

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073816.D
 Acq On : 11 Aug 2022 11:10
 Operator : JC\MD
 Sample : VN0811WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBL01

Quant Time: Aug 12 05:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

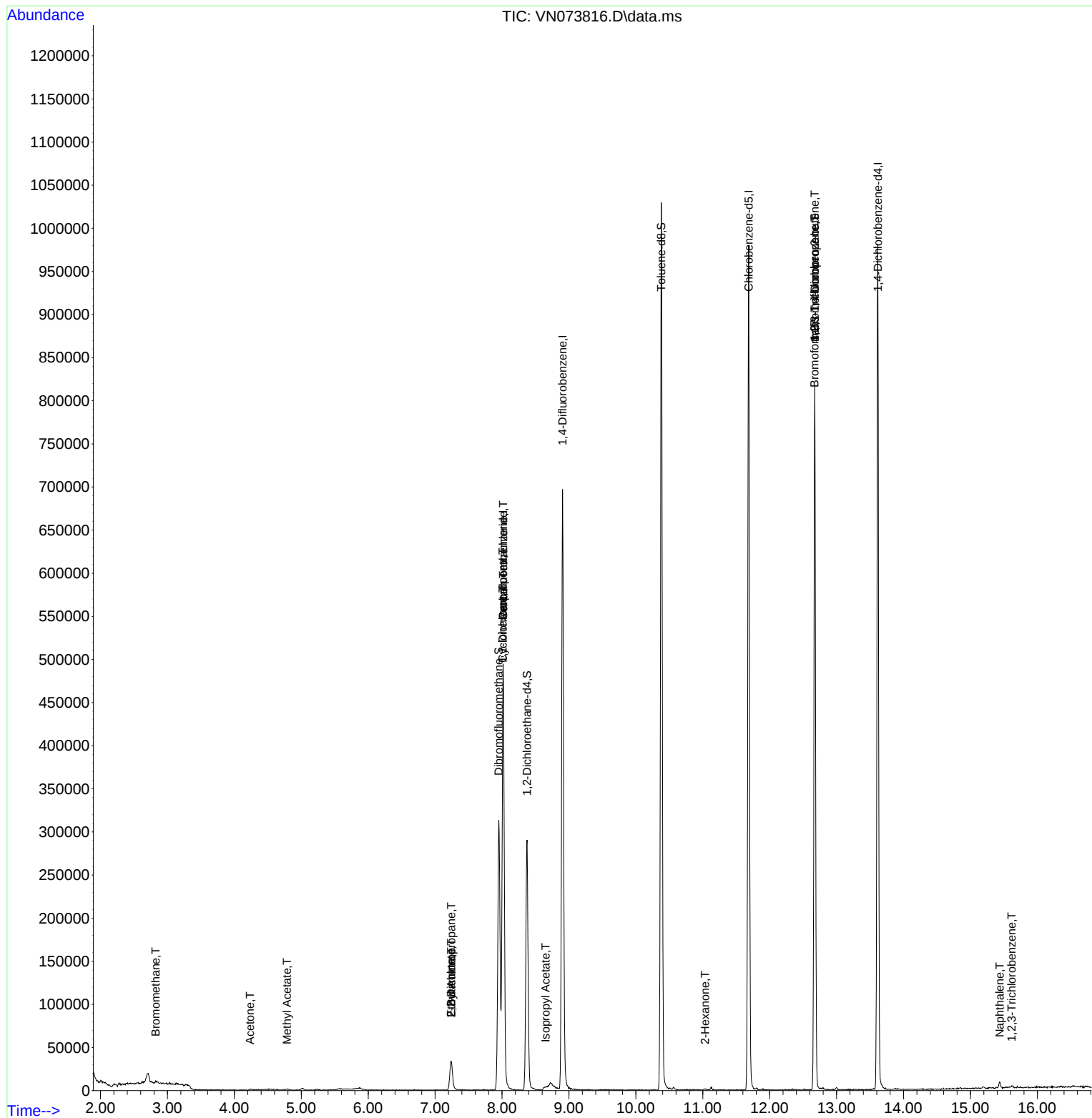
Internal Standards						
1) Pentafluorobenzene	8.016	168	403423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	632777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	590989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	284163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	243434	49.515	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	7.951	113	227480	57.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.500%
50) Toluene-d8	10.381	98	736892	47.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.675	95	270338	49.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1169	Below Cal		89
5) Bromomethane	2.822	94	2099	0.529 ug/l		82
6) Chloroethane	2.981	64	396	Below Cal		92
16) Acetone	4.234	43	2037	0.771 ug/l #		85
18) Methyl Acetate	4.787	43	2518	0.383 ug/l #		84
20) Methylene Chloride	5.004	84	794	Below Cal		88
25) 2-Butanone	7.240	43	2343	0.571 ug/l #		45
26) 2,2-Dichloropropane	7.240	77	2416	0.387 ug/l #		53
31) Cyclohexane	8.010	56	7009	0.958 ug/l #		1
36) 1,1-Dichloropropene	8.010	75	28361	5.008 ug/l #		49
37) Ethyl Acetate	7.240	43	2343	0.314 ug/l #		13
38) Carbon Tetrachloride	8.016	117	36371	6.324 ug/l #		17
43) Isopropyl Acetate	8.651	43	3650	0.362 ug/l #		53
59) 2-Hexanone	11.033	43	1236	0.226 ug/l		64
71) Bromoform	12.669	173	1613	0.434 ug/l #		28
76) 1,2,3-Trichloropropane	12.675	75	137432	24.774 ug/l #		1
81) trans-1,4-Dichloro-2-b...	12.675	75	137432	62.676 ug/l #		10
95) Naphthalene	15.439	128	6873	0.426 ug/l #		95
96) 1,2,3-Trichlorobenzene	15.615	180	1156	0.221 ug/l		95

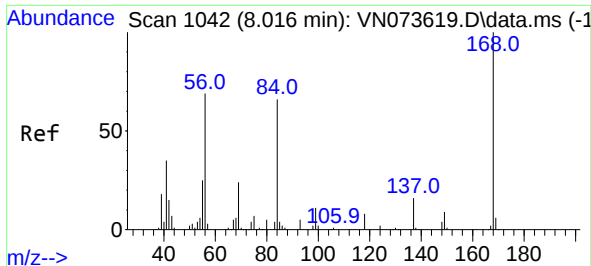
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

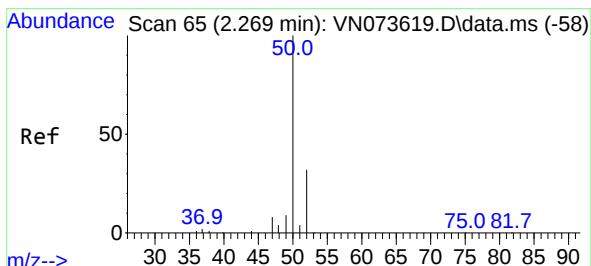
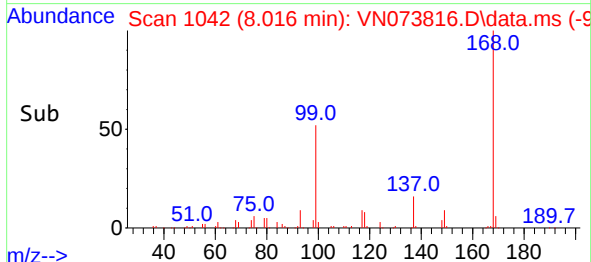
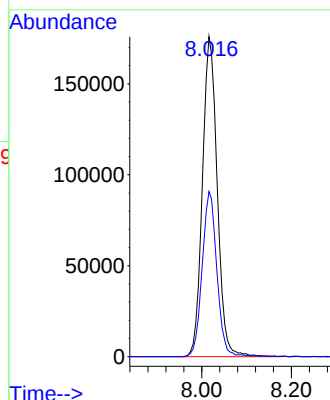
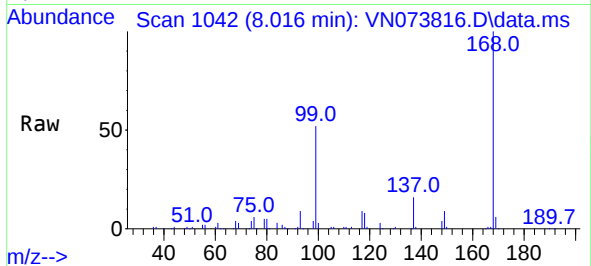




