

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030353.D
 Acq On : 02 Aug 2022 15:31
 Operator : JC/MD
 Sample : PB146634TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634TB

Quant Time: Aug 03 01:08:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

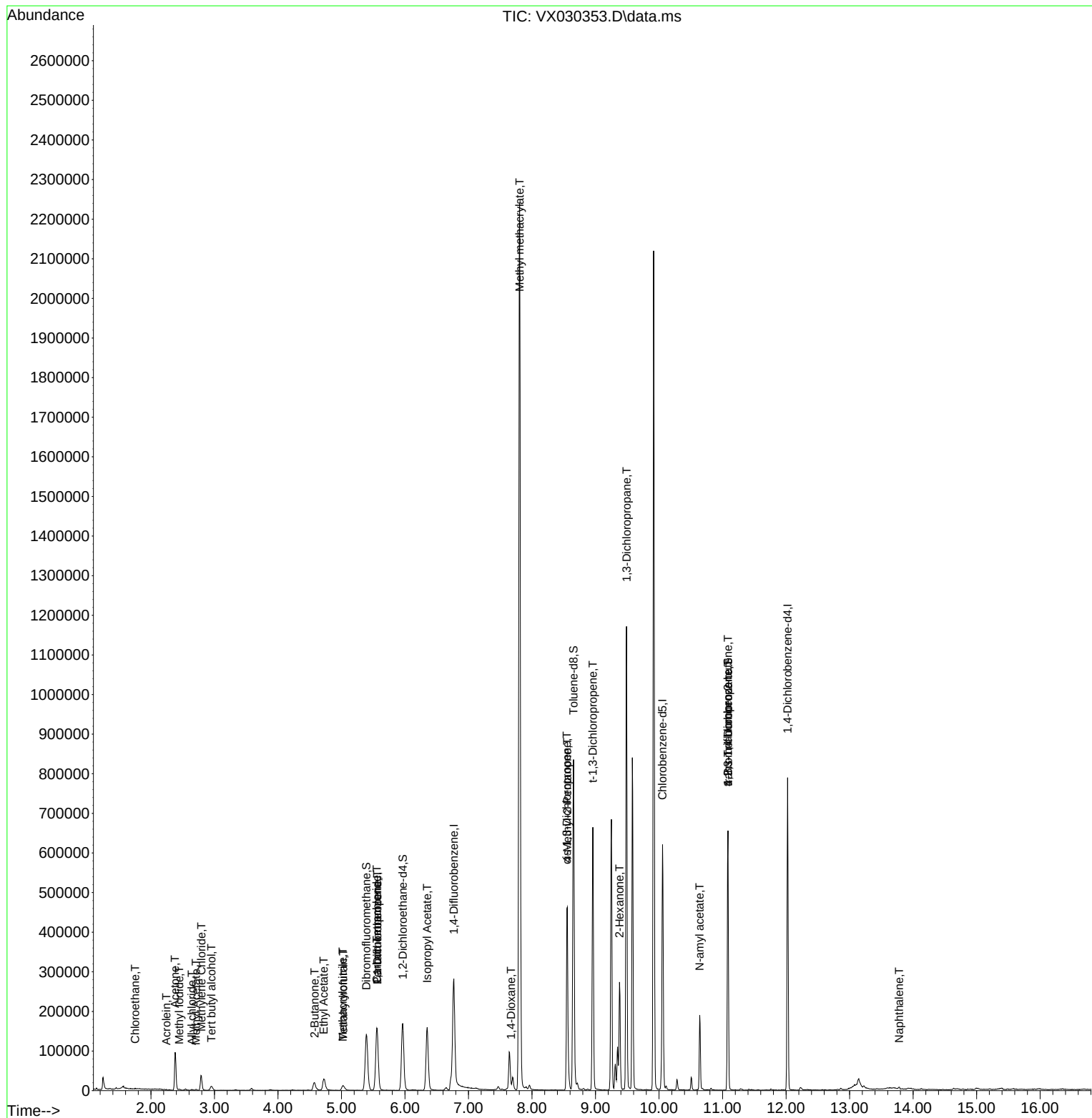
Internal Standards						
1) Pentafluorobenzene	5.562	168	152406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	158542	51.756	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.520%			
35) Dibromofluoromethane	5.391	113	128125	50.097	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.653	98	493753	49.851	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.700%			
62) 4-Bromofluorobenzene	11.085	95	174739	47.537	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.080%			
Target Compounds			Qvalue			
5) Bromomethane	1.605	94	625	Below Cal	#	69
6) Chloroethane	1.752	64	557	0.389	ug/l #	84
10) Methyl Iodide	2.447	142	341	1.664	ug/l #	53
11) Tert butyl alcohol	2.953	59	8223	11.005	ug/l #	95
13) Acrolein	2.239	56	89	0.485	ug/l #	76
14) Allyl chloride	2.642	41	2116	0.431	ug/l #	52
16) Acetone	2.379	43	97923	62.439	ug/l	100
18) Methyl Acetate	2.709	43	2732	0.589	ug/l	93
20) Methylene Chloride	2.794	84	16564	3.820	ug/l	96
25) 2-Butanone	4.574	43	34308	13.018	ug/l	97
29) Tetrahydrofuran	5.025	42	12433	7.012	ug/l	95
36) 1,1-Dichloropropene	5.562	75	11853	3.220	ug/l #	47
37) Ethyl Acetate	4.721	43	53804	10.323	ug/l	98
38) Carbon Tetrachloride	5.556	117	14580	4.243	ug/l #	19
41) Methacrylonitrile	5.019	41	6700	2.398	ug/l #	46
43) Isopropyl Acetate	6.348	43	219058	28.670	ug/l	97
48) Methyl methacrylate	7.805	41	189083	50.277	ug/l #	41
49) 1,4-Dioxane	7.671	88	568	6.539	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	171760	33.112	ug/l #	52
53) t-1,3-Dichloropropene	8.958	75	1425	0.346	ug/l #	42
54) cis-1,3-Dichloropropene	8.549	75	75086	16.740	ug/l #	62
57) 1,3-Dichloropropane	9.488	76	10242	2.063	ug/l #	43
59) 2-Hexanone	9.378	43	215714	52.711	ug/l #	24
67) Ethyl Benzene	10.201	91	506	Below Cal	#	83
74) N-amyl acetate	10.640	43	49087	8.340	ug/l #	53
76) 1,2,3-Trichloropropane	11.085	75	86706	21.204	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	86706	63.609	ug/l #	13
95) Naphthalene	13.780	128	3554	0.289	ug/l	99

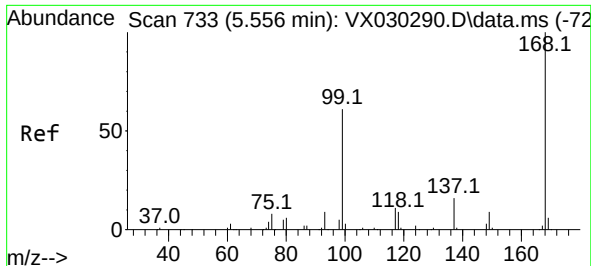
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
Data File : VX030353.D
Acq On : 02 Aug 2022 15:31
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

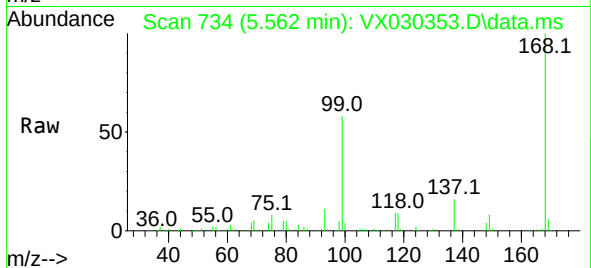
Quant Time: Aug 03 01:08:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration



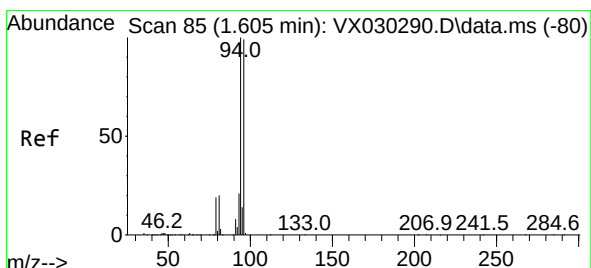
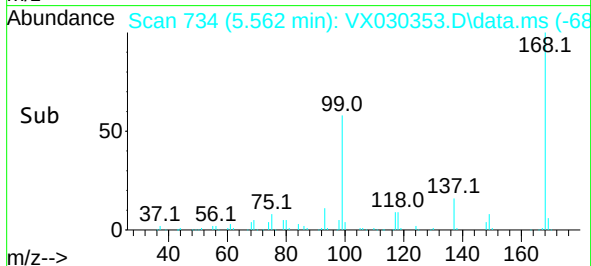
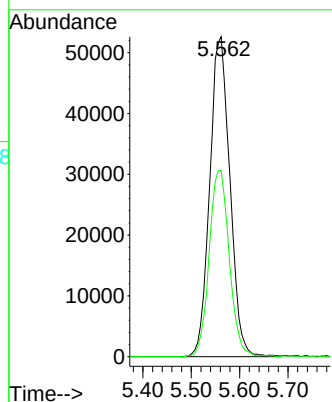


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

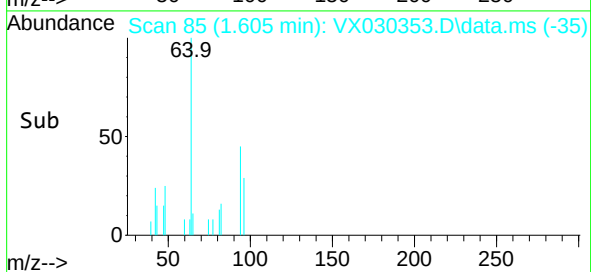
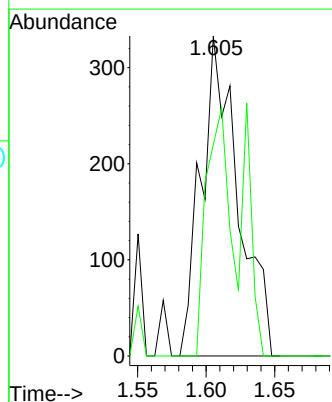
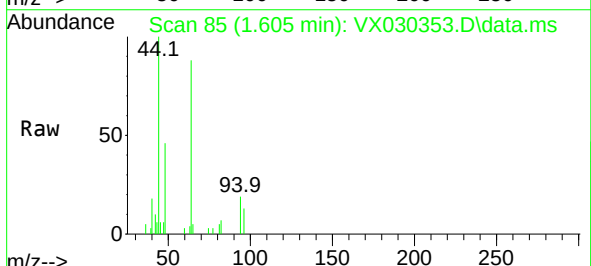


