

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080122\
 Data File : VN073668.D
 Acq On : 01 Aug 2022 18:35
 Operator : JC\MD
 Sample : N3840-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 02 05:04:40 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)

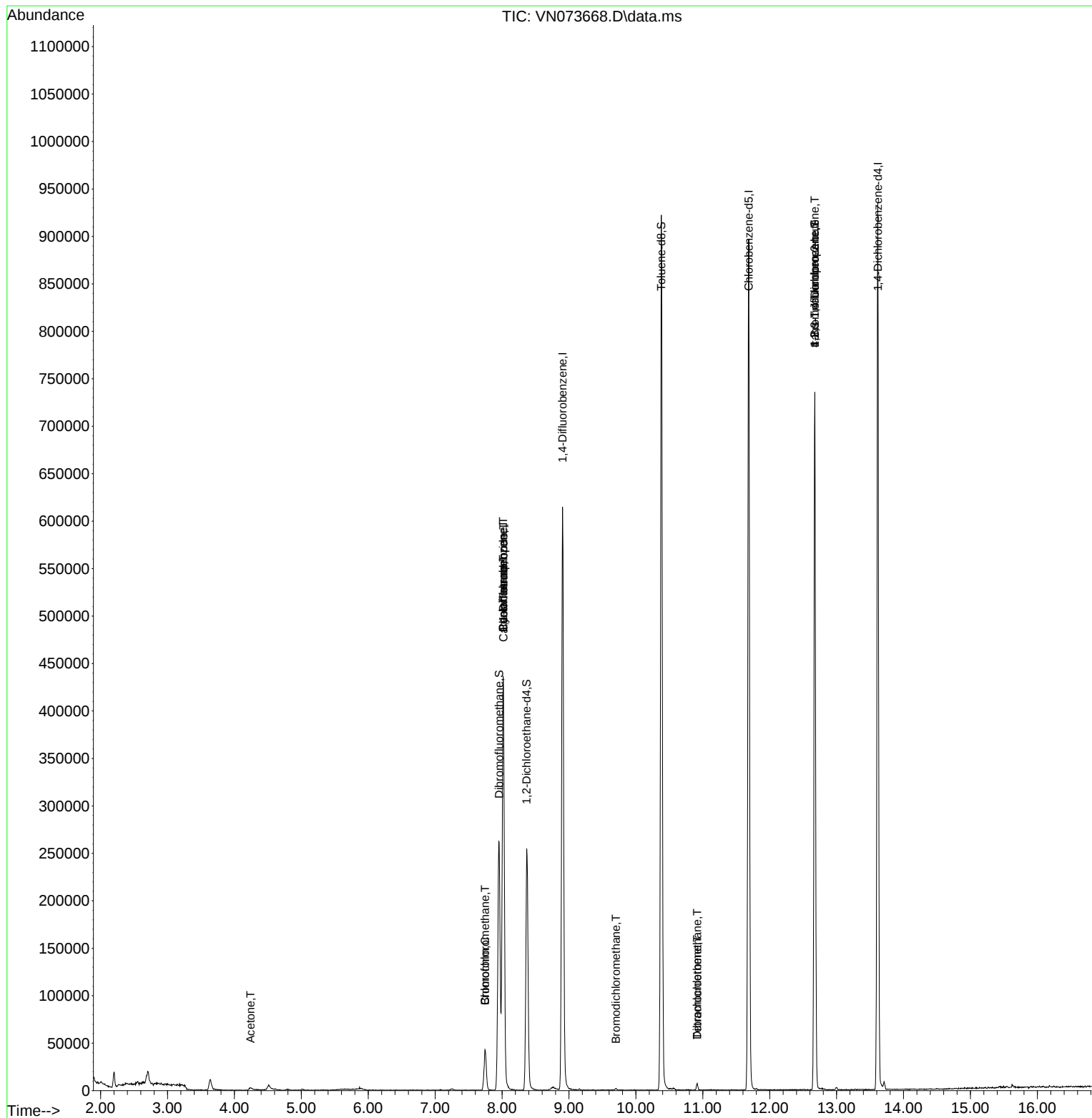
Internal Standards						
1) Pentafluorobenzene	8.016	168	350831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	565835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	536818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	258208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	212713	49.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.500%
35) Dibromofluoromethane	7.957	113	196116	55.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.400%
50) Toluene-d8	10.380	98	650242	46.506	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.020%
62) 4-Bromofluorobenzene	12.674	95	237080	50.629	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.260%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	962	Below Cal		100
6) Chloroethane	2.951	64	470	Below Cal	#	42
16) Acetone	4.240	43	5189	2.260 ug/l	#	75
20) Methylene Chloride	5.022	84	823	Below Cal	#	44
28) Bromochloromethane	7.745	49	3421	1.154 ug/l	#	8
30) Chloroform	7.745	83	42567	5.784 ug/l		90
31) Cyclohexane	8.016	56	6661	1.046 ug/l	#	1
36) 1,1-Dichloropropene	8.016	75	25327	5.001 ug/l	#	49
38) Carbon Tetrachloride	8.022	117	33607	6.534 ug/l	#	17
47) Bromodichloromethane	9.704	83	1604	0.293 ug/l	#	87
60) Dibromochloromethane	10.916	129	1344	0.323 ug/l	#	11
64) Tetrachloroethene	10.916	164	1567	0.367 ug/l	#	88
76) 1,2,3-Trichloropropane	12.674	75	121045	23.908 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.674	75	121045	60.752 ug/l	#	10

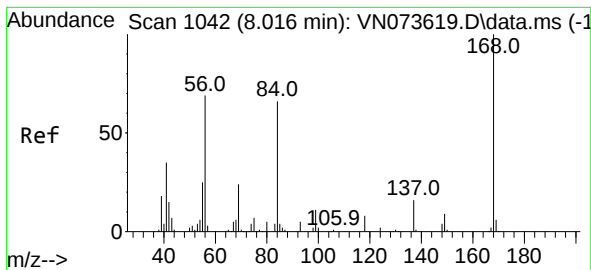
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN073668.D

Acq: 01 Aug 2022 18:35

Instrument :

