

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074593.D
 Acq On : 19 Sep 2022 18:06
 Operator : JC\MD
 Sample : N4686-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 5486-1

Quant Time: Sep 20 04:21:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

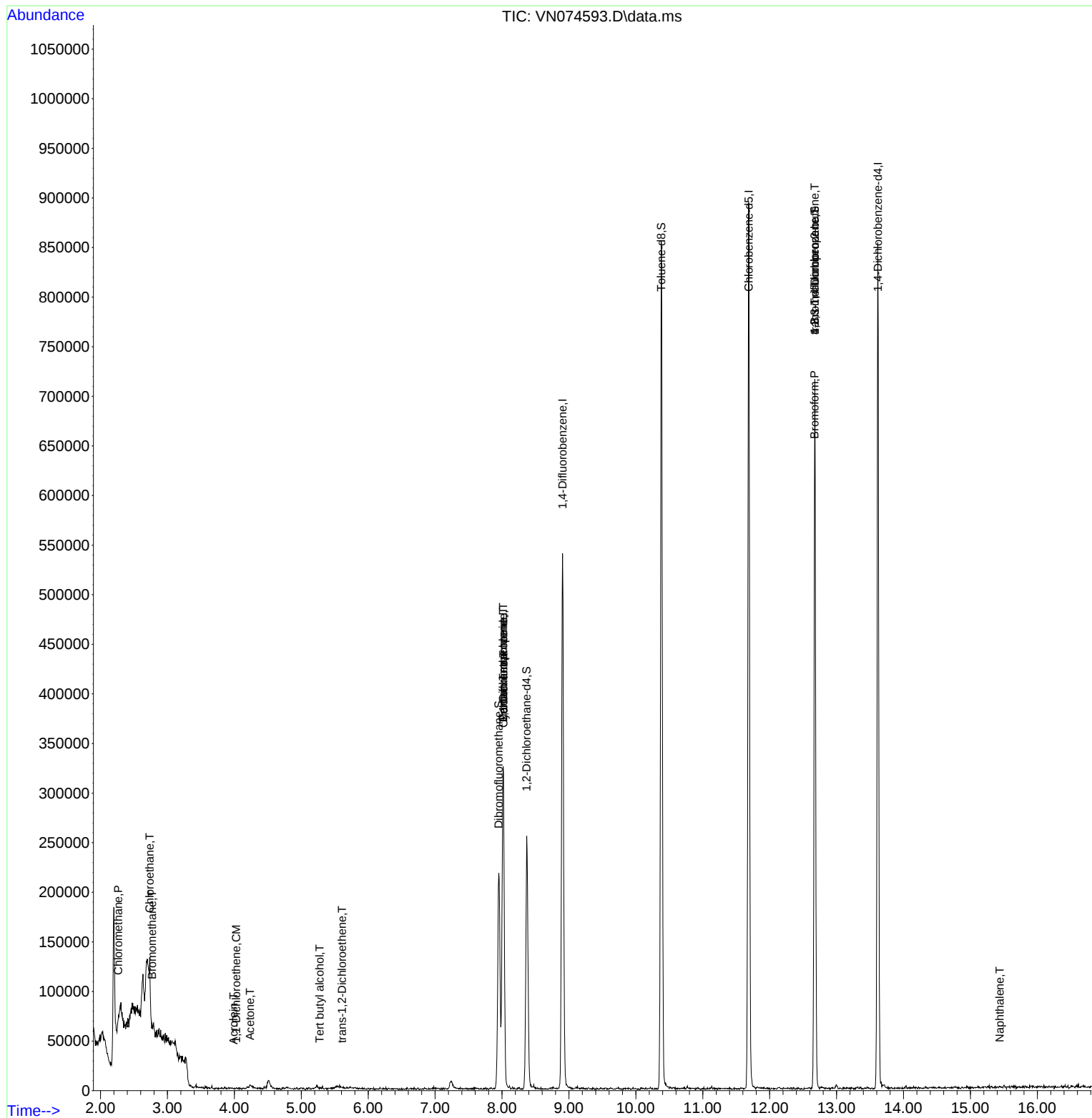
Internal Standards						
1) Pentafluorobenzene	8.016	168	227673	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.904	114	443186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	449413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	195406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	181569	47.002	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.000%
35) Dibromofluoromethane	7.951	113	151219	51.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.740%
50) Toluene-d8	10.381	98	547584	48.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.180%
62) 4-Bromofluorobenzene	12.675	95	207218	53.140	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.280%
Target Compounds						
						Qvalue
3) Chloromethane	2.263	50	2278	0.802	ug/l	# 81
5) Bromomethane	2.769	94	477	0.203	ug/l	# 2
6) Chloroethane	2.734	64	19003	6.238	ug/l	# 53
11) Tert butyl alcohol	5.275	59	418	0.332	ug/l	# 72
12) 1,1-Dichloroethene	4.028	96	79	0.711	ug/l	# 1
13) Acrolein	3.987	56	130	0.283	ug/l	# 71
16) Acetone	4.234	43	4333	1.753	ug/l	# 88
21) trans-1,2-Dichloroethene	5.610	96	78	0.452	ug/l	# 1
31) Cyclohexane	8.022	56	7015	1.023	ug/l	# 29
36) 1,1-Dichloropropene	8.016	75	22989	4.412	ug/l	# 44
38) Carbon Tetrachloride	8.016	117	24730	5.140	ug/l	# 15
71) Bromoform	12.669	173	1439	0.478	ug/l	# 28
76) 1,2,3-Trichloropropane	12.675	75	126954	21.107	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.675	75	126954	45.556	ug/l	# 10
95) Naphthalene	15.439	128	230	1.602	ug/l	# 69

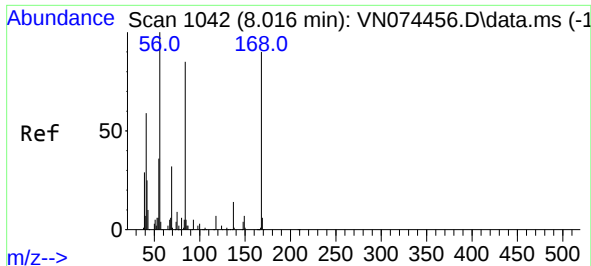
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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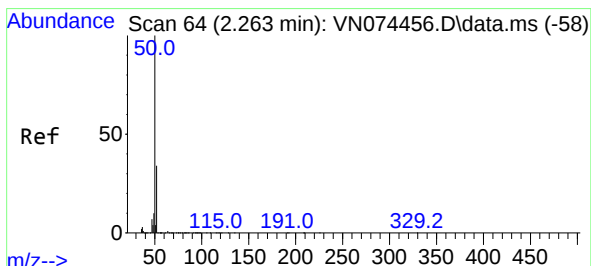
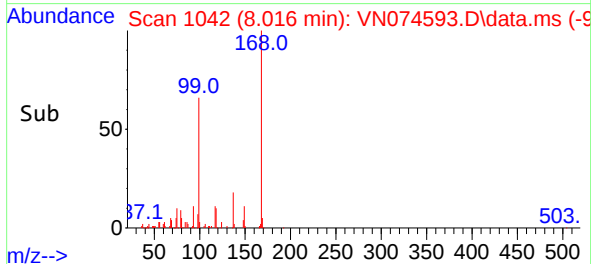
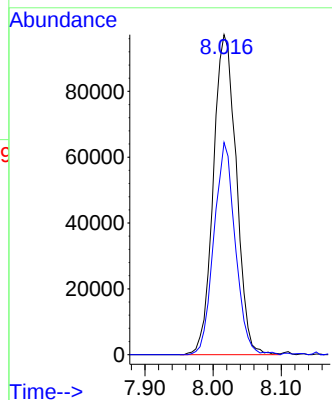
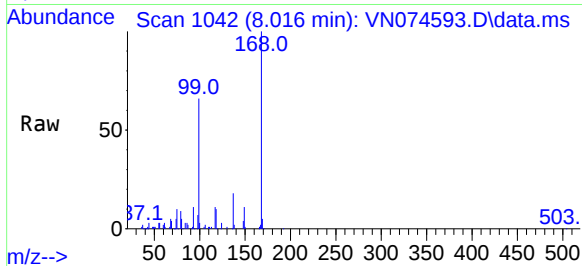