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

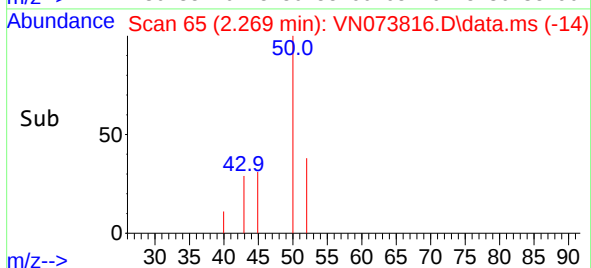
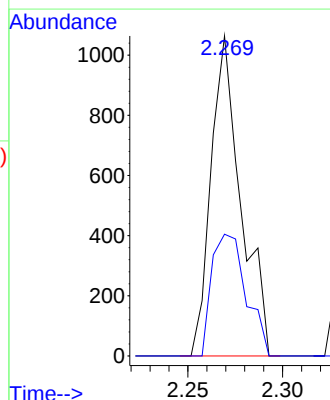
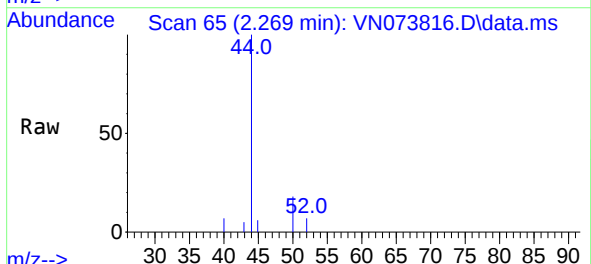
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

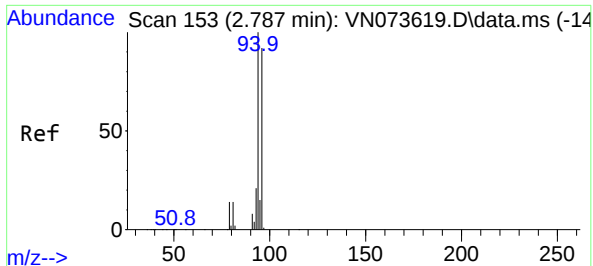
Tgt Ion:168 Resp: 403423
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 50 Resp: 1169
Ion Ratio Lower Upper
50 100
52 38.1 25.7 38.5

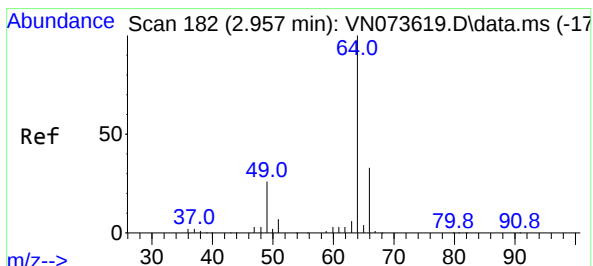
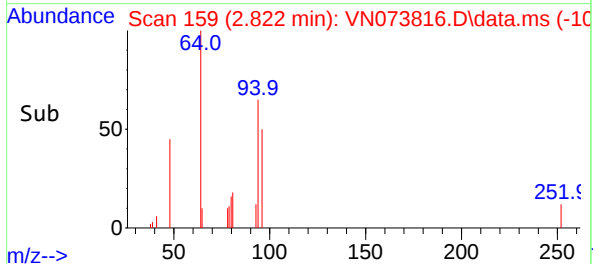
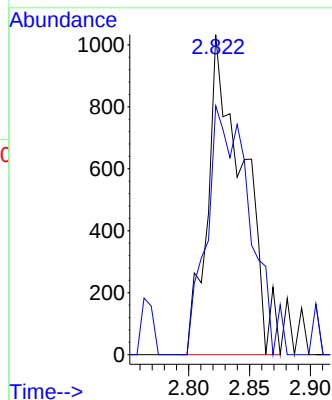
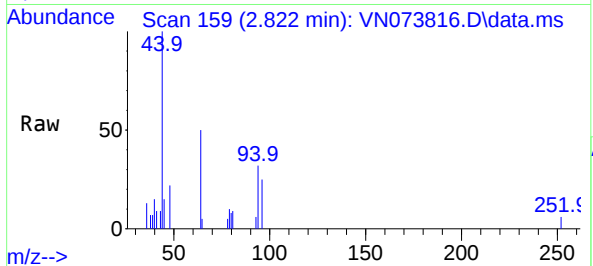




#5
Bromomethane
Concen: 0.529 ug/l
RT: 2.822 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

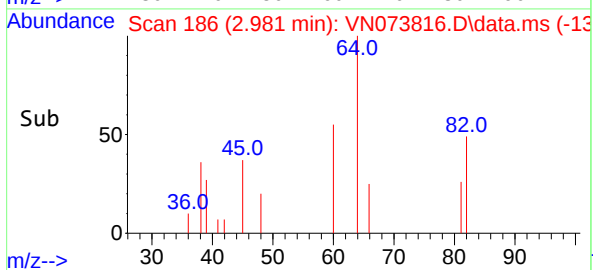
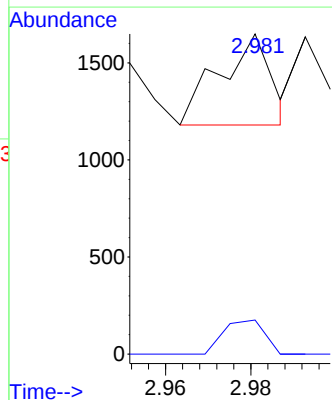
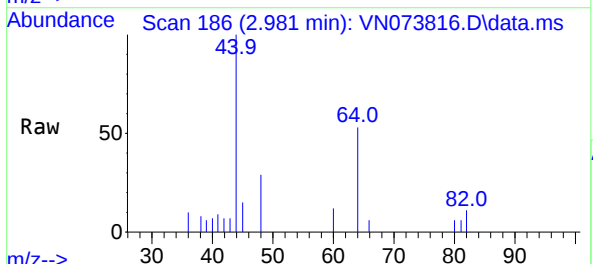
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

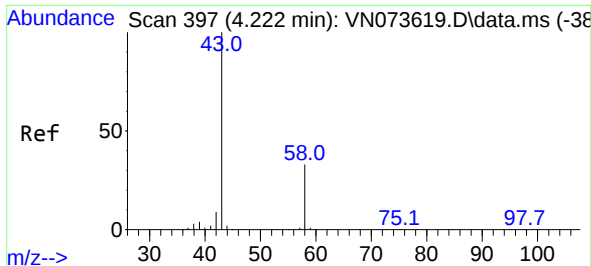
Tgt Ion: 94 Resp: 2099
Ion Ratio Lower Upper
94 100
96 77.7 76.0 114.0



#6
Chloroethane
Concen: Below Cal
RT: 2.981 min Scan# 186
Delta R.T. 0.024 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 64 Resp: 396
Ion Ratio Lower Upper
64 100
66 37.3 26.2 39.4

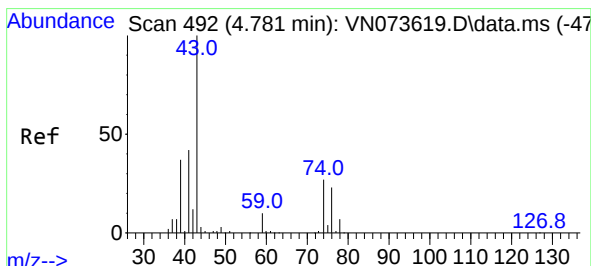
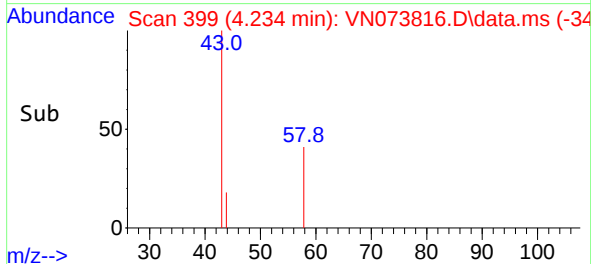
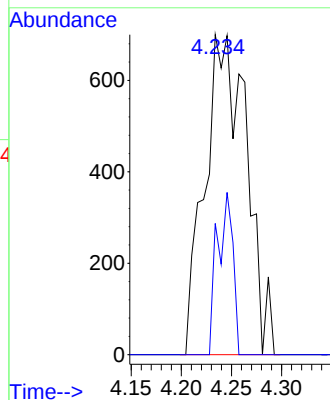
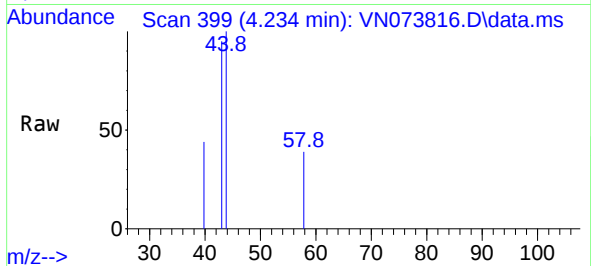




