

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071624\
 Data File : VN082941.D
 Acq On : 16 Jul 2024 17:35
 Operator : JC\MD
 Sample : P3246-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 00:58:34 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

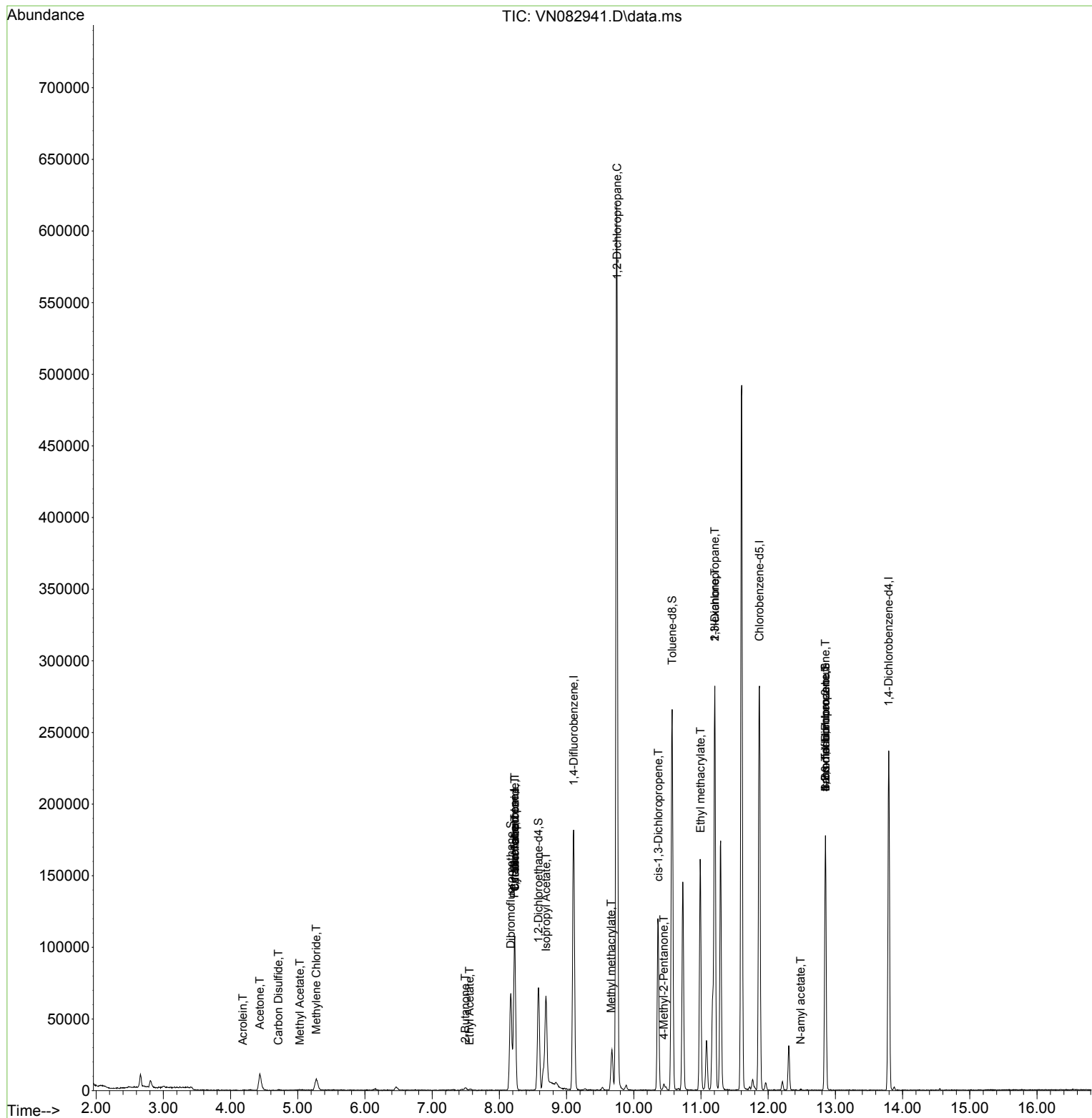
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	72834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	151702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	161695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61932	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	58688	57.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.960%
35) Dibromofluoromethane	8.171	113	47824	49.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.260%
50) Toluene-d8	10.571	98	180028	50.072	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.140%
62) 4-Bromofluorobenzene	12.853	95	56030	43.384	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	86.760%
Target Compounds						
					Qvalue	
13) Acrolein	4.183	56	53	0.427	ug/l #	14
16) Acetone	4.436	43	20848	57.998	ug/l	96
17) Carbon Disulfide	4.712	76	639	0.288	ug/l #	75
18) Methyl Acetate	5.030	43	528	0.555	ug/l #	56
20) Methylene Chloride	5.277	84	5985	6.894	ug/l	87
25) 2-Butanone	7.494	43	3083	5.680	ug/l	96
31) Cyclohexane	8.230	56	2003	1.501	ug/l #	45
36) 1,1-Dichloropropene	8.230	75	6996	5.213	ug/l #	50
37) Ethyl Acetate	7.559	43	1475	1.079	ug/l #	72
38) Carbon Tetrachloride	8.230	117	8628	5.339	ug/l #	17
43) Isopropyl Acetate	8.694	43	86776	32.651	ug/l #	87
45) 1,2-Dichloropropane	9.753	63	535	0.555	ug/l #	44
48) Methyl methacrylate	9.665	41	1851	1.728	ug/l #	52
51) 4-Methyl-2-Pentanone	10.447	43	3066	2.263	ug/l #	87
54) cis-1,3-Dichloropropene	10.365	75	20206	11.944	ug/l #	61
56) Ethyl methacrylate	10.994	69	1130	0.766	ug/l #	1
57) 1,3-Dichloropropane	11.206	76	2942	1.753	ug/l #	43
59) 2-Hexanone	11.206	43	33351	33.115	ug/l #	62
71) Bromoform	12.853	173	491	0.507	ug/l #	1
74) N-amyl acetate	12.482	43	385	0.207	ug/l #	46
76) 1,2,3-Trichloropropane	12.853	75	32042	30.009	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	32042	59.019	ug/l #	6

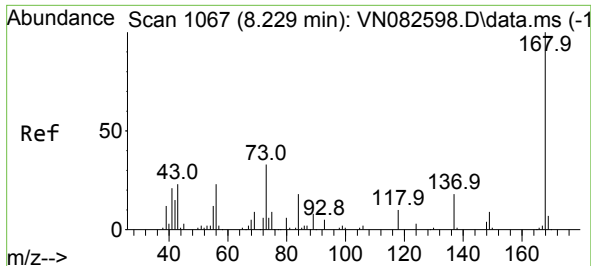
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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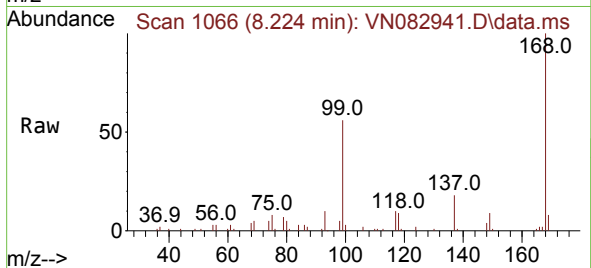
Quant Time: Jul 17 00:58:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
Response via : Initial Calibration



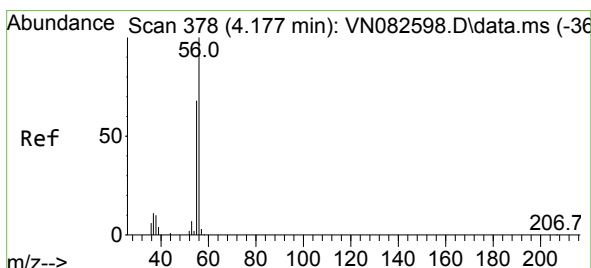
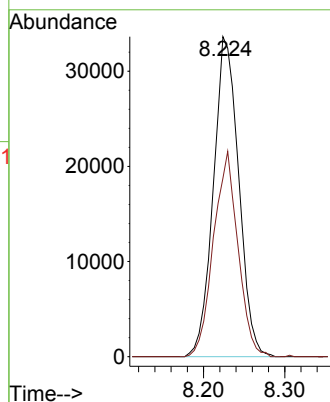
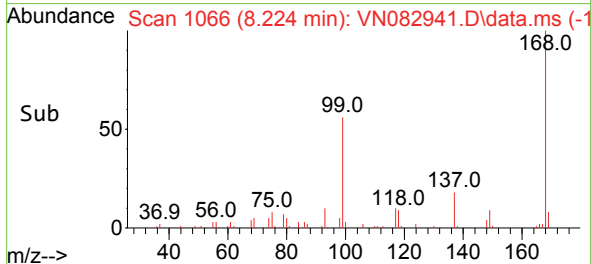


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :