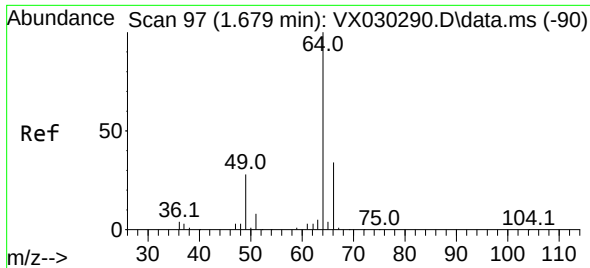
Tgt Ion:168 Resp: 152406
Ion Ratio Lower Upper
168 100
99 58.2 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 94 Resp: 625
Ion Ratio Lower Upper
94 100
96 66.1 76.9 115.3#

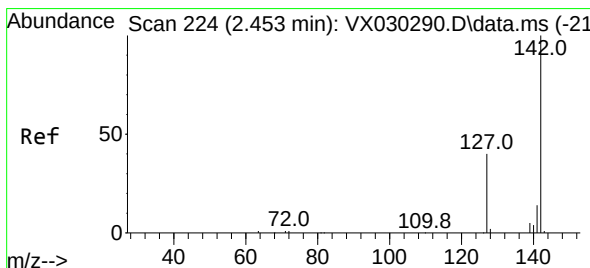
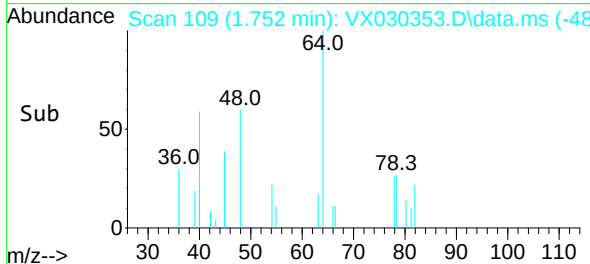
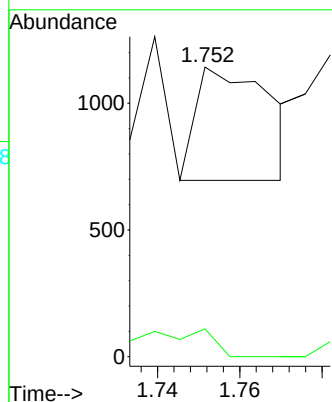
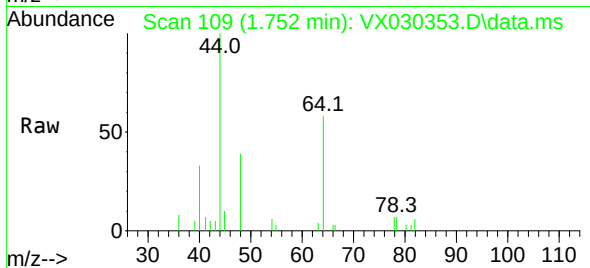




#6
Chloroethane
Concen: 0.389 ug/l
RT: 1.752 min Scan# 109
Delta R.T. 0.074 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

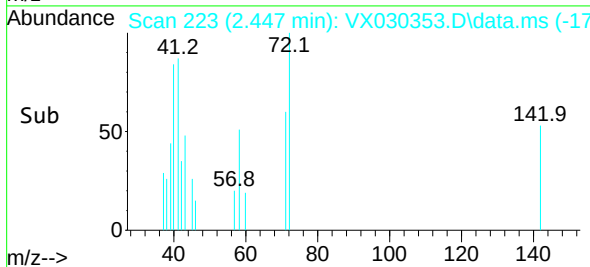
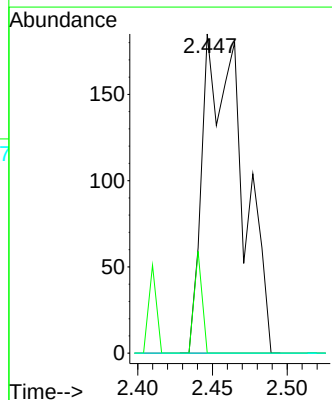
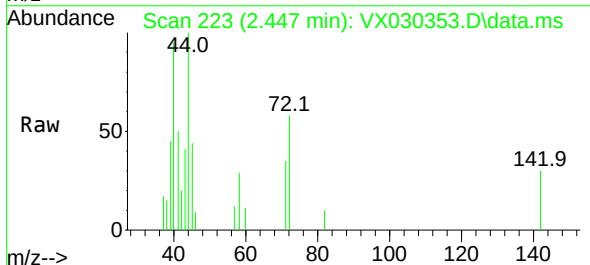
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

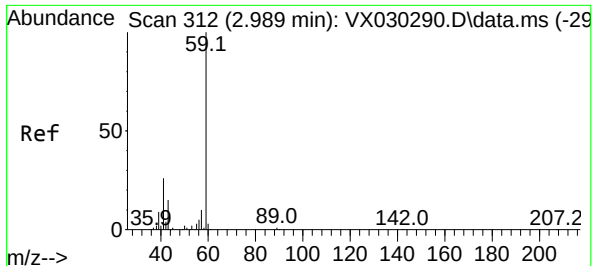
Tgt Ion: 64 Resp: 557
Ion Ratio Lower Upper
64 100
66 24.6 27.2 40.8#



#10
Methyl Iodide
Concen: 1.664 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.001 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 142 Resp: 341
Ion Ratio Lower Upper
142 100
127 6.5 30.2 45.2#
141 0.0 11.3 16.9#

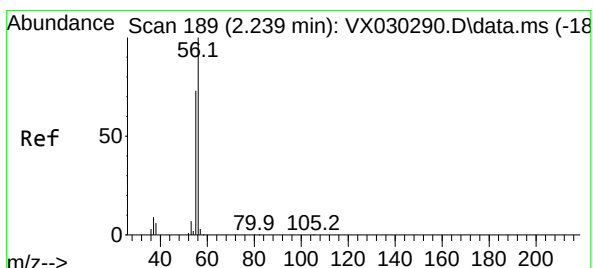
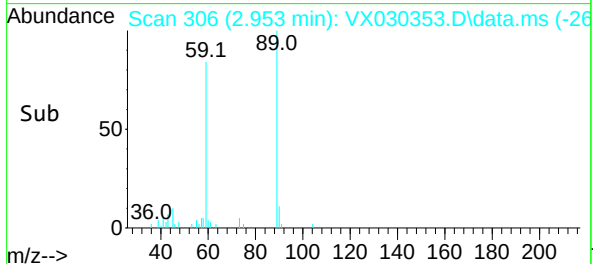
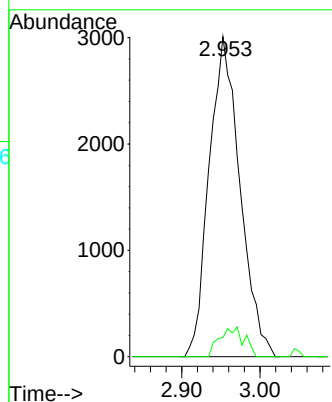
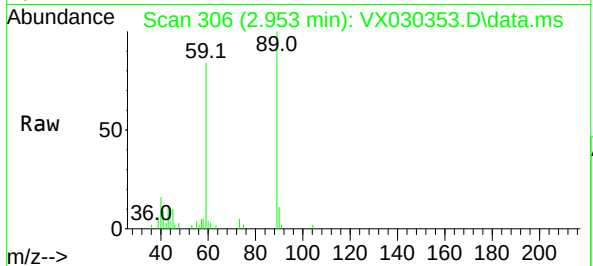




#11
Tert butyl alcohol
Concen: 11.005 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

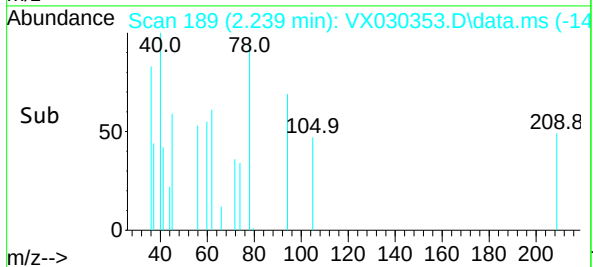
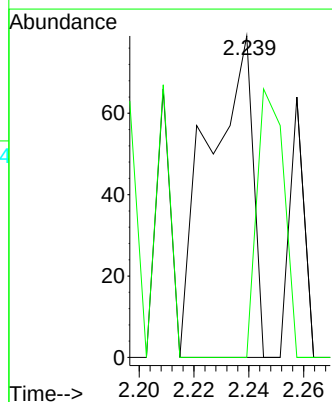
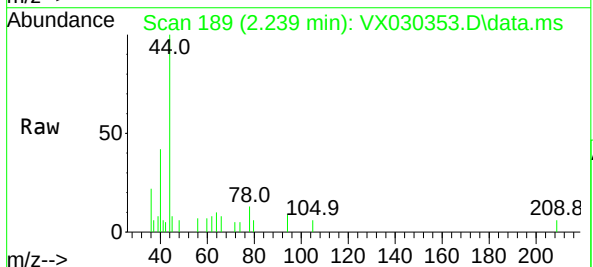
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

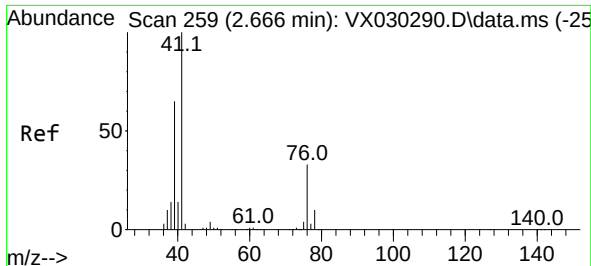
Tgt Ion: 59 Resp: 8223
Ion Ratio Lower Upper
59 100
57 7.4 7.4 11.2#



#13
Acrolein
Concen: 0.485 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 56 Resp: 89
Ion Ratio Lower Upper
56 100
55 50.6 56.6 84.8#

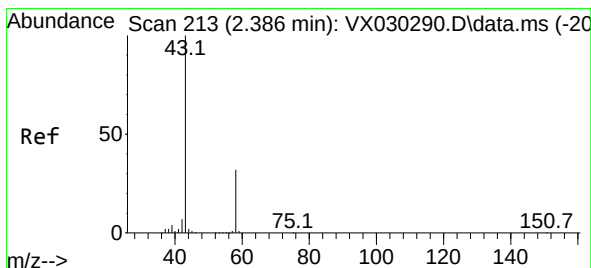
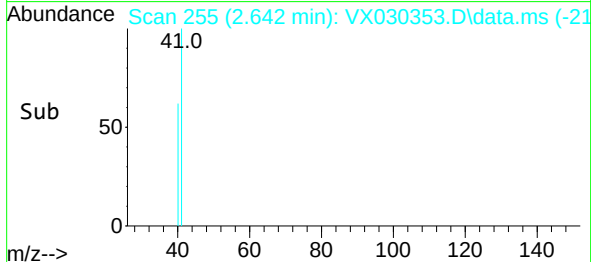
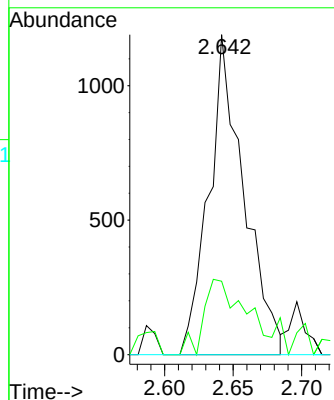
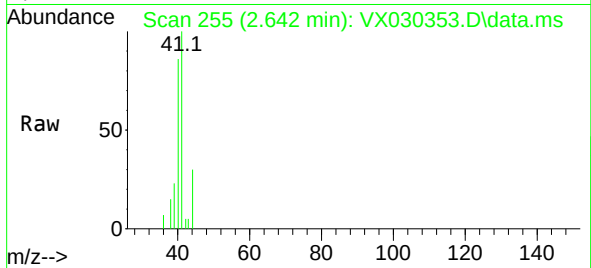




