

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082966.D
 Acq On : 17 Jul 2024 16:24
 Operator : JC\MD
 Sample : P3258-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-S-02-202407

Quant Time: Jul 18 05:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

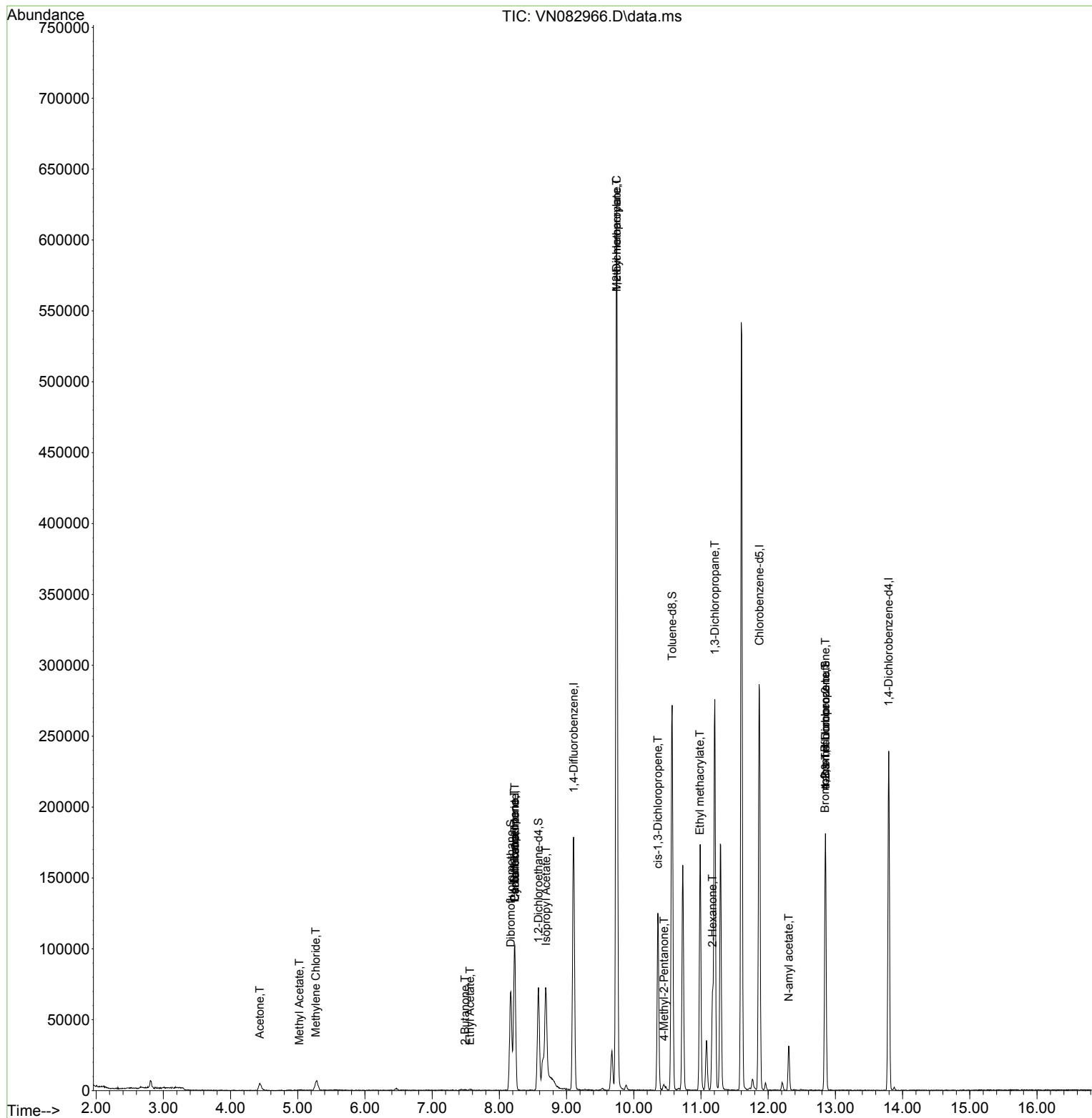
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	71054	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	151070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	163407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	59261	59.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	119.000%
35) Dibromofluoromethane	8.171	113	49050	50.599	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.200%
50) Toluene-d8	10.571	98	185746	51.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.853	95	56197	43.696	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	87.400%
Target Compounds						Qvalue
16) Acetone	4.436	43	10087	28.764	ug/l #	89
18) Methyl Acetate	5.024	43	448	0.483	ug/l #	56
20) Methylene Chloride	5.271	84	5715	6.748	ug/l #	69
25) 2-Butanone	7.488	43	851	1.607	ug/l #	53
31) Cyclohexane	8.230	56	1989	1.527	ug/l #	24
36) 1,1-Dichloropropene	8.224	75	6335	4.740	ug/l #	50
37) Ethyl Acetate	7.565	43	1457	1.071	ug/l #	72
38) Carbon Tetrachloride	8.230	117	8078	5.020	ug/l #	16
43) Isopropyl Acetate	8.694	43	102703	39.400	ug/l #	85
45) 1,2-Dichloropropane	9.747	63	649	0.676	ug/l #	44
48) Methyl methacrylate	9.747	41	59681	55.937	ug/l #	53
51) 4-Methyl-2-Pentanone	10.453	43	5179	3.839	ug/l #	74
54) cis-1,3-Dichloropropene	10.359	75	21213	12.592	ug/l #	59
56) Ethyl methacrylate	10.982	69	911	0.620	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	3011	1.801	ug/l #	43
59) 2-Hexanone	11.171	43	49878	49.732	ug/l #	28
71) Bromoform	12.847	173	727	0.742	ug/l #	1
74) N-amyl acetate	12.306	43	9098	4.911	ug/l #	56
76) 1,2,3-Trichloropropane	12.853	75	32502	30.586	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32502	60.153	ug/l #	6

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

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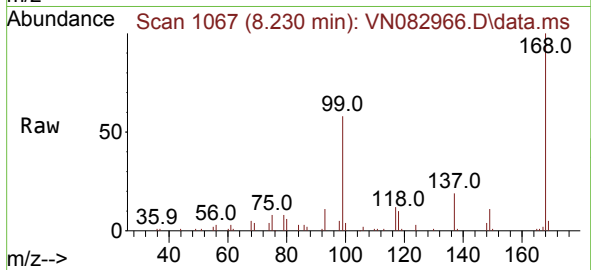
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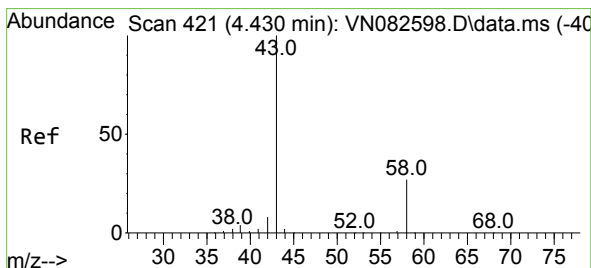
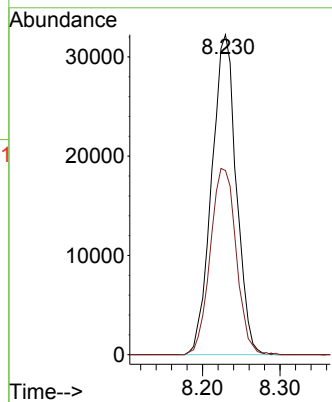
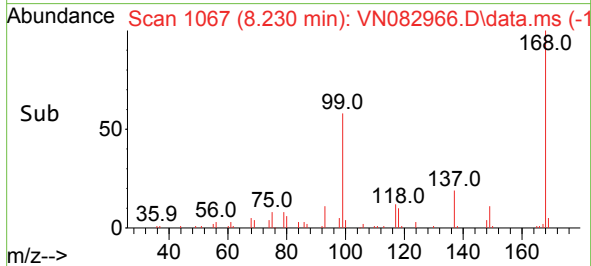


