

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
 Data File : VN082692.D
 Acq On : 24 Jun 2024 10:33
 Operator : JC\MD
 Sample : VN0624MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 25 02:24:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

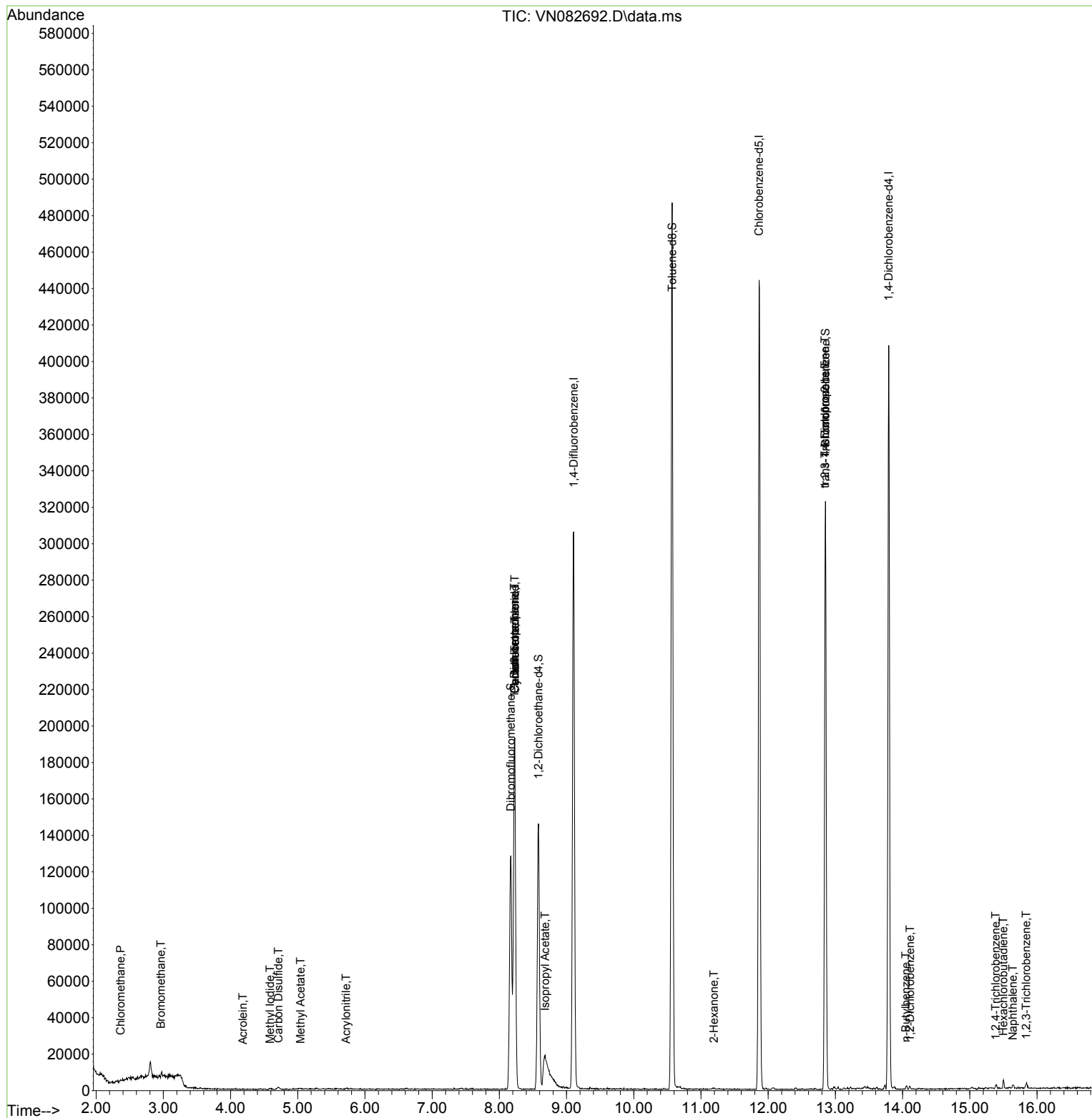
Internal Standards						
1) Pentafluorobenzene	8.230	168	137889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	248645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	239986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	102367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119555	54.067	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.140%
35) Dibromofluoromethane	8.171	113	89802	53.239	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.480%
50) Toluene-d8	10.571	98	317626	49.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.853	95	103924	47.256	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	94.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	796	0.345	ug/l #	43
5) Bromomethane	2.965	94	1347	0.952	ug/l #	70
10) Methyl Iodide	4.589	142	509	0.333	ug/l #	75
13) Acrolein	4.183	56	129	0.350	ug/l #	70
15) Acrylonitrile	5.718	53	577	0.604	ug/l #	75
17) Carbon Disulfide	4.712	76	2429	0.498	ug/l #	75
18) Methyl Acetate	5.042	43	633	0.257	ug/l #	56
31) Cyclohexane	8.230	56	3985	1.249	ug/l #	40
36) 1,1-Dichloropropene	8.224	75	13175	5.225	ug/l #	49
38) Carbon Tetrachloride	8.230	117	14597	5.137	ug/l #	17
43) Isopropyl Acetate	8.682	43	40331	6.719	ug/l #	60
59) 2-Hexanone	11.194	43	573	0.245	ug/l #	47
76) 1,2,3-Trichloropropane	12.847	75	59122	23.613	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59122	56.493	ug/l #	6
89) n-Butylbenzene	14.047	91	1320	0.242	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	752	0.212	ug/l #	66
93) 1,2,4-Trichlorobenzene	15.388	180	1091	0.584	ug/l #	76
94) Hexachlorobutadiene	15.500	225	1102	1.197	ug/l	70
95) Naphthalene	15.641	128	2954	0.514	ug/l #	84
96) 1,2,3-Trichlorobenzene	15.841	180	1133	0.595	ug/l #	75

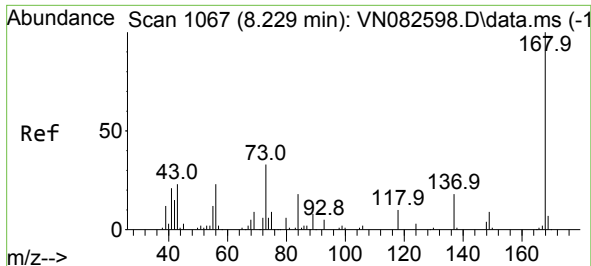
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062424\
Data File : VN082692.D
Acq On : 24 Jun 2024 10:33
Operator : JC\MD
Sample : VN0624MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

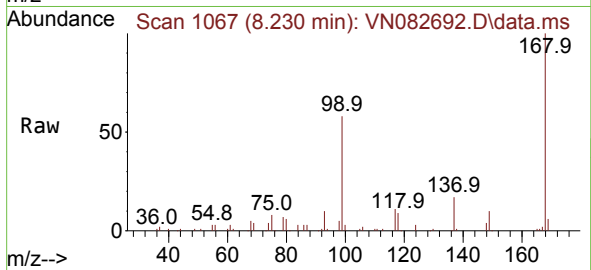
Quant Time: Jun 25 02:24:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
Response via : Initial Calibration



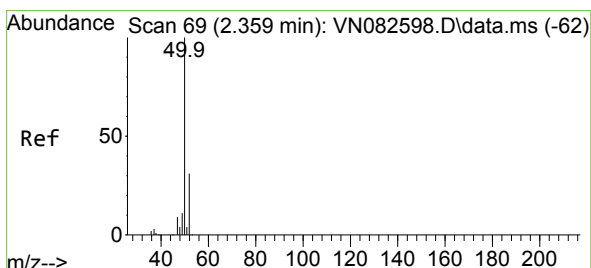
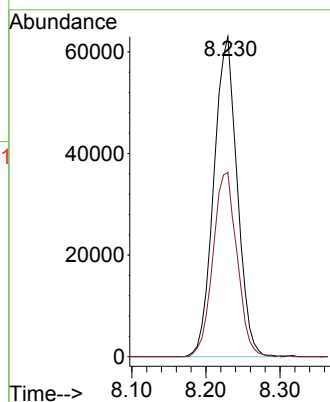
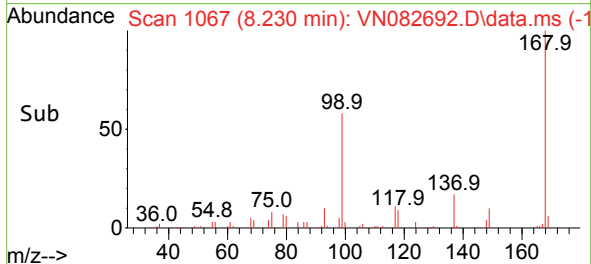


