

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032323\
 Data File : VN077147.D
 Acq On : 23 Mar 2023 14:16
 Operator : JC\MD
 Sample : 01849-07
 Misc : 10.92g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 24 01:34:24 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	474145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	824838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	738926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	310604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.578	65	354659	46.828	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.660%
35) Dibromofluoromethane	8.172	113	260021	45.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.020%
50) Toluene-d8	10.572	98	1011196	49.006	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.854	95	309683	42.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.940%

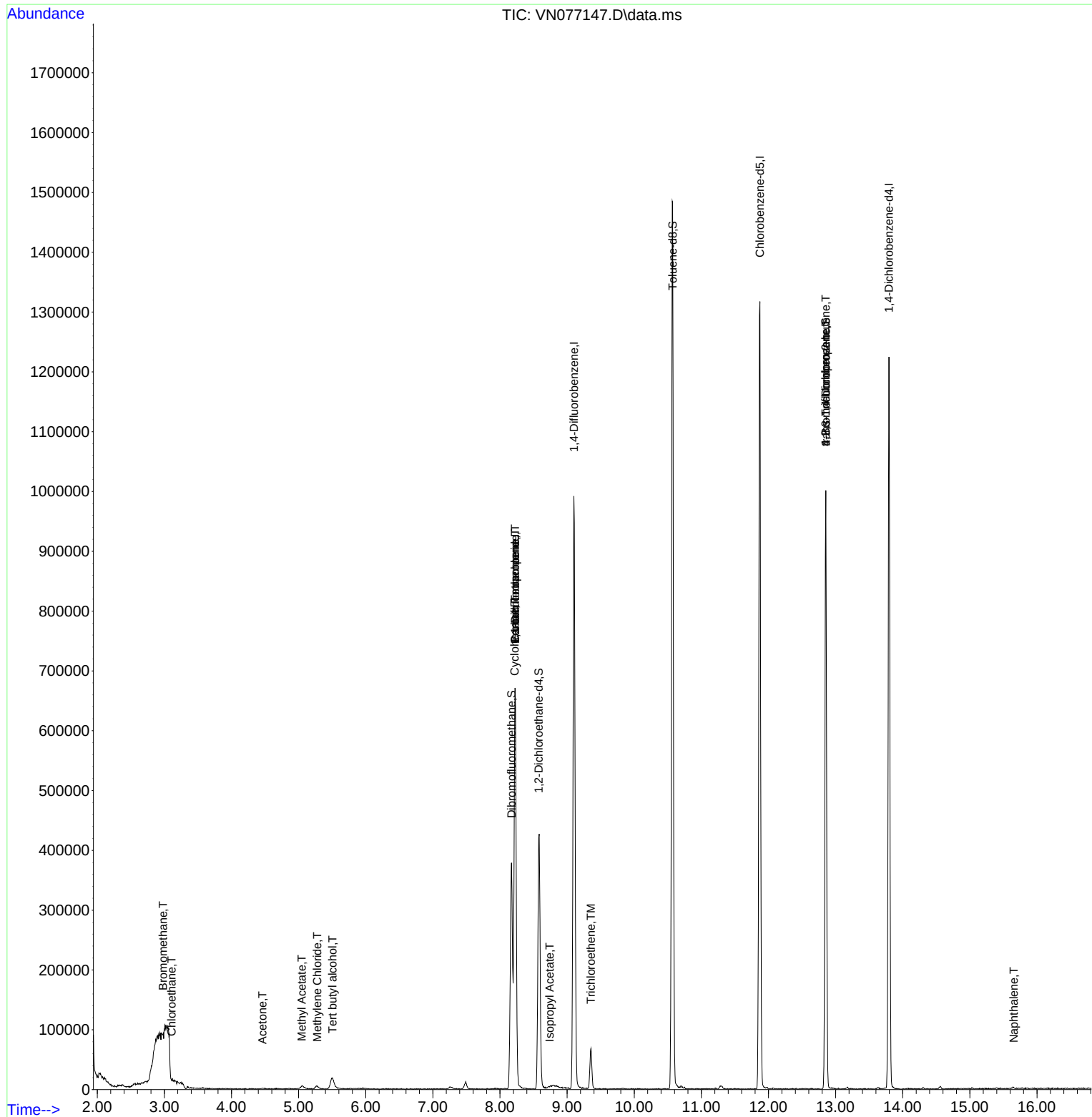
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.978	94	725	0.208	ug/l #	3
6) Chloroethane	3.107	64	1093	0.335	ug/l #	65
11) Tert butyl alcohol	5.507	59	18418	16.689	ug/l #	76
16) Acetone	4.460	43	1273	0.377	ug/l #	39
18) Methyl Acetate	5.048	43	11166	0.877	ug/l #	89
20) Methylene Chloride	5.278	84	3647	0.498	ug/l #	77
31) Cyclohexane	8.219	56	12875	1.039	ug/l #	41
36) 1,1-Dichloropropene	8.225	75	44318	4.912	ug/l #	51
38) Carbon Tetrachloride	8.225	117	52871	6.016	ug/l #	15
43) Isopropyl Acetate	8.742	43	3975	0.264	ug/l #	56
44) Trichloroethene	9.354	130	23075	3.671	ug/l	98
76) 1,2,3-Trichloropropane	12.854	75	176588	21.980	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.854	75	176588	60.500	ug/l #	10
95) Naphthalene	15.654	128	2427	2.025	ug/l #	81

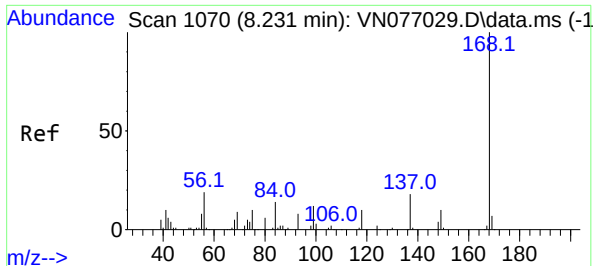
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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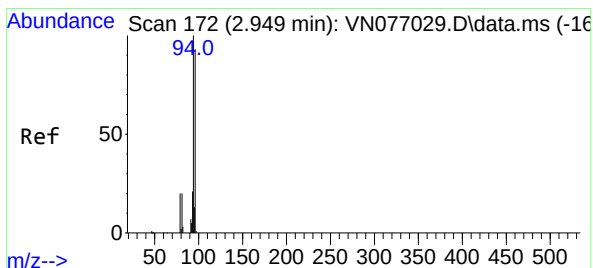
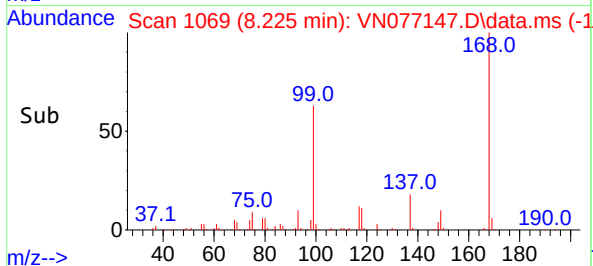
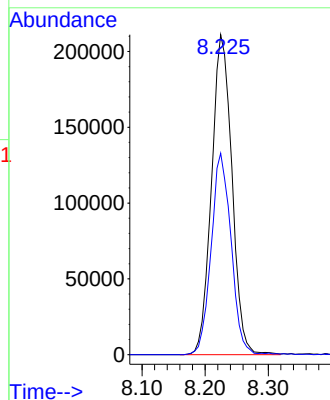
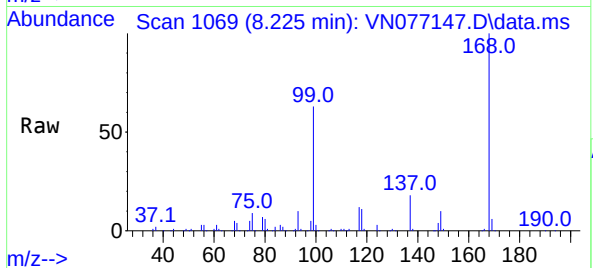




