

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
 Data File : VN080845.D
 Acq On : 31 Jan 2024 17:07
 Operator : JC\MD
 Sample : P1277-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-39

Quant Time: Jan 31 23:19:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

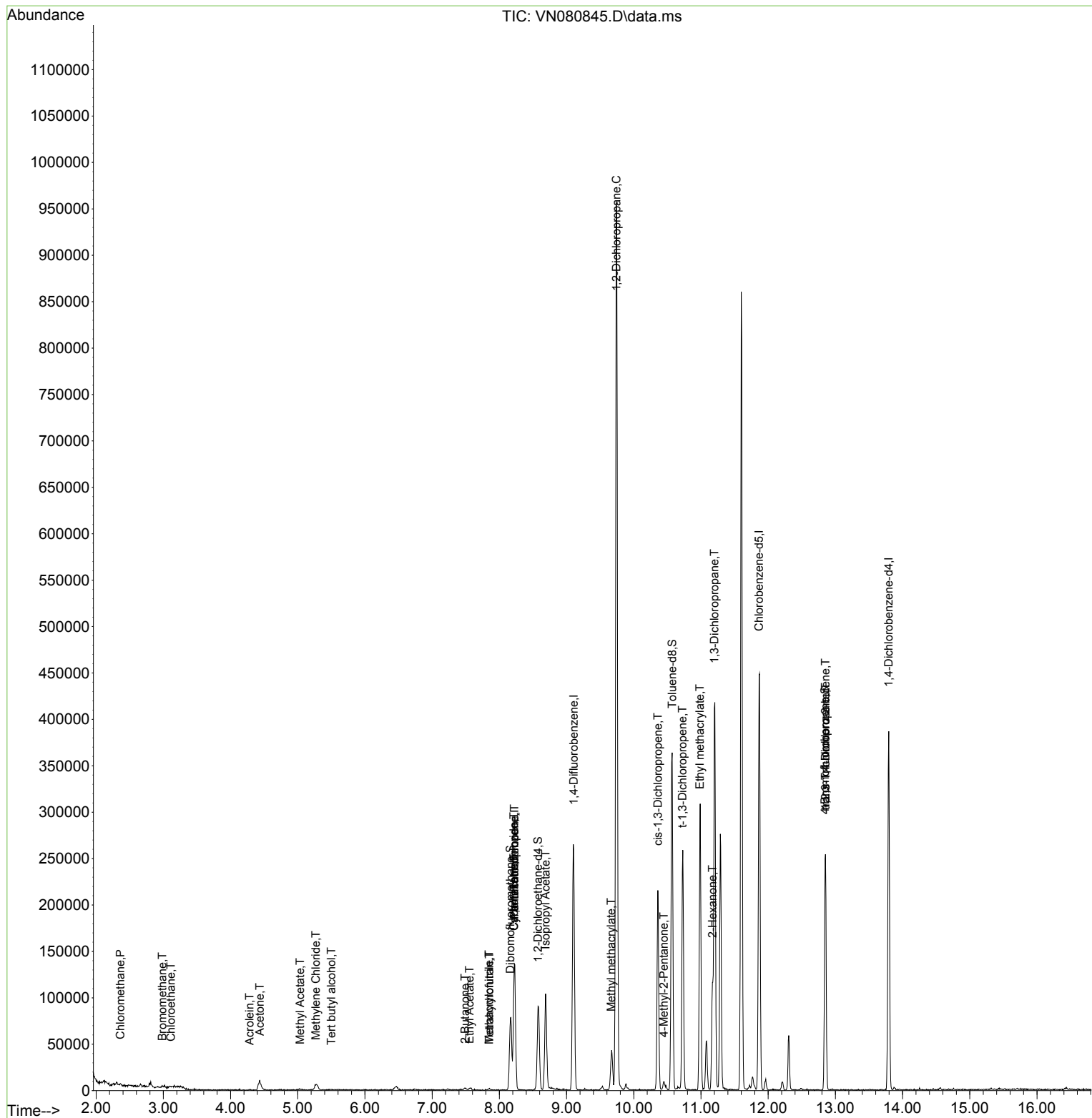
Internal Standards						
1) Pentafluorobenzene	8.224	168	84597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	207222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	69804	47.696	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.400%
35) Dibromofluoromethane	8.165	113	54513	42.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.000%
50) Toluene-d8	10.571	98	232041	46.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.847	95	87885	50.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1762	0.933	ug/l	94
5) Bromomethane	2.983	94	349	0.608	ug/l #	6
6) Chloroethane	3.112	64	411	0.537	ug/l #	42
11) Tert butyl alcohol	5.500	59	210	0.880	ug/l #	72
13) Acrolein	4.283	56	64	0.213	ug/l #	15
16) Acetone	4.436	43	19764	37.236	ug/l	94
18) Methyl Acetate	5.036	43	2361	1.276	ug/l #	63
20) Methylene Chloride	5.271	84	4421	3.173	ug/l	96
25) 2-Butanone	7.488	43	3416	3.388	ug/l #	83
29) Tetrahydrofuran	7.853	42	947	1.388	ug/l #	62
31) Cyclohexane	8.218	56	3264	1.301	ug/l #	6
36) 1,1-Dichloropropene	8.224	75	10659	4.523	ug/l #	50
37) Ethyl Acetate	7.559	43	4068	1.677	ug/l #	71
38) Carbon Tetrachloride	8.218	117	5553	2.925	ug/l #	18
41) Methacrylonitrile	7.847	41	609	0.426	ug/l #	34
43) Isopropyl Acetate	8.688	43	119070	26.961	ug/l #	89
45) 1,2-Dichloropropane	9.741	63	1292	0.689	ug/l #	42
48) Methyl methacrylate	9.665	41	3170	1.481	ug/l #	15
51) 4-Methyl-2-Pentanone	10.447	43	10239	4.147	ug/l #	77
53) t-1,3-Dichloropropene	10.723	75	687	0.261	ug/l #	73
54) cis-1,3-Dichloropropene	10.359	75	34917	12.219	ug/l #	64
56) Ethyl methacrylate	10.982	69	661	0.282	ug/l #	1
57) 1,3-Dichloropropane	11.200	76	3973	1.383	ug/l #	43
59) 2-Hexanone	11.170	43	94453	49.252	ug/l #	26
76) 1,2,3-Trichloropropane	12.853	75	51860	19.833	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	51860	51.094	ug/l #	14

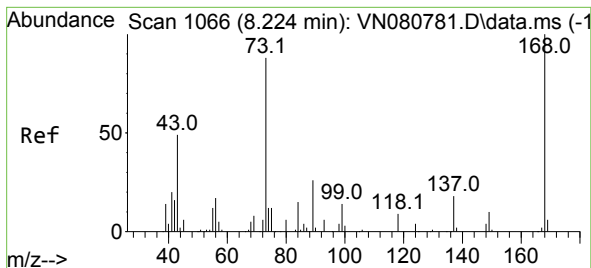
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013124\
Data File : VN080845.D
Acq On : 31 Jan 2024 17:07
Operator : JC\MD
Sample : P1277-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-39

Quant Time: Jan 31 23:19:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080845.D

Acq: 31 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

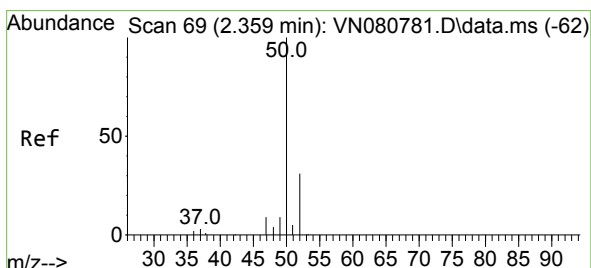
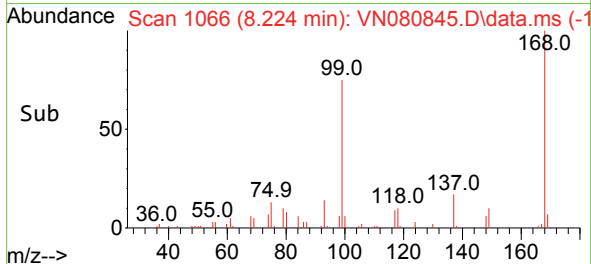
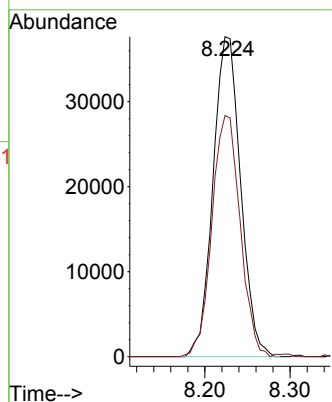
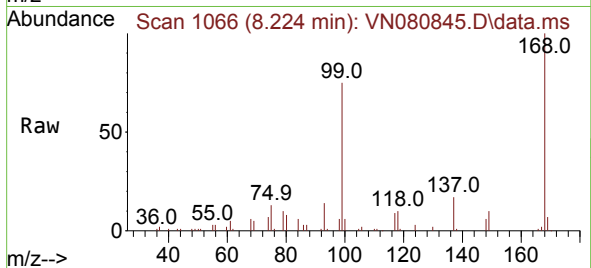
TP-39

Tgt Ion:168 Resp: 84597

Ion Ratio Lower Upper

168 100

99 75.4 59.9 89.9



#3

Chloromethane

Concen: 0.933 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080845.D

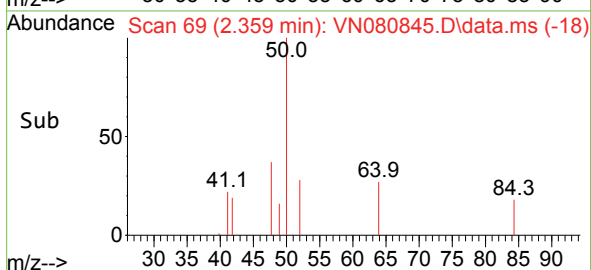
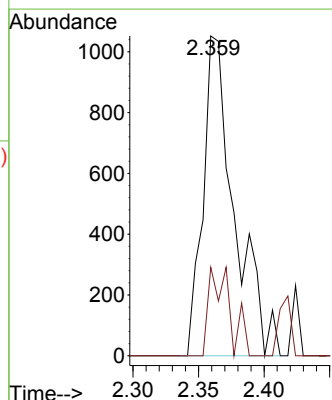
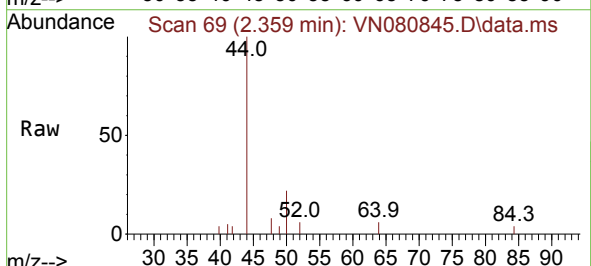
Acq: 31 Jan 2024 17:07