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

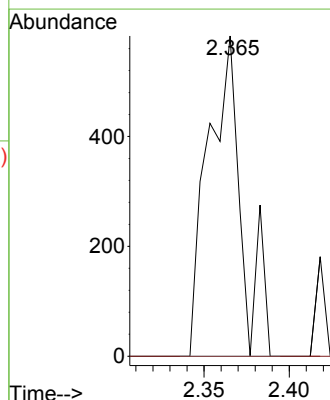
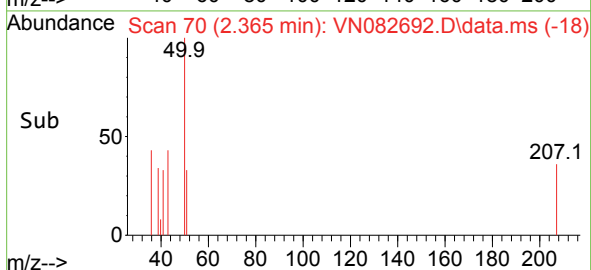
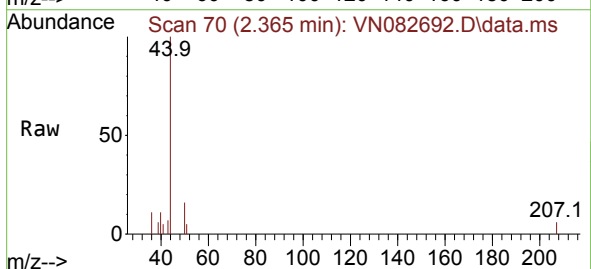


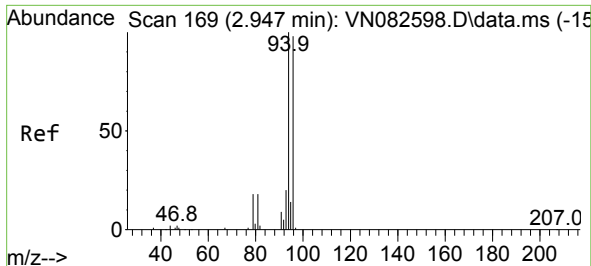
Tgt Ion:168 Resp: 137889
Ion Ratio Lower Upper
168 100
99 57.6 48.2 72.4



#3
Chloromethane
Concen: 0.345 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Tgt Ion: 50 Resp: 796
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

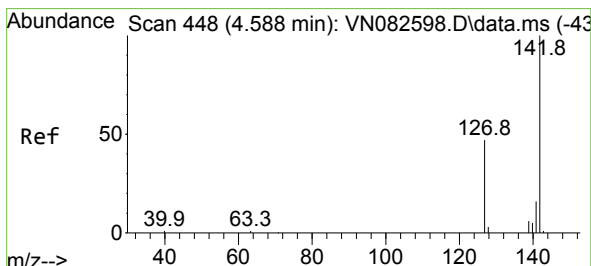
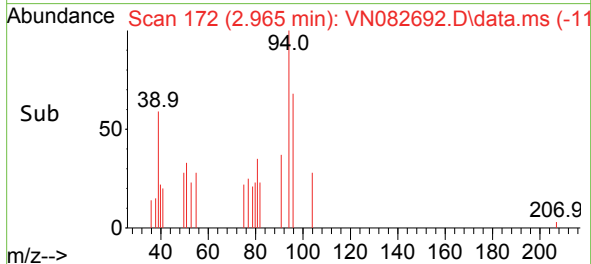
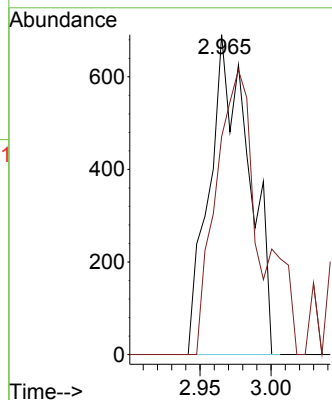
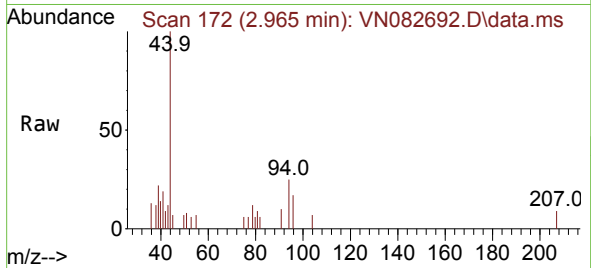




#5
Bromomethane
Concen: 0.952 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

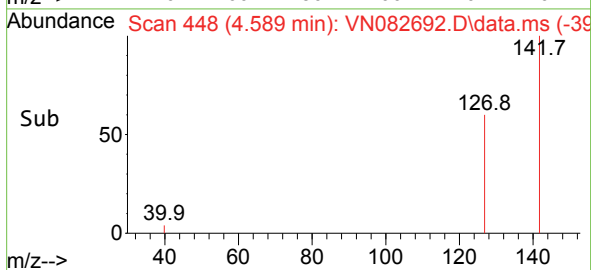
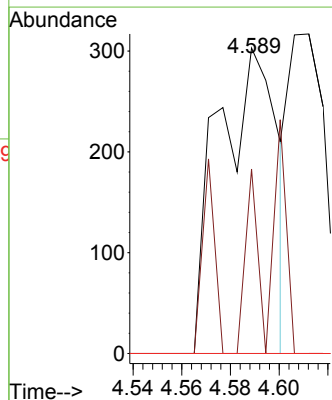
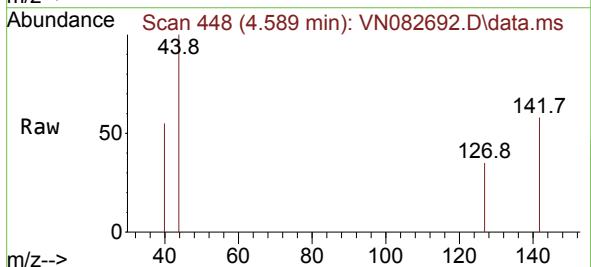
Instrument :
MSVOA_N
ClientSampleId :

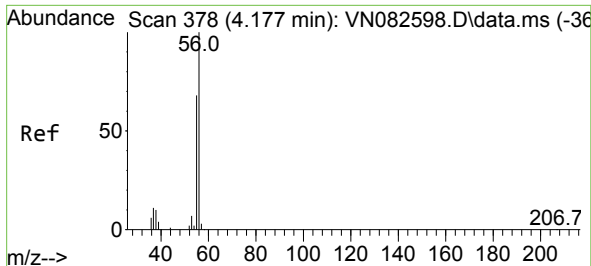
Tgt Ion: 94 Resp: 1347
Ion Ratio Lower Upper
94 100
96 68.2 78.0 117.0#



#10
Methyl Iodide
Concen: 0.333 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Tgt Ion:142 Resp: 509
Ion Ratio Lower Upper
142 100
127 60.4 37.5 56.3#
141 0.0 13.1 19.7#





#13

Acrolein

Concen: 0.350 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

Instrument :

MSVOA_N

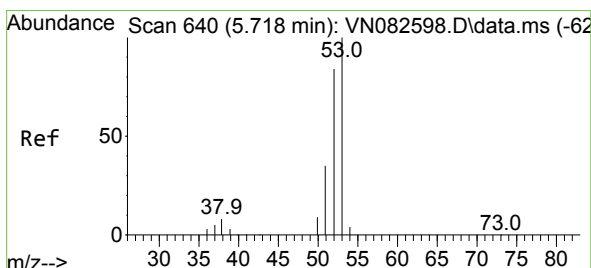
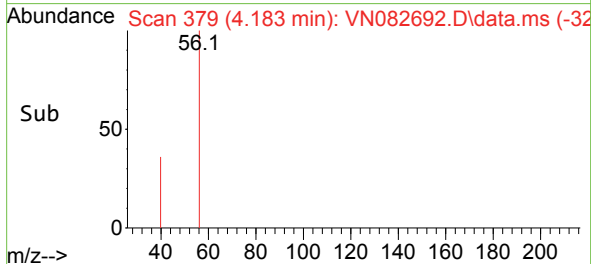
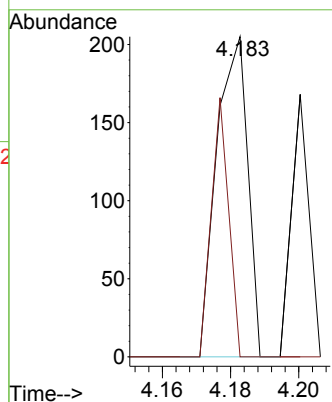
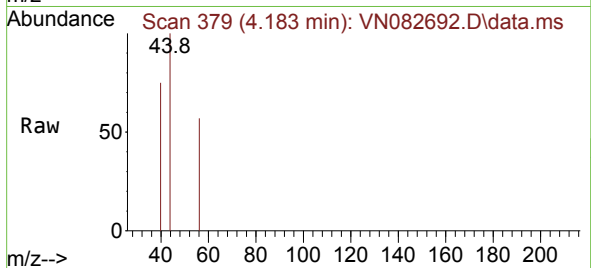
ClientSampleId :

Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 45.7 56.4 84.6#



#15

Acrylonitrile

Concen: 0.604 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

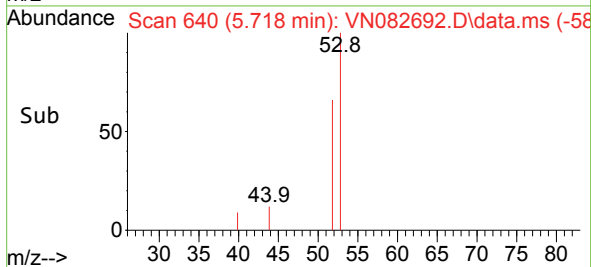
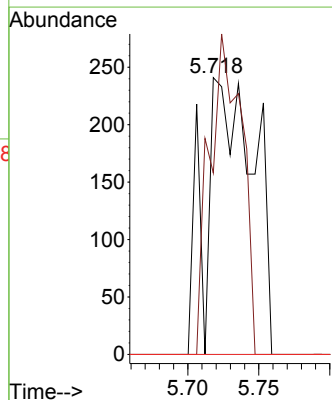
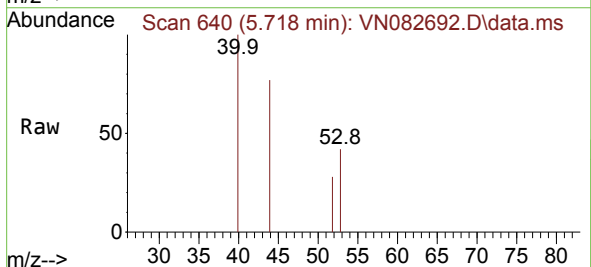
Tgt Ion: 53 Resp: 577

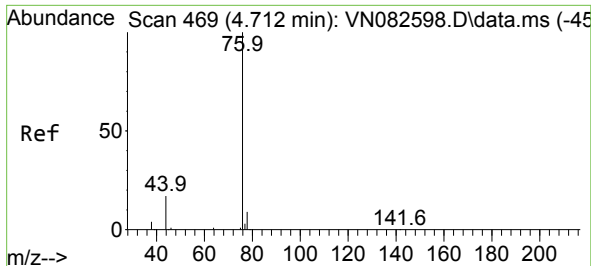
Ion Ratio Lower Upper

53 100

52 76.4 66.6 100.0

51 0.0 30.1 45.1#

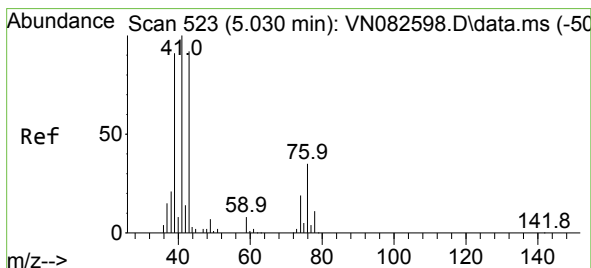
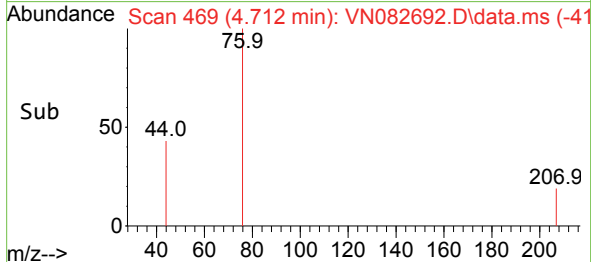
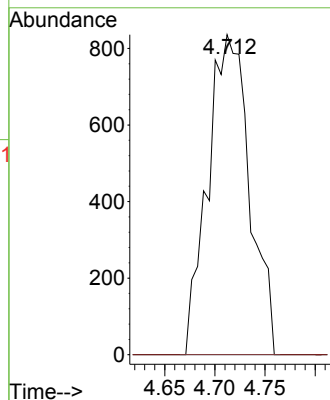
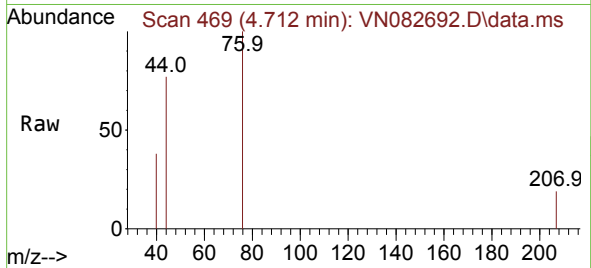




#17
Carbon Disulfide
Concen: 0.498 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

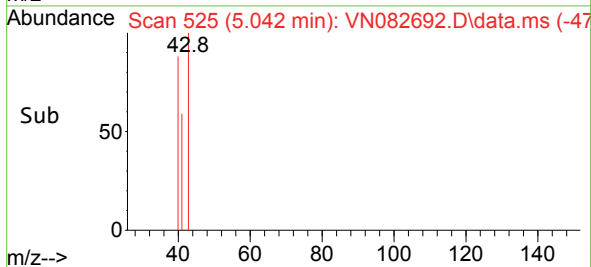
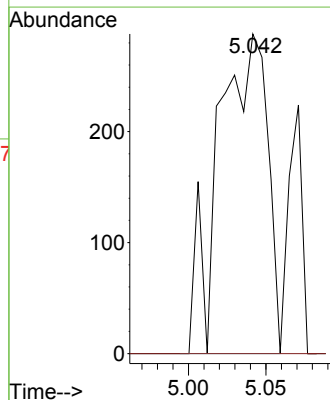
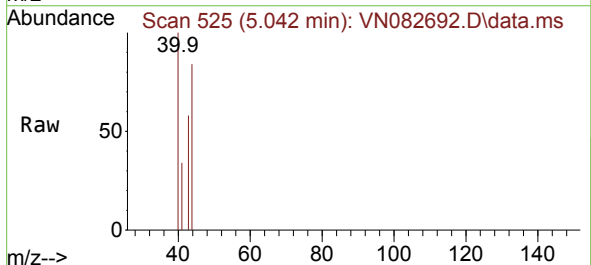
Instrument :
MSVOA_N
ClientSampleId :

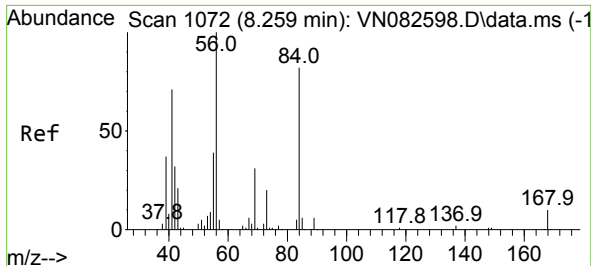
Tgt Ion: 76 Resp: 2429
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.257 ug/l
RT: 5.042 min Scan# 525
Delta R.T. 0.012 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

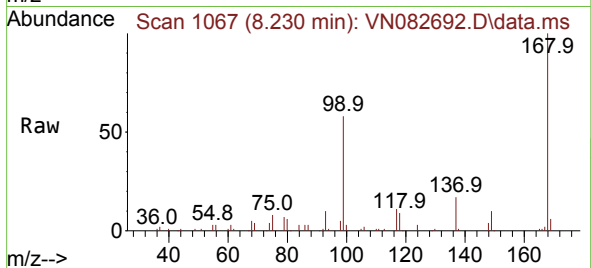
Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



