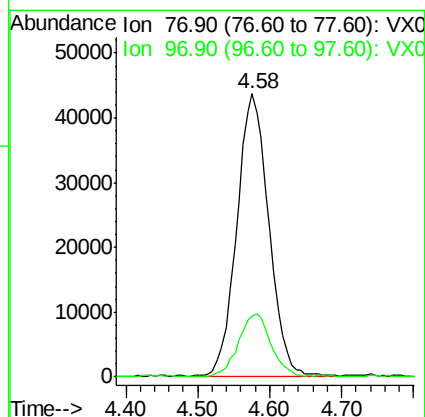
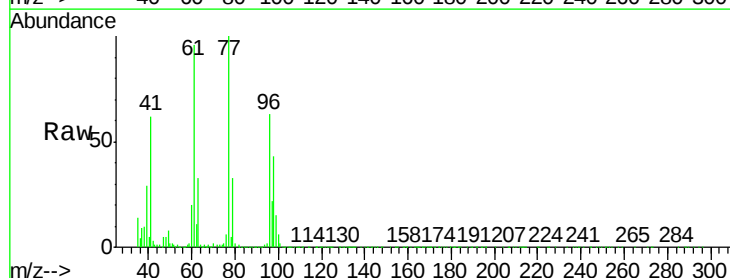
Acq: 10 Feb 2020 10:39

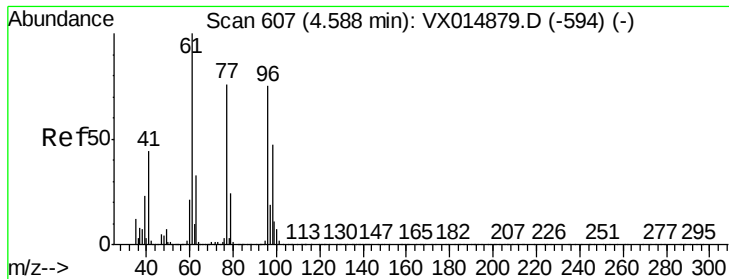
Tgt Ion: 77 Resp: 133534

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5



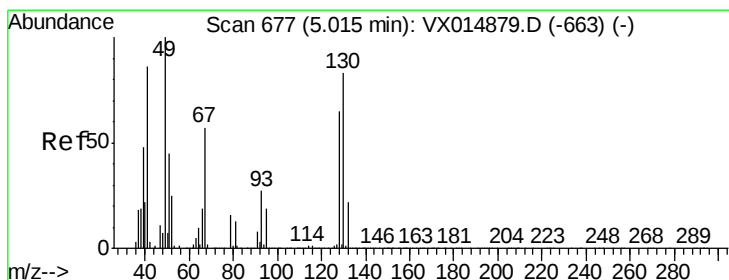
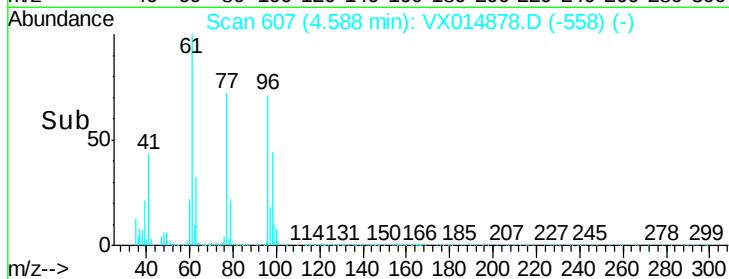
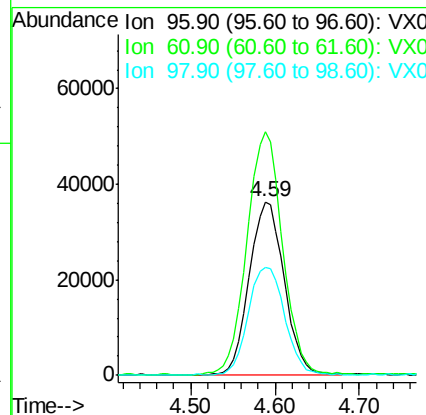
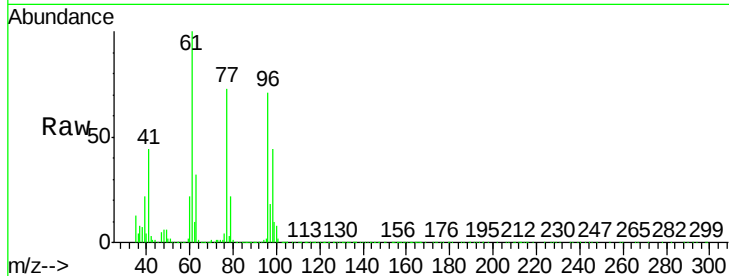


#27

cis-1,2-Dichloroethene
Concen: 20.02 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

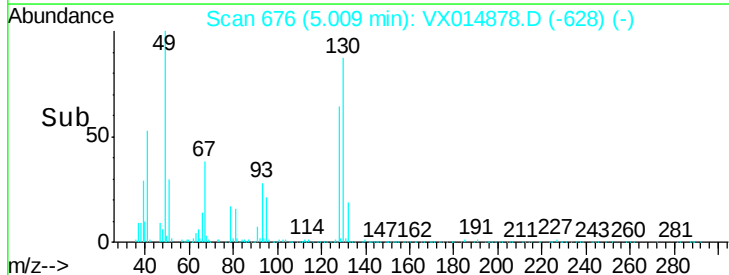
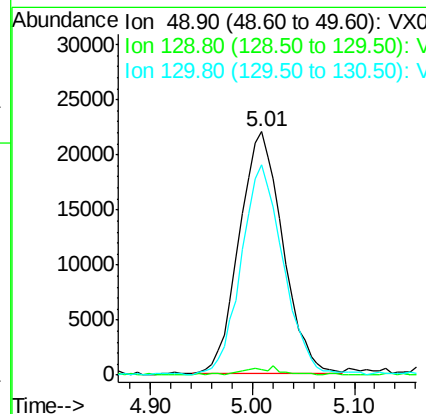
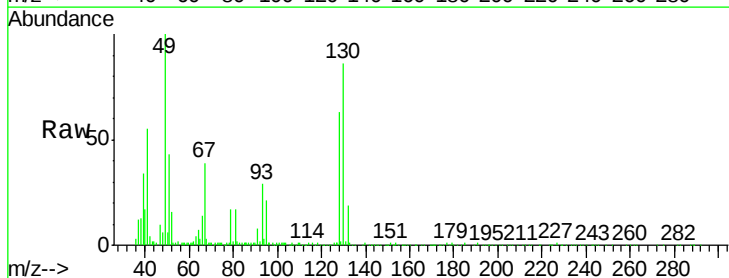
Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	286.2
98	65.8	0.0	131.0

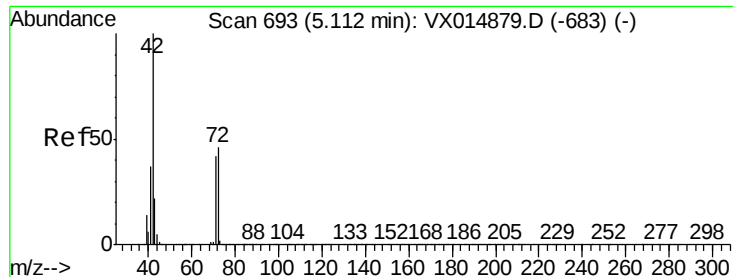


#28

Bromochloromethane
Concen: 24.53 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	5.2
130	83.4	67.4	101.2

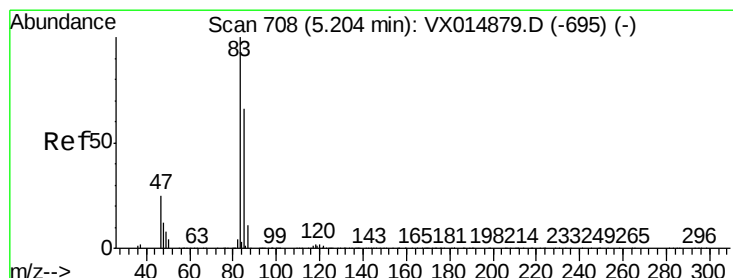
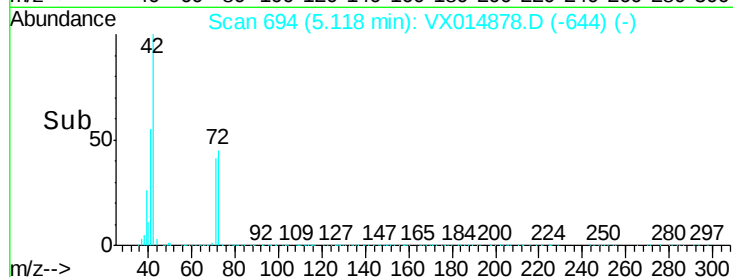
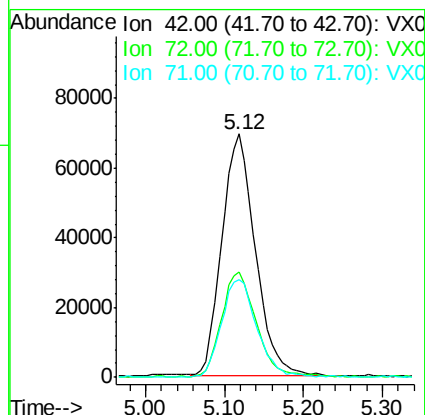
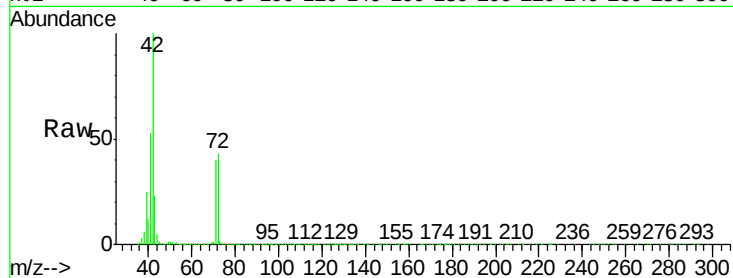




#29
Tetrahydrofuran
Concen: 105.92 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

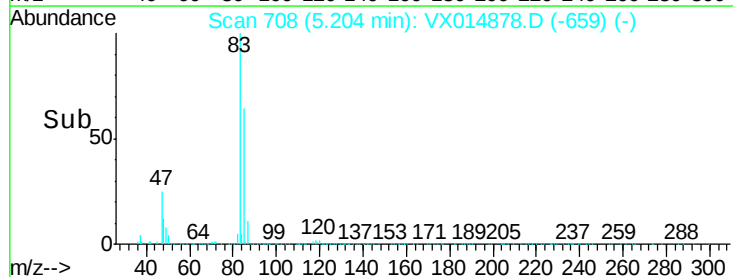
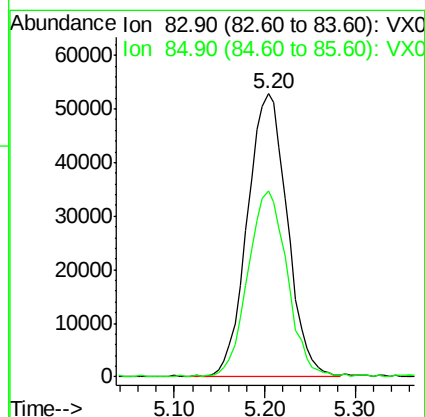
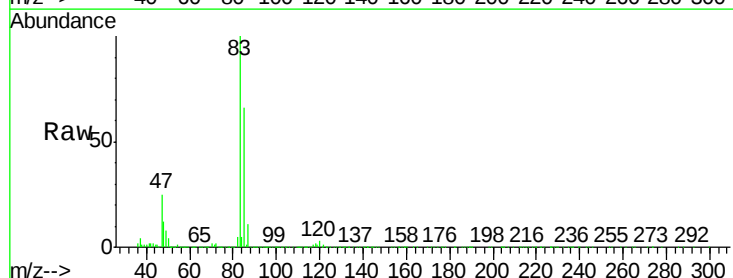
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

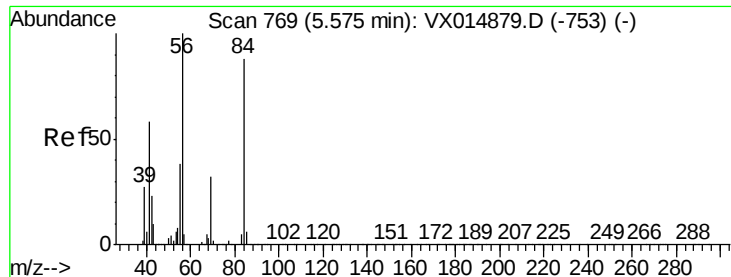
Tgt Ion: 42 Resp: 205319
Ion Ratio Lower Upper
42 100
72 44.5 36.9 55.3
71 42.0 34.1 51.1



#30
Chloroform
Concen: 20.31 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 83 Resp: 160219
Ion Ratio Lower Upper
83 100
85 65.6 52.9 79.3

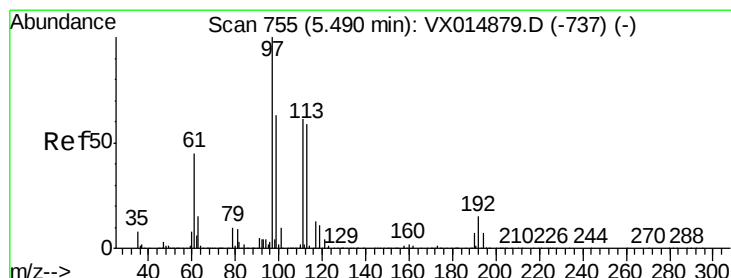
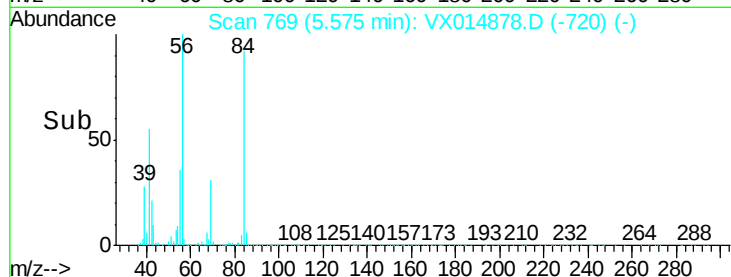
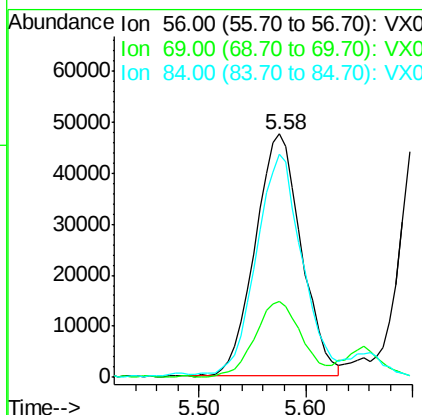
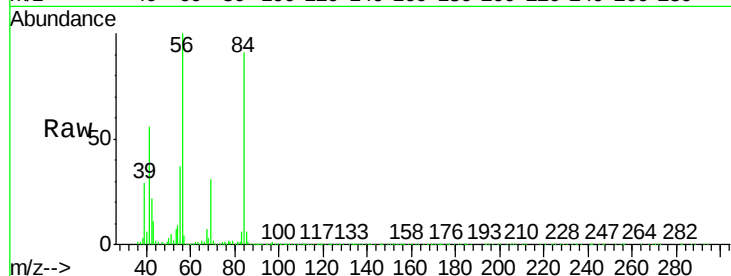




#31
Cyclohexane
Concen: 20.66 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

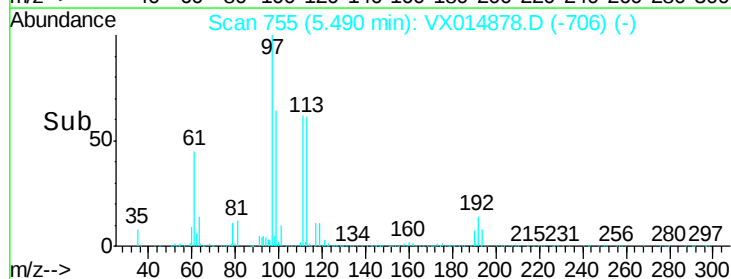
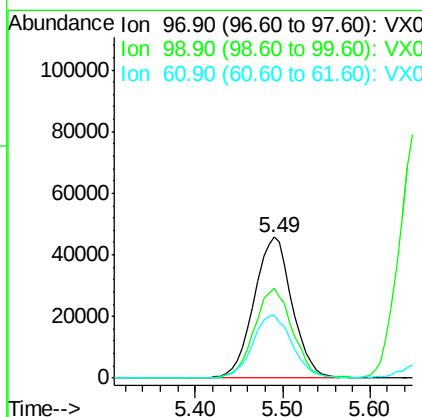
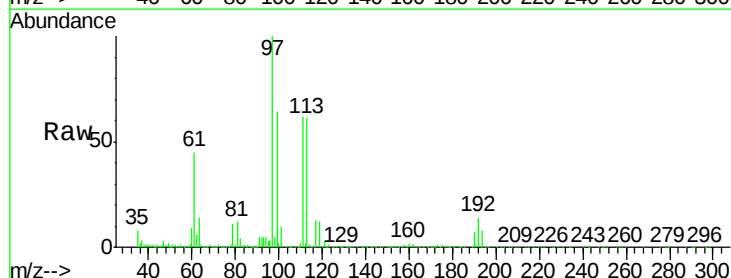
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

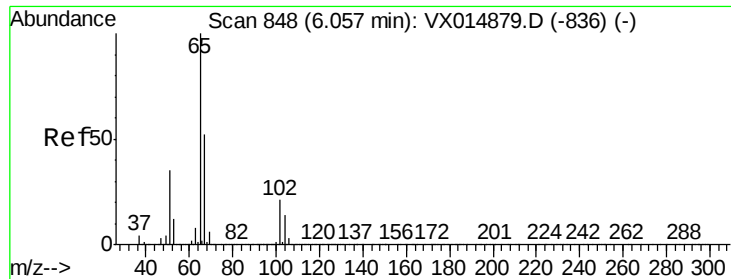
Tgt Ion: 56 Resp: 143560
Ion Ratio Lower Upper
56 100
69 30.6 25.9 38.9
84 90.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 20.40 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 97 Resp: 139036
Ion Ratio Lower Upper
97 100
99 63.9 51.0 76.6
61 45.6 36.3 54.5

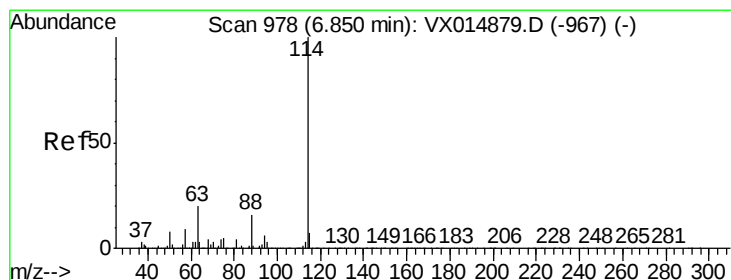
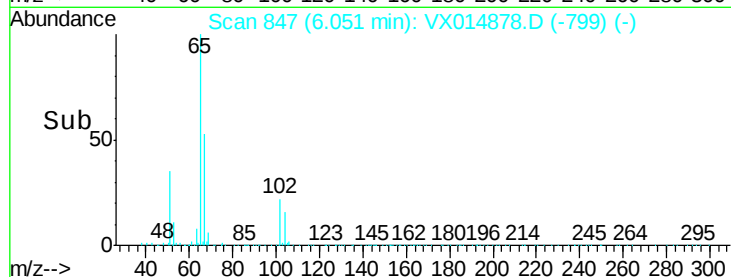
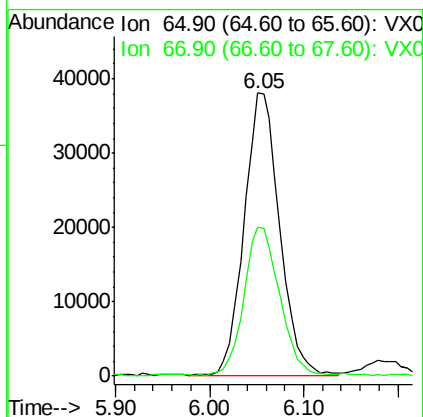
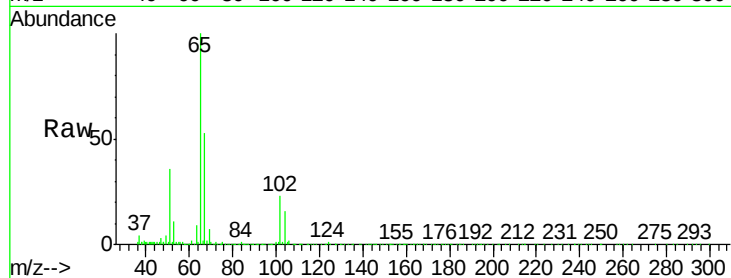




#33
 1,2-Dichloroethane-d4
 Concen: 17.20 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

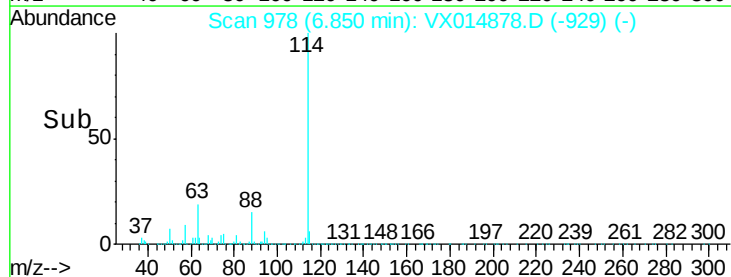
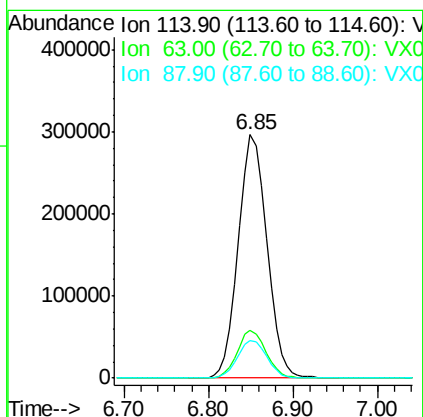
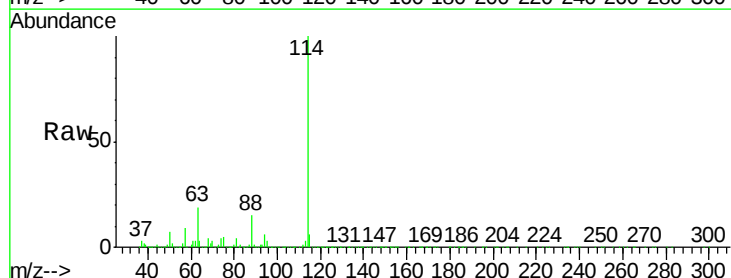
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

