

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022824\
 Data File : VN081239.D
 Acq On : 28 Feb 2024 13:30
 Operator : JC\MD
 Sample : VN0228WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS01

Quant Time: Feb 28 23:24:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	273754	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	461073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208913	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189038	56.338	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.680%	
35) Dibromofluoromethane	8.171	113	162327	55.872	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.740%	
50) Toluene-d8	10.571	98	531165	51.474	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.940%	
62) 4-Bromofluorobenzene	12.853	95	210525	54.295	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	70220	19.835	ug/l	97
3) Chloromethane	2.360	50	67444	16.674	ug/l	97
4) Vinyl Chloride	2.512	62	71445	18.168	ug/l #	87
5) Bromomethane	2.959	94	46053	16.488	ug/l	99
6) Chloroethane	3.130	64	49020	18.729	ug/l	95
7) Trichlorofluoromethane	3.495	101	109885	19.127	ug/l	85
8) Diethyl Ether	3.959	74	38987	18.562	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.371	101	65274	20.381	ug/l	91
10) Methyl Iodide	4.589	142	53546	14.979	ug/l	98
11) Tert butyl alcohol	5.518	59	57346	92.931	ug/l	98
12) 1,1-Dichloroethene	4.348	96	54199	17.507	ug/l	89
13) Acrolein	4.177	56	26705	80.743	ug/l	96
14) Allyl chloride	5.024	41	79898	17.394	ug/l #	85
15) Acrylonitrile	5.718	53	170007	105.488	ug/l	99
16) Acetone	4.430	43	131328	99.468	ug/l	93
17) Carbon Disulfide	4.718	76	132730	15.371	ug/l	96
18) Methyl Acetate	5.024	43	79878	24.801	ug/l	91
19) Methyl tert-butyl Ether	5.795	73	205012	19.335	ug/l	93
20) Methylene Chloride	5.277	84	68290	19.425	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	61461	17.794	ug/l	91
22) Diisopropyl ether	6.677	45	210660	20.217	ug/l #	95
23) Vinyl Acetate	6.606	43	808872	95.678	ug/l	96
24) 1,1-Dichloroethane	6.571	63	121271	20.128	ug/l	94
25) 2-Butanone	7.489	43	216050	101.290	ug/l #	89
26) 2,2-Dichloropropane	7.494	77	107633	19.066	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	76410	19.041	ug/l	87
28) Bromochloromethane	7.812	49	54949	21.999	ug/l #	68
29) Tetrahydrofuran	7.841	42	145649	102.291	ug/l	90
30) Chloroform	7.971	83	132559	20.696	ug/l	99
31) Cyclohexane	8.259	56	104999	18.123	ug/l #	82
32) 1,1,1-Trichloroethane	8.177	97	113169	19.401	ug/l	93
36) 1,1-Dichloropropene	8.371	75	90884	18.259	ug/l	96
37) Ethyl Acetate	7.571	43	92225	20.530	ug/l	95
38) Carbon Tetrachloride	8.365	117	93765	18.619	ug/l	99
39) Methylcyclohexane	9.606	83	101173	17.437	ug/l	96
40) Benzene	8.606	78	278402	19.324	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	52109	20.382	ug/l	95
42) 1,2-Dichloroethane	8.677	62	100669	20.028	ug/l	99
43) Isopropyl Acetate	8.694	43	150726	19.185	ug/l #	94
44) Trichloroethene	9.359	130	70493	18.370	ug/l	91
45) 1,2-Dichloropropane	9.624	63	72433	20.098	ug/l	95
46) Dibromomethane	9.712	93	49845	18.982	ug/l	89
47) Bromodichloromethane	9.894	83	101763	20.462	ug/l #	99
48) Methyl methacrylate	9.688	41	69405	18.985	ug/l	91
49) 1,4-Dioxane	9.700	88	28093	393.375	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	476225	105.370	ug/l	97
52) Toluene	10.635	92	173291	18.999	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	106114	19.201	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	113218	18.961	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	71567	20.401	ug/l	91
56) Ethyl methacrylate	10.877	69	99123	18.488	ug/l	94
57) 1,3-Dichloropropane	11.165	76	122193	20.145	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	150634	55.996	ug/l #	89
59) 2-Hexanone	11.200	43	358121	99.947	ug/l	95
60) Dibromochloromethane	11.365	129	73137	19.625	ug/l	97
61) 1,2-Dibromoethane	11.471	107	73786	20.002	ug/l	100
64) Tetrachloroethene	11.106	164	66366	21.090	ug/l	94
65) Chlorobenzene	11.894	112	184170	18.456	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.965	131	66887	18.661	ug/l	98
67) Ethyl Benzene	11.965	91	337085	18.877	ug/l	98
68) m/p-Xylenes	12.077	106	256920	37.537	ug/l	95
69) o-Xylene	12.400	106	124432	18.340	ug/l	95
70) Styrene	12.418	104	198701	18.482	ug/l	96
71) Bromoform	12.576	173	43771	19.249	ug/l #	94
73) Isopropylbenzene	12.700	105	319819	17.497	ug/l	97
74) N-amyl acetate	12.500	43	129991	16.827	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	97466	18.963	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	126530	26.657	ug/l	61
77) Bromobenzene	12.982	156	71799	17.617	ug/l	77
78) n-propylbenzene	13.041	91	394317	18.740	ug/l	97
79) 2-Chlorotoluene	13.129	91	228628	17.714	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	275363	18.580	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	30196	16.374	ug/l #	75
82) 4-Chlorotoluene	13.224	91	227281	18.010	ug/l	96
83) tert-Butylbenzene	13.441	119	237682	18.548	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	280528	18.996	ug/l	97
85) sec-Butylbenzene	13.618	105	339577	19.061	ug/l	95
86) p-Isopropyltoluene	13.735	119	276823	18.708	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	135888	17.646	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	140386	18.553	ug/l	96
89) n-Butylbenzene	14.059	91	243649	18.900	ug/l	97
90) Hexachloroethane	14.335	117	44728	18.287	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	135487	18.242	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	19576	18.319	ug/l	85
93) 1,2,4-Trichlorobenzene	15.394	180	71554	17.269	ug/l	98
94) Hexachlorobutadiene	15.506	225	28448	18.409	ug/l	97
95) Naphthalene	15.647	128	262068	17.259	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	75507	18.369	ug/l	98

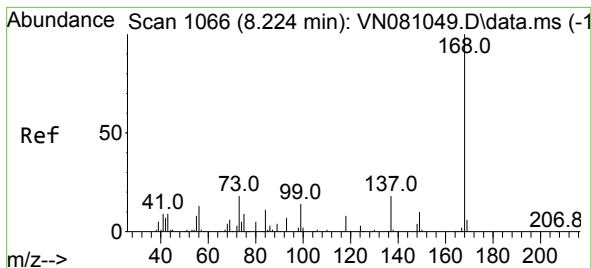
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081239.D

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Instrument :

MSVOA_N

ClientSampleId :

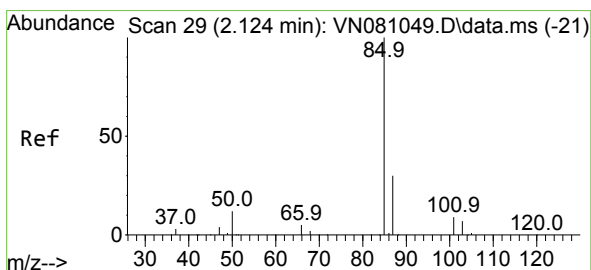
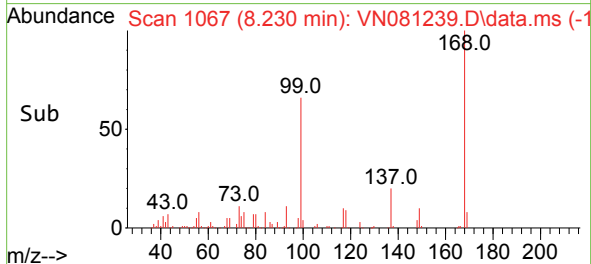
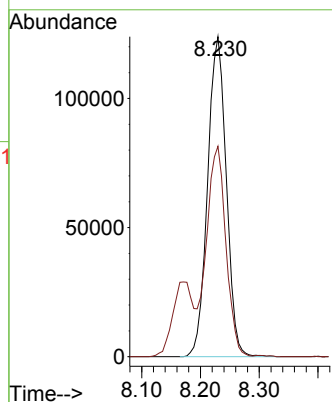
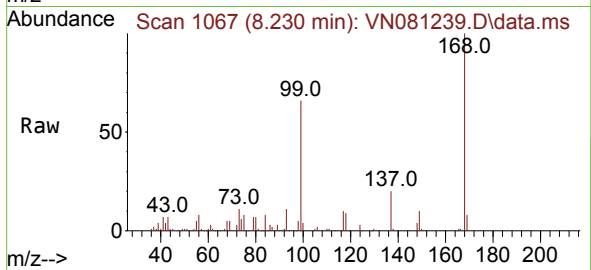
VN0228WBS01

Tgt Ion:168 Resp: 273754

Ion Ratio Lower Upper

168 100

99 65.8 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.835 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081239.D

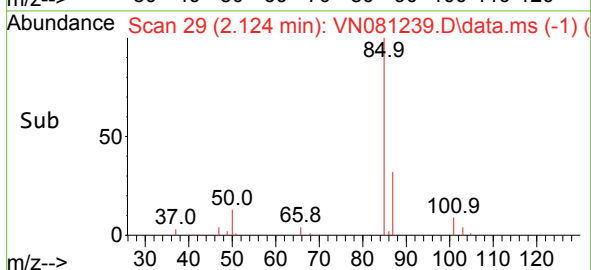
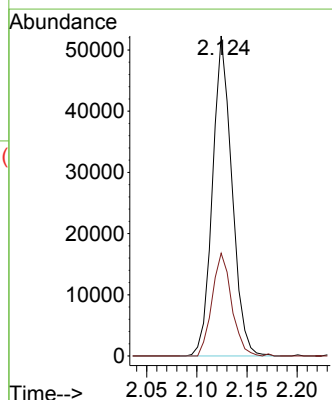
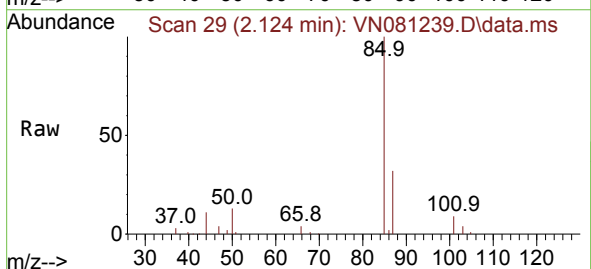
Acq: 28 Feb 2024 13:30

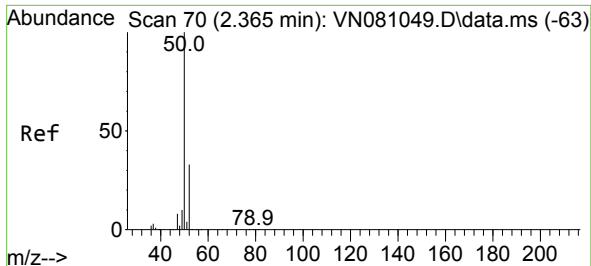
Tgt Ion: 85 Resp: 70220

Ion Ratio Lower Upper

85 100

87 32.1 15.3 45.9

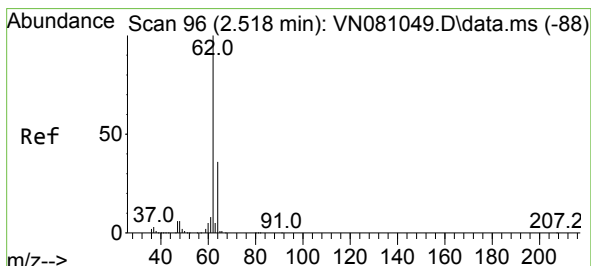
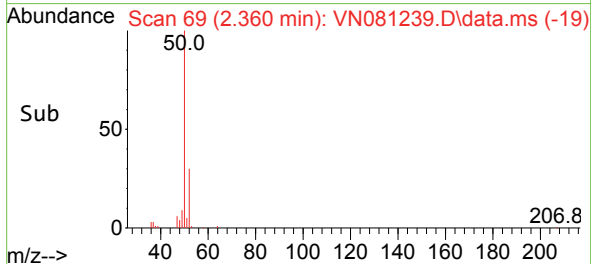
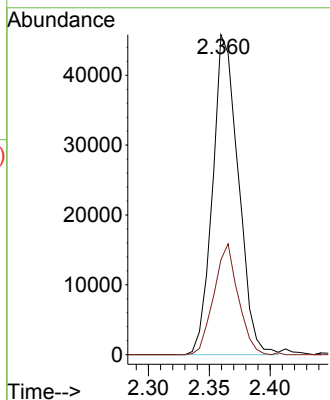
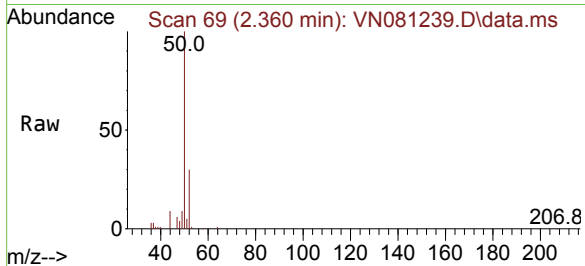




#3
Chloromethane
Concen: 16.674 ug/l
RT: 2.360 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

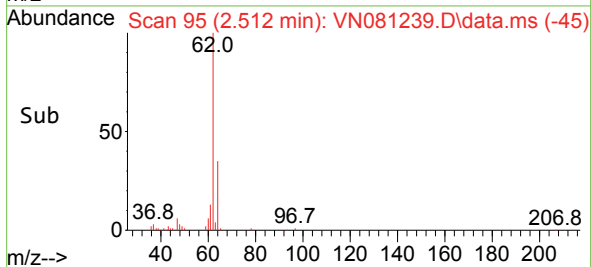
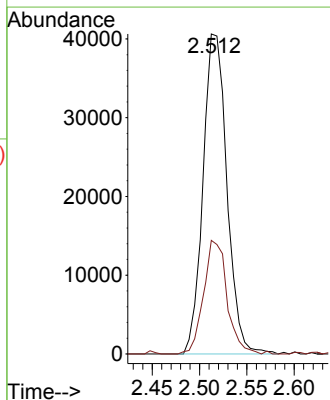
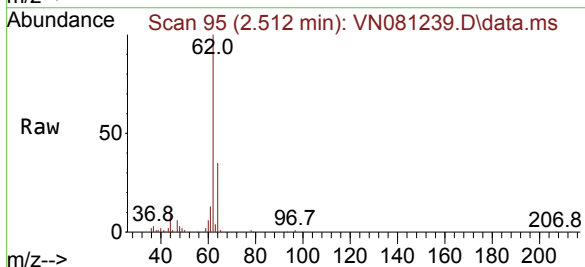
Instrument :
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ClientSampleId :
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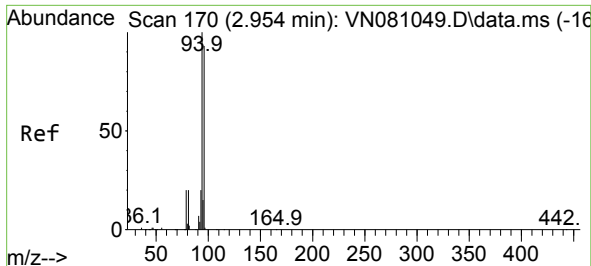
Tgt Ion: 50 Resp: 67444
Ion Ratio Lower Upper
50 100
52 29.6 25.0 37.4



#4
Vinyl Chloride
Concen: 18.168 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 62 Resp: 71445
Ion Ratio Lower Upper
62 100
64 35.5 22.7 34.1#

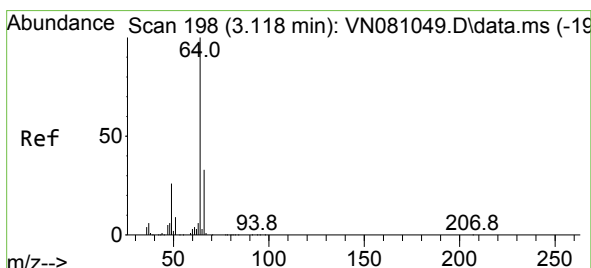
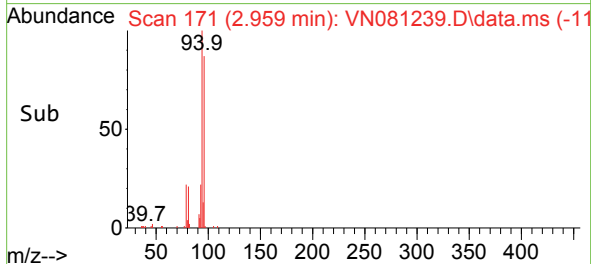
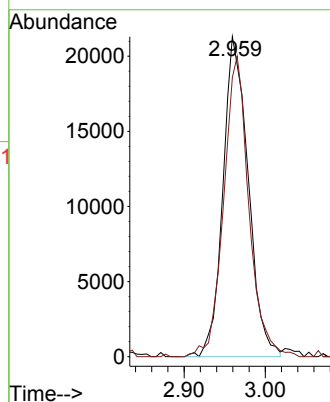
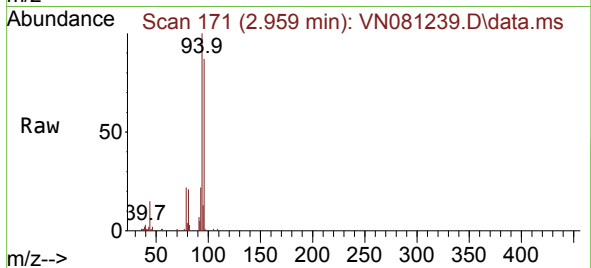




#5
Bromomethane
Concen: 16.488 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

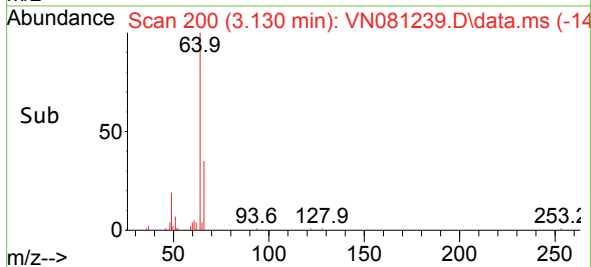
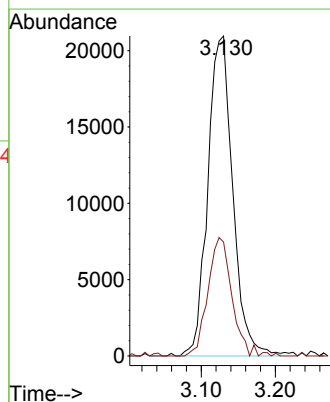
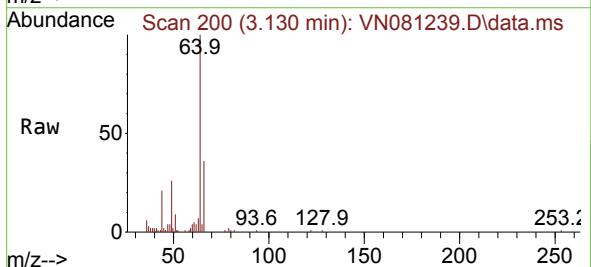
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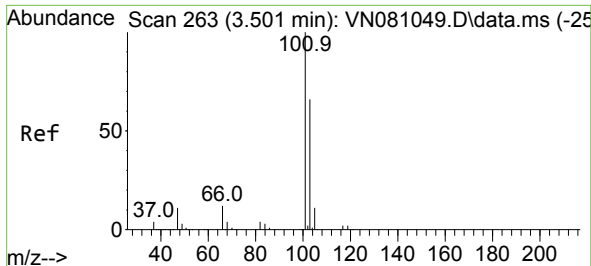
Tgt Ion: 94 Resp: 46053
Ion Ratio Lower Upper
94 100
96 87.2 69.2 103.8



#6
Chloroethane
Concen: 18.729 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 64 Resp: 49020
Ion Ratio Lower Upper
64 100
66 35.6 26.4 39.6

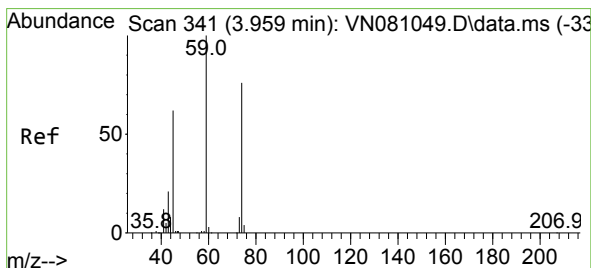
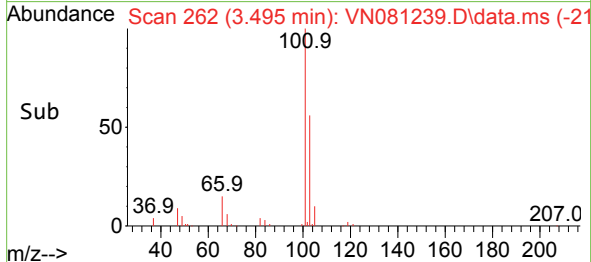
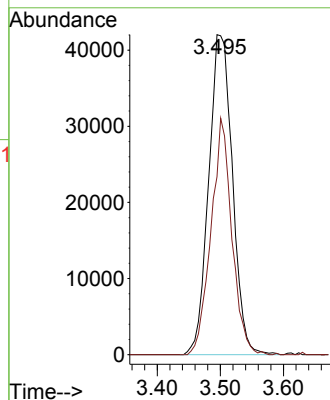
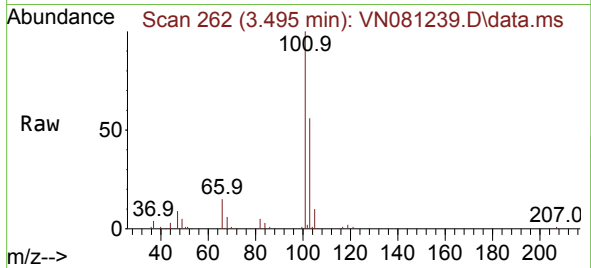




#7
Trichlorofluoromethane
Concen: 19.127 ug/l
RT: 3.495 min Scan# 263
Delta R.T. -0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

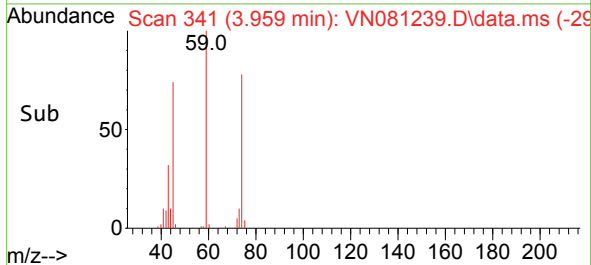
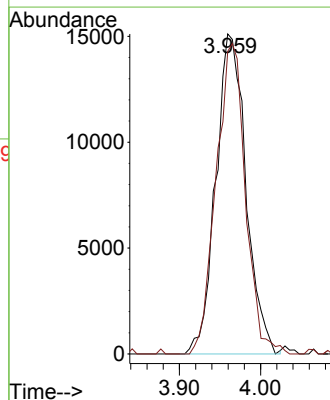
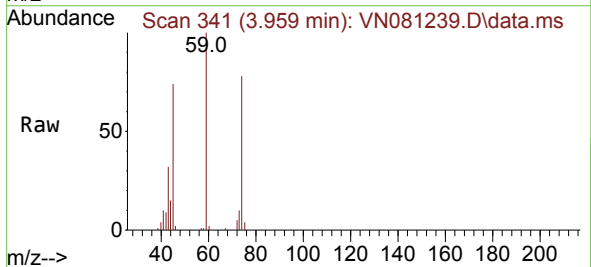
Instrument :
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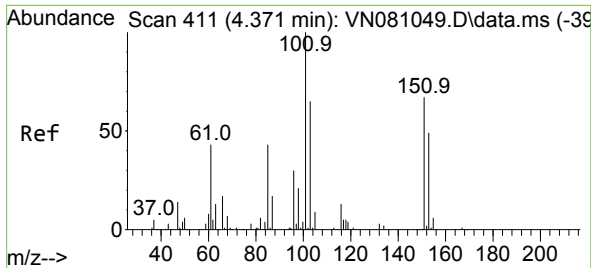
Tgt Ion:101 Resp: 109885
Ion Ratio Lower Upper
101 100
103 55.6 54.4 81.6