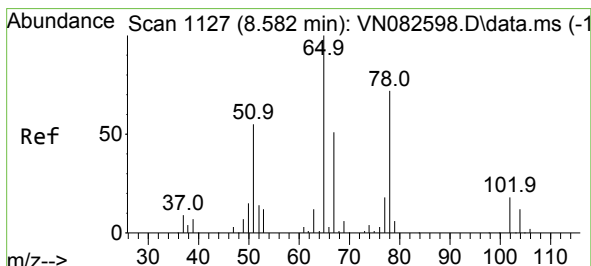
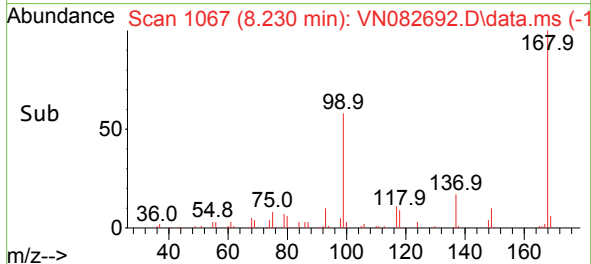
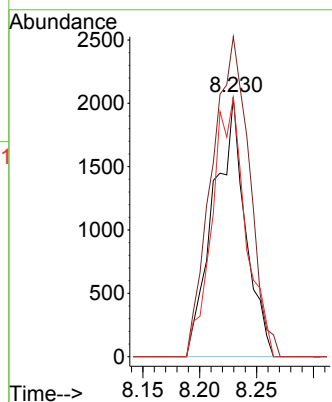


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

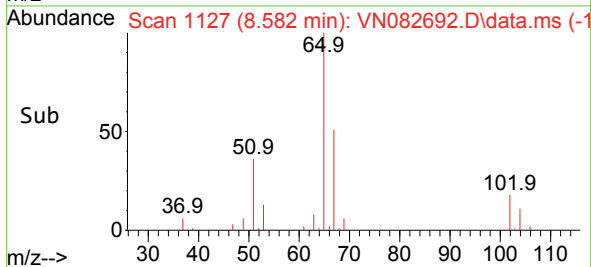
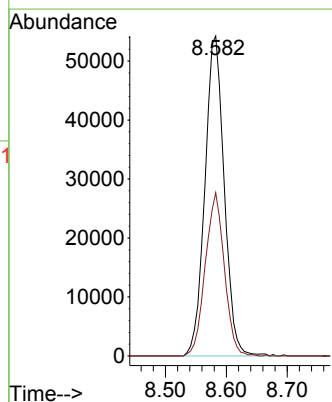
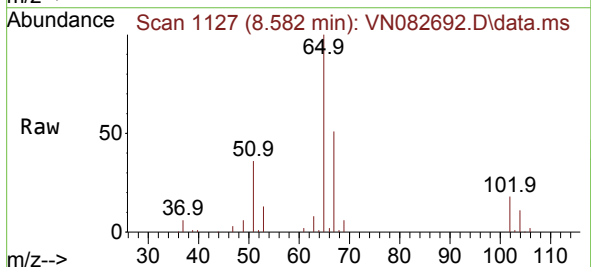


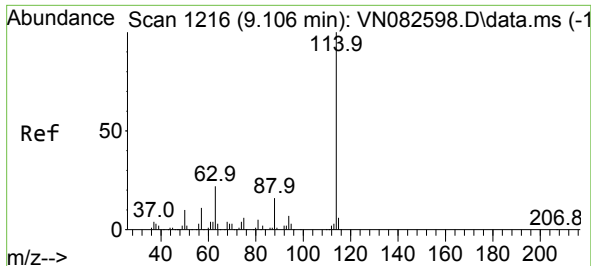
Tgt Ion: 56 Resp: 3985
Ion Ratio Lower Upper
56 100
69 123.2 24.5 36.7#
84 99.8 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 54.067 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

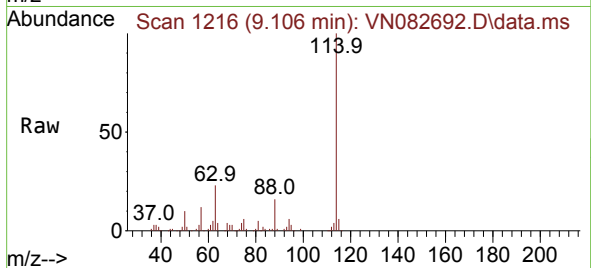
Tgt Ion: 65 Resp: 119555
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.4



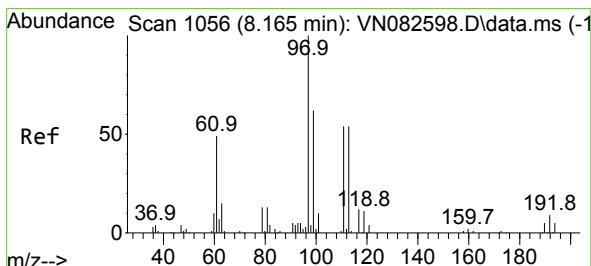
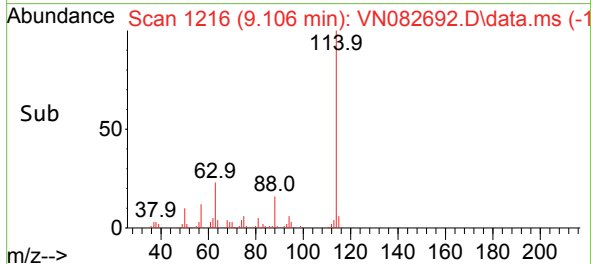
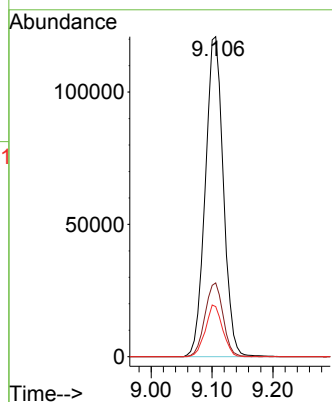


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

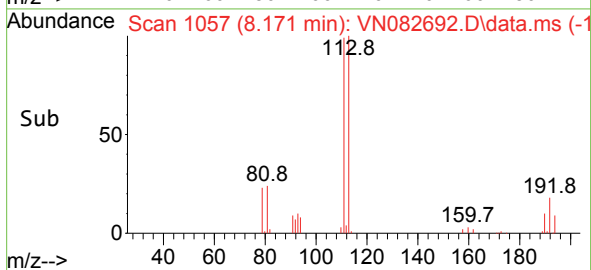
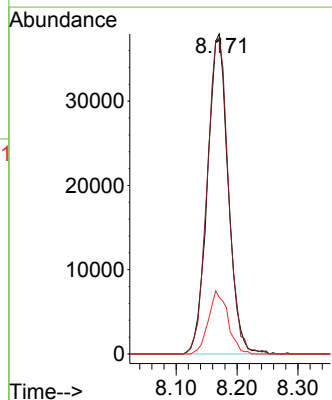
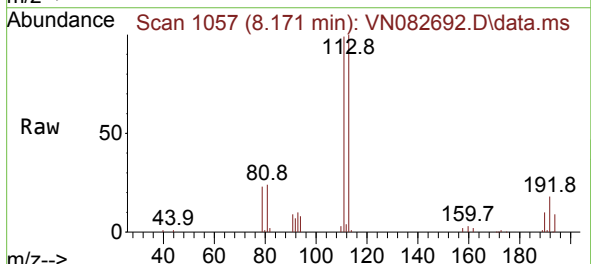


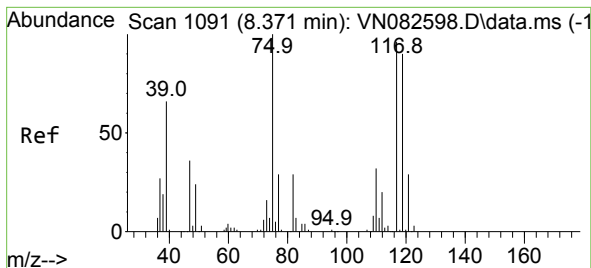
Tgt Ion:114 Resp: 248645
Ion Ratio Lower Upper
114 100
63 23.1 0.0 44.6
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 53.239 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Tgt Ion:113 Resp: 89802
Ion Ratio Lower Upper
113 100
111 101.2 82.4 123.6
192 18.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 5.225 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

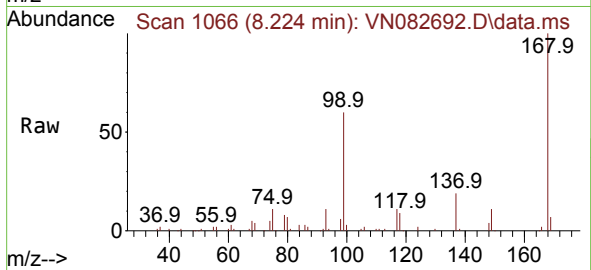
Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :