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

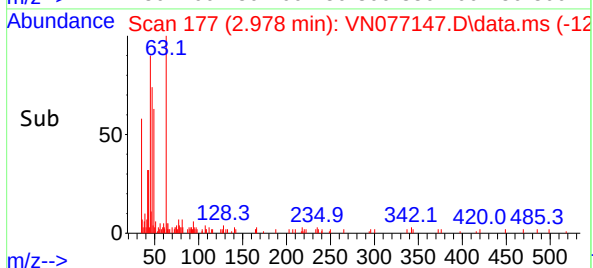
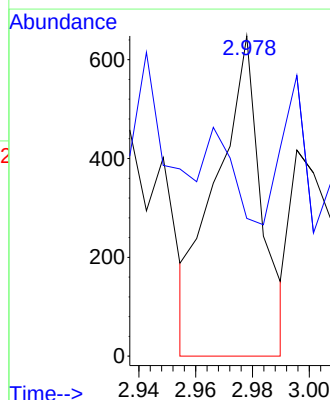
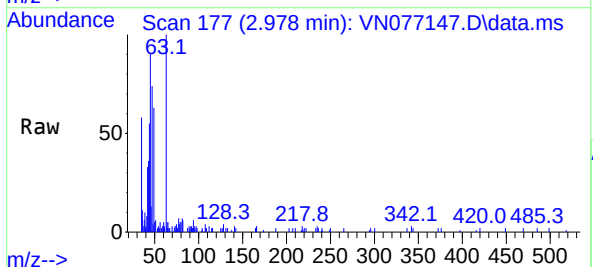
Instrument :
MSVOA_N
ClientSampleId :

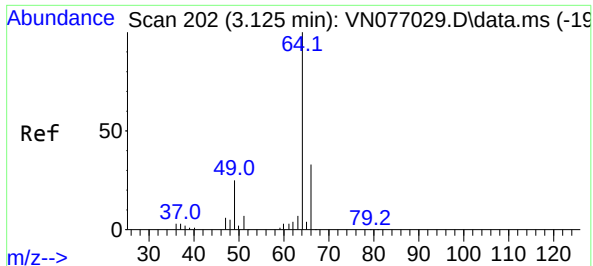
Tgt Ion:168 Resp: 474145
Ion Ratio Lower Upper
168 100
99 62.9 53.9 80.9



#5
Bromomethane
Concen: 0.208 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.029 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Tgt Ion: 94 Resp: 725
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#

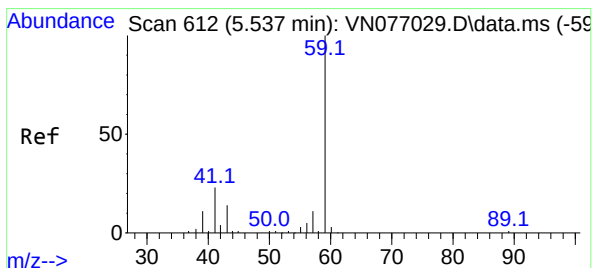
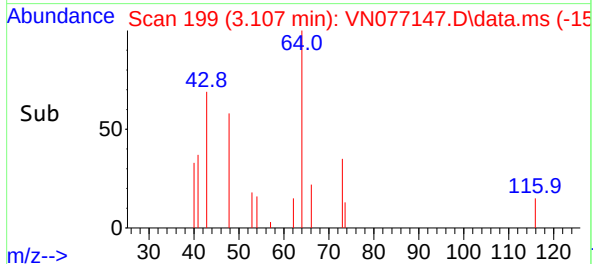
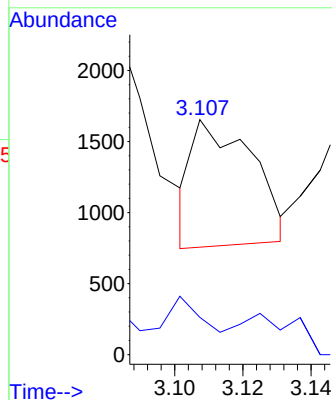
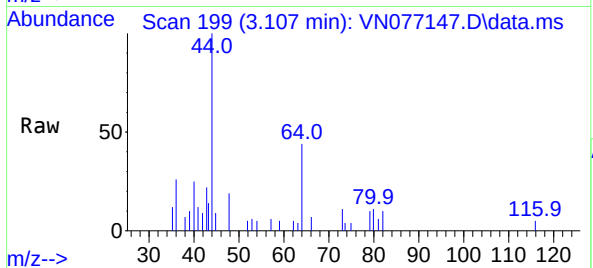




#6
Chloroethane
Concen: 0.335 ug/l
RT: 3.107 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

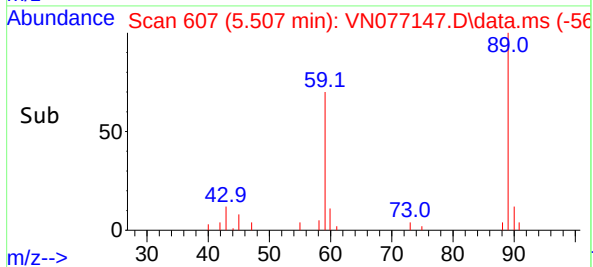
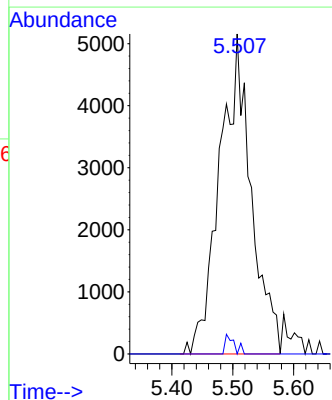
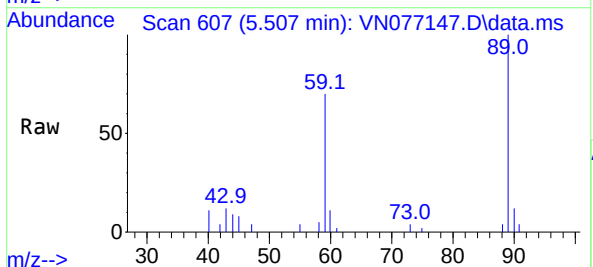
Instrument :
MSVOA_N
ClientSampleId :

