

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011024\
 Data File : VN080659.D
 Acq On : 10 Jan 2024 13:33
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 11 06:18:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:15:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	177387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	289773	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	48788	15.662	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	31.320%#
35) Dibromofluoromethane	8.165	113	30736	15.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	31.380%#
50) Toluene-d8	10.571	98	121667	16.291	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	32.580%#
62) 4-Bromofluorobenzene	12.853	95	43986	15.359	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	30.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	61146	21.217	ug/l	96
3) Chloromethane	2.359	50	63521	19.399	ug/l	95
4) Vinyl Chloride	2.512	62	50176	19.190	ug/l	98
5) Bromomethane	2.965	94	18672	18.788	ug/l	88
6) Chloroethane	3.118	64	26629	18.785	ug/l	91
7) Trichlorofluoromethane	3.495	101	84224	19.506	ug/l	94
8) Diethyl Ether	3.965	74	35394	18.756	ug/l	61
9) 1,1,2-Trichlorotrifluo...	4.377	101	44504	18.910	ug/l	94
10) Methyl Iodide	4.583	142	37803	19.210	ug/l	91
11) Tert butyl alcohol	5.506	59	49808	94.544	ug/l	# 93
12) 1,1-Dichloroethene	4.342	96	46657	17.617	ug/l	# 74
13) Acrolein	4.183	56	40642	91.649	ug/l	96
14) Allyl chloride	5.018	41	95364	18.165	ug/l	# 86
15) Acrylonitrile	5.712	53	130948	95.186	ug/l	99
16) Acetone	4.424	43	103831	101.526	ug/l	97
17) Carbon Disulfide	4.712	76	151596	18.715	ug/l	97
18) Methyl Acetate	5.024	43	60303	19.801	ug/l	# 81
19) Methyl tert-butyl Ether	5.794	73	174294	19.099	ug/l	# 90
20) Methylene Chloride	5.283	84	52320	17.524	ug/l	# 80
21) trans-1,2-Dichloroethene	5.783	96	51039	19.000	ug/l	# 84
22) Diisopropyl ether	6.671	45	193347	19.530	ug/l	# 89
23) Vinyl Acetate	6.600	43	759705	94.826	ug/l	# 84
24) 1,1-Dichloroethane	6.565	63	104249	19.237	ug/l	98
25) 2-Butanone	7.483	43	171824	92.947	ug/l	# 84
26) 2,2-Dichloropropane	7.483	77	90882	19.176	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	57820	19.525	ug/l	77
28) Bromochloromethane	7.812	49	48926	19.312	ug/l	# 62
29) Tetrahydrofuran	7.841	42	113990	91.484	ug/l	# 75
30) Chloroform	7.965	83	99377	19.561	ug/l	94
31) Cyclohexane	8.253	56	95222	19.786	ug/l	# 79
32) 1,1,1-Trichloroethane	8.171	97	88644	21.398	ug/l	94
36) 1,1-Dichloropropene	8.377	75	76950	19.180	ug/l	91
37) Ethyl Acetate	7.559	43	77539	19.930	ug/l	# 91
38) Carbon Tetrachloride	8.359	117	70818	19.659	ug/l	97
39) Methylcyclohexane	9.600	83	75204	19.587	ug/l	# 82
40) Benzene	8.606	78	216339	19.181	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	44919	20.122	ug/l #	79
42) 1,2-Dichloroethane	8.671	62	88419	20.477	ug/l	95
43) Isopropyl Acetate	8.688	43	138119	19.314	ug/l #	88
44) Trichloroethene	9.353	130	49859	19.527	ug/l	93
45) 1,2-Dichloropropane	9.618	63	59112	19.769	ug/l	97
46) Dibromomethane	9.712	93	36846	19.476	ug/l	95
47) Bromodichloromethane	9.888	83	81210	19.340	ug/l	97
48) Methyl methacrylate	9.682	41	64749	19.124	ug/l #	78
49) 1,4-Dioxane	9.694	88	16271	385.687	ug/l #	70
51) 4-Methyl-2-Pentanone	10.447	43	377384	97.818	ug/l	87
52) Toluene	10.629	92	129754	20.079	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	92751	19.901	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	97999	19.828	ug/l #	76
55) 1,1,2-Trichloroethane	11.018	97	47747	19.196	ug/l	97
56) Ethyl methacrylate	10.876	69	85979	19.299	ug/l #	73
57) 1,3-Dichloropropane	11.165	76	89467	19.703	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	203877	95.544	ug/l #	86
59) 2-Hexanone	11.194	43	285780	100.342	ug/l	82
60) Dibromochloromethane	11.359	129	51467	20.133	ug/l	99
61) 1,2-Dibromoethane	11.471	107	49419	20.212	ug/l	93
64) Tetrachloroethene	11.106	164	39169	19.683	ug/l	94
65) Chlorobenzene	11.894	112	126213	19.936	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	43229	19.232	ug/l	96
67) Ethyl Benzene	11.965	91	239881	19.843	ug/l	94
68) m/p-Xylenes	12.070	106	170221	40.051	ug/l	86
69) o-Xylene	12.400	106	83216	20.025	ug/l	83
70) Styrene	12.412	104	137581	19.497	ug/l #	92
71) Bromoform	12.576	173	30070	19.445	ug/l #	96
73) Isopropylbenzene	12.700	105	208934	19.341	ug/l	99
74) N-amyl acetate	12.494	43	119287	18.400	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	64704	18.259	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	93950	26.323	ug/l	73
77) Bromobenzene	12.982	156	42512	18.528	ug/l	65
78) n-propylbenzene	13.035	91	254832	19.230	ug/l	95
79) 2-Chlorotoluene	13.129	91	154334	18.173	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	174166	19.345	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	27056	18.197	ug/l #	77
82) 4-Chlorotoluene	13.223	91	158062	18.985	ug/l	93
83) tert-Butylbenzene	13.441	119	137443	19.097	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	172826	19.522	ug/l	94
85) sec-Butylbenzene	13.617	105	192146	18.790	ug/l	97
86) p-Isopropyltoluene	13.729	119	155673	19.275	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	77427	18.893	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	75362	18.050	ug/l	92
89) n-Butylbenzene	14.059	91	149345	19.184	ug/l	98
90) Hexachloroethane	14.335	117	28547	19.059	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	76228	19.739	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	16195	19.742	ug/l	77
93) 1,2,4-Trichlorobenzene	15.400	180	37034	18.413	ug/l	95
94) Hexachlorobutadiene	15.506	225	17640	18.276	ug/l	99
95) Naphthalene	15.641	128	152791	19.303	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	38918	19.991	ug/l	97

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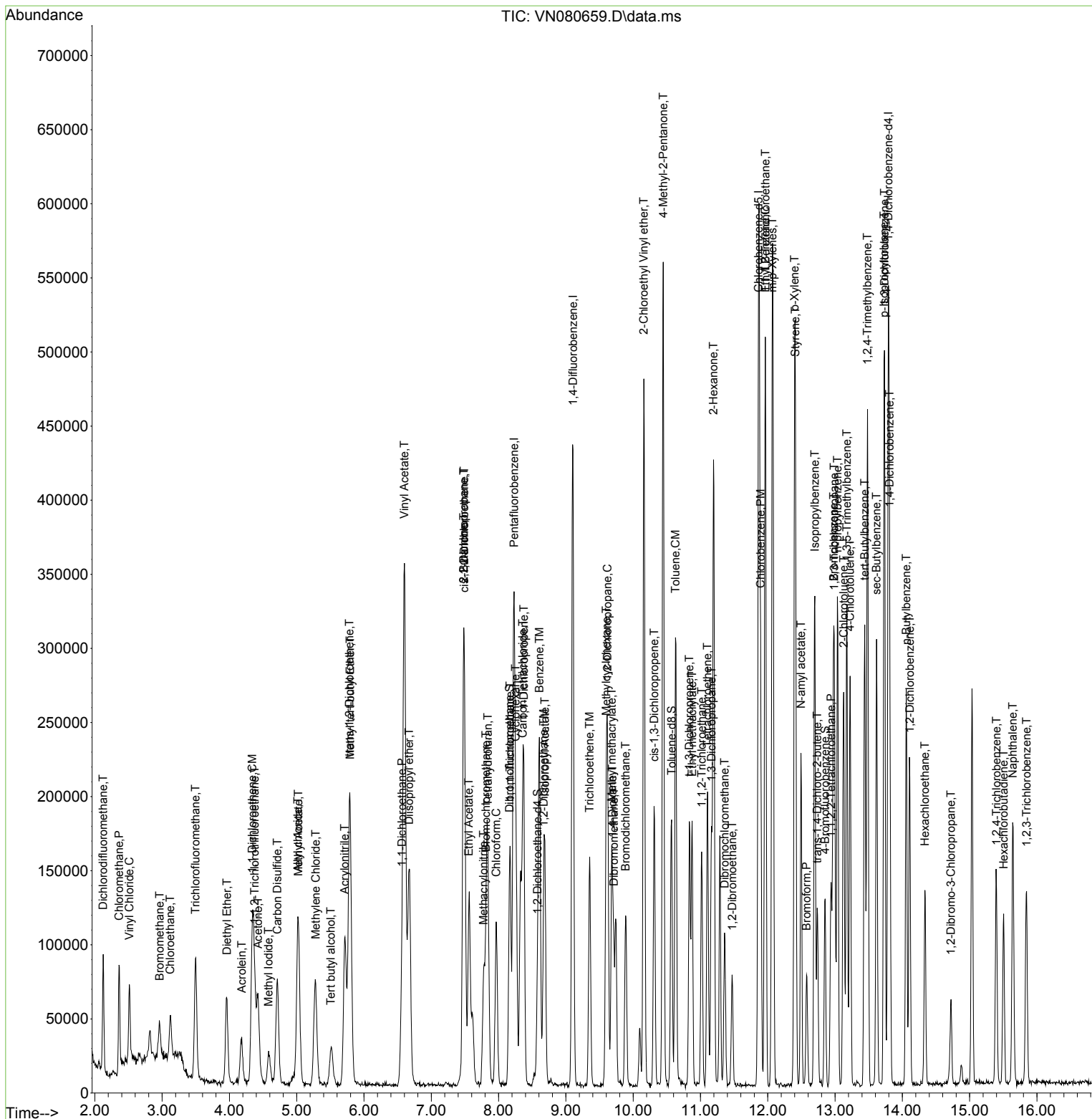
Instrument :
MSVOA_N
ClientSampleId :

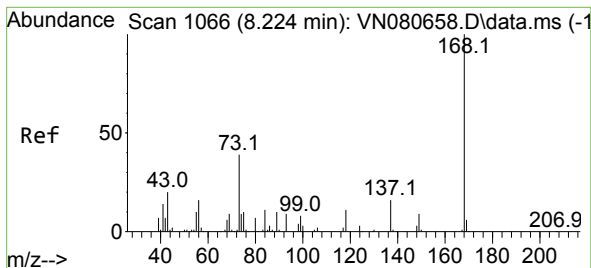
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080659.D

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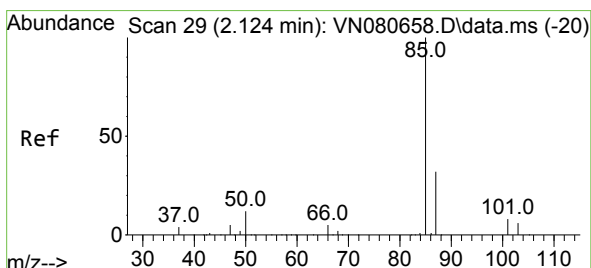
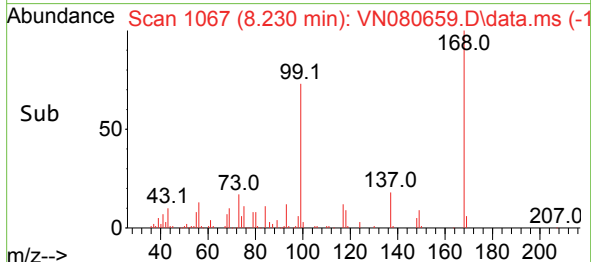
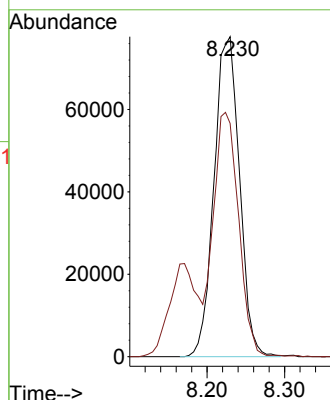
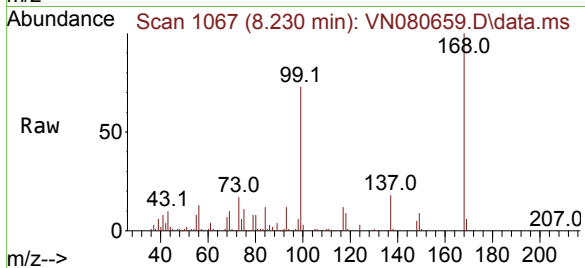
ClientSampleId :

Tgt Ion:168 Resp: 177387

Ion Ratio Lower Upper

168 100

99 72.5 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 21.217 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080659.D

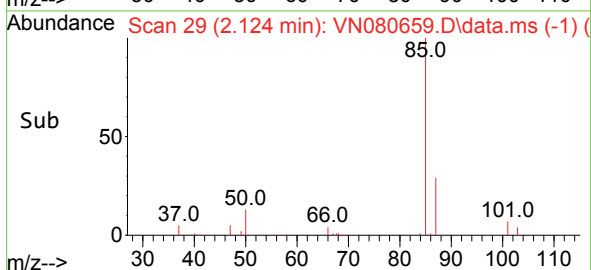
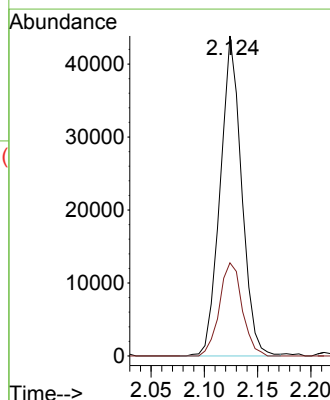
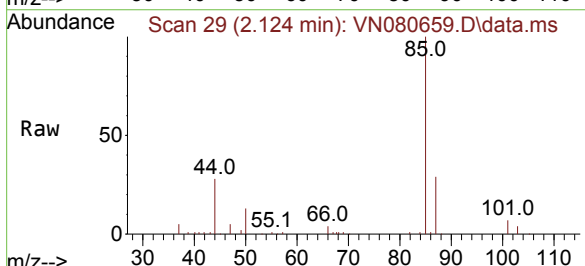
Acq: 10 Jan 2024 13:33

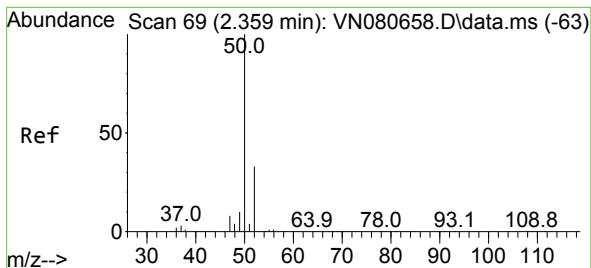
Tgt Ion: 85 Resp: 61146

Ion Ratio Lower Upper

85 100

87 29.1 15.8 47.4





#3

Chloromethane

Concen: 19.399 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

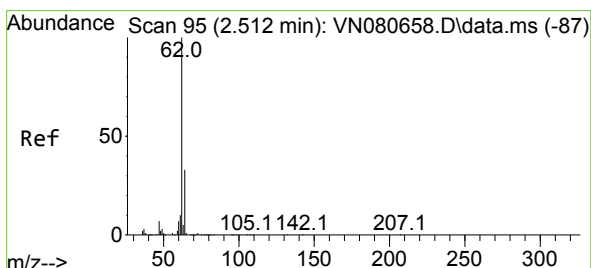
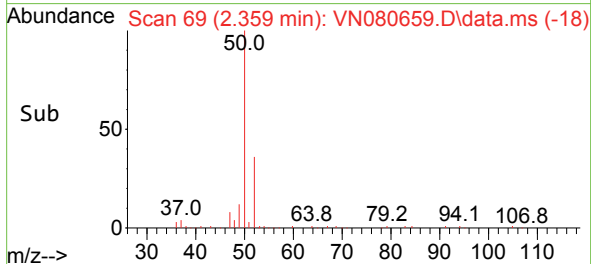
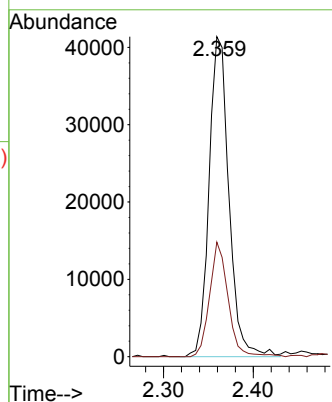
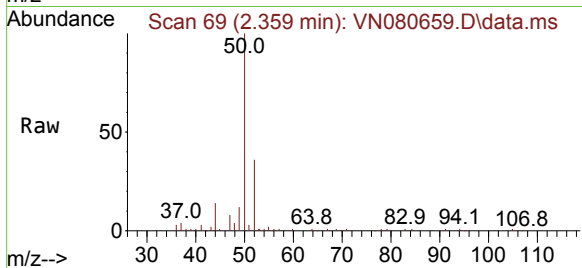
ClientSampleId :

Tgt Ion: 50 Resp: 63521

Ion Ratio Lower Upper

50 100

52 35.8 26.5 39.7



#4

Vinyl Chloride

Concen: 19.190 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN080659.D

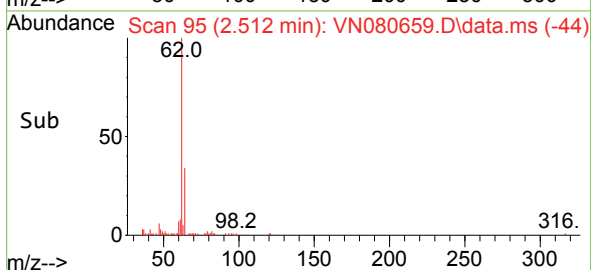
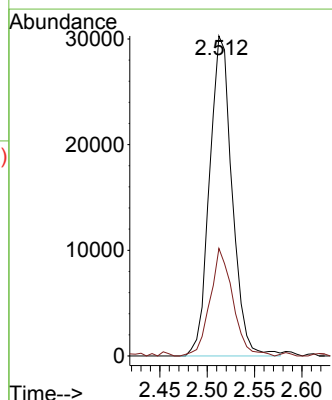
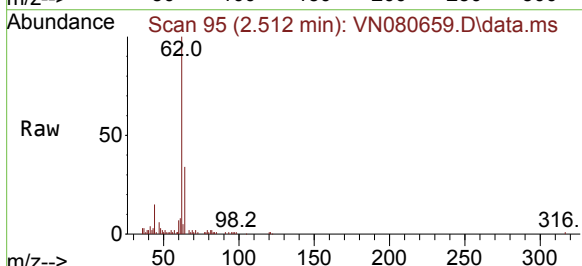
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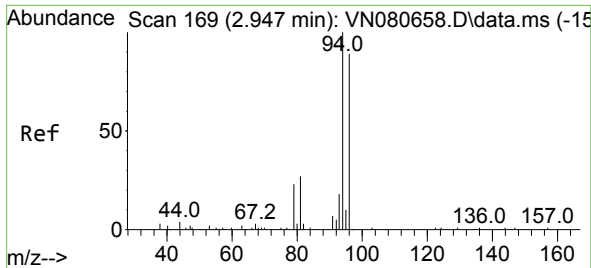
Tgt Ion: 62 Resp: 50176

Ion Ratio Lower Upper

62 100

64 33.6 26.2 39.2

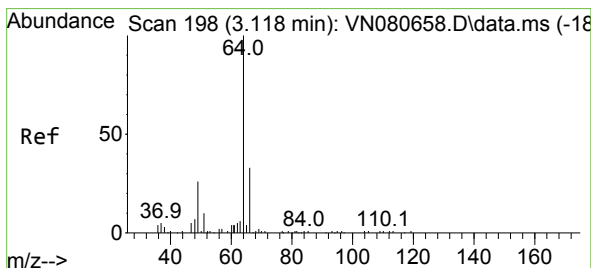
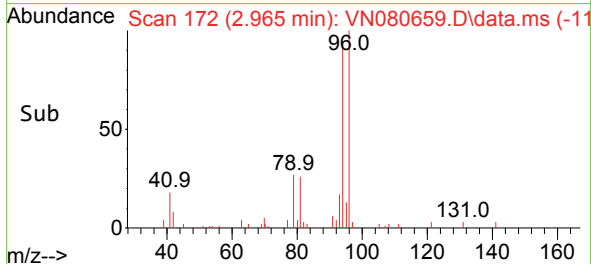
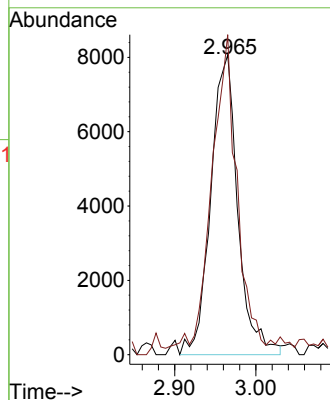
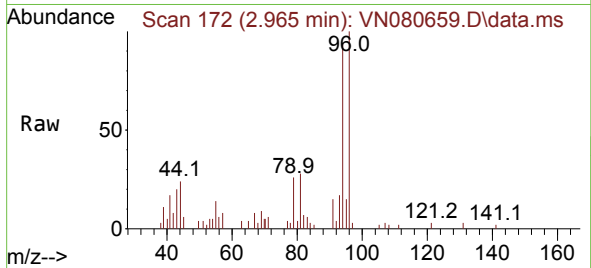




#5
Bromomethane
Concen: 18.788 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN080659.D
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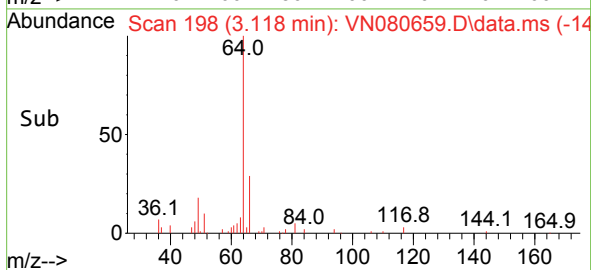
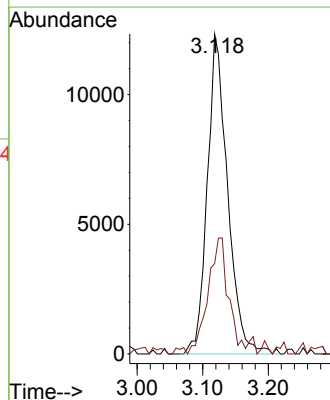
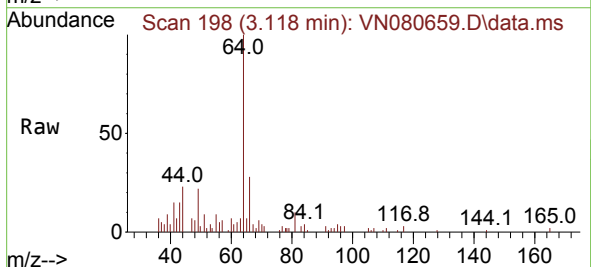
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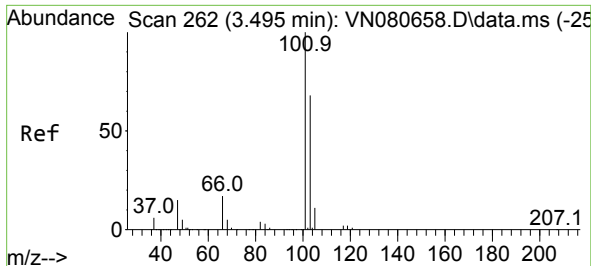
Tgt Ion: 94 Resp: 18672
Ion Ratio Lower Upper
94 100
96 102.8 73.1 109.7



#6
Chloroethane
Concen: 18.785 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 64 Resp: 26629
Ion Ratio Lower Upper
64 100
66 26.8 25.4 38.2

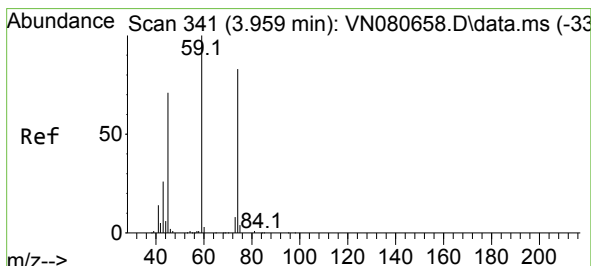
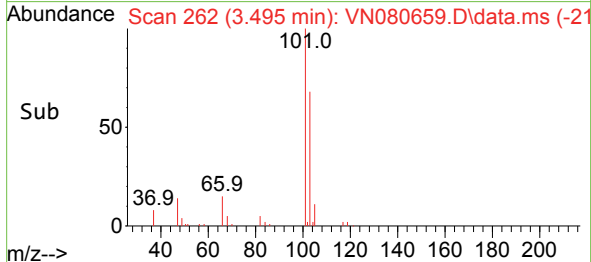
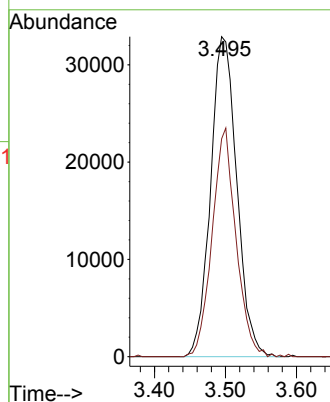
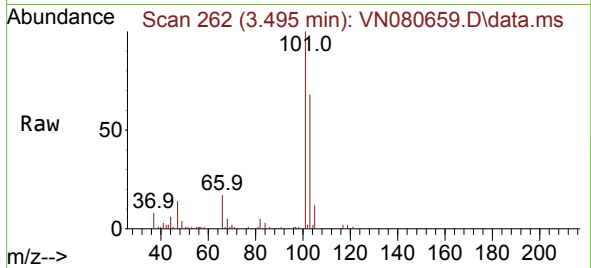




#7
 Trichlorofluoromethane
 Concen: 19.506 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

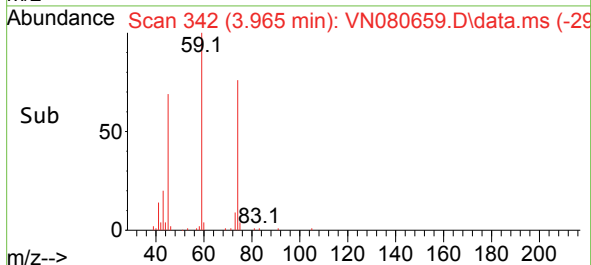
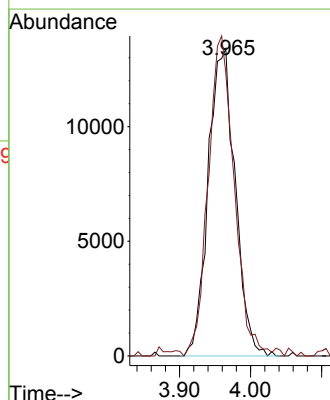
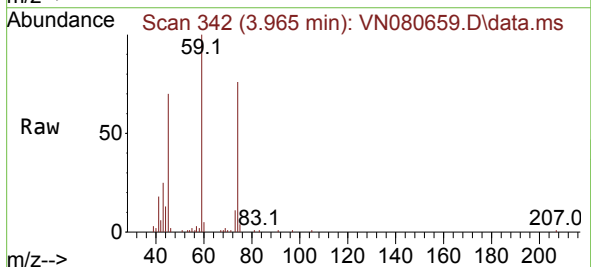
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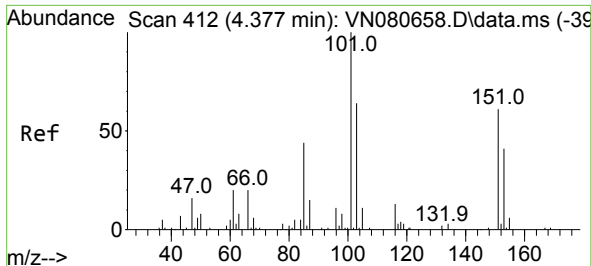
Tgt Ion:101 Resp: 84224
 Ion Ratio Lower Upper
 101 100
 103 68.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 18.756 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN080659.D
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Tgt Ion: 74 Resp: 35394
 Ion Ratio Lower Upper
 74 100
 45 100.3 34.4 103.3