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

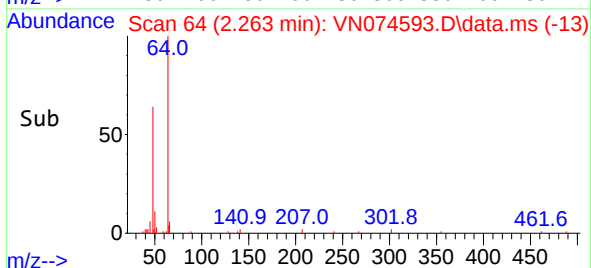
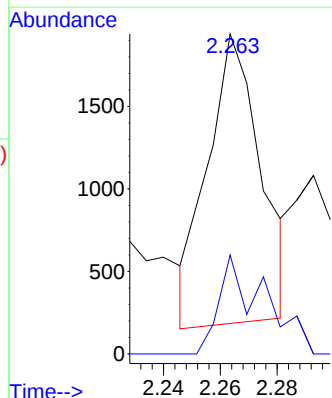
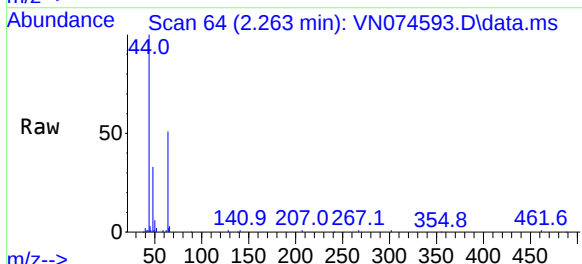
Instrument :
MSVOA_N
ClientSampleId :
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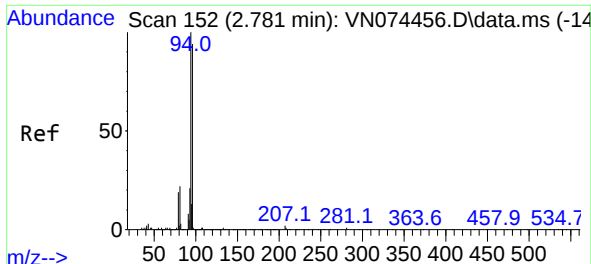
Tgt Ion:168 Resp: 227673
Ion Ratio Lower Upper
168 100
99 66.3 42.3 63.5#



#3
Chloromethane
Concen: 0.802 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 50 Resp: 2278
Ion Ratio Lower Upper
50 100
52 42.6 25.7 38.5#

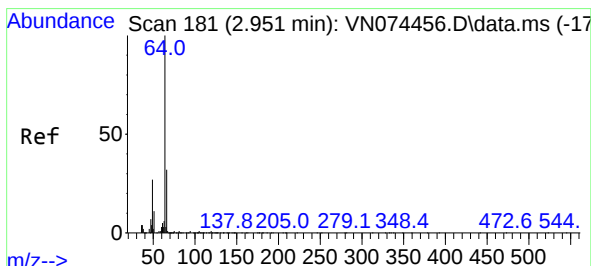
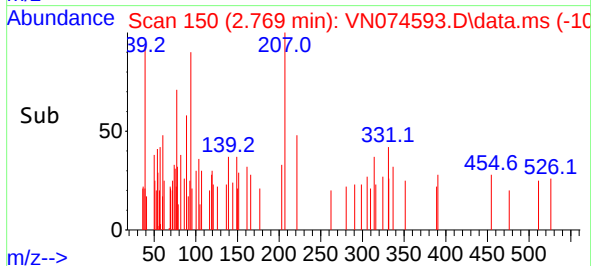
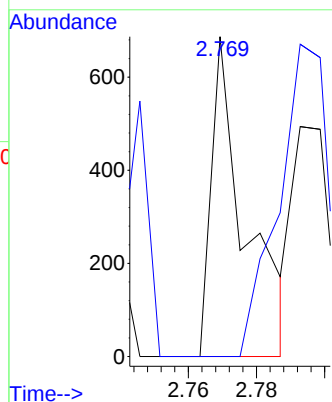
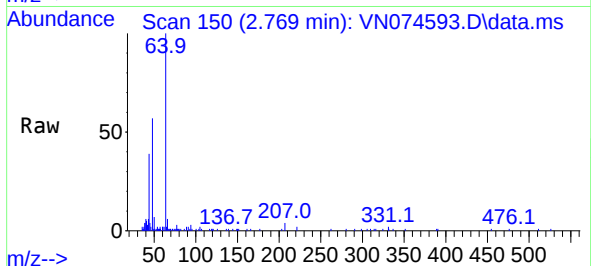




#5
Bromomethane
Concen: 0.203 ug/l
RT: 2.769 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

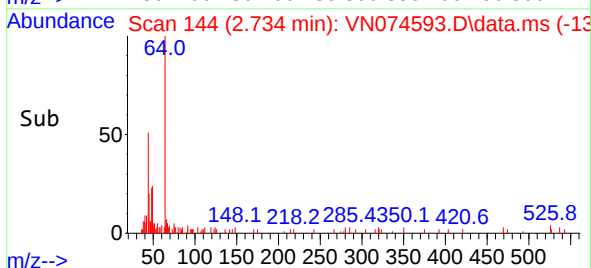
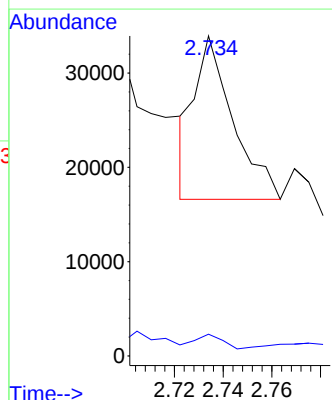
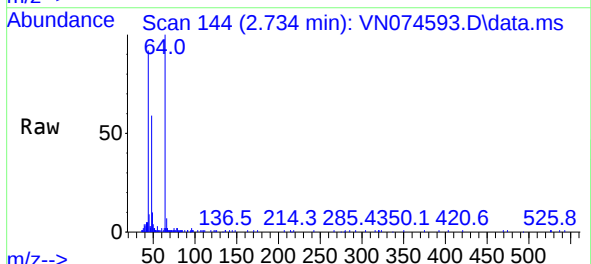
Instrument :
MSVOA_N
ClientSampleId :
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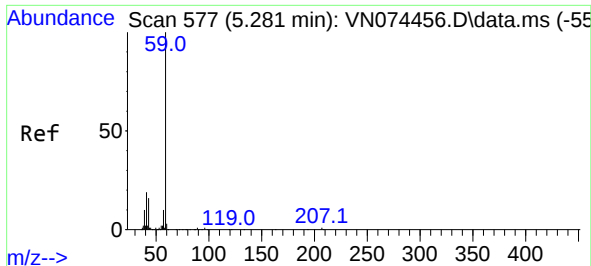
Tgt Ion: 94 Resp: 477
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 6.238 ug/l
RT: 2.734 min Scan# 144
Delta R.T. -0.217 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 64 Resp: 19003
Ion Ratio Lower Upper
64 100
66 6.6 26.2 39.4#

