

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073664.D
 Acq On : 01 Aug 2022 16:57
 Operator : JC\MD
 Sample : N3840-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 05:03:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

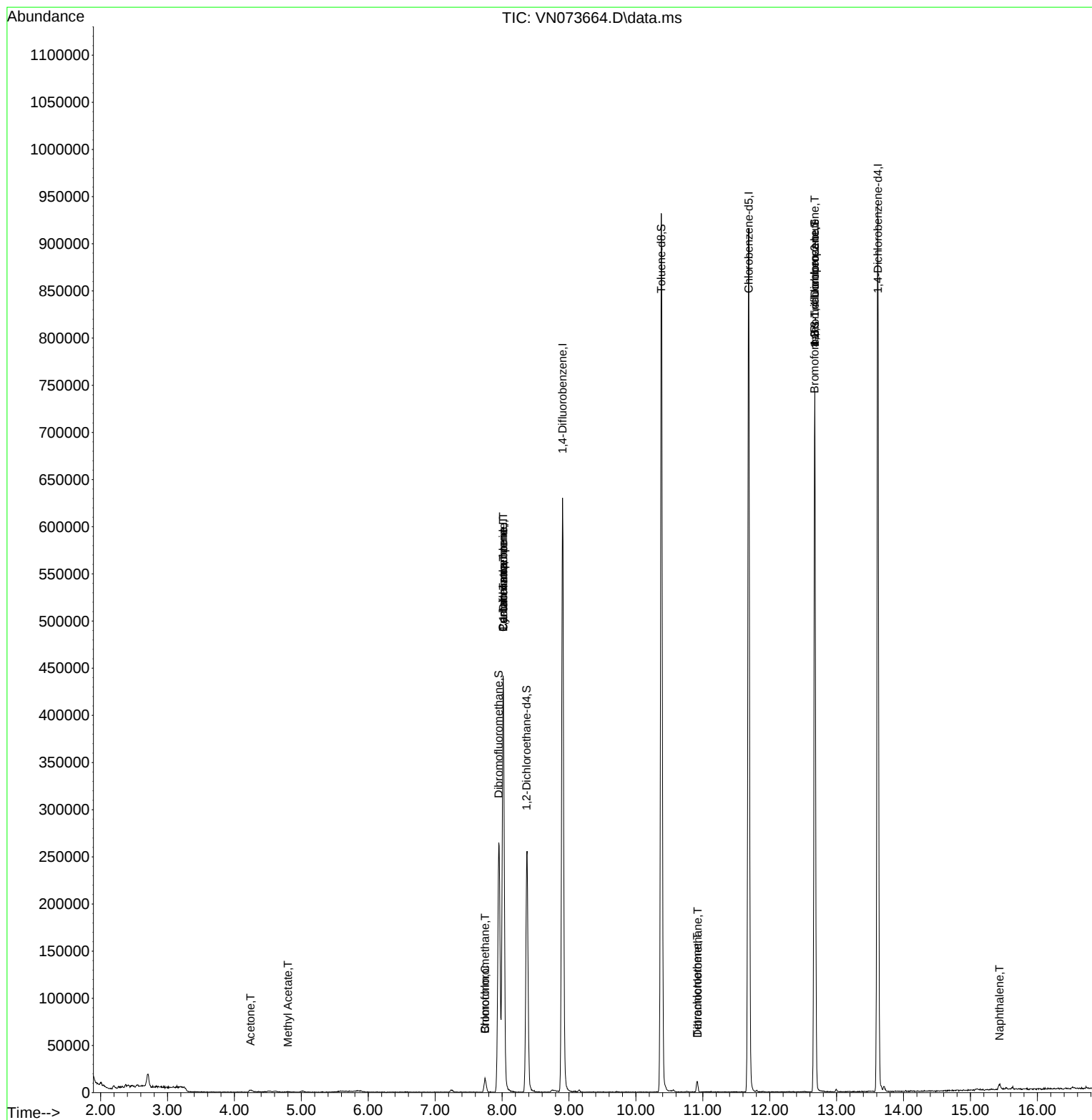
Internal Standards						
1) Pentafluorobenzene	8.016	168	352206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	574542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	541869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	264218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	211125	49.188	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.380%	
35) Dibromofluoromethane	7.951	113	198673	55.068	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	110.140%	
50) Toluene-d8	10.380	98	652590	45.967	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	91.940%	
62) 4-Bromofluorobenzene	12.674	95	240167	50.530	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	101.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.263	50	1100	Below Cal	#	43
6) Chloroethane	2.940	64	128	Below Cal	#	42
16) Acetone	4.239	43	4617	2.003	ug/l #	80
18) Methyl Acetate	4.798	43	1517	0.264	ug/l #	48
20) Methylene Chloride	5.022	84	1305	Below Cal	#	78
28) Bromochloromethane	7.745	49	1123	0.377	ug/l #	8
30) Chloroform	7.745	83	13604	1.841	ug/l	96
31) Cyclohexane	8.016	56	6890	1.078	ug/l #	33
36) 1,1-Dichloropropene	8.016	75	25426	4.945	ug/l #	49
38) Carbon Tetrachloride	8.016	117	32745	6.270	ug/l #	16
60) Dibromochloromethane	10.921	129	2466	0.583	ug/l #	11
64) Tetrachloroethene	10.916	164	2774	0.644	ug/l #	85
71) Bromoform	12.668	173	1978	0.580	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	123962	23.930	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	123962	60.801	ug/l #	10
95) Naphthalene	15.433	128	7708	0.513	ug/l	95

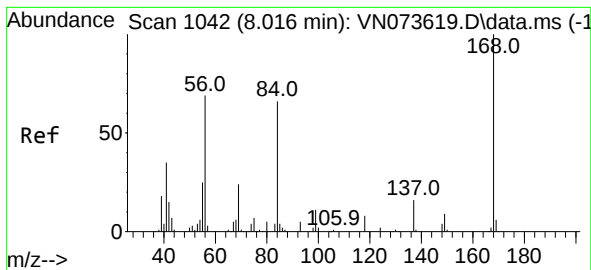
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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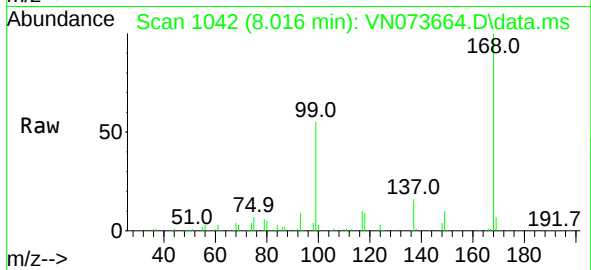
Quant Time: Aug 02 05:03:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 29 02:20:25 2022
Response via : Initial Calibration



