

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034226.D
 Acq On : 22 Feb 2023 14:13
 Operator : JC/MD
 Sample : PB150999TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB150999TB

Quant Time: Feb 23 01:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	332402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	553867	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	504140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	230334	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	197978	44.224	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.440%
35) Dibromofluoromethane	5.385	113	172073	47.716	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.440%
50) Toluene-d8	8.647	98	670001	51.747	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.500%
62) 4-Bromofluorobenzene	11.079	95	237291	47.913	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.820%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.160	85	88	0.031	ug/l #	43
3) Chloromethane	1.294	50	311	0.075	ug/l #	73
4) Vinyl Chloride	1.380	62	150	0.040	ug/l #	42
6) Chloroethane	1.691	64	198	0.105	ug/l #	42
7) Trichlorofluoromethane	1.892	101	215	0.042	ug/l	84
8) Diethyl Ether	2.136	74	51	0.025	ug/l #	1
9) 1,1,2-Trichlorotrifluo...	2.343	101	42	0.012	ug/l #	69
10) Methyl Iodide	2.453	142	309	0.071	ug/l #	74
12) 1,1-Dichloroethene	2.319	96	169	0.047	ug/l #	41
14) Allyl chloride	2.648	41	389	0.051	ug/l #	39
15) Acrylonitrile	3.032	53	44	0.020	ug/l #	18
16) Acetone	2.373	43	36542	15.824	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	51	0.004	ug/l #	54
20) Methylene Chloride	2.788	84	22235	5.344	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	281	0.075	ug/l #	62
22) Diisopropyl ether	3.641	45	19	0.001	ug/l #	58
23) Vinyl Acetate	3.739	43	632	0.059	ug/l #	72
26) 2,2-Dichloropropane	4.501	77	22	0.003	ug/l #	52
27) cis-1,2-Dichloroethene	4.477	96	25	0.006	ug/l #	1
30) Chloroform	5.080	83	100	0.014	ug/l #	18
32) 1,1,1-Trichloroethane	5.367	97	22	0.003	ug/l #	23
37) Ethyl Acetate	4.708	43	58440	9.805	ug/l	100
39) Methylcyclohexane	7.379	83	245	0.036	ug/l #	60
40) Benzene	6.025	78	387	0.024	ug/l #	52
41) Methacrylonitrile	4.928	41	175	0.053	ug/l #	26
42) 1,2-Dichloroethane	6.086	62	617	0.111	ug/l #	73
43) Isopropyl Acetate	6.336	43	268541	25.531	ug/l	99
44) Trichloroethene	7.135	130	200	0.049	ug/l	78
45) 1,2-Dichloropropane	7.629	63	161	0.038	ug/l #	34
46) Dibromomethane	7.592	93	68	0.025	ug/l #	44
47) Bromodichloromethane	7.824	83	26	0.005	ug/l #	26
52) Toluene	8.714	92	652	0.068	ug/l	93
53) t-1,3-Dichloropropene	8.988	75	252	0.039	ug/l #	43
56) Ethyl methacrylate	9.128	69	98	0.015	ug/l #	23
58) 2-Chloroethyl Vinyl ether	8.263	63	82	0.029	ug/l #	44
60) Dibromochloromethane	9.275	129	247	0.058	ug/l #	11

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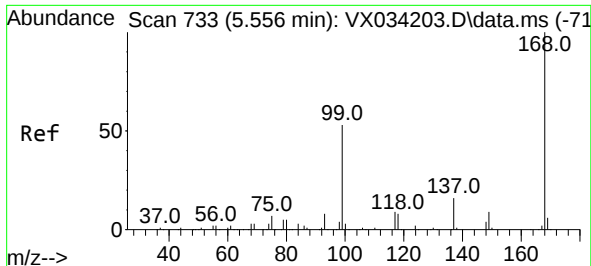
Instrument :
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 ClientSampleId :
 PB150999TB

Quant Time: Feb 23 01:29:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
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 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

61) 1,2-Dibromoethane	9.610	107	116	0.028	ug/l	94
64) Tetrachloroethene	9.275	164	153	0.043	ug/l #	82
65) Chlorobenzene	10.073	112	491	0.047	ug/l #	19
66) 1,1,1,2-Tetrachloroethane	9.903	131	55	0.014	ug/l #	8
67) Ethyl Benzene	10.201	91	662	0.035	ug/l	91
68) m/p-Xylenes	10.305	106	717	0.099	ug/l	96
69) o-Xylene	10.646	106	312	0.043	ug/l	34
70) Styrene	10.658	104	681	0.058	ug/l #	81
73) Isopropylbenzene	10.969	105	616	0.035	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	11.219	83	102	0.017	ug/l #	26
77) Bromobenzene	11.195	156	306	0.072	ug/l	86
78) n-propylbenzene	11.305	91	1596	0.078	ug/l	91
79) 2-Chlorotoluene	11.366	91	759	0.061	ug/l	80
80) 1,3,5-Trimethylbenzene	11.451	105	1134	0.077	ug/l	98
82) 4-Chlorotoluene	11.457	91	1154	0.081	ug/l	98
83) tert-Butylbenzene	11.713	119	605	0.040	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.756	105	913	0.061	ug/l	89
85) sec-Butylbenzene	11.890	105	1309	0.071	ug/l	87
86) p-Isopropyltoluene	12.012	119	1047	0.069	ug/l #	11
87) 1,3-Dichlorobenzene	11.975	146	892	0.113	ug/l	93
88) 1,4-Dichlorobenzene	11.975	146	892	0.112	ug/l	94
89) n-Butylbenzene	12.335	91	1615	0.119	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	526	0.068	ug/l	84
96) 1,2,3-Trichlorobenzene	13.957	180	976	0.198	ug/l	96

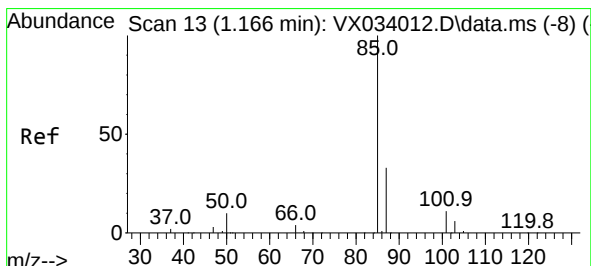
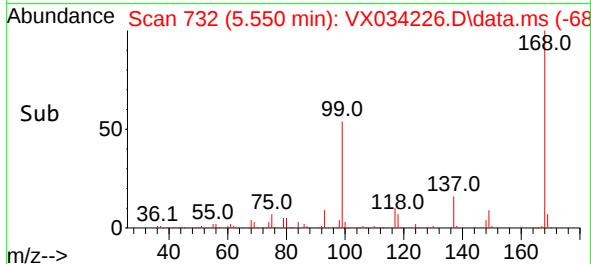
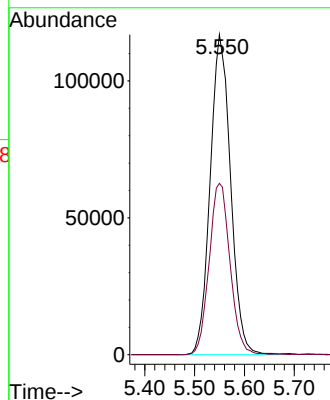
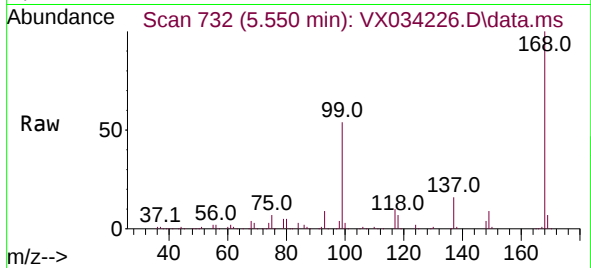
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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Acq: 22 Feb 2023 14:13

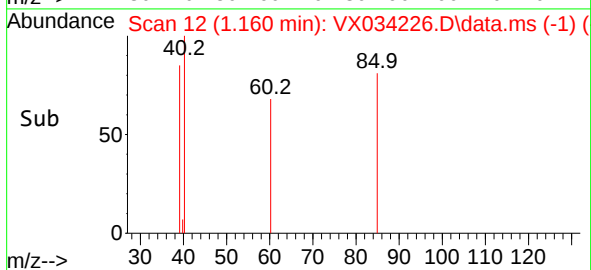
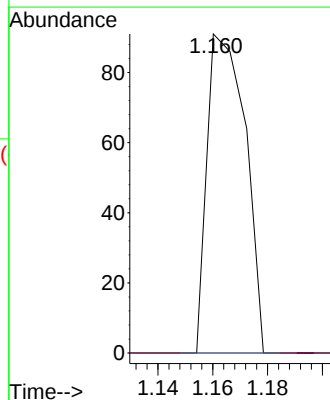
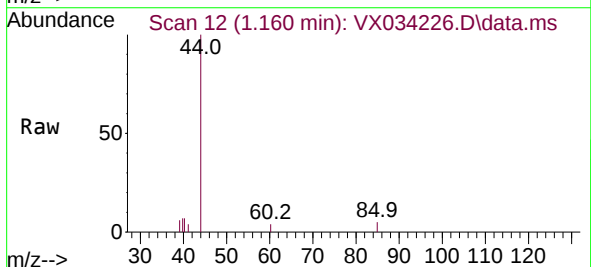
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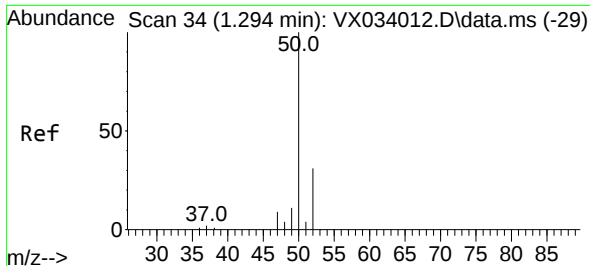
Tgt Ion:168 Resp: 332402
Ion Ratio Lower Upper
168 100
99 53.6 39.6 59.4



#2
Dichlorodifluoromethane
Concen: 0.031 ug/l
RT: 1.160 min Scan# 12
Delta R.T. -0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 85 Resp: 88
Ion Ratio Lower Upper
85 100
87 0.0 15.8 47.4#

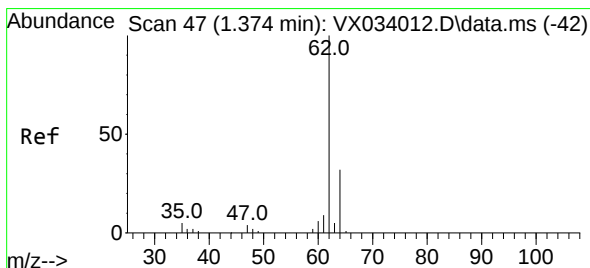
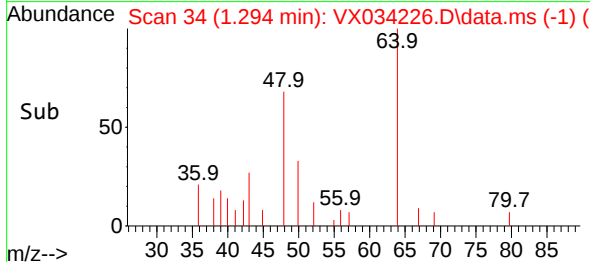
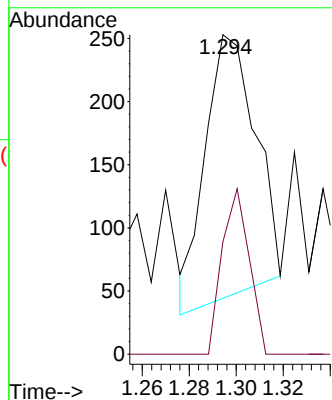
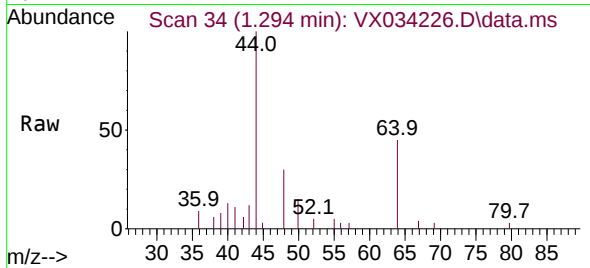




#3
Chloromethane
Concen: 0.075 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

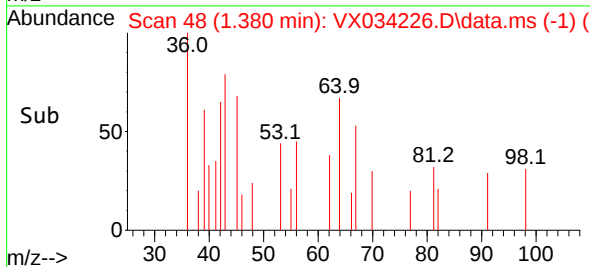
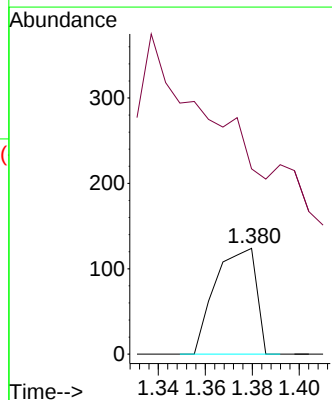
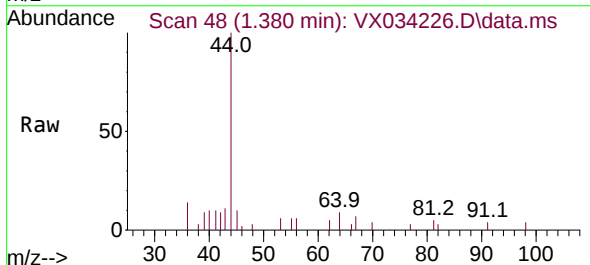
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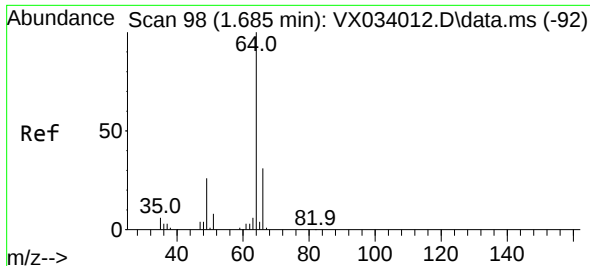
Tgt Ion: 50 Resp: 311
Ion Ratio Lower Upper
50 100
52 46.6 25.2 37.8#



#4
Vinyl Chloride
Concen: 0.040 ug/l
RT: 1.380 min Scan# 48
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 62 Resp: 150
Ion Ratio Lower Upper
62 100
64 0.0 26.2 39.4#

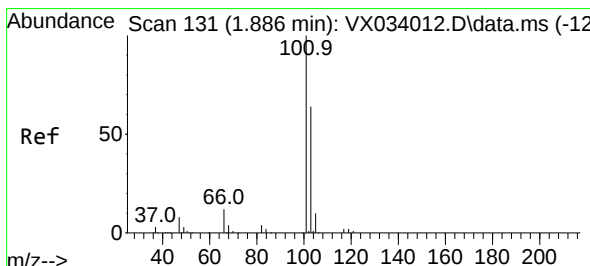
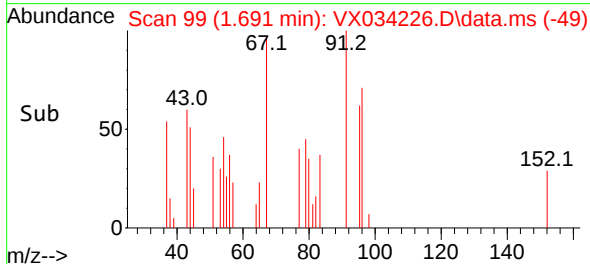
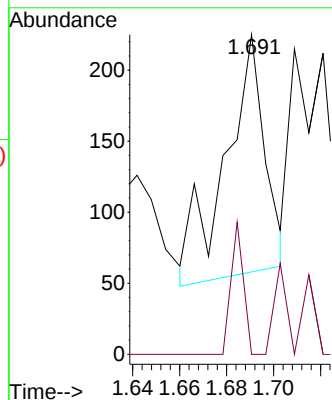
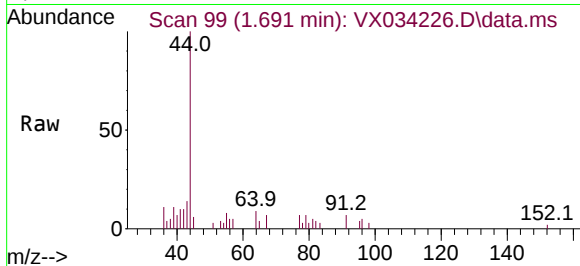




#6
Chloroethane
Concen: 0.105 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

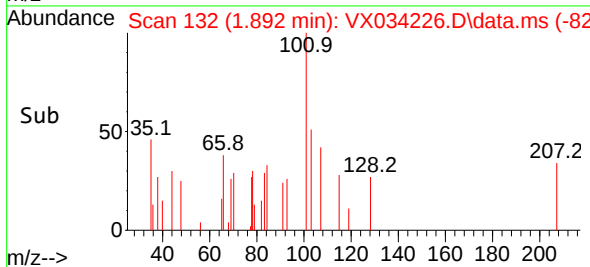
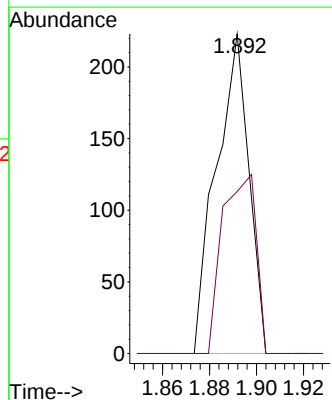
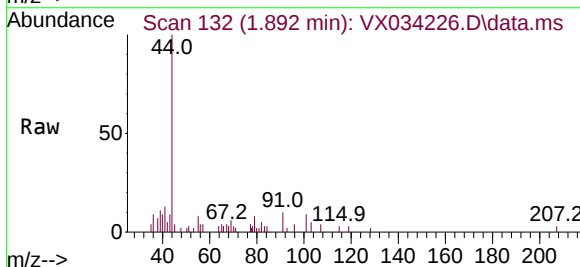
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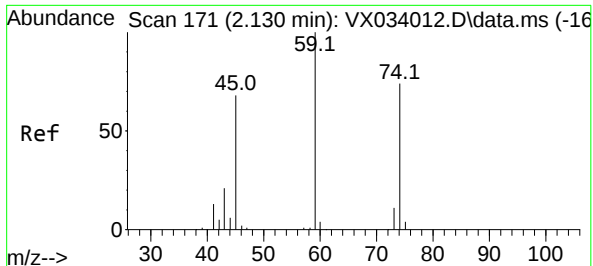
Tgt Ion: 64 Resp: 198
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#7
Trichlorofluoromethane
Concen: 0.042 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 101 Resp: 215
Ion Ratio Lower Upper
101 100
103 50.7 50.6 75.8

