

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074592.D
 Acq On : 19 Sep 2022 17:41
 Operator : JC\MD
 Sample : N4684-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 20 04:20:55 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)

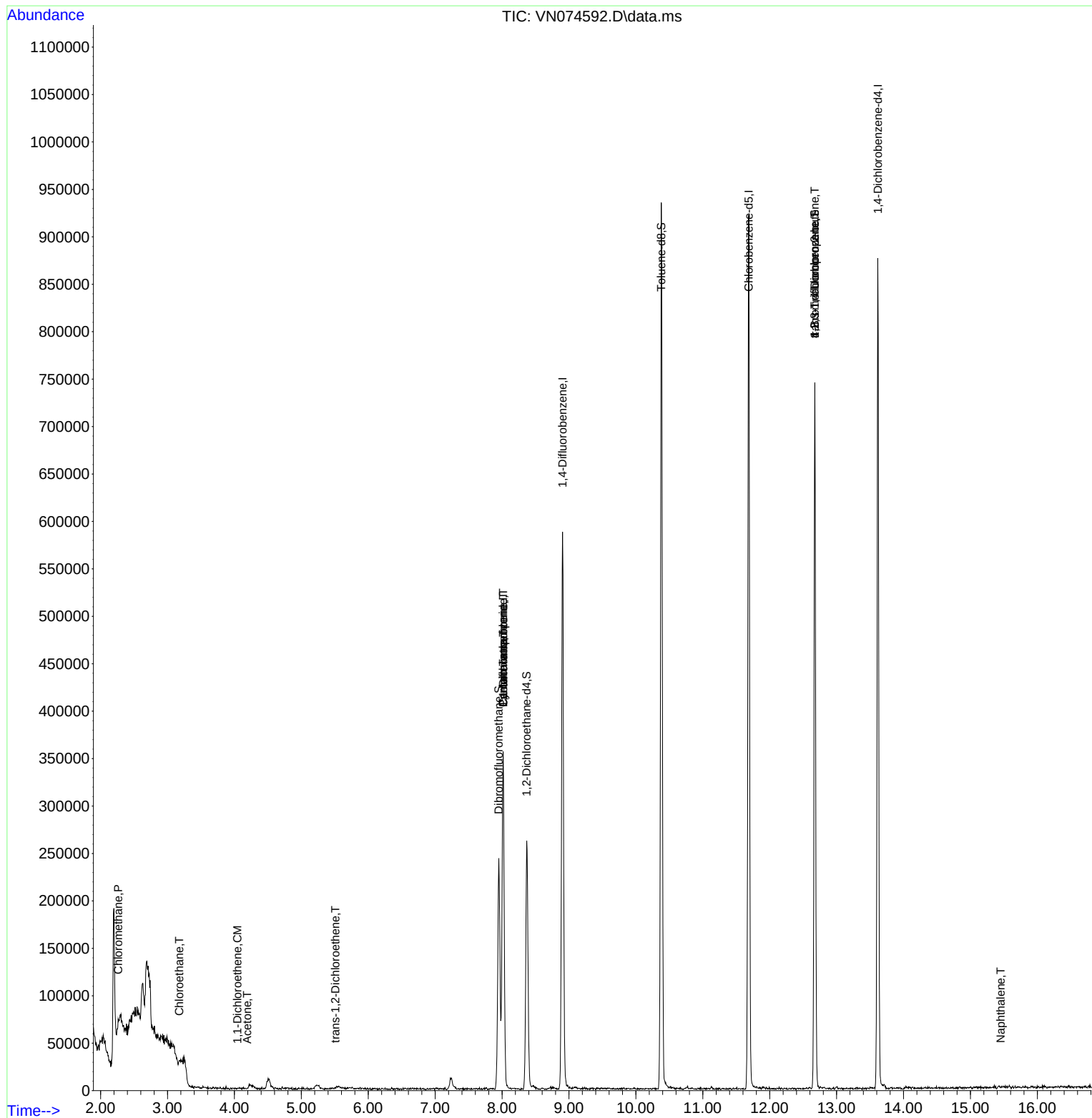
Internal Standards						
1) Pentafluorobenzene	8.016	168	243382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	484815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	462385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	201933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	196964	47.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.400%
35) Dibromofluoromethane	7.951	113	167004	51.856	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.720%
50) Toluene-d8	10.380	98	594592	47.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.674	95	215061	50.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	2009	0.707	ug/l #	73
6) Chloroethane	3.175	64	2777	0.853	ug/l #	42
12) 1,1-Dichloroethene	4.046	96	261	0.765	ug/l #	1
16) Acetone	4.193	43	654	0.247	ug/l #	42
21) trans-1,2-Dichloroethene	5.510	96	79	0.451	ug/l #	1
31) Cyclohexane	8.016	56	8426	1.150	ug/l #	52
36) 1,1-Dichloropropene	8.016	75	24910	4.370	ug/l #	49
38) Carbon Tetrachloride	8.016	117	25607	4.865	ug/l #	17
76) 1,2,3-Trichloropropane	12.674	75	136273	21.924	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	136273	47.319	ug/l #	11
95) Naphthalene	15.451	128	629	1.624	ug/l #	69

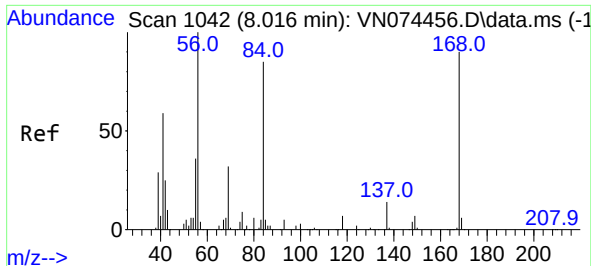
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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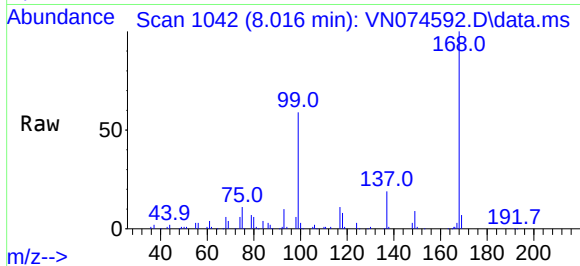
Quant Time: Sep 20 04:20:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration