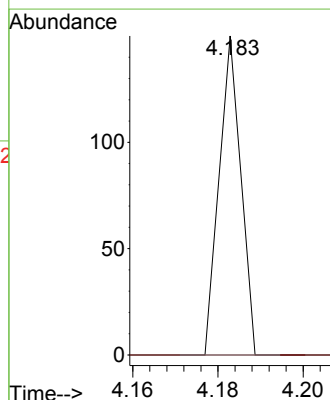
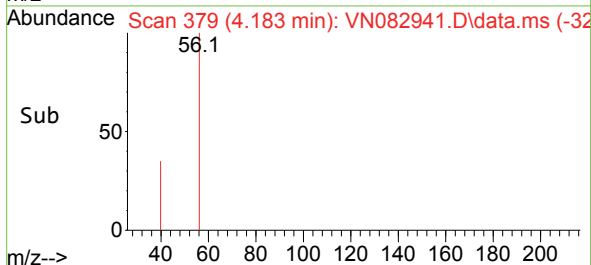
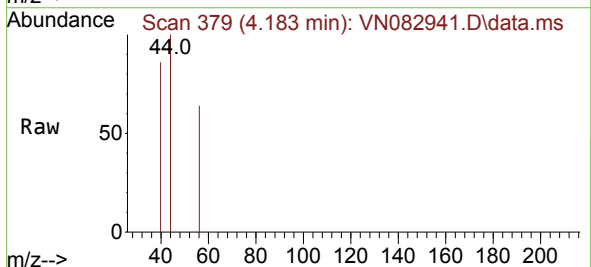


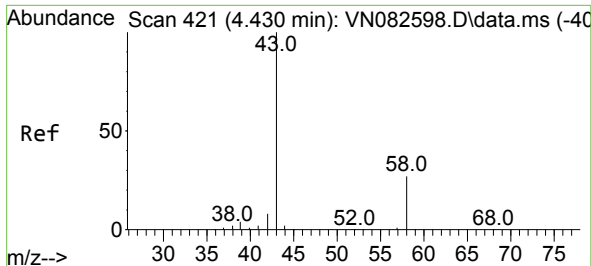
Tgt Ion:168 Resp: 72834
Ion Ratio Lower Upper
168 100
99 55.8 48.2 72.4



#13
Acrolein
Concen: 0.427 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#





#16

Acetone

Concen: 57.998 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN082941.D

Acq: 16 Jul 2024 17:35

Instrument :

MSVOA_N

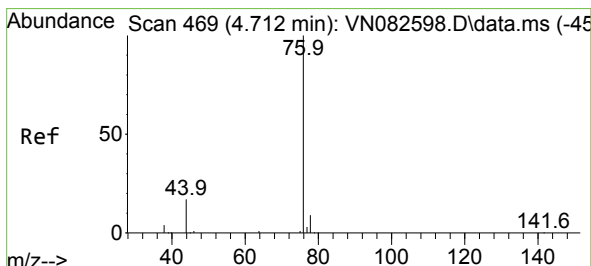
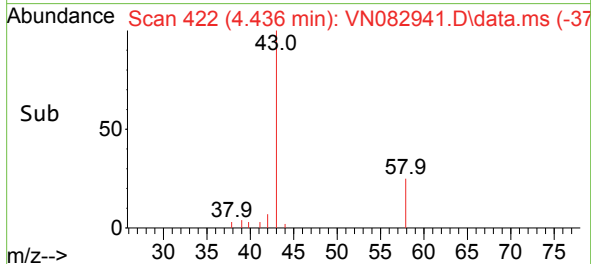
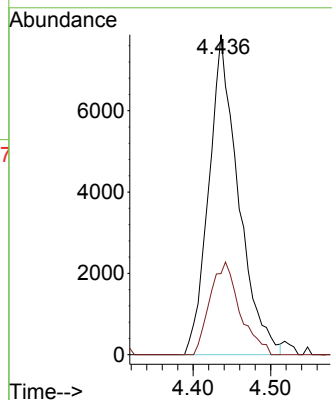
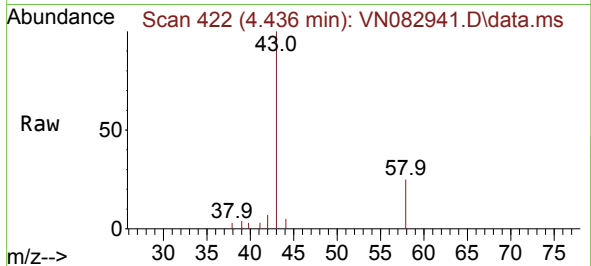
ClientSampleId :

Tgt Ion: 43 Resp: 20848

Ion Ratio Lower Upper

43 100

58 25.3 21.8 32.6



#17

Carbon Disulfide

Concen: 0.288 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.000 min

Lab File: VN082941.D

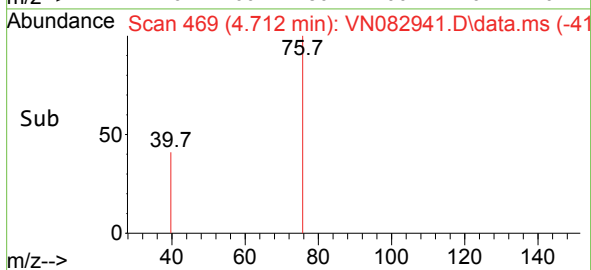
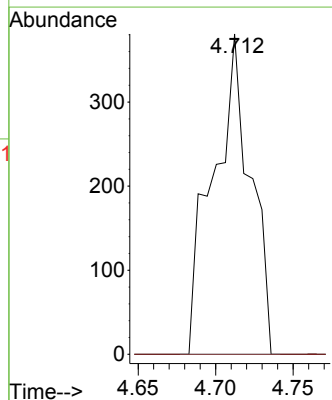
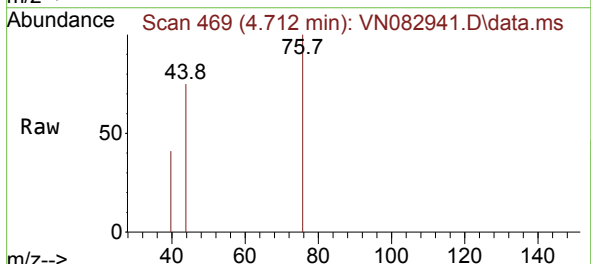
Acq: 16 Jul 2024 17:35

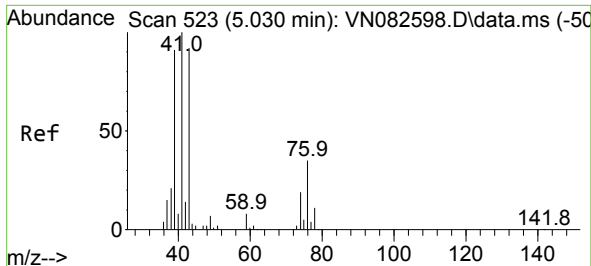
Tgt Ion: 76 Resp: 639

Ion Ratio Lower Upper

76 100

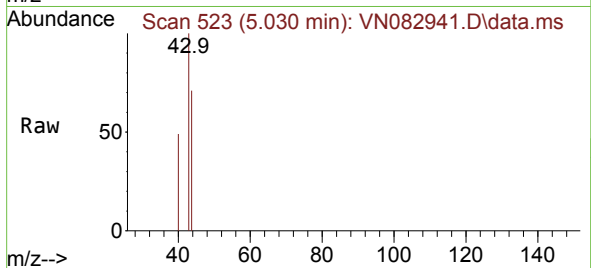
78 0.0 7.2 10.8#



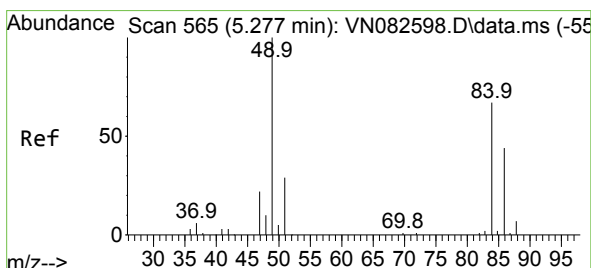
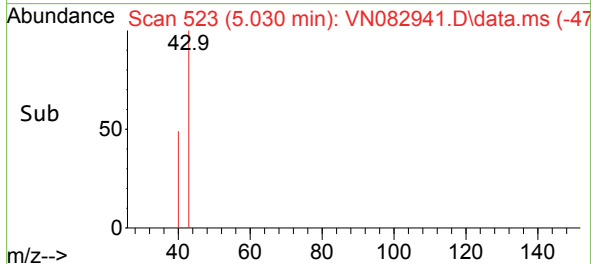
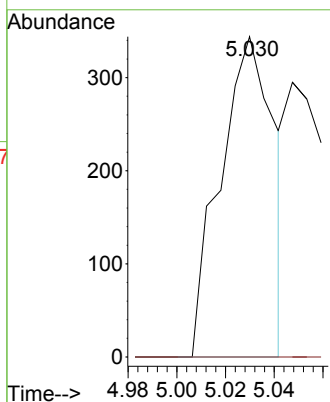


#18
Methyl Acetate
Concen: 0.555 ug/l
RT: 5.030 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :