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

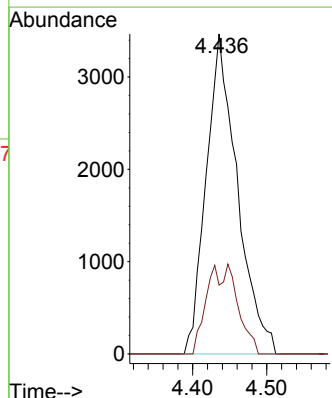
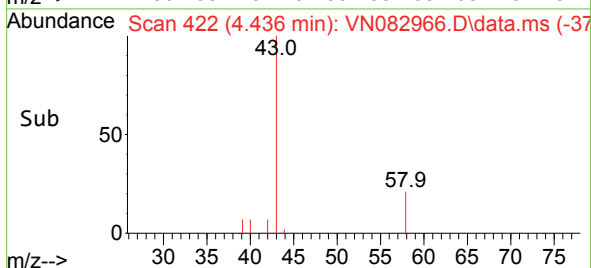
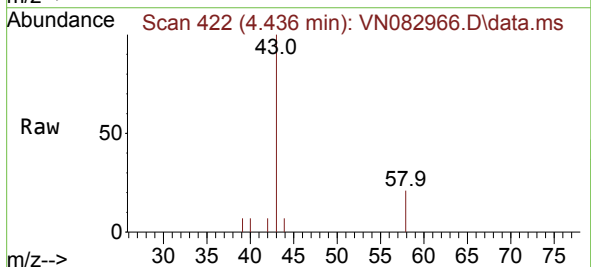


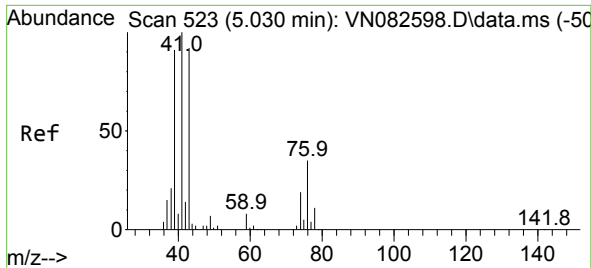
Tgt Ion:168 Resp: 71054
Ion Ratio Lower Upper
168 100
99 57.5 48.2 72.4



#16
Acetone
Concen: 28.764 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 43 Resp: 10087
Ion Ratio Lower Upper
43 100
58 21.5 21.8 32.6#

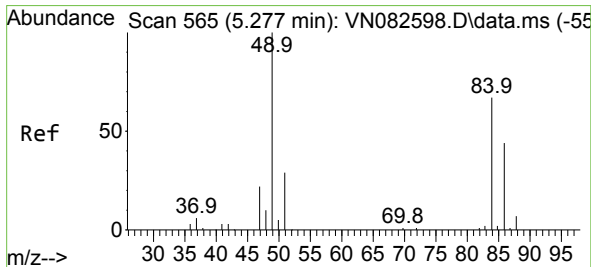
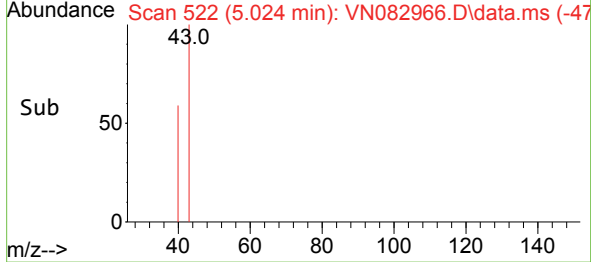
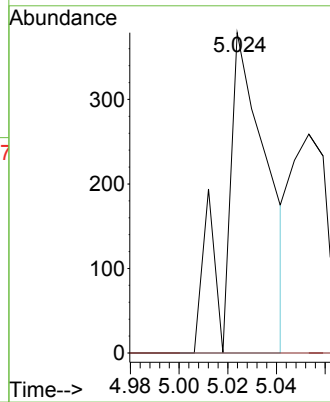
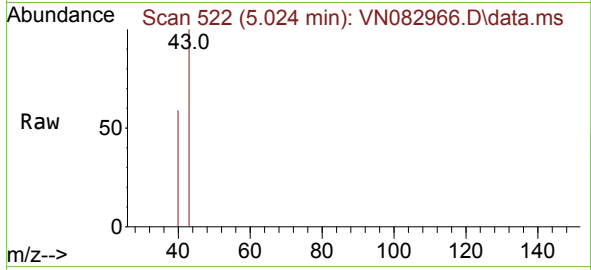




#18
Methyl Acetate
Concen: 0.483 ug/l
RT: 5.024 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

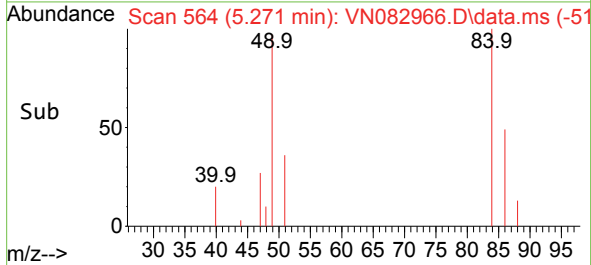
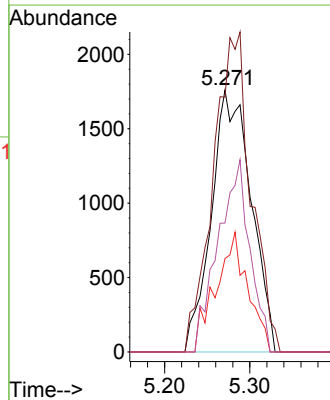
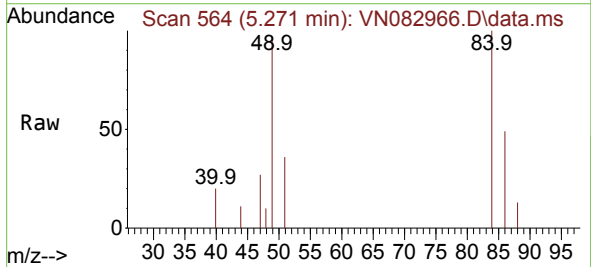
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

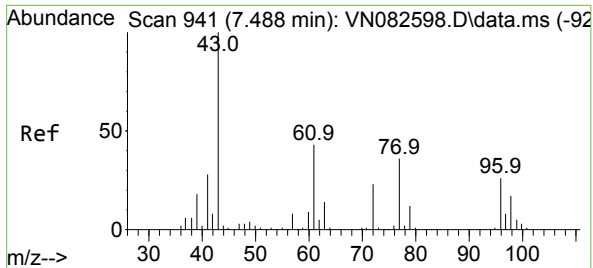
Tgt Ion: 43 Resp: 448
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.748 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 84 Resp: 5715
Ion Ratio Lower Upper
84 100
49 97.4 119.6 179.4#
51 35.7 34.8 52.2
86 49.3 52.9 79.3#

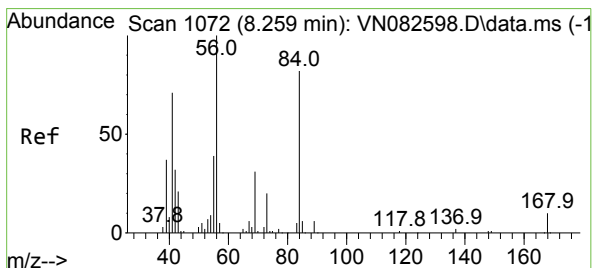
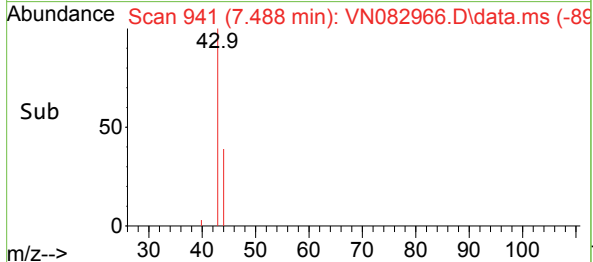
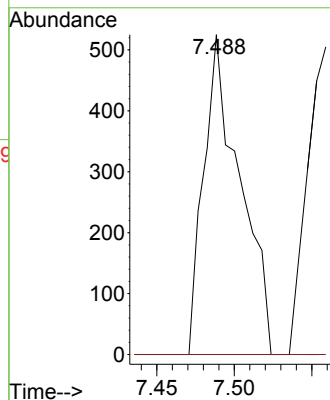
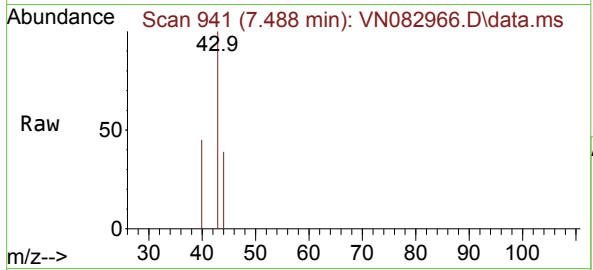