#14
 Allyl chloride
 Concen: 0.431 ug/l
 RT: 2.642 min Scan# 2116
 Delta R.T. -0.024 min
 Lab File: VX030353.D
 Acq: 02 Aug 2022 15:31

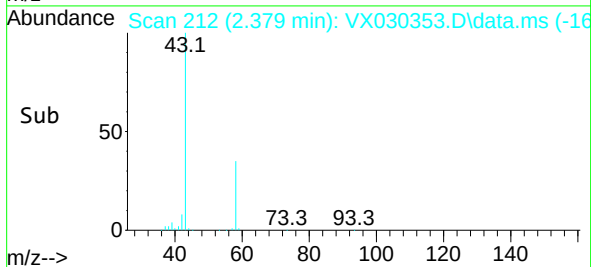
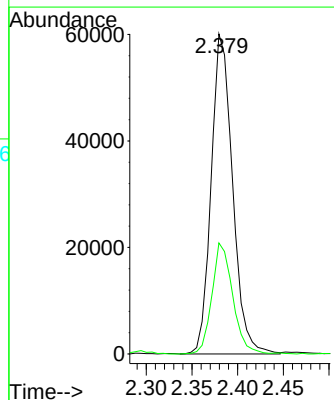
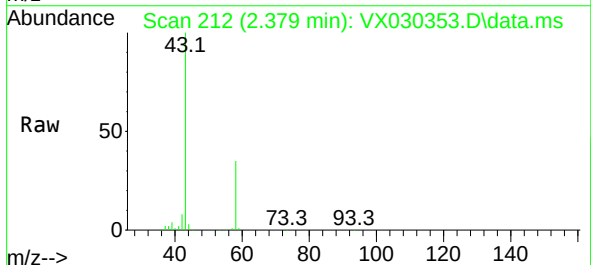
Instrument :
 MSVOA_X
 ClientSampleId :
 PB146634TB

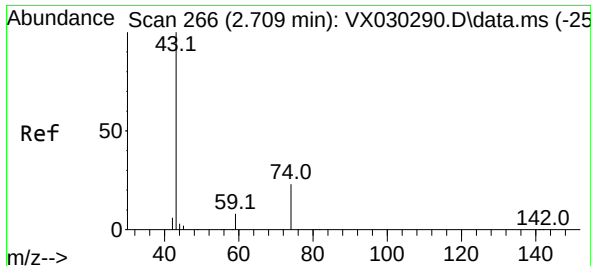
Tgt Ion: 41 Resp: 2116
 Ion Ratio Lower Upper
 41 100
 39 28.5 48.9 73.3#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 62.439 ug/l
 RT: 2.379 min Scan# 212
 Delta R.T. -0.006 min
 Lab File: VX030353.D
 Acq: 02 Aug 2022 15:31

Tgt Ion: 43 Resp: 97923
 Ion Ratio Lower Upper
 43 100
 58 34.7 27.7 41.5





#18

Methyl Acetate

Concen: 0.589 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.001 min

Lab File: VX030353.D

Acq: 02 Aug 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

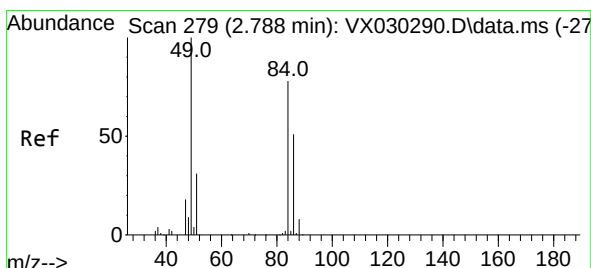
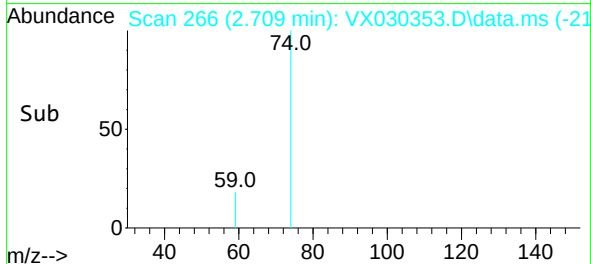
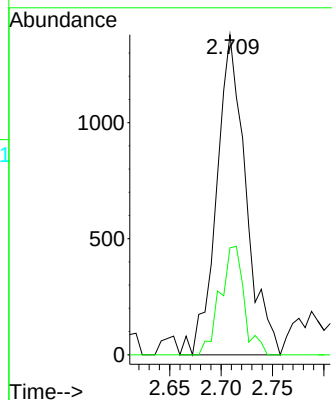
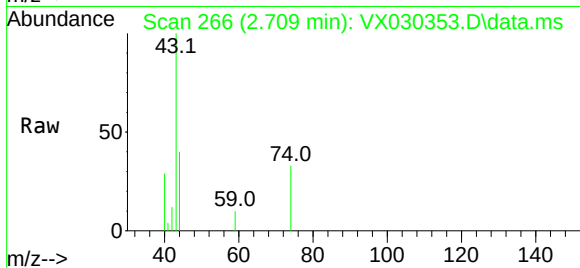
PB146634TB

Tgt Ion: 43 Resp: 2732

Ion Ratio Lower Upper

43 100

74 27.6 19.4 29.2



#20

Methylene Chloride

Concen: 3.820 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX030353.D

Acq: 02 Aug 2022 15:31

Tgt Ion: 84 Resp: 16564

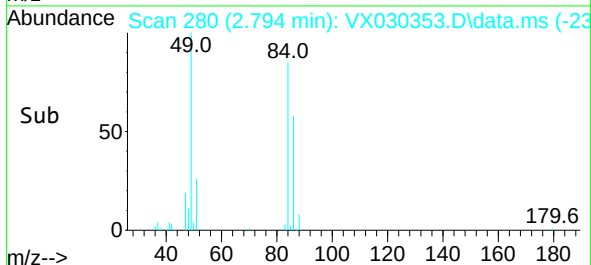
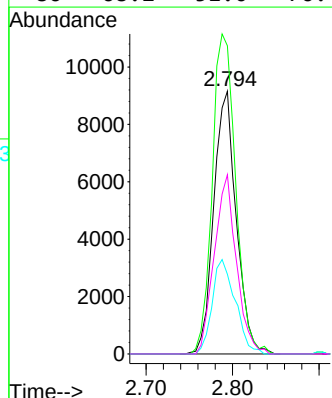
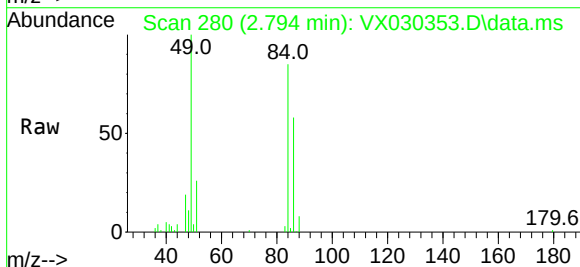
Ion Ratio Lower Upper

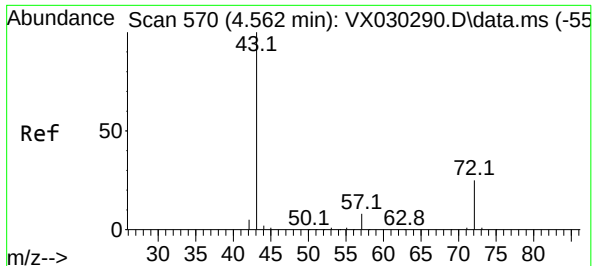
84 100

49 117.3 93.8 140.6

51 30.3 29.4 44.0

86 68.2 51.0 76.4





#25

2-Butanone

Concen: 13.018 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030353.D

Acq: 02 Aug 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

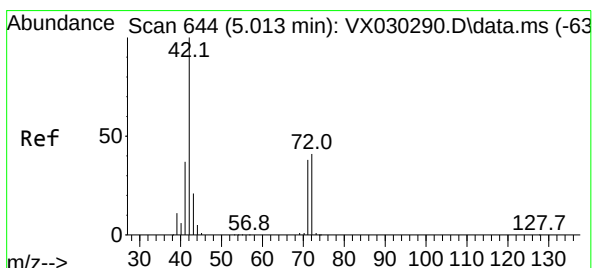
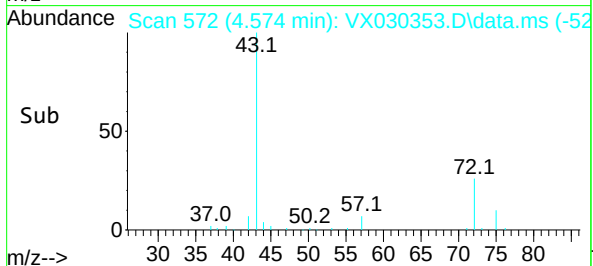
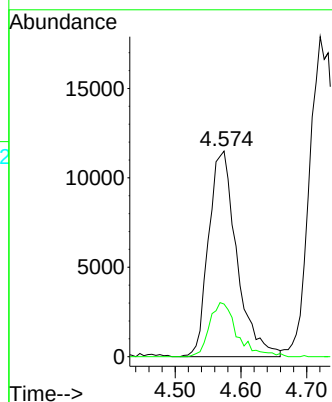
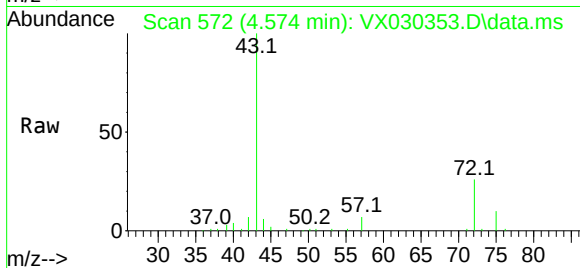
PB146634TB