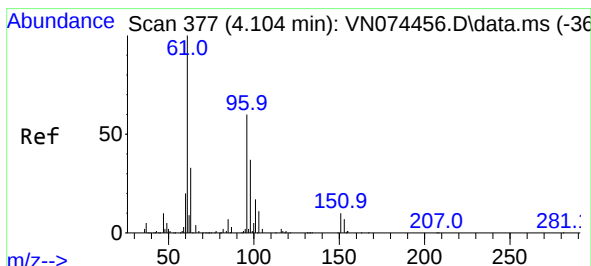
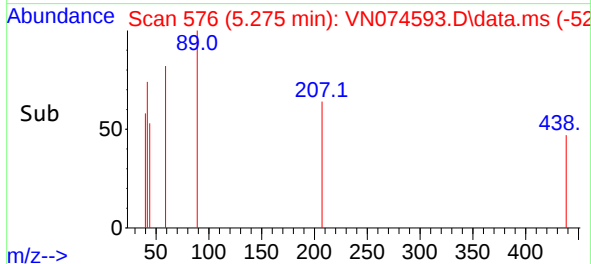
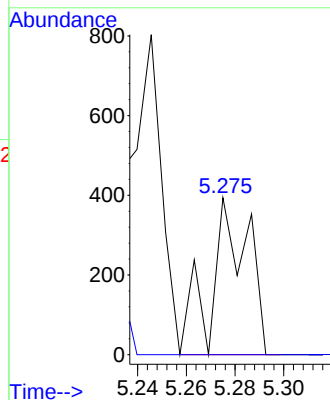
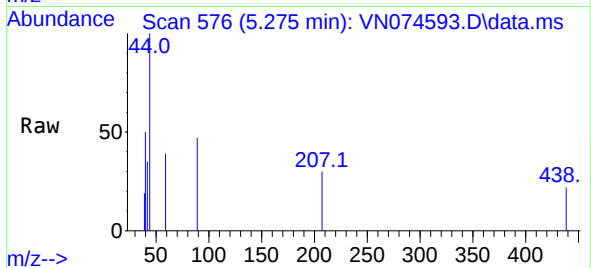




#11
Tert butyl alcohol
Concen: 0.332 ug/l
RT: 5.275 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

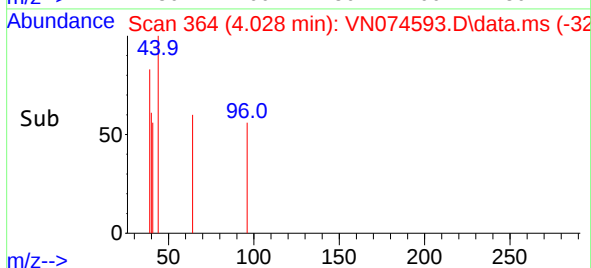
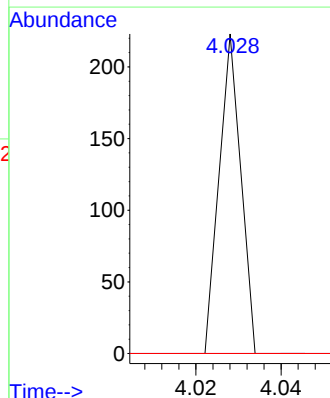
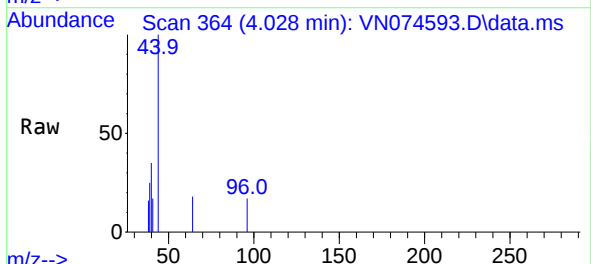
Instrument :
MSVOA_N
ClientSampleId :
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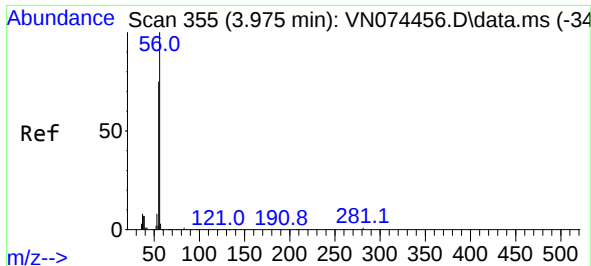
Tgt Ion: 59 Resp: 418
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.711 ug/l
RT: 4.028 min Scan# 364
Delta R.T. -0.076 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 96 Resp: 79
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

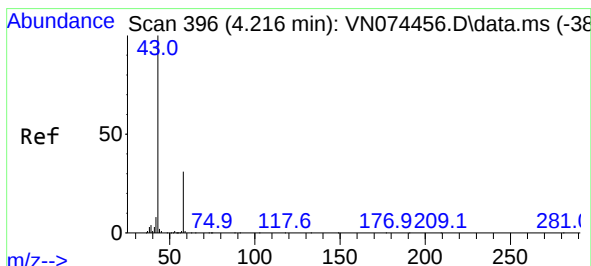
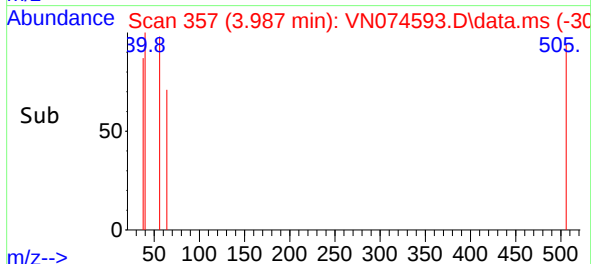
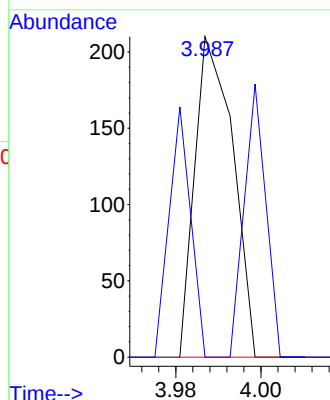
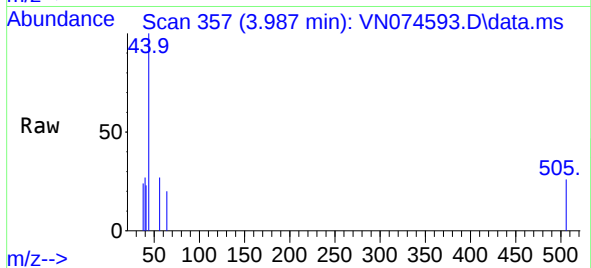




