

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX103122\
 Data File : VX032496.D
 Acq On : 31 Oct 2022 18:26
 Operator : JC/MD
 Sample : N5303-09 100X
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NWB-1842

Quant Time: Nov 01 05:15:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

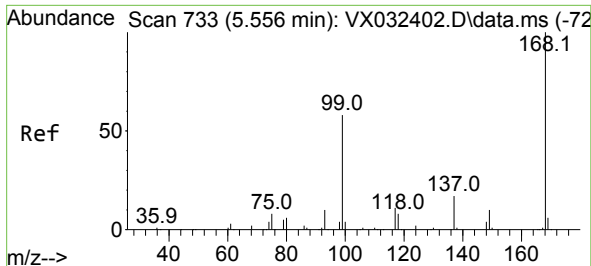
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	123004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	201153	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81657	47.777	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.560%		
35) Dibromofluoromethane	5.385	113	64664	45.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.140%		
50) Toluene-d8	8.653	98	237524	47.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.220%		
62) 4-Bromofluorobenzene	11.079	95	83396	42.791	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.580%		
Target Compounds						Qvalue
10) Methyl Iodide	2.453	142	52	1.950	ug/l #	37
11) Tert butyl alcohol	2.947	59	719	2.890	ug/l #	72
16) Acetone	2.386	43	217	0.349	ug/l #	45
17) Carbon Disulfide	2.514	76	689	0.235	ug/l #	74
20) Methylene Chloride	2.794	84	550	0.386	ug/l	93
31) Cyclohexane	5.556	56	2711	1.308	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	9719	4.864	ug/l #	49
38) Carbon Tetrachloride	5.556	117	12981	5.857	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1059	0.526	ug/l #	1
68) m/p-Xylenes	10.305	106	633	0.232	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	45831	25.229	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45831	80.280	ug/l #	6
84) 1,2,4-Trimethylbenzene	11.756	105	1900	0.345	ug/l	99
94) Hexachlorobutadiene	13.725	225	317	0.395	ug/l	88
95) Naphthalene	13.780	128	1346	0.210	ug/l	97

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

Quant Time: Nov 01 05:15:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

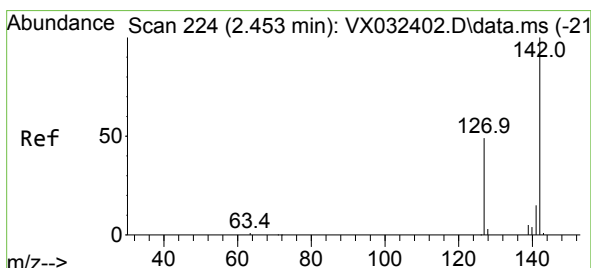
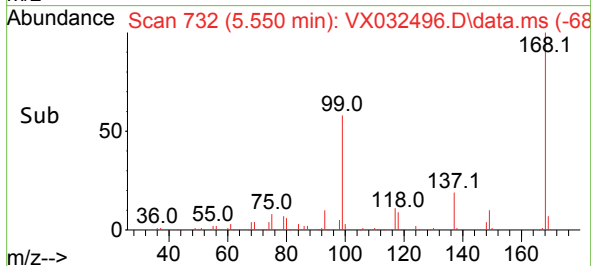
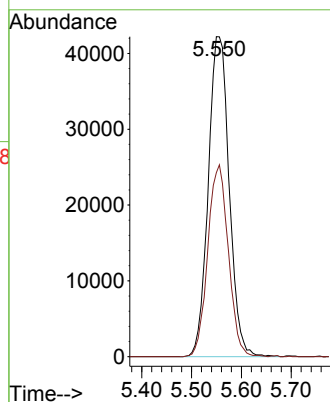
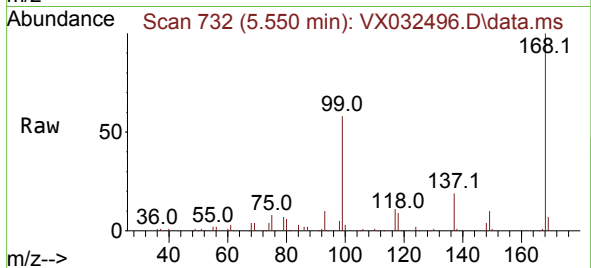




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

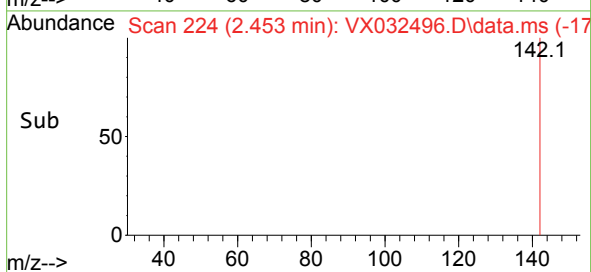
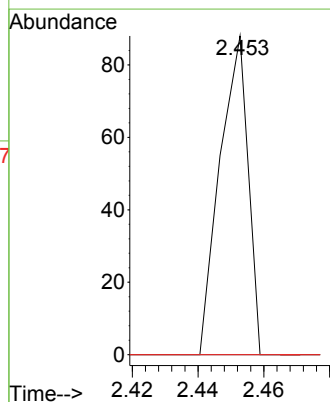
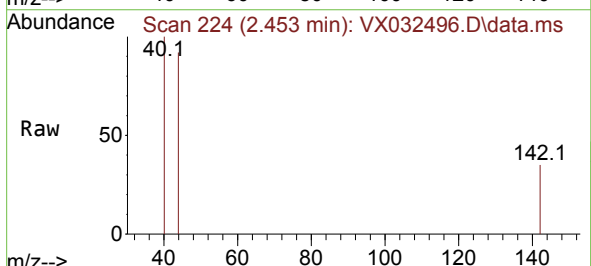
Instrument :
MSVOA_X
ClientSampleId :
NWB-1842

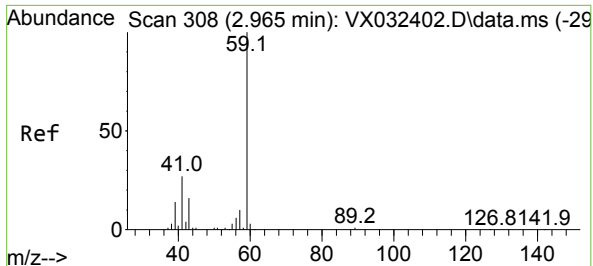
Tgt Ion:168 Resp: 123004
Ion Ratio Lower Upper
168 100
99 57.5 46.1 69.1



#10
Methyl Iodide
Concen: 1.950 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion:142 Resp: 52
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#