Tgt Ion: 43 Resp: 34308

Ion Ratio Lower Upper

43 100

72 25.6 21.7 32.5



#29

Tetrahydrofuran

Concen: 7.012 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.012 min

Lab File: VX030353.D

Acq: 02 Aug 2022 15:31

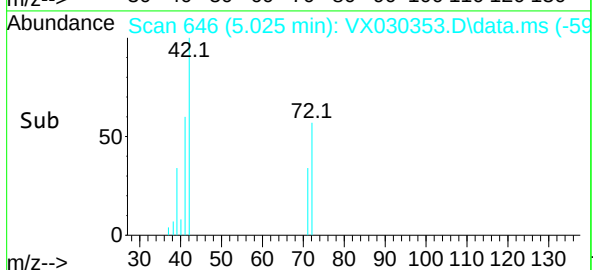
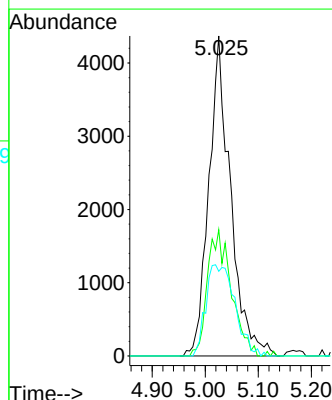
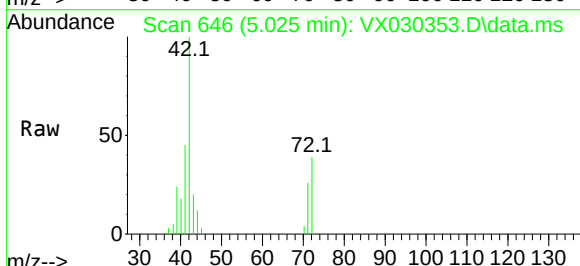
Tgt Ion: 42 Resp: 12433

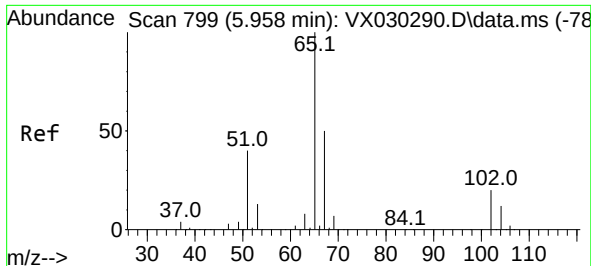
Ion Ratio Lower Upper

42 100

72 43.4 36.5 54.7

71 38.1 33.9 50.9

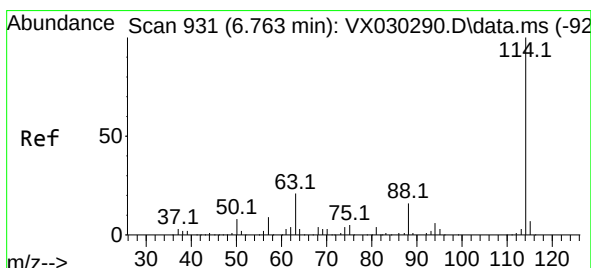
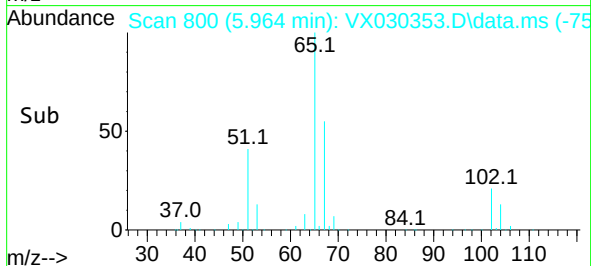
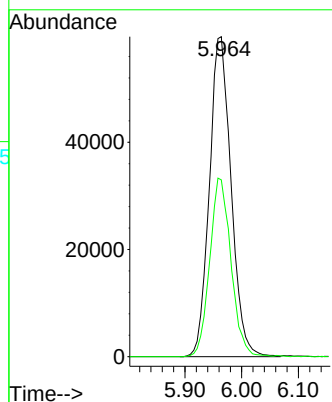
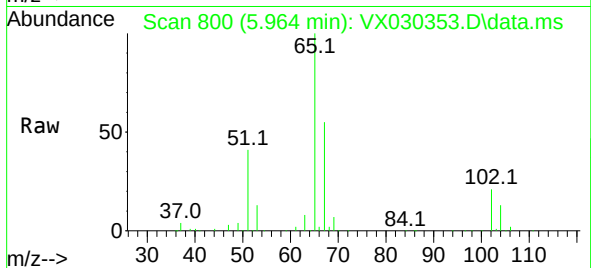




#33
 1,2-Dichloroethane-d4
 Concen: 51.756 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VX030353.D
 Acq: 02 Aug 2022 15:31

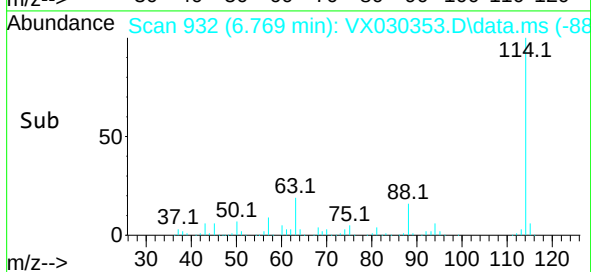
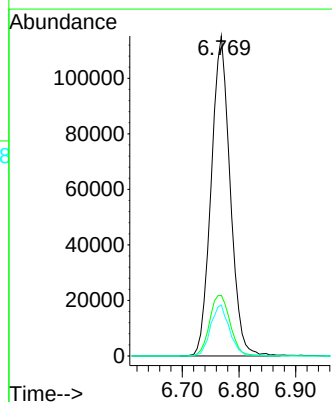
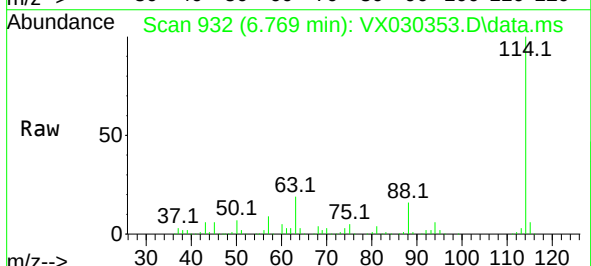
Instrument :
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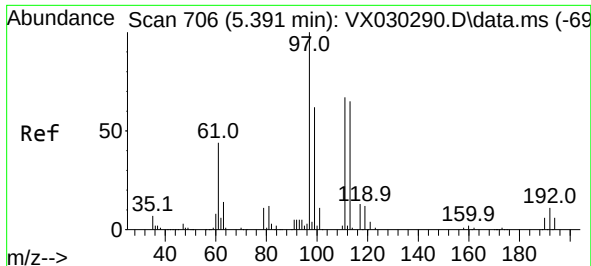
Tgt Ion: 65 Resp: 158542
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX030353.D
 Acq: 02 Aug 2022 15:31

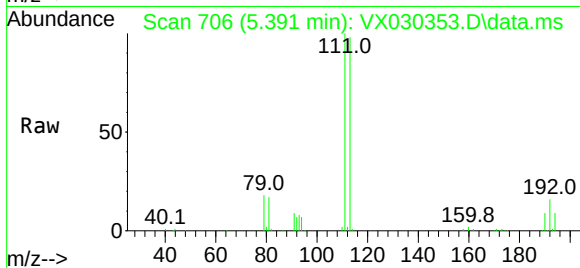
Tgt Ion: 114 Resp: 267541
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.4
 88 16.0 0.0 31.8



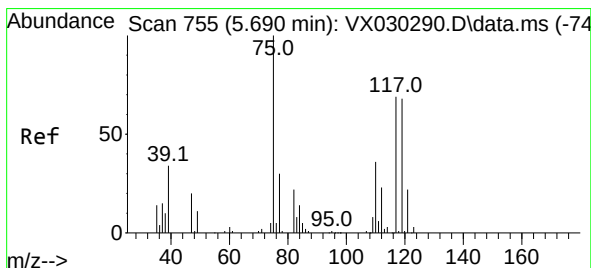
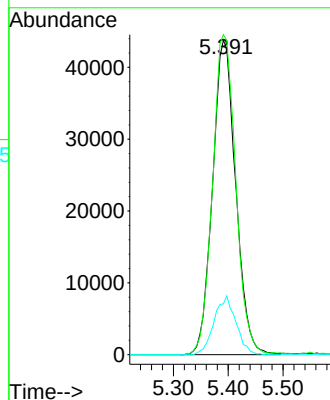
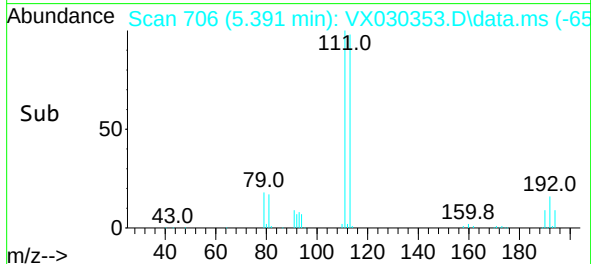


#35
Dibromofluoromethane
Concen: 50.097 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

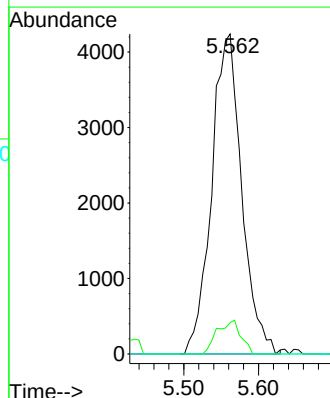
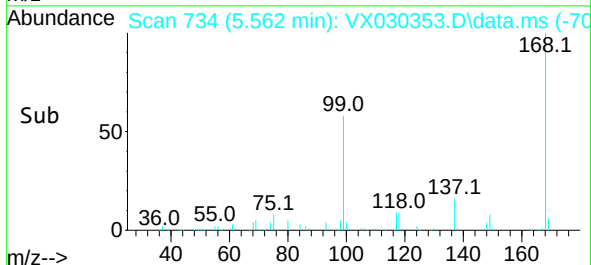
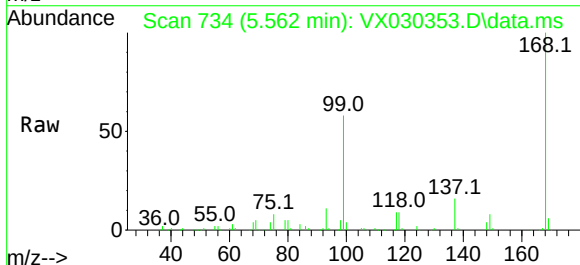


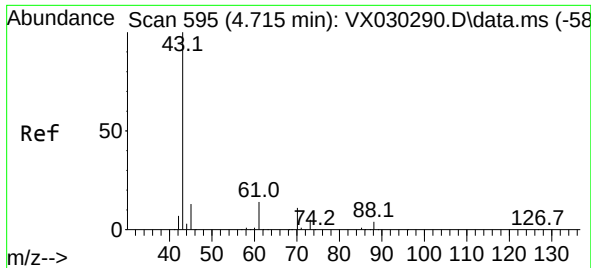
Tgt Ion:113 Resp: 128125
Ion Ratio Lower Upper
113 100
111 101.9 83.2 124.8
192 17.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.220 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 75 Resp: 11853
Ion Ratio Lower Upper
75 100
110 8.3 19.3 57.9#
77 0.0 24.4 36.6#

