

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077150.D
 Acq On : 23 Mar 2023 15:29
 Operator : JC\MD
 Sample : 01849-10
 Misc : 10.71g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-44.5-030823

Quant Time: Mar 24 01:34:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

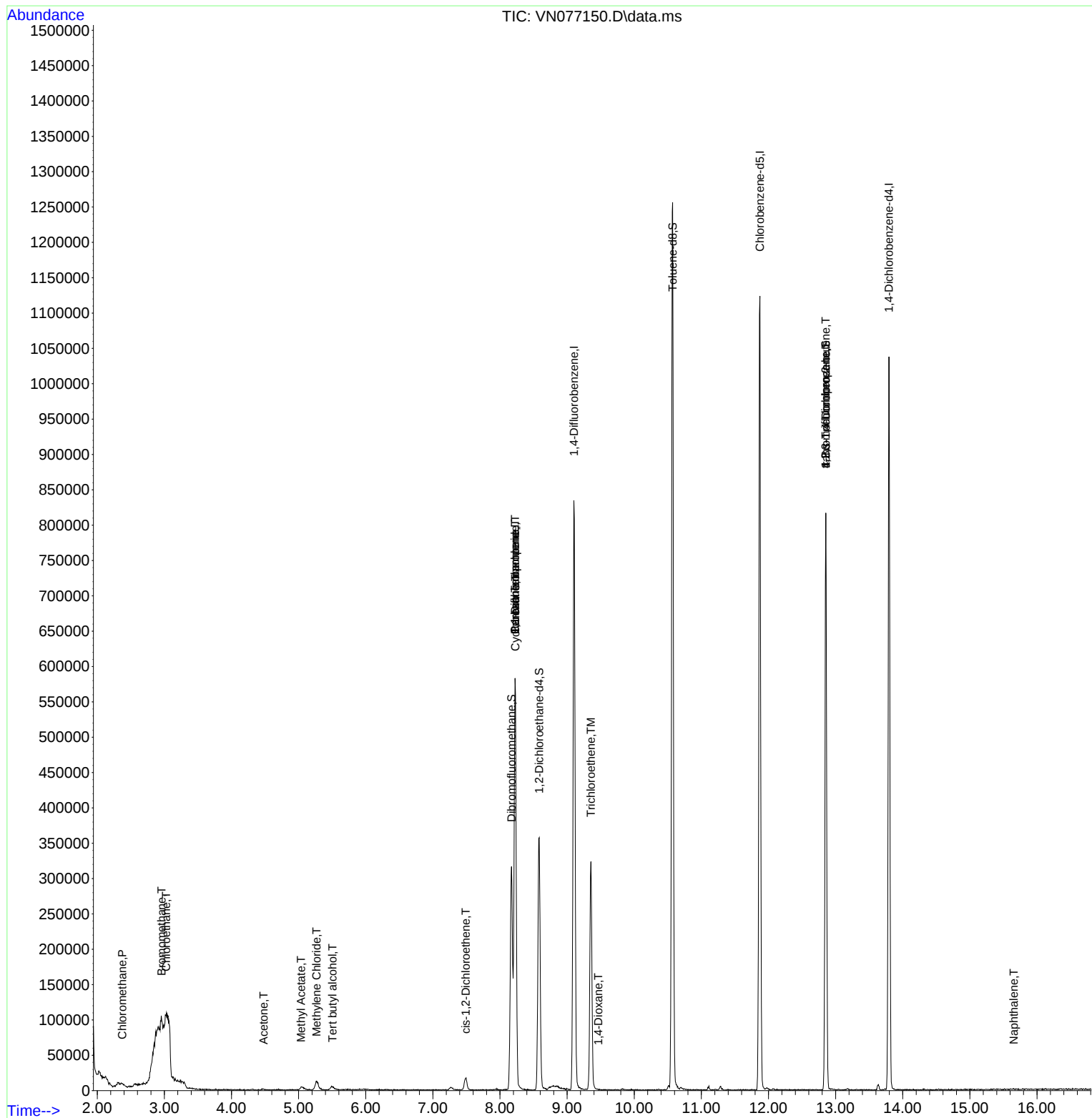
Internal Standards						
1) Pentafluorobenzene	8.225	168	411296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	690334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	625993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	257996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	296912	45.194	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.380%		
35) Dibromofluoromethane	8.172	113	216702	44.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.640%		
50) Toluene-d8	10.572	98	857114	49.632	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.260%		
62) 4-Bromofluorobenzene	12.854	95	266399	43.655	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.300%		
Target Compounds						Qvalue
3) Chloromethane	2.372	50	835	0.201	ug/l #	43
5) Bromomethane	2.960	94	610	0.202	ug/l #	3
6) Chloroethane	3.025	64	32857	11.609	ug/l #	49
11) Tert butyl alcohol	5.507	59	4645	4.852	ug/l #	72
16) Acetone	4.478	43	1846	0.631	ug/l #	43
18) Methyl Acetate	5.037	43	5953	0.539	ug/l #	83
20) Methylene Chloride	5.266	84	9193	1.447	ug/l #	90
27) cis-1,2-Dichloroethene	7.489	96	8907	1.437	ug/l	89
31) Cyclohexane	8.230	56	11458	1.066	ug/l #	27
36) 1,1-Dichloropropene	8.225	75	37891	5.018	ug/l #	51
38) Carbon Tetrachloride	8.225	117	45798	6.227	ug/l #	15
44) Trichloroethene	9.354	130	111218	21.143	ug/l	98
49) 1,4-Dioxane	9.466	88	58	0.563	ug/l #	1
76) 1,2,3-Trichloropropane	12.854	75	145543	21.809	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	145543	60.032	ug/l #	10
95) Naphthalene	15.654	128	1283	1.984	ug/l #	87

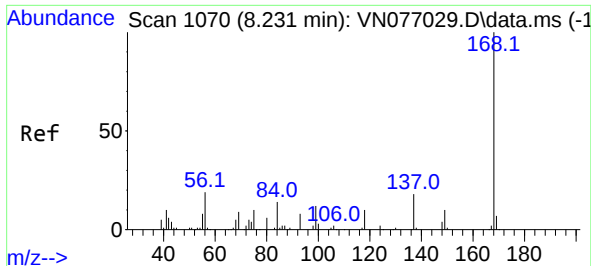
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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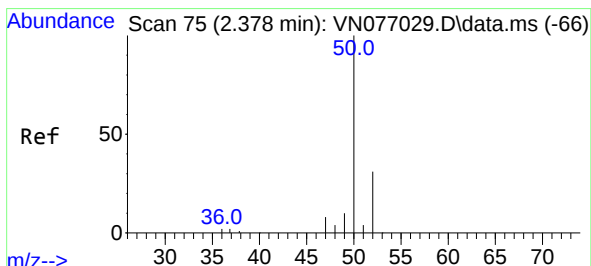
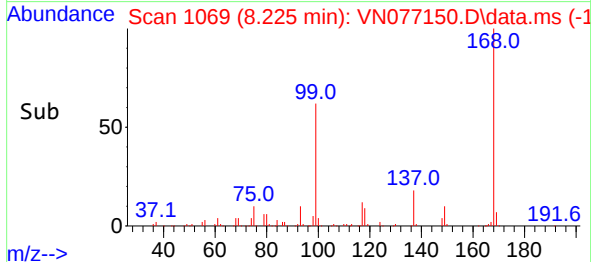
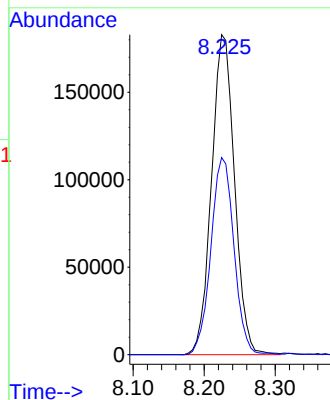
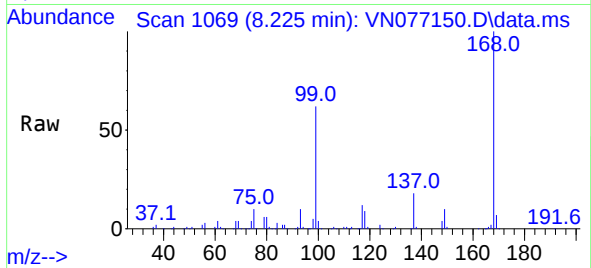