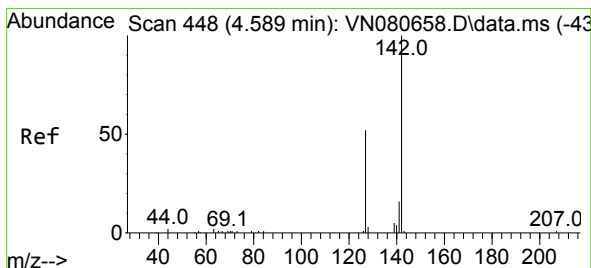
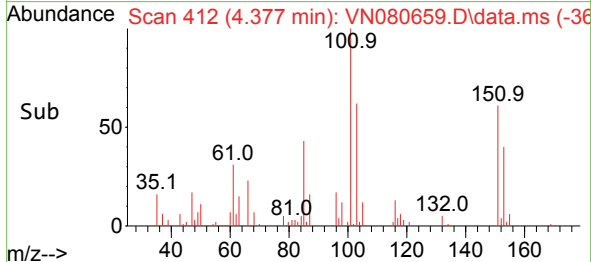
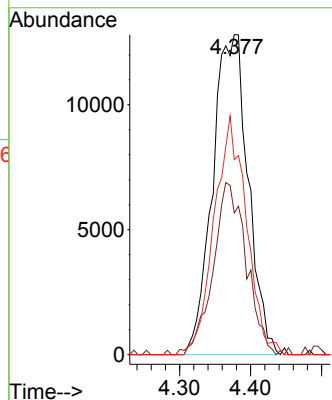
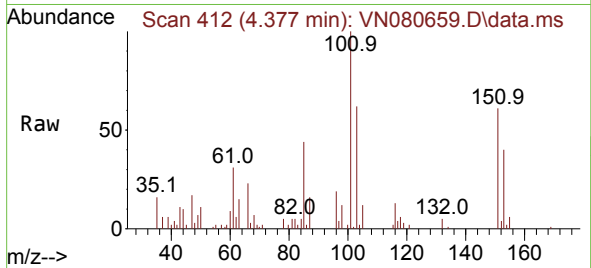




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.910 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

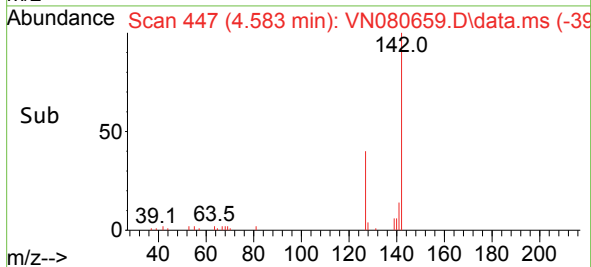
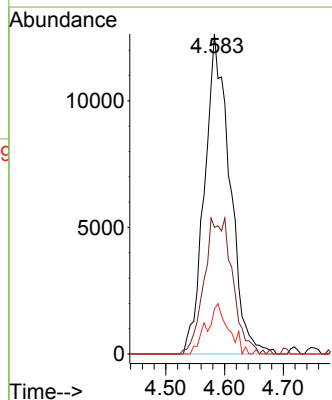
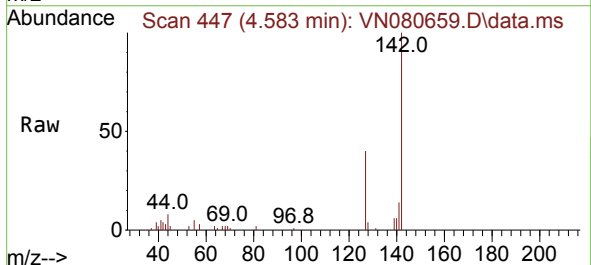
Instrument :
MSVOA_N
ClientSampleId :

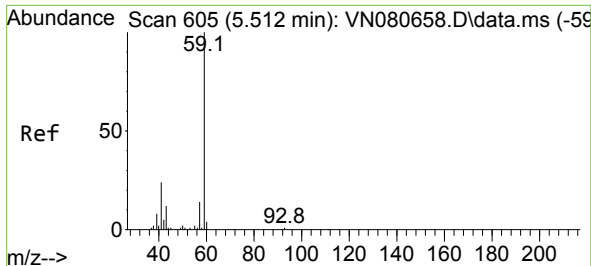
Tgt Ion:101 Resp: 44504
Ion Ratio Lower Upper
101 100
85 50.3 36.6 55.0
151 67.7 57.6 86.4



#10
Methyl Iodide
Concen: 19.210 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

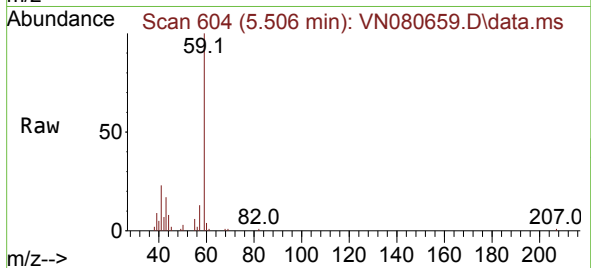
Tgt Ion:142 Resp: 37803
Ion Ratio Lower Upper
142 100
127 39.6 37.6 56.4
141 14.1 11.4 17.0



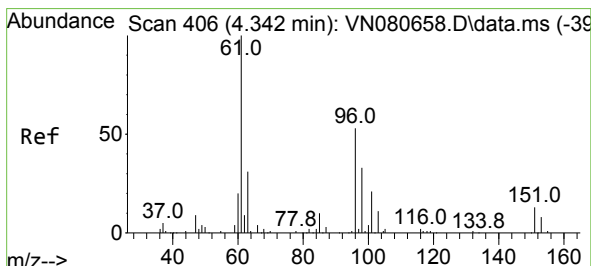
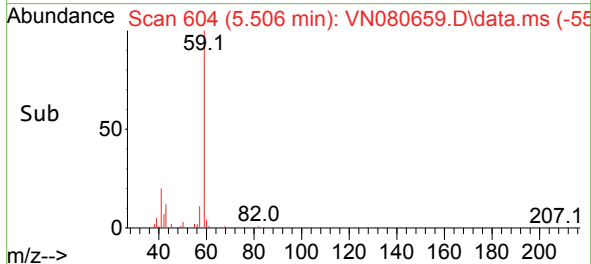
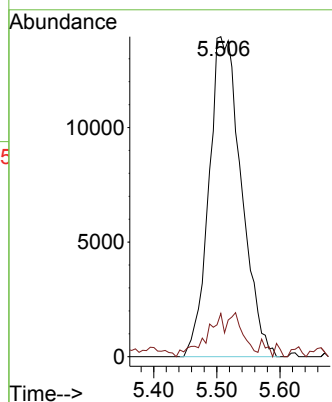


#11
Tert butyl alcohol
Concen: 94.544 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

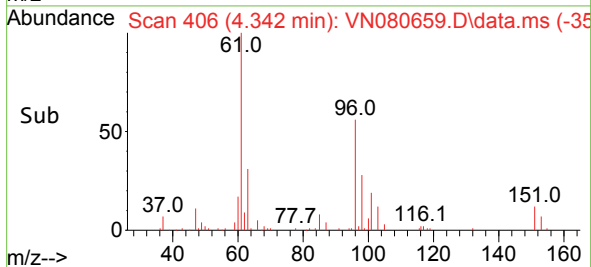
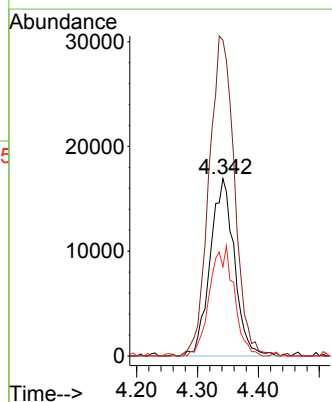
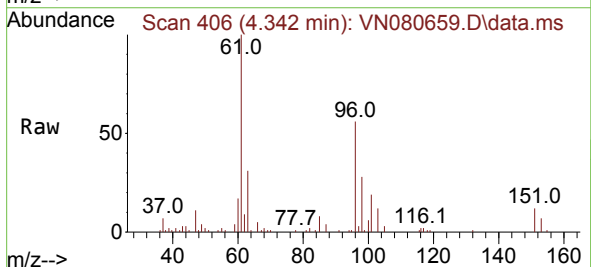


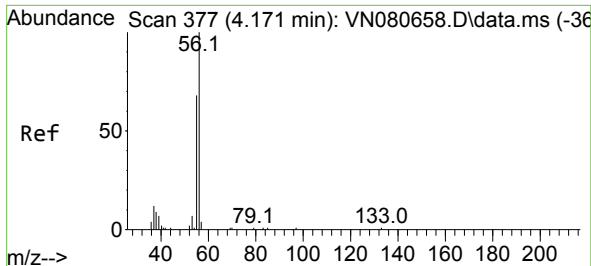
Tgt Ion: 59 Resp: 49808
Ion Ratio Lower Upper
59 100
57 7.5 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 17.617 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 96 Resp: 46657
Ion Ratio Lower Upper
96 100
61 178.1 112.7 169.1#
98 50.3 51.2 76.8#





#13

Acrolein

Concen: 91.649 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.012 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

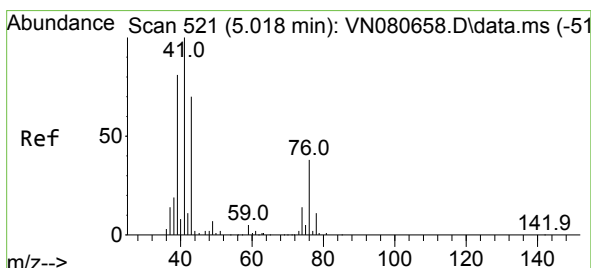
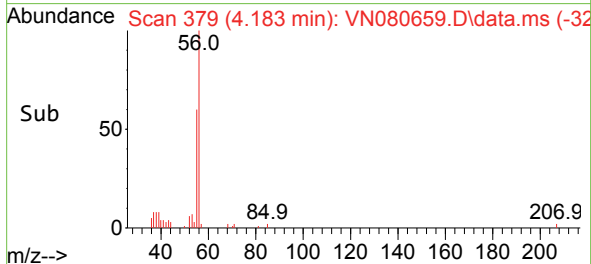
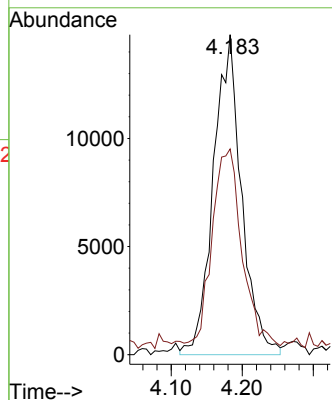
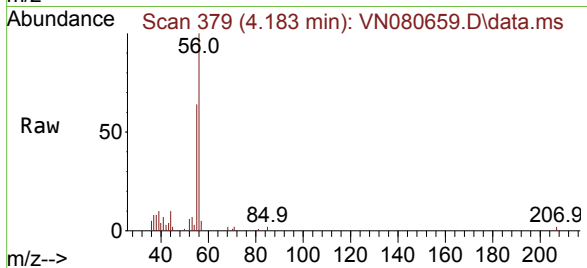
ClientSampleId :

Tgt Ion: 56 Resp: 40642

Ion Ratio Lower Upper

56 100

55 65.2 54.5 81.7



#14

Allyl chloride

Concen: 18.165 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

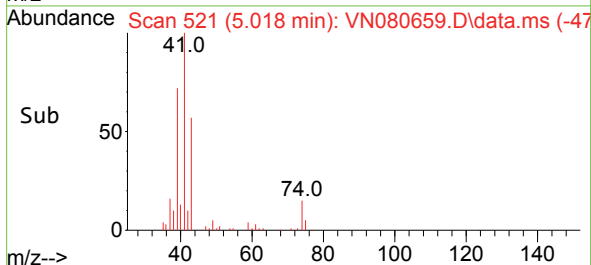
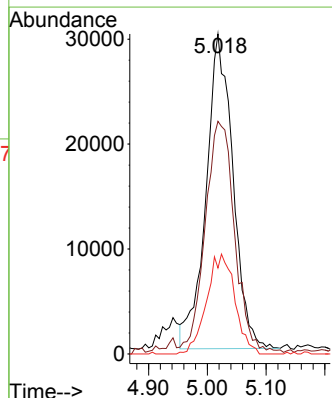
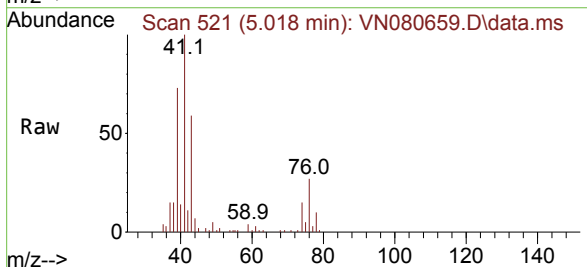
Tgt Ion: 41 Resp: 95364

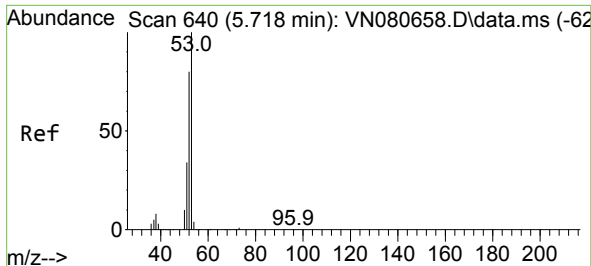
Ion Ratio Lower Upper

41 100

39 79.9 58.8 88.2

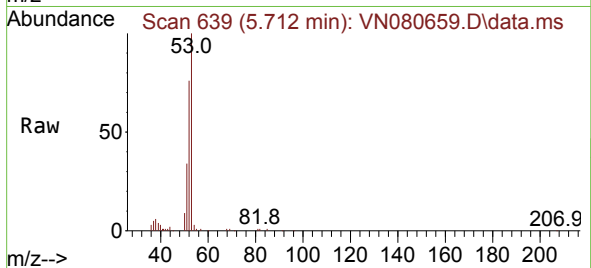
76 33.2 39.1 58.7#



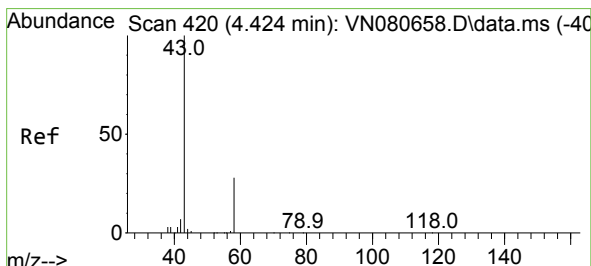
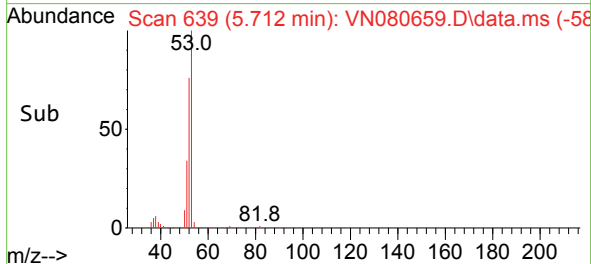
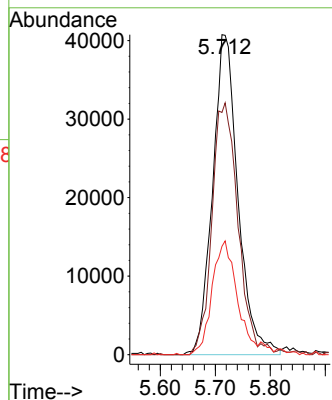


#15
Acrylonitrile
Concen: 95.186 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

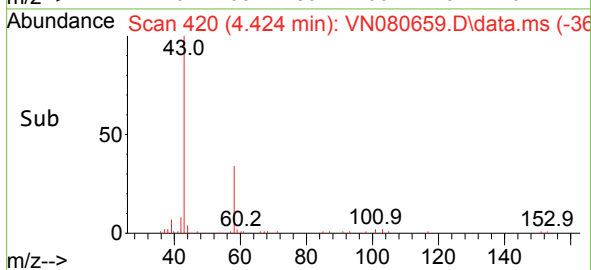
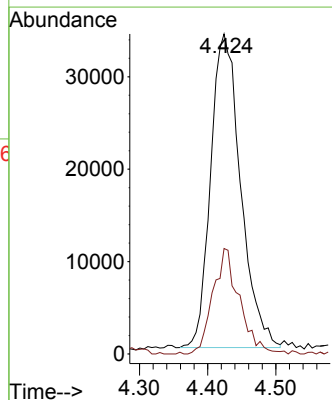
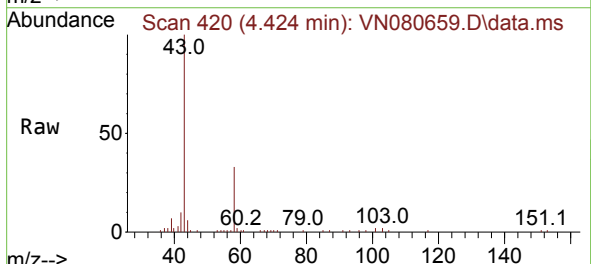


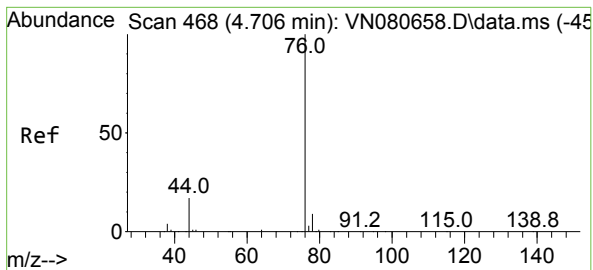
Tgt Ion: 53 Resp: 130948
Ion Ratio Lower Upper
53 100
52 80.7 65.3 97.9
51 34.8 28.9 43.3



#16
Acetone
Concen: 101.526 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 43 Resp: 103831
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17

Carbon Disulfide

Concen: 18.715 ug/l

RT: 4.712 min Scan# 4

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

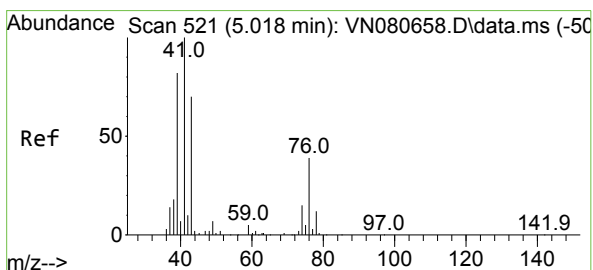
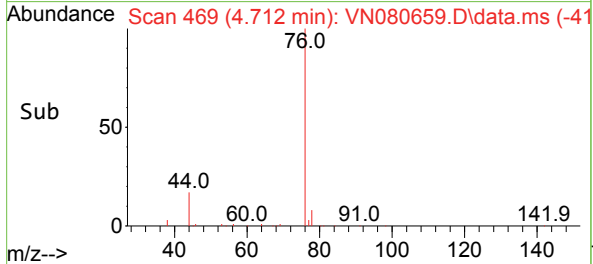
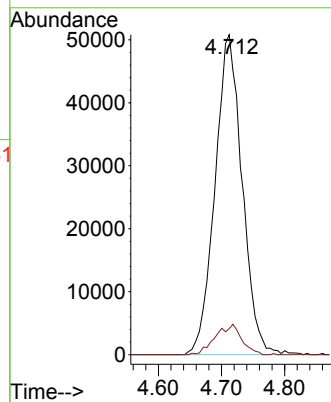
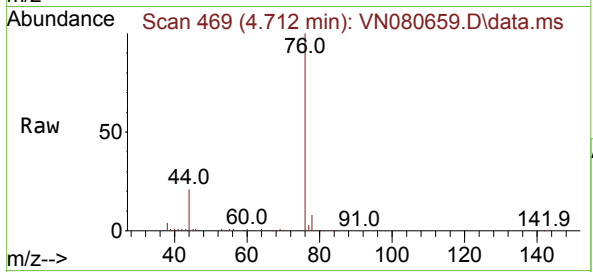
ClientSampleId :

Tgt Ion: 76 Resp: 151596

Ion Ratio Lower Upper

76 100

78 8.2 7.4 11.0



#18

Methyl Acetate

Concen: 19.801 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080659.D

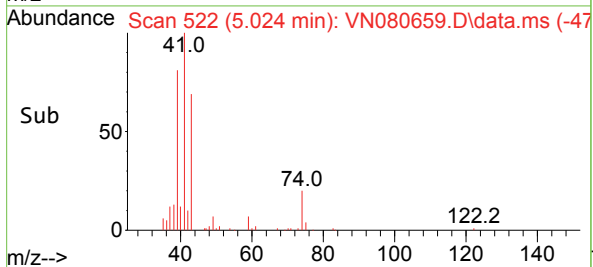
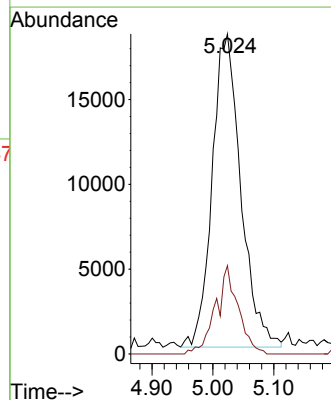
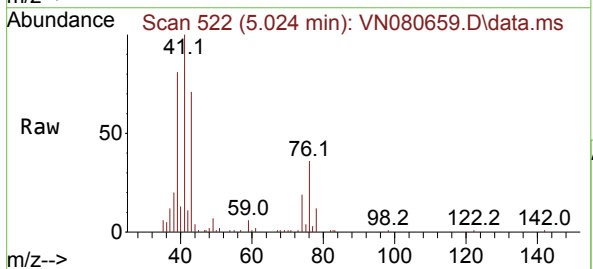
Acq: 10 Jan 2024 13:33

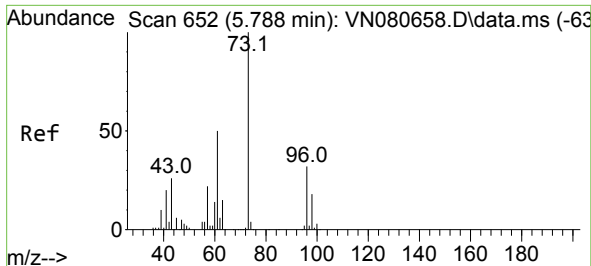
Tgt Ion: 43 Resp: 60303

Ion Ratio Lower Upper

43 100

74 22.2 26.2 39.4#

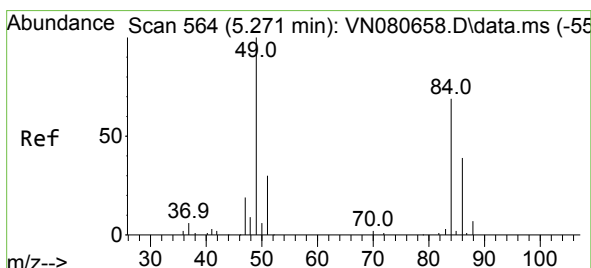
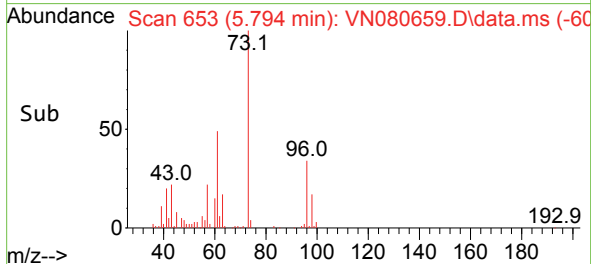
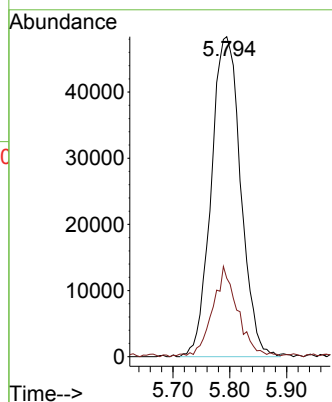
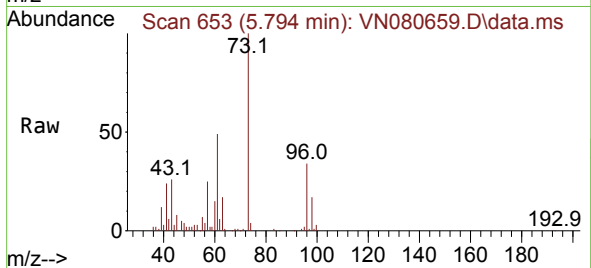




#19
Methyl tert-butyl Ether
Concen: 19.099 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

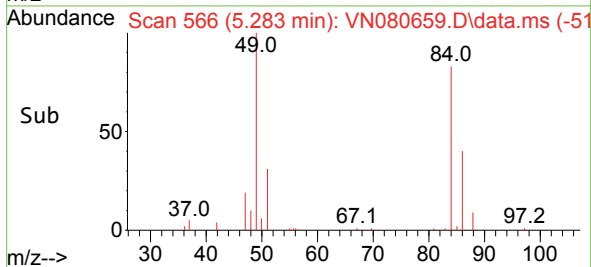
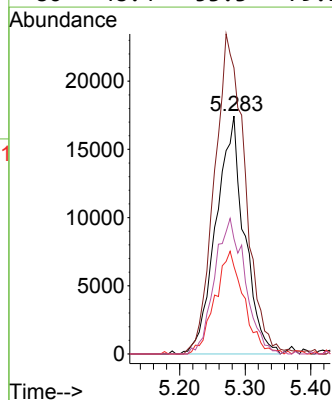
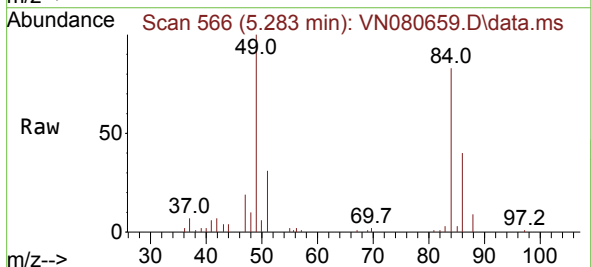
Instrument :
MSVOA_N
ClientSampleId :

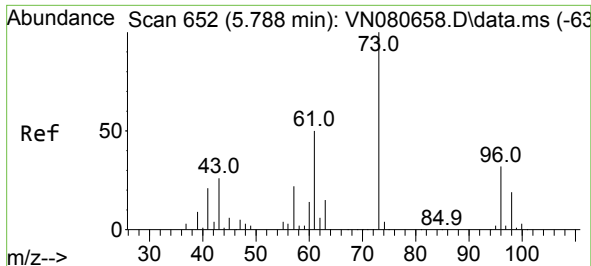
Tgt Ion: 73 Resp: 174294
Ion Ratio Lower Upper
73 100
57 24.2 15.6 23.4#



#20
Methylene Chloride
Concen: 17.524 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.012 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 84 Resp: 52320
Ion Ratio Lower Upper
84 100
49 120.2 79.7 119.5#
51 36.8 25.2 37.8
86 48.4 53.3 79.9#