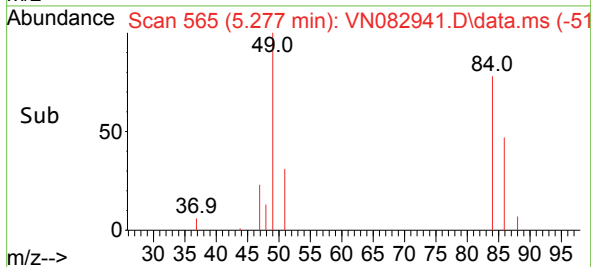
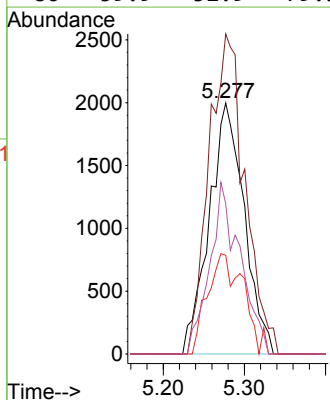
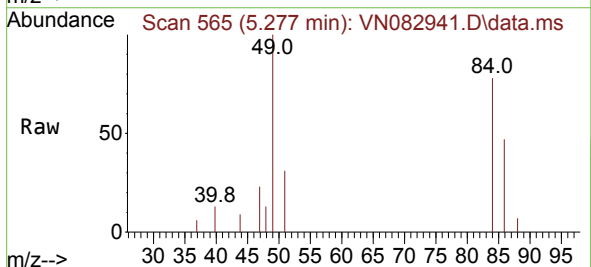


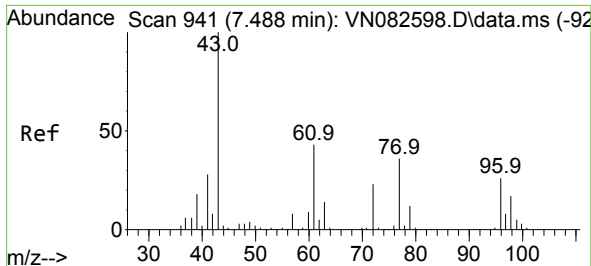
Tgt Ion: 43 Resp: 528
Ion Ratio Lower Upper
43 100
74 0.0 16.3 24.5#



#20
Methylene Chloride
Concen: 6.894 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 84 Resp: 5985
Ion Ratio Lower Upper
84 100
49 127.5 119.6 179.4
51 39.4 34.8 52.2
86 59.9 52.9 79.3

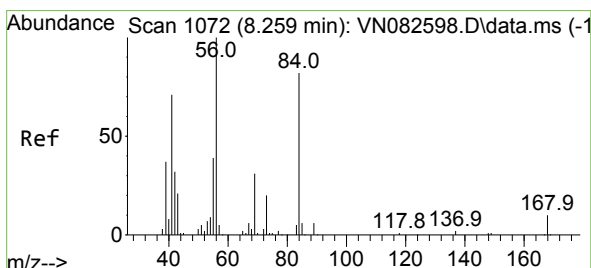
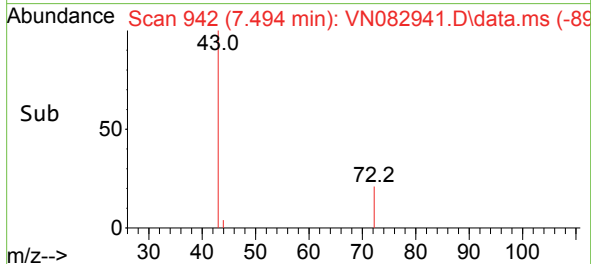
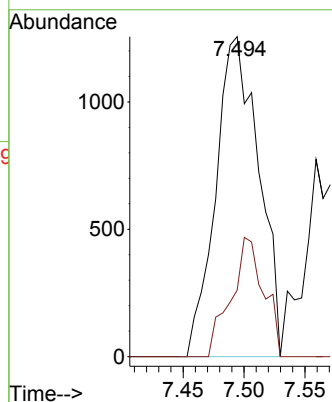
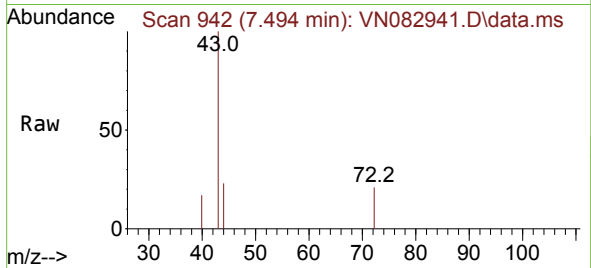




#25
2-Butanone
Concen: 5.680 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

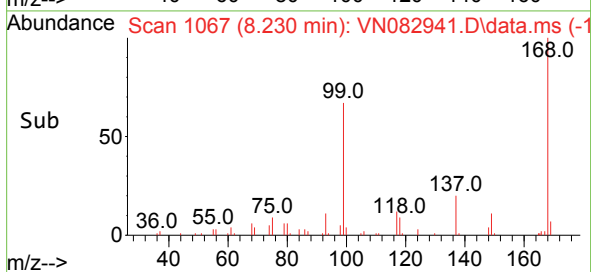
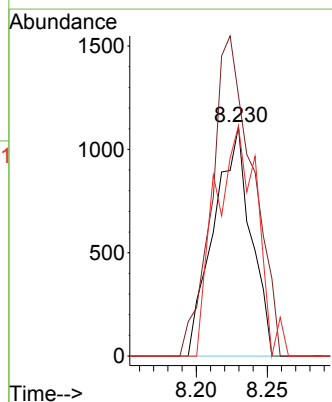
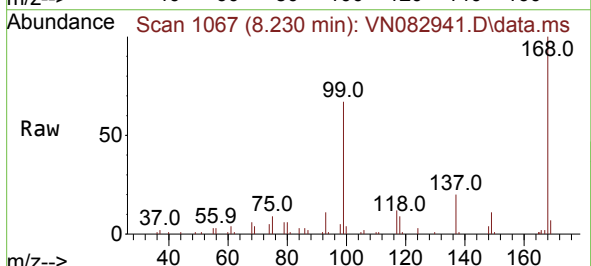
Instrument :
MSVOA_N
ClientSampleId :

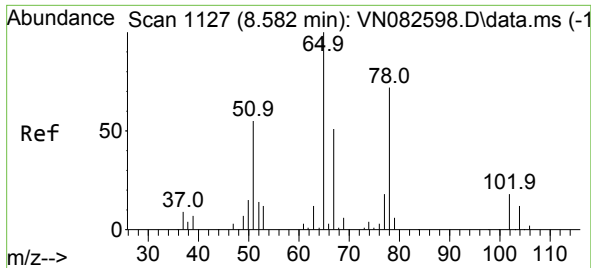
Tgt Ion: 43 Resp: 3083
Ion Ratio Lower Upper
43 100
72 20.8 18.2 27.2



#31
Cyclohexane
Concen: 1.501 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 56 Resp: 2003
Ion Ratio Lower Upper
56 100
69 113.7 24.5 36.7#
84 100.2 66.0 99.0#

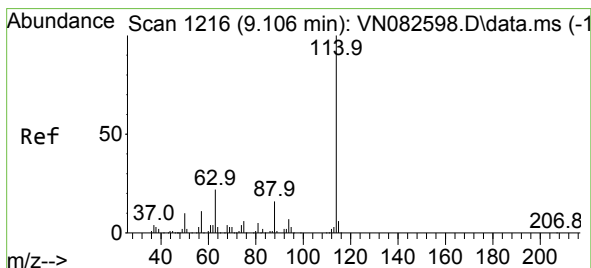
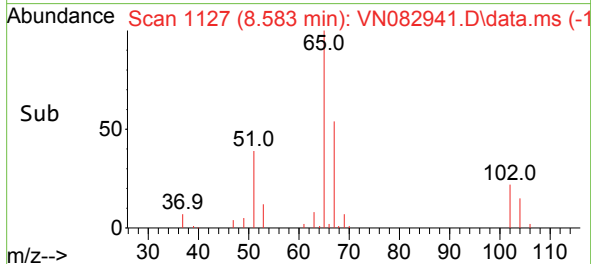
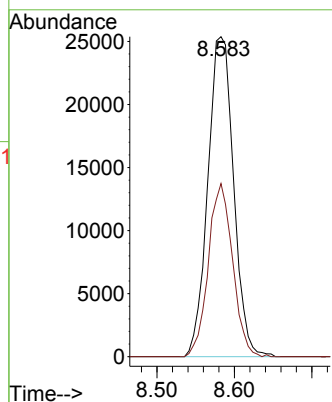
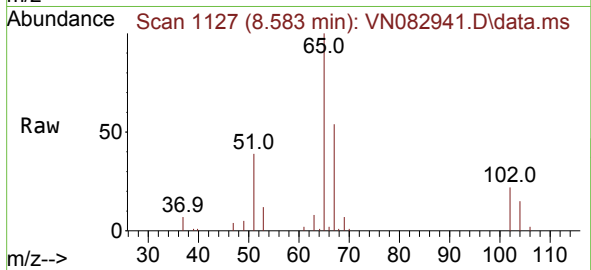




#33
 1,2-Dichloroethane-d4
 Concen: 57.482 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.001 min
 Lab File: VN082941.D
 Acq: 16 Jul 2024 17:35