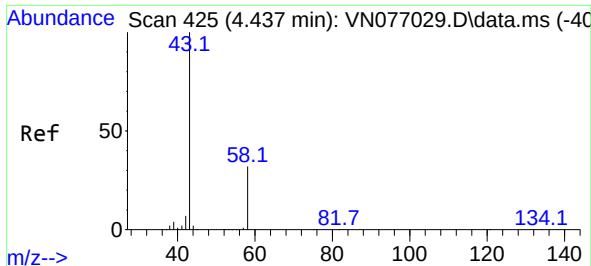
Tgt Ion: 64 Resp: 1093
Ion Ratio Lower Upper
64 100
66 13.0 26.3 39.5#



#11
Tert butyl alcohol
Concen: 16.689 ug/l
RT: 5.507 min Scan# 607
Delta R.T. -0.030 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

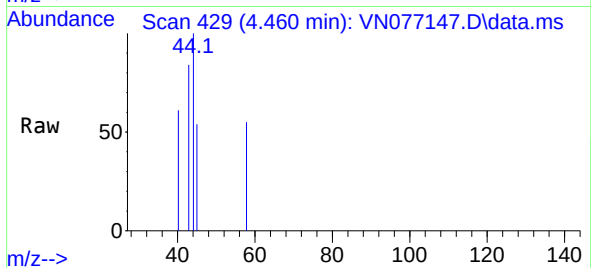
Tgt Ion: 59 Resp: 18418
Ion Ratio Lower Upper
59 100
57 1.8 8.6 12.8#



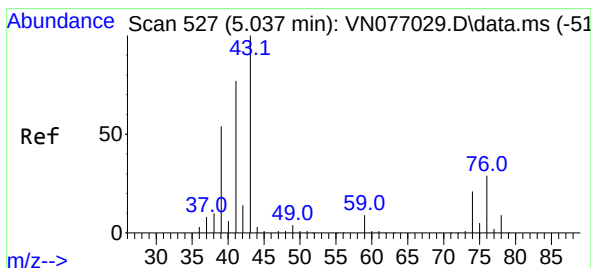
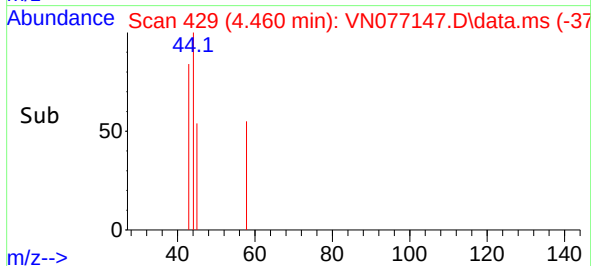
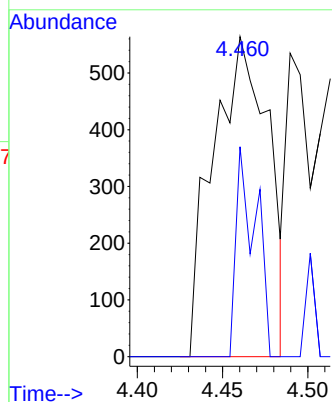


#16
Acetone
Concen: 0.377 ug/l
RT: 4.460 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :

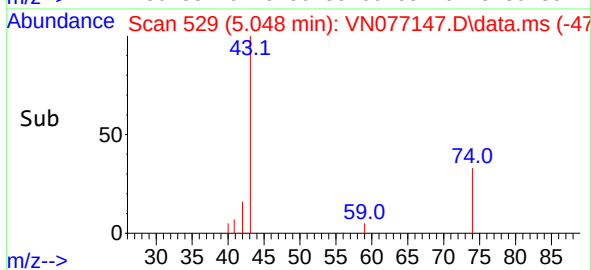
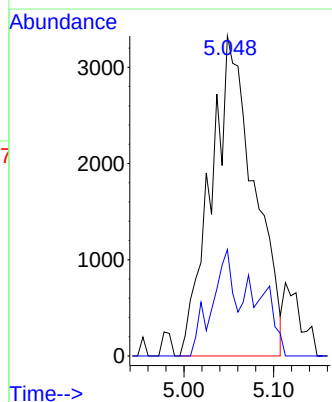
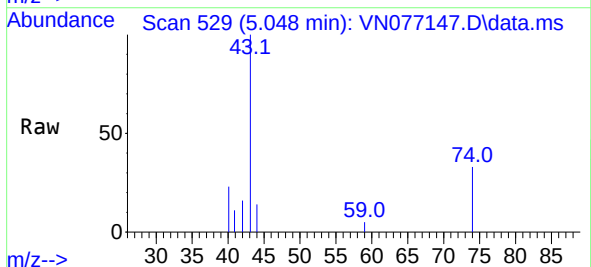


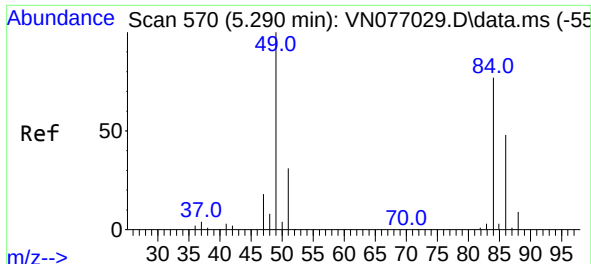
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 65.6 25.4 38.0#



#18
Methyl Acetate
Concen: 0.877 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

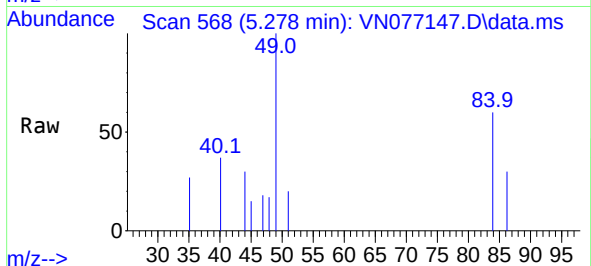
Tgt Ion: 43 Resp: 11166
Ion Ratio Lower Upper
43 100
74 16.9 17.7 26.5#