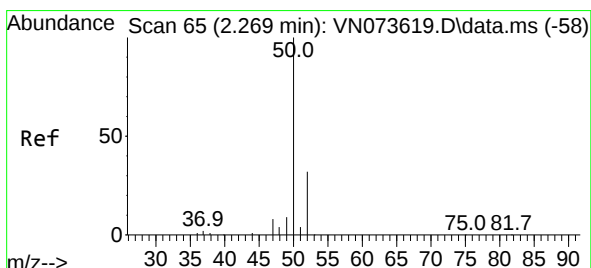
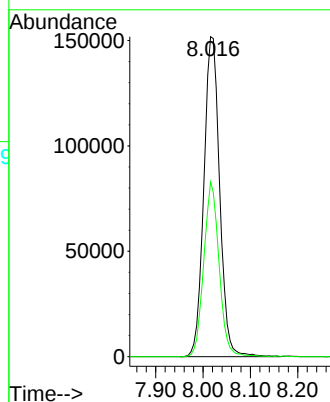
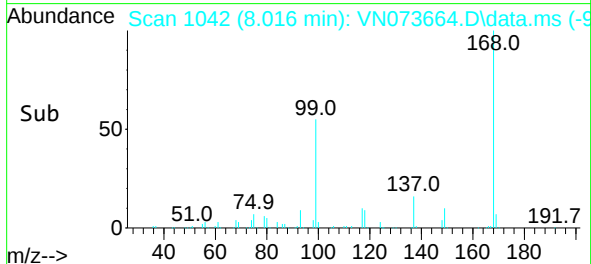


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

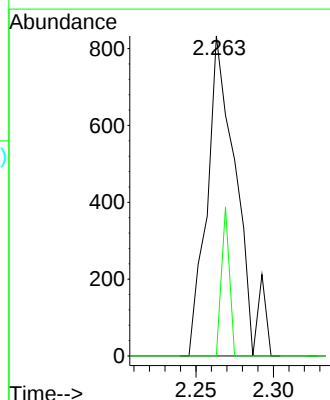
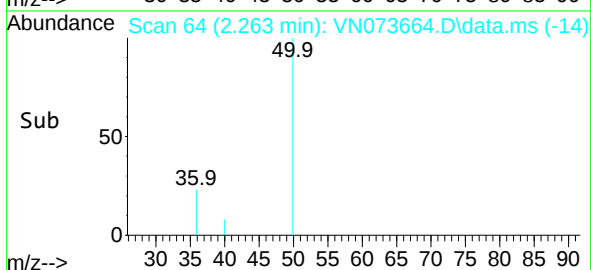
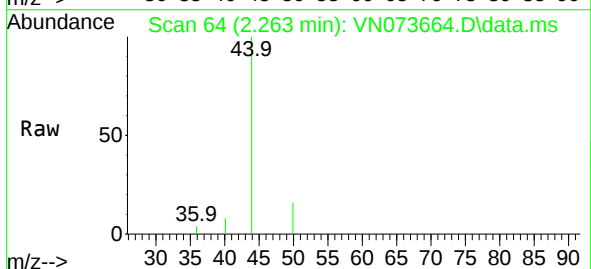


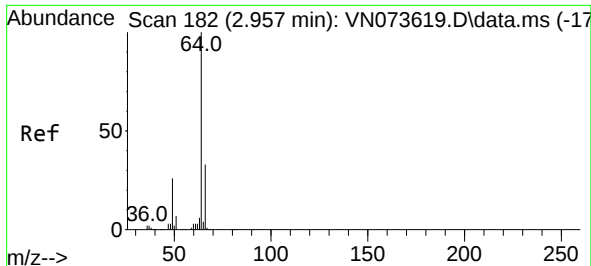
Tgt Ion:168 Resp: 352206
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion: 50 Resp: 1100
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

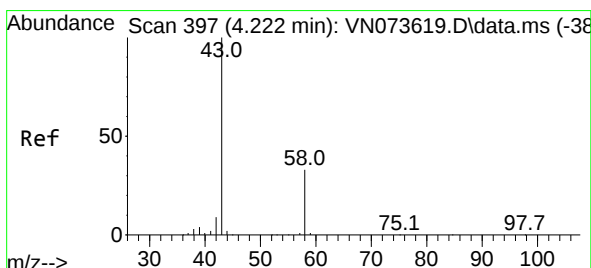
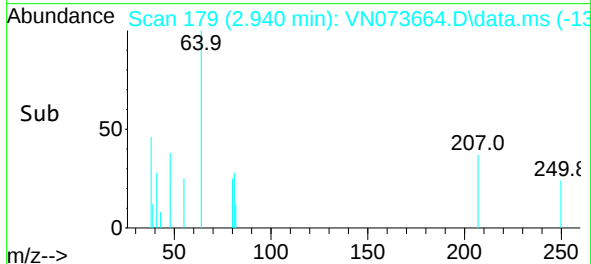
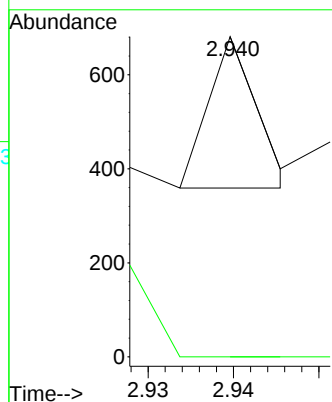
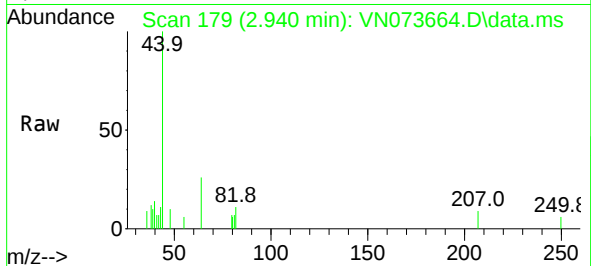




#6
Chloroethane
Concen: Below Cal
RT: 2.940 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

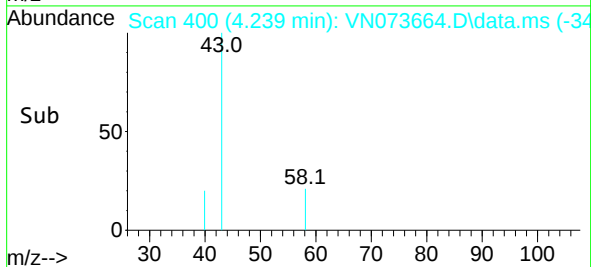
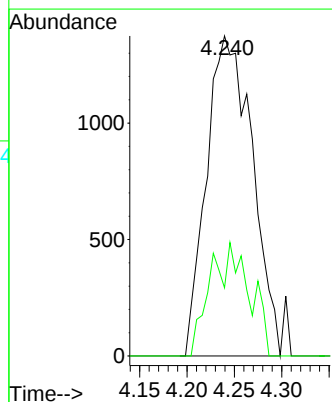
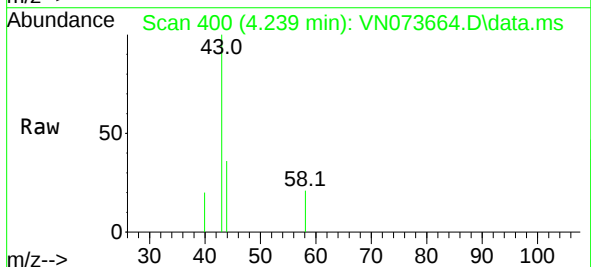
Instrument :
MSVOA_N
ClientSampleId :

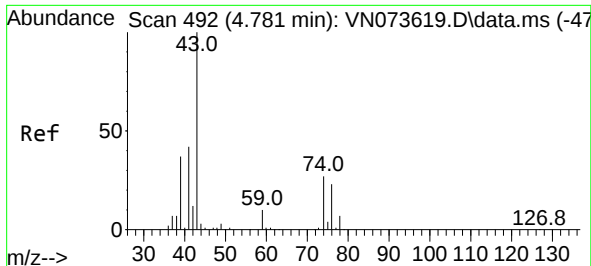
Tgt Ion: 64 Resp: 128
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.003 ug/l
RT: 4.239 min Scan# 400
Delta R.T. 0.017 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion: 43 Resp: 4617
Ion Ratio Lower Upper
43 100
58 21.3 26.0 39.0#

