

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082486.D
 Acq On : 07 Jun 2024 12:35
 Operator : JC\MD
 Sample : P2771-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 08 00:56:24 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)

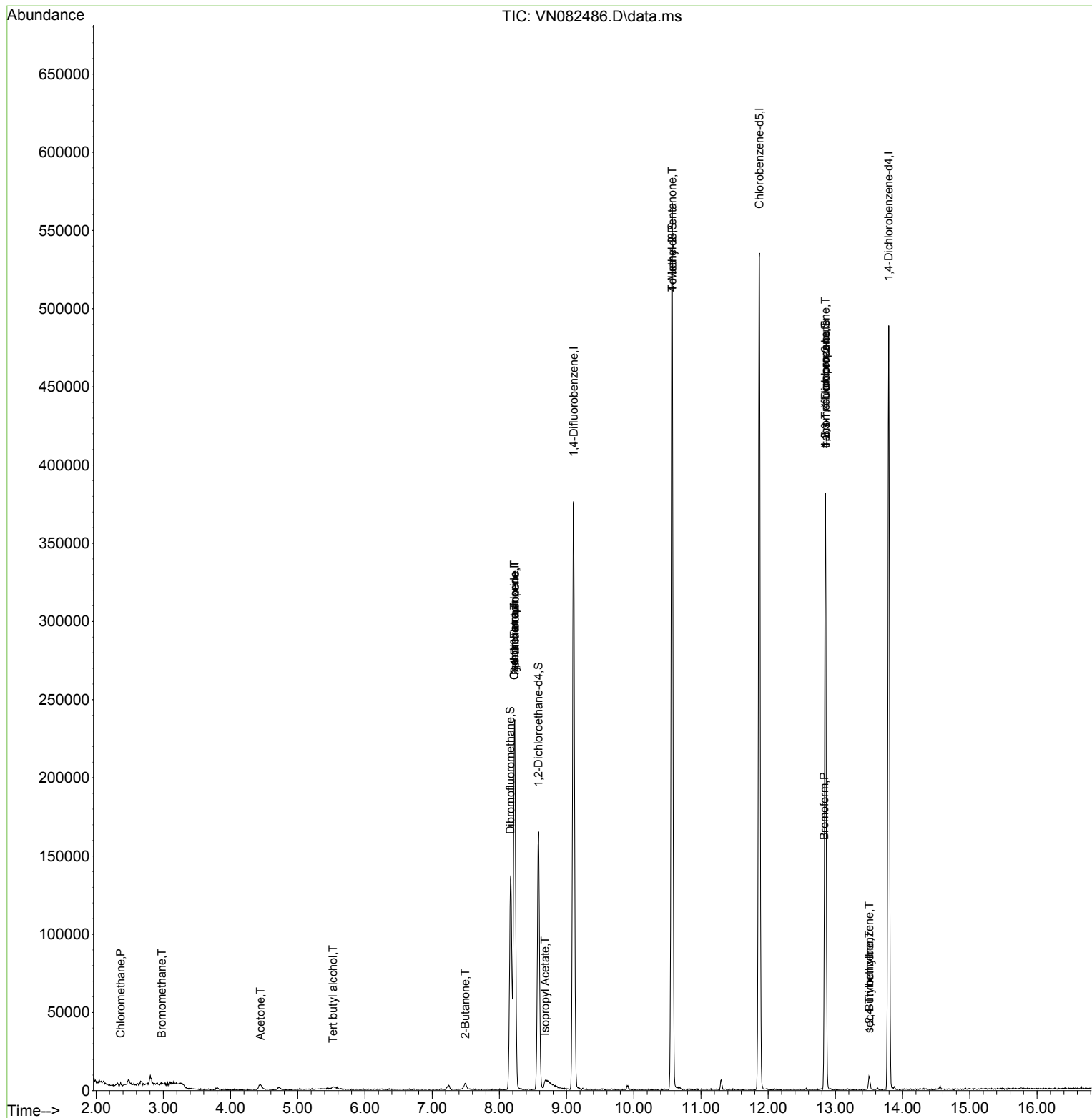
Internal Standards						
1) Pentafluorobenzene	8.230	168	166216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	287708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	122178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	136021	51.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.660%	
35) Dibromofluoromethane	8.165	113	97647	52.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.840%	
50) Toluene-d8	10.571	98	363079	51.319	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.853	95	119420	47.291	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 94.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	879	0.324	ug/l #	77
5) Bromomethane	2.977	94	384	0.262	ug/l #	4
11) Tert butyl alcohol	5.524	59	1607	3.814	ug/l #	71
16) Acetone	4.447	43	7125	6.618	ug/l	95
25) 2-Butanone	7.494	43	7438	4.557	ug/l #	70
31) Cyclohexane	8.224	56	4680	1.116	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	15430	4.986	ug/l #	48
38) Carbon Tetrachloride	8.224	117	18203	5.802	ug/l #	15
43) Isopropyl Acetate	8.682	43	3613	0.589	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	2385	0.684	ug/l #	1
71) Bromoform	12.835	173	135	0.781	ug/l #	28
76) 1,2,3-Trichloropropane	12.853	75	70897	27.570	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	70897	64.484	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.506	105	3013	0.375	ug/l #	31
85) sec-Butylbenzene	13.506	105	3013	0.317	ug/l #	56

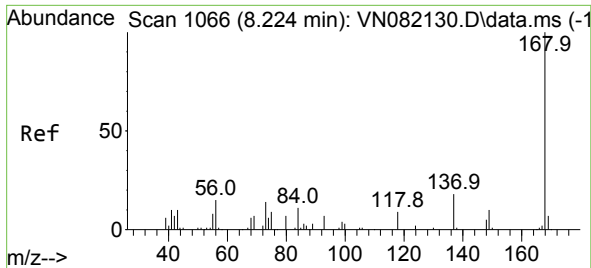
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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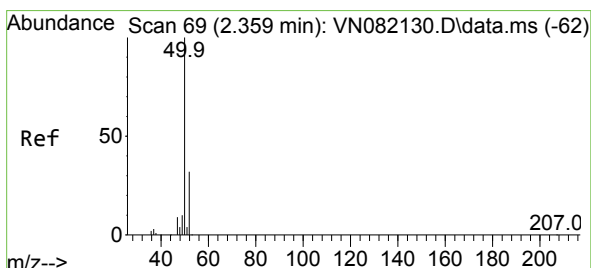
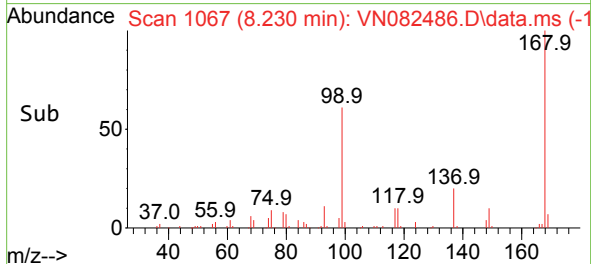
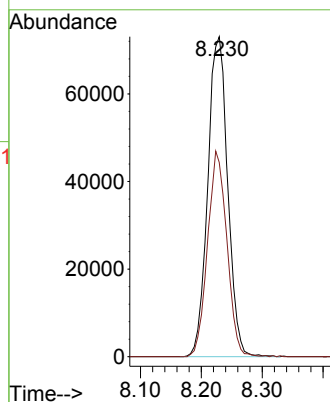
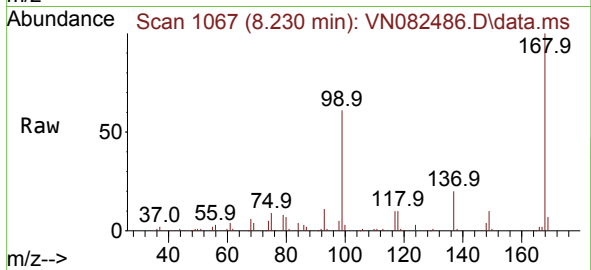