MSVOA_N

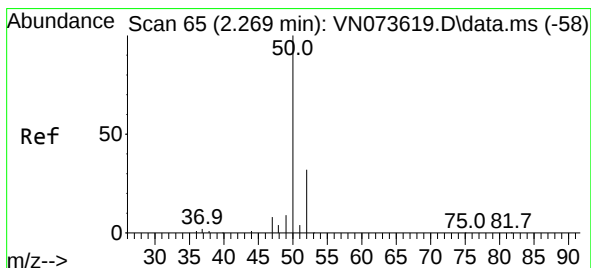
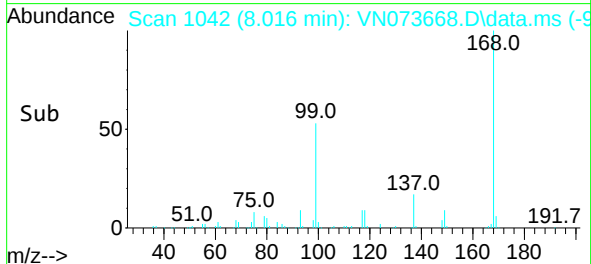
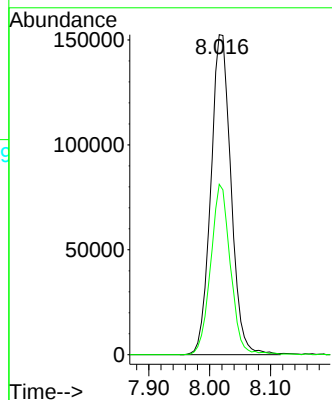
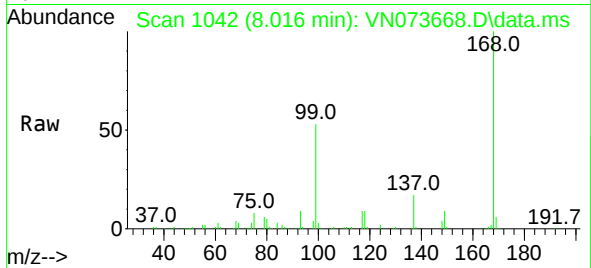
ClientSampleId :

Tgt Ion:168 Resp: 350831

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



#3

Chloromethane

Concen: Below Cal

RT: 2.269 min Scan# 65

Delta R.T. 0.000 min

Lab File: VN073668.D

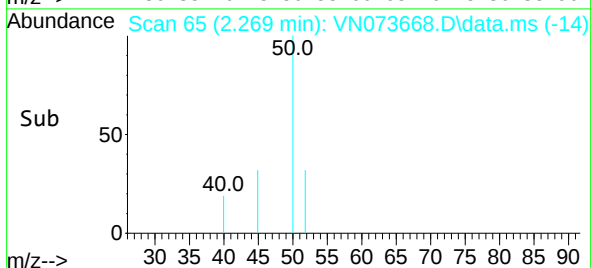
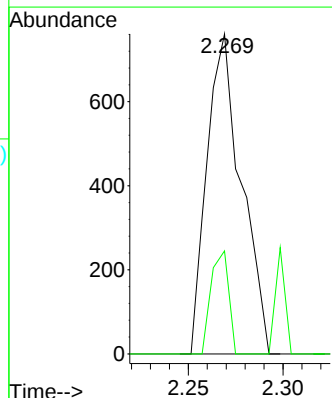
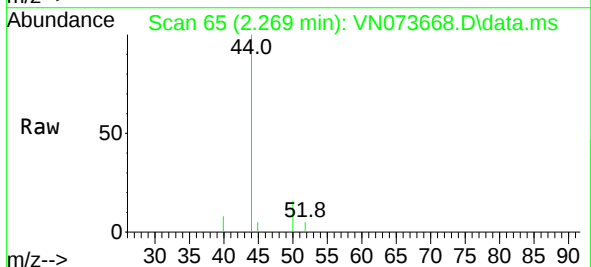
Acq: 01 Aug 2022 18:35

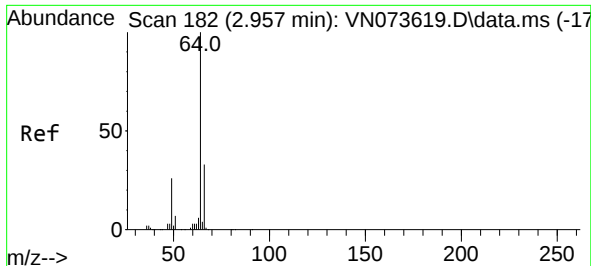
Tgt Ion: 50 Resp: 962

Ion Ratio Lower Upper

50 100

52 32.2 25.7 38.5

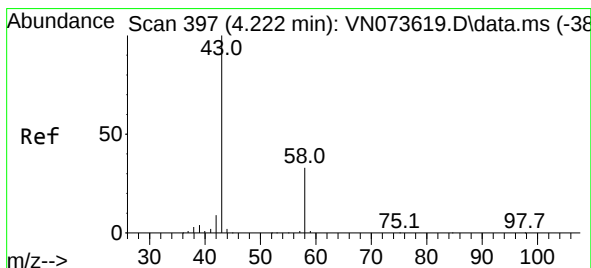
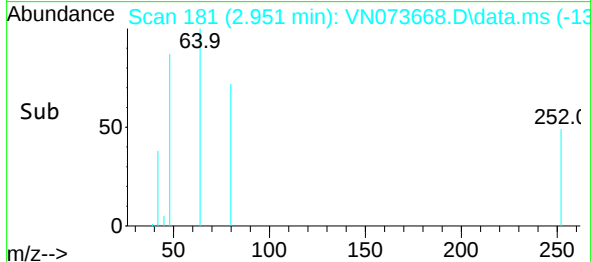
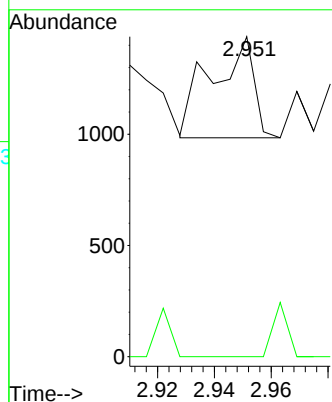
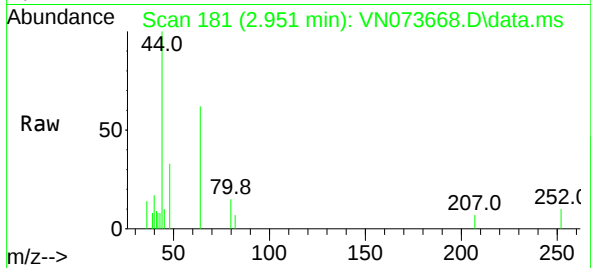




#6
Chloroethane
Concen: Below Cal
RT: 2.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

