

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061024\
 Data File : VN082516.D
 Acq On : 10 Jun 2024 15:55
 Operator : JC\MD
 Sample : P2707-01ME
 Misc : 5.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 11 01:09:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

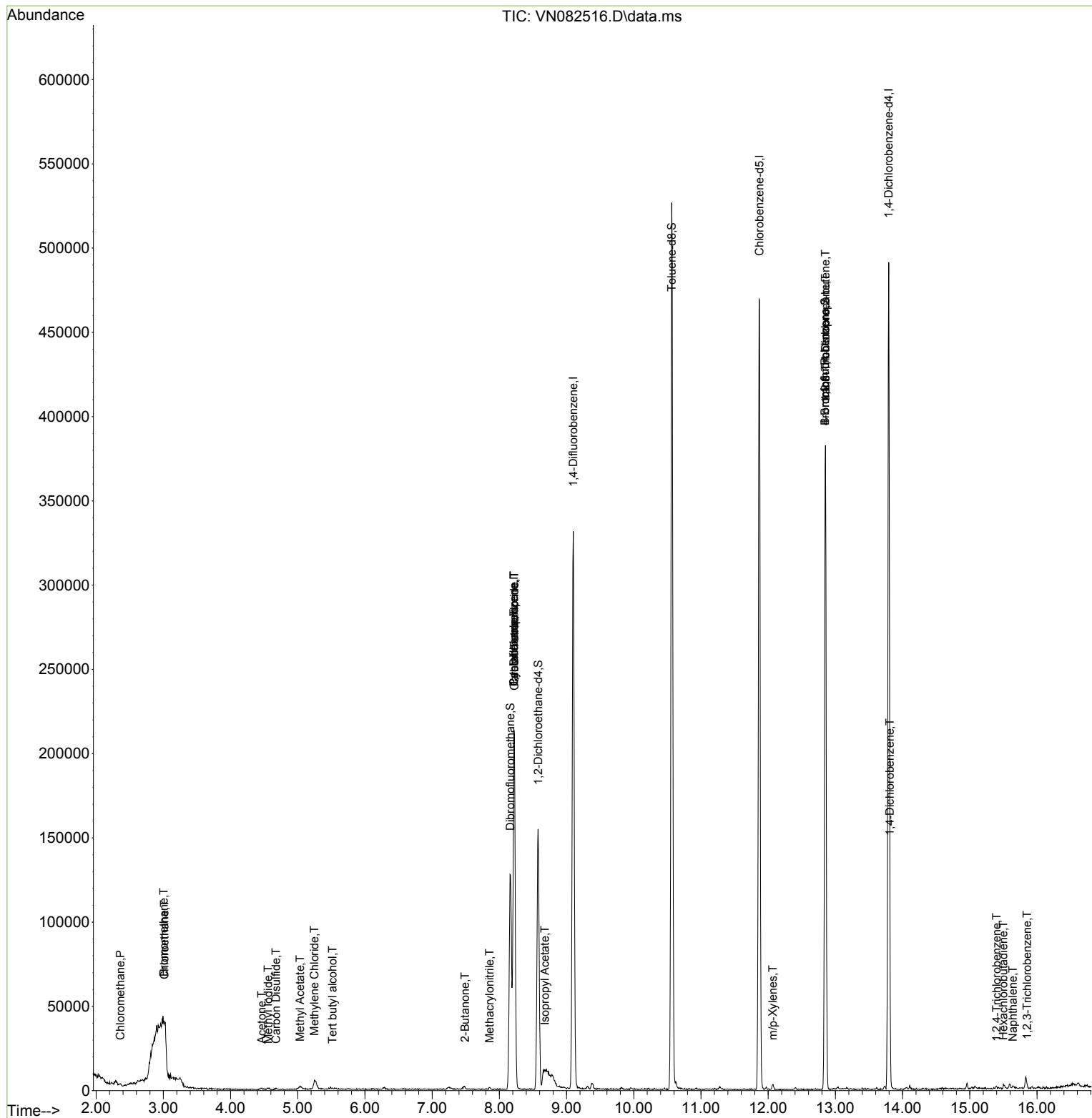
Internal Standards						
1) Pentafluorobenzene	8.218	168	148829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	267849	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	255517	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	120544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	126352	53.766	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	8.165	113	92136	55.918	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.840%	
50) Toluene-d8	10.565	98	347997	55.088	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.180%	
62) 4-Bromofluorobenzene	12.847	95	121305	53.800	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 107.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	782	0.322	ug/l #	43
5) Bromomethane	3.006	94	426	0.324	ug/l #	3
6) Chloroethane	3.018	64	676	0.453	ug/l #	80
10) Methyl Iodide	4.559	142	1351	0.768	ug/l #	72
11) Tert butyl alcohol	5.518	59	210	0.557	ug/l #	71
16) Acetone	4.465	43	1475	1.530	ug/l #	43
17) Carbon Disulfide	4.677	76	1348	0.257	ug/l #	74
18) Methyl Acetate	5.036	43	3992	1.663	ug/l #	57
20) Methylene Chloride	5.247	84	4187	2.153	ug/l #	82
25) 2-Butanone	7.488	43	756	0.517	ug/l #	43
31) Cyclohexane	8.218	56	4512	1.202	ug/l #	35
36) 1,1-Dichloropropene	8.218	75	13510	4.889	ug/l #	47
38) Carbon Tetrachloride	8.224	117	16137	5.761	ug/l #	16
41) Methacrylonitrile	7.853	41	539	0.296	ug/l #	23
43) Isopropyl Acetate	8.676	43	11684	2.132	ug/l #	52
68) m/p-Xylenes	12.070	106	1044	0.282	ug/l #	68
71) Bromoform	12.847	173	1070	1.414	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	72040	28.394	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72040	66.412	ug/l #	12
88) 1,4-Dichlorobenzene	13.811	146	893	0.212	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.400	180	547	0.249	ug/l #	89
94) Hexachlorobutadiene	15.500	225	535	0.556	ug/l #	70
95) Naphthalene	15.641	128	2322	0.338	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.852	180	878	0.400	ug/l #	52

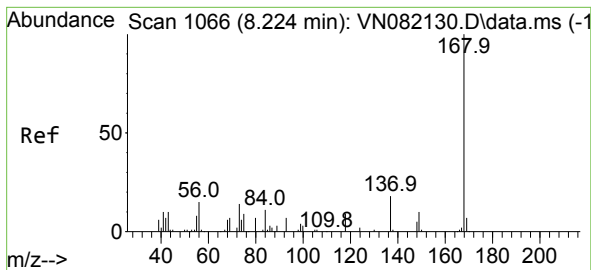
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

Instrument :

MSVOA_N

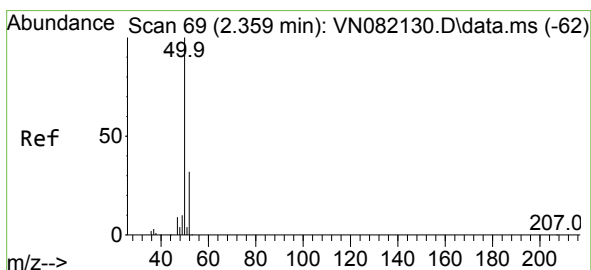
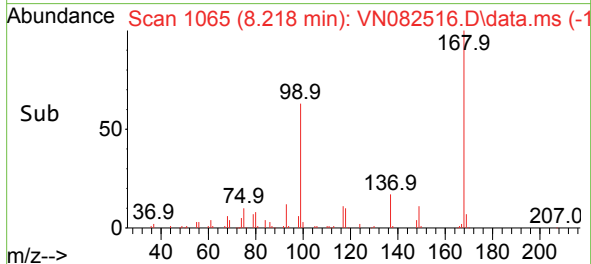
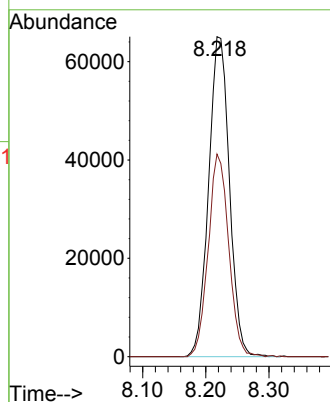
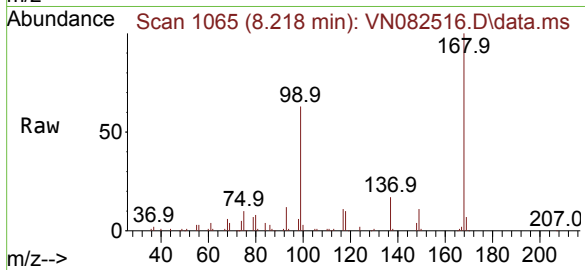
ClientSampleId :

Tgt Ion:168 Resp: 148829

Ion Ratio Lower Upper

168 100

99 63.3 48.2 72.4



#3

Chloromethane

Concen: 0.322 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN082516.D

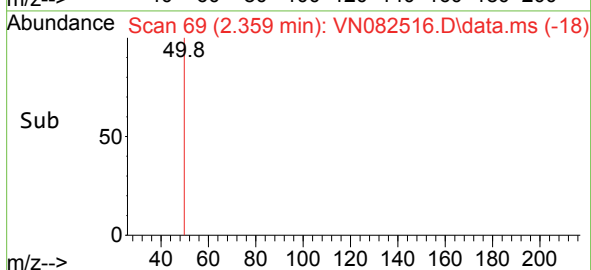
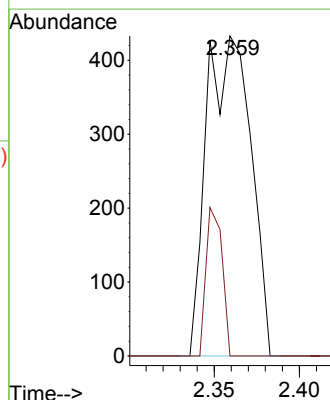
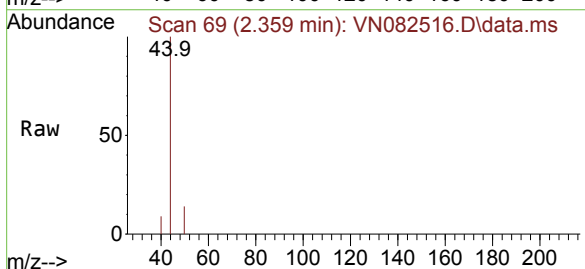
Acq: 10 Jun 2024 15:55