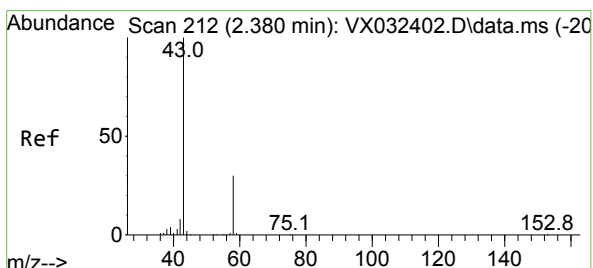
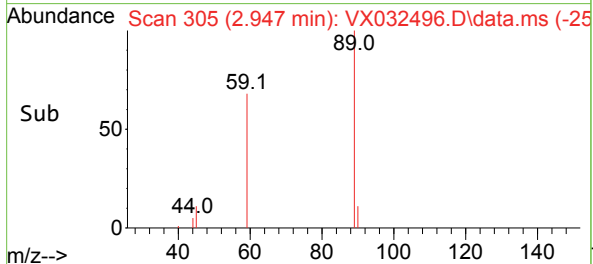
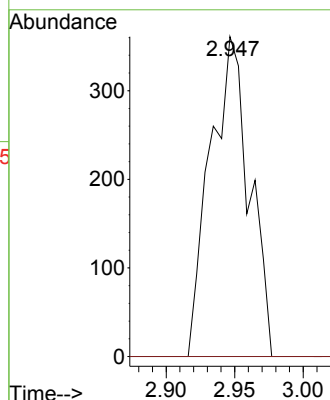
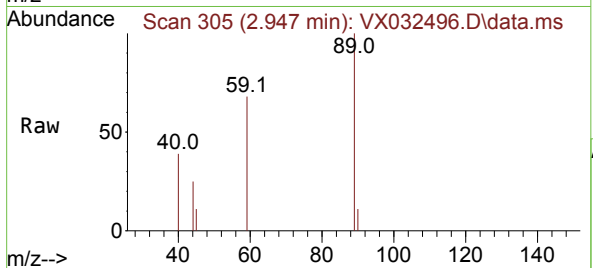




#11
Tert butyl alcohol
Concen: 2.890 ug/l
RT: 2.947 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

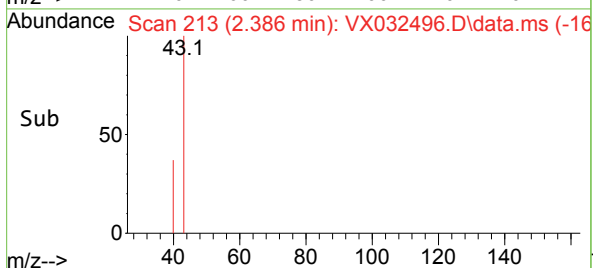
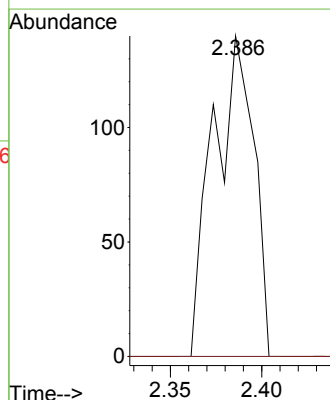
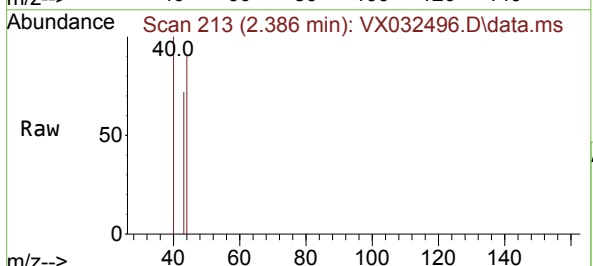
Instrument :
MSVOA_X
ClientSampleId :
NWB-1842

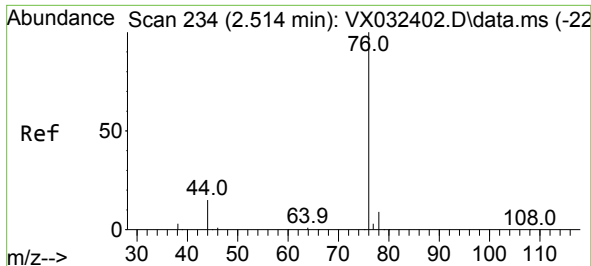
Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 0.349 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.235 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX032496.D

Acq: 31 Oct 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

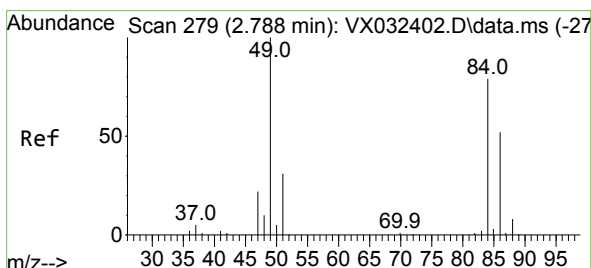
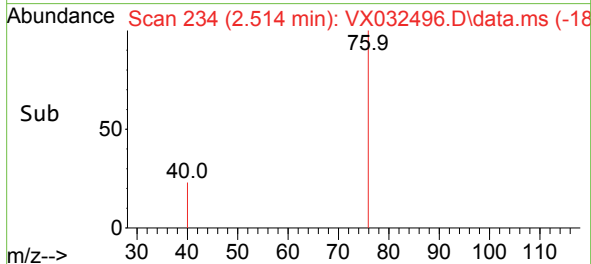
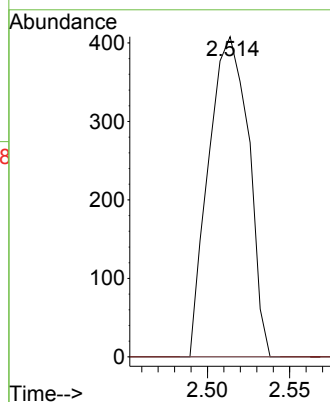
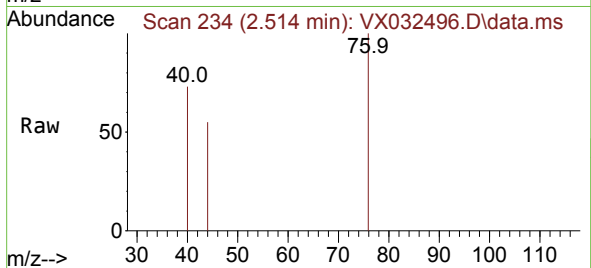
NWB-1842