#25
2-Butanone
Concen: 1.607 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

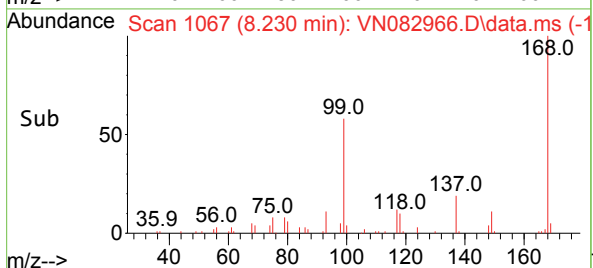
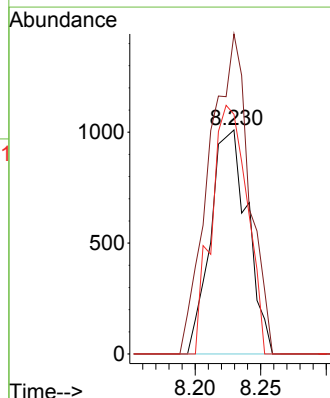
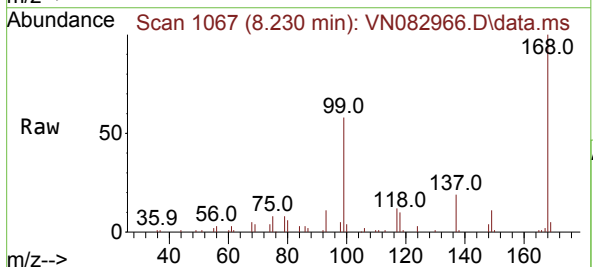
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

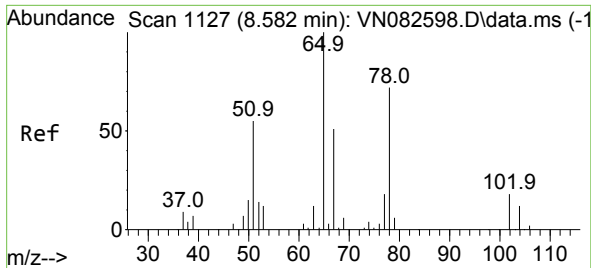
Tgt Ion: 43 Resp: 851
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#



#31
Cyclohexane
Concen: 1.527 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 56 Resp: 1989
Ion Ratio Lower Upper
56 100
69 142.9 24.5 36.7#
84 107.0 66.0 99.0#

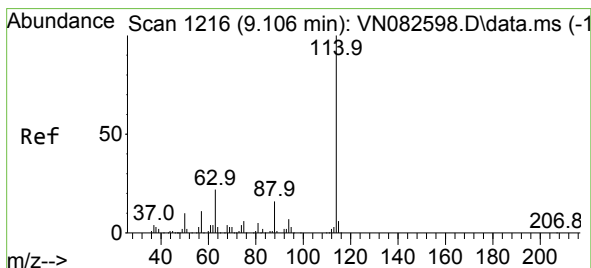
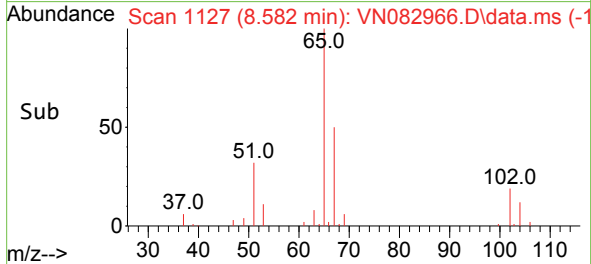
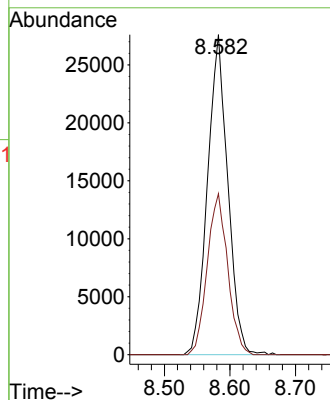
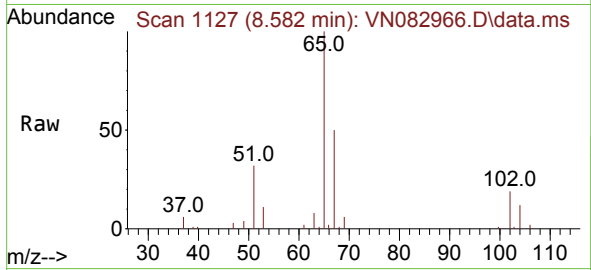




#33
 1,2-Dichloroethane-d4
 Concen: 59.497 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN082966.D
 Acq: 17 Jul 2024 16:24

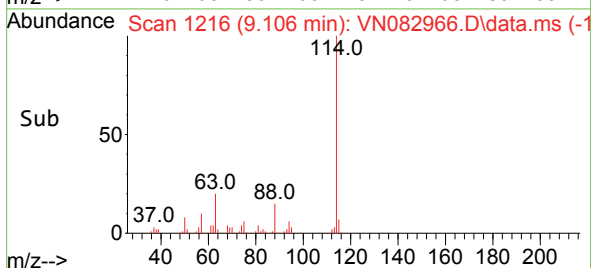
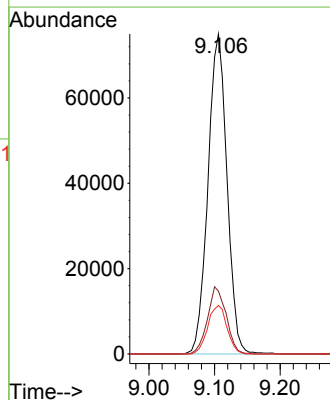
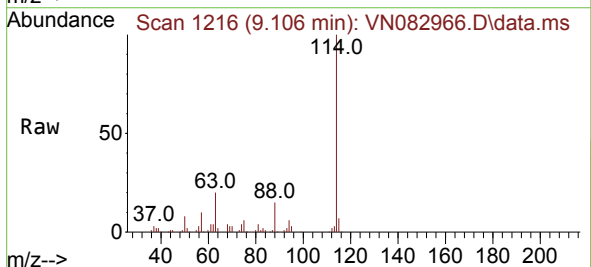
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 ClientSampleId :
 WC-S-02-202407

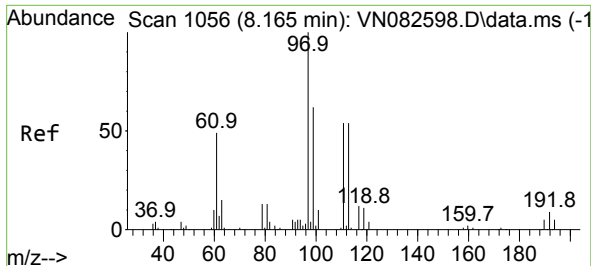
Tgt Ion: 65 Resp: 59261
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN082966.D
 Acq: 17 Jul 2024 16:24

Tgt Ion: 114 Resp: 151070
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 44.6
 88 15.2 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.599 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082966.D

Acq: 17 Jul 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

WC-S-02-202407

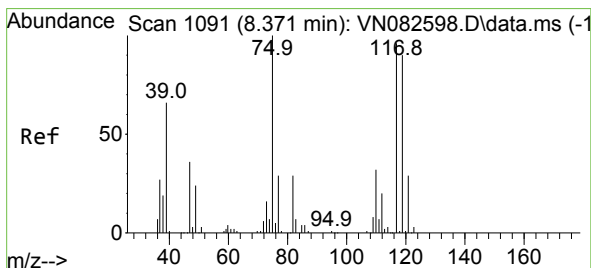
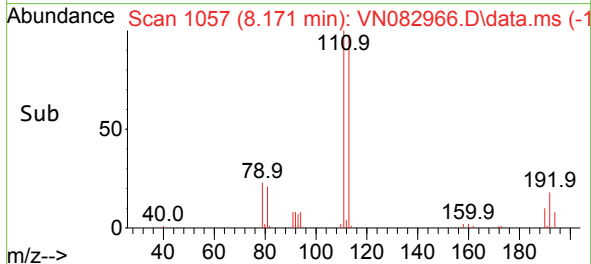
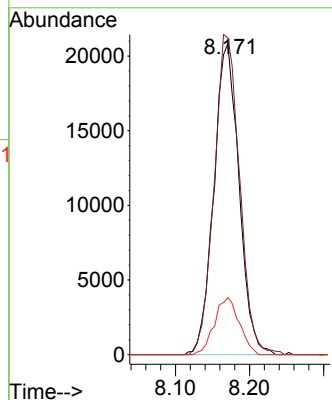
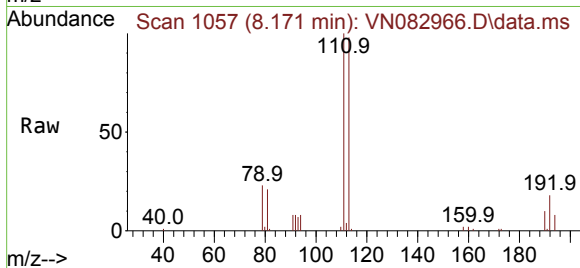
Tgt Ion:113 Resp: 49050

