

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081623\
 Data File : VX037039.D
 Acq On : 17 Aug 2023 05:12
 Operator : JC/MD
 Sample : 03958-03 10X
 Misc : 6.30g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NEVINS-SB02-Z64-65

Quant Time: Aug 17 05:46:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

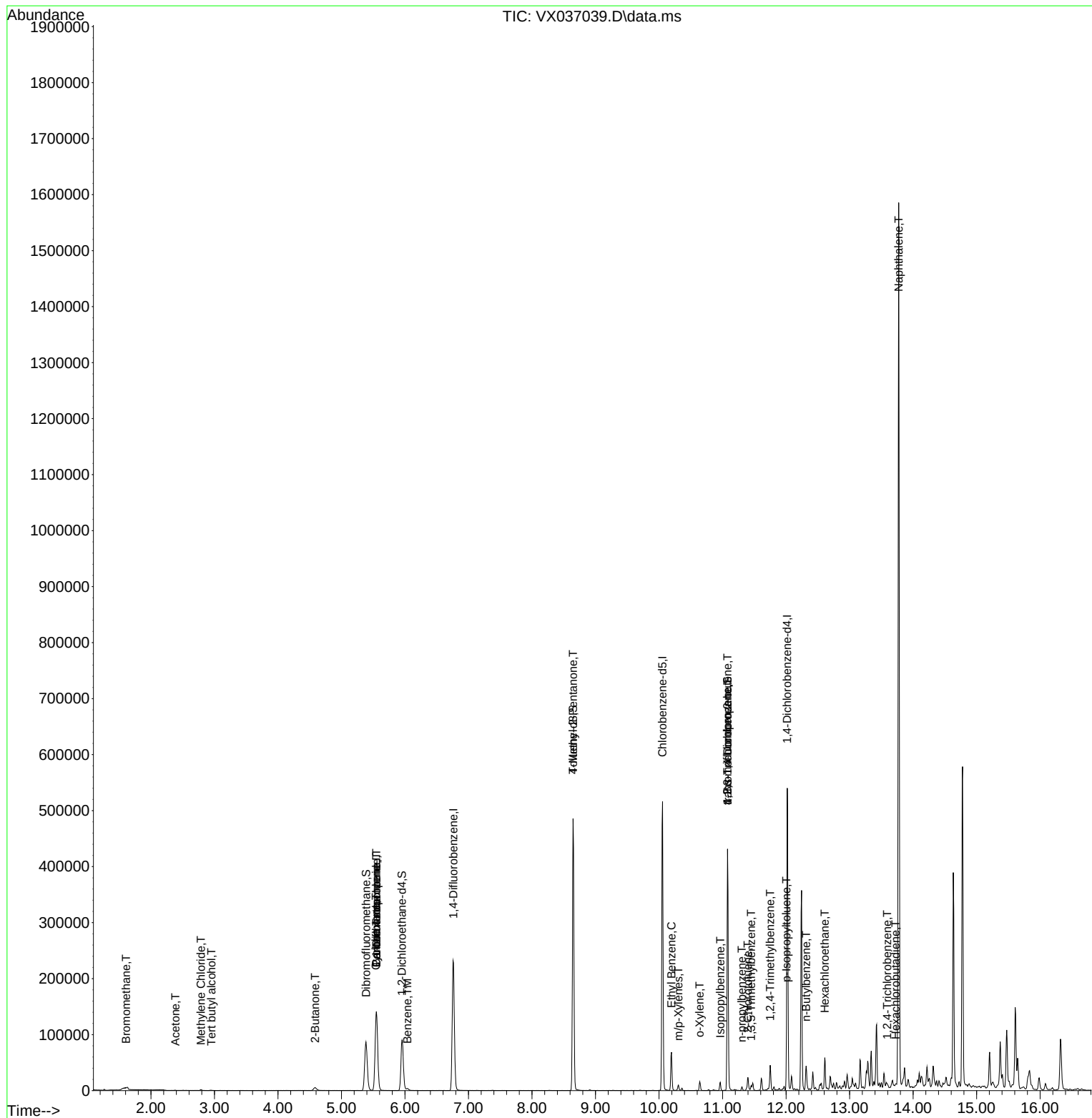
Internal Standards						
1) Pentafluorobenzene	5.550	168	130469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92761	48.051	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.100%		
35) Dibromofluoromethane	5.385	113	76584	46.133	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.260%		
50) Toluene-d8	8.647	98	291222	49.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.940%		
62) 4-Bromofluorobenzene	11.079	95	116991	52.673	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.340%		
Target Compounds					Qvalue	
5) Bromomethane	1.605	94	207	0.217	ug/l	93
11) Tert butyl alcohol	2.953	59	525	1.149	ug/l #	78
16) Acetone	2.386	43	660	0.824	ug/l #	77
20) Methylene Chloride	2.788	84	773	0.434	ug/l	89
25) 2-Butanone	4.587	43	345	0.265	ug/l #	51
31) Cyclohexane	5.544	56	2879	1.077	ug/l #	6
36) 1,1-Dichloropropene	5.550	75	10768	4.352	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14376	5.465	ug/l #	15
40) Benzene	6.038	78	4172	0.580	ug/l	99
51) 4-Methyl-2-Pentanone	8.647	43	1259	0.472	ug/l #	1
67) Ethyl Benzene	10.195	91	40442	4.298	ug/l	98
68) m/p-Xylenes	10.305	106	2376	0.677	ug/l	100
69) o-Xylene	10.640	106	3674	1.048	ug/l	98
73) Isopropylbenzene	10.964	105	7364	0.819	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	60572	23.712	ug/l #	39
78) n-propylbenzene	11.305	91	4305	0.414	ug/l	95
79) 2-Chlorotoluene	11.396	91	1951	0.310	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	3305	0.440	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	60572	53.745	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	18741	2.492	ug/l	98
86) p-Isopropyltoluene	12.006	119	3014	0.398	ug/l #	76
89) n-Butylbenzene	12.317	91	5802	0.855	ug/l #	21
90) Hexachloroethane	12.610	117	3207	2.087	ug/l #	17
93) 1,2,4-Trichlorobenzene	13.591	180	467	0.207	ug/l #	64
94) Hexachlorobutadiene	13.725	225	303	0.325	ug/l	82
95) Naphthalene	13.774	128	932238	118.692	ug/l	100

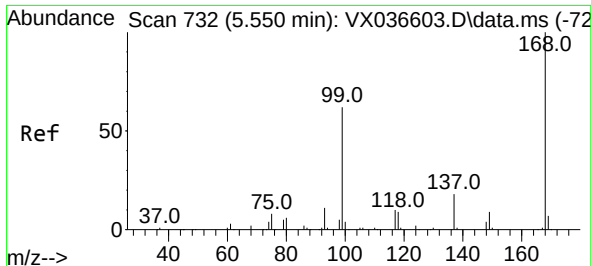
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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NEVINS-SB02-Z64-65

Quant Time: Aug 17 05:46:02 2023
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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

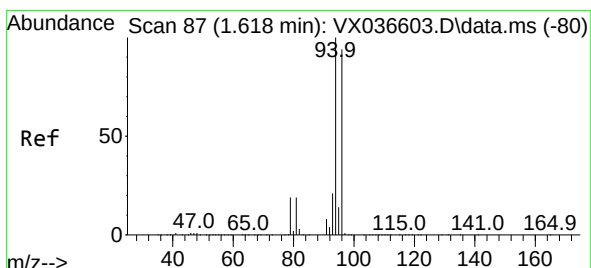
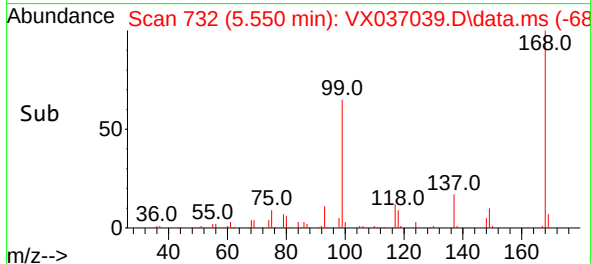
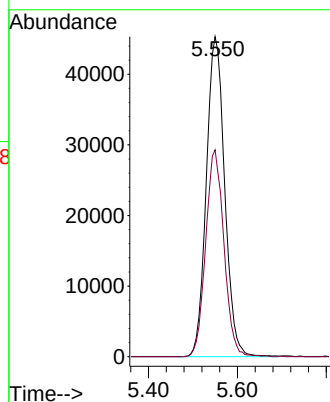
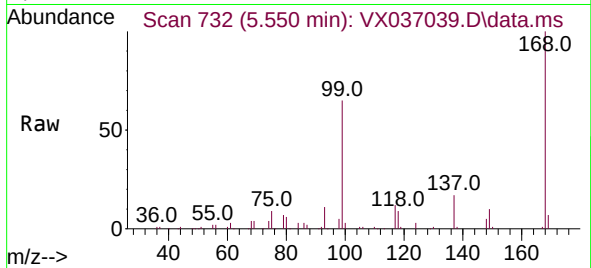




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

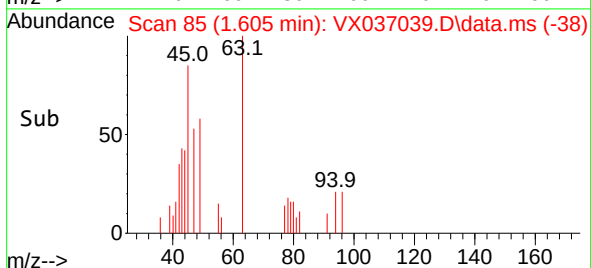
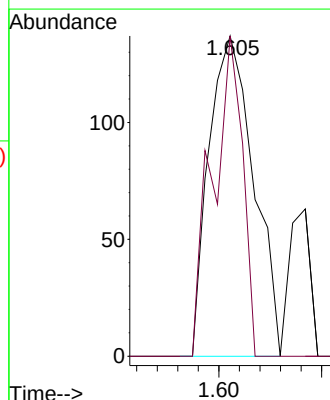
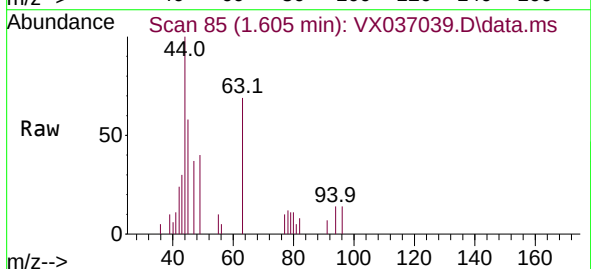
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