Tgt Ion: 76 Resp: 689

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#



#20

Methylene Chloride

Concen: 0.386 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032496.D

Acq: 31 Oct 2022 18:26

Tgt Ion: 84 Resp: 550

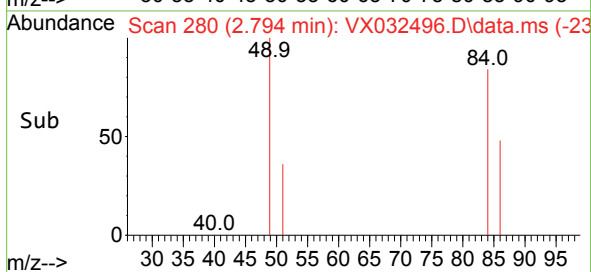
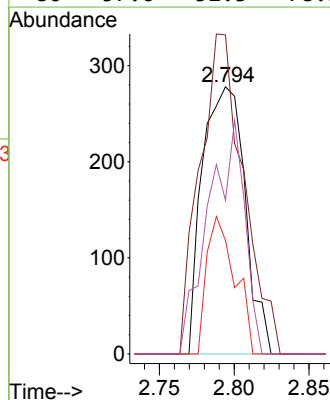
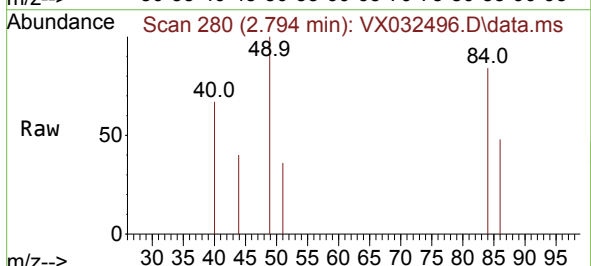
Ion Ratio Lower Upper

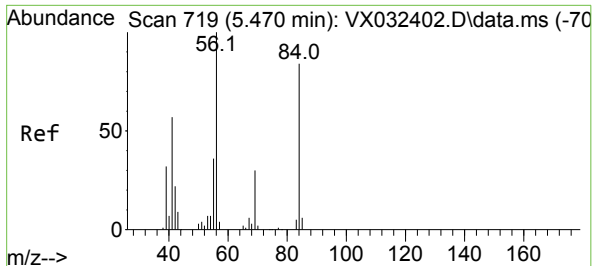
84 100

49 119.4 101.0 151.6

51 42.4 31.1 46.7

86 57.6 52.3 78.5

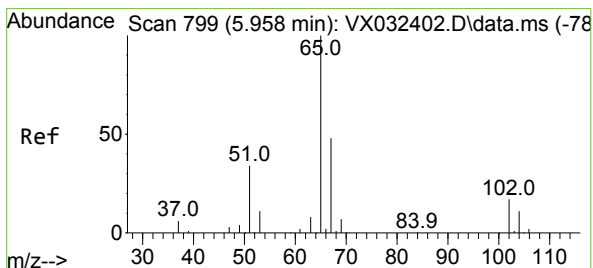
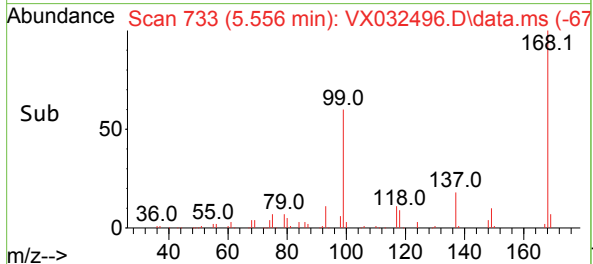
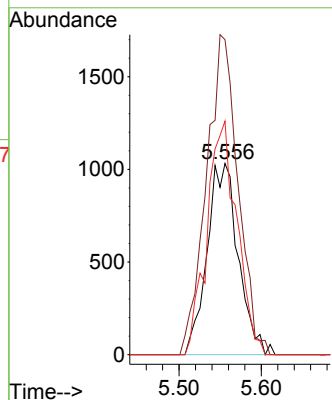
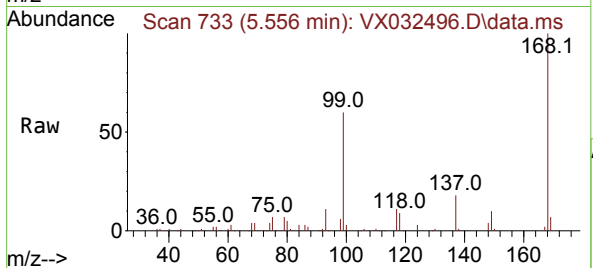




#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

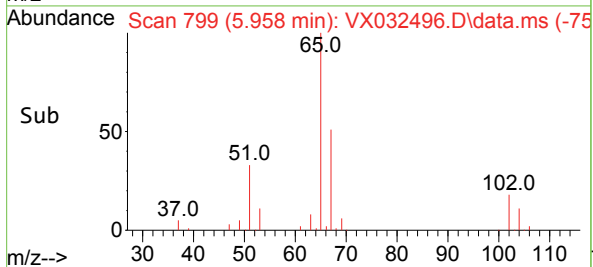
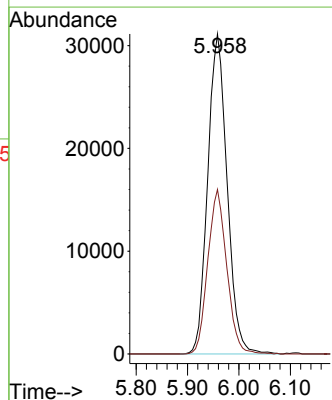
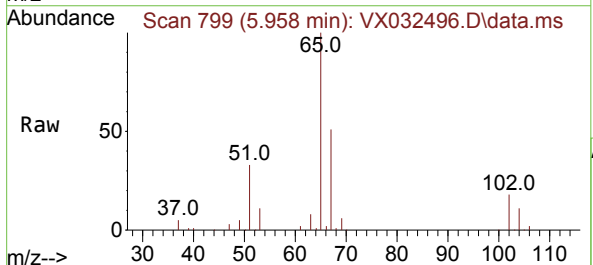
Instrument :
MSVOA_X
ClientSampleId :
NWB-1842