#16
Acetone
Concen: 0.771 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.012 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

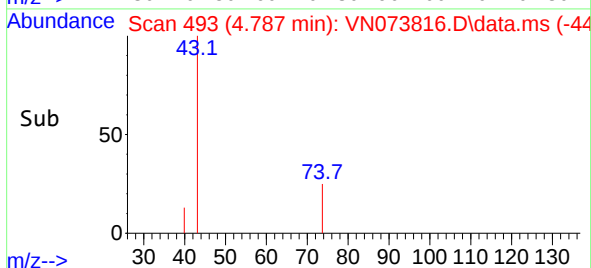
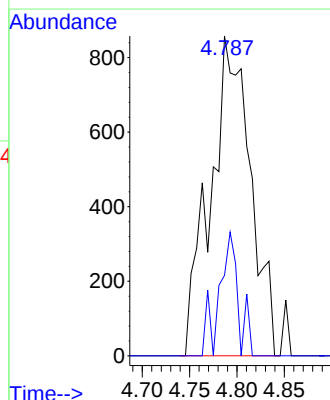
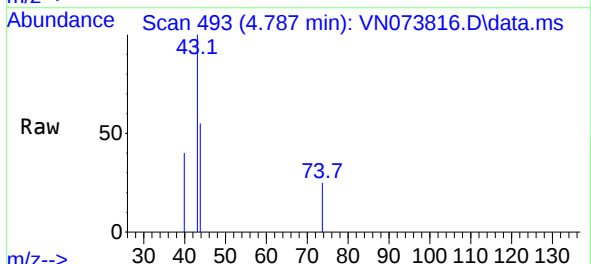
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

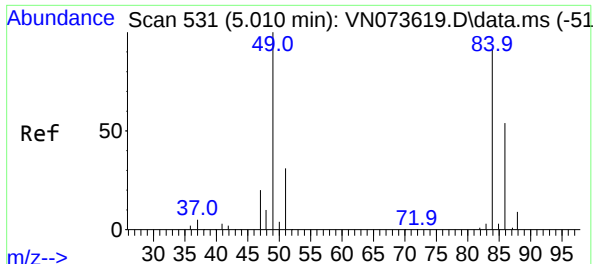
Tgt Ion: 43 Resp: 2037
Ion Ratio Lower Upper
43 100
58 41.0 26.0 39.0#



#18
Methyl Acetate
Concen: 0.383 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.006 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

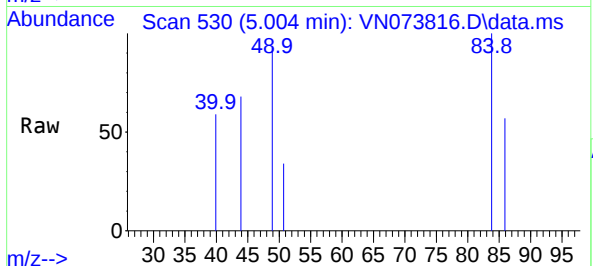
Tgt Ion: 43 Resp: 2518
Ion Ratio Lower Upper
43 100
74 18.6 21.6 32.4#





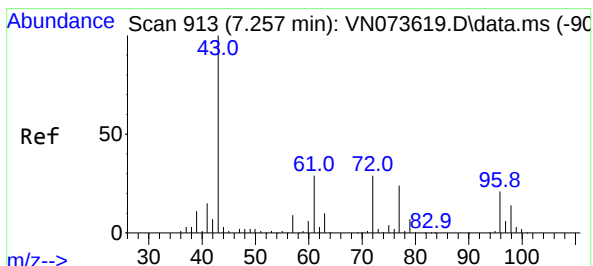
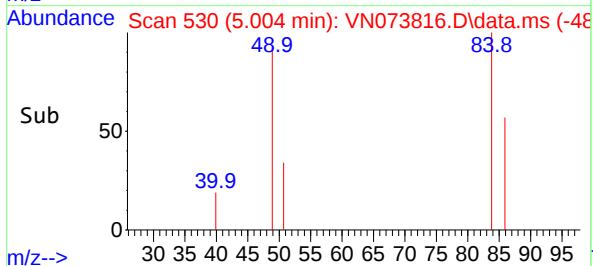
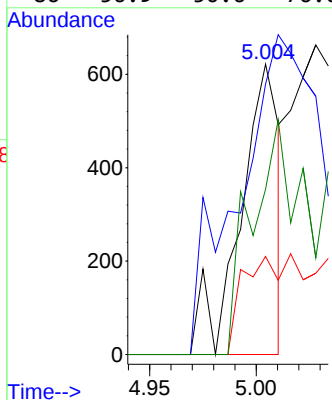
#20
Methylene Chloride
Concen: Below Cal
RT: 5.004 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01



Tgt Ion: 84 Resp: 794

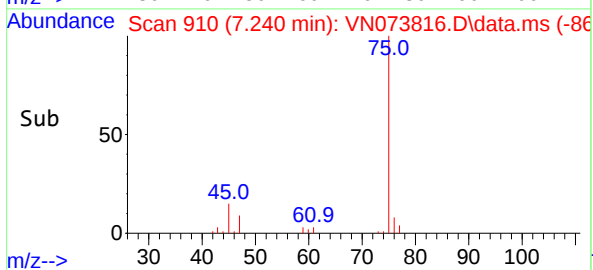
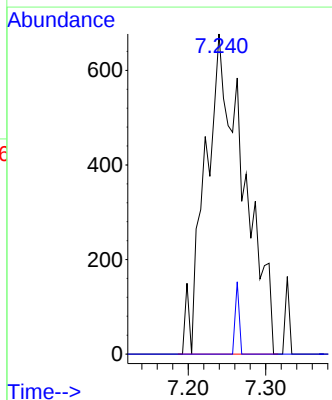
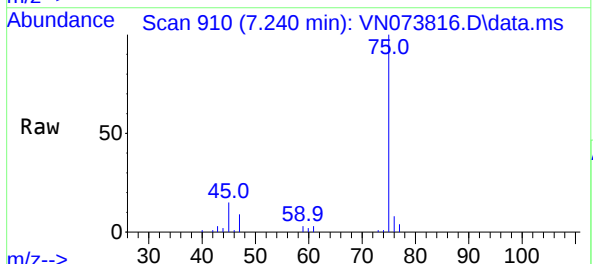
Ion	Ratio	Lower	Upper
84	100		
49	93.1	88.3	132.5
51	33.8	28.2	42.2
86	56.9	50.6	76.0

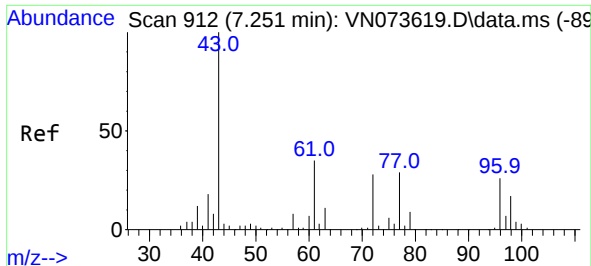


#25
2-Butanone
Concen: 0.571 ug/l
RT: 7.240 min Scan# 910
Delta R.T. -0.017 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 43 Resp: 2343