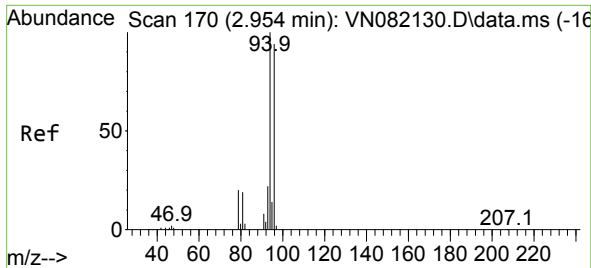
Tgt Ion: 50 Resp: 782

Ion Ratio Lower Upper

50 100

52 0.0 25.5 38.3#

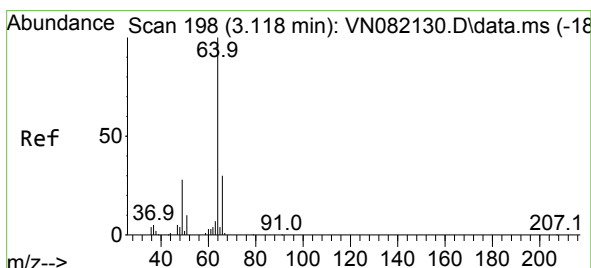
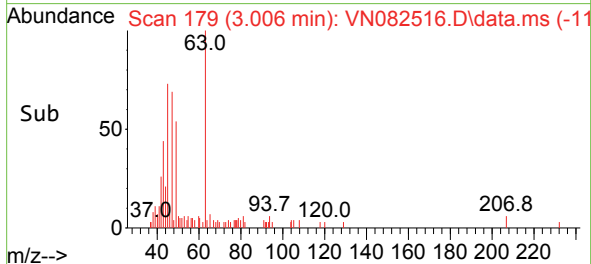
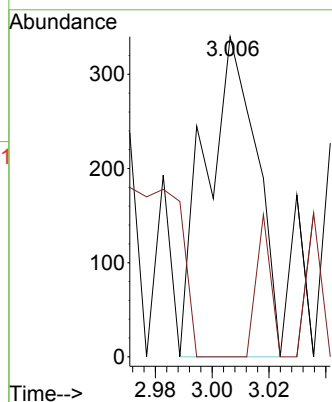
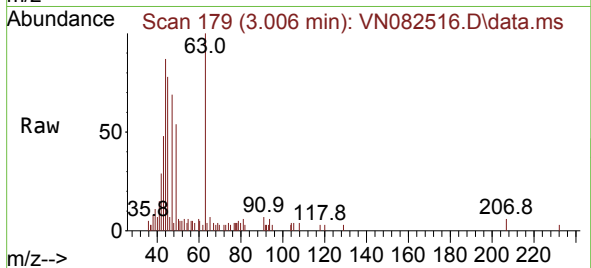




#5
Bromomethane
Concen: 0.324 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.053 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

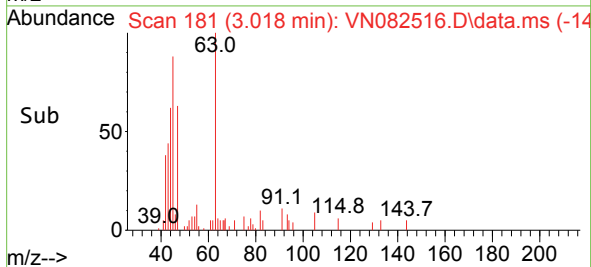
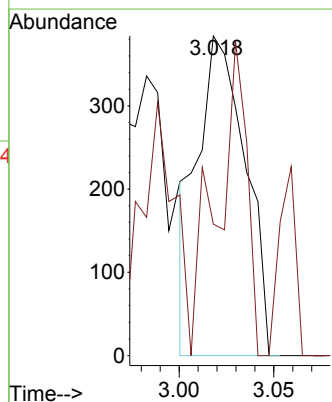
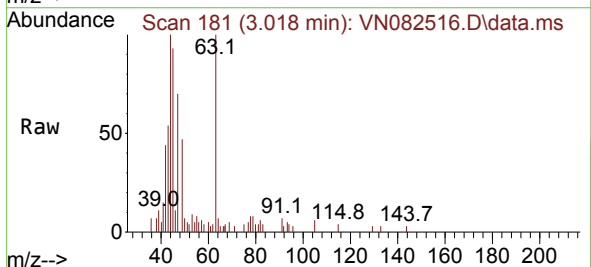
Instrument :
MSVOA_N
ClientSampleId :

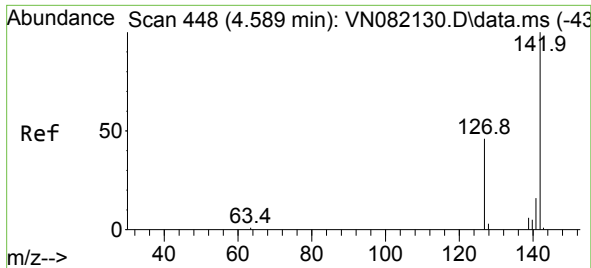
Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#



#6
Chloroethane
Concen: 0.453 ug/l
RT: 3.018 min Scan# 181
Delta R.T. -0.100 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

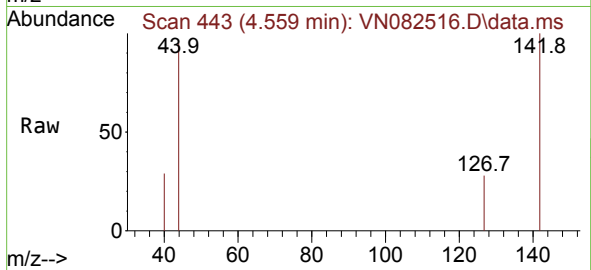
Tgt Ion: 64 Resp: 676
Ion Ratio Lower Upper
64 100
66 41.9 24.7 37.1#



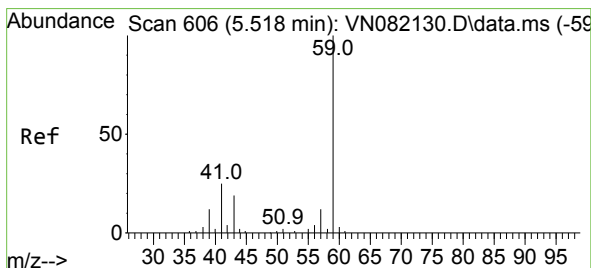
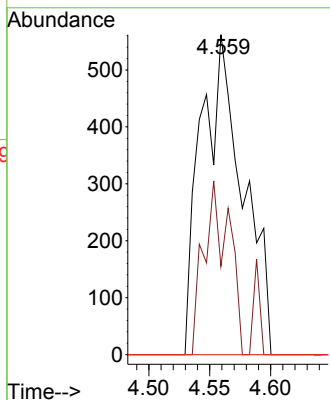
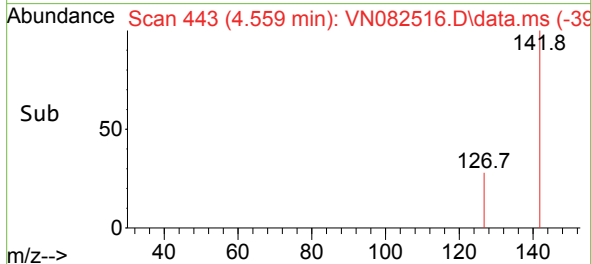


#10
Methyl Iodide
Concen: 0.768 ug/l
RT: 4.559 min Scan# 443
Delta R.T. -0.030 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

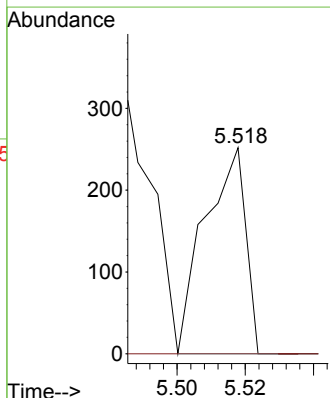
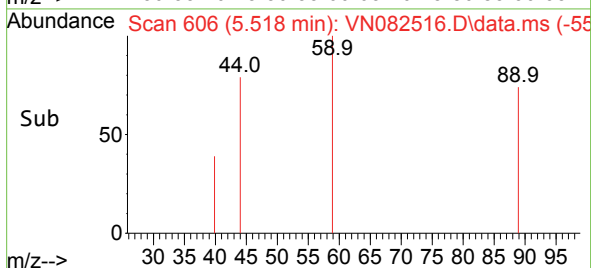
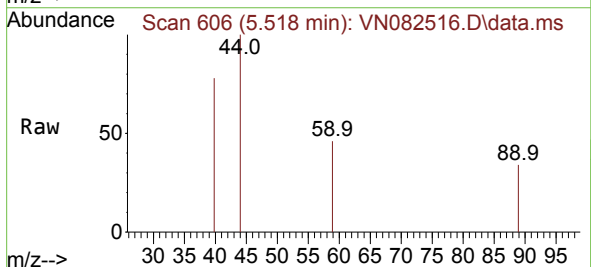