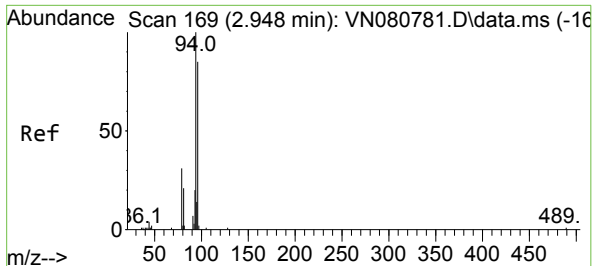
Tgt Ion: 50 Resp: 1762

Ion Ratio Lower Upper

50 100

52 27.7 25.0 37.4

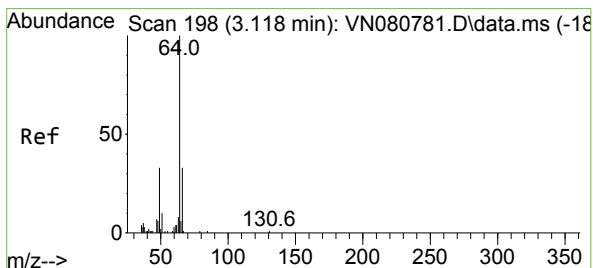
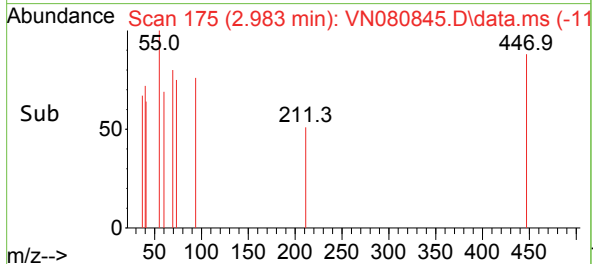
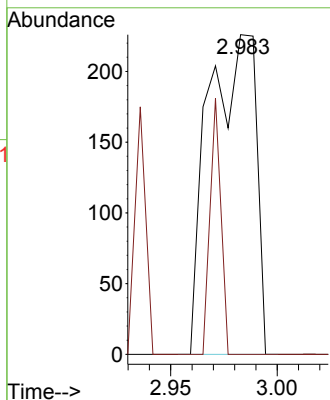
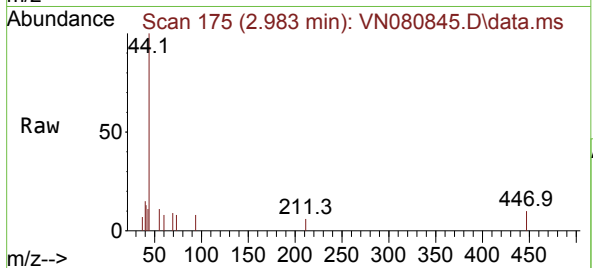




#5
Bromomethane
Concen: 0.608 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

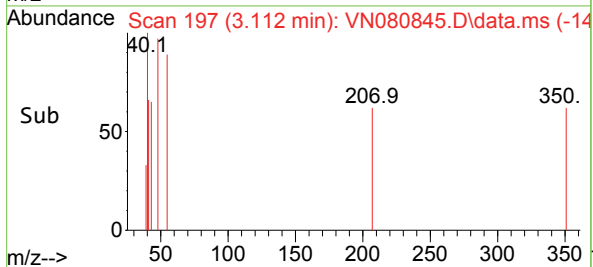
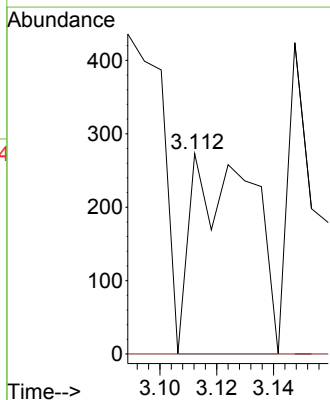
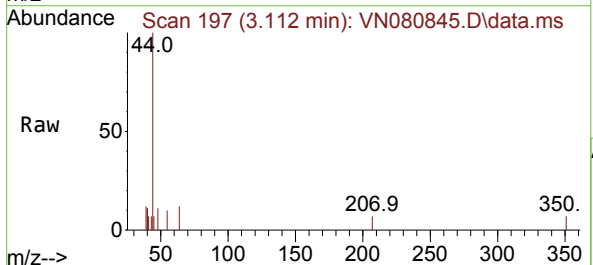
Instrument :
MSVOA_N
ClientSampleId :
TP-39

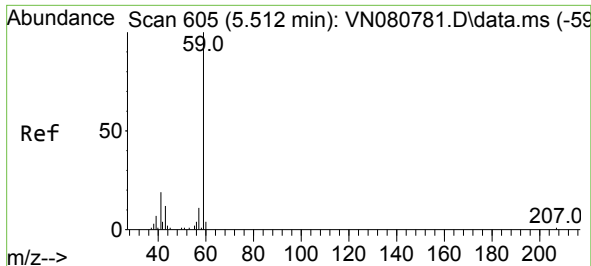
Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 0.0 69.2 103.8#



#6
Chloroethane
Concen: 0.537 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 64 Resp: 411
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

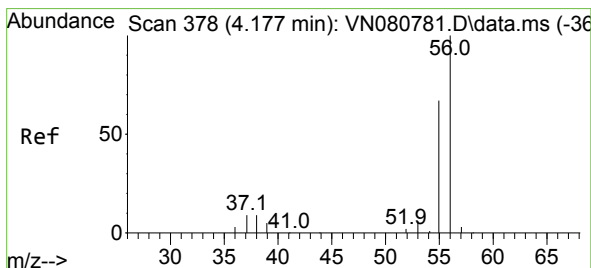
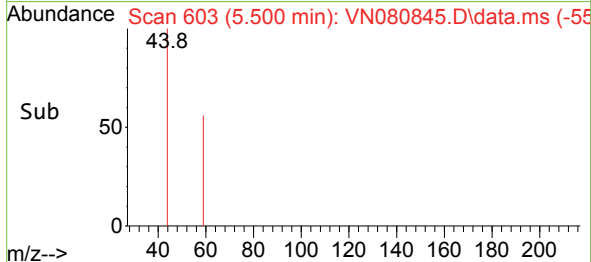
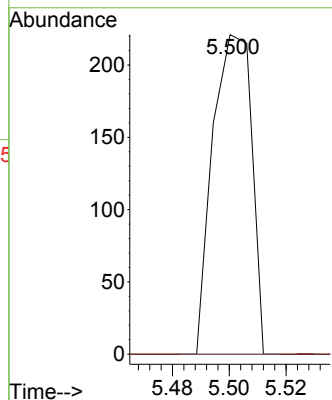
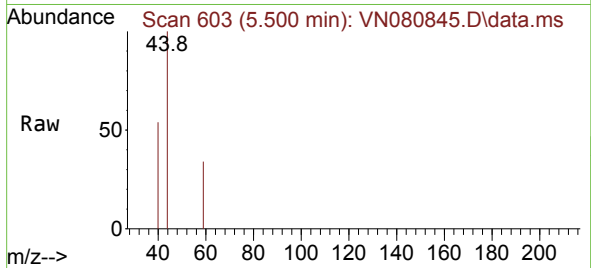




#11
Tert butyl alcohol
Concen: 0.880 ug/l
RT: 5.500 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

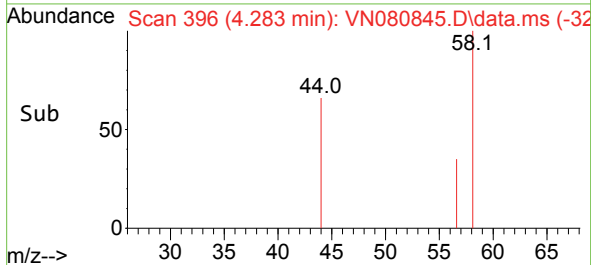
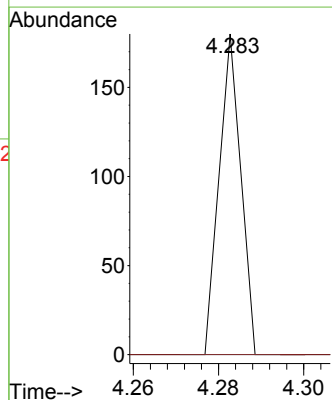
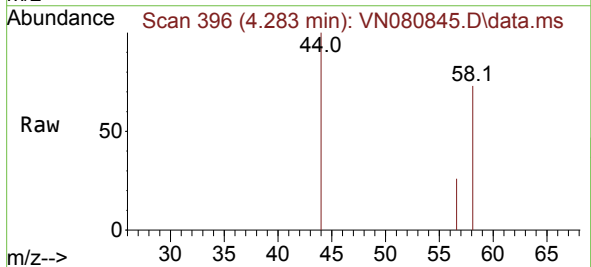
Instrument :
MSVOA_N
ClientSampleId :
TP-39

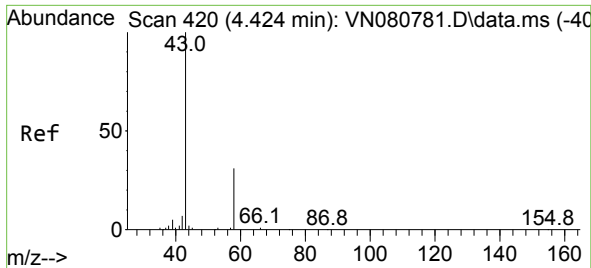
Tgt Ion: 59 Resp: 210
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.213 ug/l
RT: 4.283 min Scan# 396
Delta R.T. 0.106 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