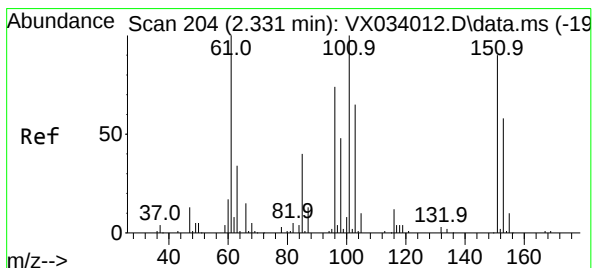
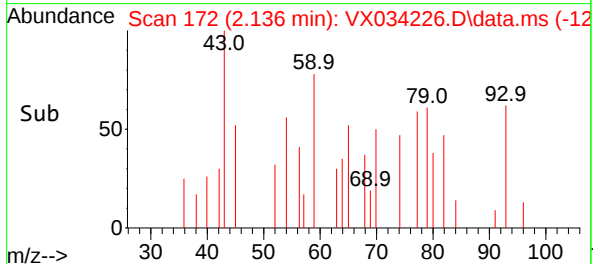
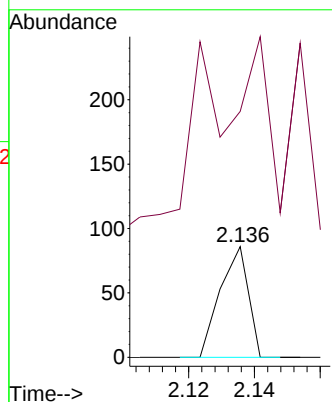
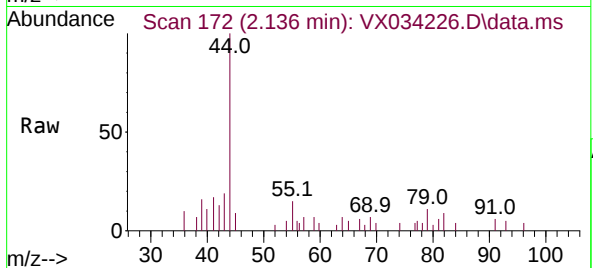




#8
Diethyl Ether
Concen: 0.025 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

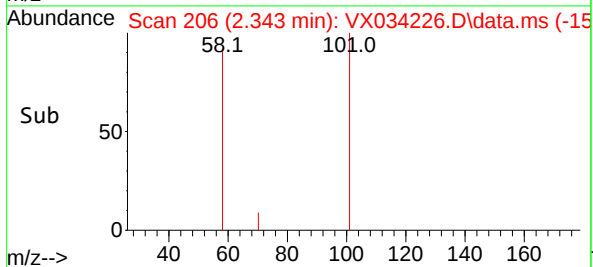
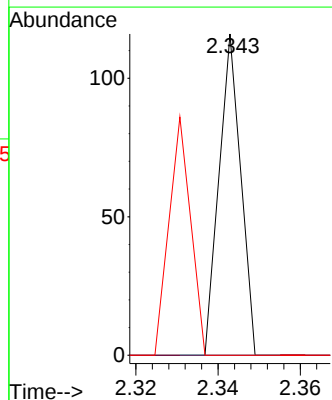
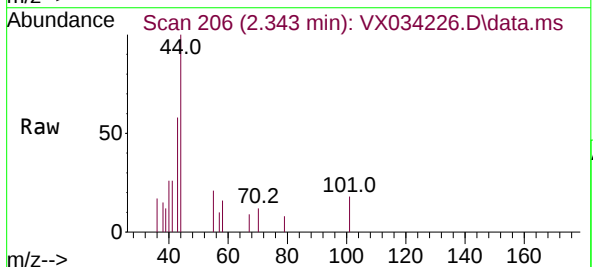
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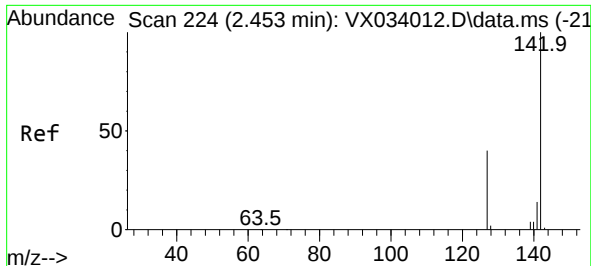
Tgt Ion: 74 Resp: 51
Ion Ratio Lower Upper
74 100
45 205.9 51.5 154.5#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.012 ug/l
RT: 2.343 min Scan# 206
Delta R.T. 0.012 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 101 Resp: 42
Ion Ratio Lower Upper
101 100
85 0.0 36.7 55.1#
151 73.8 66.5 99.7

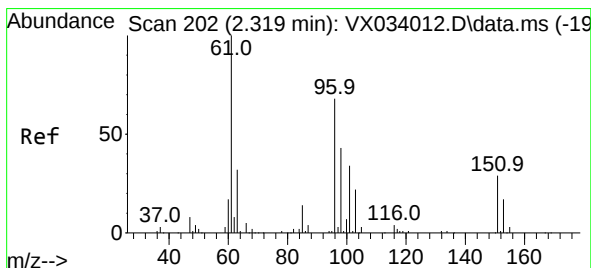
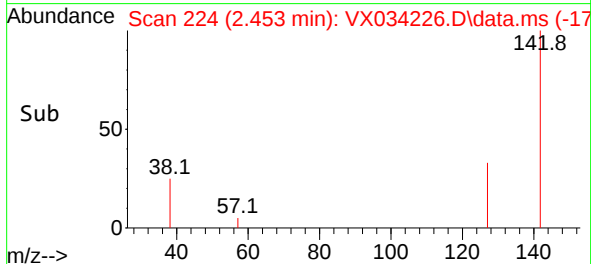
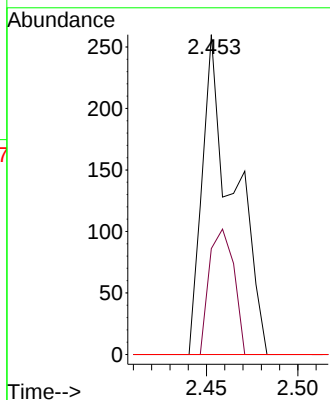
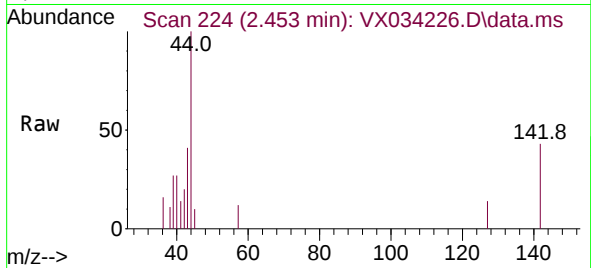




#10
Methyl Iodide
Concen: 0.071 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034226.D
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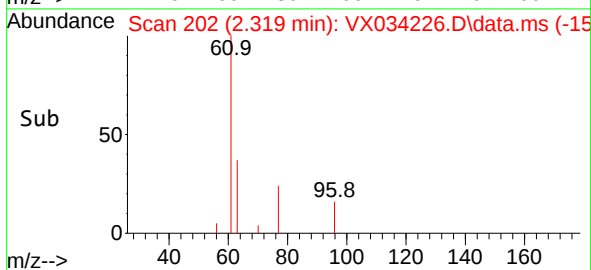
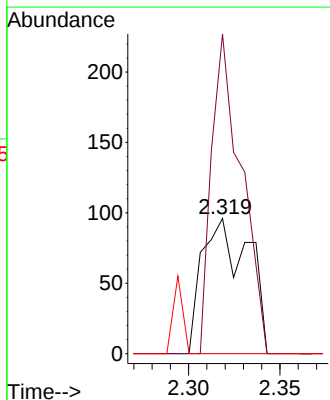
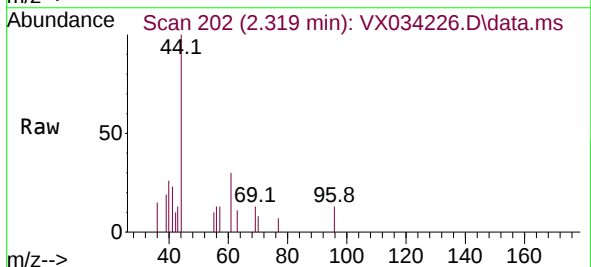
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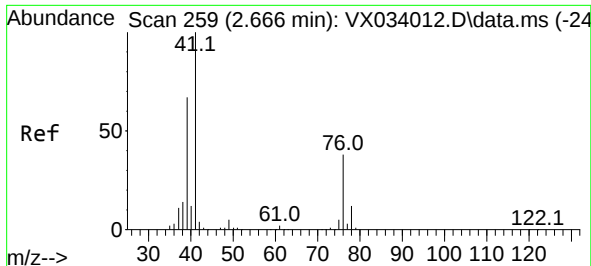
Tgt Ion:142 Resp: 309
Ion Ratio Lower Upper
142 100
127 31.1 37.3 55.9#
141 0.0 11.5 17.3#



#12
1,1-Dichloroethene
Concen: 0.047 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 96 Resp: 169
Ion Ratio Lower Upper
96 100
61 236.5 134.2 201.4#
98 0.0 50.2 75.2#

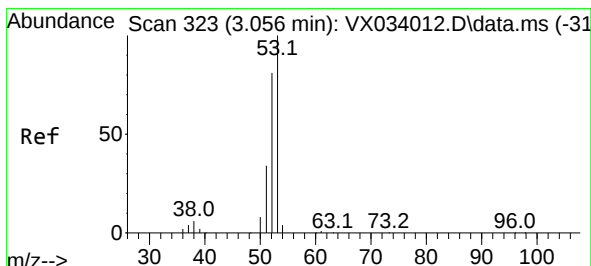
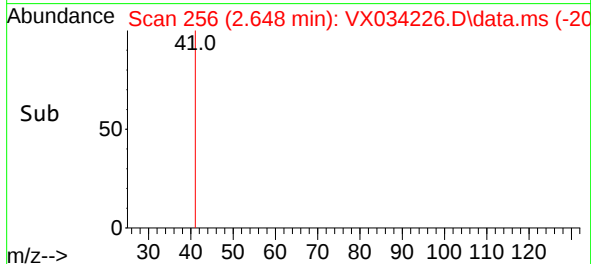
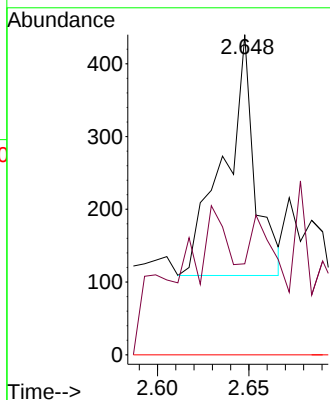
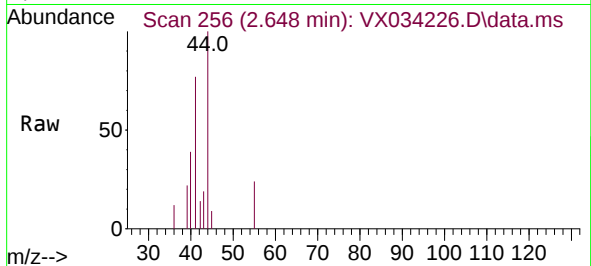




#14
 Allyl chloride
 Concen: 0.051 ug/l
 RT: 2.648 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VX034226.D
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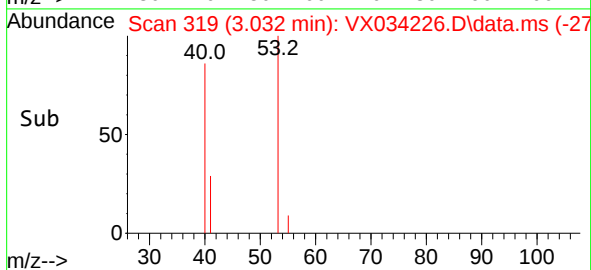
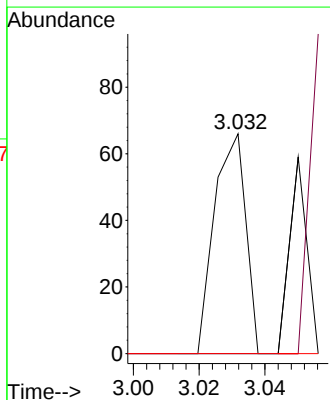
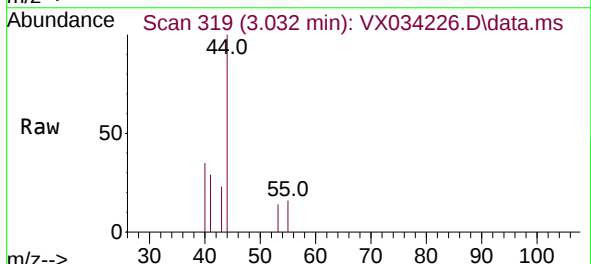
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 ClientSampleId :
 PB150999TB

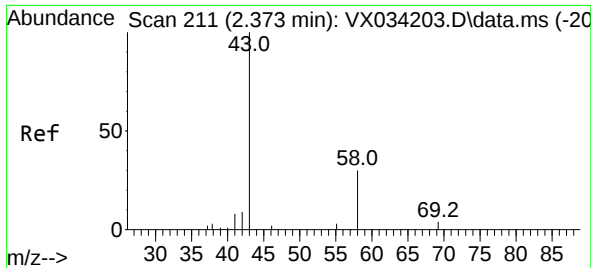
Tgt Ion: 41 Resp: 389
 Ion Ratio Lower Upper
 41 100
 39 21.1 59.0 88.4#
 76 0.0 24.6 37.0#



#15
 Acrylonitrile
 Concen: 0.020 ug/l
 RT: 3.032 min Scan# 319
 Delta R.T. -0.024 min
 Lab File: VX034226.D
 Acq: 22 Feb 2023 14:13

Tgt Ion: 53 Resp: 44
 Ion Ratio Lower Upper
 53 100
 52 0.0 65.7 98.5#
 51 0.0 29.0 43.4#

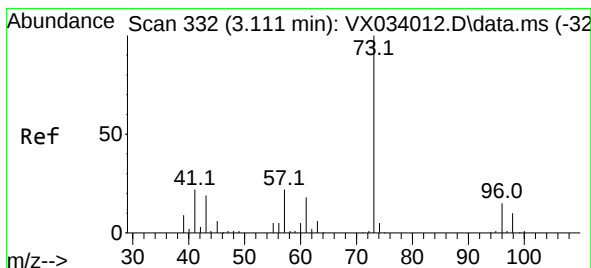
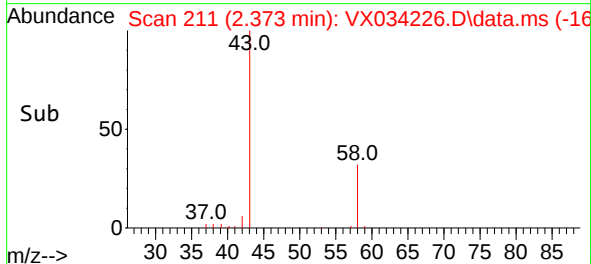
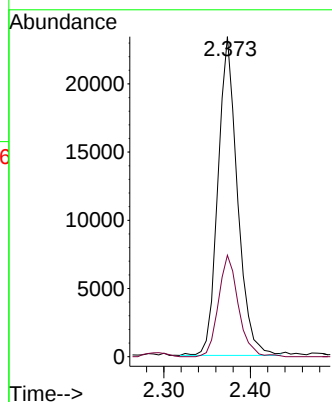
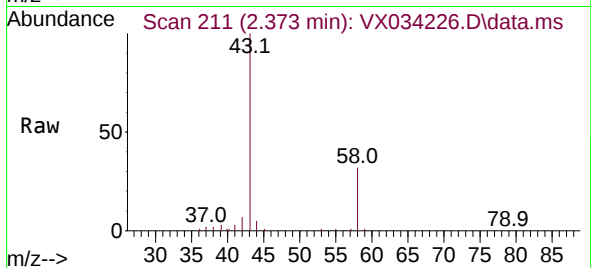




#16
Acetone
Concen: 15.824 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

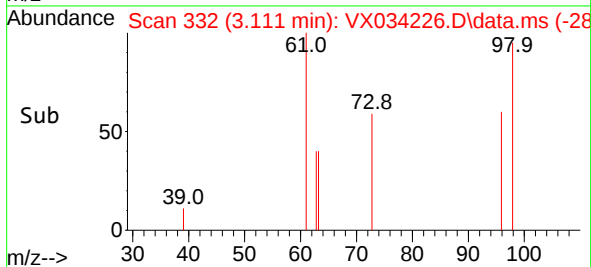
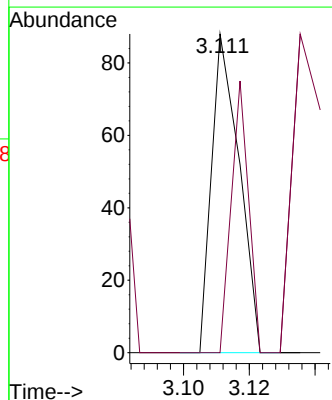
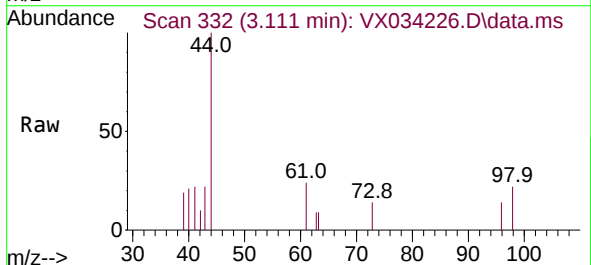
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

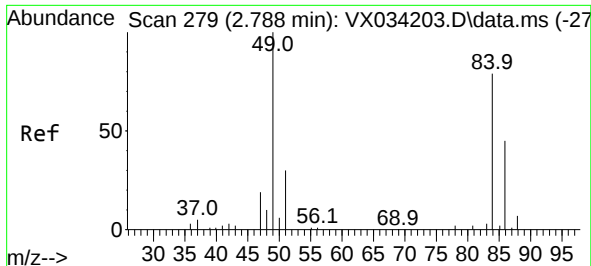
Tgt Ion: 43 Resp: 36542
Ion Ratio Lower Upper
43 100
58 31.8 22.6 33.8



#19
Methyl tert-butyl Ether
Concen: 0.004 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

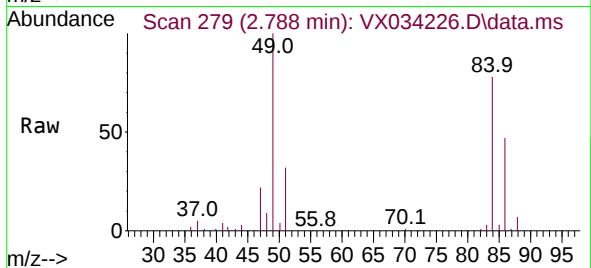
Tgt Ion: 73 Resp: 51
Ion Ratio Lower Upper
73 100
57 0.0 17.4 26.0#





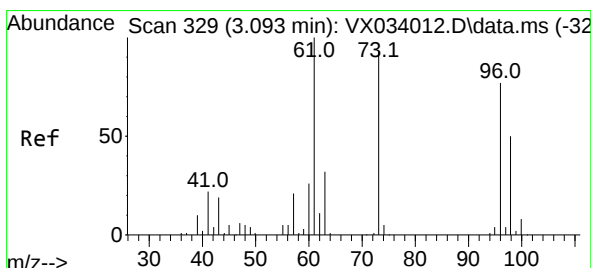
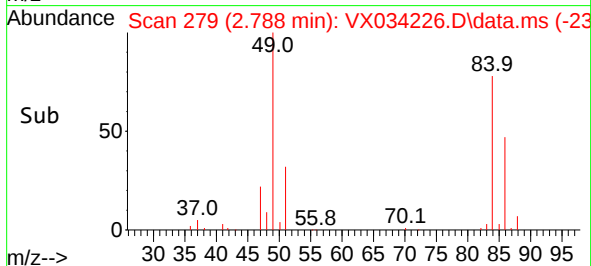
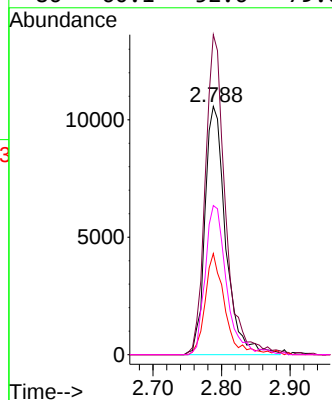
#20
Methylene Chloride
Concen: 5.344 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
PB150999TB