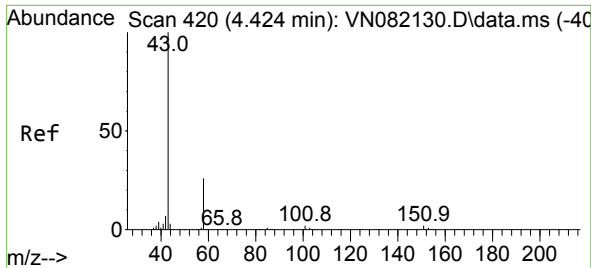
Tgt Ion:142 Resp: 1351
Ion Ratio Lower Upper
142 100
127 27.6 35.8 53.6#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.557 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#





#16

Acetone

Concen: 1.530 ug/l

RT: 4.465 min Scan# 41

Delta R.T. 0.041 min

Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

Instrument :

MSVOA_N

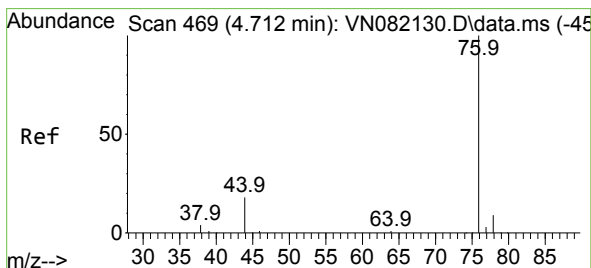
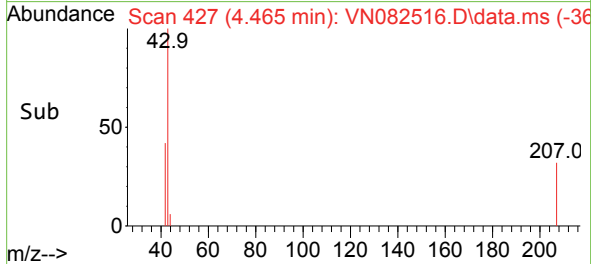
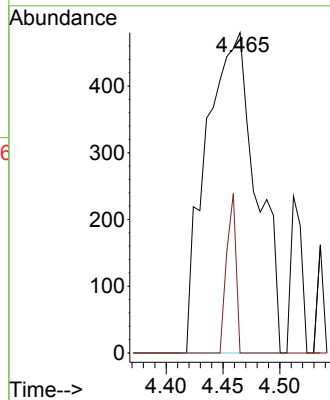
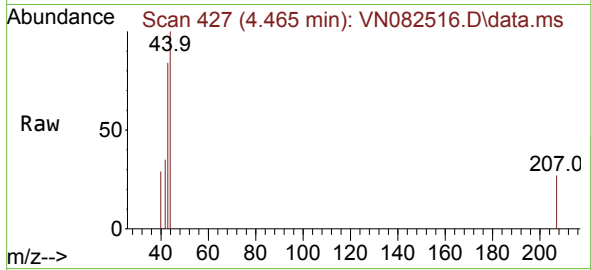
ClientSampleId :

Tgt Ion: 43 Resp: 1475

Ion Ratio Lower Upper

43 100

58 0.0 25.2 37.8#



#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 4.677 min Scan# 463

Delta R.T. -0.035 min

Lab File: VN082516.D

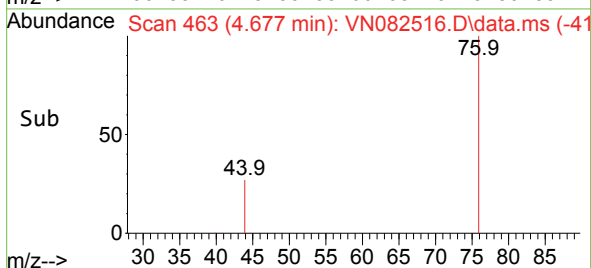
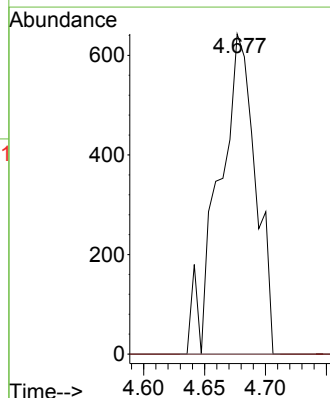
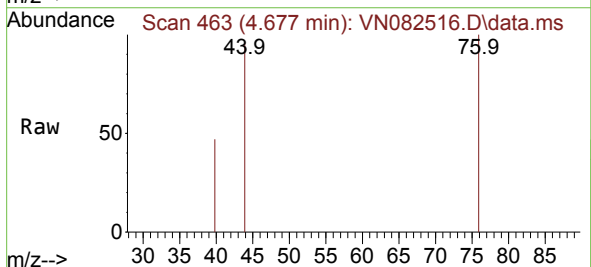
Acq: 10 Jun 2024 15:55

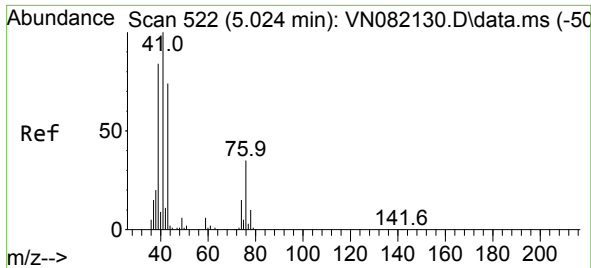
Tgt Ion: 76 Resp: 1348

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

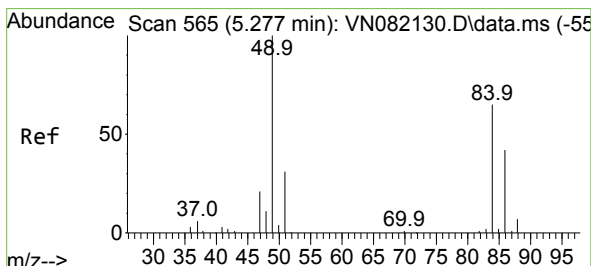
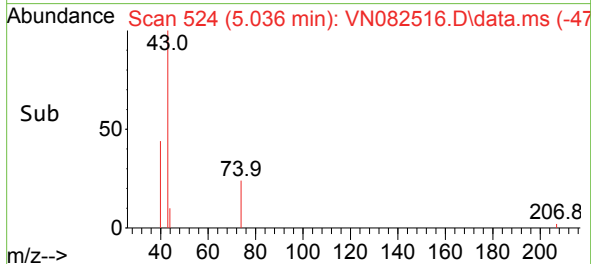
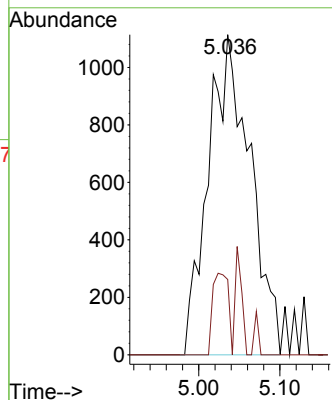
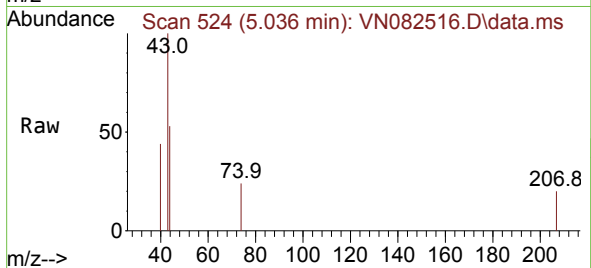




#18
Methyl Acetate
Concen: 1.663 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

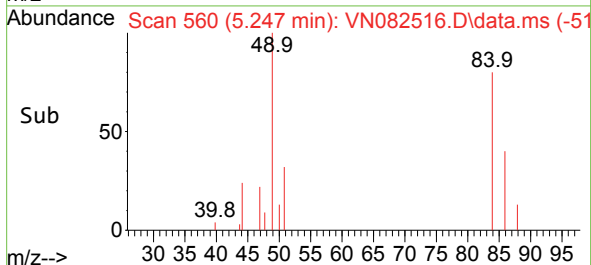
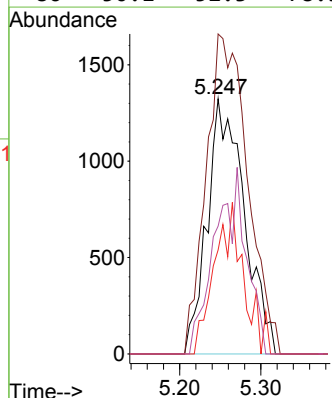
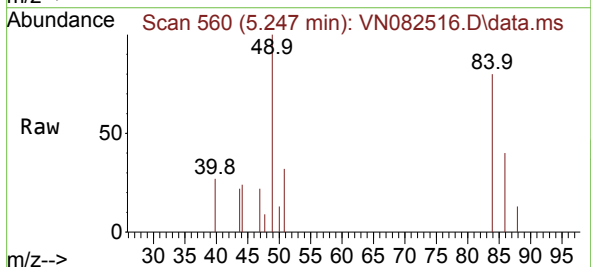
Instrument :
MSVOA_N
ClientSampleId :

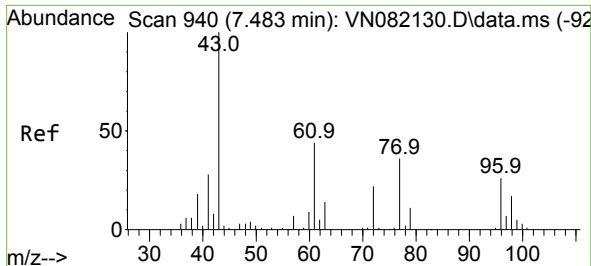
Tgt Ion: 43 Resp: 3992
Ion Ratio Lower Upper
43 100
74 5.2 22.2 33.2#