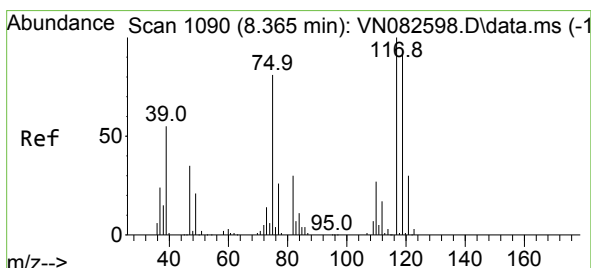
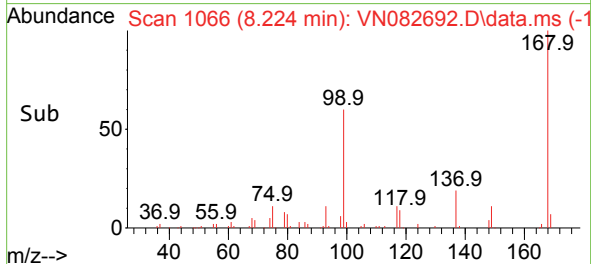
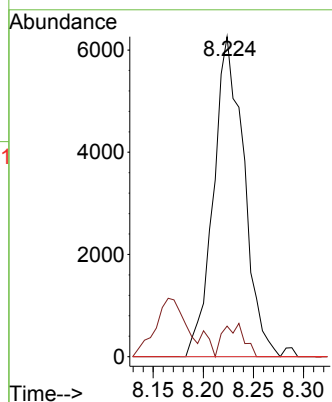
Tgt Ion: 75 Resp: 13175

Ion Ratio Lower Upper

75 100

110 7.2 16.3 48.9#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.137 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

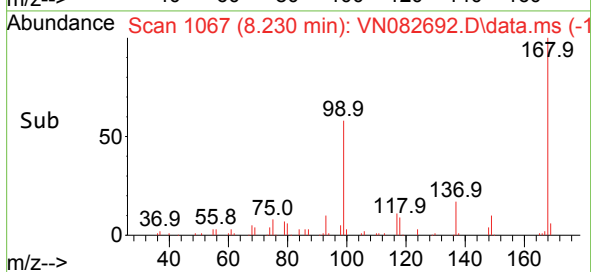
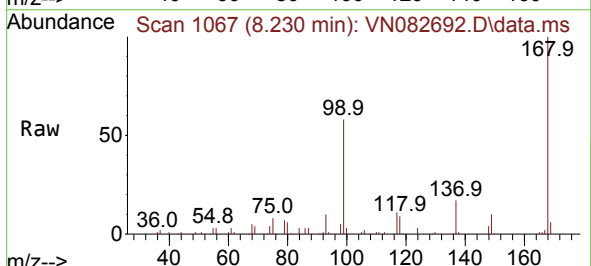
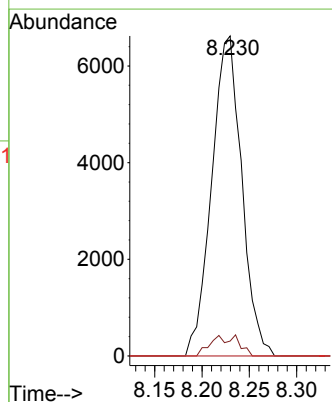
Tgt Ion: 117 Resp: 14597

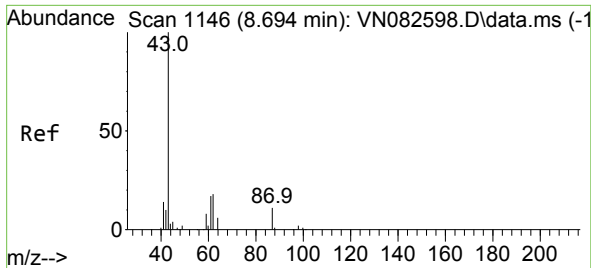
Ion Ratio Lower Upper

117 100

119 4.7 74.9 112.3#

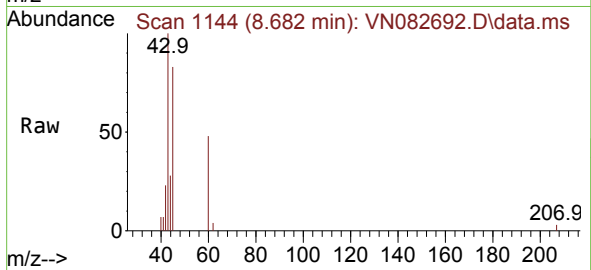
121 0.0 24.3 36.5#



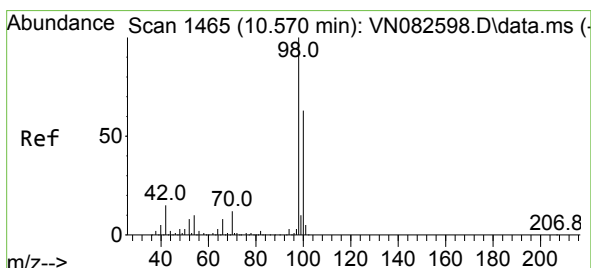
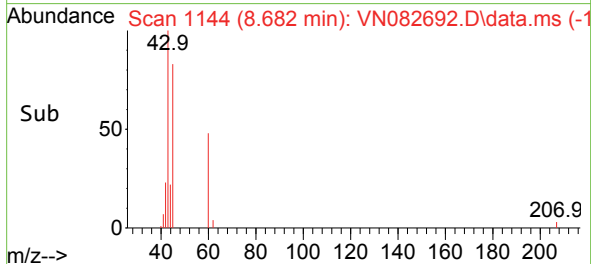
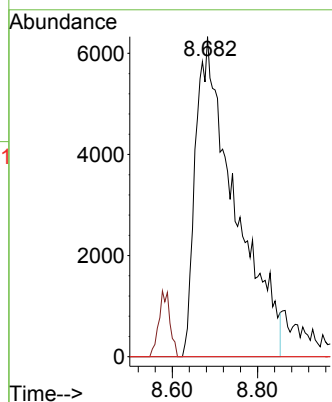


#43
Isopropyl Acetate
Concen: 6.719 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

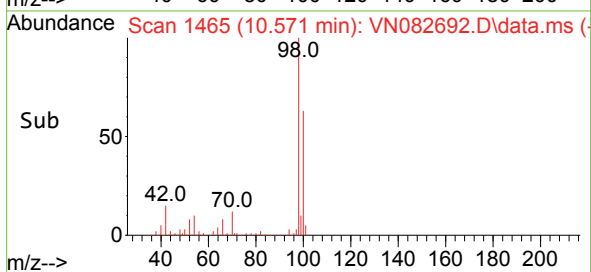
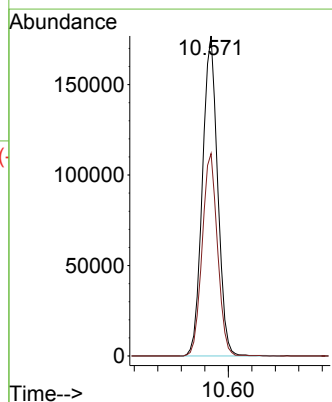
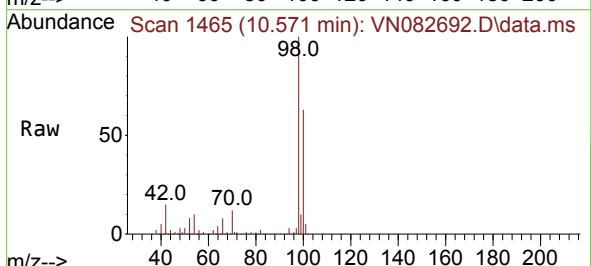


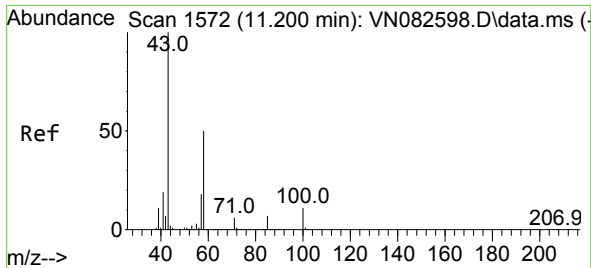
Tgt Ion: 43 Resp: 40331
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.794 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Tgt Ion: 98 Resp: 317626
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3