#13
Acrolein
Concen: 0.283 ug/l
RT: 3.987 min Scan# 311
Delta R.T. 0.012 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

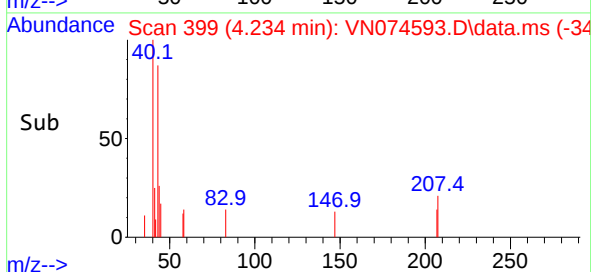
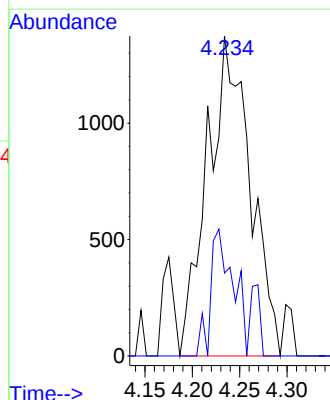
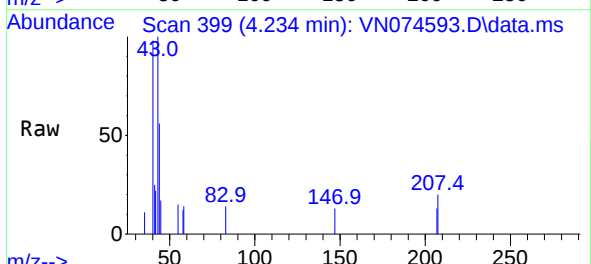
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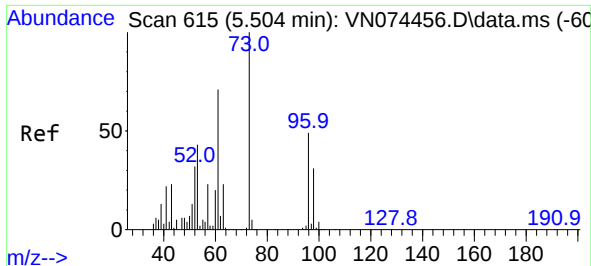
Tgt Ion: 56 Resp: 130
Ion Ratio Lower Upper
56 100
55 44.6 54.8 82.2#



#16
Acetone
Concen: 1.753 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.018 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 43 Resp: 4333
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#

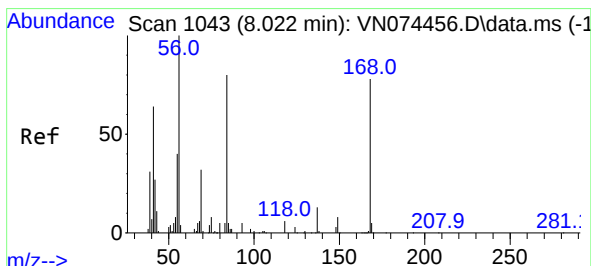
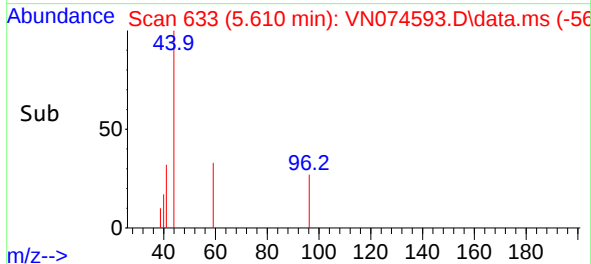
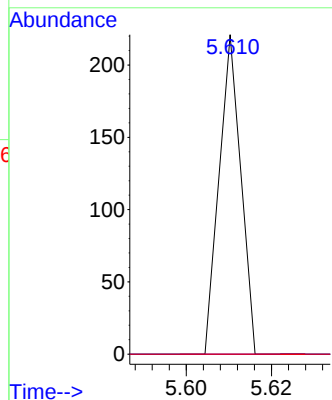
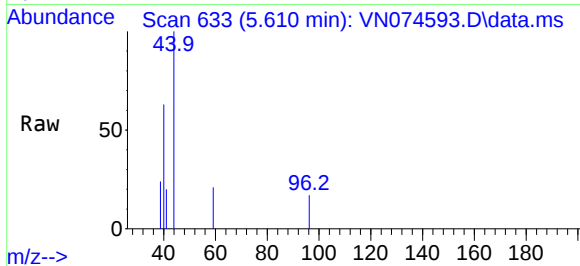




#21
trans-1,2-Dichloroethene
Concen: 0.452 ug/l
RT: 5.610 min Scan# 61
Delta R.T. 0.106 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

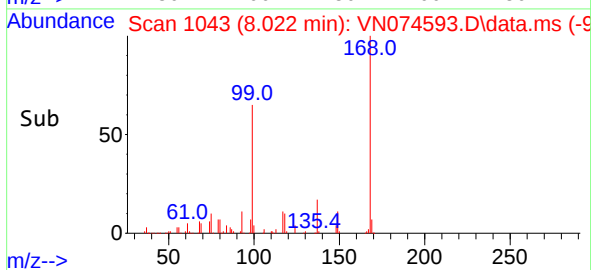
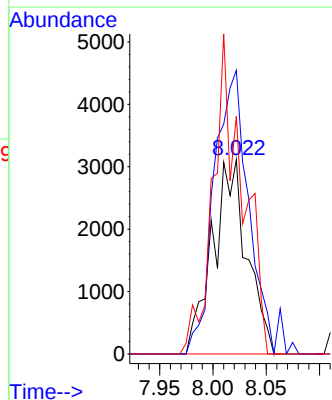
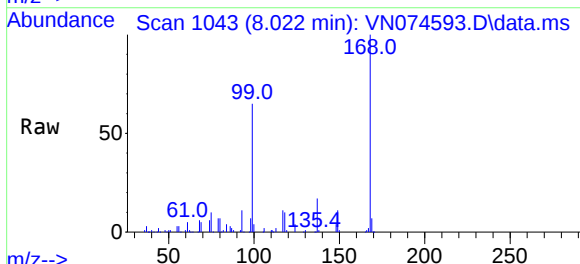
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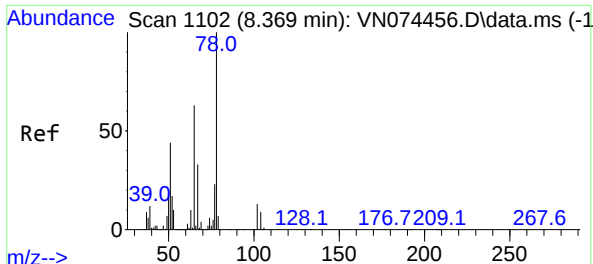
Tgt Ion: 96 Resp: 78
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.023 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 56 Resp: 7015
Ion Ratio Lower Upper
56 100
69 146.0 27.8 41.8#
84 122.4 76.9 115.3#