#20
Methylene Chloride
Concen: 2.153 ug/l
RT: 5.247 min Scan# 560
Delta R.T. -0.030 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Tgt Ion: 84 Resp: 4187
Ion Ratio Lower Upper
84 100
49 125.4 84.9 127.3
51 40.7 27.0 40.6#
86 50.1 52.3 78.5#

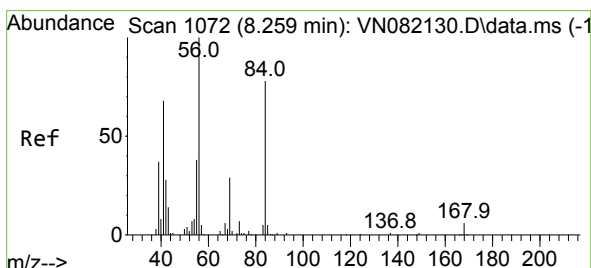
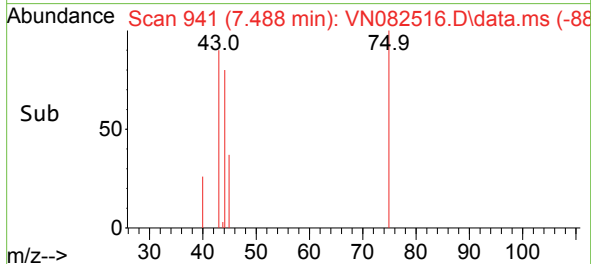
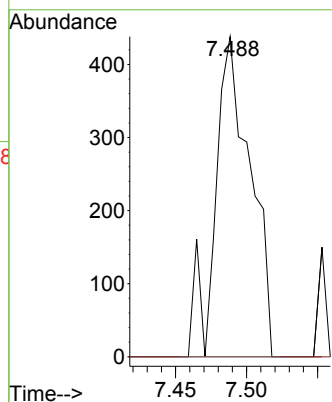
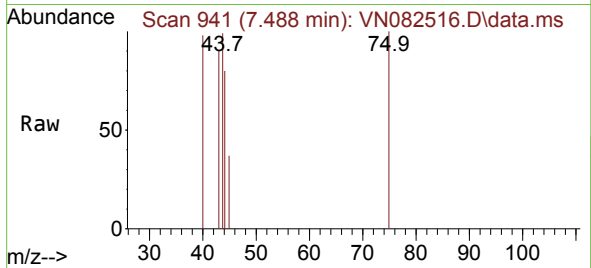




#25
2-Butanone
Concen: 0.517 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

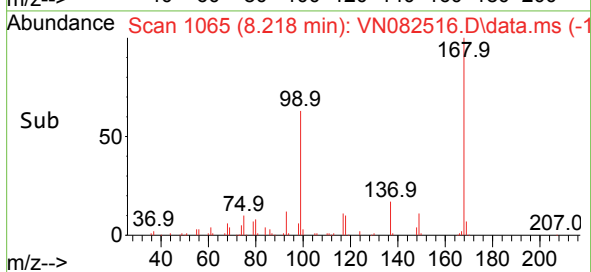
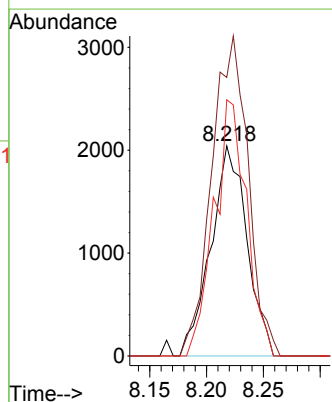
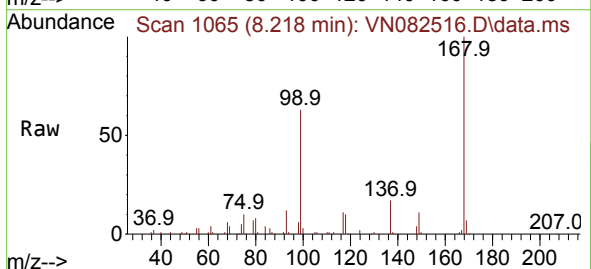
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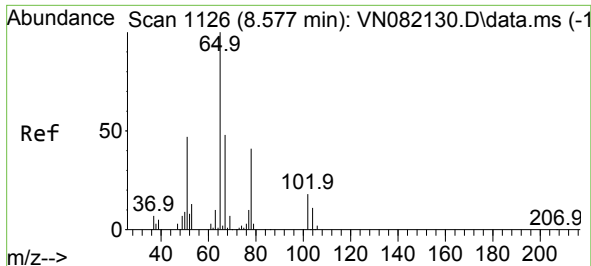
Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.202 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Tgt Ion: 56 Resp: 4512
Ion Ratio Lower Upper
56 100
69 132.6 24.4 36.6#
84 121.9 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 53.766 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

Instrument :

MSVOA_N

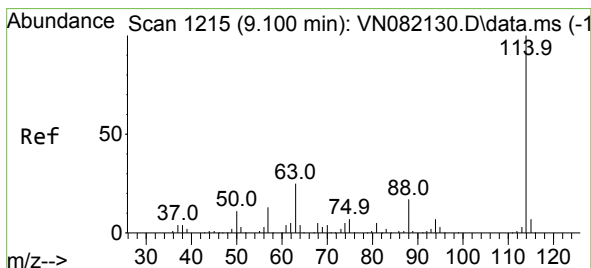
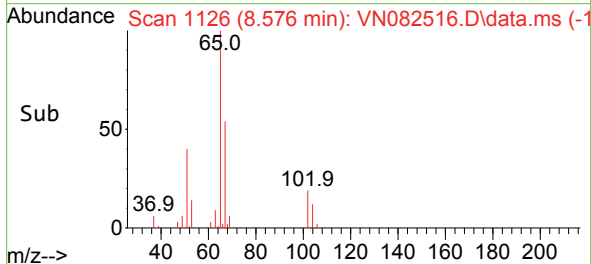
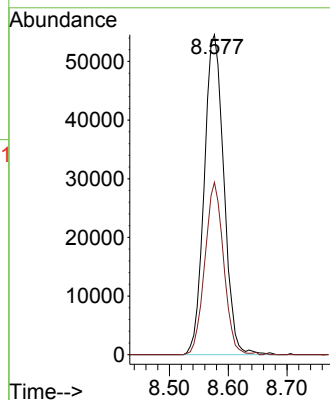
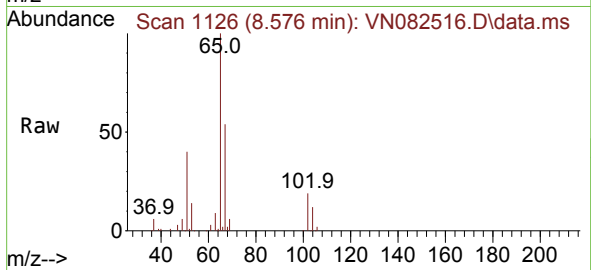
ClientSampleId :

Tgt Ion: 65 Resp: 126352

Ion Ratio Lower Upper

65 100

67 51.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

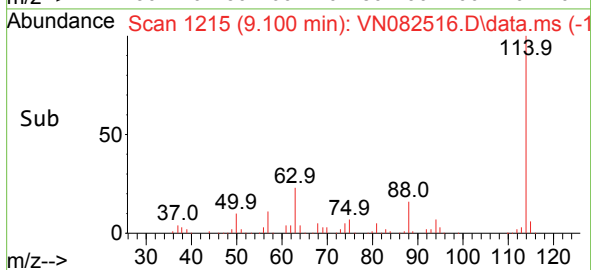
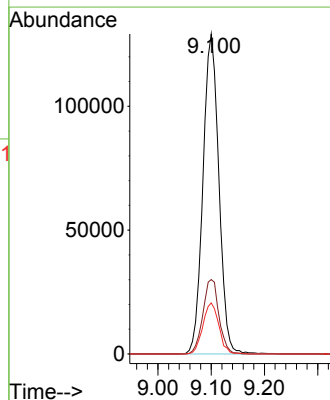
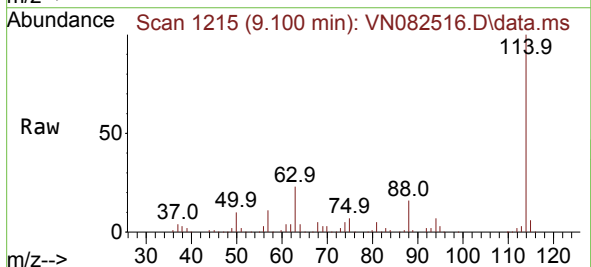
Tgt Ion: 114 Resp: 267849

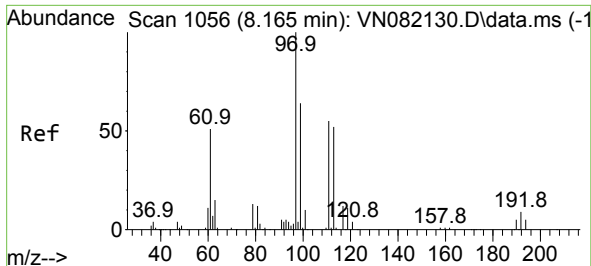
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.0