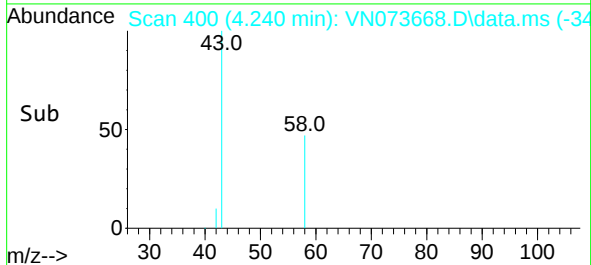
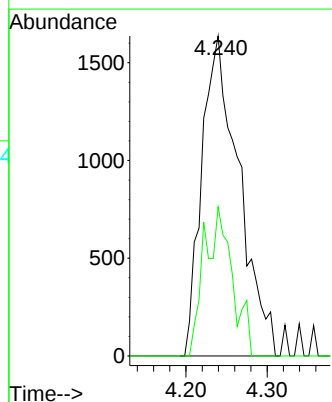
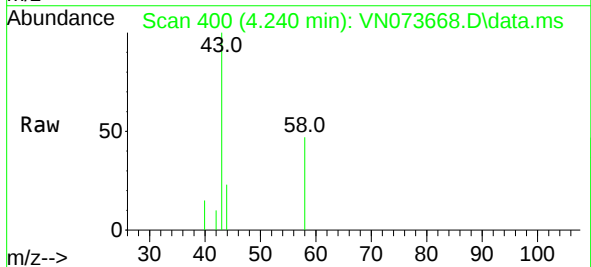
Instrument :
MSVOA_N
ClientSampleId :

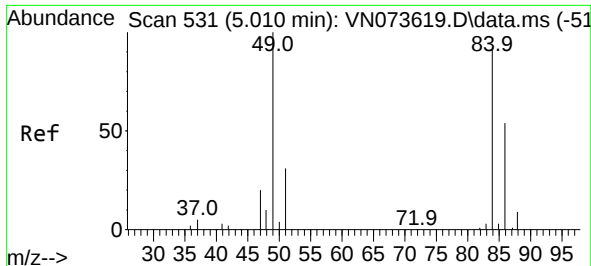
Tgt Ion: 64 Resp: 470
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 2.260 ug/l
RT: 4.240 min Scan# 400
Delta R.T. 0.018 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

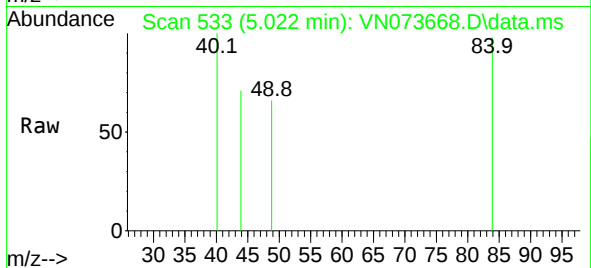
Tgt Ion: 43 Resp: 5189
Ion Ratio Lower Upper
43 100
58 46.6 26.0 39.0#





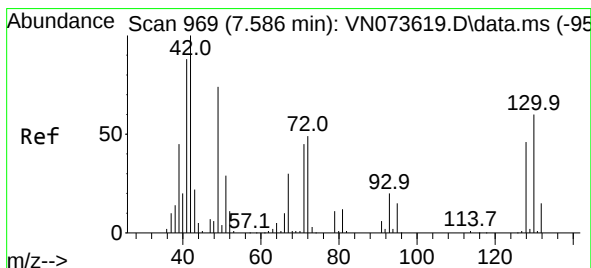
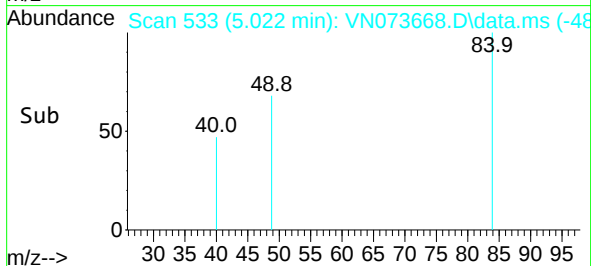
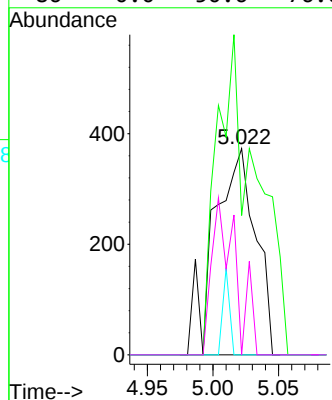
#20
Methylene Chloride
Concen: Below Cal
RT: 5.022 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 823

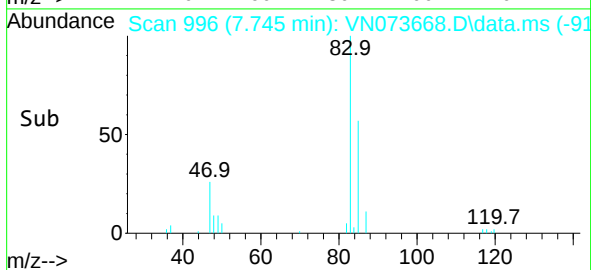
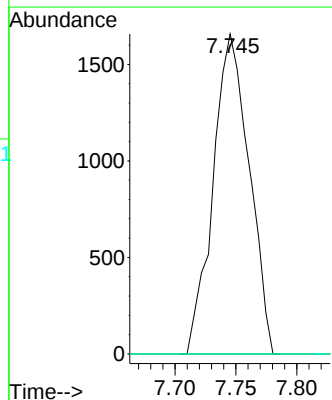
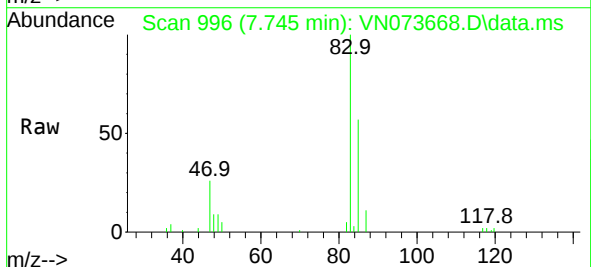
Ion	Ratio	Lower	Upper
84	100		
49	67.6	88.3	132.5#
51	0.0	28.2	42.2#
86	0.0	50.6	76.0#

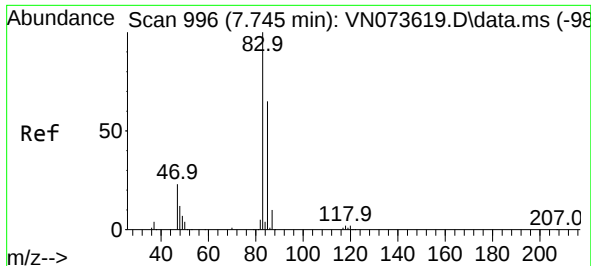


#28
Bromochloromethane
Concen: 1.154 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.159 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 49 Resp: 3421