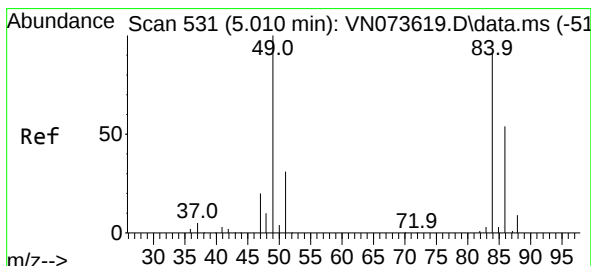
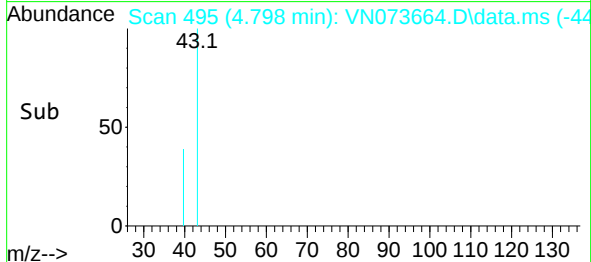
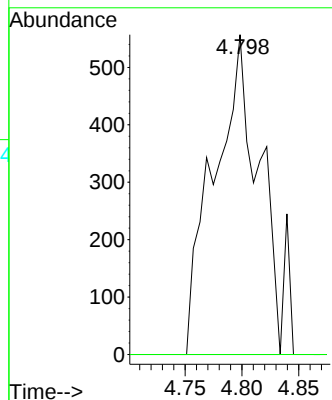
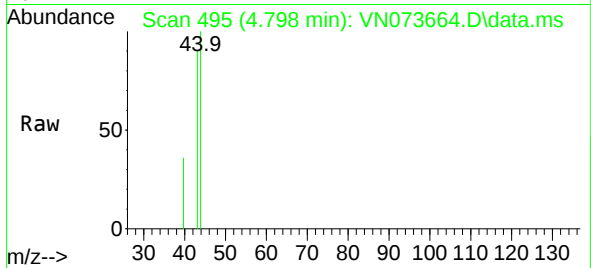




#18
Methyl Acetate
Concen: 0.264 ug/l
RT: 4.798 min Scan# 495
Delta R.T. 0.018 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

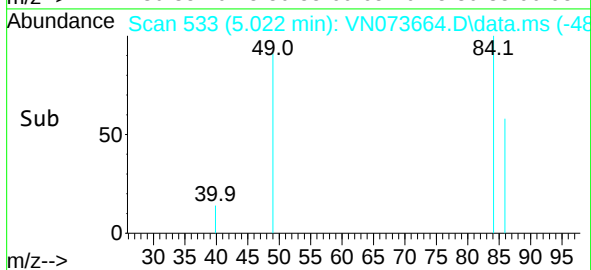
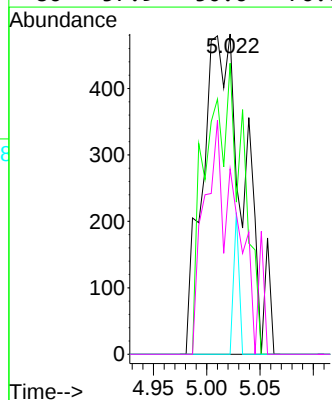
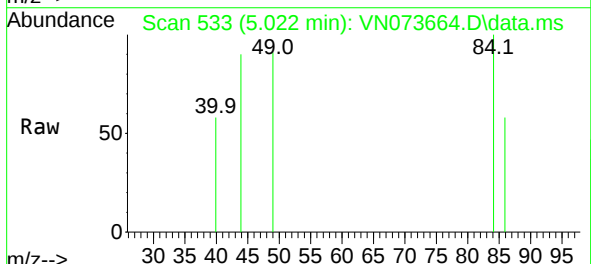
Instrument :
MSVOA_N
ClientSampleId :

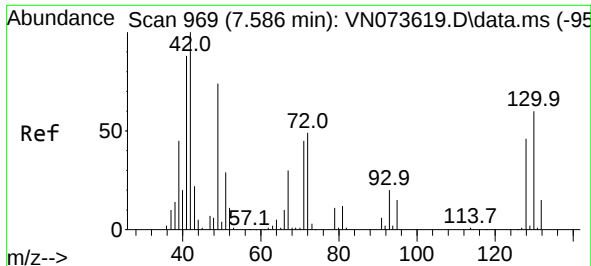
Tgt Ion: 43 Resp: 1517
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.022 min Scan# 533
Delta R.T. 0.012 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion: 84 Resp: 1305
Ion Ratio Lower Upper
84 100
49 90.9 88.3 132.5
51 0.0 28.2 42.2#
86 57.9 50.6 76.0

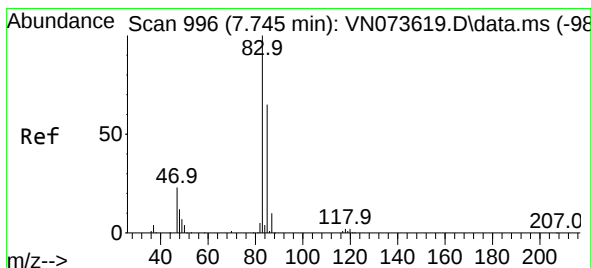
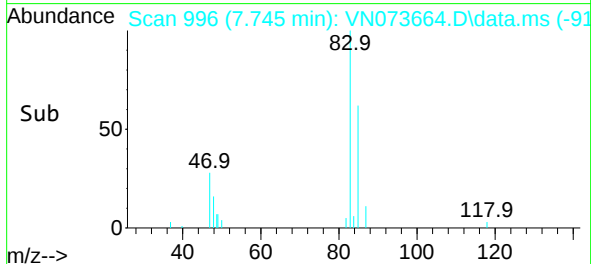
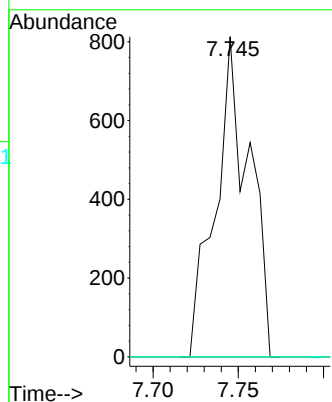
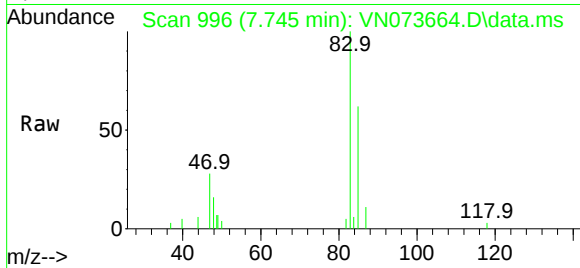




#28
Bromochloromethane
Concen: 0.377 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.159 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