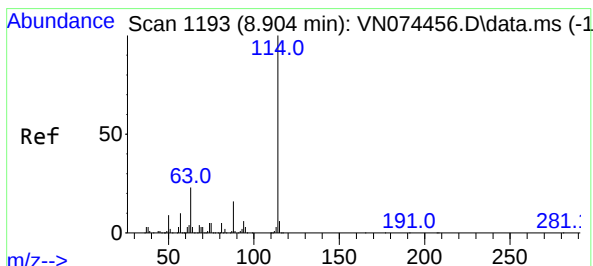
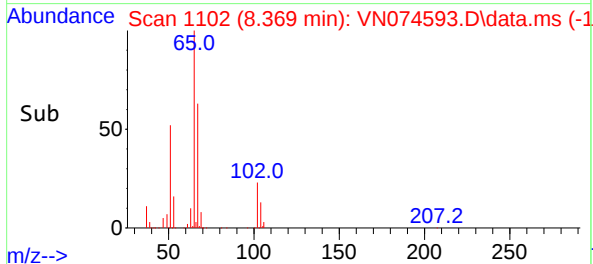
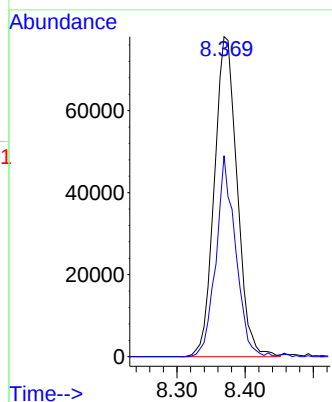
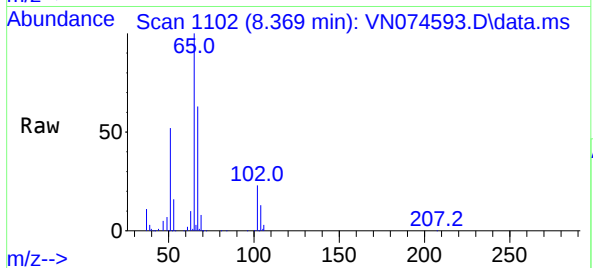




#33
1,2-Dichloroethane-d4
Concen: 47.002 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

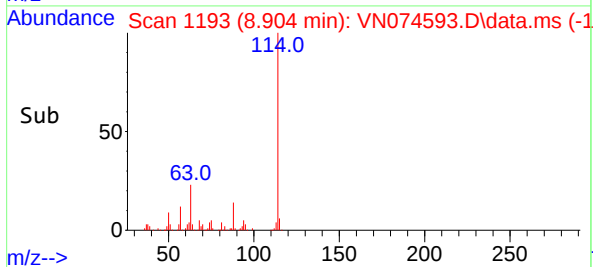
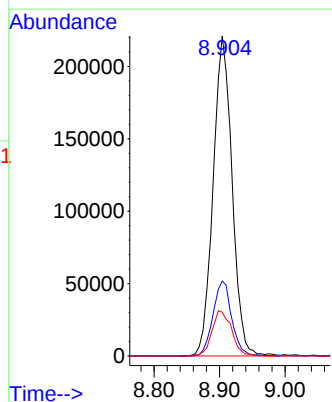
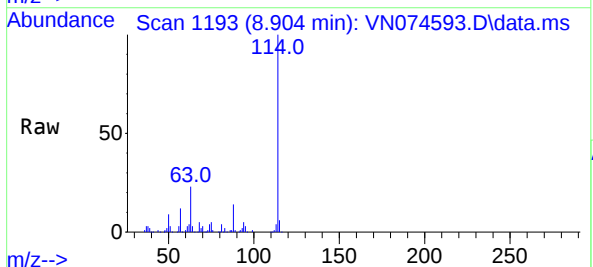
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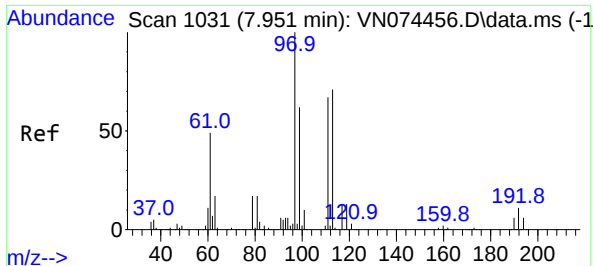
Tgt Ion: 65 Resp: 181569
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 114 Resp: 443186
Ion Ratio Lower Upper
114 100
63 23.4 0.0 40.0
88 13.7 0.0 32.6

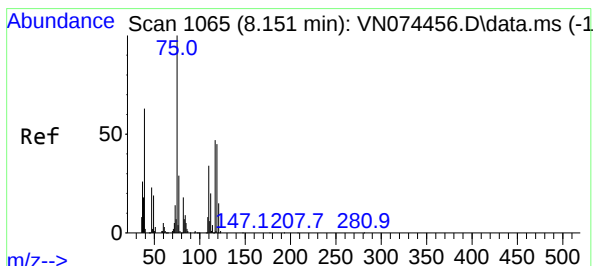
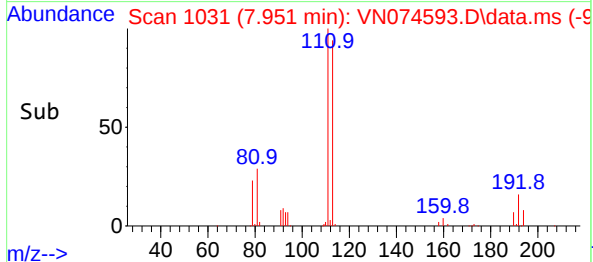
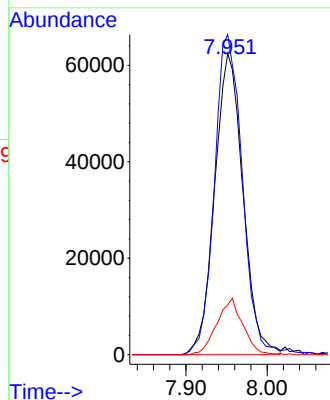
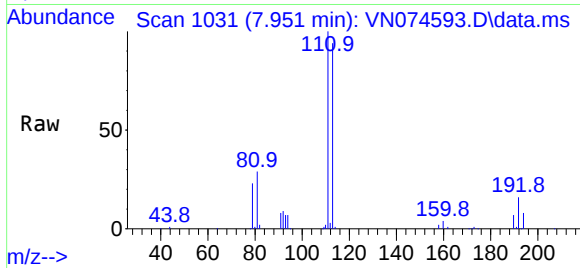




#35
Dibromofluoromethane
Concen: 51.365 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