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.6
130	0.0	69.7	104.5#

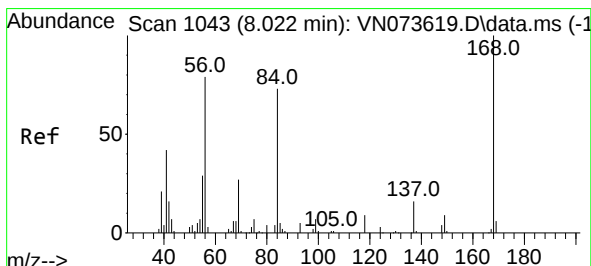
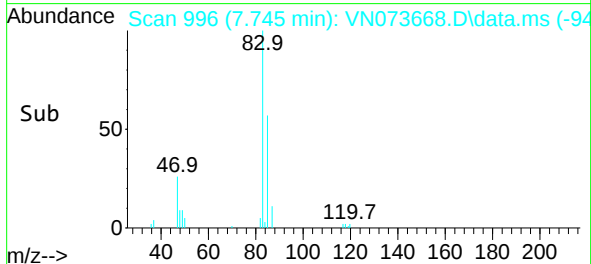
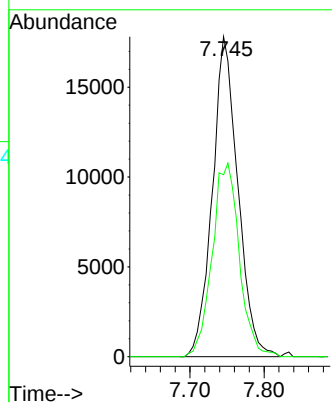
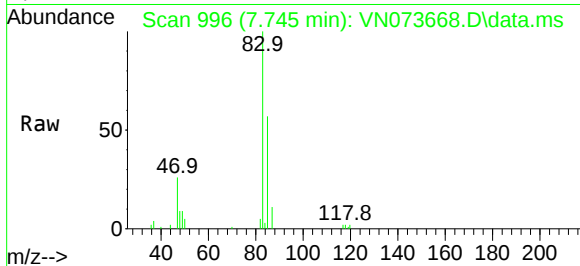




#30
Chloroform
Concen: 5.784 ug/l
RT: 7.745 min Scan# 996
Delta R.T. -0.000 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

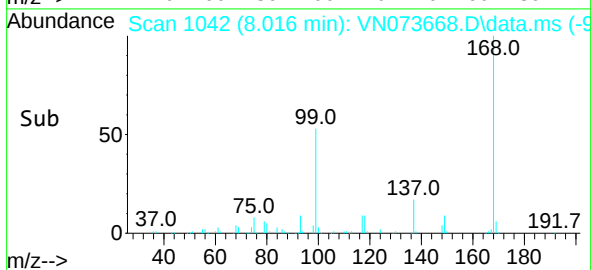
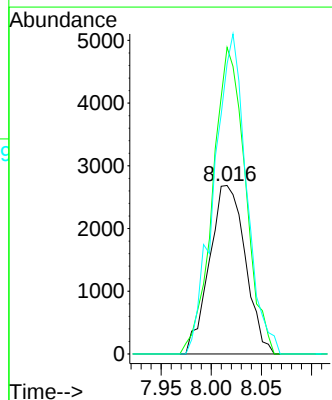
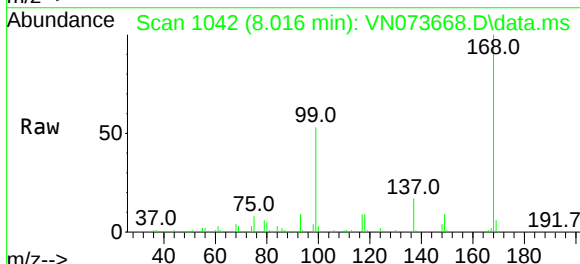
Instrument :
MSVOA_N
ClientSampleId :

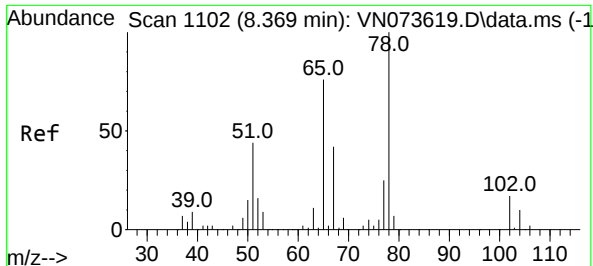
Tgt Ion: 83 Resp: 42567
Ion Ratio Lower Upper
83 100
85 56.8 51.8 77.8



#31
Cyclohexane
Concen: 1.046 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 56 Resp: 6661
Ion Ratio Lower Upper
56 100
69 182.0 27.8 41.8#
84 172.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.752 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073668.D

Acq: 01 Aug 2022 18:35

Instrument :

MSVOA_N

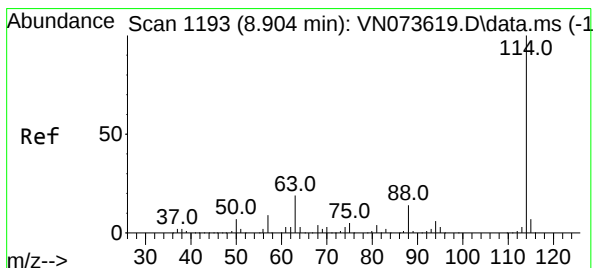
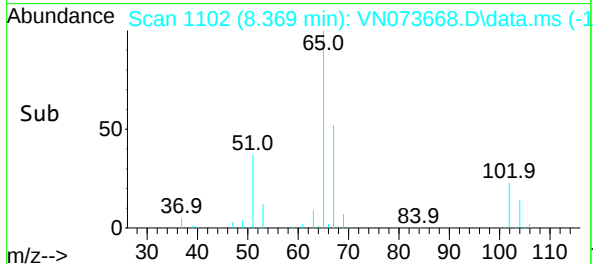
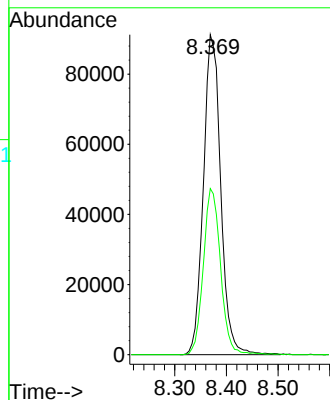
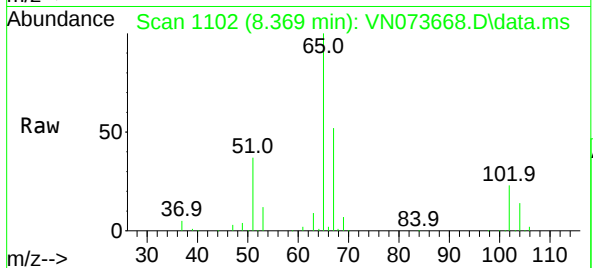
ClientSampleId :