#16

Acetone

Concen: 37.236 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN080845.D

Acq: 31 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

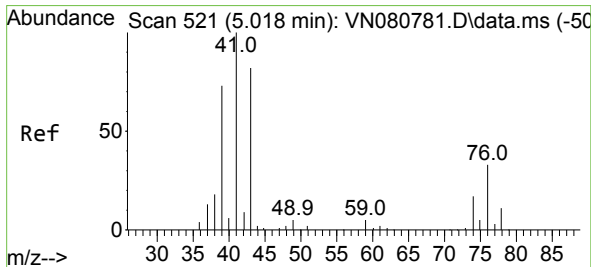
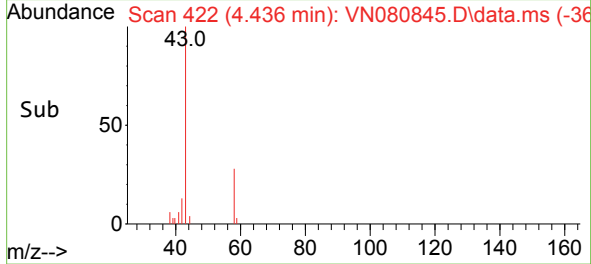
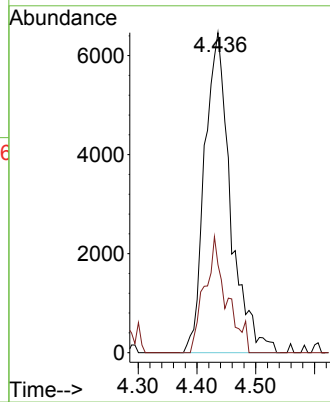
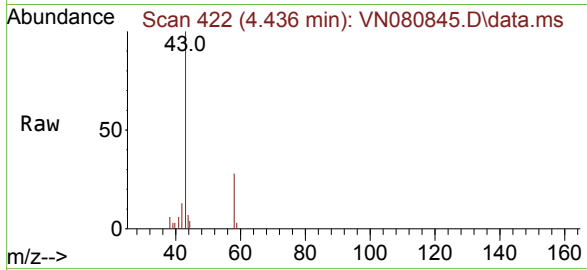
TP-39

Tgt Ion: 43 Resp: 19764

Ion Ratio Lower Upper

43 100

58 27.5 24.8 37.2



#18

Methyl Acetate

Concen: 1.276 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.018 min

Lab File: VN080845.D

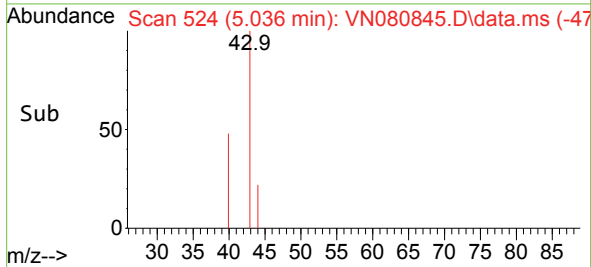
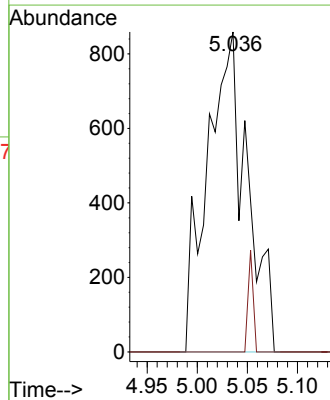
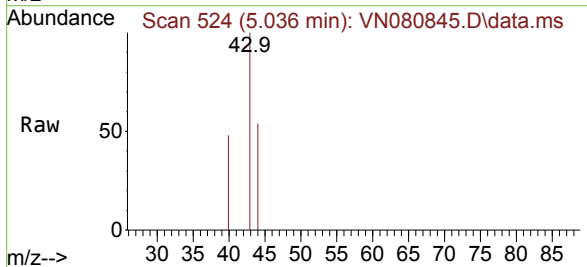
Acq: 31 Jan 2024 17:07

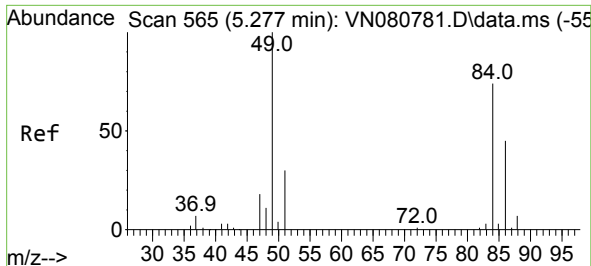
Tgt Ion: 43 Resp: 2361

Ion Ratio Lower Upper

43 100

74 4.1 17.3 25.9#

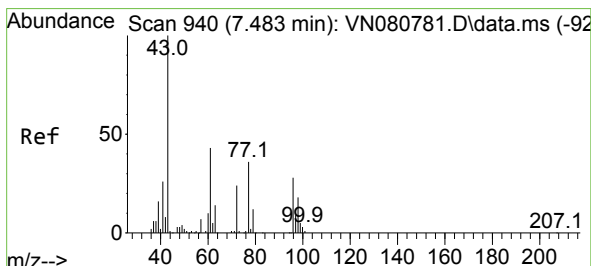
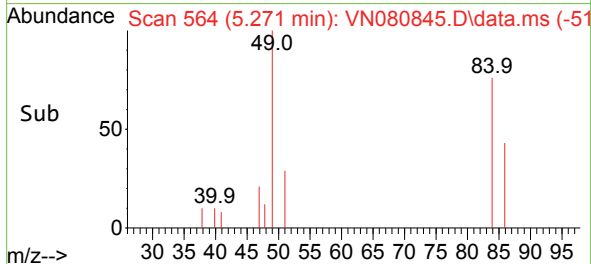
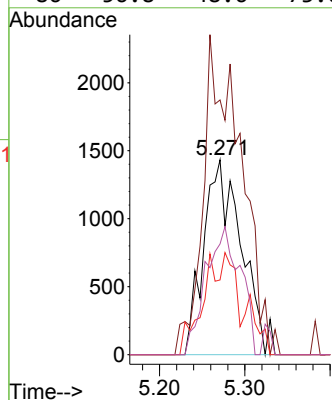
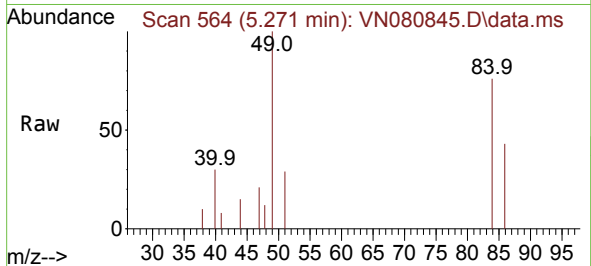




#20
Methylene Chloride
Concen: 3.173 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

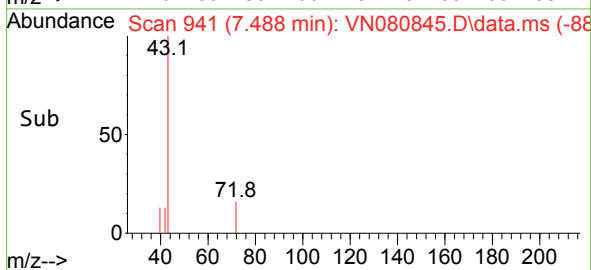
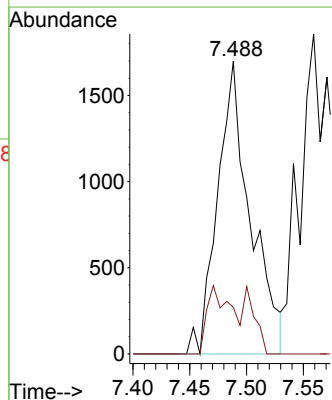
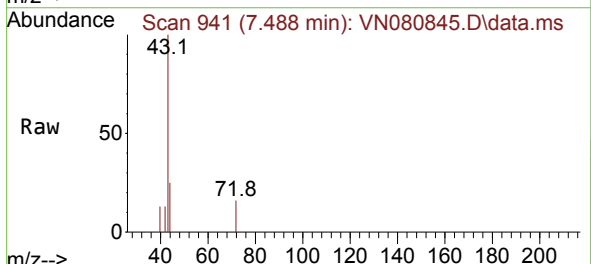
Instrument :
MSVOA_N
ClientSampleId :
TP-39

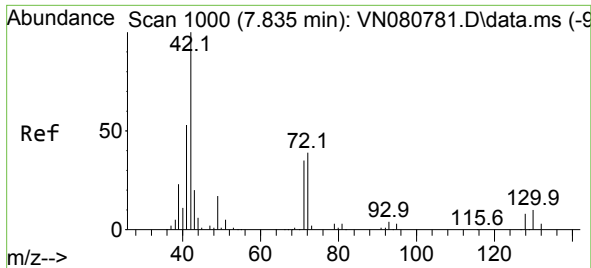
Tgt Ion:	84	Resp:	4421
Ion	Ratio	Lower	Upper
84	100		
49	130.8	108.1	162.1
51	38.4	32.9	49.3
86	56.8	48.6	73.0



#25
2-Butanone
Concen: 3.388 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion:	43	Resp:	3416
Ion	Ratio	Lower	Upper
43	100		
72	16.0	19.5	29.3#

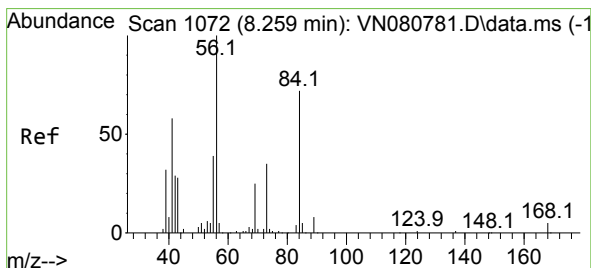
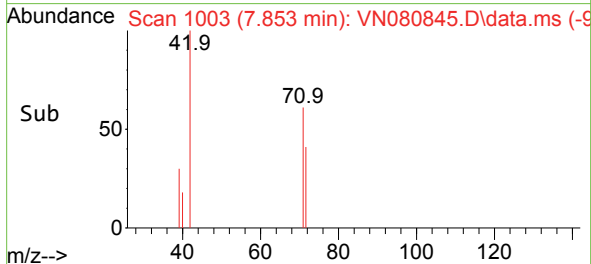
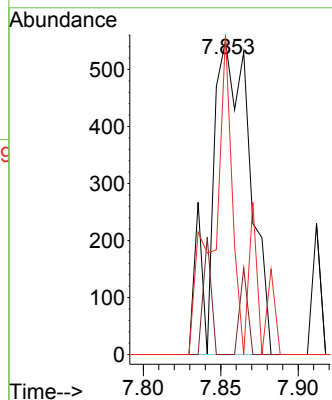
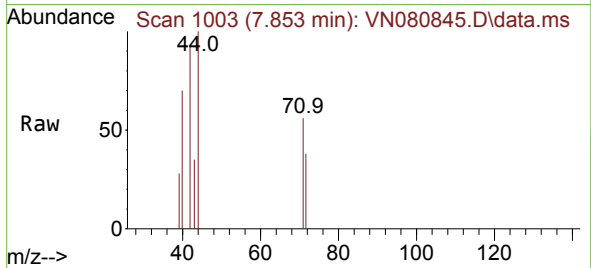