#8
Diethyl Ether
Concen: 18.562 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 74 Resp: 38987
Ion Ratio Lower Upper
74 100
45 94.6 53.3 159.9

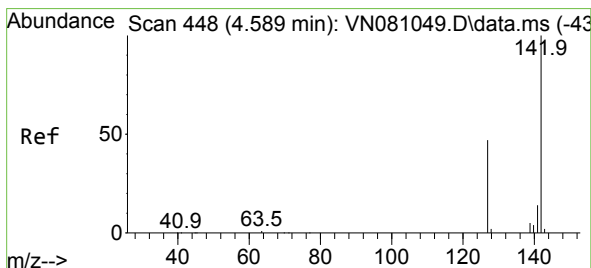
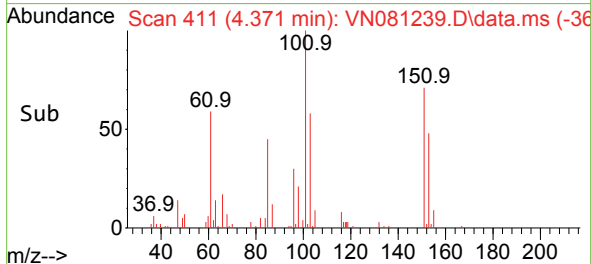
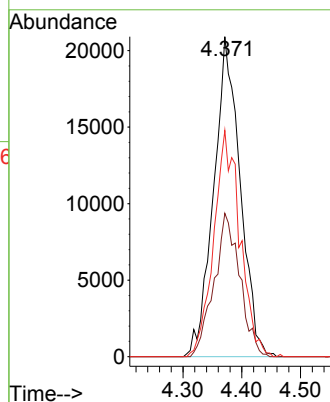
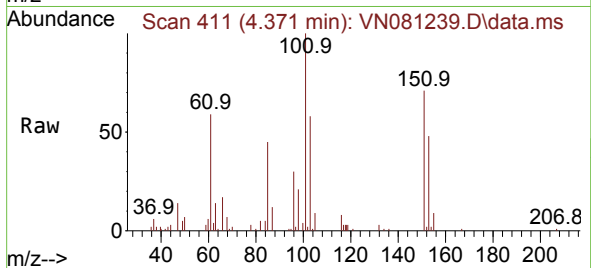




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.381 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081239.D
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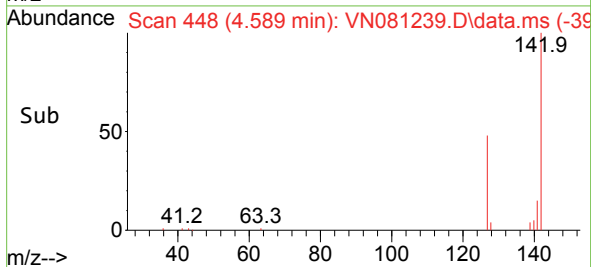
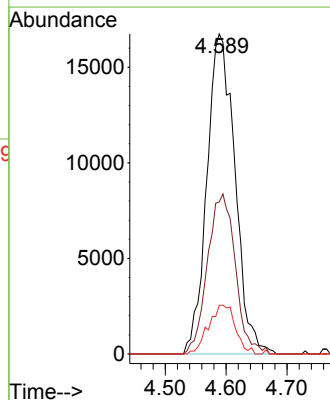
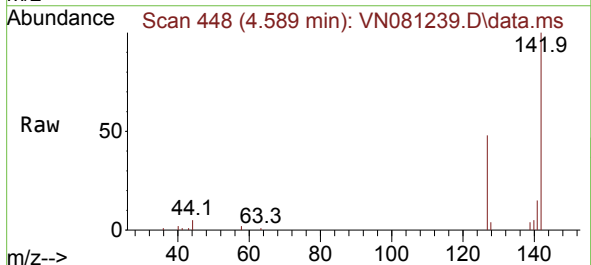
Instrument :
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ClientSampleId :
VN0228WBS01

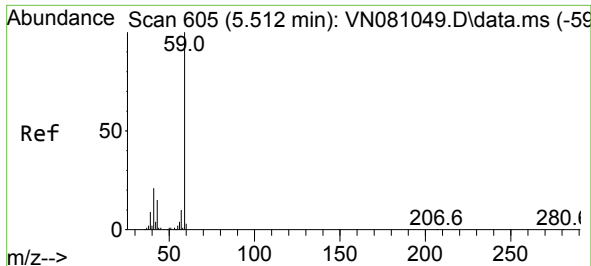
Tgt Ion:101 Resp: 65274
Ion Ratio Lower Upper
101 100
85 43.6 38.1 57.1
151 70.1 49.1 73.7



#10
Methyl Iodide
Concen: 14.979 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:142 Resp: 53546
Ion Ratio Lower Upper
142 100
127 47.5 37.0 55.4
141 15.2 12.5 18.7

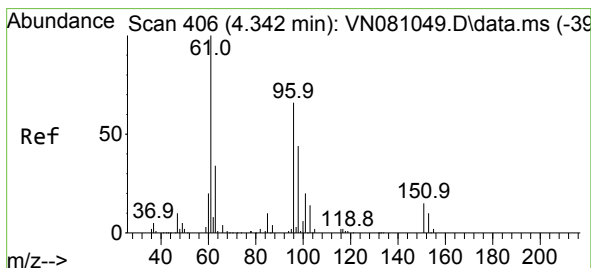
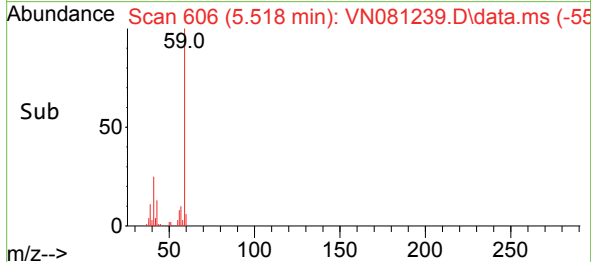
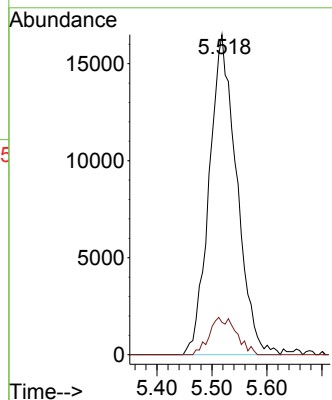
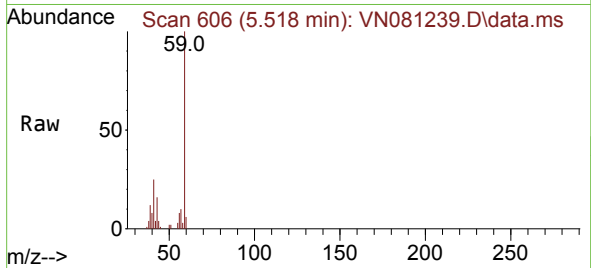




#11
Tert butyl alcohol
Concen: 92.931 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

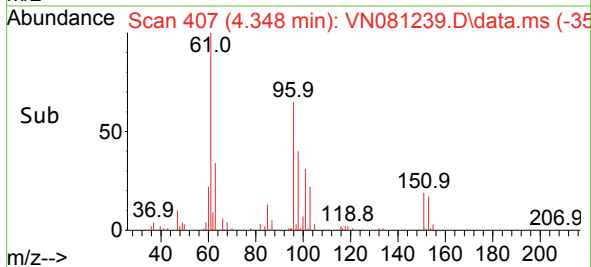
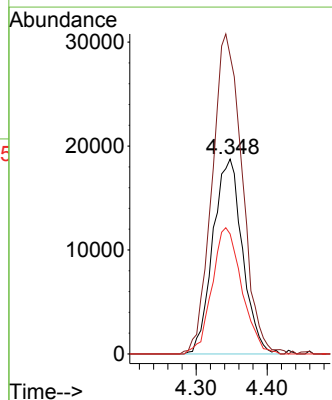
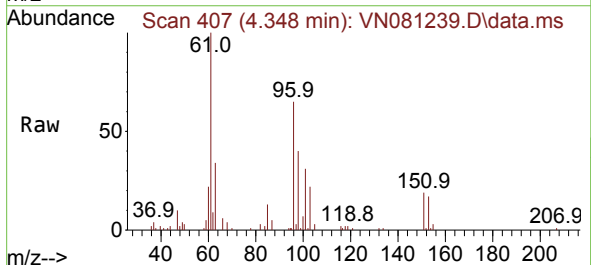
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

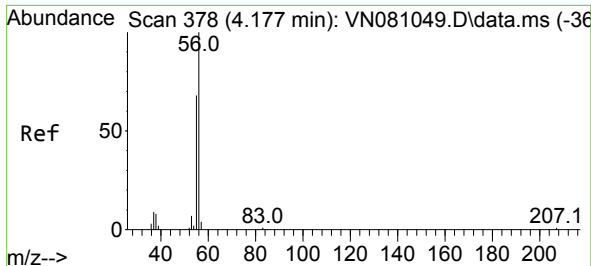
Tgt Ion: 59 Resp: 57346
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.507 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 96 Resp: 54199
Ion Ratio Lower Upper
96 100
61 153.0 138.2 207.4
98 61.5 49.2 73.8

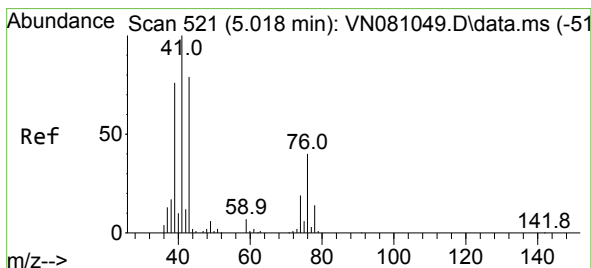
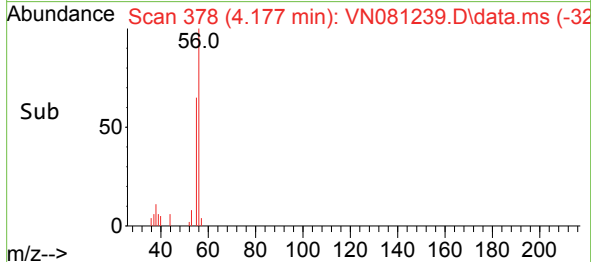
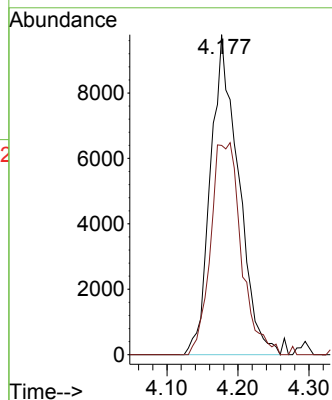
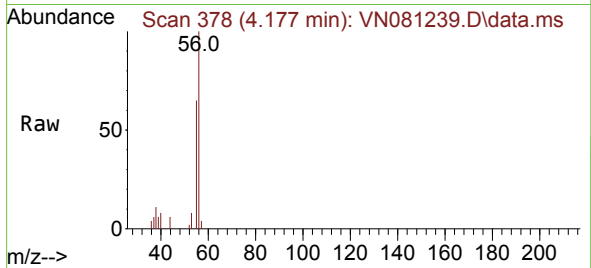




#13
Acrolein
Concen: 80.743 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

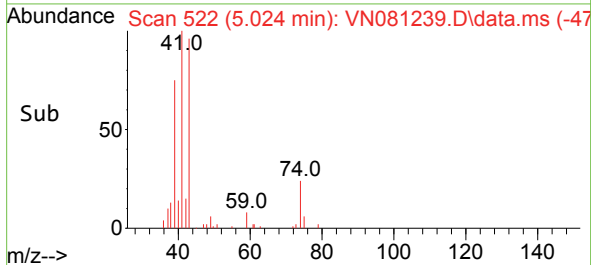
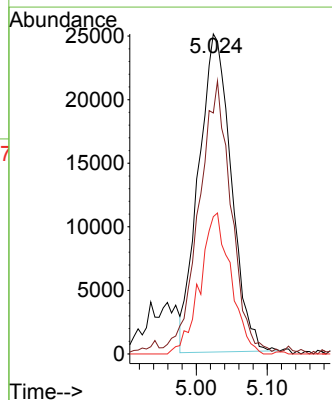
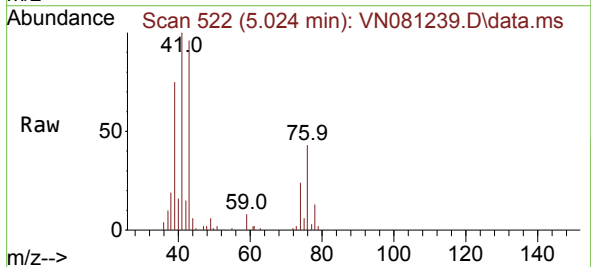
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

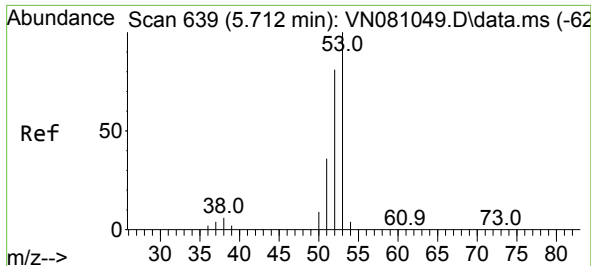
Tgt Ion: 56 Resp: 26705
Ion Ratio Lower Upper
56 100
55 72.6 55.3 82.9



#14
Allyl chloride
Concen: 17.394 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 41 Resp: 79898
Ion Ratio Lower Upper
41 100
39 85.2 57.7 86.5
76 41.8 26.8 40.2#

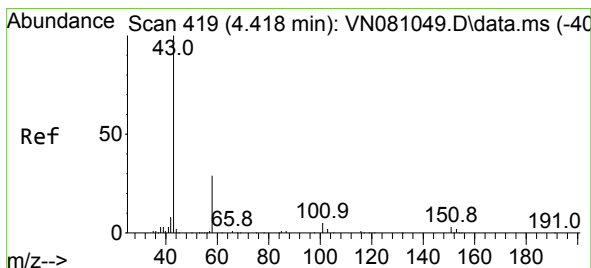
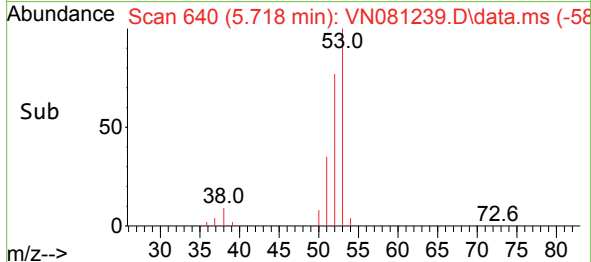
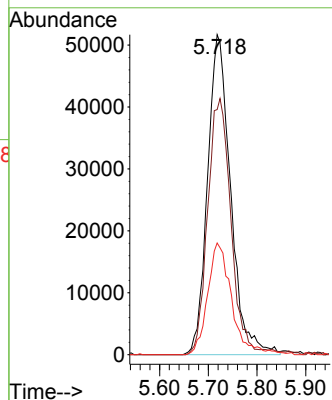
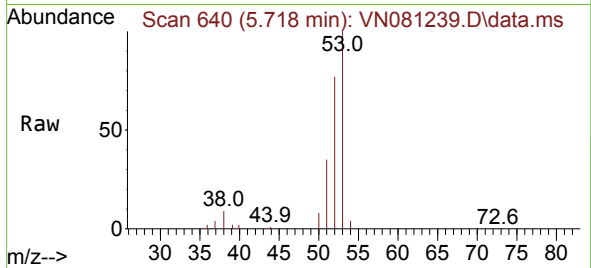




#15
Acrylonitrile
Concen: 105.488 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

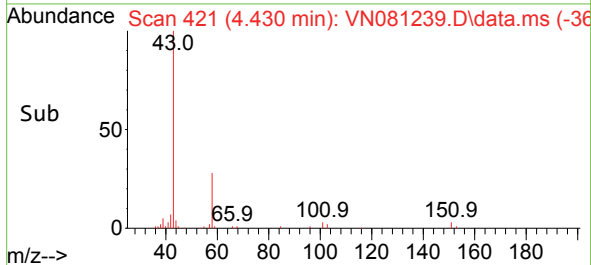
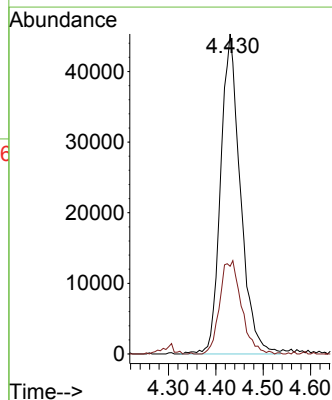
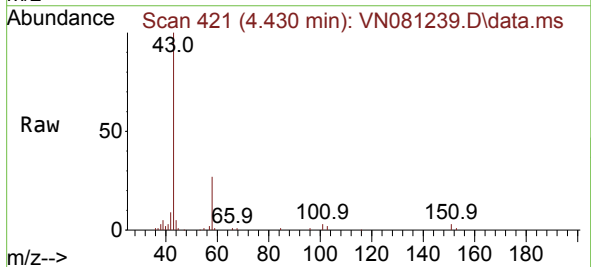
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

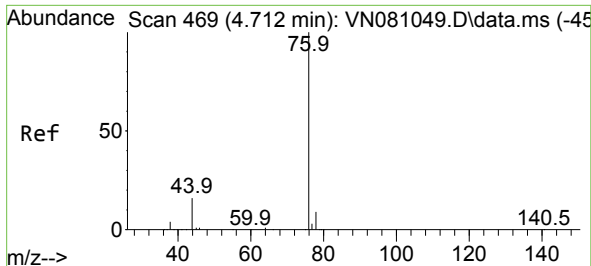
Tgt Ion: 53 Resp: 170007
Ion Ratio Lower Upper
53 100
52 81.0 64.8 97.2
51 35.7 26.9 40.3



#16
Acetone
Concen: 99.468 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 43 Resp: 131328
Ion Ratio Lower Upper
43 100
58 27.0 24.8 37.2

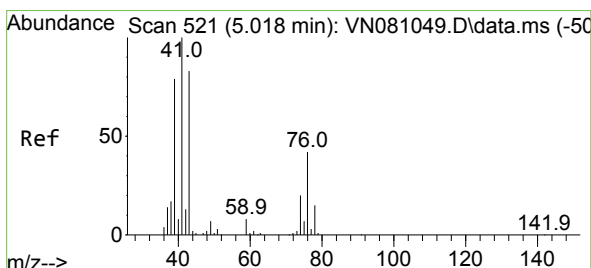
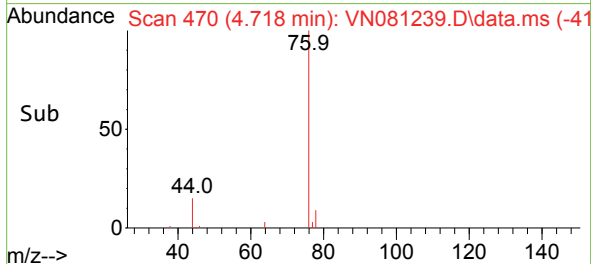
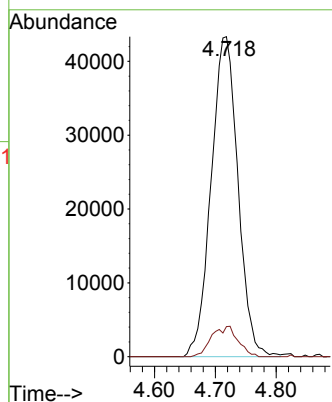
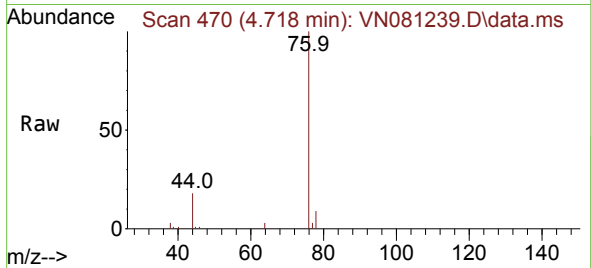




#17
Carbon Disulfide
Concen: 15.371 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

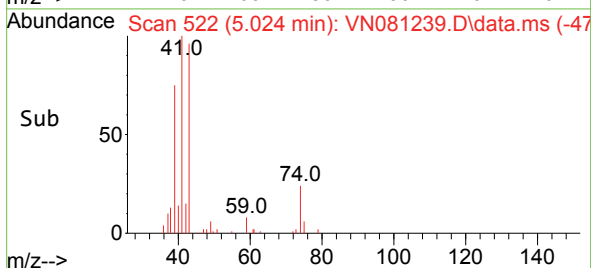
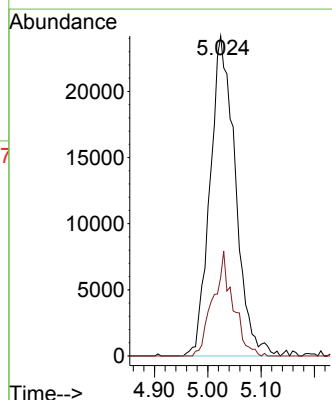
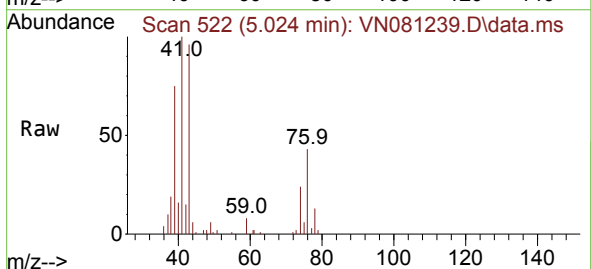
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

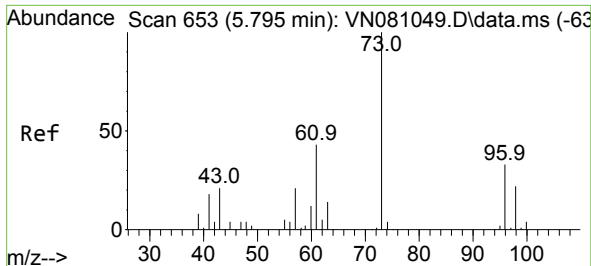
Tgt Ion: 76 Resp: 132730
Ion Ratio Lower Upper
76 100
78 9.4 6.3 9.5