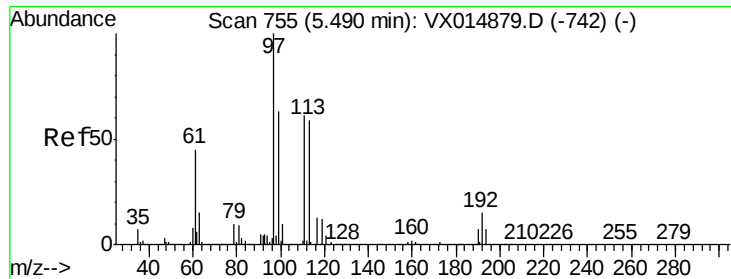
Tgt Ion: 65 Resp: 100022
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion: 114 Resp: 681723
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 15.2 0.0 32.0





#35

Dibromofluoromethane

Concen: 16.73 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

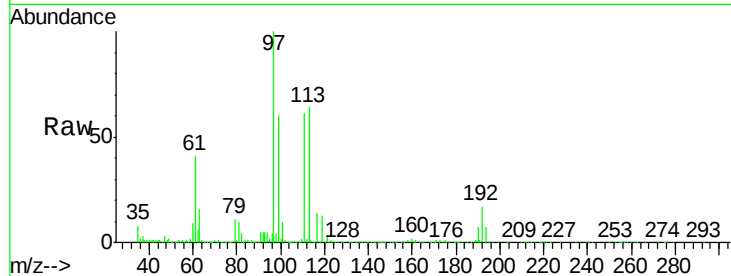
Tgt Ion:113 Resp: 82249

Ion Ratio Lower Upper

113 100

111 98.5 82.4 123.6

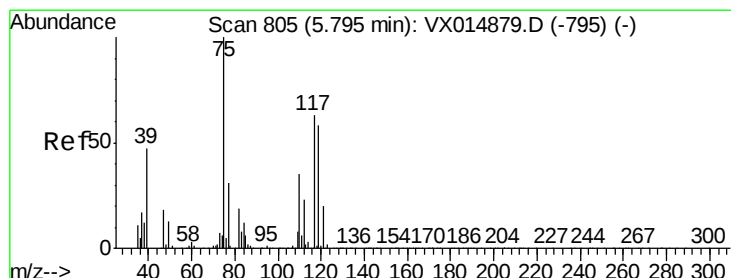
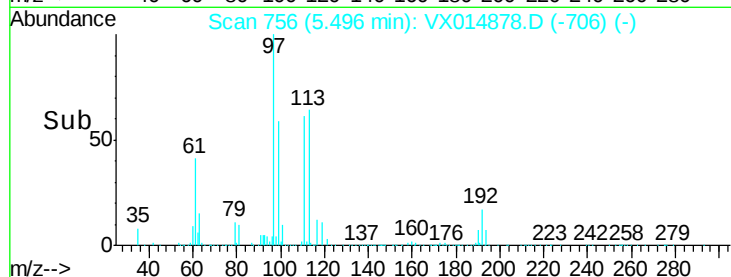
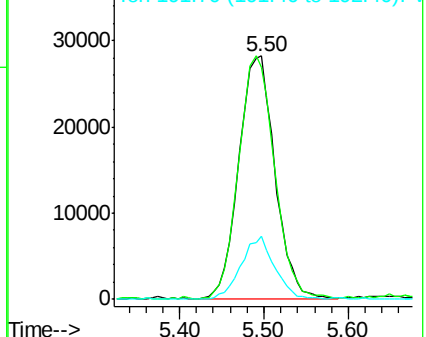
192 24.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.10 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

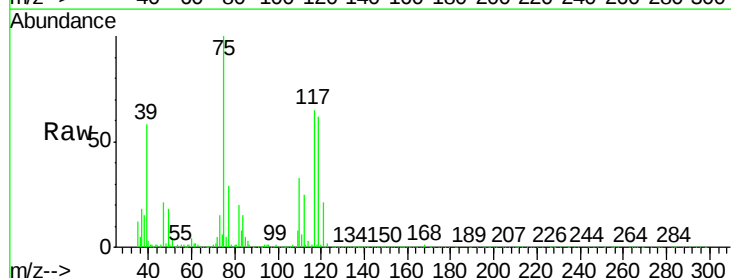
Tgt Ion: 75 Resp: 120426

Ion Ratio Lower Upper

75 100

110 37.5 18.3 54.8

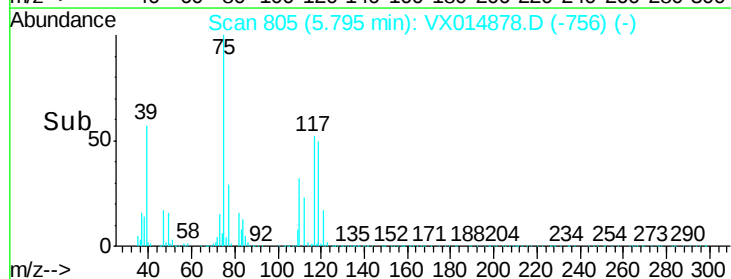
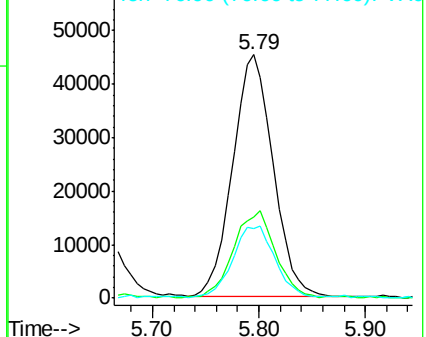
77 30.5 24.6 36.8

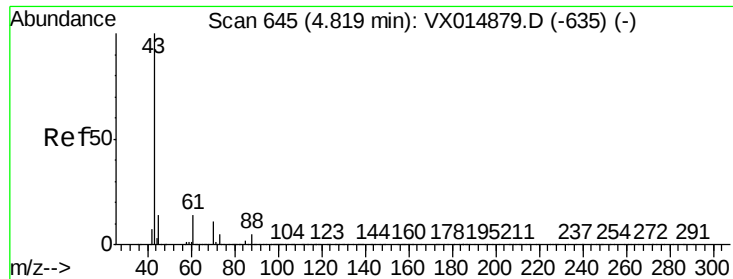


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

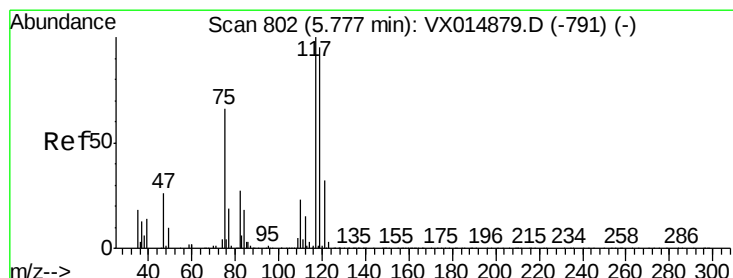
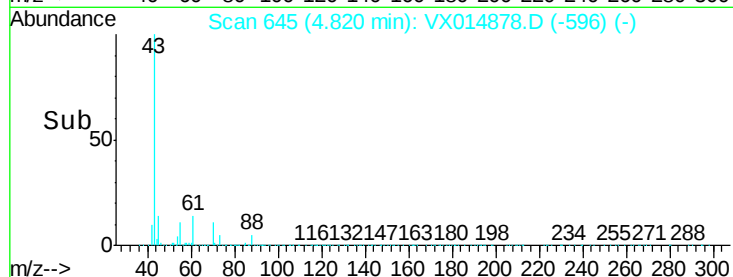
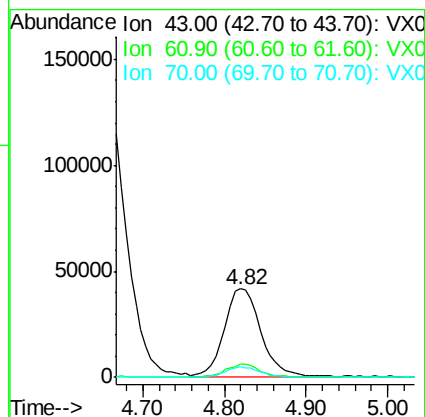
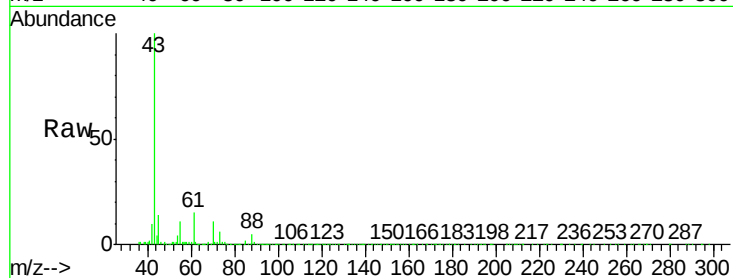




#37
Ethyl Acetate
Concen: 20.35 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

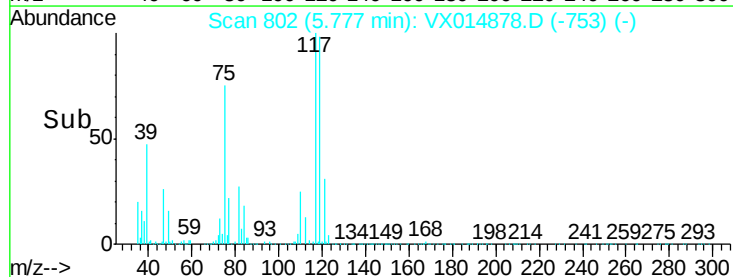
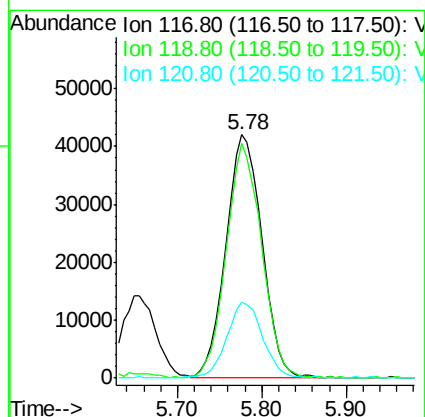
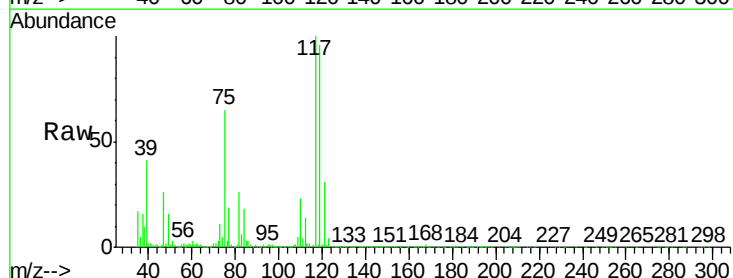
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

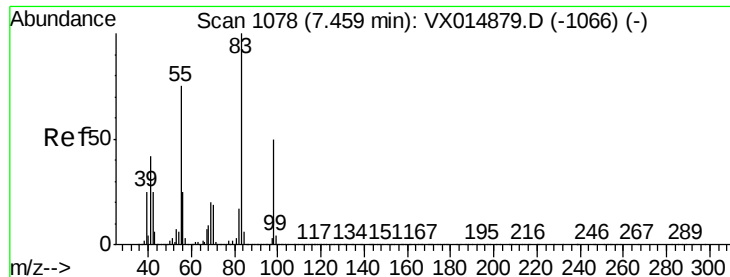
Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.1	10.9	16.3
70	10.7	8.7	13.1



#38
Carbon Tetrachloride
Concen: 21.02 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.0	114.0
121	30.9	25.4	38.2

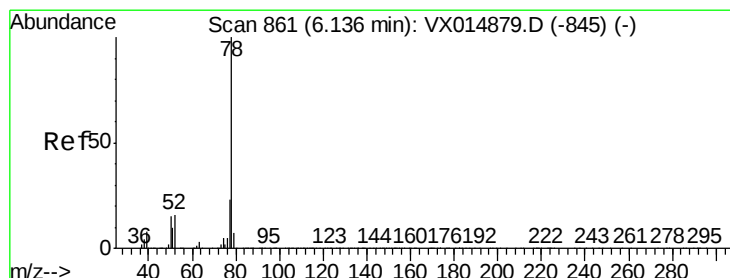
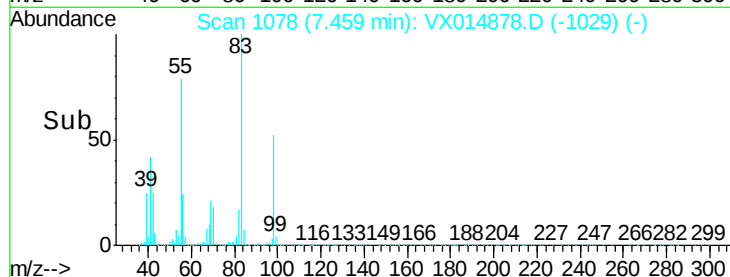
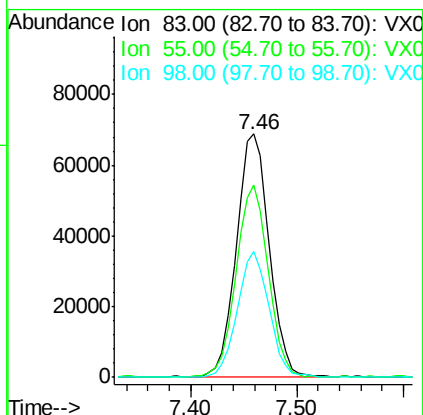
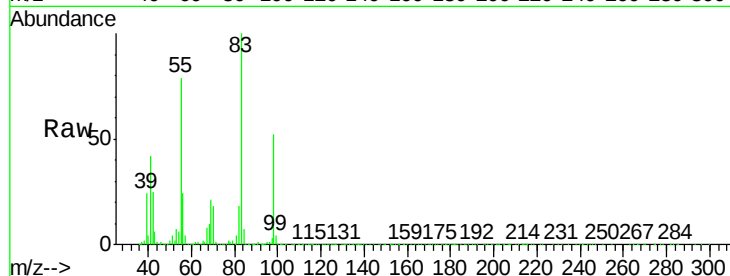




#39
Methylcyclohexane
Concen: 19.67 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

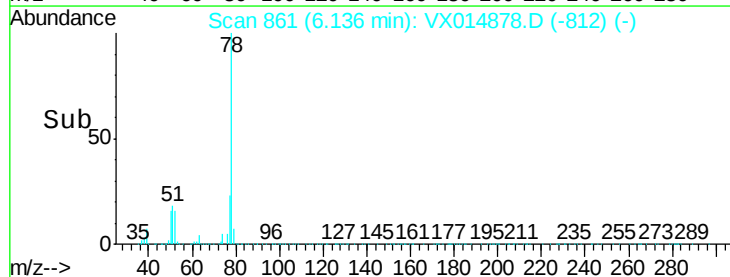
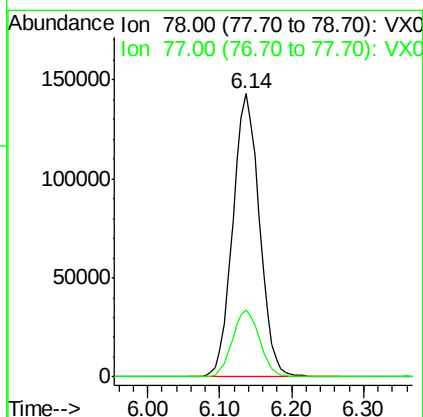
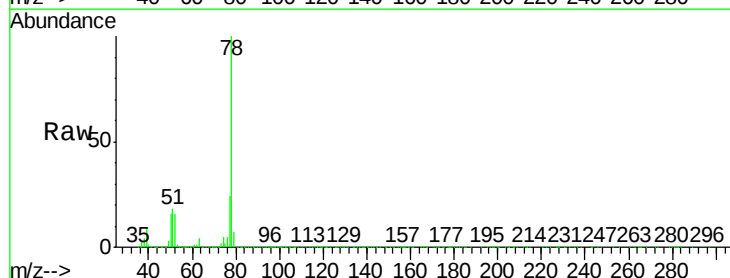
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

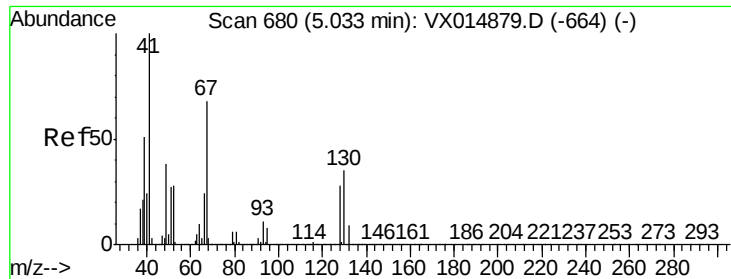
Tgt Ion: 83 Resp: 148722
Ion Ratio Lower Upper
83 100
55 79.0 60.0 90.0
98 51.7 39.6 59.4



#40
Benzene
Concen: 20.33 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 78 Resp: 368401
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#41

Methacrylonitrile

Concen: 21.42 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tgt Ion: 41 Resp: 70753

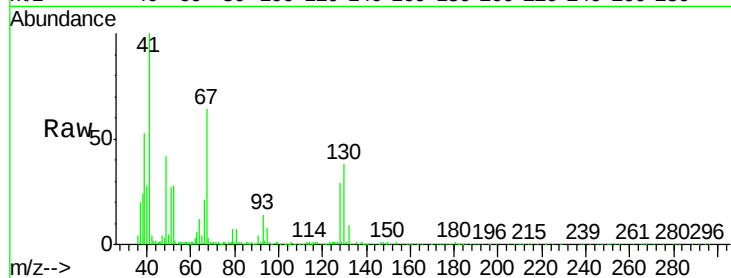
Ion Ratio Lower Upper

41 100

39 55.1 44.7 67.1

67 70.4 56.6 84.8

52 27.9 22.3 33.5

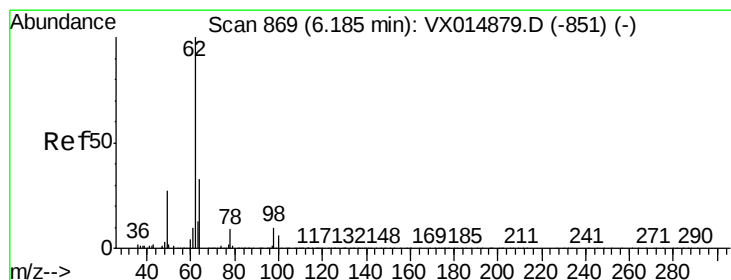
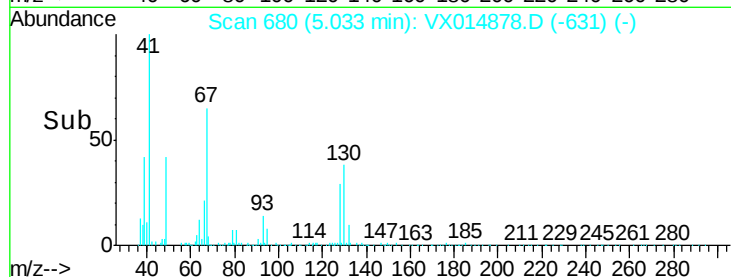
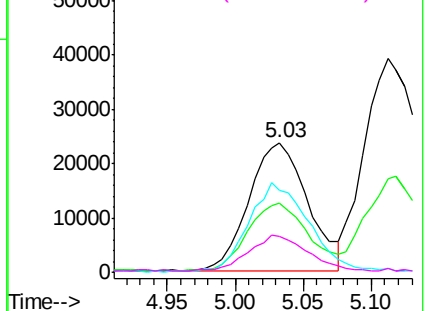


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 19.81 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014878.D

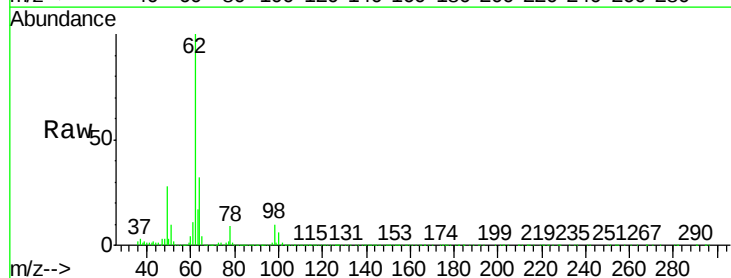
Acq: 10 Feb 2020 10:39

Tgt Ion: 62 Resp: 130961

Ion Ratio Lower Upper

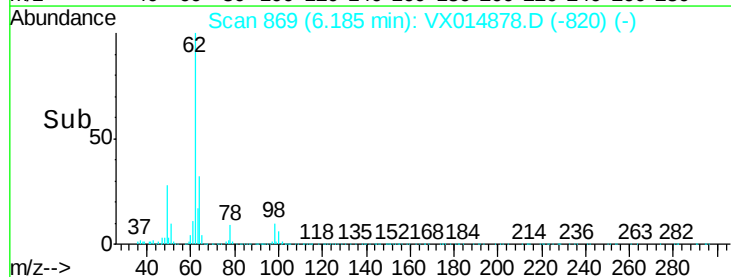
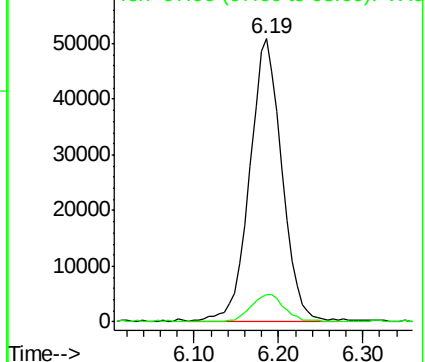
62 100

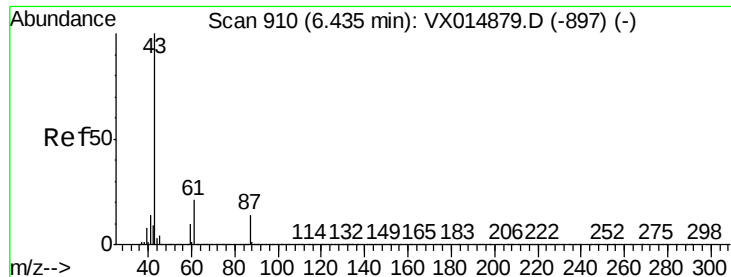
98 9.8 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.44 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