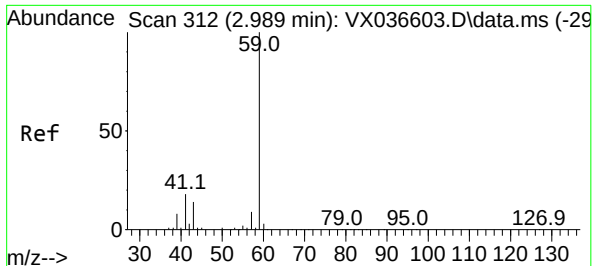
Tgt Ion:168 Resp: 130469
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#5
Bromomethane
Concen: 0.217 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.012 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 100.0 74.6 111.8

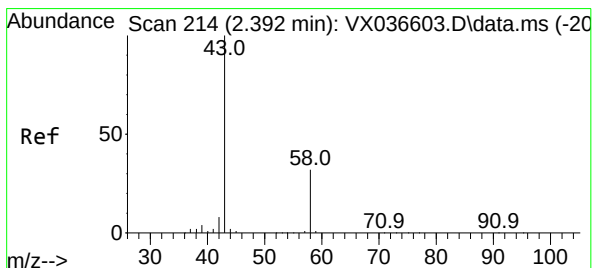
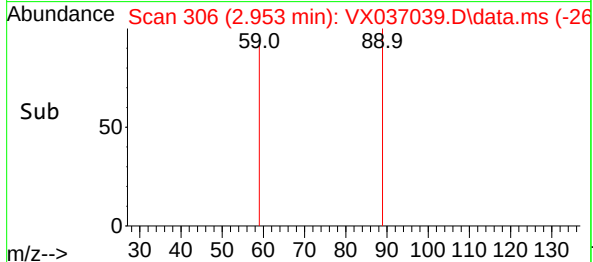
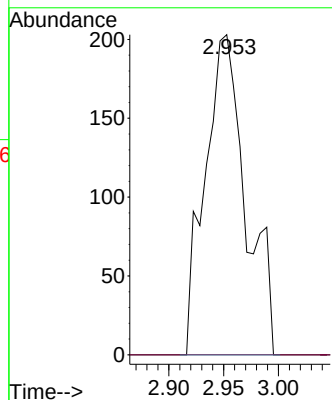
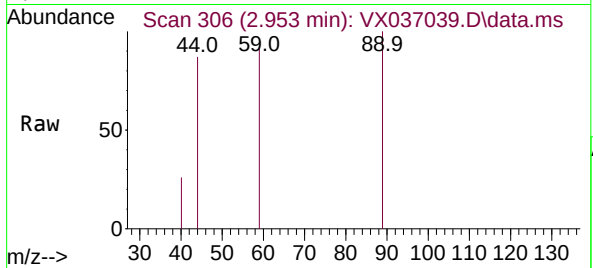




#11
Tert butyl alcohol
Concen: 1.149 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

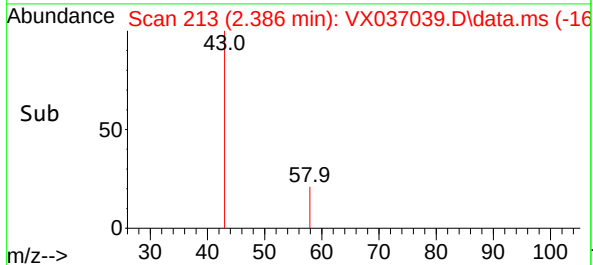
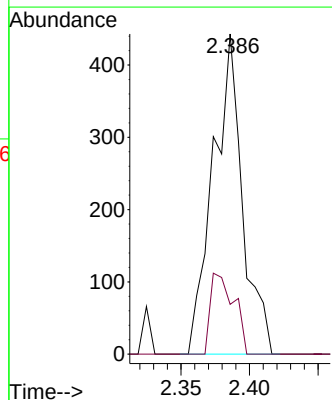
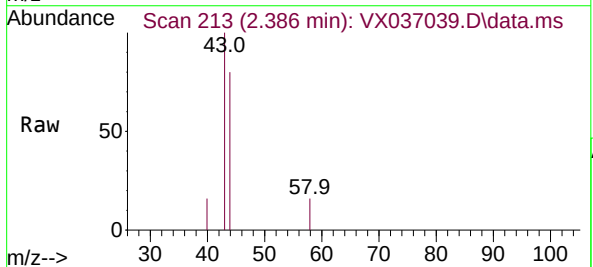
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

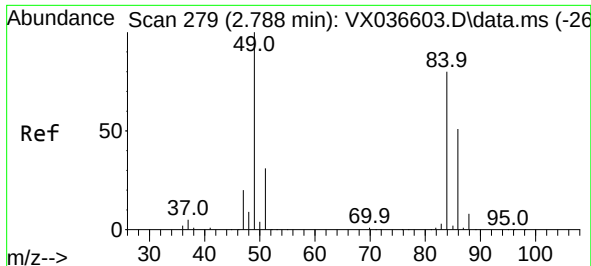
Tgt Ion: 59 Resp: 525
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 0.824 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
58 15.6 21.9 32.9#



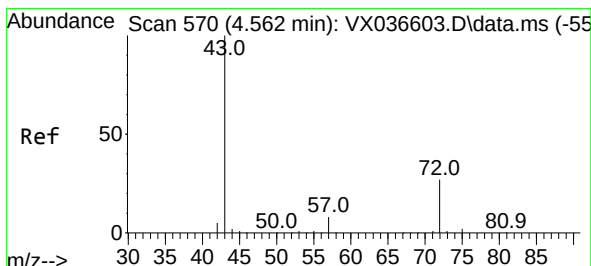
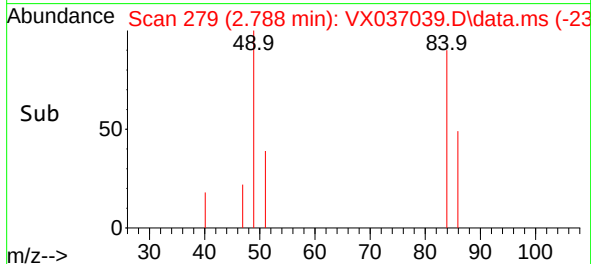
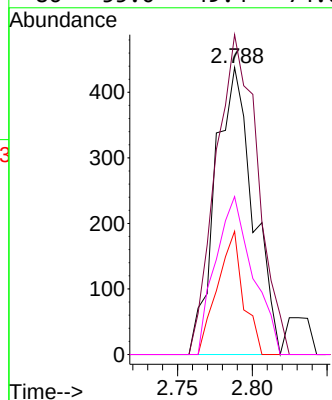
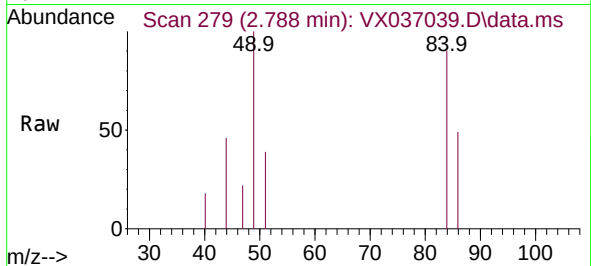


#20
Methylene Chloride
Concen: 0.434 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

Tgt Ion: 84 Resp: 773

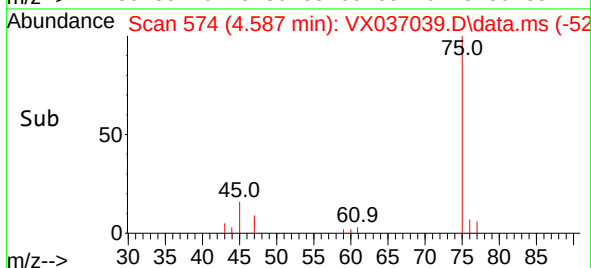
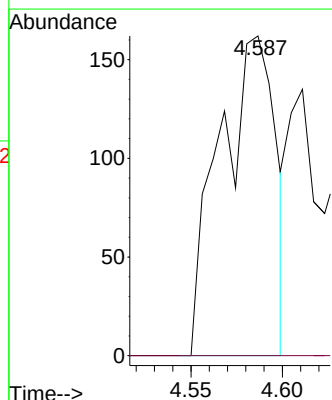
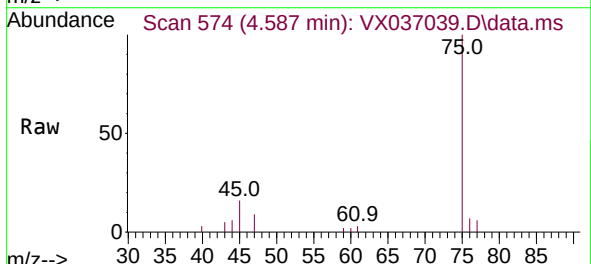
Ion	Ratio	Lower	Upper
84	100		
49	111.4	103.6	155.4
51	42.9	33.8	50.6
86	55.0	49.4	74.0

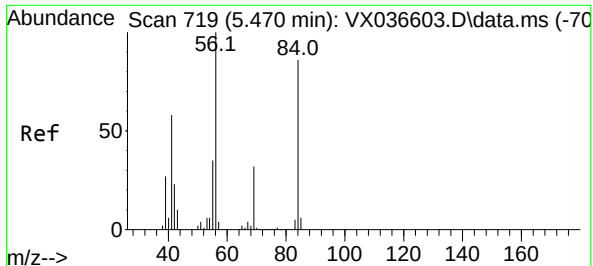


#25
2-Butanone
Concen: 0.265 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 43 Resp: 345