Ion Ratio Lower Upper

113 100

111 104.1 82.4 123.6

192 18.2 14.9 22.3



#36

1,1-Dichloropropene

Concen: 4.740 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082966.D

Acq: 17 Jul 2024 16:24

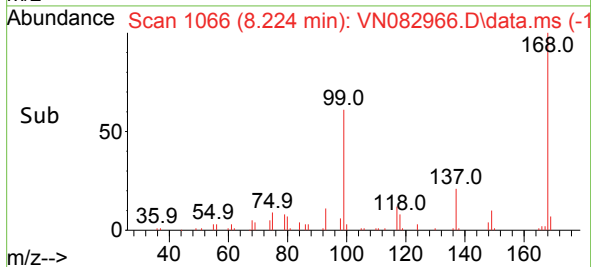
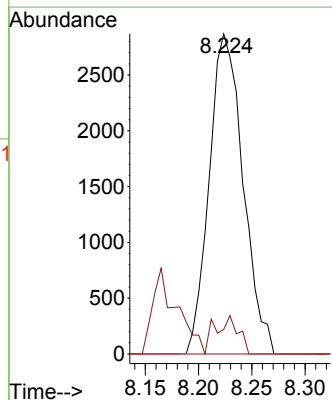
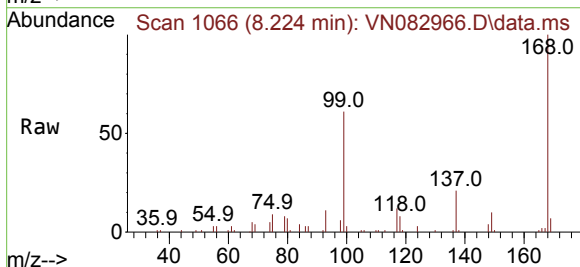
Tgt Ion: 75 Resp: 6335

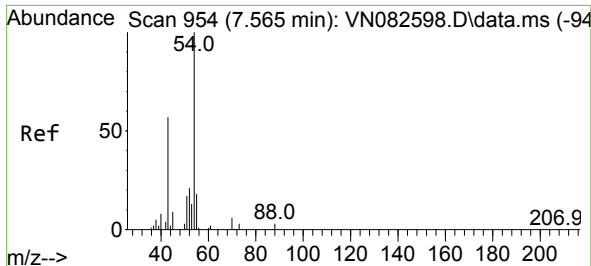
Ion Ratio Lower Upper

75 100

110 8.1 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.071 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN082966.D

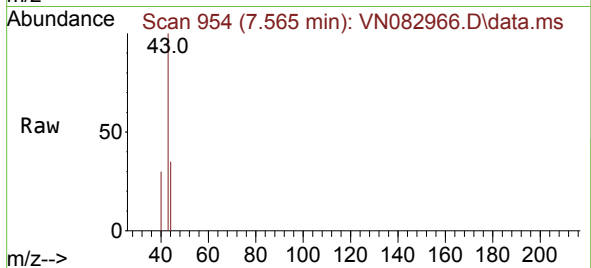
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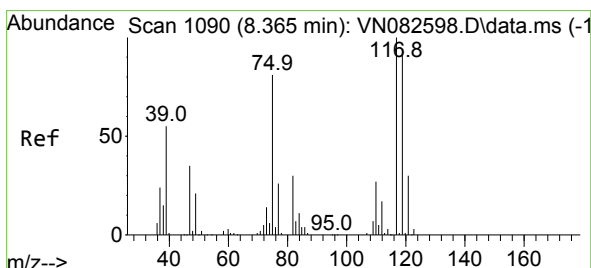
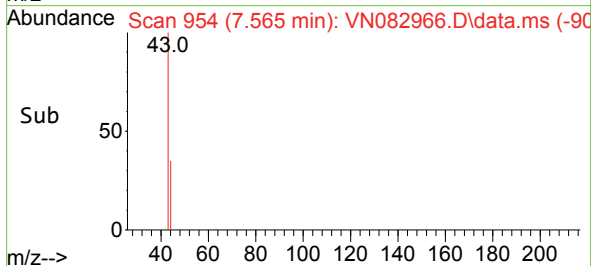
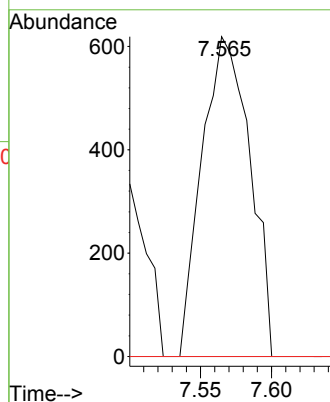
Tgt Ion: 43 Resp: 1457

Ion Ratio Lower Upper

43 100

61 0.0 9.3 13.9#

70 0.0 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.020 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

Lab File: VN082966.D

Acq: 17 Jul 2024 16:24

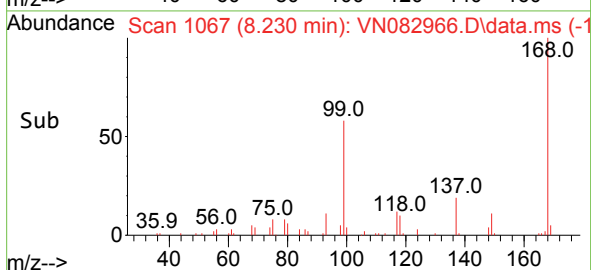
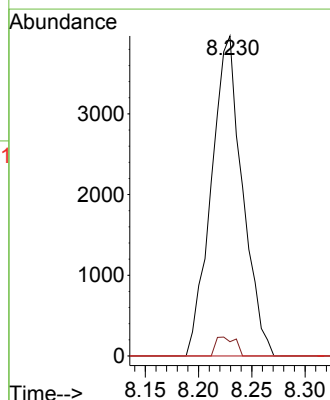
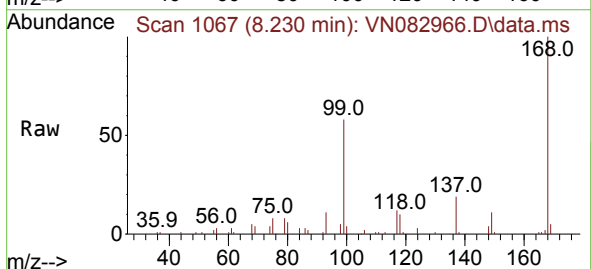
Tgt Ion: 117 Resp: 8078