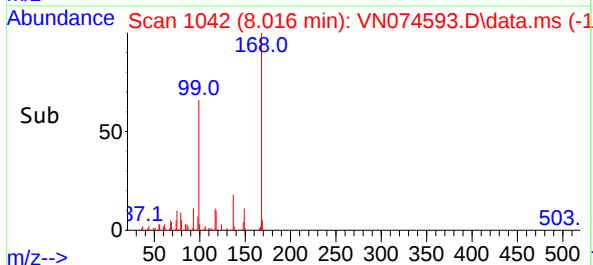
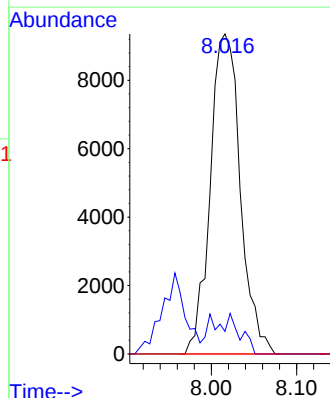
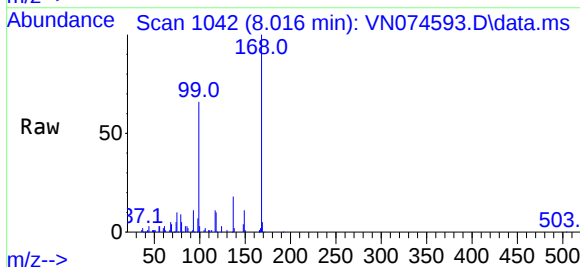
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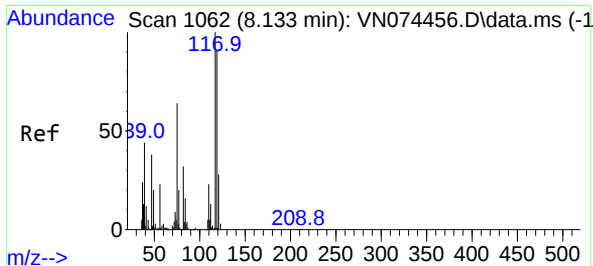
Tgt Ion:113 Resp: 151219
Ion Ratio Lower Upper
113 100
111 105.2 81.4 122.0
192 17.2 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.412 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 75 Resp: 22989
Ion Ratio Lower Upper
75 100
110 3.5 18.3 54.8#
77 0.0 25.1 37.7#

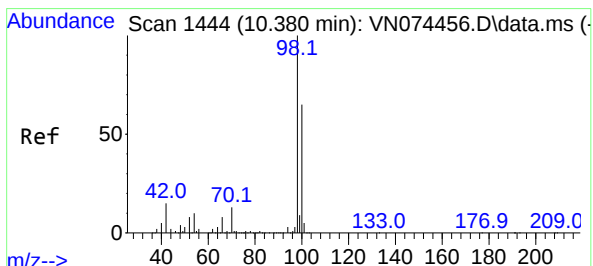
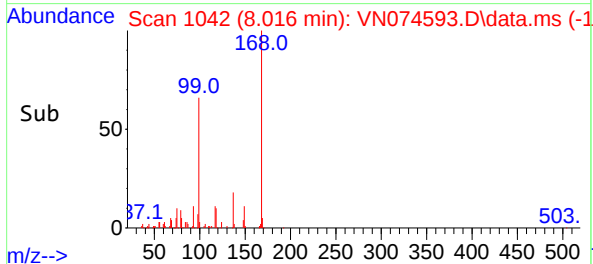
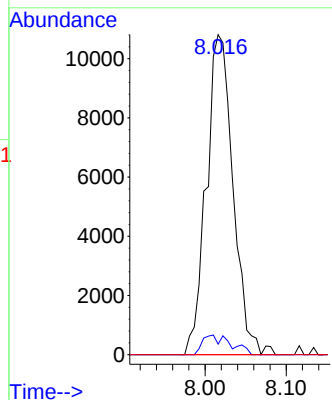
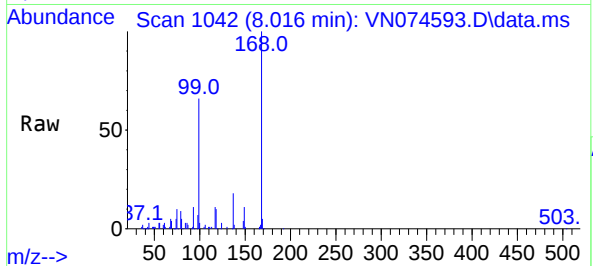




#38
Carbon Tetrachloride
Concen: 5.140 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

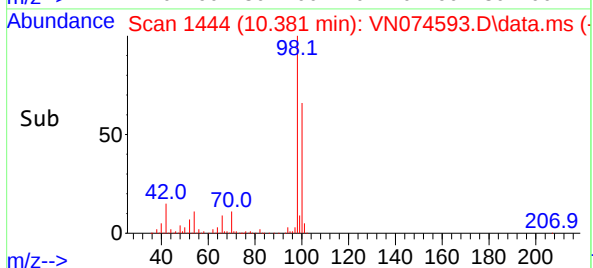
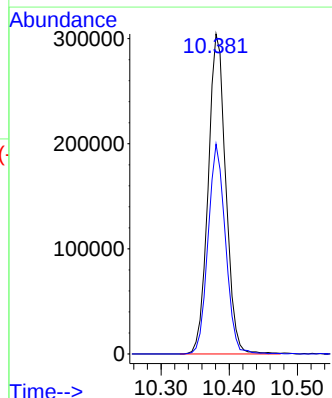
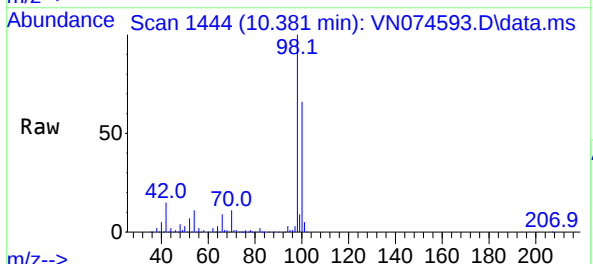
Instrument :
MSVOA_N
ClientSampleId :
5486-1

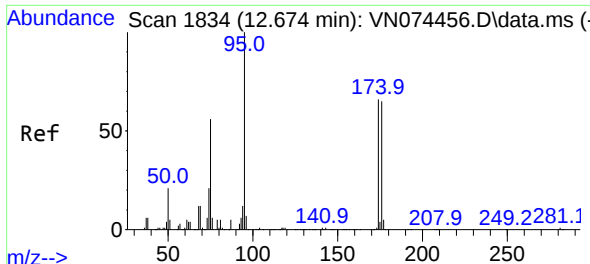
Tgt Ion:117 Resp: 24730
Ion Ratio Lower Upper
117 100
119 3.3 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 48.095 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 98 Resp: 547584
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