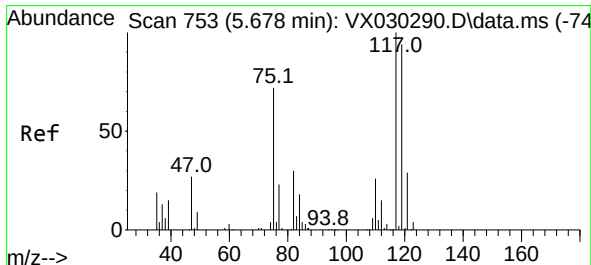
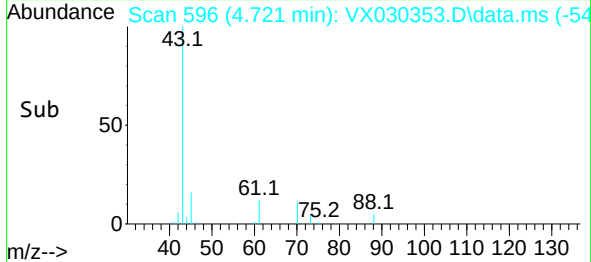
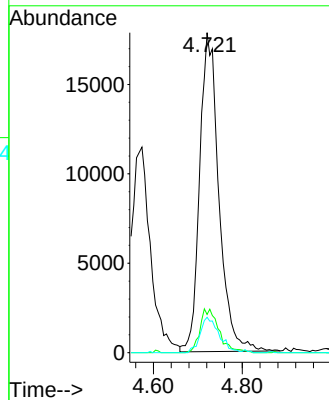
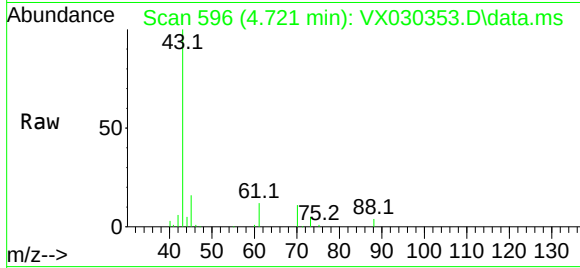




#37
Ethyl Acetate
Concen: 10.323 ug/l
RT: 4.721 min Scan# 595
Delta R.T. 0.001 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

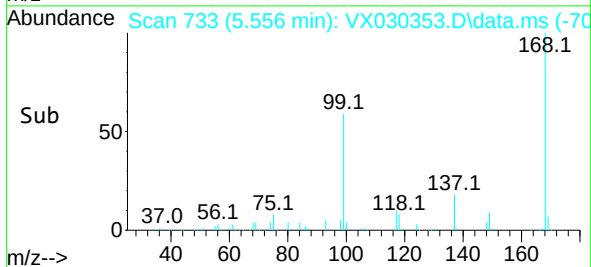
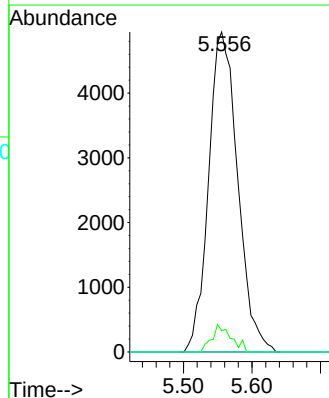
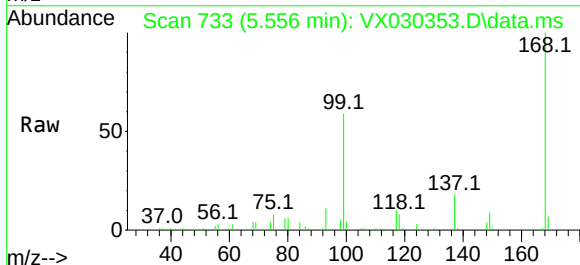
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

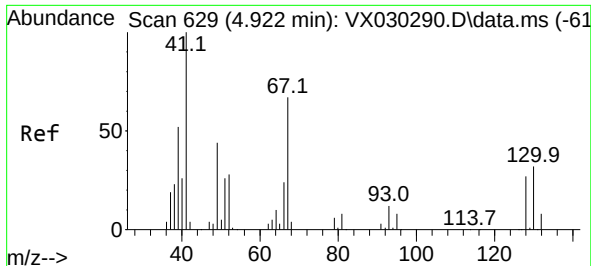
Tgt Ion: 43 Resp: 53804
Ion Ratio Lower Upper
43 100
61 13.6 11.7 17.5
70 10.8 9.3 13.9



#38
Carbon Tetrachloride
Concen: 4.243 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 117 Resp: 14580
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#

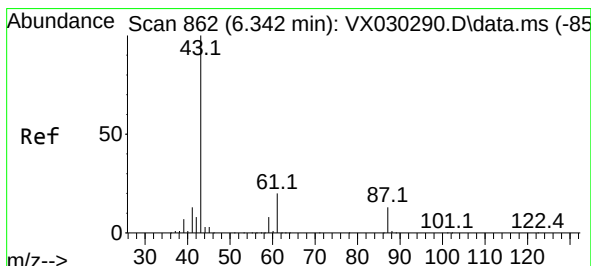
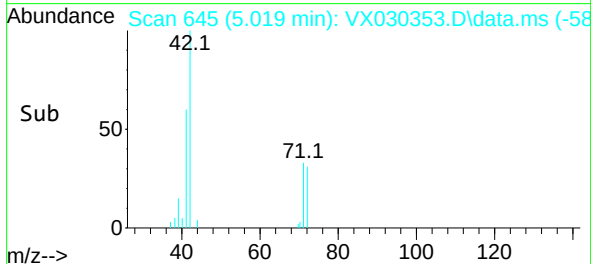
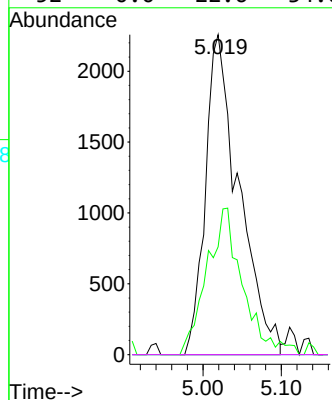
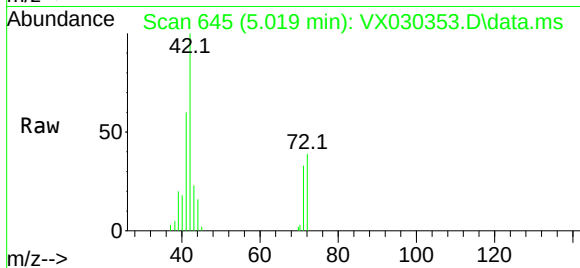




#41
Methacrylonitrile
Concen: 2.398 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.091 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

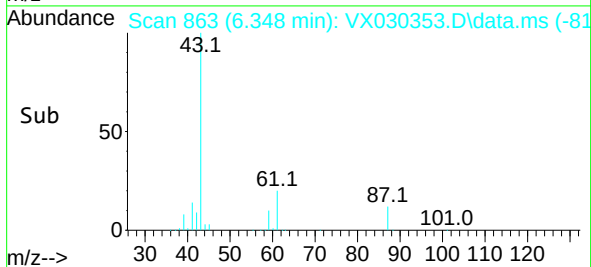
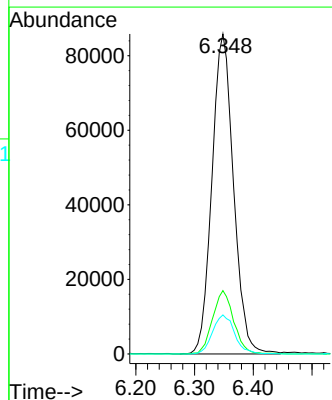
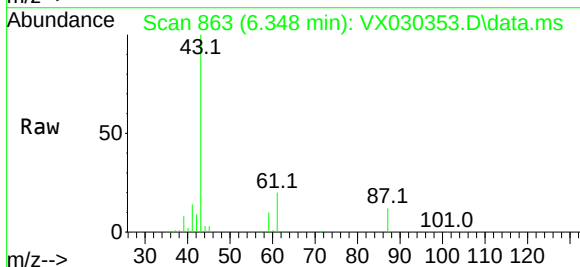
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

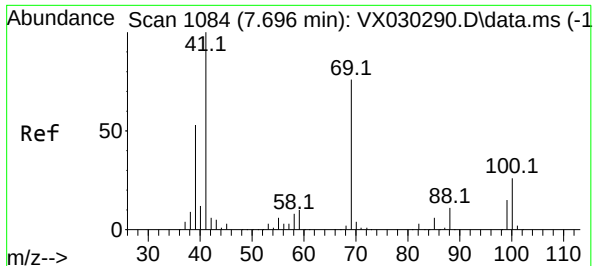
Tgt Ion:	41	Resp:	6700
Ion	Ratio	Lower	Upper
41	100		
39	49.3	42.9	64.3
67	0.0	60.1	90.1#
52	0.0	22.6	34.0#



#43
Isopropyl Acetate
Concen: 28.670 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion:	43	Resp:	219058
Ion	Ratio	Lower	Upper
43	100		
61	19.3	16.5	24.7
87	12.5	11.1	16.7





#48

Methyl methacrylate

Concen: 50.277 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.110 min

Lab File: VX030353.D

Acq: 02 Aug 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

PB146634TB

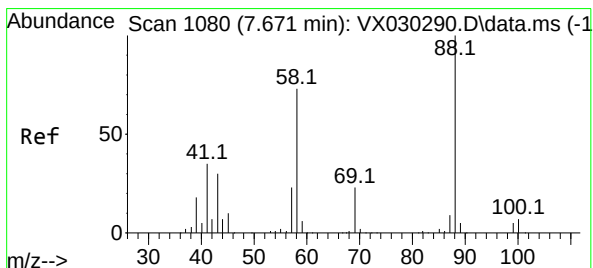
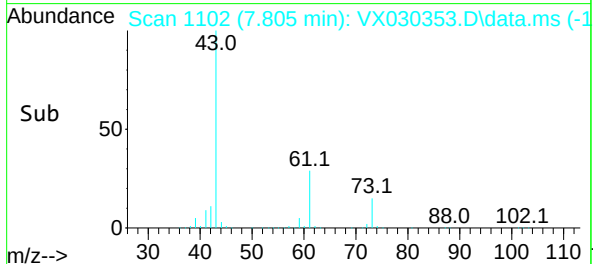
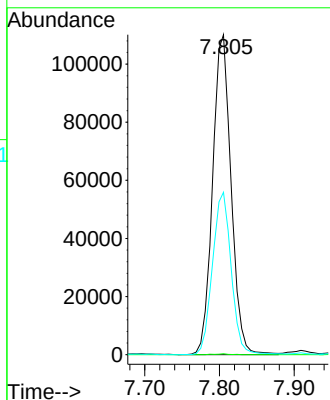
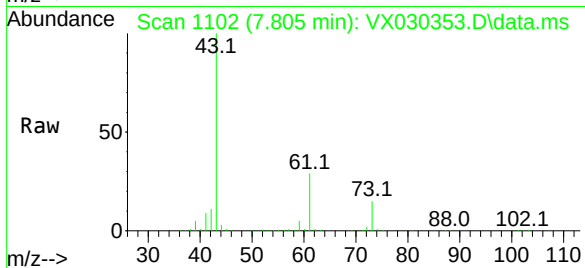
Tgt Ion: 41 Resp: 189083