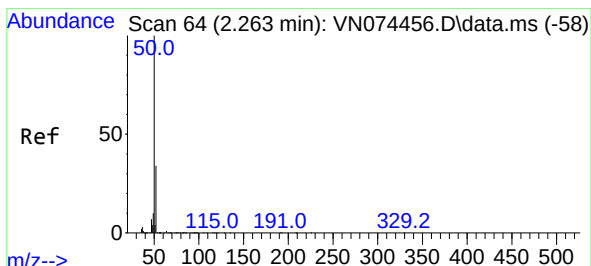
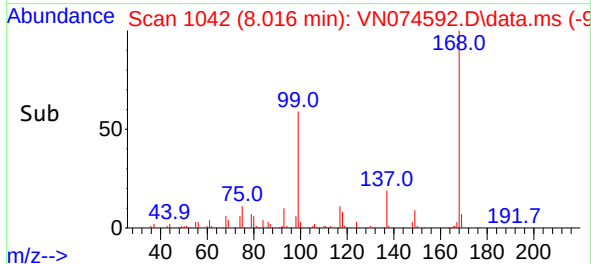
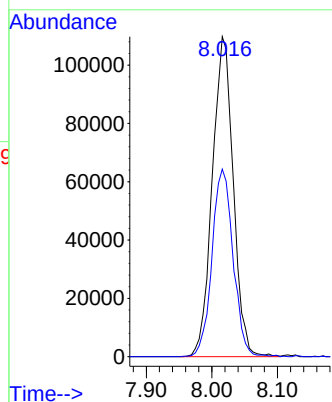


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :

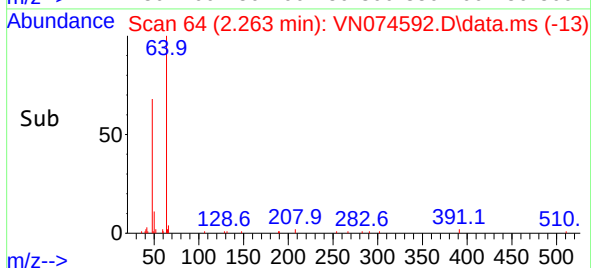
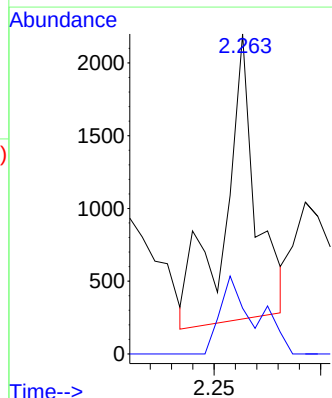
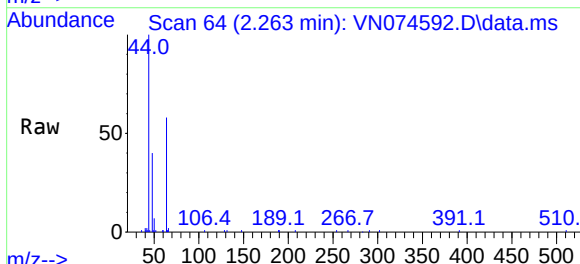


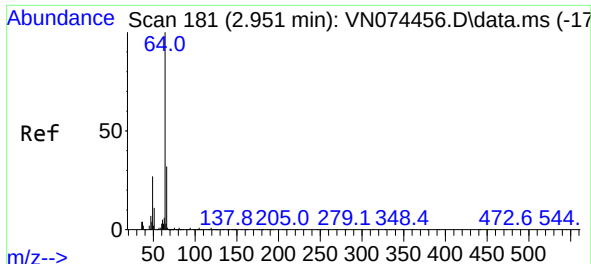
Tgt Ion:168 Resp: 243382
Ion Ratio Lower Upper
168 100
99 58.6 42.3 63.5



#3
Chloromethane
Concen: 0.707 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Tgt Ion: 50 Resp: 2009
Ion Ratio Lower Upper
50 100
52 16.8 25.7 38.5#

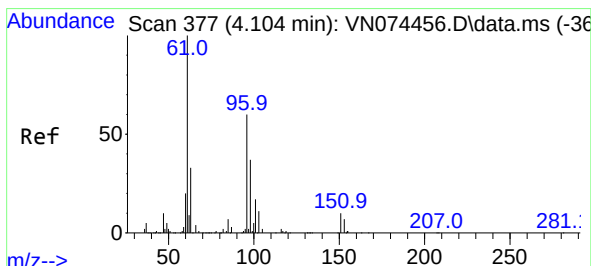
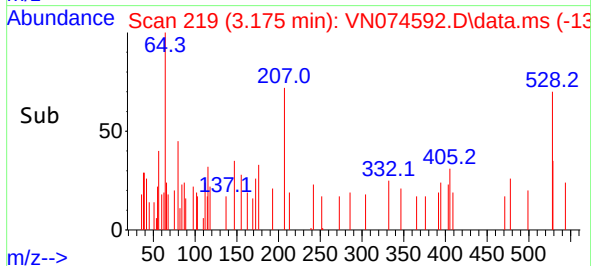
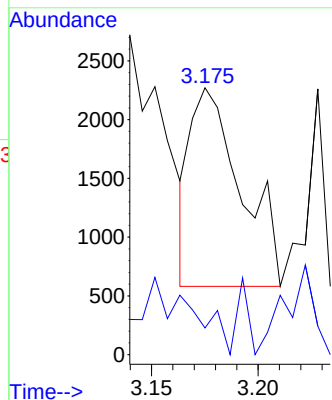
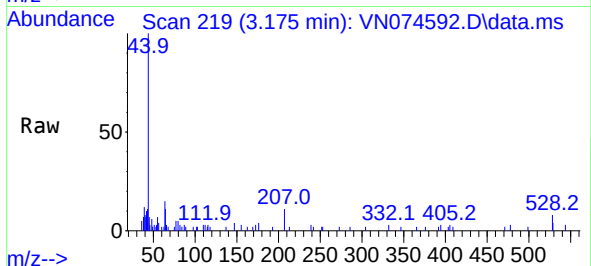