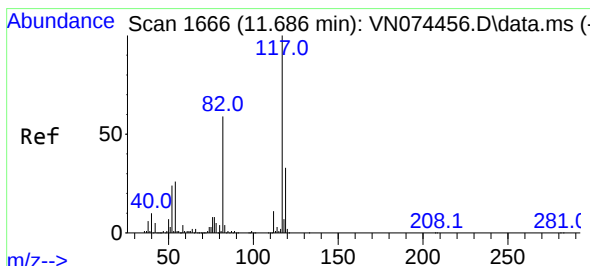
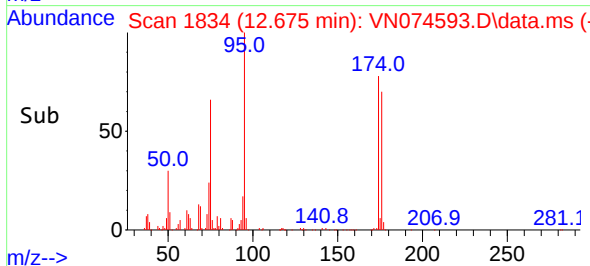
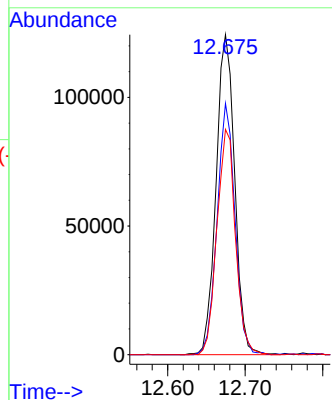
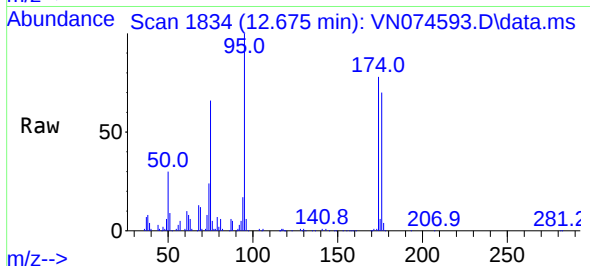




#62
4-Bromofluorobenzene
Concen: 53.140 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

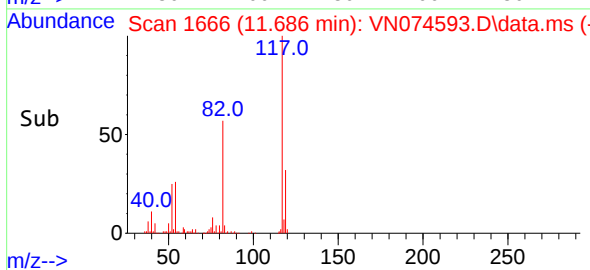
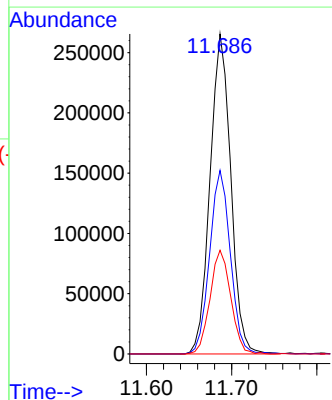
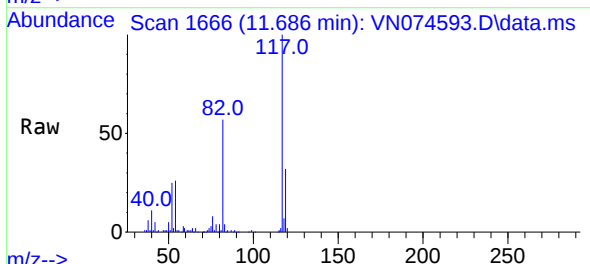
Instrument :
MSVOA_N
ClientSampleId :
5486-1

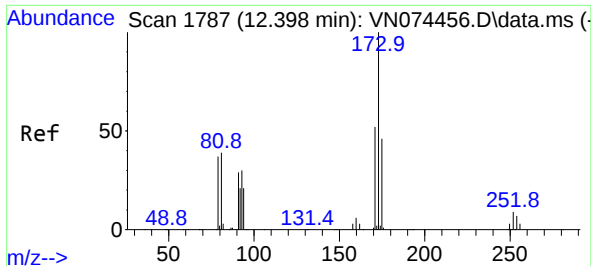
Tgt Ion: 95 Resp: 207218
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 70.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion: 117 Resp: 449413
Ion Ratio Lower Upper
117 100
82 57.4 44.2 66.2
119 32.4 25.4 38.0

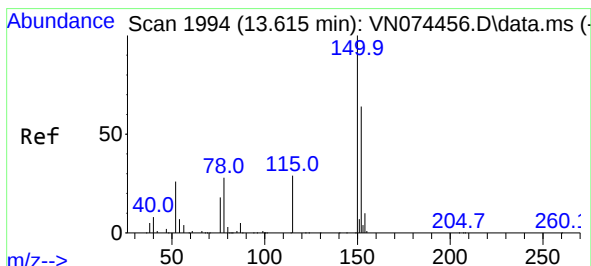
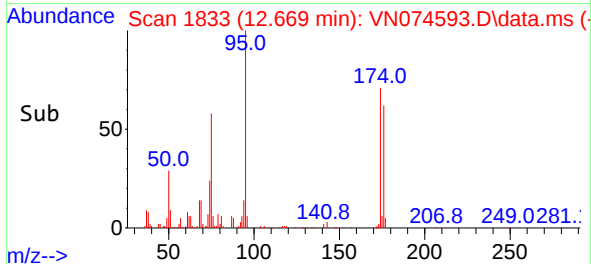
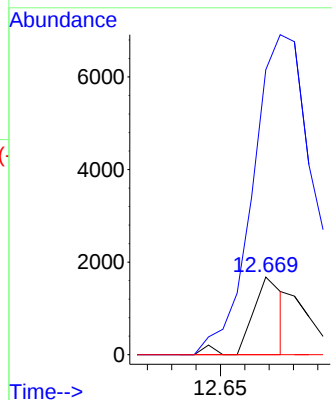
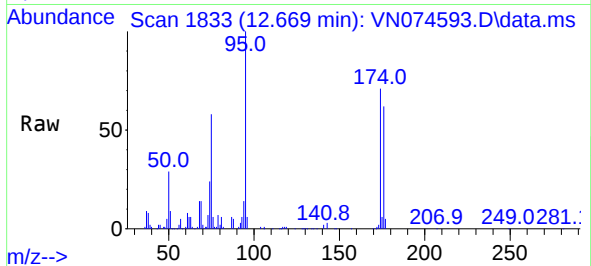




#71
Bromoform
Concen: 0.478 ug/l
RT: 12.669 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