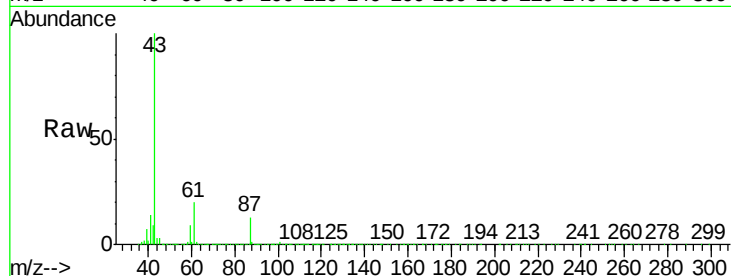
Tgt Ion: 43 Resp: 208352

Ion Ratio Lower Upper

43 100

61 20.7 16.2 24.4

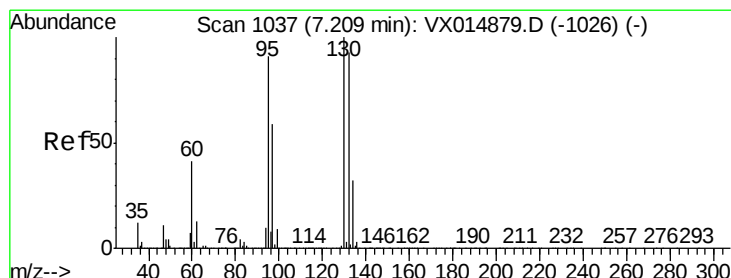
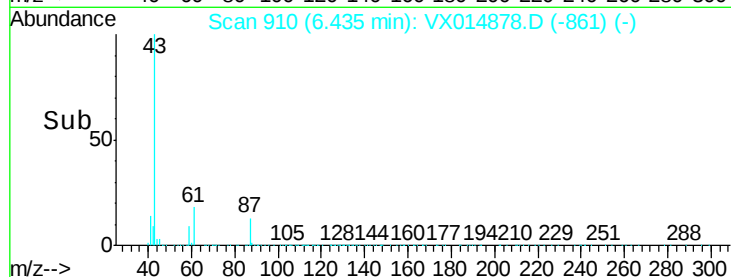
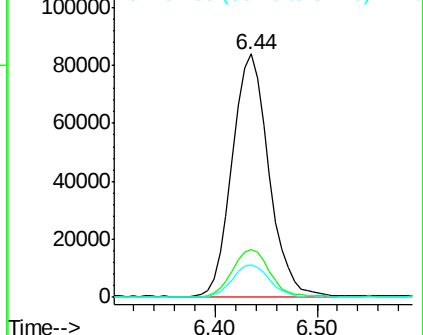
87 13.7 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.28 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014878.D

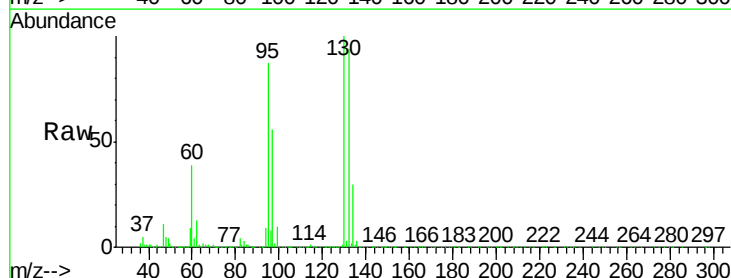
Acq: 10 Feb 2020 10:39

Tgt Ion: 130 Resp: 106584

Ion Ratio Lower Upper

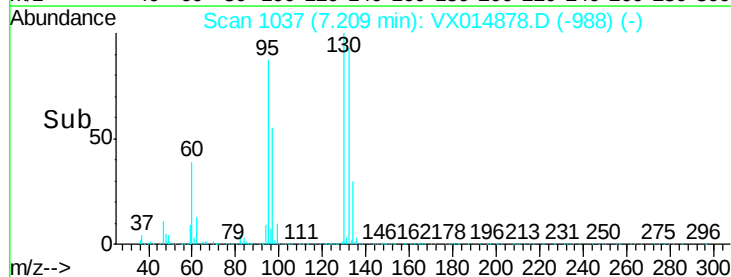
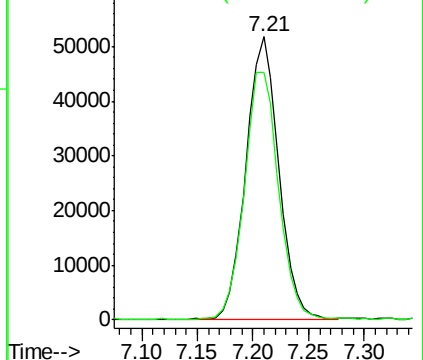
130 100

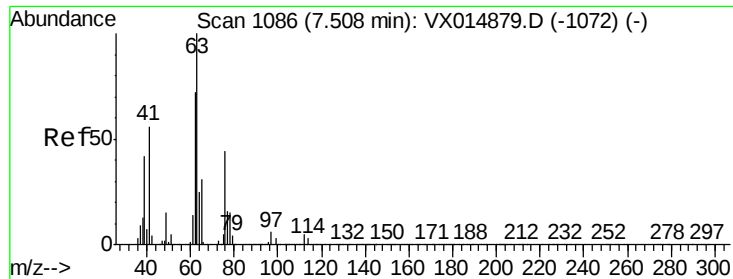
95 87.2 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

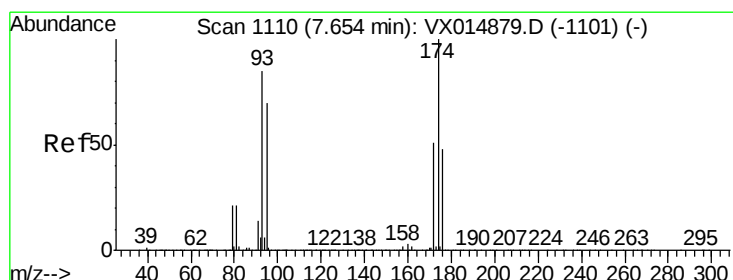
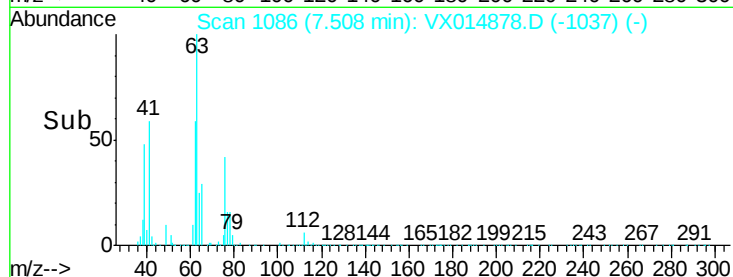
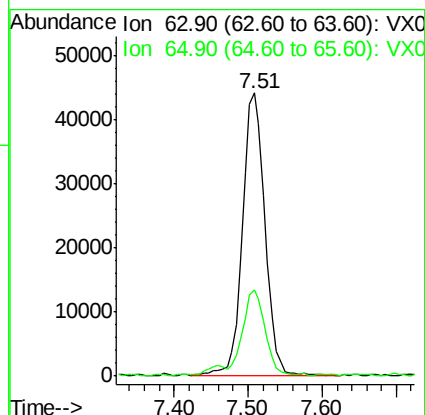
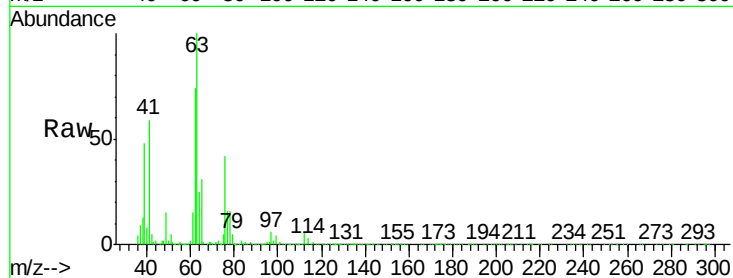




#45
 1,2-Dichloropropane
 Concen: 20.16 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

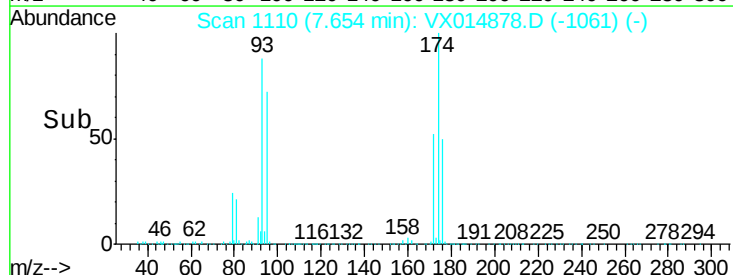
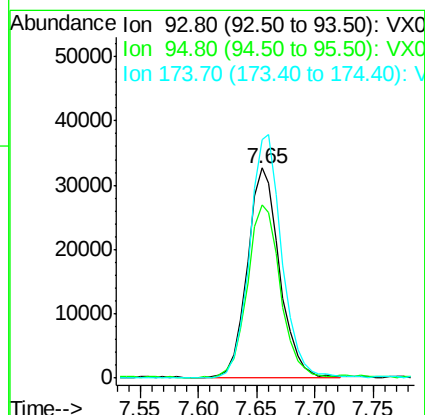
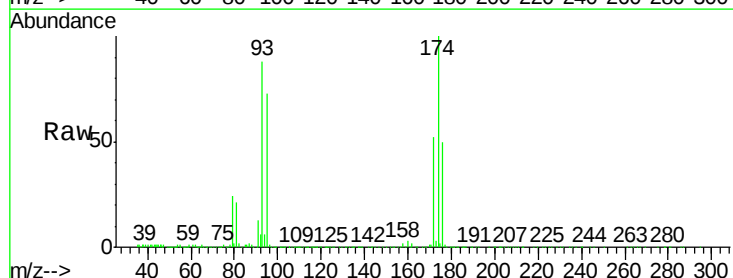
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

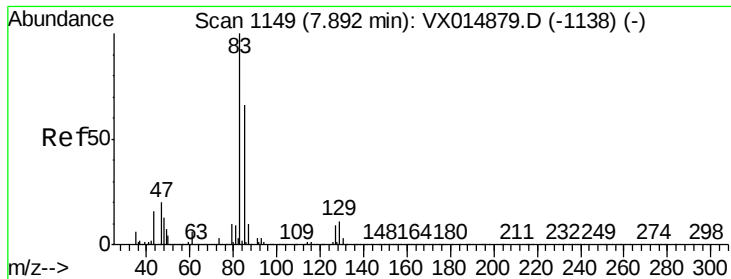
Tgt Ion: 63 Resp: 92922
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.9 37.3



#46
 Dibromomethane
 Concen: 19.96 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion: 93 Resp: 63108
 Ion Ratio Lower Upper
 93 100
 95 83.5 65.8 98.8
 174 116.1 95.4 143.2





#47

Bromodichloromethane

Concen: 20.11 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

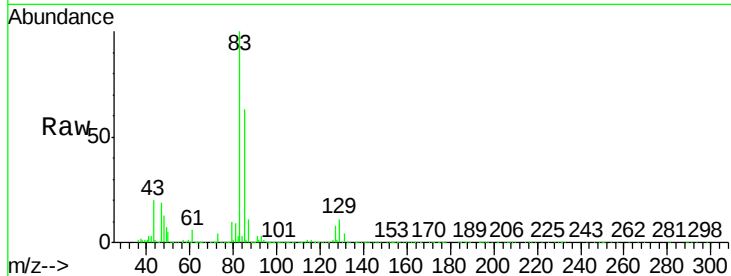
Tgt Ion: 83 Resp: 123972

Ion Ratio Lower Upper

83 100

85 62.7 52.5 78.7

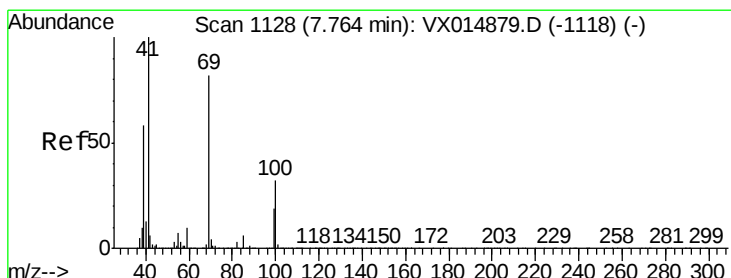
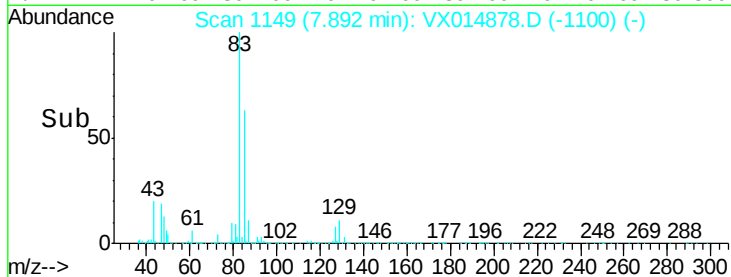
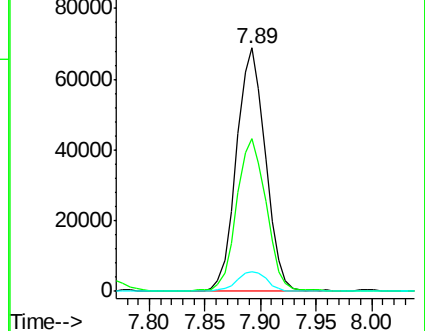
127 7.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.65 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

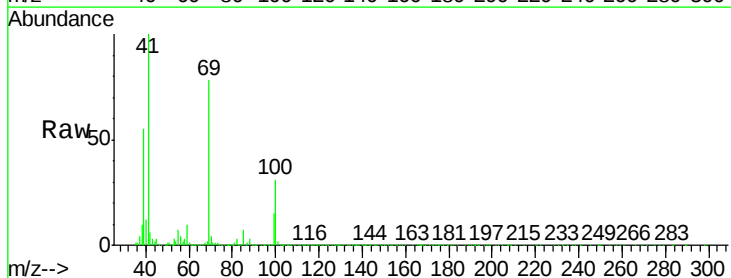
Tgt Ion: 41 Resp: 101996

Ion Ratio Lower Upper

41 100

69 82.3 65.7 98.5

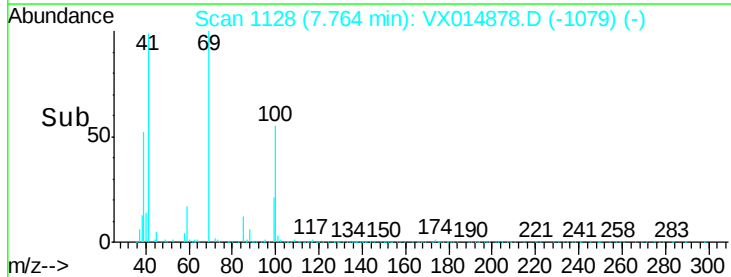
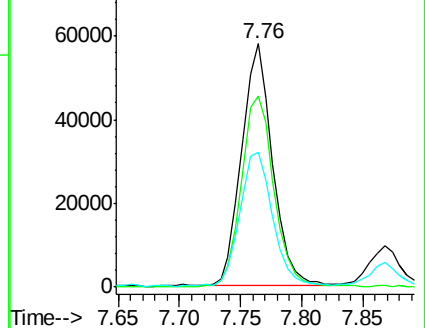
39 58.6 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 375.75 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

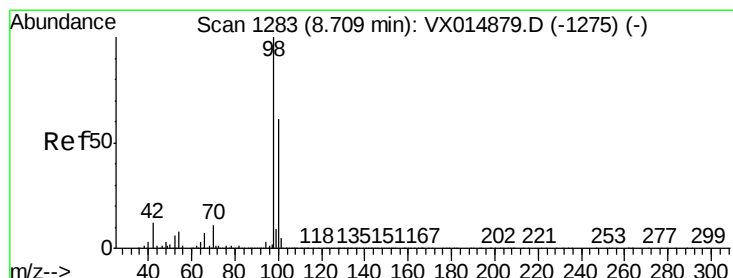
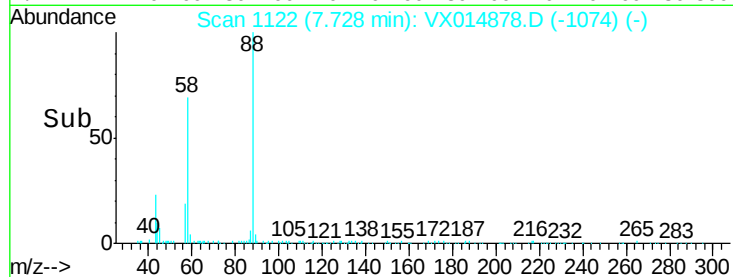
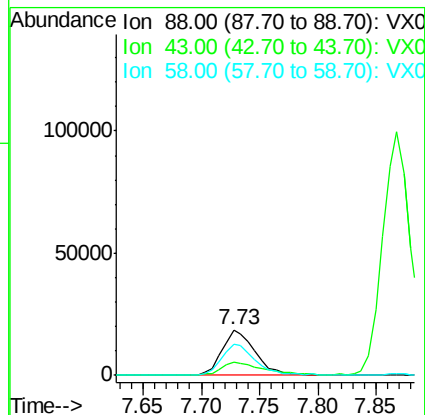
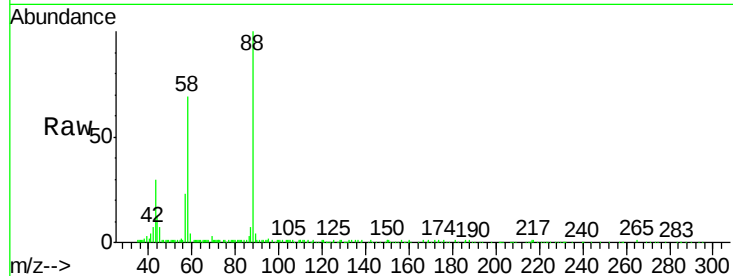
Tgt Ion: 88 Resp: 35958

Ion Ratio Lower Upper

88 100

43 34.7 27.0 40.4

58 68.1 53.2 79.8



#50

Toluene-d8

Concen: 18.80 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014878.D

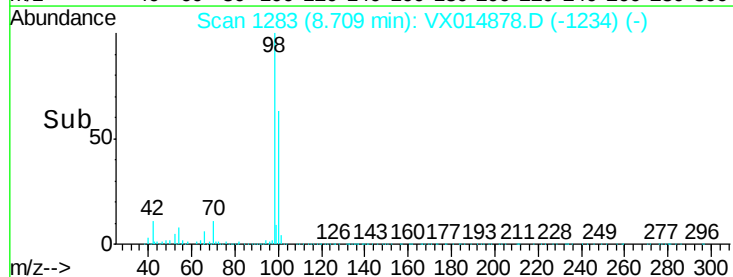
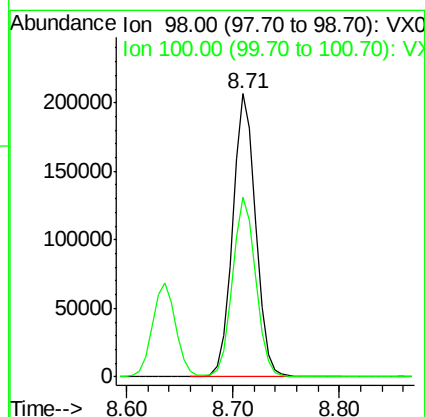
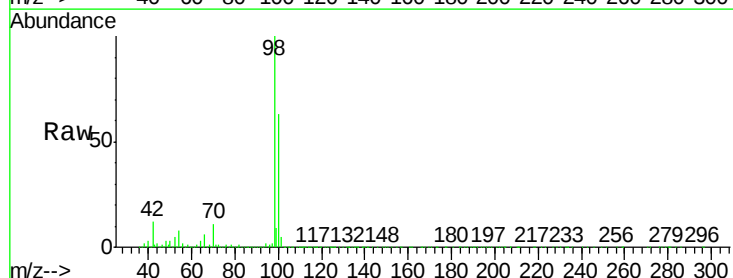
Acq: 10 Feb 2020 10:39

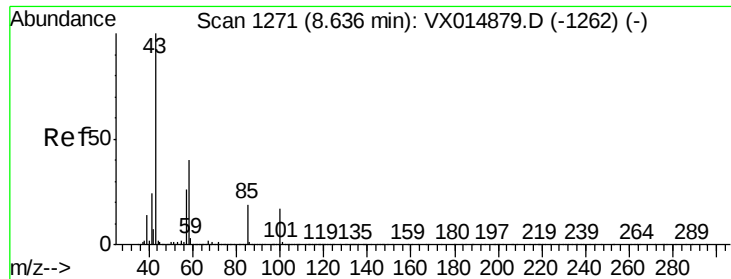
Tgt Ion: 98 Resp: 312438

Ion Ratio Lower Upper

98 100

100 64.1 52.4 78.6

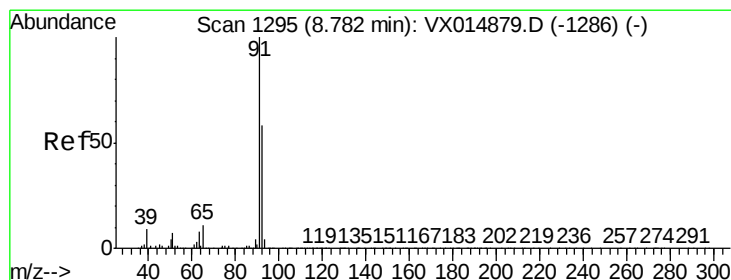
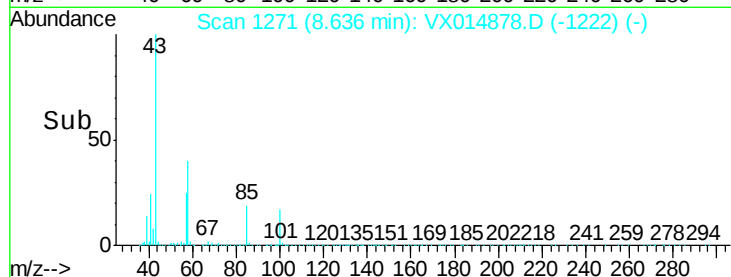
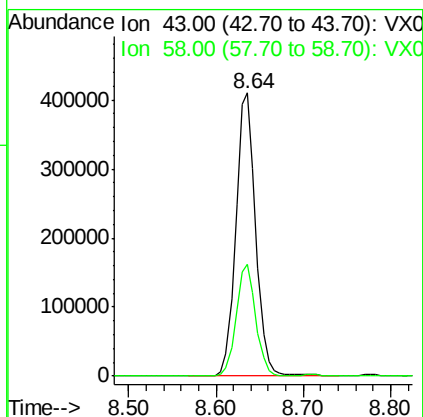
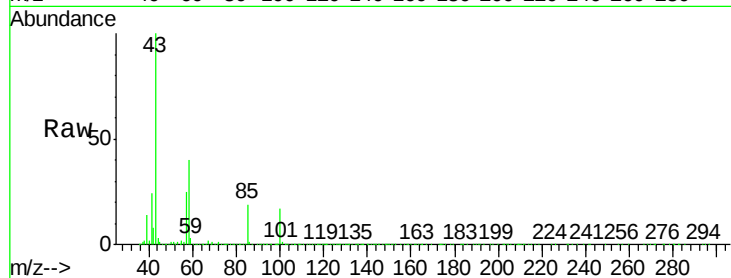




#51
4-Methyl-2-Pentanone
Concen: 104.79 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