#18
Methyl Acetate
Concen: 24.801 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 43 Resp: 79878
Ion Ratio Lower Upper
43 100
74 25.9 17.3 25.9

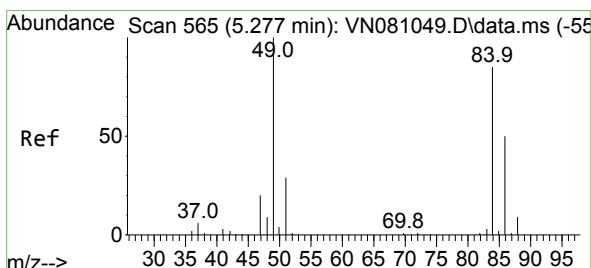
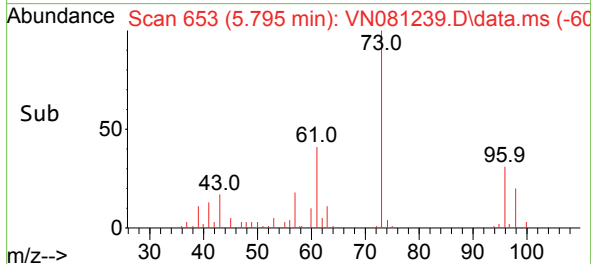
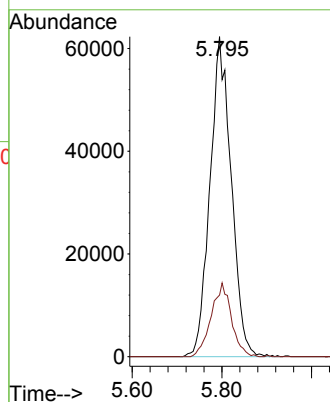
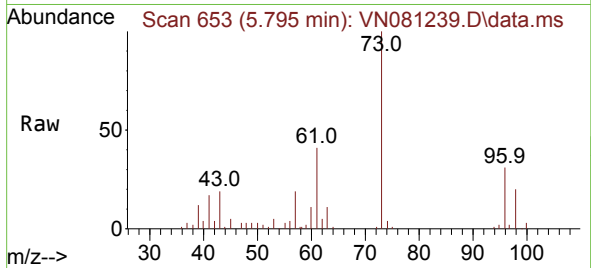




#19
Methyl tert-butyl Ether
Concen: 19.335 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

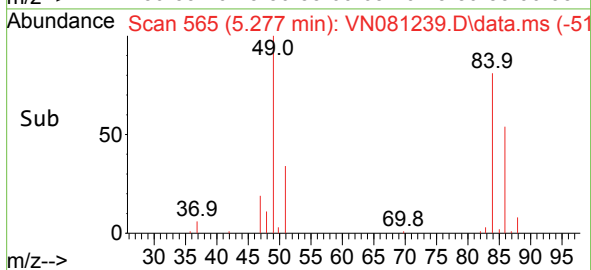
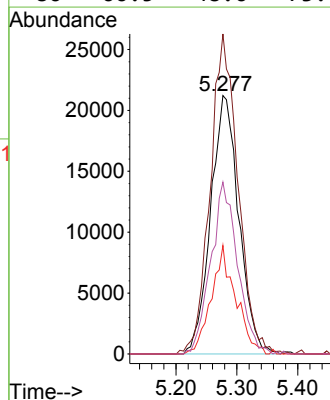
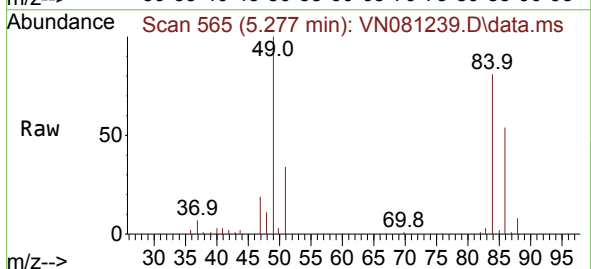
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

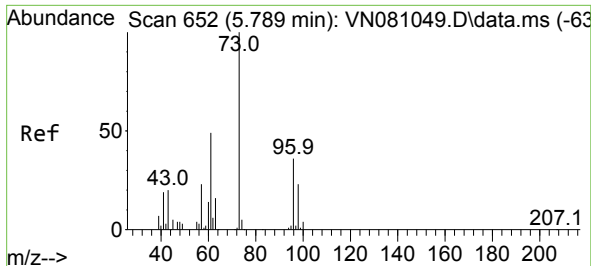
Tgt Ion: 73 Resp: 205012
Ion Ratio Lower Upper
73 100
57 19.3 18.2 27.4



#20
Methylene Chloride
Concen: 19.425 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 84 Resp: 68290
Ion Ratio Lower Upper
84 100
49 122.7 108.1 162.1
51 42.0 32.9 49.3
86 66.5 48.6 73.0

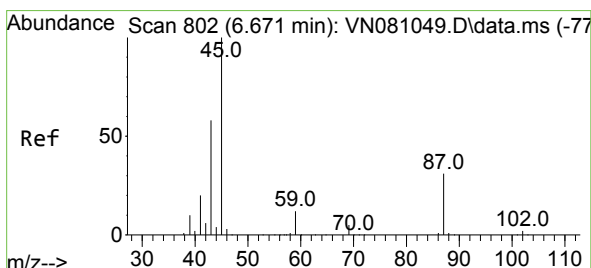
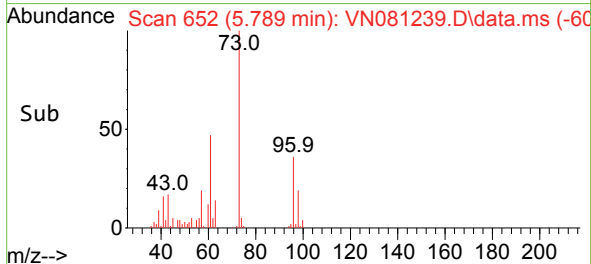
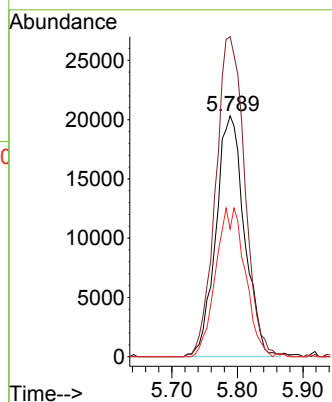
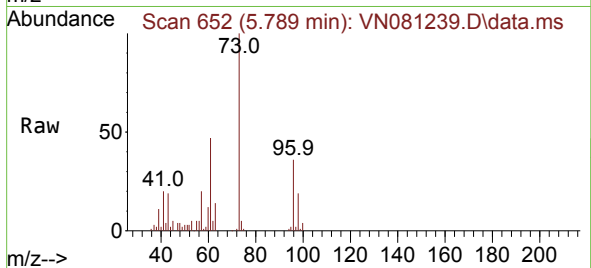




#21
trans-1,2-Dichloroethene
Concen: 17.794 ug/l
RT: 5.789 min Scan# 614
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

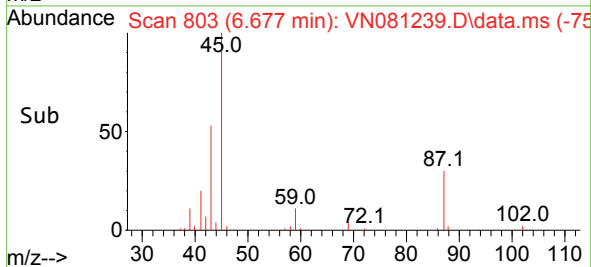
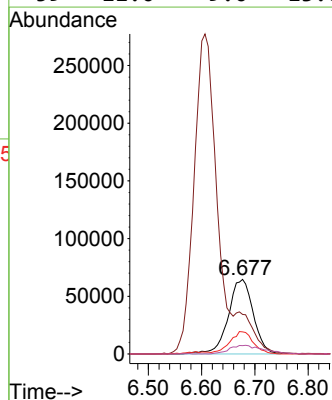
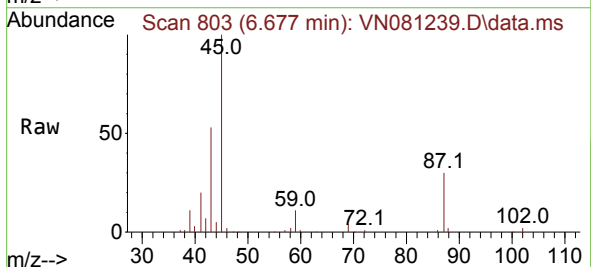
Instrument :
MSVOA_N
ClientSampleId :
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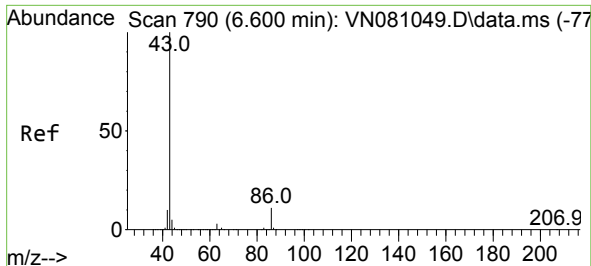
Tgt Ion: 96 Resp: 61461
Ion Ratio Lower Upper
96 100
61 132.9 112.8 169.2
98 53.1 51.0 76.4



#22
Diisopropyl ether
Concen: 20.217 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 45 Resp: 210660
Ion Ratio Lower Upper
45 100
43 51.4 41.8 62.8
87 29.6 18.1 27.1#
59 11.0 9.0 13.6

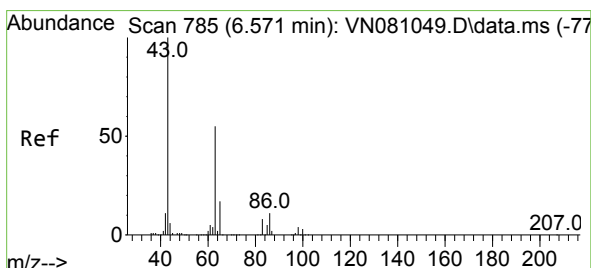
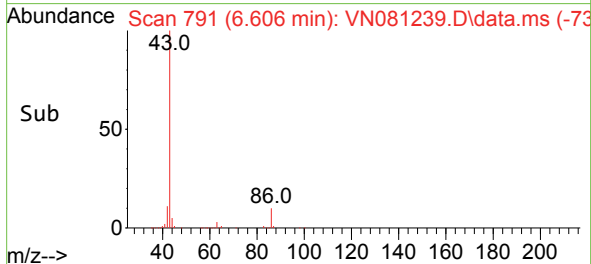
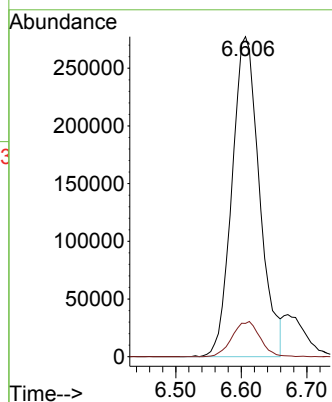
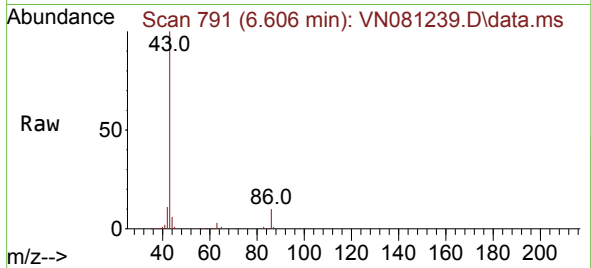




#23
 Vinyl Acetate
 Concen: 95.678 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

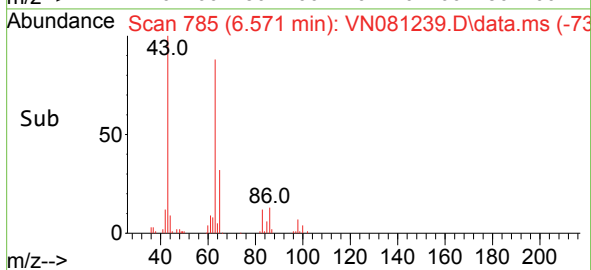
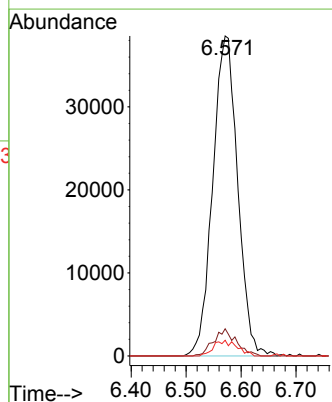
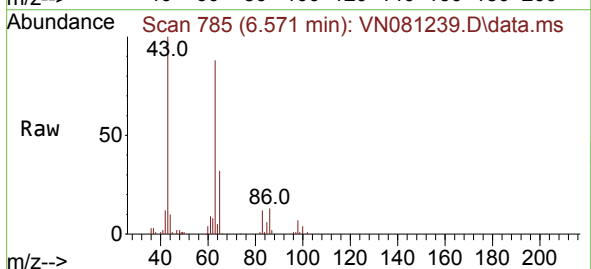
Instrument :
 MSVOA_N
 ClientSampleId :
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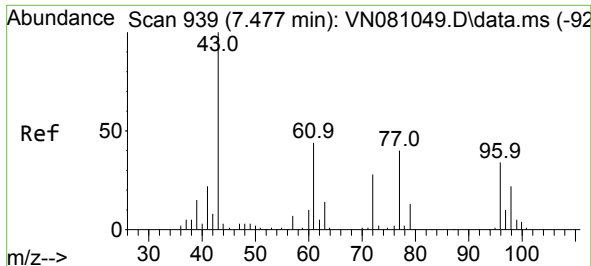
Tgt Ion: 43 Resp: 808872
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.128 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

Tgt Ion: 63 Resp: 121271
 Ion Ratio Lower Upper
 63 100
 98 8.5 2.9 8.6
 100 4.9 1.9 5.7

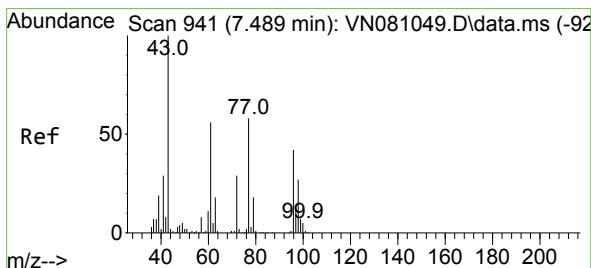
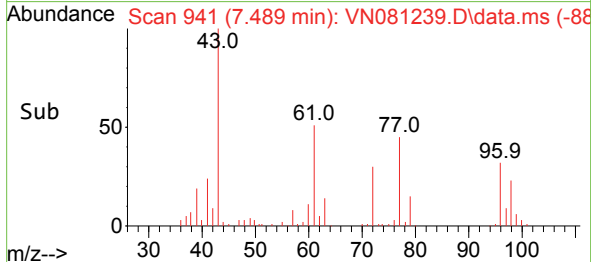
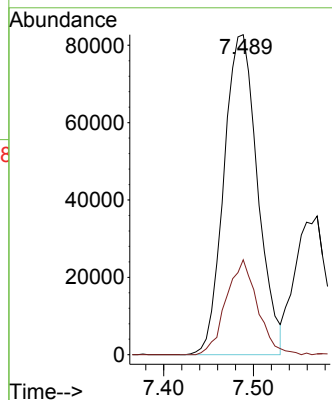
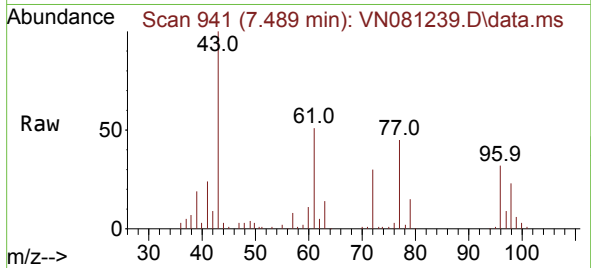




#25
2-Butanone
Concen: 101.290 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

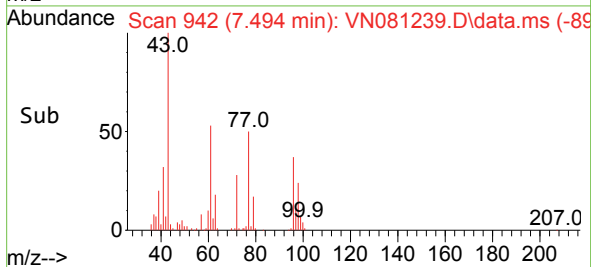
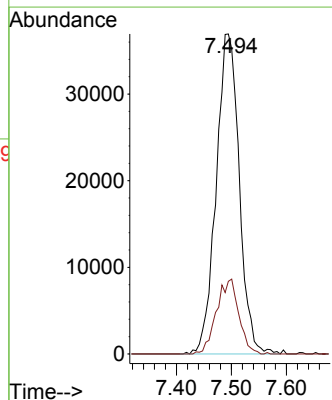
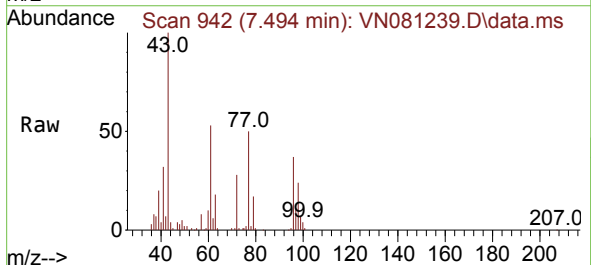
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

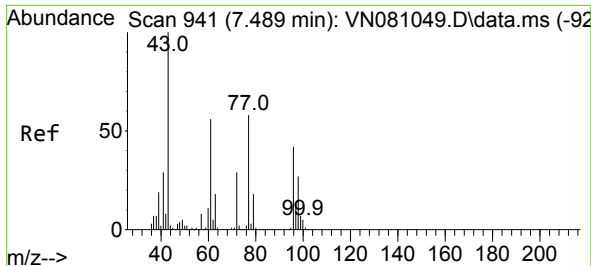
Tgt Ion: 43 Resp: 216050
Ion Ratio Lower Upper
43 100
72 29.7 19.5 29.3#



#26
2,2-Dichloropropane
Concen: 19.066 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 77 Resp: 107633
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

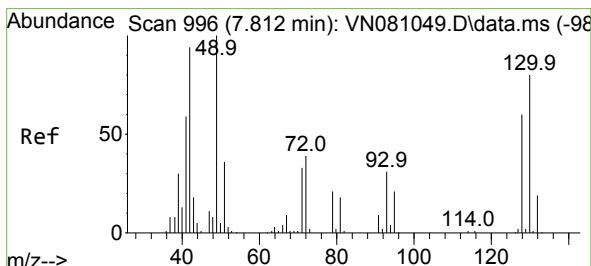
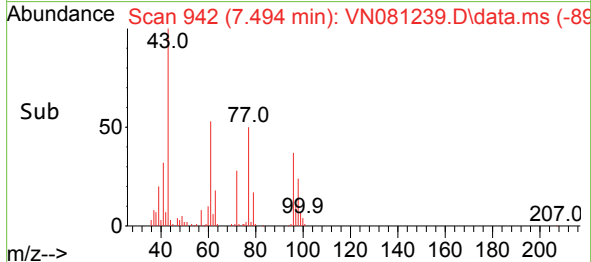
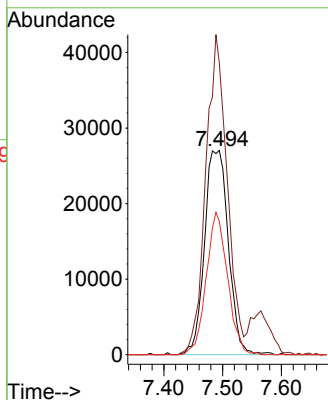
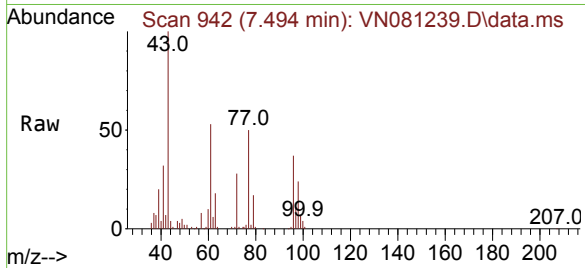




#27
 cis-1,2-Dichloroethene
 Concen: 19.041 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

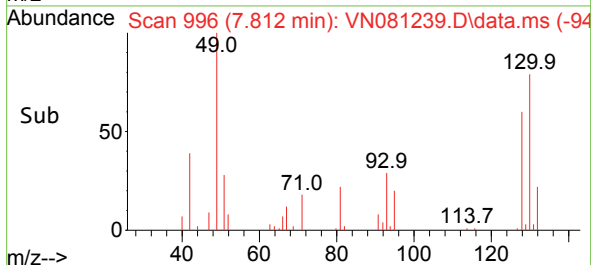
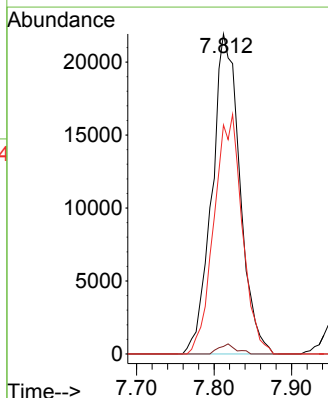
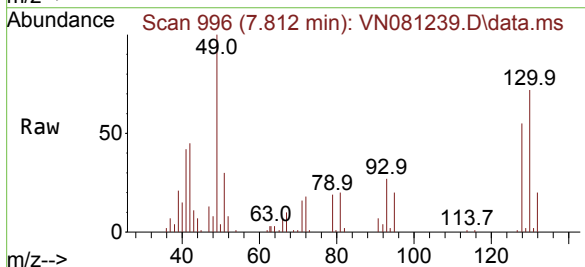
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS01

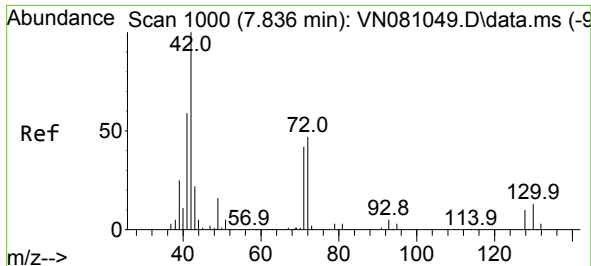
Tgt Ion: 96 Resp: 76410
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 325.4
 98 62.3 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.999 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

Tgt Ion: 49 Resp: 54949
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 1.6#
 130 75.6 42.3 63.5#