#6
Chloroethane
Concen: 0.853 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.224 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

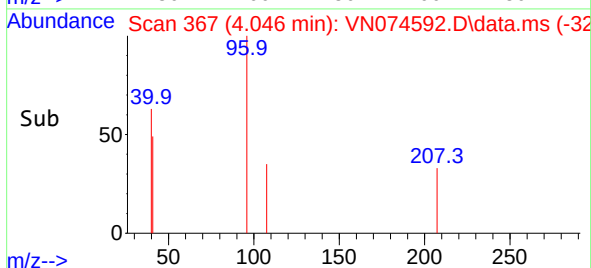
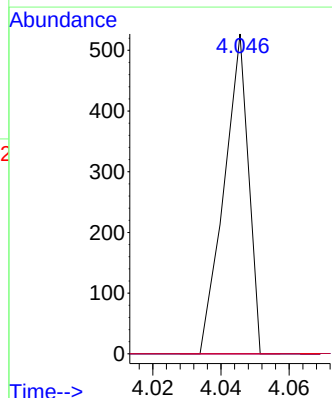
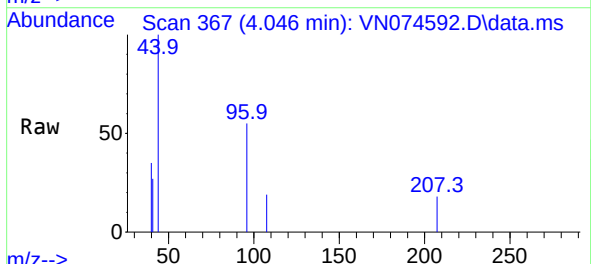
Instrument :
MSVOA_N
ClientSampleId :

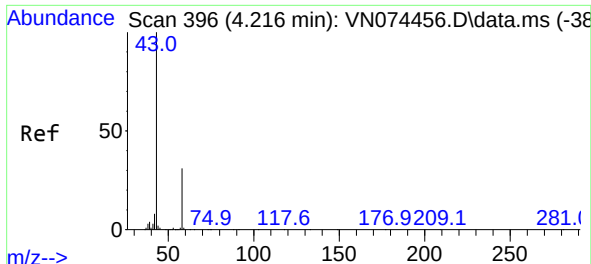
Tgt Ion: 64 Resp: 2777
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#12
1,1-Dichloroethene
Concen: 0.765 ug/l
RT: 4.046 min Scan# 367
Delta R.T. -0.058 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Tgt Ion: 96 Resp: 261
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#

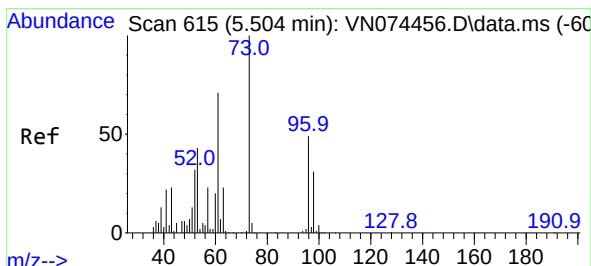
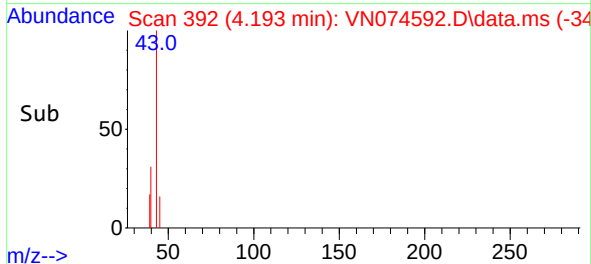
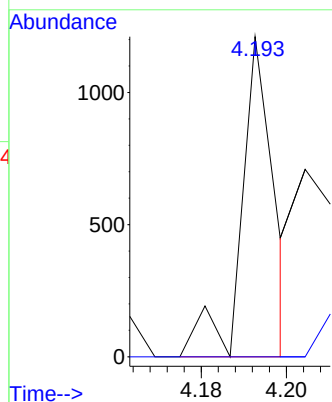
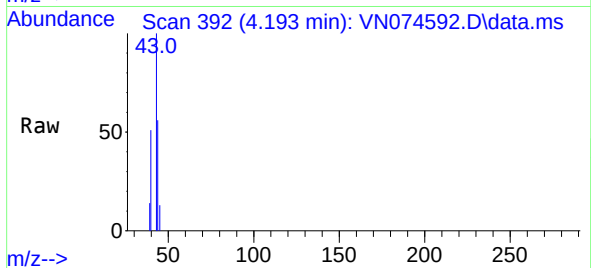




#16
Acetone
Concen: 0.247 ug/l
RT: 4.193 min Scan# 391
Delta R.T. -0.023 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