88 15.9 0.0 31.4

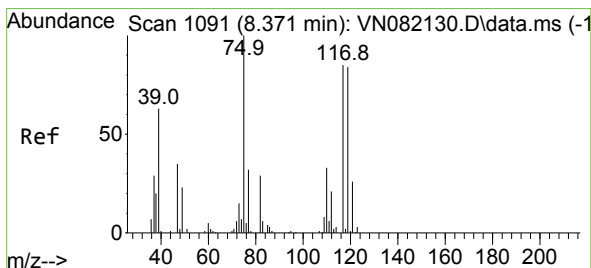
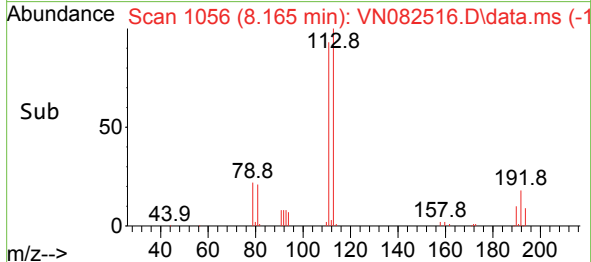
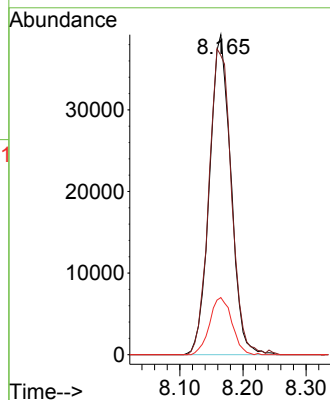
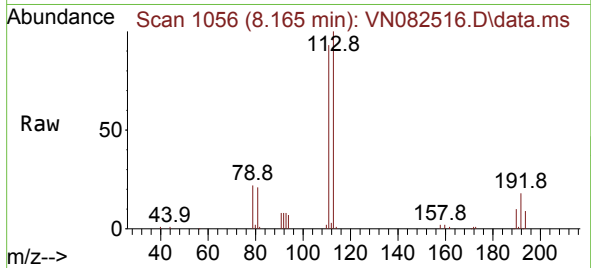




#35
Dibromofluoromethane
Concen: 55.918 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

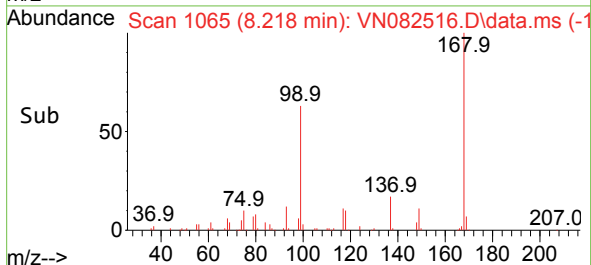
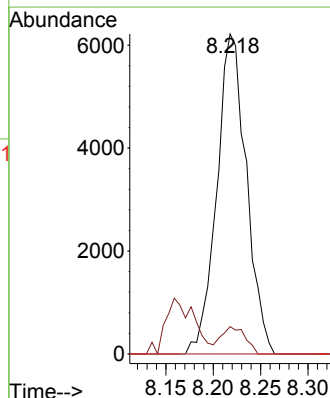
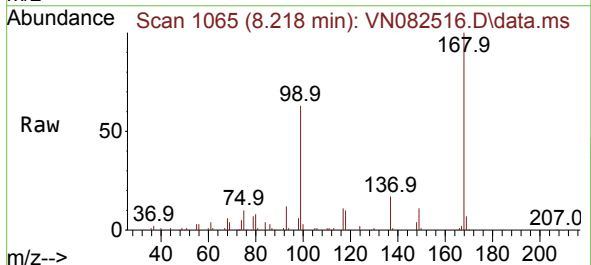
Instrument :
MSVOA_N
ClientSampleId :

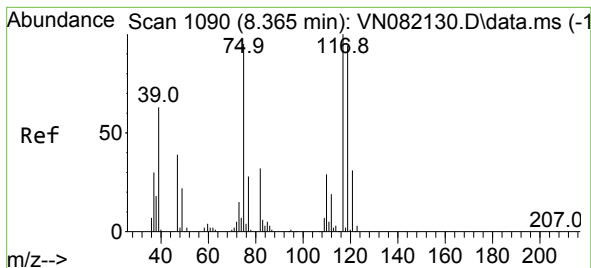
Tgt Ion:113 Resp: 92136
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.2
192 18.7 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Tgt Ion: 75 Resp: 13510
Ion Ratio Lower Upper
75 100
110 6.9 17.8 53.5#
77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 5.761 ug/l

RT: 8.224 min Scan# 1

Delta R.T. -0.141 min

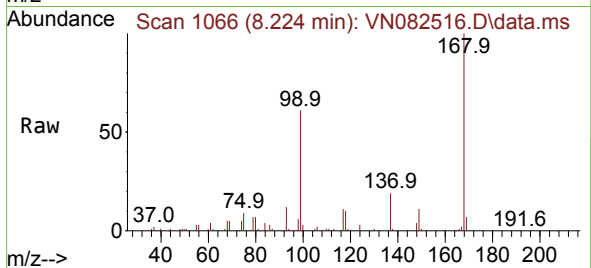
Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

Instrument :

MSVOA_N

ClientSampleId :



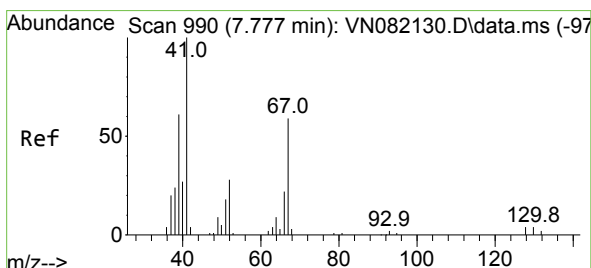
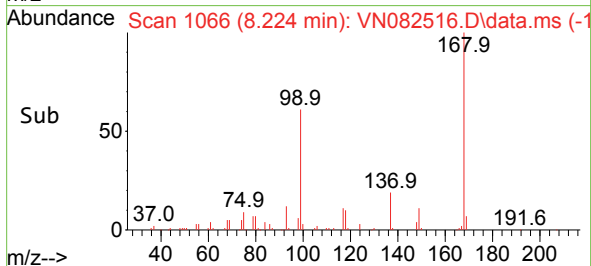
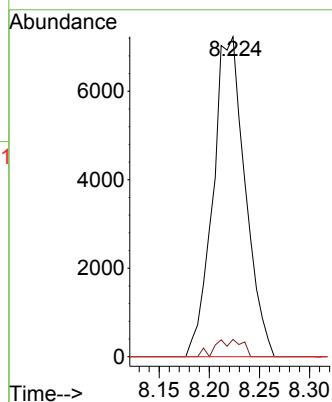
Tgt Ion:117 Resp: 16137

Ion Ratio Lower Upper

117 100

119 5.4 76.5 114.7#

121 0.0 23.9 35.9#



#41

Methacrylonitrile

Concen: 0.296 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.076 min

Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

Tgt Ion: 41 Resp: 539

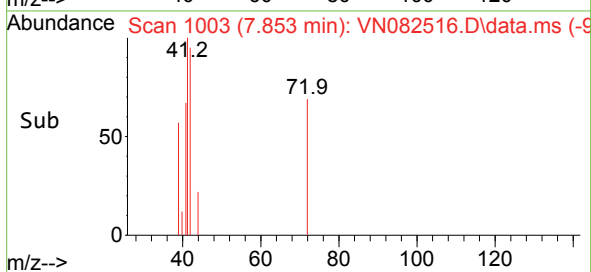
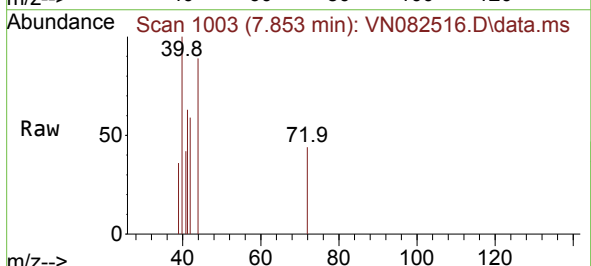
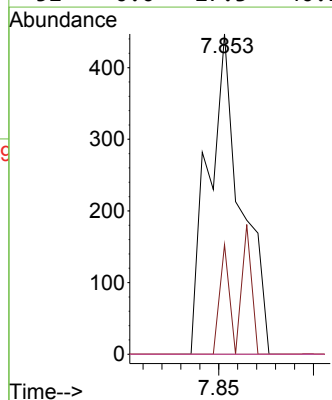
Ion Ratio Lower Upper

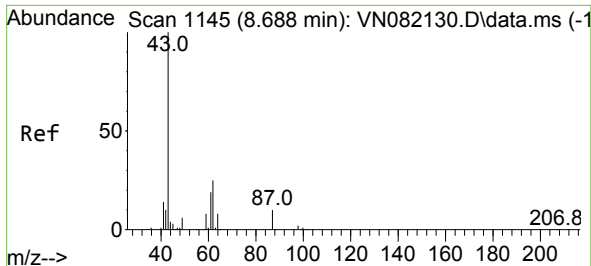
41 100

39 10.0 46.6 69.8#

67 0.0 67.3 100.9#

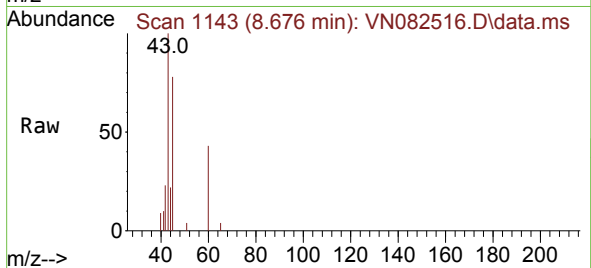
52 0.0 27.3 40.9#



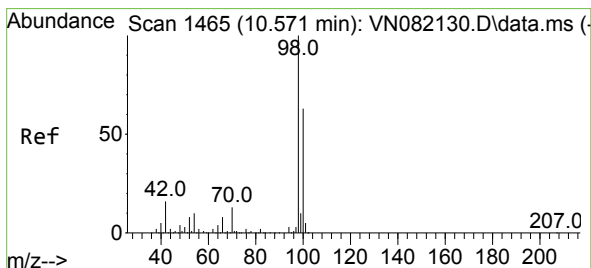
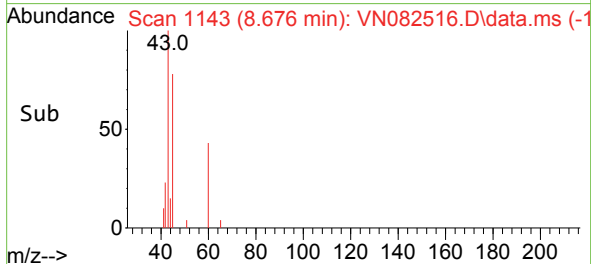
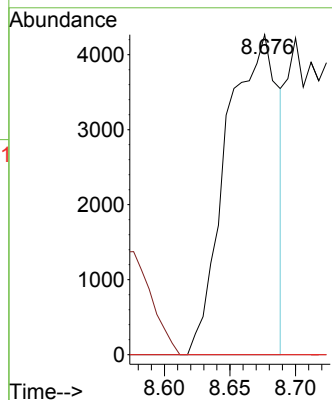