Tgt Ion: 65 Resp: 212713

Ion Ratio Lower Upper

65 100

67 51.5 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: VN073668.D

Acq: 01 Aug 2022 18:35

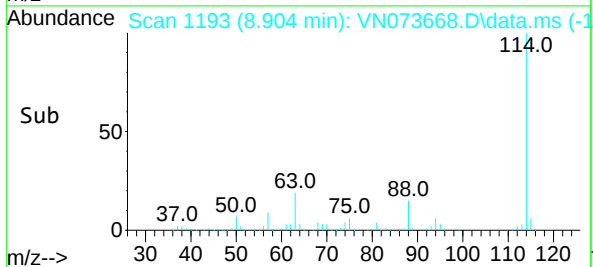
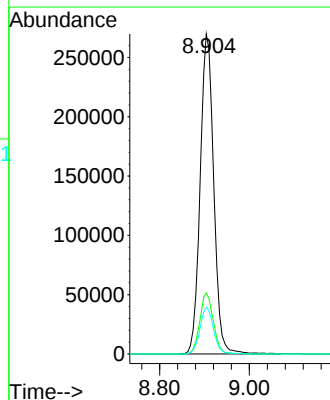
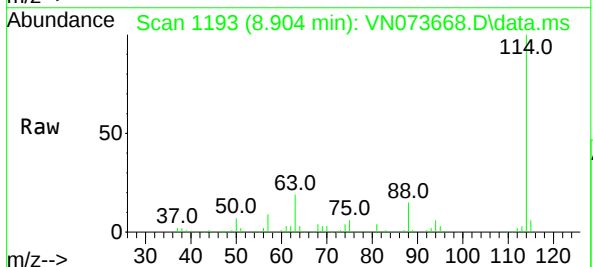
Tgt Ion: 114 Resp: 565835

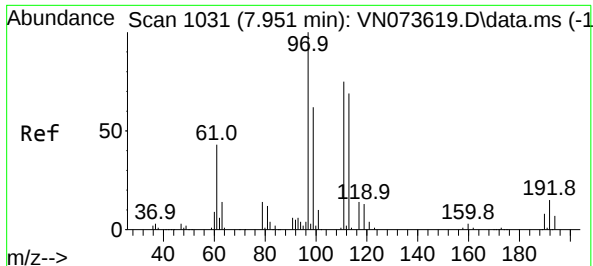
Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 55.196 ug/l

RT: 7.957 min Scan# 1031

Delta R.T. 0.006 min

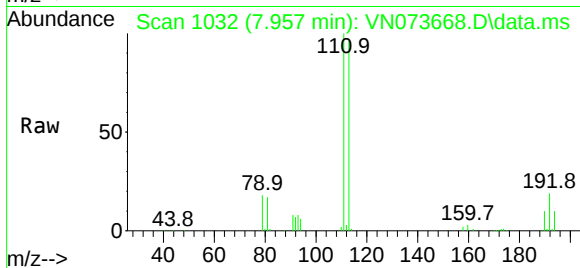
Lab File: VN073668.D

Acq: 01 Aug 2022 18:35

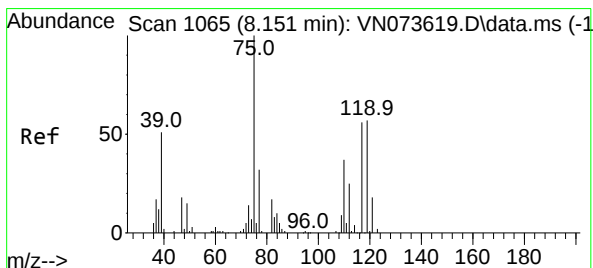
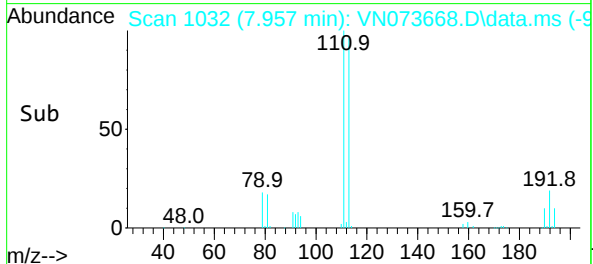
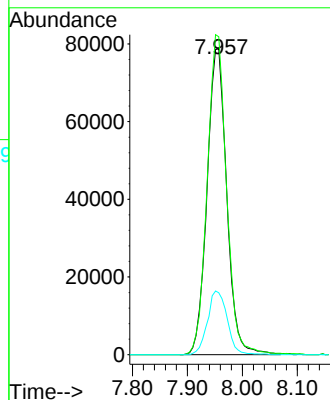
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	113	Resp:	196116
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	20.9	17.0	25.6



#36

1,1-Dichloropropene

Concen: 5.001 ug/l

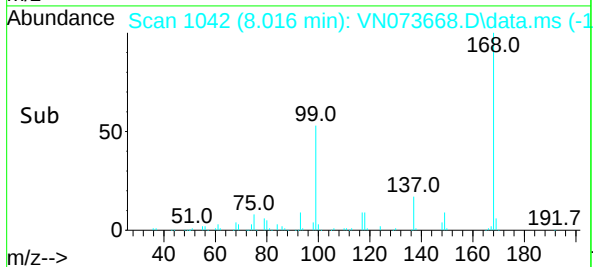
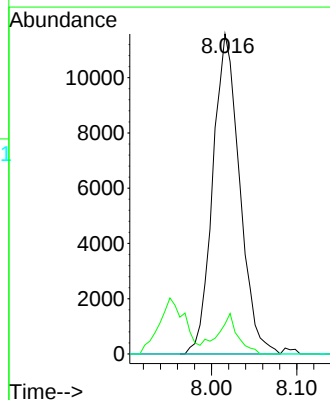
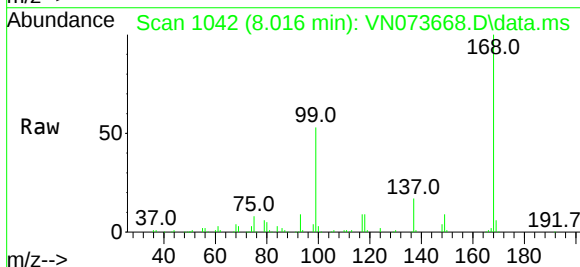
RT: 8.016 min Scan# 1042

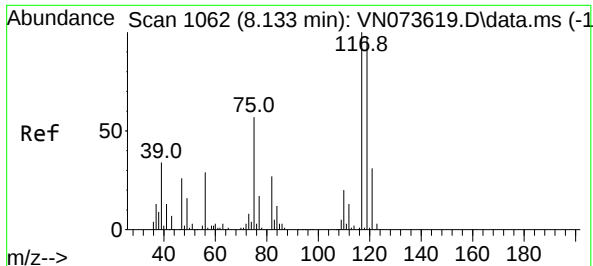
Delta R.T. -0.135 min

Lab File: VN073668.D

Acq: 01 Aug 2022 18:35

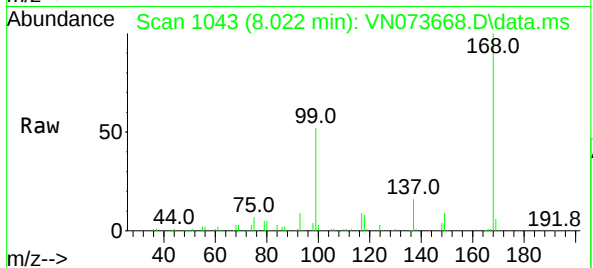
Tgt Ion:	75	Resp:	25327
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.3	54.8#
77	0.0	25.1	37.7#