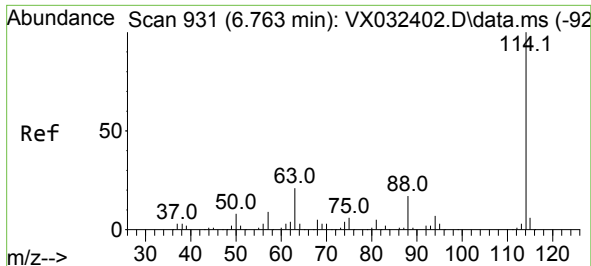
Tgt Ion: 56 Resp: 2711
Ion Ratio Lower Upper
56 100
69 164.7 24.1 36.1#
84 122.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 47.777 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion: 65 Resp: 81657
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8

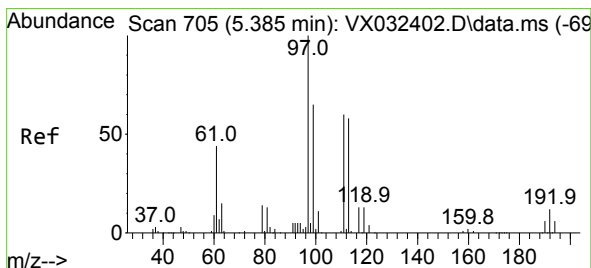
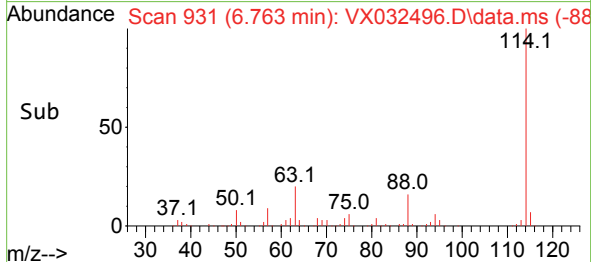
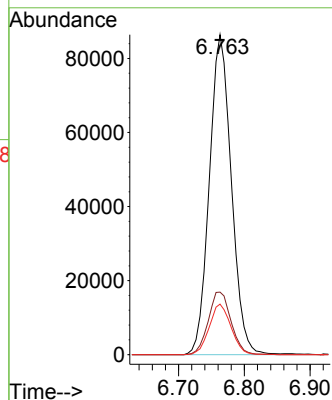
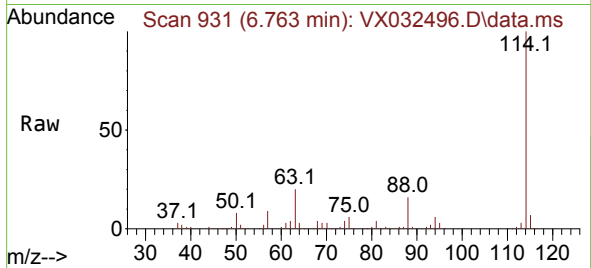




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

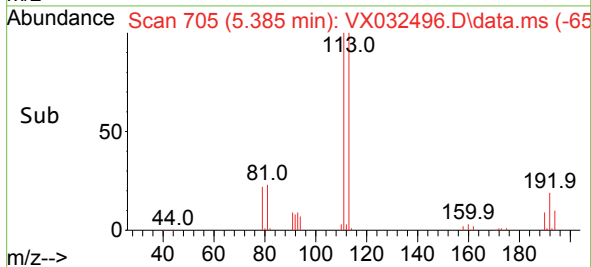
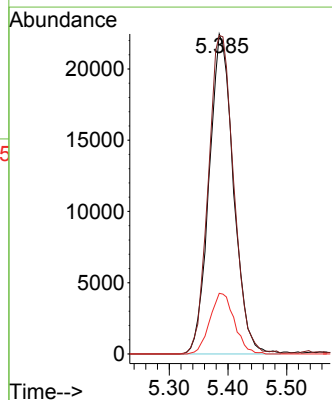
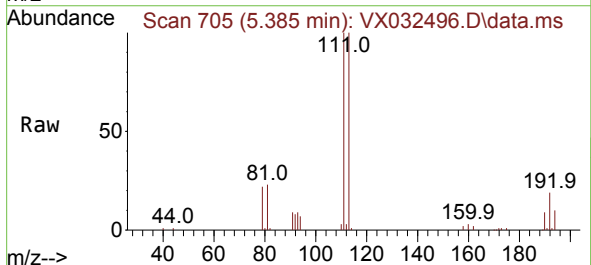
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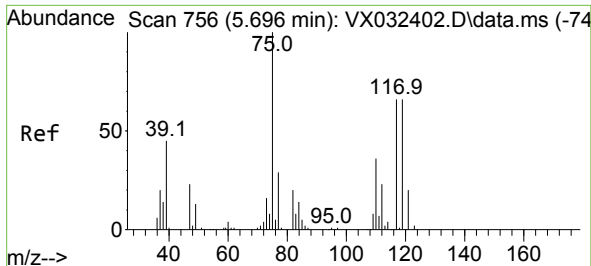
Tgt Ion:114 Resp: 201153
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.067 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion:113 Resp: 64664
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.0 15.4 23.2

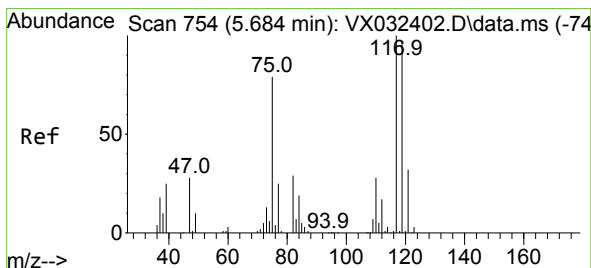
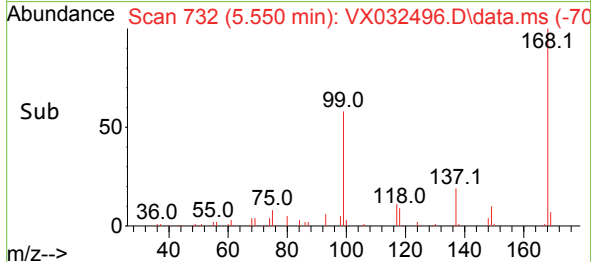
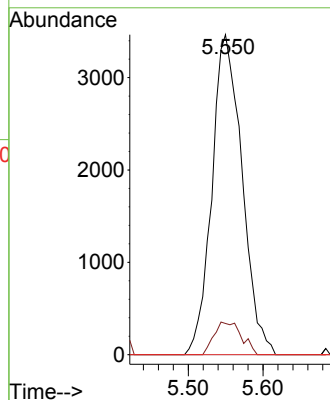
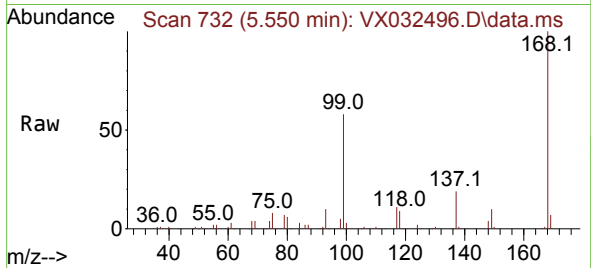