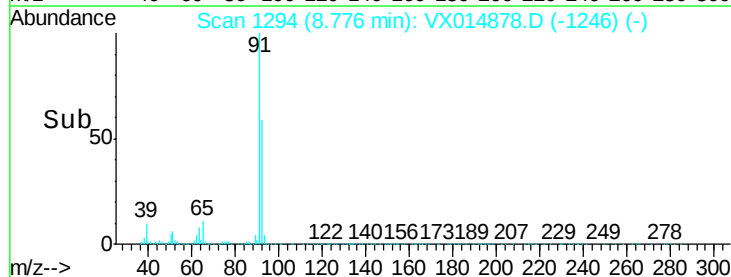
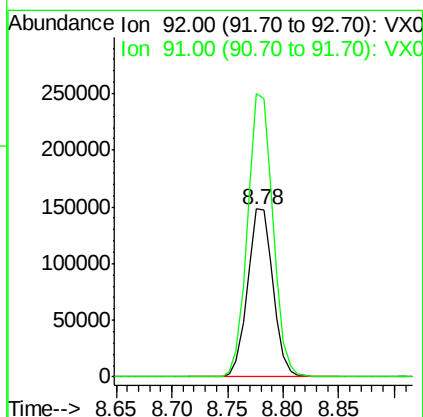
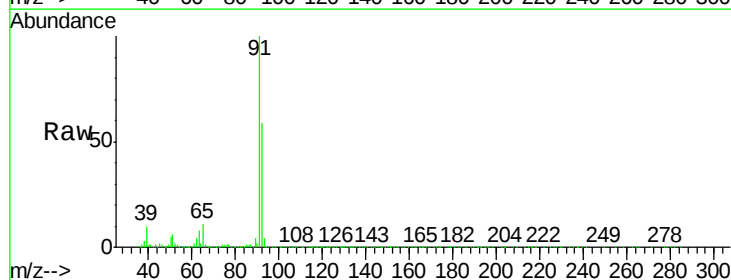
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

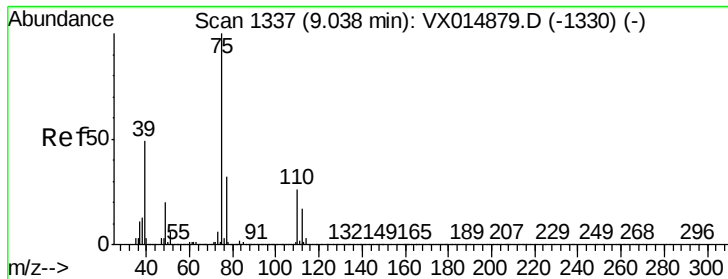
Tgt Ion: 43 Resp: 646343
Ion Ratio Lower Upper
43 100
58 39.0 31.9 47.9



#52
Toluene
Concen: 20.59 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 92 Resp: 235290
Ion Ratio Lower Upper
92 100
91 168.5 137.0 205.4

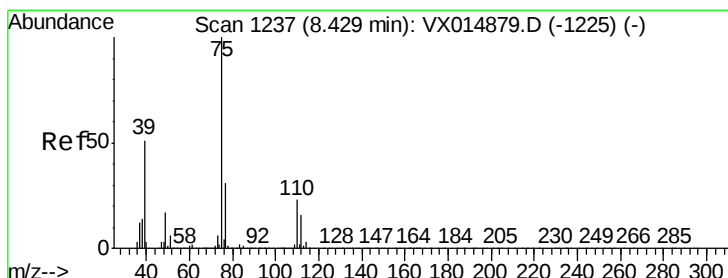
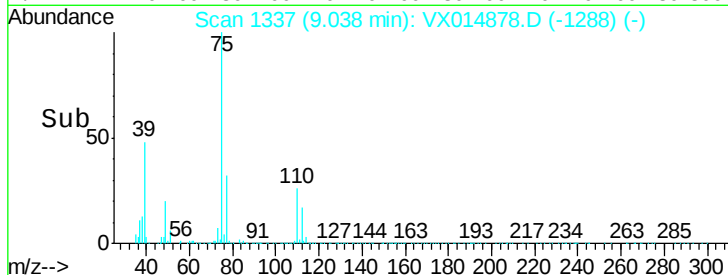
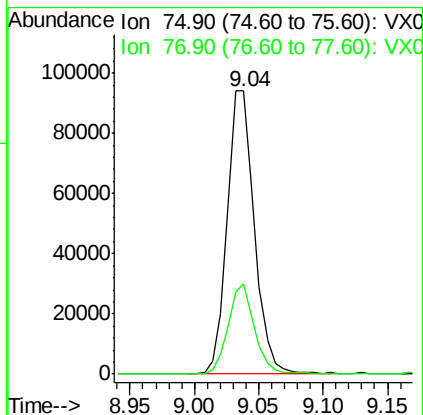
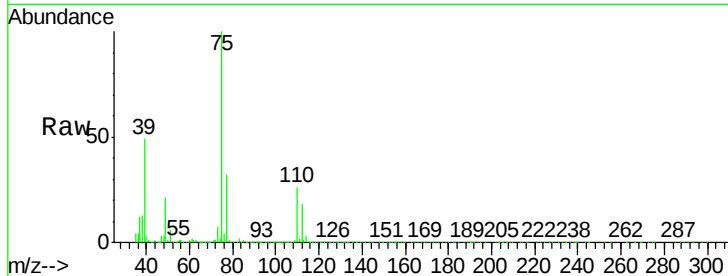




#53
 t-1,3-Dichloropropene
 Concen: 21.32 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

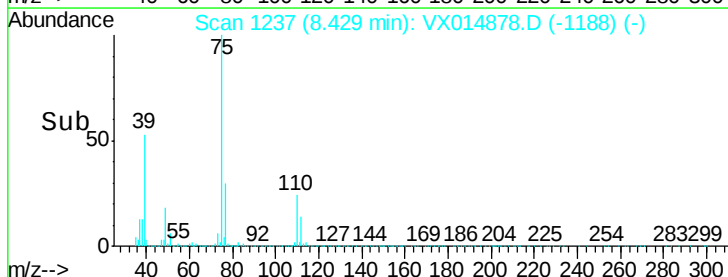
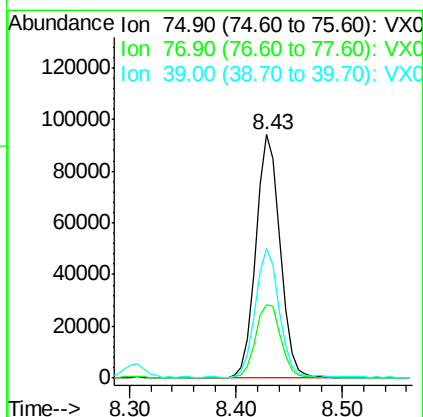
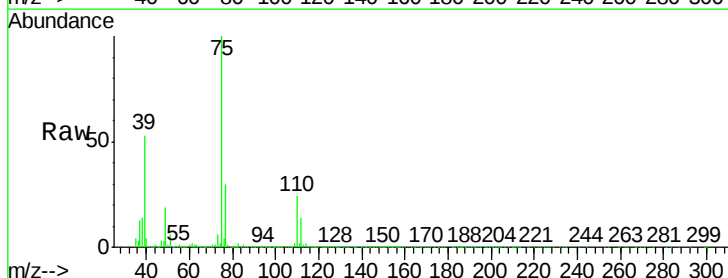
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tgt Ion: 75 Resp: 140299
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.48 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion: 75 Resp: 151360
 Ion Ratio Lower Upper
 75 100
 77 30.0 24.6 37.0
 39 52.6 40.9 61.3

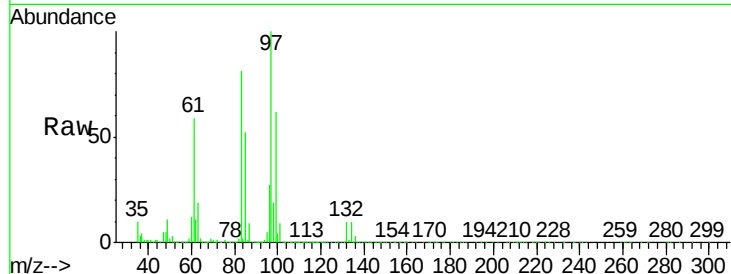




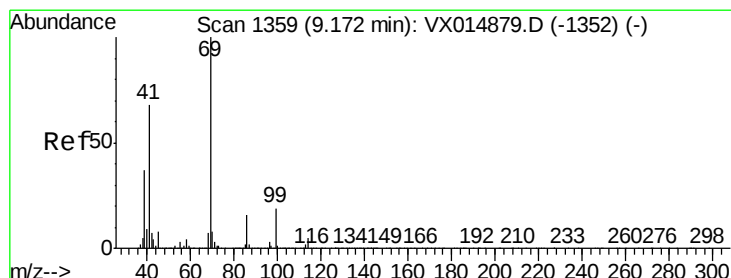
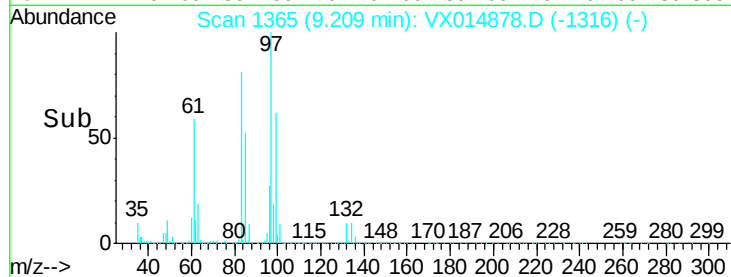
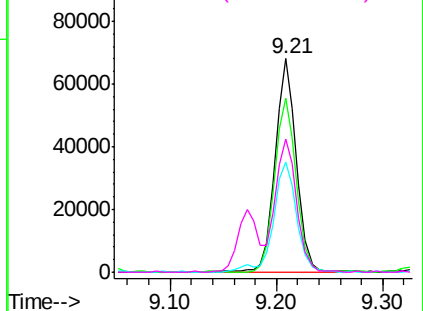
#55
 1,1,2-Trichloroethane
 Concen: 20.27 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:	97	Resp:	93899
Ion	Ratio	Lower	Upper
97	100		
83	81.2	66.6	99.8
85	51.7	43.5	65.3
99	62.0	49.6	74.4

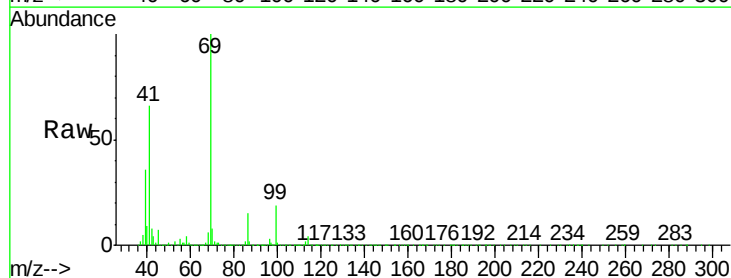


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

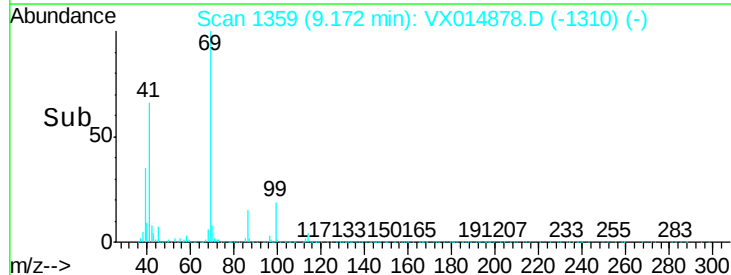
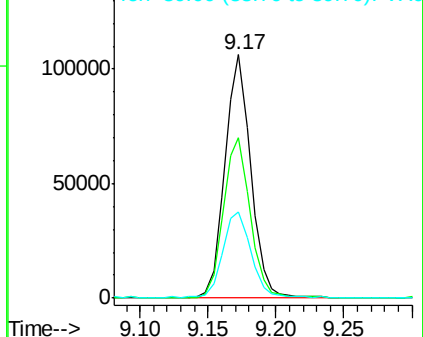


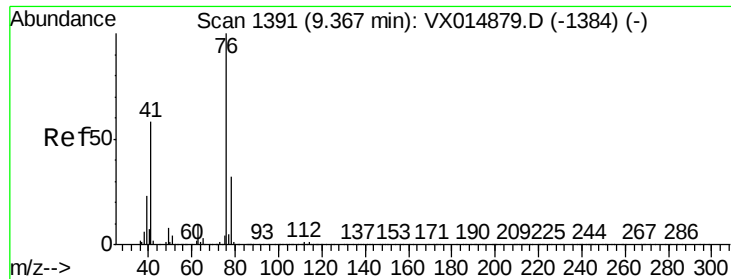
#56
 Ethyl methacrylate
 Concen: 21.00 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion:	69	Resp:	139870
Ion	Ratio	Lower	Upper
69	100		
41	68.2	54.8	82.2
39	38.6	29.9	44.9



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





#57

1,3-Dichloropropane

Concen: 20.18 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

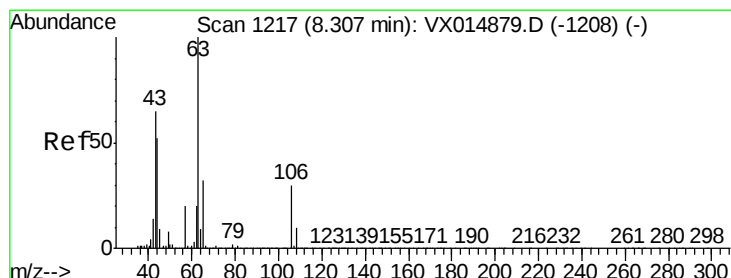
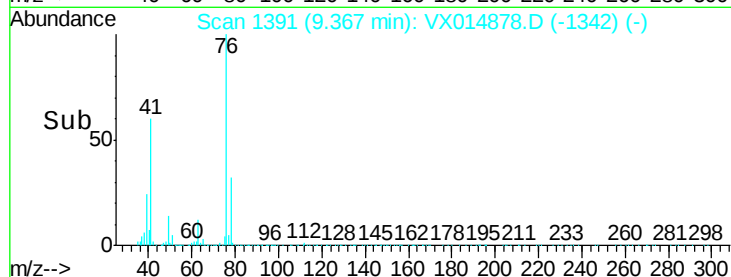
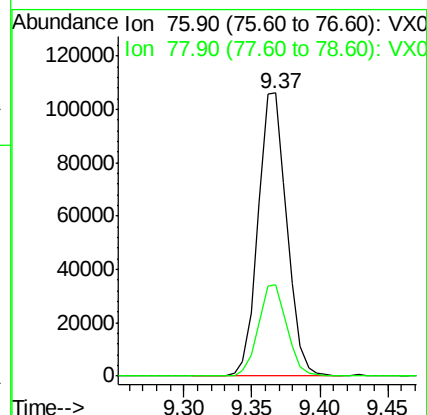
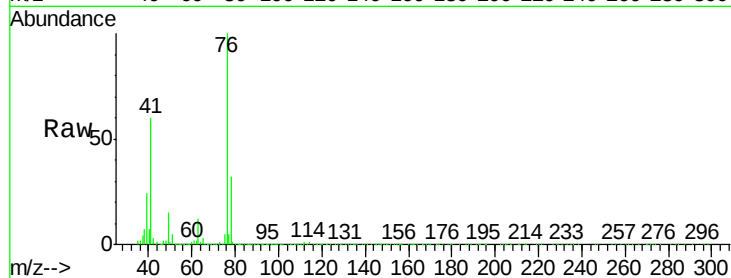
VSTDIC020

Tgt Ion: 76 Resp: 157711

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 102.24 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014878.D

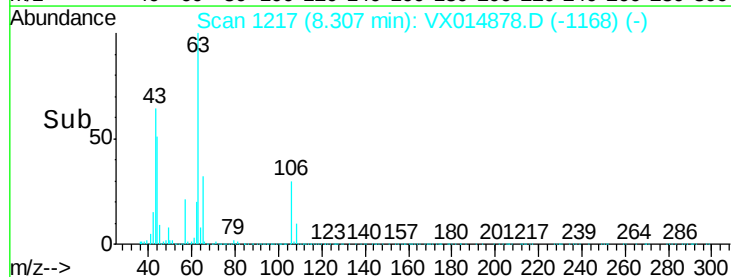
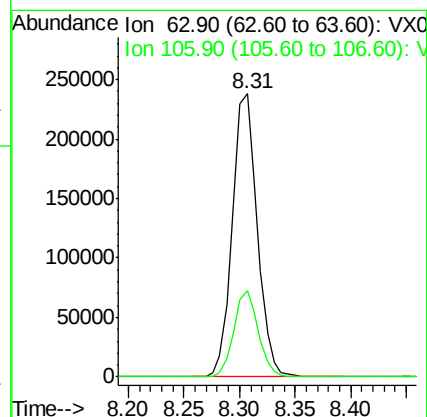
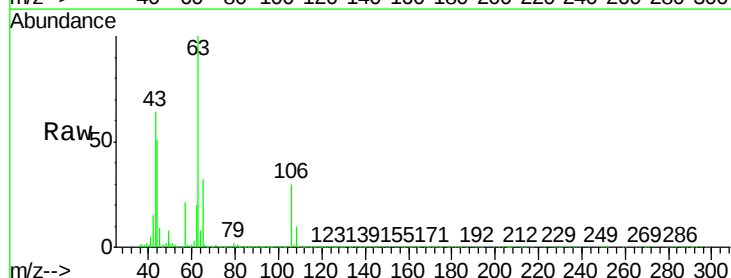
Acq: 10 Feb 2020 10:39

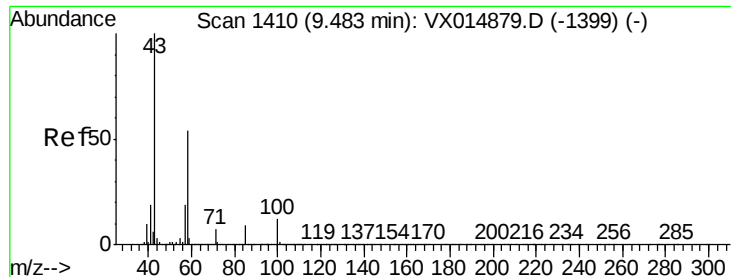
Tgt Ion: 63 Resp: 368656

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8

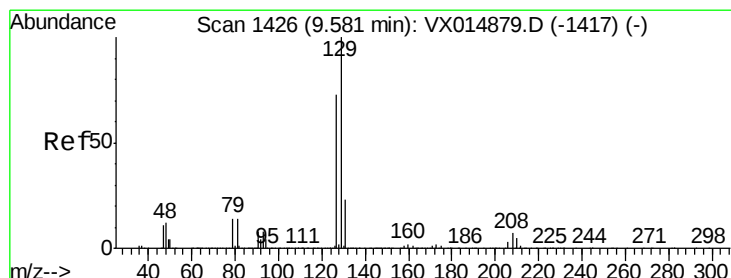
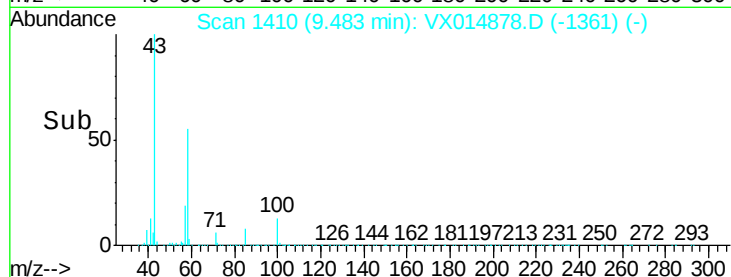
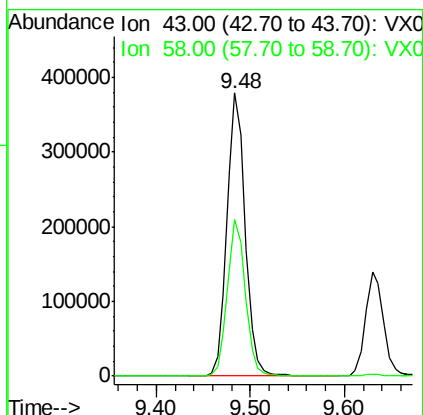
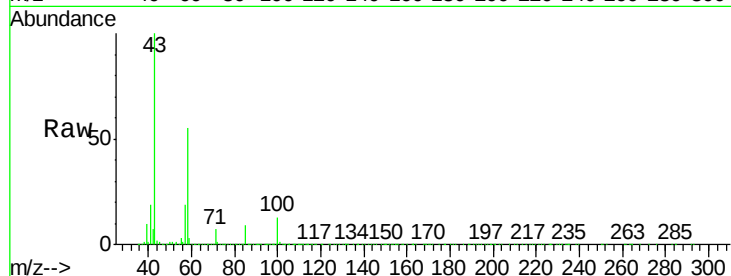




#59
2-Hexanone
Concen: 105.61 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

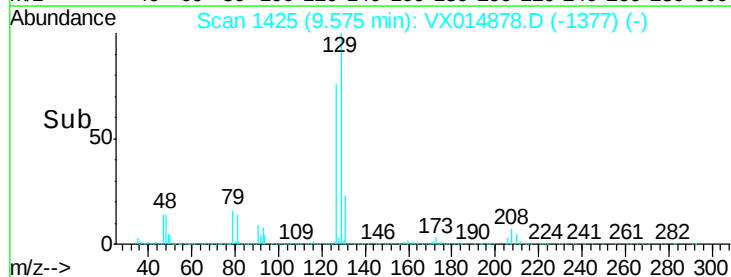
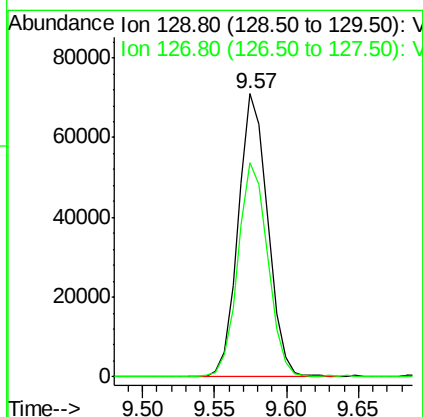
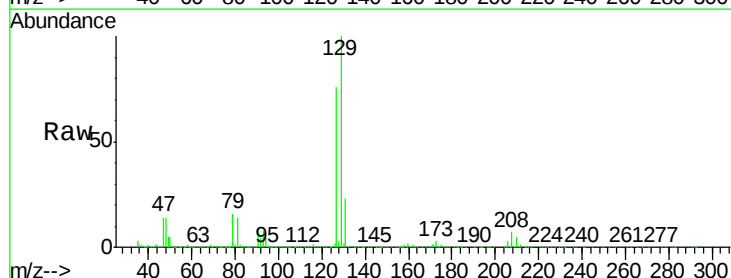
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

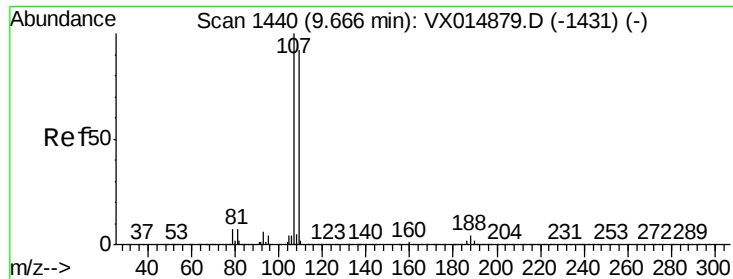
Tgt Ion: 43 Resp: 508325
Ion Ratio Lower Upper
43 100
58 55.1 27.5 82.5



#60
Dibromochloromethane
Concen: 21.09 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion: 129 Resp: 101374
Ion Ratio Lower Upper
129 100
127 76.4 37.8 113.3