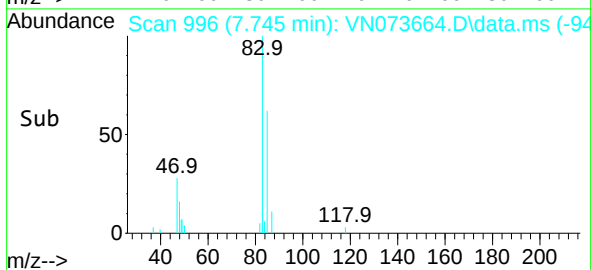
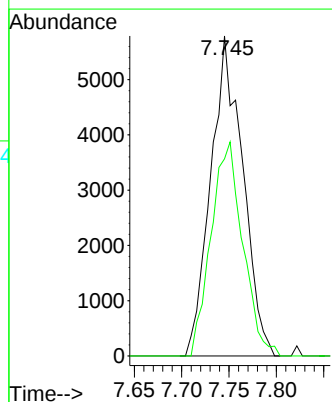
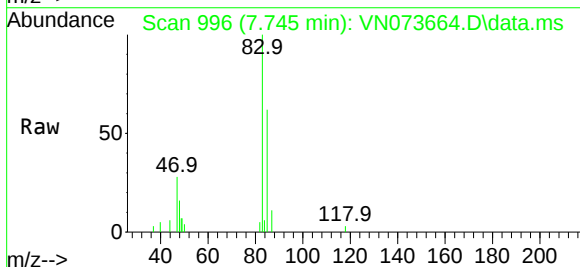
Instrument :
MSVOA_N
ClientSampleId :

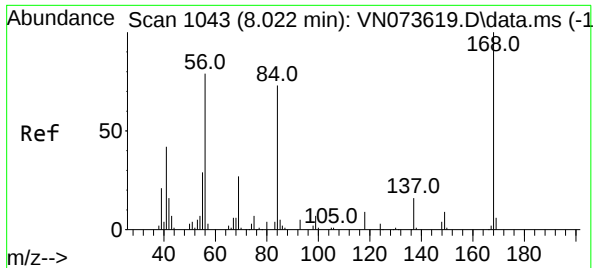
Tgt Ion: 49 Resp: 1123
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 69.7 104.5#



#30
Chloroform
Concen: 1.841 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

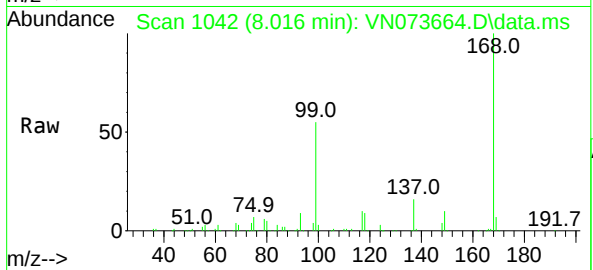
Tgt Ion: 83 Resp: 13604
Ion Ratio Lower Upper
83 100
85 61.6 51.8 77.8



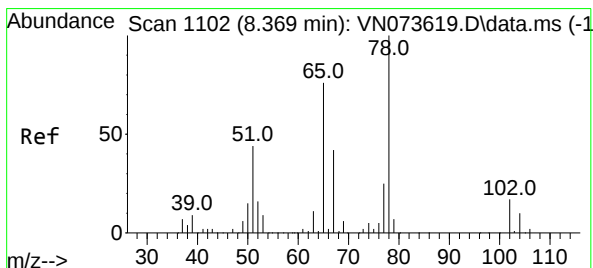
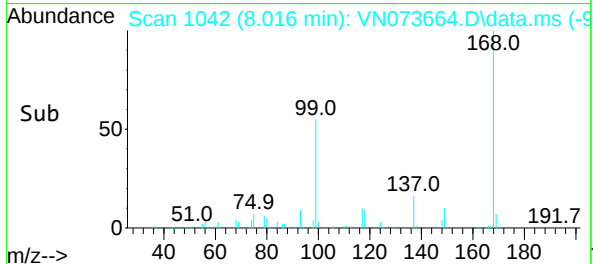
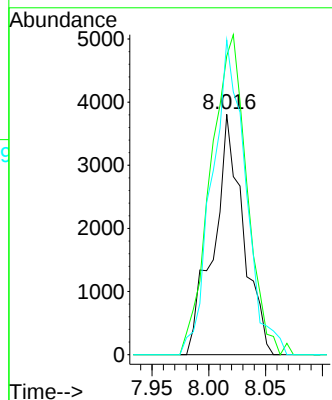


#31
Cyclohexane
Concen: 1.078 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

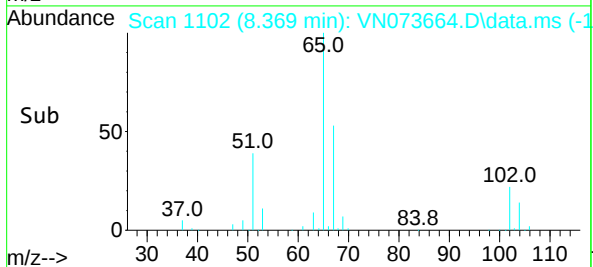
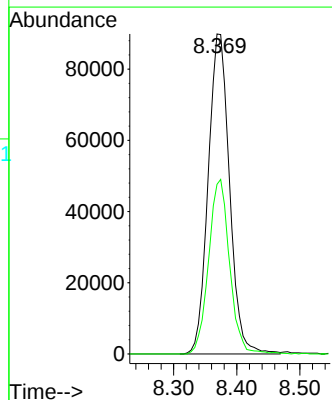
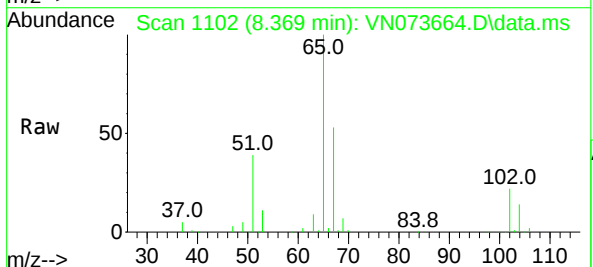


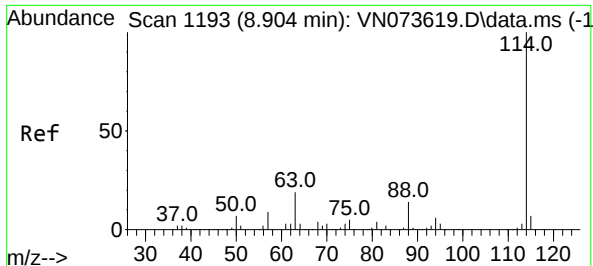
Tgt Ion: 56 Resp: 6890
Ion Ratio Lower Upper
56 100
69 124.3 27.8 41.8#
84 130.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.188 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion: 65 Resp: 211125
Ion Ratio Lower Upper
65 100
67 53.6 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: VN073664.D

Acq: 01 Aug 2022 16:57

Instrument :

MSVOA_N

ClientSampleId :