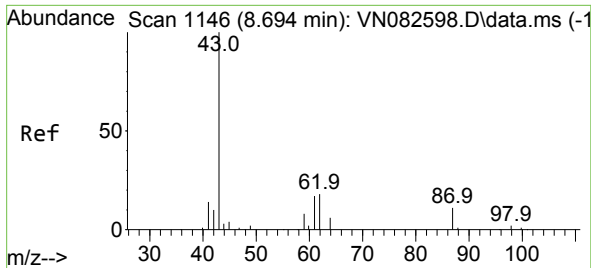
Ion Ratio Lower Upper

117 100

119 4.4 74.9 112.3#

121 0.0 24.3 36.5#

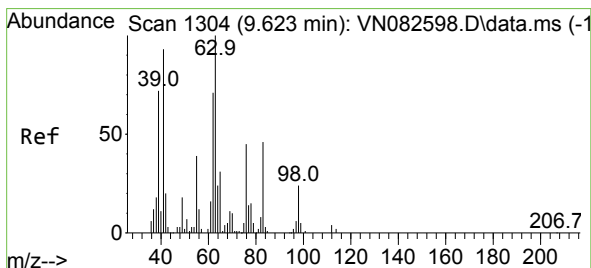
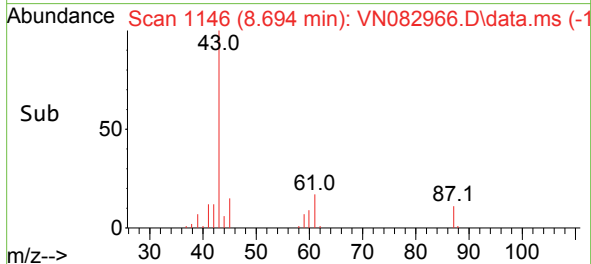
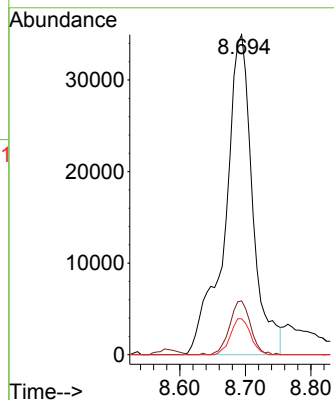
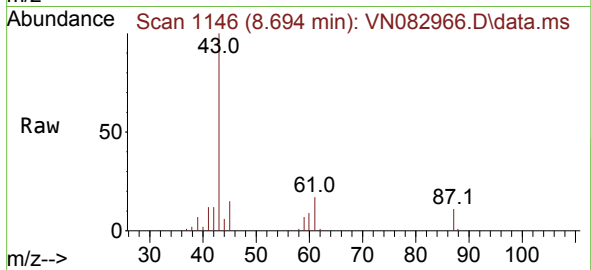




#43
Isopropyl Acetate
Concen: 39.400 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

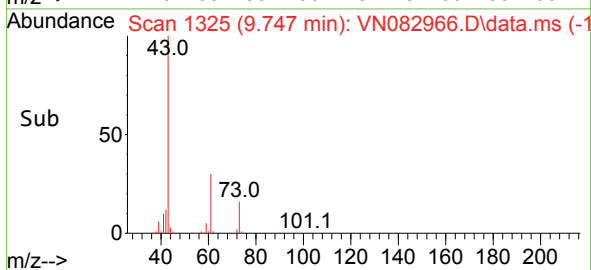
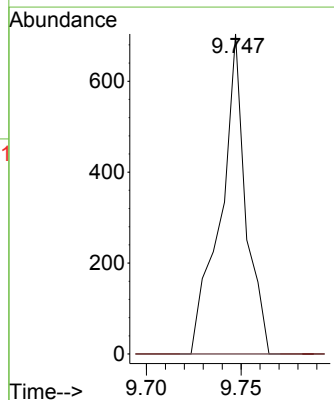
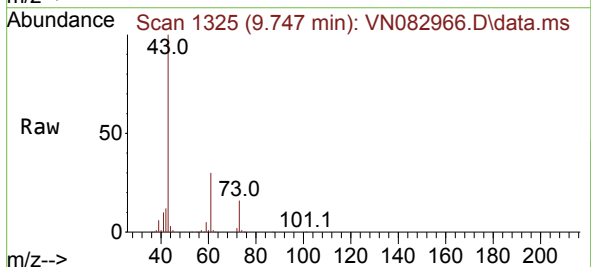
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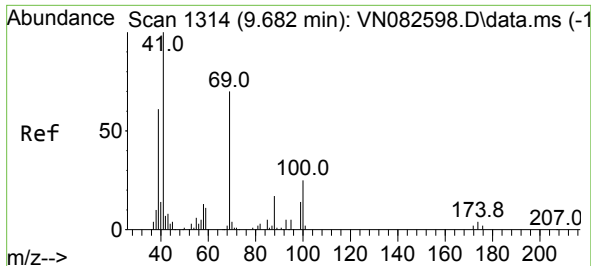
Tgt Ion: 43 Resp: 102703
Ion Ratio Lower Upper
43 100
61 12.6 17.8 26.6#
87 8.1 8.2 12.2#



#45
1,2-Dichloropropane
Concen: 0.676 ug/l
RT: 9.747 min Scan# 1325
Delta R.T. 0.124 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 63 Resp: 649
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#

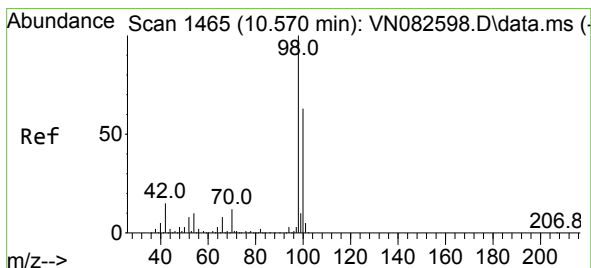
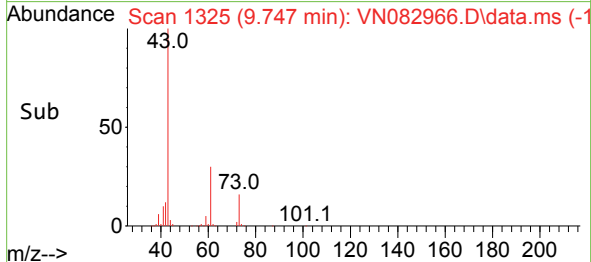
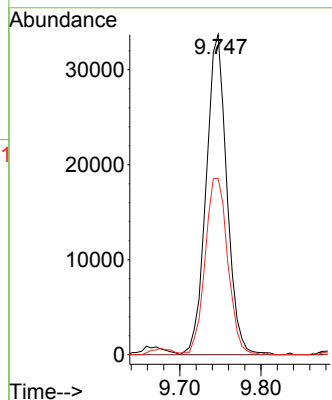
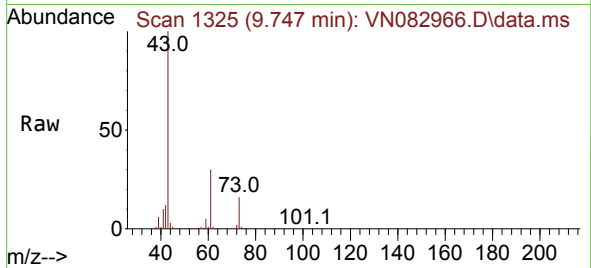




#48
Methyl methacrylate
Concen: 55.937 ug/l
RT: 9.747 min Scan# 11
Delta R.T. 0.065 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

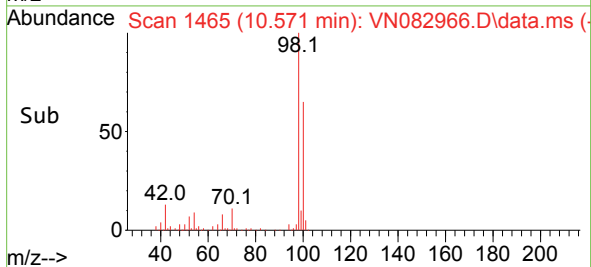
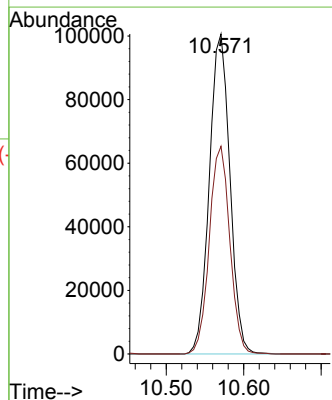
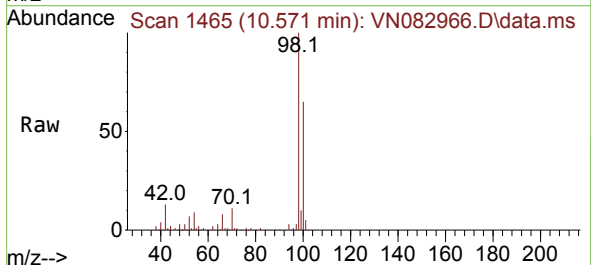
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

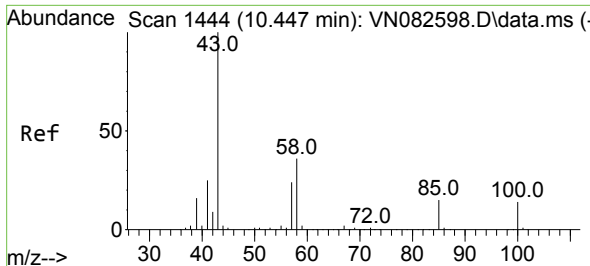
Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	56.3	84.5#
39	60.3	50.3	75.5



#50
Toluene-d8
Concen: 51.879 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.5	77.3