#29
Tetrahydrofuran
Concen: 1.388 ug/l
RT: 7.853 min Scan# 1065
Delta R.T. 0.018 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

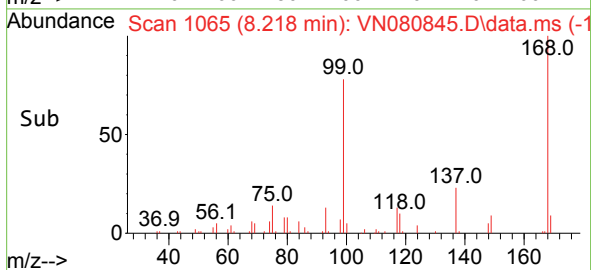
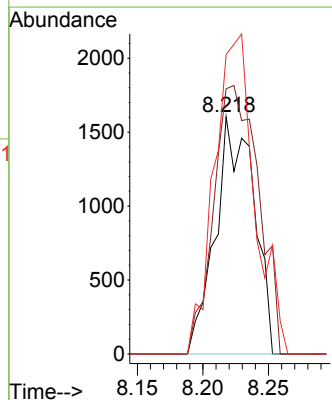
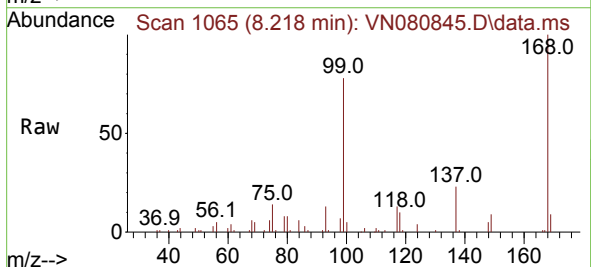
Instrument :
MSVOA_N
ClientSampleId :
TP-39

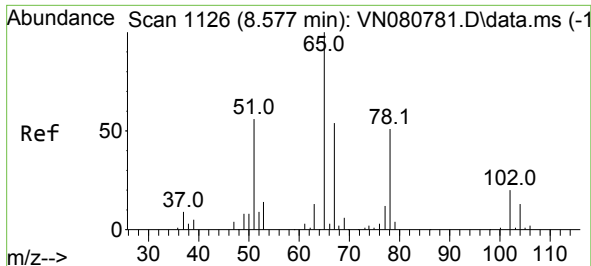
Tgt Ion: 42 Resp: 947
Ion Ratio Lower Upper
42 100
72 7.7 31.1 46.7#
71 49.5 28.3 42.5#



#31
Cyclohexane
Concen: 1.301 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 56 Resp: 3264
Ion Ratio Lower Upper
56 100
69 111.8 20.1 30.1#
84 126.3 56.9 85.3#





#33

1,2-Dichloroethane-d4

Concen: 47.696 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080845.D

Acq: 31 Jan 2024 17:07

Instrument :

MSVOA_N

ClientSampleId :

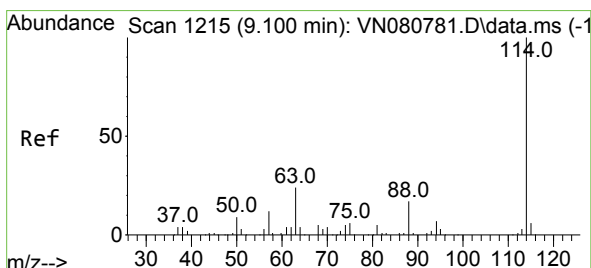
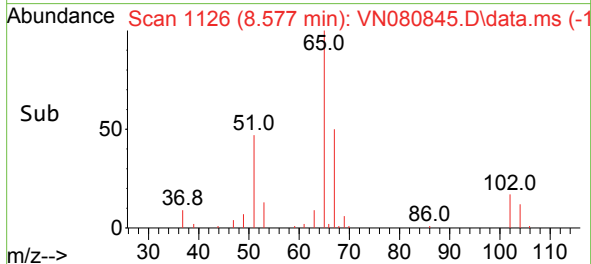
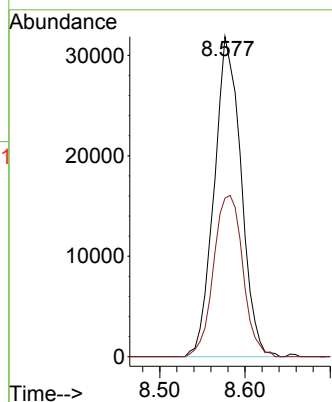
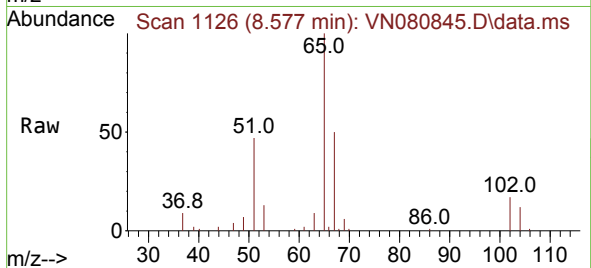
TP-39

Tgt Ion: 65 Resp: 69804

Ion Ratio Lower Upper

65 100

67 54.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080845.D

Acq: 31 Jan 2024 17:07

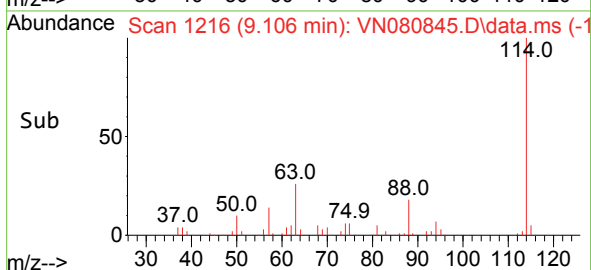
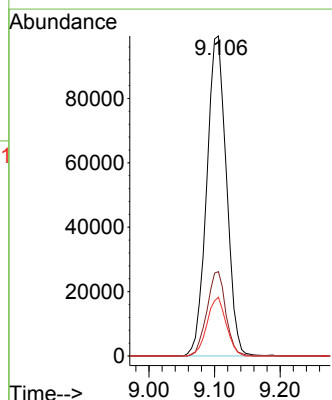
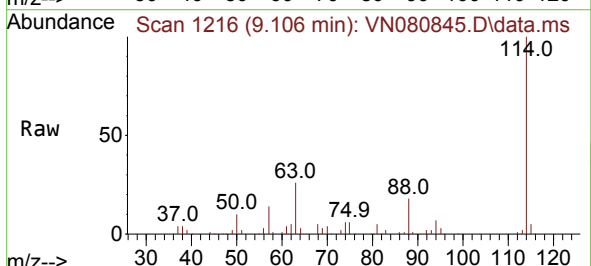
Tgt Ion: 114 Resp: 207222

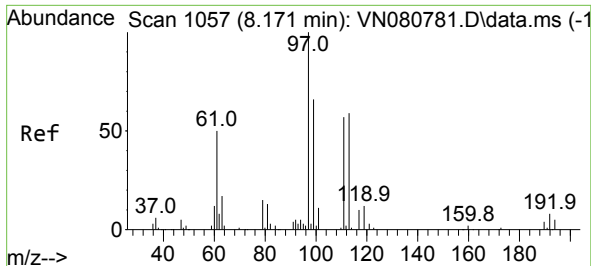
Ion Ratio Lower Upper

114 100

63 26.3 0.0 48.0

88 18.3 0.0 34.8

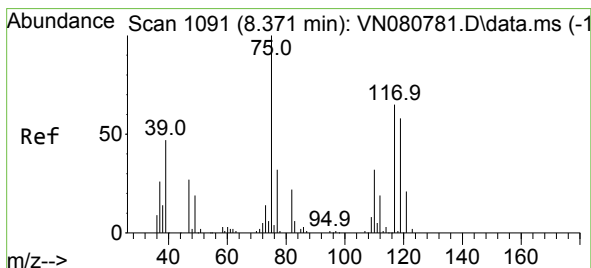
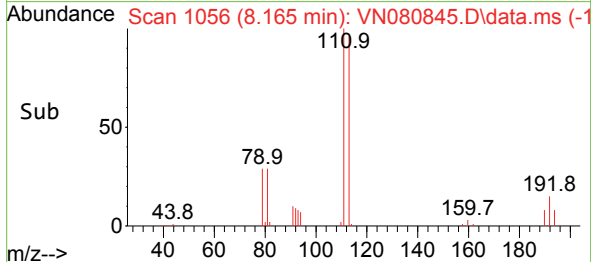
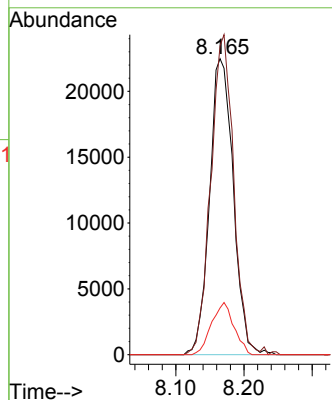
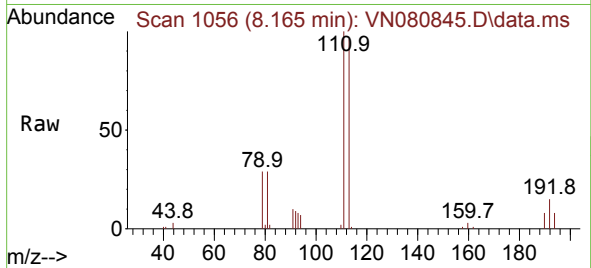




#35
Dibromofluoromethane
Concen: 42.998 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