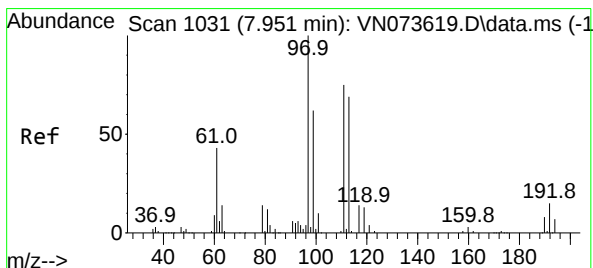
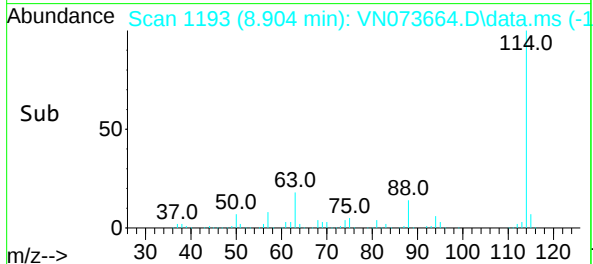
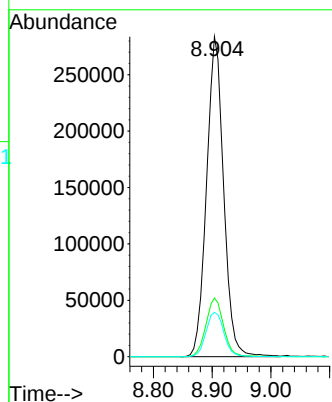
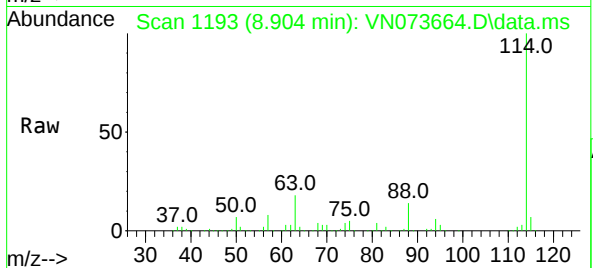
Tgt Ion:114 Resp: 574542

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 13.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.068 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073664.D

Acq: 01 Aug 2022 16:57

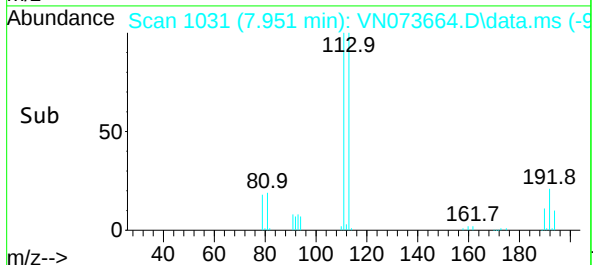
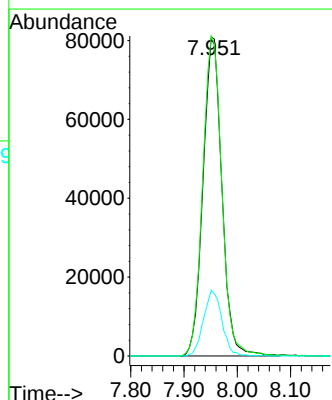
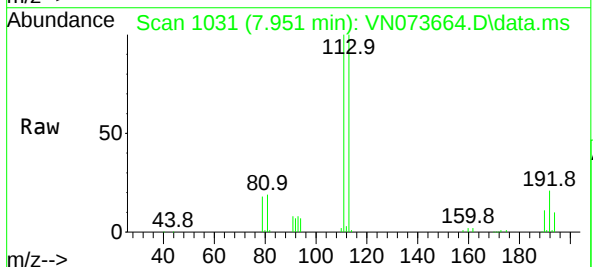
Tgt Ion:113 Resp: 198673

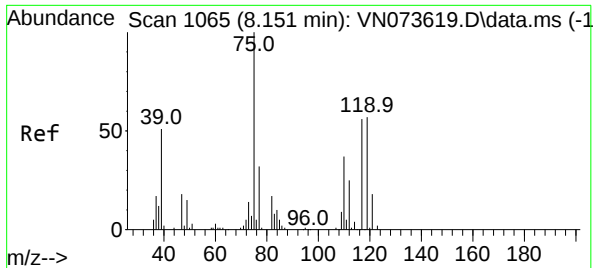
Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 20.1 17.0 25.6

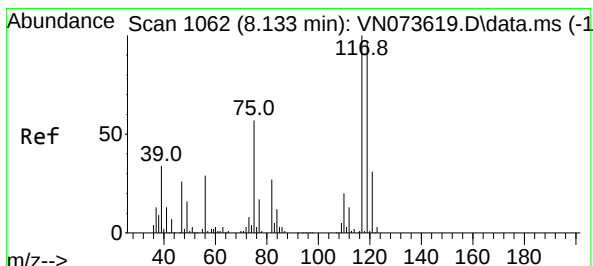
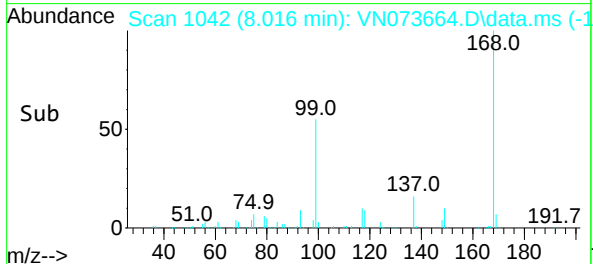
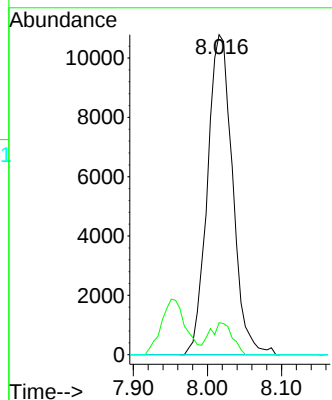
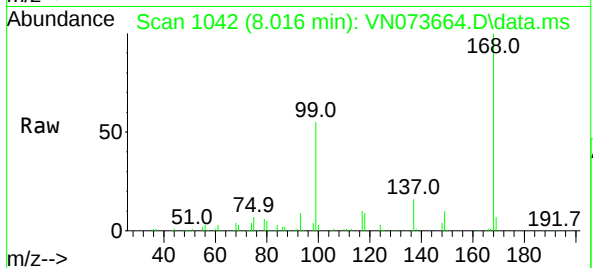




#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

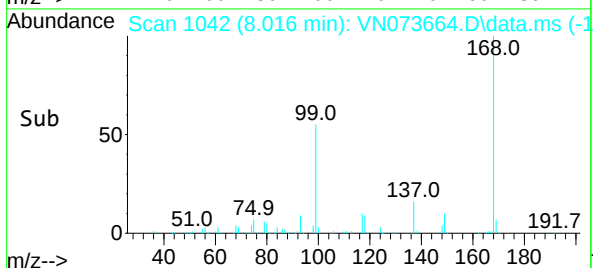
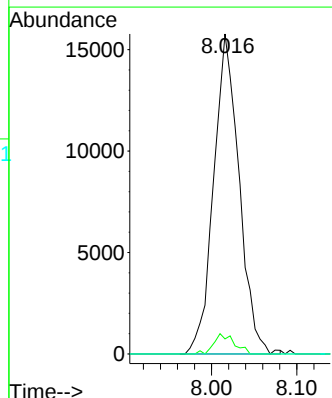
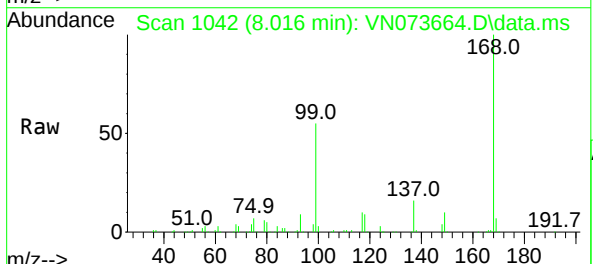
Instrument :
MSVOA_N
ClientSampleId :