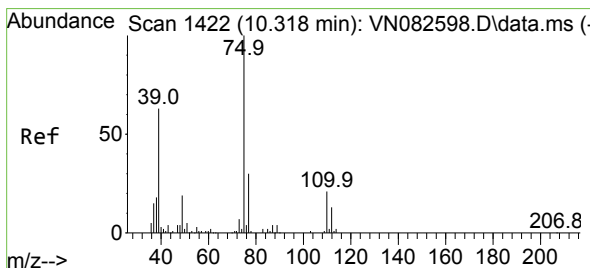
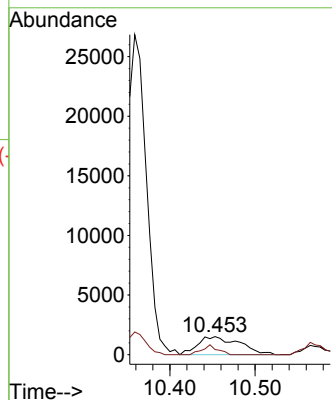
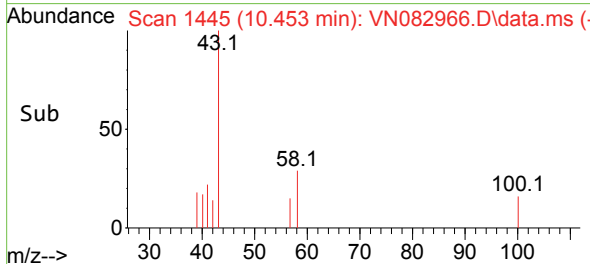
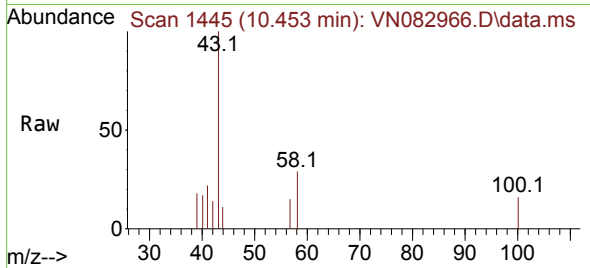




#51
4-Methyl-2-Pentanone
Concen: 3.839 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

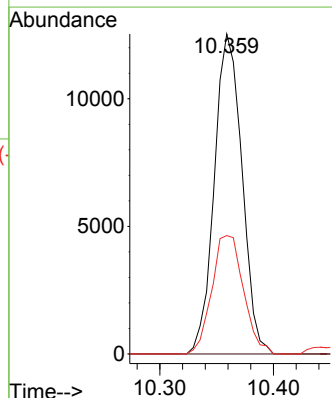
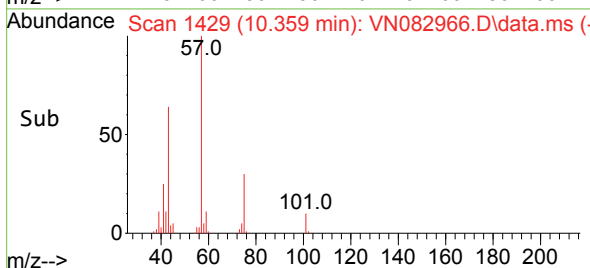
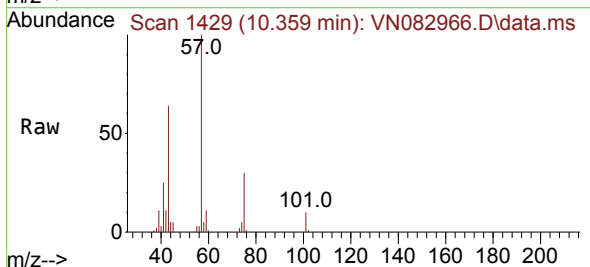
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

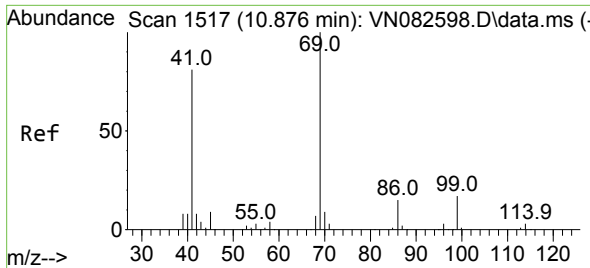
Tgt Ion: 43 Resp: 5179
Ion Ratio Lower Upper
43 100
58 19.9 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 12.592 ug/l
RT: 10.359 min Scan# 1429
Delta R.T. 0.041 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 75 Resp: 21213
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 37.0 50.5 75.7#

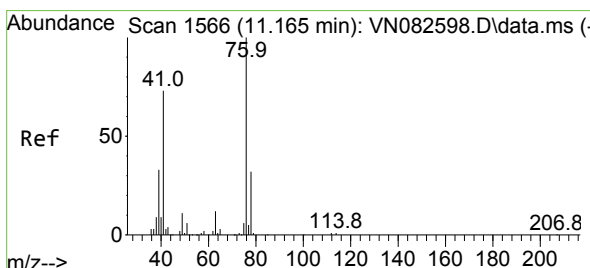
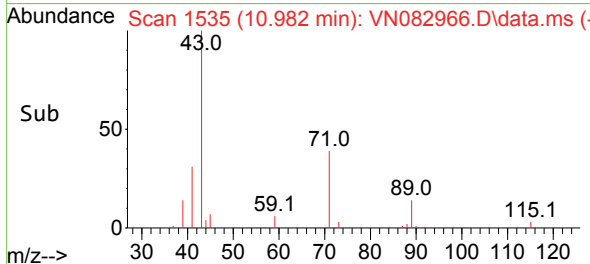
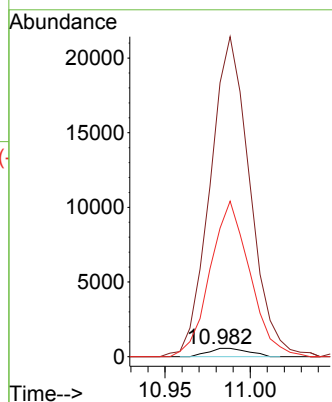
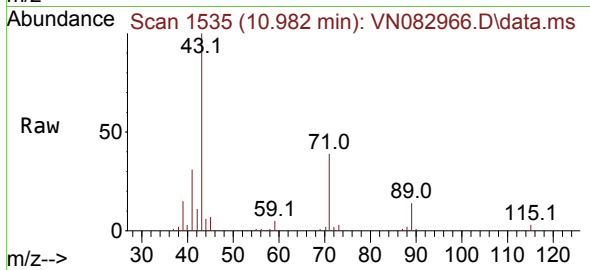




#56
Ethyl methacrylate
Concen: 0.620 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.106 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

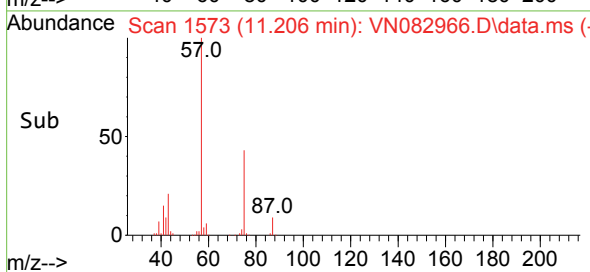
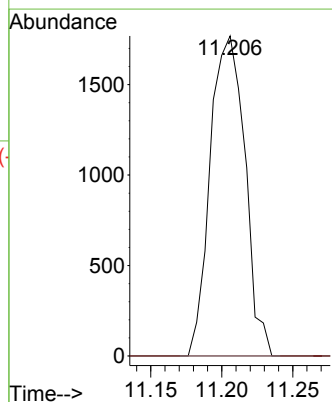
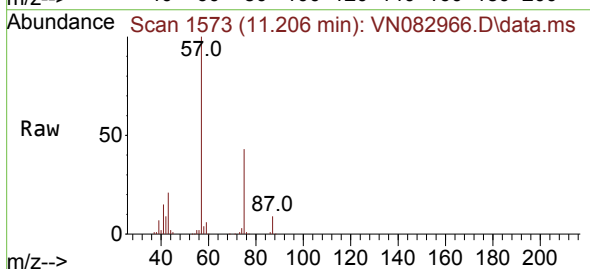
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