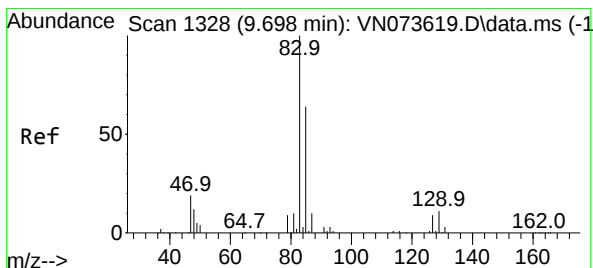
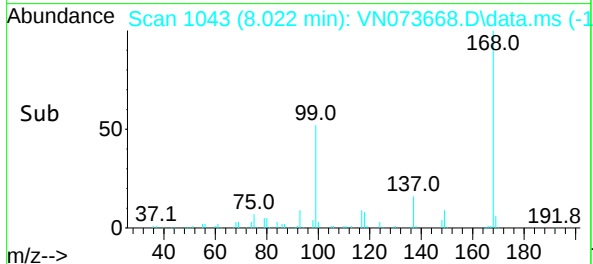
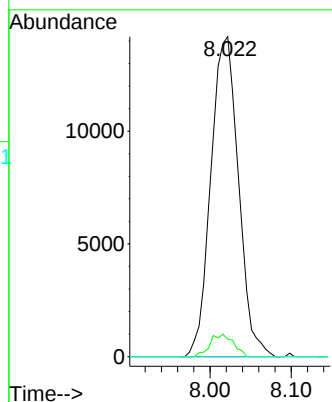


#38
Carbon Tetrachloride
Concen: 6.534 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.112 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :

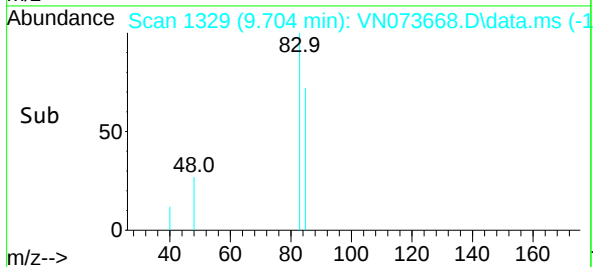
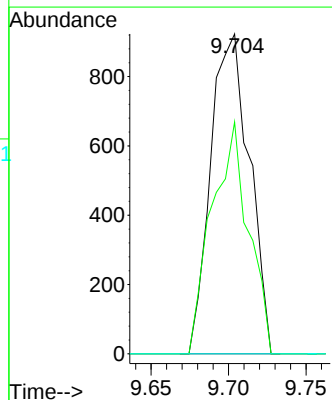
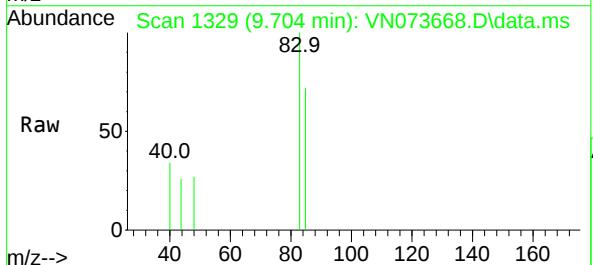


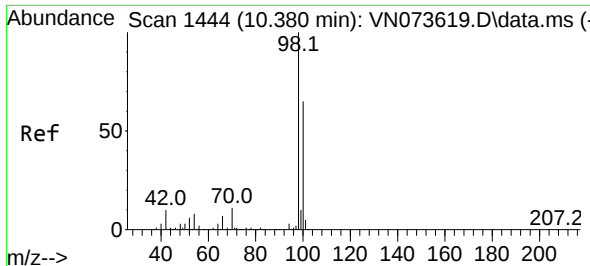
Tgt Ion:117 Resp: 33607
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.8#
121 0.0 24.6 37.0#



#47
Bromodichloromethane
Concen: 0.293 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Tgt Ion: 83 Resp: 1604
Ion Ratio Lower Upper
83 100
85 72.5 50.5 75.7
127 0.0 6.8 10.2#

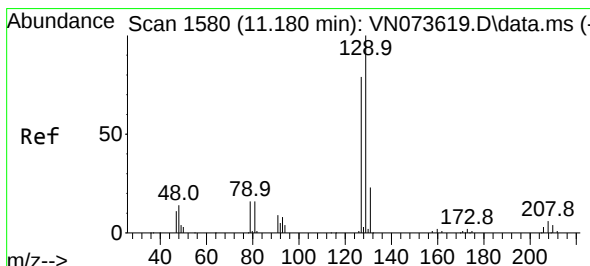
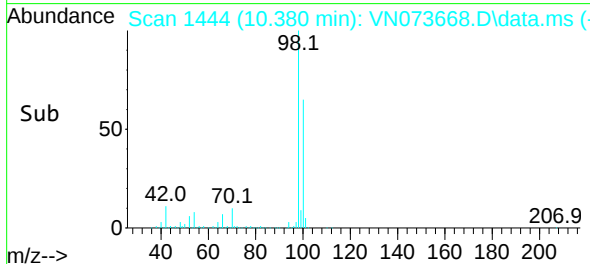
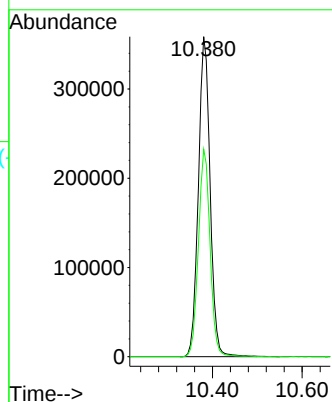
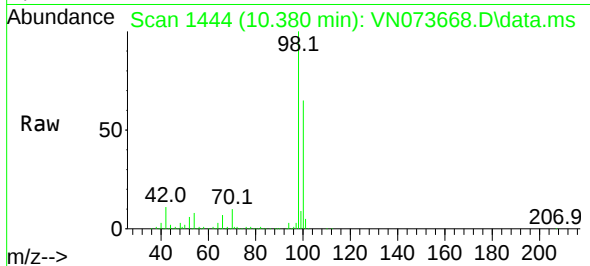




#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.380 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