#61

1,2-Dibromoethane

Concen: 20.02 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

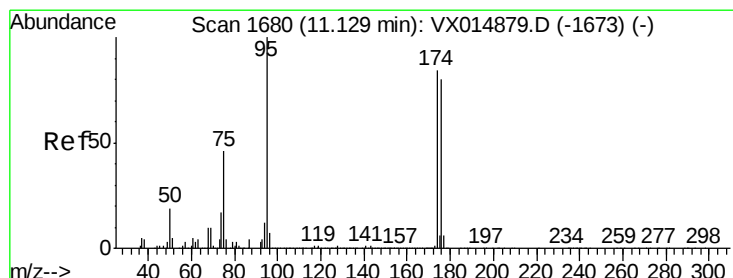
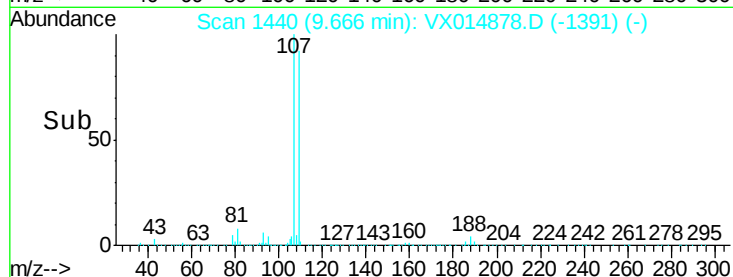
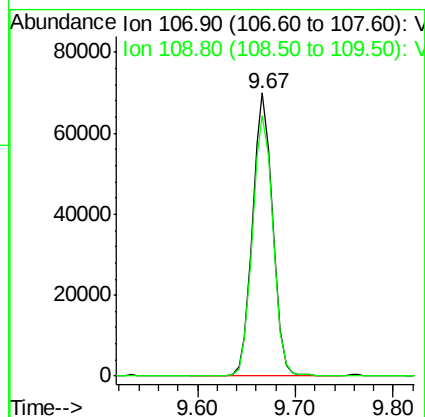
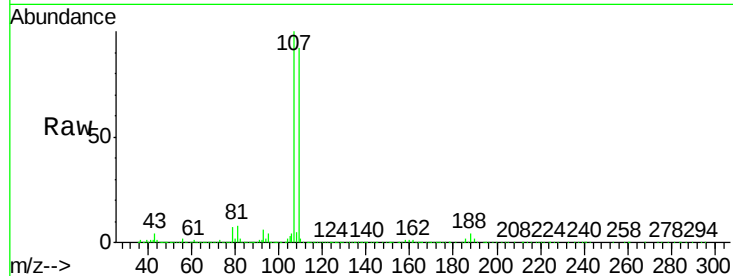
VSTDIC020

Tgt Ion: 107 Resp: 100357

Ion Ratio Lower Upper

107 100

109 93.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 19.48 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

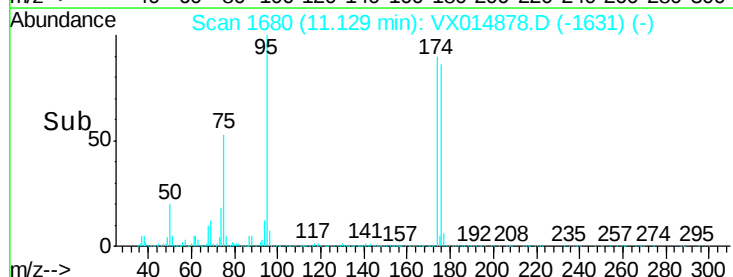
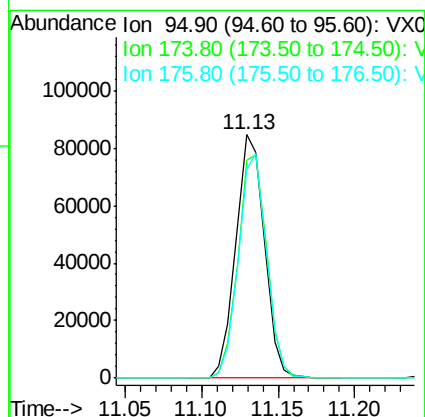
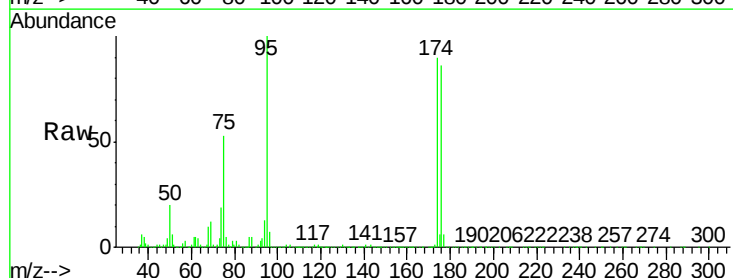
Tgt Ion: 95 Resp: 109470

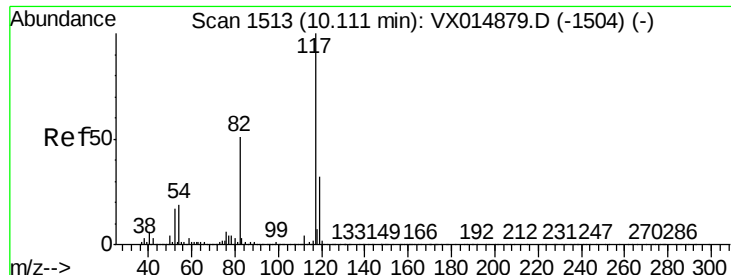
Ion Ratio Lower Upper

95 100

174 93.3 0.0 183.0

176 90.8 0.0 178.0

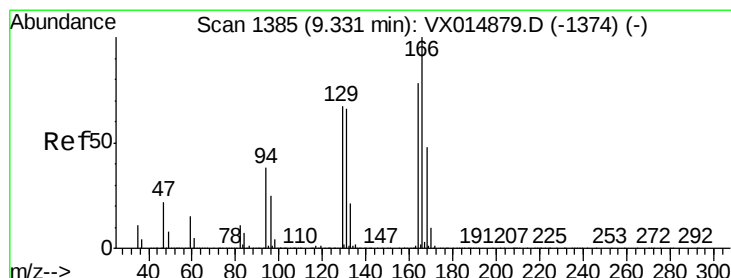
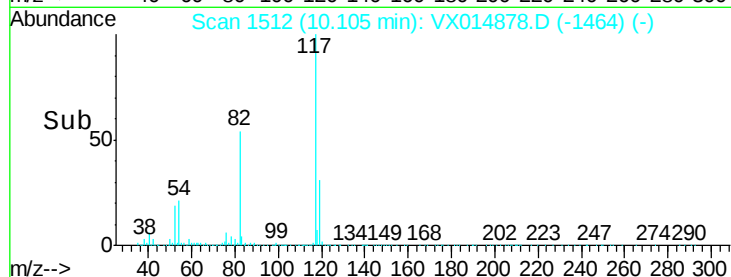
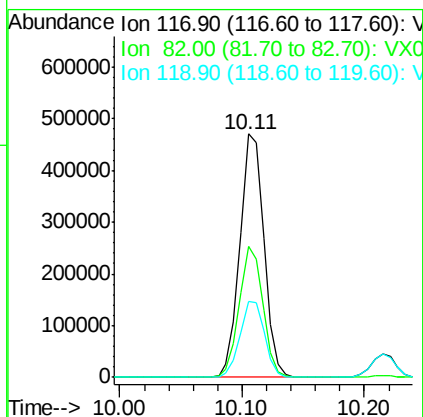
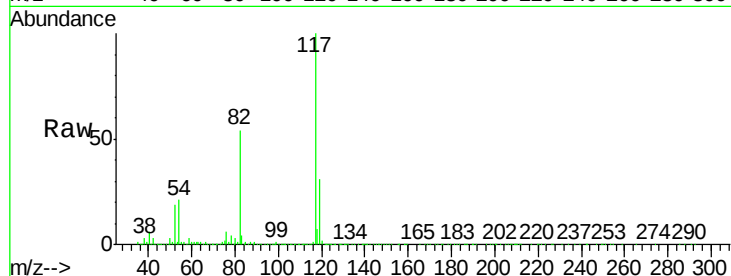




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

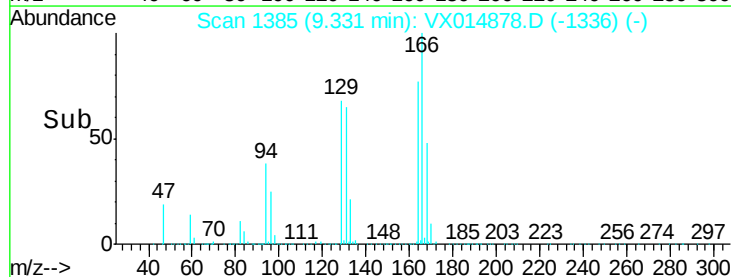
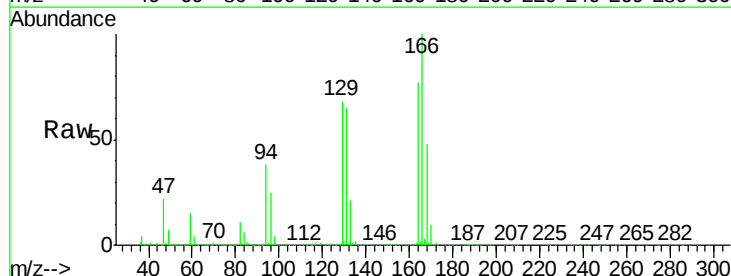
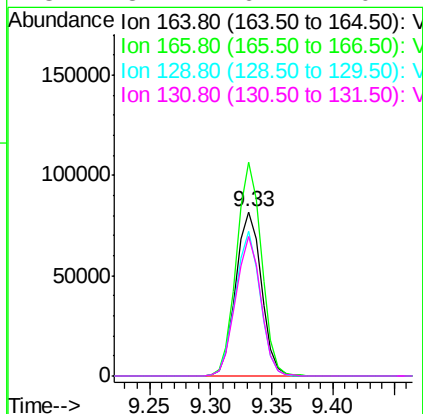
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

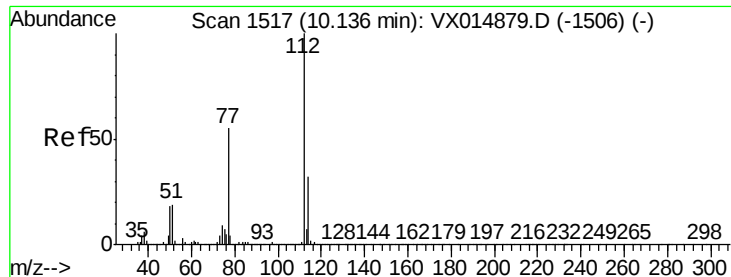
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	40.5	60.7
119	31.1	25.8	38.6



#64
Tetrachloroethene
Concen: 20.23 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.6	153.8
129	88.0	68.3	102.5
131	84.7	67.4	101.2





#65

Chlorobenzene

Concen: 19.84 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

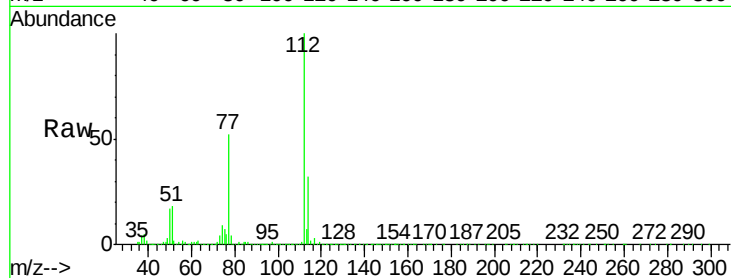
VSTDIC020

Tgt Ion:112 Resp: 256791

Ion Ratio Lower Upper

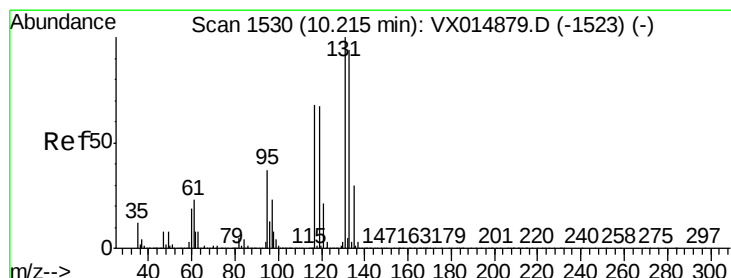
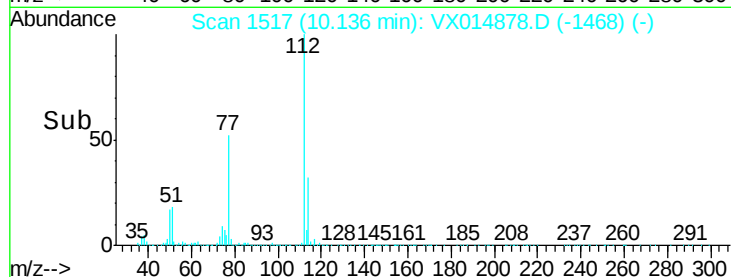
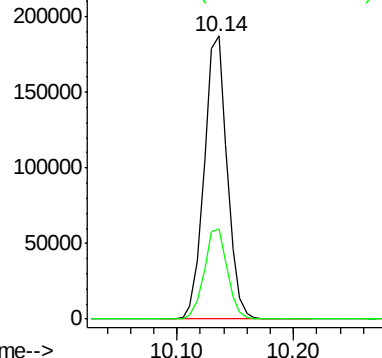
112 100

114 31.9 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.44 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

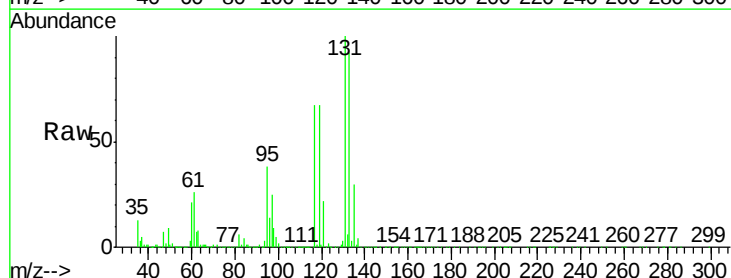
Tgt Ion:131 Resp: 94062

Ion Ratio Lower Upper

131 100

133 93.1 48.1 144.4

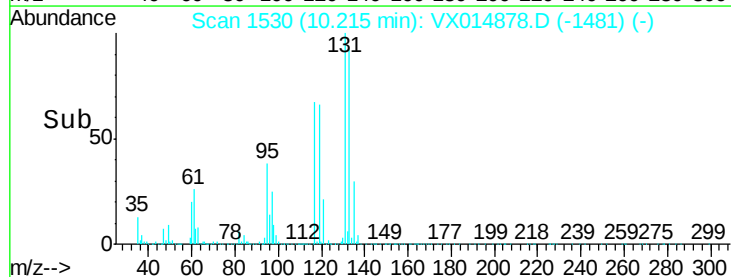
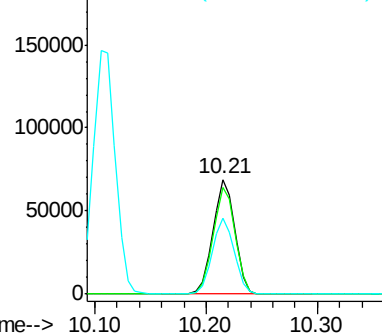
119 66.3 33.0 99.0

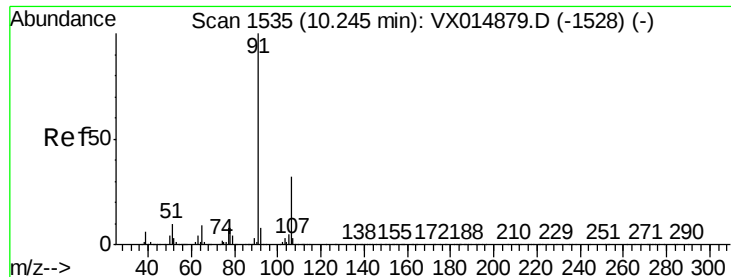


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 20.47 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

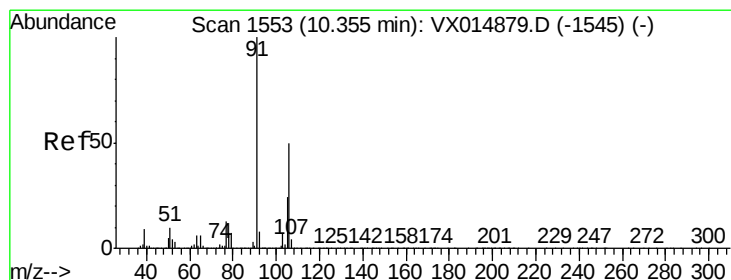
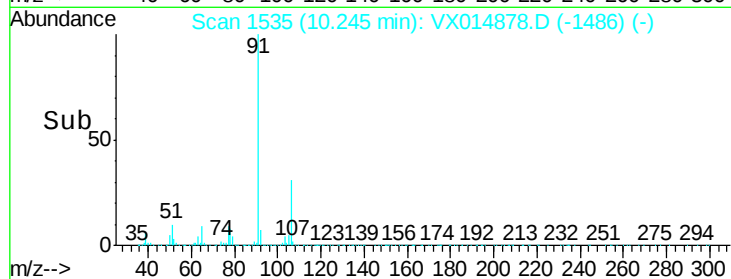
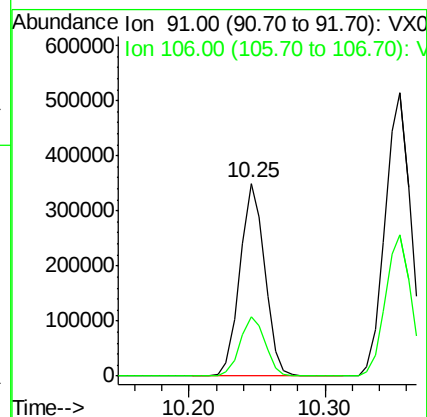
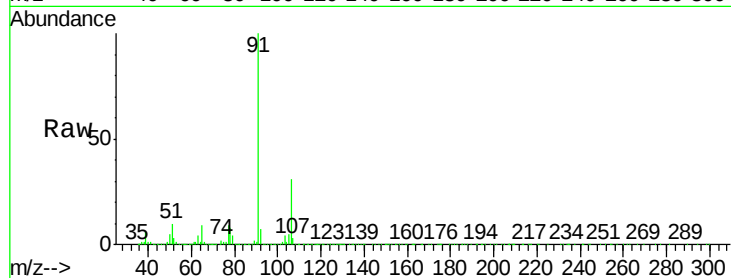
VSTDIC020

Tgt Ion: 91 Resp: 443802

Ion Ratio Lower Upper

91 100

106 30.8 25.3 37.9



#68

m/p-Xylenes

Concen: 40.22 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014878.D

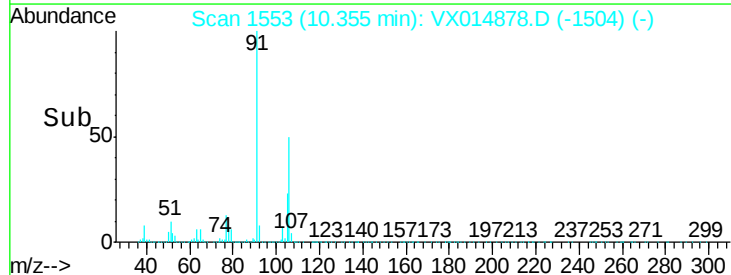
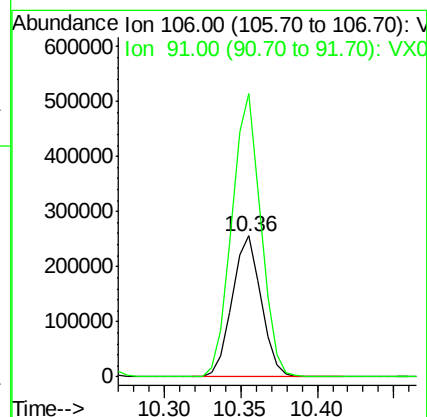
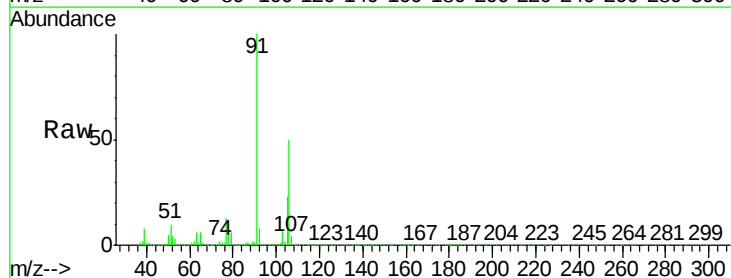
Acq: 10 Feb 2020 10:39

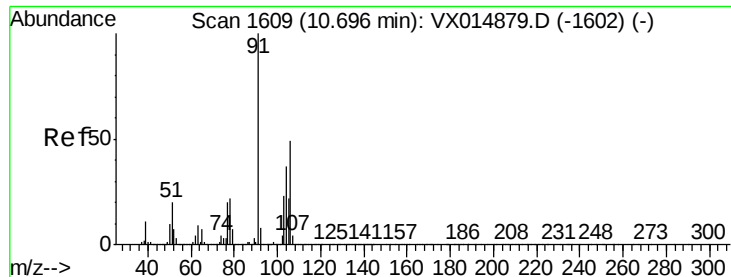
Tgt Ion: 106 Resp: 334886

Ion Ratio Lower Upper

106 100

91 201.5 160.6 240.8

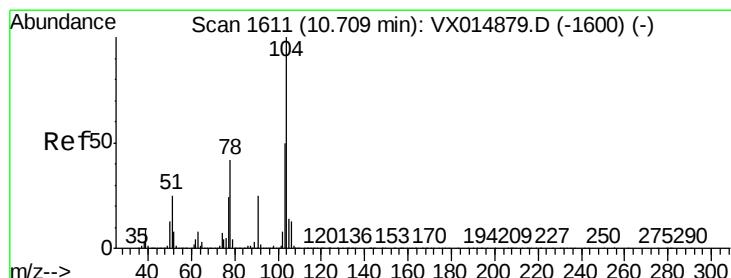
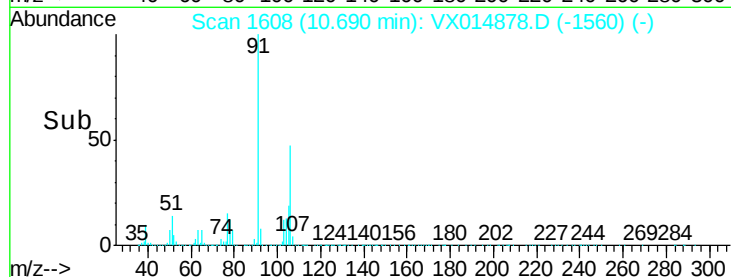
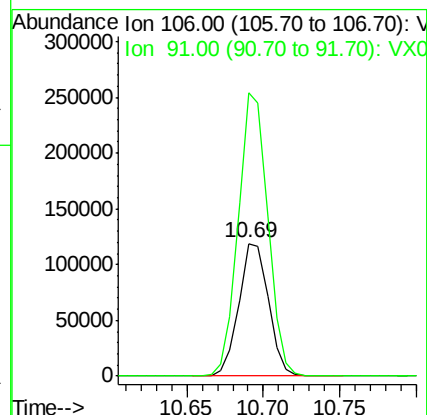
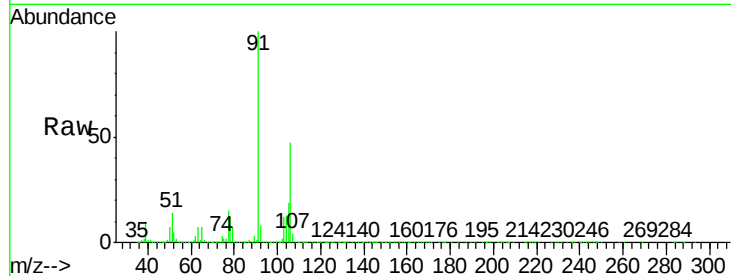