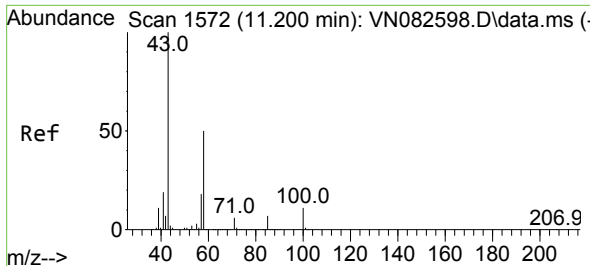
Tgt Ion: 69 Resp: 911
Ion Ratio Lower Upper
69 100
41 3830.5 63.4 95.2#
39 1854.6 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.801 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 76 Resp: 3011
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

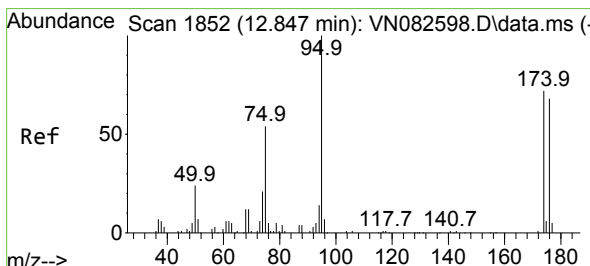
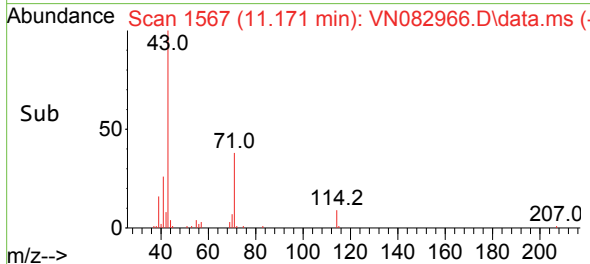
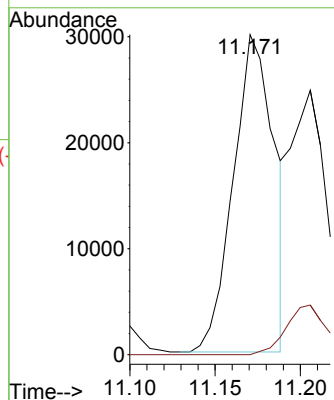
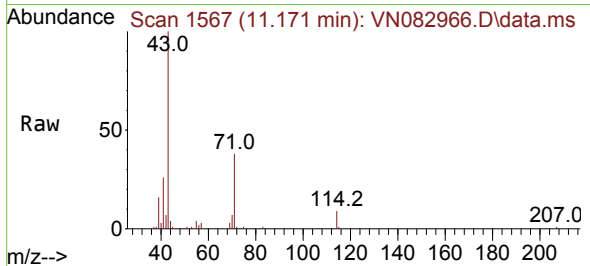




#59
2-Hexanone
Concen: 49.732 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.029 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

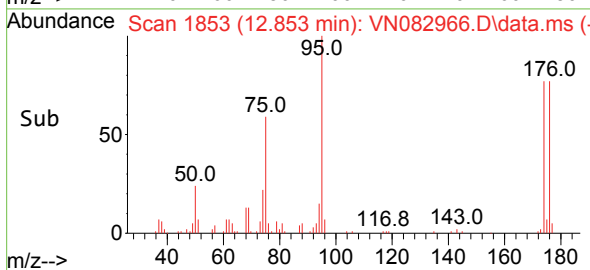
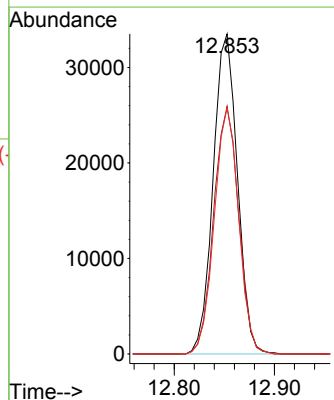
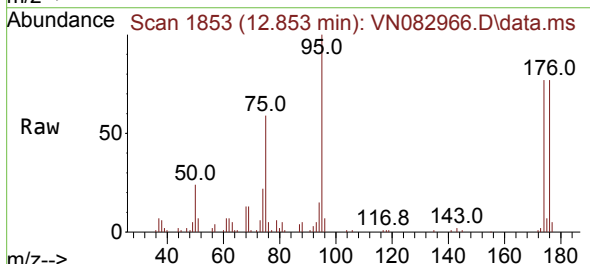
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

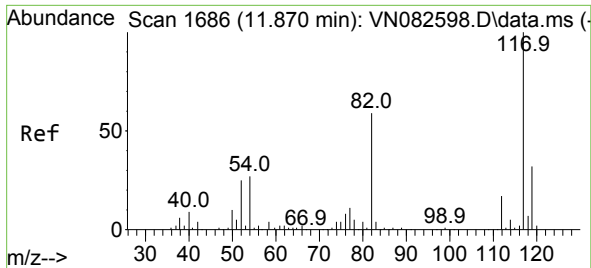
Tgt Ion: 43 Resp: 49878
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 43.696 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 95 Resp: 56197
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.2
176 77.3 0.0 147.6

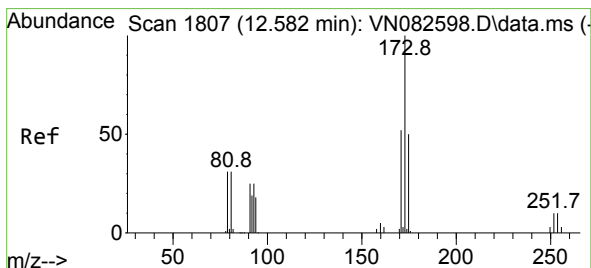
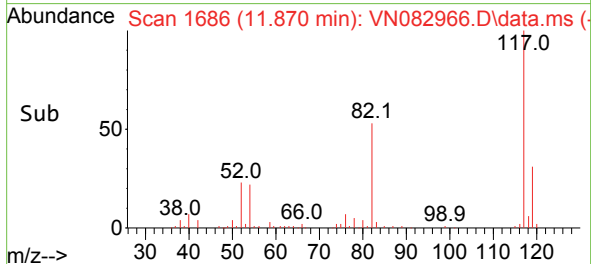
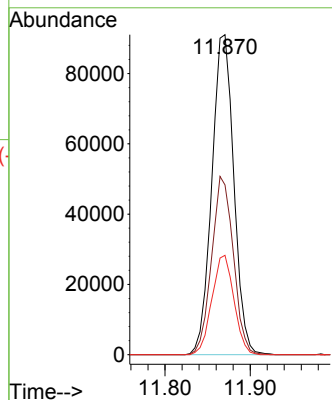
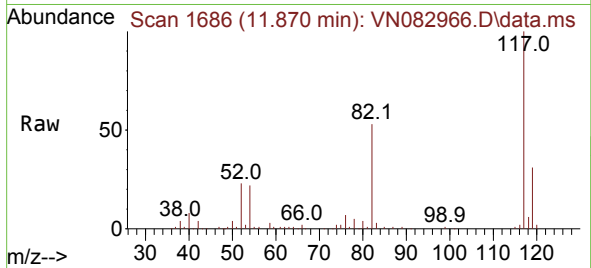




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

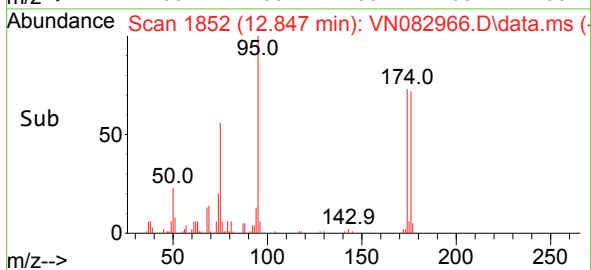
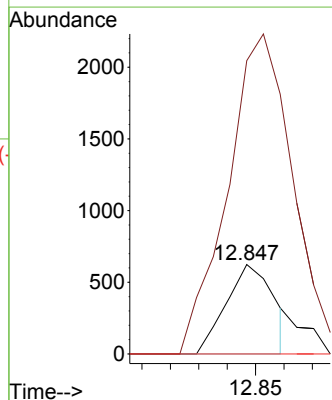
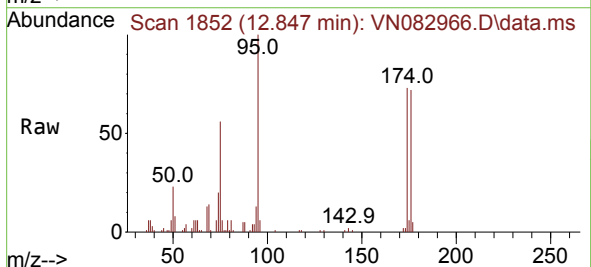
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