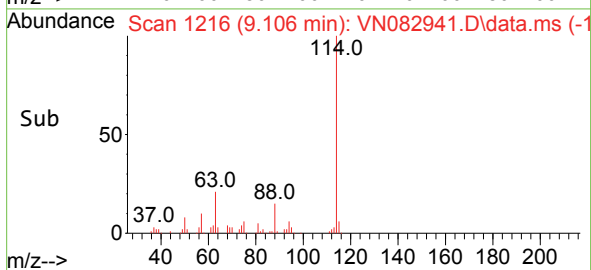
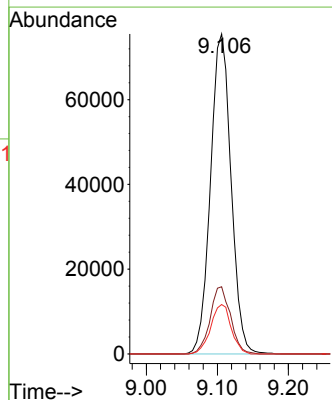
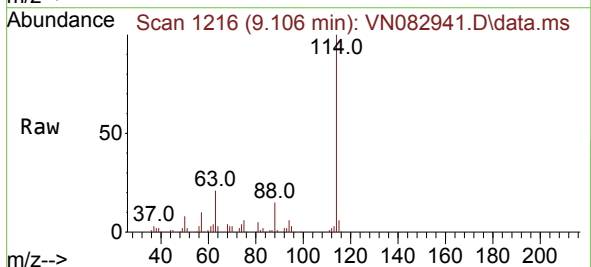
Instrument :
 MSVOA_N
 ClientSampleId :

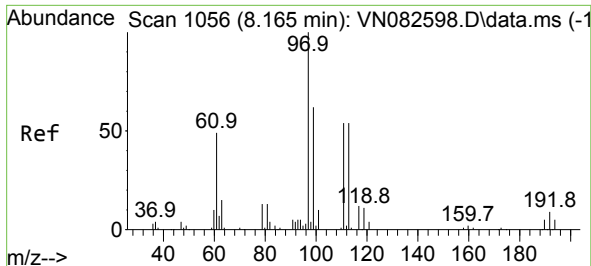
Tgt Ion: 65 Resp: 58688
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN082941.D
 Acq: 16 Jul 2024 17:35

Tgt Ion: 114 Resp: 151702
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 44.6
 88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.129 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

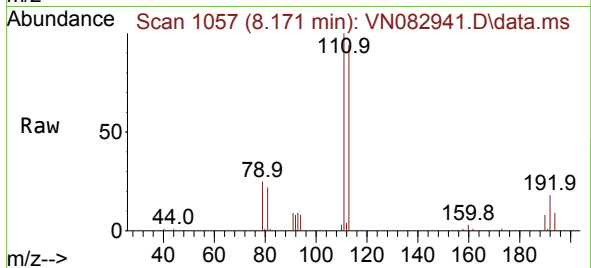
Lab File: VN082941.D

Acq: 16 Jul 2024 17:35

Instrument :

MSVOA_N

ClientSampleId :



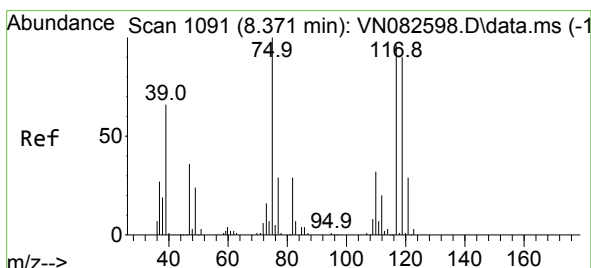
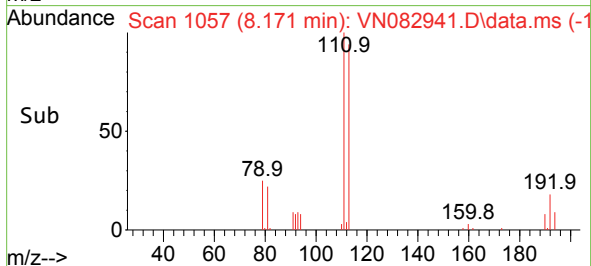
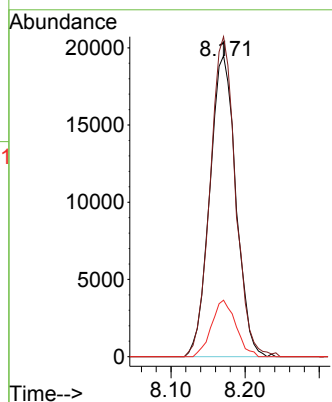
Tgt Ion:113 Resp: 47824

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 17.5 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.213 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082941.D

Acq: 16 Jul 2024 17:35

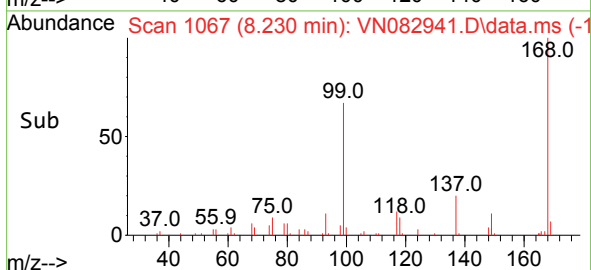
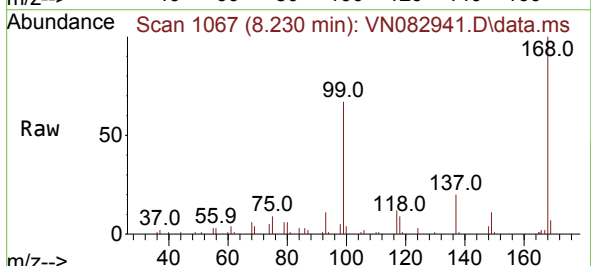
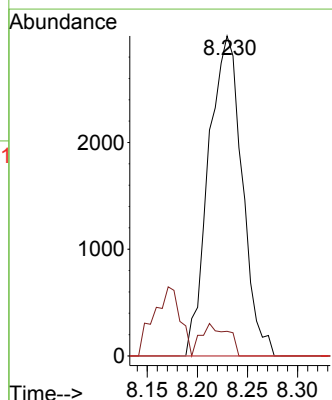
Tgt Ion: 75 Resp: 6996

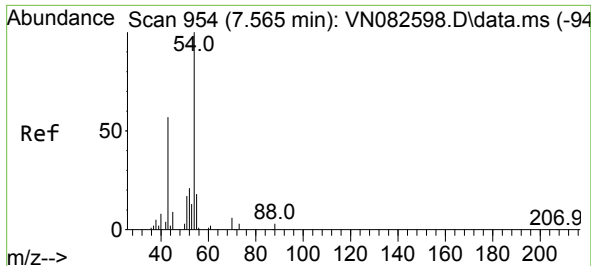
Ion Ratio Lower Upper

75 100

110 8.1 16.3 48.9#

77 0.0 24.6 37.0#





#37

Ethyl Acetate

Concen: 1.079 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

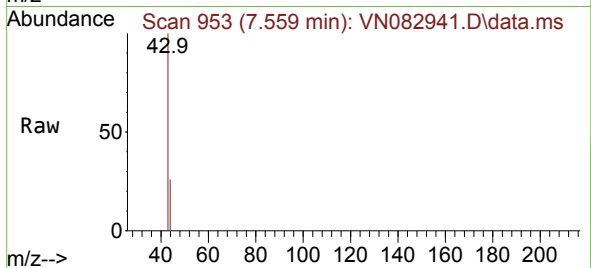
Lab File: VN082941.D

Acq: 16 Jul 2024 17:35

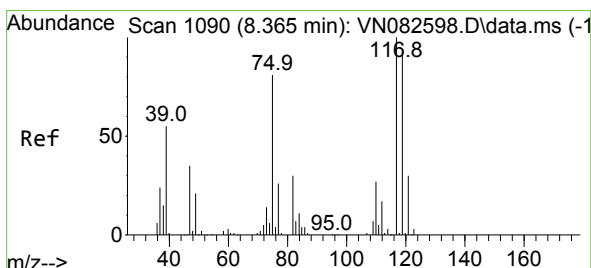
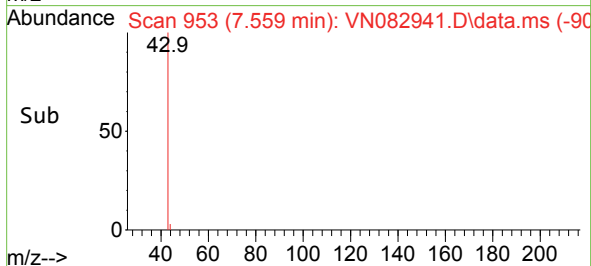
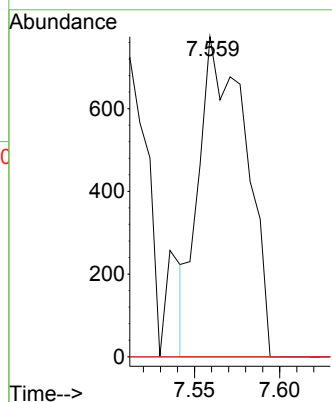
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	1475
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