#69
o-Xylene
Concen: 20.05 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

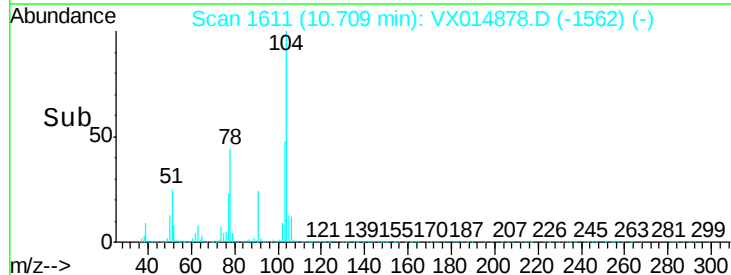
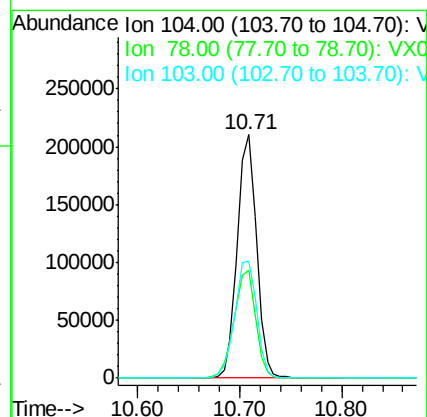
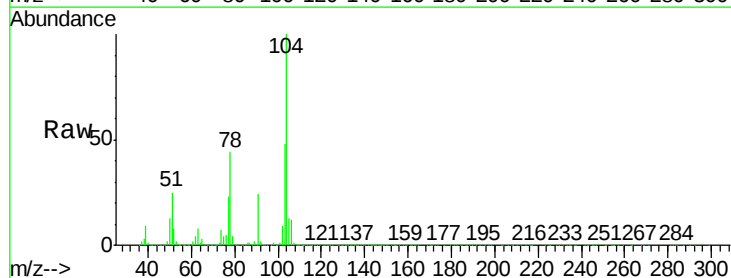
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

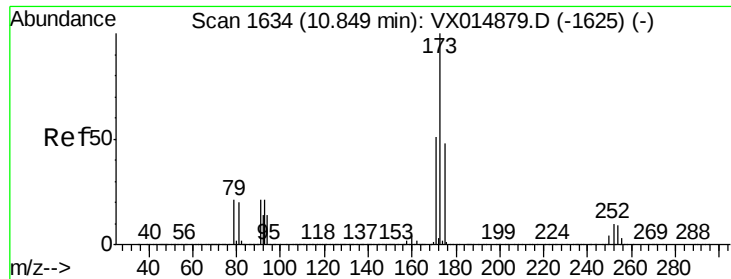
Tgt Ion:106 Resp: 159964
Ion Ratio Lower Upper
106 100
91 212.6 105.1 315.3



#70
Styrene
Concen: 20.82 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion:104 Resp: 275562
Ion Ratio Lower Upper
104 100
78 49.6 39.0 58.4
103 54.4 43.4 65.0

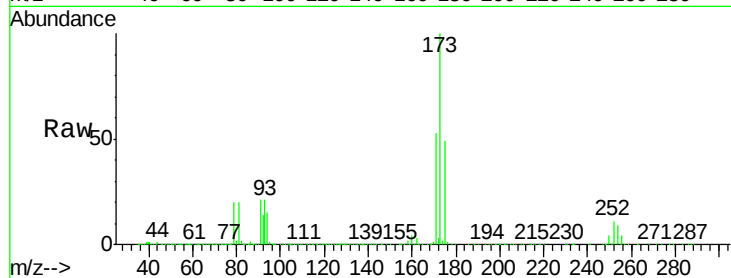




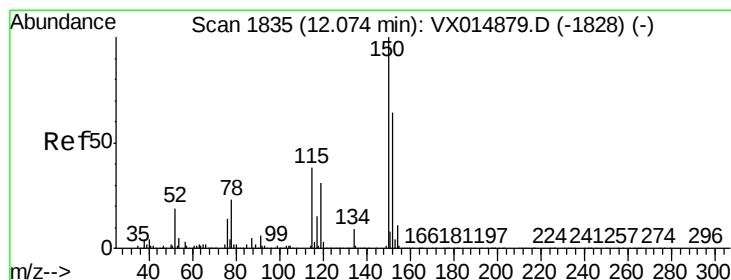
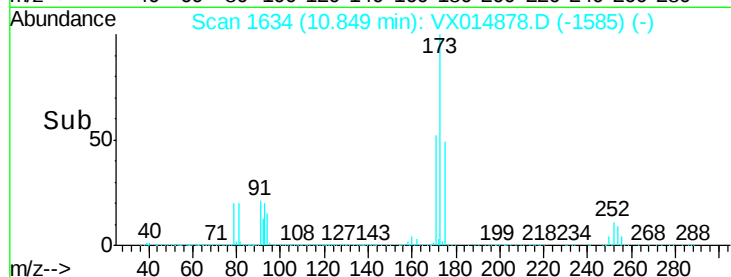
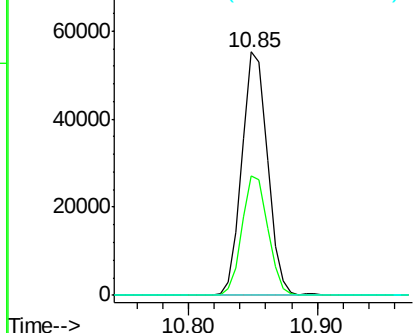
#71
Bromoform
Concen: 20.68 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:173 Resp: 76217
Ion Ratio Lower Upper
173 100
175 49.8 24.2 72.6
254 0.2 0.2 0.2

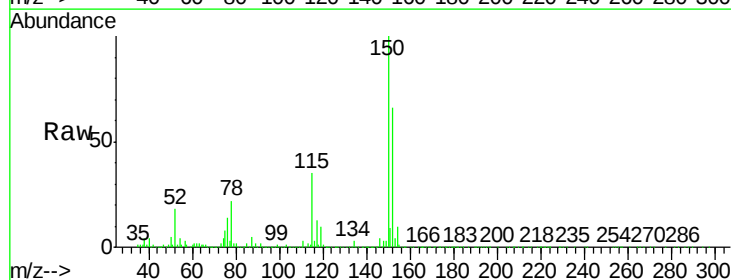


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

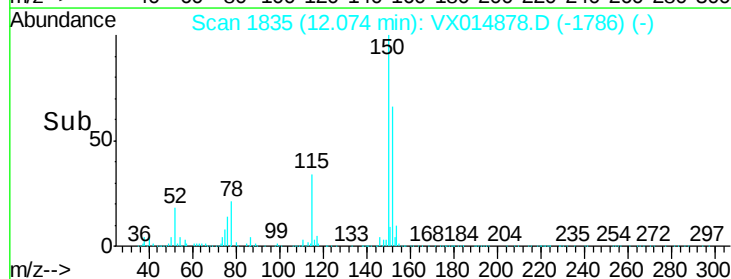
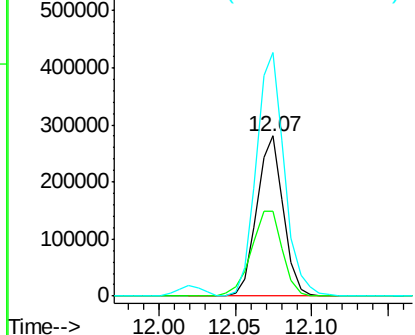


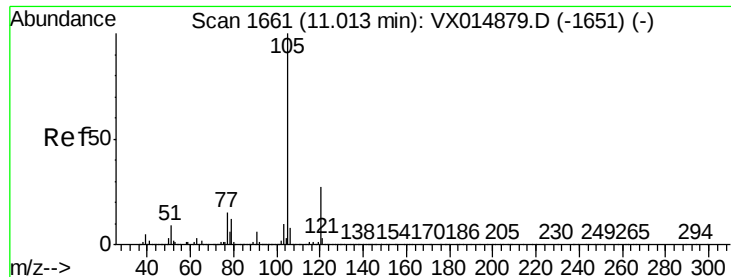
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion:152 Resp: 337257
Ion Ratio Lower Upper
152 100
115 62.6 38.6 116.0
150 162.0 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: 20.77 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

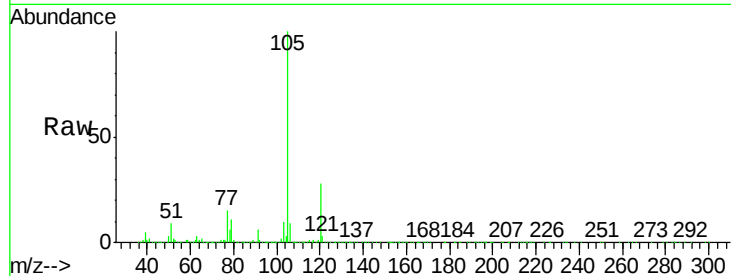
VSTDIC020

Tgt Ion:105 Resp: 437155

Ion Ratio Lower Upper

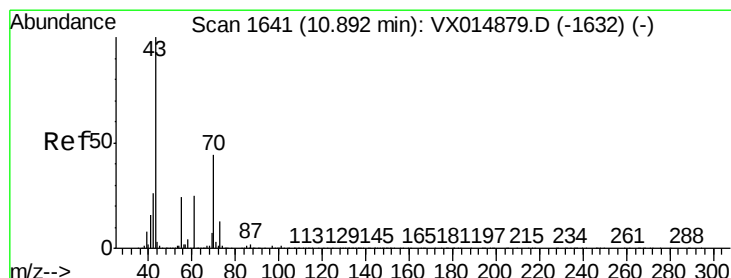
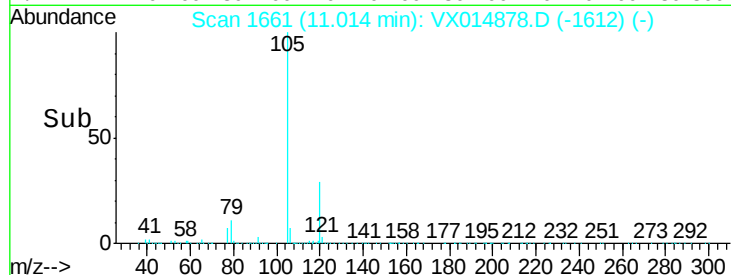
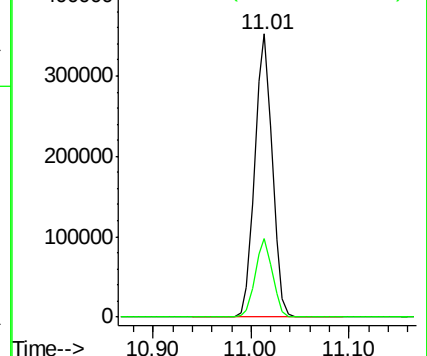
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.58 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Tgt Ion: 43 Resp: 179112

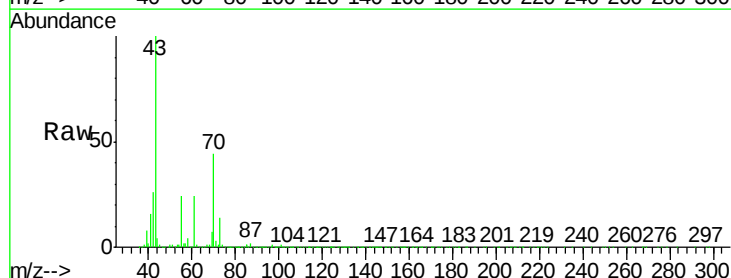
Ion Ratio Lower Upper

43 100

70 42.3 35.0 52.4

55 24.4 19.4 29.2

61 24.6 19.8 29.6

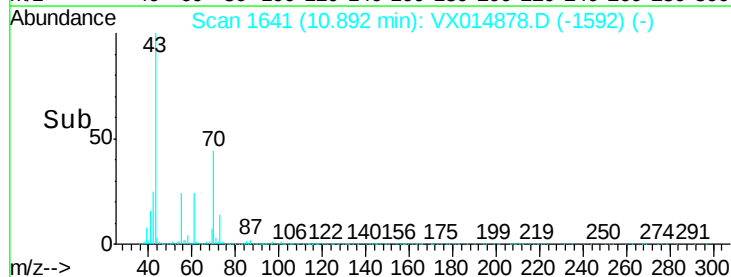
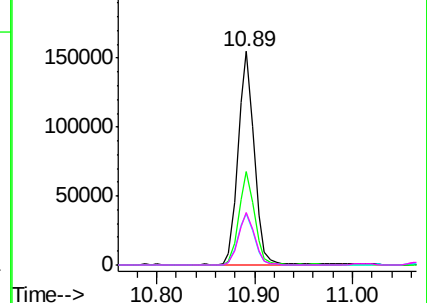


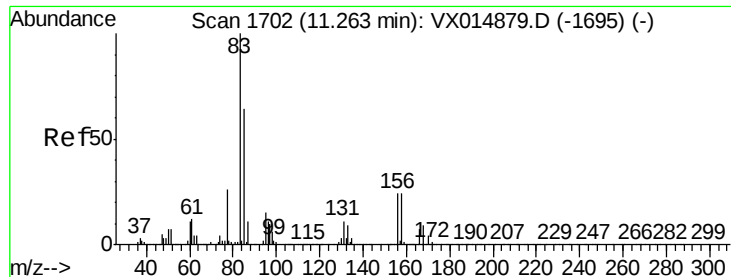
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.58 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

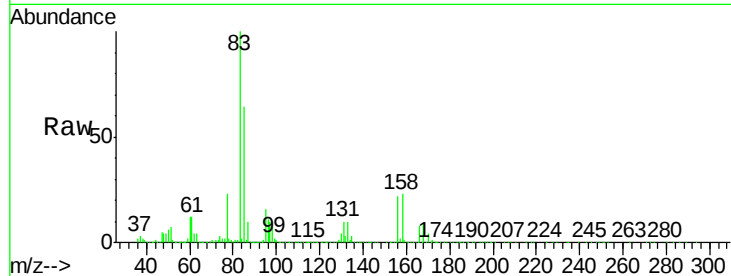
Tgt Ion: 83 Resp: 135711

Ion Ratio Lower Upper

83 100

131 10.8 5.3 16.1

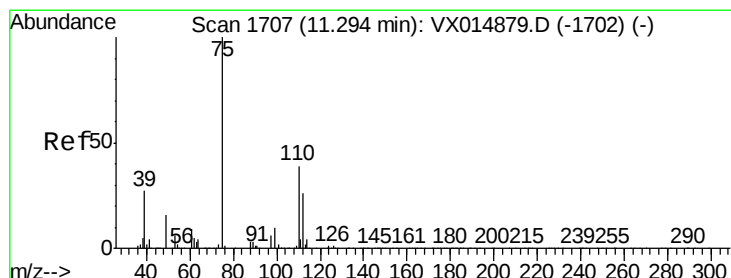
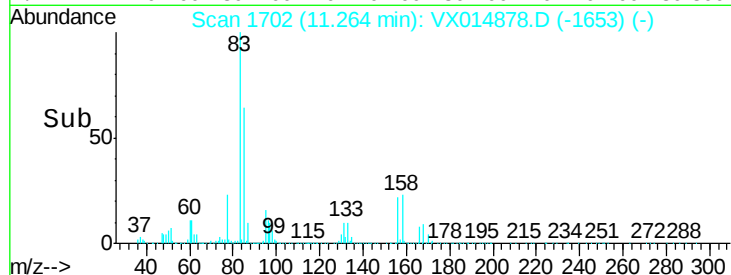
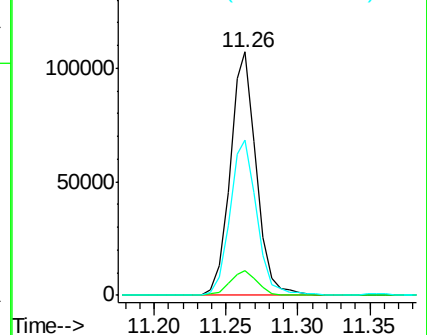
85 66.1 32.6 97.7



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: 21.76 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014878.D

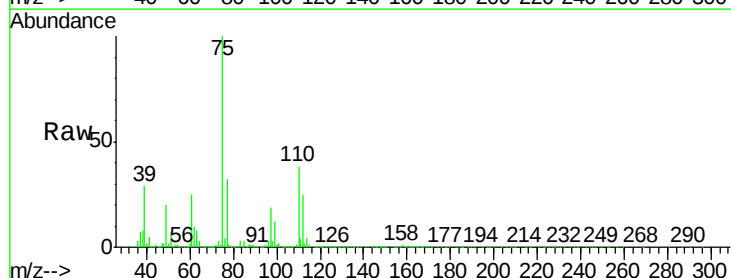
Acq: 10 Feb 2020 10:39

Tgt Ion: 75 Resp: 158614

Ion Ratio Lower Upper

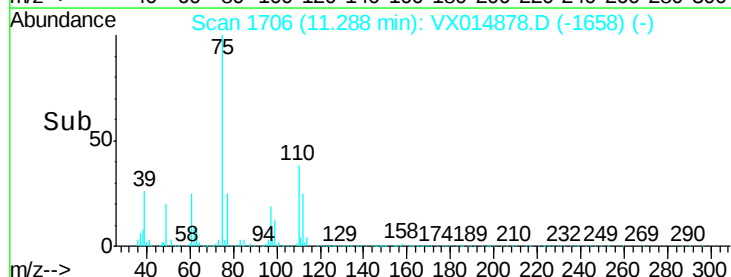
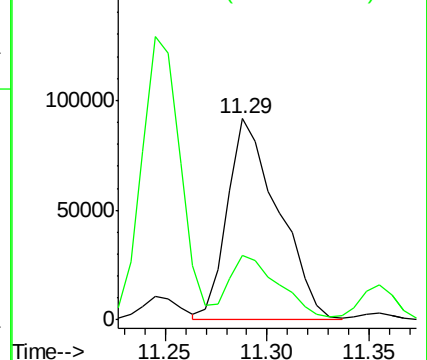
75 100

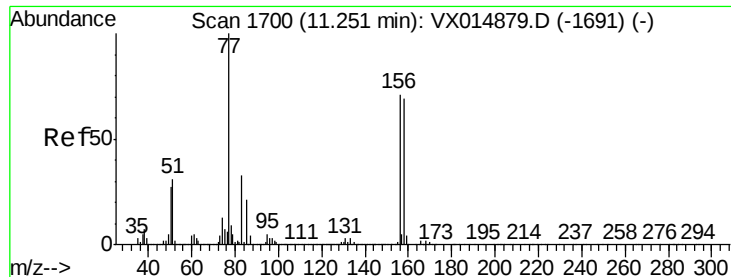
77 31.9 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.66 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

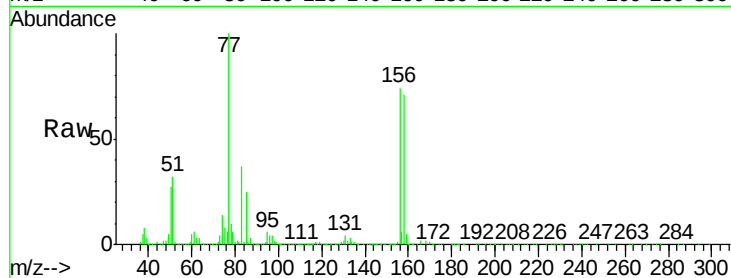
Tgt Ion:156 Resp: 116208

Ion Ratio Lower Upper

156 100

77 145.3 74.0 222.0

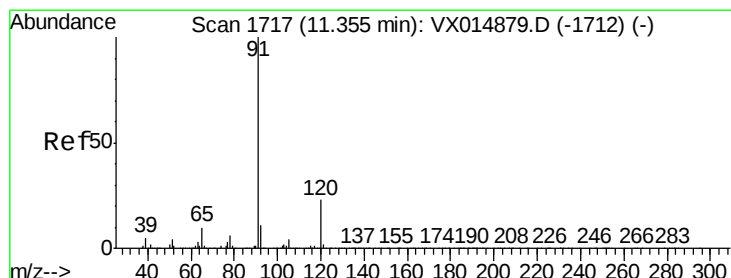
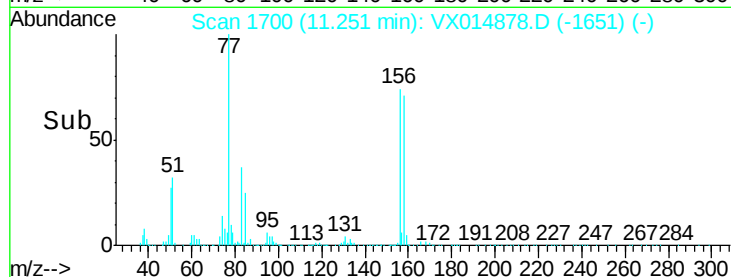
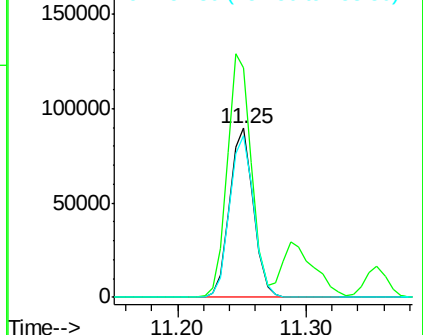
158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.67 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014878.D

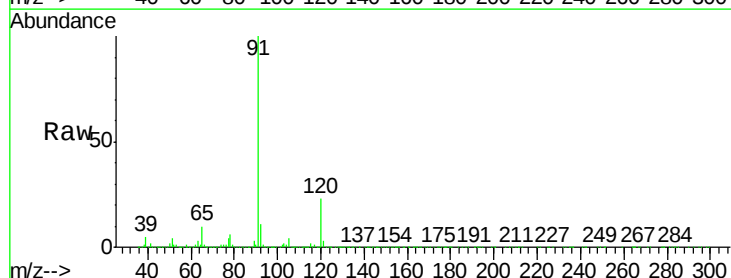
Acq: 10 Feb 2020 10:39

Tgt Ion: 91 Resp: 501118

Ion Ratio Lower Upper

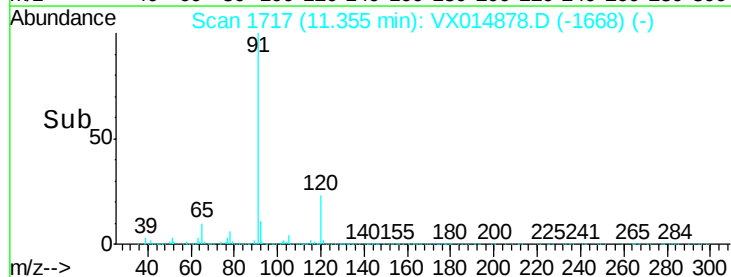
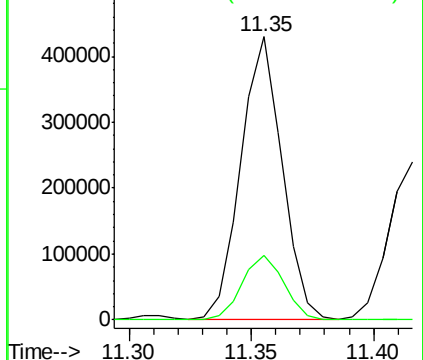
91 100