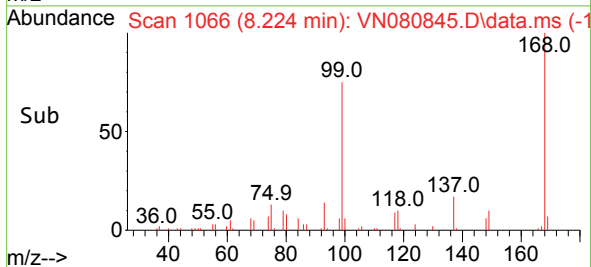
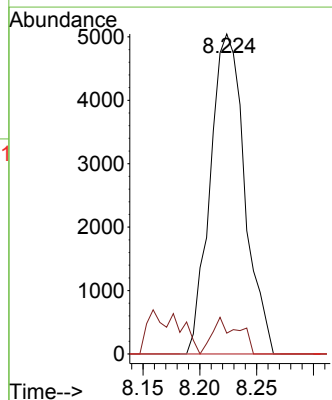
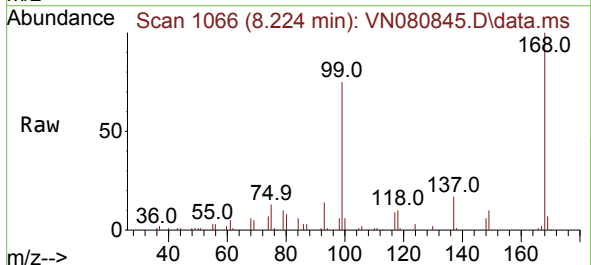
Instrument :
MSVOA_N
ClientSampleId :
TP-39

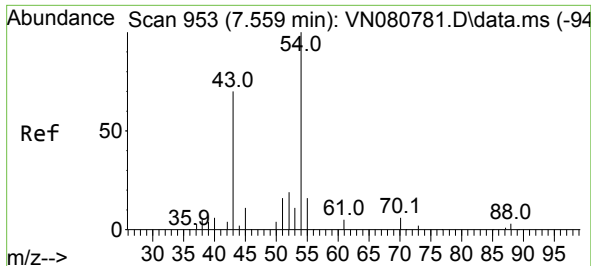
Tgt Ion:113 Resp: 54513
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.7 12.5 18.7



#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 75 Resp: 10659
Ion Ratio Lower Upper
75 100
110 8.6 16.0 48.0#
77 0.0 25.8 38.6#





#37

Ethyl Acetate

Concen: 1.677 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN080845.D

Acq: 31 Jan 2024 17:07

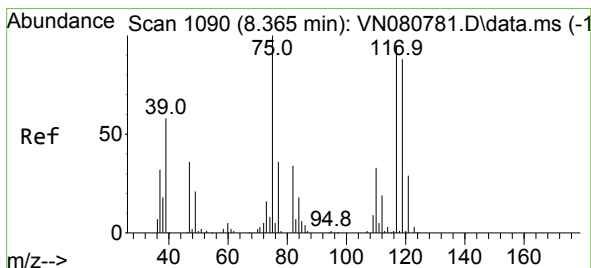
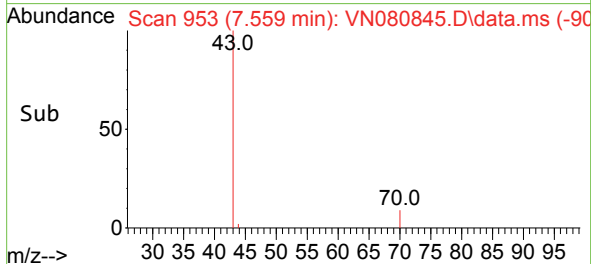
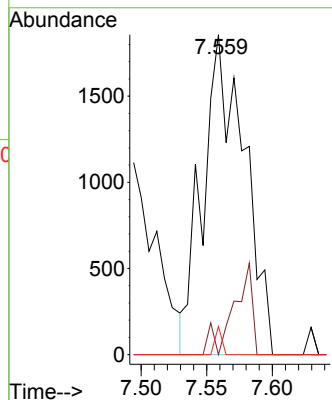
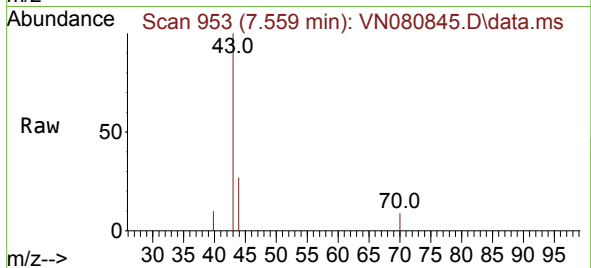
Instrument :

MSVOA_N

ClientSampleId :

TP-39

Tgt Ion: 43	Resp:	4068
Ion	Ratio	Lower Upper
43	100	
61	0.0	10.6 15.8#
70	1.4	8.0 12.0#



#38

Carbon Tetrachloride

Concen: 2.925 ug/l

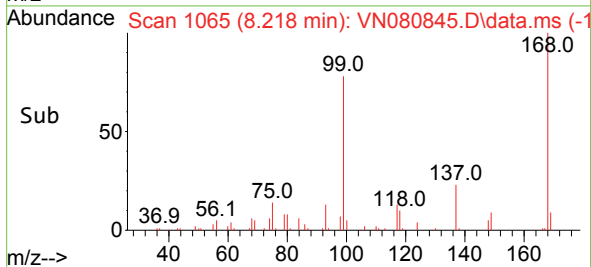
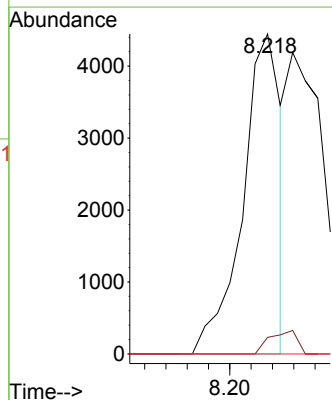
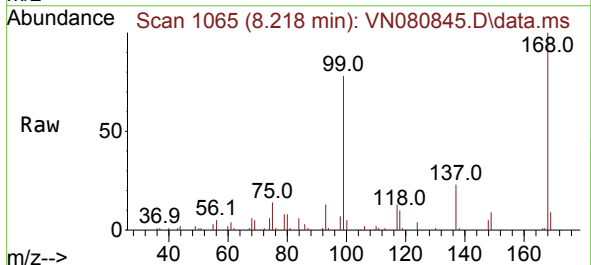
RT: 8.218 min Scan# 1065

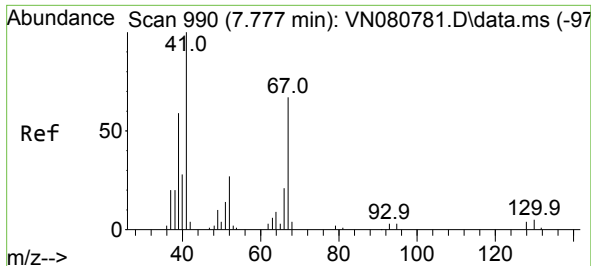
Delta R.T. -0.147 min

Lab File: VN080845.D

Acq: 31 Jan 2024 17:07

Tgt Ion: 117	Resp:	5553
Ion	Ratio	Lower Upper
117	100	
119	5.2	73.4 110.2#
121	0.0	24.4 36.6#

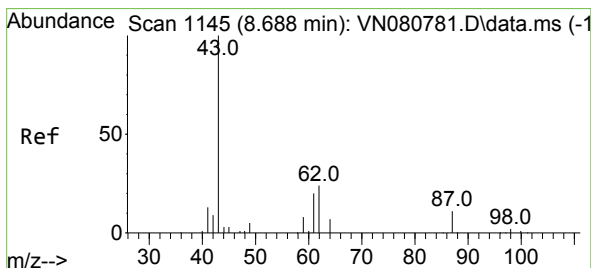
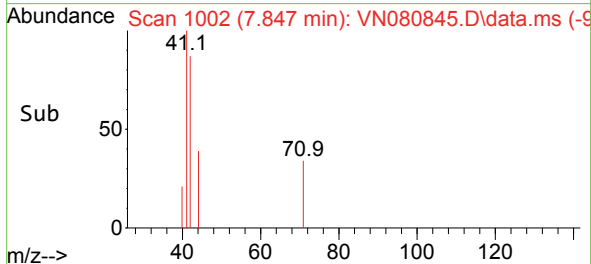
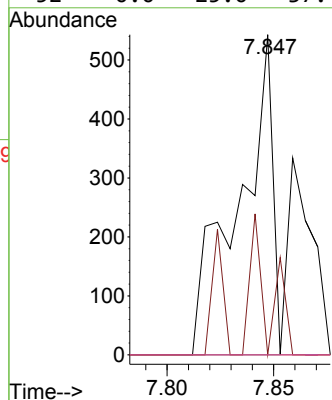
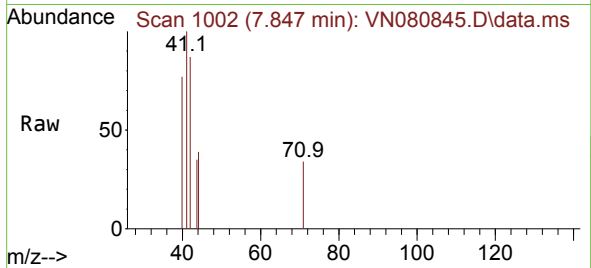




#41
Methacrylonitrile
Concen: 0.426 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.071 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

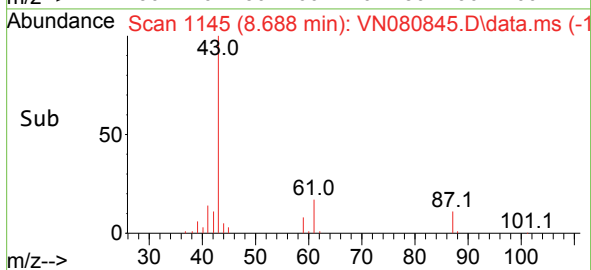
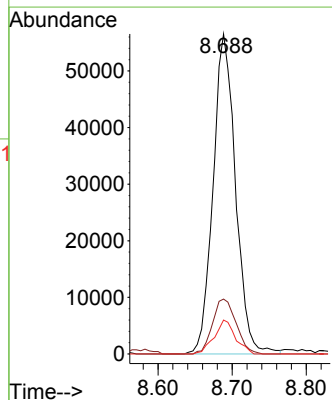
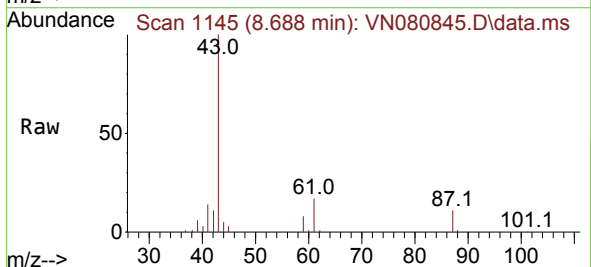
Instrument :
MSVOA_N
ClientSampleId :
TP-39