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

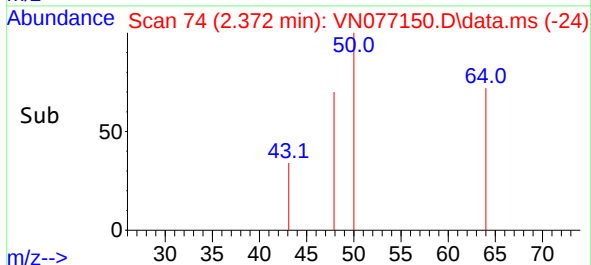
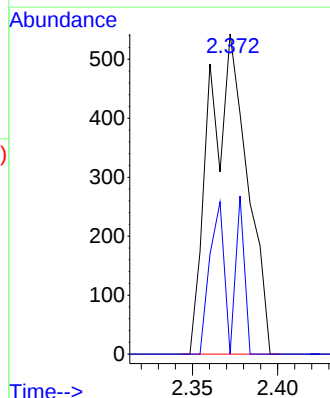
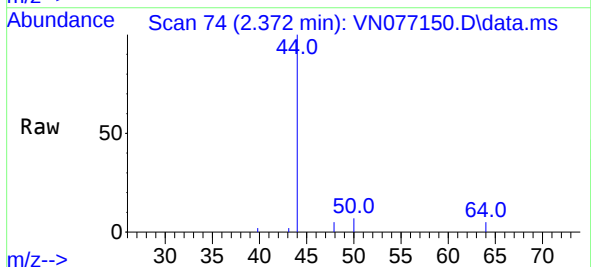
Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

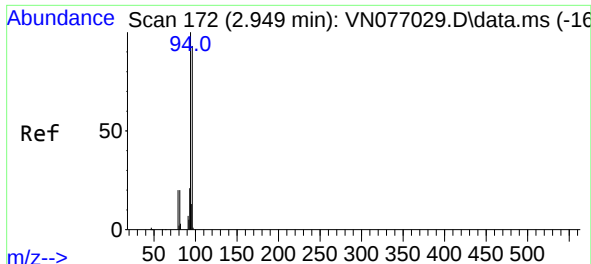
Tgt Ion:168 Resp: 411296
Ion Ratio Lower Upper
168 100
99 61.6 53.9 80.9



#3
Chloromethane
Concen: 0.201 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 50 Resp: 835
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

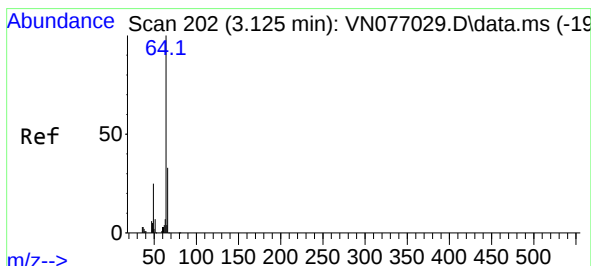
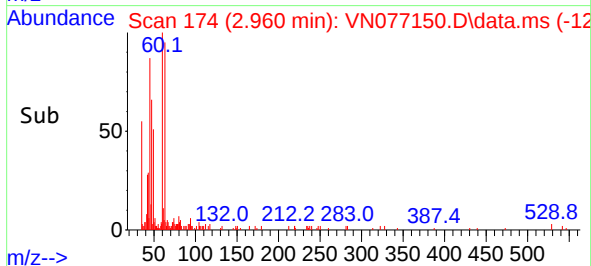
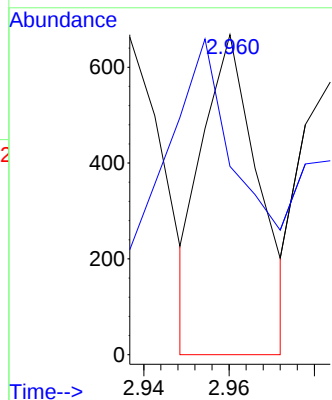
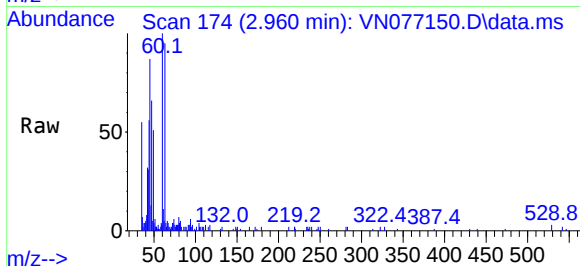




#5
Bromomethane
Concen: 0.202 ug/l
RT: 2.960 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

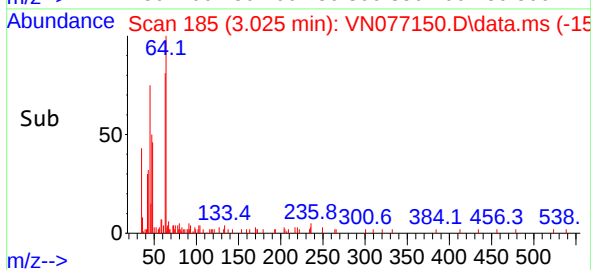
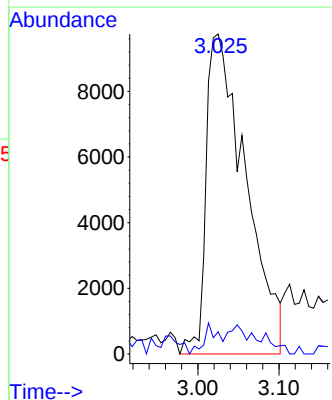
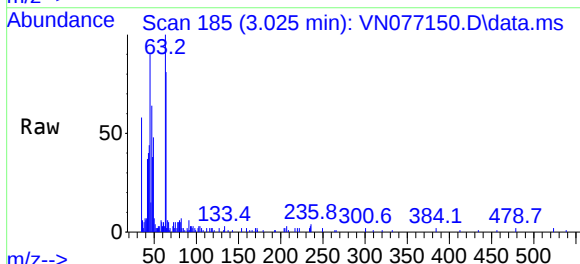
Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

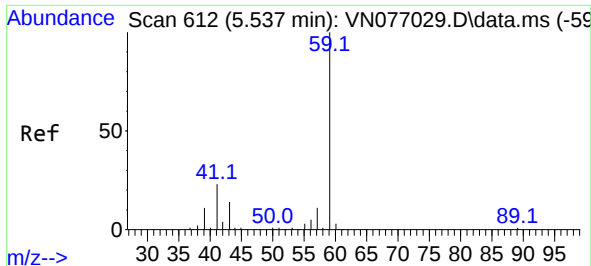
Tgt Ion: 94 Resp: 610
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