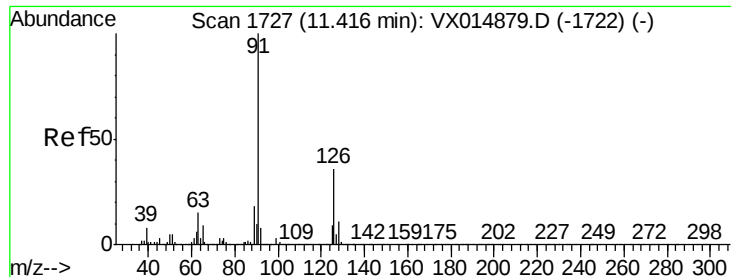
120 23.5 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.52 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

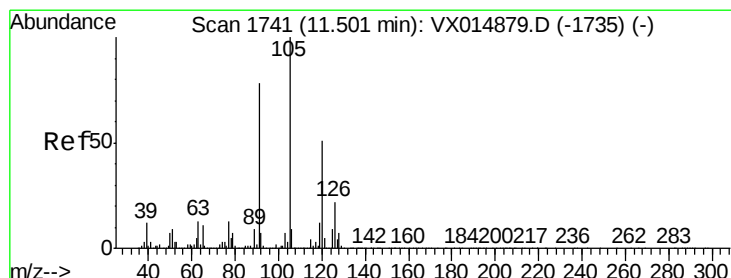
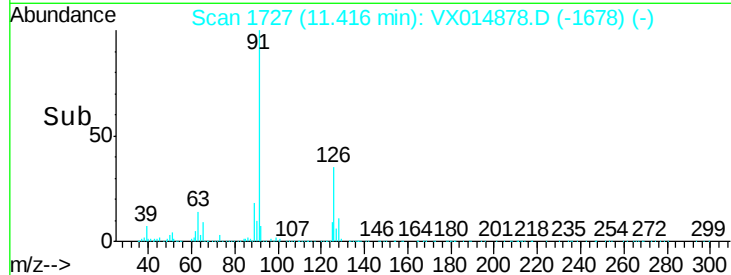
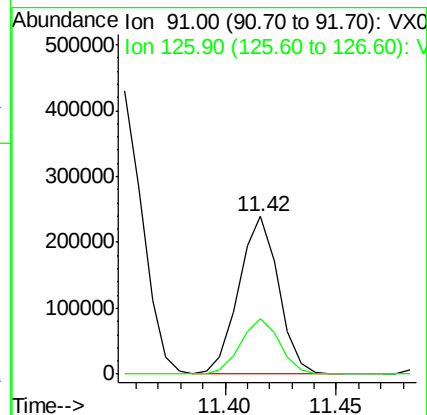
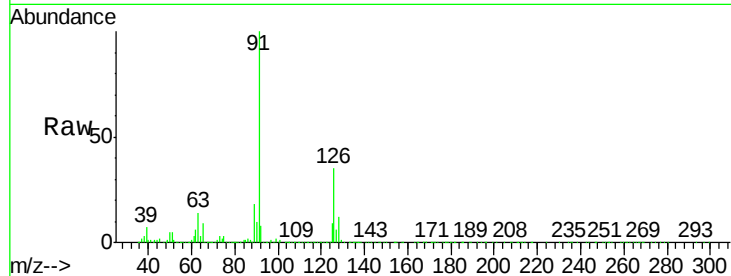
VSTDIC020

Tgt Ion: 91 Resp: 294362

Ion Ratio Lower Upper

91 100

126 35.3 18.0 54.0



#80

1,3,5-Trimethylbenzene

Concen: 21.35 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014878.D

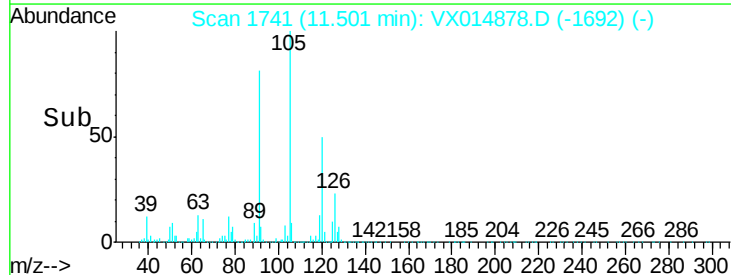
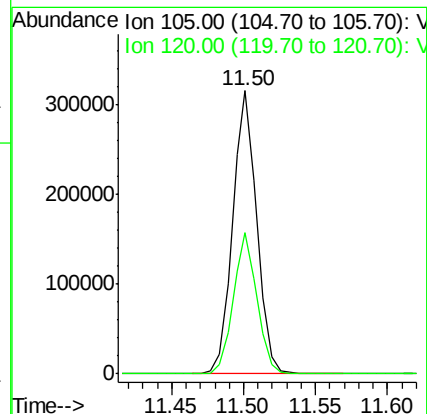
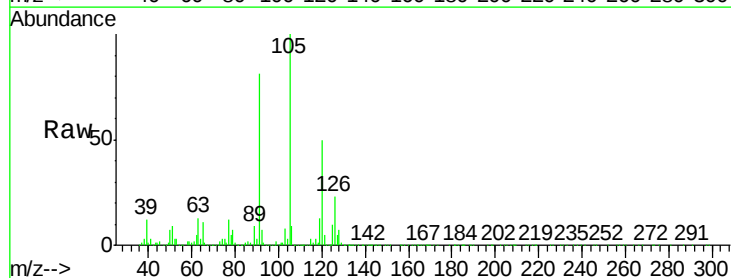
Acq: 10 Feb 2020 10:39

Tgt Ion: 105 Resp: 368499

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 22.33 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

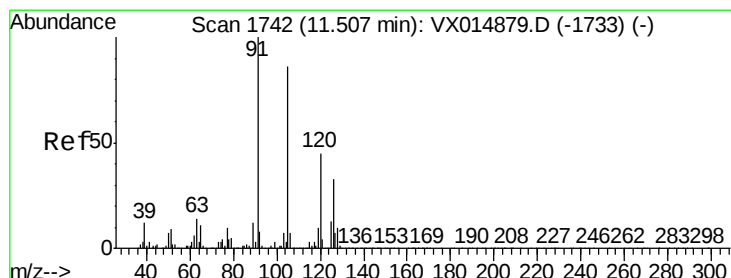
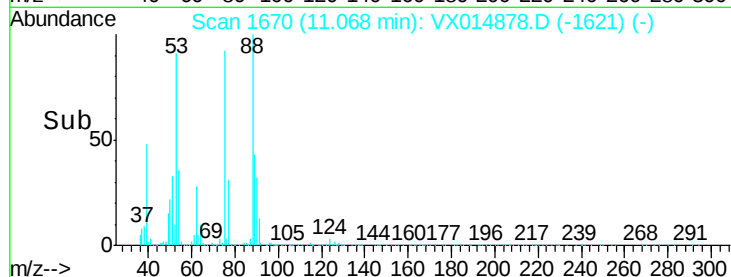
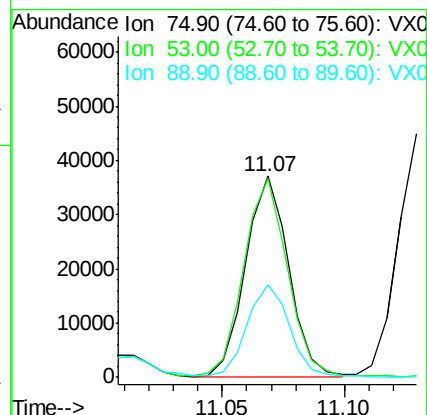
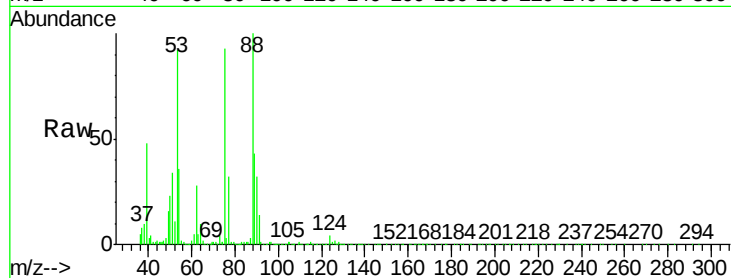
Tgt Ion: 75 Resp: 45487

Ion Ratio Lower Upper

75 100

53 99.7 76.2 114.2

89 46.6 35.8 53.6



#82

4-Chlorotoluene

Concen: 20.25 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014878.D

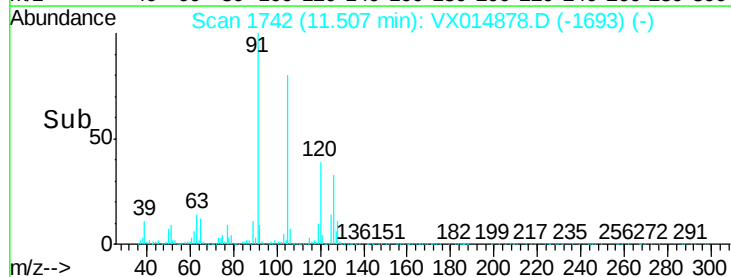
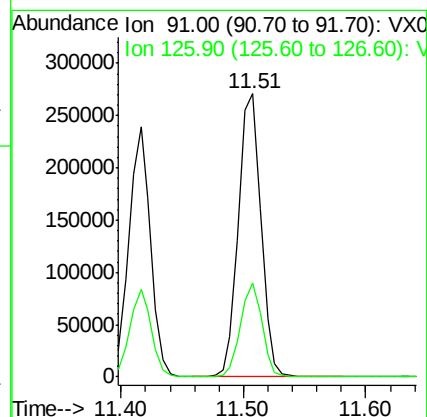
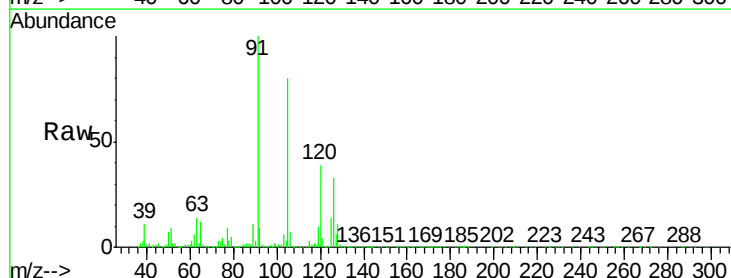
Acq: 10 Feb 2020 10:39

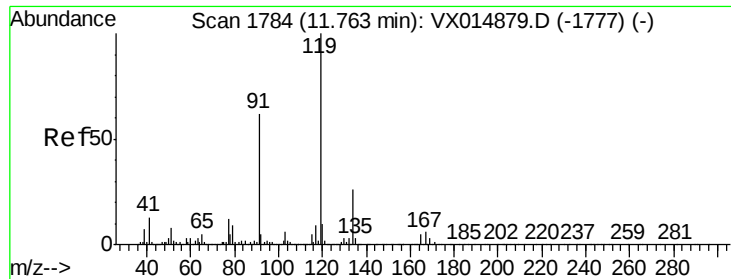
Tgt Ion: 91 Resp: 341890

Ion Ratio Lower Upper

91 100

126 31.7 15.7 47.0

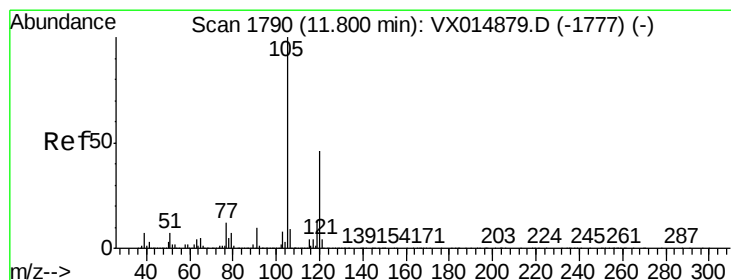
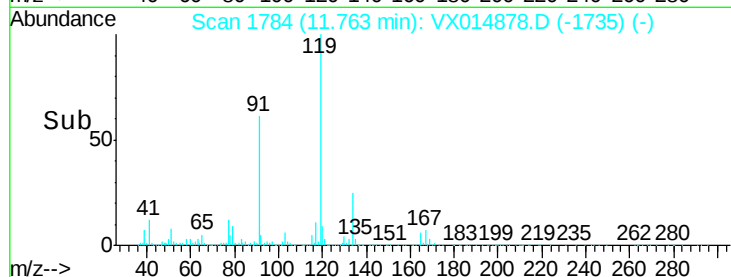
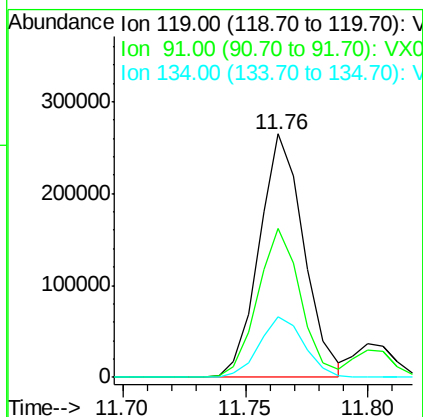
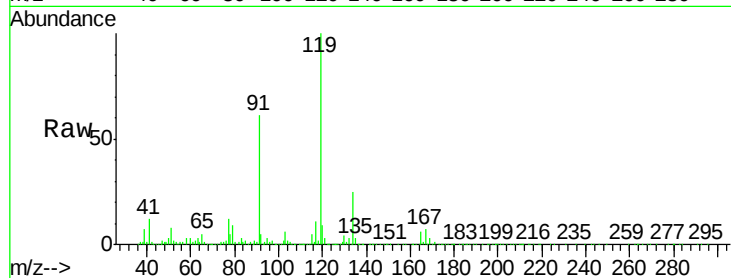




#83
 tert-Butylbenzene
 Concen: 20.44 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

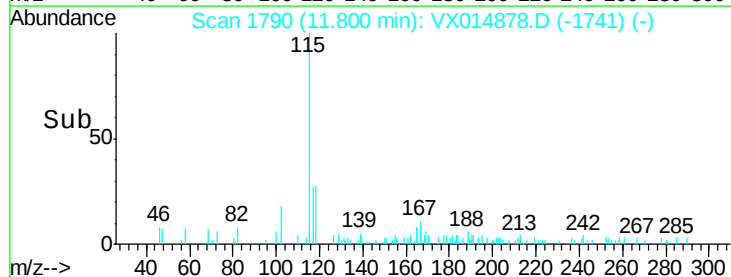
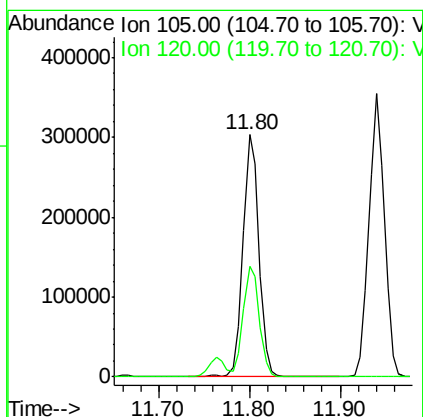
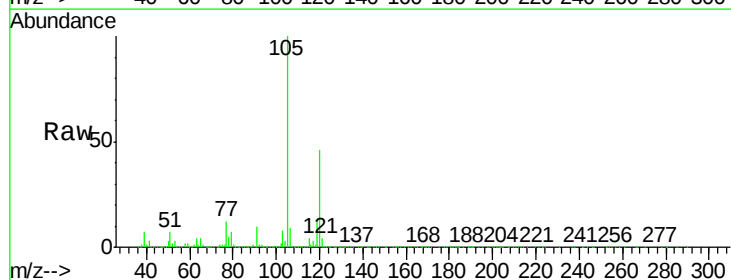
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

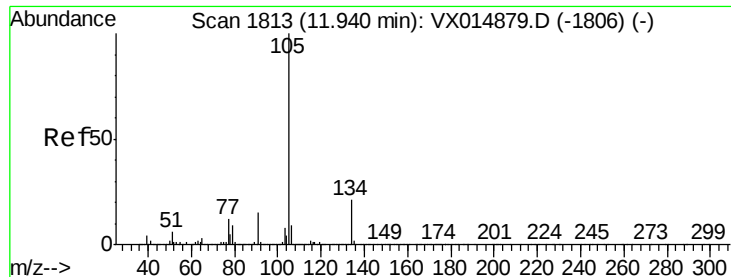
Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.5	88.6
134	24.9	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.99 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.0	69.0

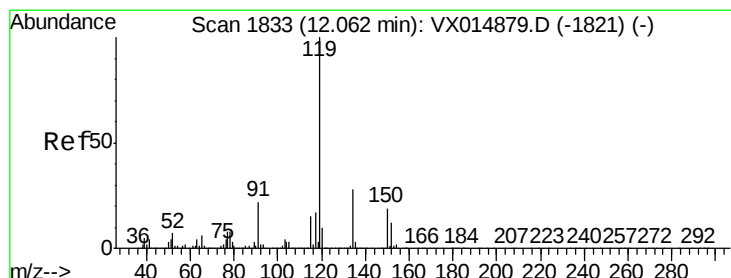
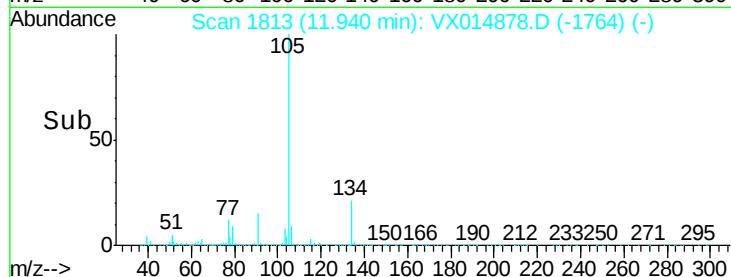
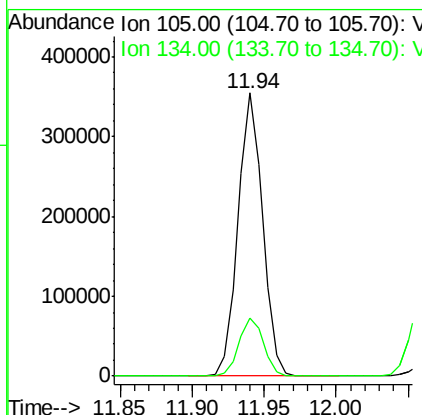
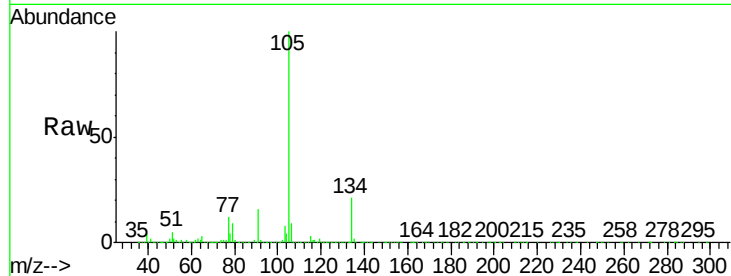




#85
 sec-Butylbenzene
 Concen: 20.52 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

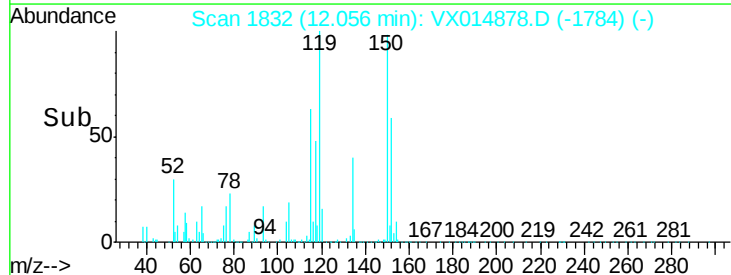
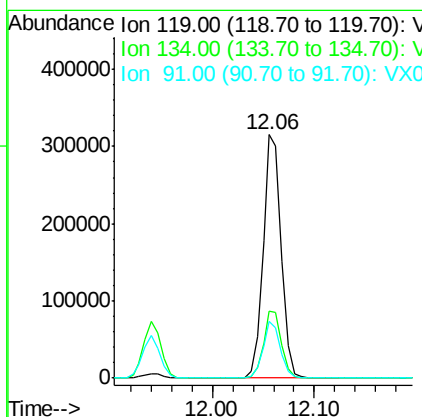
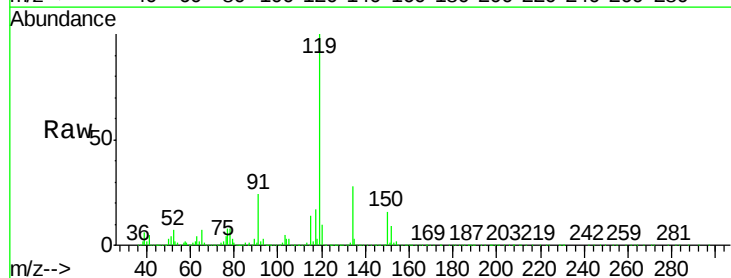
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

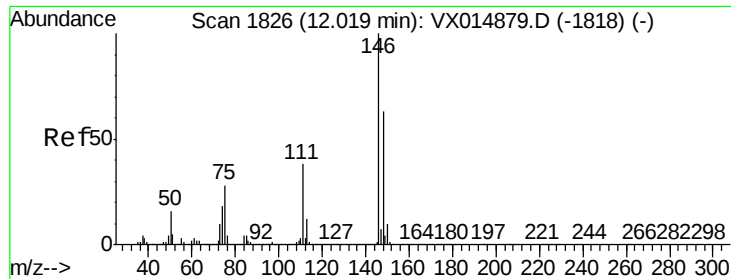
Tgt Ion:105 Resp: 420602
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.6 31.8



#86
 p-Isopropyltoluene
 Concen: 20.37 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion:119 Resp: 389149
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.5 40.5
 91 22.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.94 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