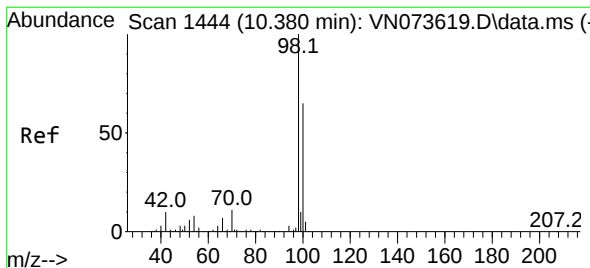
Tgt Ion: 75 Resp: 25426
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion: 117 Resp: 32745
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.8#
121 0.0 24.6 37.0#

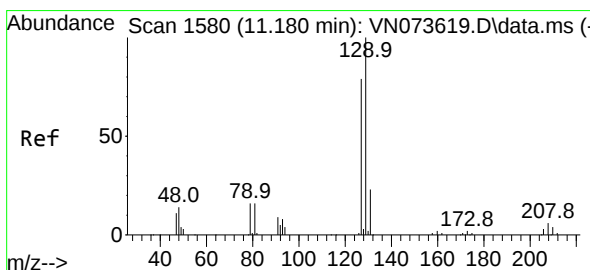
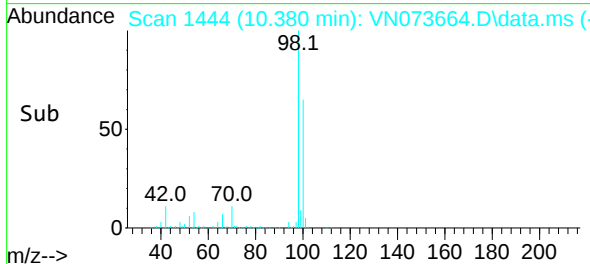
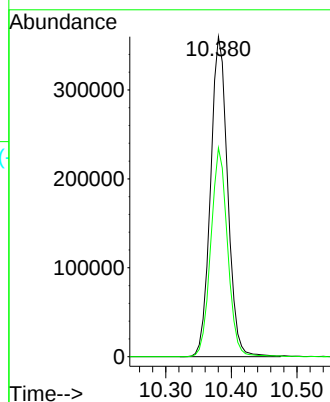
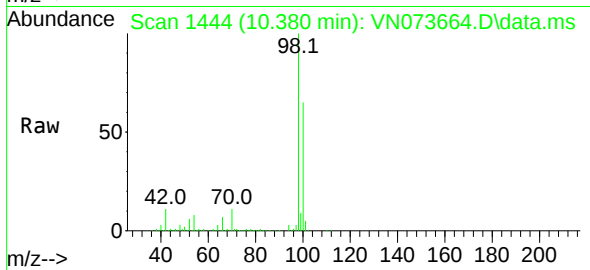




#50
Toluene-d8
Concen: 45.967 ug/l
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

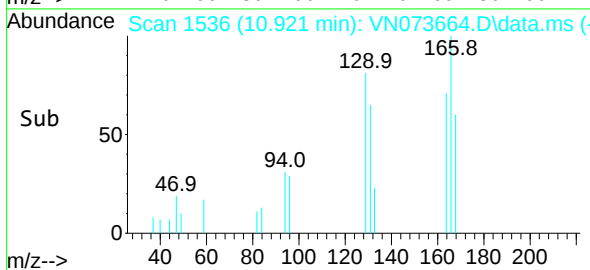
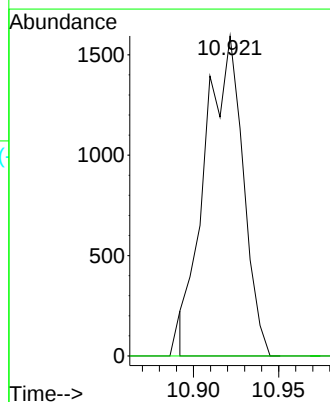
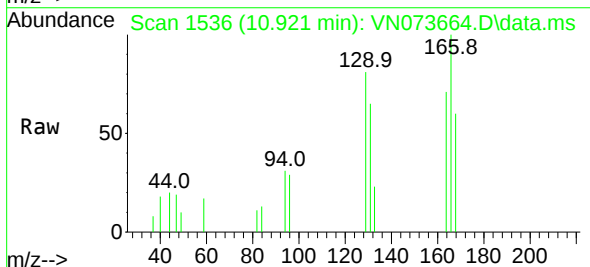
Instrument :
MSVOA_N
ClientSampleId :

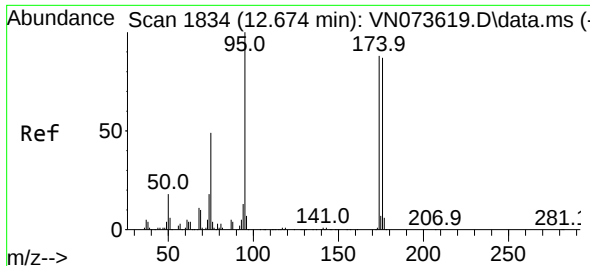
Tgt Ion: 98 Resp: 652590
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8



#60
Dibromochloromethane
Concen: 0.583 ug/l
RT: 10.921 min Scan# 1536
Delta R.T. -0.259 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion:129 Resp: 2466
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

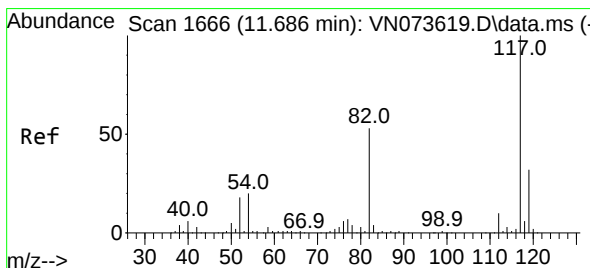
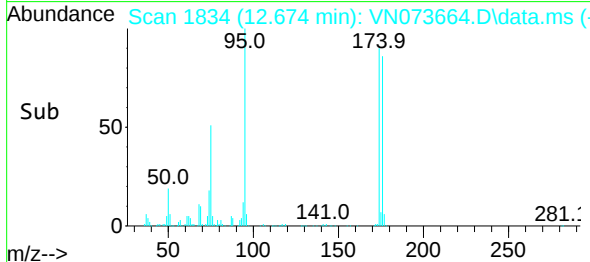
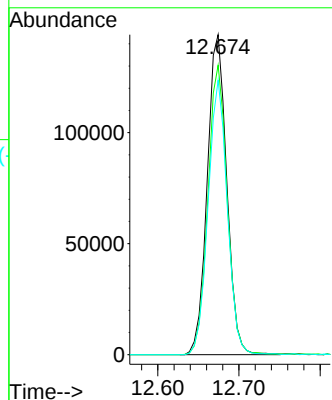
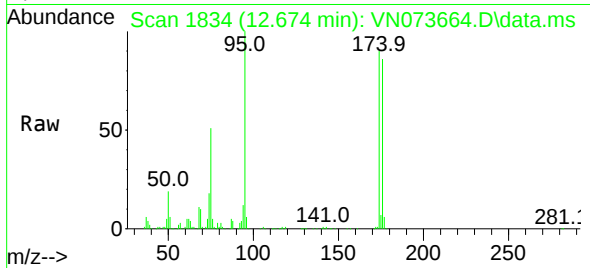




#62
4-Bromofluorobenzene
Concen: 50.530 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