#38

Carbon Tetrachloride

Concen: 5.339 ug/l

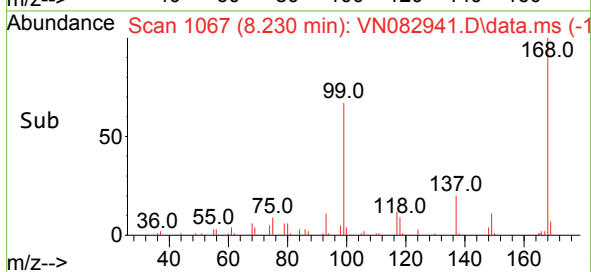
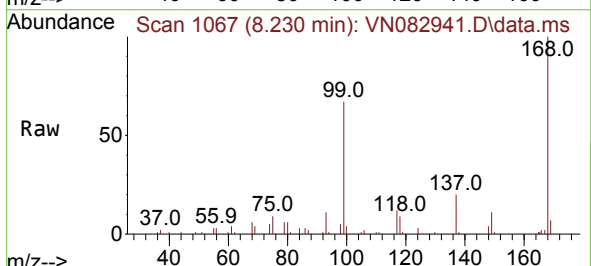
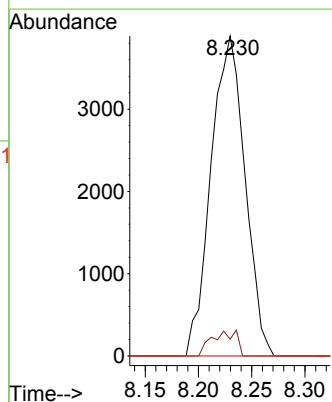
RT: 8.230 min Scan# 1067

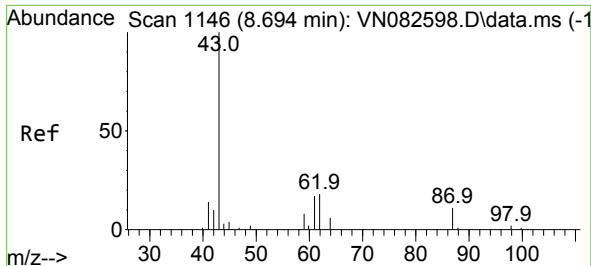
Delta R.T. -0.135 min

Lab File: VN082941.D

Acq: 16 Jul 2024 17:35

Tgt Ion:	117	Resp:	8628
Ion	Ratio	Lower	Upper
117	100		
119	5.2	74.9	112.3#
121	0.0	24.3	36.5#

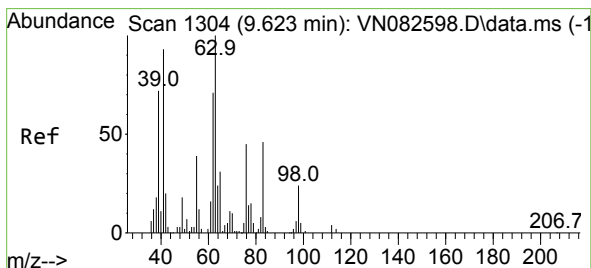
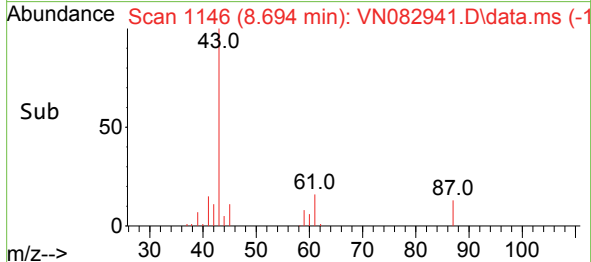
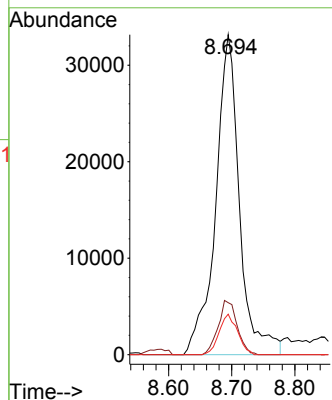
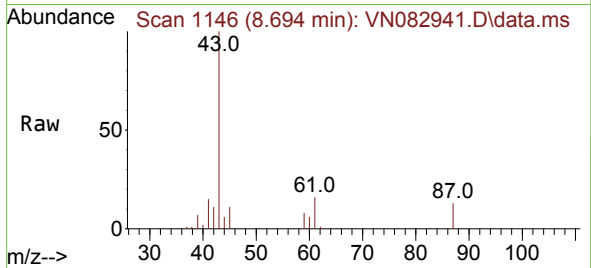




#43
Isopropyl Acetate
Concen: 32.651 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

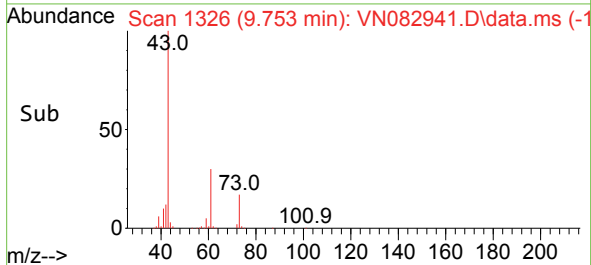
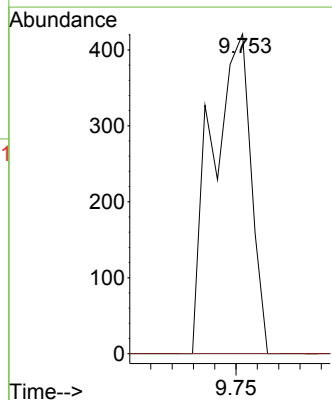
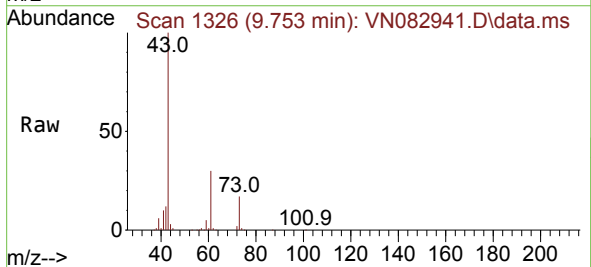
Instrument :
MSVOA_N
ClientSampleId :

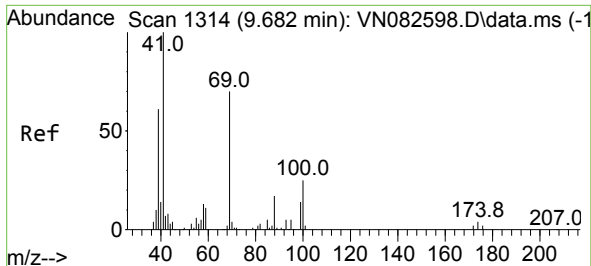
Tgt Ion: 43 Resp: 86776
Ion Ratio Lower Upper
43 100
61 13.4 17.8 26.6#
87 9.8 8.2 12.2



#45
1,2-Dichloropropane
Concen: 0.555 ug/l
RT: 9.753 min Scan# 1326
Delta R.T. 0.130 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

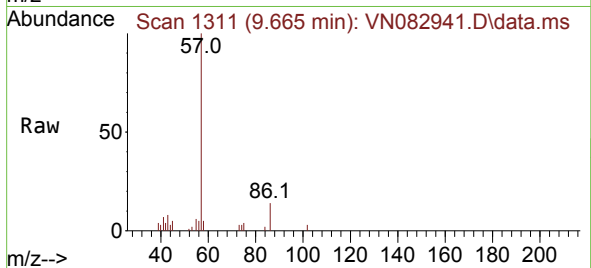
Tgt Ion: 63 Resp: 535
Ion Ratio Lower Upper
63 100
65 0.0 24.4 36.6#



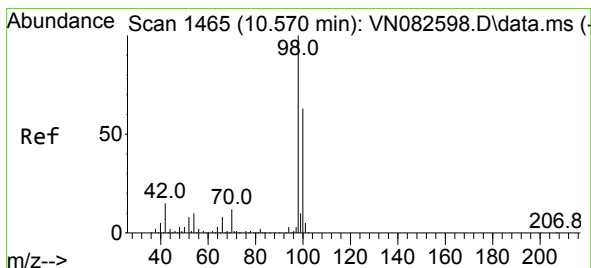
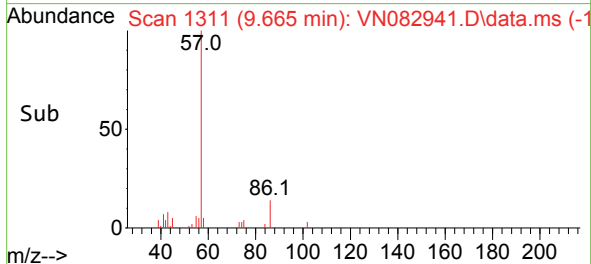
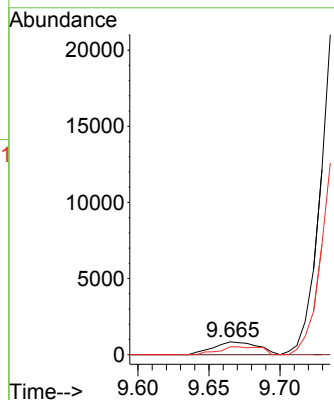


#48
Methyl methacrylate
Concen: 1.728 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :