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

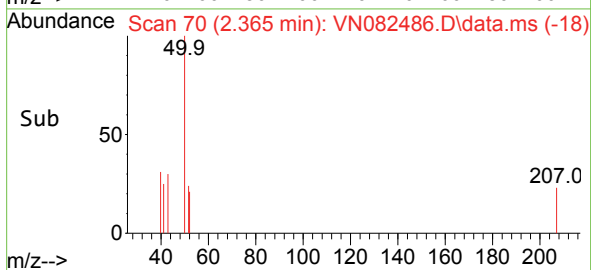
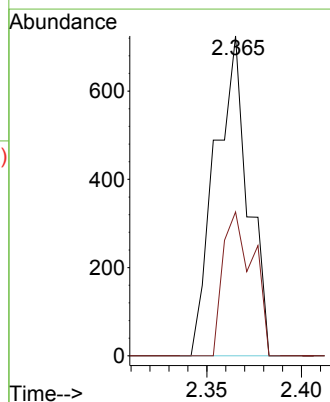
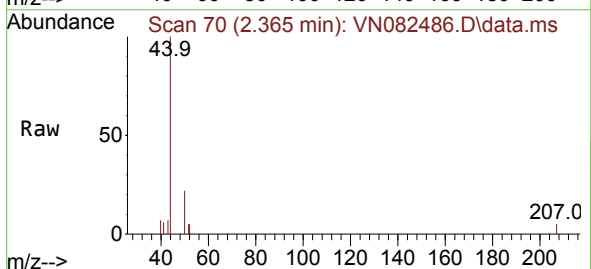
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 166216
Ion Ratio Lower Upper
168 100
99 60.7 48.2 72.4



#3
Chloromethane
Concen: 0.324 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

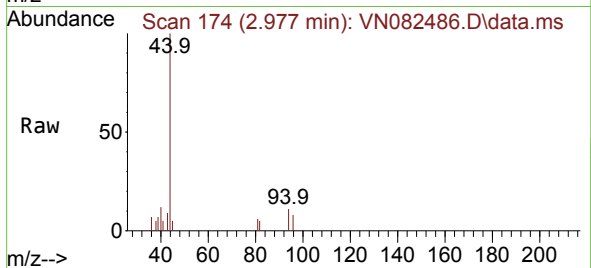
Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 45.0 25.5 38.3#



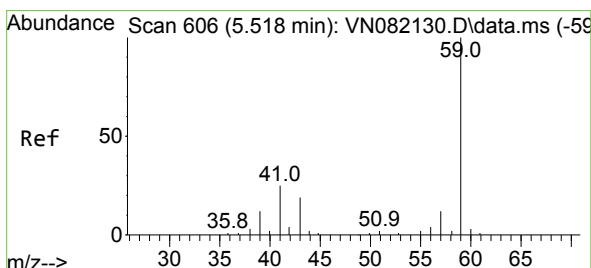
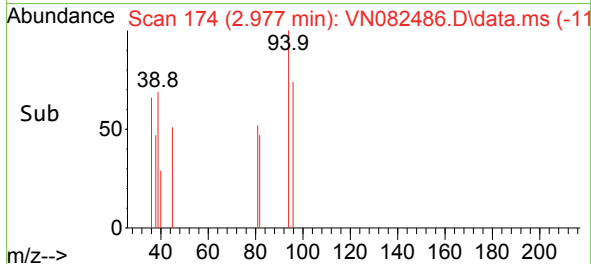
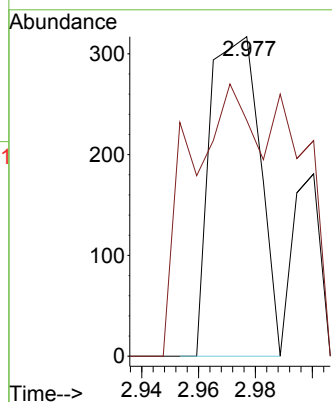


#5
Bromomethane
Concen: 0.262 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

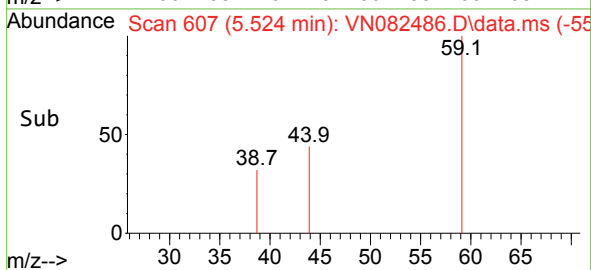
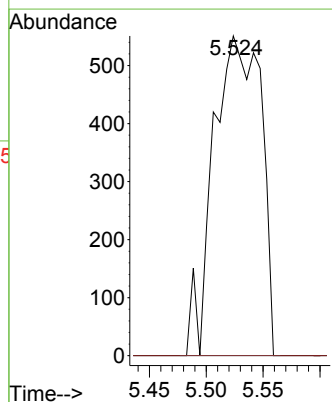
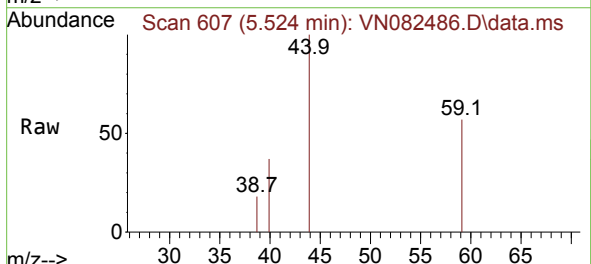


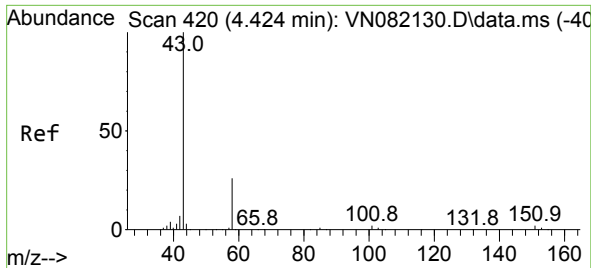
Tgt Ion: 94 Resp: 384
Ion Ratio Lower Upper
94 100
96 0.6 74.8 112.2#



#11
Tert butyl alcohol
Concen: 3.814 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 59 Resp: 1607
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