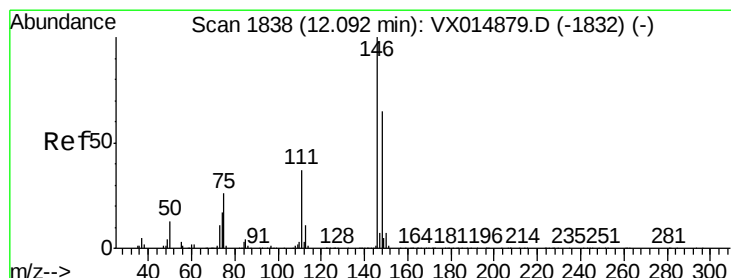
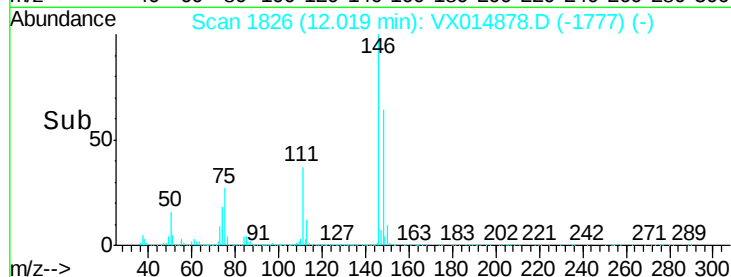
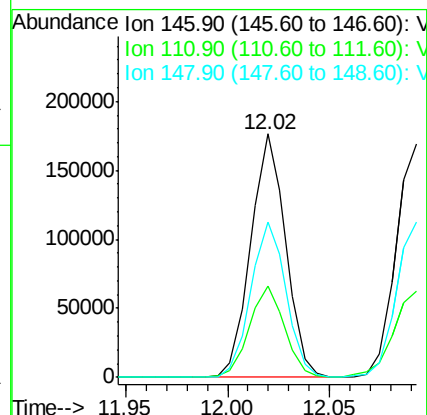
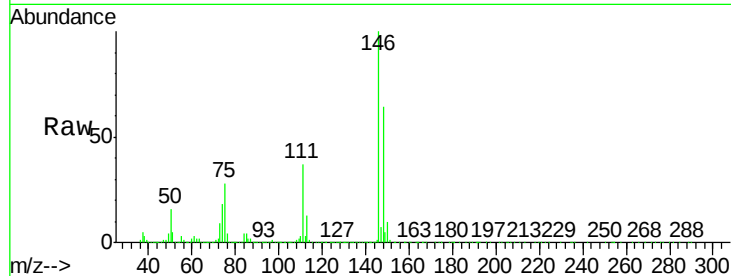
Tgt Ion:146 Resp: 210550

Ion Ratio Lower Upper

146 100

111 37.6 18.6 56.0

148 64.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.91 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

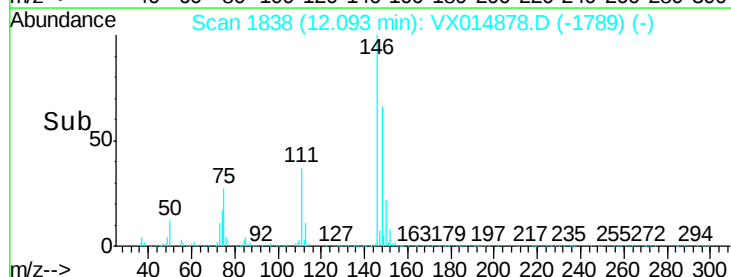
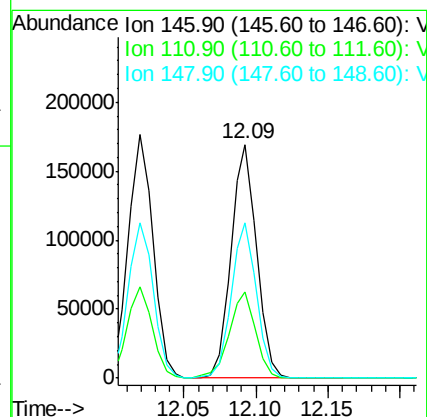
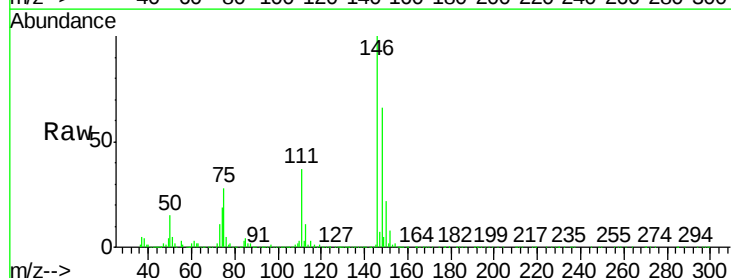
Tgt Ion:146 Resp: 210782

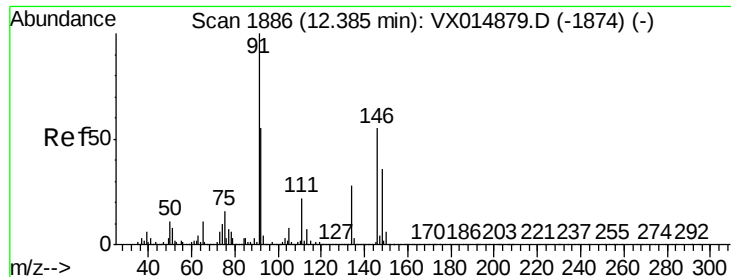
Ion Ratio Lower Upper

146 100

111 38.0 18.6 55.6

148 65.6 32.4 97.0





#89

n-Butylbenzene

Concen: 20.67 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

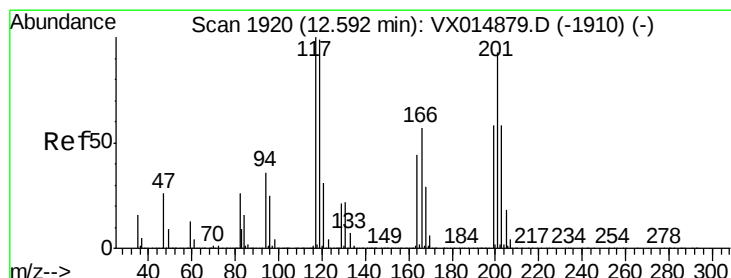
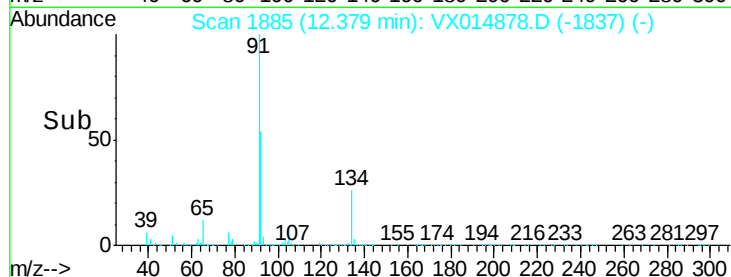
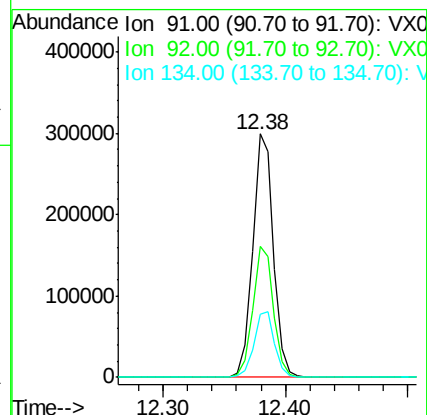
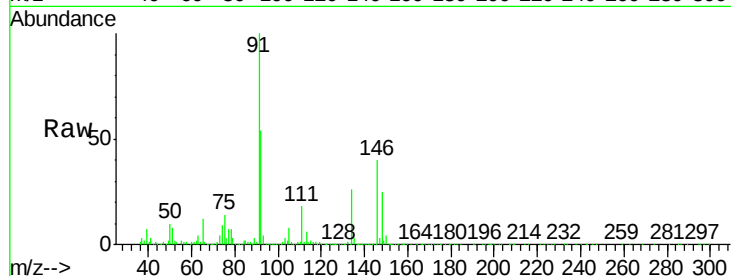
Tgt Ion: 91 Resp: 349577

Ion Ratio Lower Upper

91 100

92 53.7 27.3 81.8

134 27.0 13.8 41.4



#90

Hexachloroethane

Concen: 20.12 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014878.D

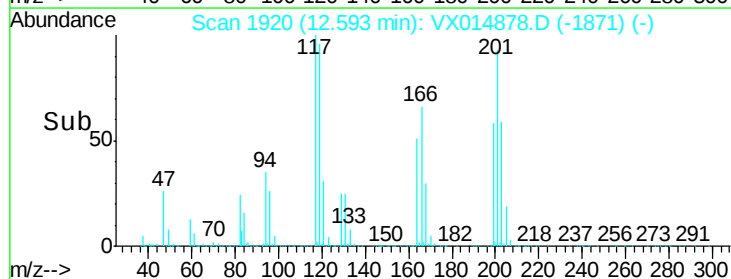
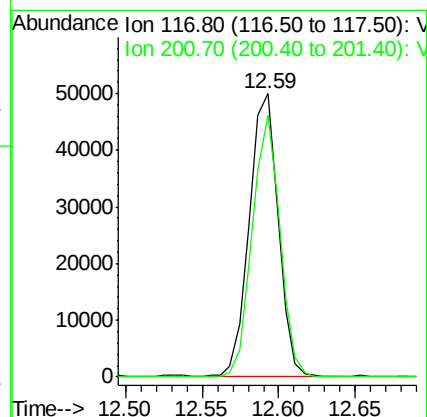
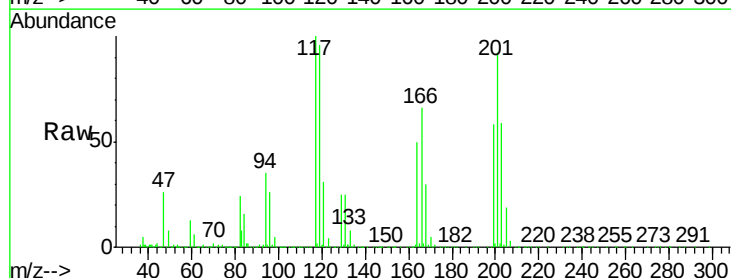
Acq: 10 Feb 2020 10:39

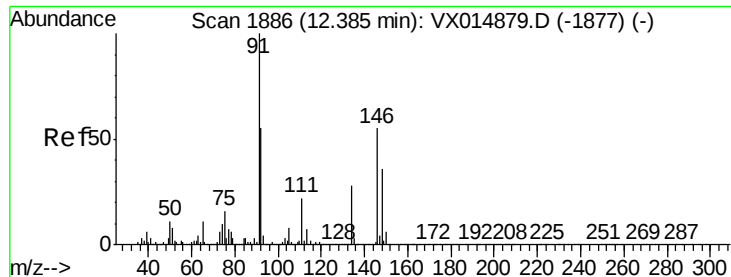
Tgt Ion: 117 Resp: 65489

Ion Ratio Lower Upper

117 100

201 88.7 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 19.86 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

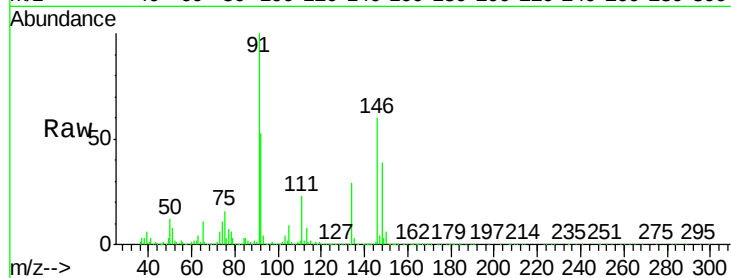
Tgt Ion: 146 Resp: 204948

Ion Ratio Lower Upper

146 100

111 39.0 19.8 59.3

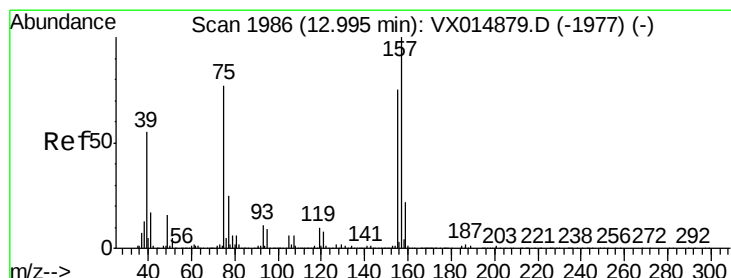
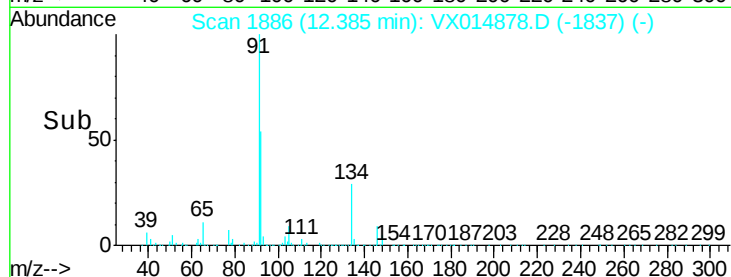
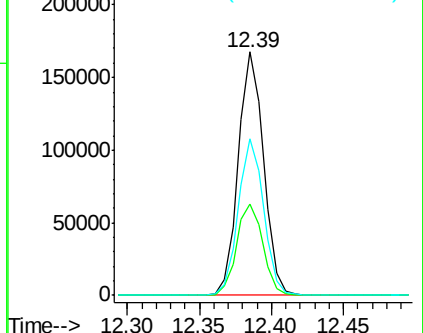
148 64.6 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.00 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014878.D

Acq: 10 Feb 2020 10:39

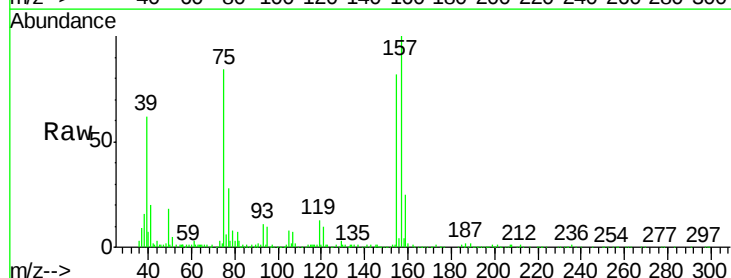
Tgt Ion: 75 Resp: 29530

Ion Ratio Lower Upper

75 100

155 96.7 48.6 145.9

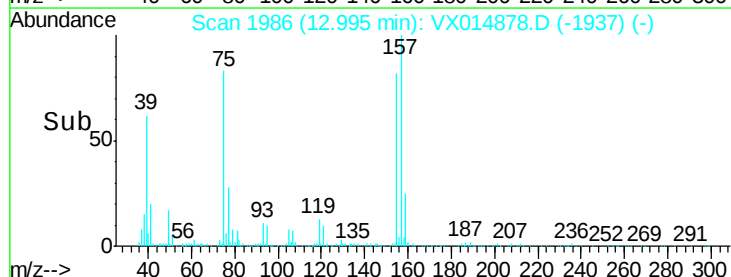
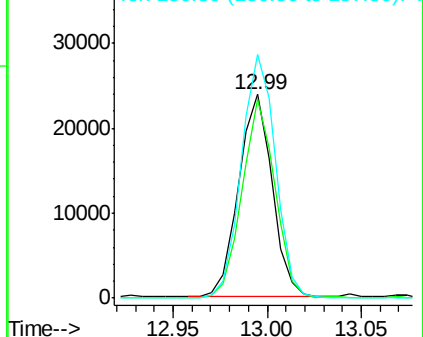
157 122.2 62.0 186.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

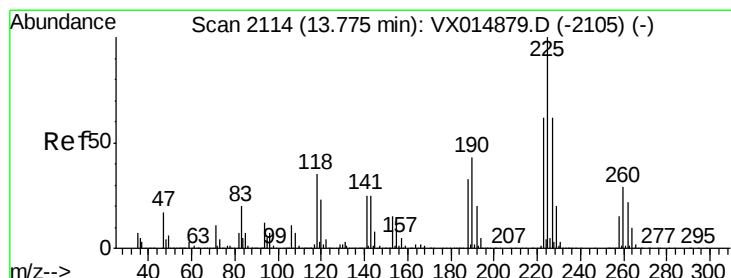
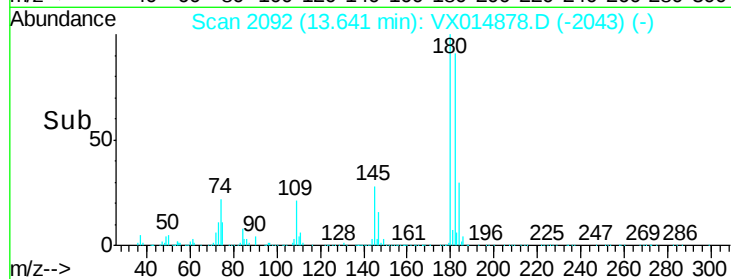
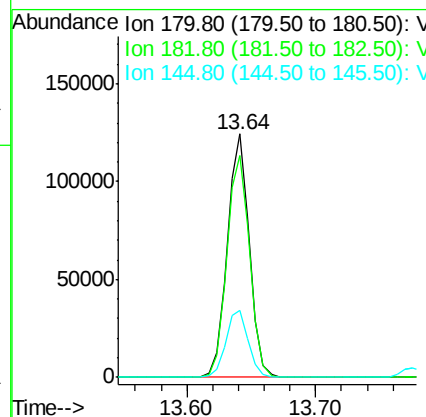
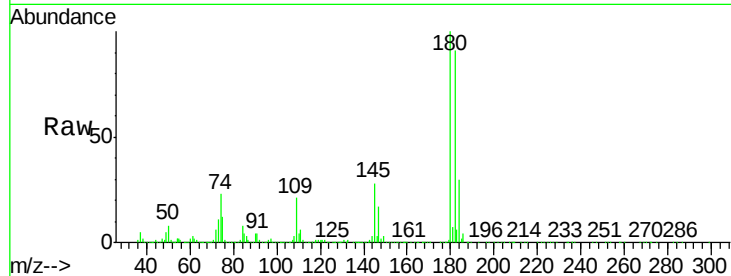




#93
 1,2,4-Trichlorobenzene
 Concen: 19.98 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

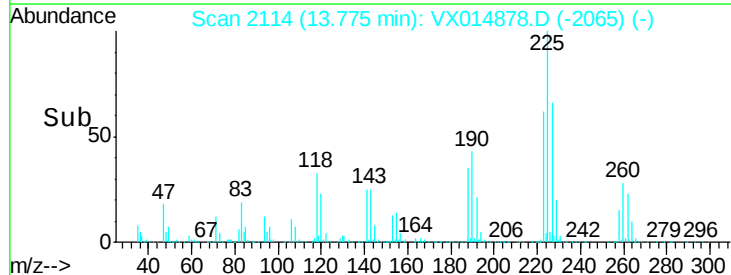
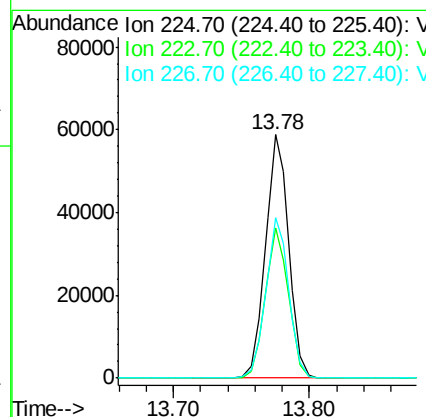
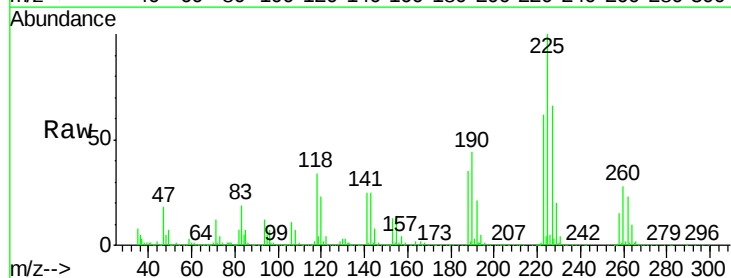
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

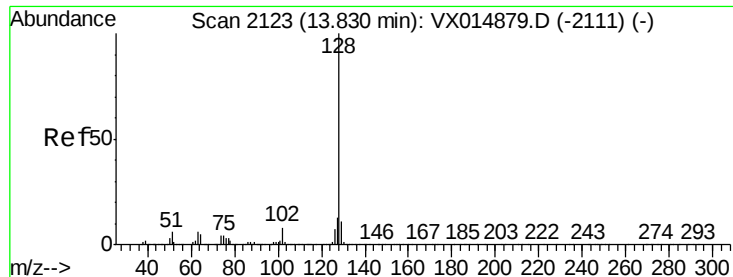
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.4	145.3
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 19.16 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014878.D
 Acq: 10 Feb 2020 10:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	31.1	93.2
227	65.2	30.9	92.5

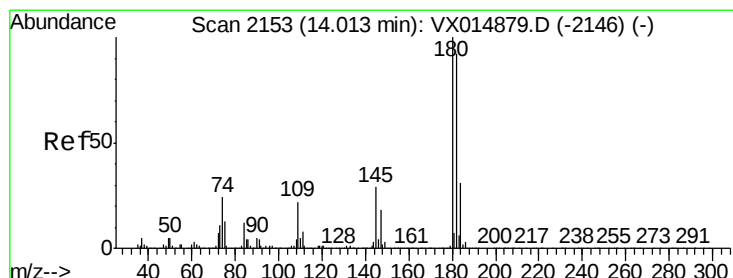
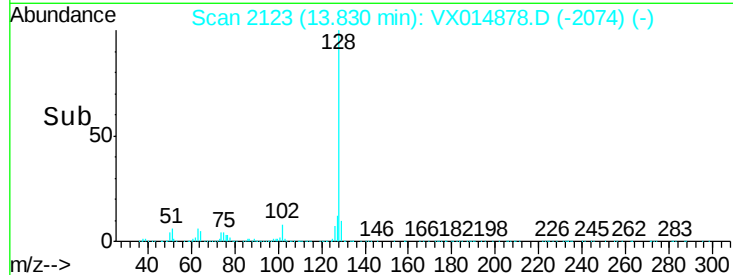
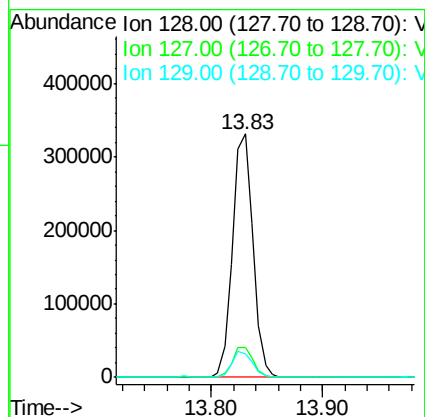
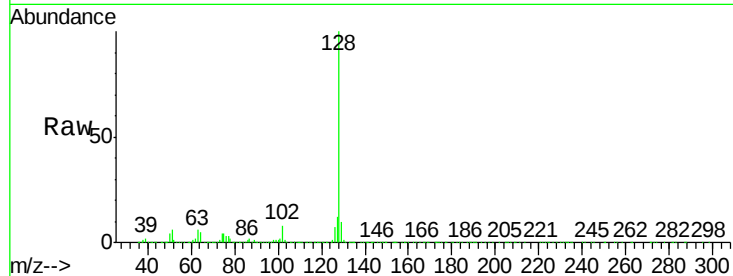




#95
Naphthalene
Concen: 21.79 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 422490
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.23 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014878.D
Acq: 10 Feb 2020 10:39

Tgt Ion:180 Resp: 146910
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 29.5 14.5 43.5