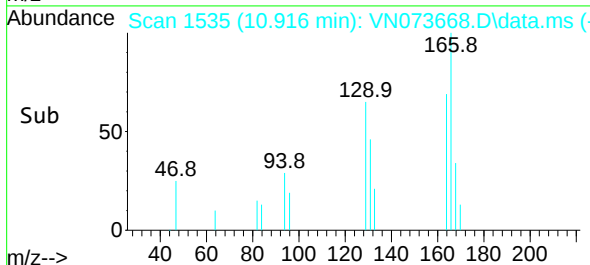
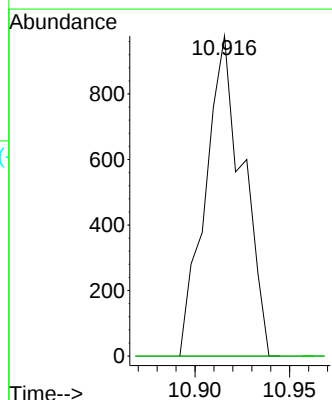
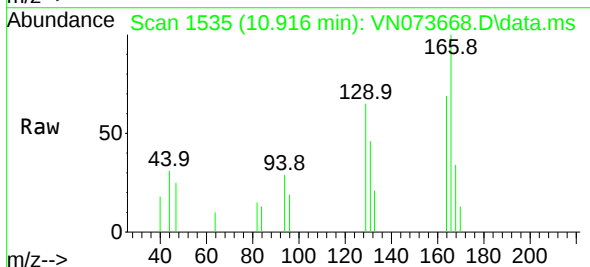
Instrument :
MSVOA_N
ClientSampleId :

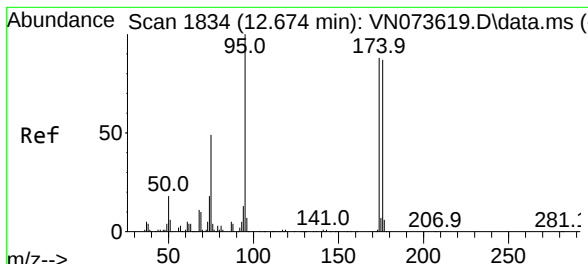
Tgt Ion: 98 Resp: 650242
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#60
Dibromochloromethane
Concen: 0.323 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.265 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

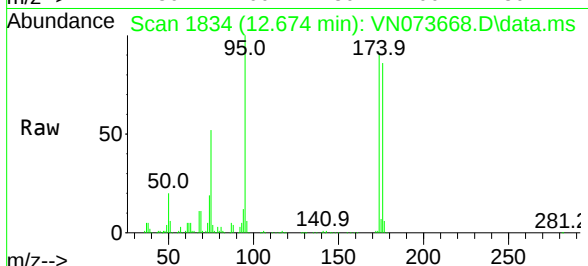
Tgt Ion:129 Resp: 1344
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



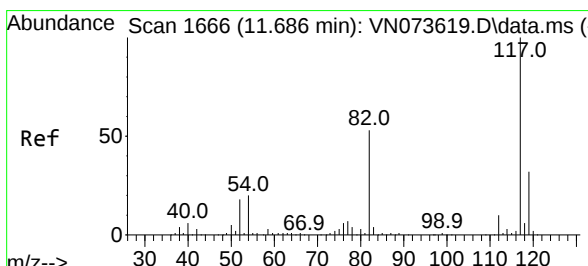
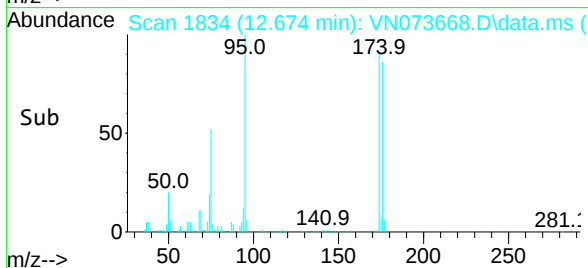
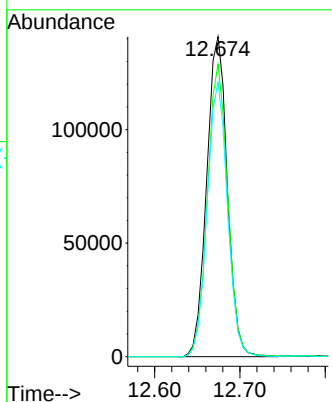


#62
4-Bromofluorobenzene
Concen: 50.629 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :

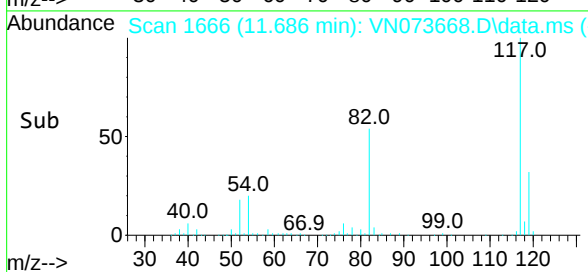
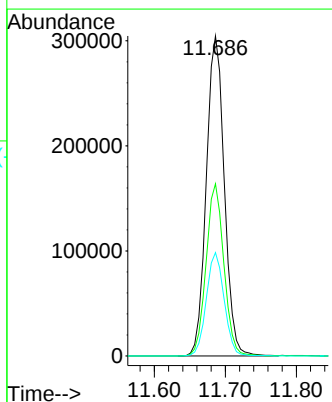
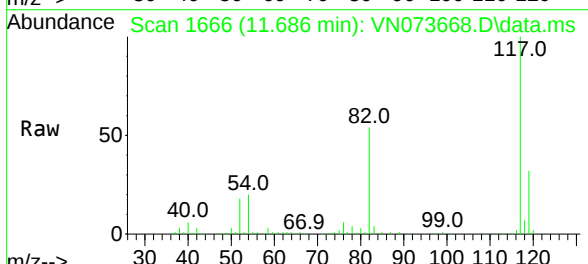


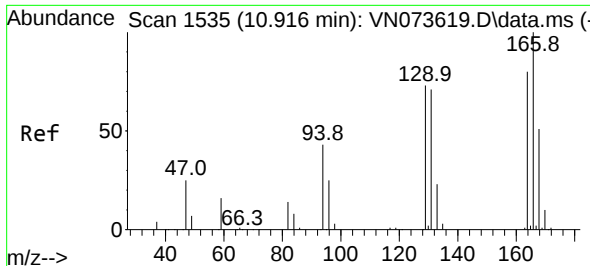
Tgt Ion:	95	Resp:	237080
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	167.6
176	84.2	0.0	163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. -0.000 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

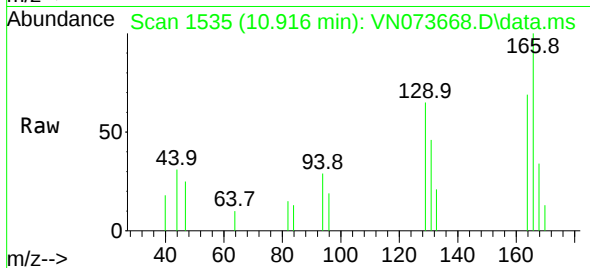
Tgt Ion:	117	Resp:	536818
Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.2
119	32.3	25.4	38.0