Tgt Ion: 84 Resp: 22235

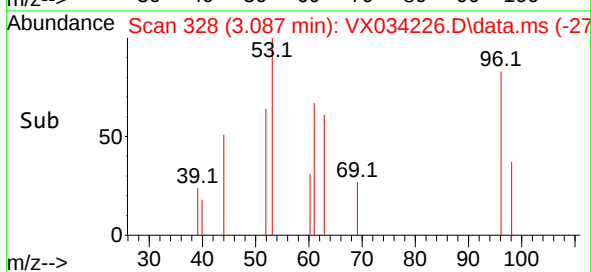
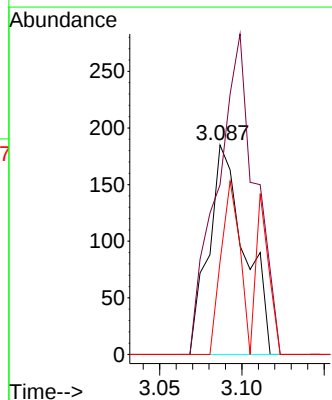
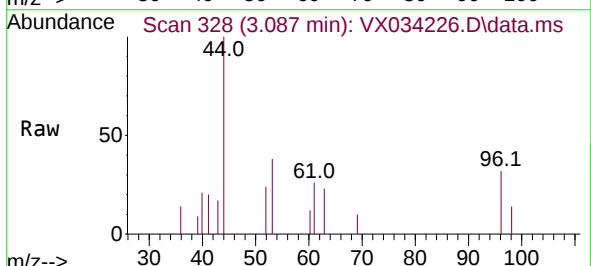
Ion	Ratio	Lower	Upper
84	100		
49	128.9	101.1	151.7
51	40.7	31.0	46.6
86	60.1	52.6	79.0

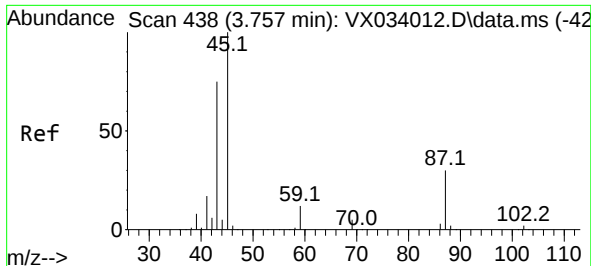


#21
trans-1,2-Dichloroethene
Concen: 0.075 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 96 Resp: 281

Ion	Ratio	Lower	Upper
96	100		
61	81.1	106.7	160.1#
98	44.3	50.0	75.0#

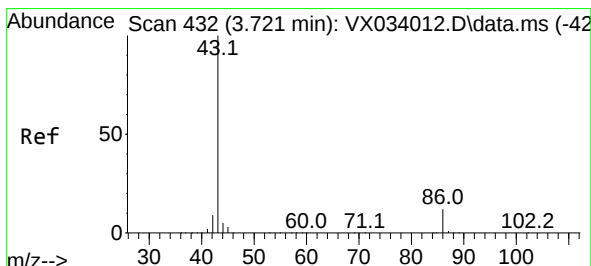
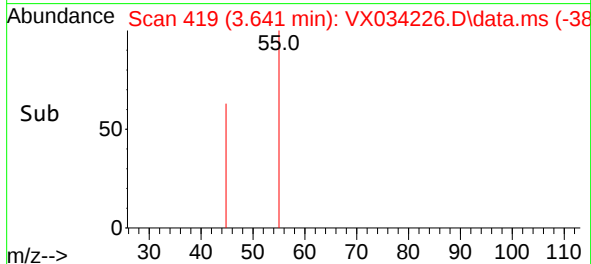
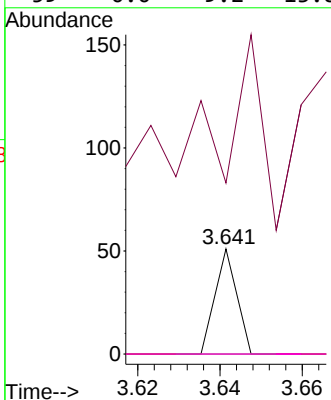
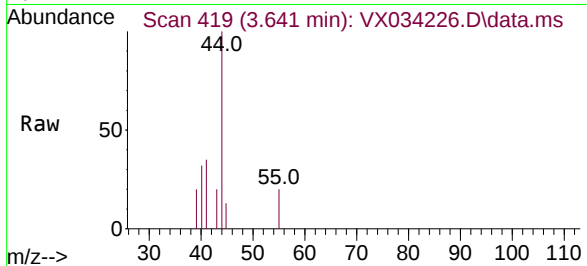




#22
Diisopropyl ether
Concen: 0.001 ug/l
RT: 3.641 min Scan# 419
Delta R.T. -0.116 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

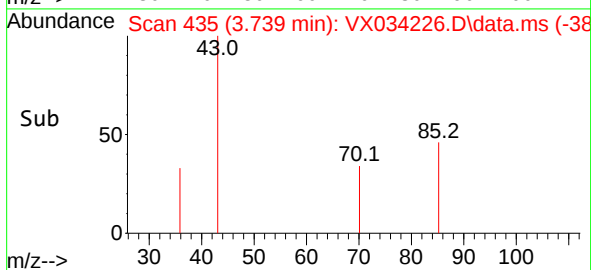
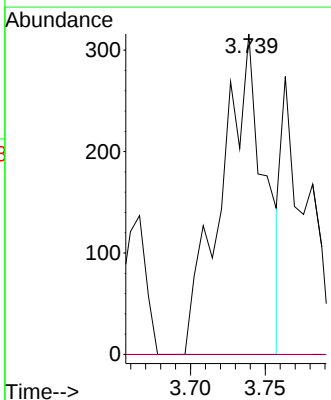
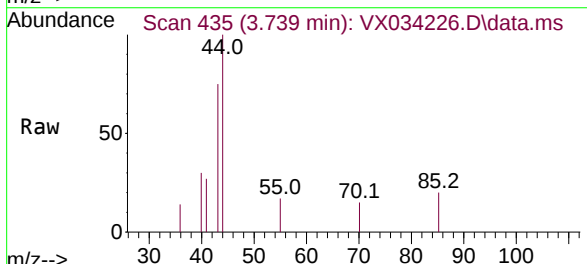
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

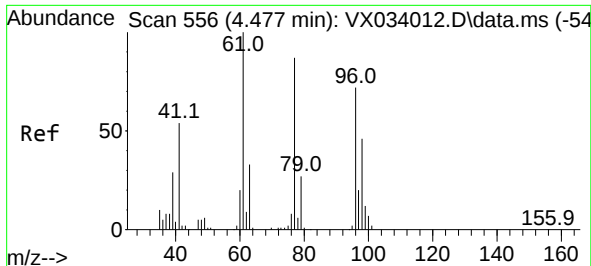
Tgt Ion:	45	Resp:	19
Ion	Ratio	Lower	Upper
45	100		
43	45.1	64.6	97.0#
87	0.0	21.9	32.9#
59	0.0	9.2	13.8#



#23
Vinyl Acetate
Concen: 0.059 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.024 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:	43	Resp:	632
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.4	12.6#





#26

2,2-Dichloropropane

Concen: 0.003 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.030 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

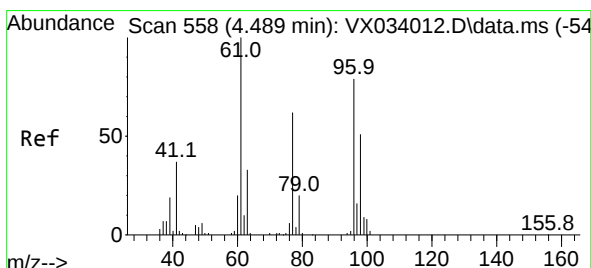
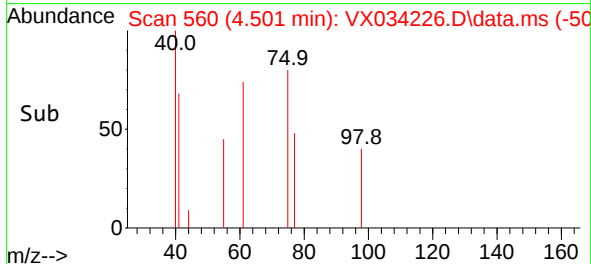
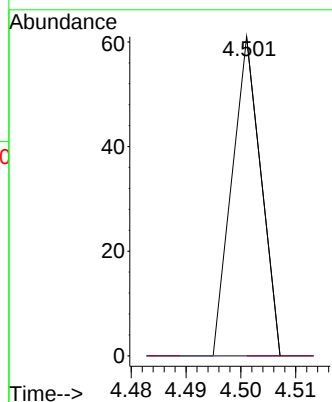
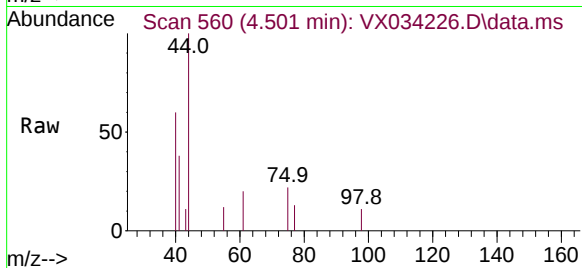
PB150999TB

Tgt Ion: 77 Resp: 22

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.5#



#27

cis-1,2-Dichloroethene

Concen: 0.006 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

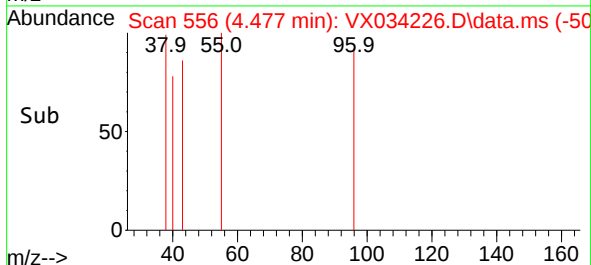
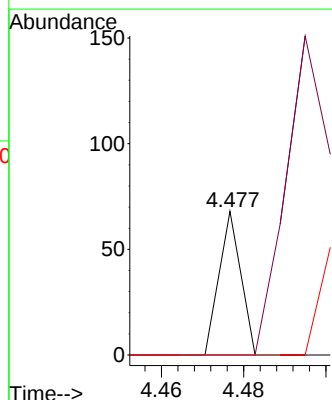
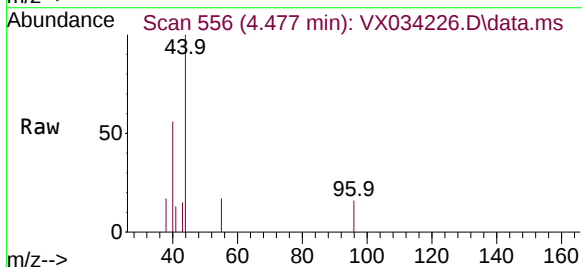
Tgt Ion: 96 Resp: 25

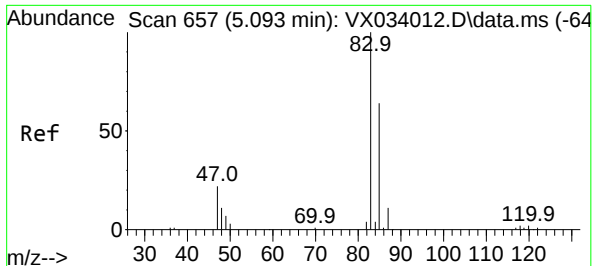
Ion Ratio Lower Upper

96 100

61 0.0 0.0 277.6

98 0.0 0.0 128.0





#30

Chloroform

Concen: 0.014 ug/l

RT: 5.080 min Scan# 61

Delta R.T. -0.012 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

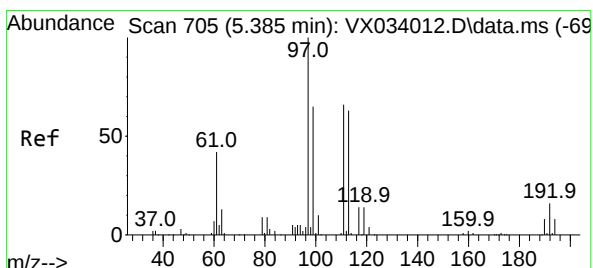
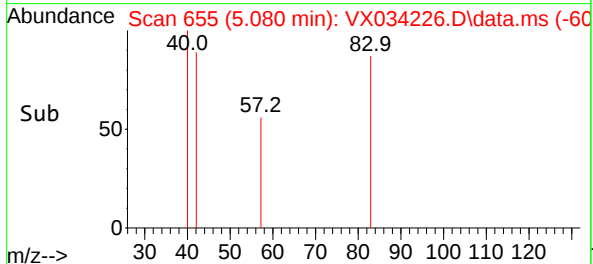
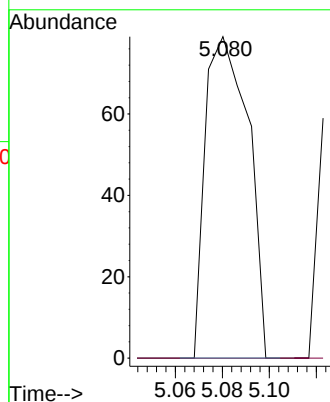
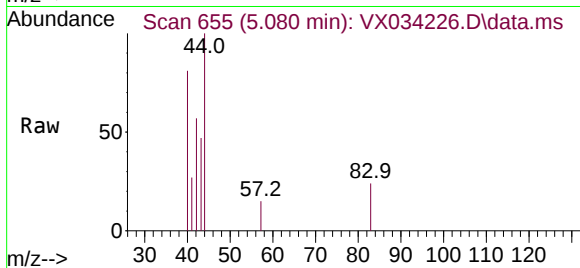
PB150999TB

Tgt Ion: 83 Resp: 100

Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#



#32

1,1,1-Trichloroethane

Concen: 0.003 ug/l

RT: 5.367 min Scan# 702

Delta R.T. -0.012 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

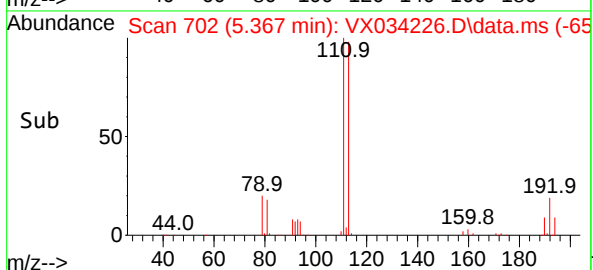
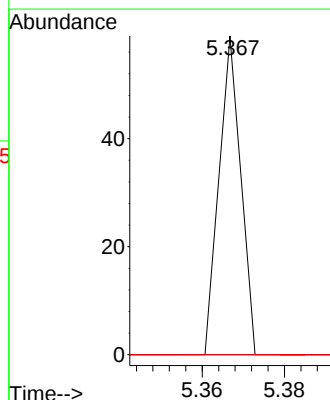
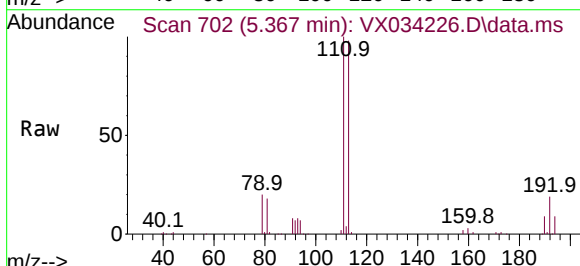
Tgt Ion: 97 Resp: 22

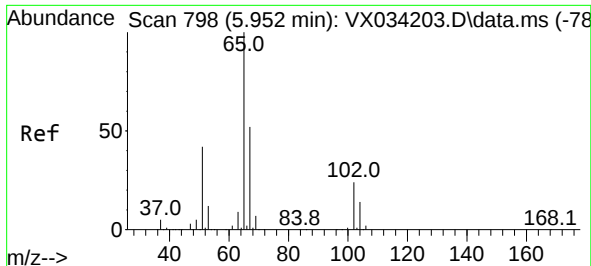
Ion Ratio Lower Upper

97 100

99 0.0 52.3 78.5#

61 0.0 35.2 52.8#





#33

1,2-Dichloroethane-d4

Concen: 44.224 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

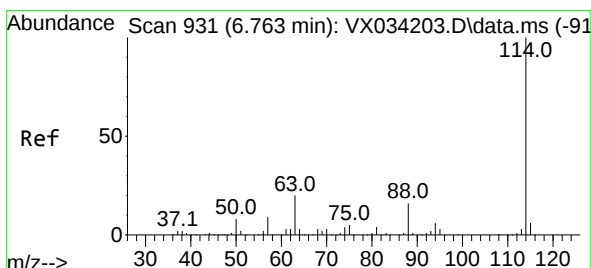
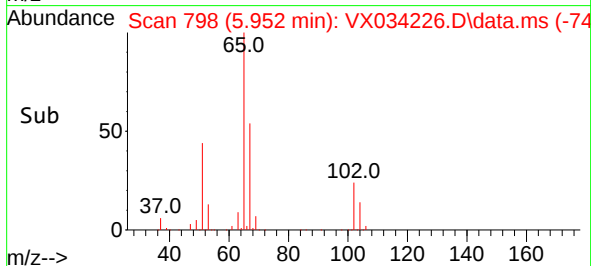
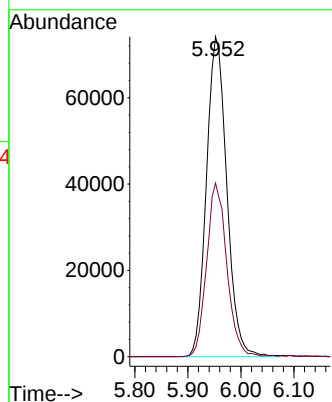
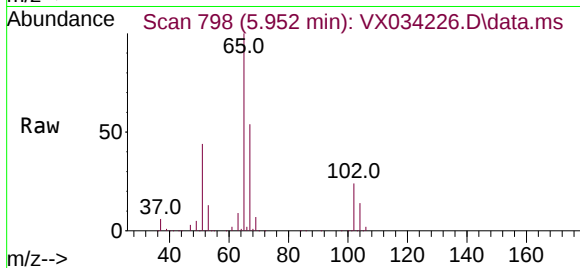
PB150999TB

Tgt Ion: 65 Resp: 197978

Ion Ratio Lower Upper

65 100

67 53.7 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

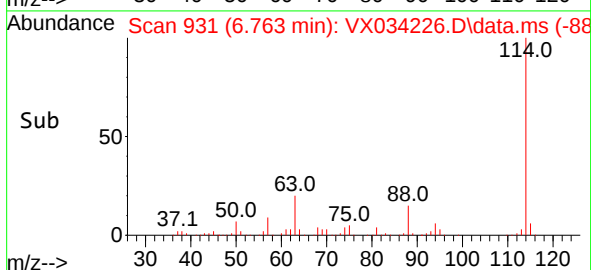
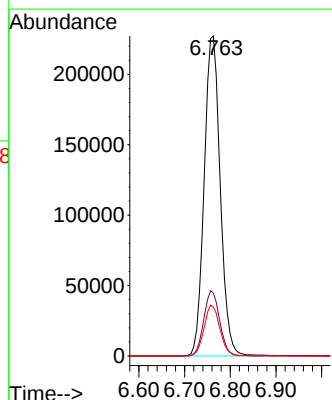
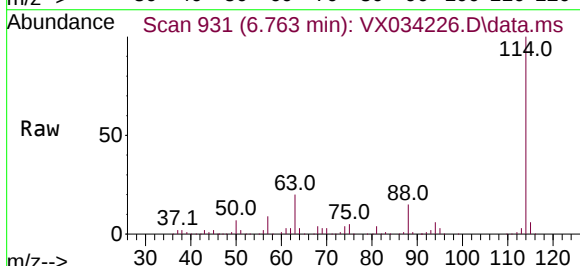
Tgt Ion: 114 Resp: 553867