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

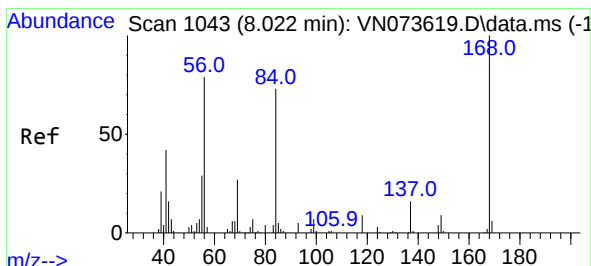
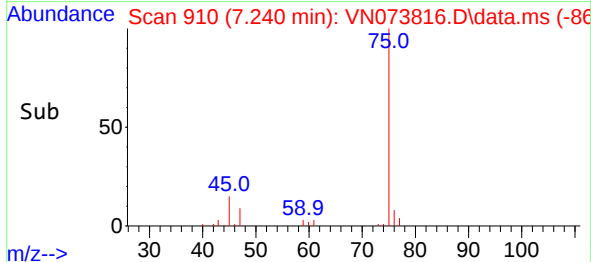
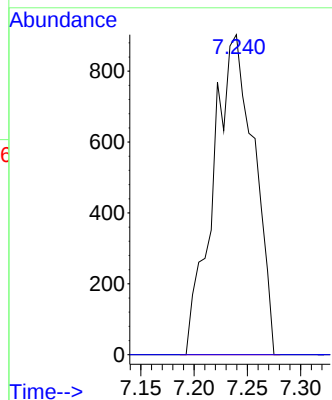
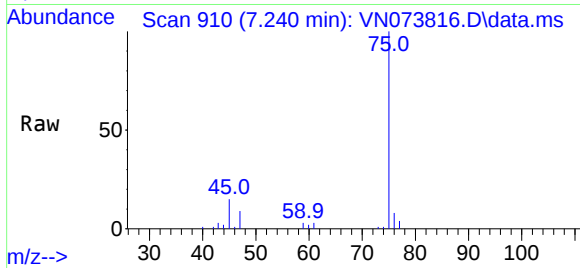




#26
2,2-Dichloropropane
Concen: 0.387 ug/l
RT: 7.240 min Scan# 912
Delta R.T. -0.012 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

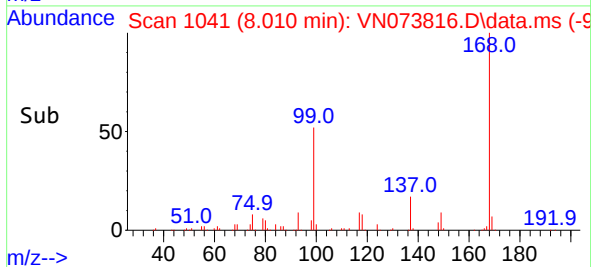
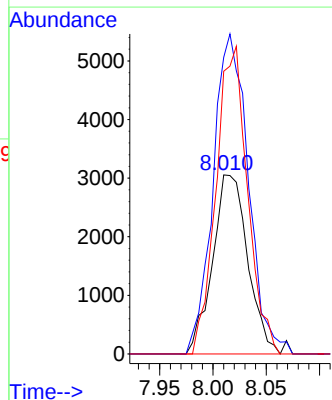
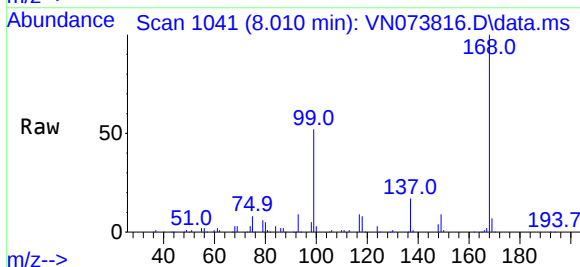
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

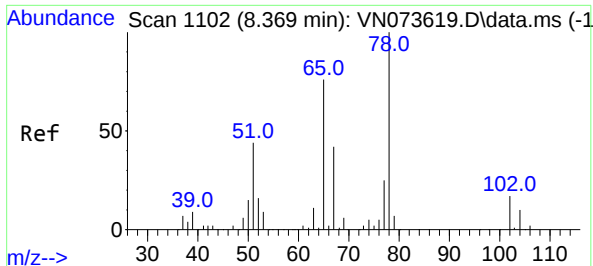
Tgt Ion: 77 Resp: 2416
Ion Ratio Lower Upper
77 100
97 0.0 11.4 34.2#



#31
Cyclohexane
Concen: 0.958 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.012 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 56 Resp: 7009
Ion Ratio Lower Upper
56 100
69 165.7 27.8 41.8#
84 157.9 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 49.515 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073816.D

Acq: 11 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

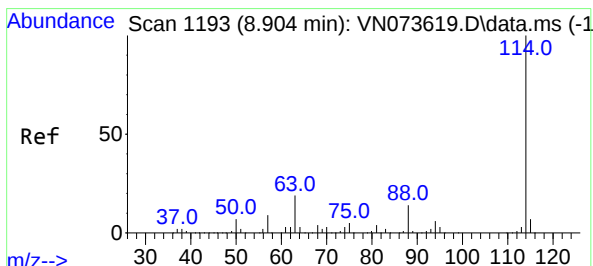
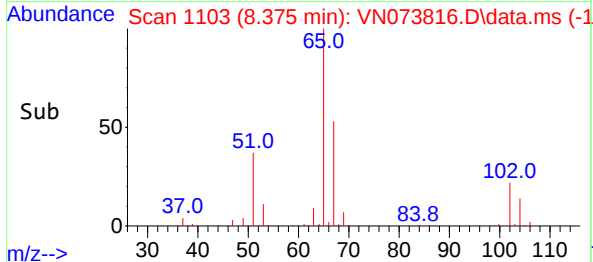
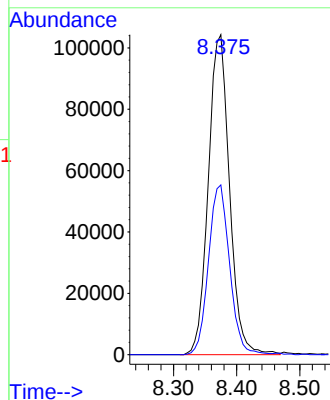
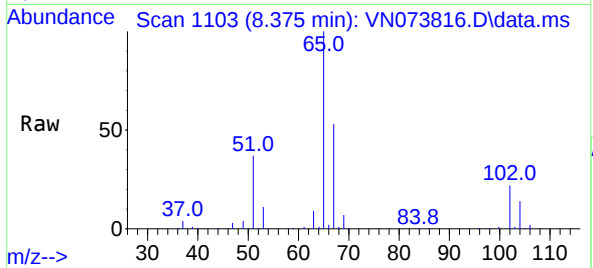
VN0811WBL01

Tgt Ion: 65 Resp: 243434

Ion Ratio Lower Upper

65 100

67 52.8 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: VN073816.D

Acq: 11 Aug 2022 11:10

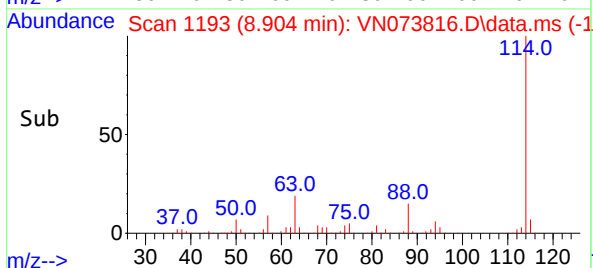
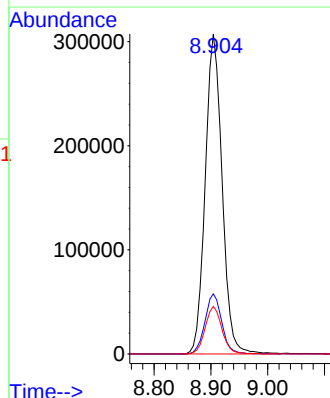
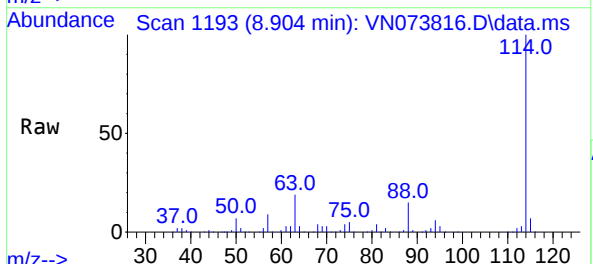
Tgt Ion: 114 Resp: 632777