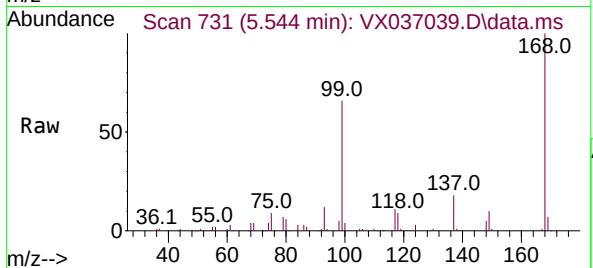
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



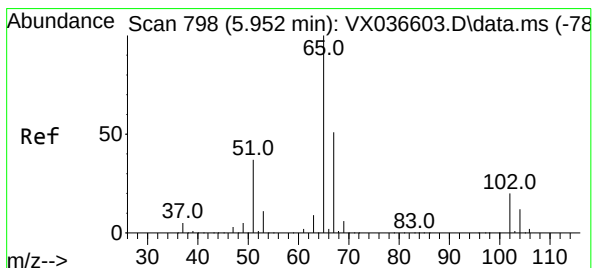
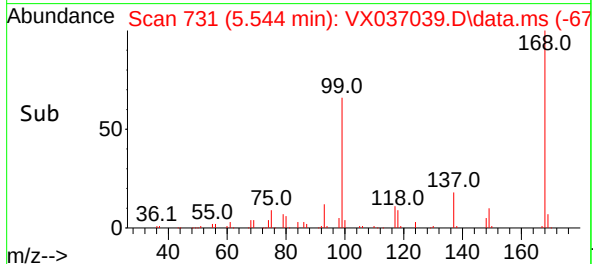
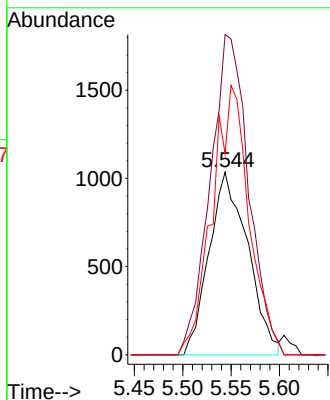


#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

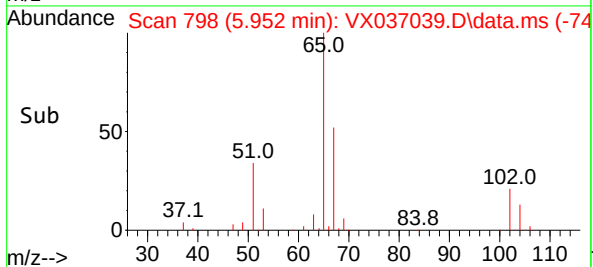
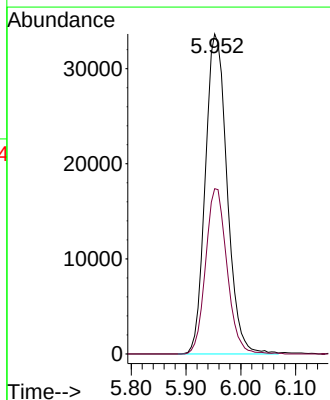
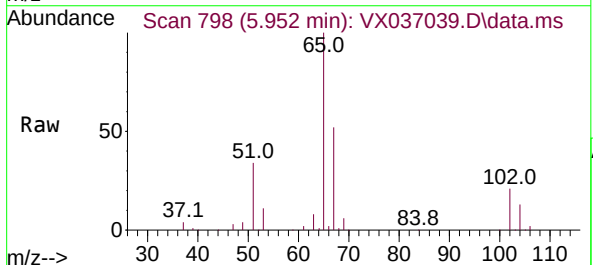


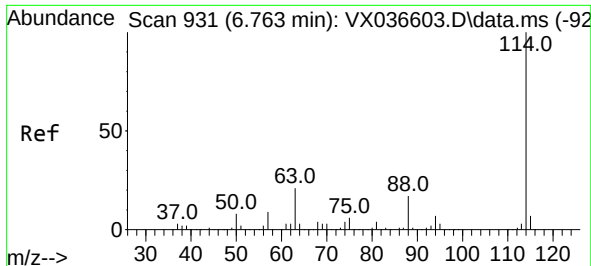
Tgt Ion: 56 Resp: 2879
Ion Ratio Lower Upper
56 100
69 175.4 23.4 35.2#
84 110.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 48.051 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 65 Resp: 92761
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

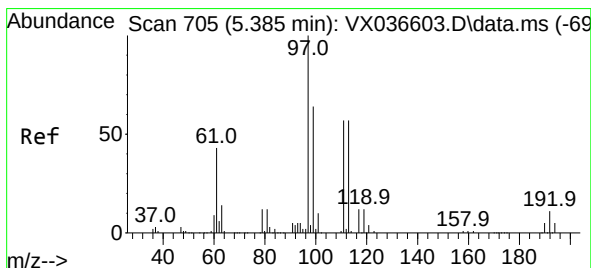
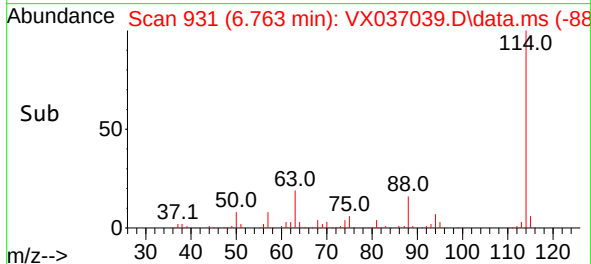
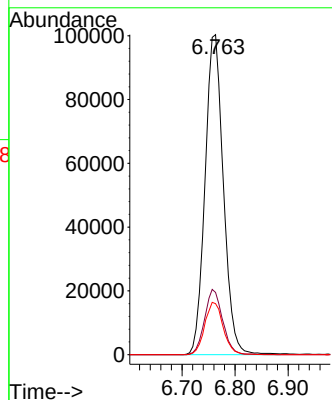
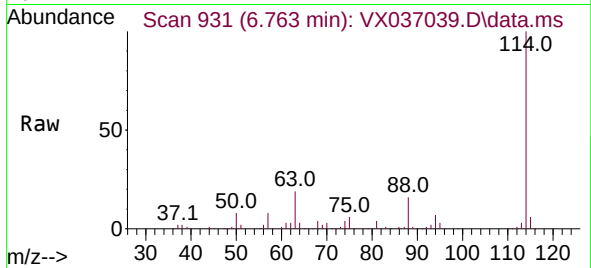




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

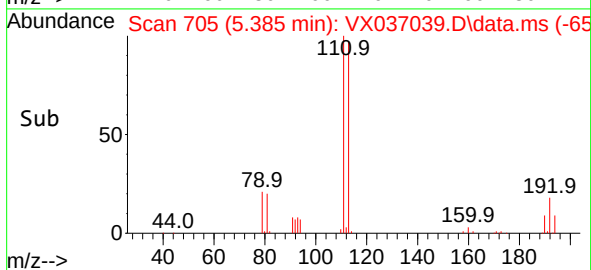
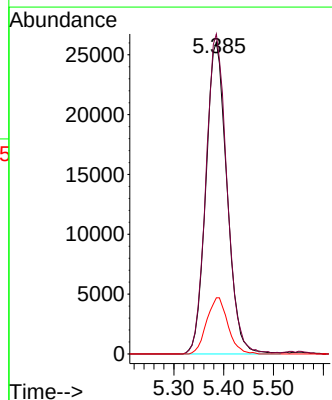
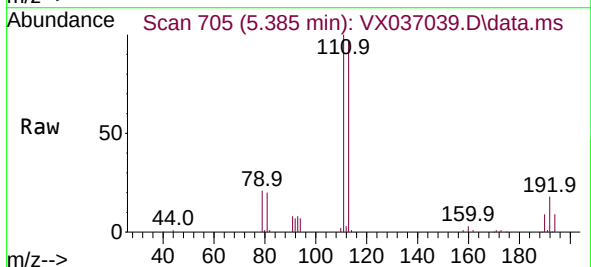
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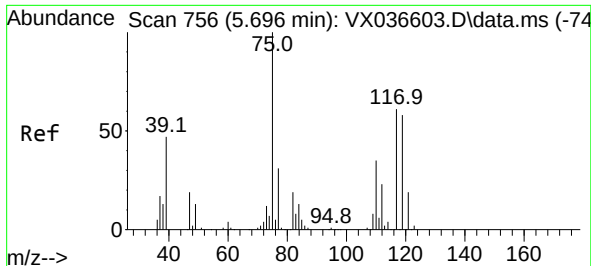
Tgt Ion:114 Resp: 241520
Ion Ratio Lower Upper
114 100
63 19.5 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.133 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion:113 Resp: 76584
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.1 13.3 19.9

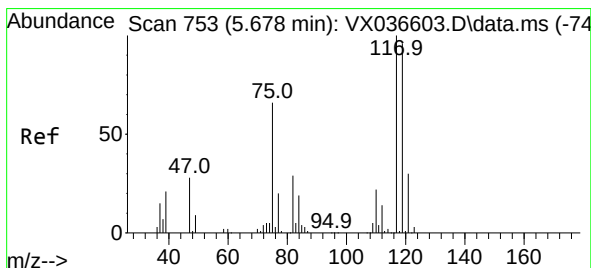
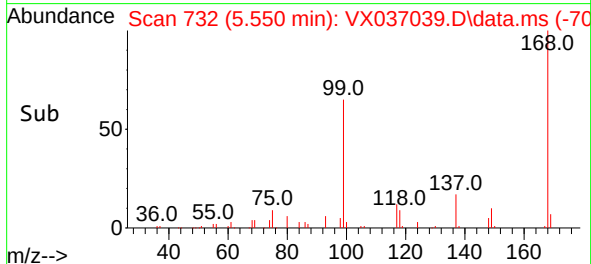
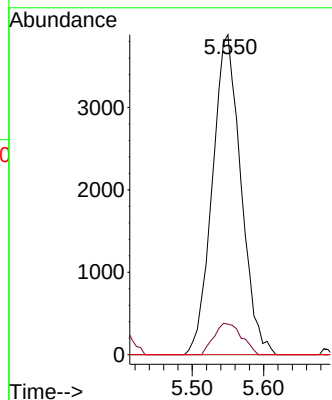
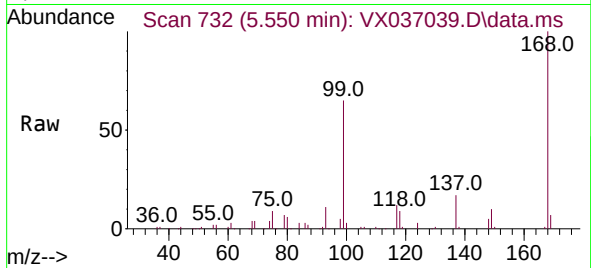