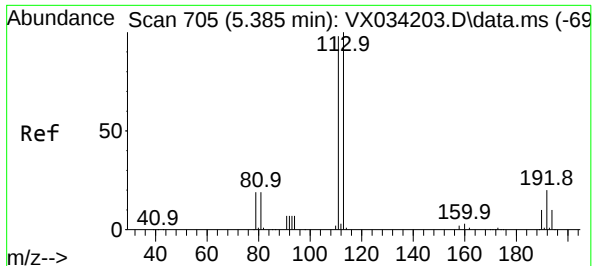
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 15.2 0.0 30.6

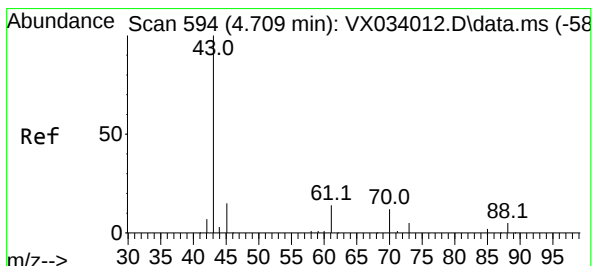
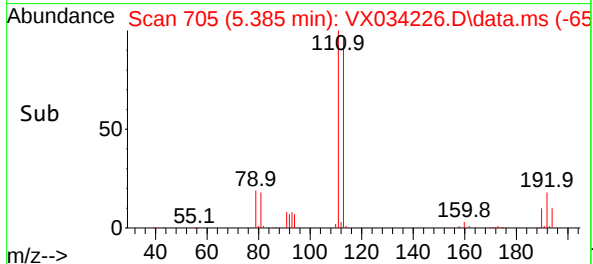
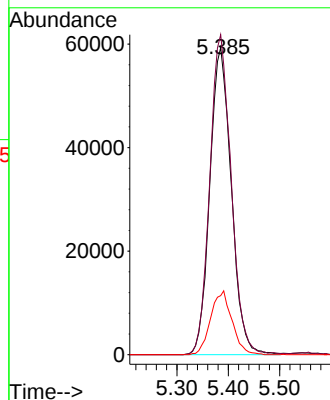
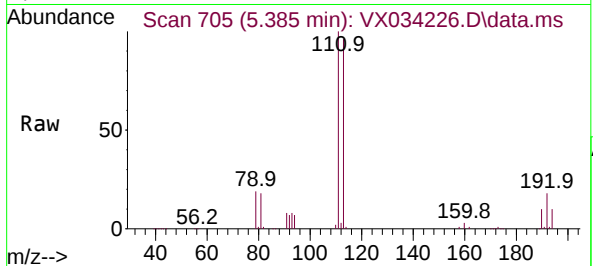




#35
Dibromofluoromethane
Concen: 47.716 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

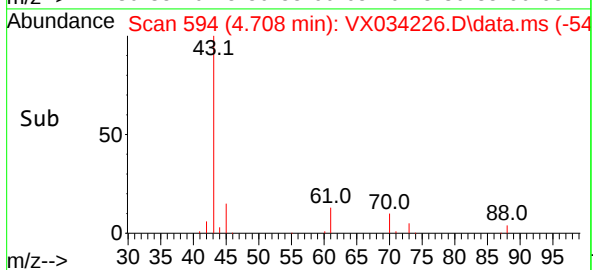
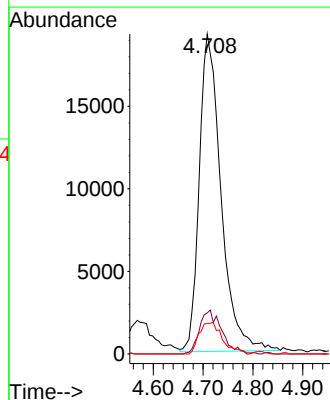
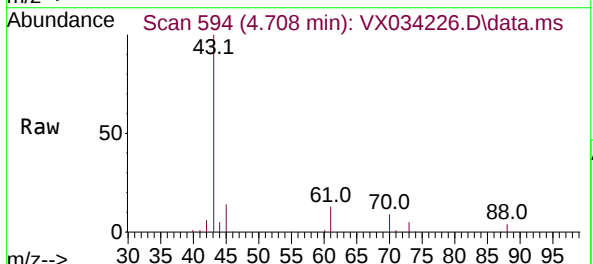
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

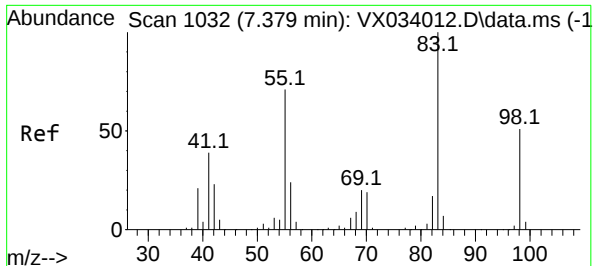
Tgt Ion:113 Resp: 172073
Ion Ratio Lower Upper
113 100
111 104.1 83.0 124.6
192 20.7 19.0 28.4



#37
Ethyl Acetate
Concen: 9.805 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 43 Resp: 58440
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.6 8.5 12.7





#39

Methylcyclohexane

Concen: 0.036 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

PB150999TB

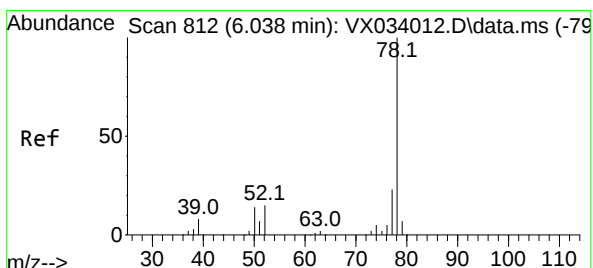
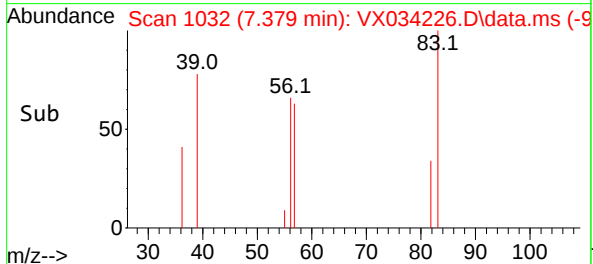
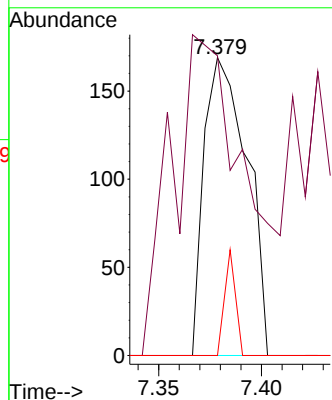
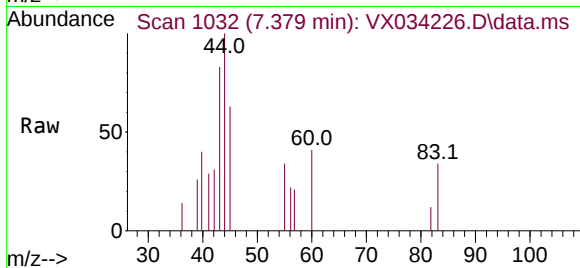
Tgt Ion: 83 Resp: 245

Ion Ratio Lower Upper

83 100

55 60.4 61.8 92.6#

98 0.0 39.3 58.9#



#40

Benzene

Concen: 0.024 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.012 min

Lab File: VX034226.D

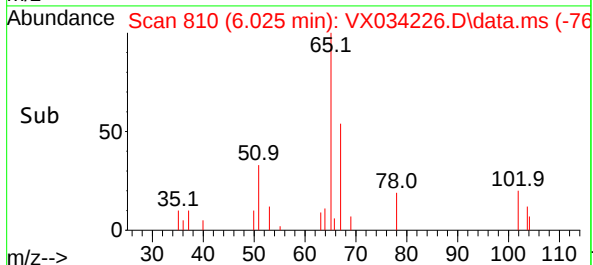
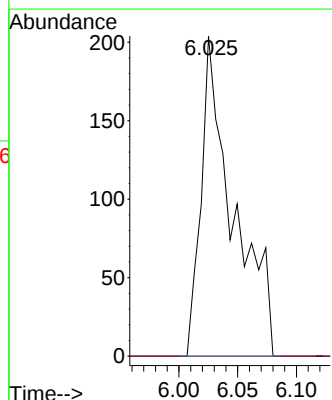
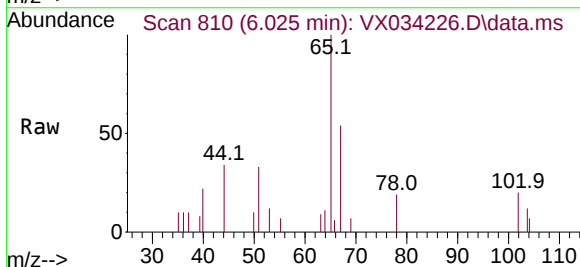
Acq: 22 Feb 2023 14:13

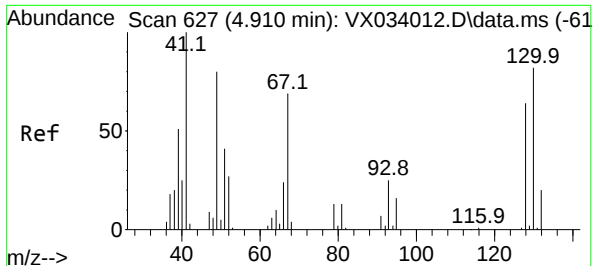
Tgt Ion: 78 Resp: 387

Ion Ratio Lower Upper

78 100

77 0.0 19.0 28.4#

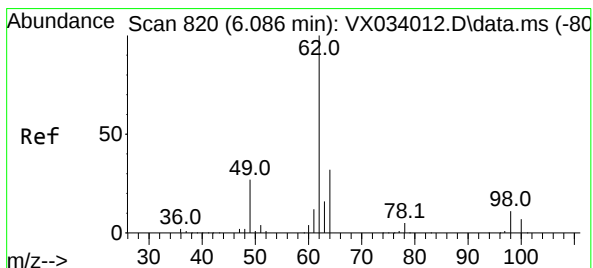
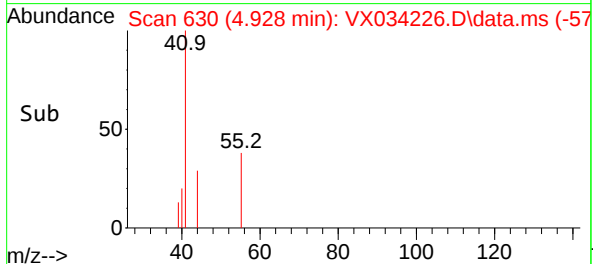
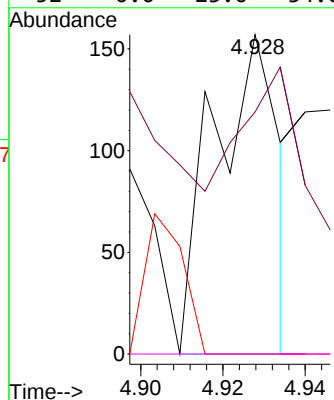
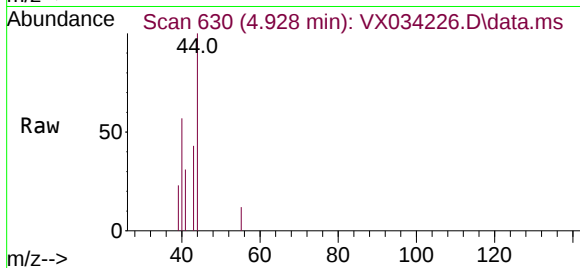




#41
Methacrylonitrile
Concen: 0.053 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.012 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

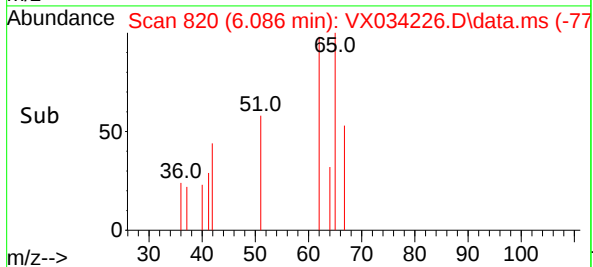
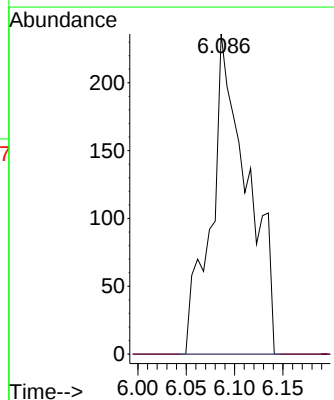
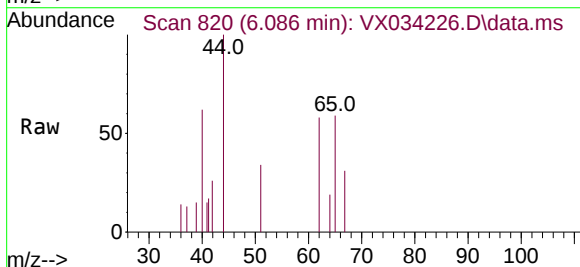
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

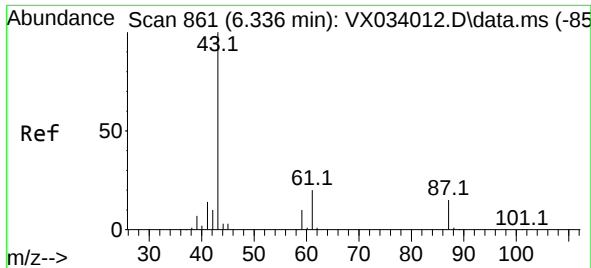
Tgt Ion:	41	Resp:	175
Ion	Ratio	Lower	Upper
41	100		
39	106.3	43.8	65.6#
67	0.0	54.8	82.2#
52	0.0	23.0	34.6#



#42
1,2-Dichloroethane
Concen: 0.111 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:	62	Resp:	617
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.2

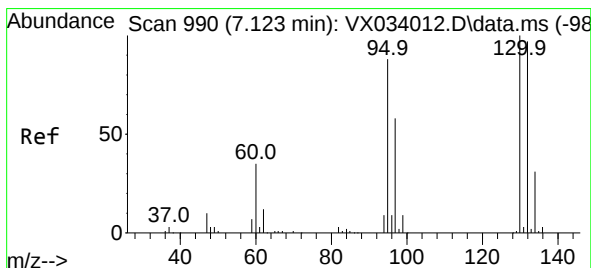
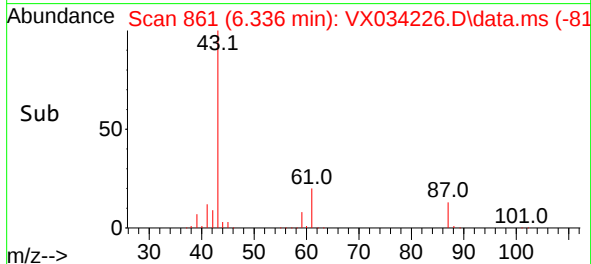
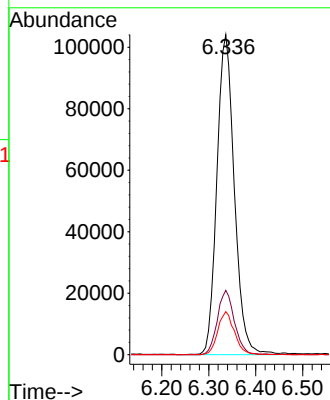
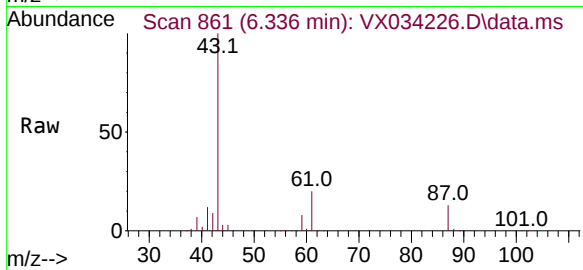




#43
Isopropyl Acetate
Concen: 25.531 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

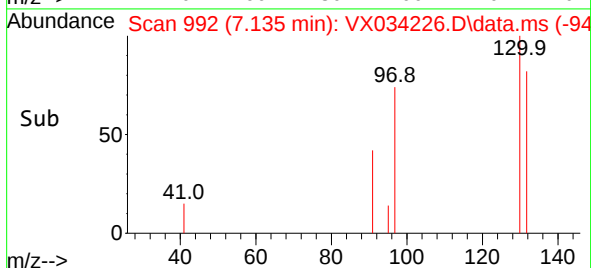
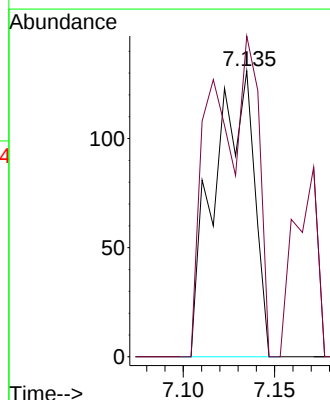
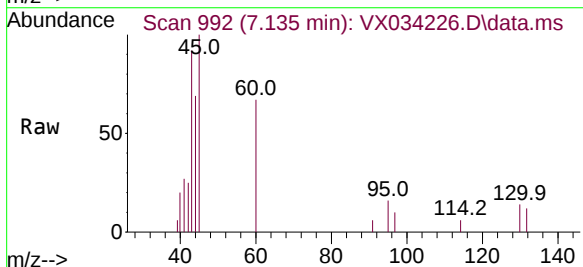
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

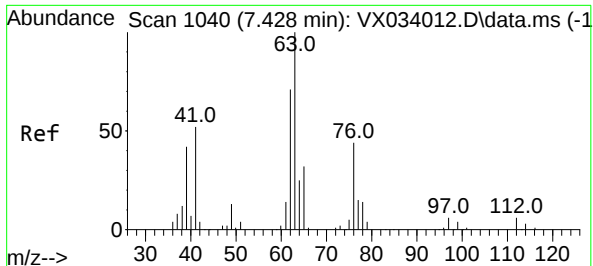
Tgt Ion: 43 Resp: 268541
Ion Ratio Lower Upper
43 100
61 19.7 15.7 23.5
87 12.8 10.6 15.8



#44
Trichloroethene
Concen: 0.049 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 130 Resp: 200
Ion Ratio Lower Upper
130 100
95 112.2 0.0 182.6