#43
Isopropyl Acetate
Concen: 2.132 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

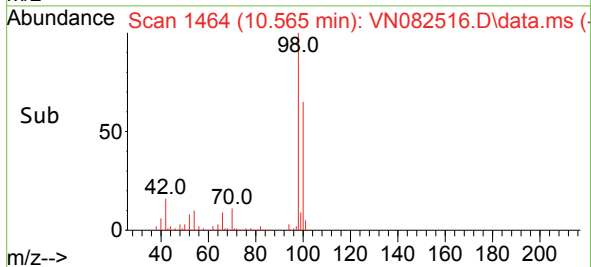
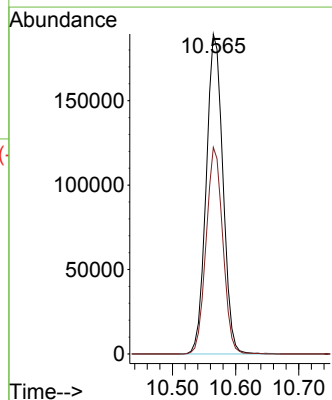
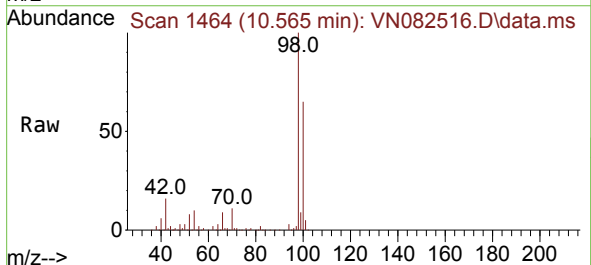


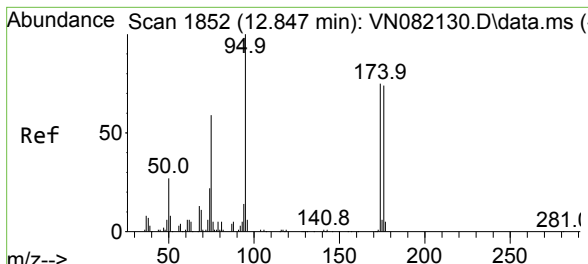
Tgt Ion: 43 Resp: 11684
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 55.088 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Tgt Ion: 98 Resp: 347997
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

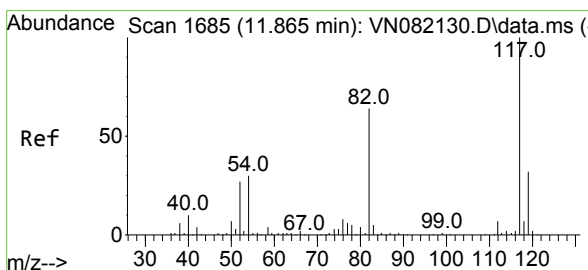
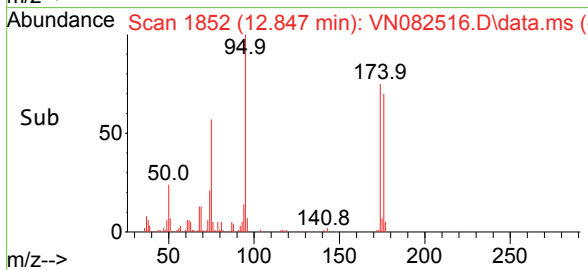
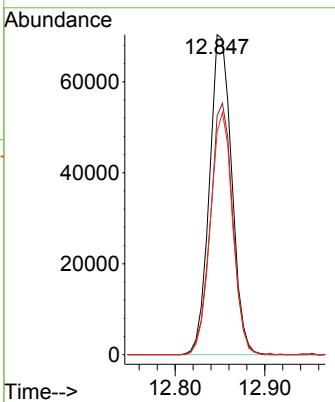
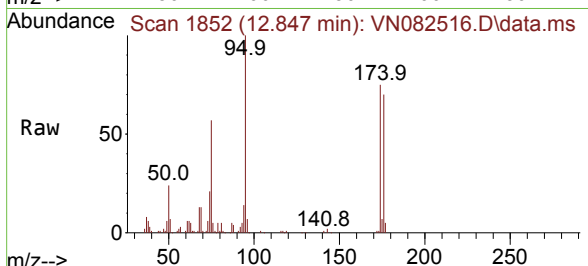




#62
 4-Bromofluorobenzene
 Concen: 53.800 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN082516.D
 Acq: 10 Jun 2024 15:55

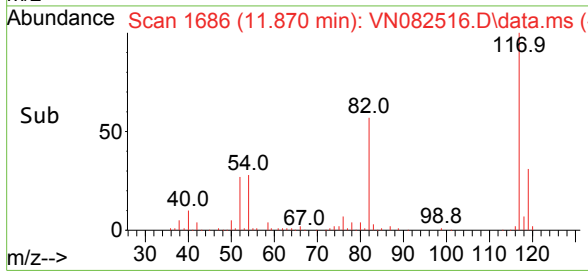
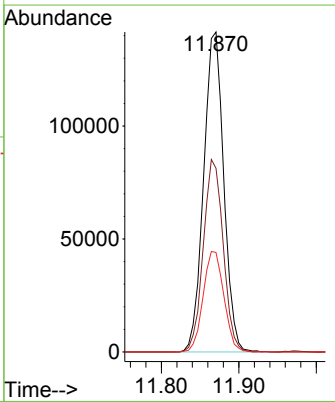
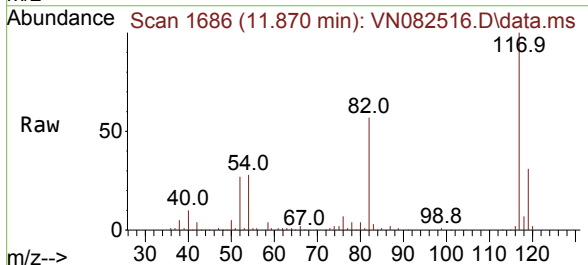
Instrument :
 MSVOA_N
 ClientSampleId :

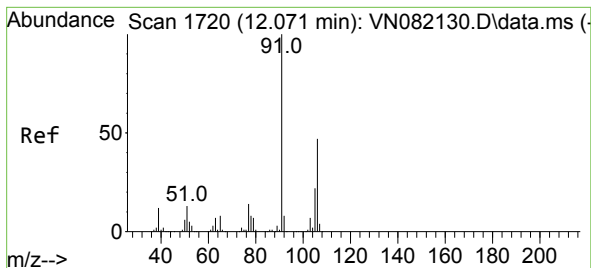
Tgt Ion:	95	Resp:	121305
Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	160.6
176	75.6	0.0	152.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.870 min Scan# 1686
 Delta R.T. 0.006 min
 Lab File: VN082516.D
 Acq: 10 Jun 2024 15:55

Tgt Ion:	117	Resp:	255517
Ion	Ratio	Lower	Upper
117	100		
82	57.4	44.6	66.8
119	31.1	25.9	38.9

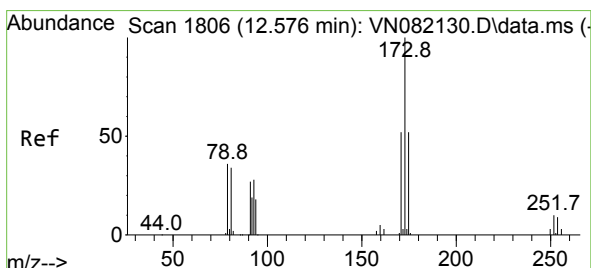
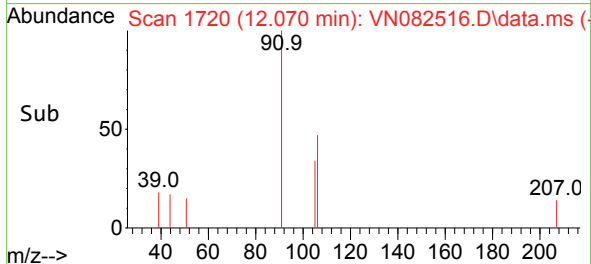
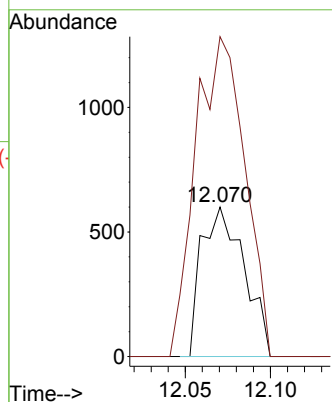
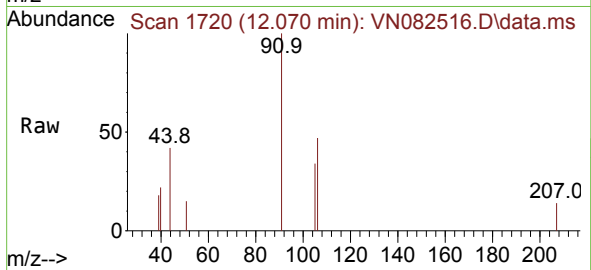