Ion Ratio Lower Upper

41 100

69 0.2 68.8 103.2#

39 51.6 44.6 66.8



#49

1,4-Dioxane

Concen: 6.539 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX030353.D

Acq: 02 Aug 2022 15:31

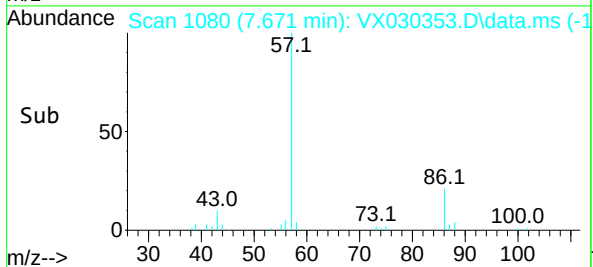
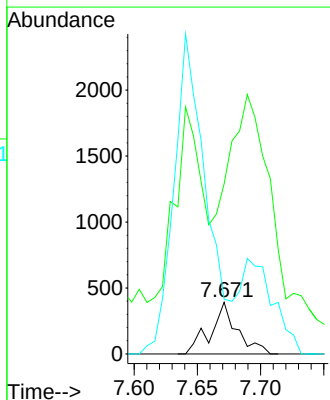
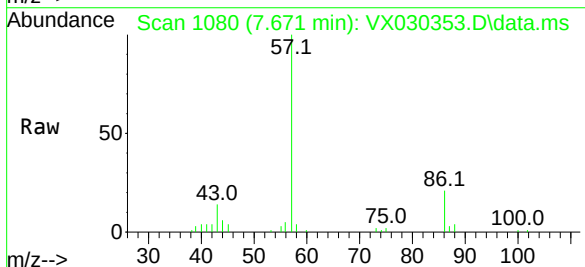
Tgt Ion: 88 Resp: 568

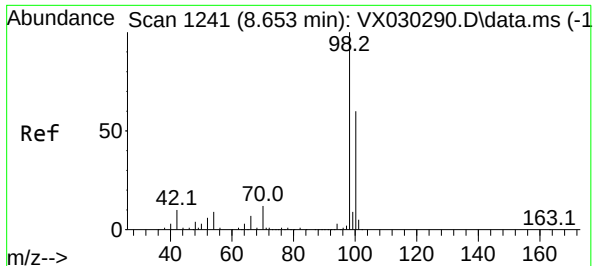
Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.8#

58 232.4 53.8 80.6#

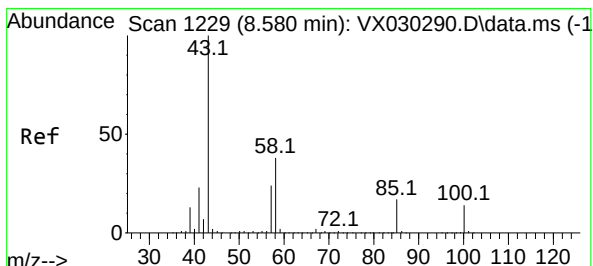
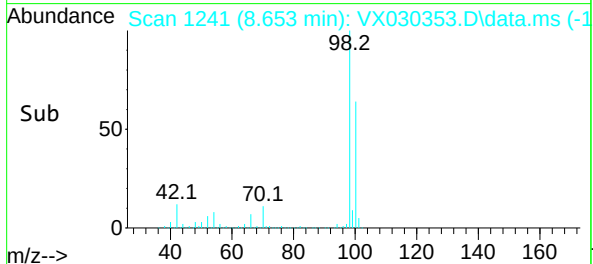
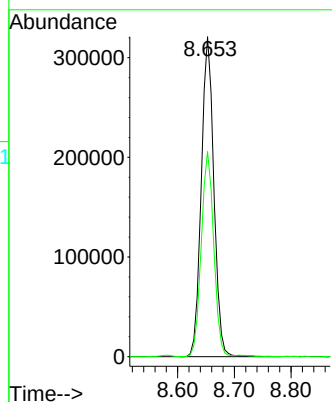
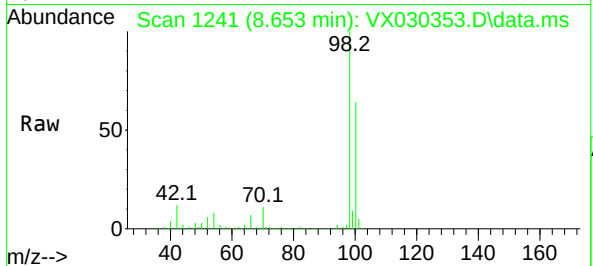




#50
Toluene-d8
Concen: 49.851 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

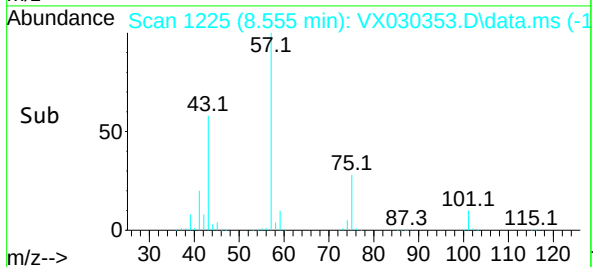
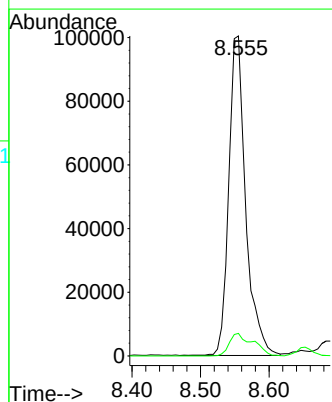
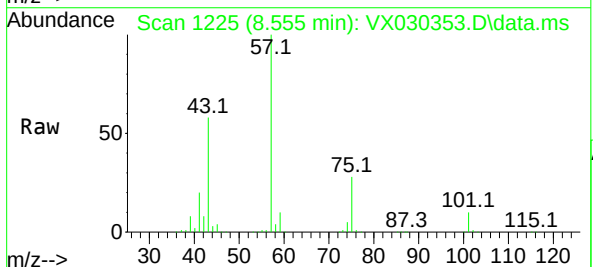
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

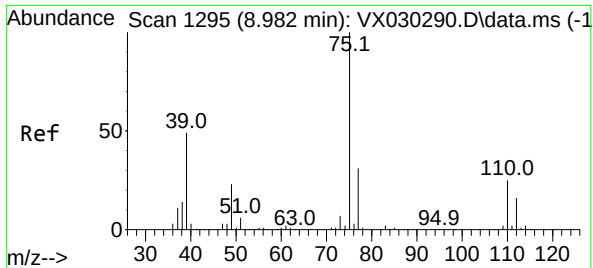
Tgt Ion: 98 Resp: 493753
Ion Ratio Lower Upper
98 100
100 63.5 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 33.112 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.024 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 43 Resp: 171760
Ion Ratio Lower Upper
43 100
58 10.0 31.4 47.2#

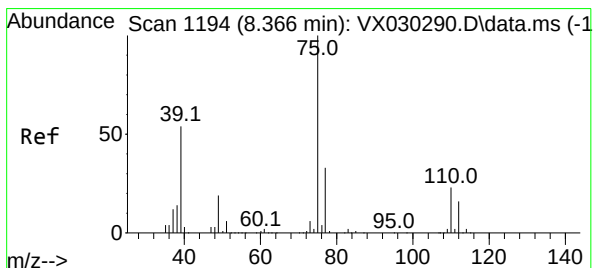
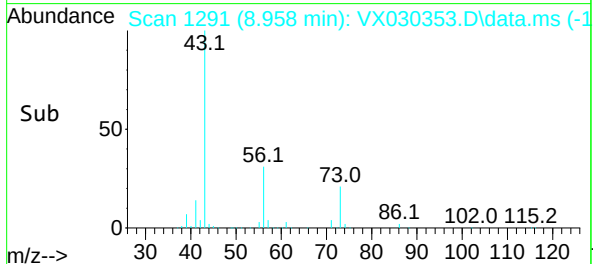
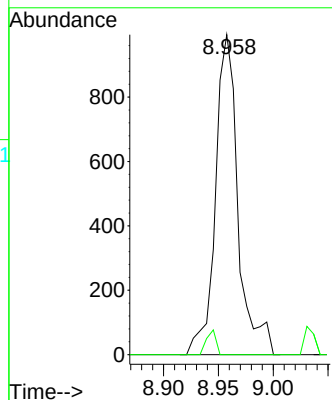
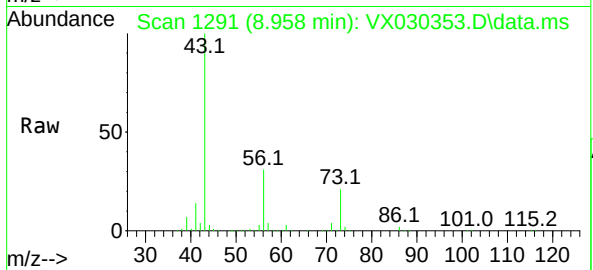




#53
t-1,3-Dichloropropene
Concen: 0.346 ug/l
RT: 8.958 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

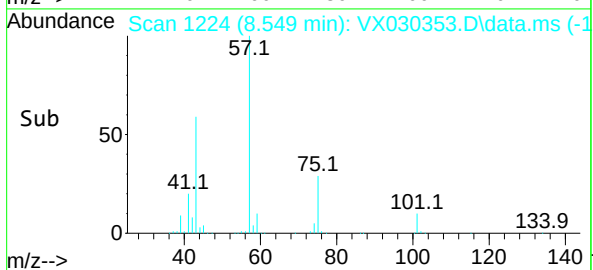
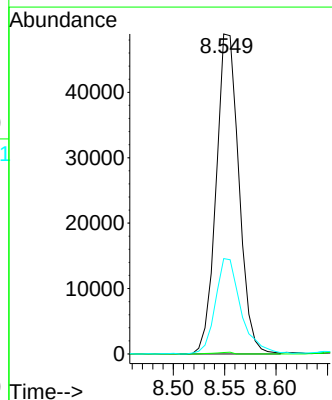
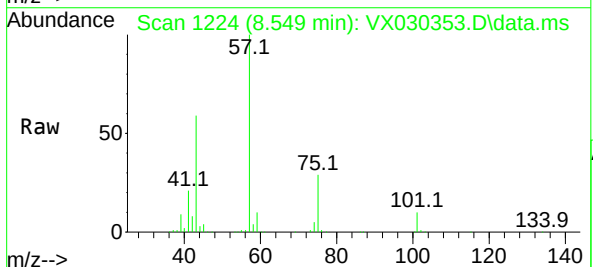
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