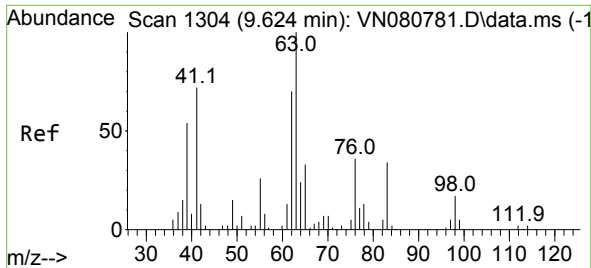
Tgt Ion: 41 Resp: 609
Ion Ratio Lower Upper
41 100
39 23.5 48.4 72.6#
67 0.0 56.8 85.2#
52 0.0 25.0 37.4#



#43
Isopropyl Acetate
Concen: 26.961 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 43 Resp: 119070
Ion Ratio Lower Upper
43 100
61 18.0 19.9 29.9#
87 10.0 9.0 13.6

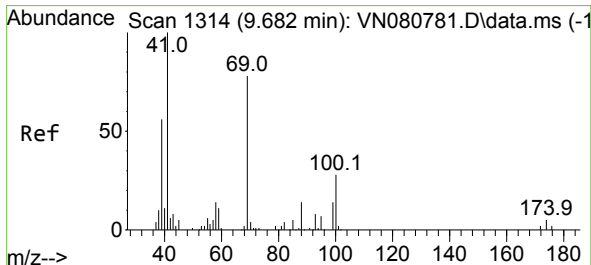
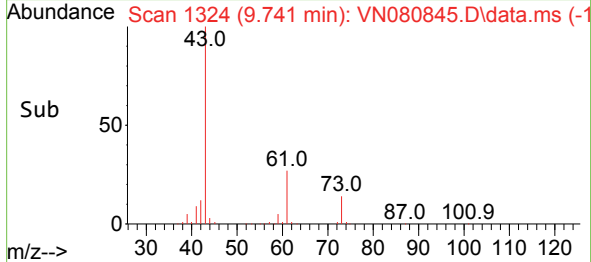
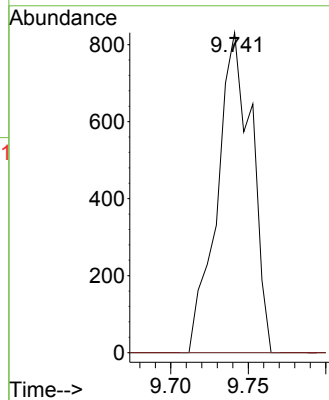
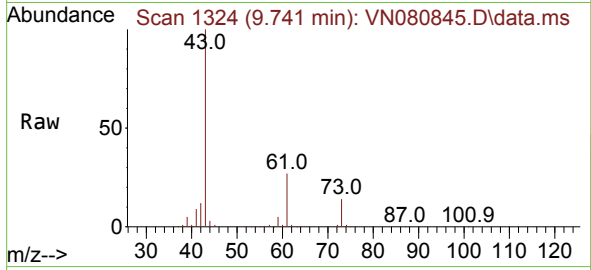




#45
1,2-Dichloropropane
Concen: 0.689 ug/l
RT: 9.741 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

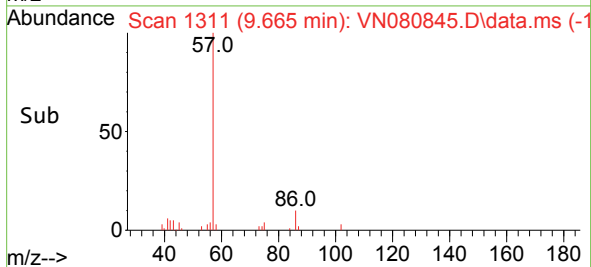
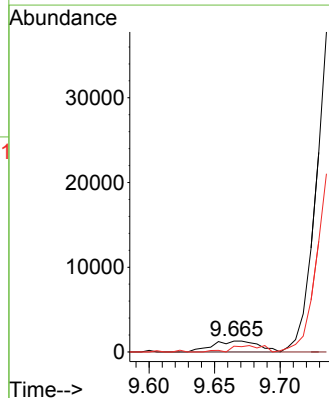
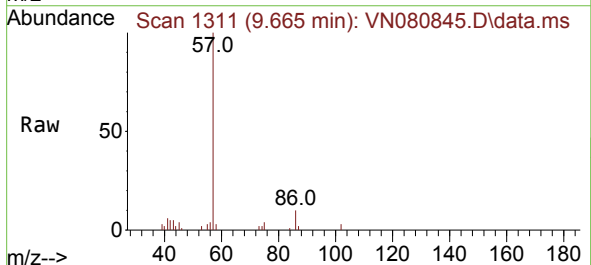
Instrument :
MSVOA_N
ClientSampleId :
TP-39

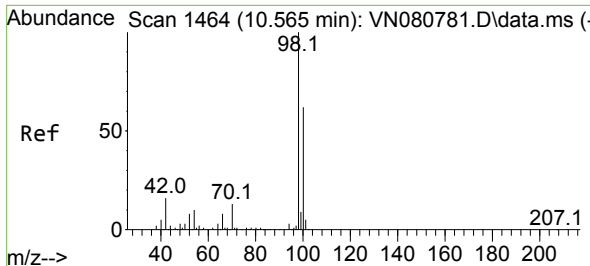
Tgt Ion: 63 Resp: 1292
Ion Ratio Lower Upper
63 100
65 0.0 26.1 39.1#



#48
Methyl methacrylate
Concen: 1.481 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 41 Resp: 3170
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 0.0 47.6 71.4#

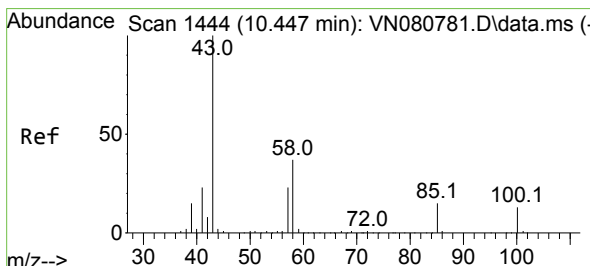
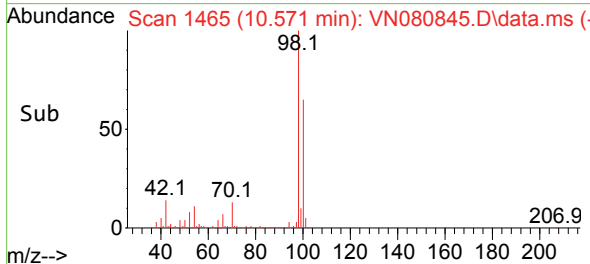
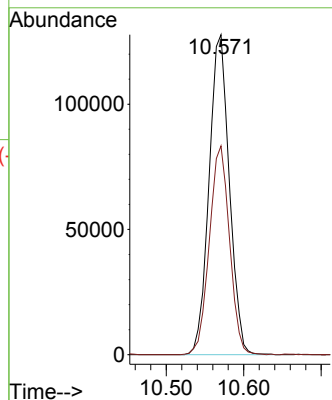
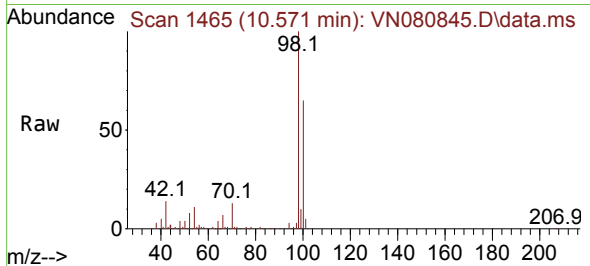




#50
Toluene-d8
Concen: 46.763 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

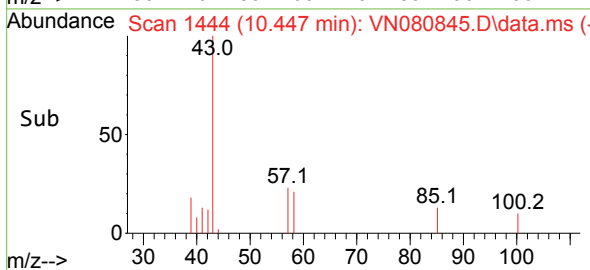
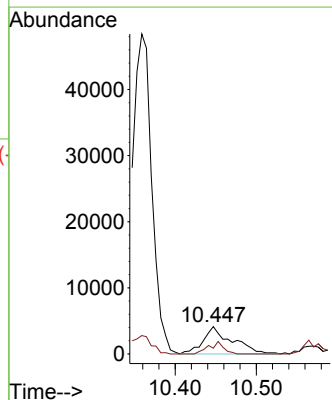
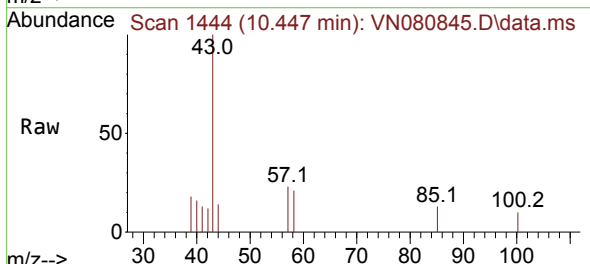
Instrument :
MSVOA_N
ClientSampleId :
TP-39

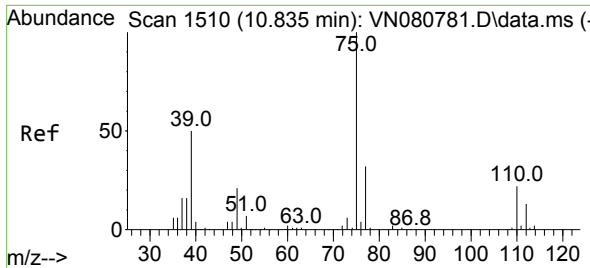
Tgt Ion: 98 Resp: 232041
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 4.147 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 43 Resp: 10239
Ion Ratio Lower Upper
43 100
58 23.3 29.4 44.0#