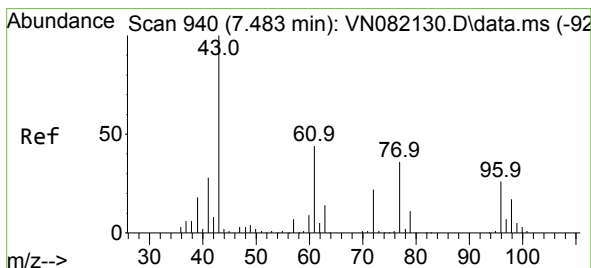
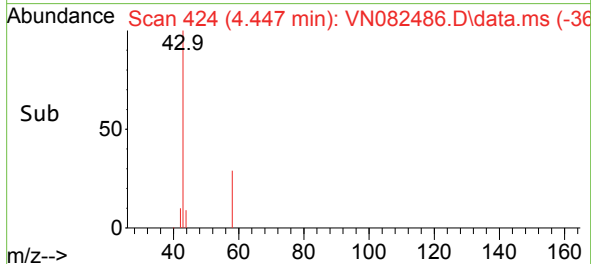
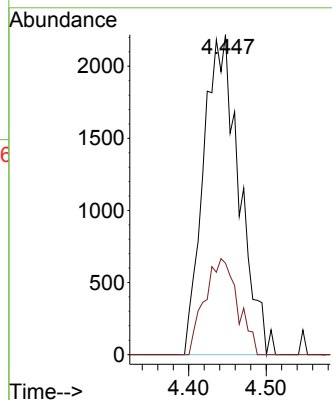
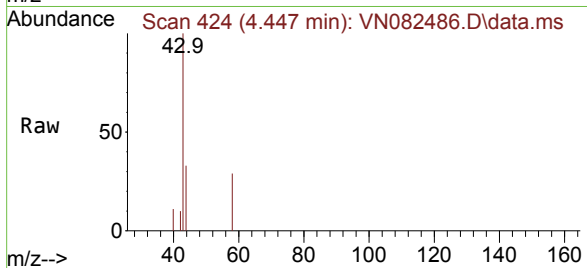




#16
Acetone
Concen: 6.618 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

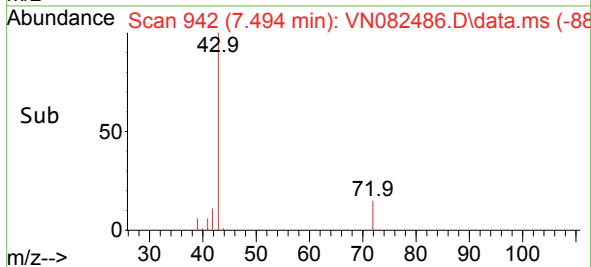
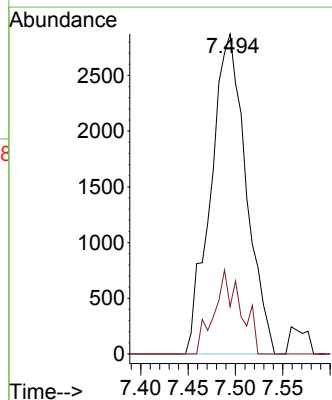
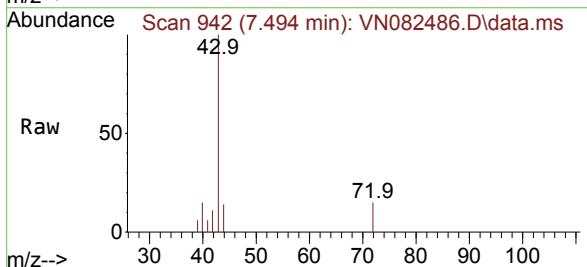
Instrument :
MSVOA_N
ClientSampleId :

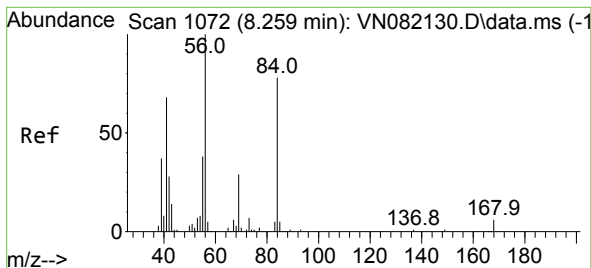
Tgt Ion: 43 Resp: 7125
Ion Ratio Lower Upper
43 100
58 28.6 25.2 37.8



#25
2-Butanone
Concen: 4.557 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 43 Resp: 7438
Ion Ratio Lower Upper
43 100
72 14.8 25.3 37.9#





#31

Cyclohexane

Concen: 1.116 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.035 min

Lab File: VN082486.D

Acq: 07 Jun 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :

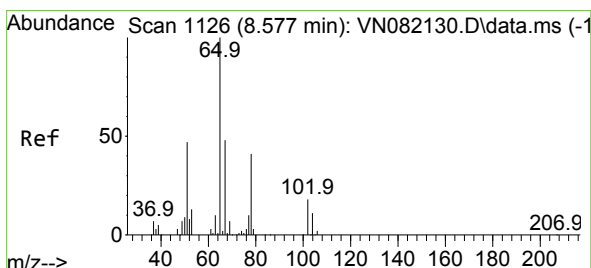
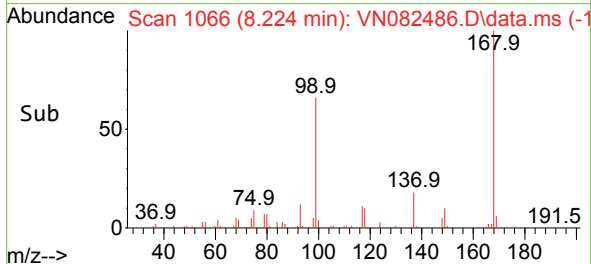
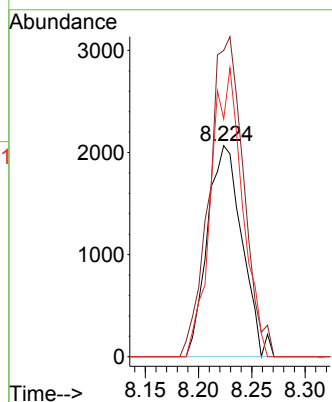
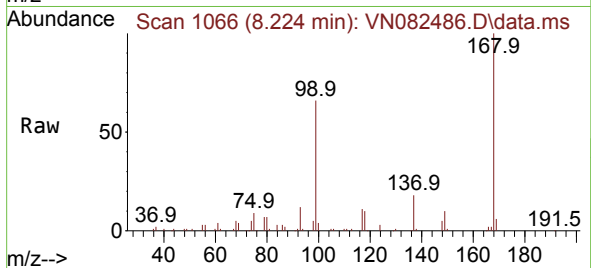
Tgt Ion: 56 Resp: 4680

Ion Ratio Lower Upper

56 100

69 145.1 24.4 36.6#

84 112.7 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 51.826 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082486.D