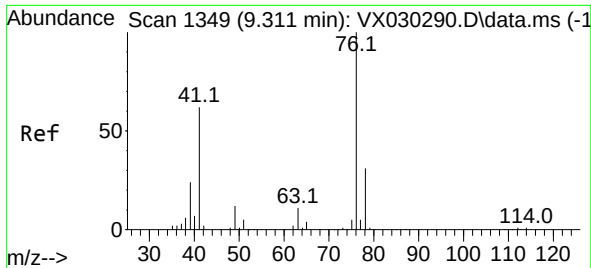
Tgt Ion: 75 Resp: 1425
Ion Ratio Lower Upper
75 100
77 0.0 26.3 39.5#



#54
cis-1,3-Dichloropropene
Concen: 16.740 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.177 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 75 Resp: 75086
Ion Ratio Lower Upper
75 100
77 0.5 25.0 37.4#
39 29.8 37.5 56.3#

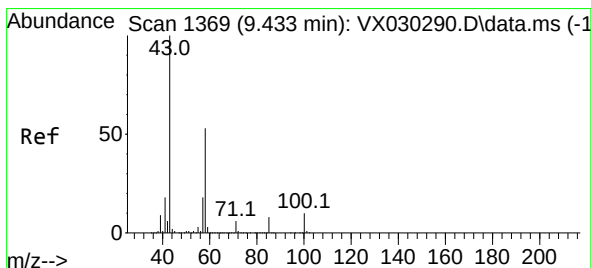
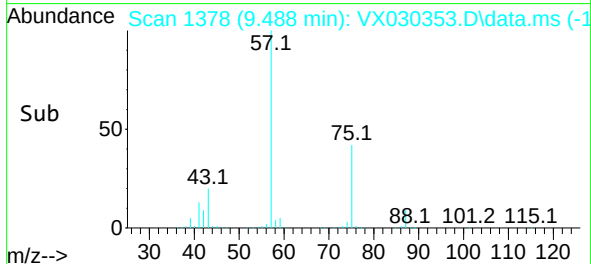
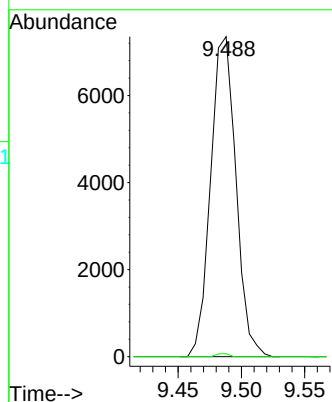
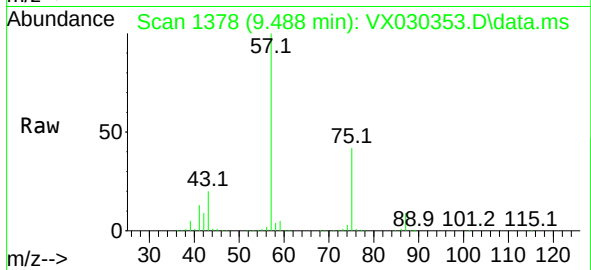




#57
1,3-Dichloropropane
Concen: 2.063 ug/l
RT: 9.488 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

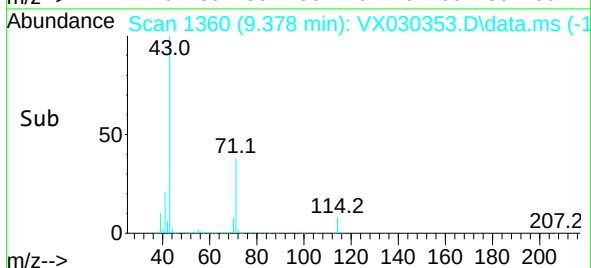
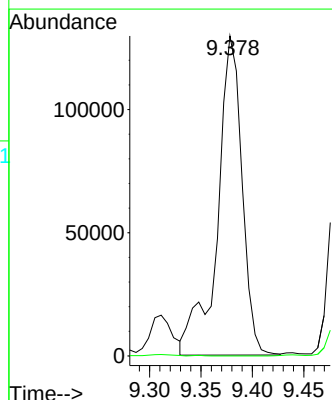
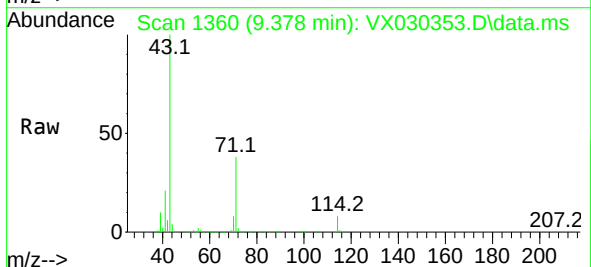
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

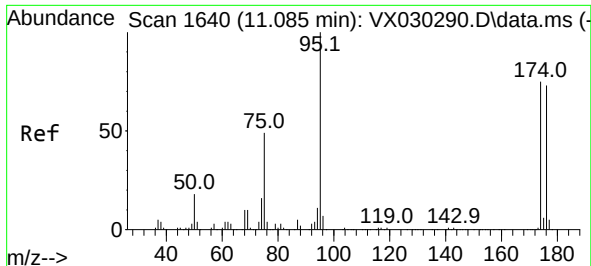
Tgt Ion: 76 Resp: 10242
Ion Ratio Lower Upper
76 100
78 0.5 25.9 38.9#



#59
2-Hexanone
Concen: 52.711 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 43 Resp: 215714
Ion Ratio Lower Upper
43 100
58 0.0 27.6 82.8#

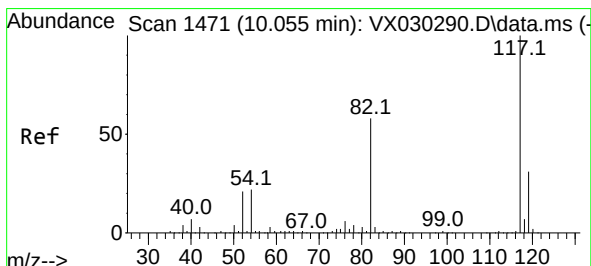
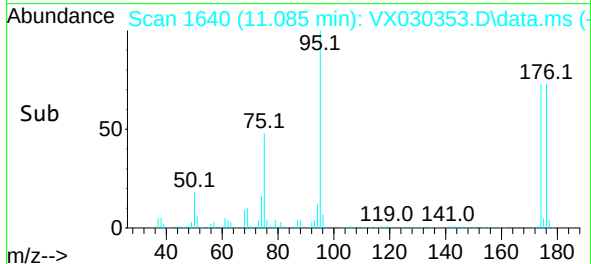
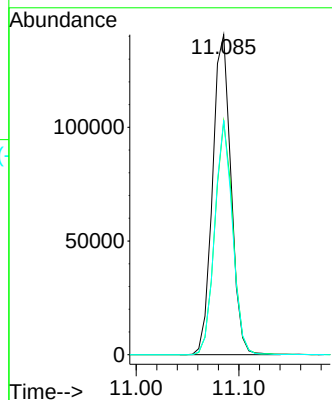
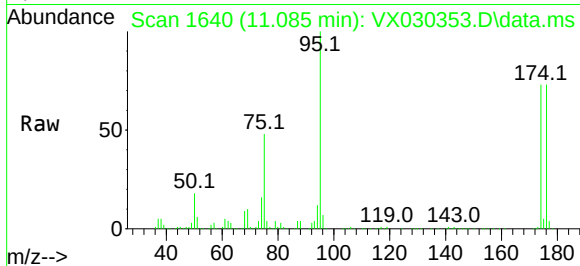




#62
4-Bromofluorobenzene
Concen: 47.537 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

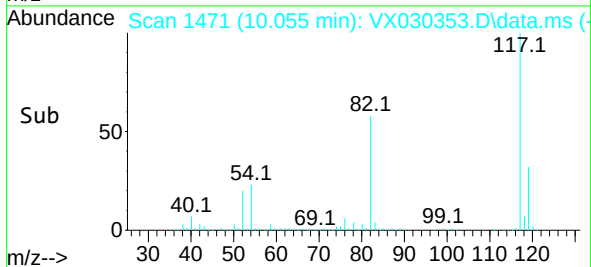
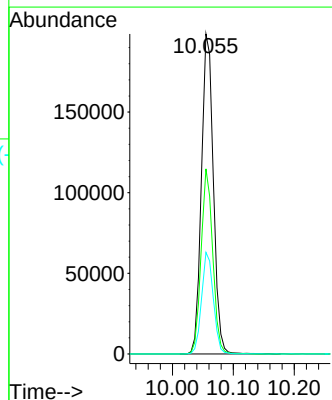
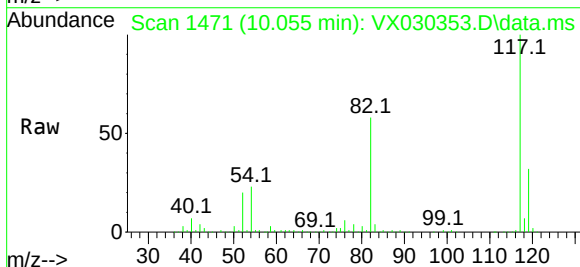
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

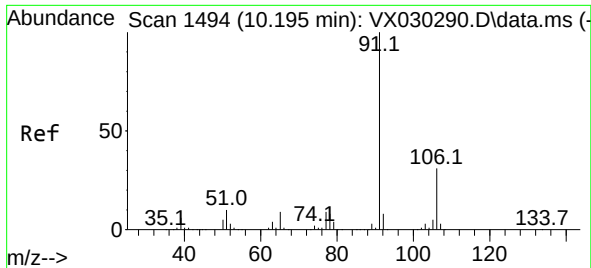
Tgt Ion: 95 Resp: 174739
Ion Ratio Lower Upper
95 100
174 71.1 0.0 149.0
176 70.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 117 Resp: 271128
Ion Ratio Lower Upper
117 100
82 57.8 42.7 64.1
119 31.8 25.4 38.2