#6
Chloroethane
Concen: 11.609 ug/l
RT: 3.025 min Scan# 185
Delta R.T. -0.100 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 64 Resp: 32857
Ion Ratio Lower Upper
64 100
66 4.4 26.3 39.5#

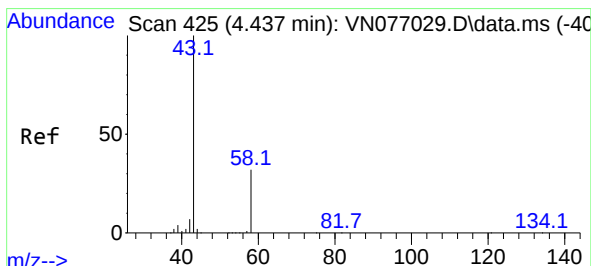
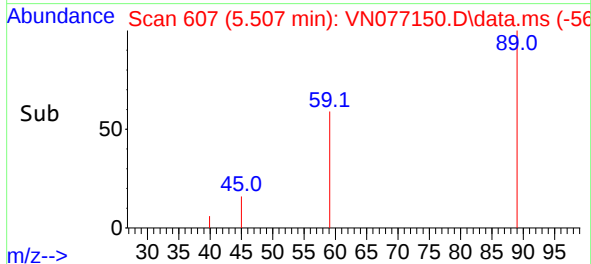
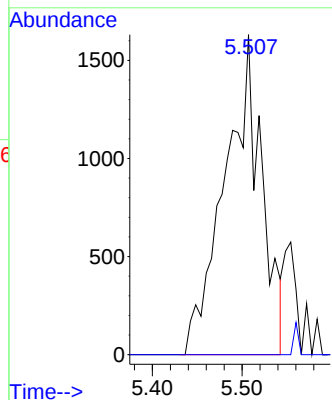
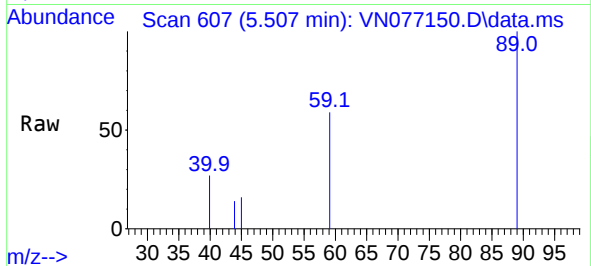




#11
Tert butyl alcohol
Concen: 4.852 ug/l
RT: 5.507 min Scan# 612
Delta R.T. -0.030 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

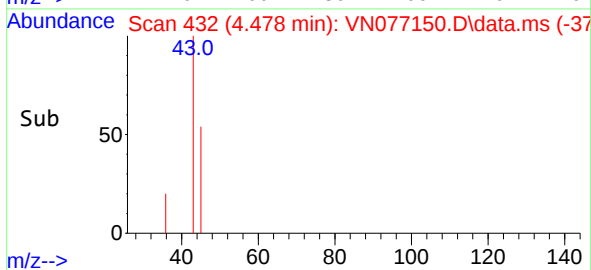
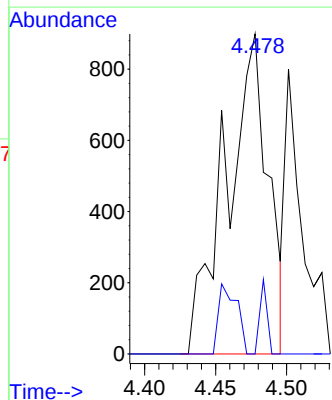
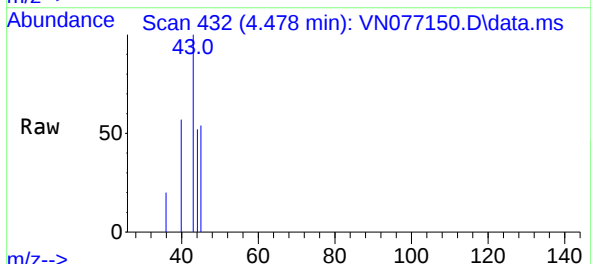
Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

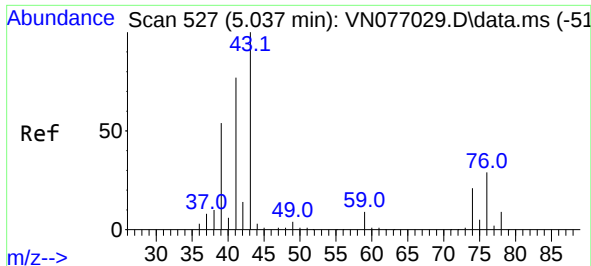
Tgt Ion: 59 Resp: 4645
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 0.631 ug/l
RT: 4.478 min Scan# 432
Delta R.T. 0.041 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 43 Resp: 1846
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.0#





#18

Methyl Acetate

Concen: 0.539 ug/l

RT: 5.037 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077150.D

Acq: 23 Mar 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

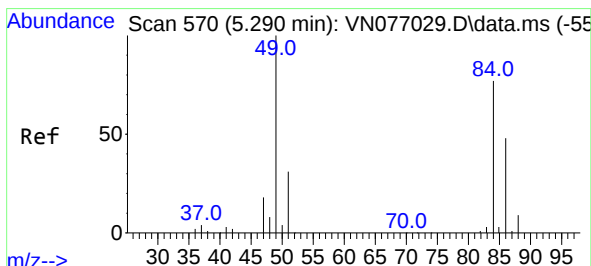
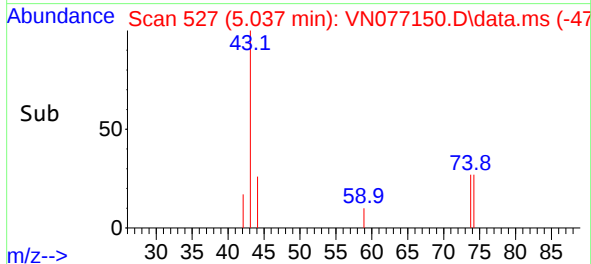
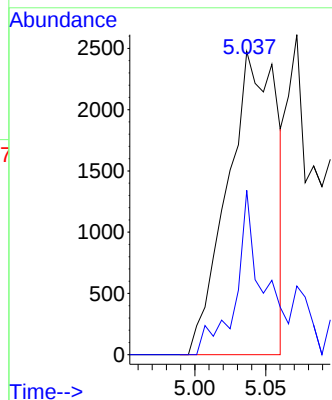
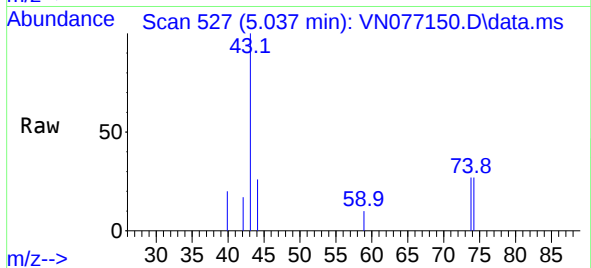
CB-10-44.5-030823