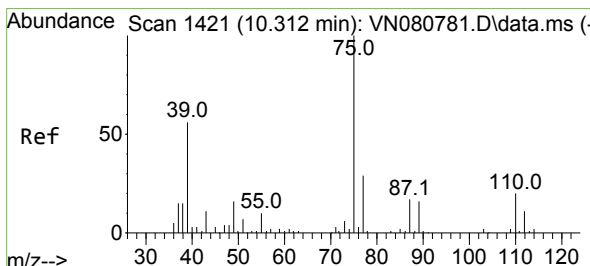
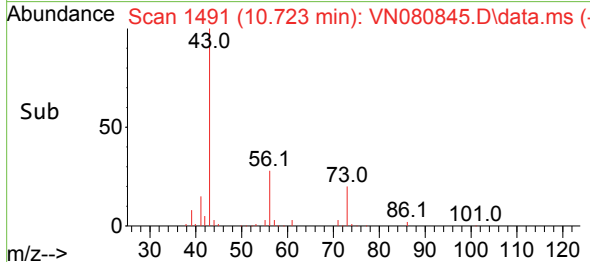
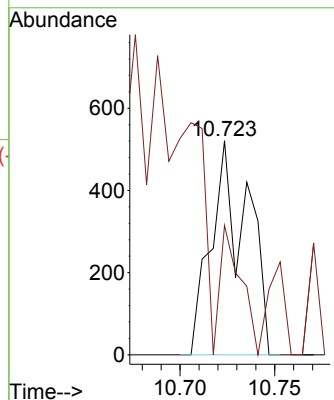
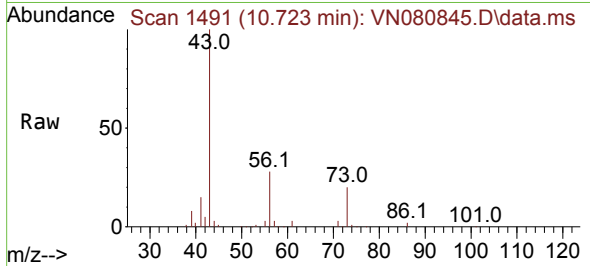




#53
 t-1,3-Dichloropropene
 Concen: 0.261 ug/l
 RT: 10.723 min Scan# 1491
 Delta R.T. -0.112 min
 Lab File: VN080845.D
 Acq: 31 Jan 2024 17:07

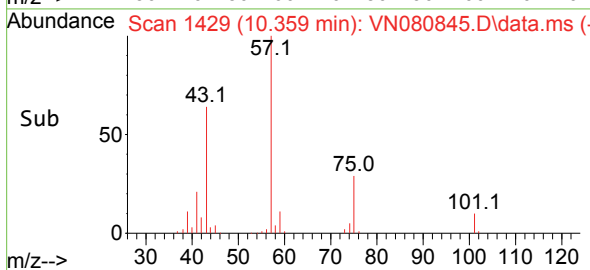
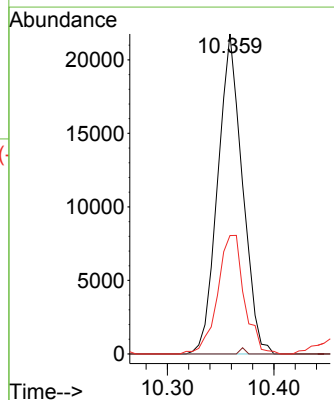
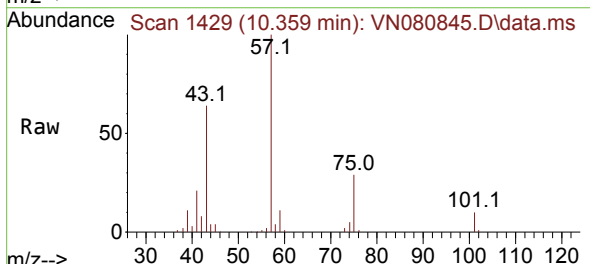
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-39

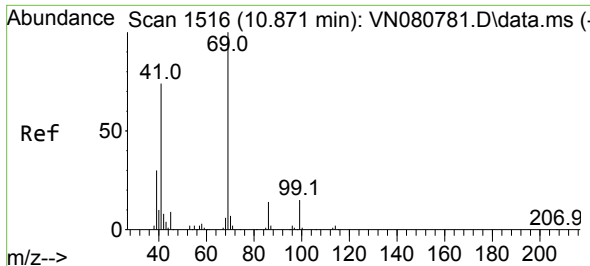
Tgt Ion: 75 Resp: 687
 Ion Ratio Lower Upper
 75 100
 77 17.1 25.5 38.3#



#54
 cis-1,3-Dichloropropene
 Concen: 12.219 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN080845.D
 Acq: 31 Jan 2024 17:07

Tgt Ion: 75 Resp: 34917
 Ion Ratio Lower Upper
 75 100
 77 0.0 23.3 34.9#
 39 37.0 44.6 66.8#

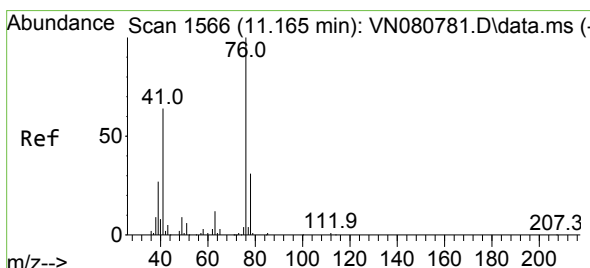
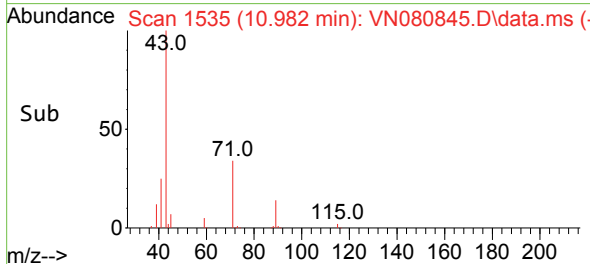
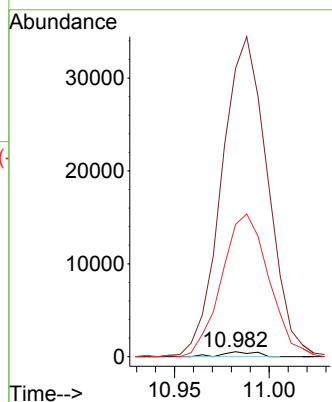
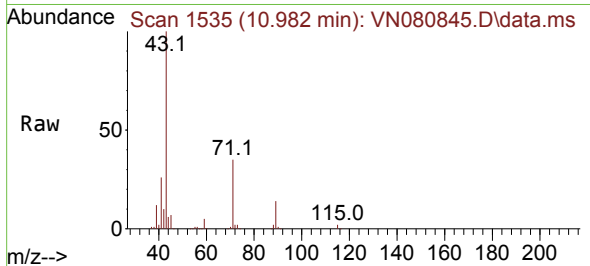




#56
Ethyl methacrylate
Concen: 0.282 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. 0.111 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

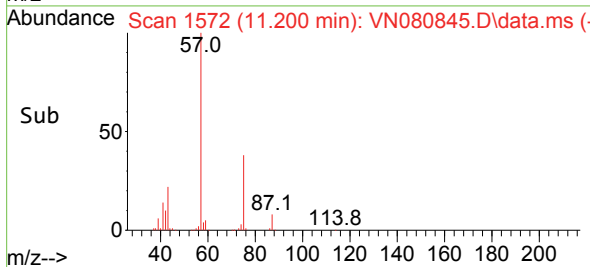
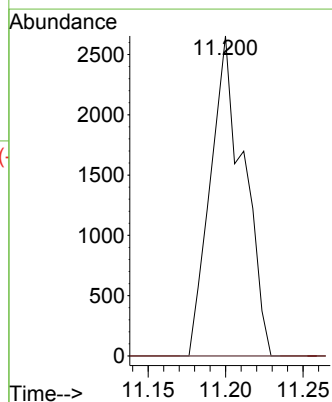
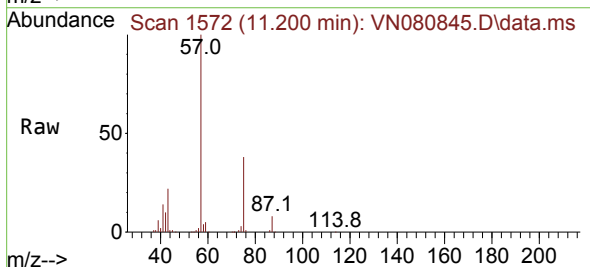
Instrument :
MSVOA_N
ClientSampleId :
TP-39

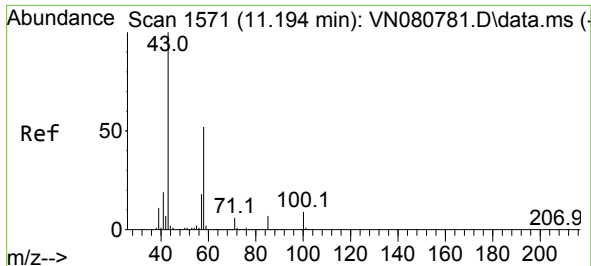
Tgt Ion: 69 Resp: 661
Ion Ratio Lower Upper
69 100
41 8821.5 61.0 91.6#
39 4045.2 31.8 47.6#



#57
1,3-Dichloropropane
Concen: 1.383 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 76 Resp: 3973
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#

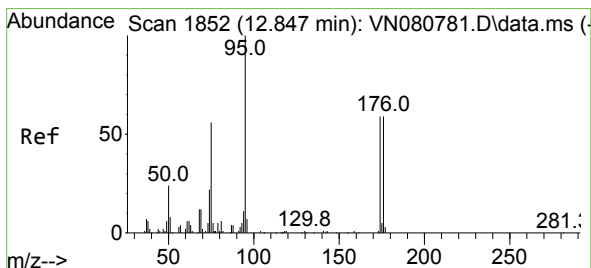
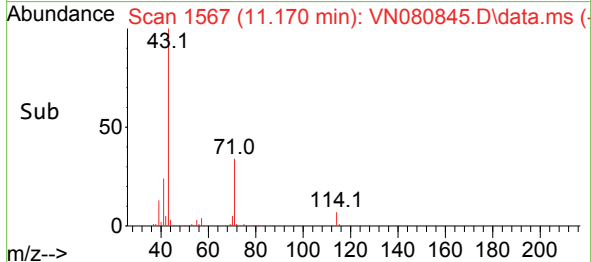
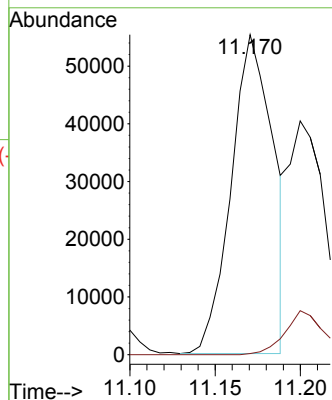
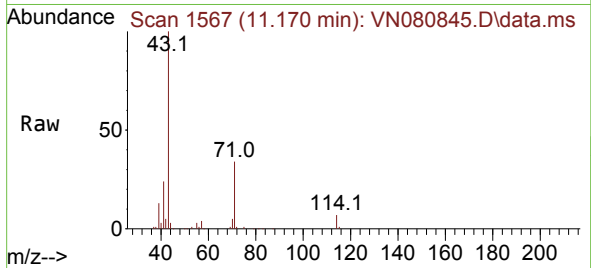