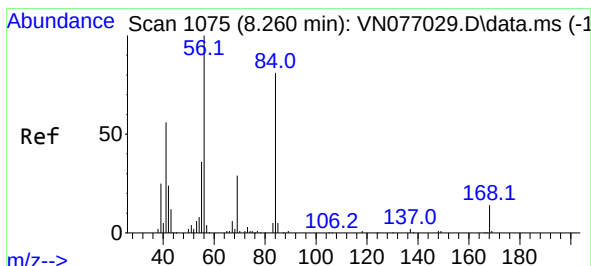
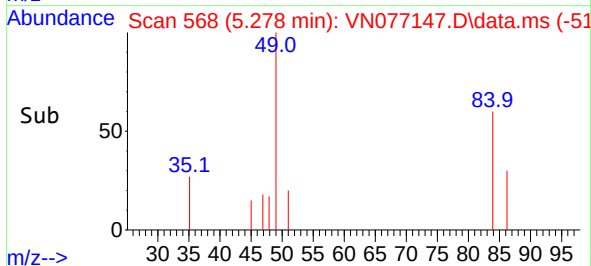
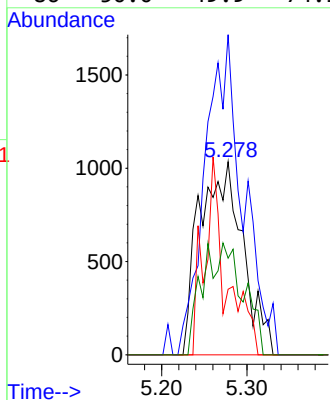
#20
Methylene Chloride
Concen: 0.498 ug/l
RT: 5.278 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 3647

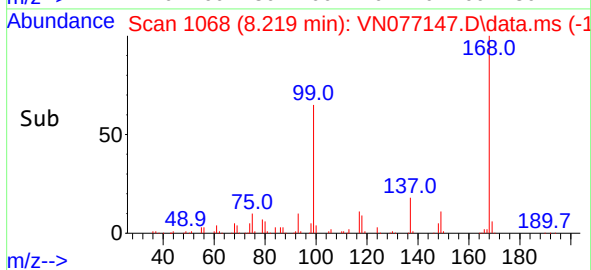
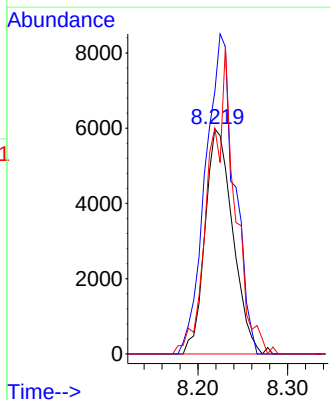
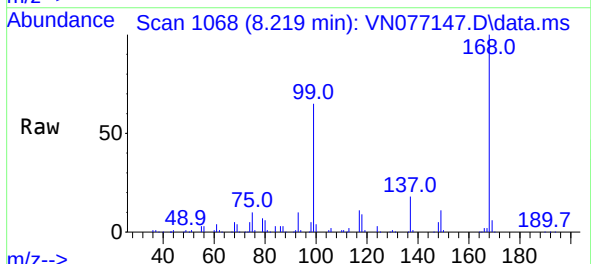
Ion	Ratio	Lower	Upper
84	100		
49	165.8	103.8	155.6#
51	33.9	32.3	48.5
86	50.0	49.9	74.9

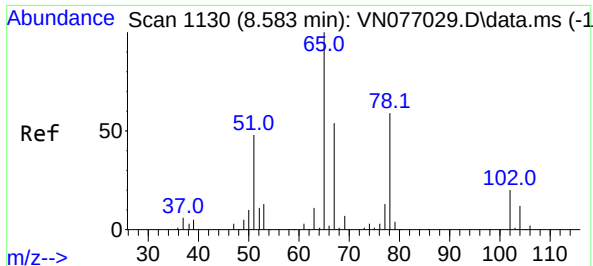


#31
Cyclohexane
Concen: 1.039 ug/l
RT: 8.219 min Scan# 1068
Delta R.T. -0.041 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Tgt Ion: 56 Resp: 12875

Ion	Ratio	Lower	Upper
56	100		
69	116.5	22.8	34.2#
84	100.3	64.7	97.1#





#33

1,2-Dichloroethane-d4

Concen: 46.828 ug/l

RT: 8.578 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN077147.D

Acq: 23 Mar 2023 14:16

Instrument :

MSVOA_N

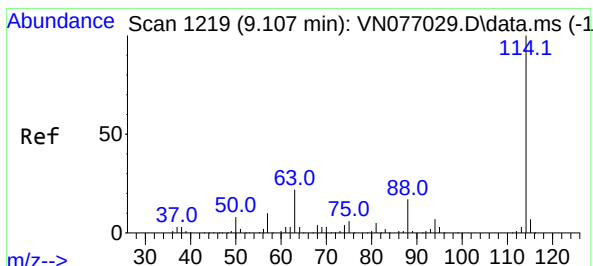
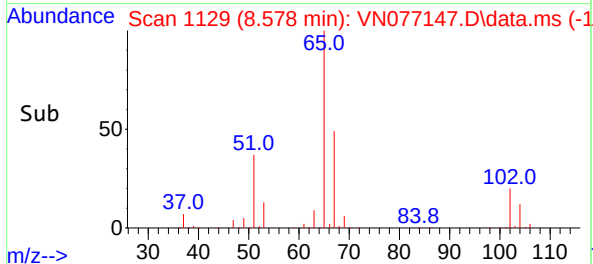
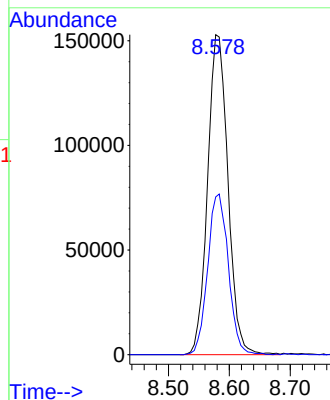
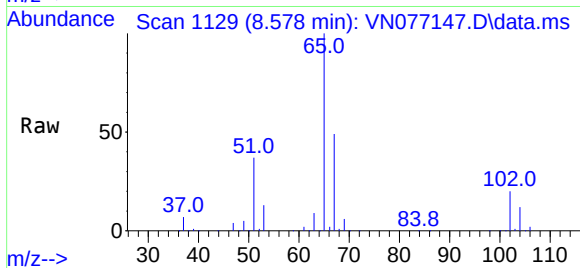
ClientSampleId :