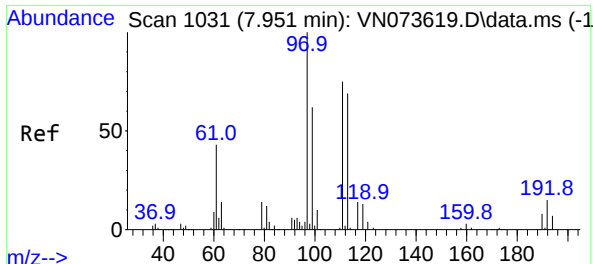
Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 14.8 0.0 32.6

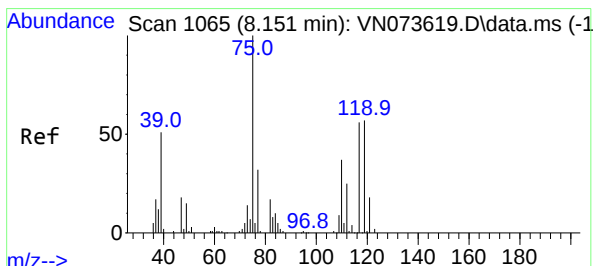
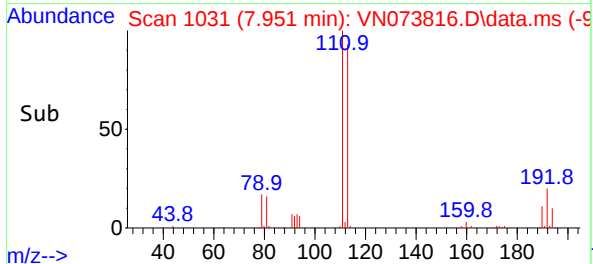
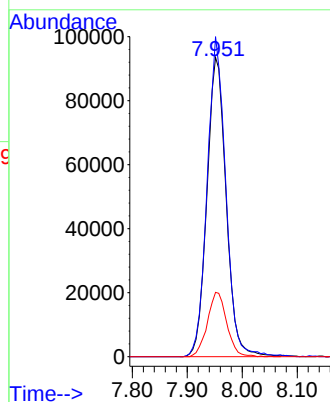
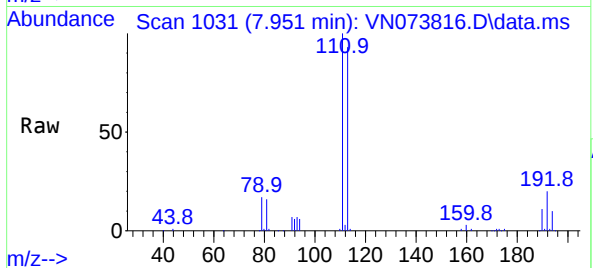




#35
Dibromofluoromethane
Concen: 57.250 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

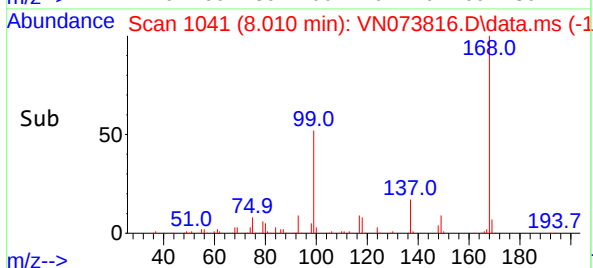
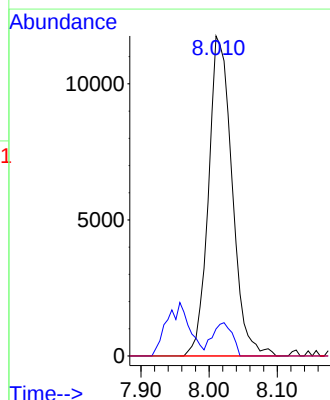
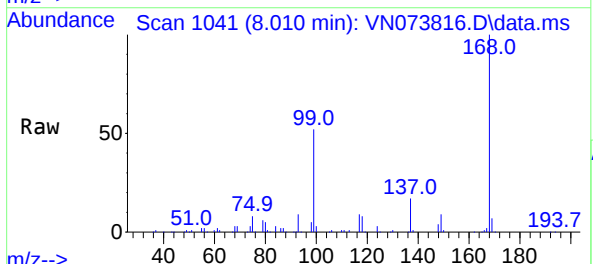
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

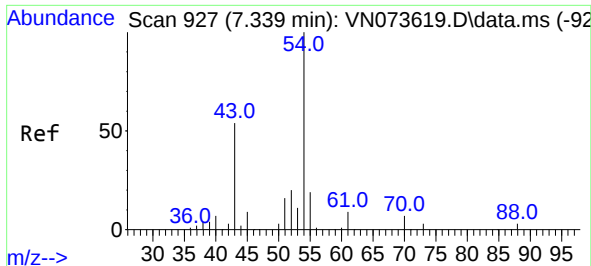
Tgt Ion:113 Resp: 227480
Ion Ratio Lower Upper
113 100
111 103.7 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 5.008 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 75 Resp: 28361
Ion Ratio Lower Upper
75 100
110 8.7 18.3 54.8#
77 0.0 25.1 37.7#

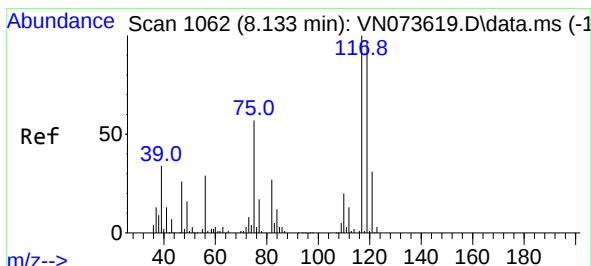
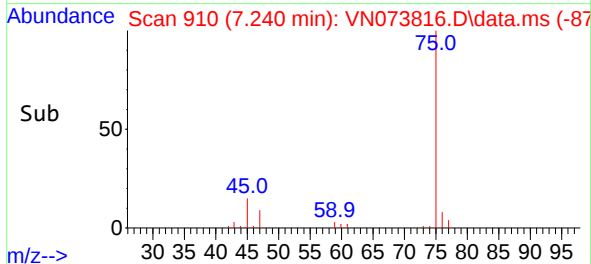
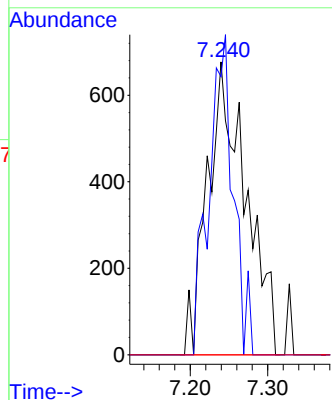
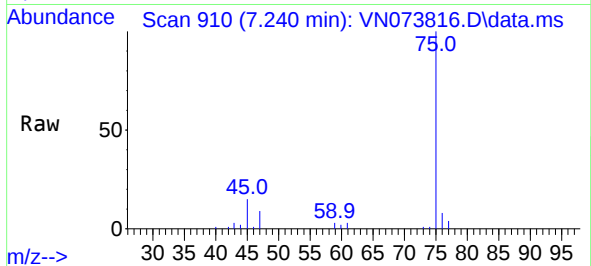




#37
Ethyl Acetate
Concen: 0.314 ug/l
RT: 7.240 min Scan# 91
Delta R.T. -0.100 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