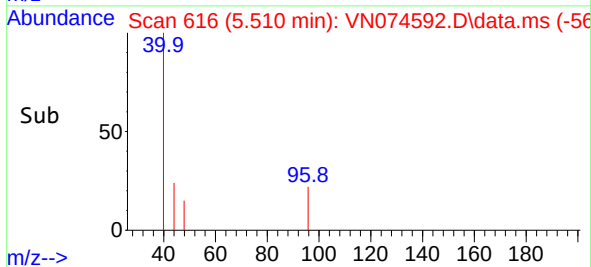
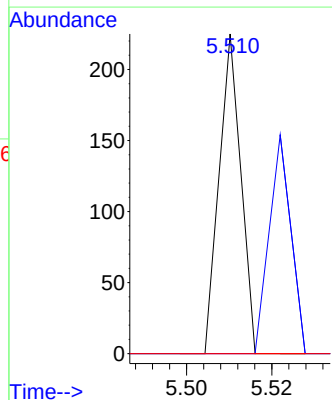
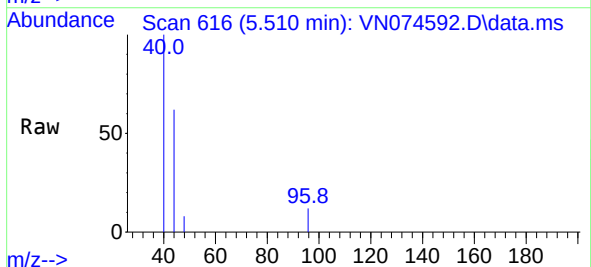
Instrument :
MSVOA_N
ClientSampleId :

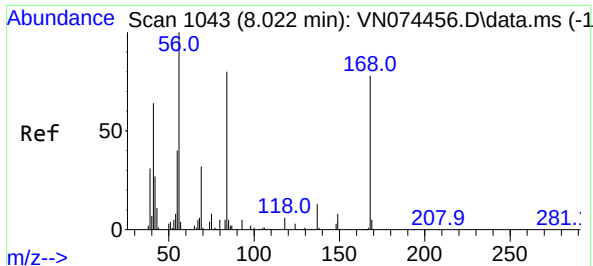
Tgt Ion: 43 Resp: 654
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#21
trans-1,2-Dichloroethene
Concen: 0.451 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

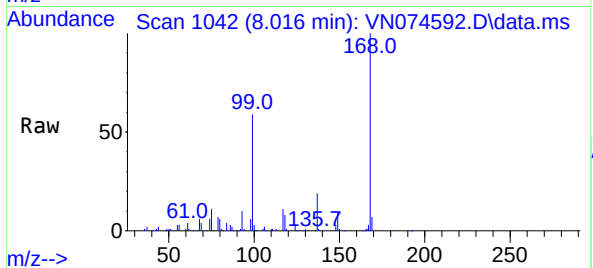
Tgt Ion: 96 Resp: 79
Ion Ratio Lower Upper
96 100
61 0.0 105.8 158.8#
98 0.0 50.3 75.5#



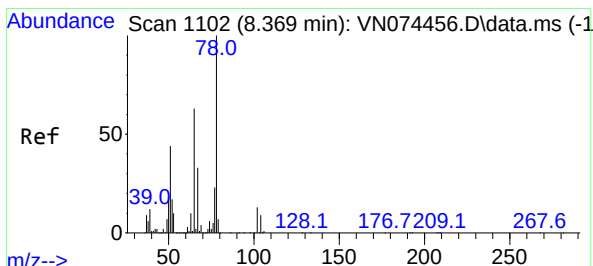
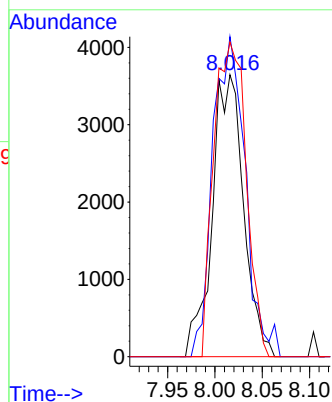
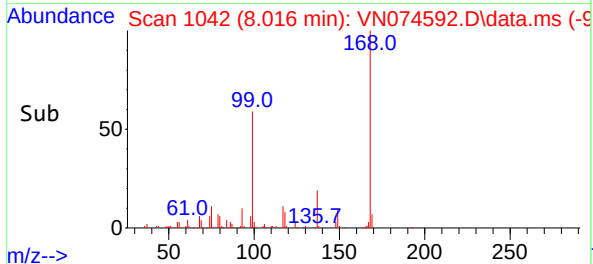


#31
Cyclohexane
Concen: 1.150 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :

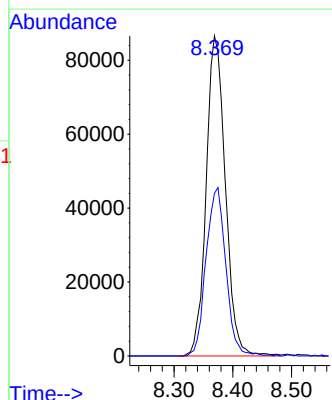
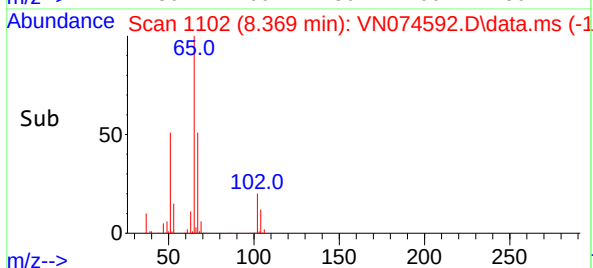
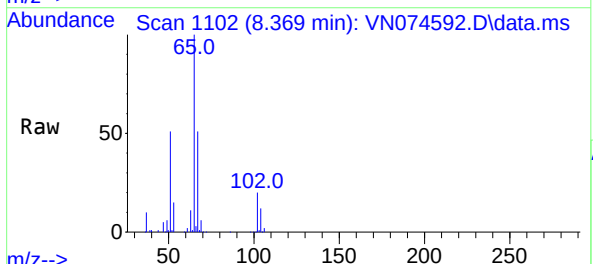


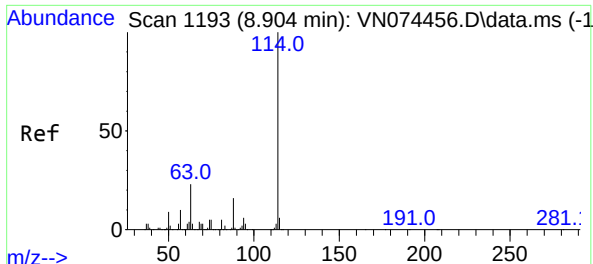
Tgt Ion: 56 Resp: 8426
Ion Ratio Lower Upper
56 100
69 113.5 27.8 41.8#
84 111.6 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 47.696 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Tgt Ion: 65 Resp: 196964
Ion Ratio Lower Upper
65 100
67 54.3 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