#36
1,1-Dichloropropene
Concen: 4.352 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

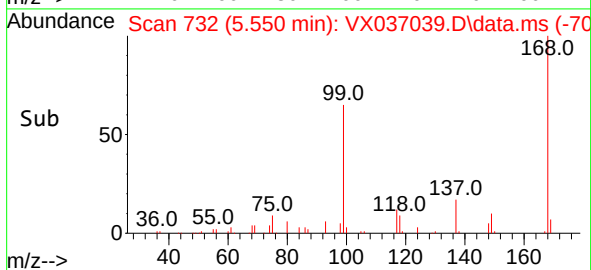
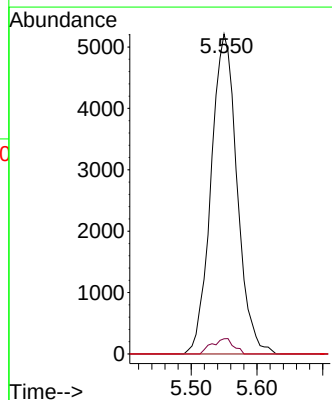
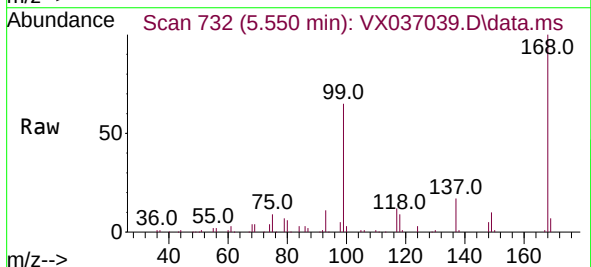
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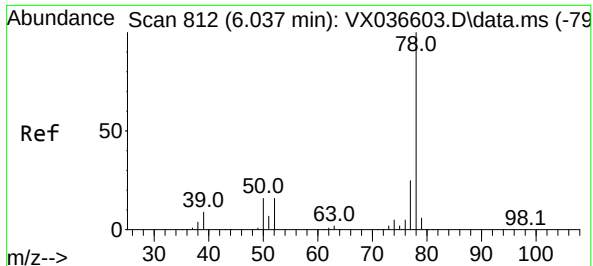
Tgt Ion: 75 Resp: 10768
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.465 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 117 Resp: 14376
Ion Ratio Lower Upper
117 100
119 4.7 78.2 117.2#
121 0.0 24.4 36.6#

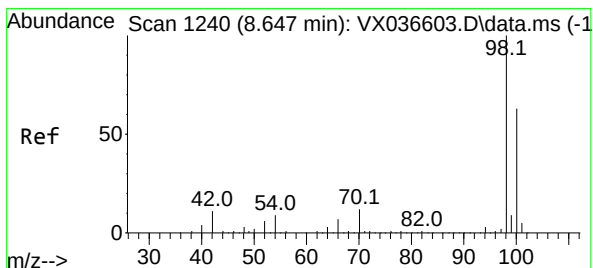
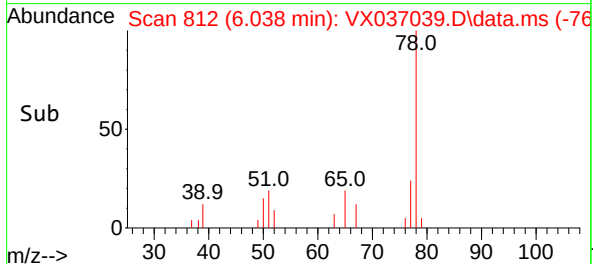
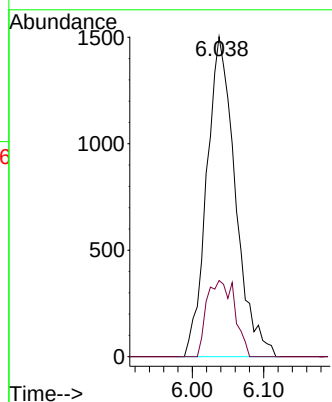
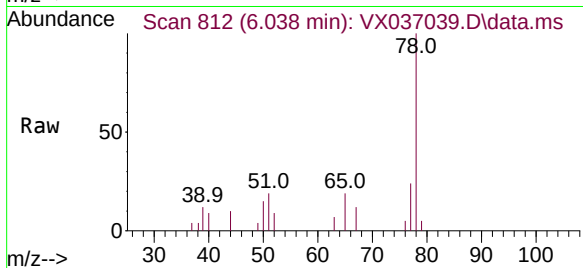




#40
Benzene
Concen: 0.580 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

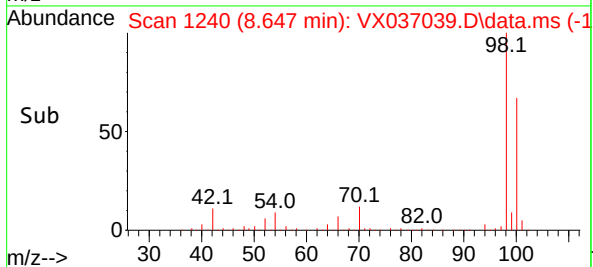
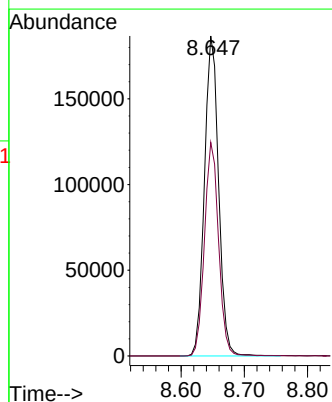
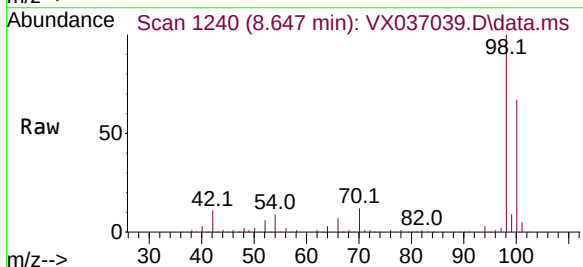
Instrument :
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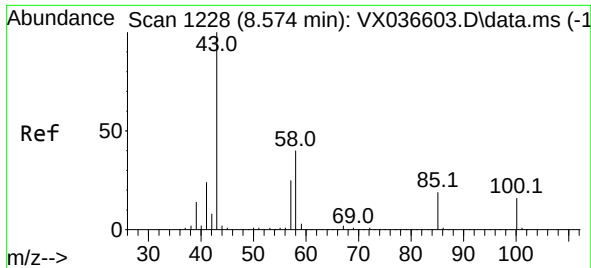
Tgt Ion: 78 Resp: 4172
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9



#50
Toluene-d8
Concen: 49.469 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 98 Resp: 291222
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7

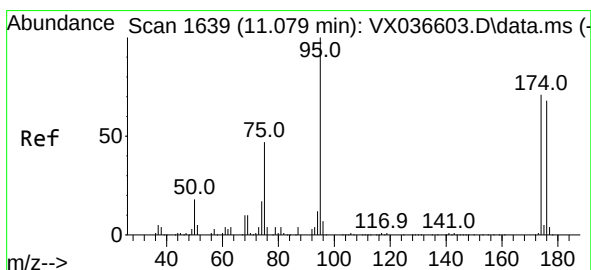
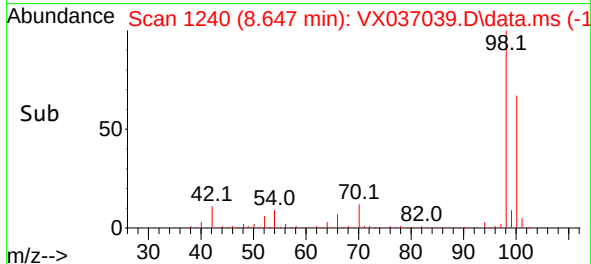
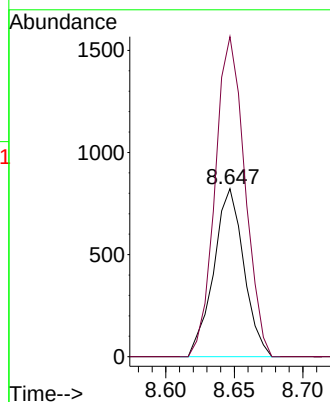
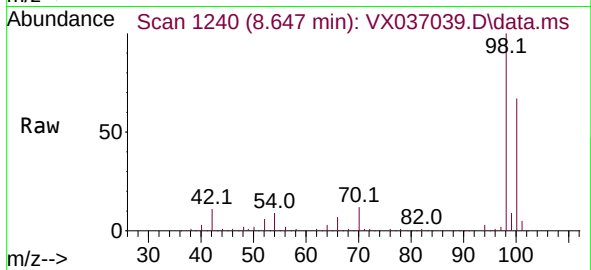