Tgt Ion: 43 Resp: 5953

Ion Ratio Lower Upper

43 100

74 30.3 17.7 26.5#



#20

Methylene Chloride

Concen: 1.447 ug/l

RT: 5.266 min Scan# 566

Delta R.T. -0.024 min

Lab File: VN077150.D

Acq: 23 Mar 2023 15:29

Tgt Ion: 84 Resp: 9193

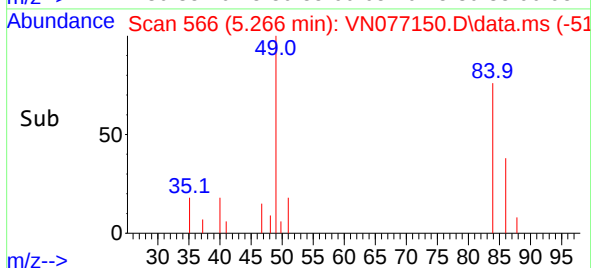
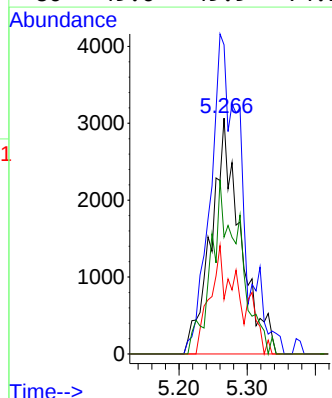
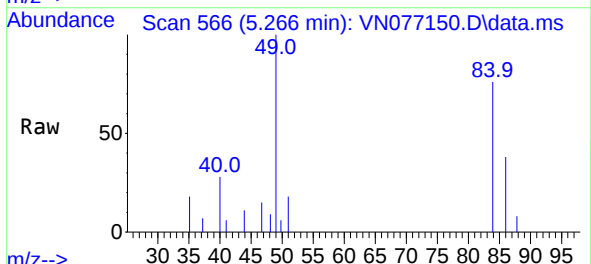
Ion Ratio Lower Upper

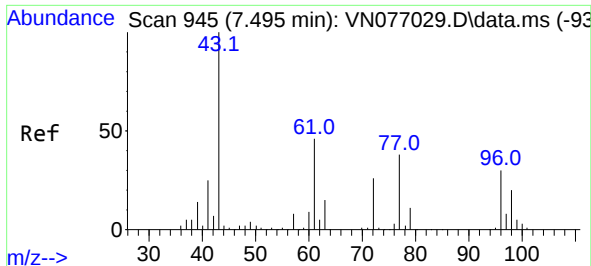
84 100

49 131.1 103.8 155.6

51 23.2 32.3 48.5#

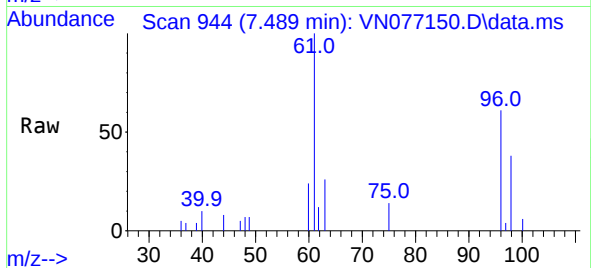
86 49.6 49.9 74.9#





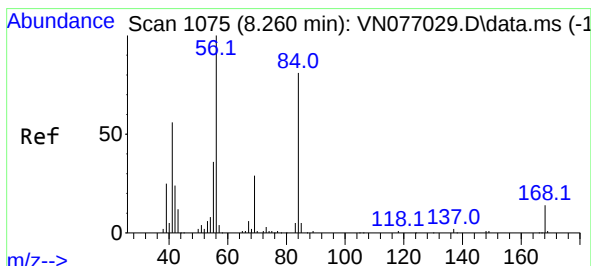
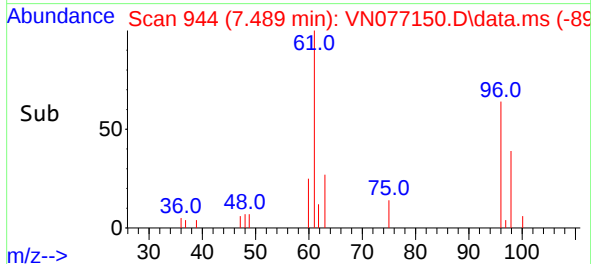
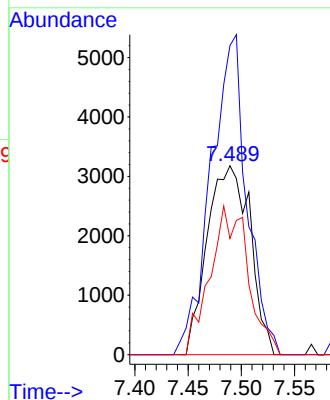
#27
 cis-1,2-Dichloroethene
 Concen: 1.437 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077150.D
 Acq: 23 Mar 2023 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-10-44.5-030823



Tgt Ion: 96 Resp: 8907

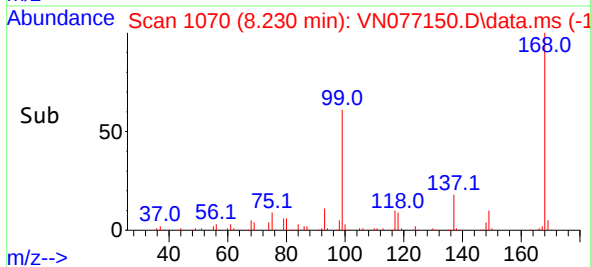
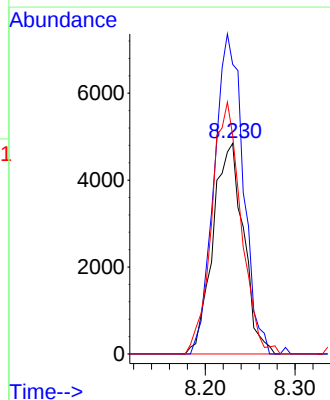
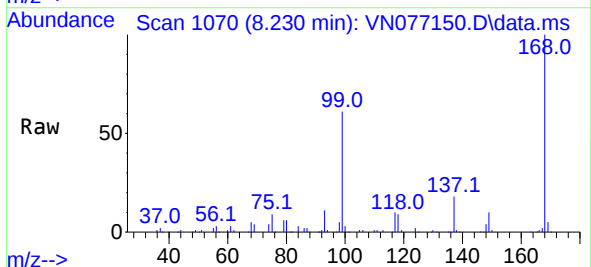
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	315.4
98	69.9	0.0	128.6

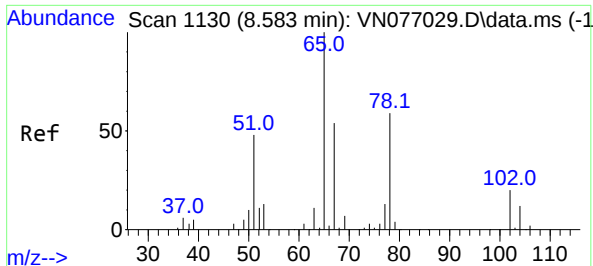


#31
 Cyclohexane
 Concen: 1.066 ug/l
 RT: 8.230 min Scan# 1070
 Delta R.T. -0.030 min
 Lab File: VN077150.D
 Acq: 23 Mar 2023 15:29

Tgt Ion: 56 Resp: 11458

Ion	Ratio	Lower	Upper
56	100		
69	137.5	22.8	34.2#
84	103.7	64.7	97.1#





#33

1,2-Dichloroethane-d4

Concen: 45.194 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077150.D

Acq: 23 Mar 2023 15:29

Instrument :

MSVOA_N

ClientSampleId :