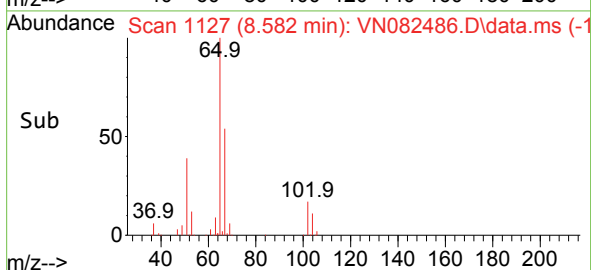
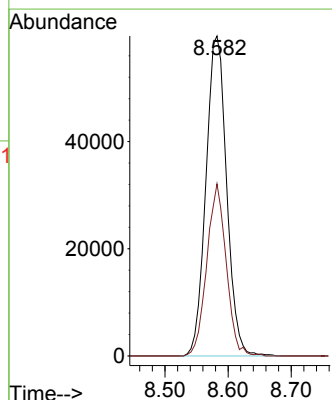
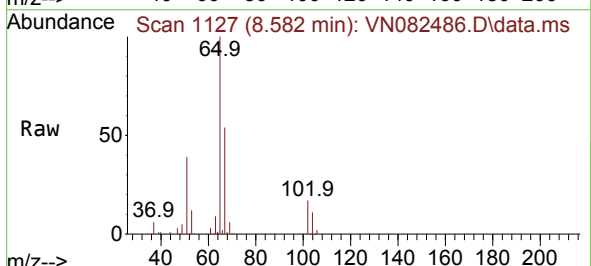
Acq: 07 Jun 2024 12:35

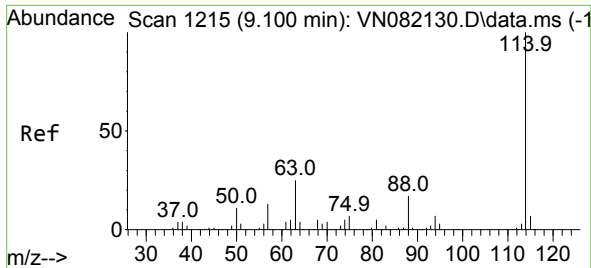
Tgt Ion: 65 Resp: 136021

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0

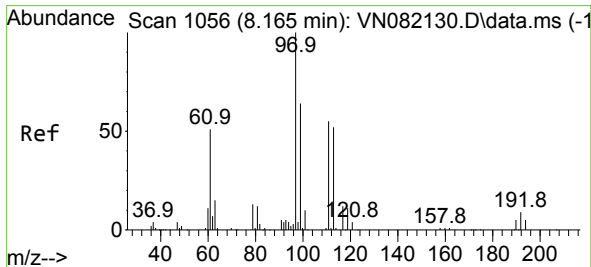
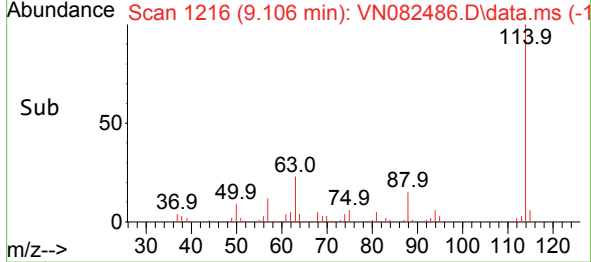
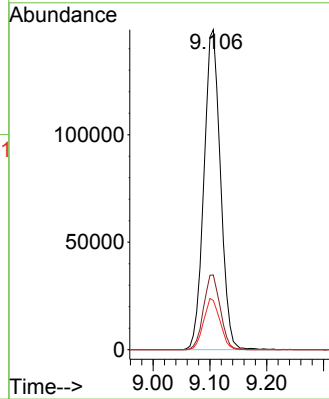
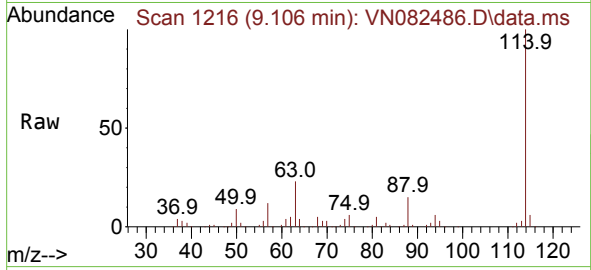




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

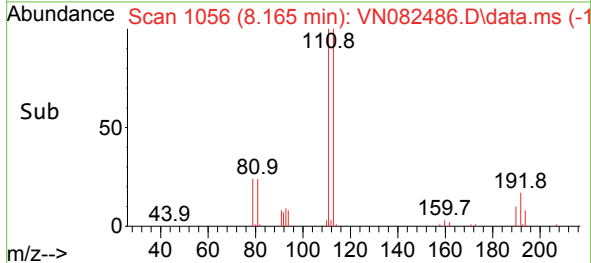
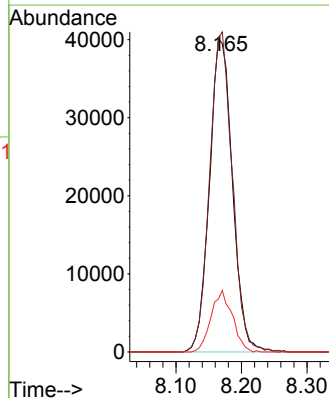
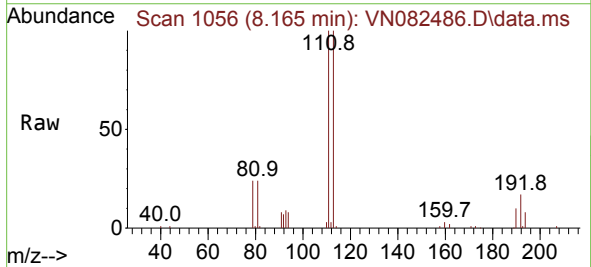
Instrument :
MSVOA_N
ClientSampleId :

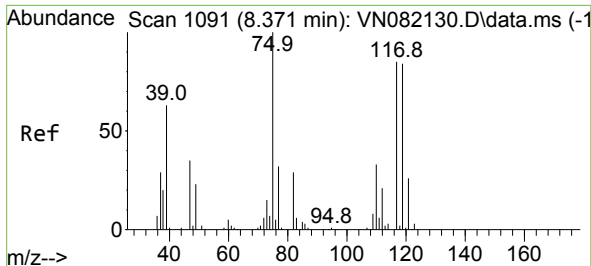
Tgt Ion:114 Resp: 299981
Ion Ratio Lower Upper
114 100
63 23.4 0.0 41.0
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.915 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

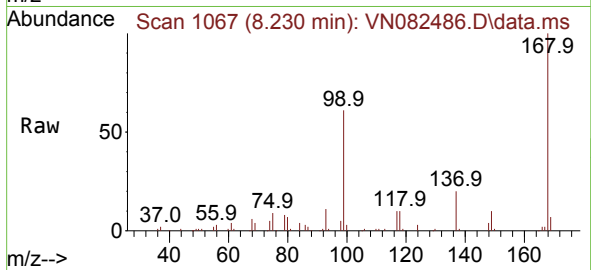
Tgt Ion:113 Resp: 97647
Ion Ratio Lower Upper
113 100
111 101.0 83.4 125.2
192 18.3 14.0 21.0