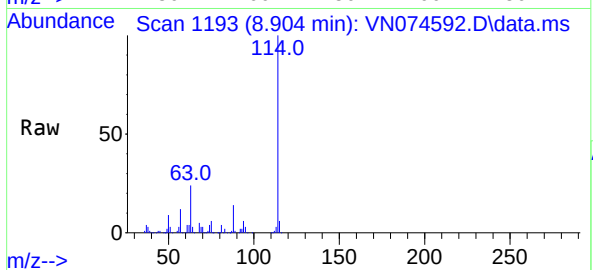
Lab File: VN074592.D

Acq: 19 Sep 2022 17:41

Instrument :

MSVOA_N

ClientSampleId :



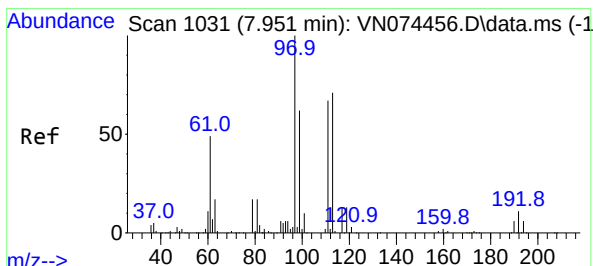
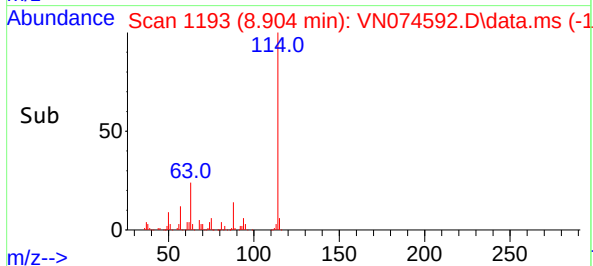
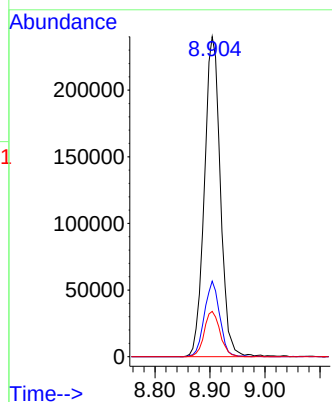
Tgt Ion:114 Resp: 484815

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 14.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.856 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074592.D

Acq: 19 Sep 2022 17:41

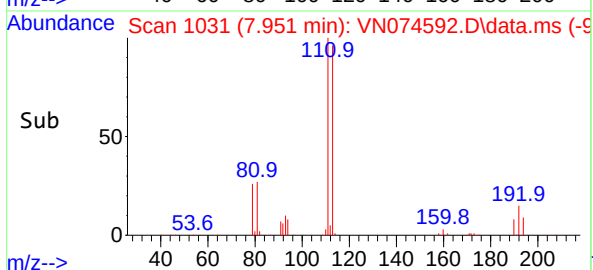
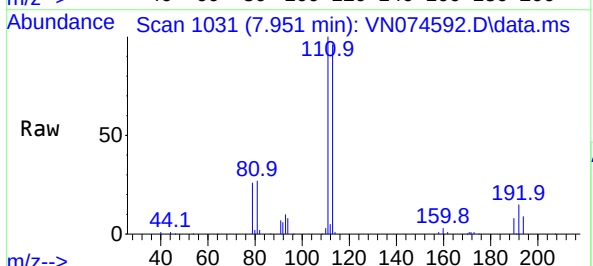
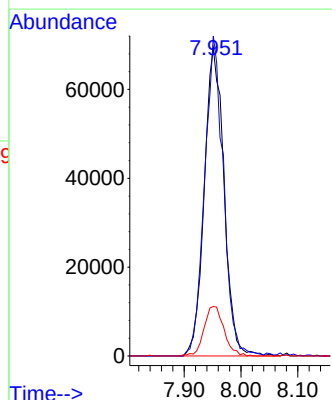
Tgt Ion:113 Resp: 167004