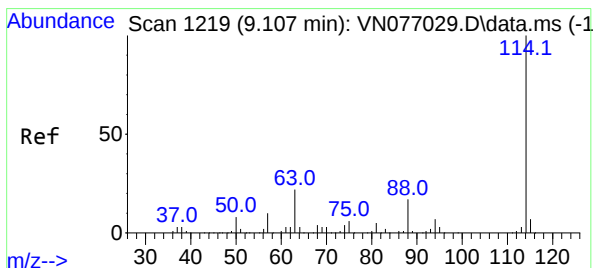
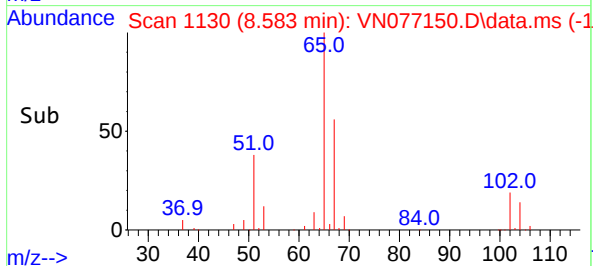
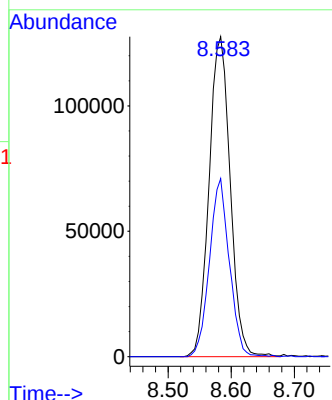
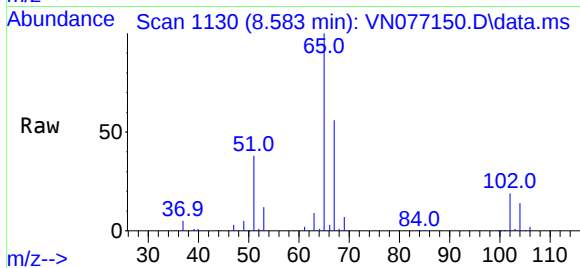
CB-10-44.5-030823

Tgt Ion: 65 Resp: 296912

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077150.D

Acq: 23 Mar 2023 15:29

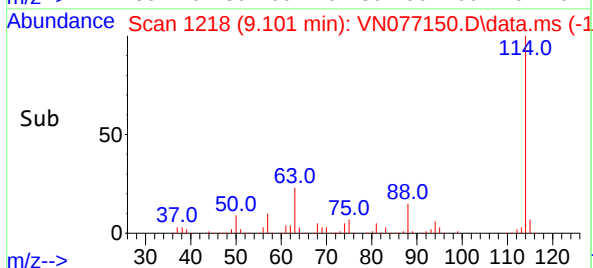
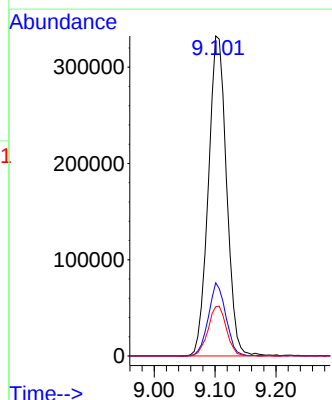
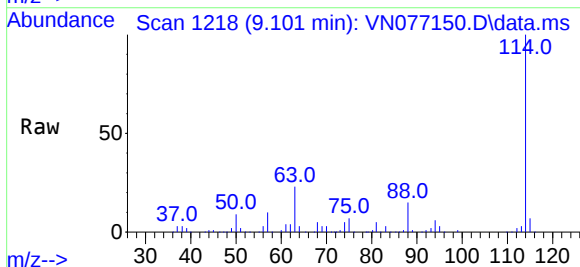
Tgt Ion: 114 Resp: 690334

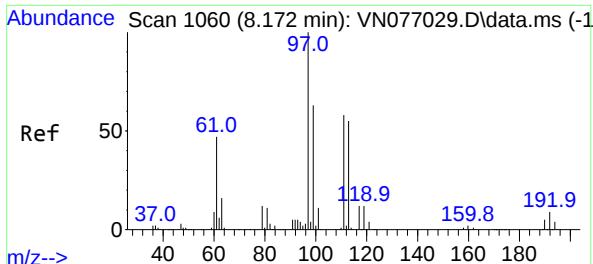
Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.4 0.0 33.8

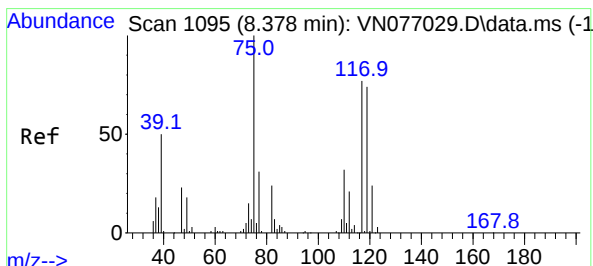
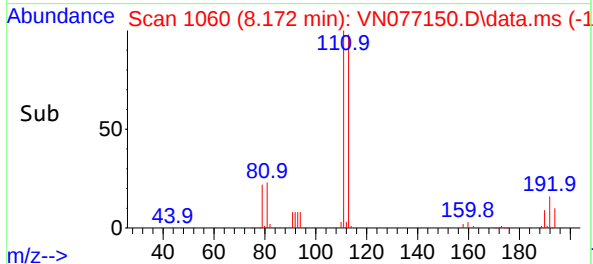
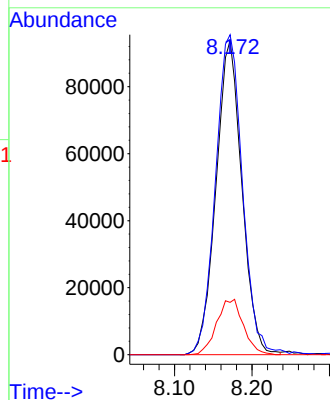
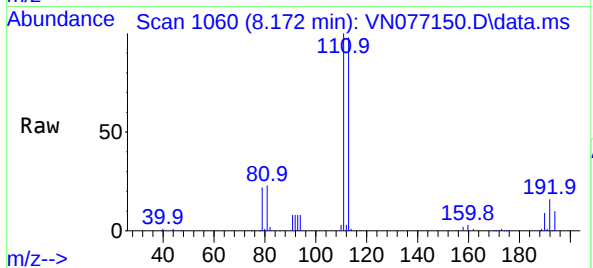




#35
Dibromofluoromethane
Concen: 44.824 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

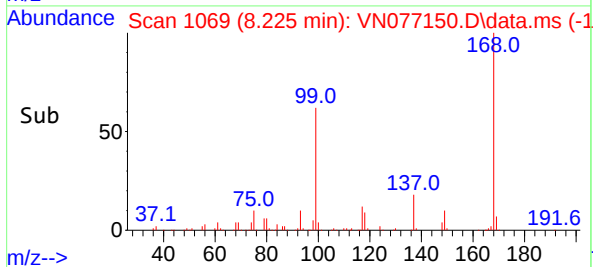
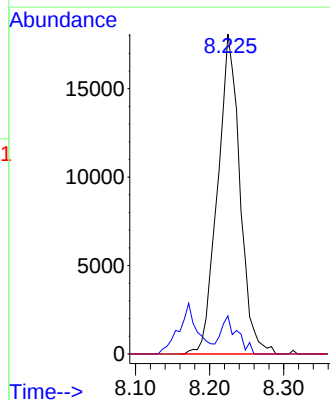
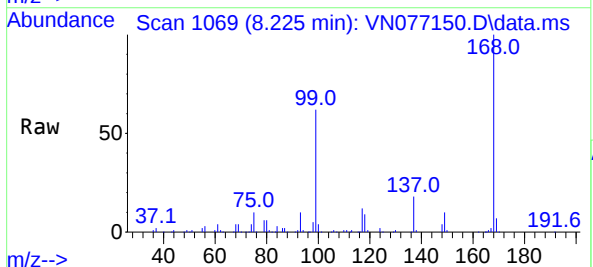
Instrument :
MSVOA_N
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CB-10-44.5-030823