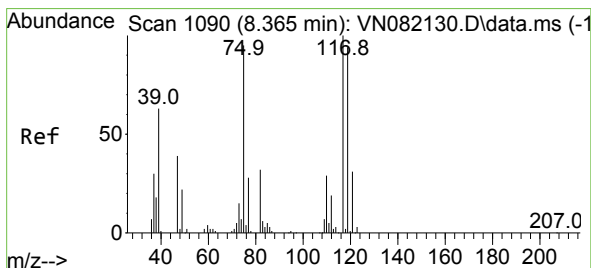
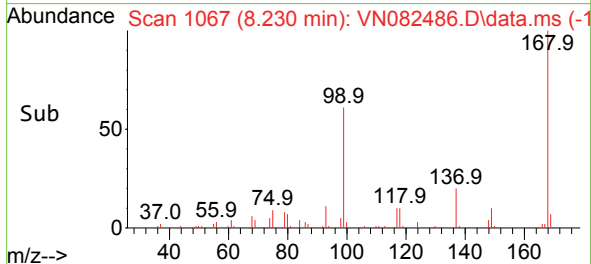
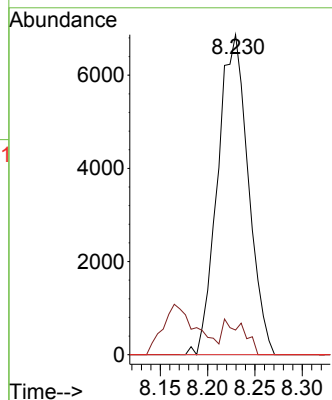


#36
1,1-Dichloropropene
Concen: 4.986 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

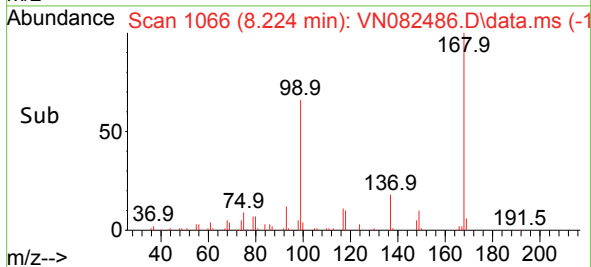
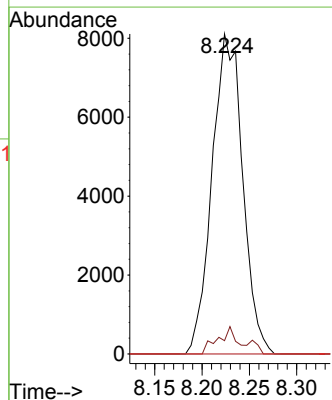
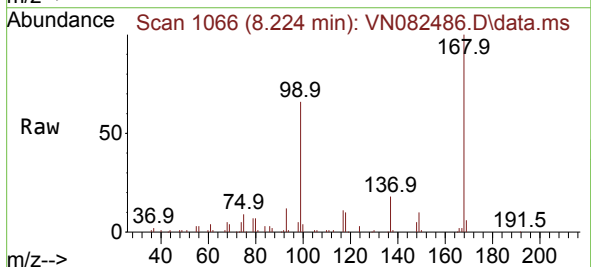


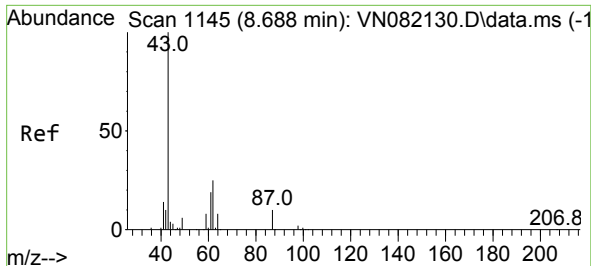
Tgt Ion: 75 Resp: 15430
Ion Ratio Lower Upper
75 100
110 7.5 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.802 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

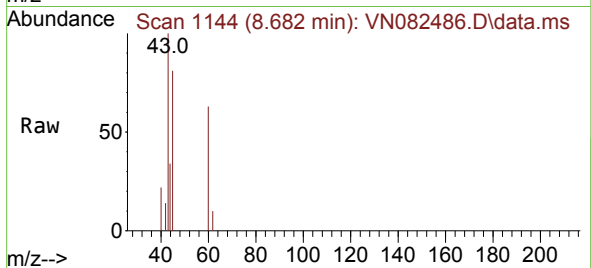
Tgt Ion: 117 Resp: 18203
Ion Ratio Lower Upper
117 100
119 4.2 76.5 114.7#
121 0.0 23.9 35.9#



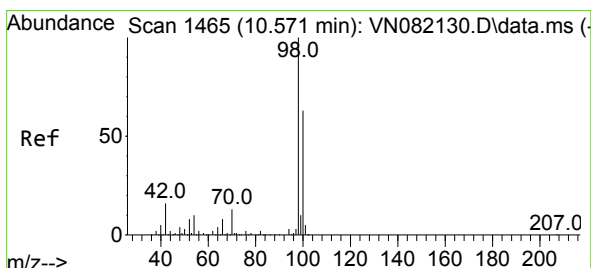
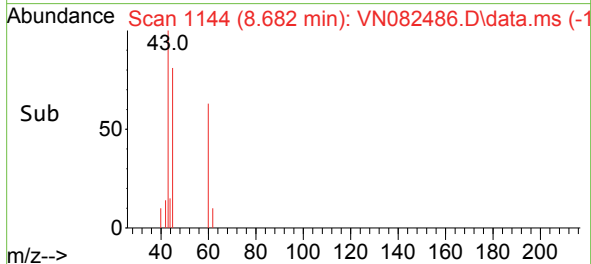
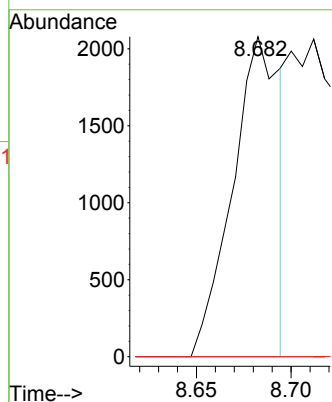


#43
Isopropyl Acetate
Concen: 0.589 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