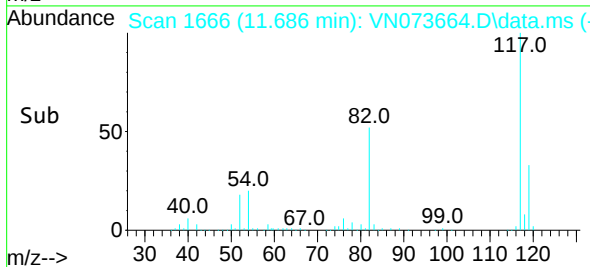
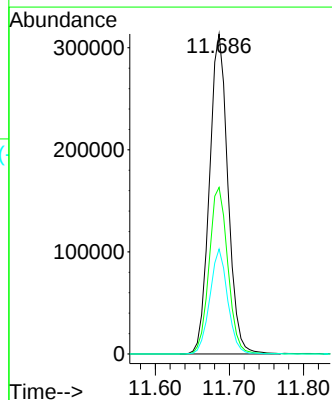
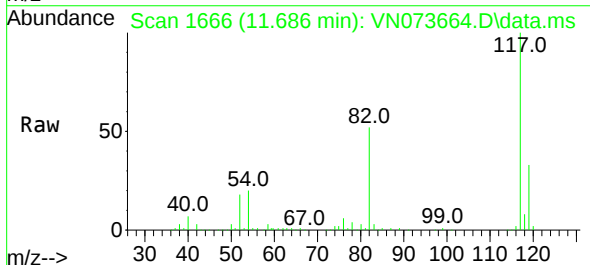
Instrument :
MSVOA_N
ClientSampleId :

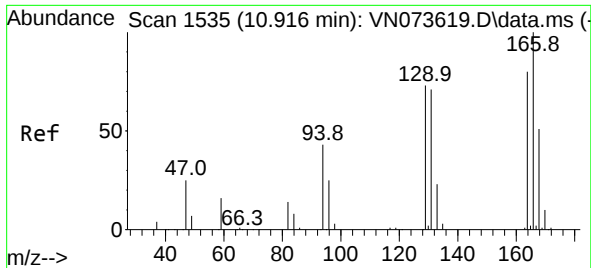
Tgt Ion: 95 Resp: 240167
Ion Ratio Lower Upper
95 100
174 89.6 0.0 167.6
176 84.3 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

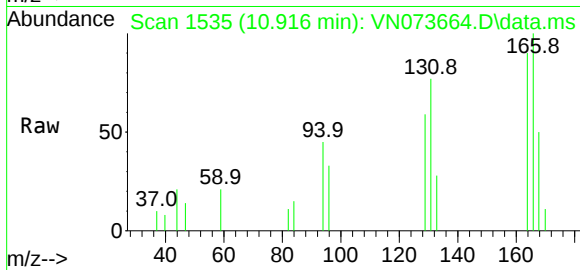
Tgt Ion: 117 Resp: 541869
Ion Ratio Lower Upper
117 100
82 52.0 44.2 66.2
119 32.8 25.4 38.0



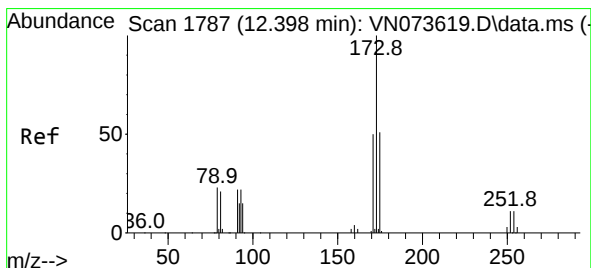
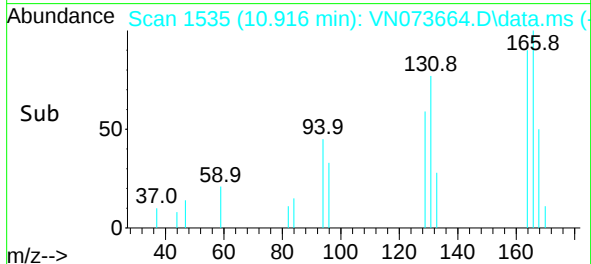
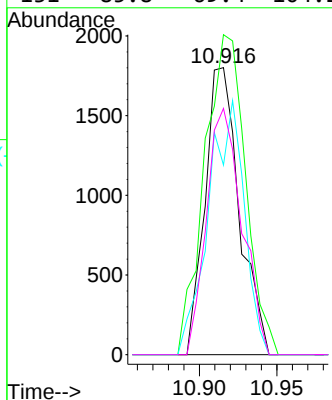


#64
Tetrachloroethene
Concen: 0.644 ug/l
RT: 10.916 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Instrument :
MSVOA_N
ClientSampleId :

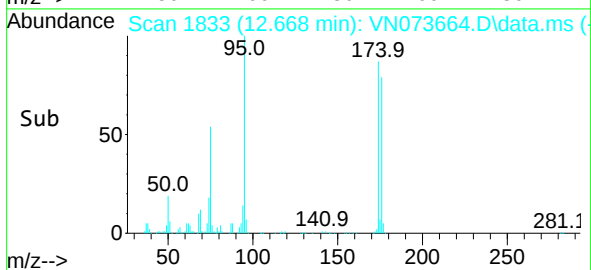
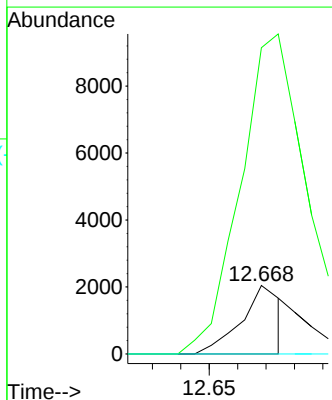
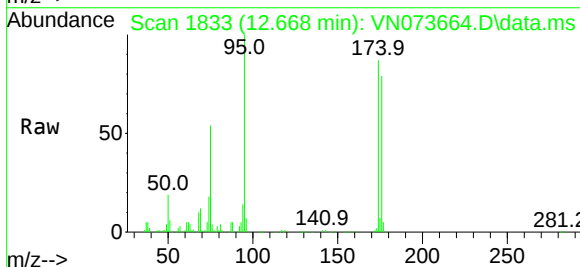


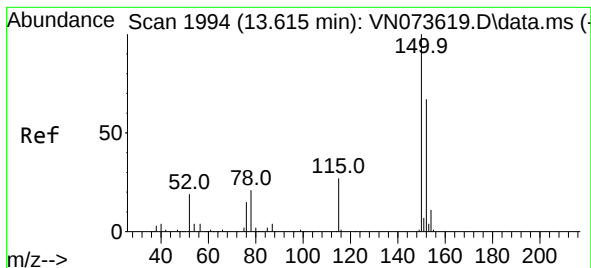
Tgt Ion:164 Resp: 2774
Ion Ratio Lower Upper
164 100
166 111.5 104.2 156.2
129 66.1 73.9 110.9#
131 85.8 69.4 104.2



#71
Bromoform
Concen: 0.580 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.270 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

Tgt Ion:173 Resp: 1978
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: 13.615 min Scan# 1994

Delta R.T. -0.000 min

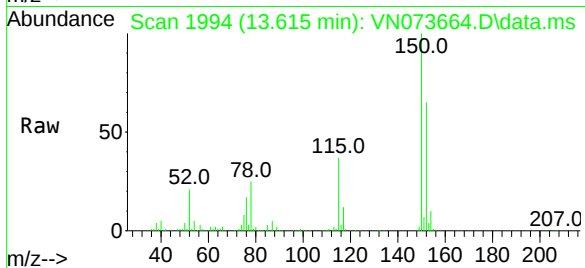
Lab File: VN073664.D

Acq: 01 Aug 2022 16:57

Instrument :