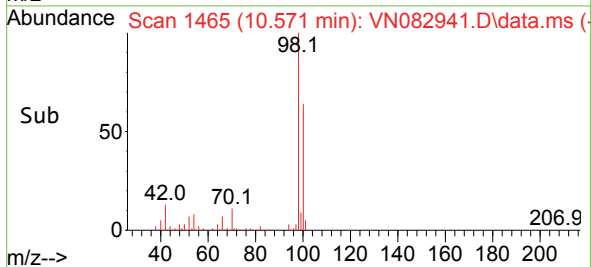
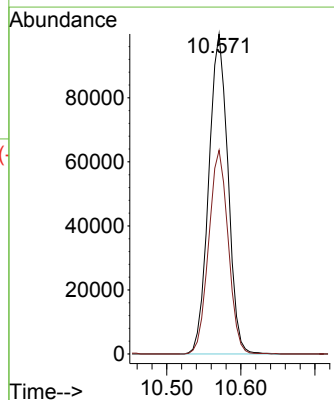
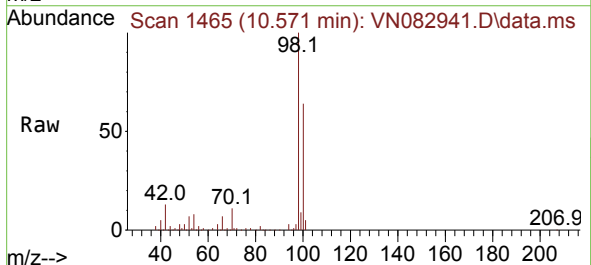


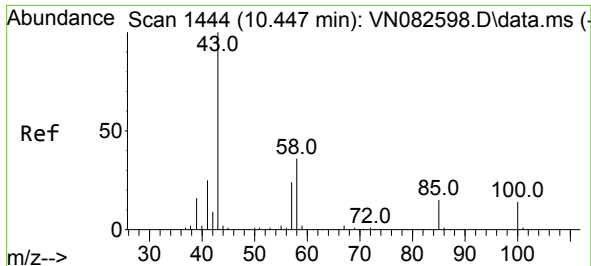
Tgt Ion: 41 Resp: 1851
Ion Ratio Lower Upper
41 100
69 0.0 56.3 84.5#
39 58.1 50.3 75.5



#50
Toluene-d8
Concen: 50.072 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 98 Resp: 180028
Ion Ratio Lower Upper
98 100
100 64.6 51.5 77.3

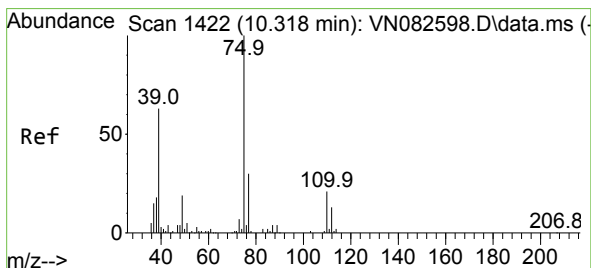
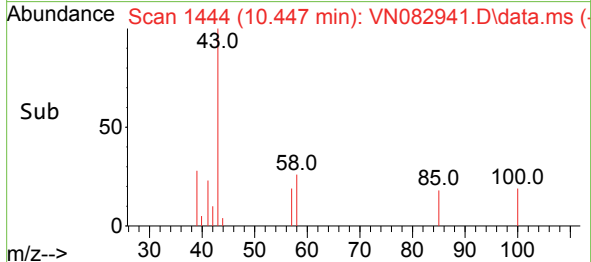
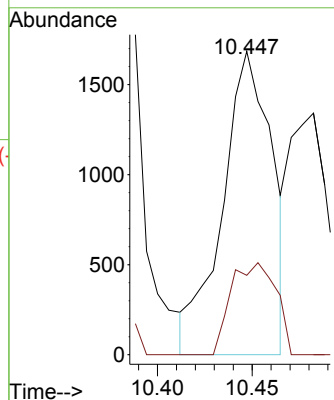
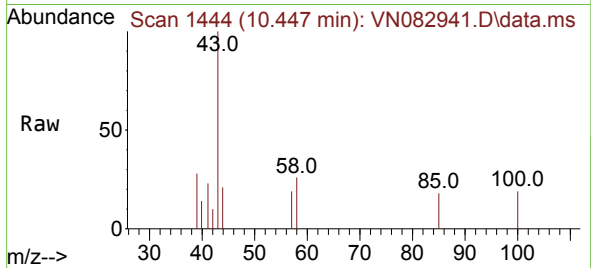




#51
4-Methyl-2-Pentanone
Concen: 2.263 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

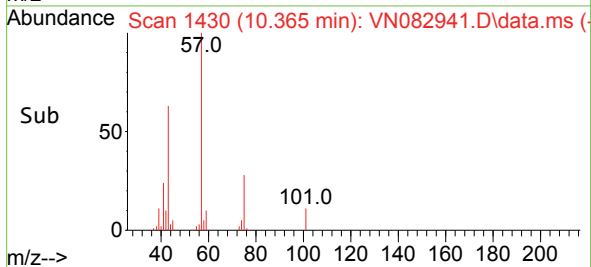
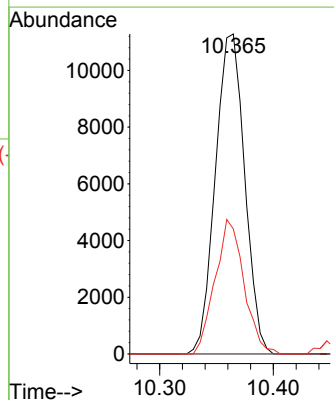
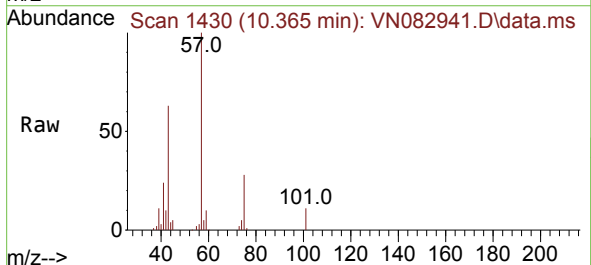
Instrument :
MSVOA_N
ClientSampleId :

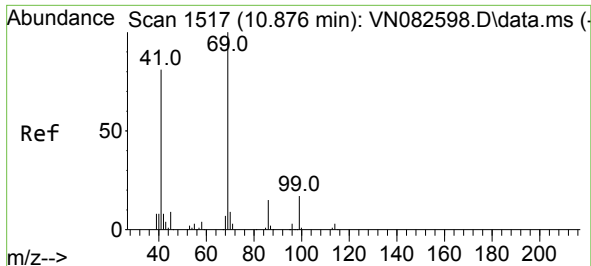
Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 27.6 28.2 42.4#



#54
cis-1,3-Dichloropropene
Concen: 11.944 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 75 Resp: 20206
Ion Ratio Lower Upper
75 100
77 0.0 24.3 36.5#
39 39.1 50.5 75.7#

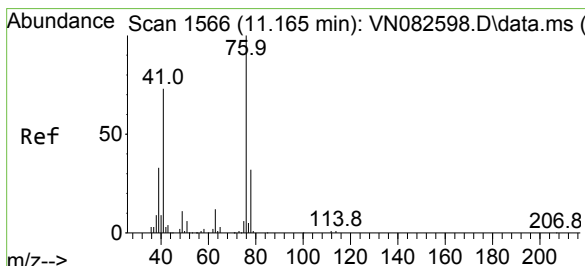
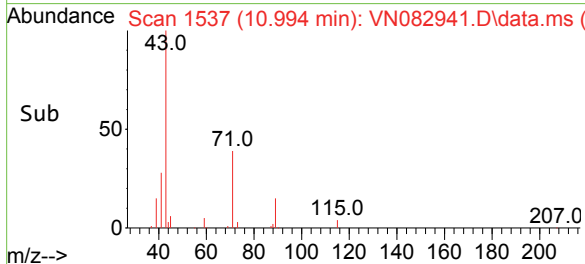
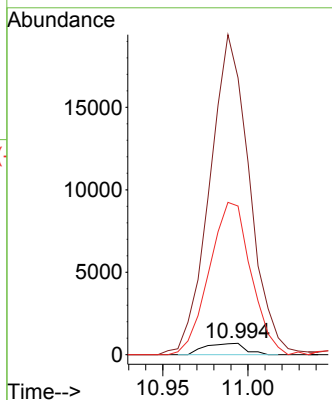
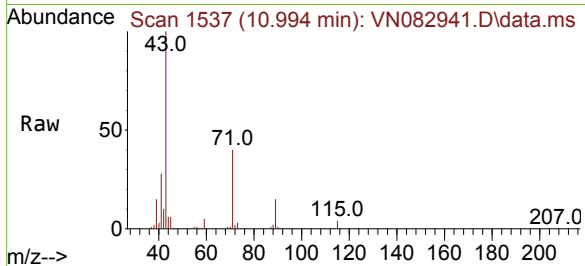




#56
Ethyl methacrylate
Concen: 0.766 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. 0.118 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