Tgt Ion: 65 Resp: 354659

Ion Ratio Lower Upper

65 100

67 51.0 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: VN077147.D

Acq: 23 Mar 2023 14:16

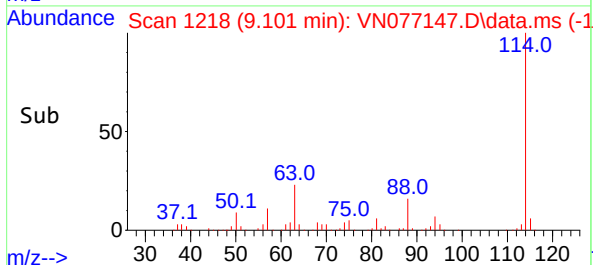
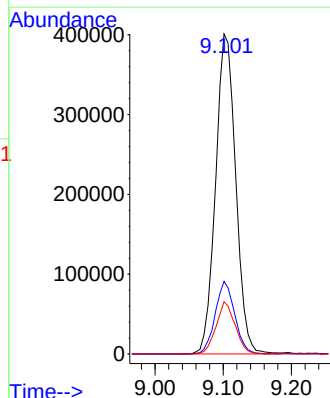
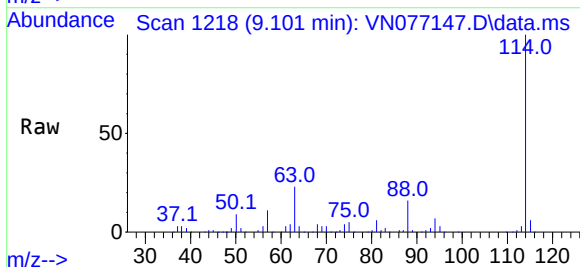
Tgt Ion: 114 Resp: 824838

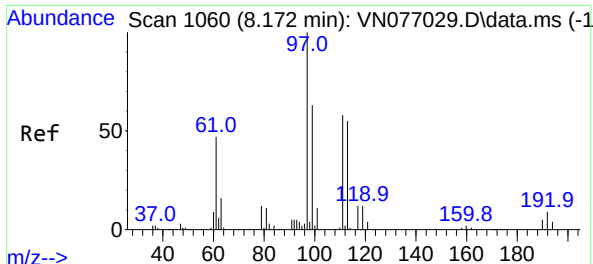
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

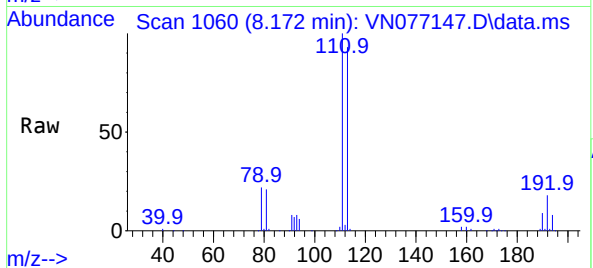
88 16.3 0.0 33.8



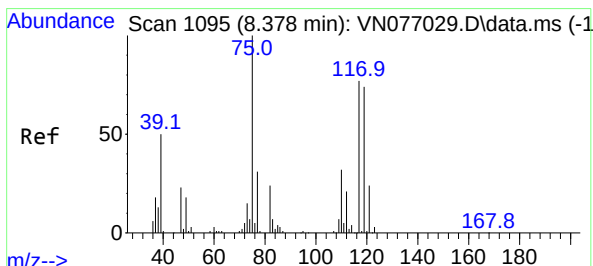
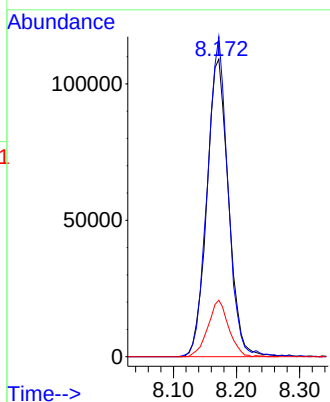
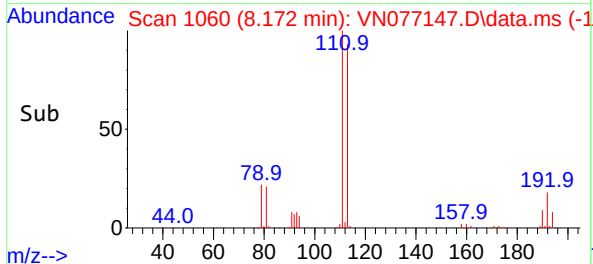


#35
Dibromofluoromethane
Concen: 45.014 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

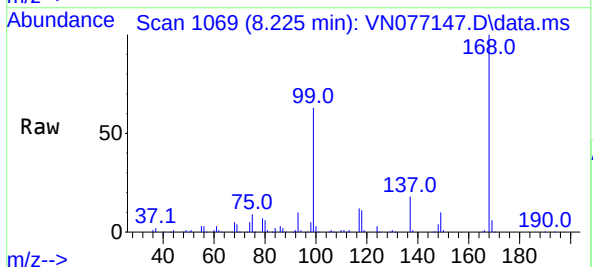
Instrument :
MSVOA_N
ClientSampleId :



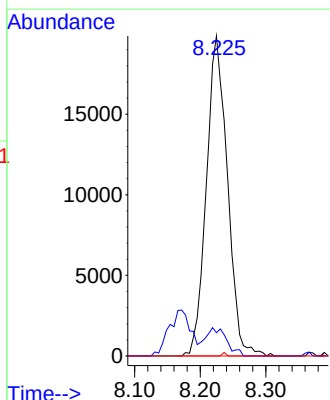
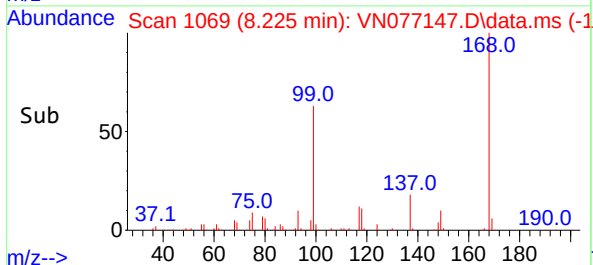
Tgt Ion:113 Resp: 260021
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 18.1 13.0 19.6

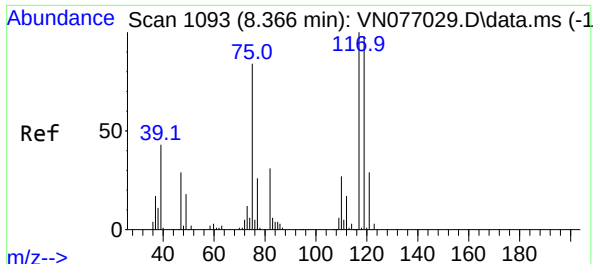


#36
1,1-Dichloropropene
Concen: 4.912 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.153 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16



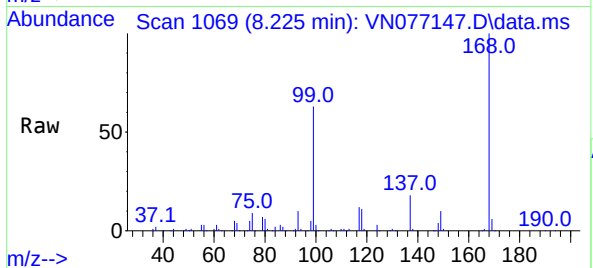
Tgt Ion: 75 Resp: 44318
Ion Ratio Lower Upper
75 100
110 8.4 15.9 47.7#
77 0.2 24.3 36.5#