#68
m/p-Xylenes
Concen: 0.282 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

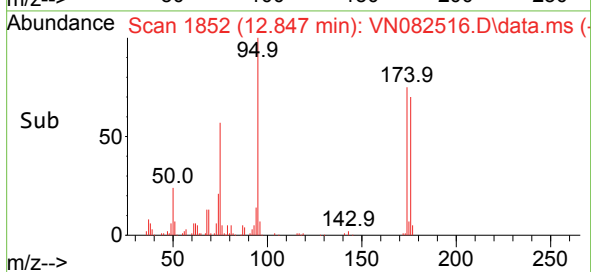
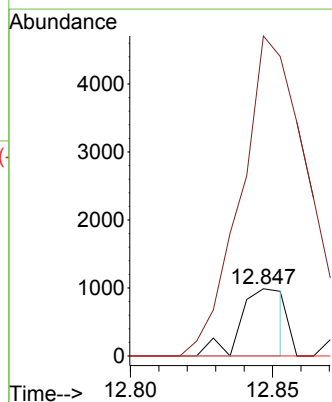
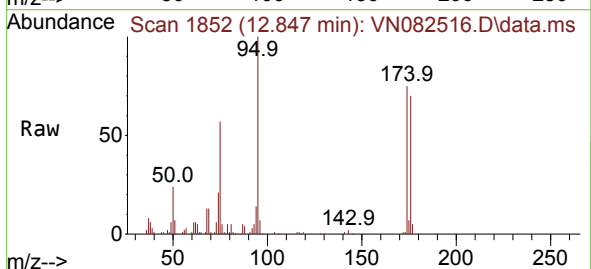
Instrument :
MSVOA_N
ClientSampleId :

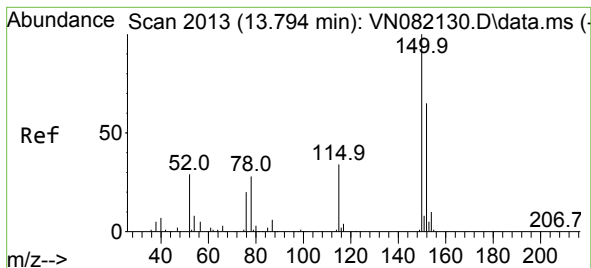
Tgt Ion:106 Resp: 1044
Ion Ratio Lower Upper
106 100
91 247.3 159.4 239.0#



#71
Bromoform
Concen: 1.414 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

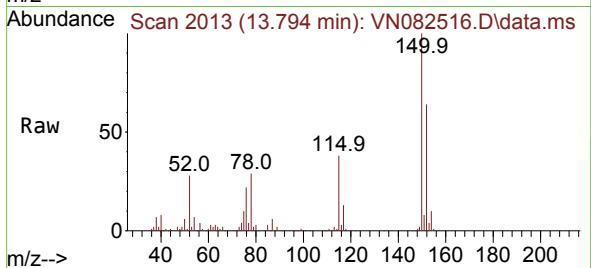
Tgt Ion:173 Resp: 1070
Ion Ratio Lower Upper
173 100
175 477.0 24.6 74.0#
254 0.0 0.0 0.0



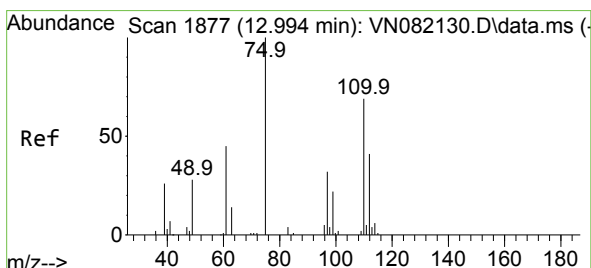
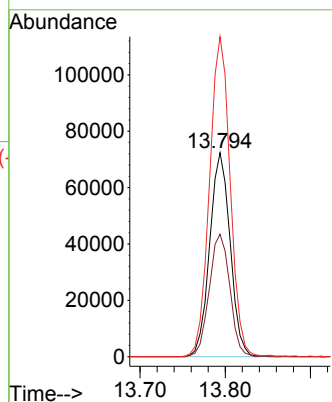
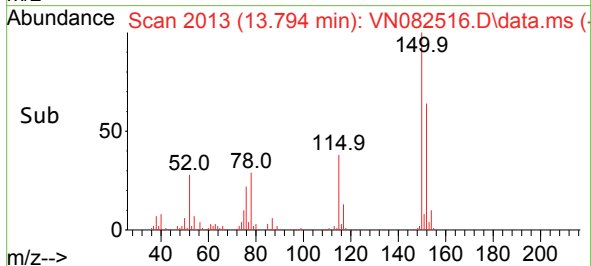


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Instrument :
MSVOA_N
ClientSampleId :

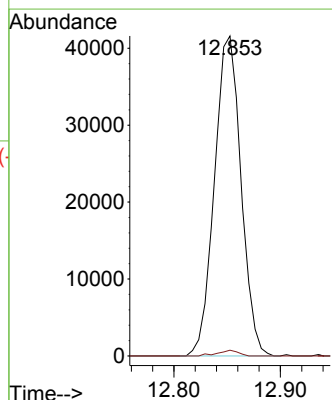
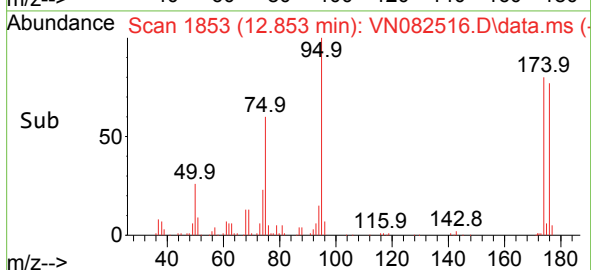
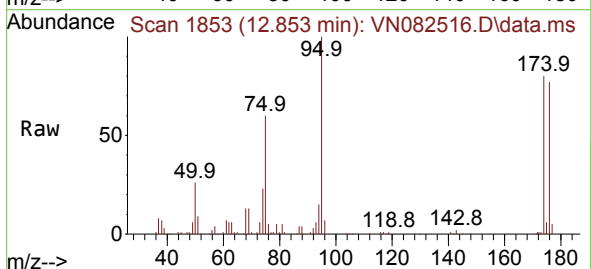


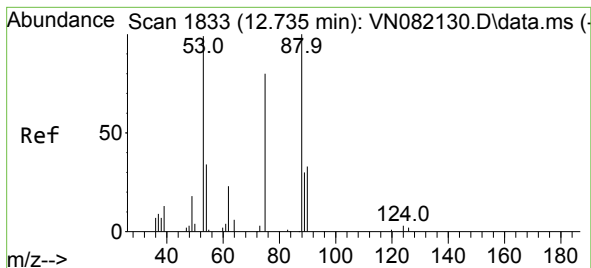
Tgt Ion:152 Resp: 120544
Ion Ratio Lower Upper
152 100
115 60.5 30.4 91.3
150 158.7 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 28.394 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

Tgt Ion: 75 Resp: 72040
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#

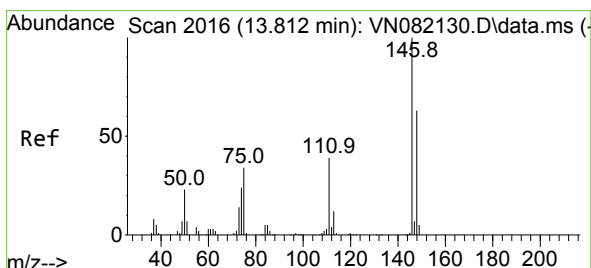
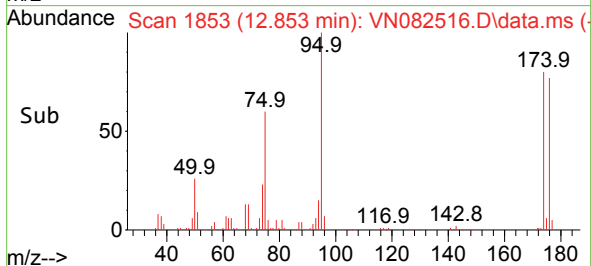
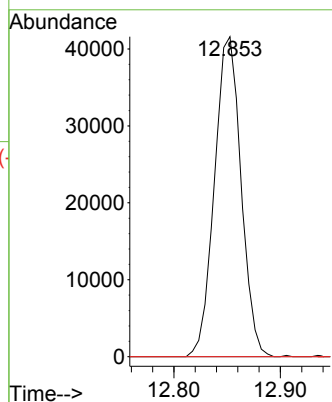
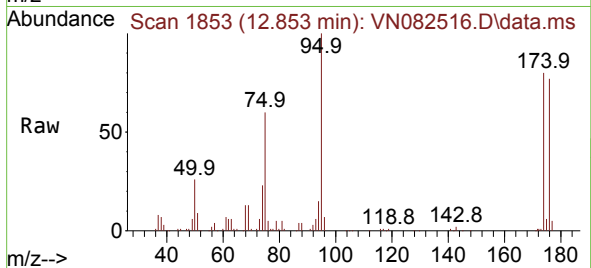




#81
trans-1,4-Dichloro-2-butene
Concen: 66.412 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.117 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