#45

1,2-Dichloropropane

Concen: 0.038 ug/l

RT: 7.629 min Scan# 1073

Delta R.T. 0.201 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

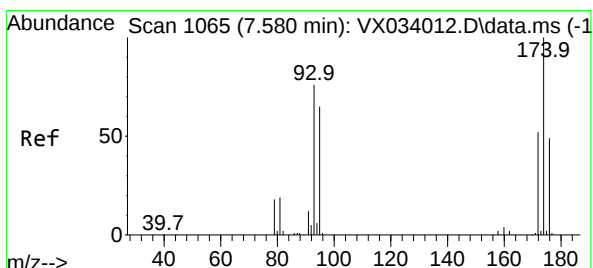
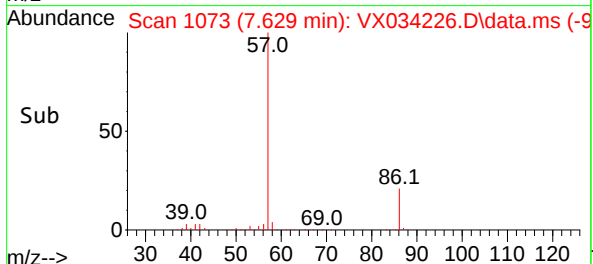
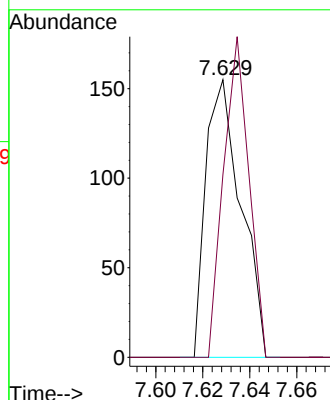
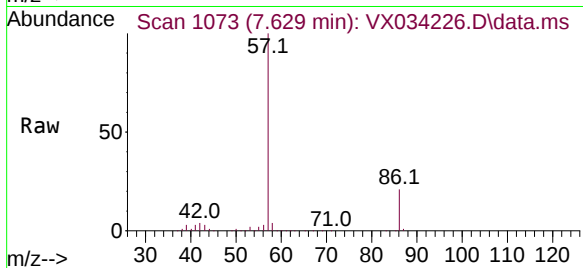
PB150999TB

Tgt Ion: 63 Resp: 161

Ion Ratio Lower Upper

63 100

65 65.8 24.2 36.2#



#46

Dibromomethane

Concen: 0.025 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

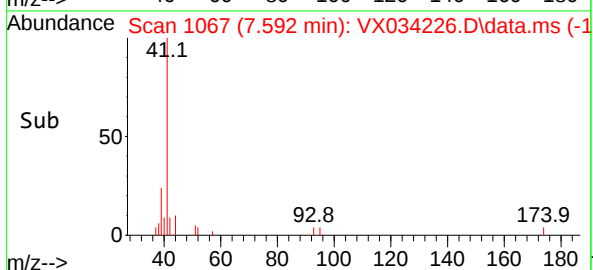
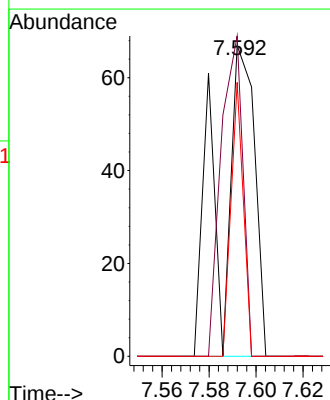
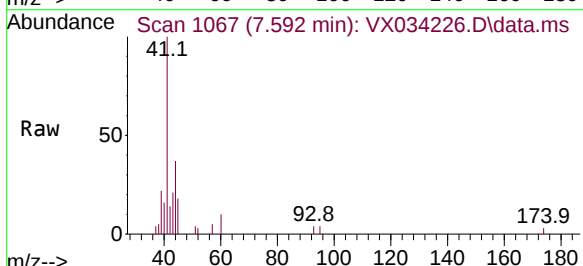
Tgt Ion: 93 Resp: 68

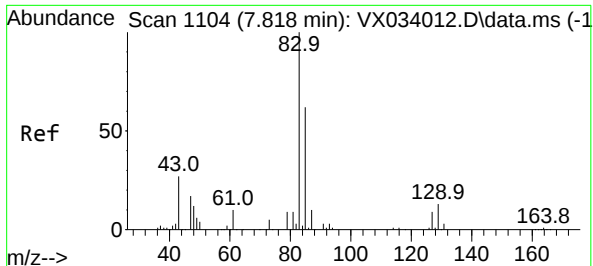
Ion Ratio Lower Upper

93 100

95 64.7 67.6 101.4#

174 32.4 97.4 146.0#

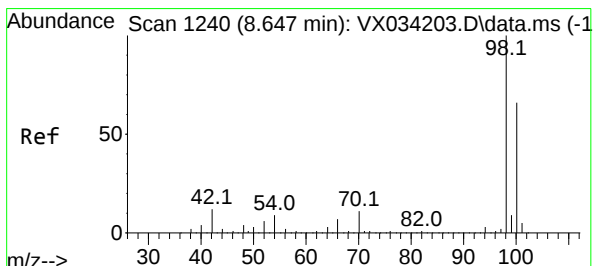
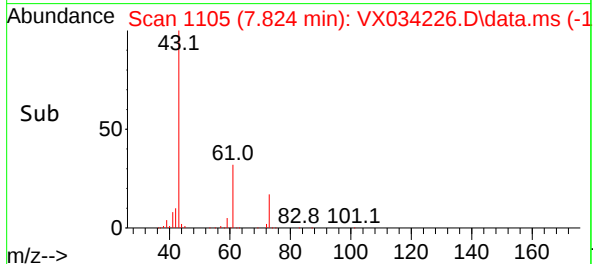
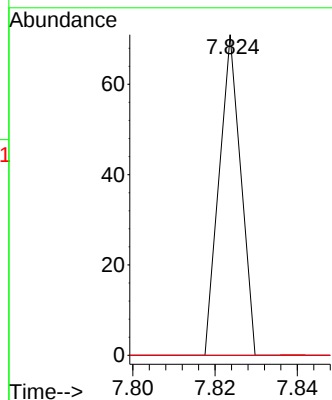
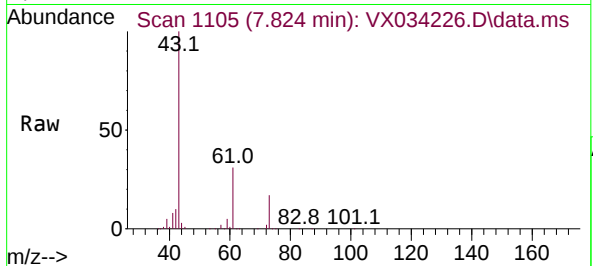




#47
Bromodichloromethane
Concen: 0.005 ug/l
RT: 7.824 min Scan# 1104
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

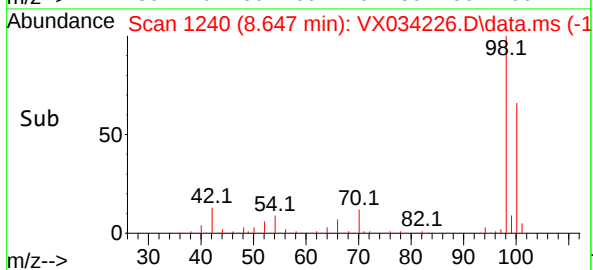
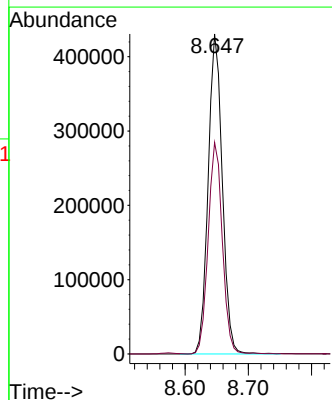
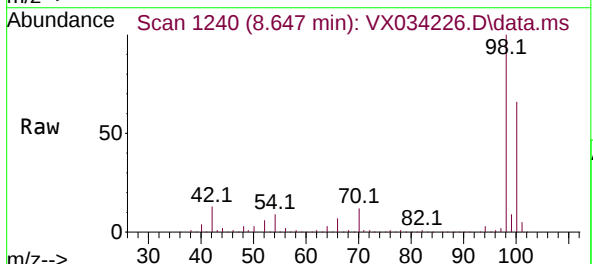
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

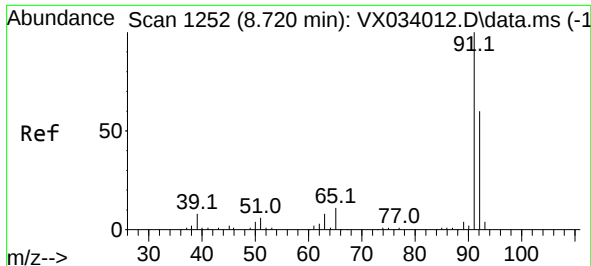
Tgt Ion: 83 Resp: 26
Ion Ratio Lower Upper
83 100
85 0.0 49.8 74.6#
127 0.0 7.0 10.4#



#50
Toluene-d8
Concen: 51.747 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 98 Resp: 670001
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4





#52

Toluene

Concen: 0.068 ug/l

RT: 8.714 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

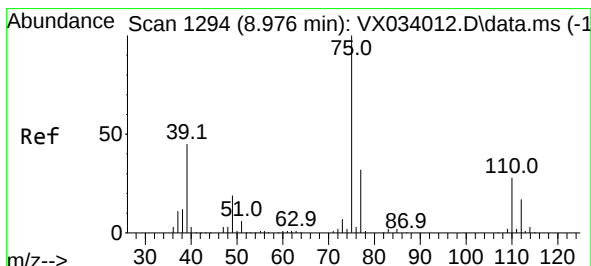
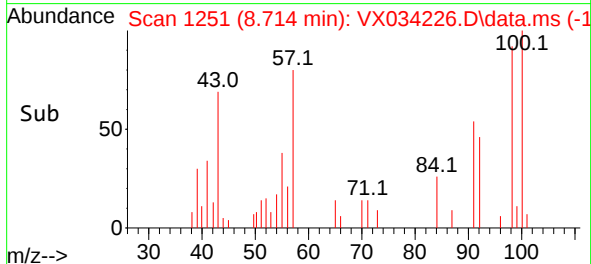
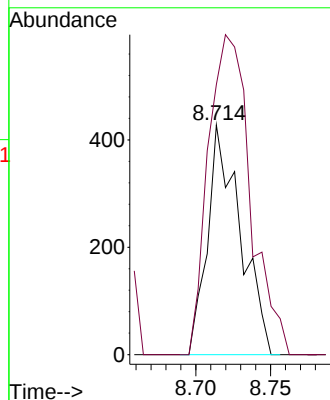
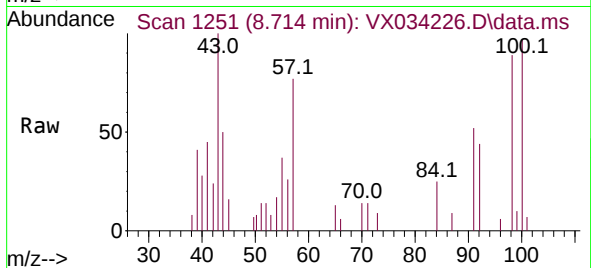
PB150999TB

Tgt Ion: 92 Resp: 652

Ion Ratio Lower Upper

92 100

91 179.3 135.5 203.3



#53

t-1,3-Dichloropropene

Concen: 0.039 ug/l

RT: 8.988 min Scan# 1296

Delta R.T. 0.012 min

Lab File: VX034226.D

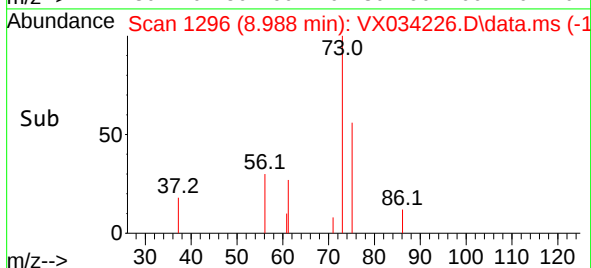
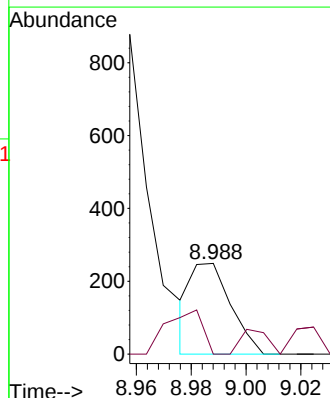
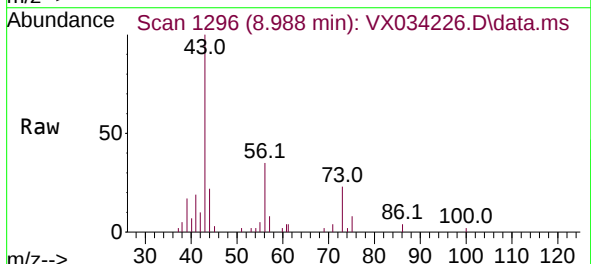
Acq: 22 Feb 2023 14:13

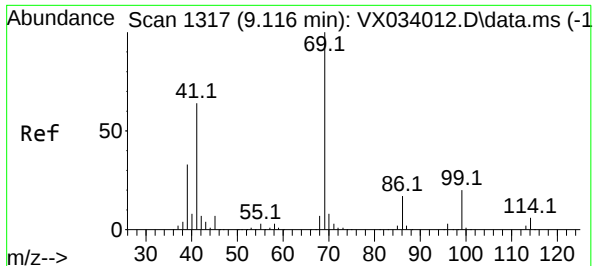
Tgt Ion: 75 Resp: 252

Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

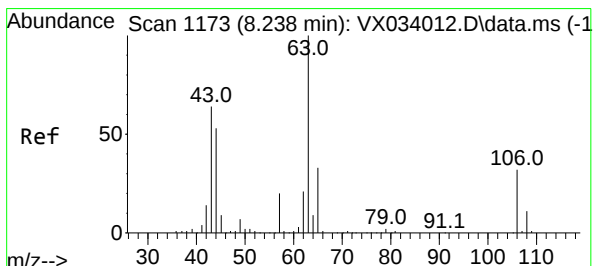
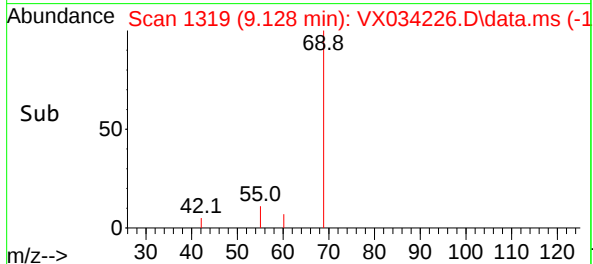
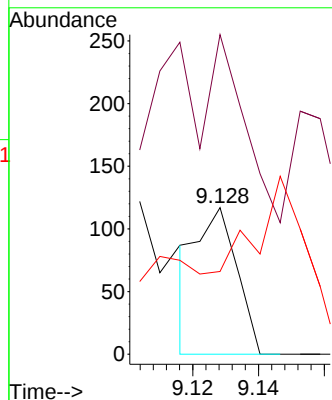
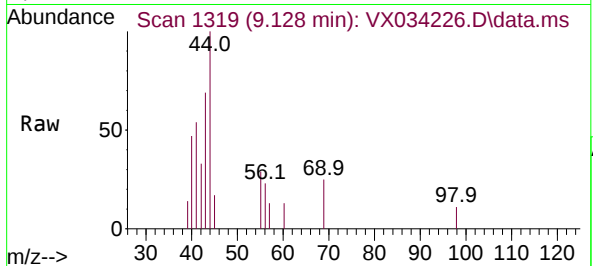




#56
Ethyl methacrylate
Concen: 0.015 ug/l
RT: 9.128 min Scan# 1117
Delta R.T. 0.012 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

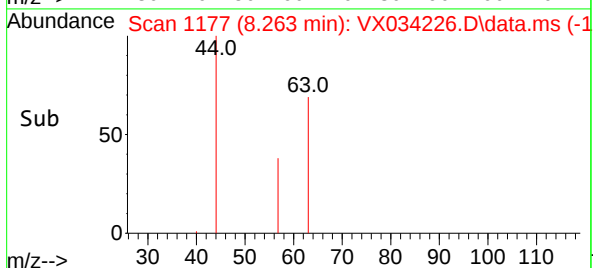
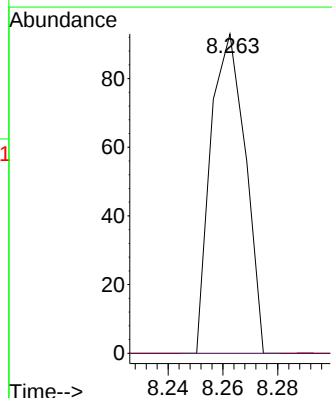
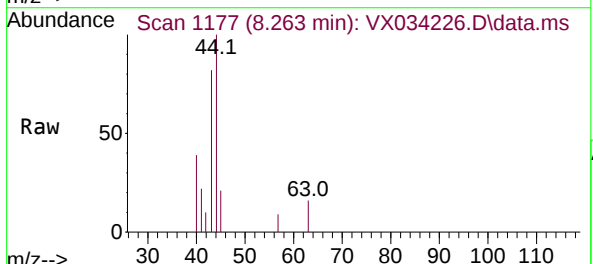
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

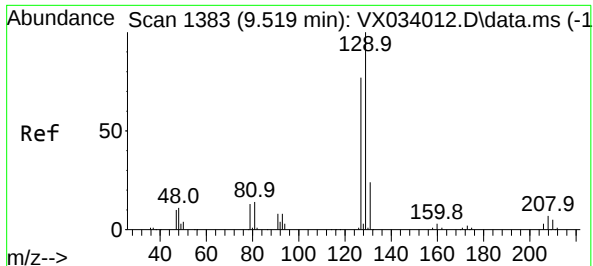
Tgt Ion: 69 Resp: 98
Ion Ratio Lower Upper
69 100
41 0.0 55.1 82.7#
39 0.0 28.5 42.7#



#58
2-Chloroethyl Vinyl ether
Concen: 0.029 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.024 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 63 Resp: 82
Ion Ratio Lower Upper
63 100
106 0.0 24.5 36.7#

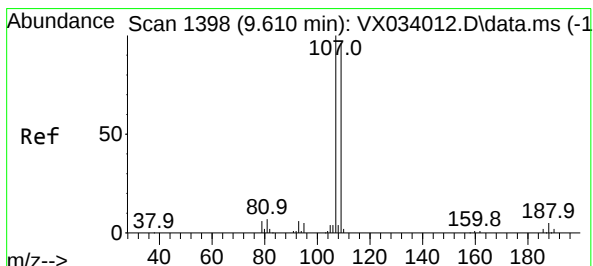
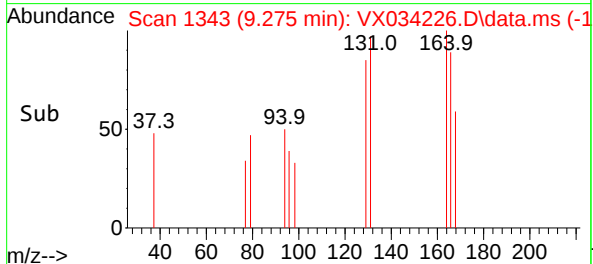
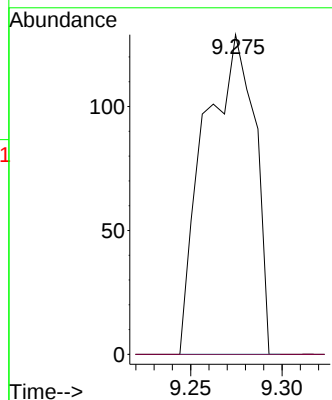
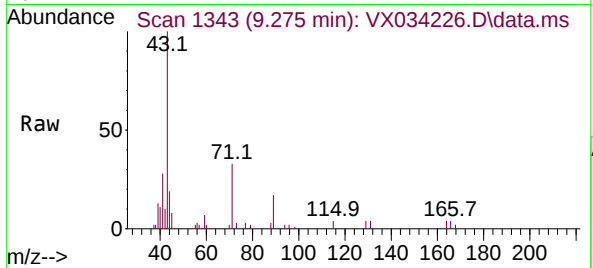