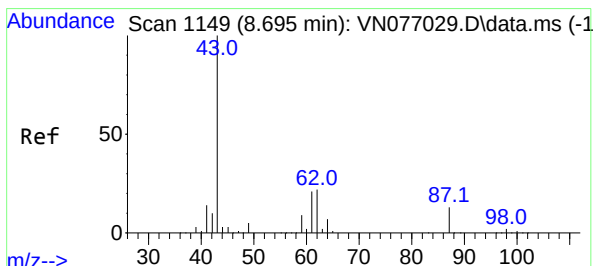
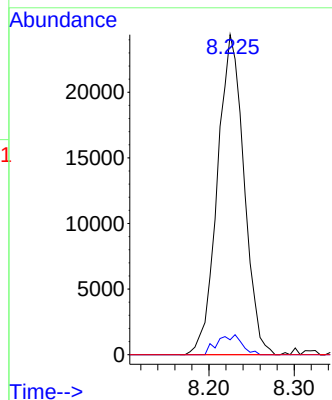
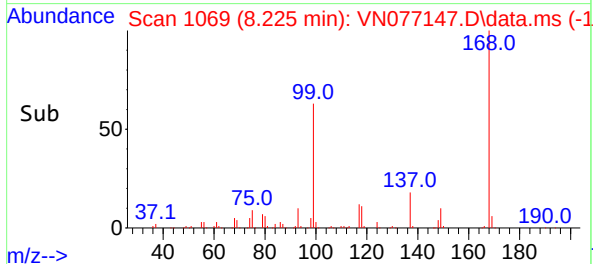


#38
Carbon Tetrachloride
Concen: 6.016 ug/l
RT: 8.225 min Scan# 1107
Delta R.T. -0.141 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

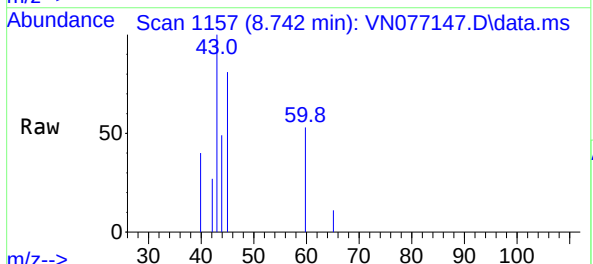
Instrument :
MSVOA_N
ClientSampleId :



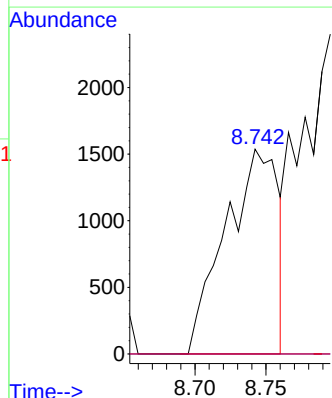
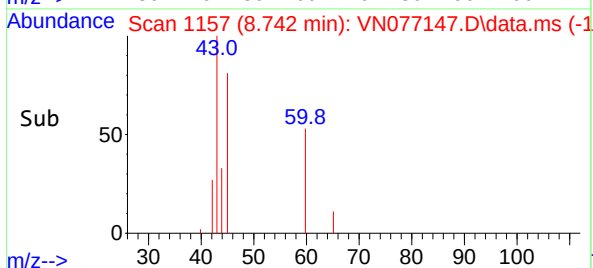
Tgt Ion:117 Resp: 52871
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 23.2 34.8#

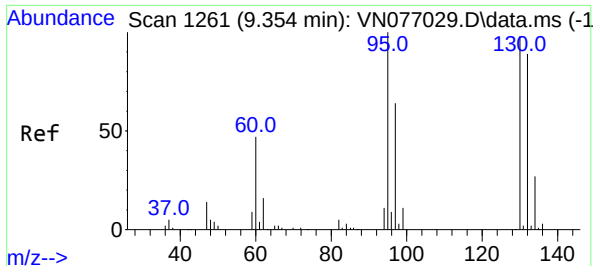


#43
Isopropyl Acetate
Concen: 0.264 ug/l
RT: 8.742 min Scan# 1157
Delta R.T. 0.047 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16



Tgt Ion: 43 Resp: 3975
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 10.0 15.0#





#44

Trichloroethene

Concen: 3.671 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077147.D

Acq: 23 Mar 2023 14:16

Instrument :

MSVOA_N

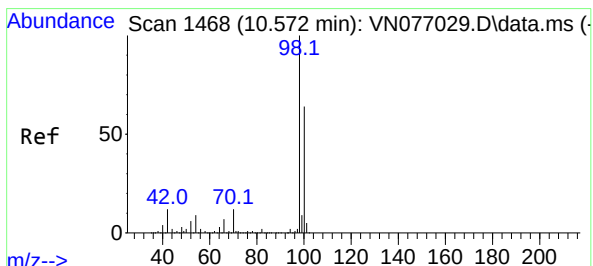
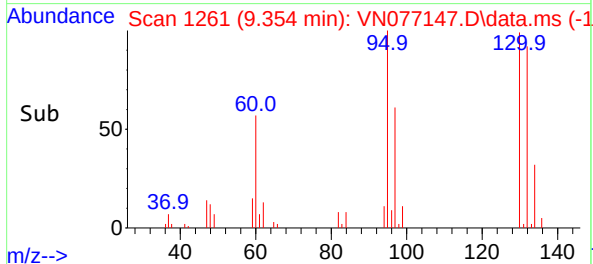
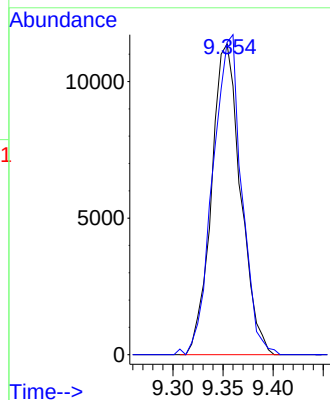
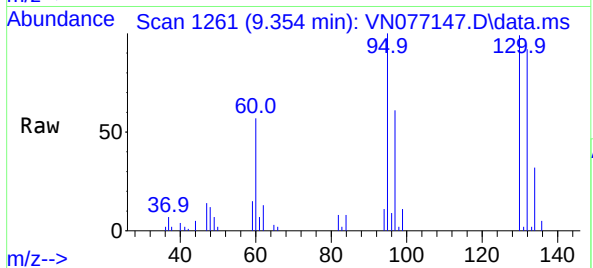
ClientSampleId :