#51
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

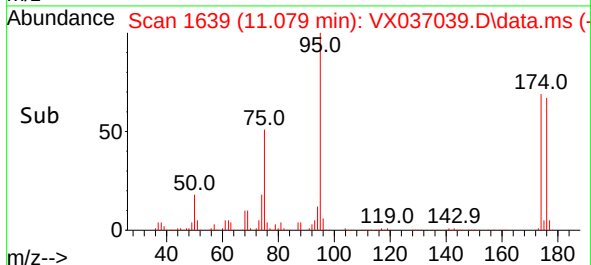
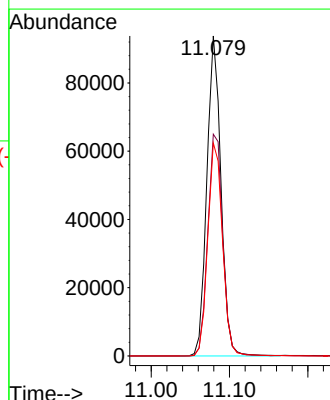
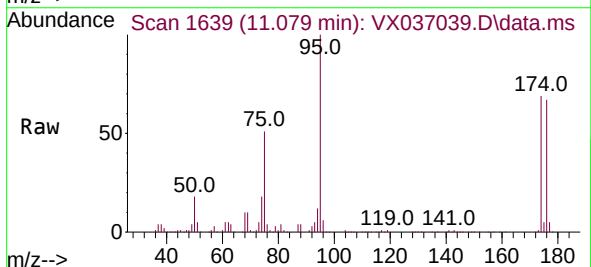
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

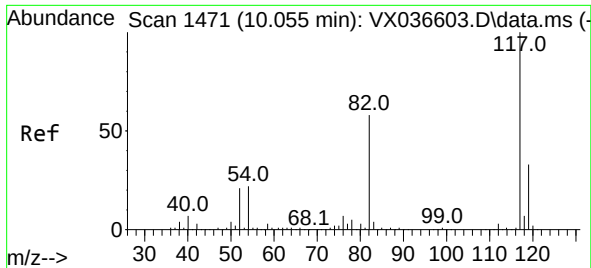
Tgt Ion: 43 Resp: 1259
Ion Ratio Lower Upper
43 100
58 187.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.673 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 95 Resp: 116991
Ion Ratio Lower Upper
95 100
174 73.5 0.0 135.6
176 69.7 0.0 131.0

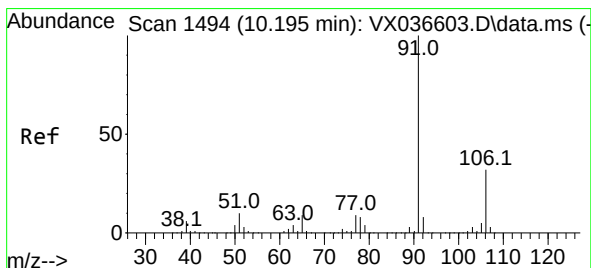
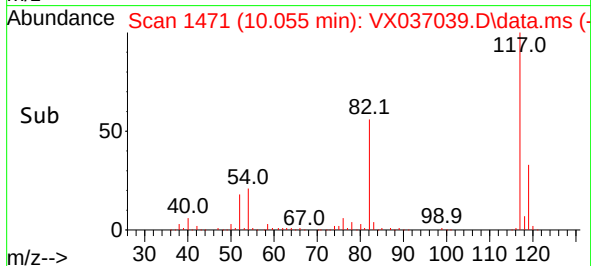
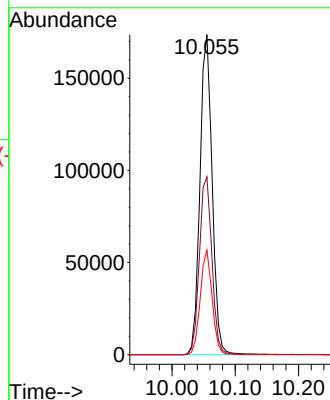
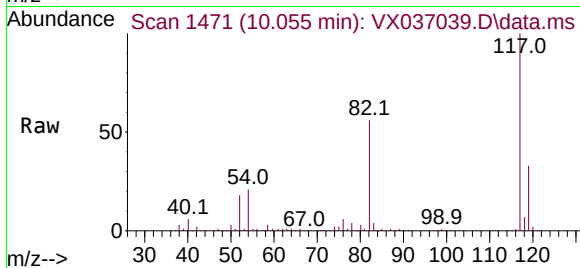




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

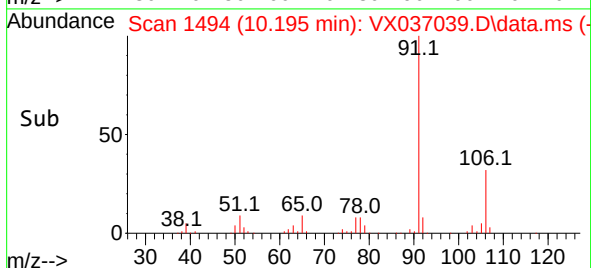
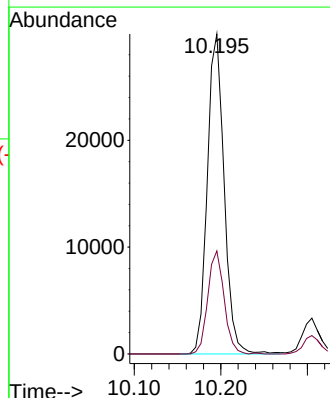
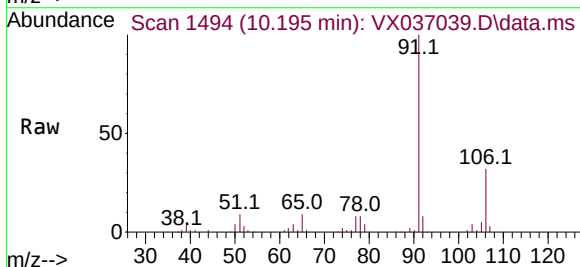
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

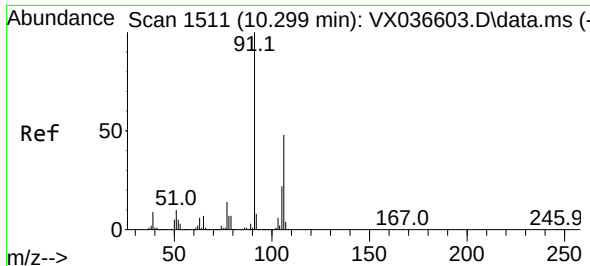
Tgt Ion:117 Resp: 233675
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.6 25.5 38.3



#67
Ethyl Benzene
Concen: 4.298 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 91 Resp: 40442
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

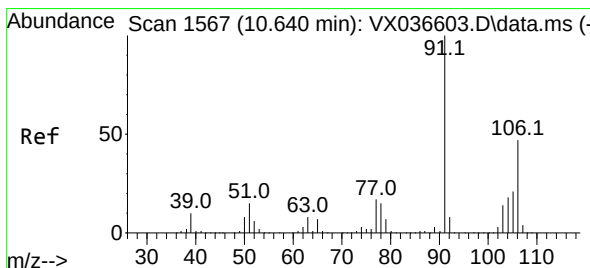
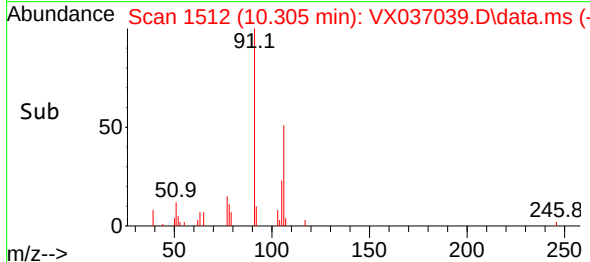
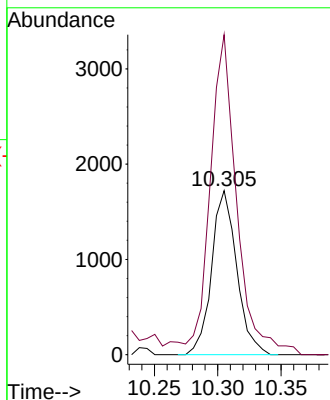
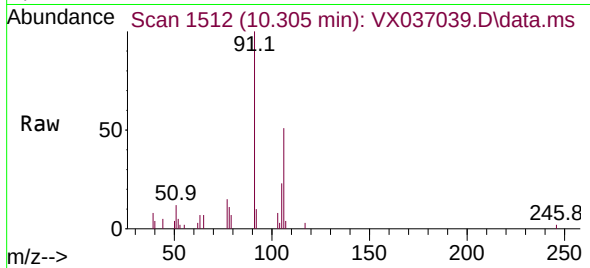




#68
m/p-Xylenes
Concen: 0.677 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

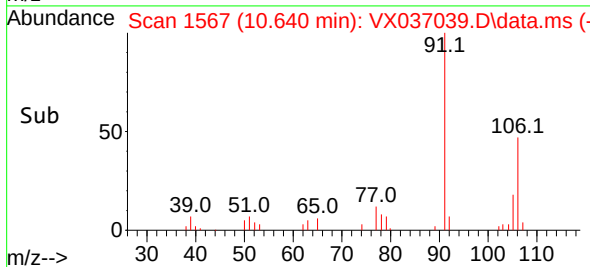
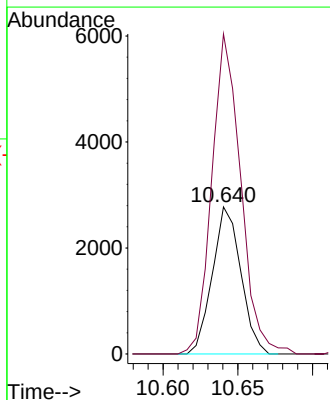
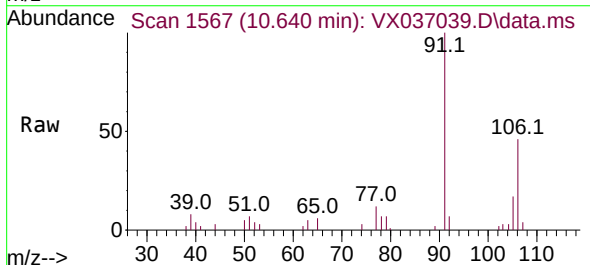
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