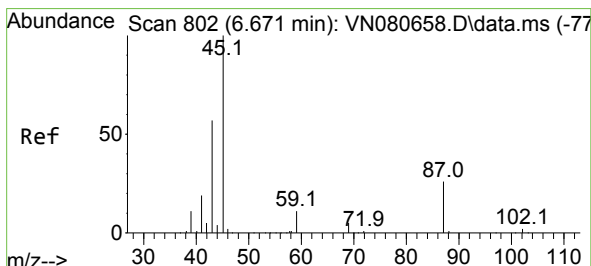
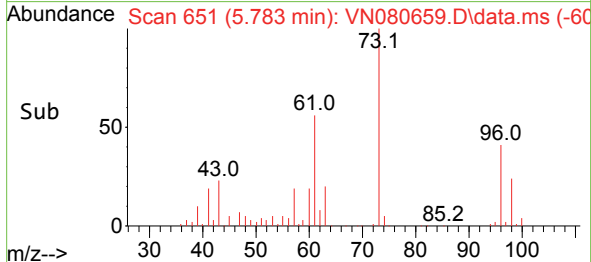
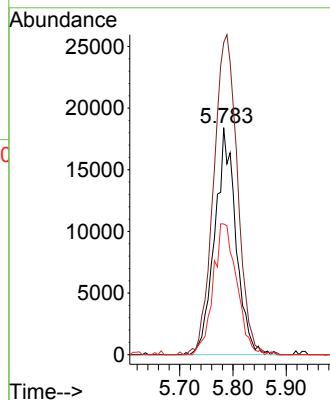
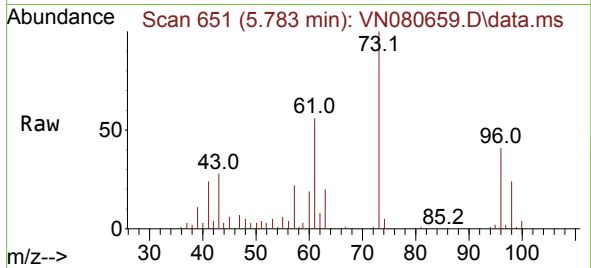




#21
trans-1,2-Dichloroethene
Concen: 19.000 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

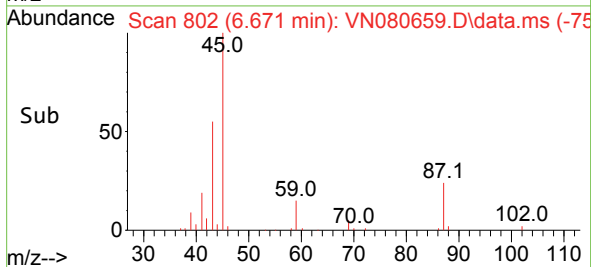
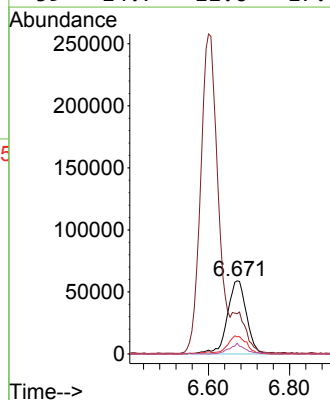
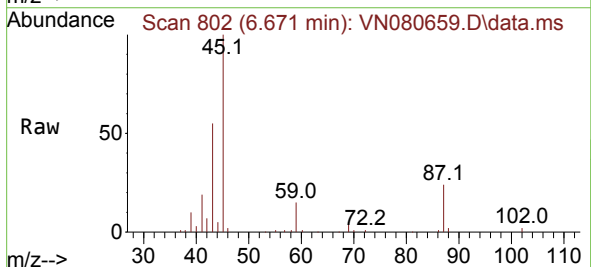
Instrument :
MSVOA_N
ClientSampleId :

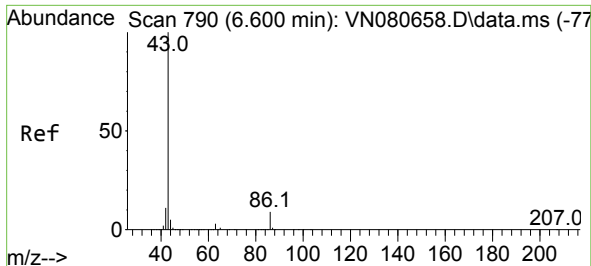
Tgt Ion: 96 Resp: 51039
Ion Ratio Lower Upper
96 100
61 137.5 90.1 135.1#
98 57.6 46.4 69.6



#22
Diisopropyl ether
Concen: 19.530 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 45 Resp: 193347
Ion Ratio Lower Upper
45 100
43 54.3 45.5 68.3
87 23.7 31.8 47.8#
59 14.7 11.6 17.4

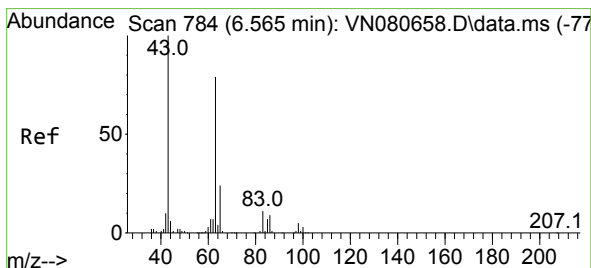
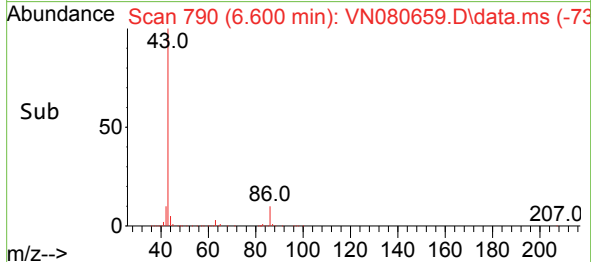
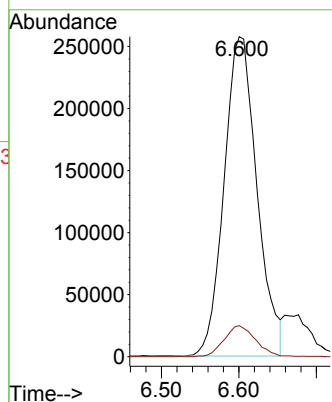
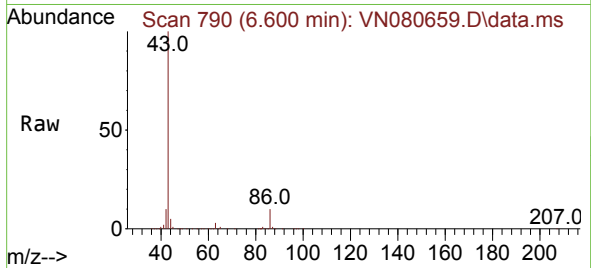




#23
 Vinyl Acetate
 Concen: 94.826 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

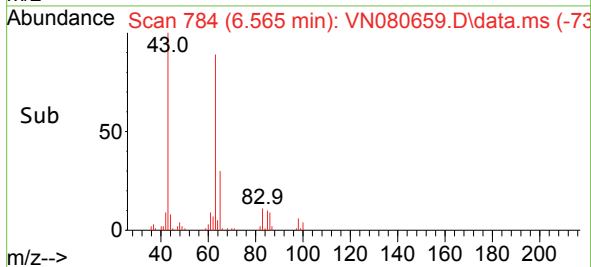
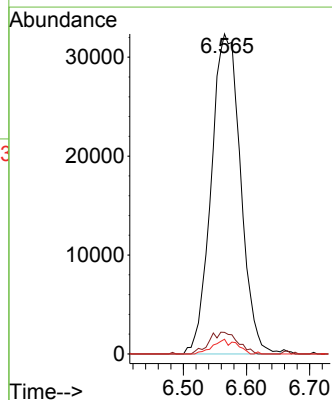
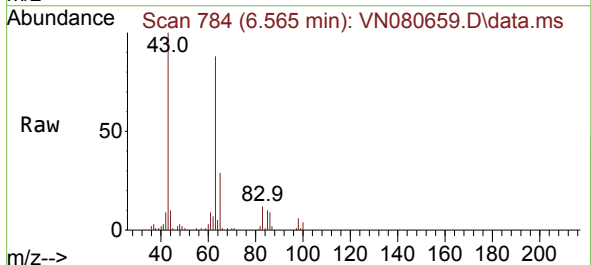
Instrument :
 MSVOA_N
 ClientSampleId :

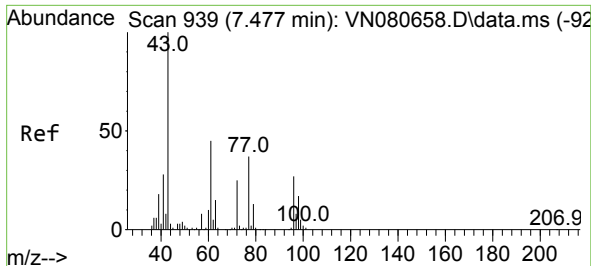
Tgt Ion: 43 Resp: 759705
 Ion Ratio Lower Upper
 43 100
 86 9.6 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.237 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

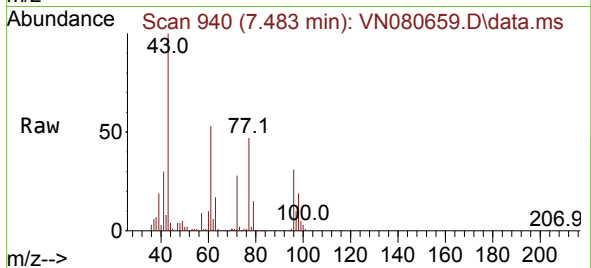
Tgt Ion: 63 Resp: 104249
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.6 2.5 7.4



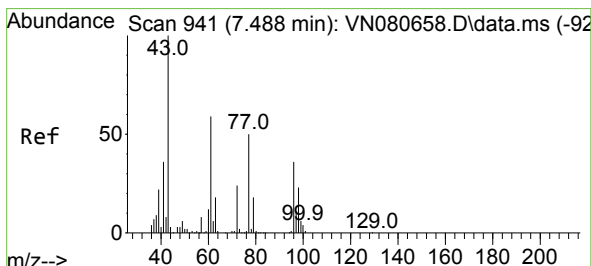
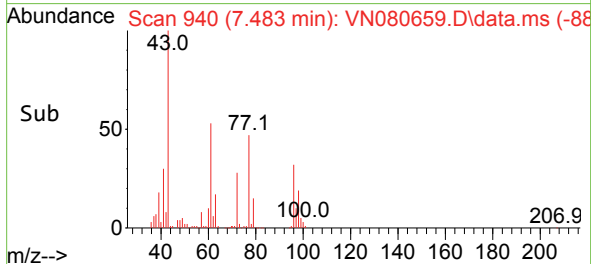
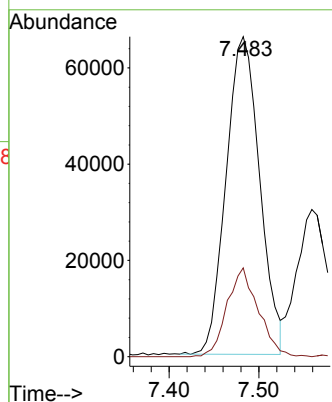


#25
2-Butanone
Concen: 92.947 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

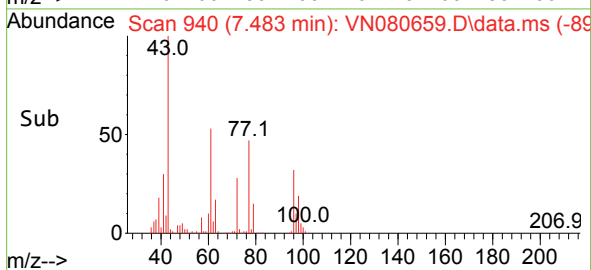
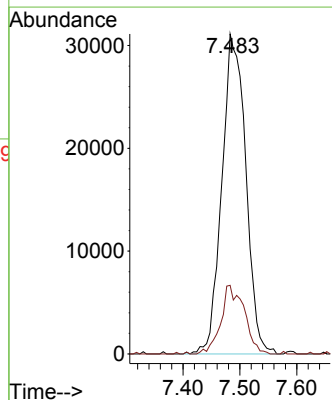
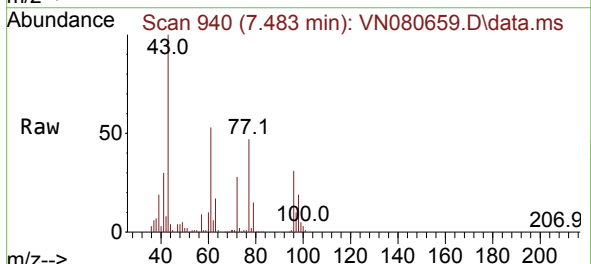


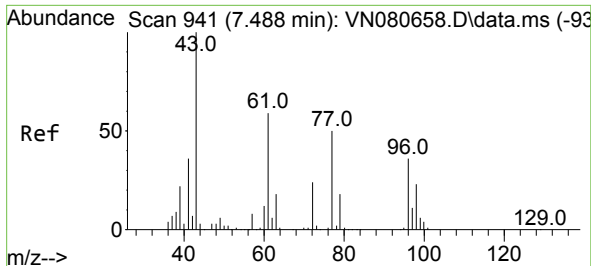
Tgt Ion: 43 Resp: 171824
Ion Ratio Lower Upper
43 100
72 28.0 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 19.176 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

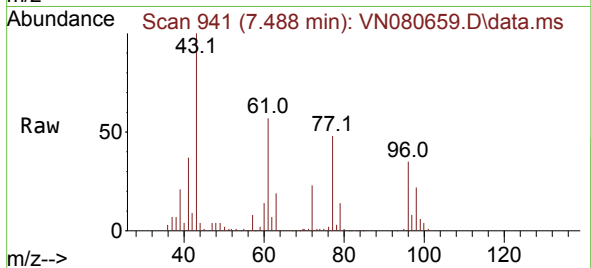
Tgt Ion: 77 Resp: 90882
Ion Ratio Lower Upper
77 100
97 21.0 11.2 33.6



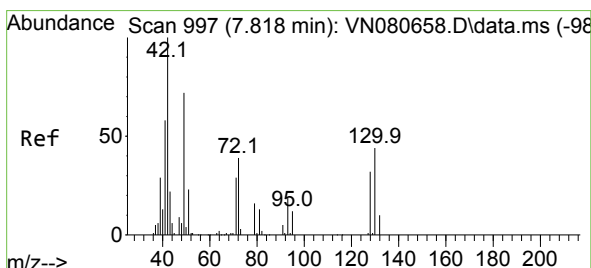
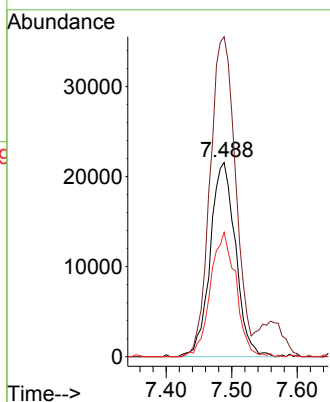
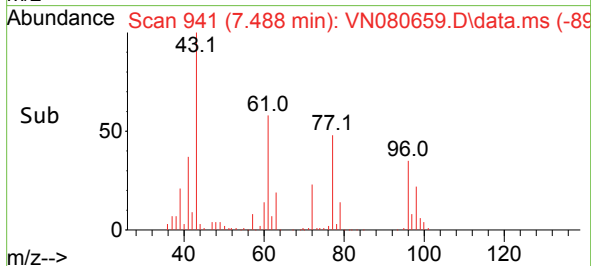


#27
cis-1,2-Dichloroethene
Concen: 19.525 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

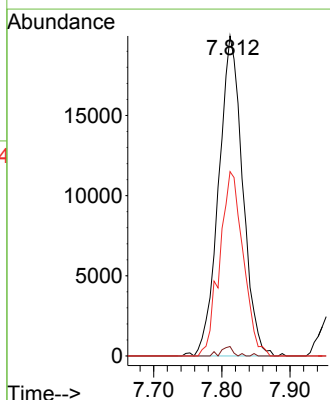
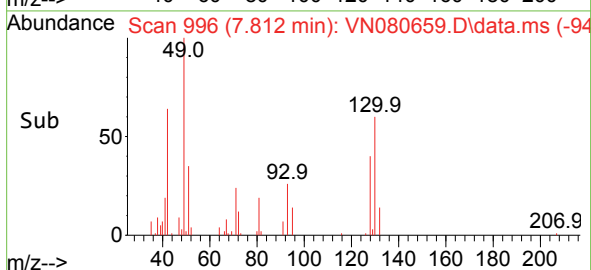
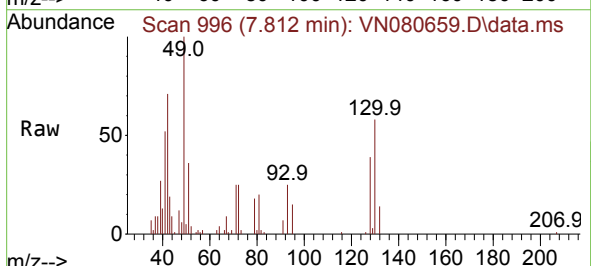


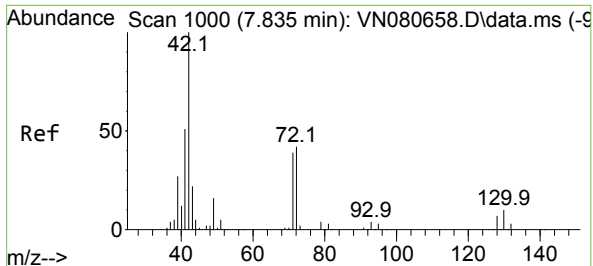
Tgt Ion: 96 Resp: 57820
Ion Ratio Lower Upper
96 100
61 167.5 0.0 255.2
98 64.6 0.0 128.8



#28
Bromochloromethane
Concen: 19.312 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 49 Resp: 48926
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.8
130 56.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 91.484 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

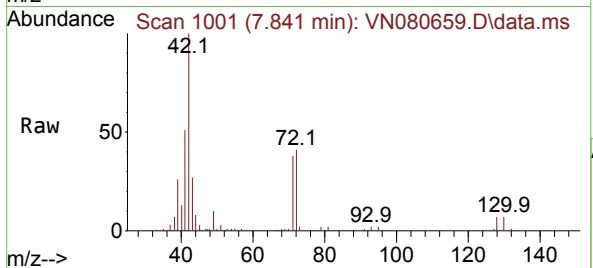
Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

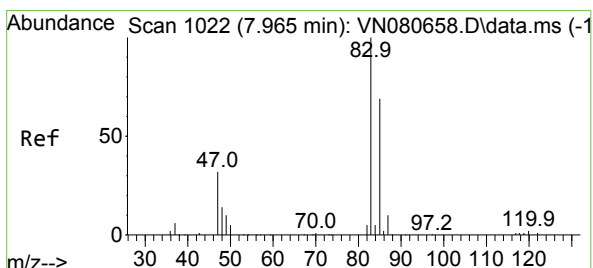
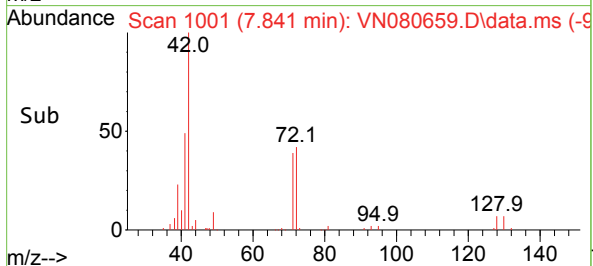
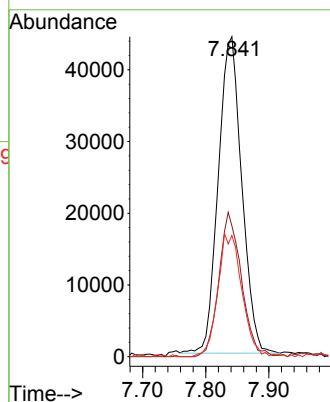
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	113990
Ion Ratio	Lower	Upper	
42	100		
72	43.8	49.8	74.6#
71	39.8	47.4	71.2#



#30

Chloroform

Concen: 19.561 ug/l

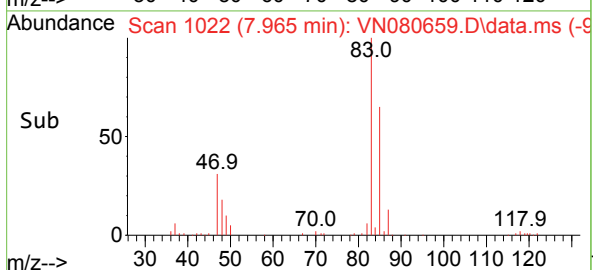
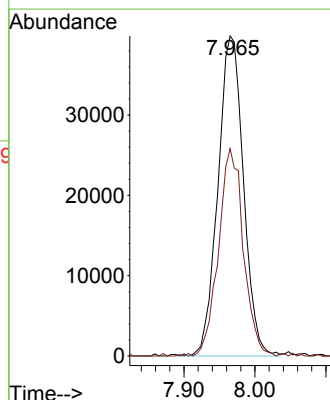
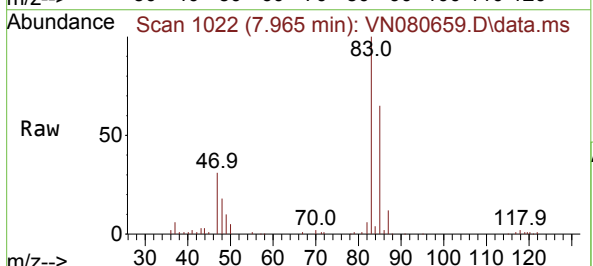
RT: 7.965 min Scan# 1022

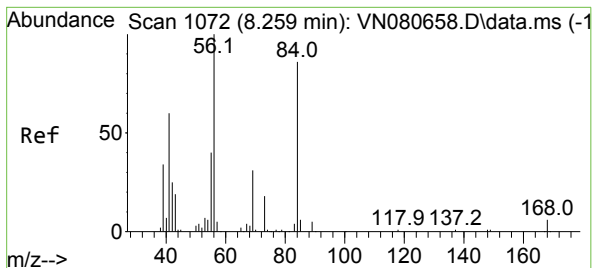
Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion:	83	Resp:	99377
Ion Ratio	Lower	Upper	
83	100		
85	64.3	55.4	83.0





#31

Cyclohexane

Concen: 19.786 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.006 min

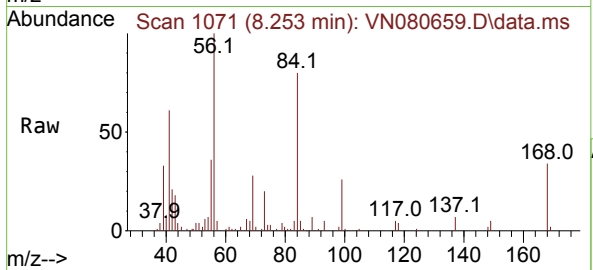
Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :



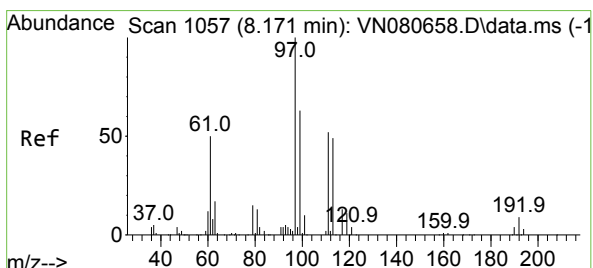
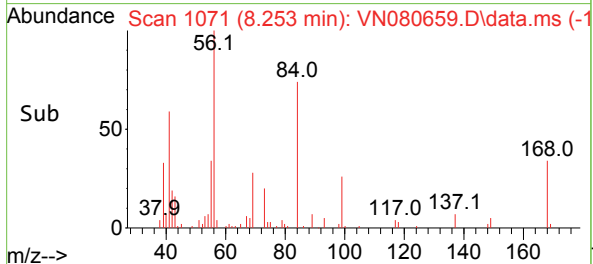
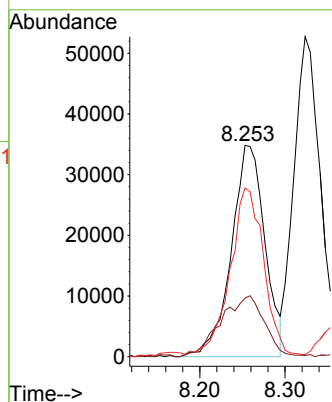
Tgt Ion: 56 Resp: 95222

Ion Ratio Lower Upper

56 100

69 27.7 26.8 40.2

84 77.9 81.8 122.6#



#32

1,1,1-Trichloroethane

Concen: 21.398 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

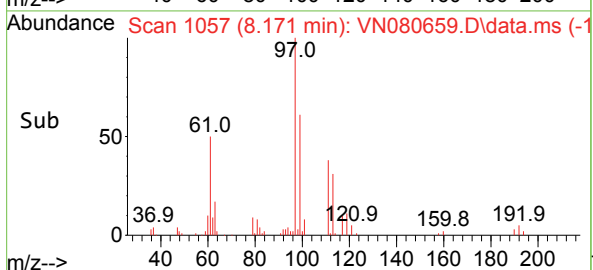
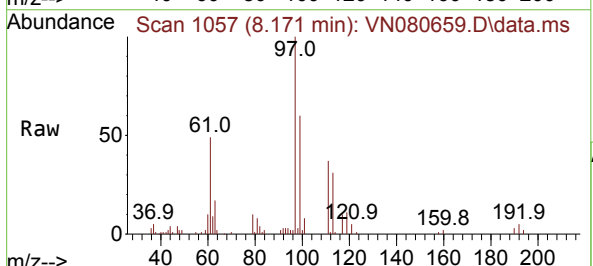
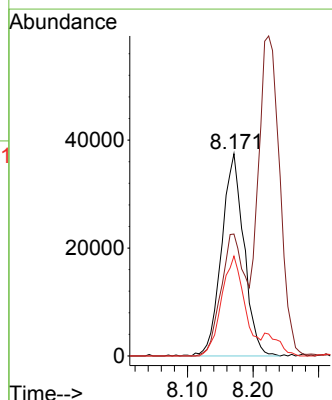
Tgt Ion: 97 Resp: 88644

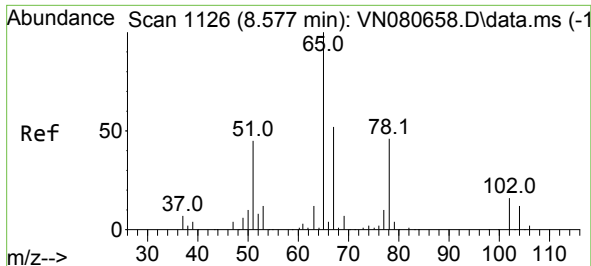
Ion Ratio Lower Upper

97 100

99 63.9 50.3 75.5

61 51.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 15.662 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

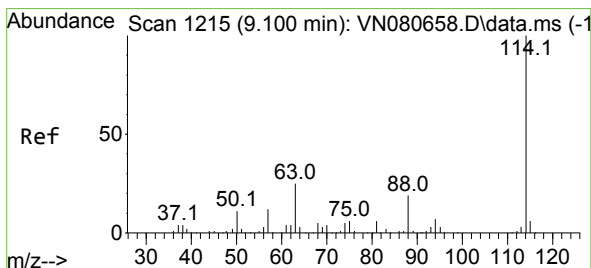
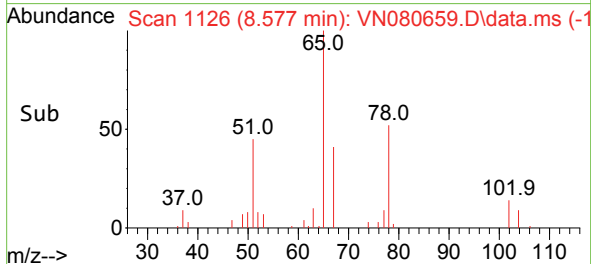
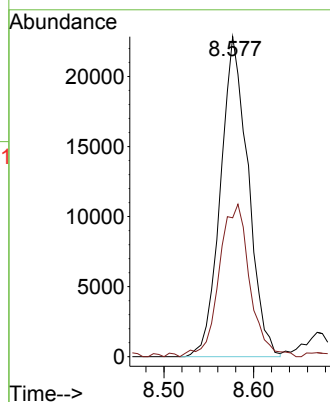
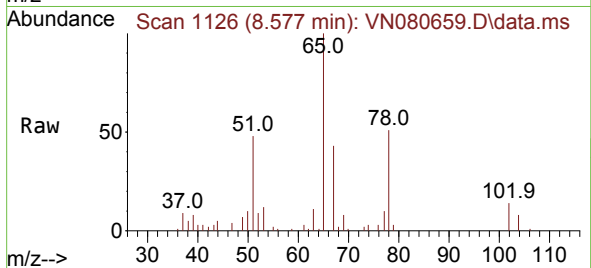
ClientSampleId :