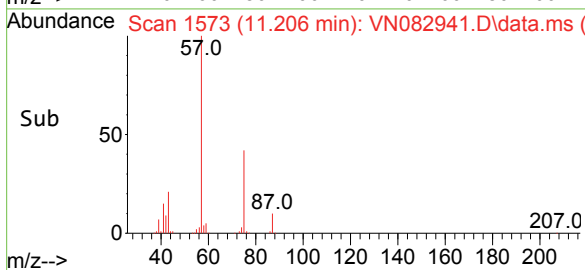
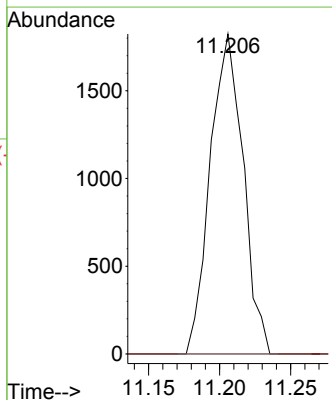
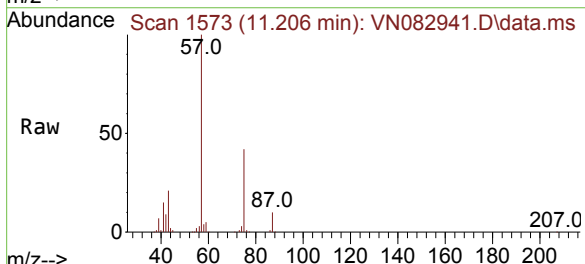
Instrument :
MSVOA_N
ClientSampleId :

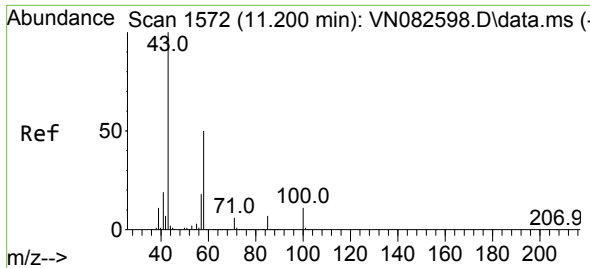
Tgt Ion: 69 Resp: 1130
Ion Ratio Lower Upper
69 100
41 2802.3 63.4 95.2#
39 1397.0 37.4 56.0#



#57
1,3-Dichloropropane
Concen: 1.753 ug/l
RT: 11.206 min Scan# 1573
Delta R.T. 0.041 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 76 Resp: 2942
Ion Ratio Lower Upper
76 100
78 0.0 25.6 38.4#

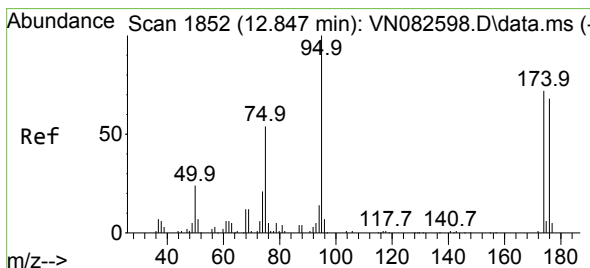
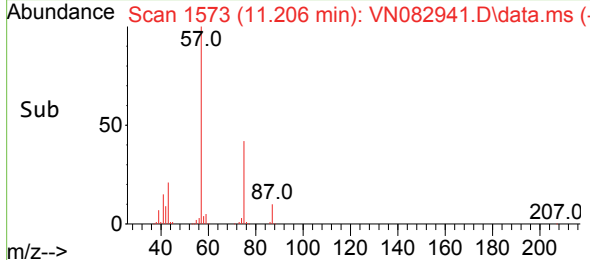
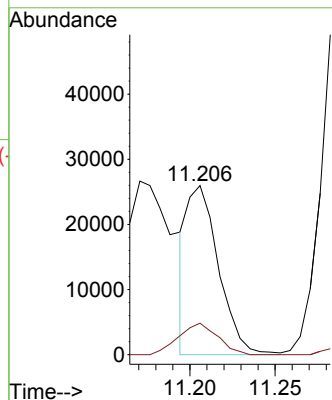
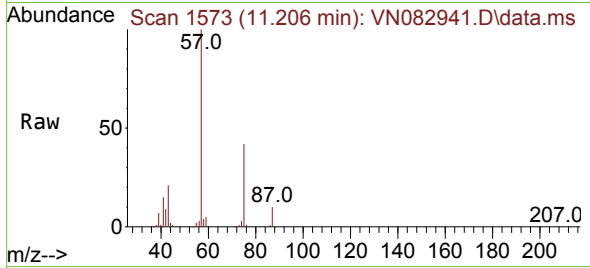




#59
2-Hexanone
Concen: 33.115 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

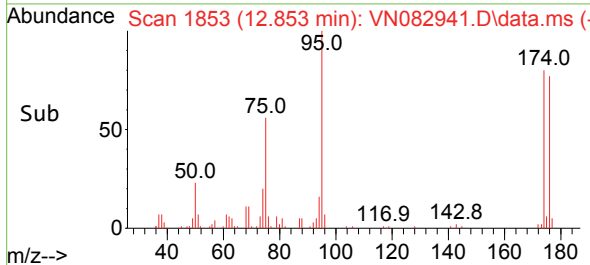
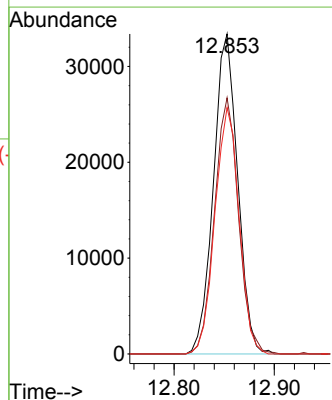
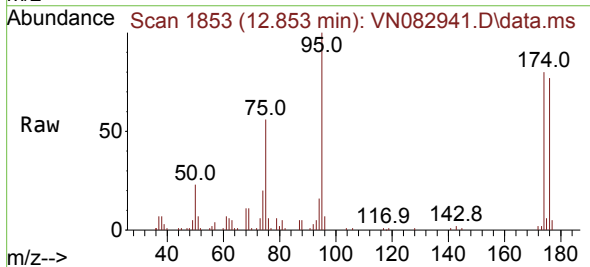
Instrument :
MSVOA_N
ClientSampleId :

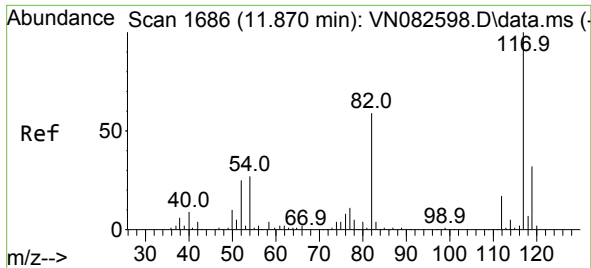
Tgt Ion: 43 Resp: 33351
Ion Ratio Lower Upper
43 100
58 23.2 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 43.384 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 95 Resp: 56030
Ion Ratio Lower Upper
95 100
174 79.6 0.0 159.2
176 77.0 0.0 147.6

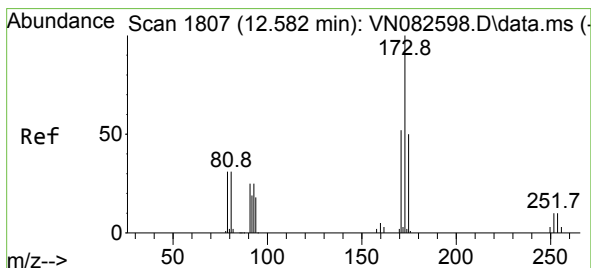
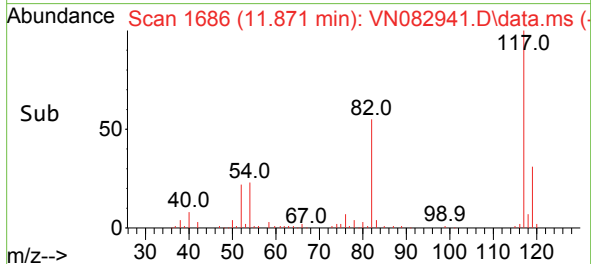
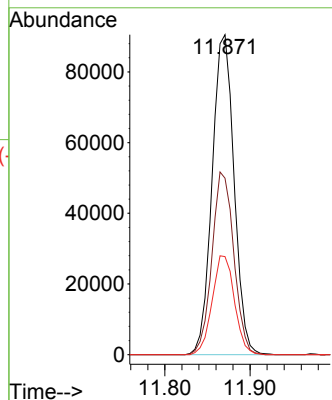
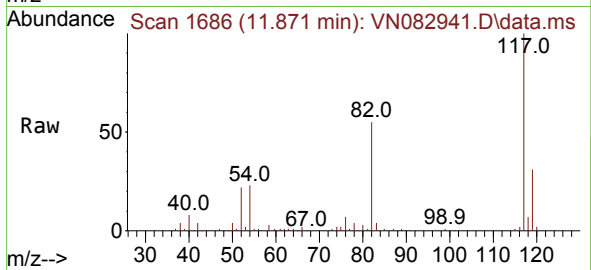