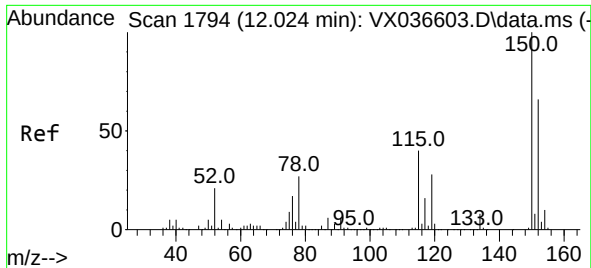
Tgt Ion:106 Resp: 2376
Ion Ratio Lower Upper
106 100
91 206.6 165.5 248.3



#69
o-Xylene
Concen: 1.048 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion:106 Resp: 3674
Ion Ratio Lower Upper
106 100
91 220.7 108.9 326.8

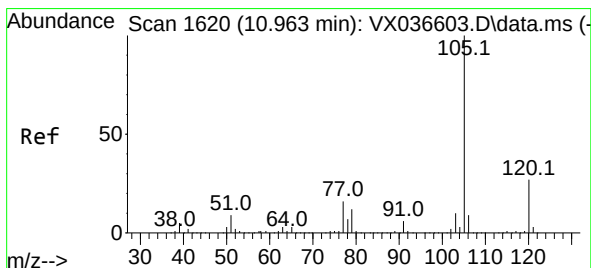
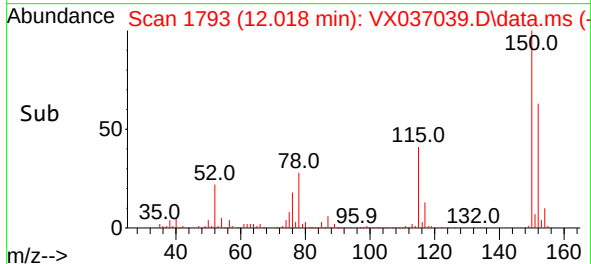
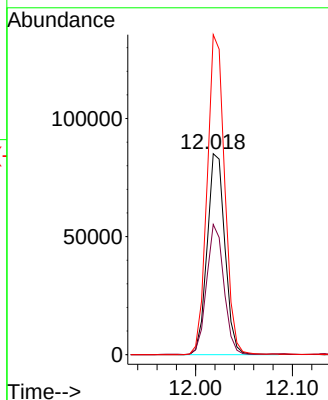
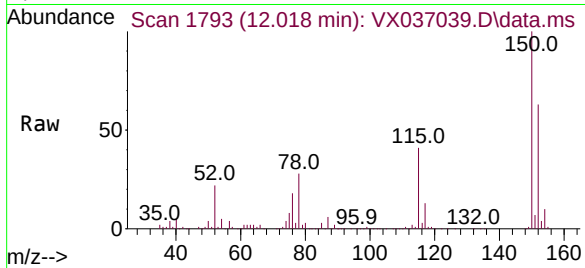




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

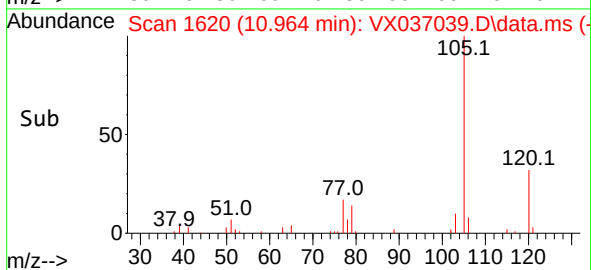
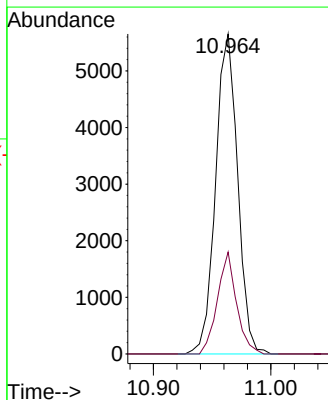
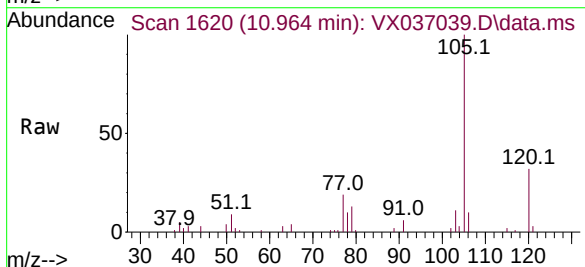
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

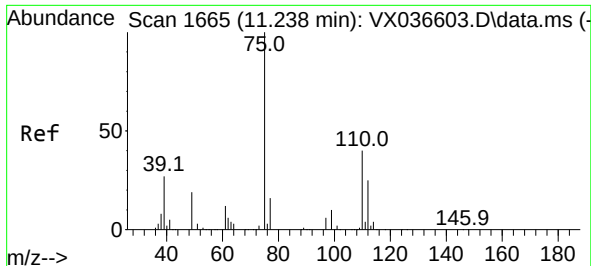
Tgt Ion:152 Resp: 108603
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 157.8 0.0 345.0



#73
Isopropylbenzene
Concen: 0.819 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion:105 Resp: 7364
Ion Ratio Lower Upper
105 100
120 27.6 12.9 38.6

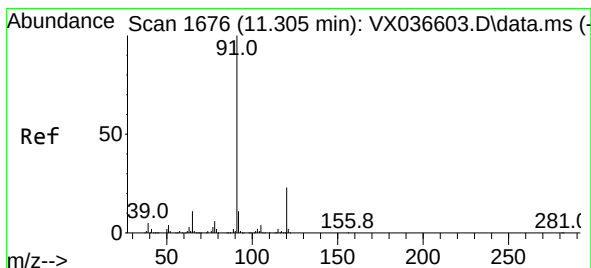
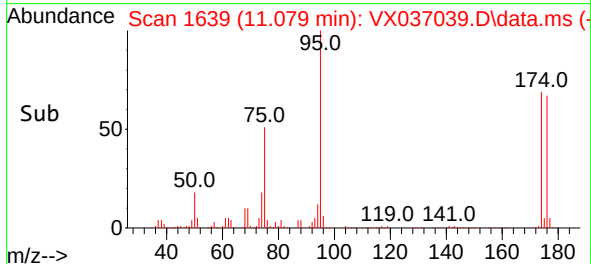
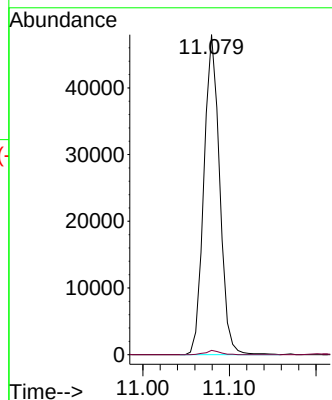
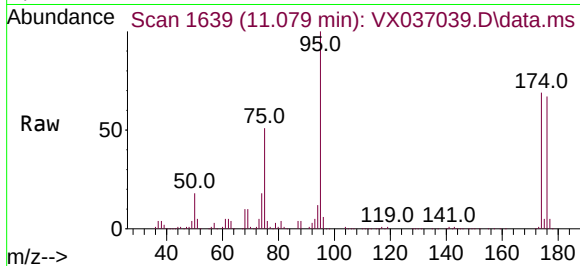




#76
1,2,3-Trichloropropane
Concen: 23.712 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

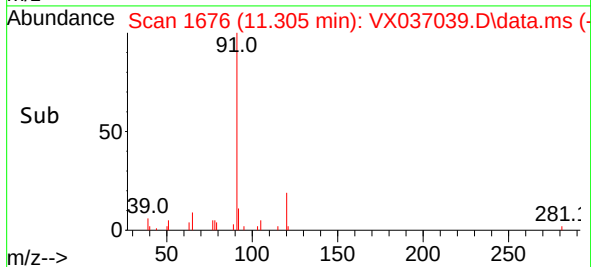
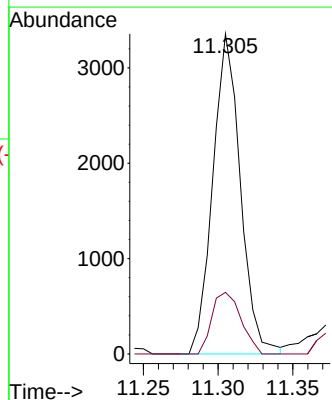
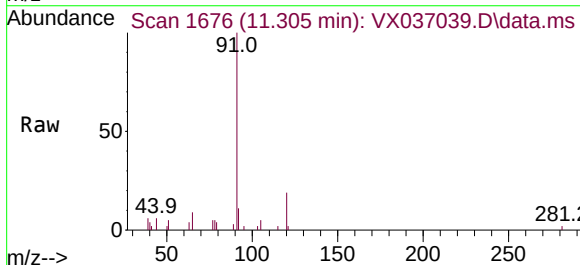
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

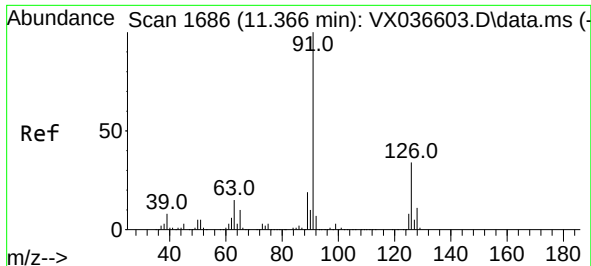
Tgt Ion: 75 Resp: 60572
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#78
n-propylbenzene
Concen: 0.414 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 91 Resp: 4305
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.4