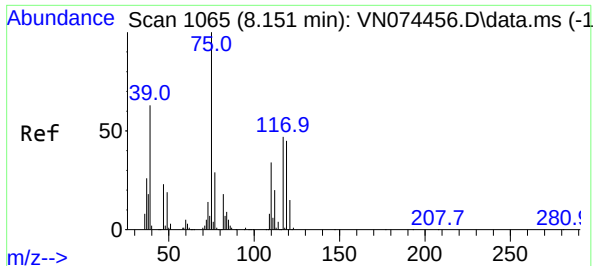
Ion Ratio Lower Upper

113 100

111 99.3 81.4 122.0

192 16.3 17.0 25.6#

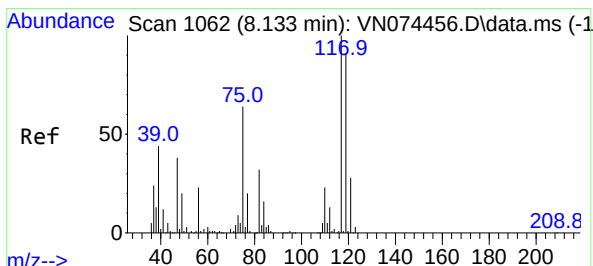
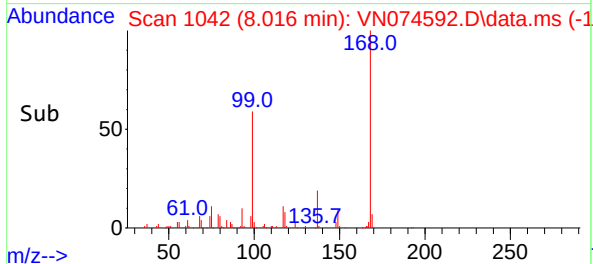
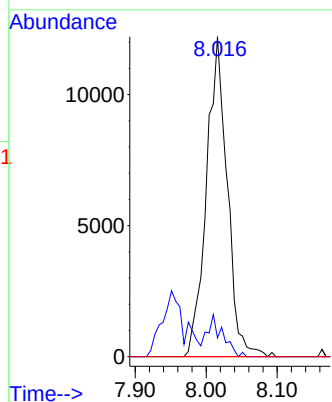
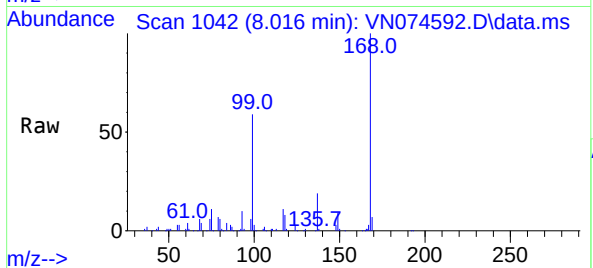




#36
1,1-Dichloropropene
Concen: 4.370 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

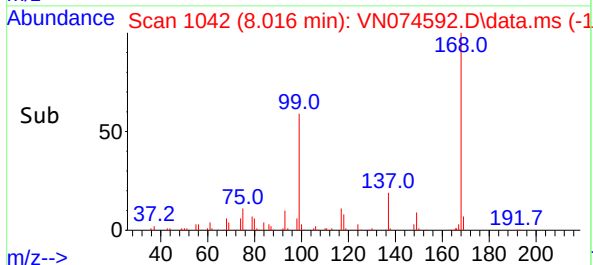
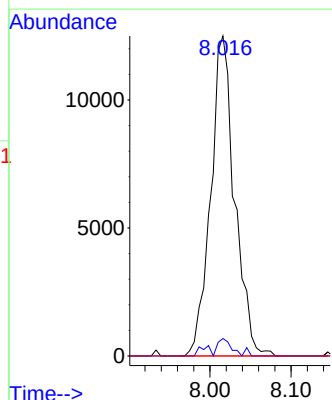
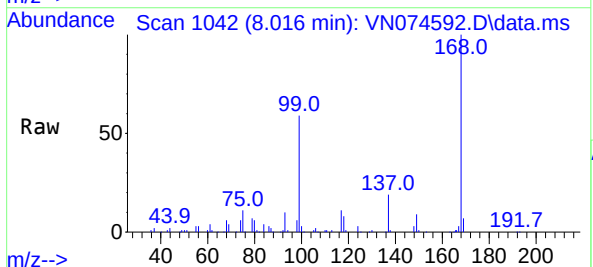
Instrument :
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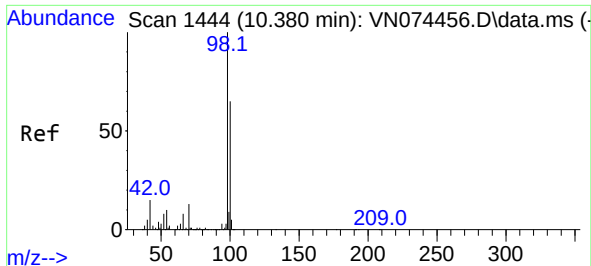
Tgt Ion: 75 Resp: 24910
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 4.865 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.117 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Tgt Ion: 117 Resp: 25607
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#

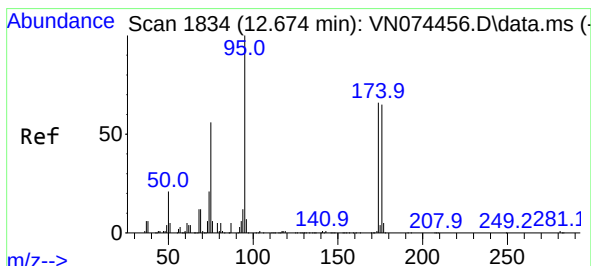
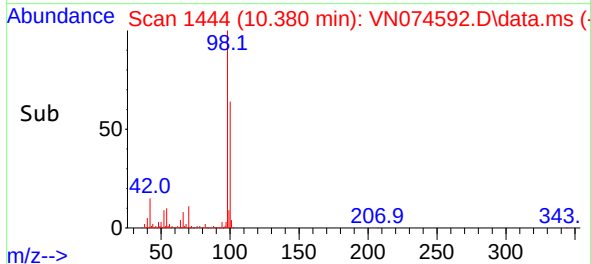
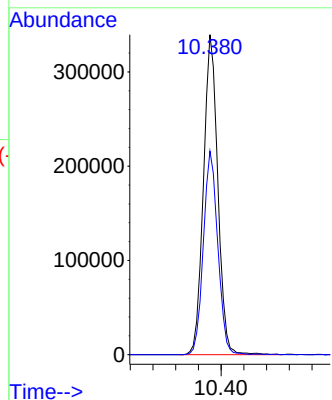
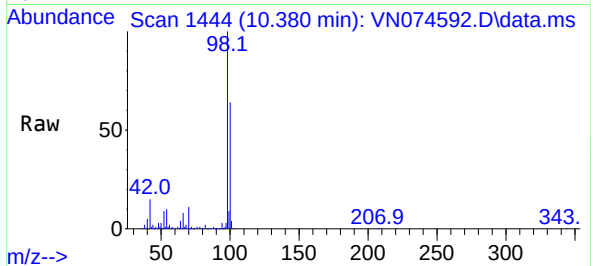