Tgt Ion: 65 Resp: 48788

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

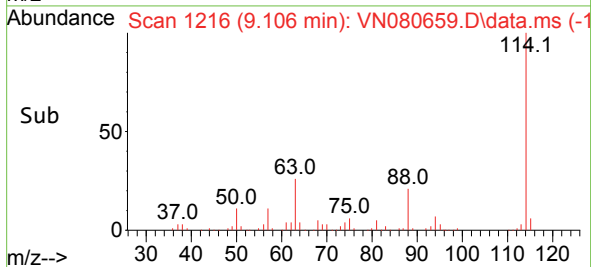
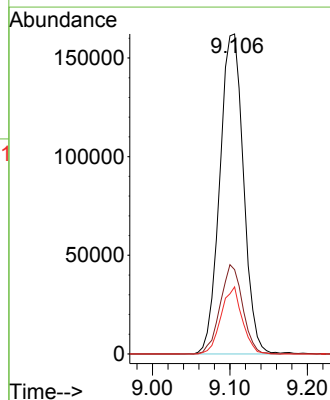
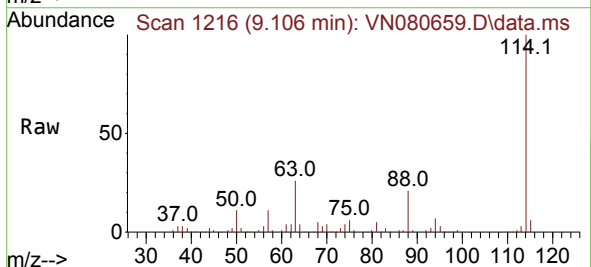
Tgt Ion: 114 Resp: 344720

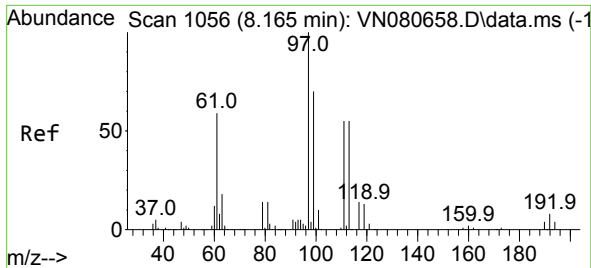
Ion Ratio Lower Upper

114 100

63 26.3 0.0 36.4

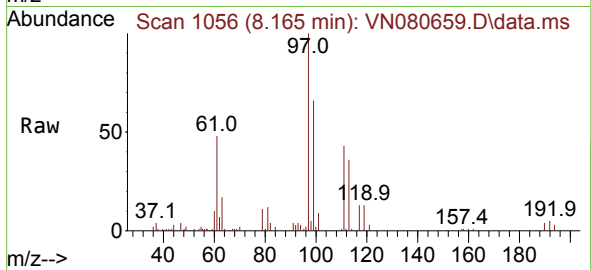
88 20.9 0.0 30.6



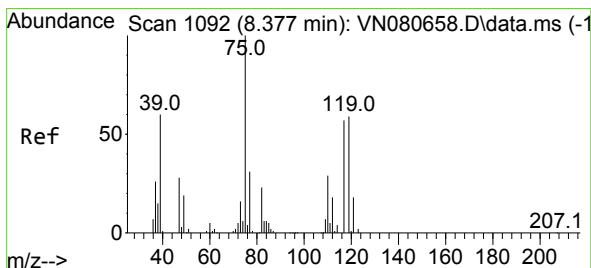
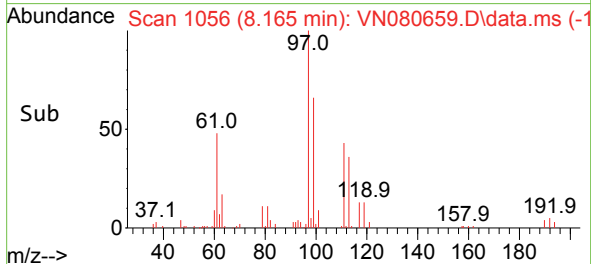
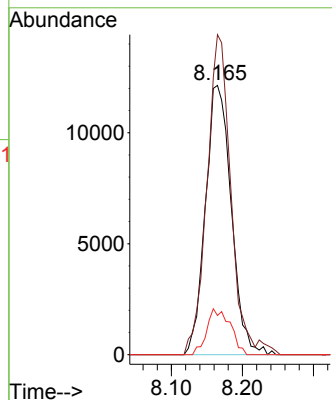


#35
Dibromofluoromethane
Concen: 15.693 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

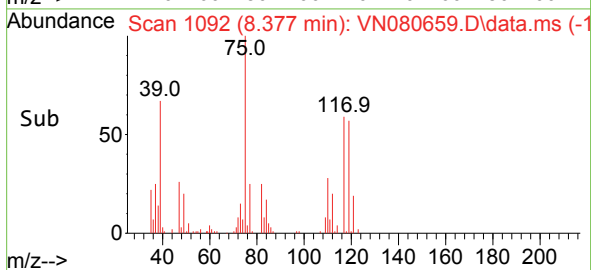
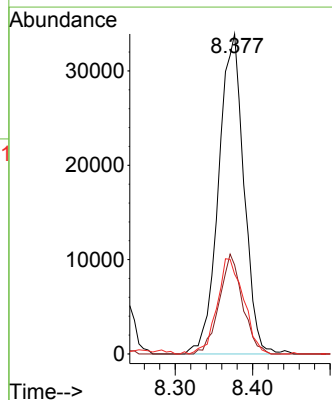
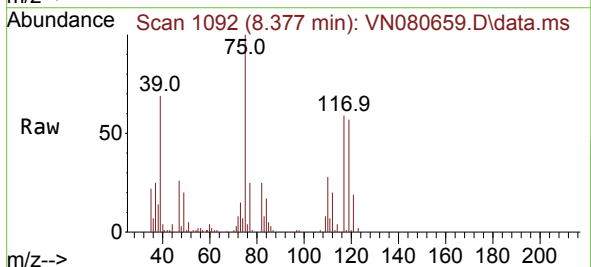


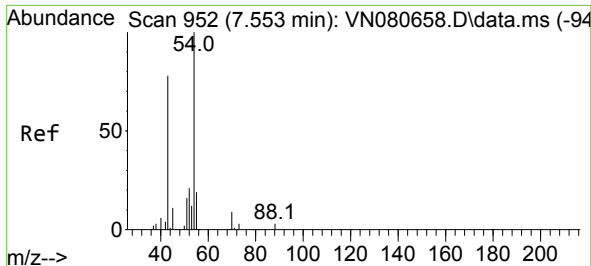
Tgt Ion:113 Resp: 30736
Ion Ratio Lower Upper
113 100
111 107.8 82.6 123.8
192 15.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.180 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

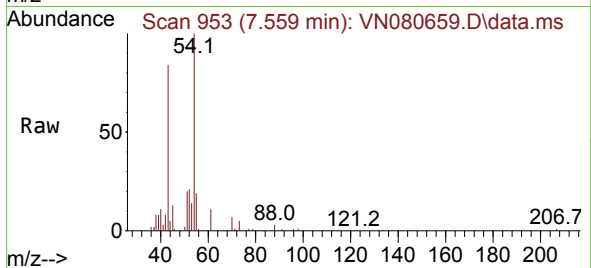
Tgt Ion: 75 Resp: 76950
Ion Ratio Lower Upper
75 100
110 28.9 19.1 57.3
77 31.2 25.0 37.4



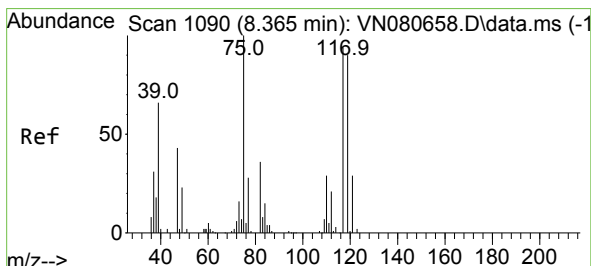
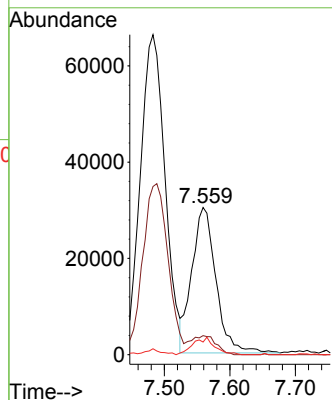
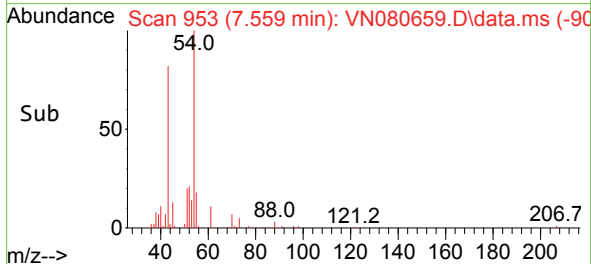


#37
Ethyl Acetate
Concen: 19.930 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

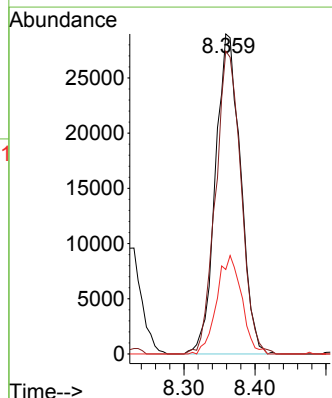
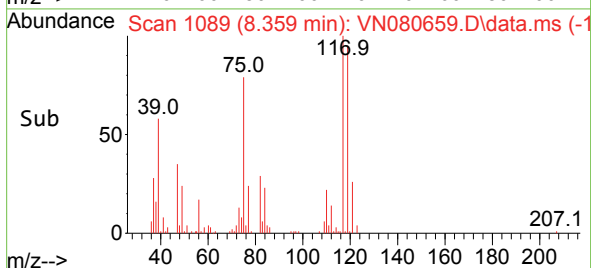
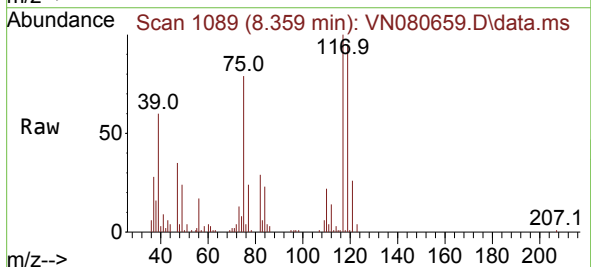


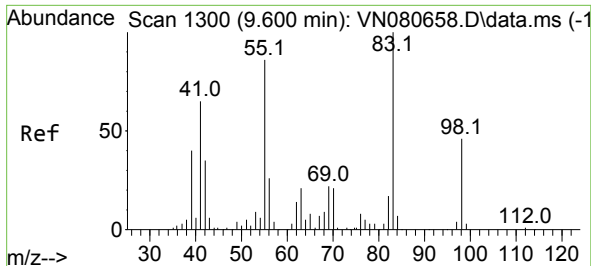
Tgt Ion: 43 Resp: 77539
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8#
70 10.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 19.659 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 117 Resp: 70818
Ion Ratio Lower Upper
117 100
119 94.7 77.3 115.9
121 26.4 23.3 34.9





#39

Methylcyclohexane

Concen: 19.587 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

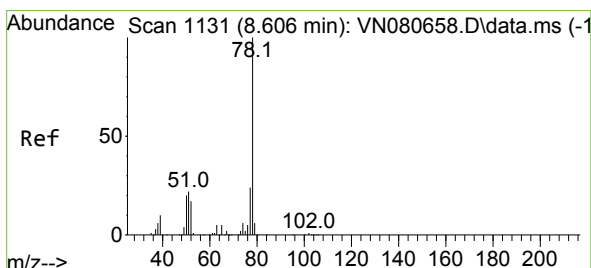
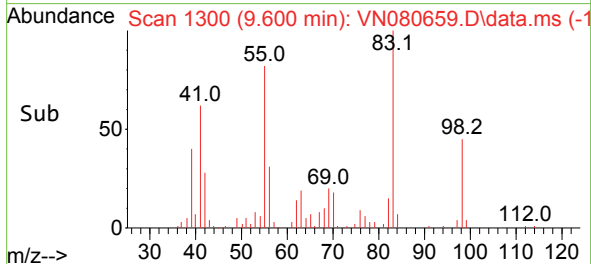
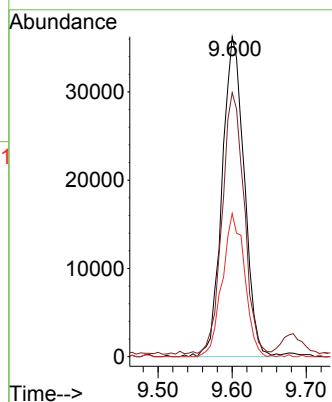
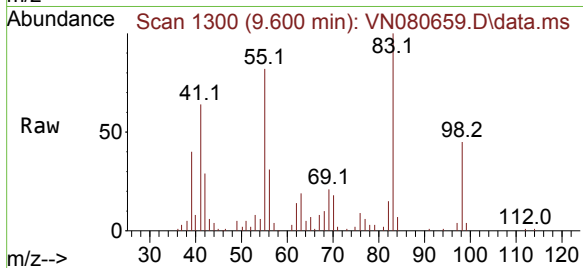
Tgt Ion: 83 Resp: 75204

Ion Ratio Lower Upper

83 100

55 80.8 49.1 73.7#

98 44.7 40.6 61.0



#40

Benzene

Concen: 19.181 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080659.D

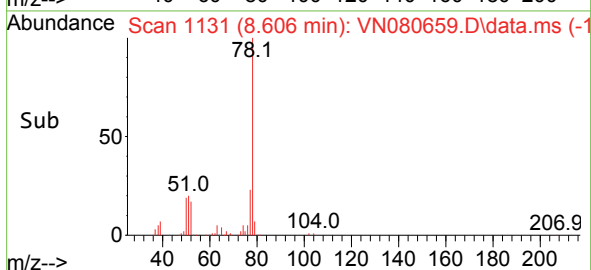
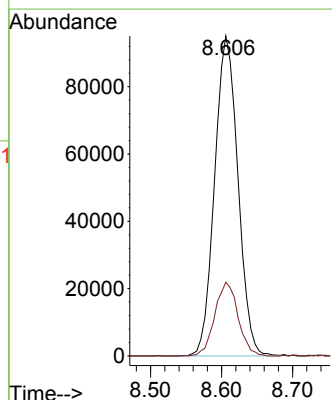
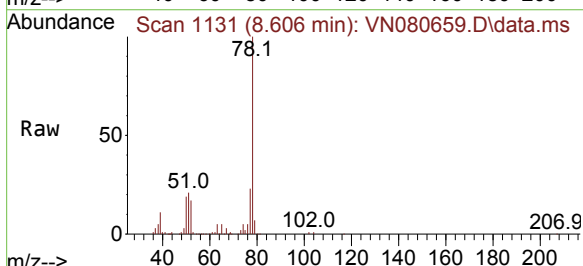
Acq: 10 Jan 2024 13:33

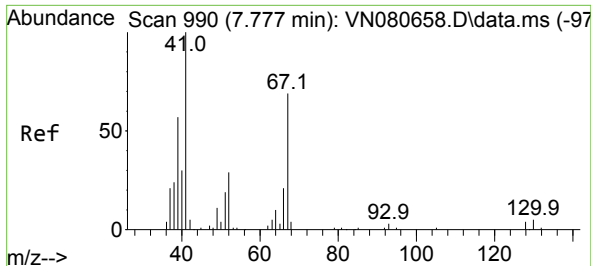
Tgt Ion: 78 Resp: 216339

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

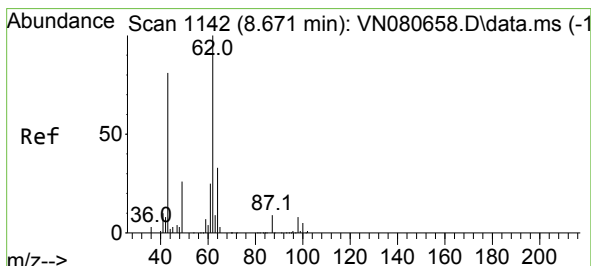
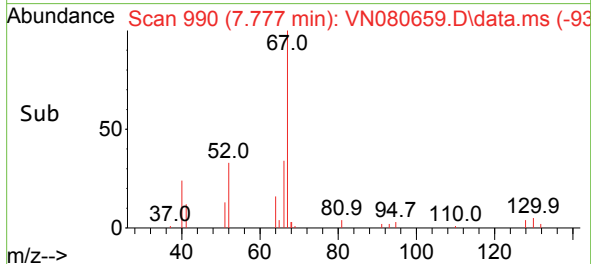
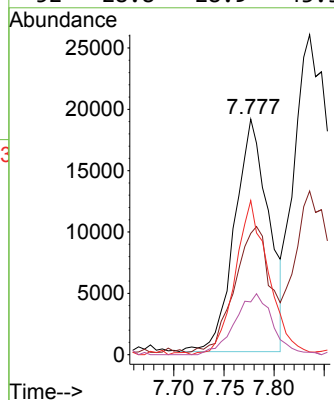
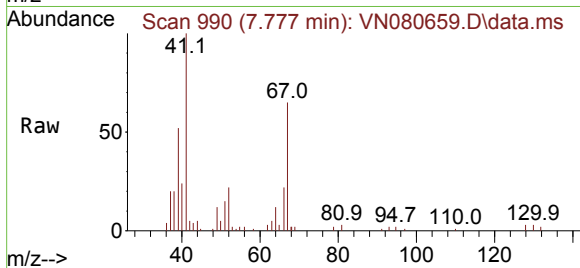




#41
Methacrylonitrile
Concen: 20.122 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

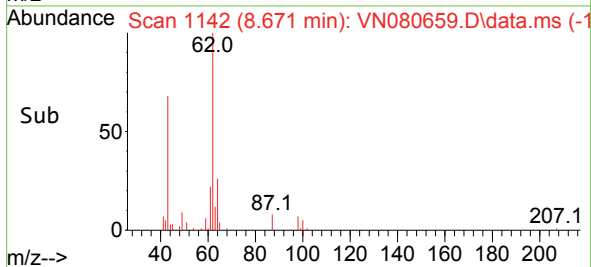
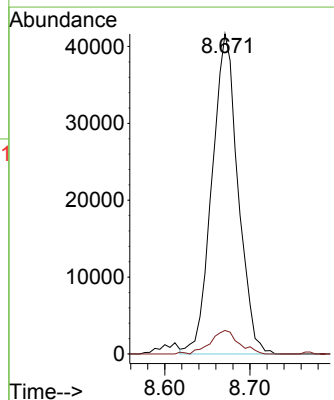
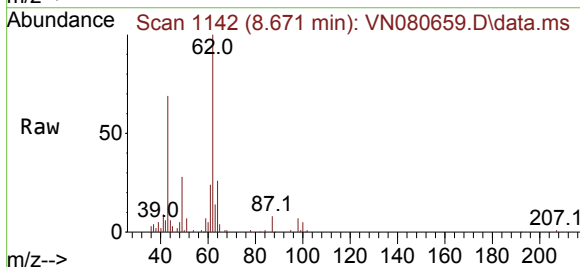
Instrument :
MSVOA_N
ClientSampleId :

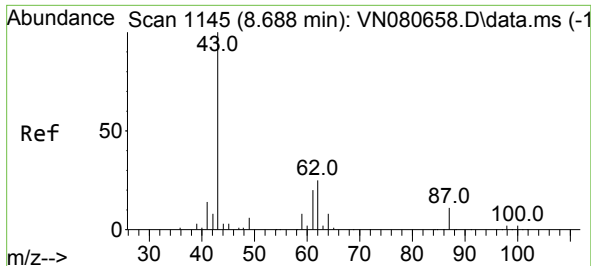
Tgt Ion: 41	Resp: 44919
Ion Ratio	Lower Upper
41 100	
39 56.8	42.6 64.0
67 64.8	77.5 116.3#
52 28.8	28.9 43.3#



#42
1,2-Dichloroethane
Concen: 20.477 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 62	Resp: 88419
Ion Ratio	Lower Upper
62 100	
98 8.0	0.0 19.8

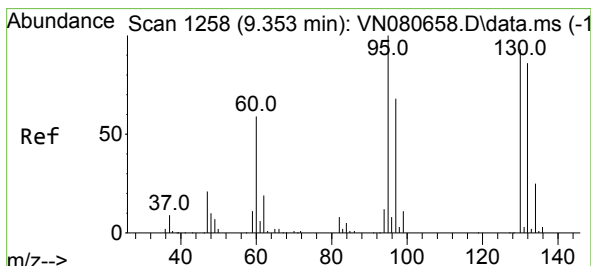
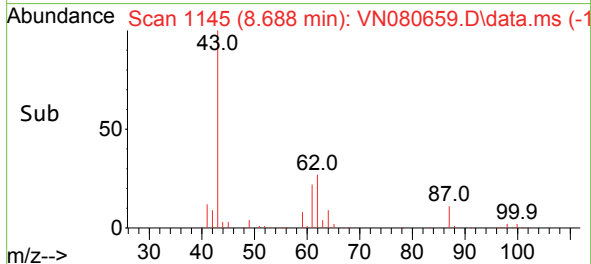
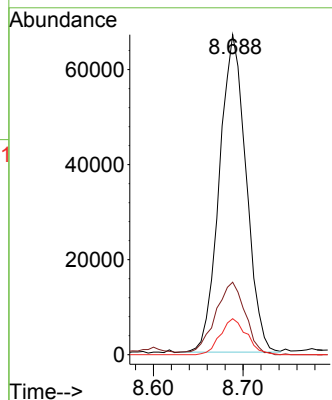
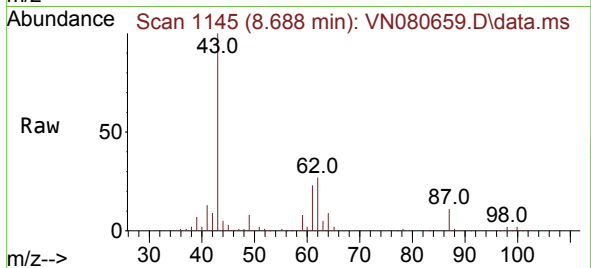




#43
Isopropyl Acetate
Concen: 19.314 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

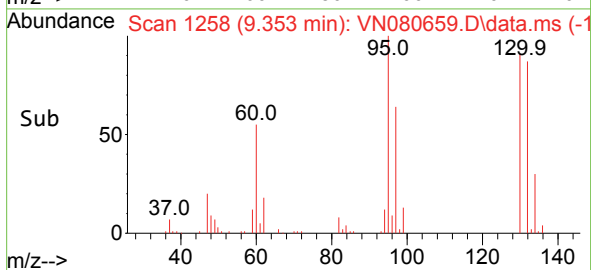
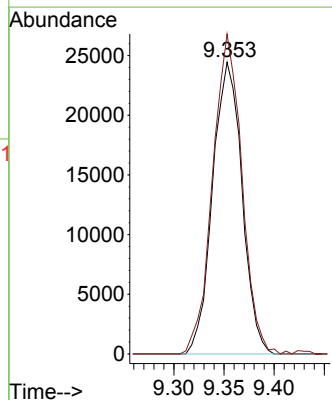
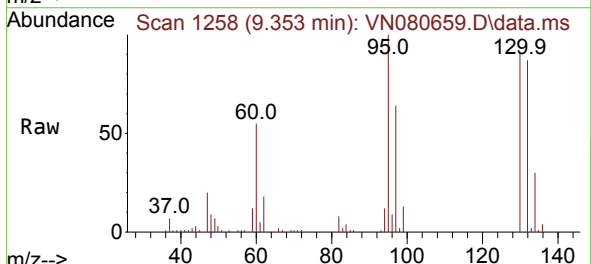
Instrument :
MSVOA_N
ClientSampleId :

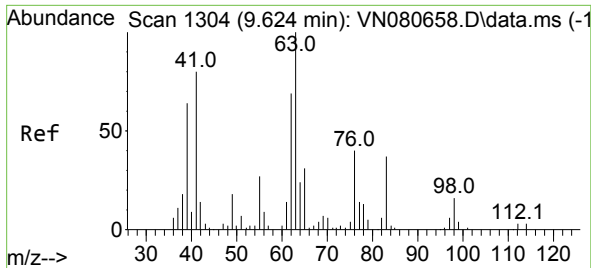
Tgt Ion: 43 Resp: 138119
Ion Ratio Lower Upper
43 100
61 25.8 24.7 37.1
87 11.2 14.6 21.8#



#44
Trichloroethene
Concen: 19.527 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:130 Resp: 49859
Ion Ratio Lower Upper
130 100
95 109.7 0.0 204.6

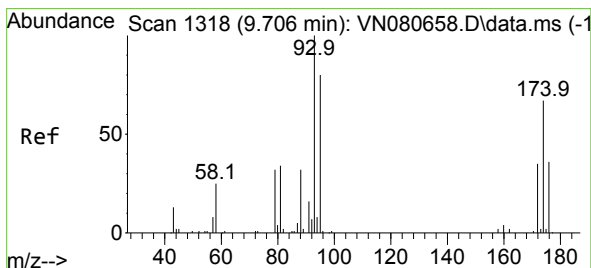
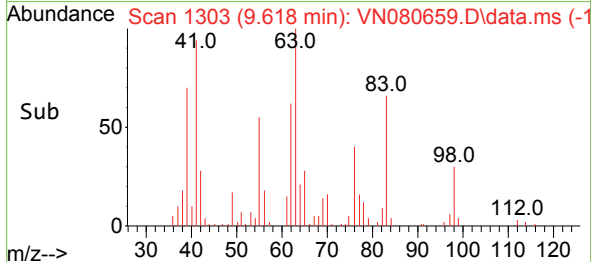
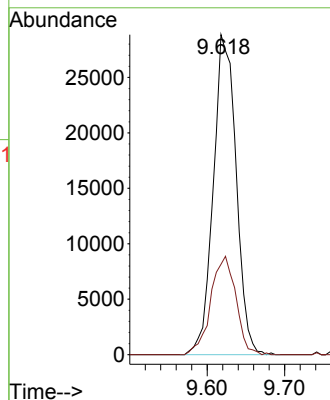
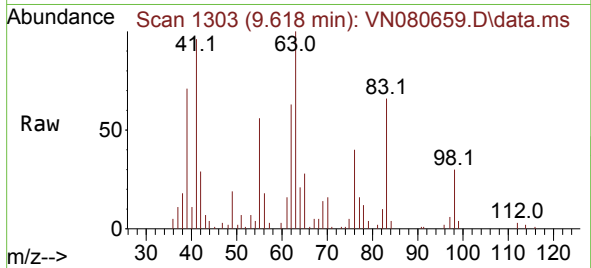




#45
1,2-Dichloropropane
Concen: 19.769 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