#36
1,1-Dichloropropene
Concen: 4.864 ug/l
RT: 5.550 min Scan# 719
Delta R.T. -0.146 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

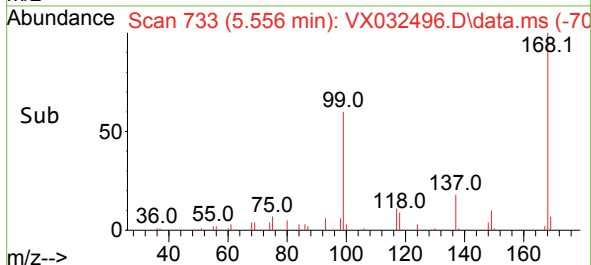
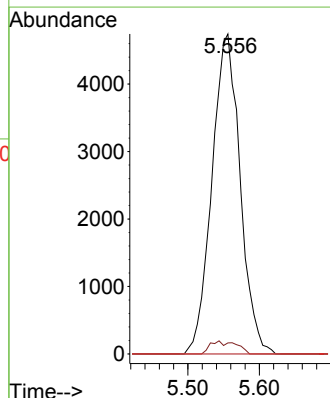
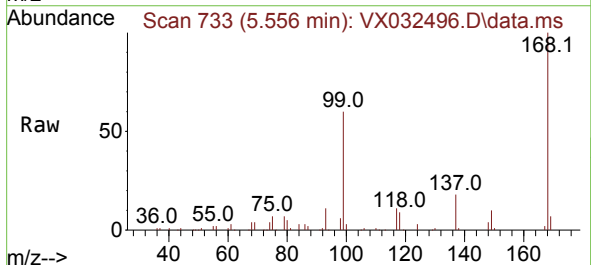
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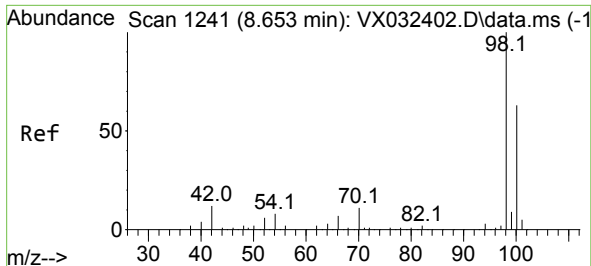
Tgt Ion: 75 Resp: 9719
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.857 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion: 117 Resp: 12981
Ion Ratio Lower Upper
117 100
119 3.5 77.2 115.8#
121 0.0 25.8 38.6#

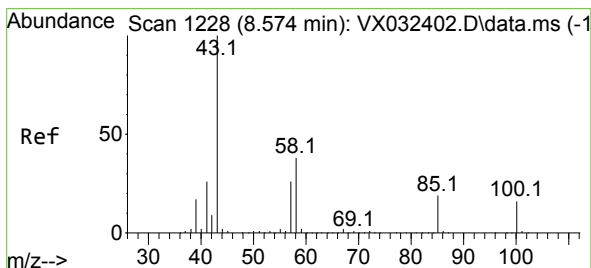
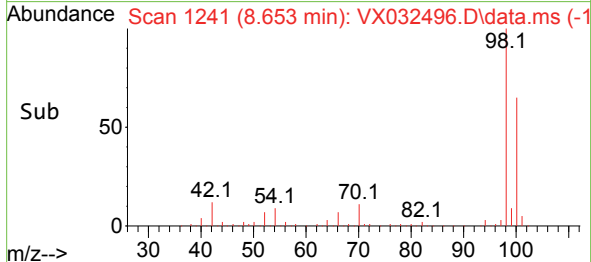
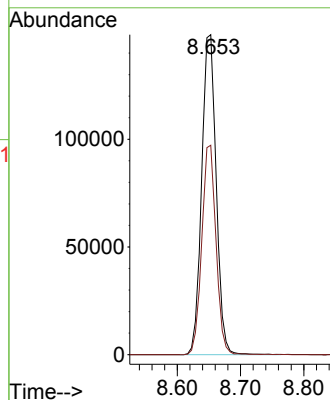
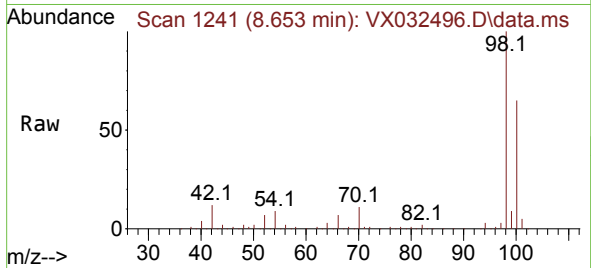




#50
Toluene-d8
Concen: 47.607 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

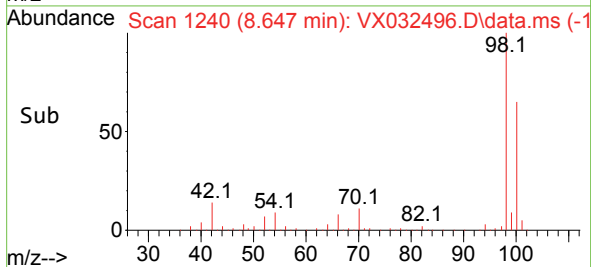
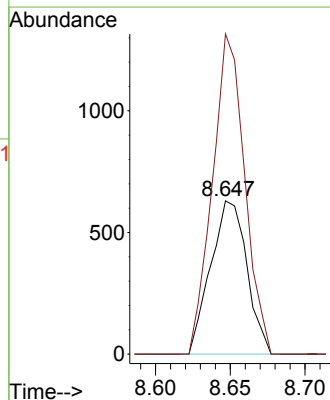
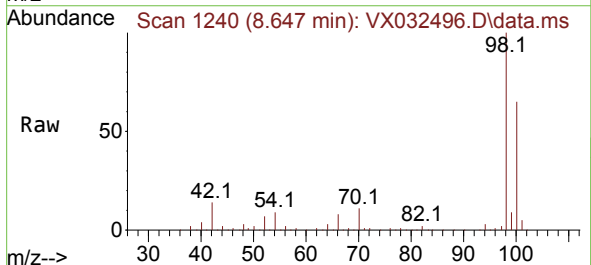
Instrument :
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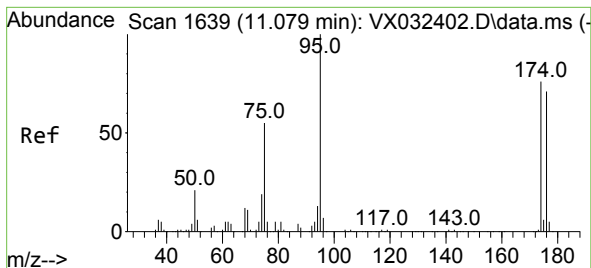
Tgt Ion: 98 Resp: 237524
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion: 43 Resp: 1059
Ion Ratio Lower Upper
43 100
58 186.7 30.9 46.3#