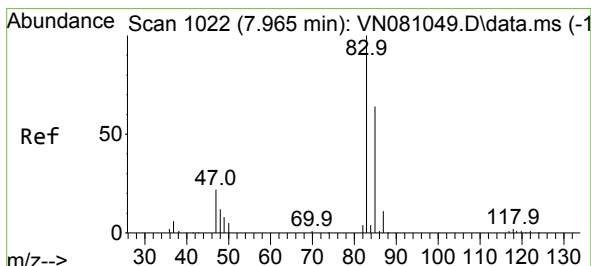
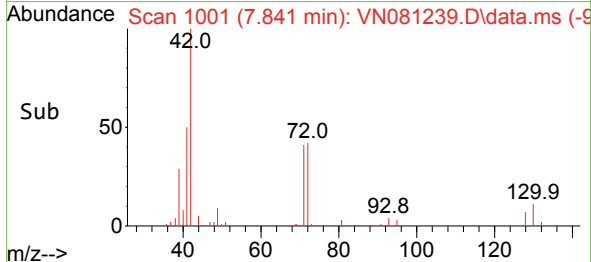
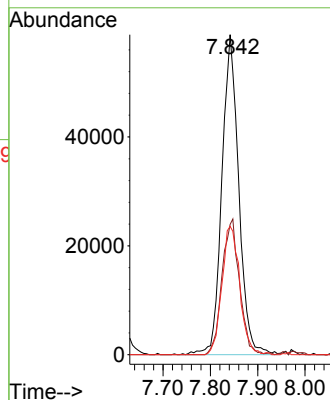
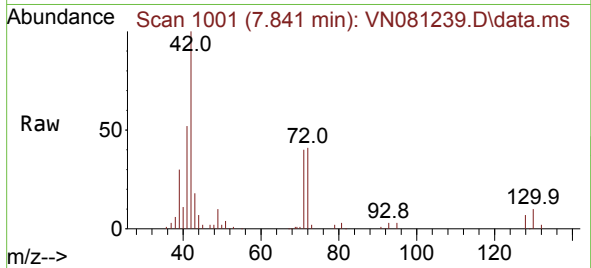




#29
Tetrahydrofuran
Concen: 102.291 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

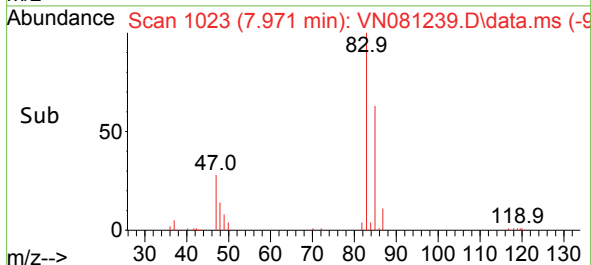
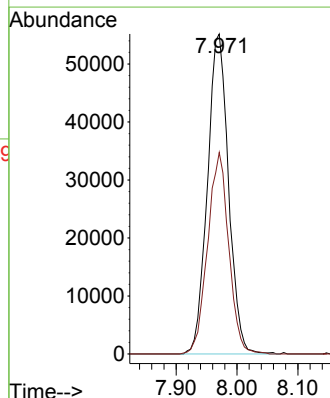
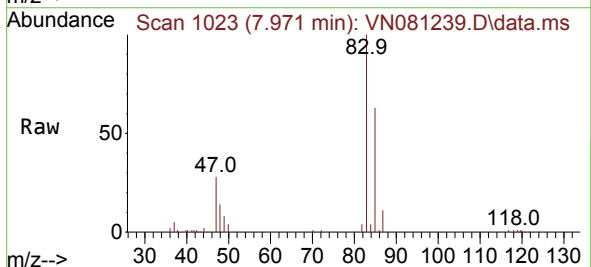
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

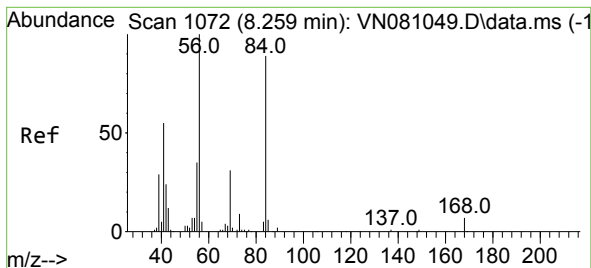
Tgt Ion: 42 Resp: 145649
Ion Ratio Lower Upper
42 100
72 43.7 31.1 46.7
71 42.2 28.3 42.5



#30
Chloroform
Concen: 20.696 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 83 Resp: 132559
Ion Ratio Lower Upper
83 100
85 63.0 51.0 76.6





#31

Cyclohexane

Concen: 18.123 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS01

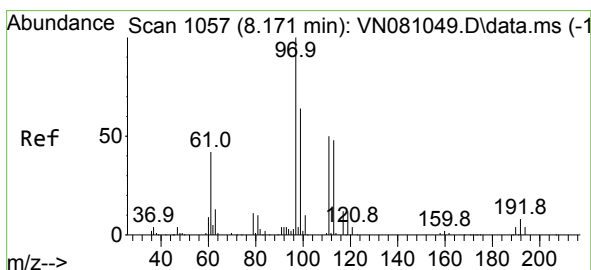
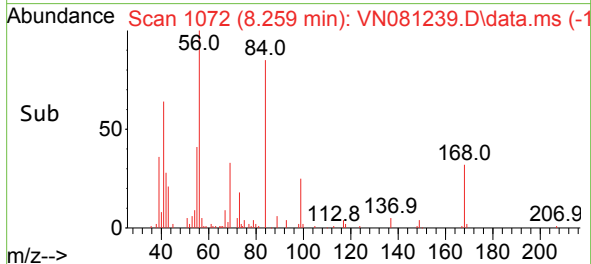
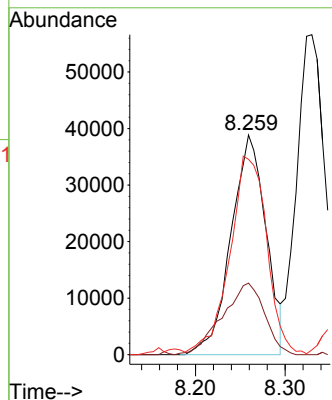
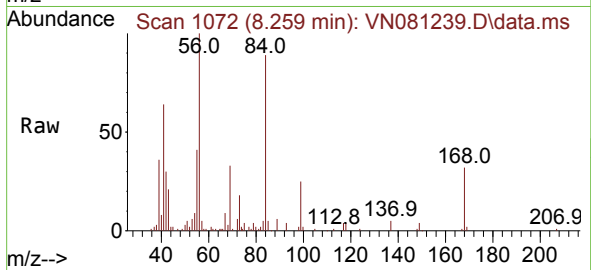
Tgt Ion: 56 Resp: 104999

Ion Ratio Lower Upper

56 100

69 31.9 20.1 30.1#

84 86.7 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 19.401 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

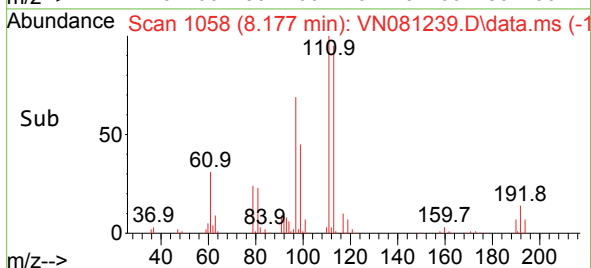
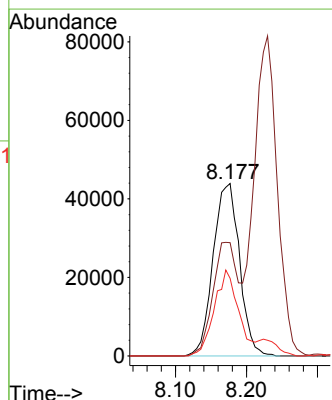
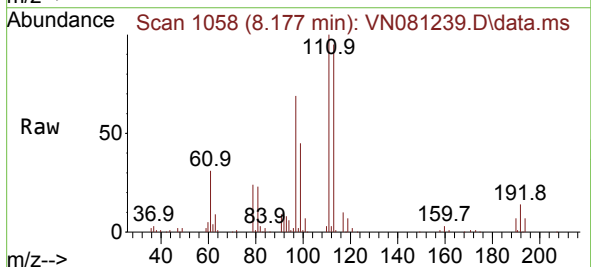
Tgt Ion: 97 Resp: 113169

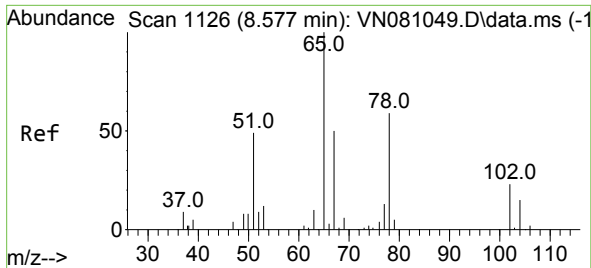
Ion Ratio Lower Upper

97 100

99 64.7 53.4 80.0

61 46.0 43.8 65.8

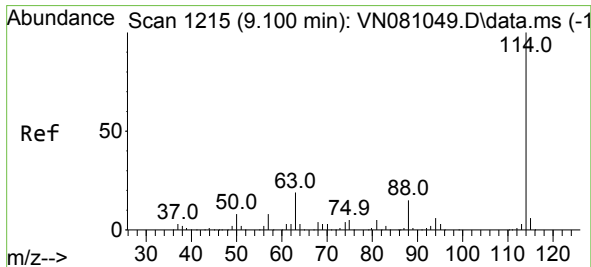
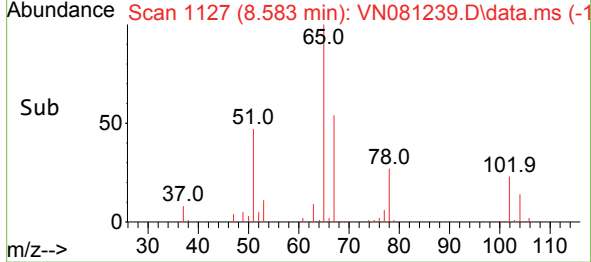
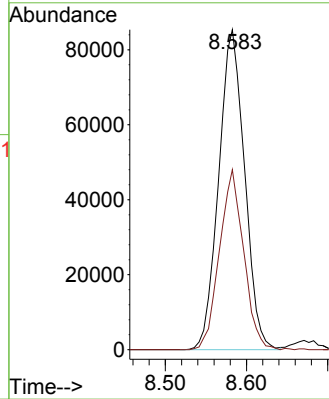
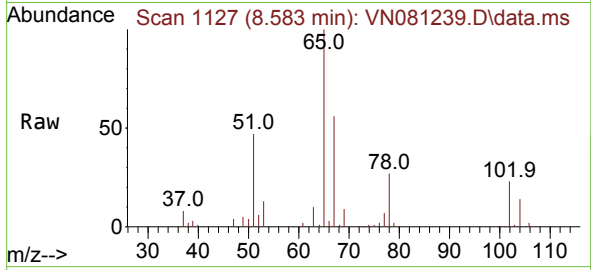




#33
1,2-Dichloroethane-d4
Concen: 56.338 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

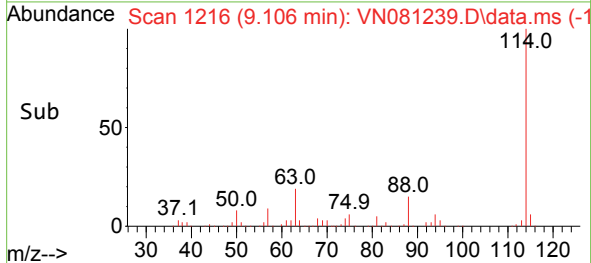
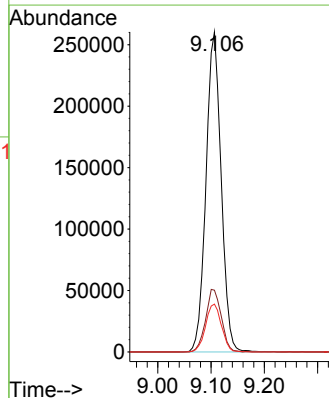
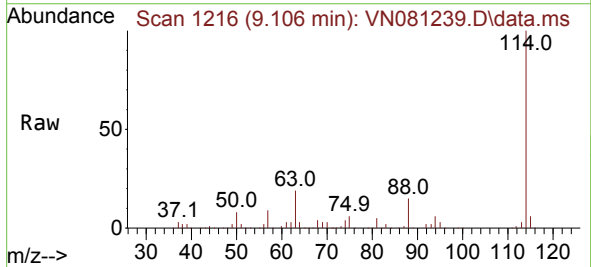
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

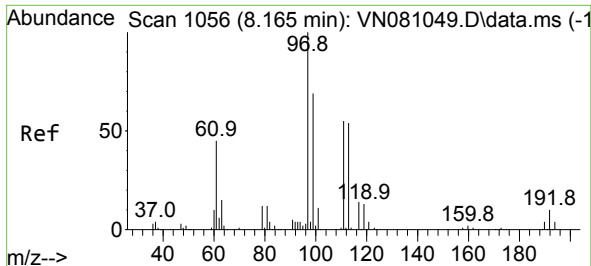
Tgt Ion: 65 Resp: 189038
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 114 Resp: 513795
Ion Ratio Lower Upper
114 100
63 19.3 0.0 48.0
88 15.0 0.0 34.8

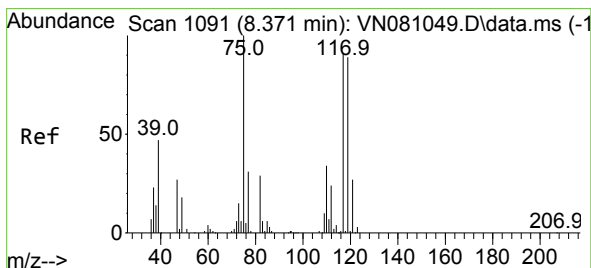
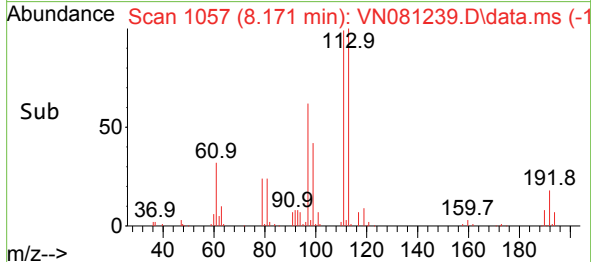
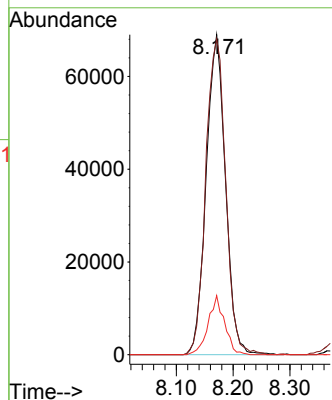
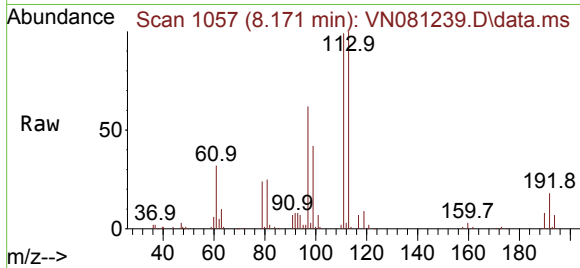




#35
Dibromofluoromethane
Concen: 55.872 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

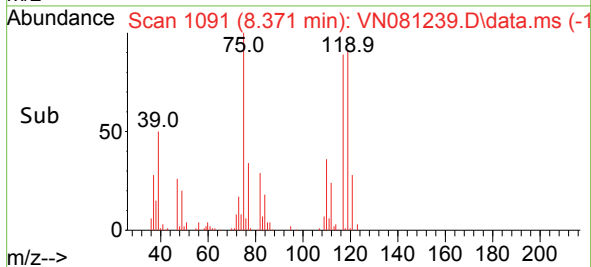
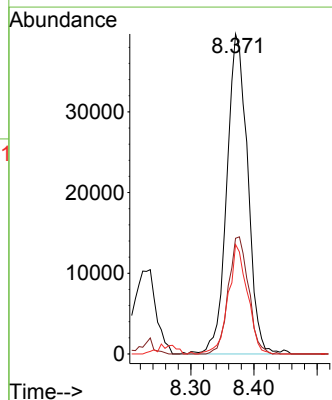
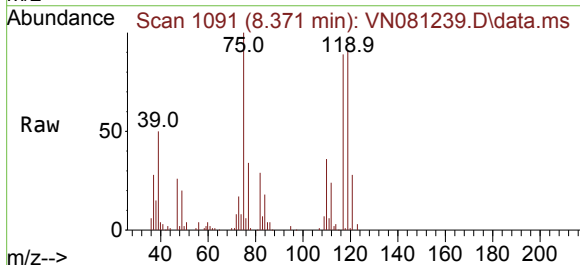
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

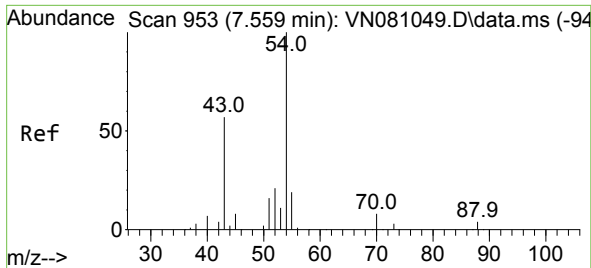
Tgt Ion:113 Resp: 162327
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 15.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.259 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 75 Resp: 90884
Ion Ratio Lower Upper
75 100
110 35.4 16.0 48.0
77 31.5 25.8 38.6

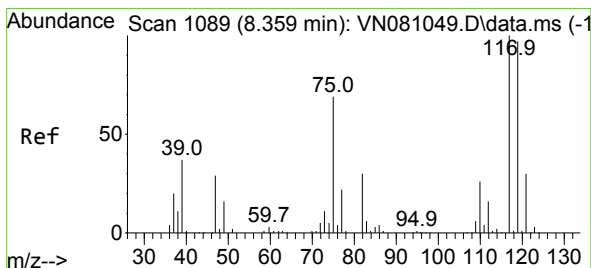
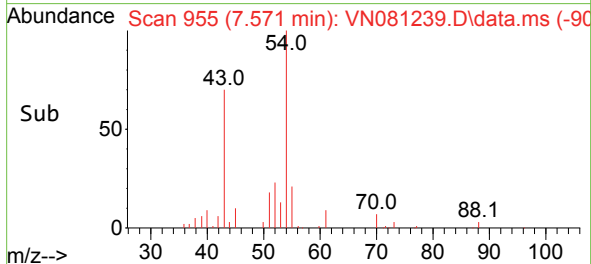
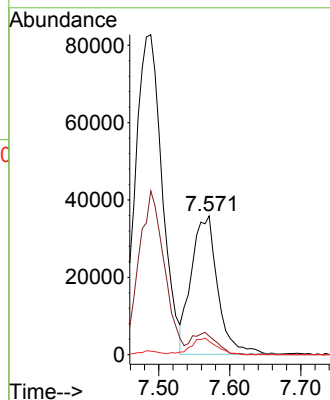
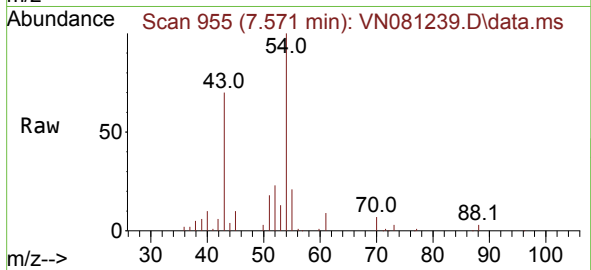




#37
Ethyl Acetate
Concen: 20.530 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

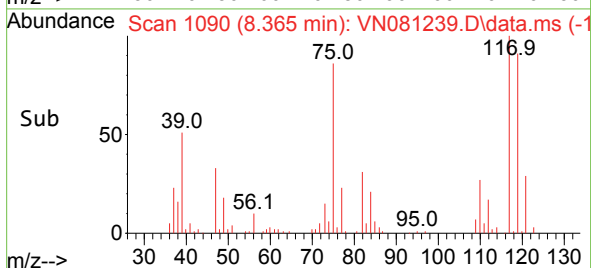
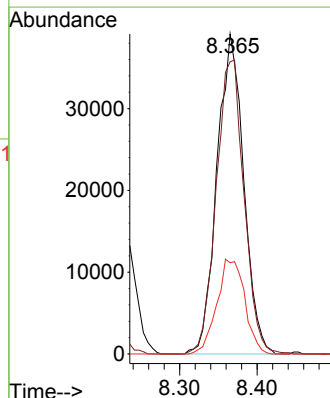
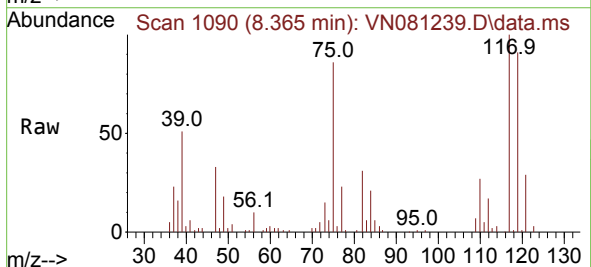
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

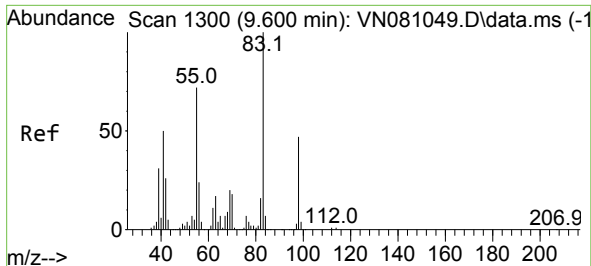
Tgt Ion: 43	Resp:	92225
Ion	Ratio	Lower Upper
43	100	
61	15.3	10.6 15.8
70	11.6	8.0 12.0



#38
Carbon Tetrachloride
Concen: 18.619 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 117	Resp:	93765
Ion	Ratio	Lower Upper
117	100	
119	91.3	73.4 110.2
121	28.5	24.4 36.6

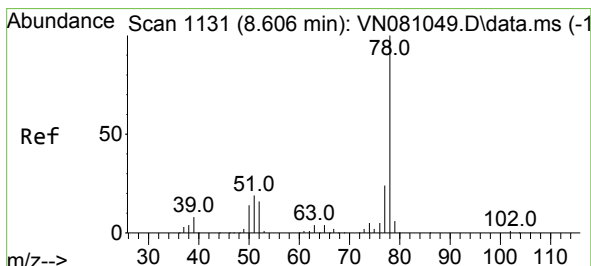
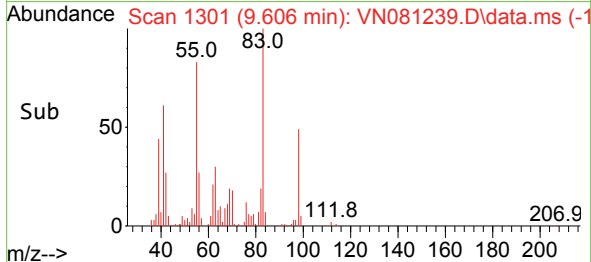
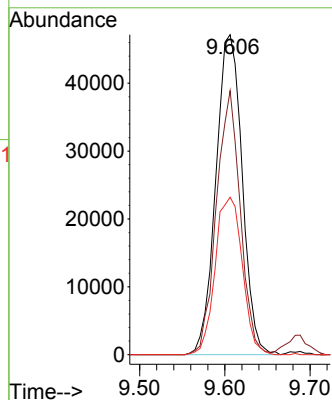
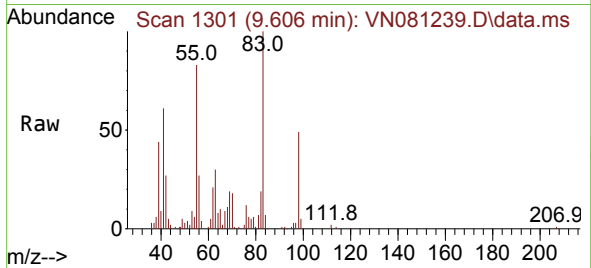