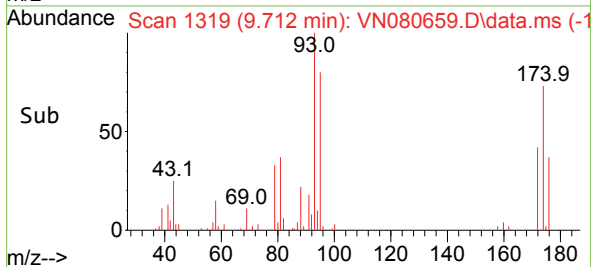
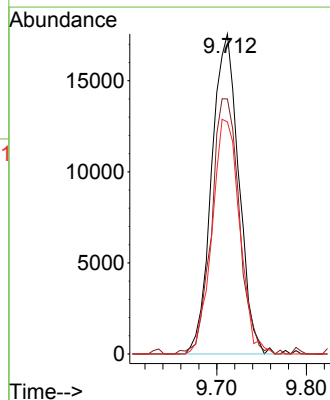
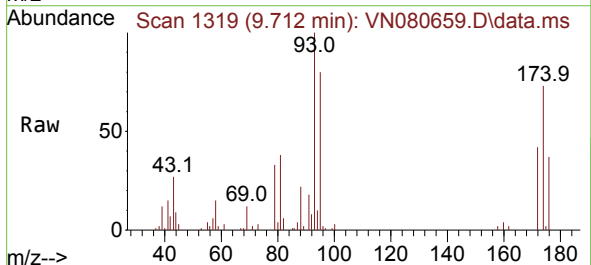
Instrument :
MSVOA_N
ClientSampleId :

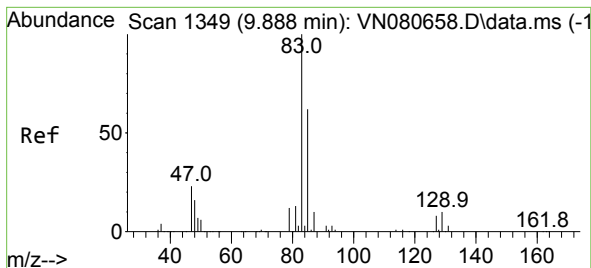
Tgt Ion: 63 Resp: 59112
Ion Ratio Lower Upper
63 100
65 28.3 23.9 35.9



#46
Dibromomethane
Concen: 19.476 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 93 Resp: 36846
Ion Ratio Lower Upper
93 100
95 81.6 63.8 95.8
174 74.5 65.6 98.4





#47

Bromodichloromethane

Concen: 19.340 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN080659.D

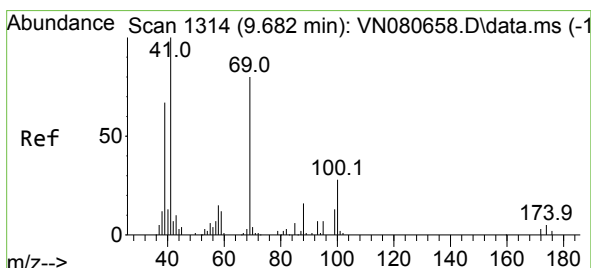
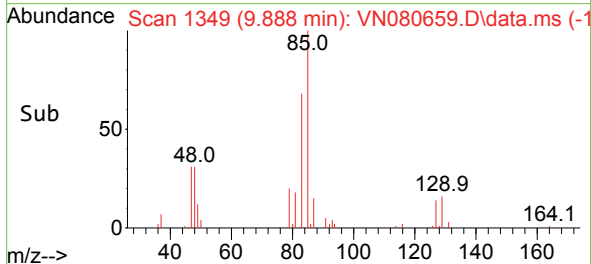
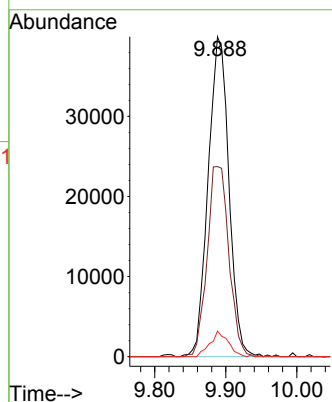
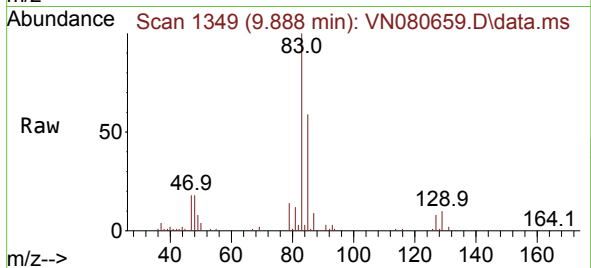
Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp:	81210
Ion Ratio	Lower	Upper
83	100	
85	59.4	49.6 74.4
127	8.0	7.0 10.6



#48

Methyl methacrylate

Concen: 19.124 ug/l

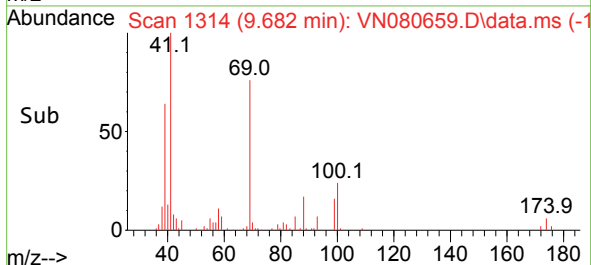
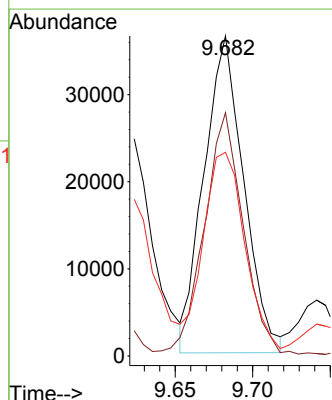
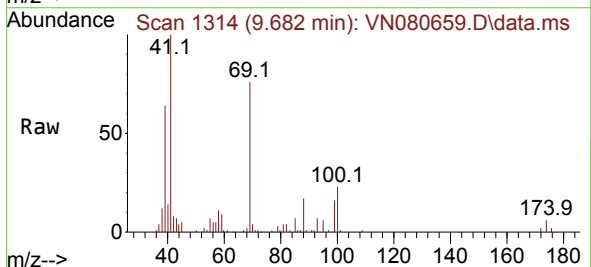
RT: 9.682 min Scan# 1314

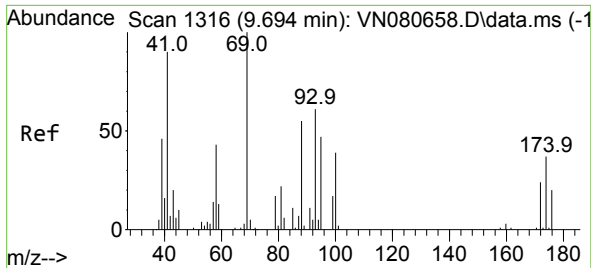
Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion: 41	Resp:	64749
Ion Ratio	Lower	Upper
41	100	
69	74.9	90.4 135.6
39	68.2	54.6 81.8

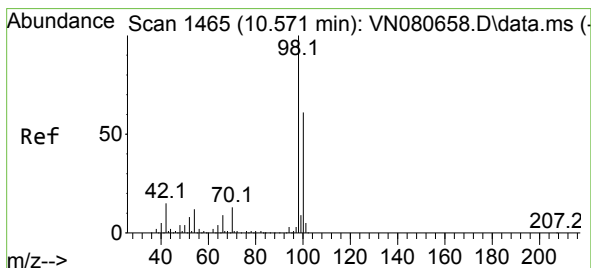
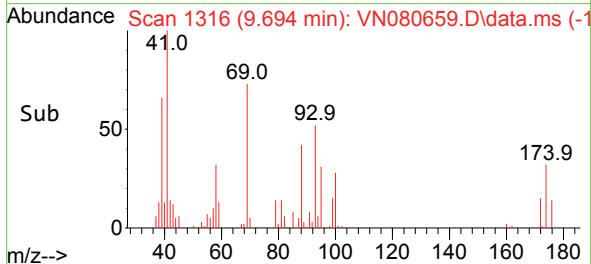
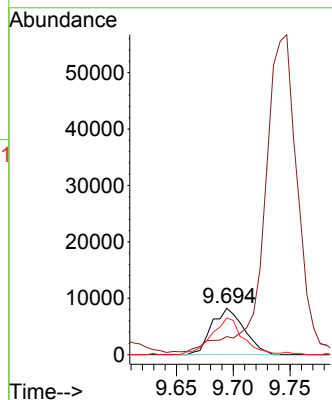
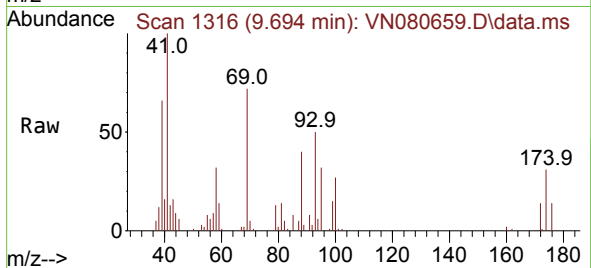




#49
1,4-Dioxane
Concen: 385.687 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

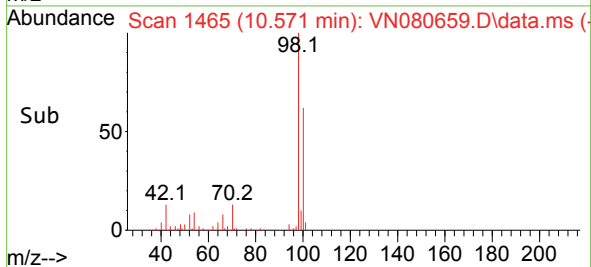
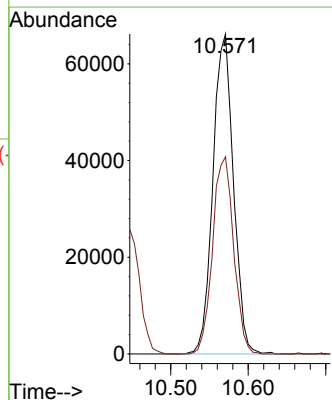
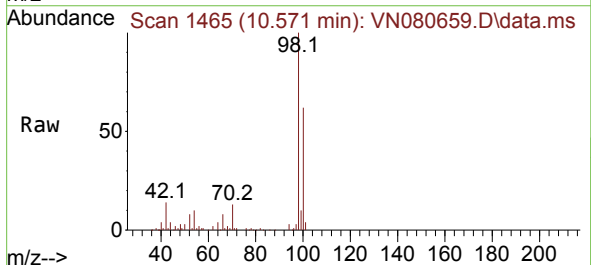
Instrument :
MSVOA_N
ClientSampleId :

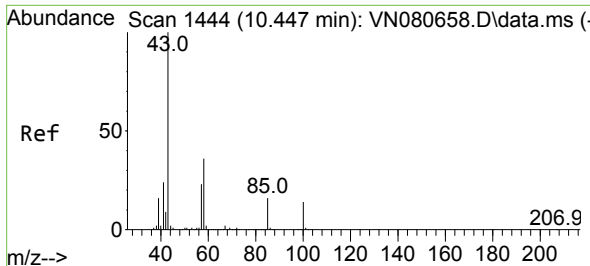
Tgt Ion: 88 Resp: 16271
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 76.8 47.0 70.4#



#50
Toluene-d8
Concen: 16.291 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 98 Resp: 121667
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

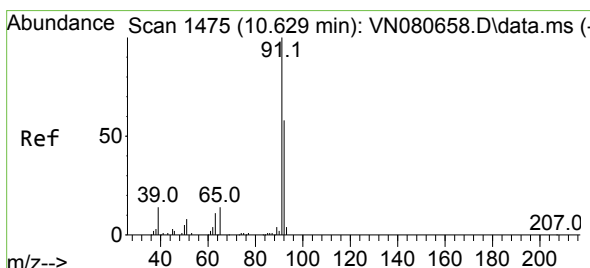
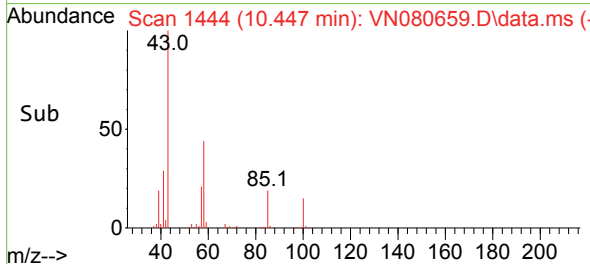
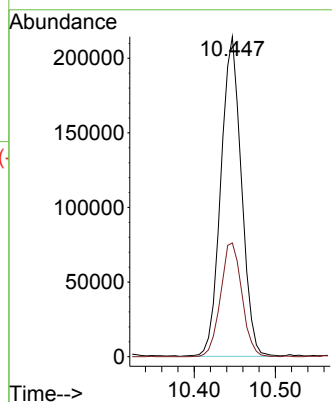
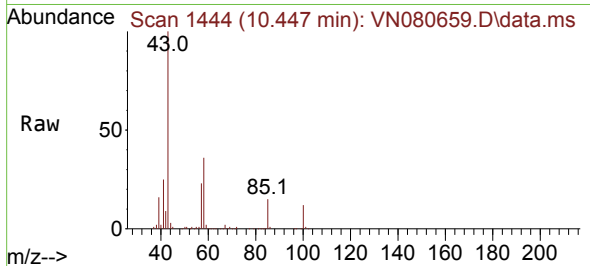




#51
4-Methyl-2-Pentanone
Concen: 97.818 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

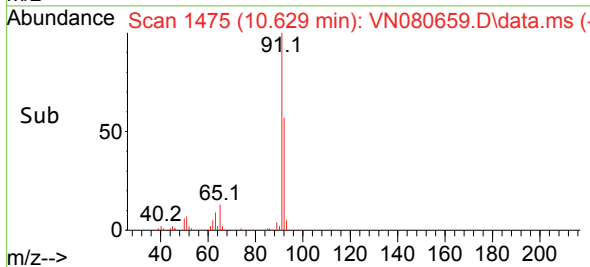
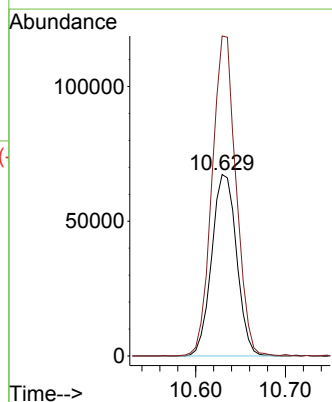
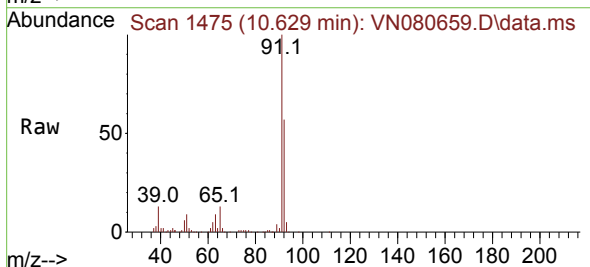
Instrument :
MSVOA_N
ClientSampleId :

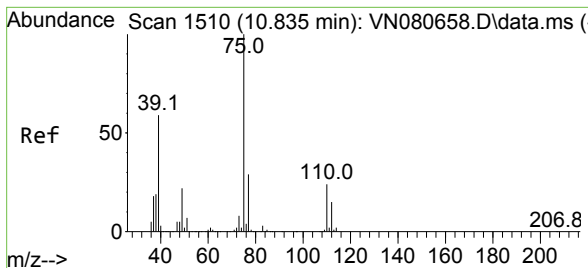
Tgt Ion: 43 Resp: 377384
Ion Ratio Lower Upper
43 100
58 36.9 36.6 54.8



#52
Toluene
Concen: 20.079 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 92 Resp: 129754
Ion Ratio Lower Upper
92 100
91 170.1 137.4 206.0

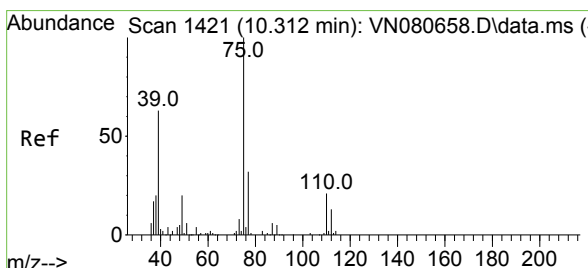
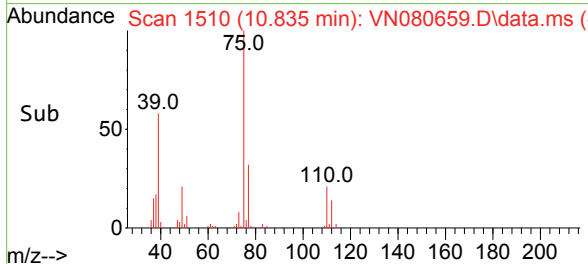
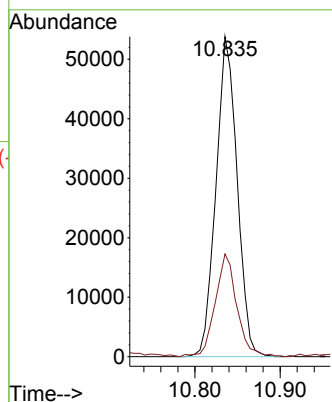
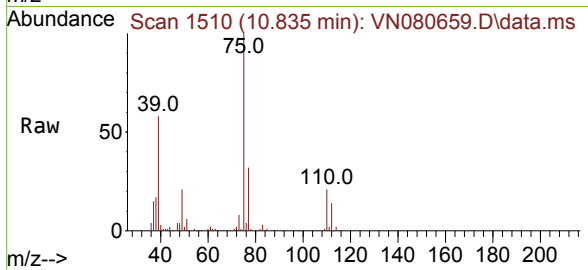




#53
 t-1,3-Dichloropropene
 Concen: 19.901 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

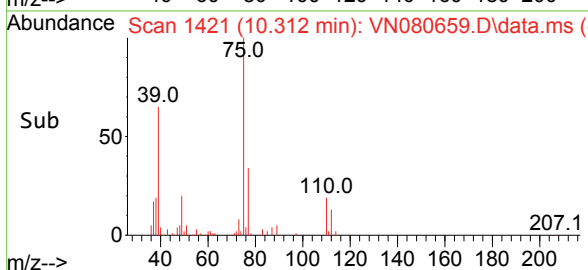
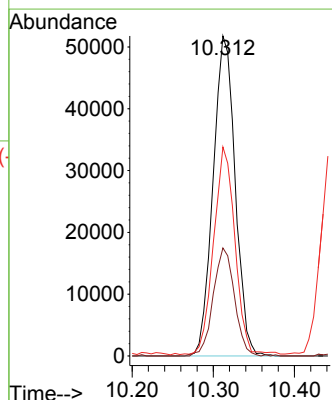
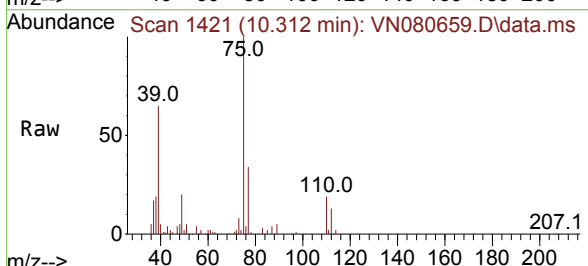
Instrument :
 MSVOA_N
 ClientSampleId :

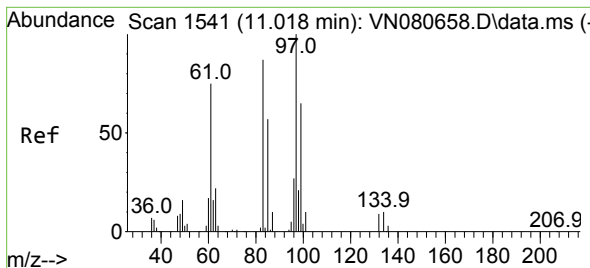
Tgt Ion: 75 Resp: 92751
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.828 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

Tgt Ion: 75 Resp: 97999
 Ion Ratio Lower Upper
 75 100
 77 33.8 26.1 39.1
 39 64.8 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 19.196 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

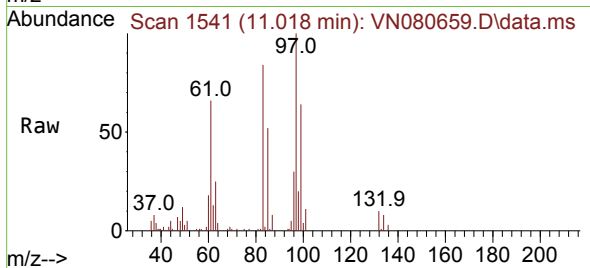
Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 47747

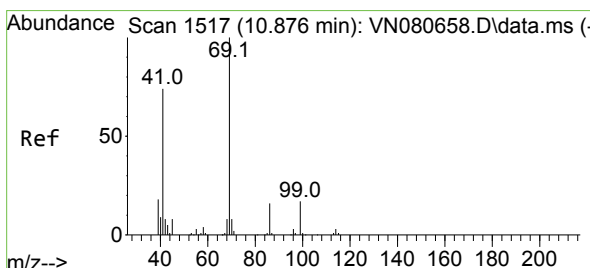
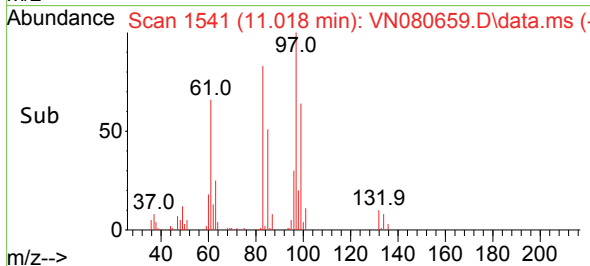
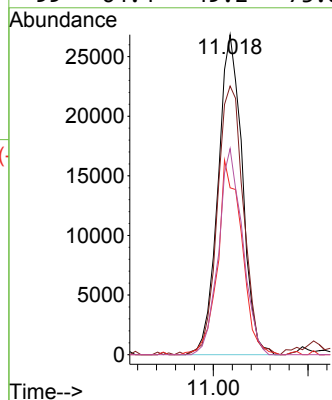
Ion Ratio Lower Upper

97 100

83 84.0 65.1 97.7

85 52.2 43.4 65.2

99 64.4 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.299 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

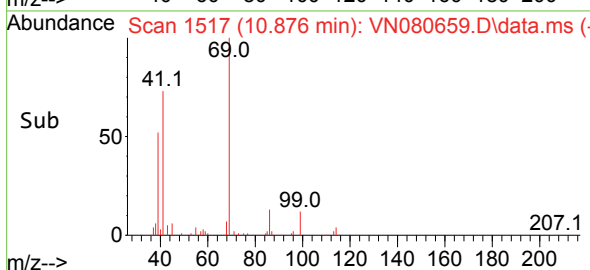
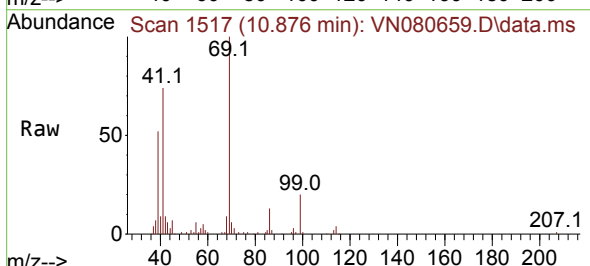
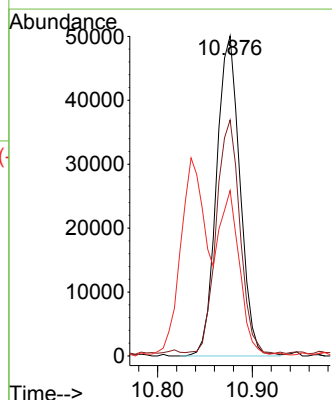
Tgt Ion: 69 Resp: 85979

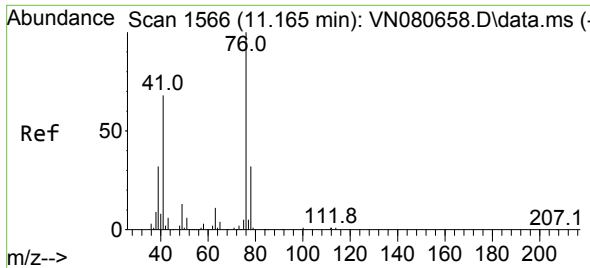
Ion Ratio Lower Upper

69 100

41 73.3 39.6 59.4#

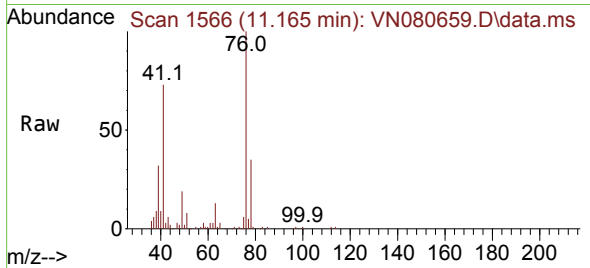
39 44.8 28.6 43.0#



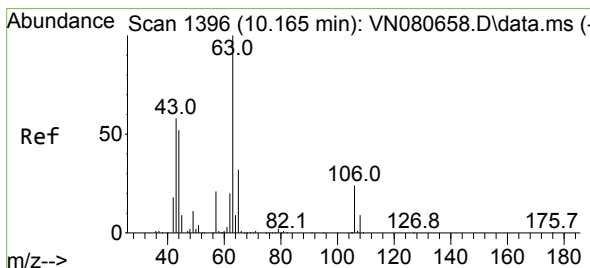
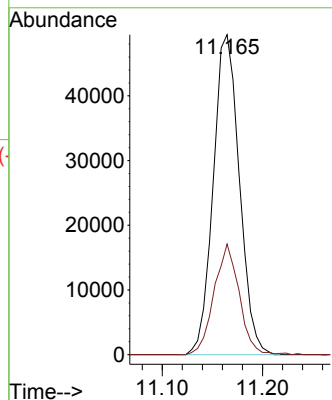
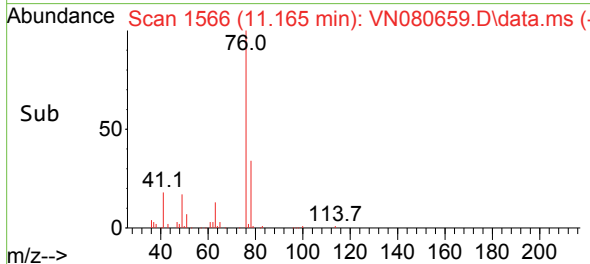


#57
1,3-Dichloropropane
Concen: 19.703 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Instrument :
MSVOA_N
ClientSampleId :

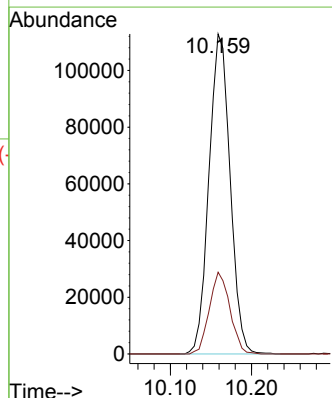
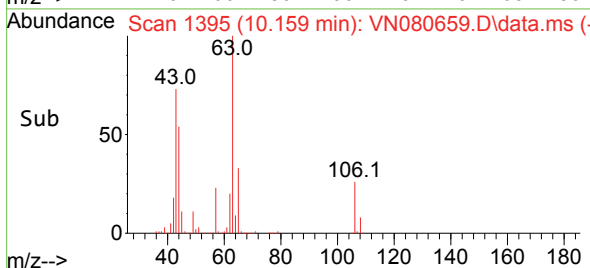
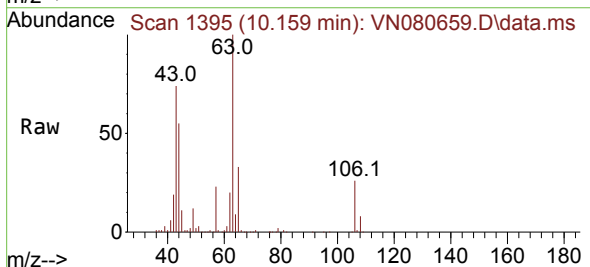