#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

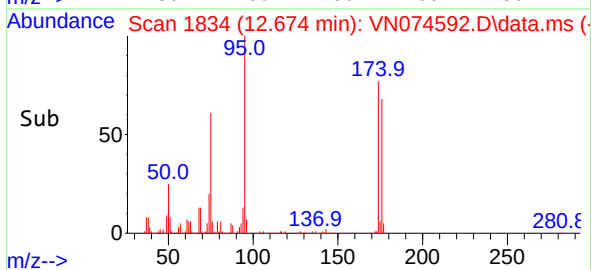
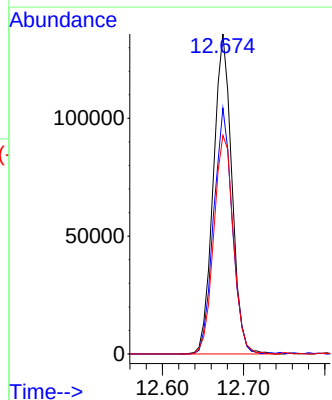
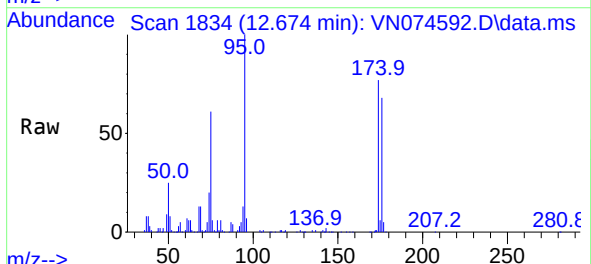
Instrument :
MSVOA_N
ClientSampleId :

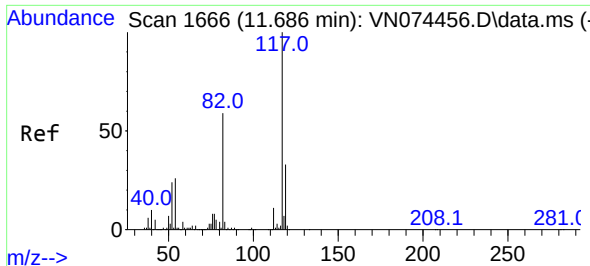
Tgt Ion: 98 Resp: 594592
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.415 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

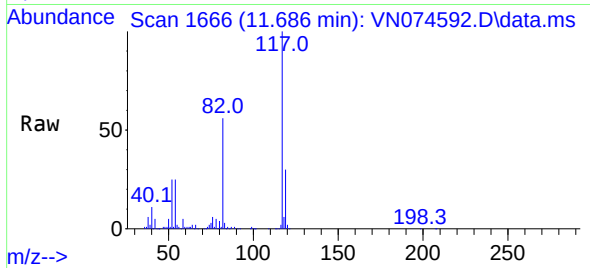
Tgt Ion: 95 Resp: 215061
Ion Ratio Lower Upper
95 100
174 77.1 0.0 167.6
176 72.2 0.0 163.4





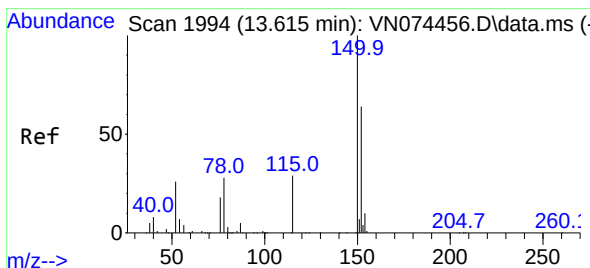
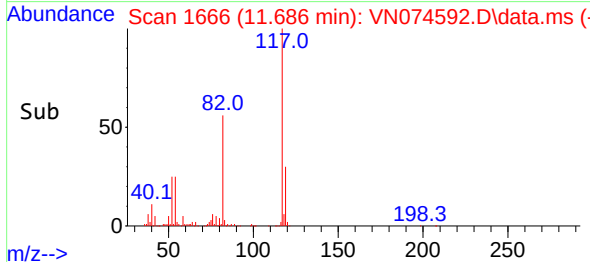
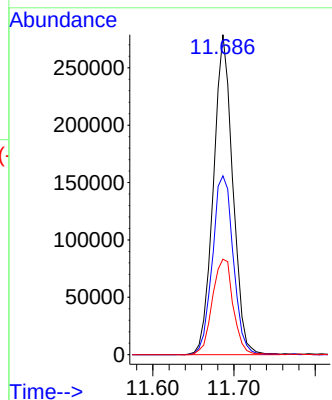
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:117 Resp: 462385

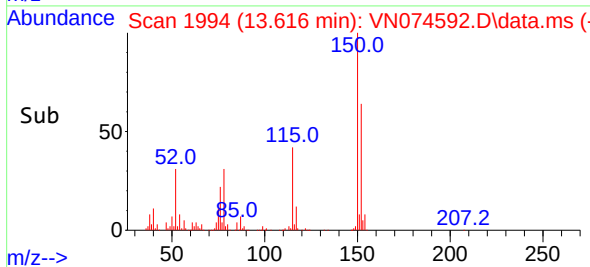
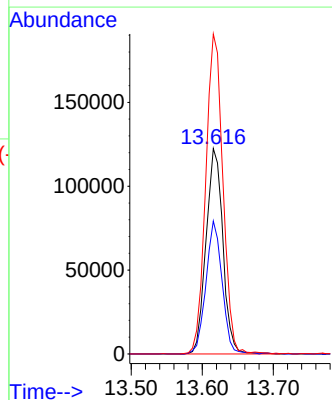
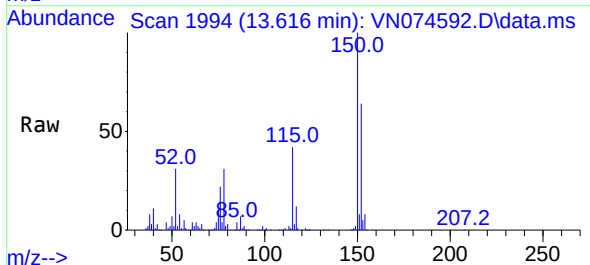
Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.2	66.2
119	29.9	25.4	38.0