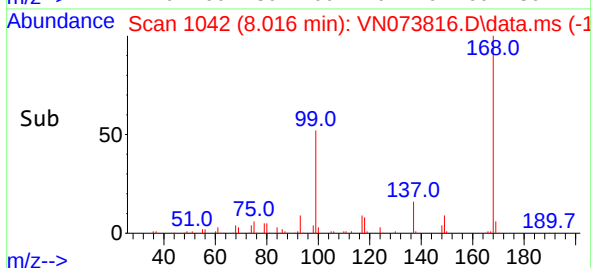
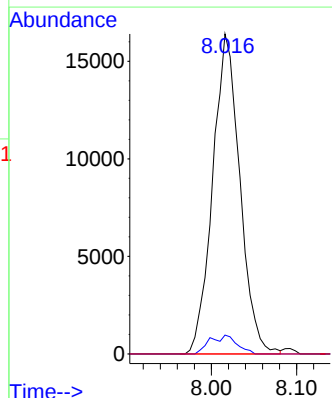
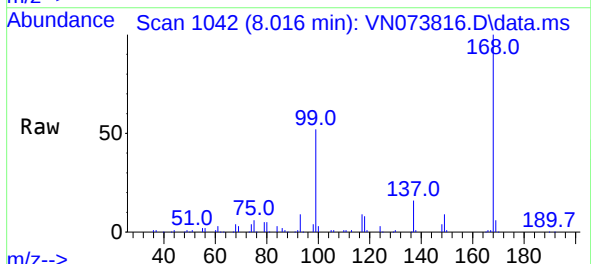
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

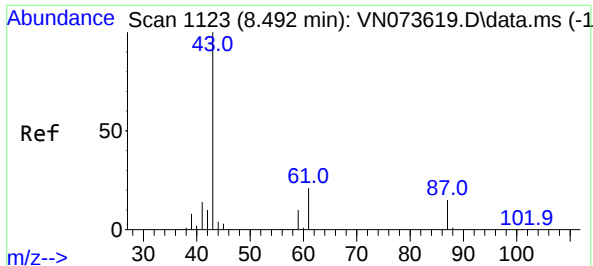
Tgt Ion: 43 Resp: 2343
Ion Ratio Lower Upper
43 100
61 69.1 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 117 Resp: 36371
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.8#
121 0.0 24.6 37.0#

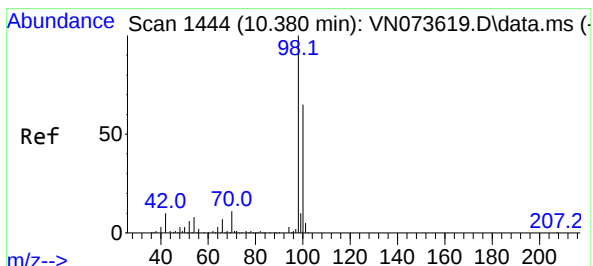
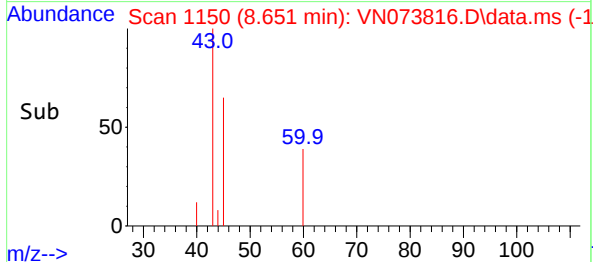
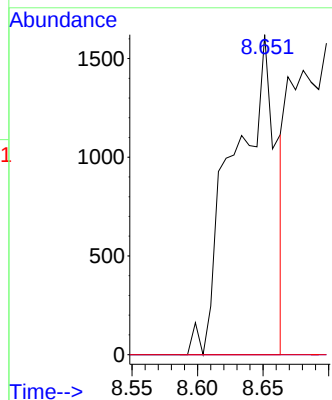
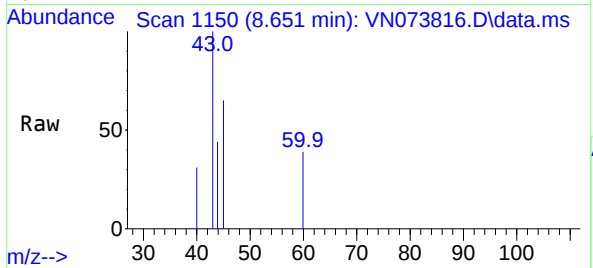




#43
Isopropyl Acetate
Concen: 0.362 ug/l
RT: 8.651 min Scan# 1123
Delta R.T. 0.159 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

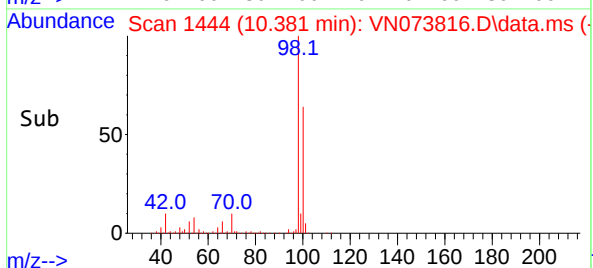
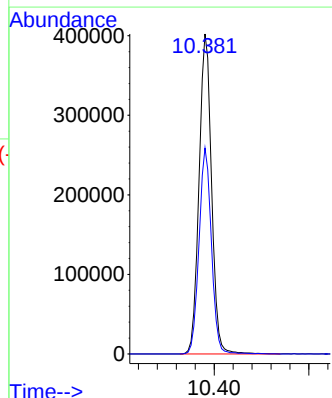
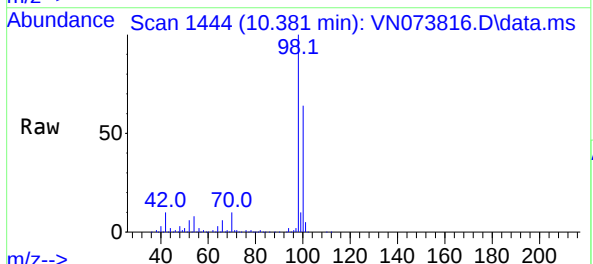
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

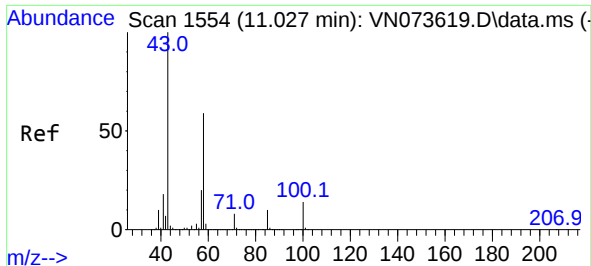
Tgt Ion: 43 Resp: 3650
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 47.128 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 98 Resp: 736892
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8

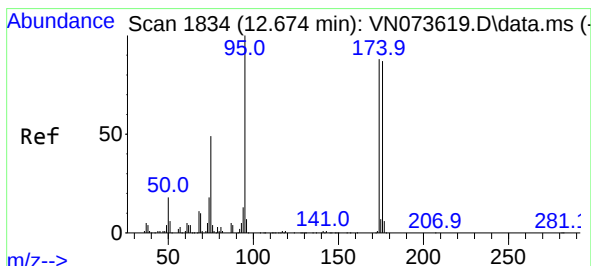
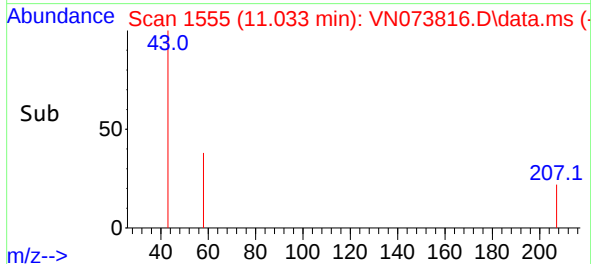
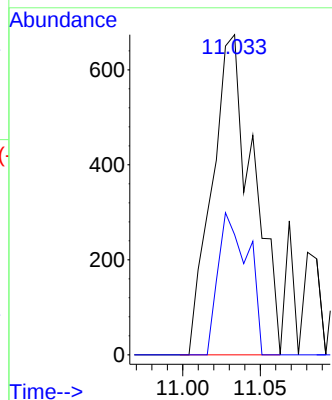
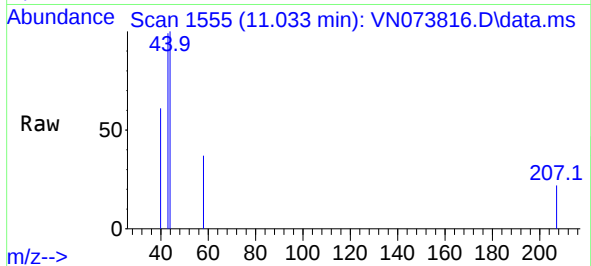