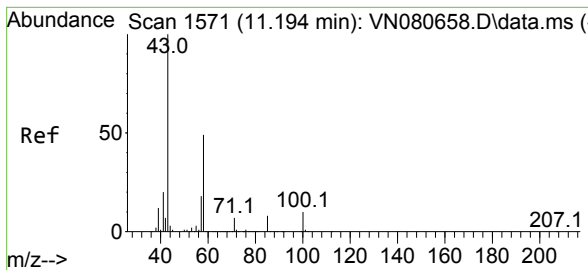
Tgt Ion: 76 Resp: 89467
Ion Ratio Lower Upper
76 100
78 33.5 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 95.544 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 63 Resp: 203877
Ion Ratio Lower Upper
63 100
106 24.9 26.2 39.4#

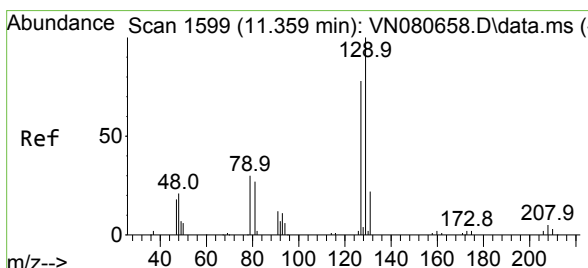
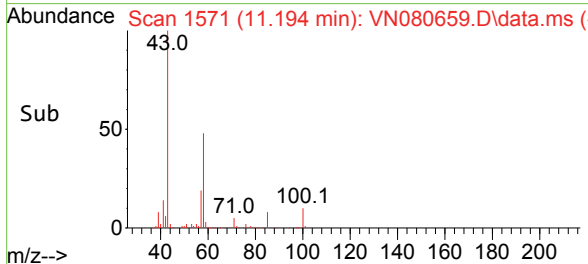
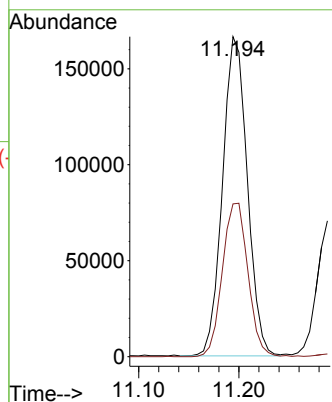
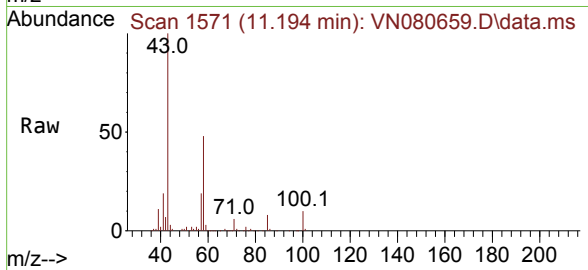




#59
2-Hexanone
Concen: 100.342 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

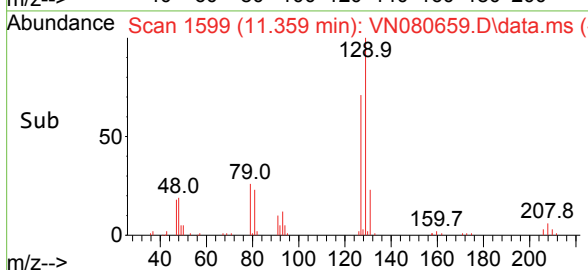
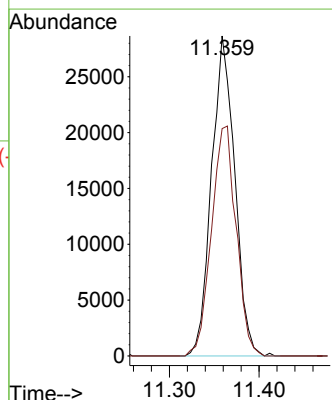
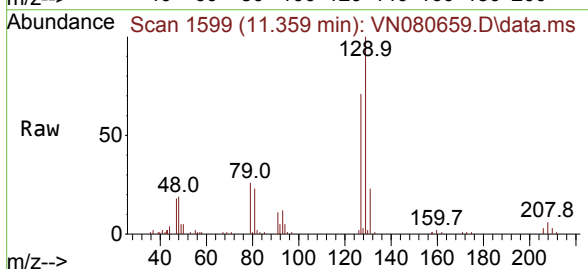
Instrument :
MSVOA_N
ClientSampleId :

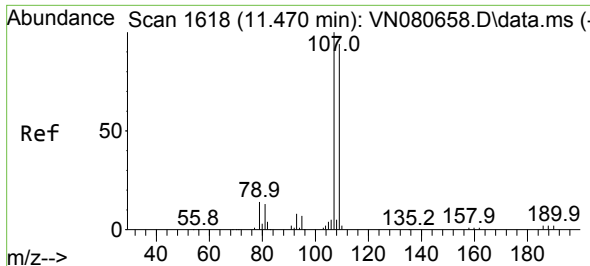
Tgt Ion: 43 Resp: 285780
Ion Ratio Lower Upper
43 100
58 49.7 31.7 95.1



#60
Dibromochloromethane
Concen: 20.133 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:129 Resp: 51467
Ion Ratio Lower Upper
129 100
127 76.4 38.6 116.0

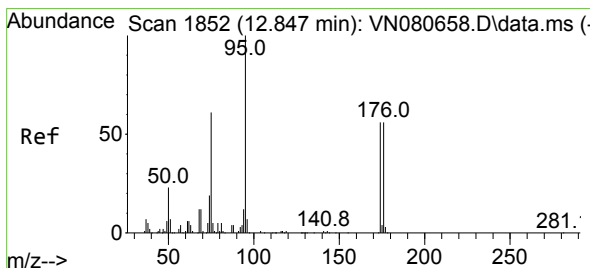
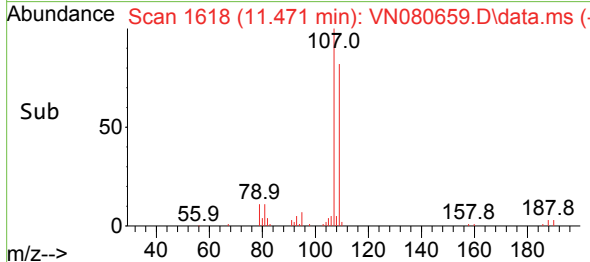
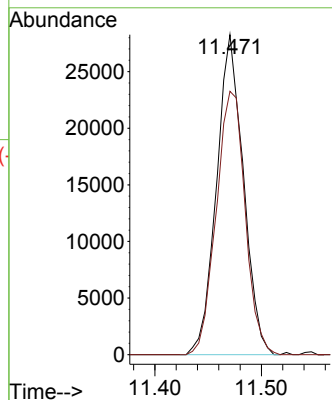
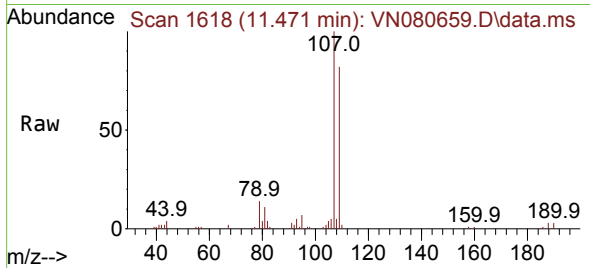




#61
1,2-Dibromoethane
Concen: 20.212 ug/l
RT: 11.471 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

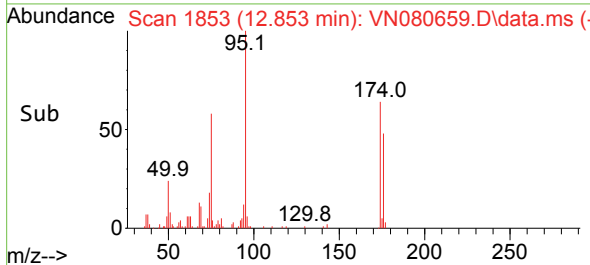
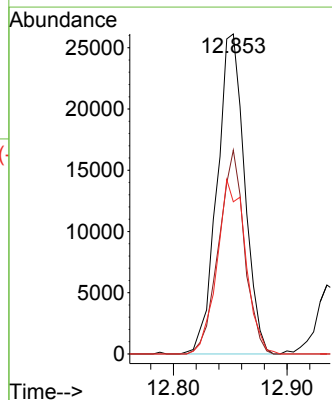
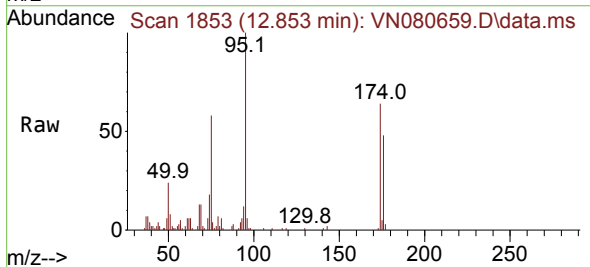
Instrument :
MSVOA_N
ClientSampleId :

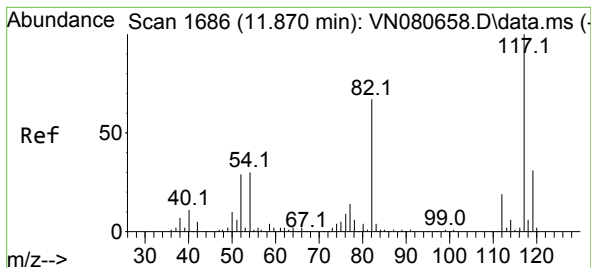
Tgt Ion:107 Resp: 49419
Ion Ratio Lower Upper
107 100
109 88.8 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 15.359 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 95 Resp: 43986
Ion Ratio Lower Upper
95 100
174 59.5 0.0 143.8
176 56.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

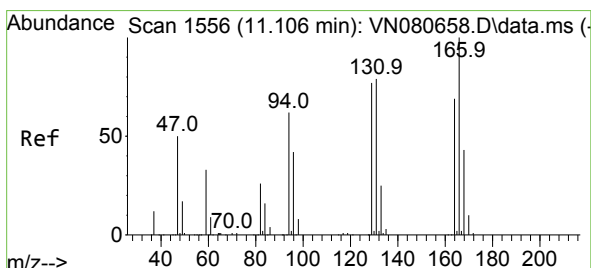
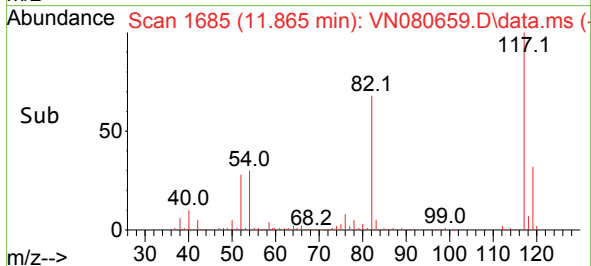
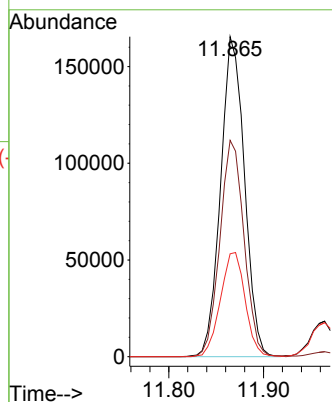
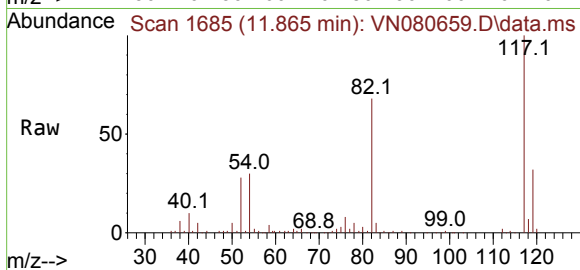
Tgt Ion:117 Resp: 289773

Ion Ratio Lower Upper

117 100

82 67.6 44.0 66.0#

119 32.2 25.6 38.4



#64

Tetrachloroethene

Concen: 19.683 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion:164 Resp: 39169

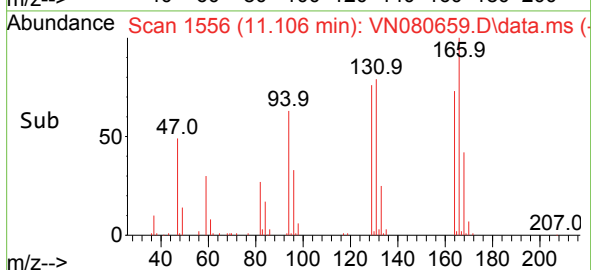
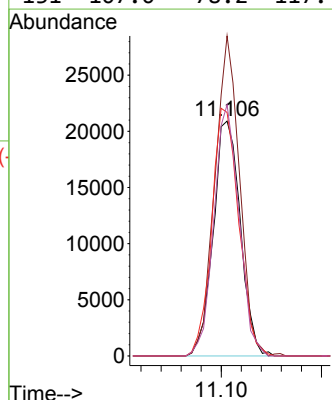
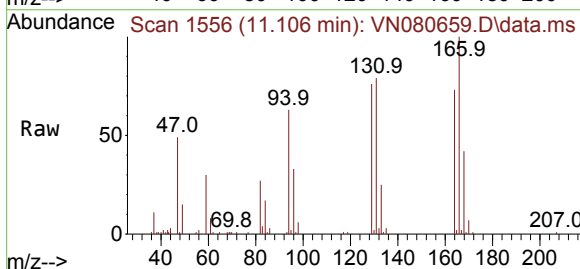
Ion Ratio Lower Upper

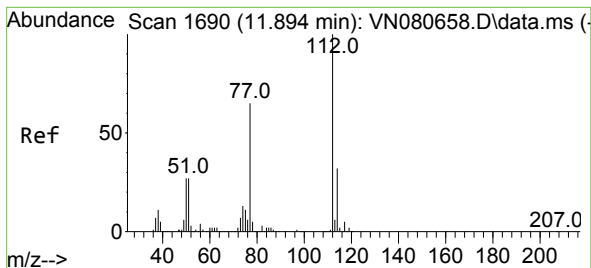
164 100

166 136.2 101.4 152.0

129 103.7 82.4 123.6

131 107.0 78.2 117.4

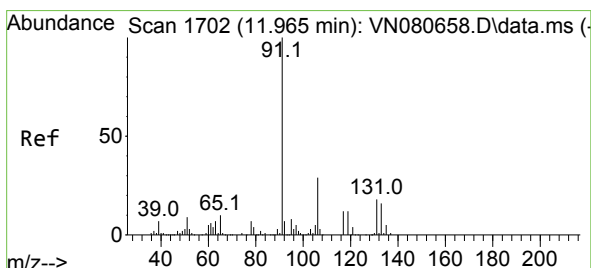
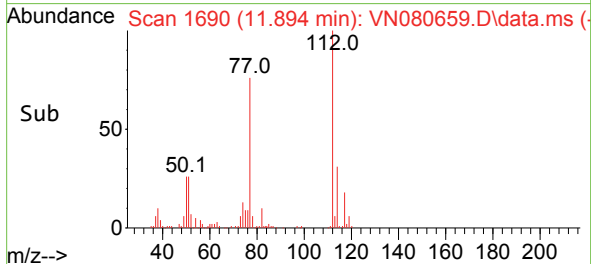
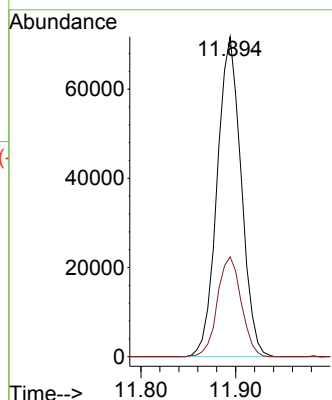
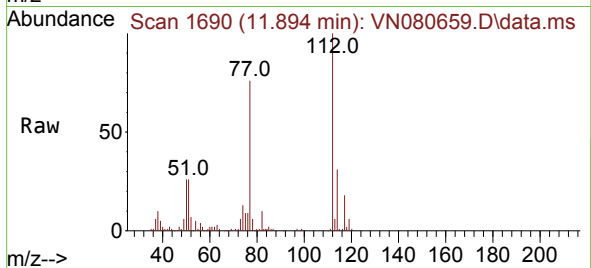




#65
Chlorobenzene
Concen: 19.936 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

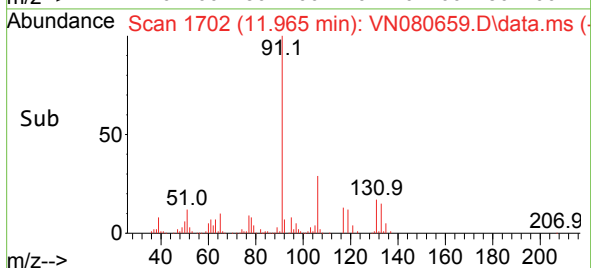
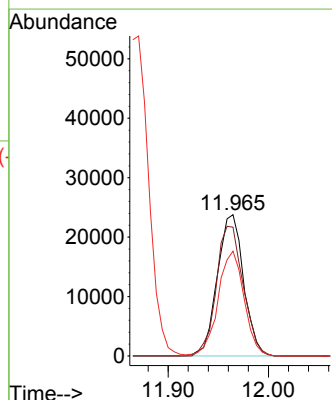
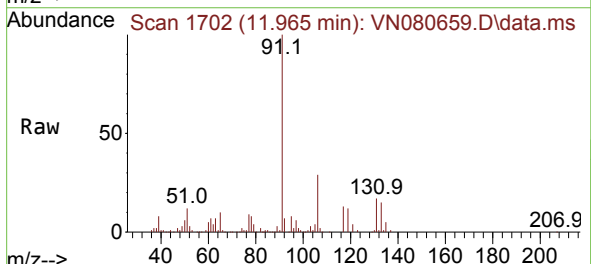
Instrument :
MSVOA_N
ClientSampleId :

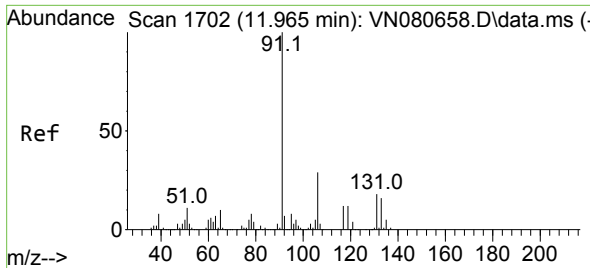
Tgt Ion:112 Resp: 126213
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.232 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:131 Resp: 43229
Ion Ratio Lower Upper
131 100
133 94.3 46.4 139.1
119 73.5 34.1 102.2

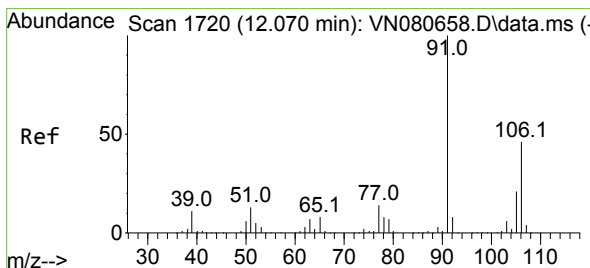
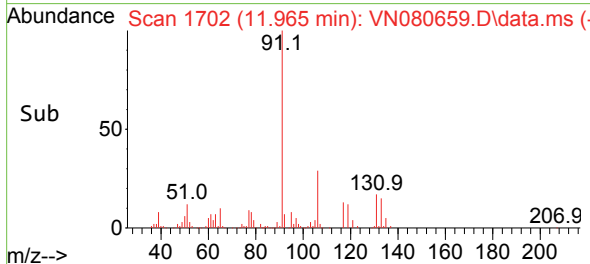
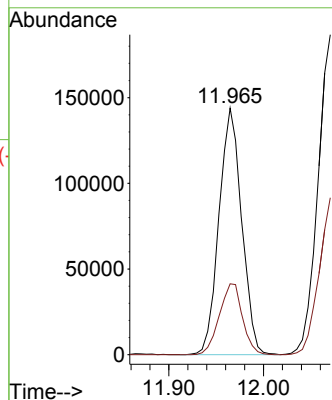
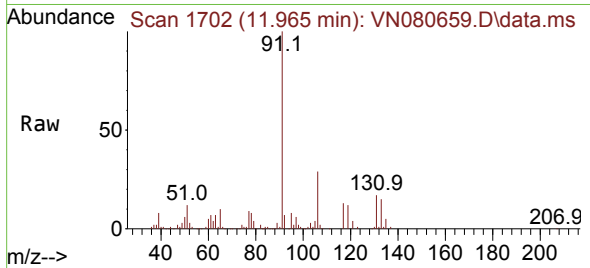




#67
Ethyl Benzene
Concen: 19.843 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

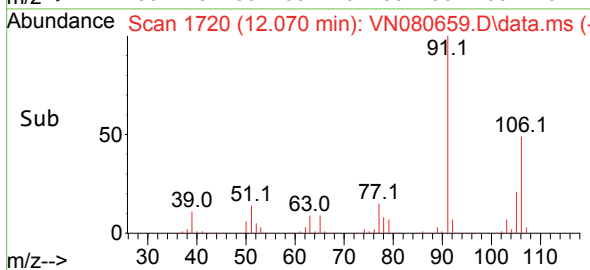
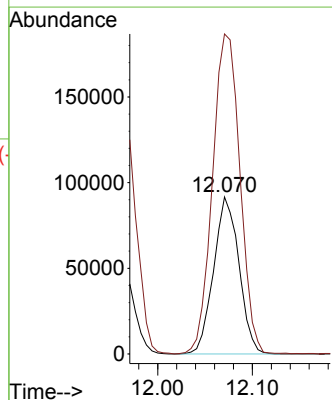
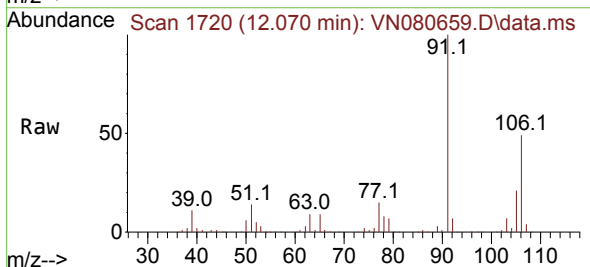
Instrument :
MSVOA_N
ClientSampleId :

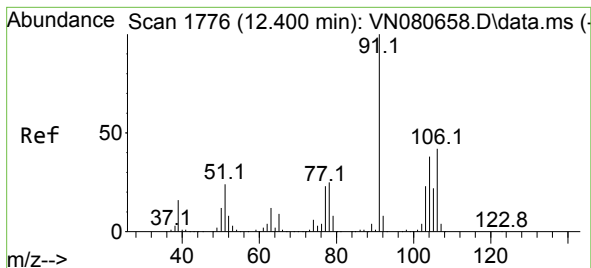
Tgt Ion: 91 Resp: 239881
Ion Ratio Lower Upper
91 100
106 28.7 25.6 38.4



#68
m/p-Xylenes
Concen: 40.051 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:106 Resp: 170221
Ion Ratio Lower Upper
106 100
91 221.2 159.6 239.4

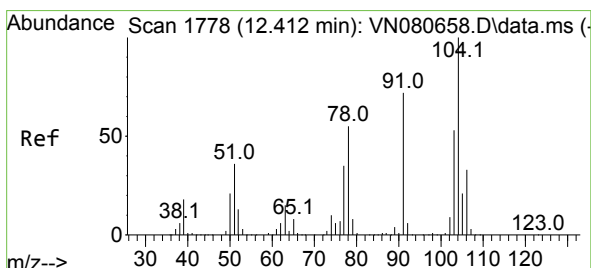
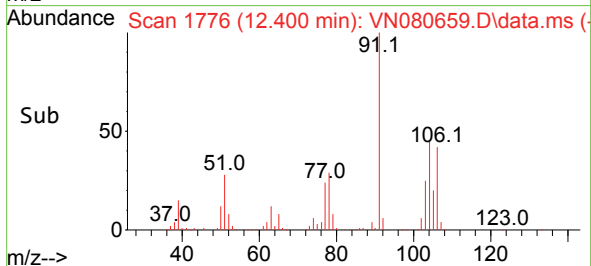
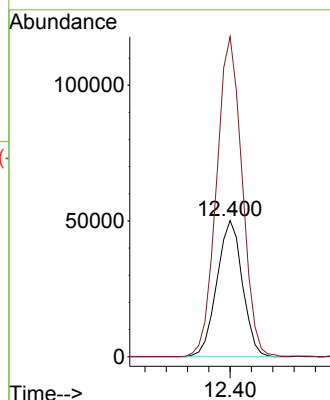
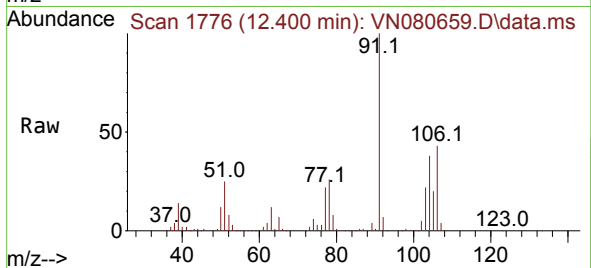




#69
o-Xylene
Concen: 20.025 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

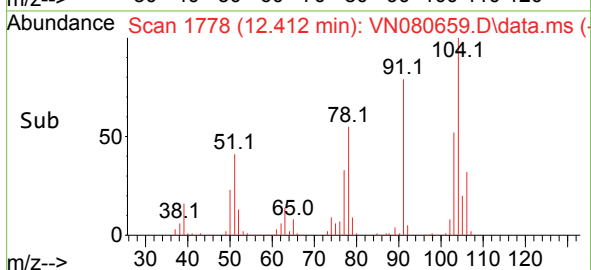
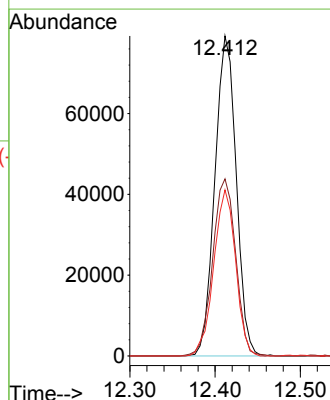
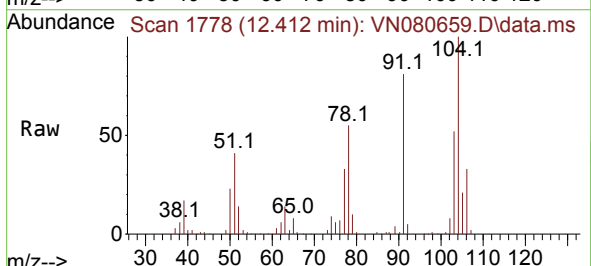
Instrument :
MSVOA_N
ClientSampleId :

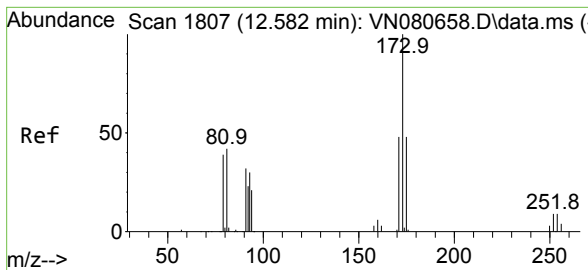
Tgt Ion:106 Resp: 83216
Ion Ratio Lower Upper
106 100
91 236.3 105.2 315.5



#70
Styrene
Concen: 19.497 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:104 Resp: 137581
Ion Ratio Lower Upper
104 100
78 59.8 39.5 59.3#
103 53.2 43.2 64.8