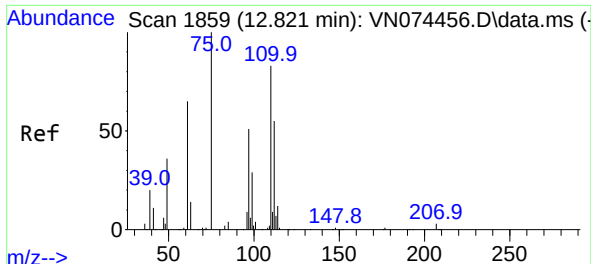


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

Tgt Ion:152 Resp: 201933

Ion	Ratio	Lower	Upper
152	100		
115	62.3	28.9	86.7
150	158.1	0.0	356.2

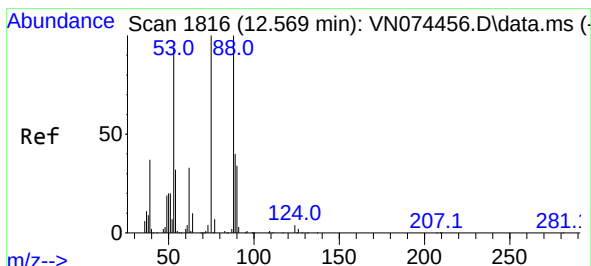
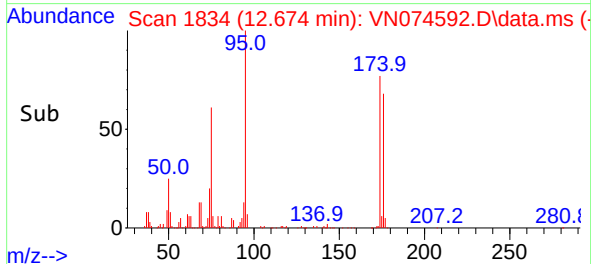
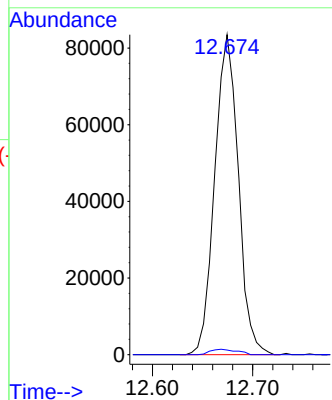
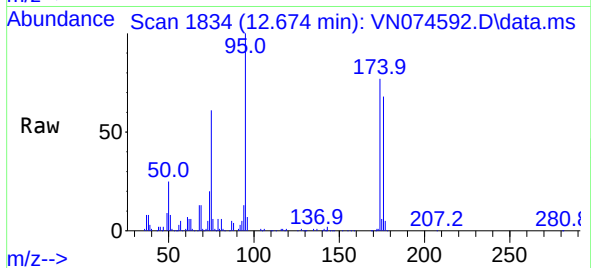




#76
1,2,3-Trichloropropane
Concen: 21.924 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

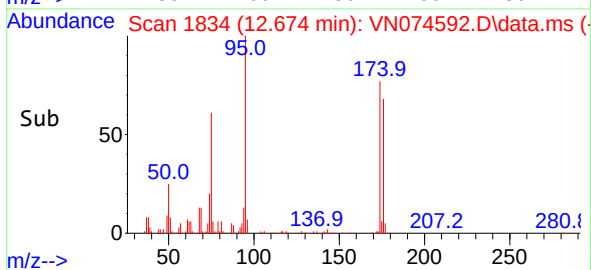
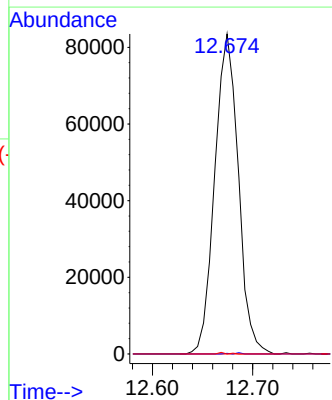
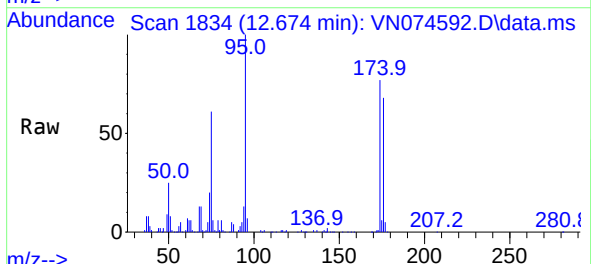
Instrument :
MSVOA_N
ClientSampleId :

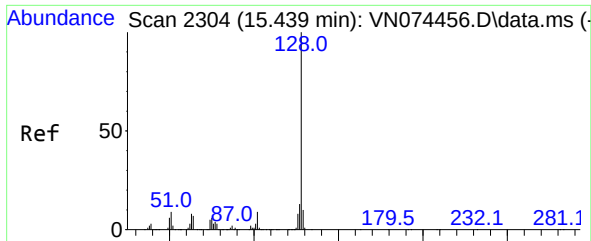
Tgt Ion: 75 Resp: 136273
Ion Ratio Lower Upper
75 100
77 2.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 47.319 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074592.D
Acq: 19 Sep 2022 17:41

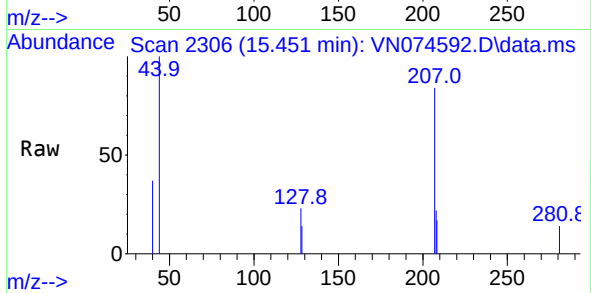
Tgt Ion: 75 Resp: 136273
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.2 37.2 55.8#





#95
 Naphthalene
 Concen: 1.624 ug/l
 RT: 15.451 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN074592.D
 Acq: 19 Sep 2022 17:41

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	128	Resp:	629
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