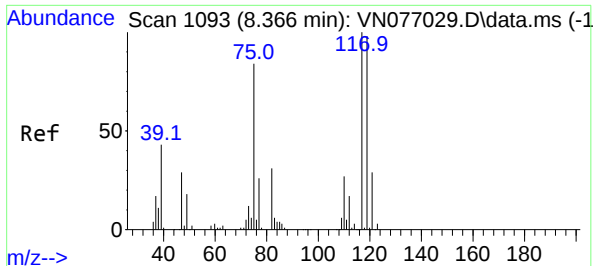
Tgt Ion:113 Resp: 216702
Ion Ratio Lower Upper
113 100
111 106.4 82.2 123.2
192 18.2 13.0 19.6



#36
1,1-Dichloropropene
Concen: 5.018 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

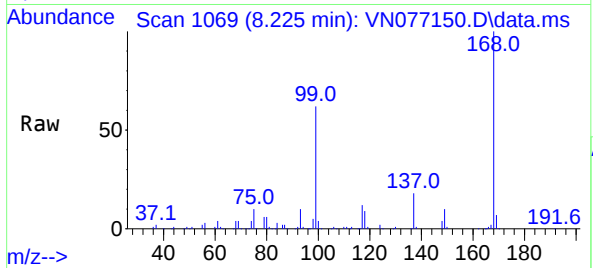
Tgt Ion: 75 Resp: 37891
Ion Ratio Lower Upper
75 100
110 8.6 15.9 47.7#
77 0.0 24.3 36.5#



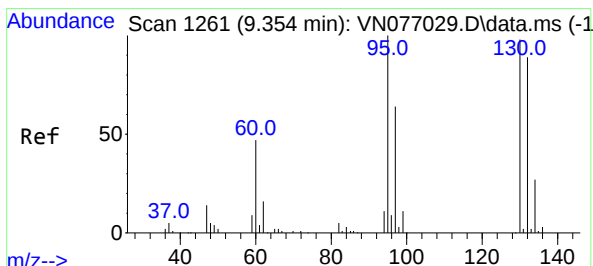
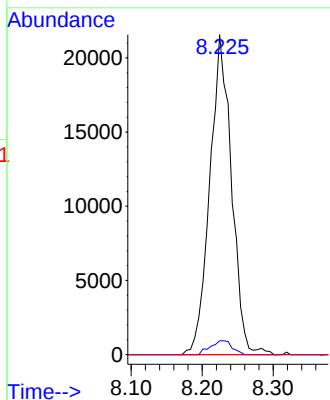
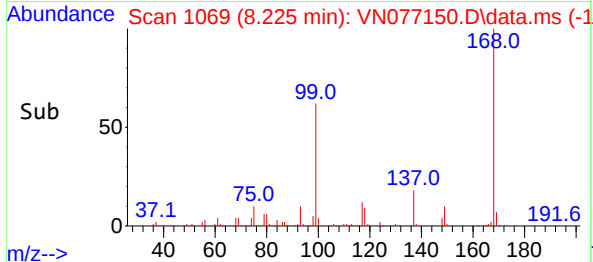


#38
Carbon Tetrachloride
Concen: 6.227 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.141 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

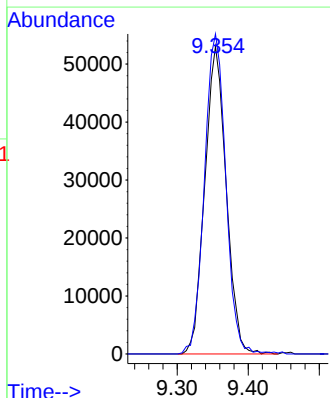
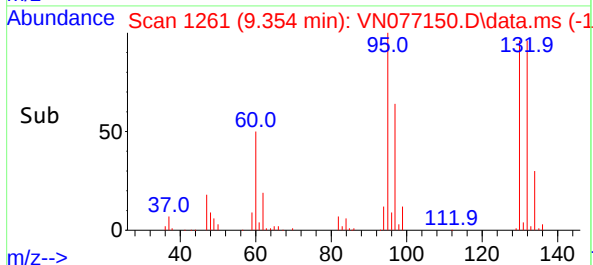
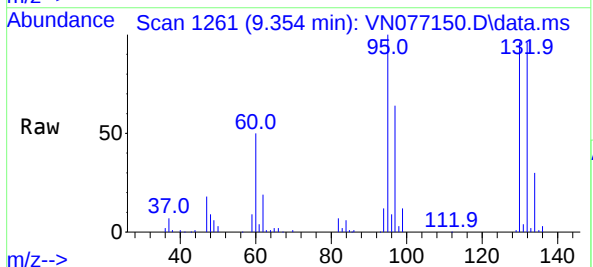


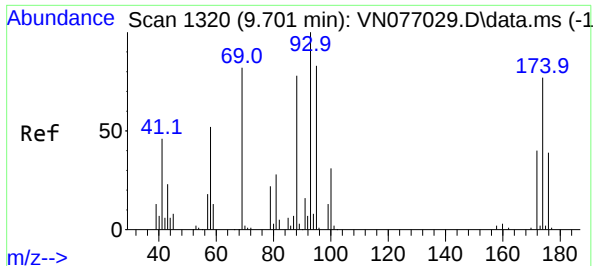
Tgt Ion:117 Resp: 45798
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 23.2 34.8#



#44
Trichloroethene
Concen: 21.143 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion:130 Resp: 111218
Ion Ratio Lower Upper
130 100
95 104.0 0.0 204.4

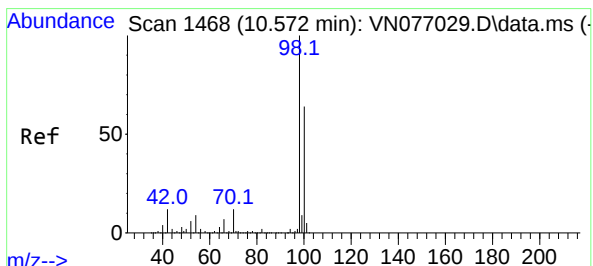
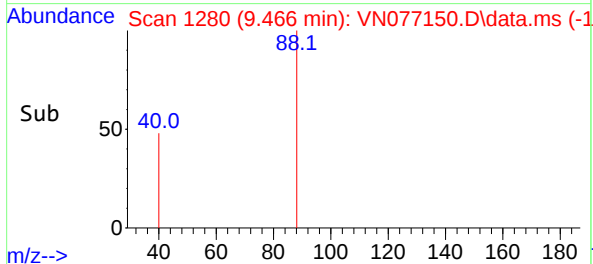
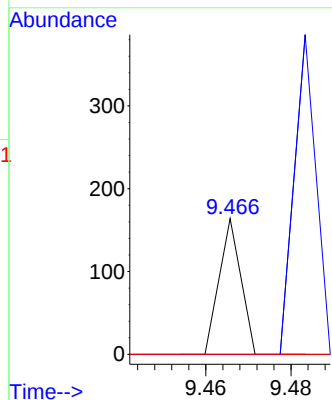
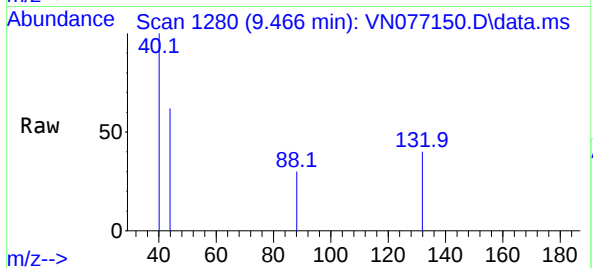