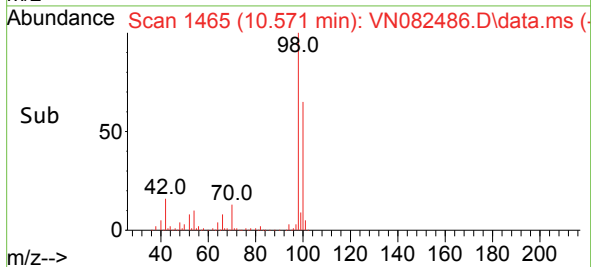
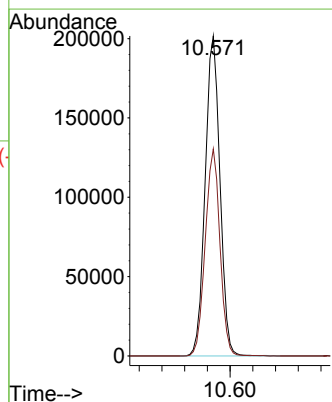
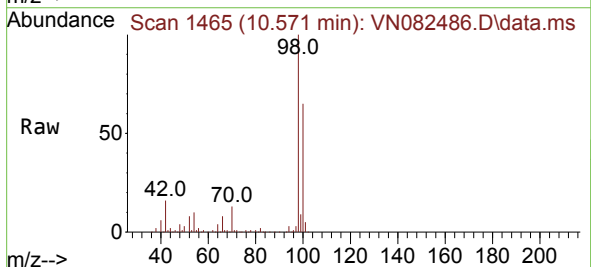


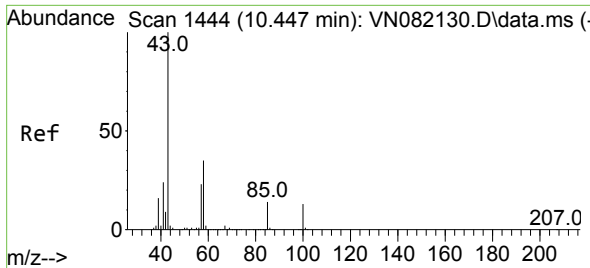
Tgt Ion: 43 Resp: 3613
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 51.319 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Tgt Ion: 98 Resp: 363079
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6

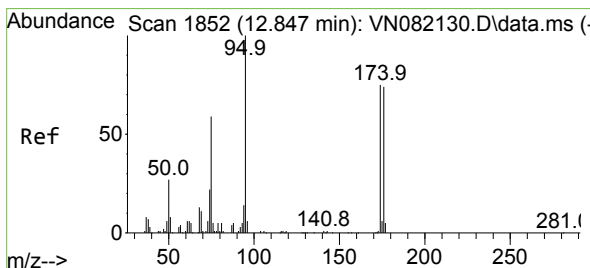
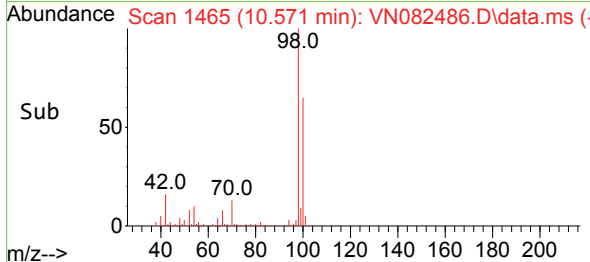
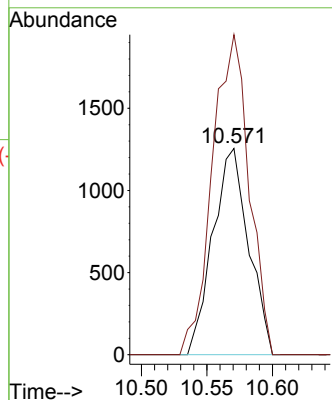
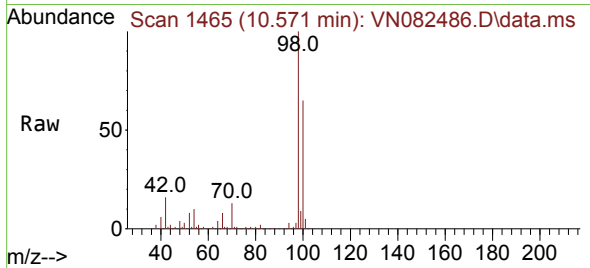




#51
 4-Methyl-2-Pentanone
 Concen: 0.684 ug/l
 RT: 10.571 min Scan# 1444
 Delta R.T. 0.123 min
 Lab File: VN082486.D
 Acq: 07 Jun 2024 12:35

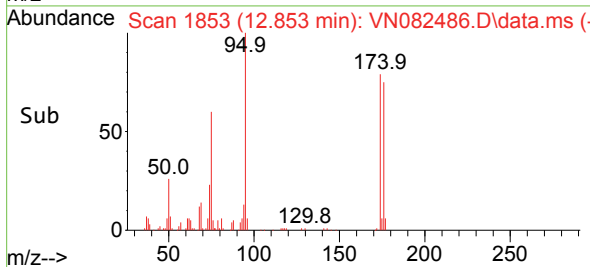
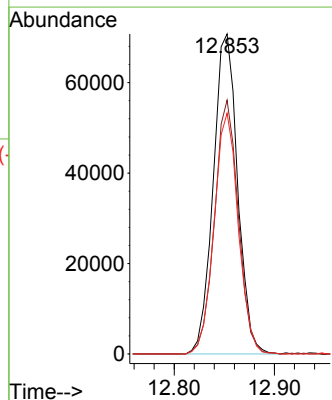
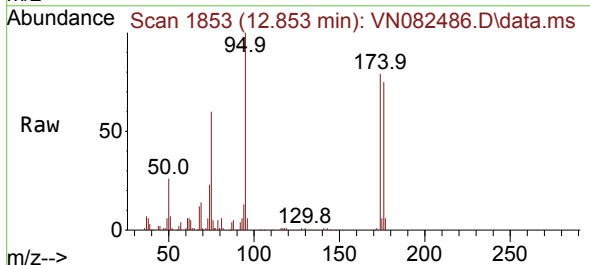
Instrument :
 MSVOA_N
 ClientSampleId :

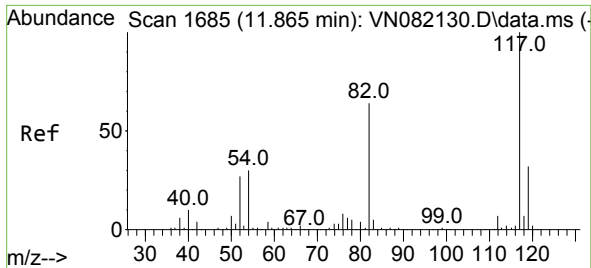
Tgt Ion: 43 Resp: 2385
 Ion Ratio Lower Upper
 43 100
 58 159.2 33.2 49.8#



#62
 4-Bromofluorobenzene
 Concen: 47.291 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: VN082486.D
 Acq: 07 Jun 2024 12:35

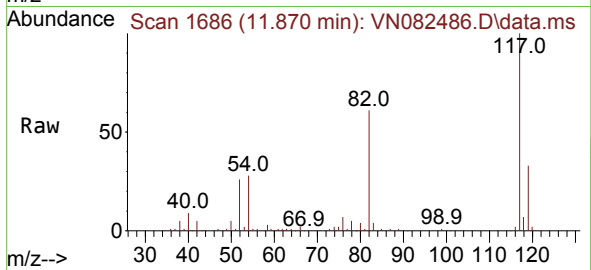
Tgt Ion: 95 Resp: 119420
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 160.6
 176 74.5 0.0 152.8