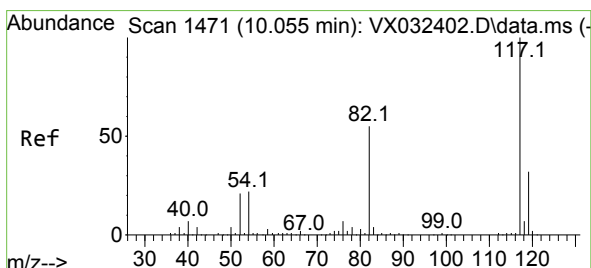
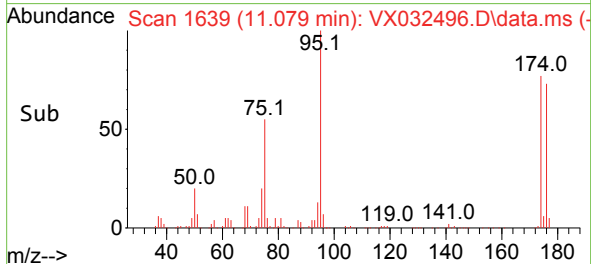
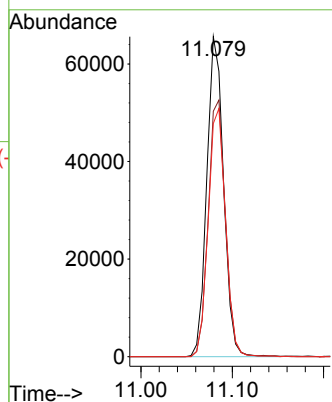
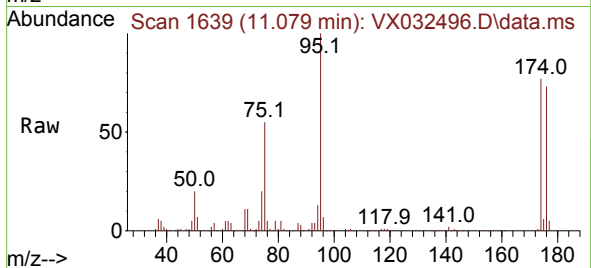




#62
4-Bromofluorobenzene
Concen: 42.791 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

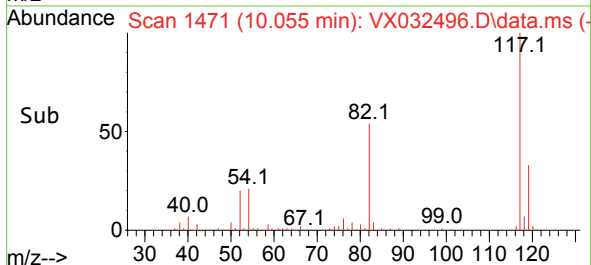
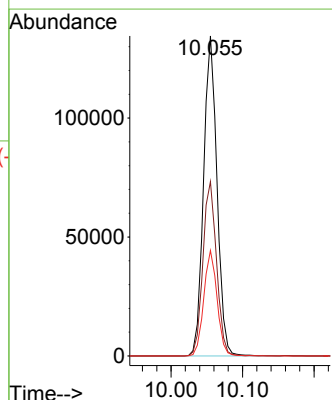
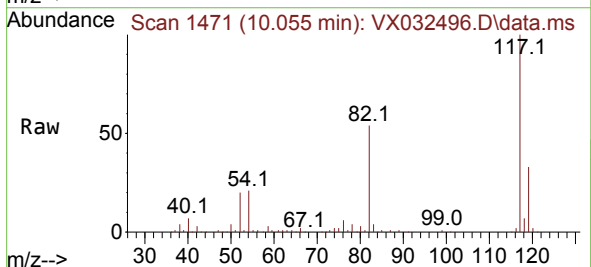
Instrument :
MSVOA_X
ClientSampleId :
NWB-1842

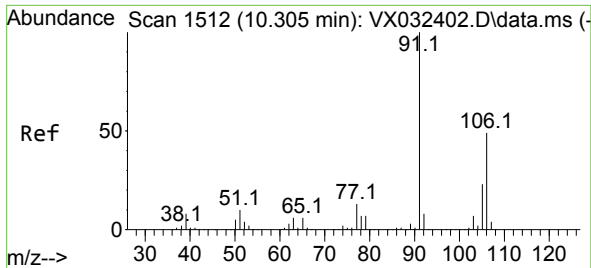
Tgt Ion: 95 Resp: 83396
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 80.0 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion: 117 Resp: 175548
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 33.0 25.7 38.5

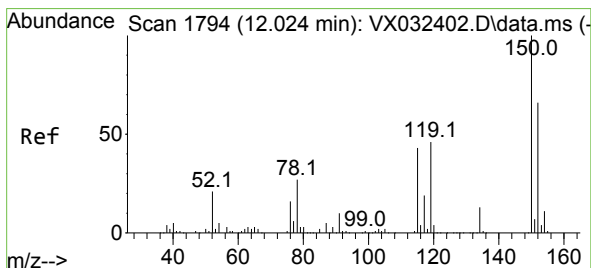
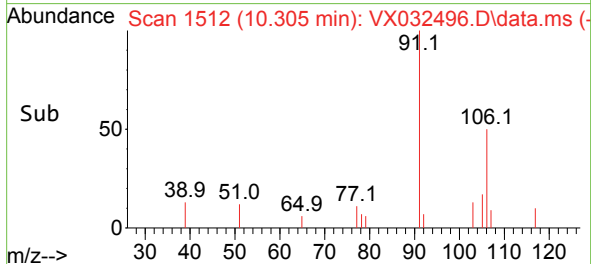
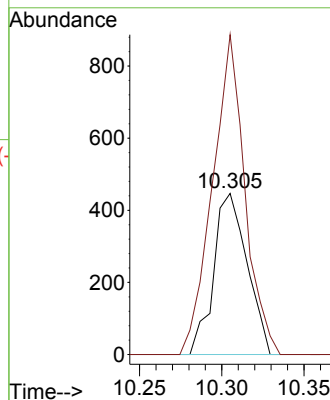
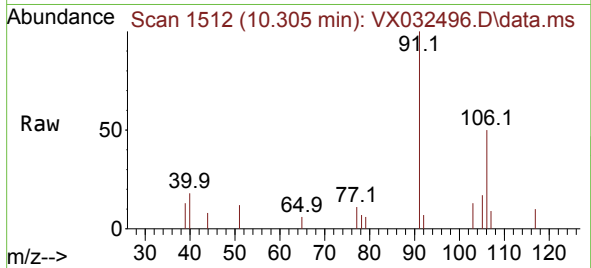