#49
1,4-Dioxane
Concen: 0.563 ug/l
RT: 9.466 min Scan# 11
Delta R.T. -0.235 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

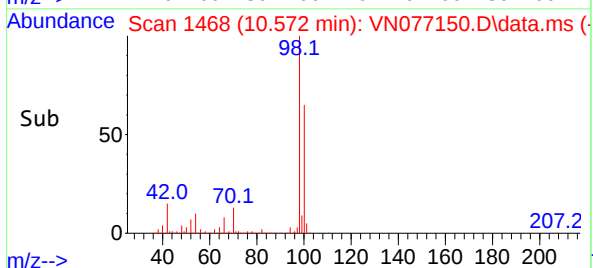
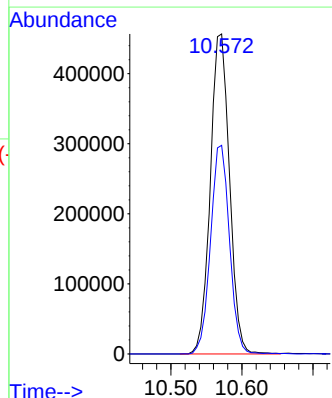
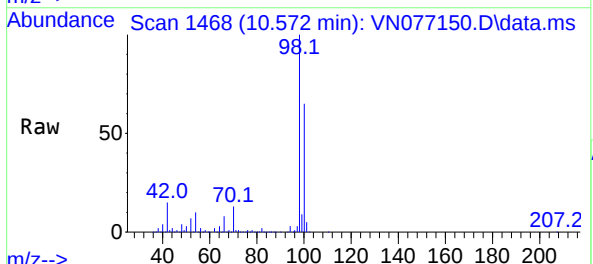
Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

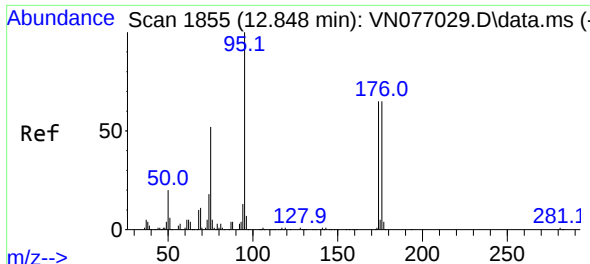
Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 234.5 22.2 33.2#
58 0.0 60.8 91.2#



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 98 Resp: 857114
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



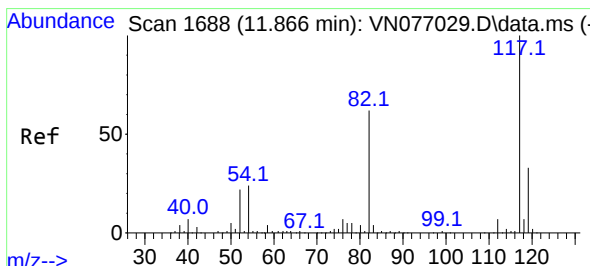
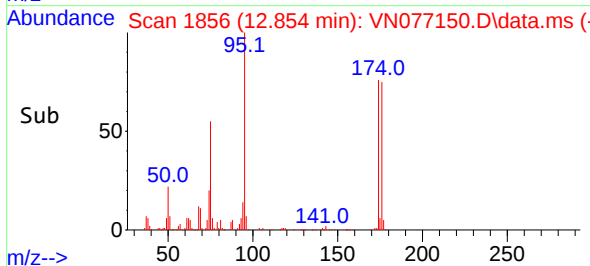
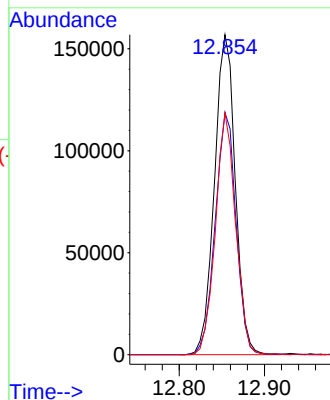
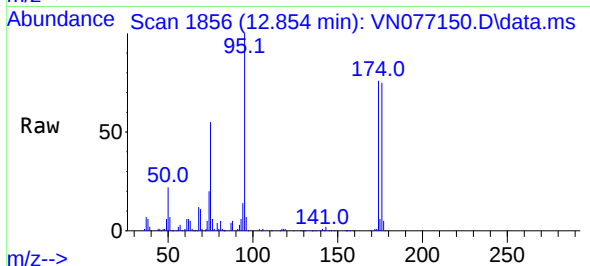


#62
4-Bromofluorobenzene
Concen: 43.655 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

Tgt Ion: 95 Resp: 266399

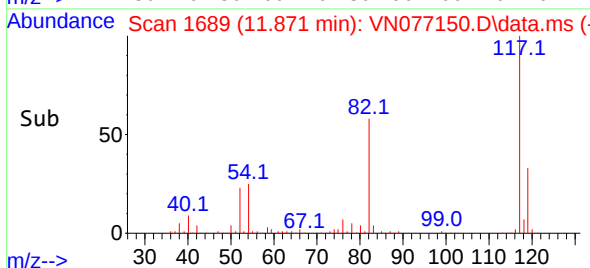
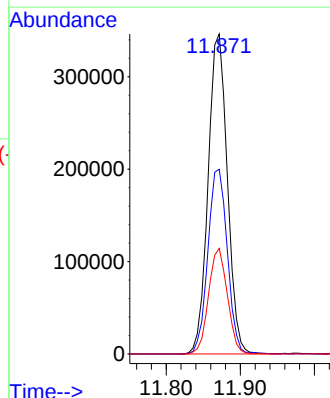
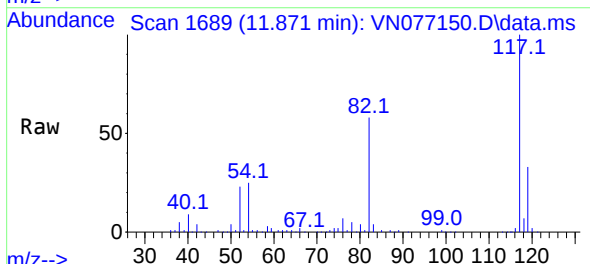
Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	136.6
176	73.3	0.0	130.0

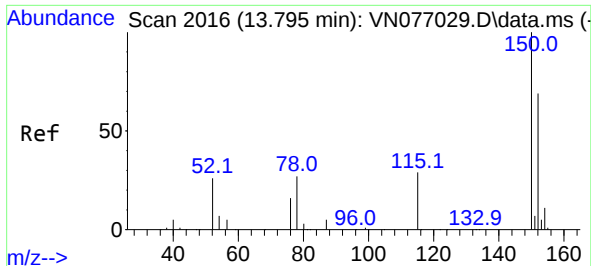


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.005 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 117 Resp: 625993