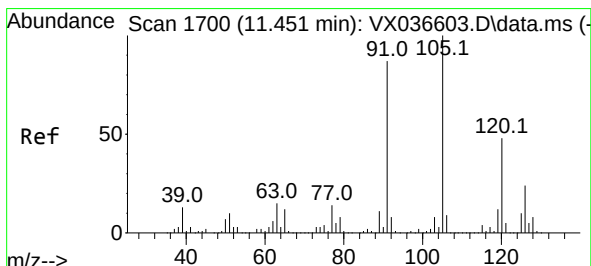
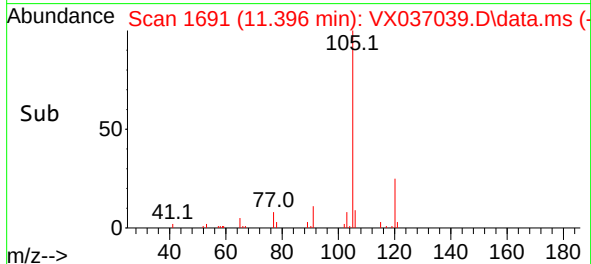
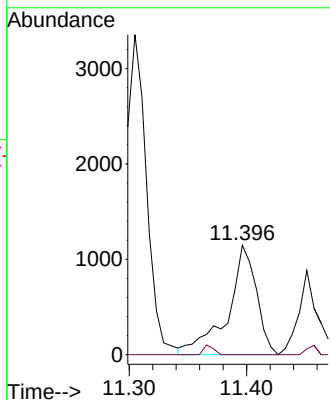
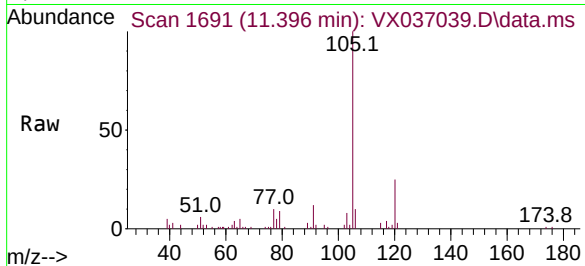




#79
2-Chlorotoluene
Concen: 0.310 ug/l
RT: 11.396 min Scan# 11
Delta R.T. 0.031 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

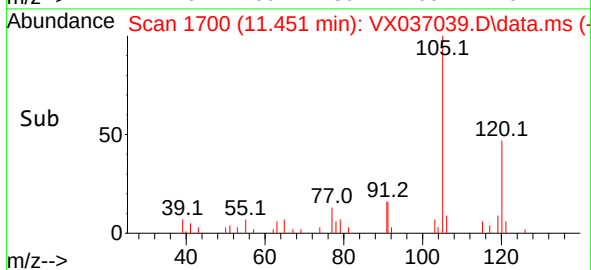
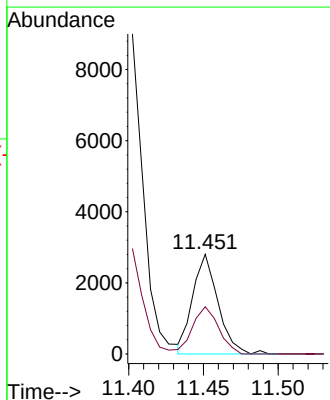
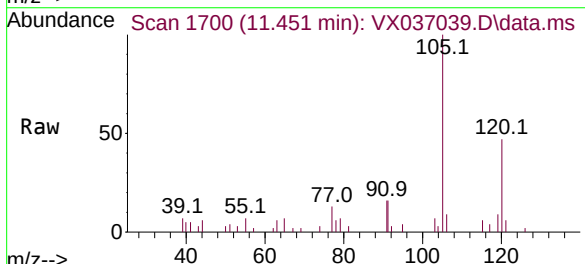
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

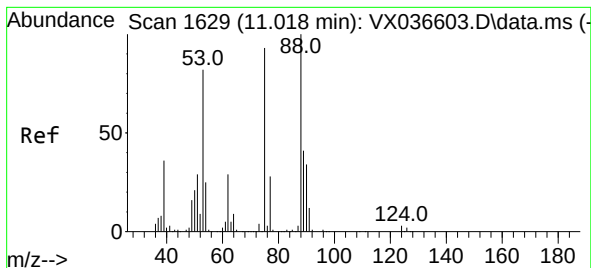
Tgt Ion: 91 Resp: 1951
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.440 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 105 Resp: 3305
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.3

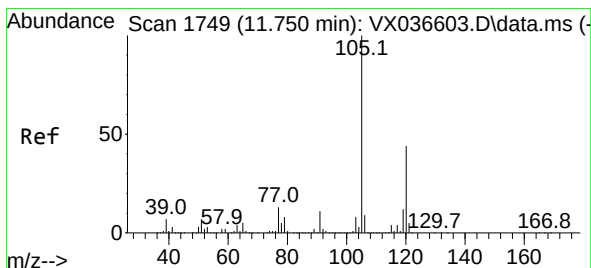
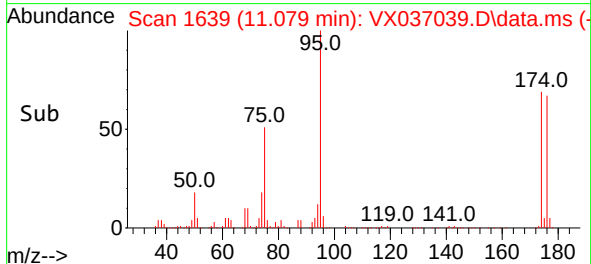
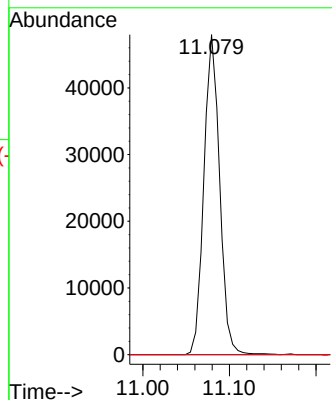
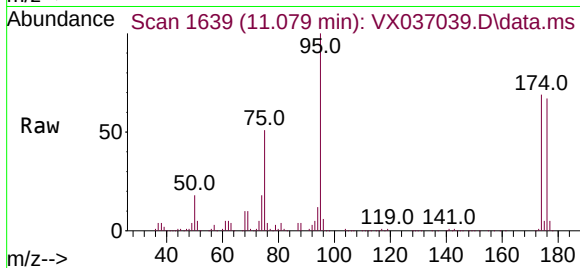




#81
trans-1,4-Dichloro-2-butene
Concen: 53.745 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

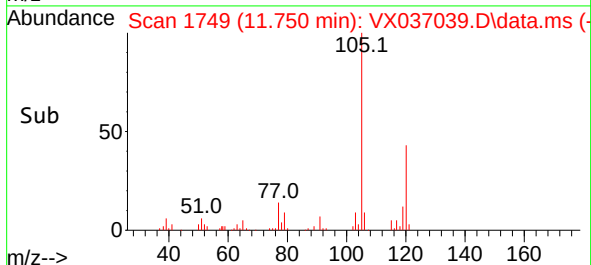
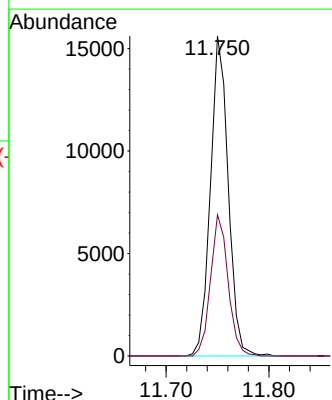
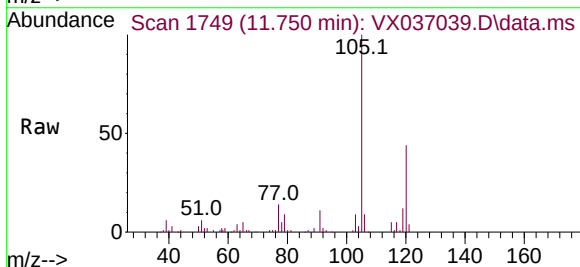
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

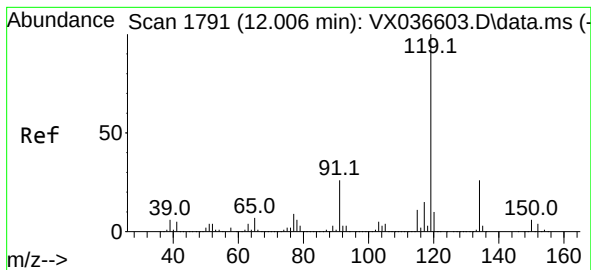
Tgt Ion: 75 Resp: 60572
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#84
1,2,4-Trimethylbenzene
Concen: 2.492 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion: 105 Resp: 18741
Ion Ratio Lower Upper
105 100
120 43.6 21.2 63.6





#86

p-Isopropyltoluene

Concen: 0.398 ug/l

RT: 12.006 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX037039.D

Acq: 17 Aug 2023 05:12

Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z64-65

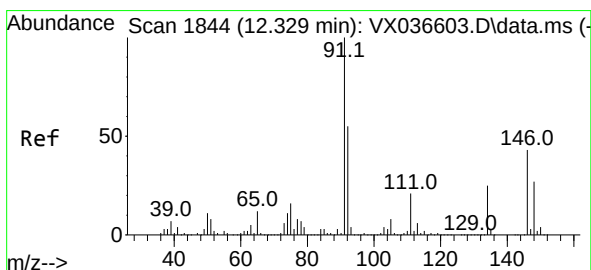
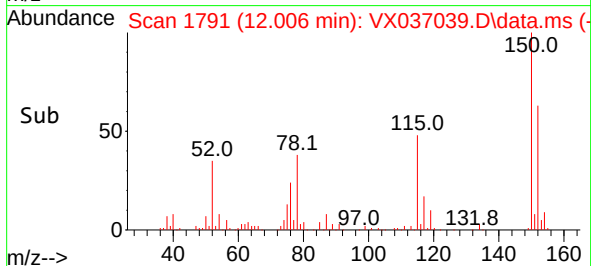
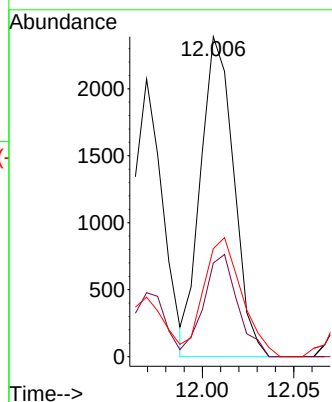
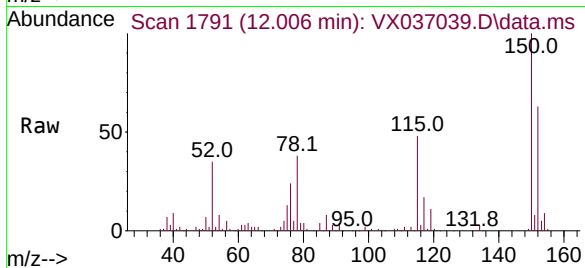
Tgt Ion:119 Resp: 3014