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

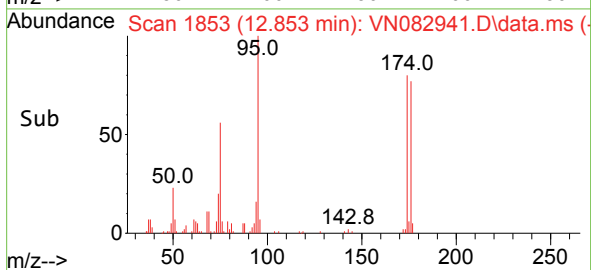
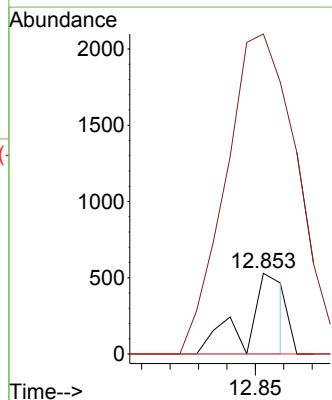
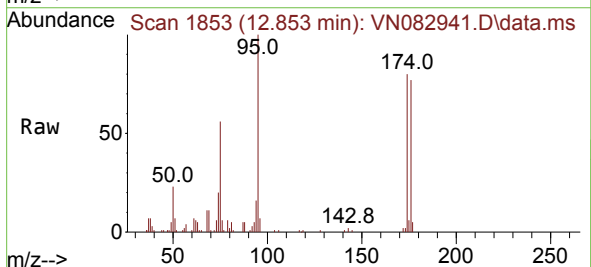
Instrument :
MSVOA_N
ClientSampleId :

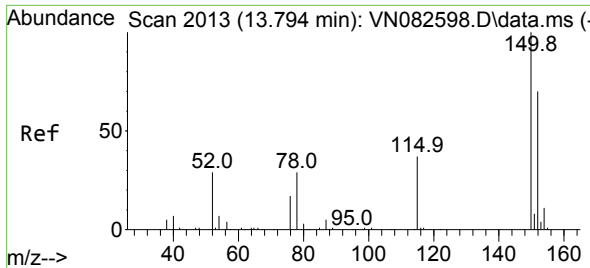
Tgt Ion:117 Resp: 161695
Ion Ratio Lower Upper
117 100
82 55.1 47.5 71.3
119 30.7 25.6 38.4



#71
Bromoform
Concen: 0.507 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.271 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion:173 Resp: 491
Ion Ratio Lower Upper
173 100
175 592.1 24.0 72.0#
254 0.0 0.0 0.0

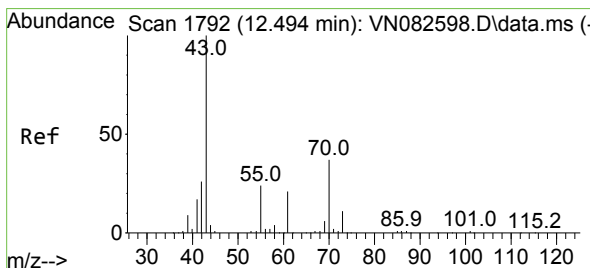
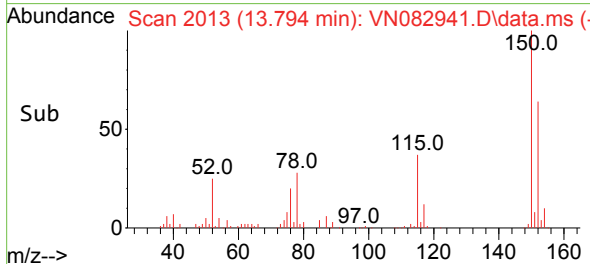
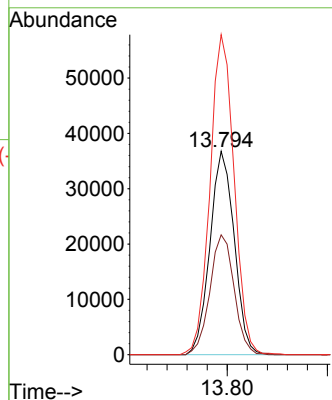
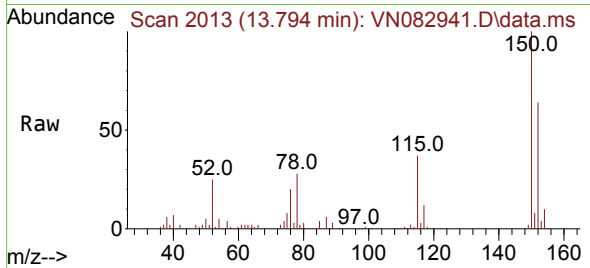




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

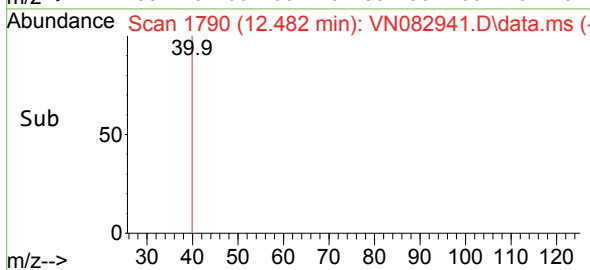
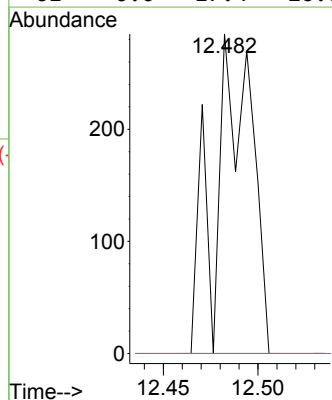
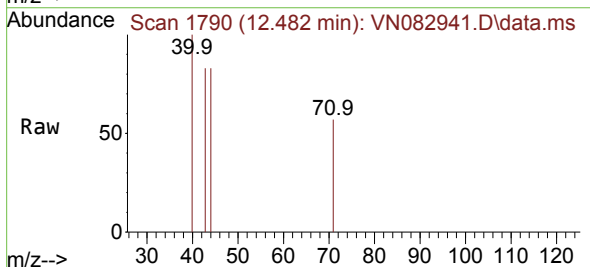
Instrument :
MSVOA_N
ClientSampleId :

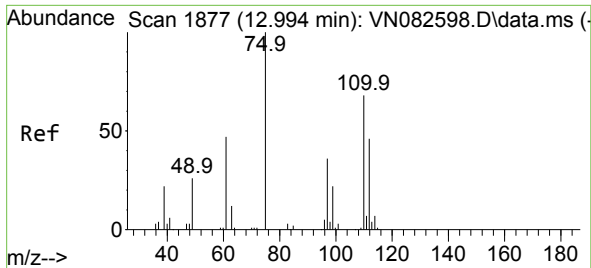
Tgt Ion:152 Resp: 61932
Ion Ratio Lower Upper
152 100
115 58.6 30.6 91.6
150 156.0 0.0 348.6



#74
N-ethyl acetate
Concen: 0.207 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.012 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
70 0.0 29.8 44.6#
55 0.0 18.7 28.1#
61 0.0 17.4 26.0#

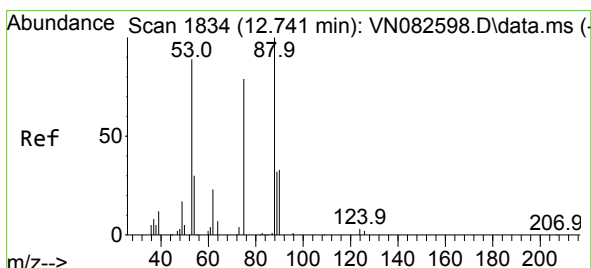
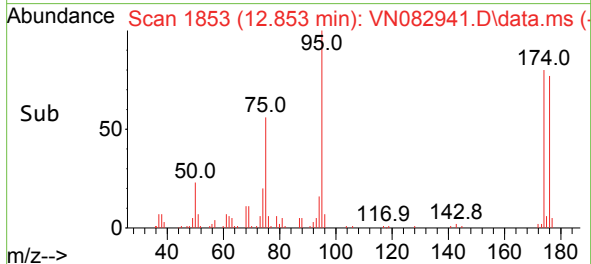
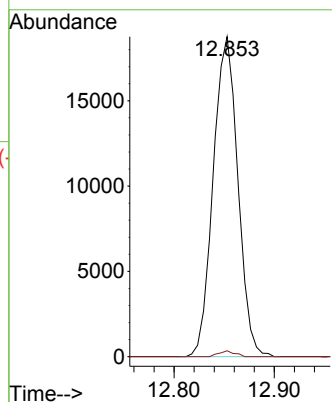
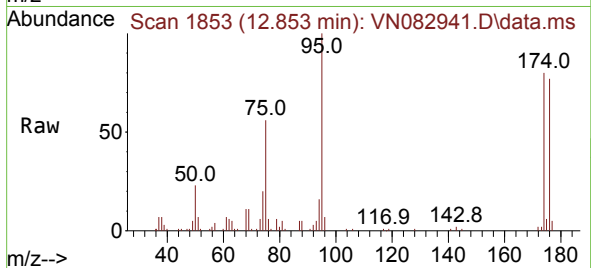




#76
1,2,3-Trichloropropane
Concen: 30.009 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 32042
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 59.019 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.112 min
Lab File: VN082941.D
Acq: 16 Jul 2024 17:35

Tgt Ion: 75 Resp: 32042
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