#39
Methylcyclohexane
Concen: 17.437 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

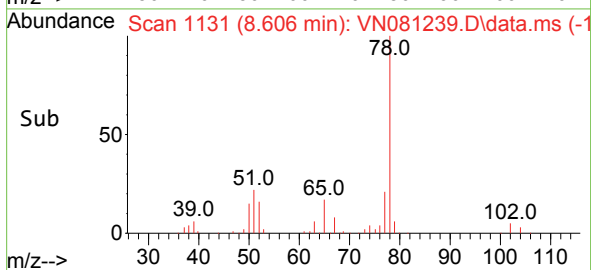
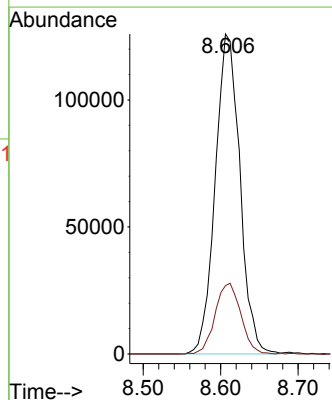
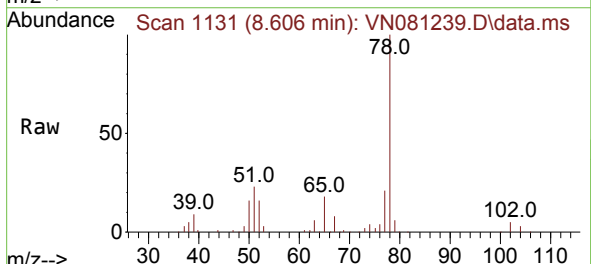
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

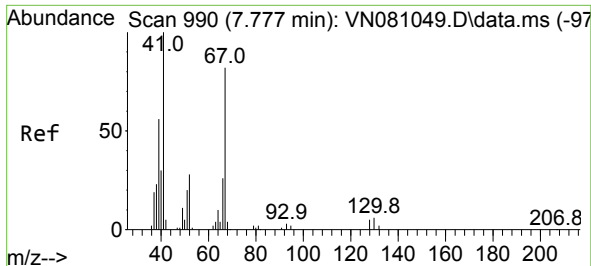
Tgt Ion: 83 Resp: 101173
Ion Ratio Lower Upper
83 100
55 82.5 65.7 98.5
98 49.2 33.8 50.6



#40
Benzene
Concen: 19.324 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 78 Resp: 278402
Ion Ratio Lower Upper
78 100
77 21.4 20.4 30.6

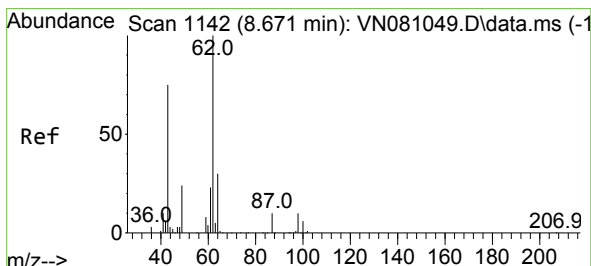
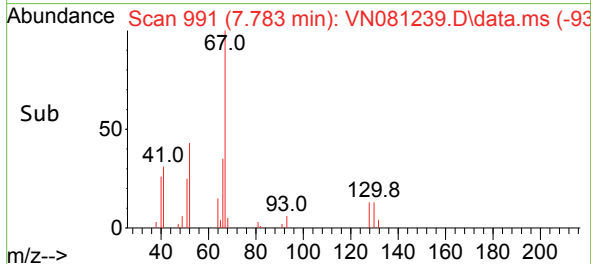
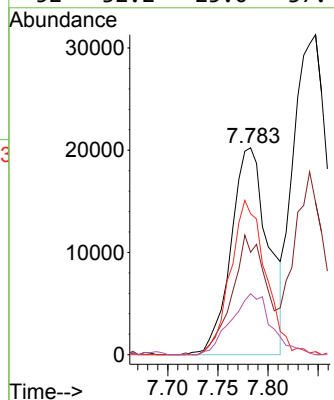
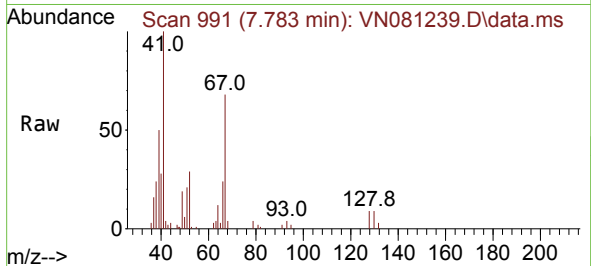




#41
Methacrylonitrile
Concen: 20.382 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

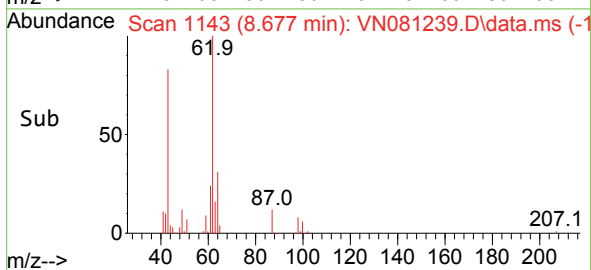
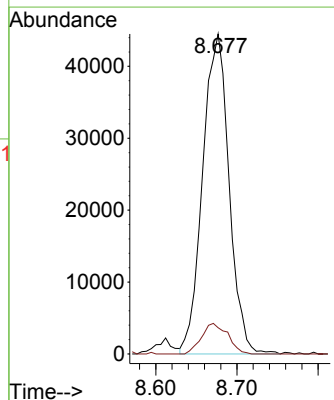
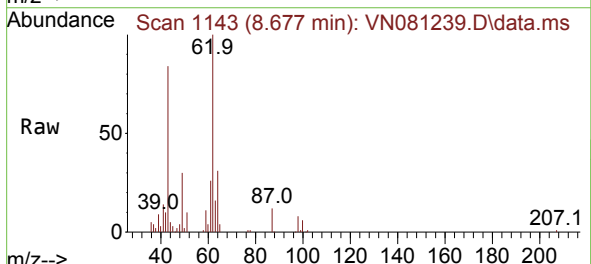
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

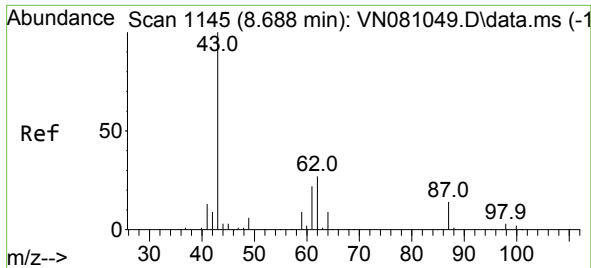
Tgt Ion:	41	Resp:	52109
Ion	Ratio	Lower	Upper
41	100		
39	51.5	48.4	72.6
67	71.0	56.8	85.2
52	32.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 20.028 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:	62	Resp:	100669
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.0

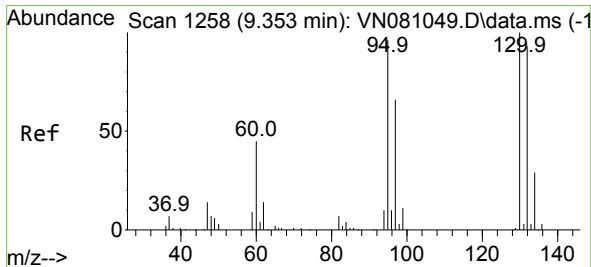
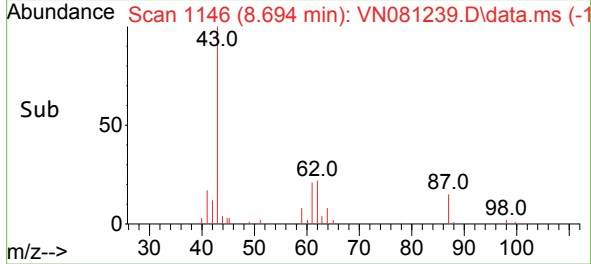
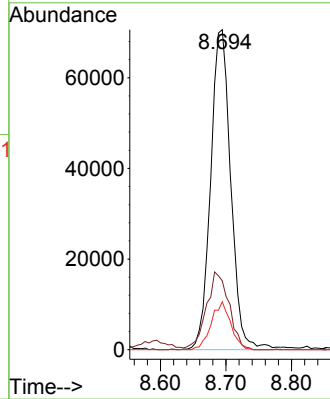
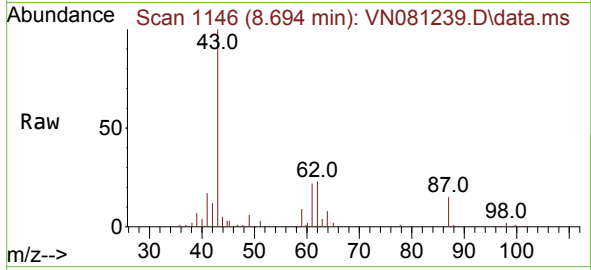




#43
Isopropyl Acetate
Concen: 19.185 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

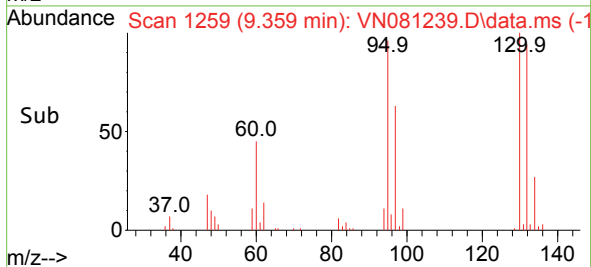
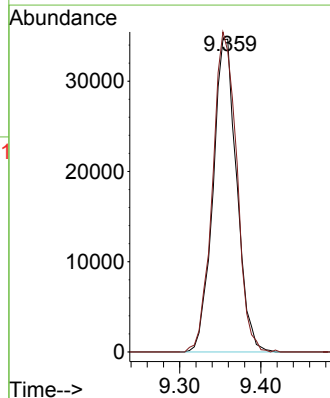
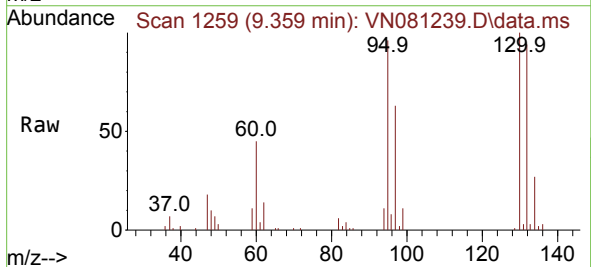
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

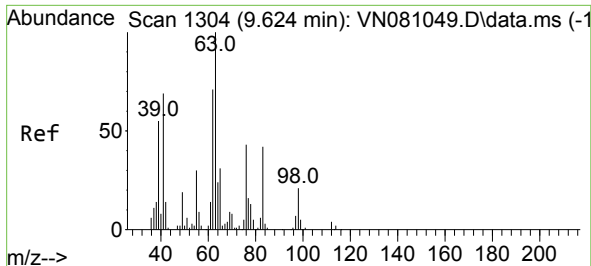
Tgt Ion: 43 Resp: 150726
Ion Ratio Lower Upper
43 100
61 27.2 19.9 29.9
87 14.4 9.0 13.6#



#44
Trichloroethene
Concen: 18.370 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:130 Resp: 70493
Ion Ratio Lower Upper
130 100
95 96.2 0.0 210.4

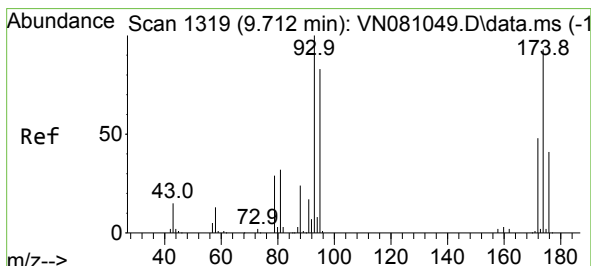
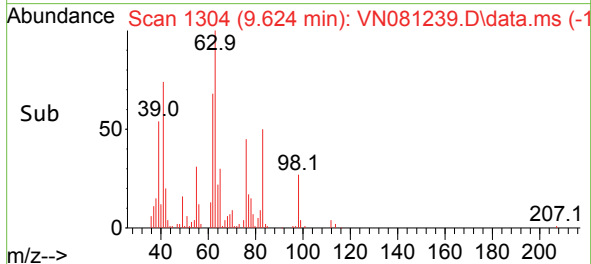
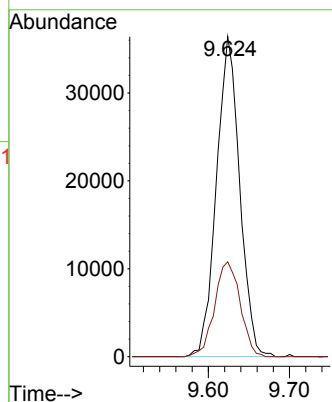
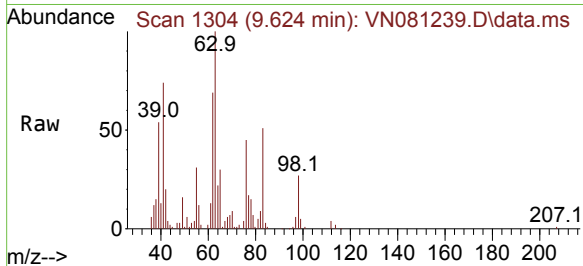




#45
1,2-Dichloropropane
Concen: 20.098 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

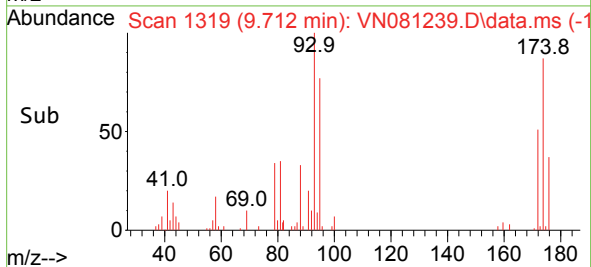
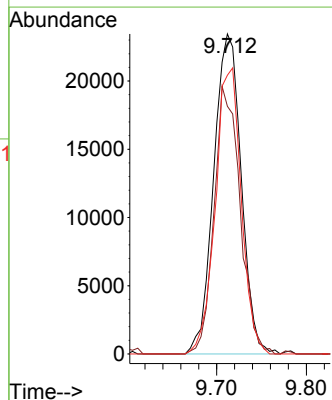
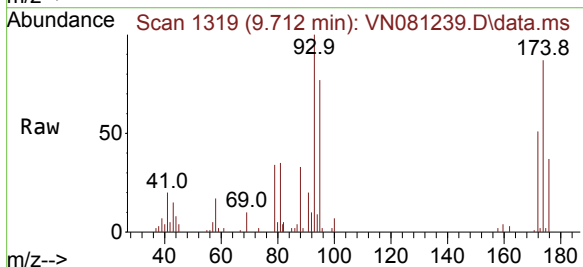
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

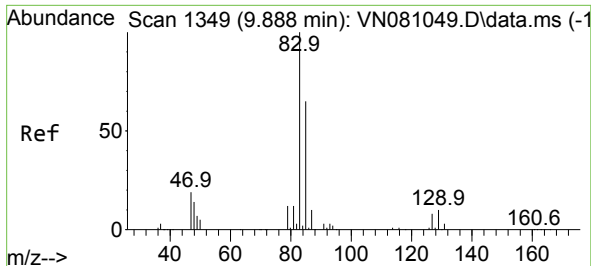
Tgt Ion: 63 Resp: 72433
Ion Ratio Lower Upper
63 100
65 29.7 26.1 39.1



#46
Dibromomethane
Concen: 18.982 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 93 Resp: 49845
Ion Ratio Lower Upper
93 100
95 79.3 68.1 102.1
174 84.4 57.2 85.8

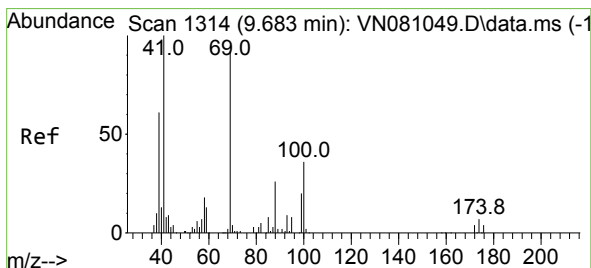
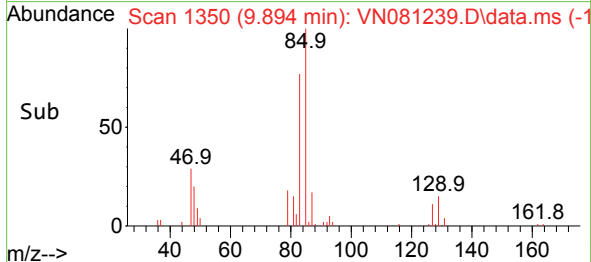
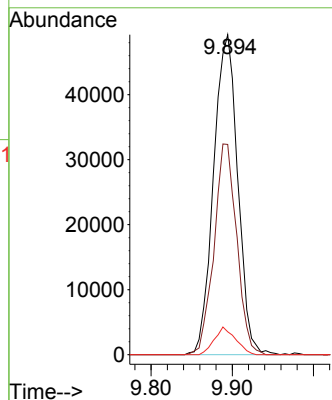
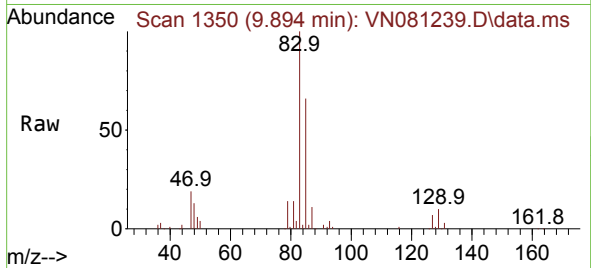




#47
Bromodichloromethane
Concen: 20.462 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

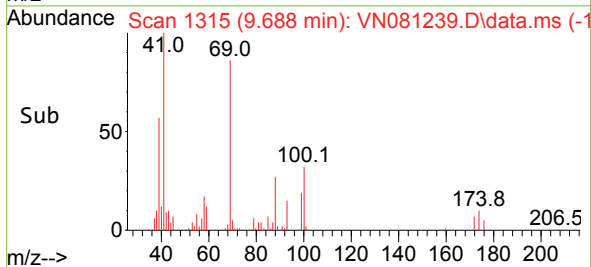
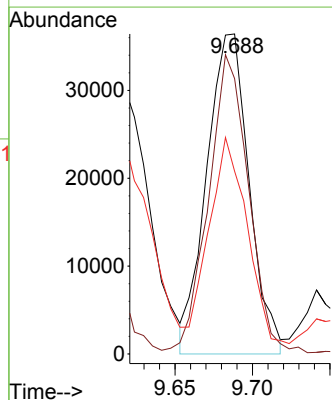
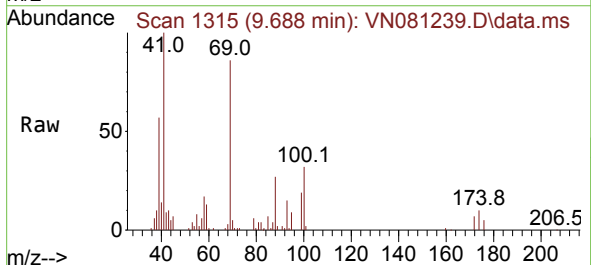
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

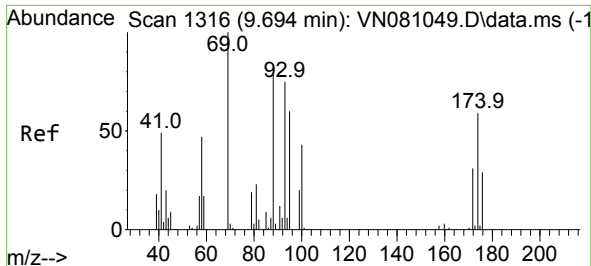
Tgt Ion: 83 Resp: 101763
Ion Ratio Lower Upper
83 100
85 65.7 52.3 78.5
127 7.2 4.6 7.0#



#48
Methyl methacrylate
Concen: 18.985 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 41 Resp: 69405
Ion Ratio Lower Upper
41 100
69 87.6 62.2 93.2
39 64.5 47.6 71.4

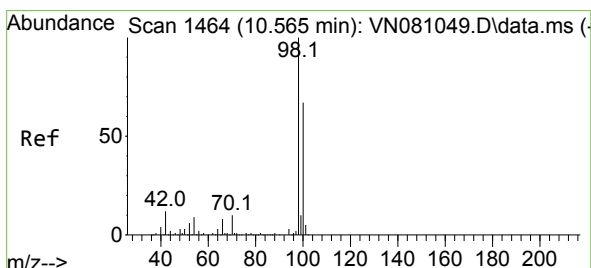
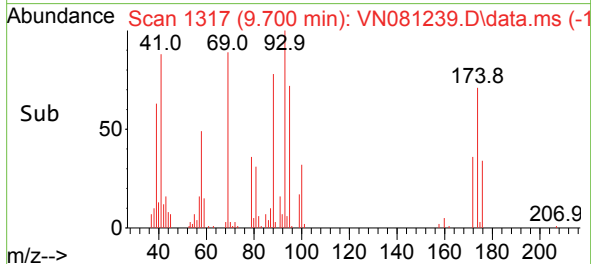
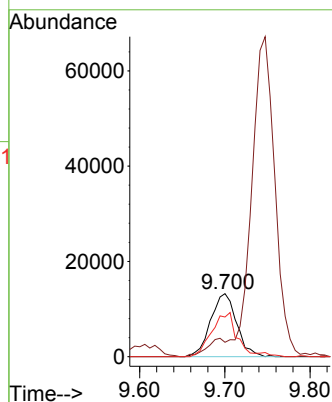
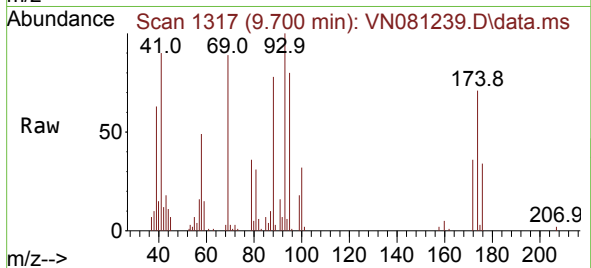




#49
1,4-Dioxane
Concen: 393.375 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

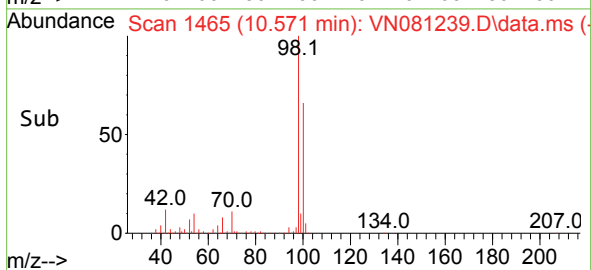
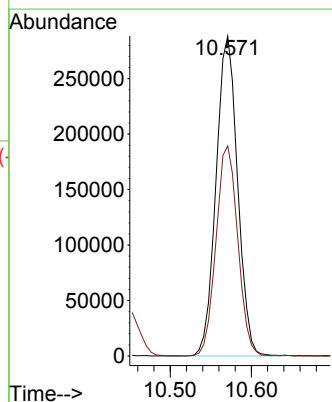
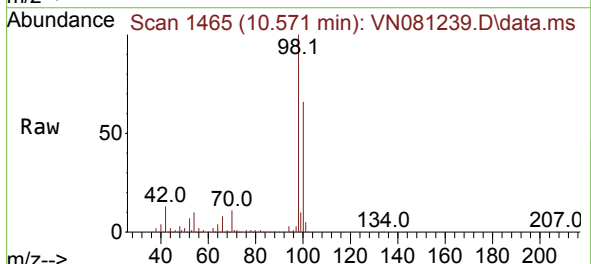
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