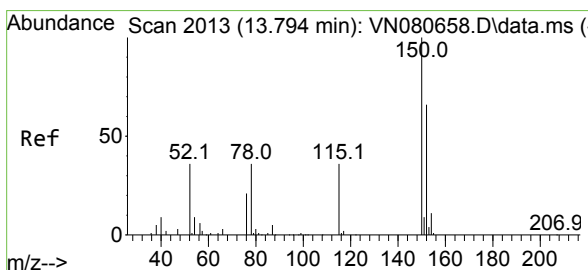
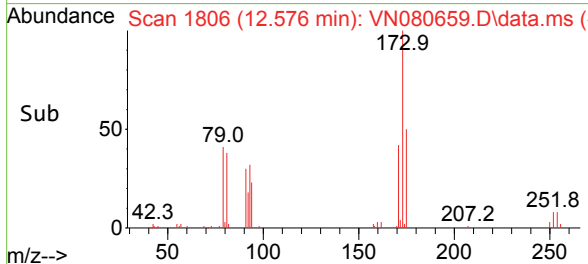
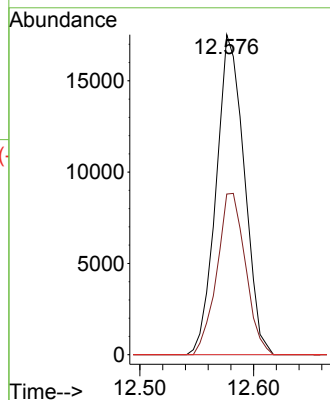
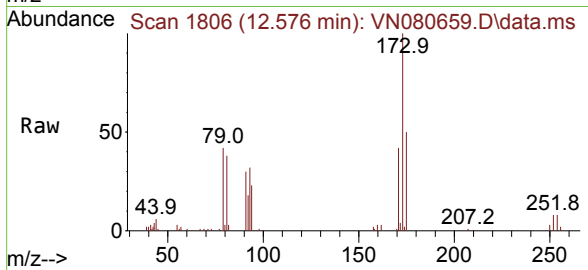




#71
Bromoform
Concen: 19.445 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

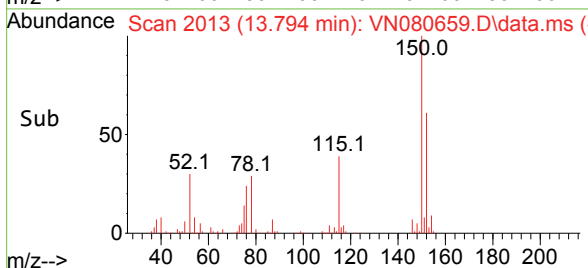
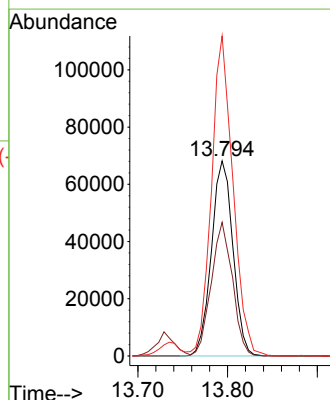
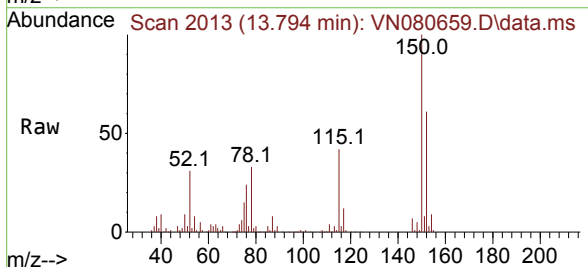
Instrument :
MSVOA_N
ClientSampleId :

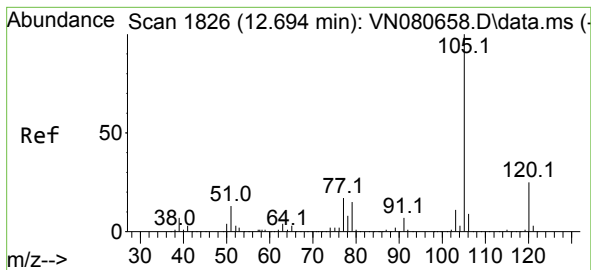
Tgt Ion:173 Resp: 30070
Ion Ratio Lower Upper
173 100
175 51.3 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:152 Resp: 113602
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 163.8 0.0 355.8





#73

Isopropylbenzene

Concen: 19.341 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

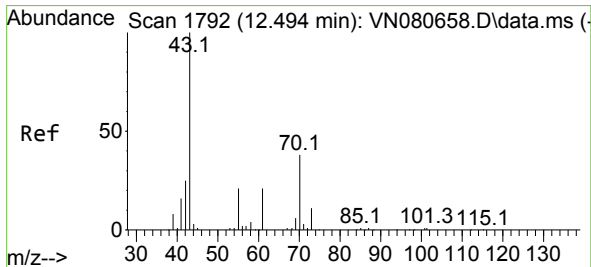
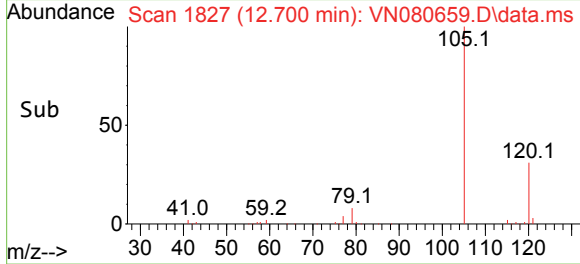
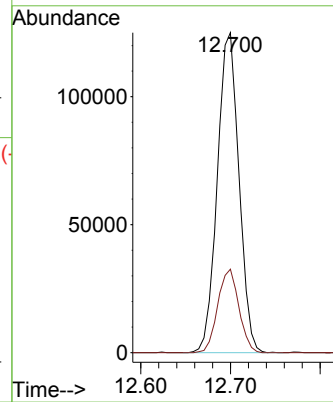
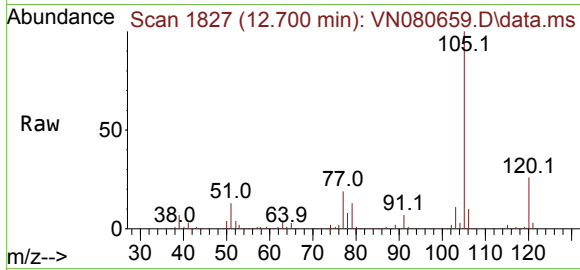
ClientSampleId :

Tgt Ion:105 Resp: 208934

Ion Ratio Lower Upper

105 100

120 25.5 13.1 39.1



#74

N-ethyl acetate

Concen: 18.400 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion: 43 Resp: 119287

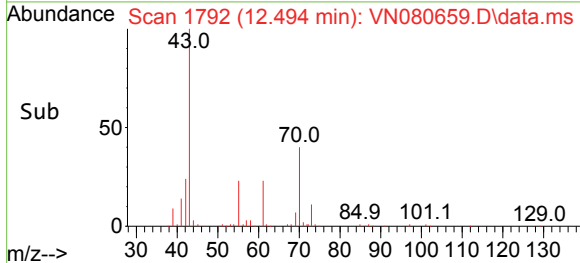
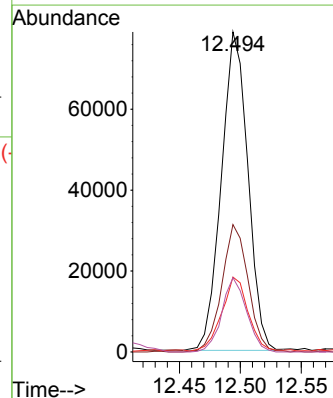
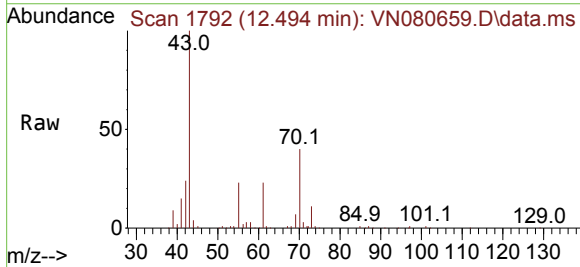
Ion Ratio Lower Upper

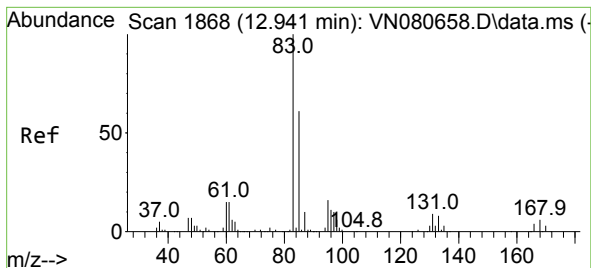
43 100

70 39.8 43.4 65.2#

55 23.1 21.4 32.0

61 21.8 22.8 34.2#





#75

1,1,2,2-Tetrachloroethane

Concen: 18.259 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

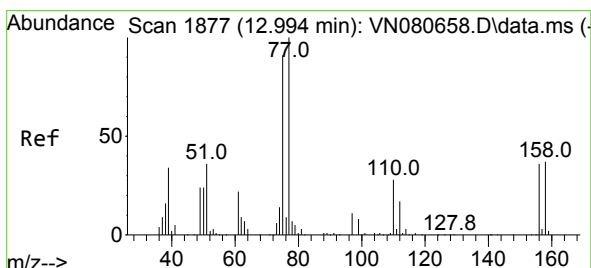
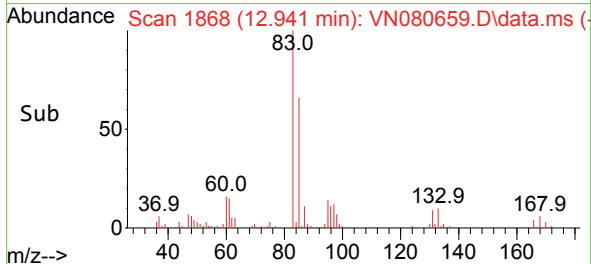
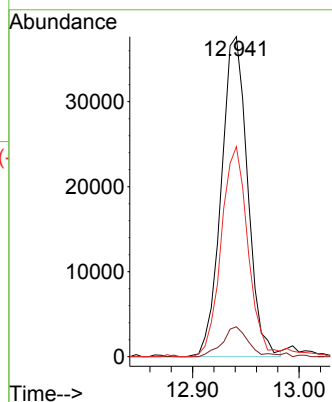
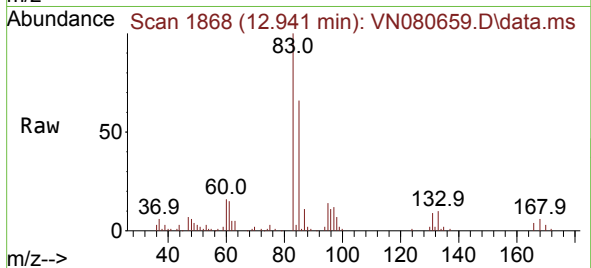
Tgt Ion: 83 Resp: 64704

Ion Ratio Lower Upper

83 100

131 9.7 5.0 15.0

85 66.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.323 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. -0.006 min

Lab File: VN080659.D

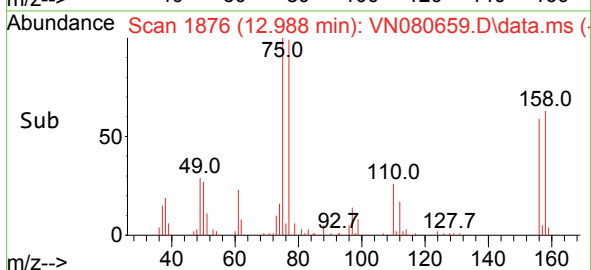
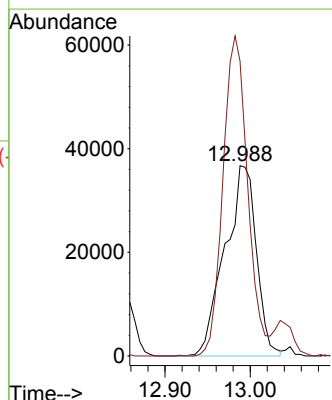
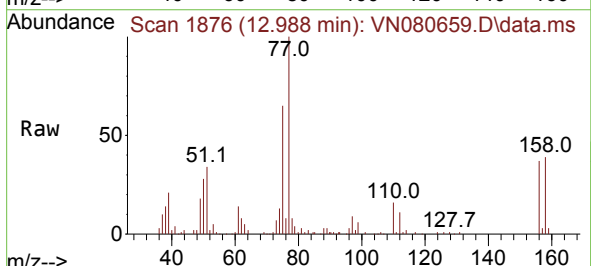
Acq: 10 Jan 2024 13:33

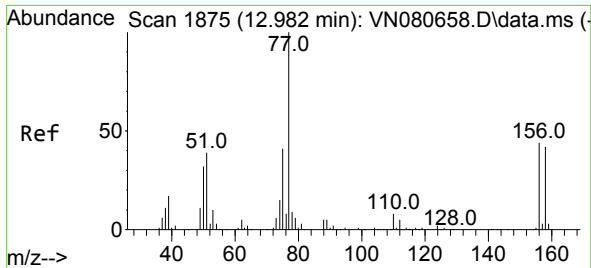
Tgt Ion: 75 Resp: 93950

Ion Ratio Lower Upper

75 100

77 132.8 84.5 253.5

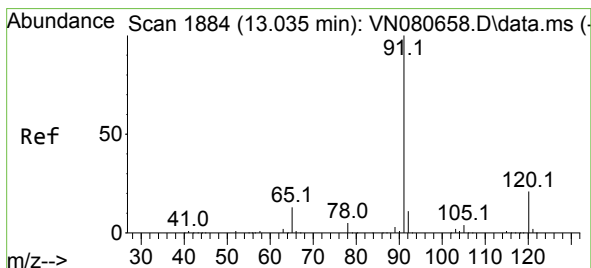
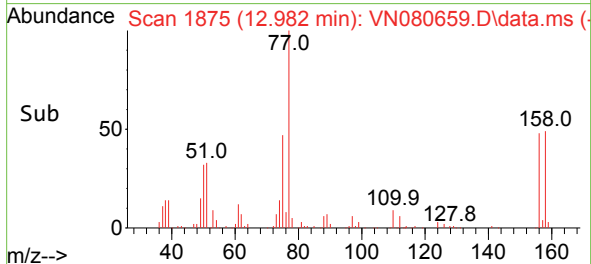
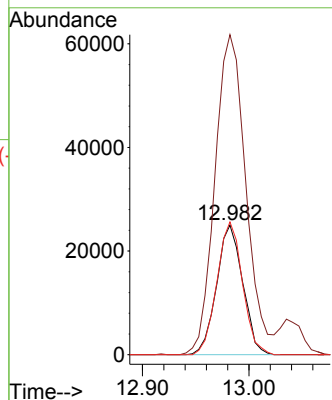
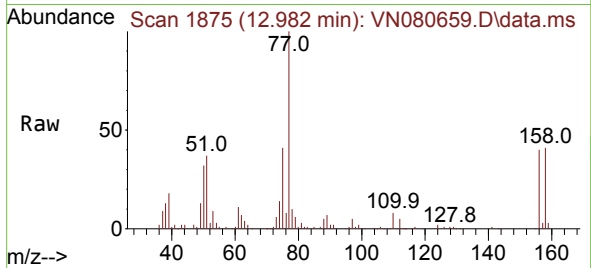




#77
Bromobenzene
Concen: 18.528 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

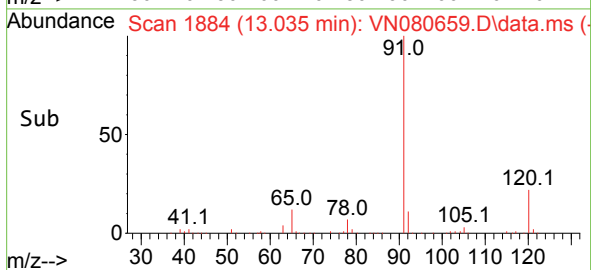
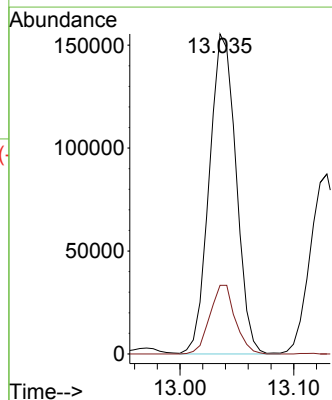
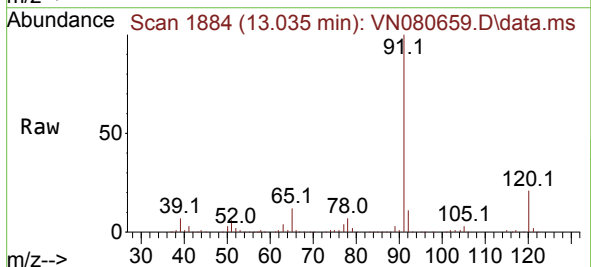
Instrument :
MSVOA_N
ClientSampleId :

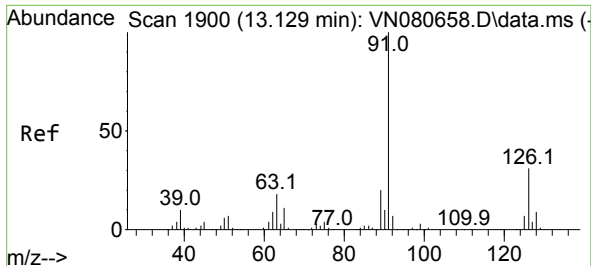
Tgt Ion:156 Resp: 42512
Ion Ratio Lower Upper
156 100
77 293.5 107.7 323.3
158 100.4 48.4 145.3



#78
n-propylbenzene
Concen: 19.230 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 91 Resp: 254832
Ion Ratio Lower Upper
91 100
120 20.3 11.5 34.4

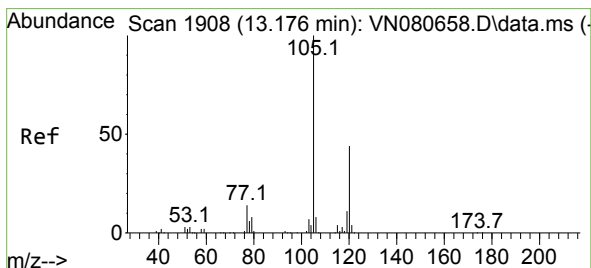
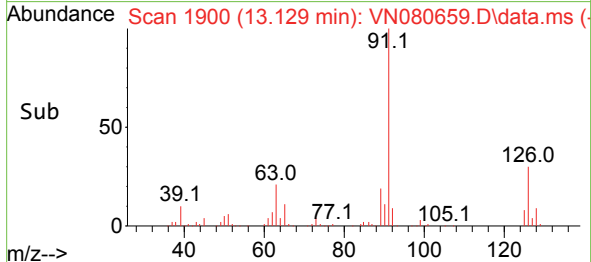
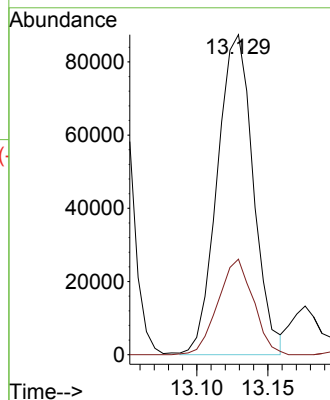
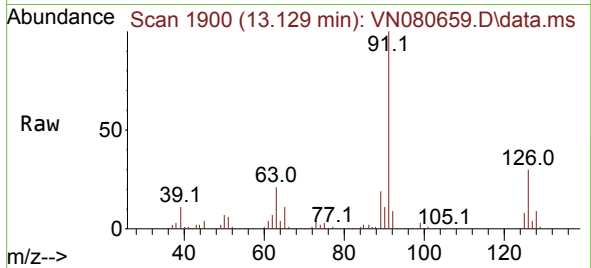




#79
2-Chlorotoluene
Concen: 18.173 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

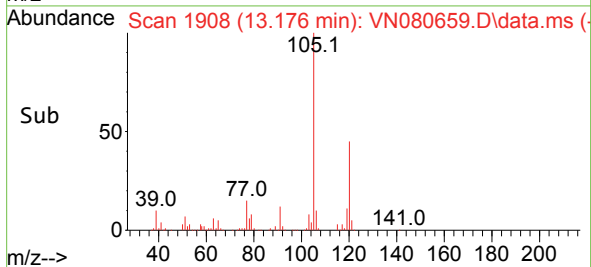
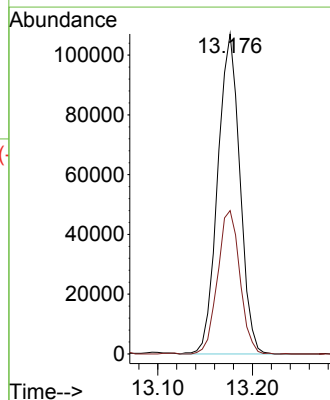
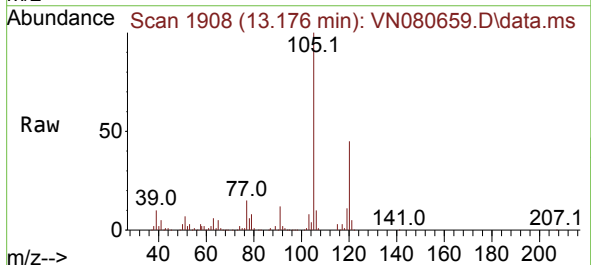
Instrument :
MSVOA_N
ClientSampleId :

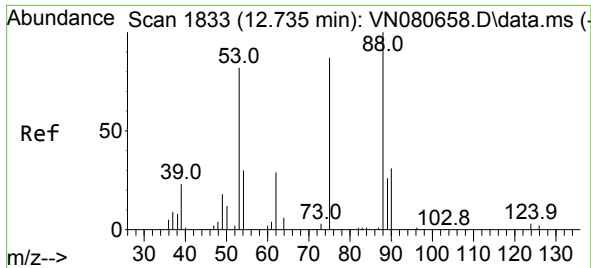
Tgt Ion: 91 Resp: 154334
Ion Ratio Lower Upper
91 100
126 29.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.345 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion:105 Resp: 174166
Ion Ratio Lower Upper
105 100
120 45.0 24.1 72.3

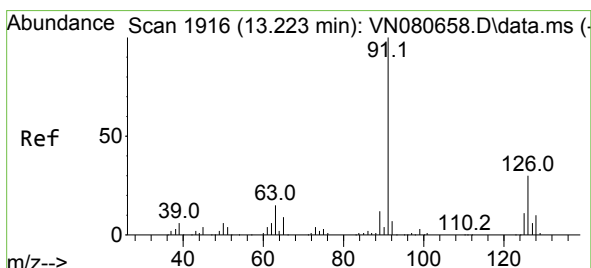
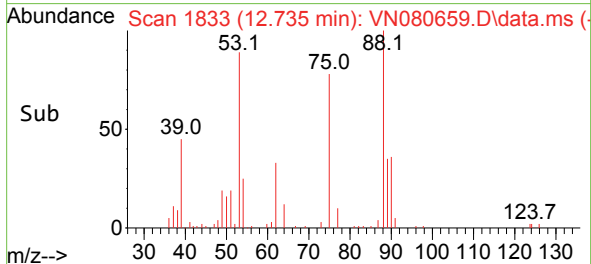
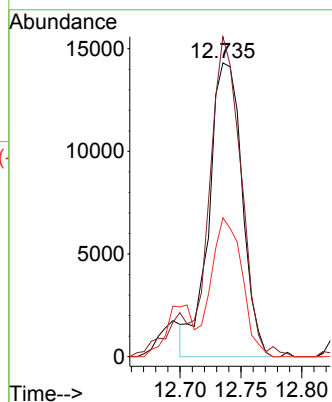
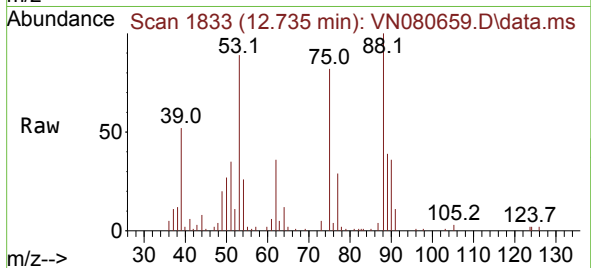




#81
trans-1,4-Dichloro-2-butene
Concen: 18.197 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

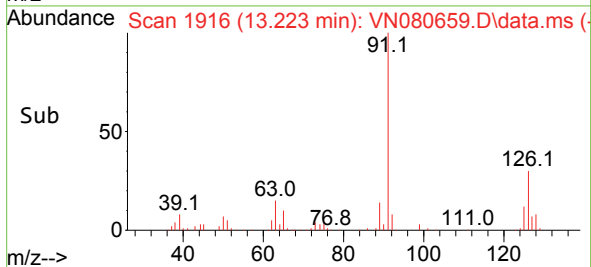
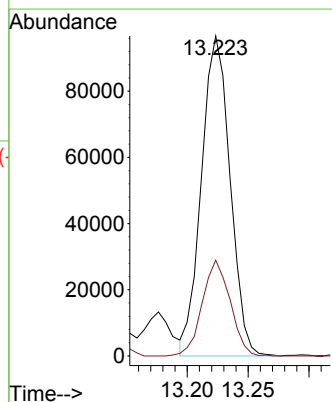
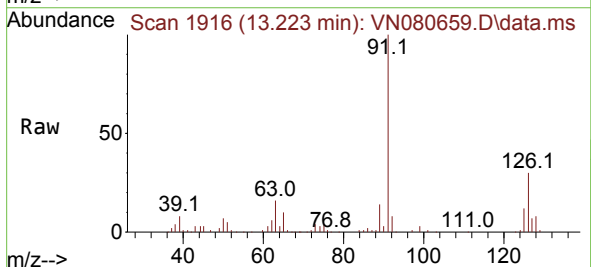
Instrument :
MSVOA_N
ClientSampleId :

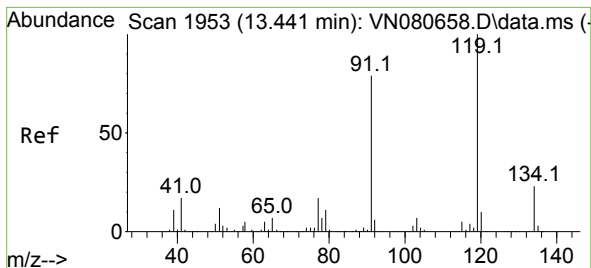
Tgt Ion: 75 Resp: 27056
Ion Ratio Lower Upper
75 100
53 113.2 67.4 101.2#
89 44.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 18.985 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 91 Resp: 158062
Ion Ratio Lower Upper
91 100
126 29.2 16.7 50.0





#83

tert-Butylbenzene

Concen: 19.097 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

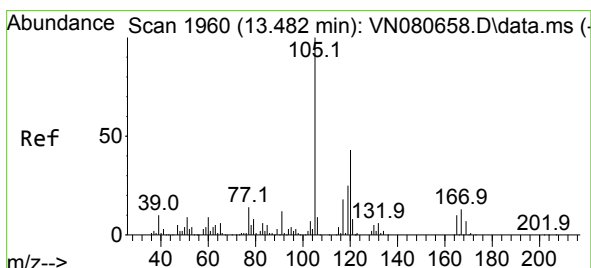
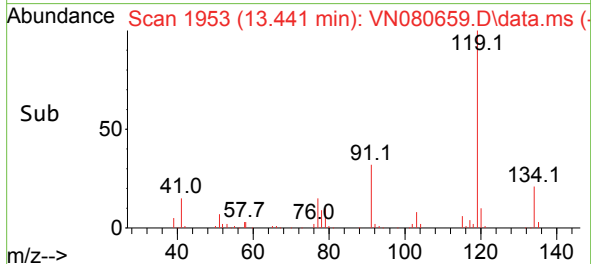
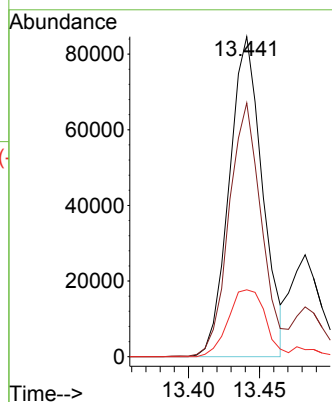
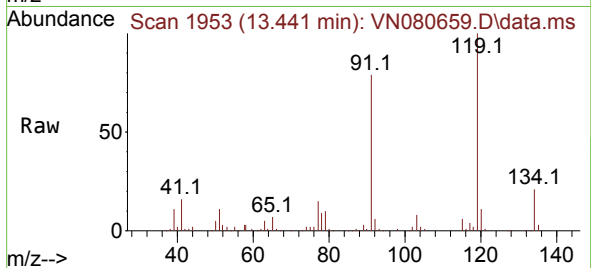
Tgt Ion:119 Resp: 137443