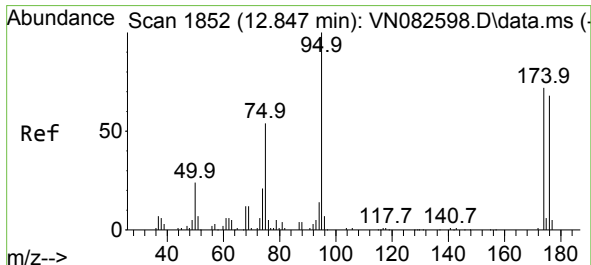
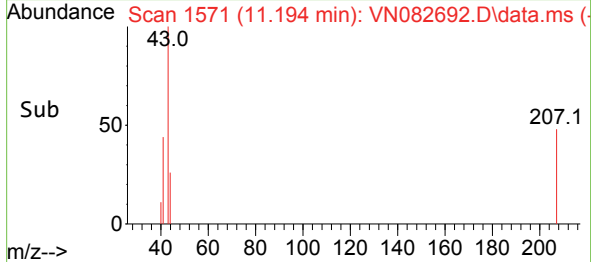
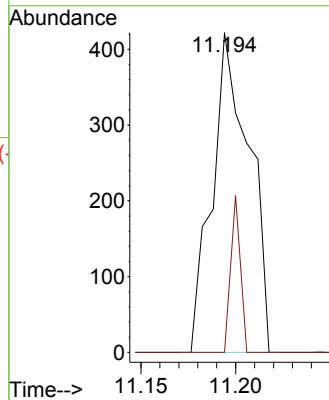
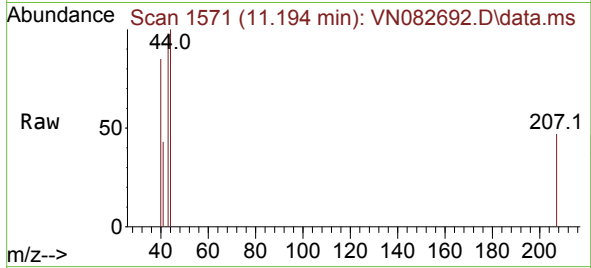




#59
2-Hexanone
Concen: 0.245 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.006 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

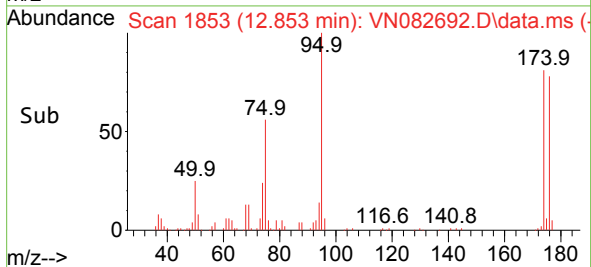
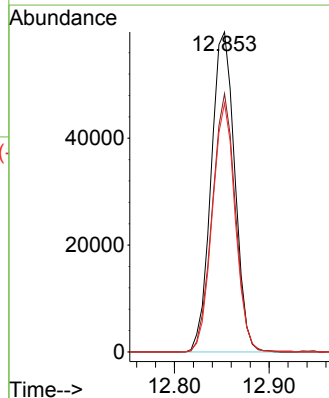
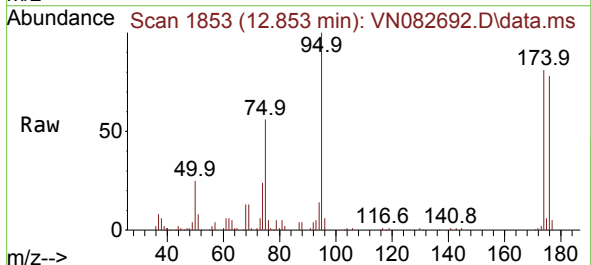
Instrument :
MSVOA_N
ClientSampleId :

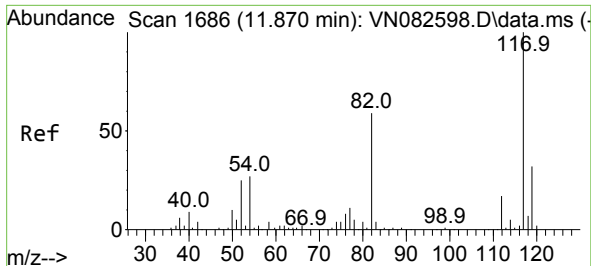
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 12.7 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 47.256 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

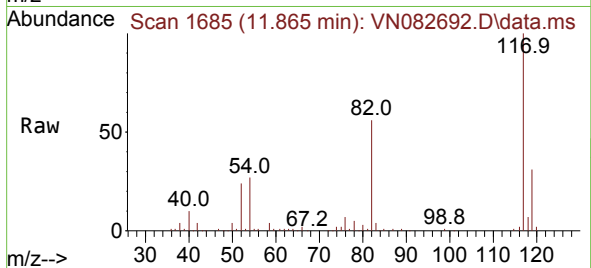
Tgt Ion: 95 Resp: 103924
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 75.3 0.0 147.6



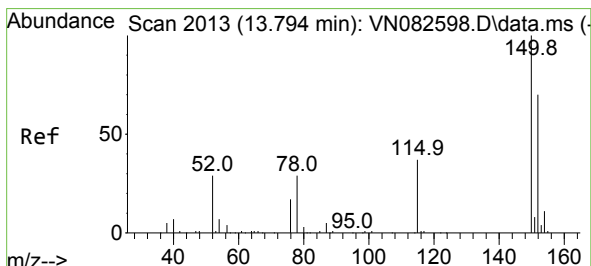
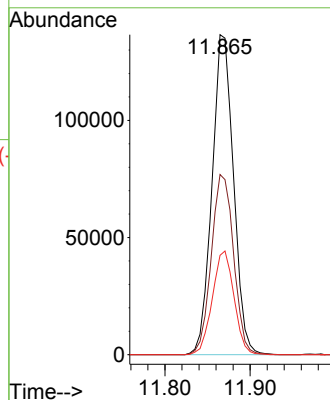
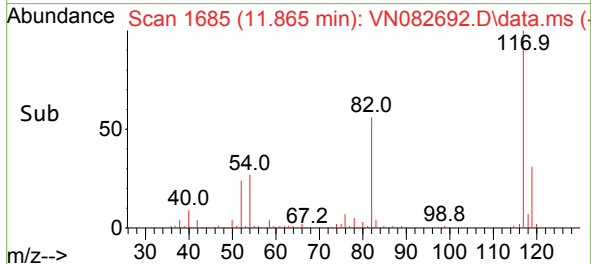


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Instrument :
MSVOA_N
ClientSampleId :

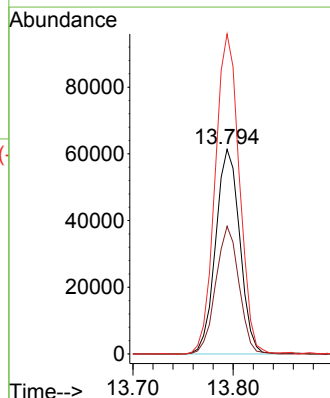
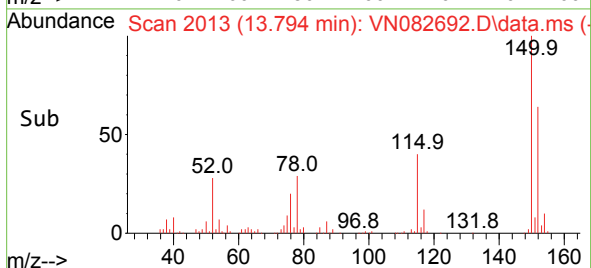
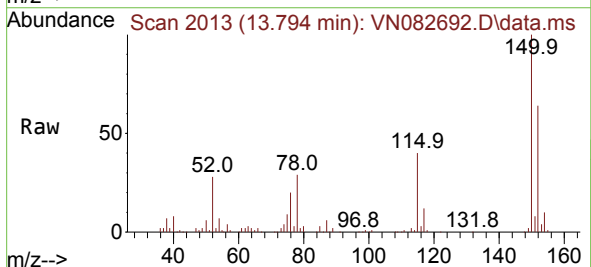


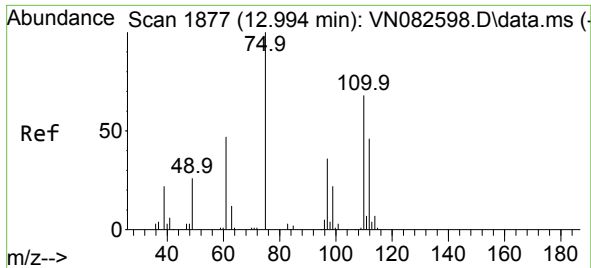
Tgt Ion:117 Resp: 239986
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 31.1 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Tgt Ion:152 Resp: 102367
Ion Ratio Lower Upper
152 100
115 60.2 30.6 91.6
150 157.1 0.0 348.6