#68
m/p-Xylenes
Concen: 0.232 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

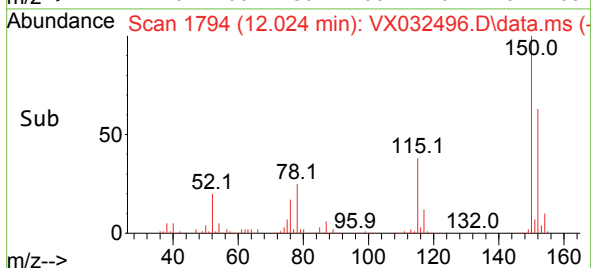
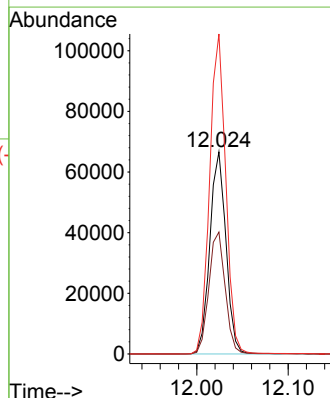
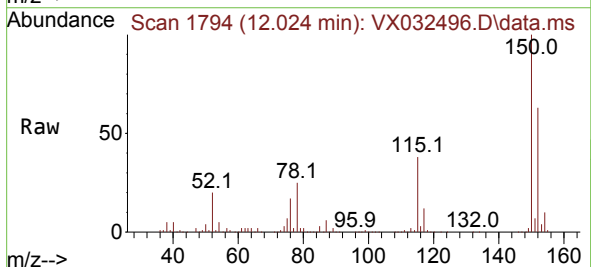
Instrument :
MSVOA_X
ClientSampleId :
NWB-1842

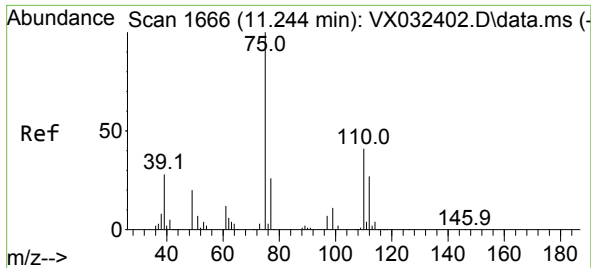
Tgt Ion:106 Resp: 633
Ion Ratio Lower Upper
106 100
91 192.1 164.5 246.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion:152 Resp: 81653
Ion Ratio Lower Upper
152 100
115 61.3 44.0 132.0
150 157.6 0.0 351.8

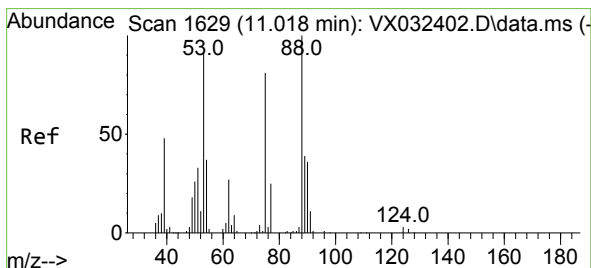
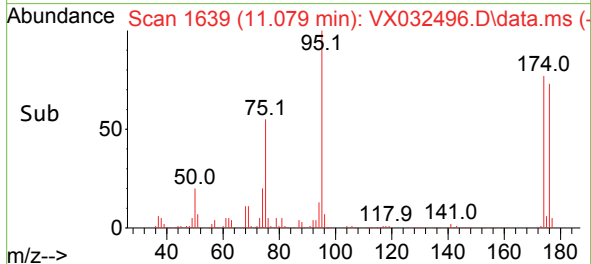
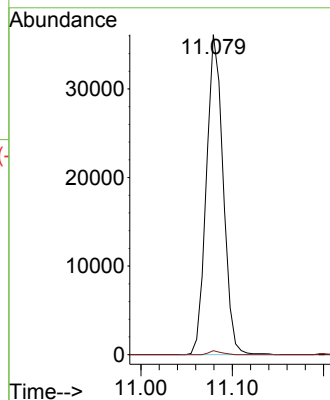
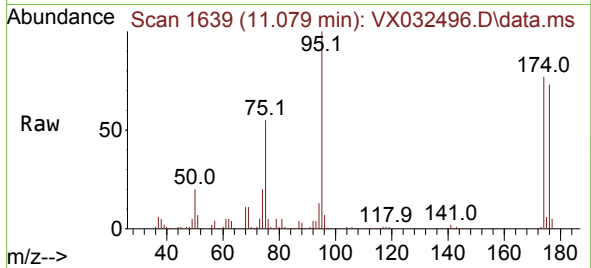




#76
1,2,3-Trichloropropane
Concen: 25.229 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

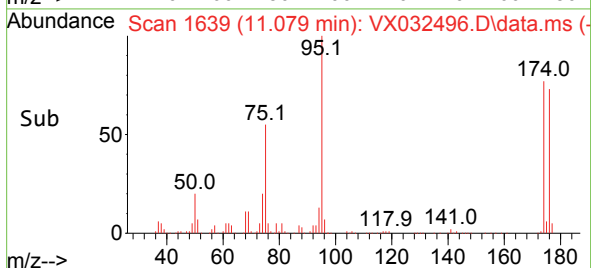
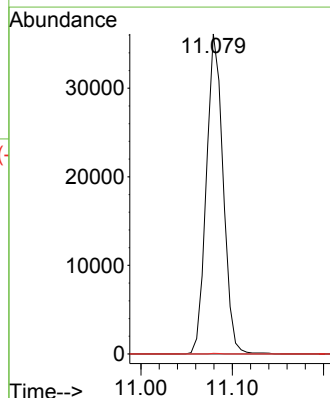
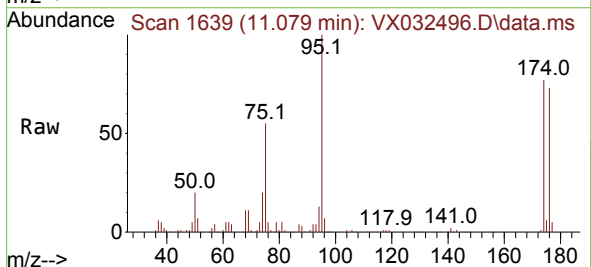
Instrument :
MSVOA_X
ClientSampleId :
NWB-1842