#59
2-Hexanone
Concen: 0.226 ug/l
RT: 11.033 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

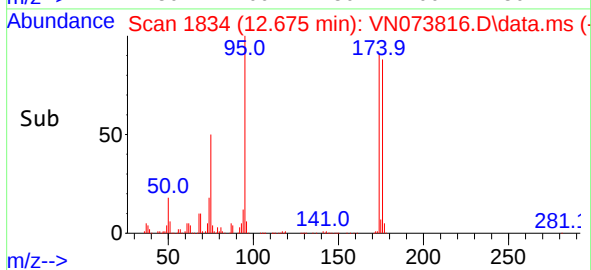
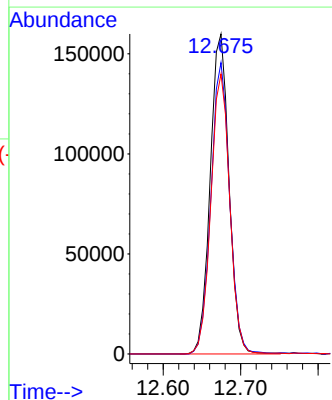
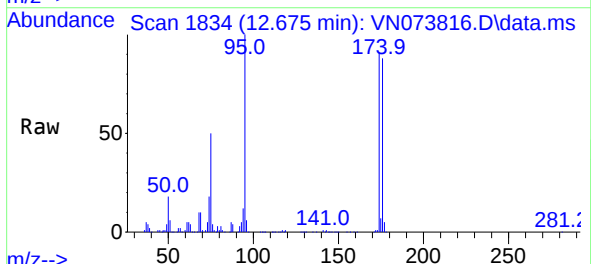
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

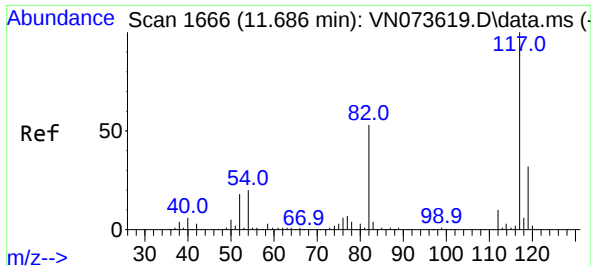
Tgt Ion: 43 Resp: 1236
Ion Ratio Lower Upper
43 100
58 32.5 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 49.292 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 95 Resp: 270338
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 87.6 0.0 163.4

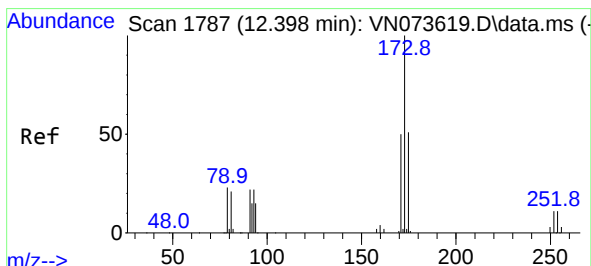
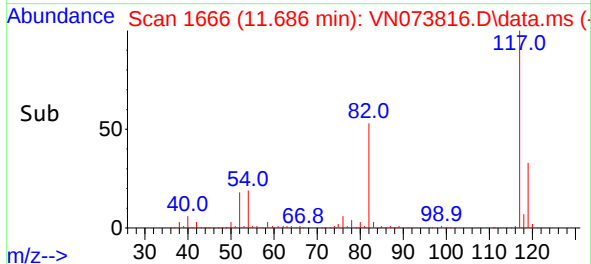
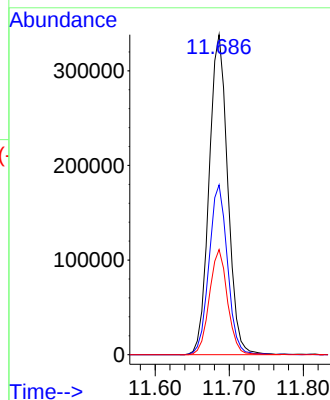
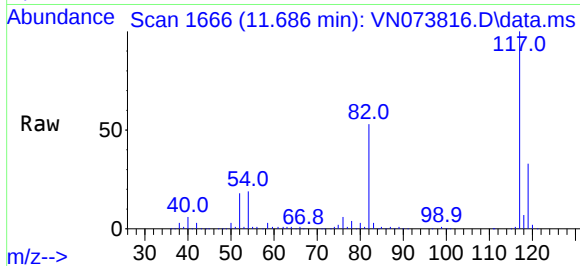




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

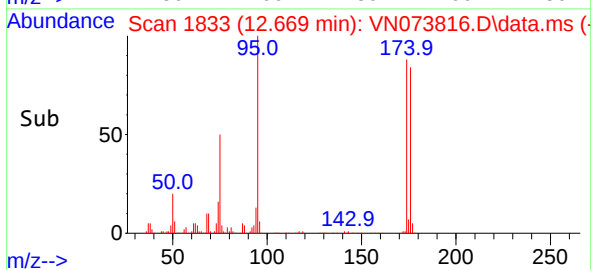
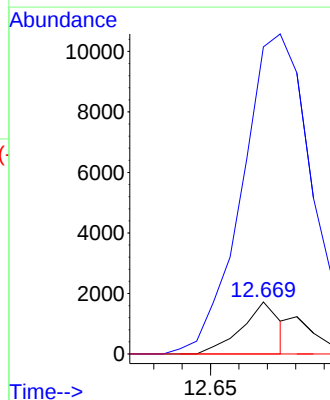
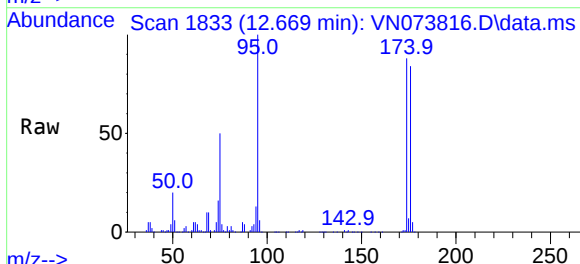
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

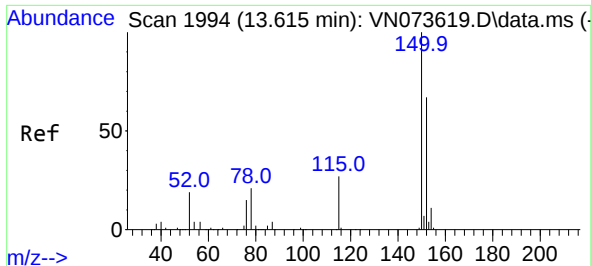
Tgt Ion:117 Resp: 590989
Ion Ratio Lower Upper
117 100
82 53.0 44.2 66.2
119 32.9 25.4 38.0



#71
Bromoform
Concen: 0.434 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

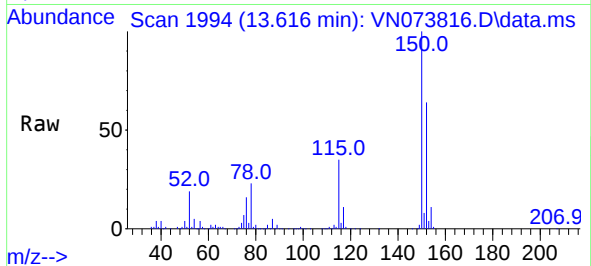
Tgt Ion:173 Resp: 1613
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



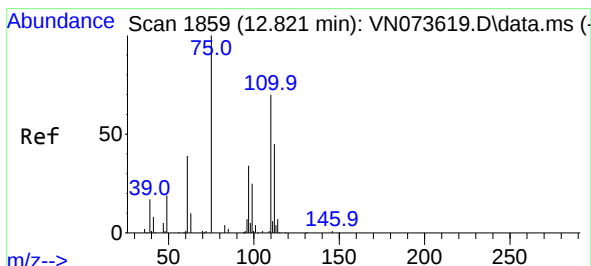
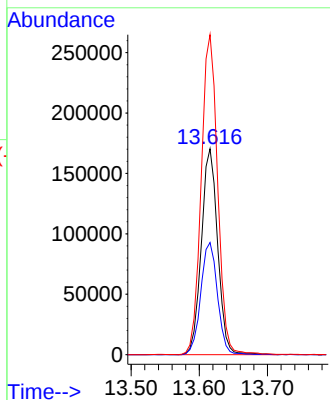
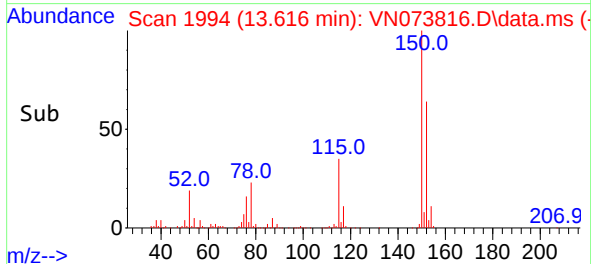