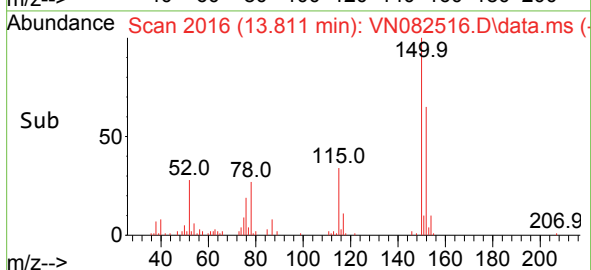
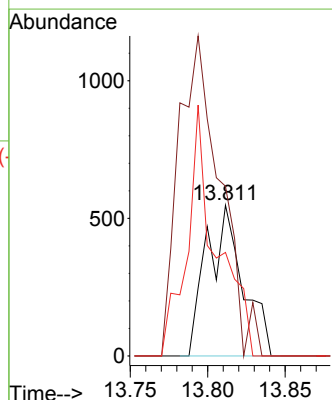
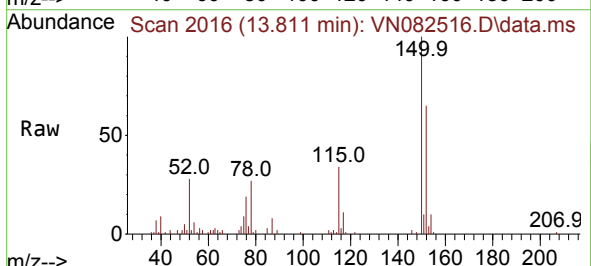
Instrument :
MSVOA_N
ClientSampleId :

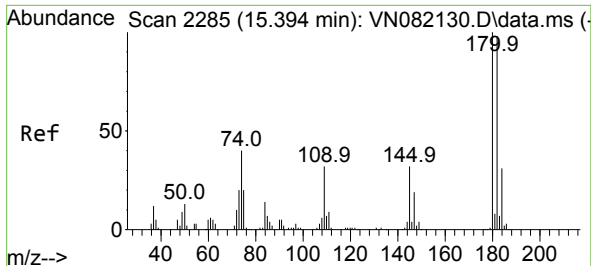
Tgt Ion: 75 Resp: 72040
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#



#88
1,4-Dichlorobenzene
Concen: 0.212 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

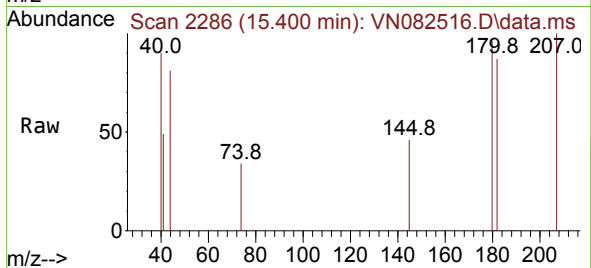
Tgt Ion:146 Resp: 893
Ion Ratio Lower Upper
146 100
111 242.0 19.3 57.9#
148 134.4 31.3 93.9#



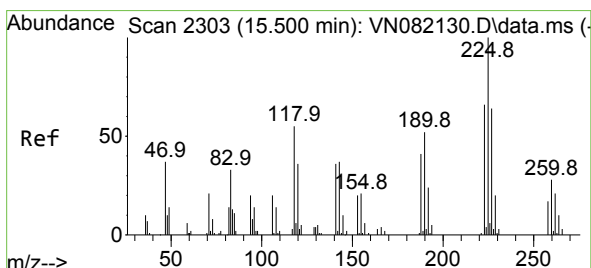
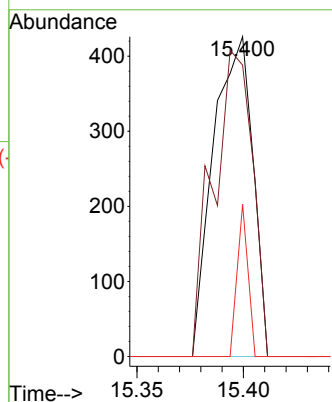
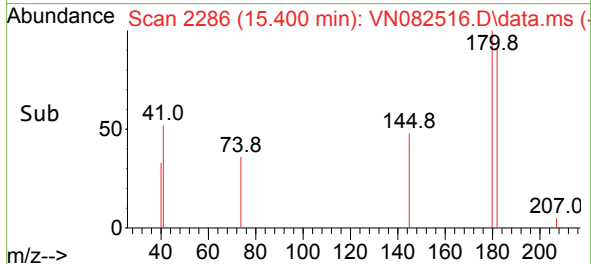


#93
1,2,4-Trichlorobenzene
Concen: 0.249 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55

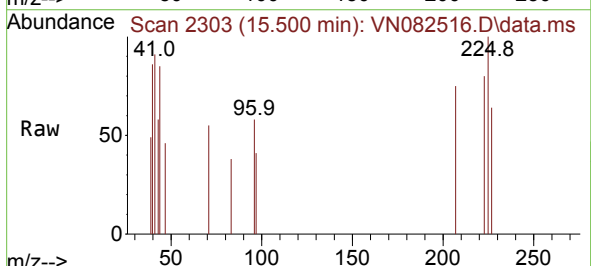
Instrument :
MSVOA_N
ClientSampleId :



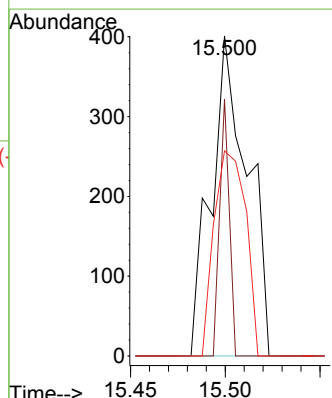
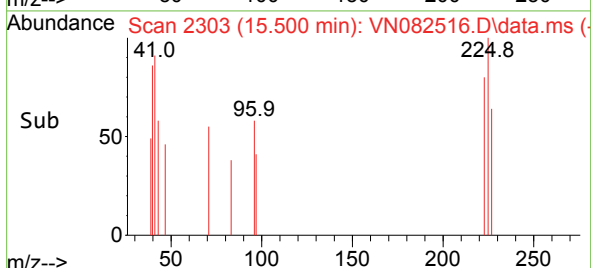
Tgt Ion:180 Resp: 547
Ion Ratio Lower Upper
180 100
182 96.0 46.7 140.0
145 13.2 16.2 48.6#

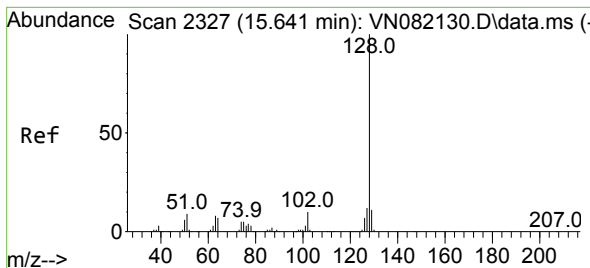


#94
Hexachlorobutadiene
Concen: 0.556 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN082516.D
Acq: 10 Jun 2024 15:55



Tgt Ion:225 Resp: 535
Ion Ratio Lower Upper
225 100
223 21.3 31.1 93.2#
227 55.9 30.6 91.6





#95

Naphthalene

Concen: 0.338 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

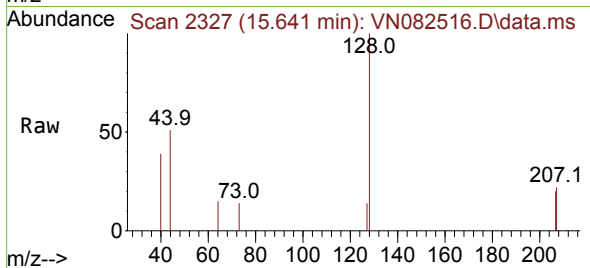
Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

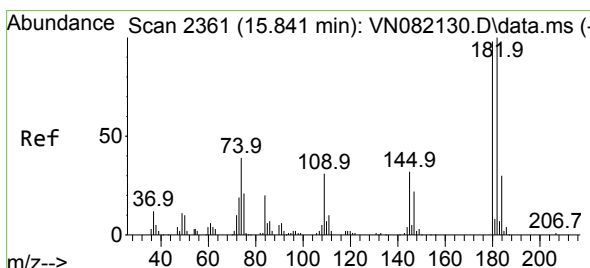
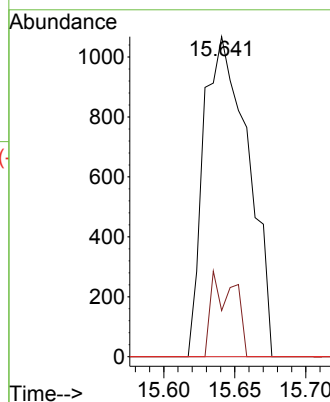
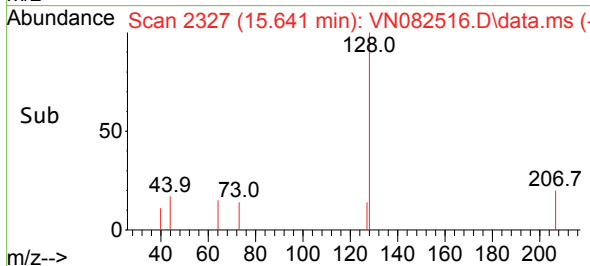
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	128	Resp:	2322
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.1	15.1
129	0.0	8.9	13.3#



#96

1,2,3-Trichlorobenzene

Concen: 0.400 ug/l

RT: 15.852 min Scan# 2363

Delta R.T. 0.012 min

Lab File: VN082516.D

Acq: 10 Jun 2024 15:55

Tgt Ion:	180	Resp:	878
Ion Ratio	Lower	Upper	
180	100		
182	39.7	46.0	137.8#
145	17.0	17.1	51.3#