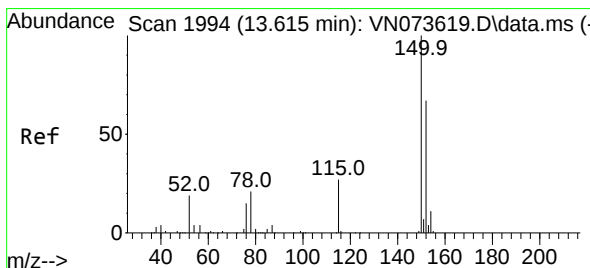
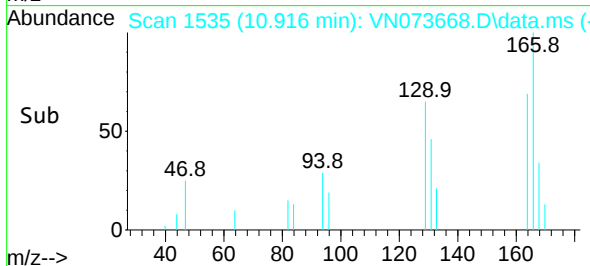
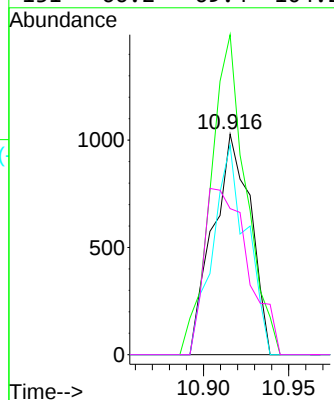


#64
Tetrachloroethene
Concen: 0.367 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Instrument :
MSVOA_N
ClientSampleId :

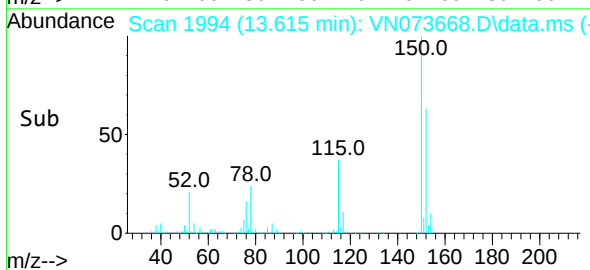
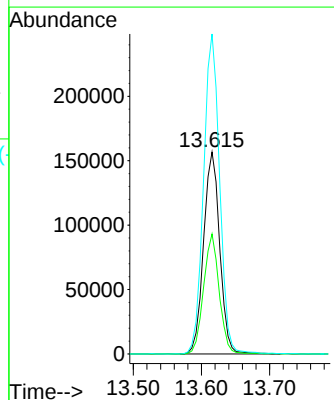
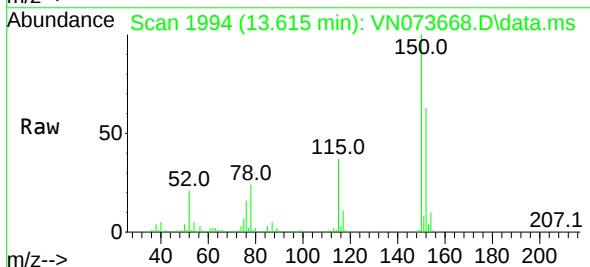


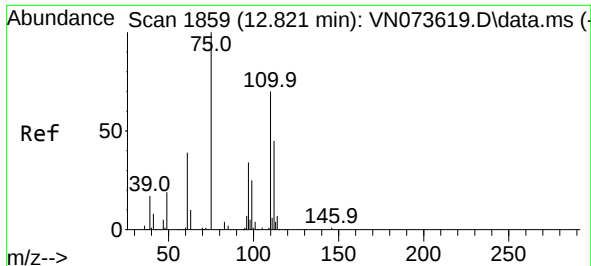
Tgt Ion:164 Resp: 1567
Ion Ratio Lower Upper
164 100
166 145.1 104.2 156.2
129 95.0 73.9 110.9
131 66.2 69.4 104.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073668.D
Acq: 01 Aug 2022 18:35

Tgt Ion:152 Resp: 258208
Ion Ratio Lower Upper
152 100
115 57.6 28.9 86.7
150 158.1 0.0 356.2

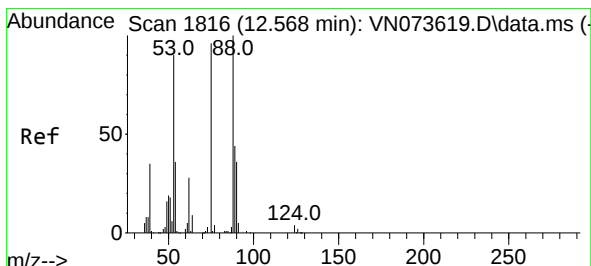
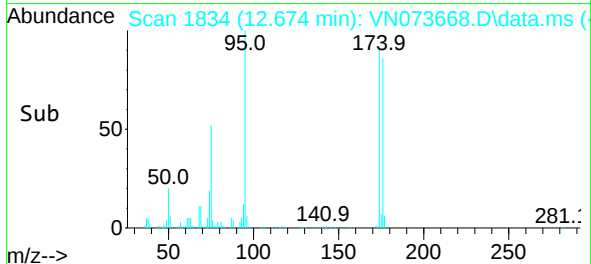
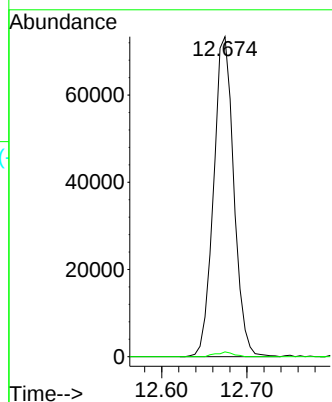
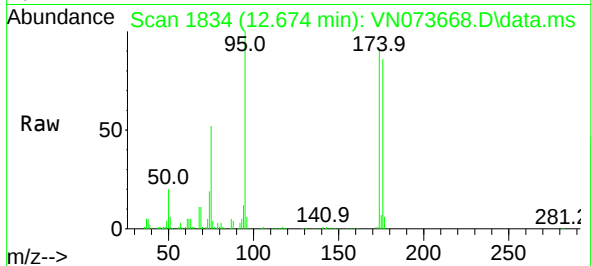




#76
 1,2,3-Trichloropropane
 Concen: 23.908 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073668.D
 Acq: 01 Aug 2022 18:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 121045
 Ion Ratio Lower Upper
 75 100
 77 1.3 98.5 295.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.752 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. 0.106 min
 Lab File: VN073668.D
 Acq: 01 Aug 2022 18:35

Tgt Ion: 75 Resp: 121045
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#