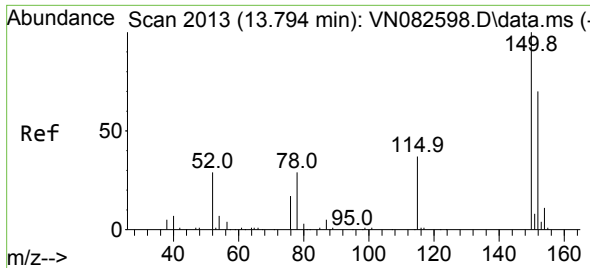
Tgt Ion:117 Resp: 163407
Ion Ratio Lower Upper
117 100
82 53.0 47.5 71.3
119 31.0 25.6 38.4



#71
Bromoform
Concen: 0.742 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion:173 Resp: 727
Ion Ratio Lower Upper
173 100
175 405.1 24.0 72.0#
254 0.0 0.0 0.0

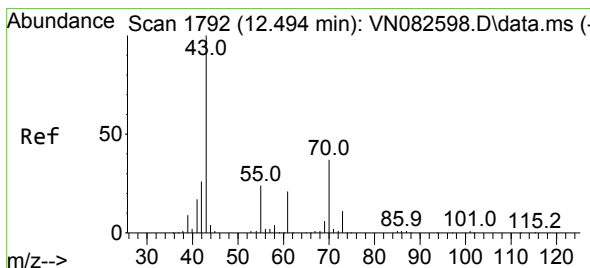
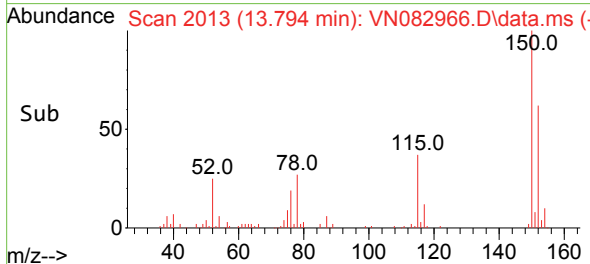
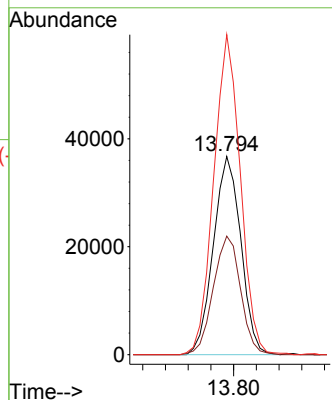
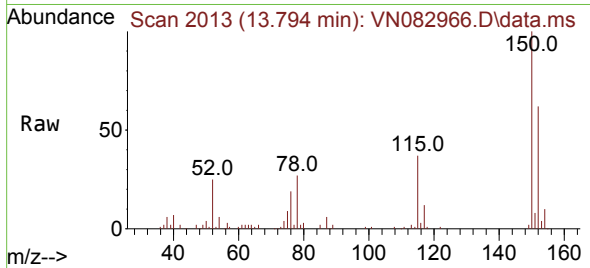




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

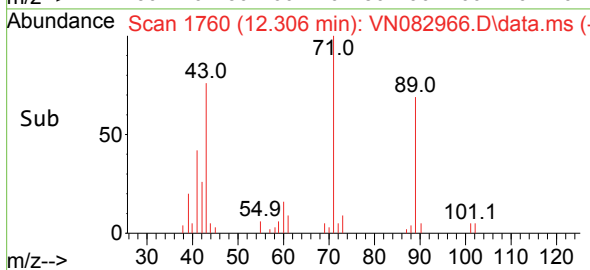
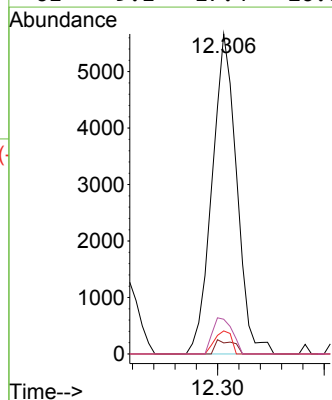
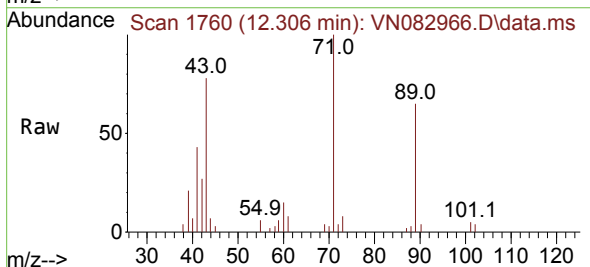
Instrument :
MSVOA_N
ClientSampleId :
WC-S-02-202407

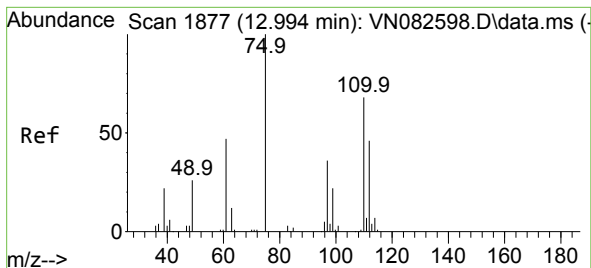
Tgt Ion:152 Resp: 61637
Ion Ratio Lower Upper
152 100
115 59.4 30.6 91.6
150 156.6 0.0 348.6



#74
N-ethyl acetate
Concen: 4.911 ug/l
RT: 12.306 min Scan# 1760
Delta R.T. -0.188 min
Lab File: VN082966.D
Acq: 17 Jul 2024 16:24

Tgt Ion: 43 Resp: 9098
Ion Ratio Lower Upper
43 100
70 3.3 29.8 44.6#
55 4.9 18.7 28.1#
61 9.1 17.4 26.0#





#76

1,2,3-Trichloropropane

Concen: 30.586 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082966.D

Acq: 17 Jul 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

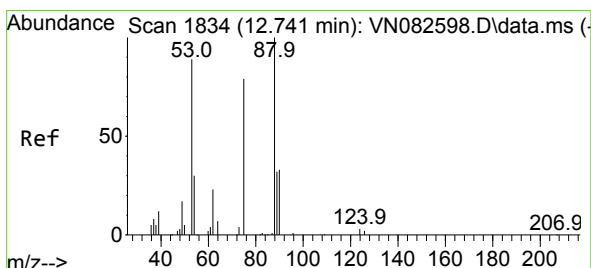
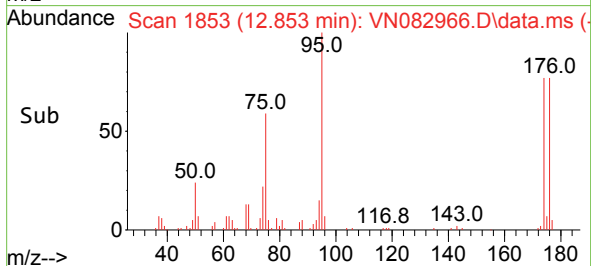
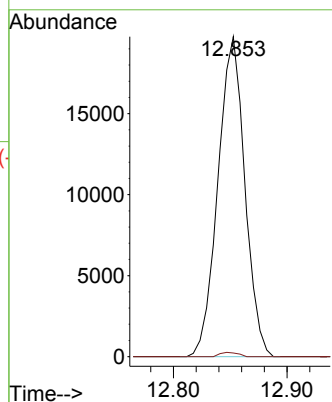
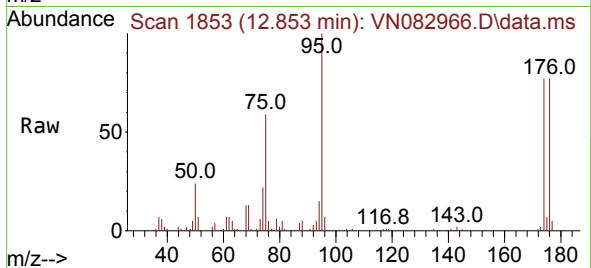
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Tgt Ion: 75 Resp: 32502

Ion Ratio Lower Upper

75 100

77 0.9 110.9 332.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.153 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN082966.D

Acq: 17 Jul 2024 16:24

Tgt Ion: 75 Resp: 32502

Ion Ratio Lower Upper

75 100

53 0.0 88.4 132.6#

89 0.0 36.3 54.5#