#60
Dibromochloromethane
Concen: 0.058 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

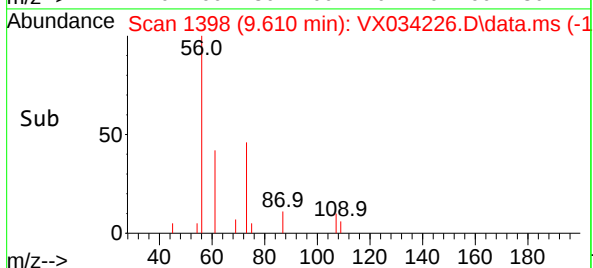
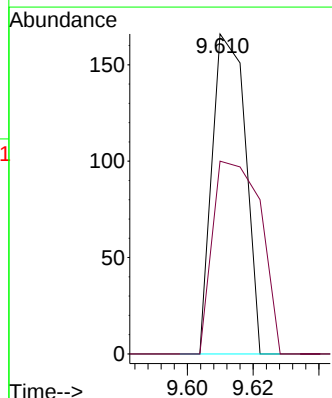
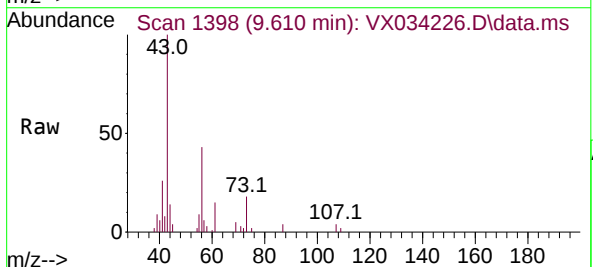
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

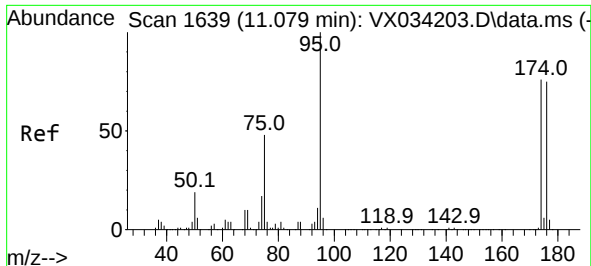
Tgt Ion:129 Resp: 247
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.3#



#61
1,2-Dibromoethane
Concen: 0.028 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:107 Resp: 116
Ion Ratio Lower Upper
107 100
109 87.1 74.2 111.2

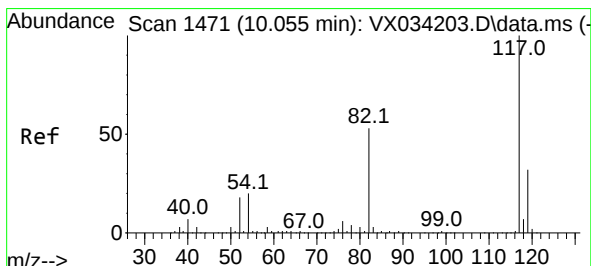
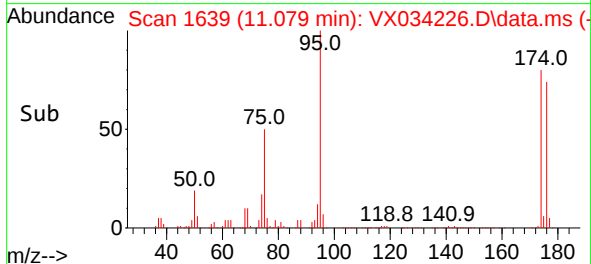
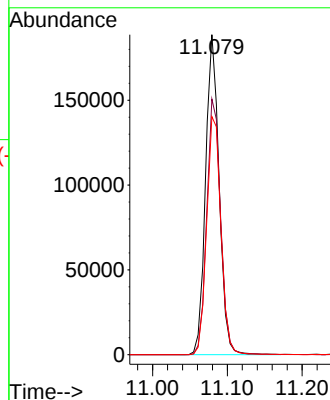
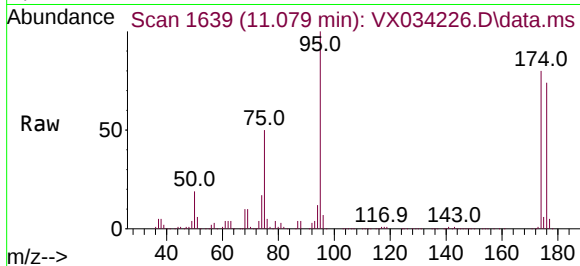




#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

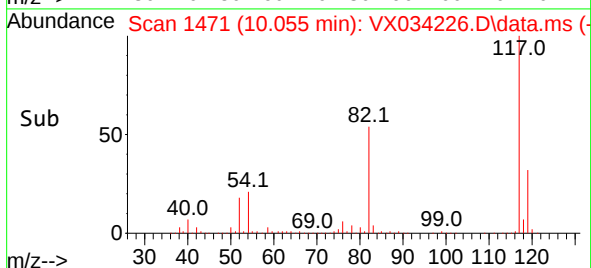
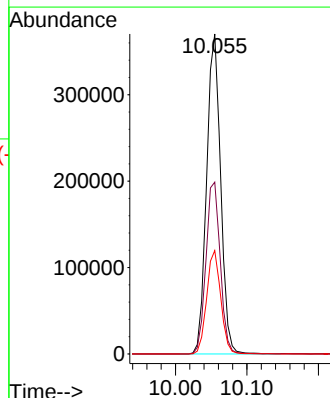
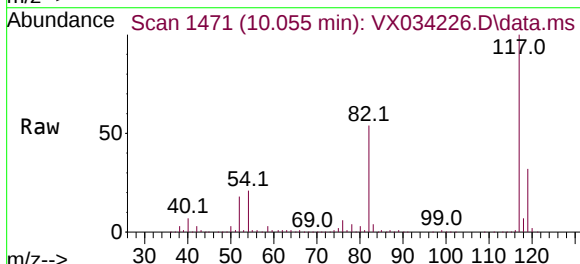
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

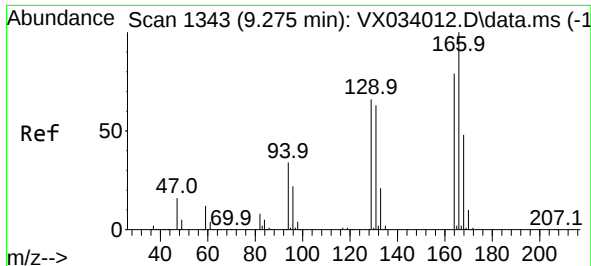
Tgt Ion: 95 Resp: 237291
Ion Ratio Lower Upper
95 100
174 82.2 0.0 184.4
176 78.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

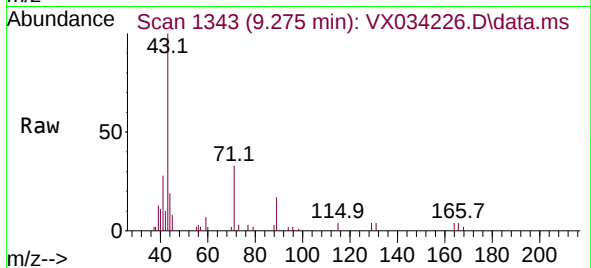
Tgt Ion: 117 Resp: 504140
Ion Ratio Lower Upper
117 100
82 53.7 40.6 60.8
119 32.3 25.6 38.4



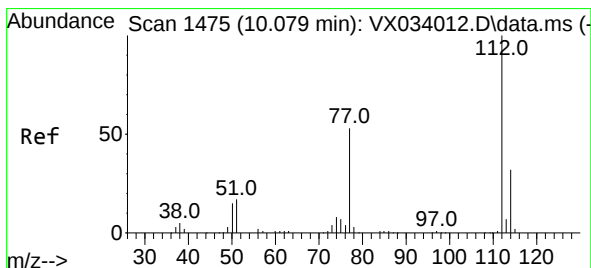
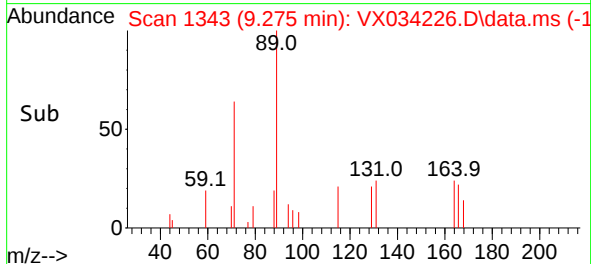
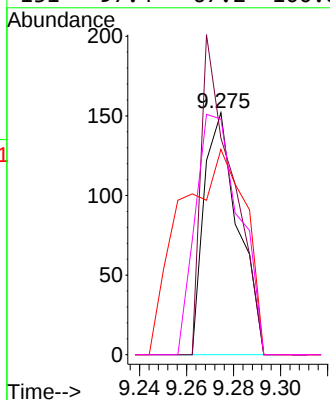


#64
Tetrachloroethene
Concen: 0.043 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

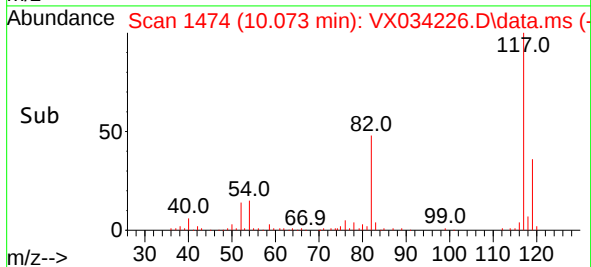
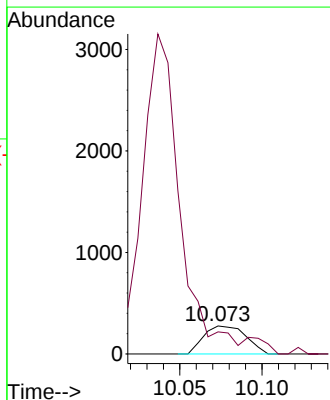
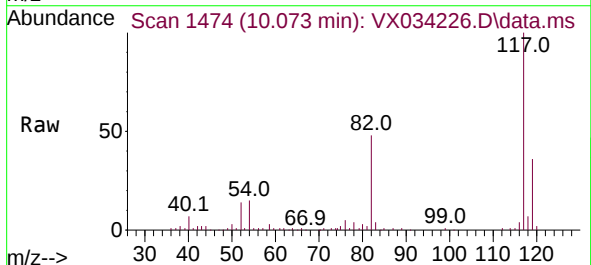


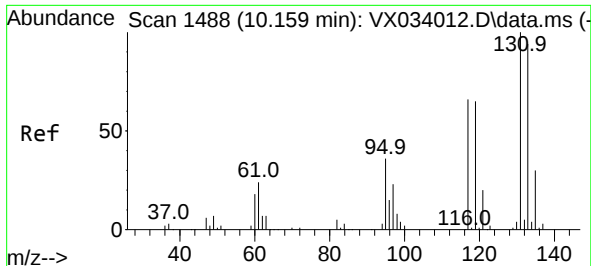
Tgt Ion:164 Resp: 153
Ion Ratio Lower Upper
164 100
166 89.5 100.2 150.2#
129 84.9 69.2 103.8
131 97.4 67.2 100.8



#65
Chlorobenzene
Concen: 0.047 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:112 Resp: 491
Ion Ratio Lower Upper
112 100
114 78.6 26.2 39.4#

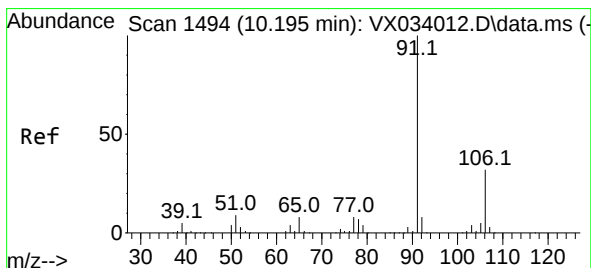
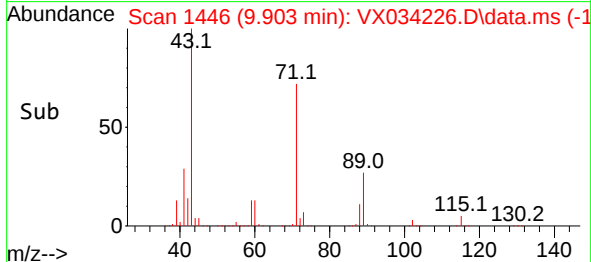
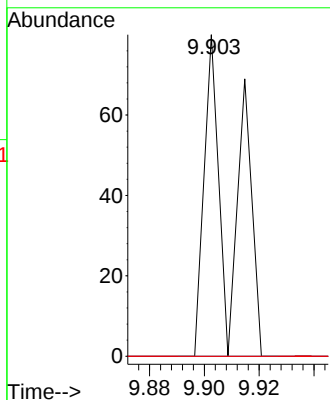
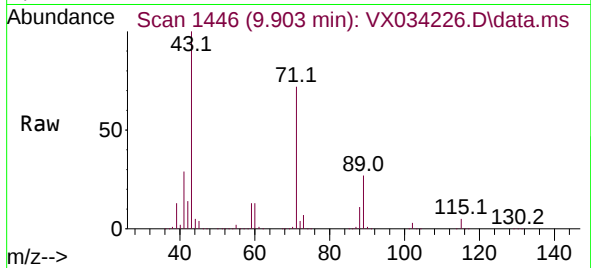




#66
1,1,1,2-Tetrachloroethane
Concen: 0.014 ug/l
RT: 9.903 min Scan# 1446
Delta R.T. -0.262 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

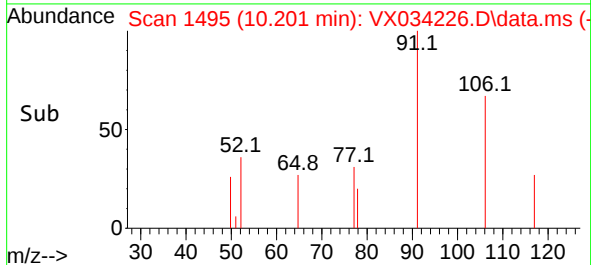
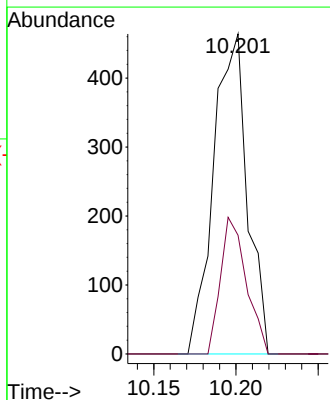
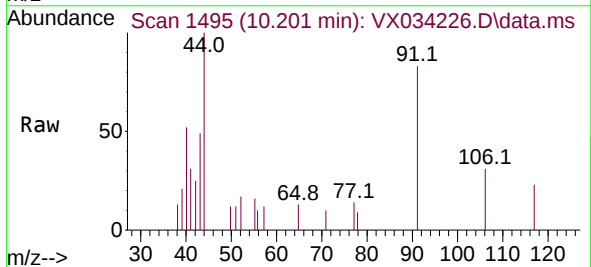
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

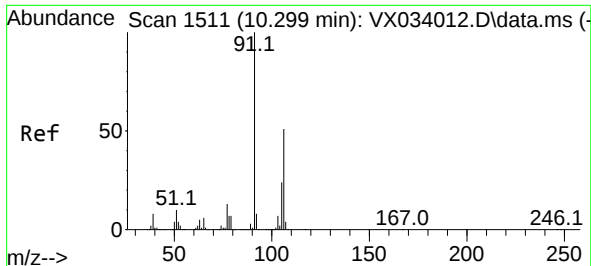
Tgt Ion:131 Resp: 55
Ion Ratio Lower Upper
131 100
133 0.0 48.4 145.0#
119 0.0 31.9 95.7#



#67
Ethyl Benzene
Concen: 0.035 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 91 Resp: 662
Ion Ratio Lower Upper
91 100
106 37.1 25.8 38.8

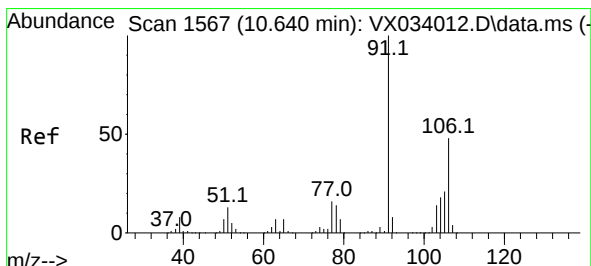
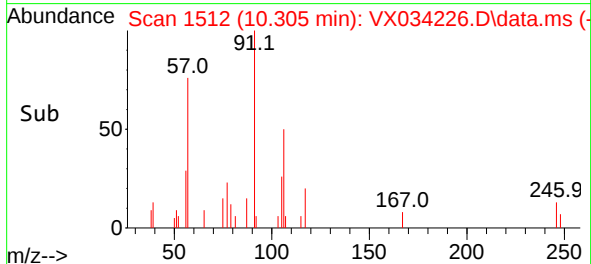
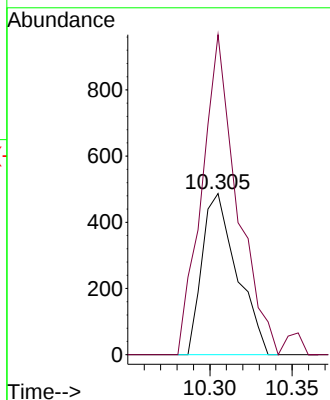
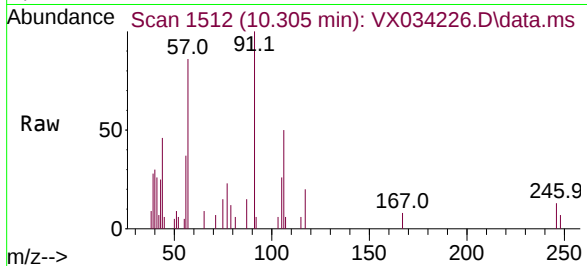




#68
m/p-Xylenes
Concen: 0.099 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

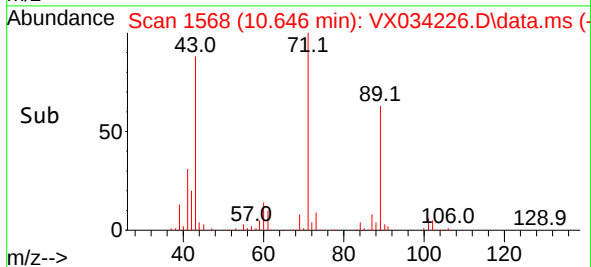
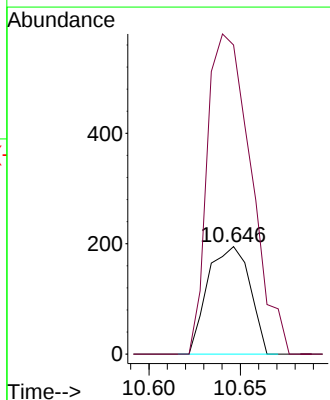
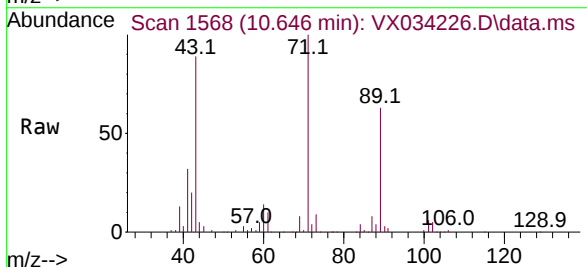
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