MSVOA_N

ClientSampleId :



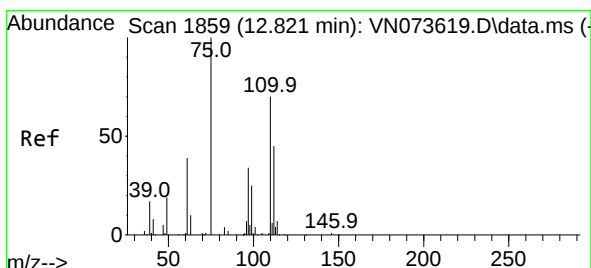
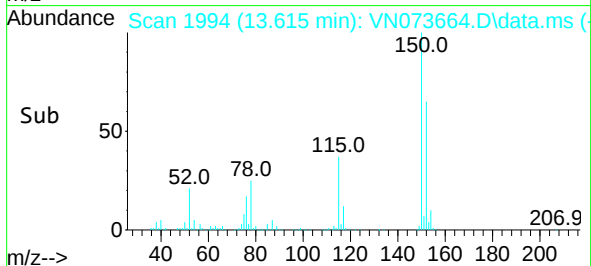
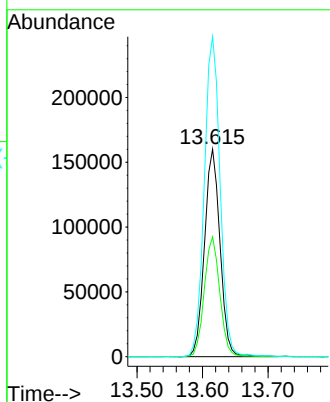
Tgt Ion:152 Resp: 264218

Ion Ratio Lower Upper

152 100

115 57.5 28.9 86.7

150 157.0 0.0 356.2



#76

1,2,3-Trichloropropane

Concen: 23.930 ug/l

RT: 12.674 min Scan# 1834

Delta R.T. -0.147 min

Lab File: VN073664.D

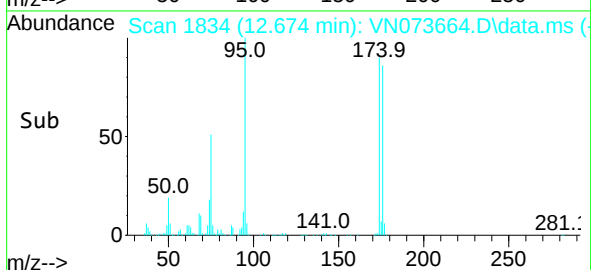
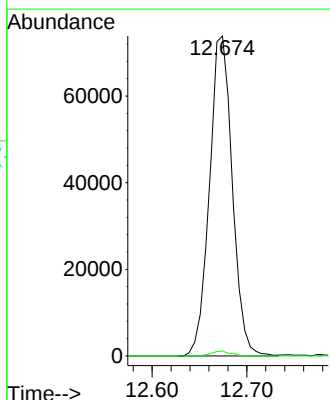
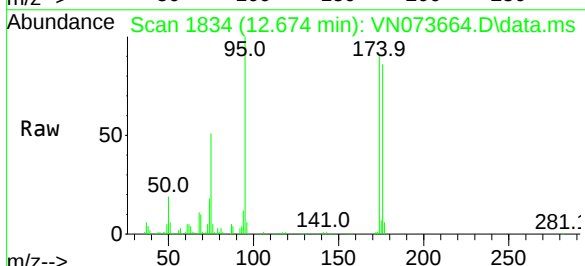
Acq: 01 Aug 2022 16:57

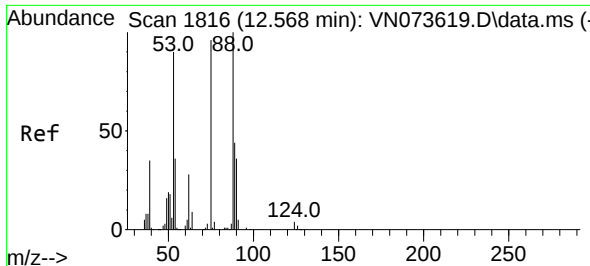
Tgt Ion: 75 Resp: 123962

Ion Ratio Lower Upper

75 100

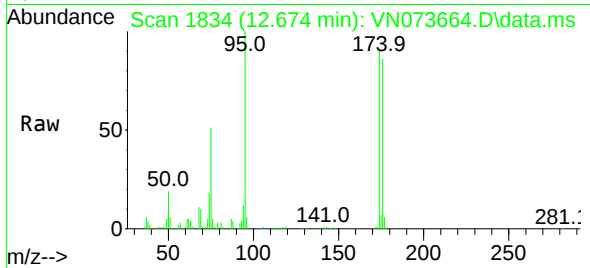
77 1.3 98.5 295.5#



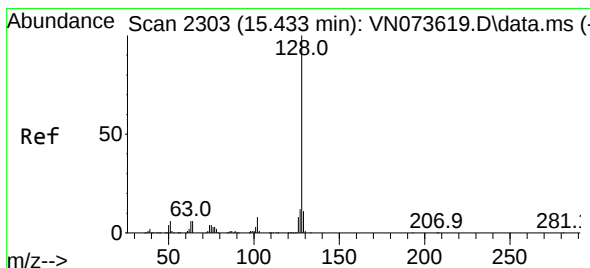
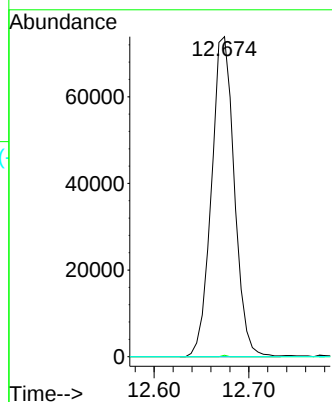
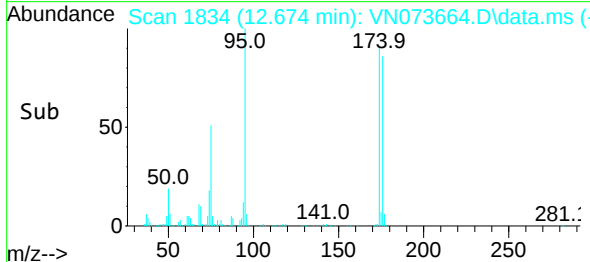


#81
trans-1,4-Dichloro-2-butene
Concen: 60.801 ug/l
RT: 12.674 min Scan# 1816
Delta R.T. 0.106 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57

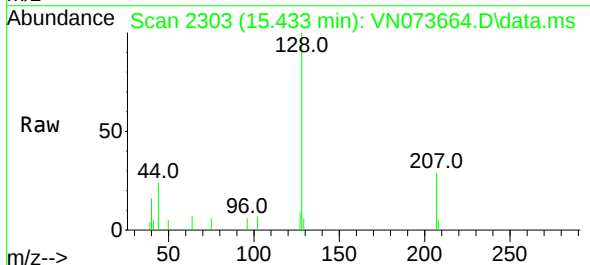
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 123962
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.513 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073664.D
Acq: 01 Aug 2022 16:57



Tgt Ion: 128 Resp: 7708
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 8.8 8.6 13.0