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

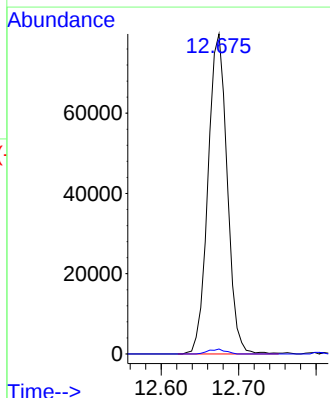
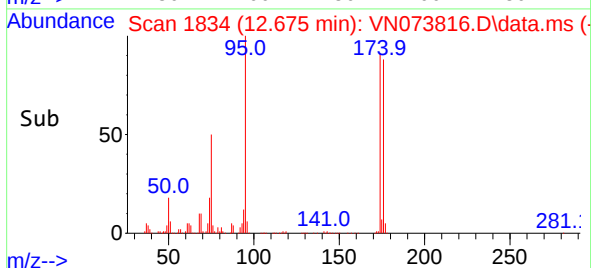
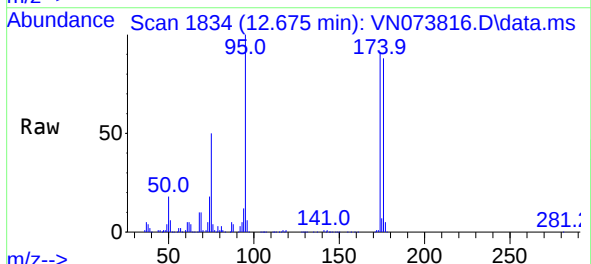


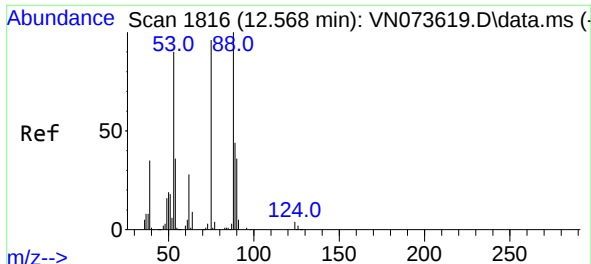
Tgt Ion:152 Resp: 284163
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 156.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 24.774 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. -0.146 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 75 Resp: 137432
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

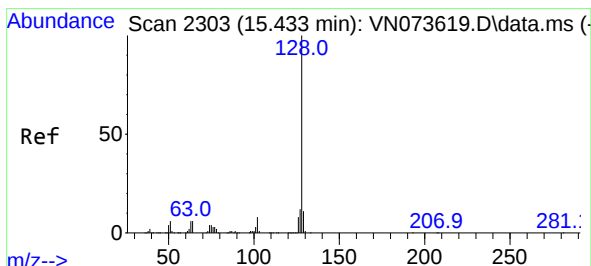
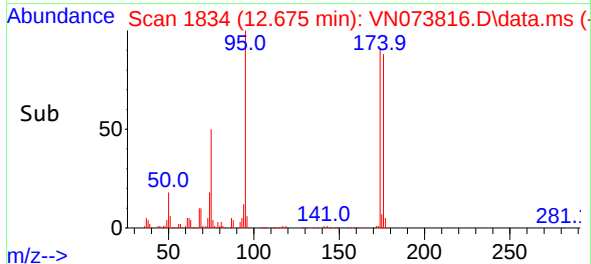
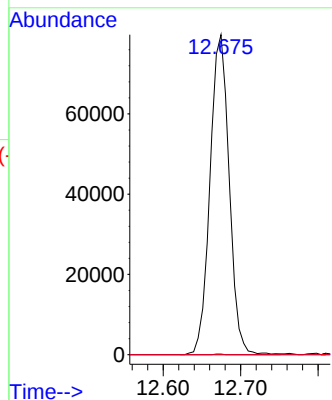
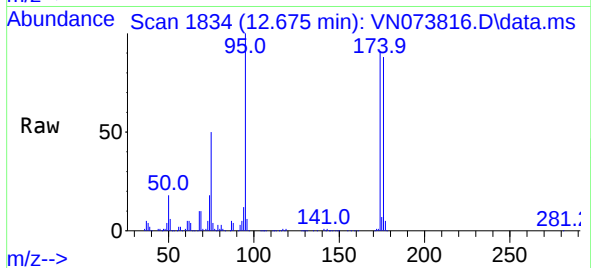




#81
trans-1,4-Dichloro-2-butene
Concen: 62.676 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

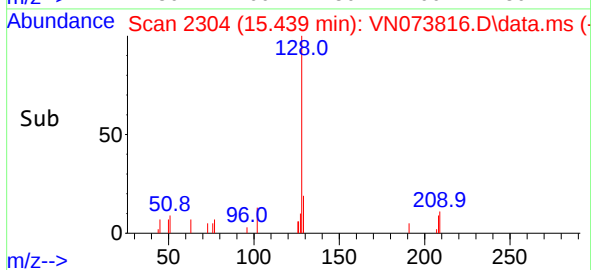
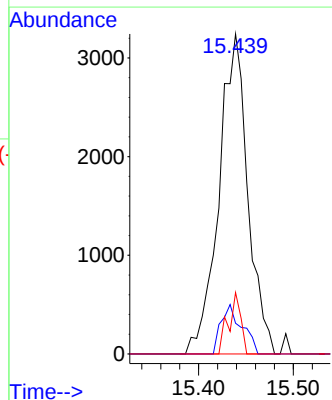
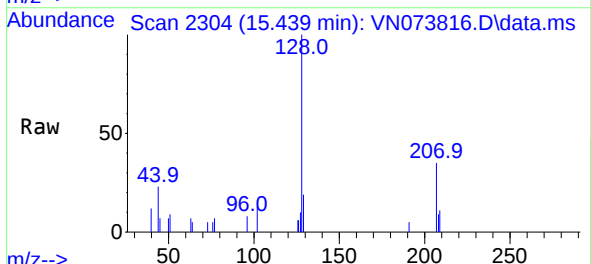
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

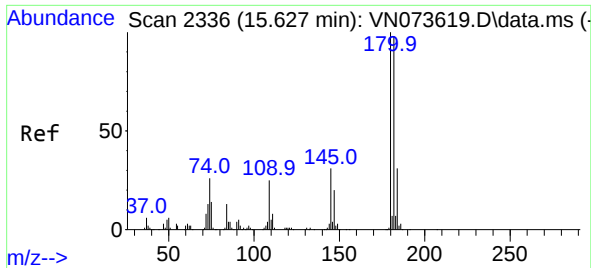
Tgt Ion: 75 Resp: 137432
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 0.426 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

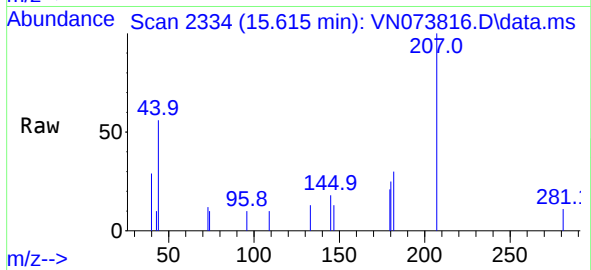
Tgt Ion:128 Resp: 6873
Ion Ratio Lower Upper
128 100
127 11.2 10.3 15.5
129 8.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 15.615 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN073816.D
 Acq: 11 Aug 2022 11:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBL01



Tgt Ion:	180	Resp:	1156
Ion	Ratio	Lower	Upper
180	100		
182	91.7	47.8	143.3
145	25.5	15.5	46.5