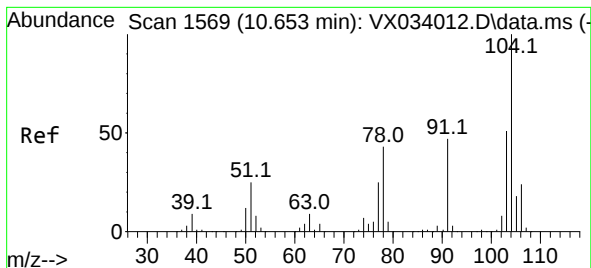
Tgt Ion:106 Resp: 717
Ion Ratio Lower Upper
106 100
91 201.4 156.4 234.6



#69
o-Xylene
Concen: 0.043 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:106 Resp: 312
Ion Ratio Lower Upper
106 100
91 308.7 103.1 309.3





#70

Styrene

Concen: 0.058 ug/l

RT: 10.658 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

Instrument :

MSVOA_X

ClientSampleId :

PB150999TB

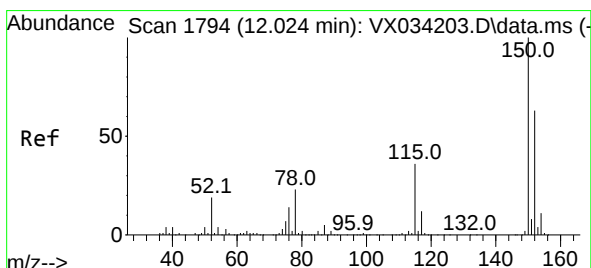
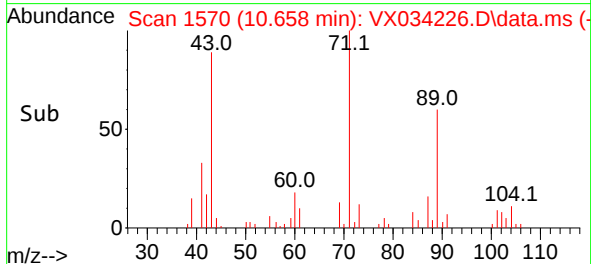
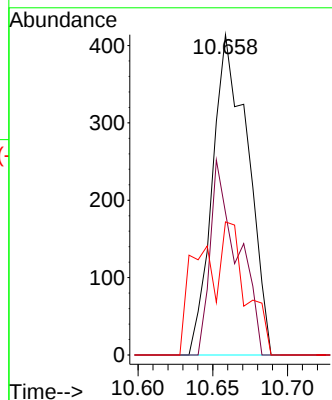
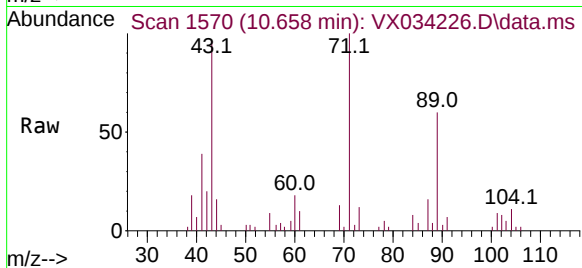
Tgt Ion:104 Resp: 681

Ion Ratio Lower Upper

104 100

78 46.8 37.5 56.3

103 29.1 43.3 64.9#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX034226.D

Acq: 22 Feb 2023 14:13

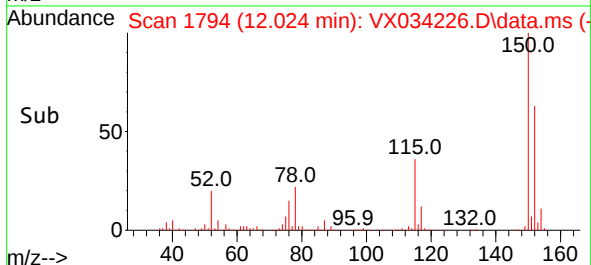
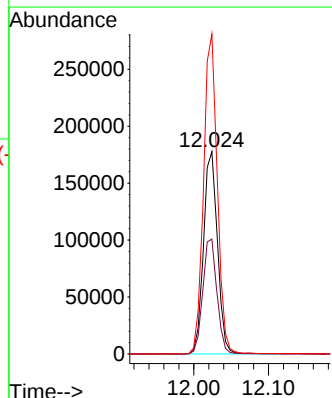
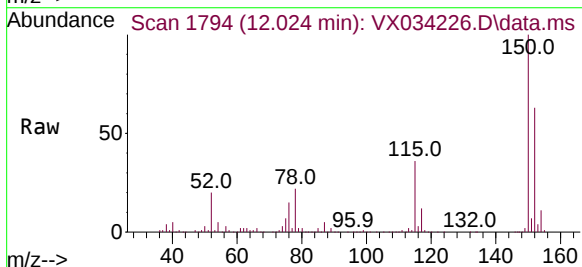
Tgt Ion:152 Resp: 230334

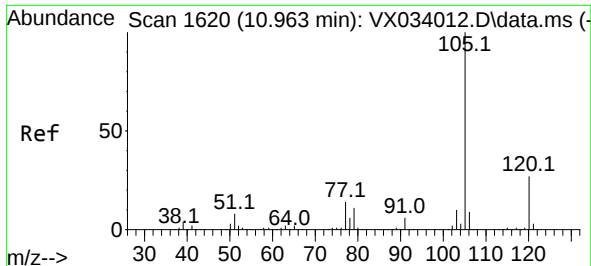
Ion Ratio Lower Upper

152 100

115 57.7 38.7 116.1

150 155.6 0.0 348.2

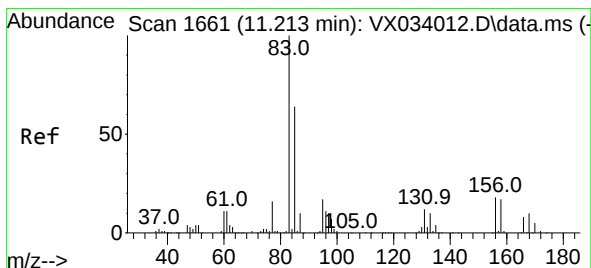
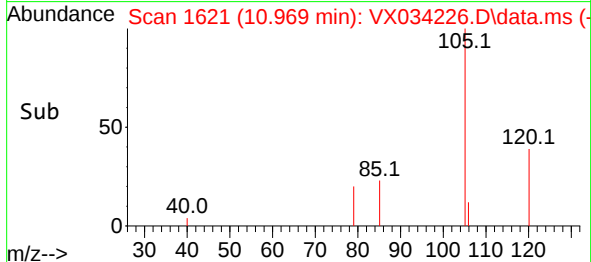
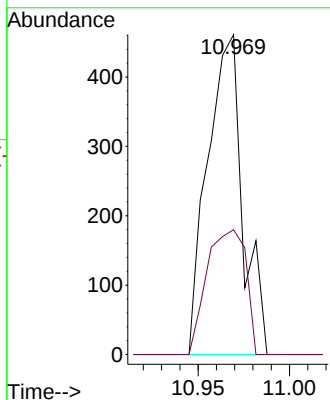
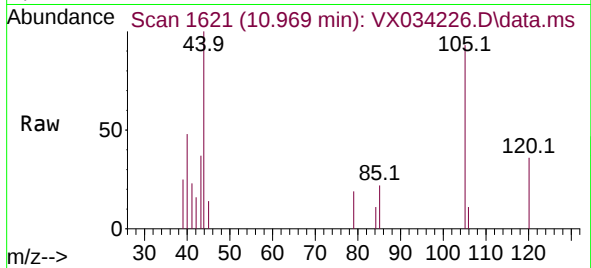




#73
Isopropylbenzene
Concen: 0.035 ug/l
RT: 10.969 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

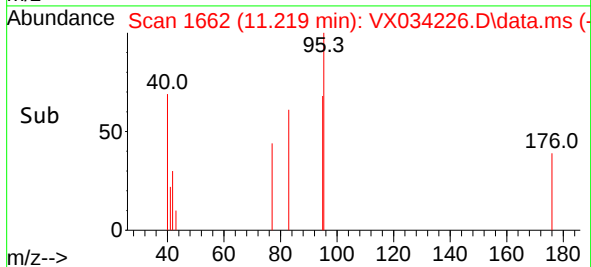
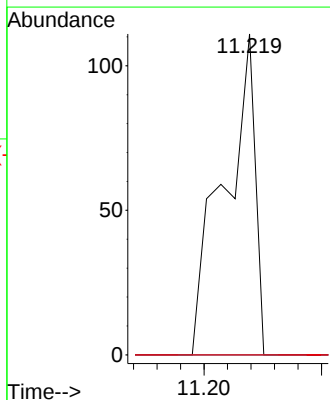
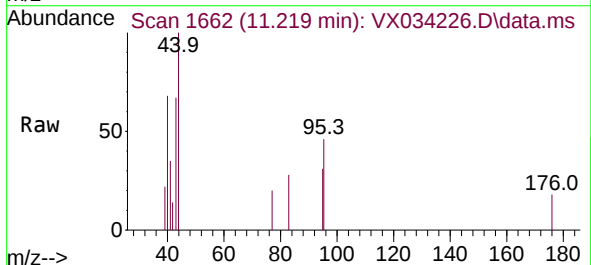
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

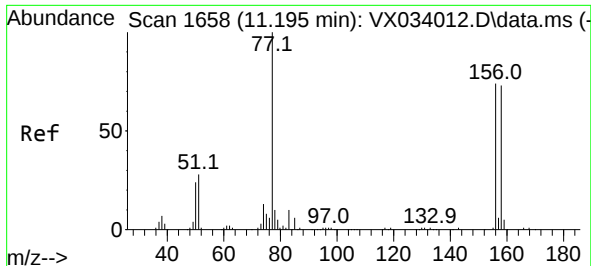
Tgt Ion:105 Resp: 616
Ion Ratio Lower Upper
105 100
120 43.3 13.6 40.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.017 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 83 Resp: 102
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.7#
85 0.0 32.3 96.9#

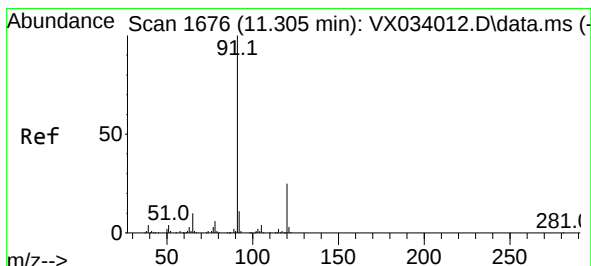
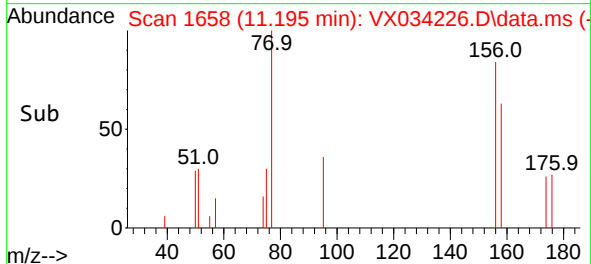
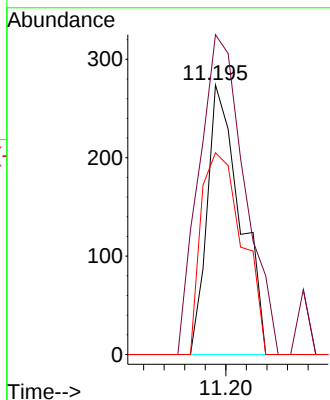
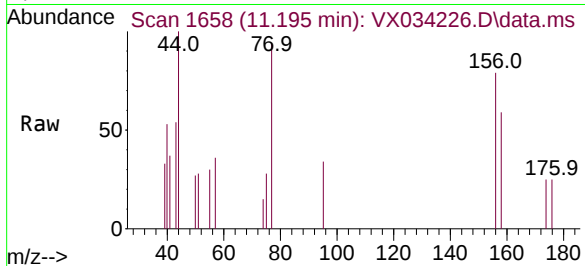




#77
Bromobenzene
Concen: 0.072 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

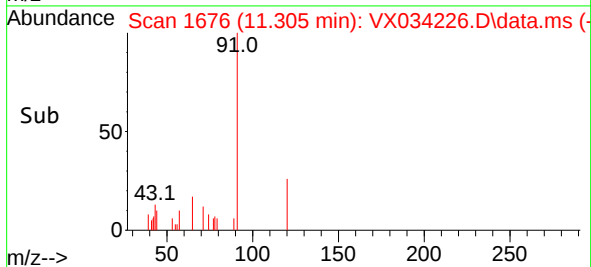
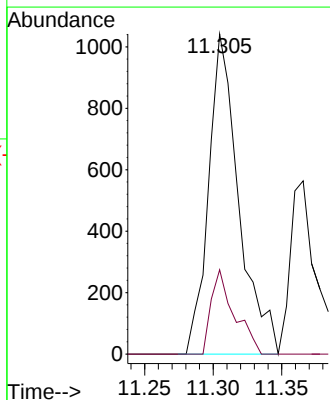
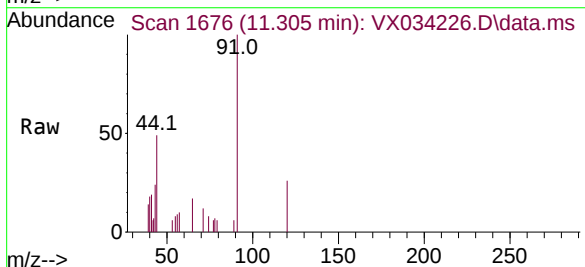
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

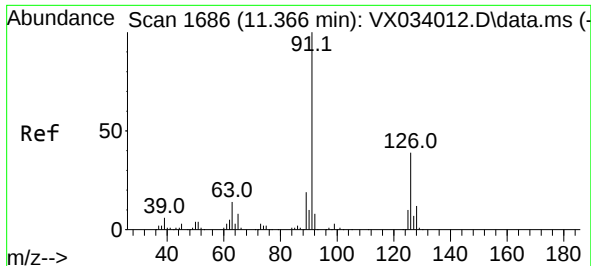
Tgt Ion:156 Resp: 306
Ion Ratio Lower Upper
156 100
77 163.4 68.1 204.3
158 93.5 48.0 144.2



#78
n-propylbenzene
Concen: 0.078 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 91 Resp: 1596
Ion Ratio Lower Upper
91 100
120 20.2 12.3 36.8

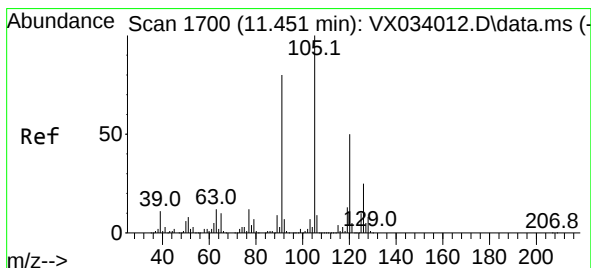
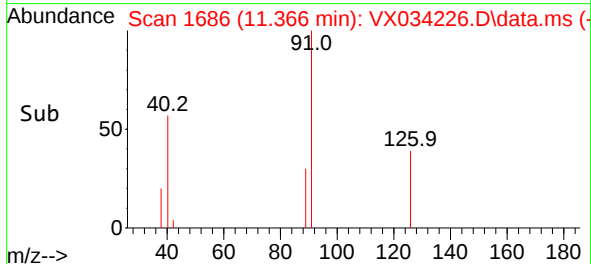
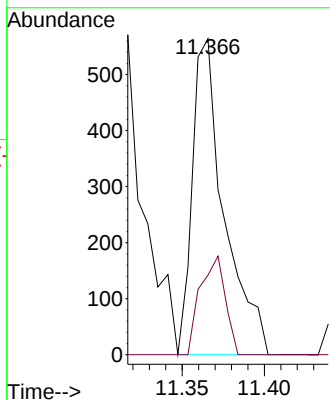
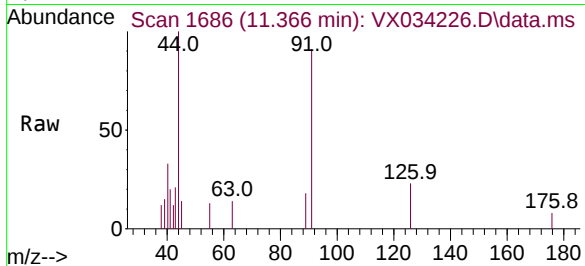




#79
2-Chlorotoluene
Concen: 0.061 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

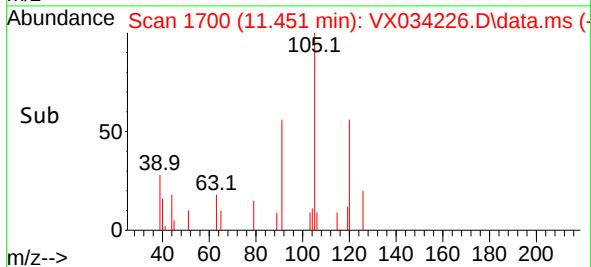
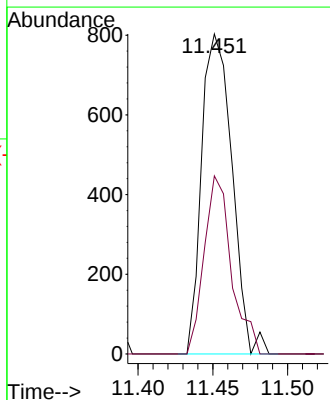
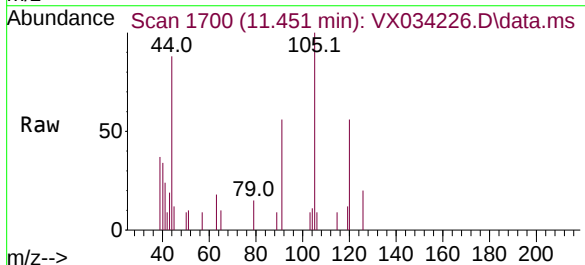
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

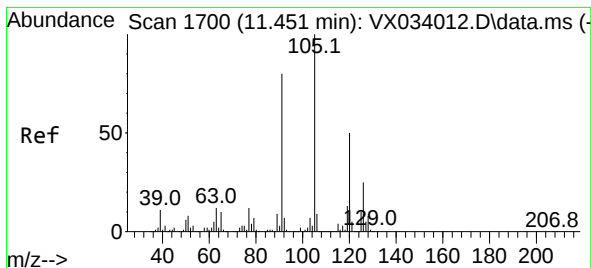
Tgt Ion: 91 Resp: 759
Ion Ratio Lower Upper
91 100
126 24.5 18.1 54.1



#80
1,3,5-Trimethylbenzene
Concen: 0.077 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 105 Resp: 1134
Ion Ratio Lower Upper
105 100
120 50.0 25.6 76.8