Tgt Ion:130 Resp: 23075

Ion Ratio Lower Upper

130 100

95 100.5 0.0 204.4



#50

Toluene-d8

Concen: 49.006 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077147.D

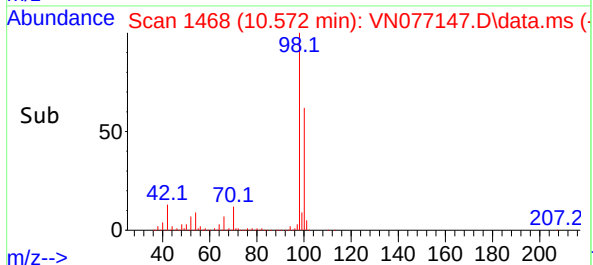
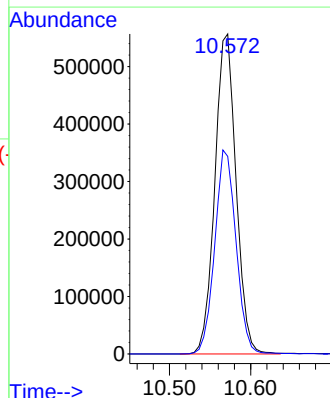
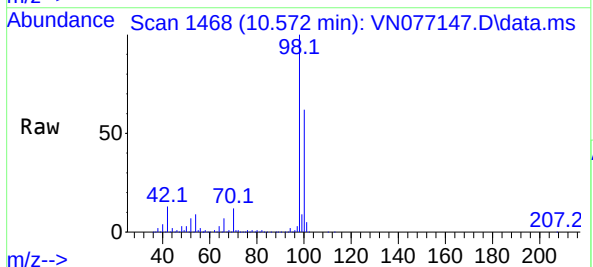
Acq: 23 Mar 2023 14:16

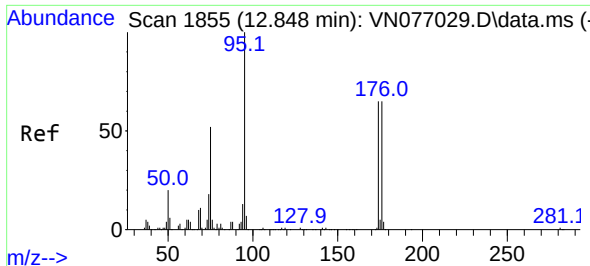
Tgt Ion: 98 Resp: 1011196

Ion Ratio Lower Upper

98 100

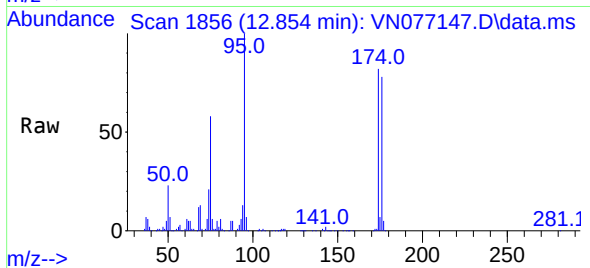
100 64.0 51.6 77.4



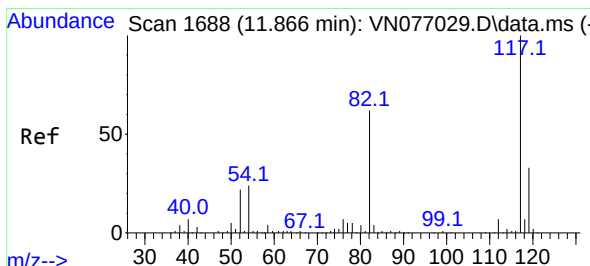
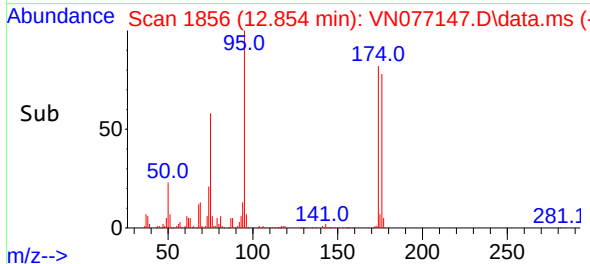
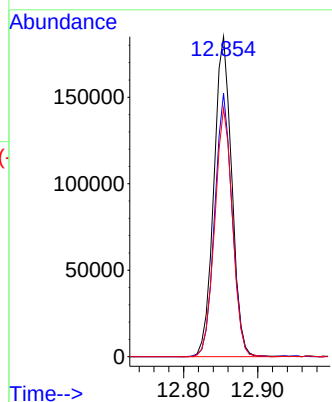


#62
4-Bromofluorobenzene
Concen: 42.472 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :

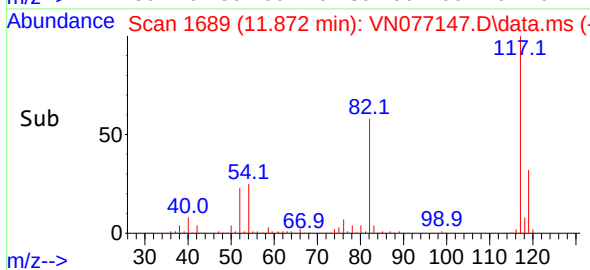
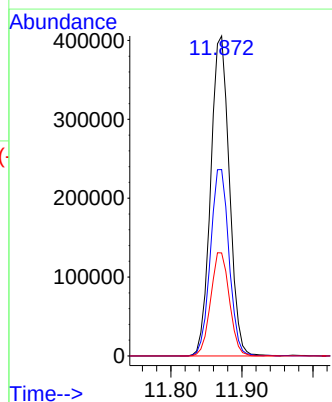
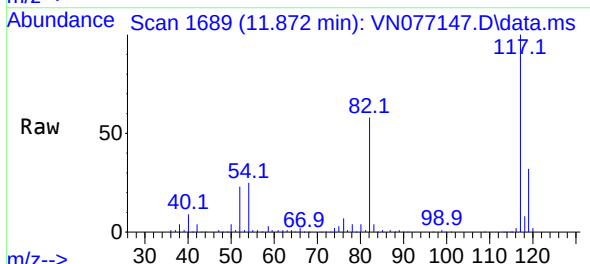


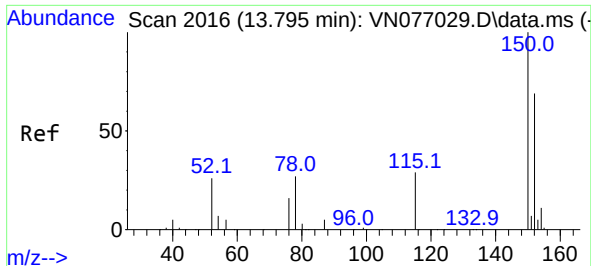
Tgt Ion: 95 Resp: 309683
Ion Ratio Lower Upper
95 100
174 80.2 0.0 136.6
176 76.9 0.0 130.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Tgt Ion: 117 Resp: 738926
Ion Ratio Lower Upper
117 100
82 58.3 49.4 74.0
119 32.2 26.5 39.7