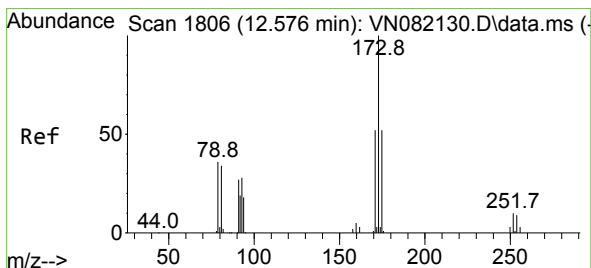
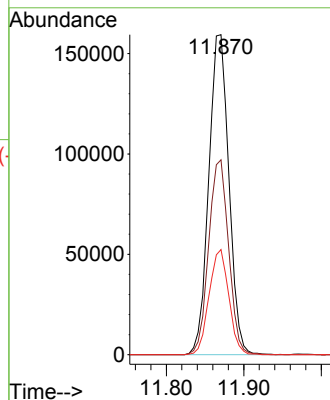
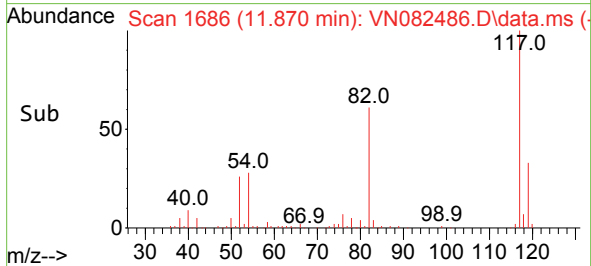


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

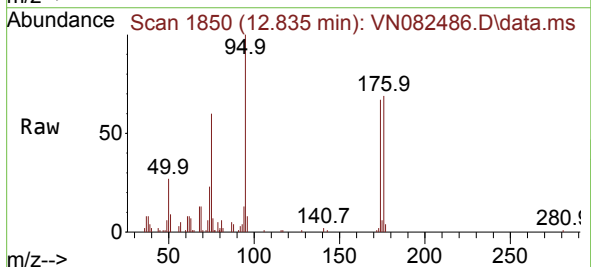
Instrument :
MSVOA_N
ClientSampleId :



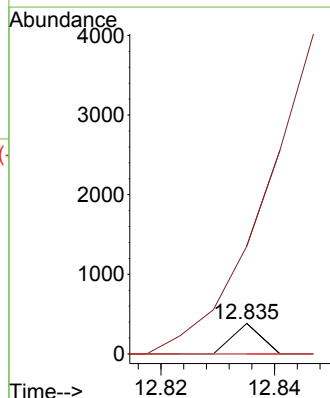
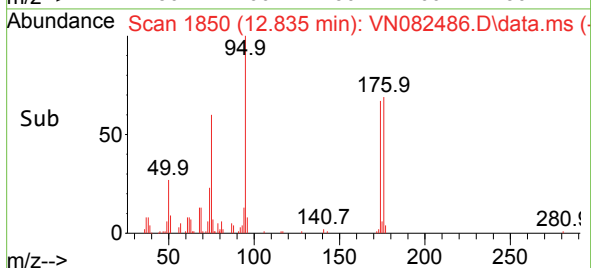
Tgt Ion:117 Resp: 287708
Ion Ratio Lower Upper
117 100
82 60.9 44.6 66.8
119 32.8 25.9 38.9

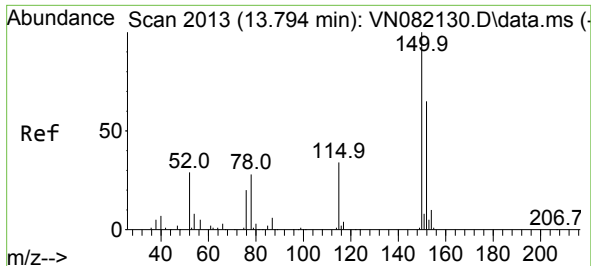


#71
Bromoform
Concen: 0.781 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. 0.259 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35



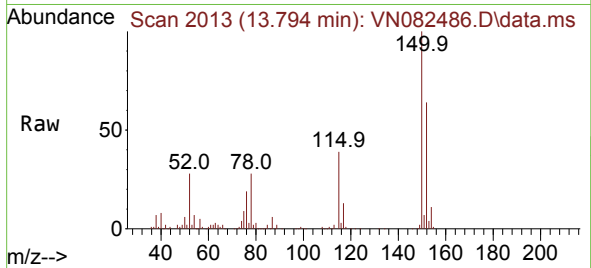
Tgt Ion:173 Resp: 135
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0



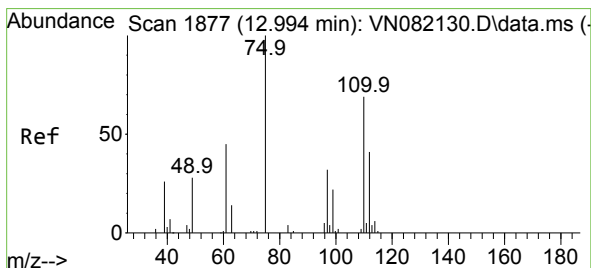
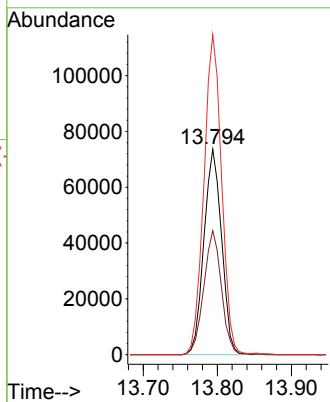
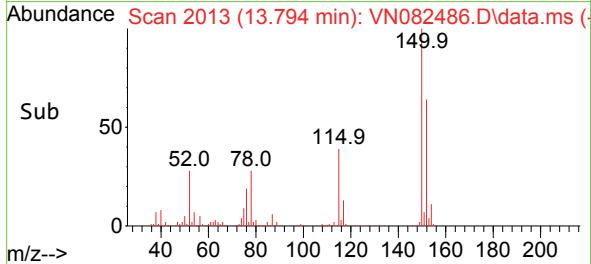


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

Instrument :
MSVOA_N
ClientSampleId :

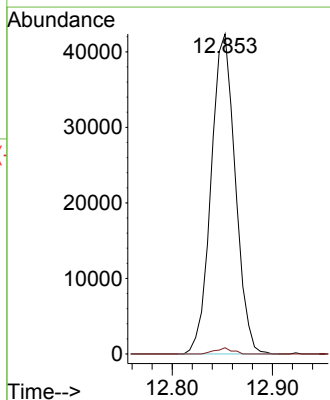
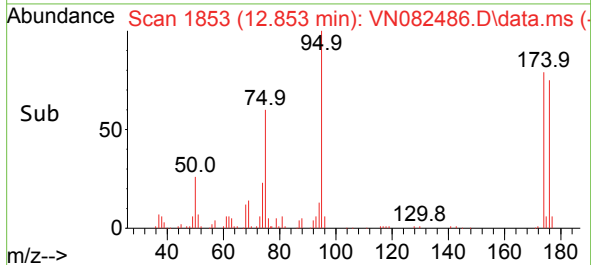
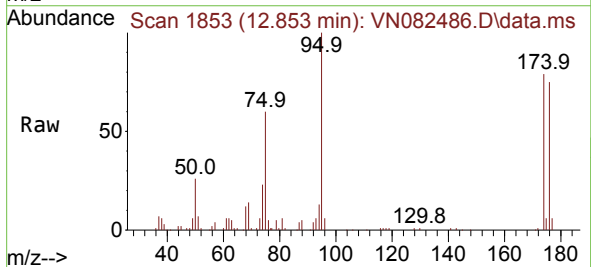