Ion	Ratio	Lower	Upper
117	100		
82	57.7	49.4	74.0
119	33.0	26.5	39.7

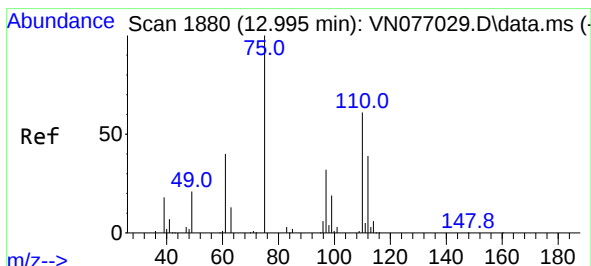
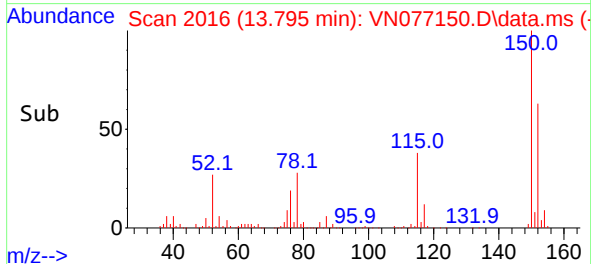
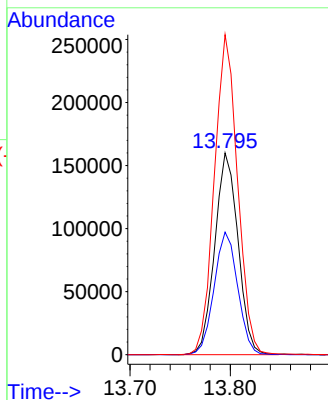
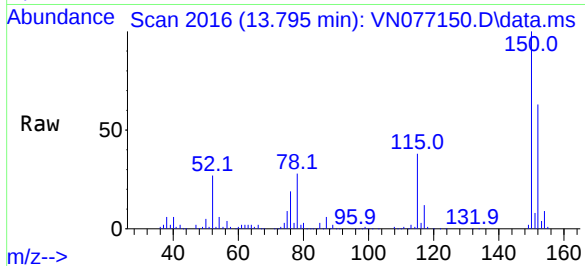




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

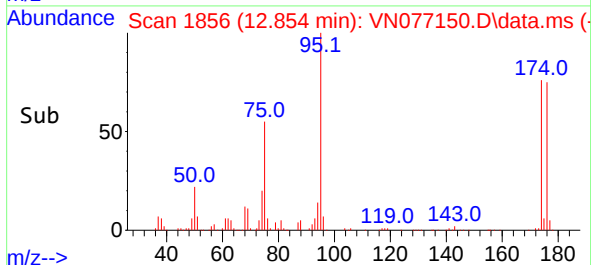
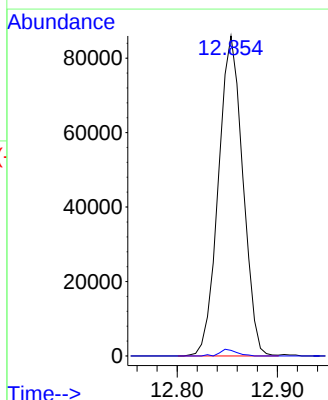
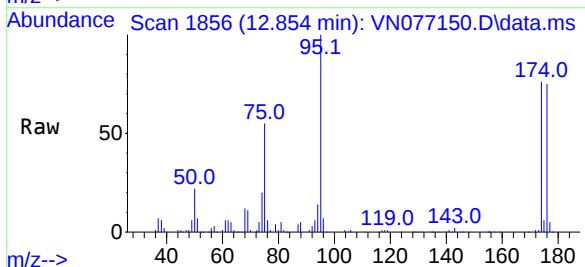
Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

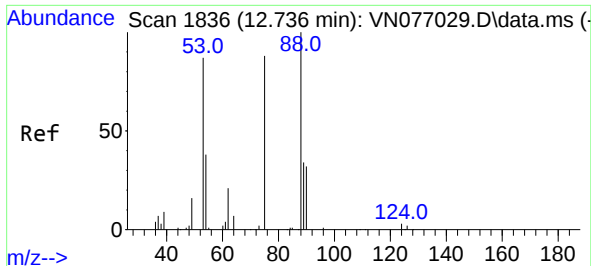
Tgt Ion:152 Resp: 257996
Ion Ratio Lower Upper
152 100
115 61.7 31.9 95.7
150 158.6 0.0 348.0



#76
1,2,3-Trichloropropane
Concen: 21.809 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion: 75 Resp: 145543
Ion Ratio Lower Upper
75 100
77 1.5 107.3 322.0#

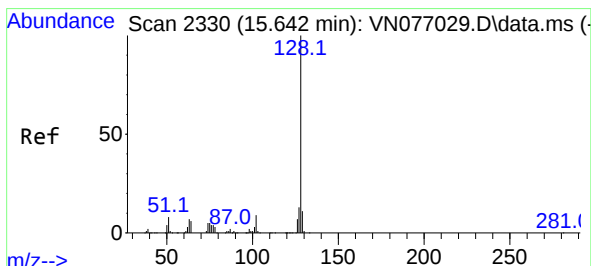
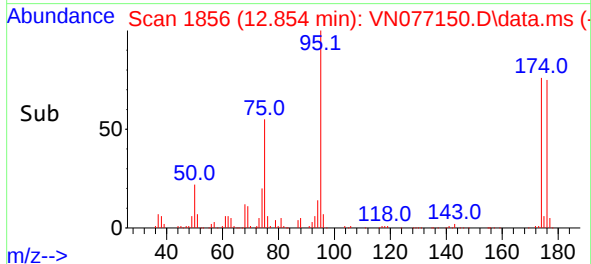
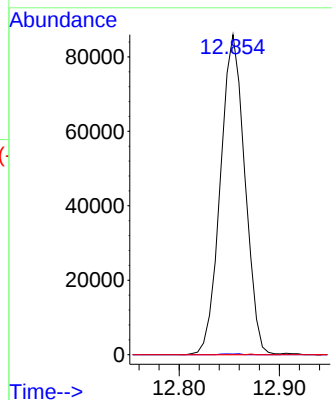
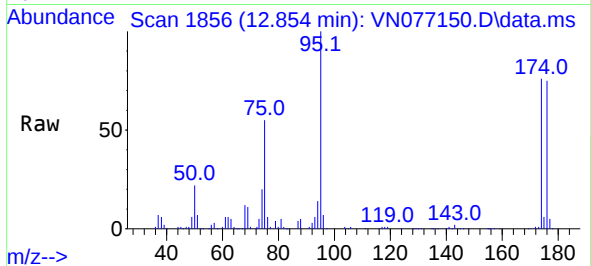




#81
trans-1,4-Dichloro-2-butene
Concen: 60.032 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Instrument :
MSVOA_N
ClientSampleId :
CB-10-44.5-030823

Tgt Ion: 75 Resp: 145543
Ion Ratio Lower Upper
75 100
53 0.2 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 1.984 ug/l
RT: 15.654 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN077150.D
Acq: 23 Mar 2023 15:29

Tgt Ion:128 Resp: 1283
Ion Ratio Lower Upper
128 100
127 8.6 10.0 15.0#
129 4.8 8.6 13.0#