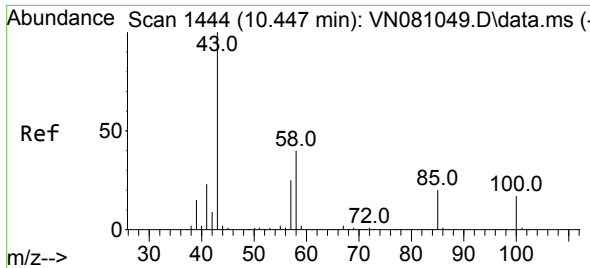
Tgt Ion: 88 Resp: 28093
Ion Ratio Lower Upper
88 100
43 20.6 30.1 45.1#
58 69.7 63.9 95.9



#50
Toluene-d8
Concen: 51.474 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 98 Resp: 531165
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0

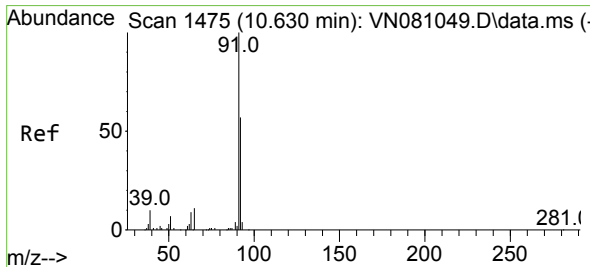
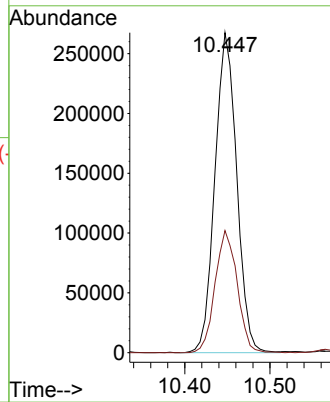
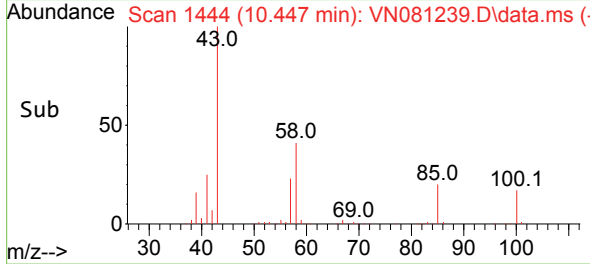
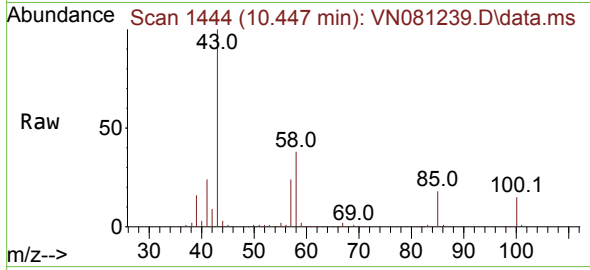




#51
4-Methyl-2-Pentanone
Concen: 105.370 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

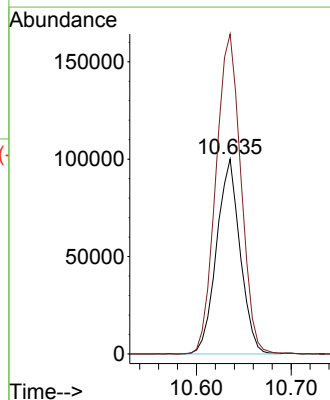
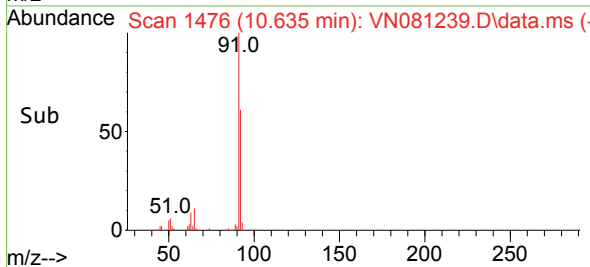
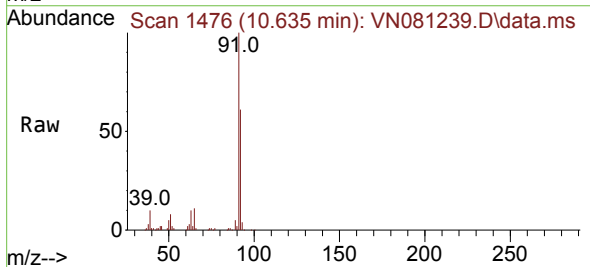
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

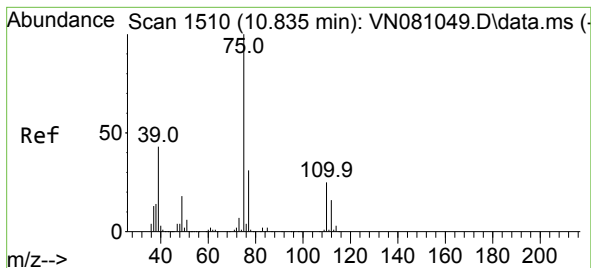
Tgt Ion: 43 Resp: 476225
Ion Ratio Lower Upper
43 100
58 38.7 29.4 44.0



#52
Toluene
Concen: 18.999 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 92 Resp: 173291
Ion Ratio Lower Upper
92 100
91 173.9 139.4 209.0

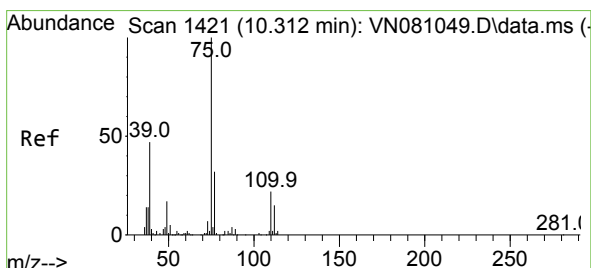
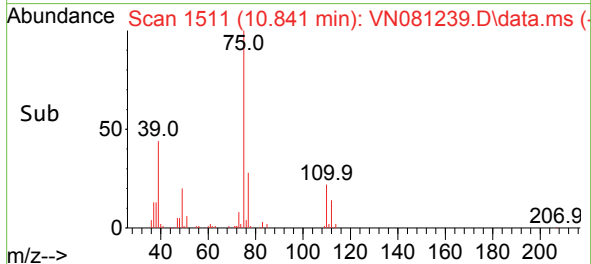
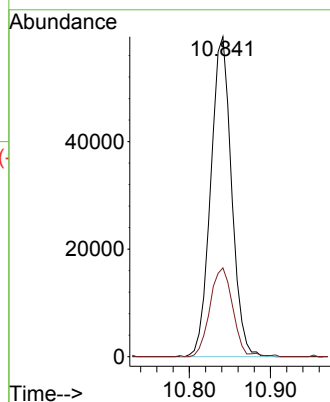
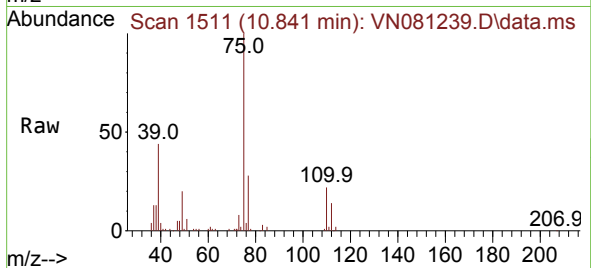




#53
 t-1,3-Dichloropropene
 Concen: 19.201 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

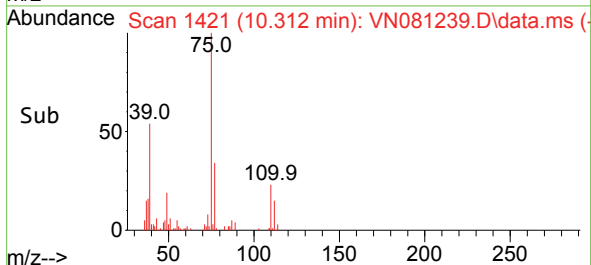
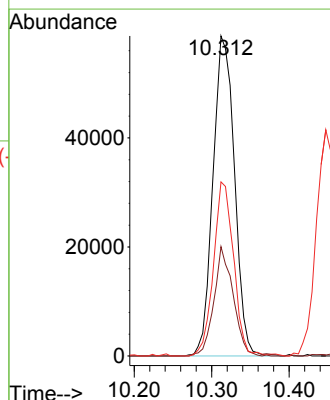
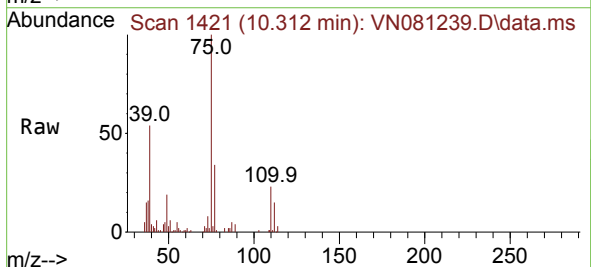
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS01

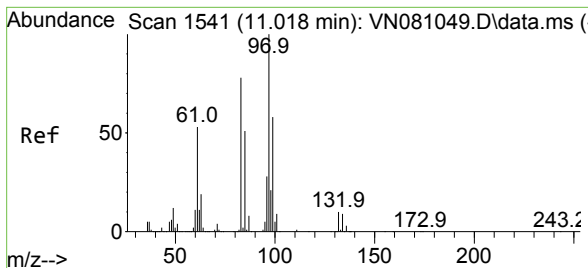
Tgt Ion: 75 Resp: 106114
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 18.961 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

Tgt Ion: 75 Resp: 113218
 Ion Ratio Lower Upper
 75 100
 77 34.2 23.3 34.9
 39 54.4 44.6 66.8



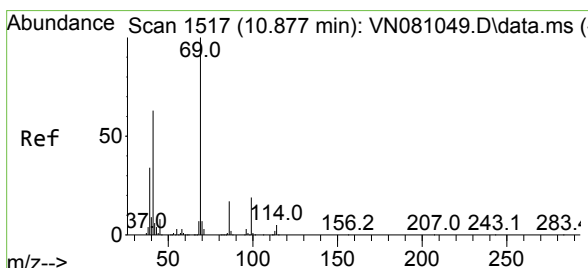
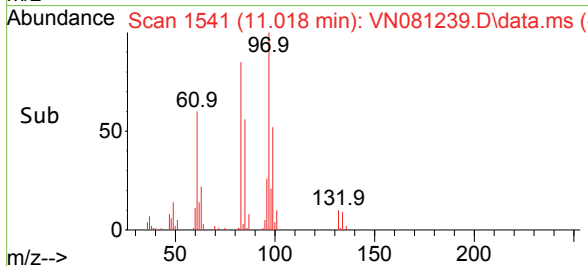
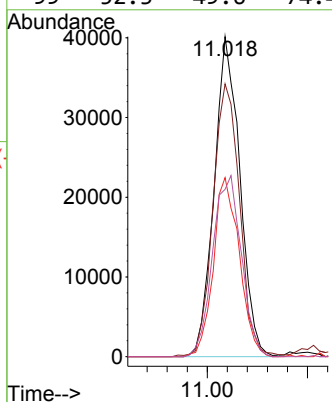
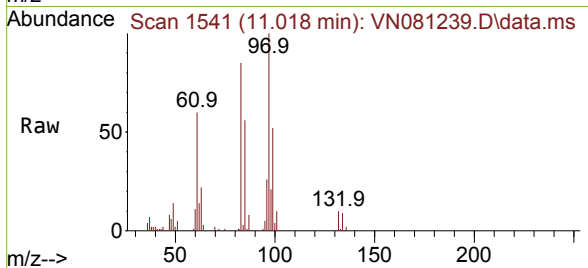


#55
1,1,2-Trichloroethane
Concen: 20.401 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

Tgt Ion: 97 Resp: 71567

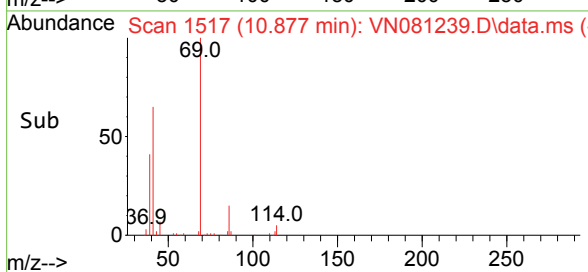
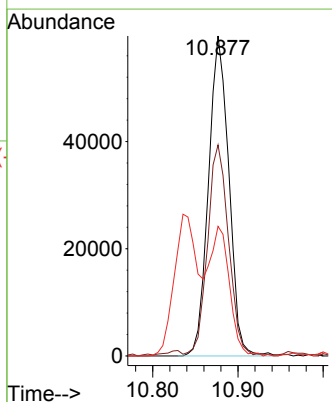
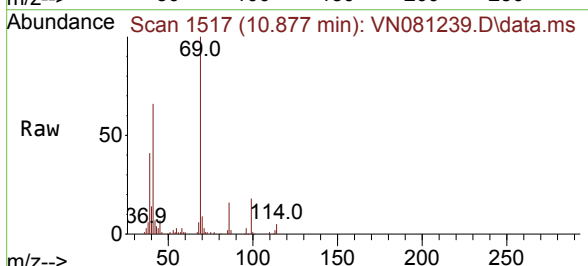
Ion	Ratio	Lower	Upper
97	100		
83	84.7	72.9	109.3
85	56.0	50.2	75.2
99	52.3	49.6	74.4

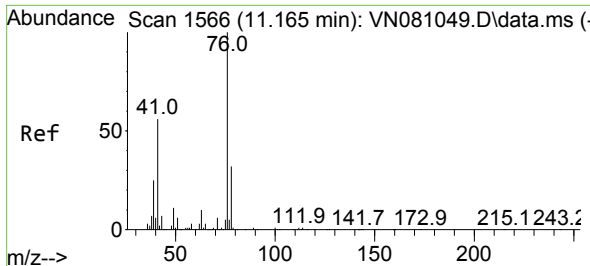


#56
Ethyl methacrylate
Concen: 18.488 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 69 Resp: 99123

Ion	Ratio	Lower	Upper
69	100		
41	68.4	61.0	91.6
39	40.3	31.8	47.6





#57

1,3-Dichloropropane

Concen: 20.145 ug/l

RT: 11.165 min Scan# 1119

Delta R.T. 0.000 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

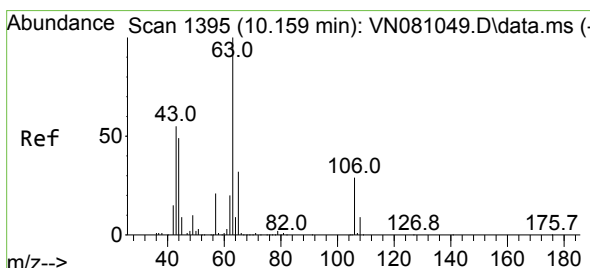
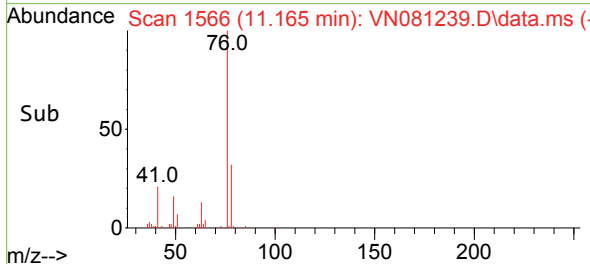
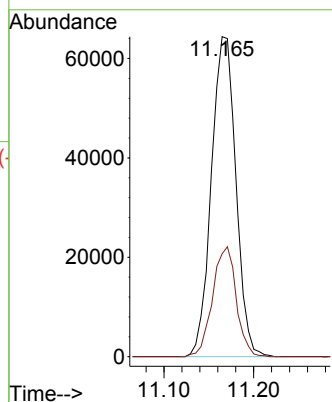
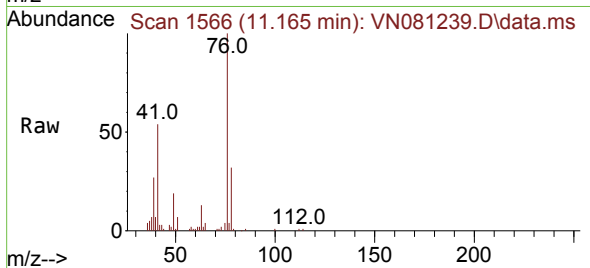
VN0228WBS01

Tgt Ion: 76 Resp: 122193

Ion Ratio Lower Upper

76 100

78 33.2 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 55.996 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081239.D

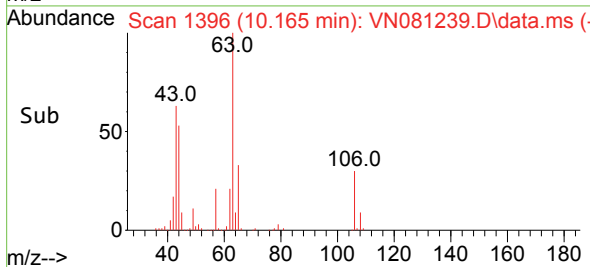
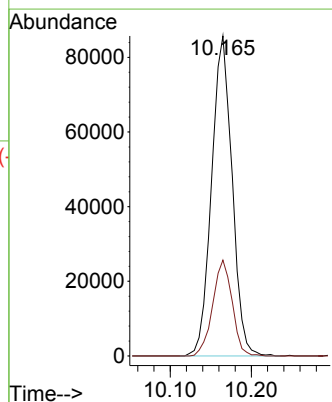
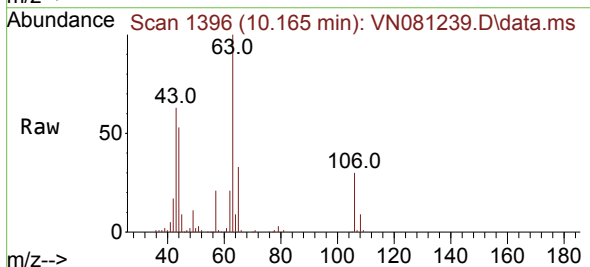
Acq: 28 Feb 2024 13:30

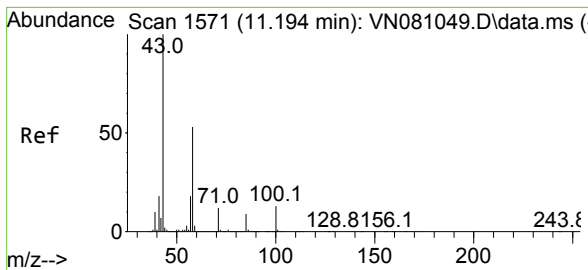
Tgt Ion: 63 Resp: 150634

Ion Ratio Lower Upper

63 100

106 28.4 18.6 28.0#

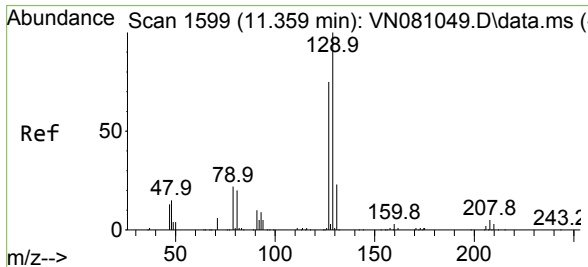
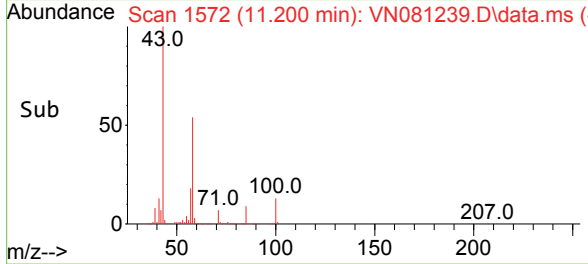
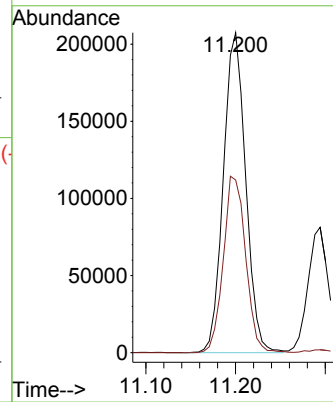
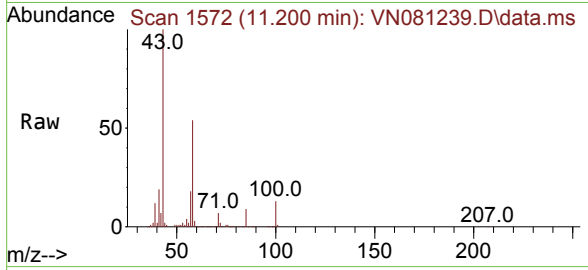




#59
2-Hexanone
Concen: 99.947 ug/l
RT: 11.200 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

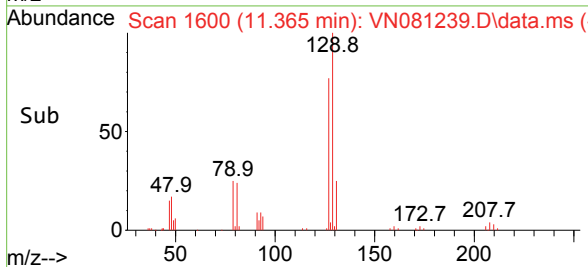
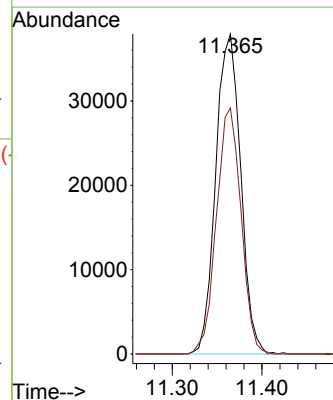
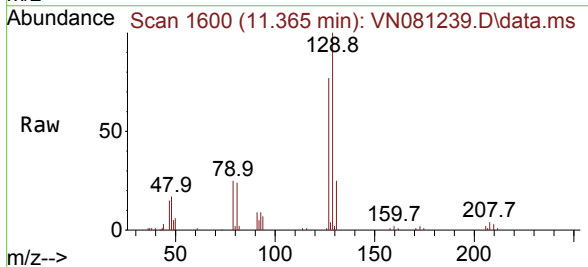
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

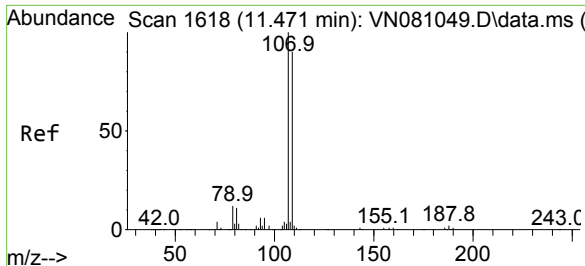
Tgt Ion: 43 Resp: 358121
Ion Ratio Lower Upper
43 100
58 55.2 25.9 77.8



#60
Dibromochloromethane
Concen: 19.625 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 129 Resp: 73137
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.2