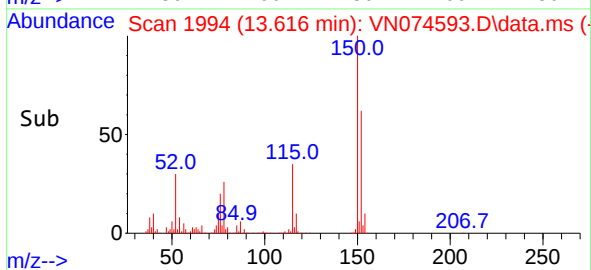
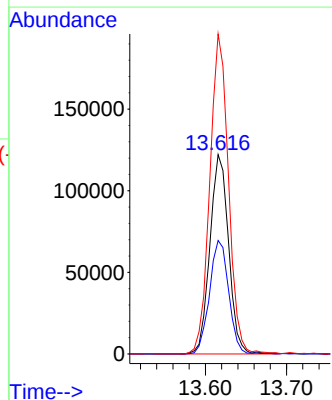
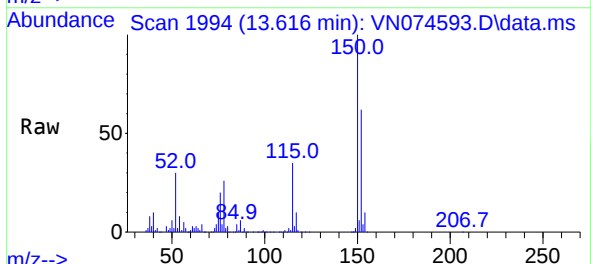
Instrument :
MSVOA_N
ClientSampleId :
5486-1

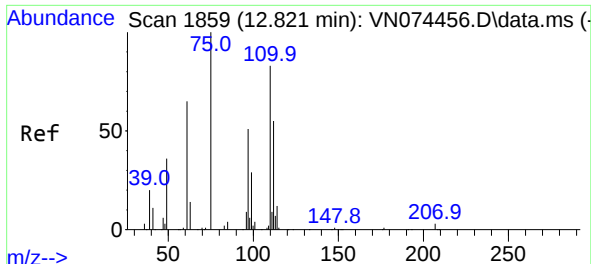
Tgt Ion:173 Resp: 1439
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Tgt Ion:152 Resp: 195406
Ion Ratio Lower Upper
152 100
115 58.4 28.9 86.7
150 160.0 0.0 356.2

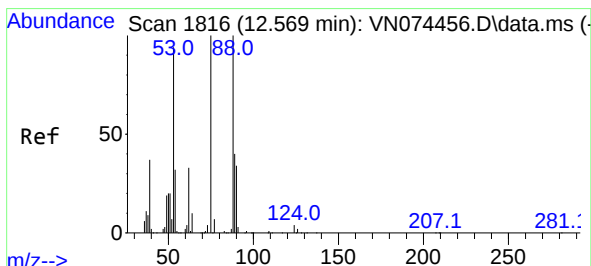
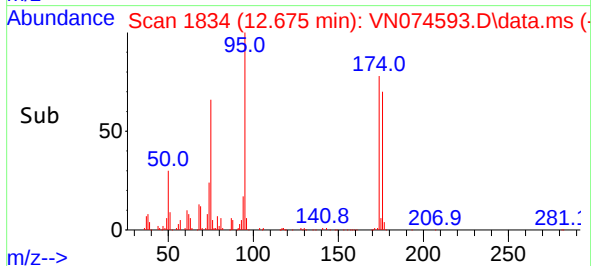
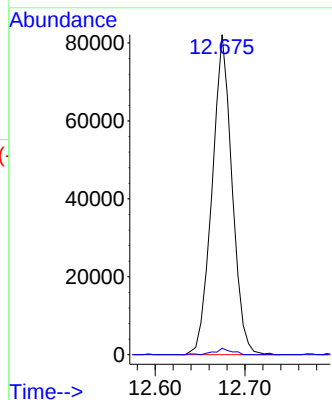
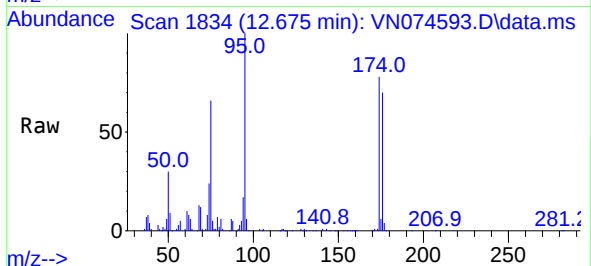




#76
1,2,3-Trichloropropane
Concen: 21.107 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

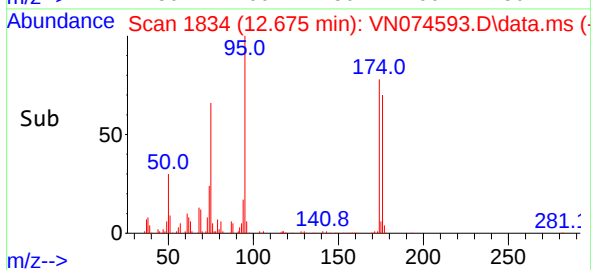
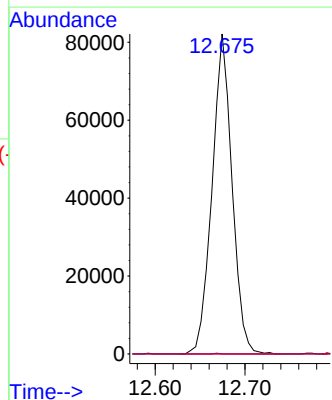
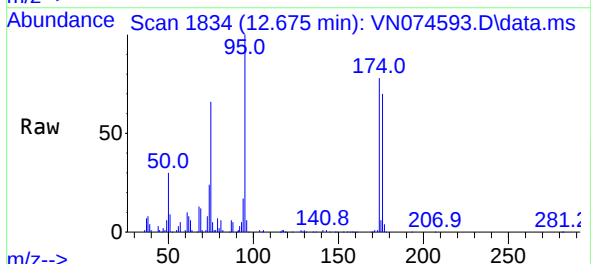
Instrument :
MSVOA_N
ClientSampleId :
5486-1

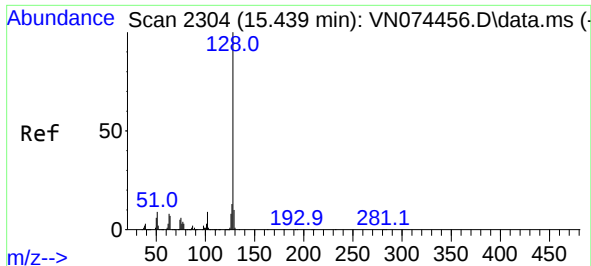
Tgt Ion: 75 Resp: 126954
Ion Ratio Lower Upper
75 100
77 1.7 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 45.556 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

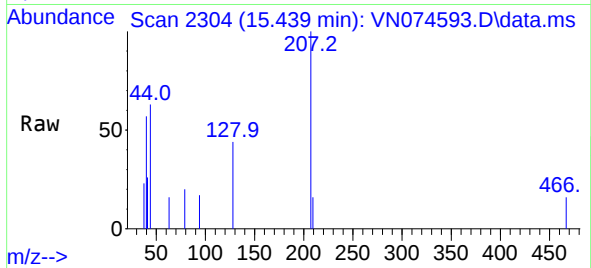
Tgt Ion: 75 Resp: 126954
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
Naphthalene
Concen: 1.602 ug/l
RT: 15.439 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN074593.D
Acq: 19 Sep 2022 18:06

Instrument :
MSVOA_N
ClientSampleId :
5486-1



Tgt Ion:128 Resp: 230
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