#59
2-Hexanone
Concen: 49.252 ug/l
RT: 11.170 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

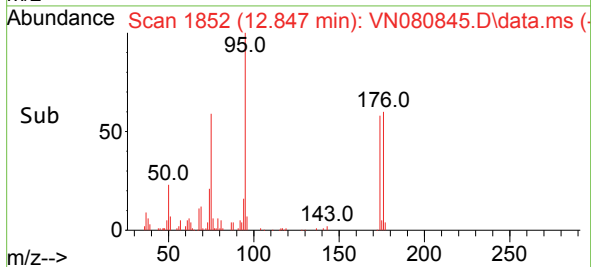
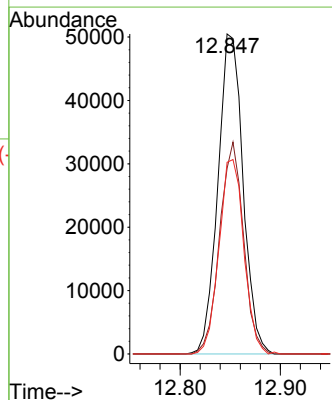
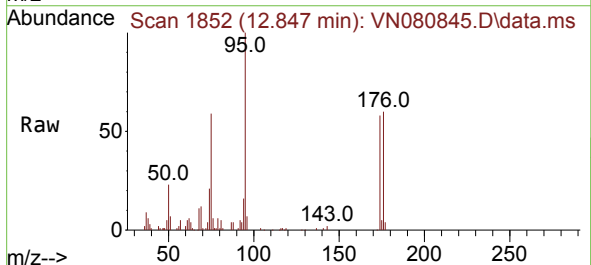
Instrument :
MSVOA_N
ClientSampleId :
TP-39

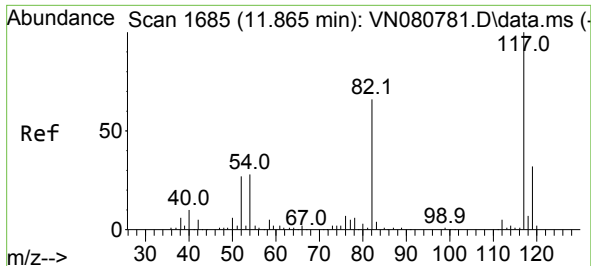
Tgt Ion: 43 Resp: 94453
Ion Ratio Lower Upper
43 100
58 0.0 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 50.826 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 95 Resp: 87885
Ion Ratio Lower Upper
95 100
174 62.8 0.0 120.4
176 60.1 0.0 121.0

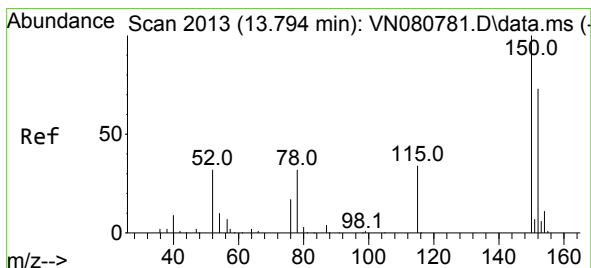
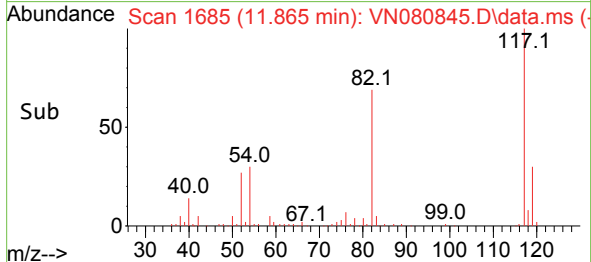
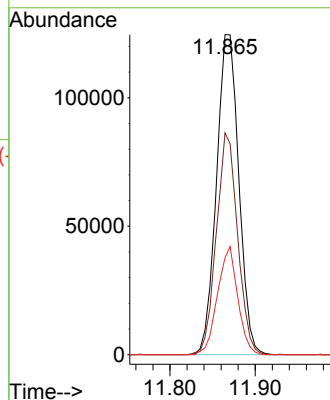
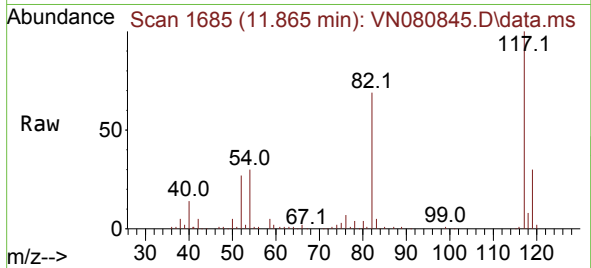




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

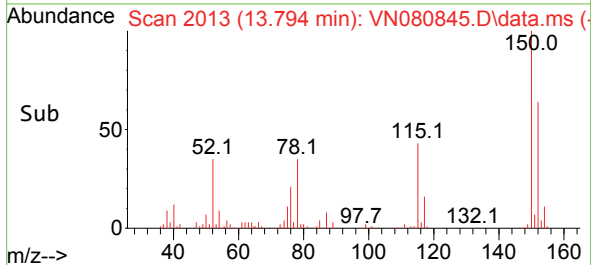
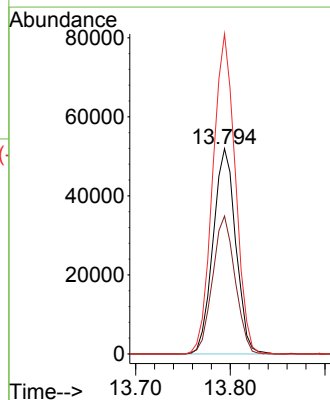
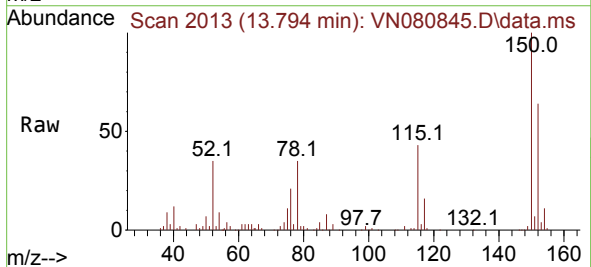
Instrument :
MSVOA_N
ClientSampleId :
TP-39

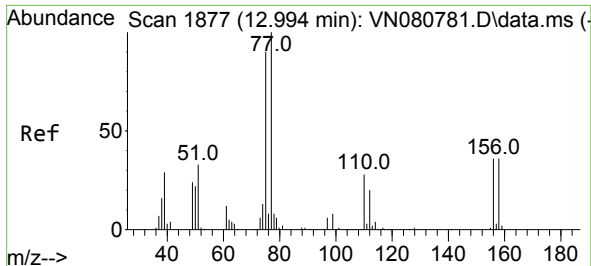
Tgt Ion:117 Resp: 226665
Ion Ratio Lower Upper
117 100
82 69.3 52.7 79.1
119 30.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion:152 Resp: 86697
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 154.3 0.0 339.8

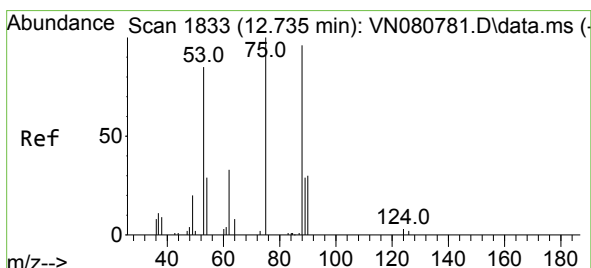
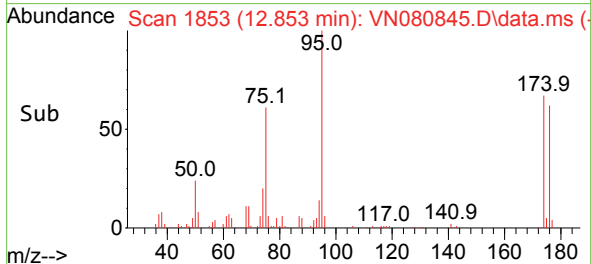
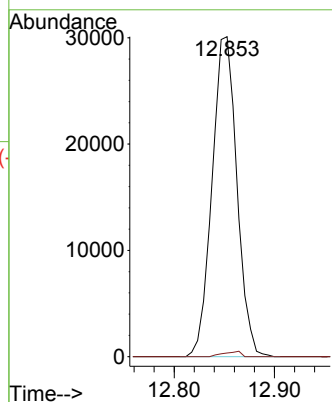
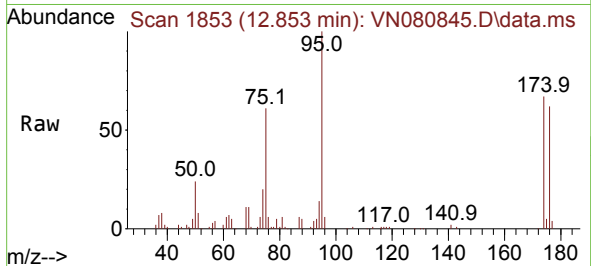




#76
1,2,3-Trichloropropane
Concen: 19.833 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
TP-39

Tgt Ion: 75 Resp: 51860
Ion Ratio Lower Upper
75 100
77 1.2 91.0 272.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 51.094 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN080845.D
Acq: 31 Jan 2024 17:07

Tgt Ion: 75 Resp: 51860
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 33.4 50.0#