Ion Ratio Lower Upper

119 100

91 79.0 33.9 101.7

134 23.4 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.522 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080659.D

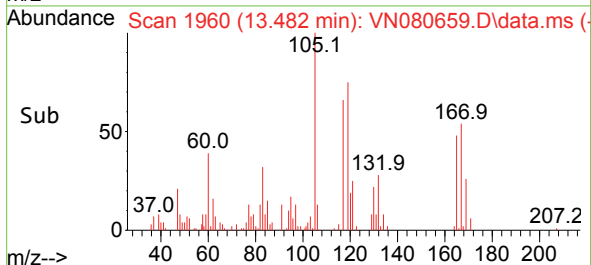
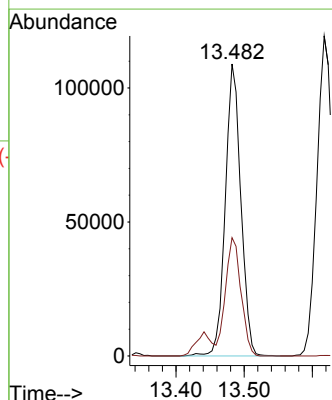
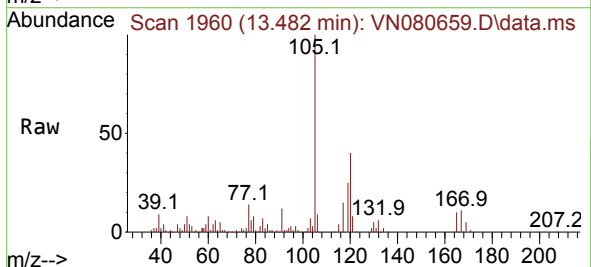
Acq: 10 Jan 2024 13:33

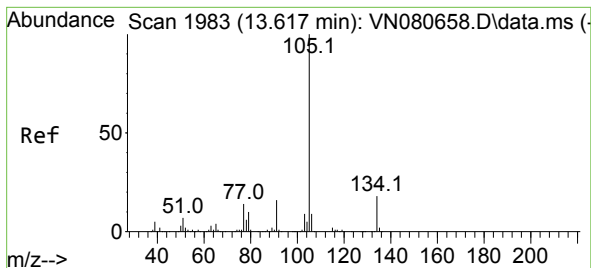
Tgt Ion:105 Resp: 172826

Ion Ratio Lower Upper

105 100

120 40.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 18.790 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

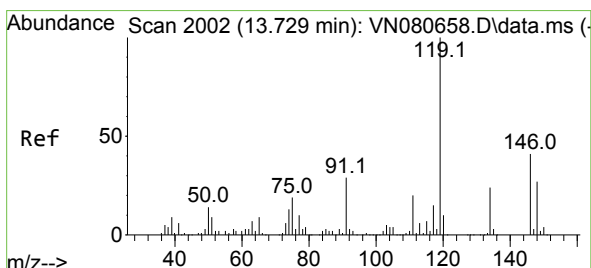
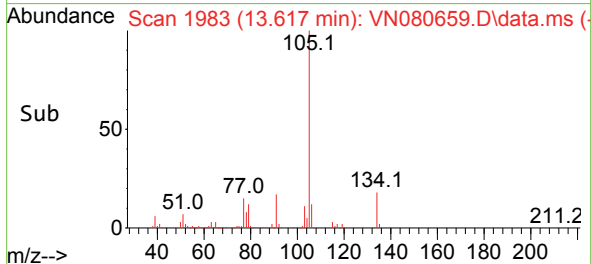
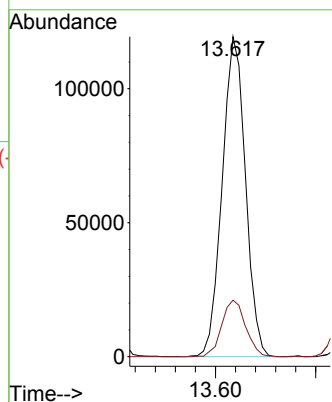
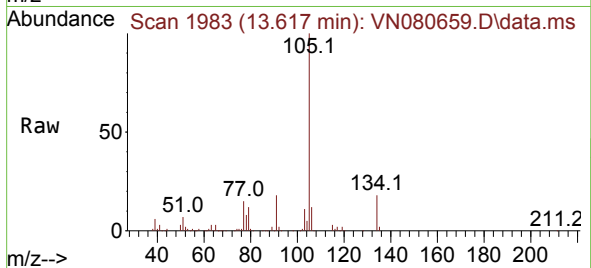
ClientSampleId :

Tgt Ion:105 Resp: 192146

Ion Ratio Lower Upper

105 100

134 18.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.275 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

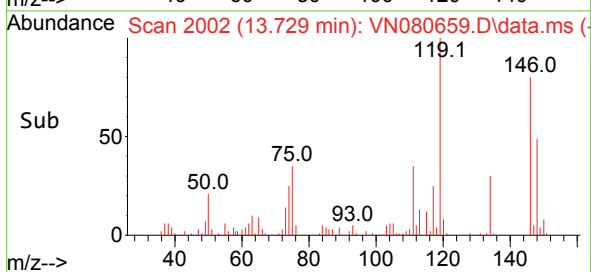
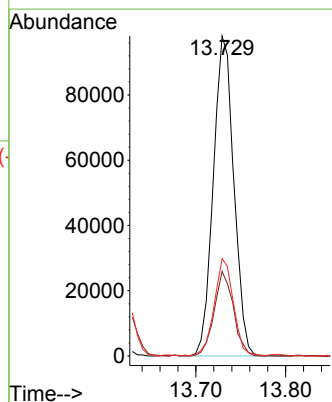
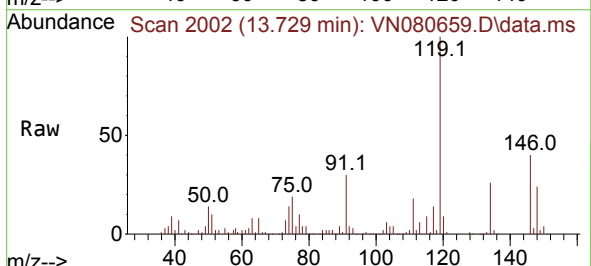
Tgt Ion:119 Resp: 155673

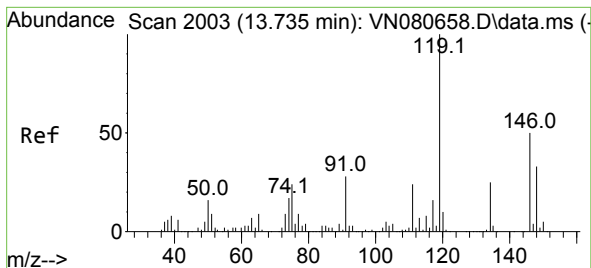
Ion Ratio Lower Upper

119 100

134 24.7 12.6 37.8

91 28.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.893 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

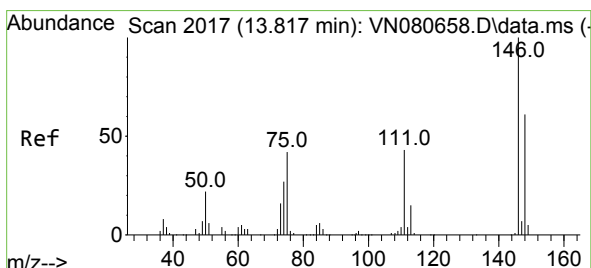
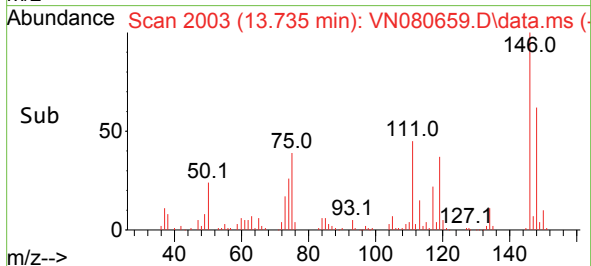
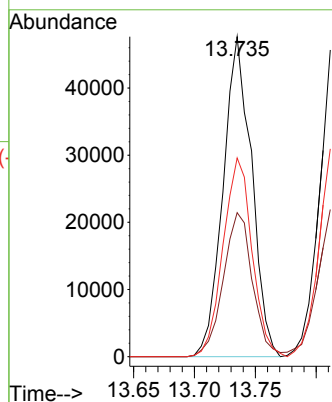
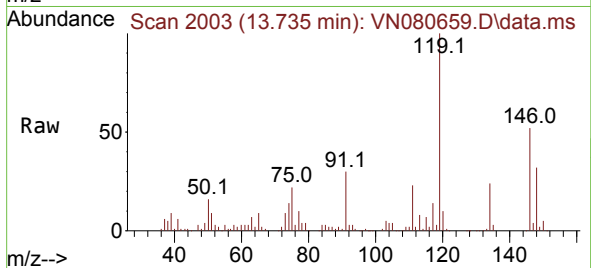
Tgt Ion:146 Resp: 77427

Ion Ratio Lower Upper

146 100

111 46.2 22.1 66.3

148 63.1 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.050 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

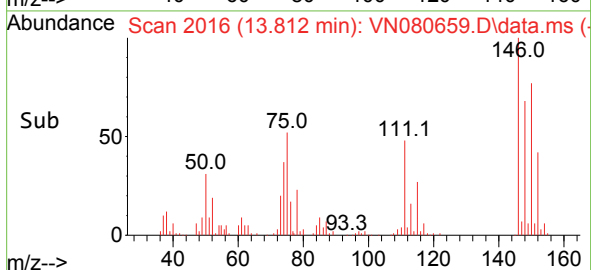
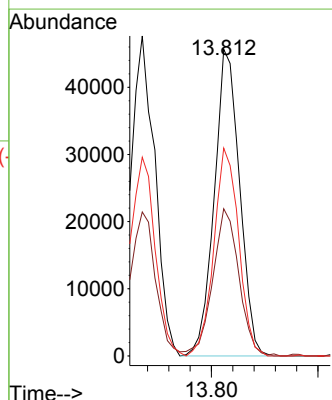
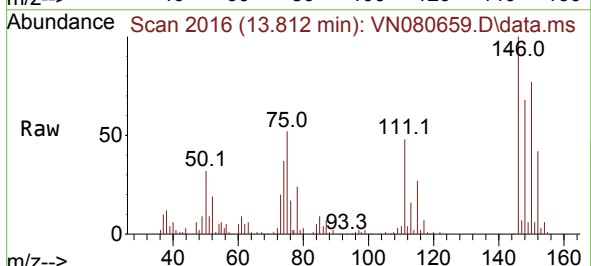
Tgt Ion:146 Resp: 75362

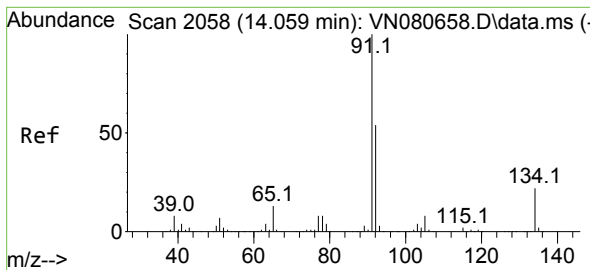
Ion Ratio Lower Upper

146 100

111 49.7 20.6 61.8

148 66.3 31.6 94.8

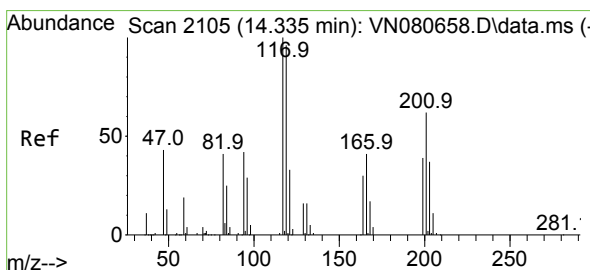
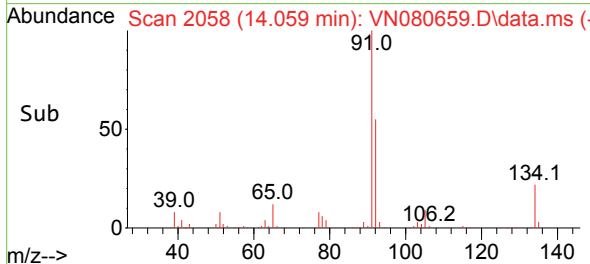
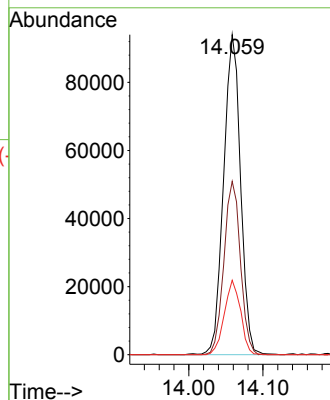
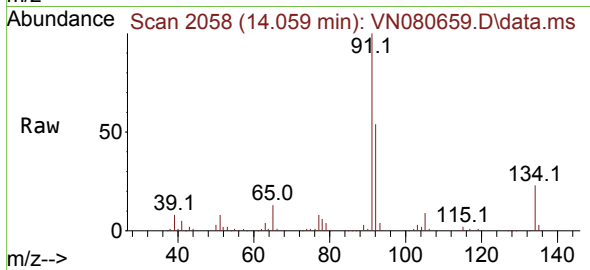




#89
n-Butylbenzene
Concen: 19.184 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

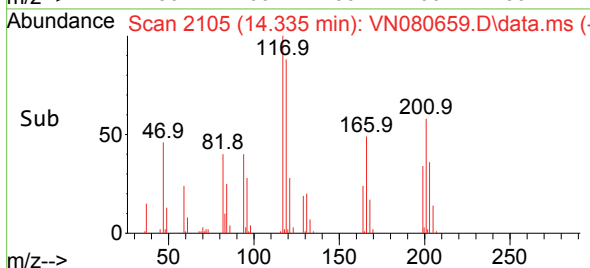
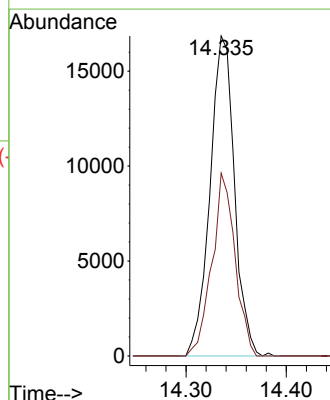
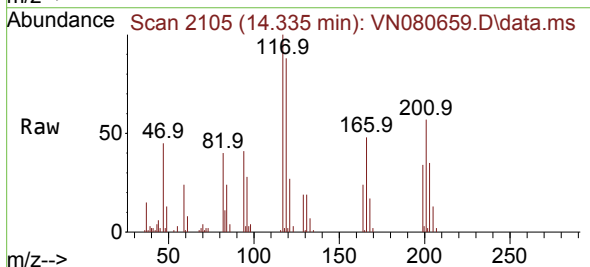
Instrument :
MSVOA_N
ClientSampleId :

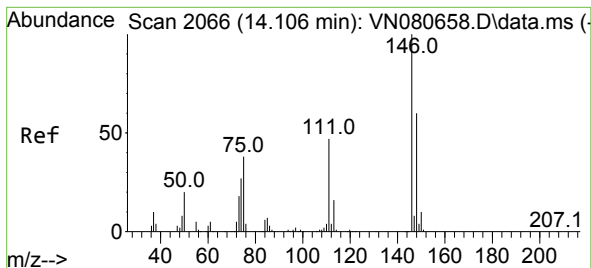
Tgt Ion: 91 Resp: 149345
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 22.3 12.6 37.6



#90
Hexachloroethane
Concen: 19.059 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

Tgt Ion: 117 Resp: 28547
Ion Ratio Lower Upper
117 100
201 54.0 29.3 88.0

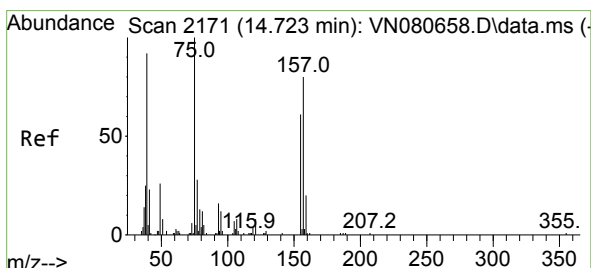
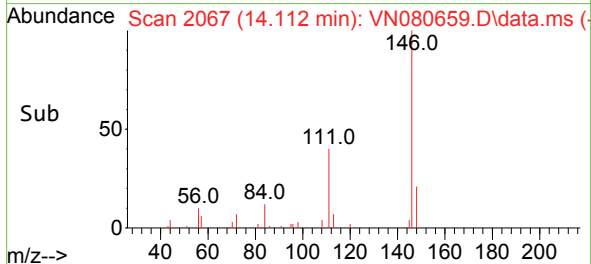
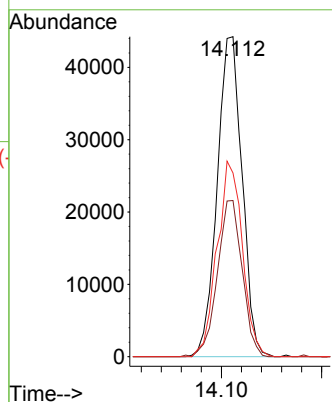
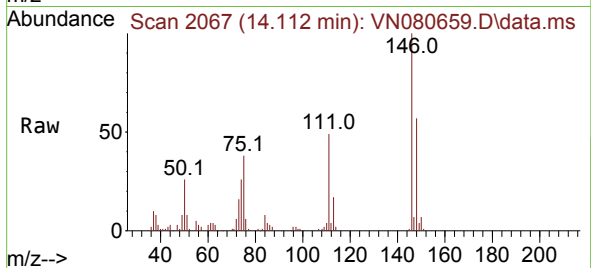




#91
1,2-Dichlorobenzene
Concen: 19.739 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

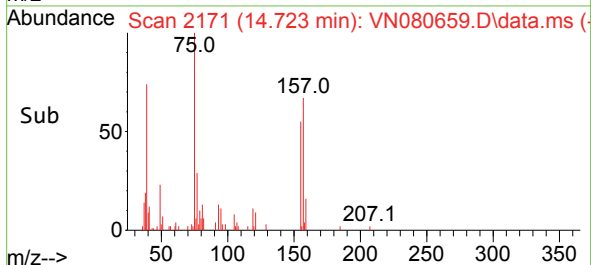
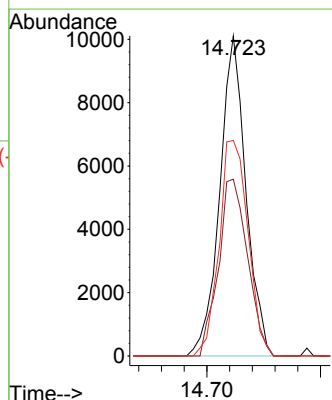
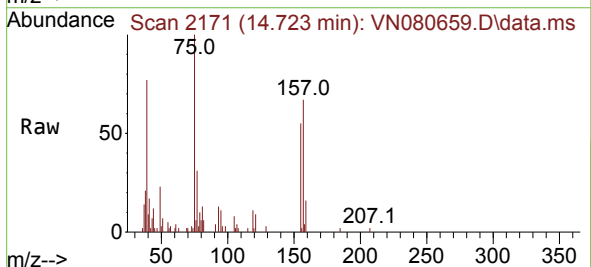
Instrument :
MSVOA_N
ClientSampleId :

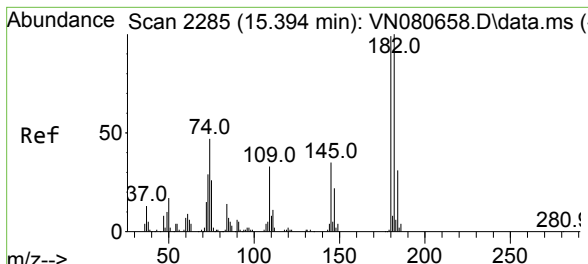
Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	22.0	66.0
148	62.0	31.8	95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.742 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080659.D
Acq: 10 Jan 2024 13:33

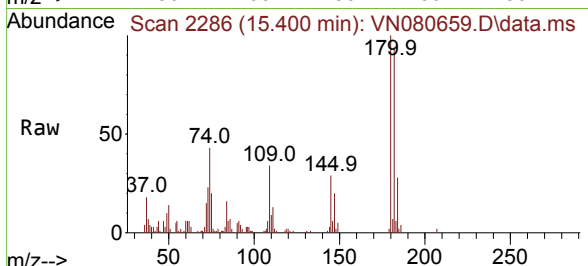
Tgt Ion	Ratio	Lower	Upper
75	100		
155	61.4	39.1	117.2
157	74.2	50.3	150.9



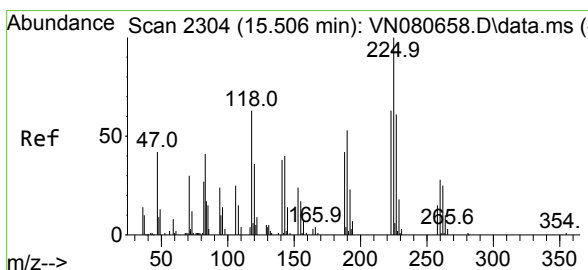
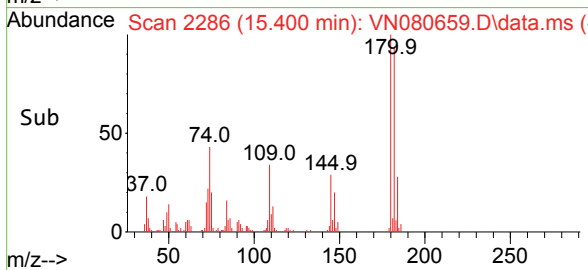
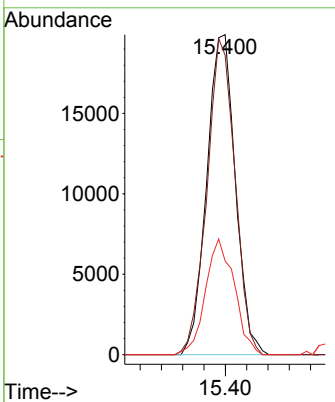


#93
 1,2,4-Trichlorobenzene
 Concen: 18.413 ug/l
 RT: 15.400 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

Instrument :
 MSVOA_N
 ClientSampleId :

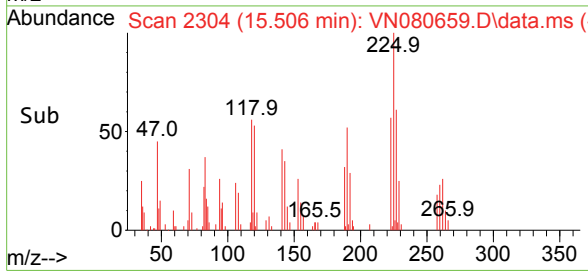
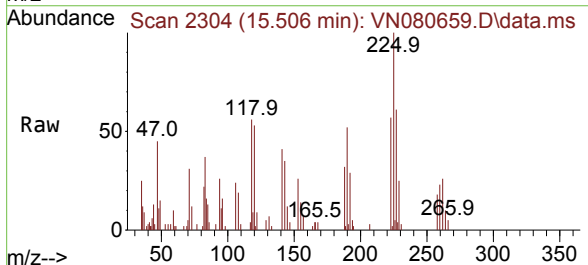
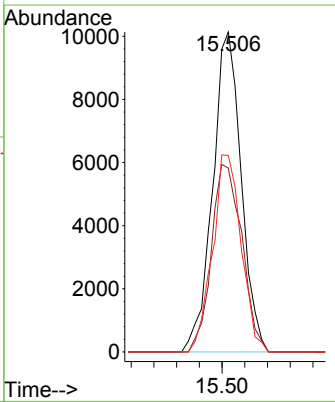


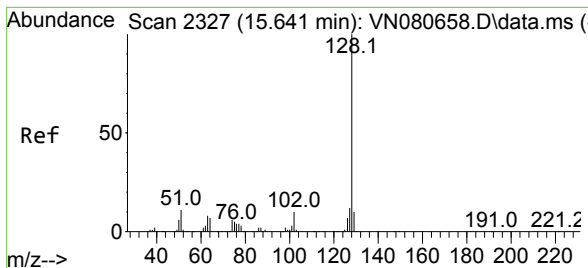
Tgt Ion:	180	Resp:	37034
Ion Ratio	Lower	Upper	
180	100		
182	96.7	46.1	138.2
145	36.5	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 18.276 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN080659.D
 Acq: 10 Jan 2024 13:33

Tgt Ion:	225	Resp:	17640
Ion Ratio	Lower	Upper	
225	100		
223	62.7	31.3	93.8
227	61.9	31.9	95.9





#95

Naphthalene

Concen: 19.303 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Instrument :

MSVOA_N

ClientSampleId :

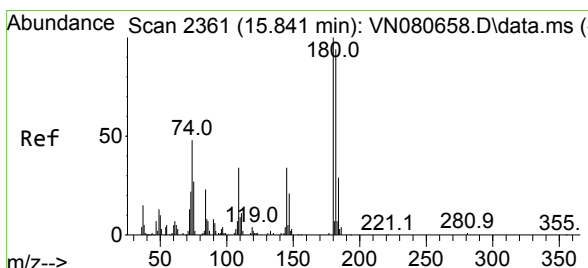
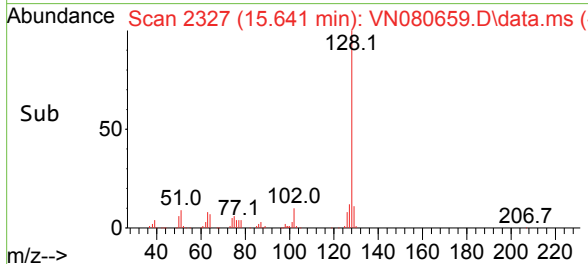
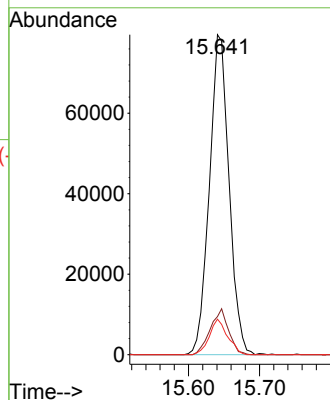
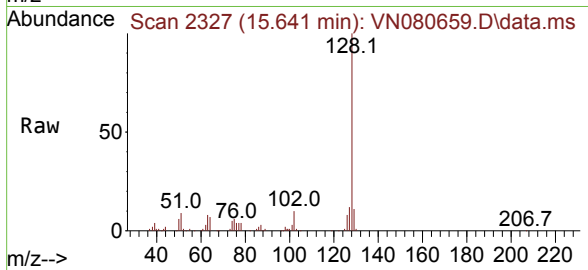
Tgt Ion:128 Resp: 152791

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 10.3 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.991 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080659.D

Acq: 10 Jan 2024 13:33

Tgt Ion:180 Resp: 38918

Ion Ratio Lower Upper

180 100

182 90.5 46.2 138.6

145 39.2 17.5 52.6