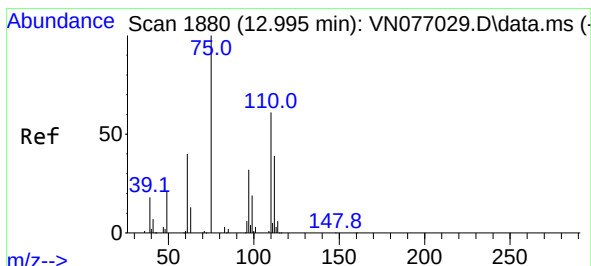
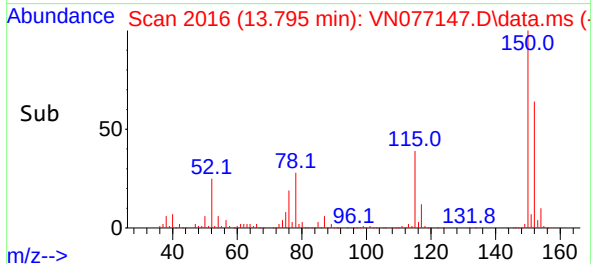
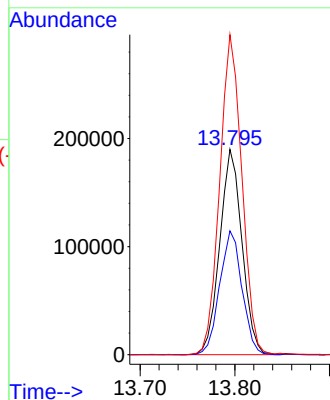
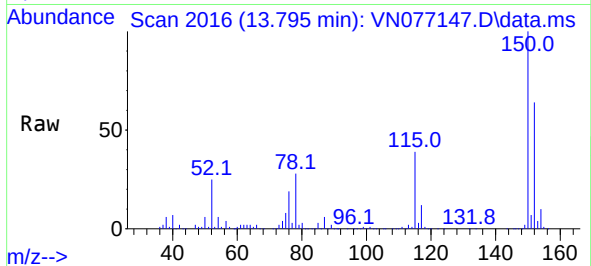




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

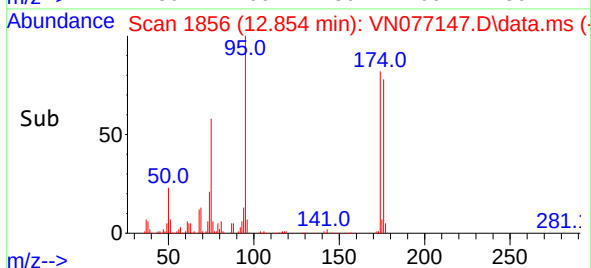
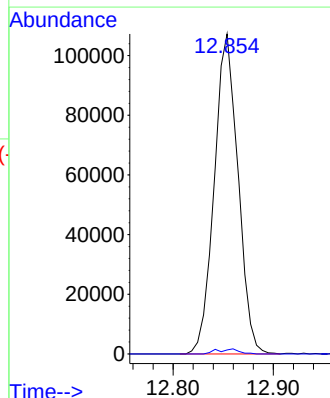
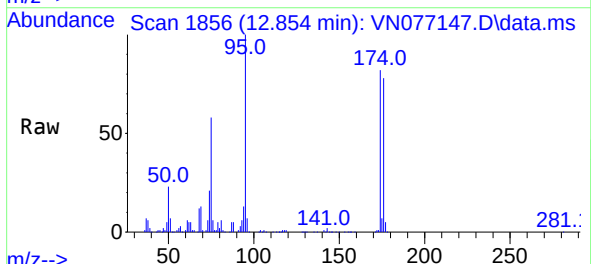
Instrument :
MSVOA_N
ClientSampleId :

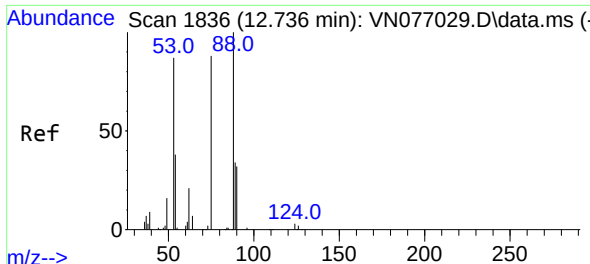
Tgt Ion:152 Resp: 310604
Ion Ratio Lower Upper
152 100
115 60.5 31.9 95.7
150 155.7 0.0 348.0



#76
1,2,3-Trichloropropane
Concen: 21.980 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.141 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Tgt Ion: 75 Resp: 176588
Ion Ratio Lower Upper
75 100
77 1.5 107.3 322.0#

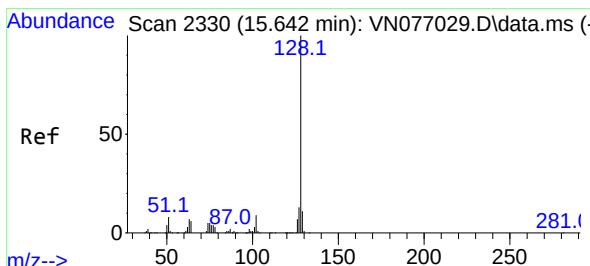
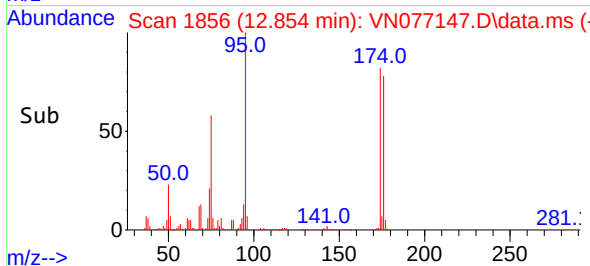
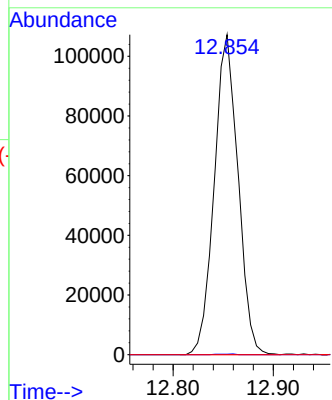
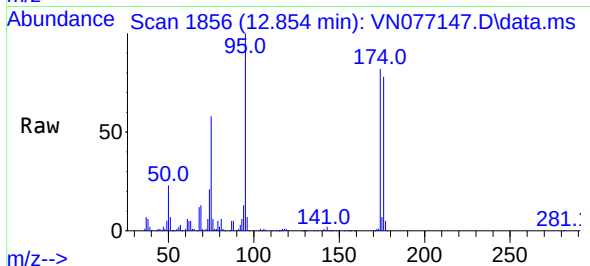




#81
trans-1,4-Dichloro-2-butene
Concen: 60.500 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.118 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 176588
Ion Ratio Lower Upper
75 100
53 0.2 80.8 121.2#
89 0.0 34.2 51.4#



#95
Naphthalene
Concen: 2.025 ug/l
RT: 15.654 min Scan# 2332
Delta R.T. 0.012 min
Lab File: VN077147.D
Acq: 23 Mar 2023 14:16

Tgt Ion: 128 Resp: 2427
Ion Ratio Lower Upper
128 100
127 8.6 10.0 15.0#
129 0.0 8.6 13.0#