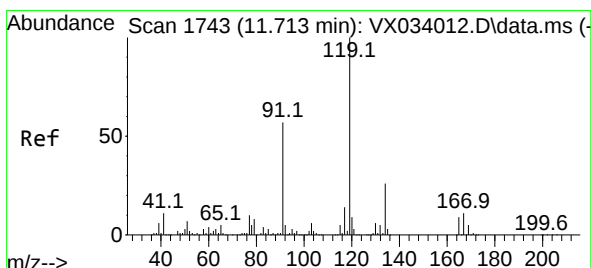
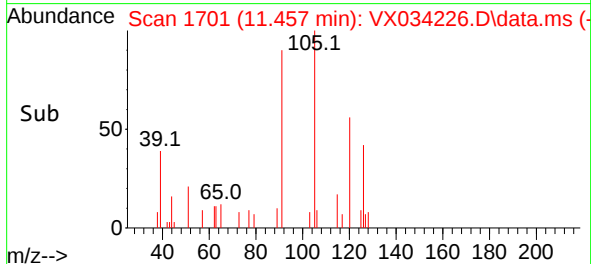
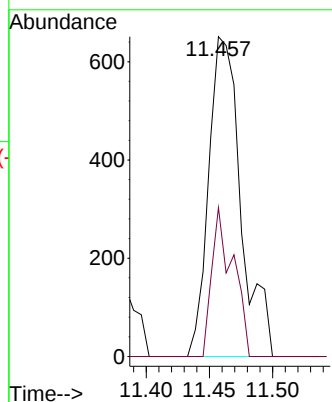
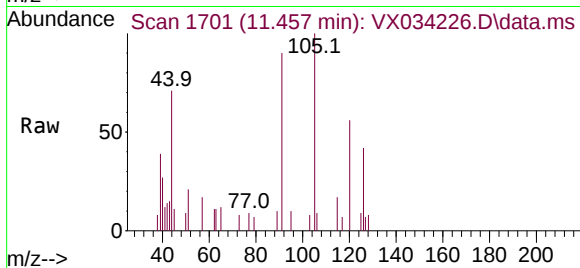




#82
4-Chlorotoluene
Concen: 0.081 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

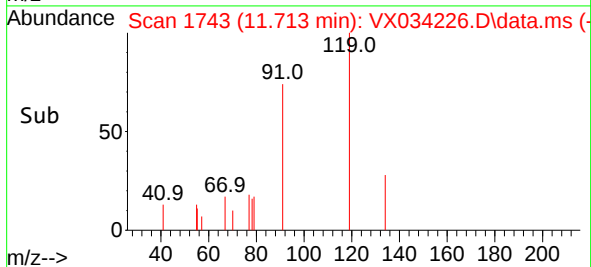
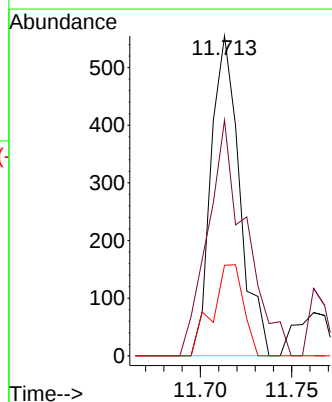
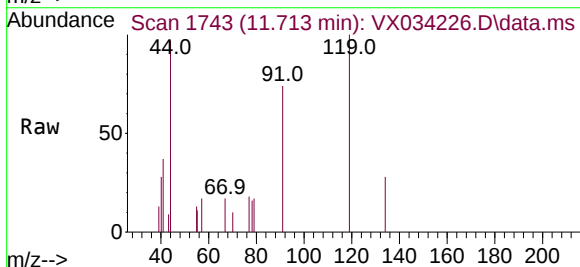
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

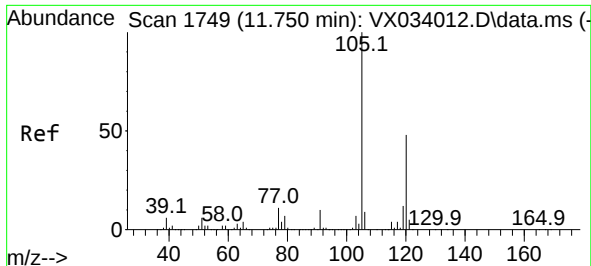
Tgt Ion: 91 Resp: 1154
Ion Ratio Lower Upper
91 100
126 30.7 15.8 47.4



#83
tert-Butylbenzene
Concen: 0.040 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 119 Resp: 605
Ion Ratio Lower Upper
119 100
91 97.5 26.9 80.7#
134 31.1 12.3 36.8

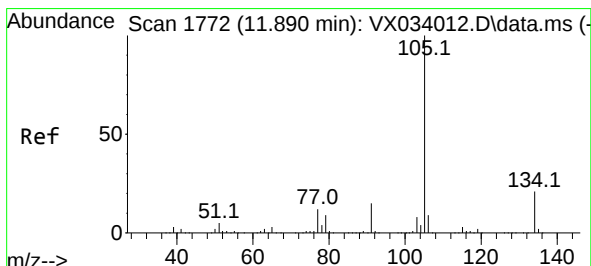
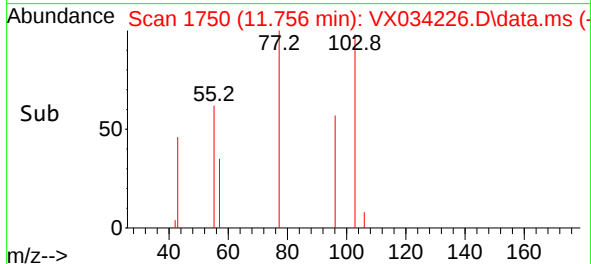
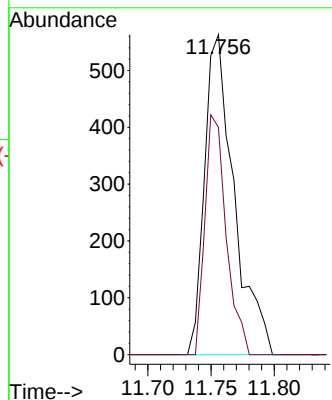
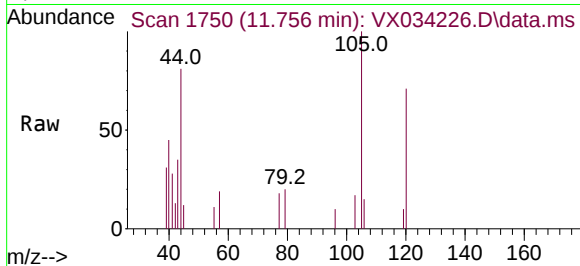




#84
1,2,4-Trimethylbenzene
Concen: 0.061 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

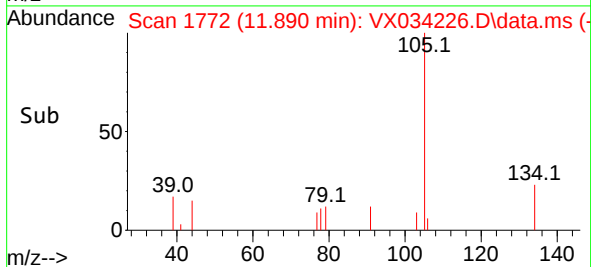
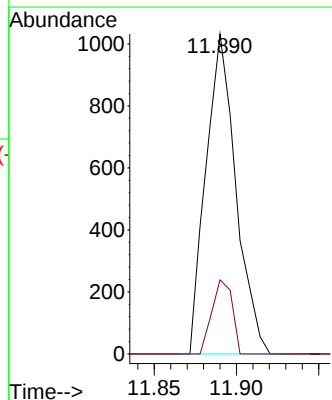
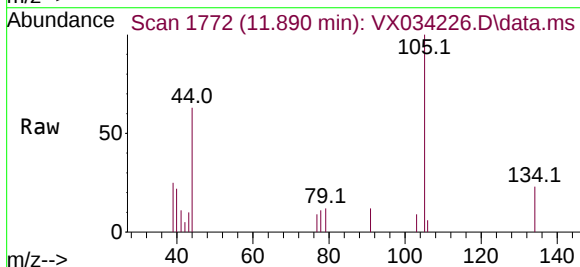
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

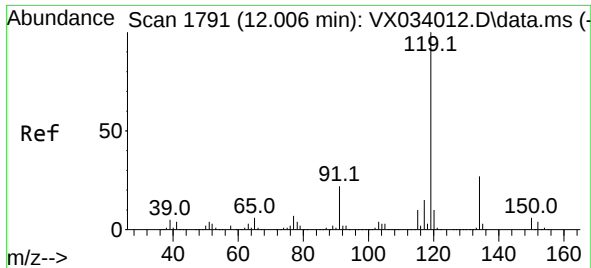
Tgt Ion:105 Resp: 913
Ion Ratio Lower Upper
105 100
120 54.2 23.4 70.2



#85
sec-Butylbenzene
Concen: 0.071 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:105 Resp: 1309
Ion Ratio Lower Upper
105 100
134 15.6 10.8 32.3

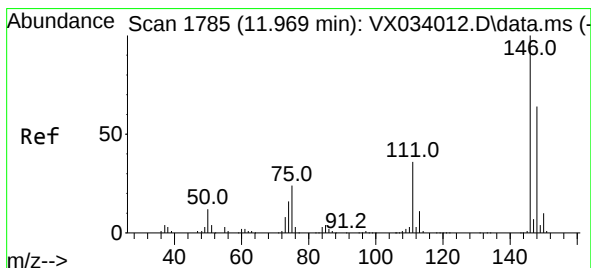
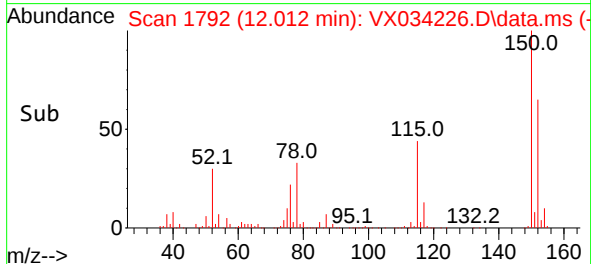
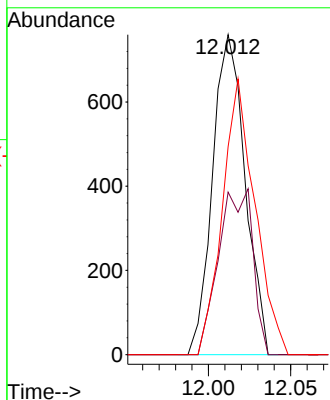
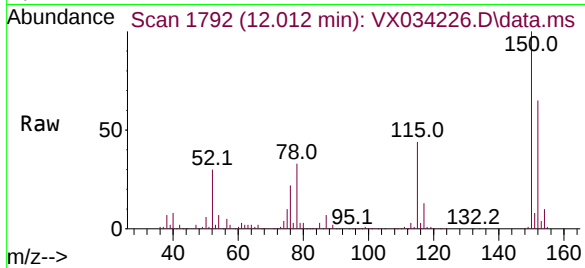




#86
p-Isopropyltoluene
Concen: 0.069 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

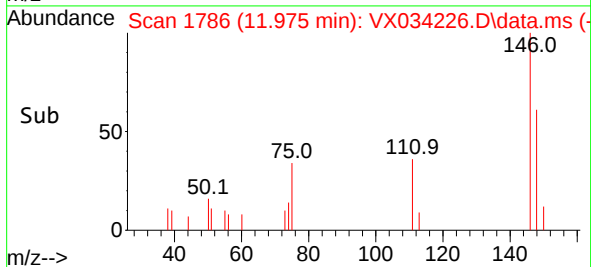
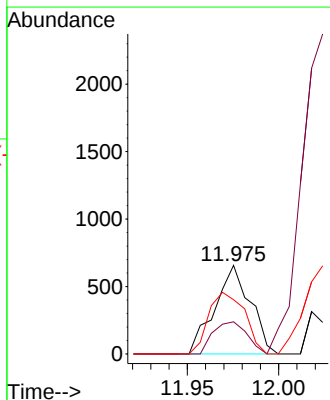
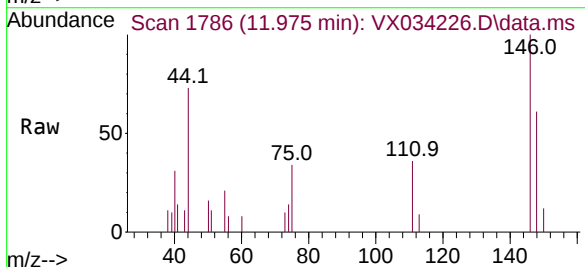
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

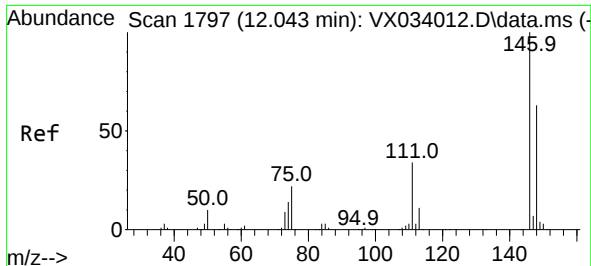
Tgt Ion:119 Resp: 1047
Ion Ratio Lower Upper
119 100
134 54.3 13.6 40.8#
91 86.2 11.0 33.0#



#87
1,3-Dichlorobenzene
Concen: 0.113 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:146 Resp: 892
Ion Ratio Lower Upper
146 100
111 34.5 18.6 55.6
148 70.6 31.9 95.5

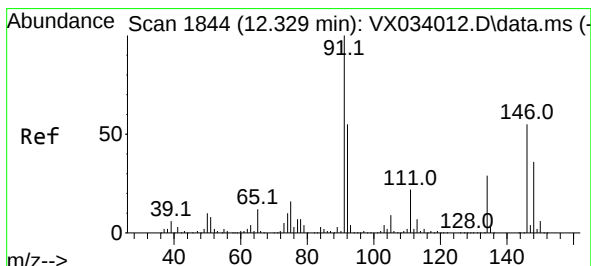
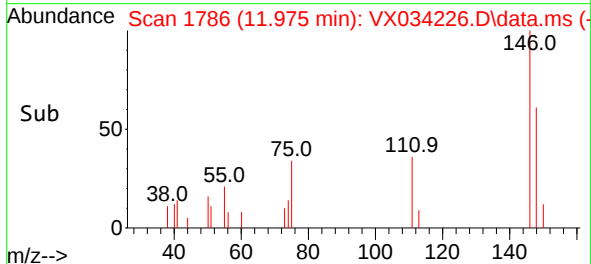
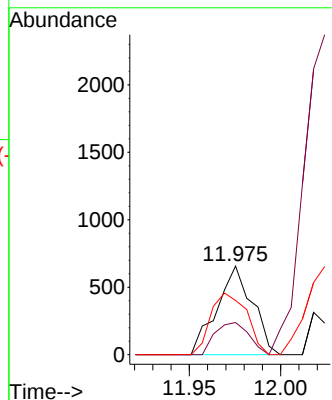
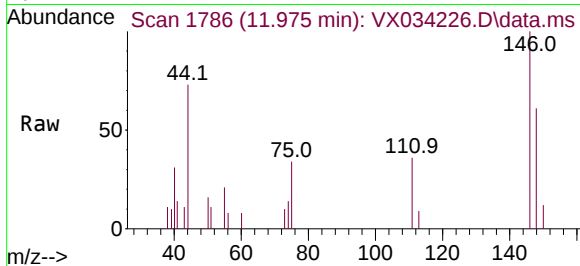




#88
1,4-Dichlorobenzene
Concen: 0.112 ug/l
RT: 11.975 min Scan# 11
Delta R.T. -0.067 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

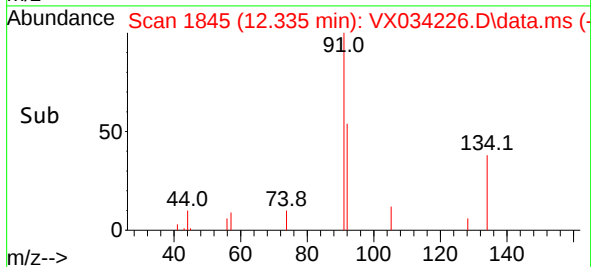
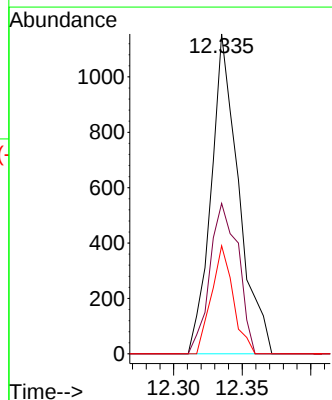
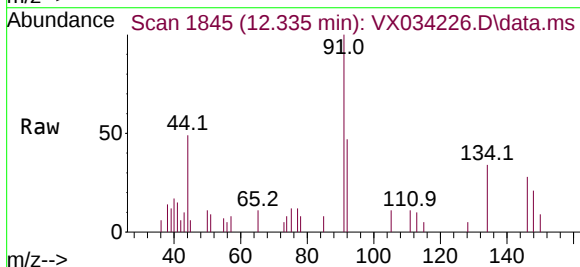
Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

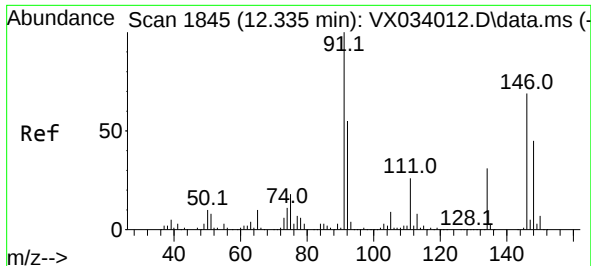
Tgt Ion:146 Resp: 892
Ion Ratio Lower Upper
146 100
111 34.5 17.8 53.4
148 70.6 32.1 96.3



#89
n-Butylbenzene
Concen: 0.119 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion: 91 Resp: 1615
Ion Ratio Lower Upper
91 100
92 48.4 27.5 82.5
134 26.5 14.3 42.9

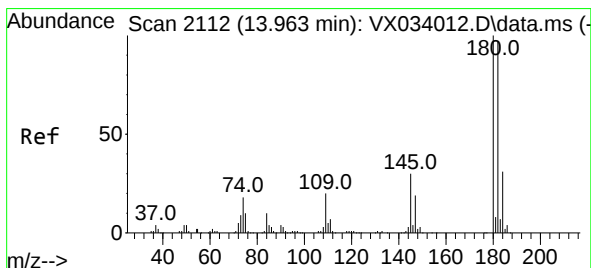
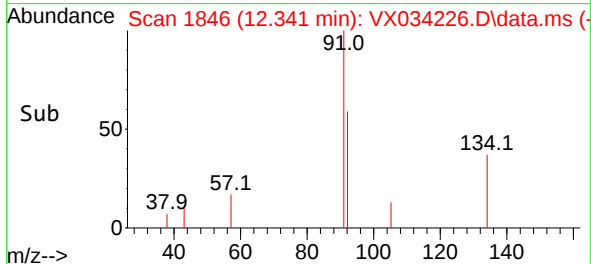
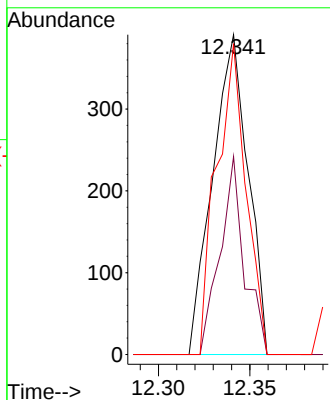
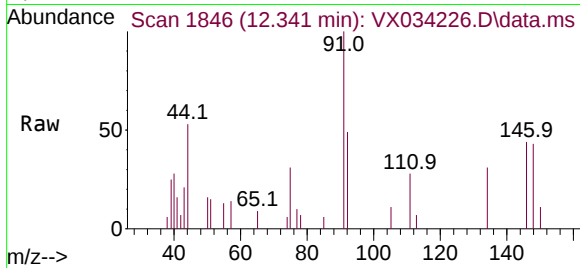




#91
1,2-Dichlorobenzene
Concen: 0.068 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Instrument :
MSVOA_X
ClientSampleId :
PB150999TB

Tgt Ion:146 Resp: 526
Ion Ratio Lower Upper
146 100
111 42.8 19.3 57.8
148 81.2 32.3 96.9



#96
1,2,3-Trichlorobenzene
Concen: 0.198 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX034226.D
Acq: 22 Feb 2023 14:13

Tgt Ion:180 Resp: 976
Ion Ratio Lower Upper
180 100
182 95.1 47.6 142.9
145 39.9 15.1 45.3