Ion Ratio Lower Upper

119 100

134 32.8 12.8 38.3

91 42.9 13.1 39.3#



#89

n-Butylbenzene

Concen: 0.855 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX037039.D

Acq: 17 Aug 2023 05:12

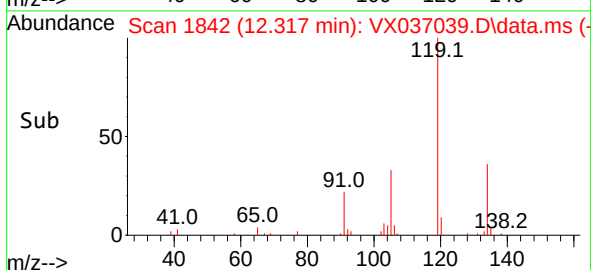
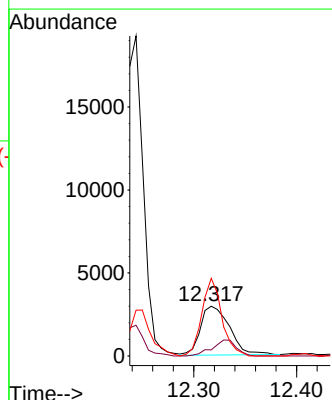
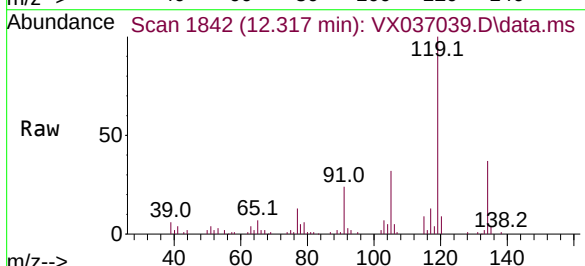
Tgt Ion: 91 Resp: 5802

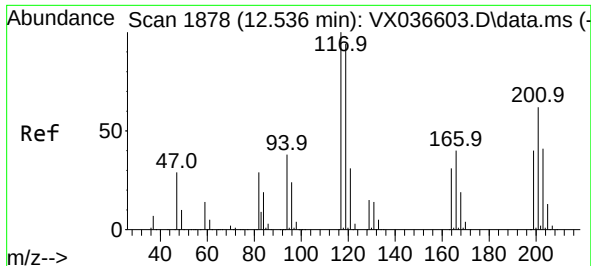
Ion Ratio Lower Upper

91 100

92 26.9 27.4 82.0#

134 109.2 12.6 37.8#

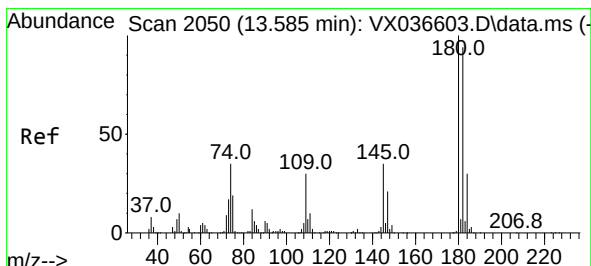
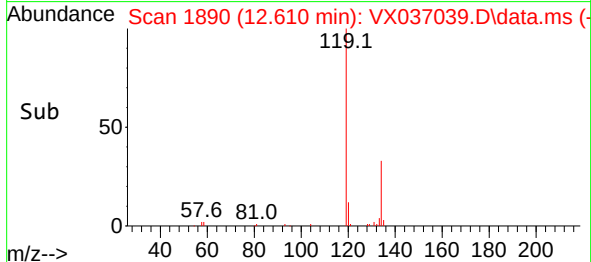
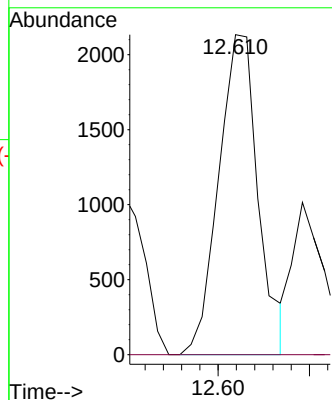
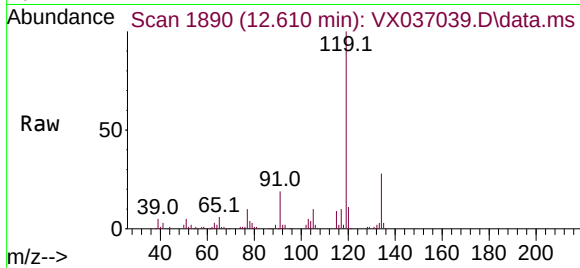




#90
Hexachloroethane
Concen: 2.087 ug/l
RT: 12.610 min Scan# 117
Delta R.T. 0.073 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

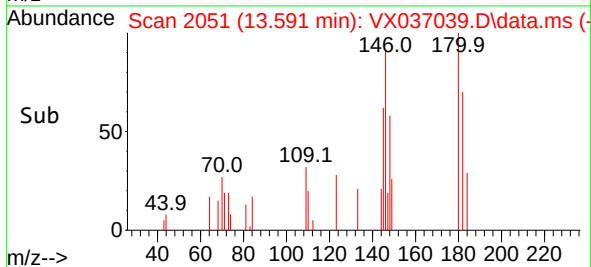
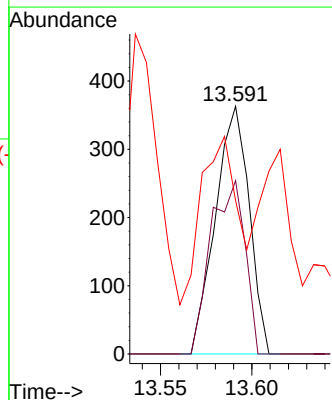
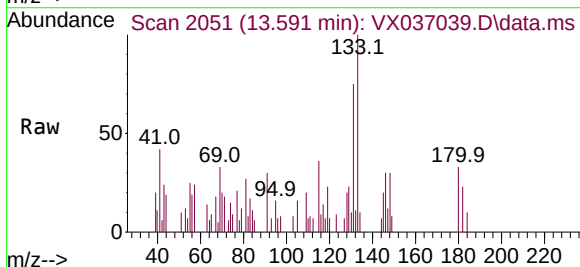
Instrument :
MSVOA_X
ClientSampleId :
NEVINS-SB02-Z64-65

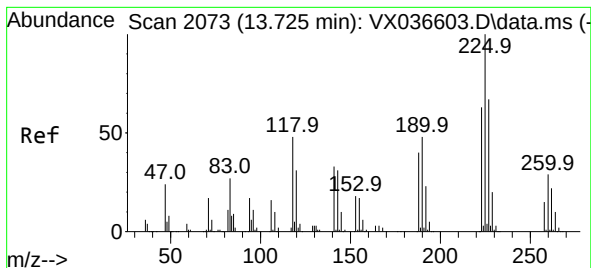
Tgt Ion:117 Resp: 3207
Ion Ratio Lower Upper
117 100
201 0.0 32.9 98.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.207 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037039.D
Acq: 17 Aug 2023 05:12

Tgt Ion:180 Resp: 467
Ion Ratio Lower Upper
180 100
182 70.9 48.3 144.8
145 72.8 18.0 54.0#





#94

Hexachlorobutadiene

Concen: 0.325 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX037039.D

Acq: 17 Aug 2023 05:12

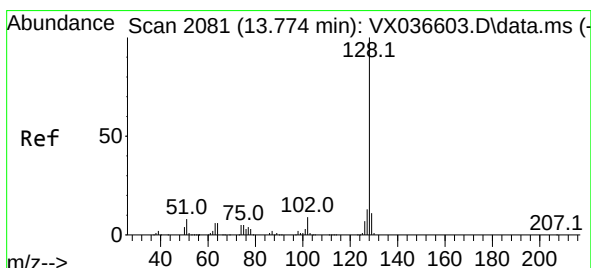
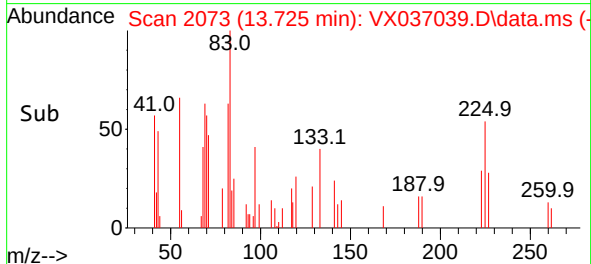
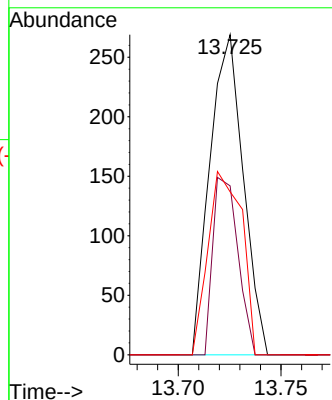
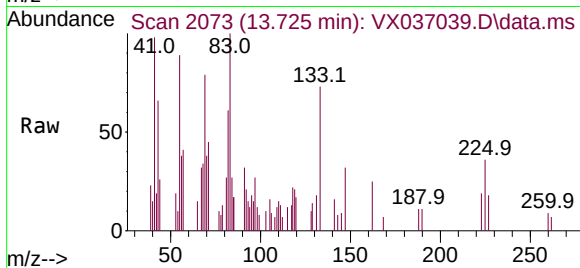
Instrument :

MSVOA_X

ClientSampleId :

NEVINS-SB02-Z64-65

Tgt Ion:	225	Resp:	303
Ion	Ratio	Lower	Upper
225	100		
223	41.6	31.1	93.2
227	58.1	32.5	97.5



#95

Naphthalene

Concen: 118.692 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX037039.D

Acq: 17 Aug 2023 05:12

Tgt Ion:	128	Resp:	932238
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.2	8.8	13.2