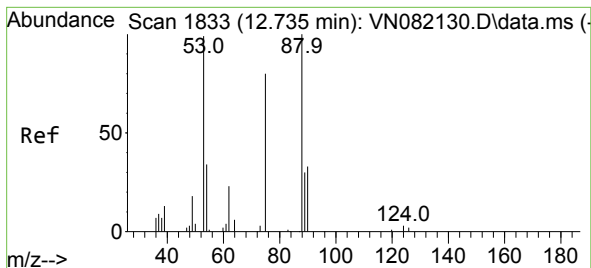
Tgt Ion:152 Resp: 122178
Ion Ratio Lower Upper
152 100
115 59.9 30.4 91.3
150 155.4 0.0 353.2



#76
1,2,3-Trichloropropane
Concen: 27.570 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

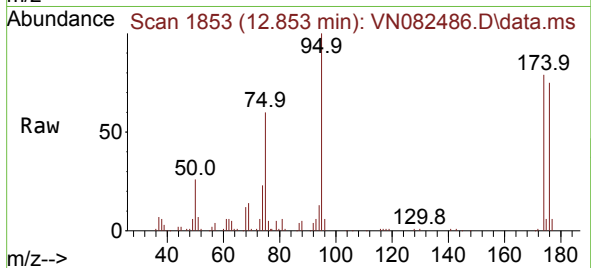
Tgt Ion: 75 Resp: 70897
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



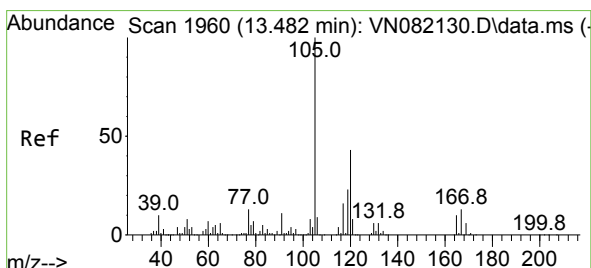
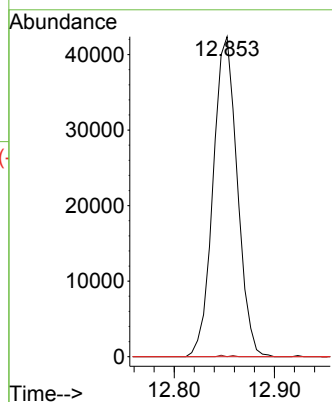
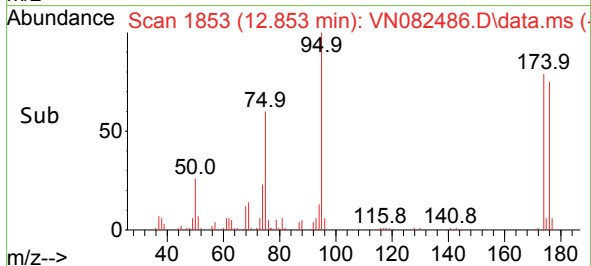


#81
trans-1,4-Dichloro-2-butene
Concen: 64.484 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35

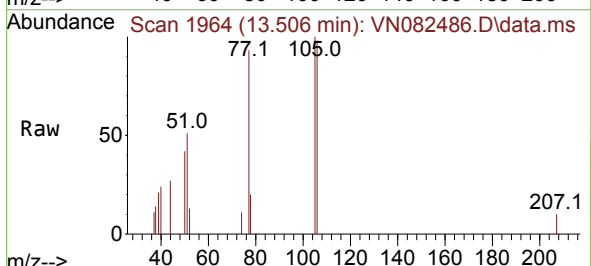
Instrument :
MSVOA_N
ClientSampleId :



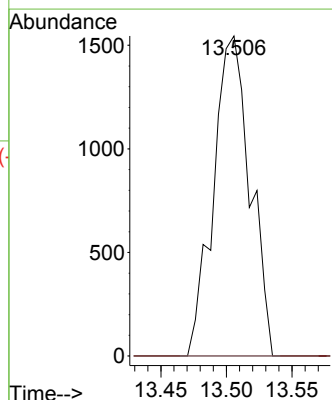
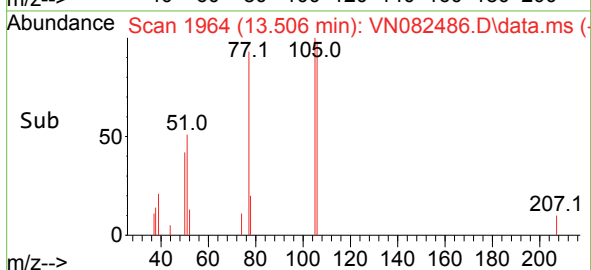
Tgt Ion: 75 Resp: 70897
Ion Ratio Lower Upper
75 100
53 0.2 72.9 109.3#
89 0.0 39.1 58.7#

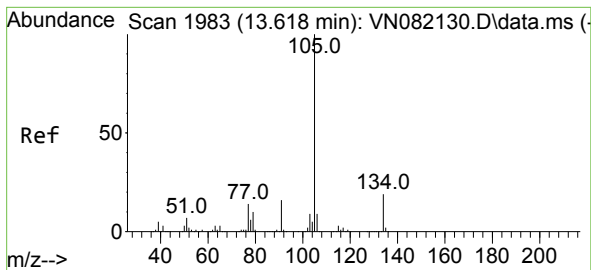


#84
1,2,4-Trimethylbenzene
Concen: 0.375 ug/l
RT: 13.506 min Scan# 1964
Delta R.T. 0.023 min
Lab File: VN082486.D
Acq: 07 Jun 2024 12:35



Tgt Ion: 105 Resp: 3013
Ion Ratio Lower Upper
105 100
120 0.0 22.9 68.7#





#85

sec-Butylbenzene

Concen: 0.317 ug/l

RT: 13.506 min Scan# 1983

Delta R.T. -0.112 min

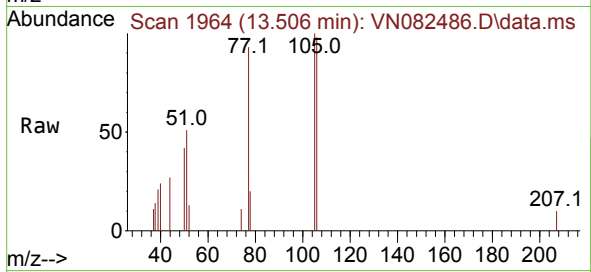
Lab File: VN082486.D

Acq: 07 Jun 2024 12:35

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:105 Resp: 3013

Ion Ratio Lower Upper

105 100

134 0.0 10.2 30.4#