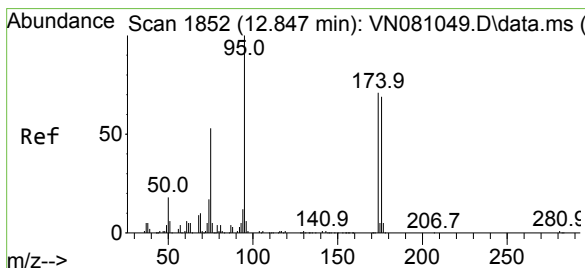
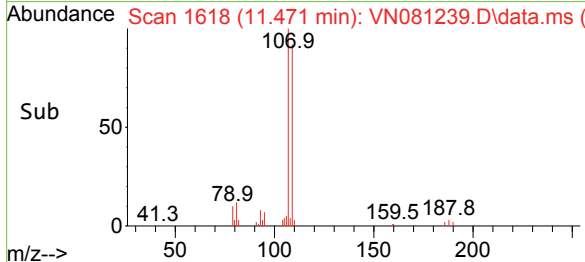
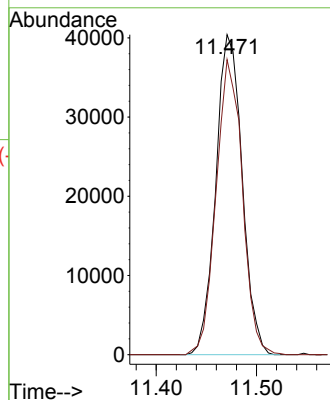
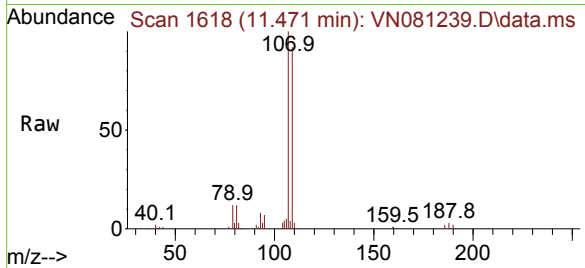




#61
1,2-Dibromoethane
Concen: 20.002 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

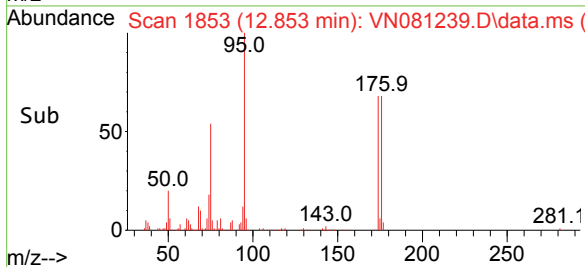
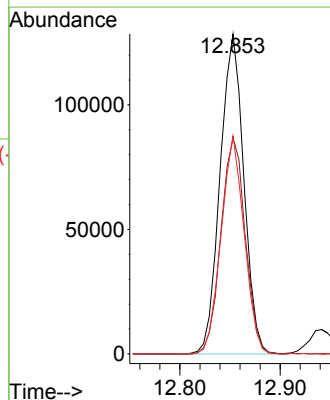
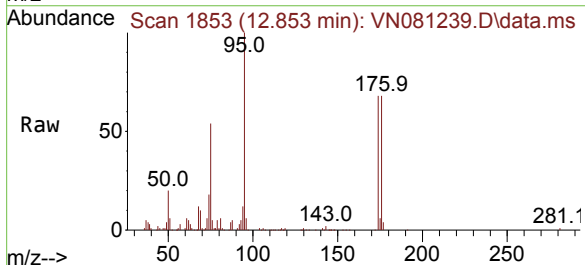
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

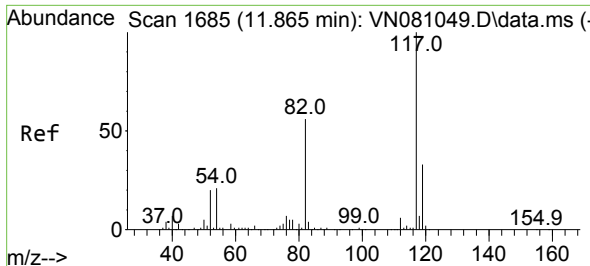
Tgt Ion:107 Resp: 73786
Ion Ratio Lower Upper
107 100
109 91.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 54.295 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 95 Resp: 210525
Ion Ratio Lower Upper
95 100
174 69.1 0.0 120.4
176 66.3 0.0 121.0

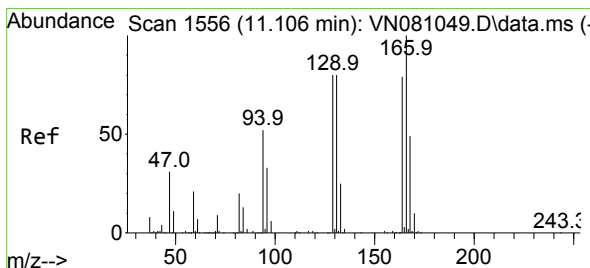
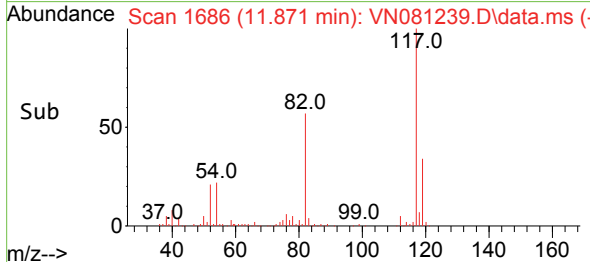
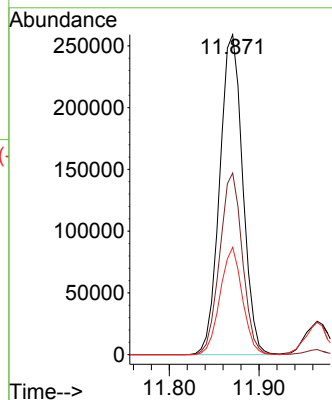
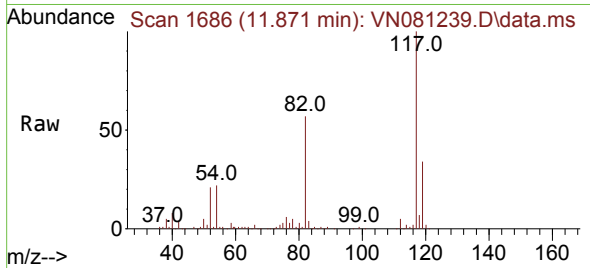




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

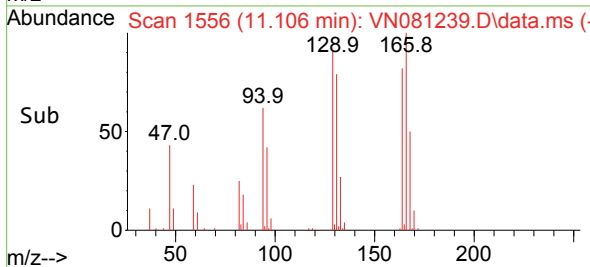
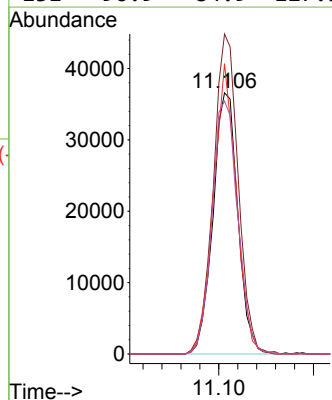
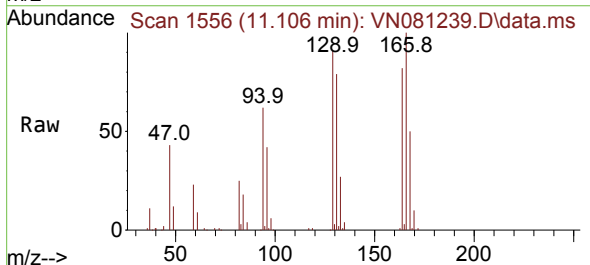
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

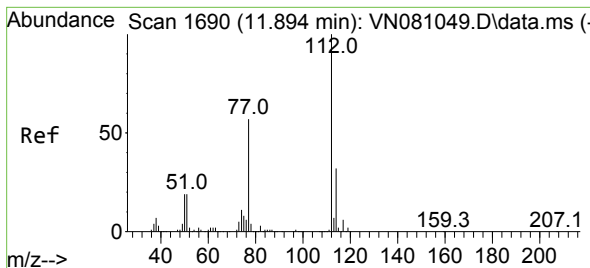
Tgt Ion:117 Resp: 461073
Ion Ratio Lower Upper
117 100
82 56.7 52.7 79.1
119 33.6 25.3 37.9



#64
Tetrachloroethene
Concen: 21.090 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:164 Resp: 66366
Ion Ratio Lower Upper
164 100
166 122.5 105.8 158.6
129 111.2 89.6 134.4
131 96.9 84.9 127.3

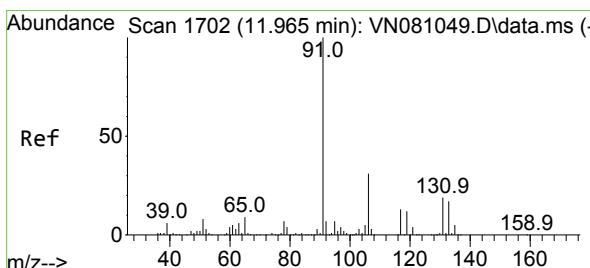
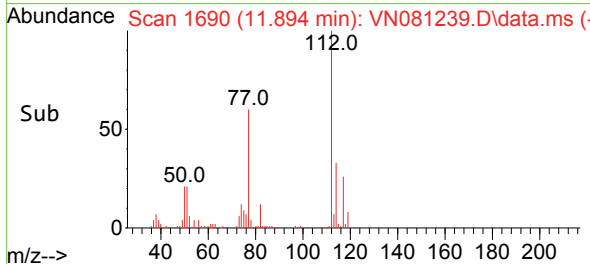
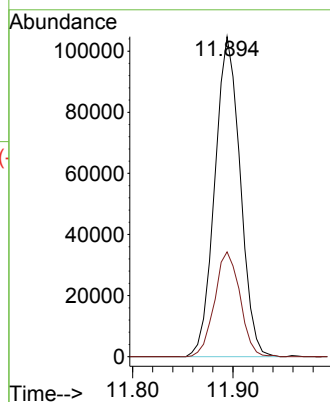
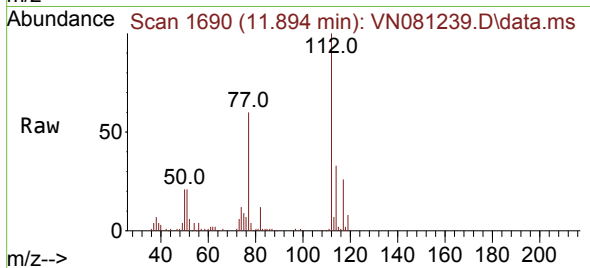




#65
Chlorobenzene
Concen: 18.456 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

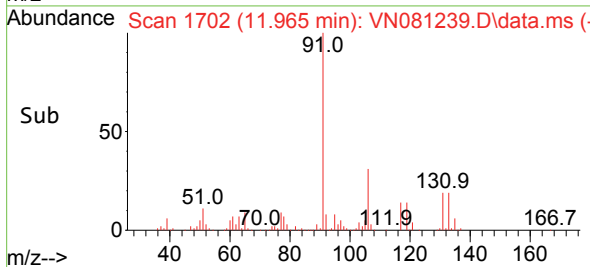
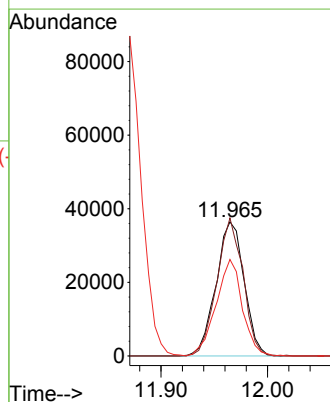
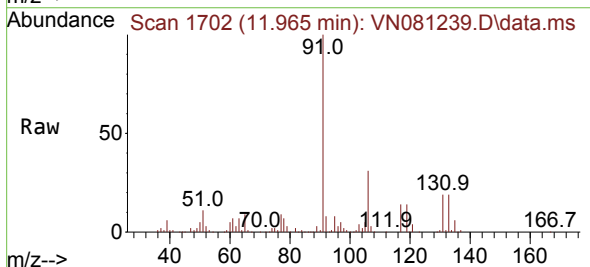
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

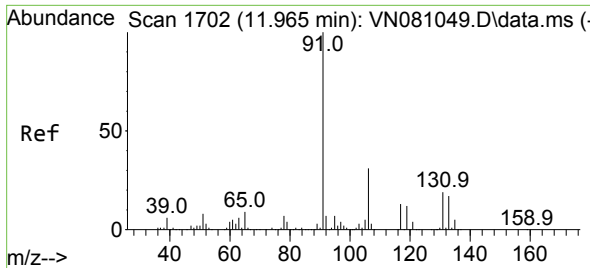
Tgt Ion:112 Resp: 184170
Ion Ratio Lower Upper
112 100
114 32.8 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.661 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:131 Resp: 66887
Ion Ratio Lower Upper
131 100
133 95.7 46.8 140.3
119 67.2 34.6 103.9

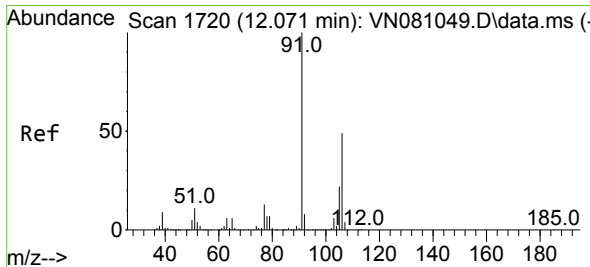
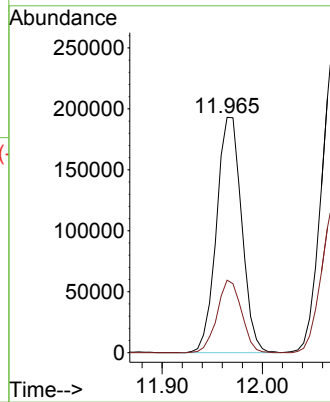
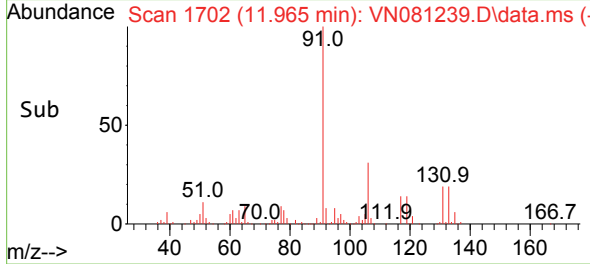
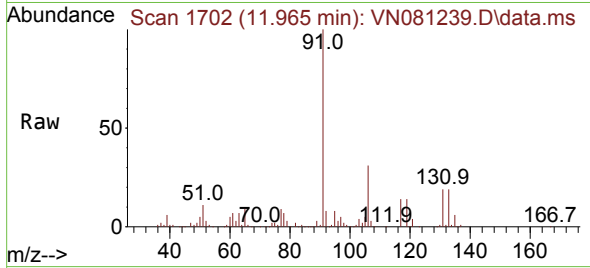




#67
Ethyl Benzene
Concen: 18.877 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

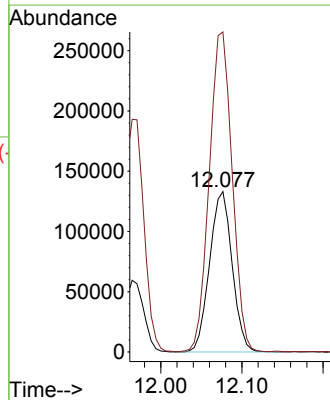
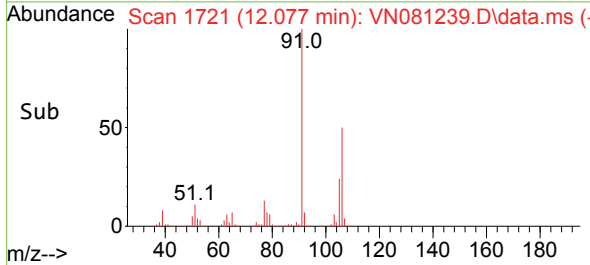
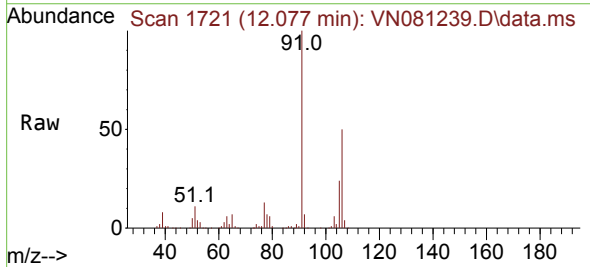
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

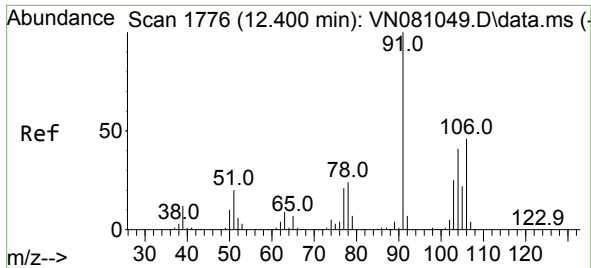
Tgt Ion: 91 Resp: 337085
Ion Ratio Lower Upper
91 100
106 30.8 23.8 35.6



#68
m/p-Xylenes
Concen: 37.537 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:106 Resp: 256920
Ion Ratio Lower Upper
106 100
91 202.9 169.0 253.6

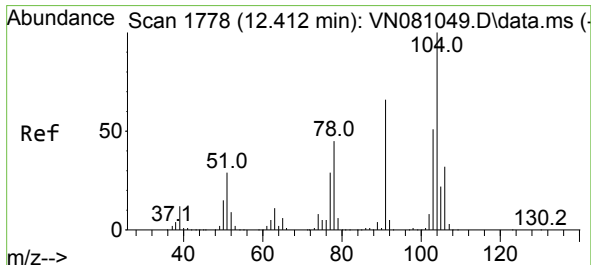
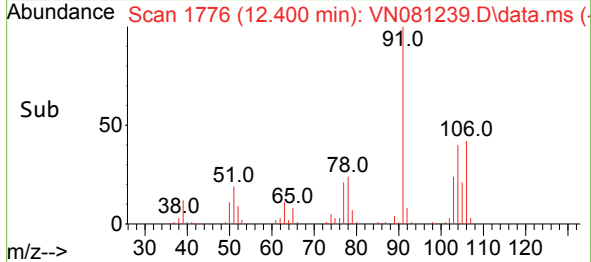
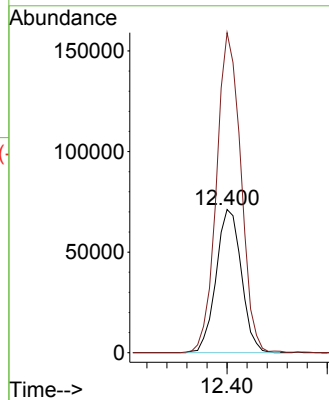
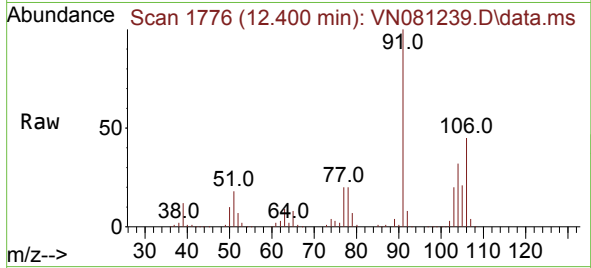




#69
o-Xylene
Concen: 18.340 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

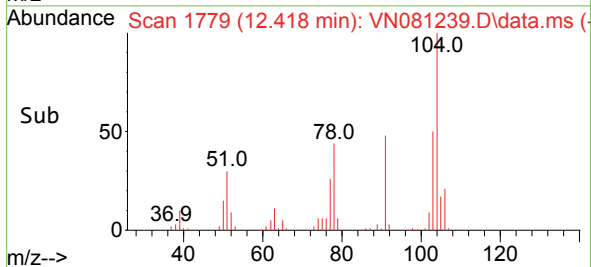
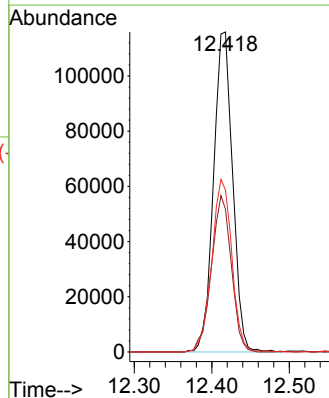
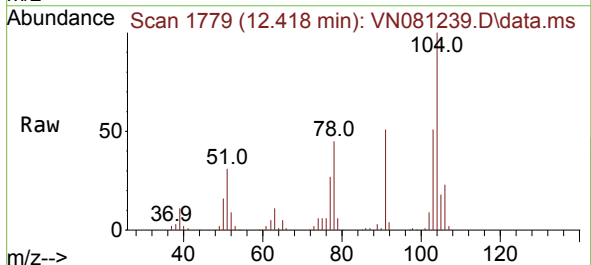
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

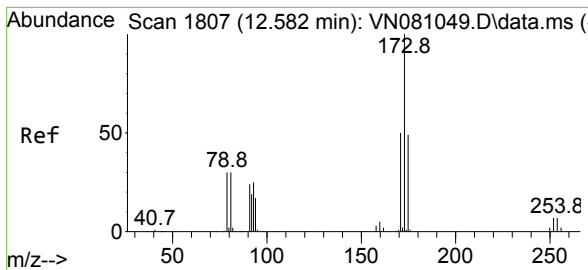
Tgt Ion:106 Resp: 124432
Ion Ratio Lower Upper
106 100
91 216.2 112.1 336.3



#70
Styrene
Concen: 18.482 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:104 Resp: 198701
Ion Ratio Lower Upper
104 100
78 50.6 43.8 65.8
103 56.6 44.2 66.2





#71

Bromoform

Concen: 19.249 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS01

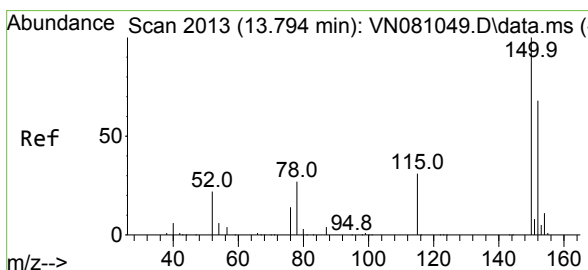
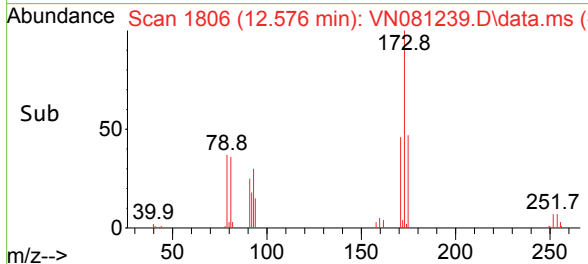
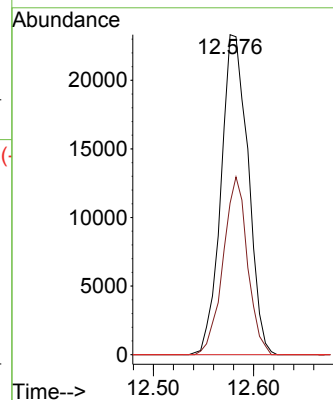
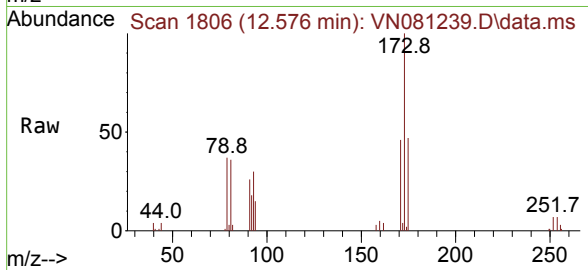
Tgt Ion:173 Resp: 43771