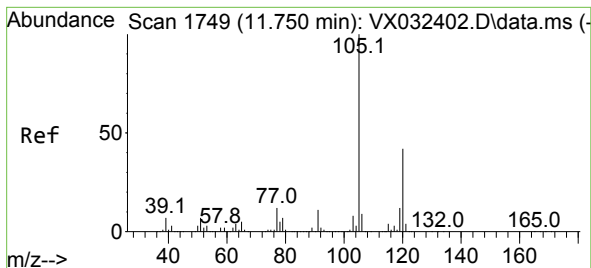
Tgt Ion: 75 Resp: 45831
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.280 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Tgt Ion: 75 Resp: 45831
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.1 38.3 57.5#





#84

1,2,4-Trimethylbenzene

Concen: 0.345 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX032496.D

Acq: 31 Oct 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

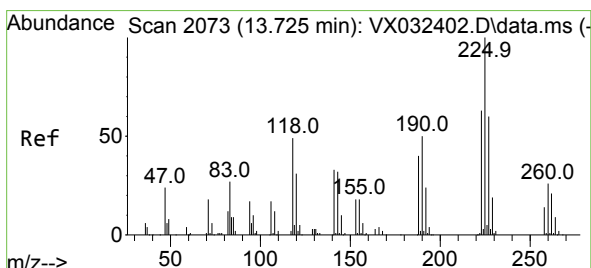
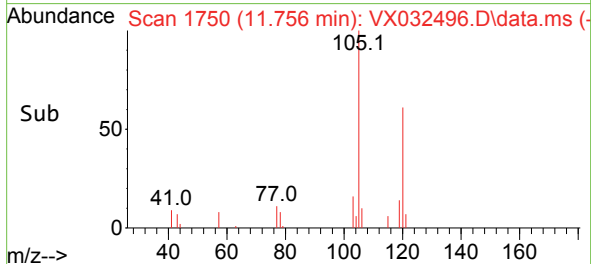
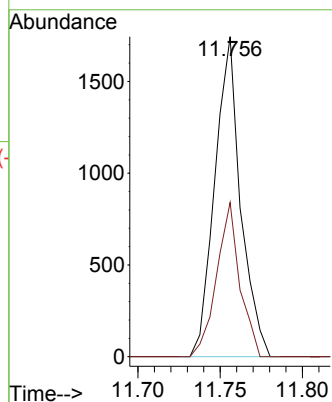
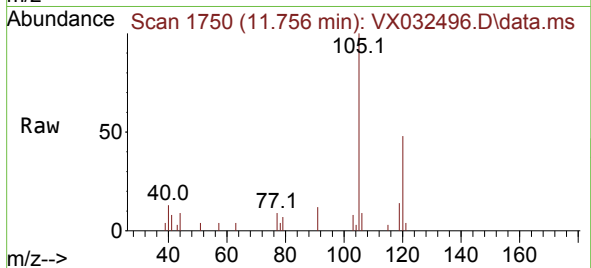
NWB-1842

Tgt Ion:105 Resp: 1900

Ion Ratio Lower Upper

105 100

120 43.3 21.9 65.5



#94

Hexachlorobutadiene

Concen: 0.395 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX032496.D

Acq: 31 Oct 2022 18:26

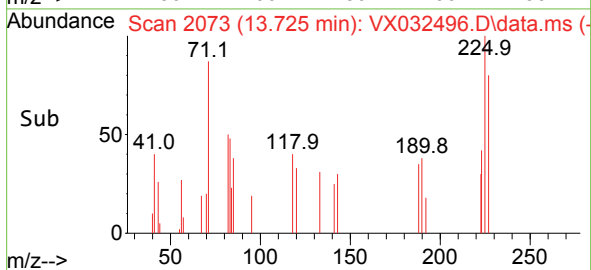
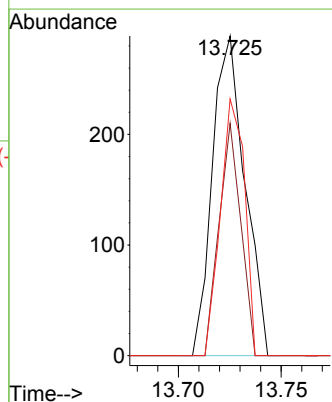
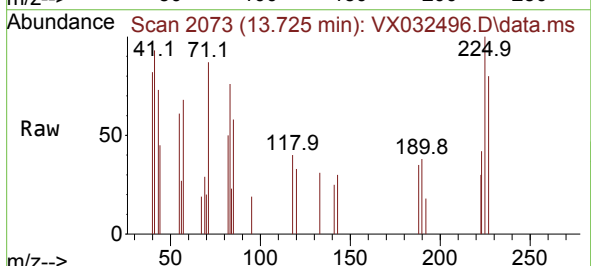
Tgt Ion:225 Resp: 317

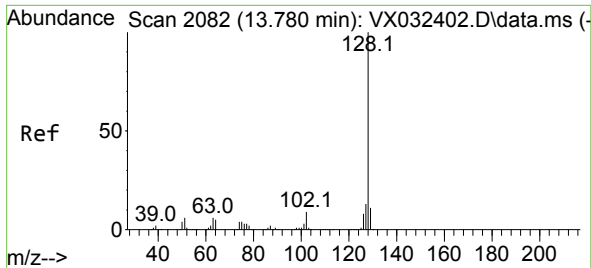
Ion Ratio Lower Upper

225 100

223 48.9 31.9 95.9

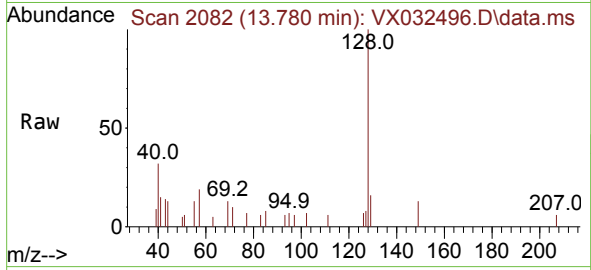
227 59.9 31.9 95.5





#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032496.D
Acq: 31 Oct 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :
NWB-1842



Tgt Ion:	128	Resp:	1346
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.4
129	12.2	8.9	13.3