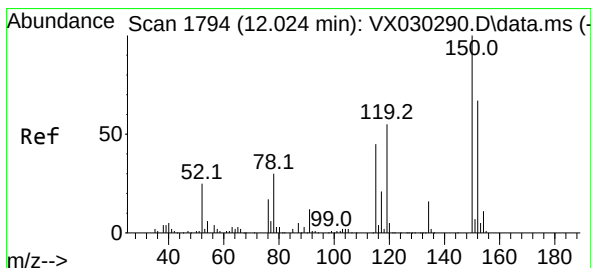
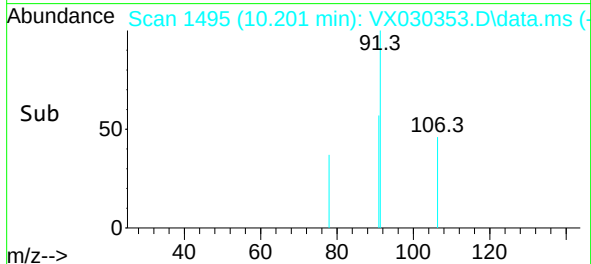
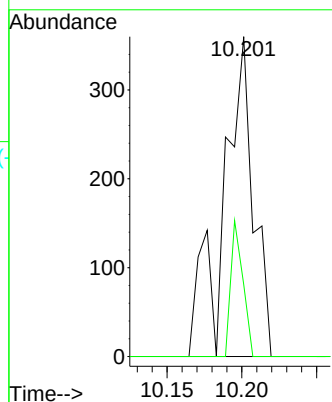
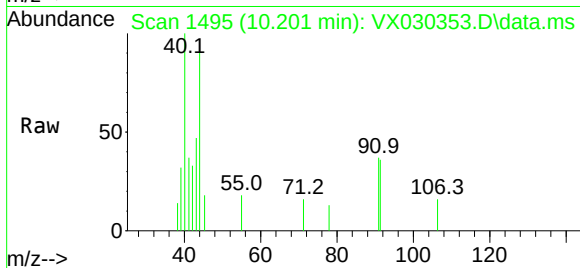




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

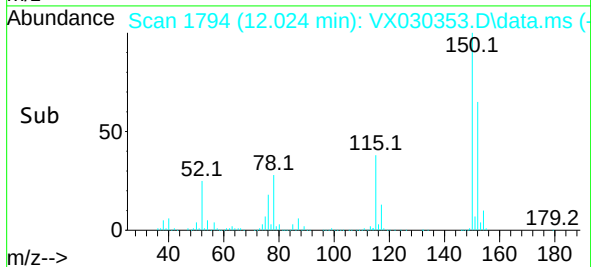
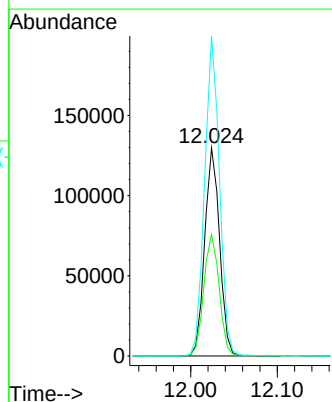
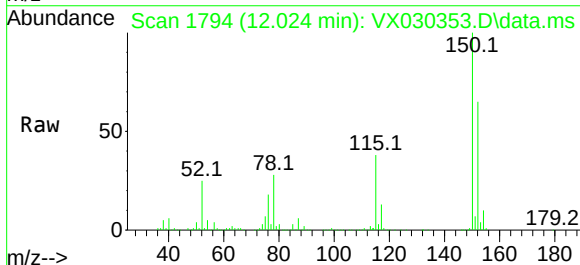
Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

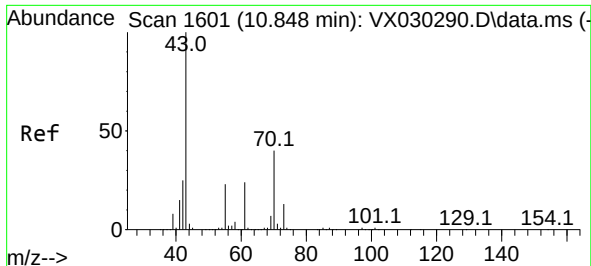
Tgt Ion: 91 Resp: 506
Ion Ratio Lower Upper
91 100
106 22.5 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion:152 Resp: 155132
Ion Ratio Lower Upper
152 100
115 60.3 40.5 121.5
150 153.0 0.0 347.0

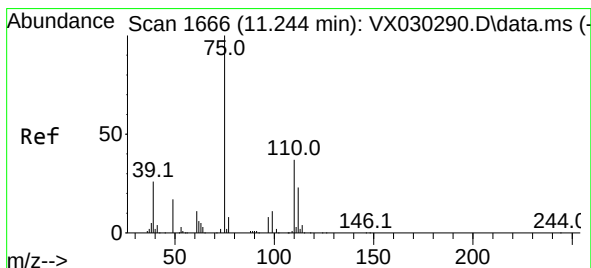
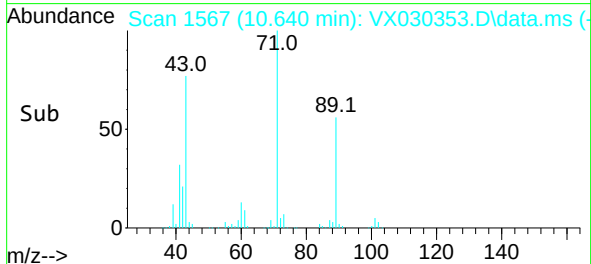
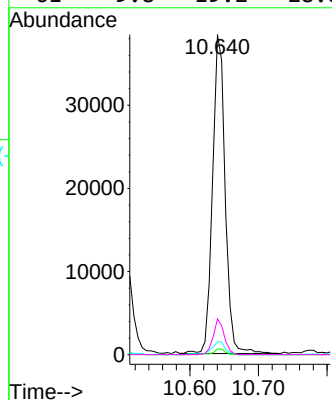
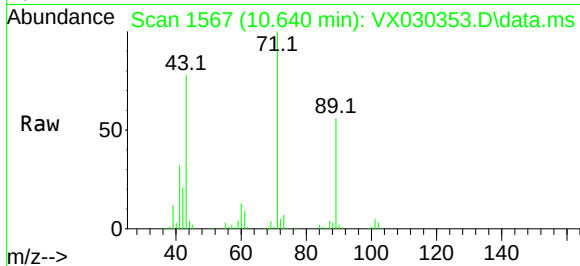




#74
N-amy1 acetate
Concen: 8.340 ug/l
RT: 10.640 min Scan# 1
Delta R.T. -0.207 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

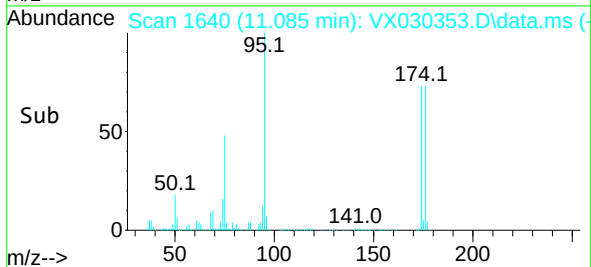
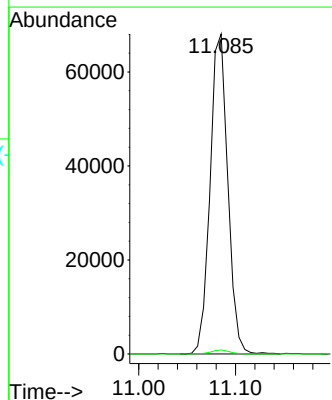
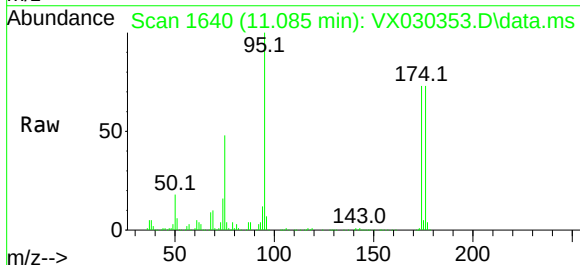
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ClientSampleId :
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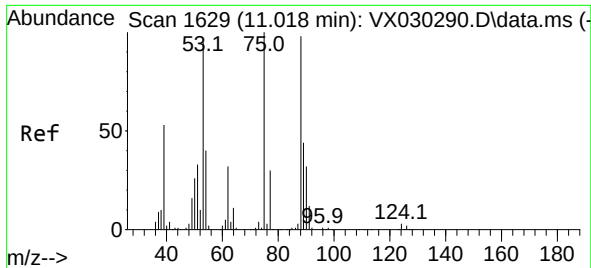
Tgt Ion: 43 Resp: 49087
Ion Ratio Lower Upper
43 100
70 1.7 32.3 48.5#
55 4.6 18.4 27.6#
61 9.8 19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 21.204 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 75 Resp: 86706
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#

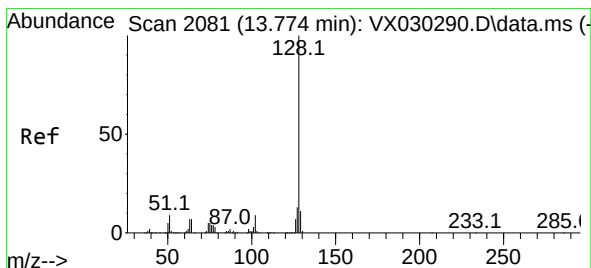
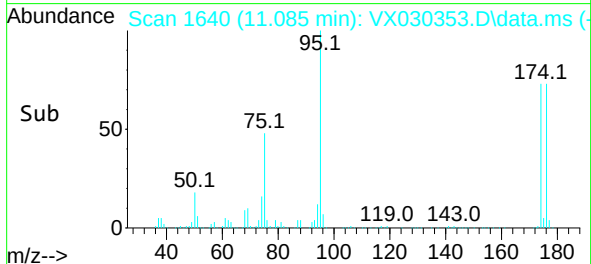
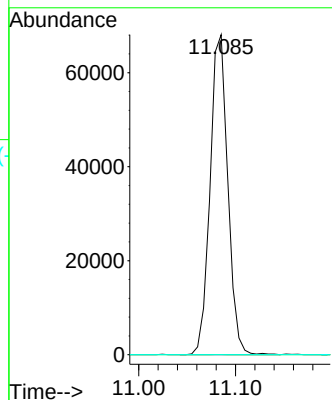
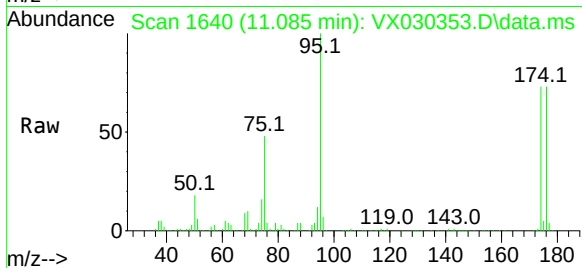




#81
trans-1,4-Dichloro-2-butene
Concen: 63.609 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
PB146634TB

Tgt Ion: 75 Resp: 86706
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#95
Naphthalene
Concen: 0.289 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX030353.D
Acq: 02 Aug 2022 15:31

Tgt Ion: 128 Resp: 3554
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 10.8 8.6 13.0