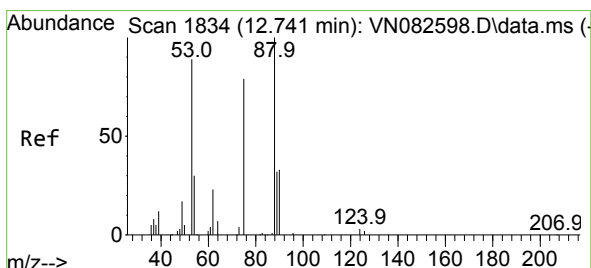
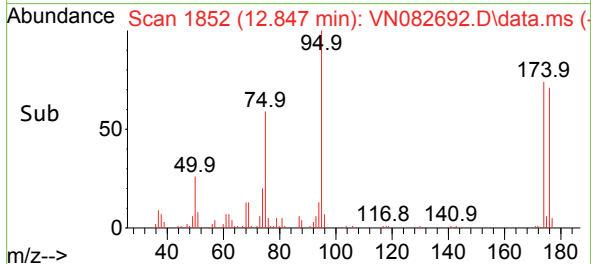
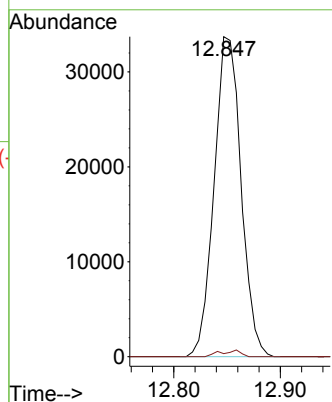
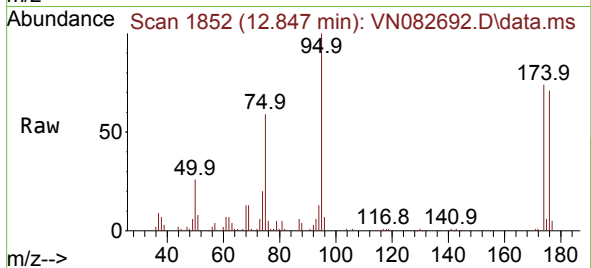




#76
1,2,3-Trichloropropane
Concen: 23.613 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

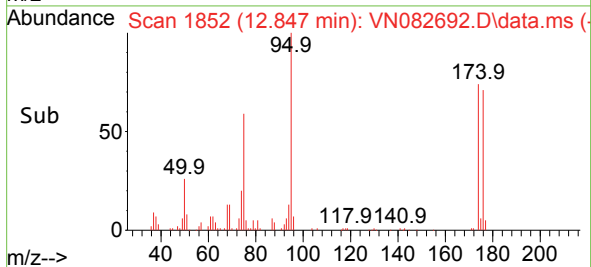
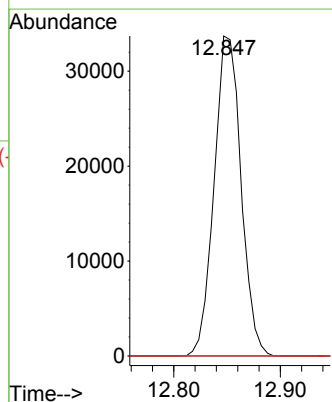
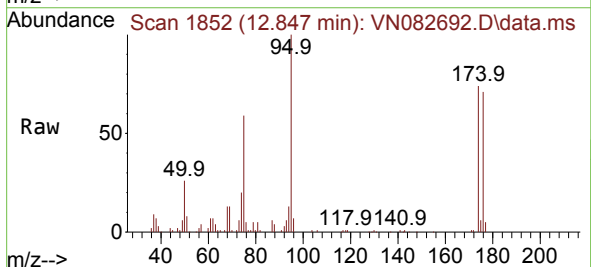
Instrument :
MSVOA_N
ClientSampleId :

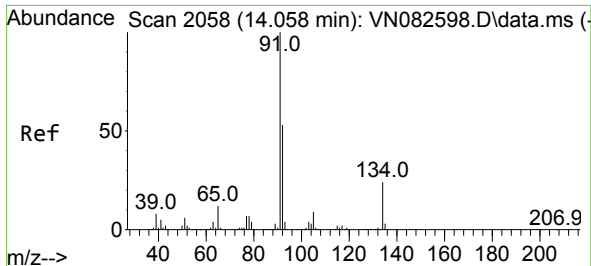
Tgt Ion: 75 Resp: 59122
Ion Ratio Lower Upper
75 100
77 1.5 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082692.D
Acq: 24 Jun 2024 10:33

Tgt Ion: 75 Resp: 59122
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#





#89

n-Butylbenzene

Concen: 0.242 ug/l

RT: 14.047 min Scan# 2056

Delta R.T. -0.012 min

Lab File: VN082692.D

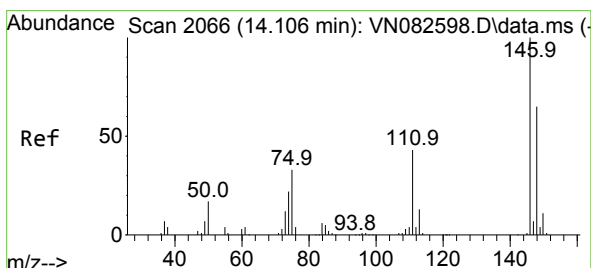
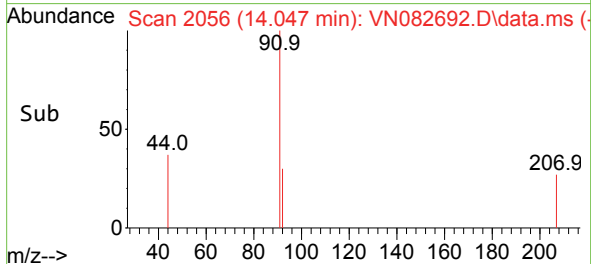
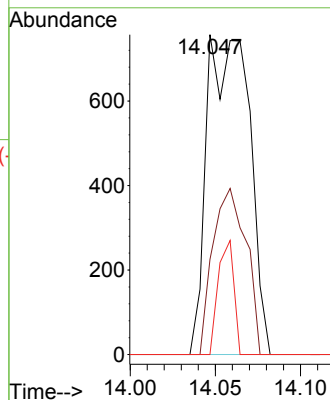
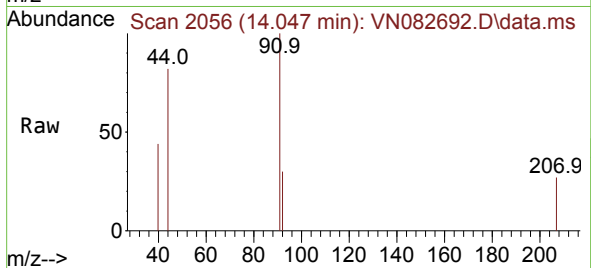
Acq: 24 Jun 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 91	Resp:	1320
Ion	Ratio	Lower Upper
91	100	
92	40.5	26.1 78.3
134	13.0	12.1 36.3



#91

1,2-Dichlorobenzene

Concen: 0.212 ug/l

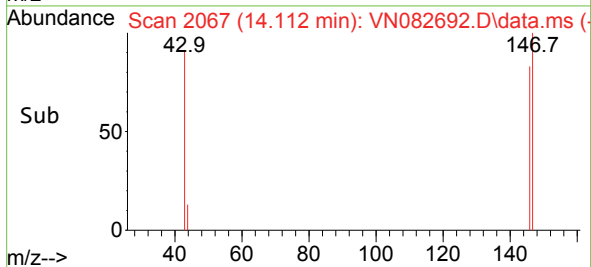
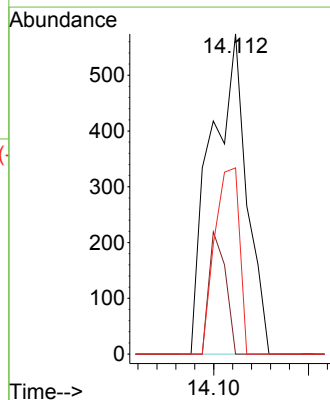
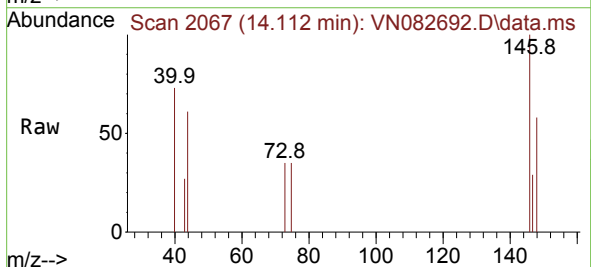
RT: 14.112 min Scan# 2067

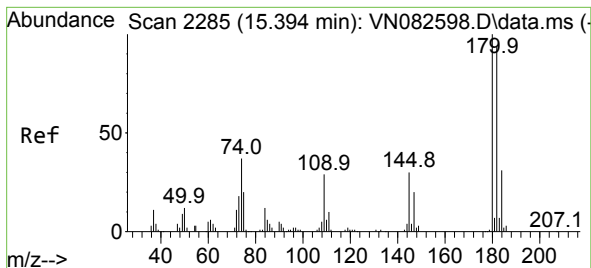
Delta R.T. 0.006 min

Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

Tgt Ion: 146	Resp:	752
Ion	Ratio	Lower Upper
146	100	
111	17.8	21.4 64.2#
148	40.2	32.1 96.5





#93

1,2,4-Trichlorobenzene

Concen: 0.584 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.006 min

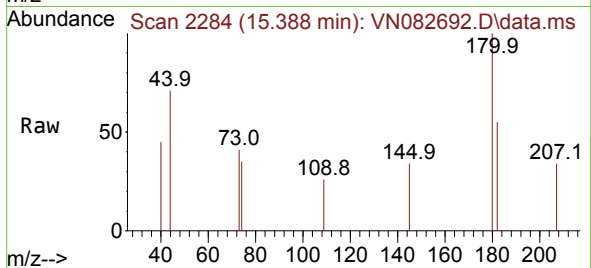
Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :



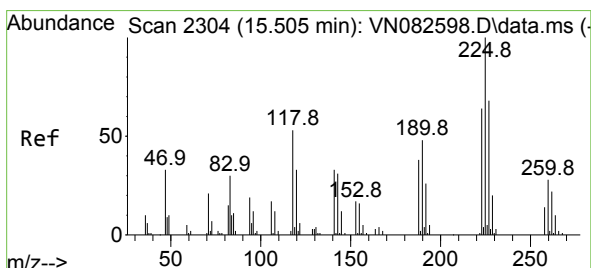
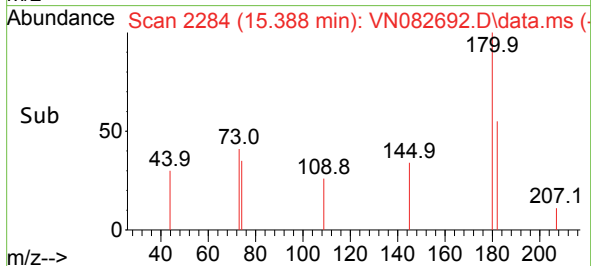
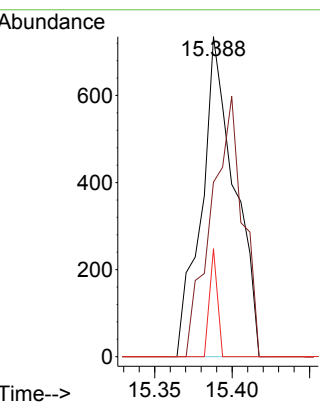
Tgt Ion:180 Resp: 1091

Ion Ratio Lower Upper

180 100

182 77.5 47.3 141.8

145 8.0 15.7 47.1#



#94

Hexachlorobutadiene

Concen: 1.197 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.005 min

Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

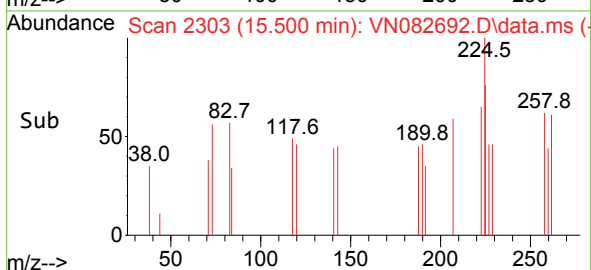
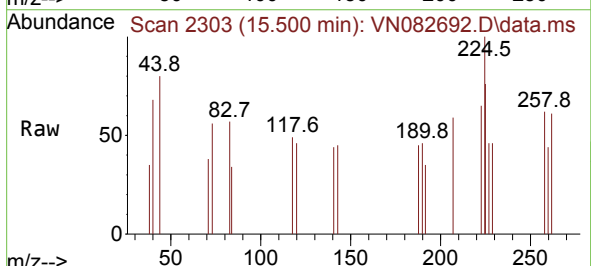
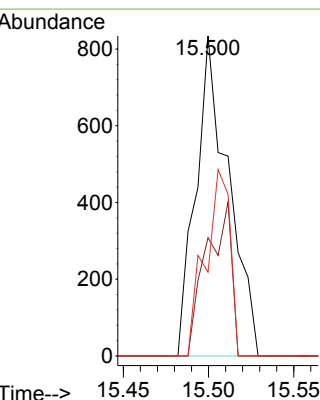
Tgt Ion:225 Resp: 1102

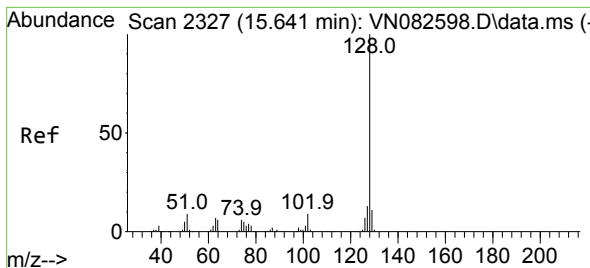
Ion Ratio Lower Upper

225 100

223 37.4 31.9 95.7

227 44.5 32.5 97.5





#95

Naphthalene

Concen: 0.514 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN082692.D

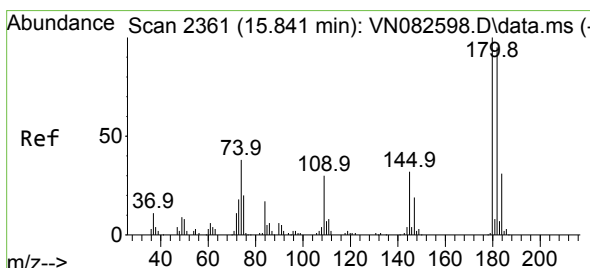
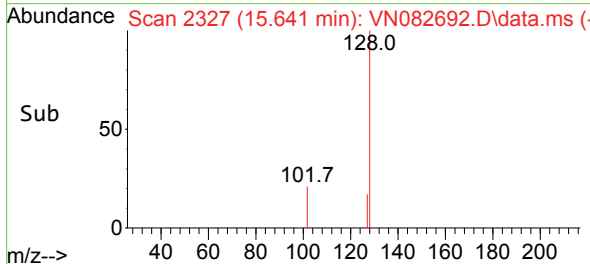
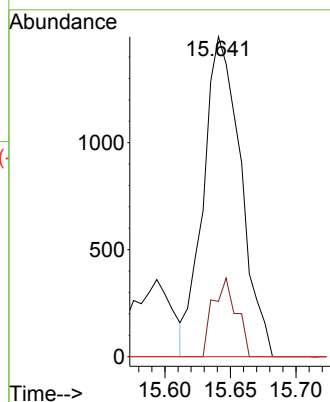
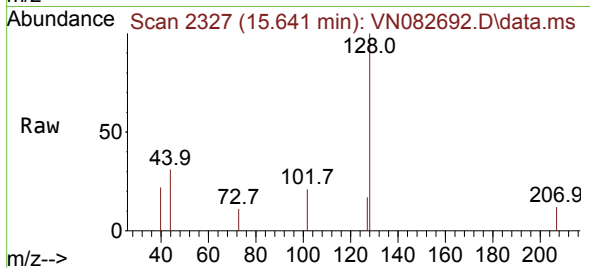
Acq: 24 Jun 2024 10:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	128	Resp:	2954
Ion Ratio	Lower	Upper	
128	100		
127	15.4	10.6	16.0
129	0.0	8.6	12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.595 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN082692.D

Acq: 24 Jun 2024 10:33

Tgt Ion:	180	Resp:	1133
Ion Ratio	Lower	Upper	
180	100		
182	121.1	48.9	146.8
145	16.4	16.8	50.4#