Ion Ratio Lower Upper

173 100

175 50.0 23.1 69.2

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: VN081239.D

Acq: 28 Feb 2024 13:30

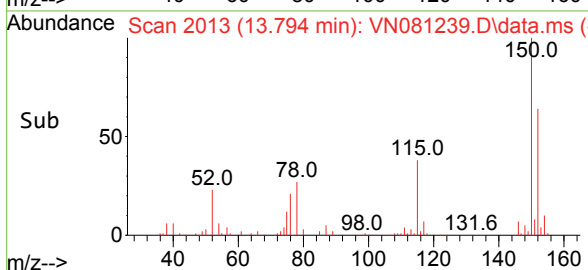
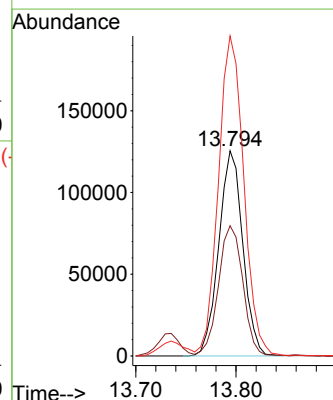
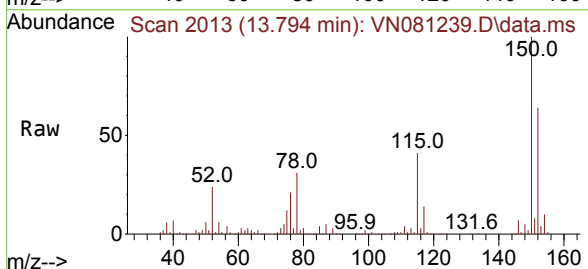
Tgt Ion:152 Resp: 208913

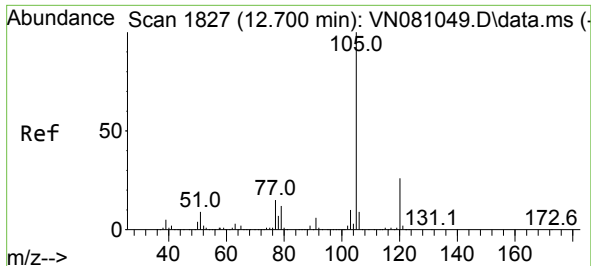
Ion Ratio Lower Upper

152 100

115 64.5 32.3 96.8

150 164.9 0.0 339.8

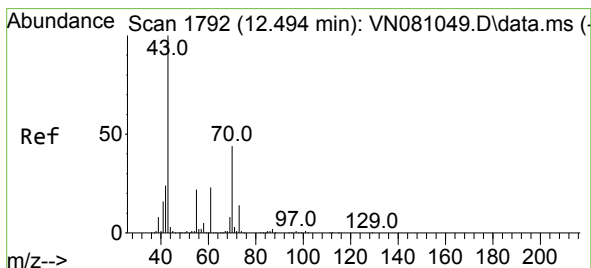
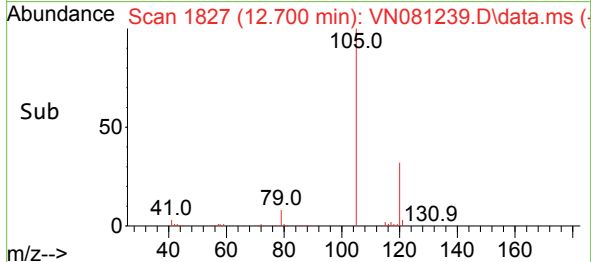
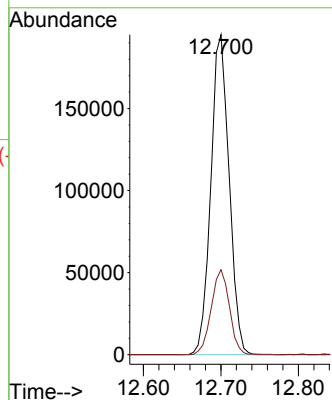
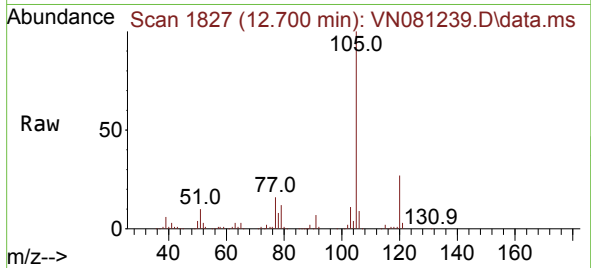




#73
Isopropylbenzene
Concen: 17.497 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

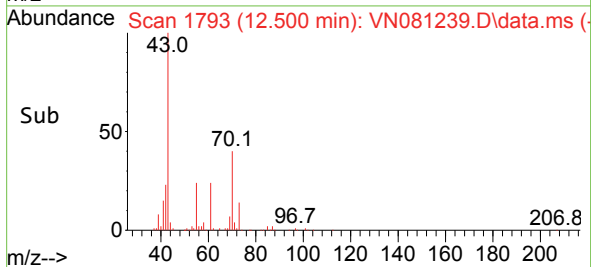
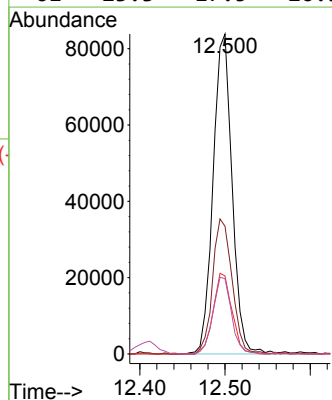
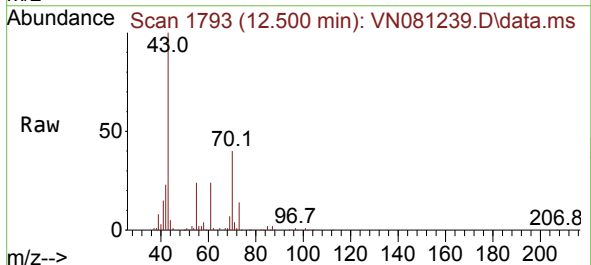
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

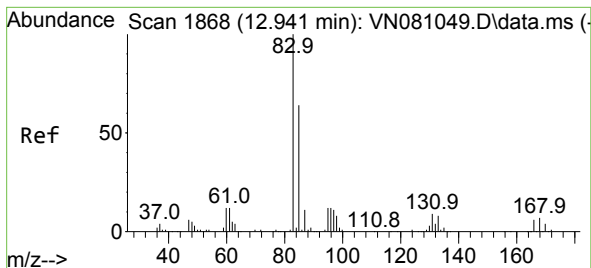
Tgt Ion:105 Resp: 319819
Ion Ratio Lower Upper
105 100
120 26.4 12.6 37.6



#74
N-ethyl acetate
Concen: 16.827 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 43 Resp: 129991
Ion Ratio Lower Upper
43 100
70 43.3 30.1 45.1
55 24.9 17.0 25.4
61 23.3 17.5 26.3

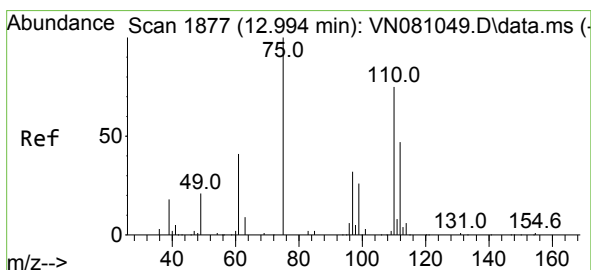
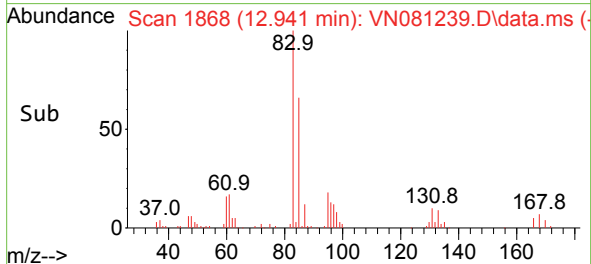
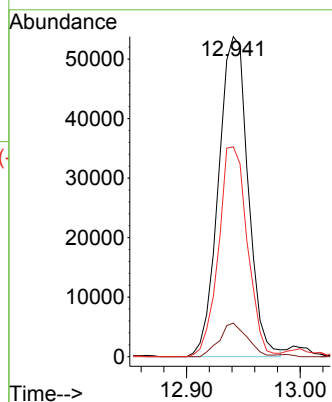
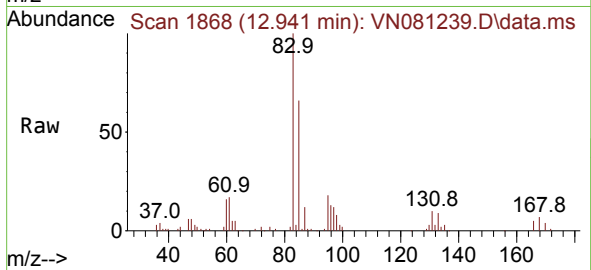




#75
1,1,2,2-Tetrachloroethane
Concen: 18.963 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

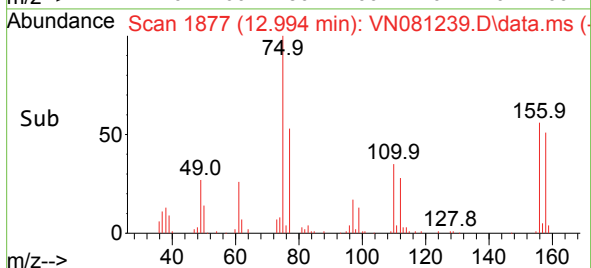
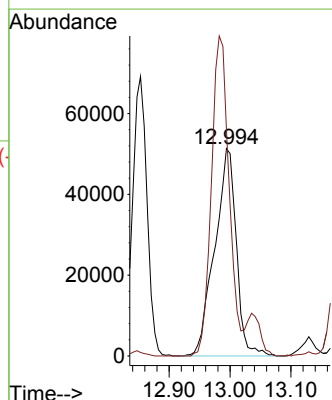
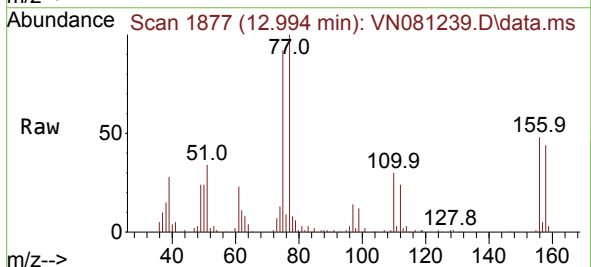
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

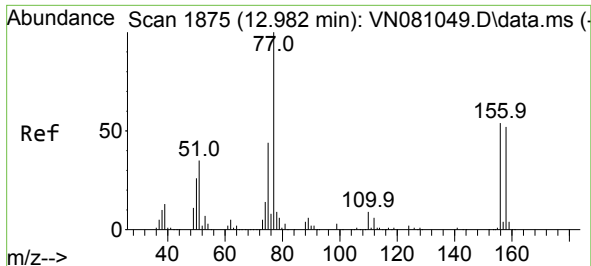
Tgt Ion: 83 Resp: 97466
Ion Ratio Lower Upper
83 100
131 9.9 4.1 12.3
85 63.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 26.657 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 75 Resp: 126530
Ion Ratio Lower Upper
75 100
77 125.7 91.0 272.8

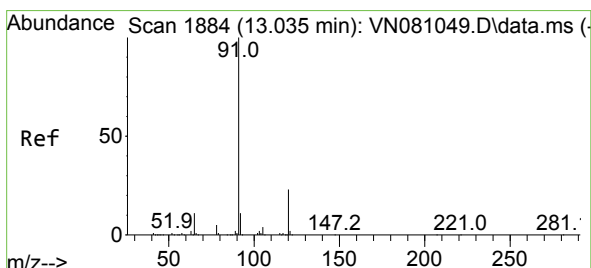
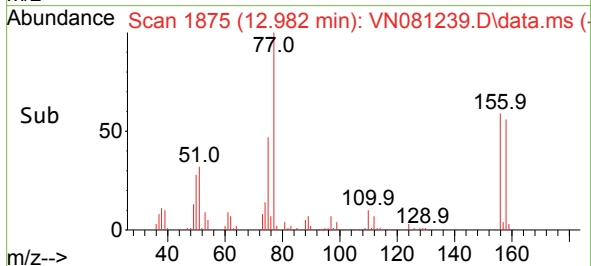
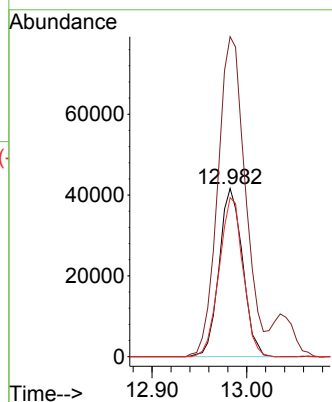
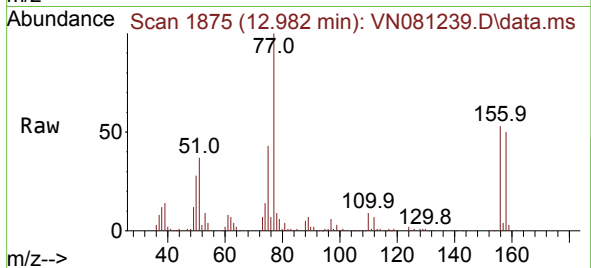




#77
Bromobenzene
Concen: 17.617 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

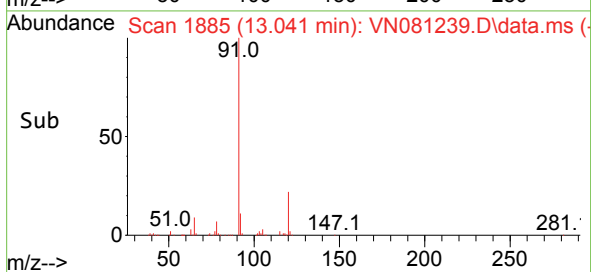
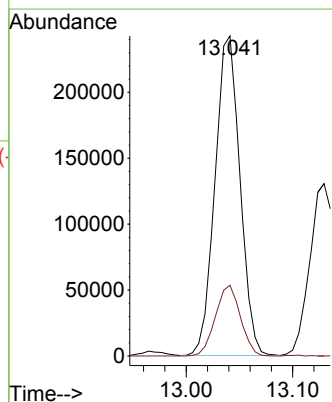
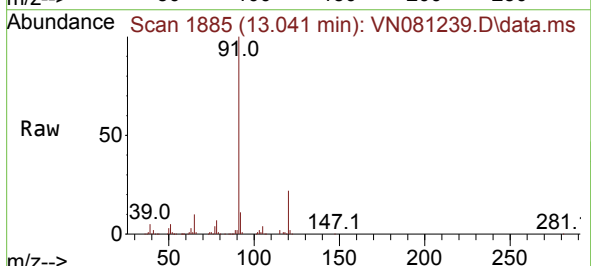
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

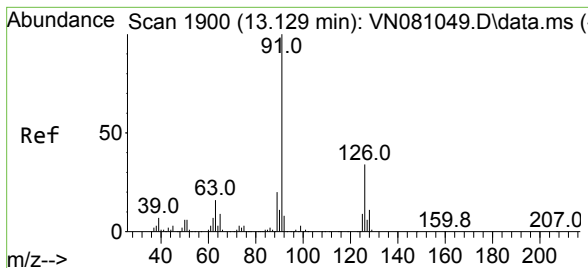
Tgt Ion:156 Resp: 71799
Ion Ratio Lower Upper
156 100
77 221.5 138.1 414.3
158 96.2 46.5 139.5



#78
n-propylbenzene
Concen: 18.740 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 91 Resp: 394317
Ion Ratio Lower Upper
91 100
120 22.1 10.3 30.9

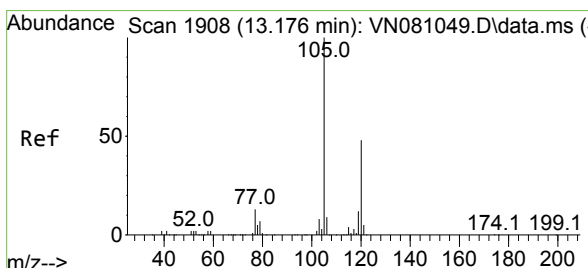
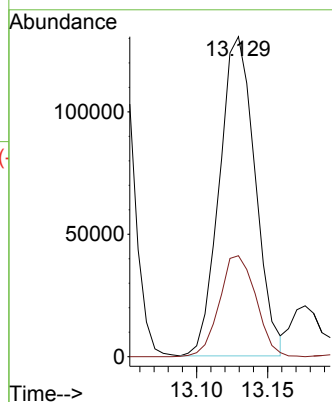
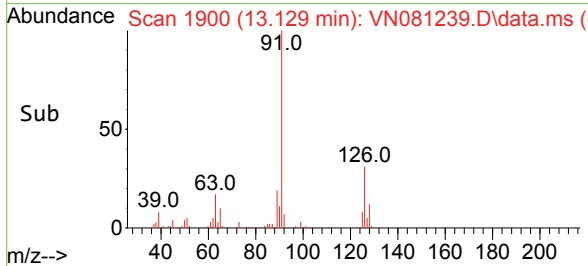
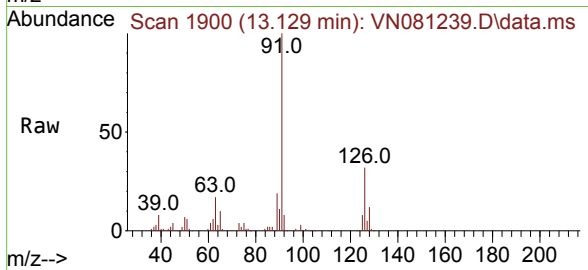




#79
2-Chlorotoluene
Concen: 17.714 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

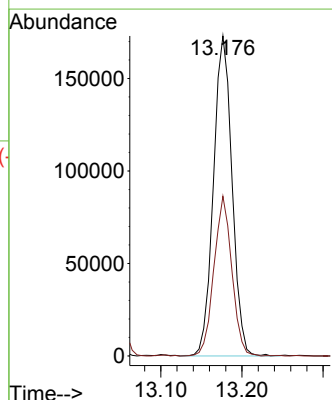
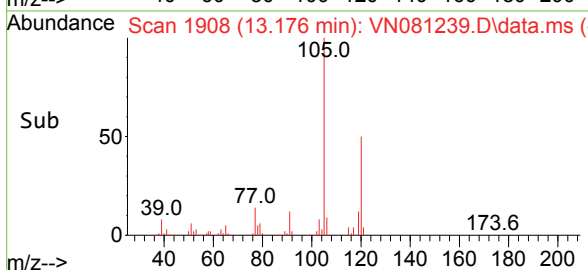
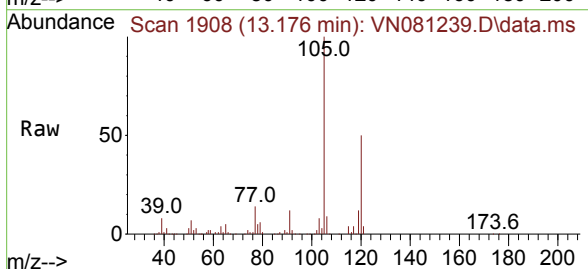
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

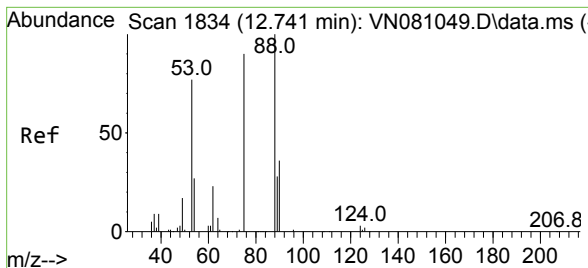
Tgt Ion: 91 Resp: 228628
Ion Ratio Lower Upper
91 100
126 32.3 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 18.580 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 105 Resp: 275363
Ion Ratio Lower Upper
105 100
120 48.1 23.0 69.0

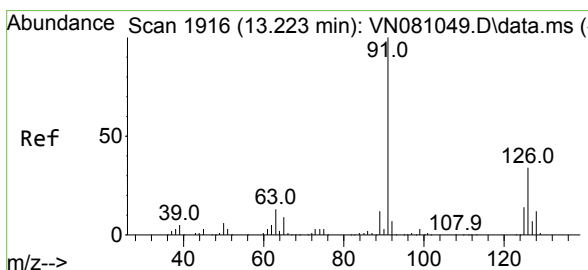
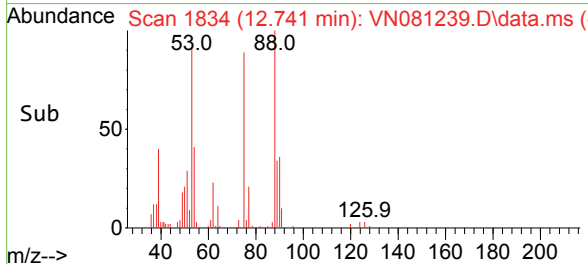
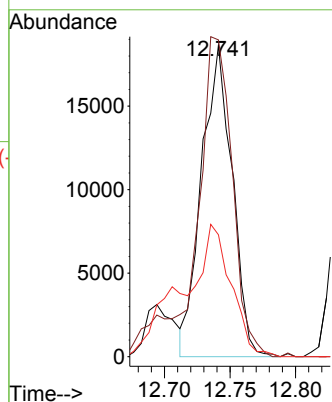
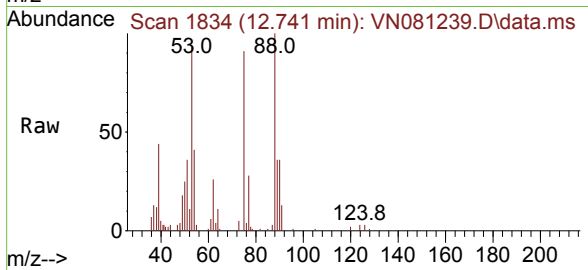




#81
trans-1,4-Dichloro-2-butene
Concen: 16.374 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

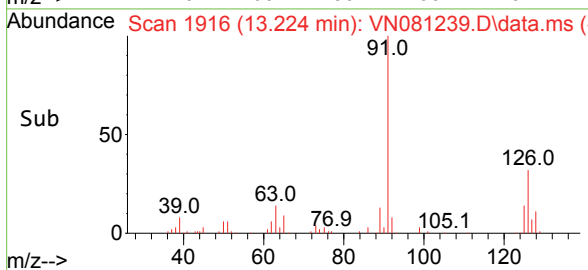
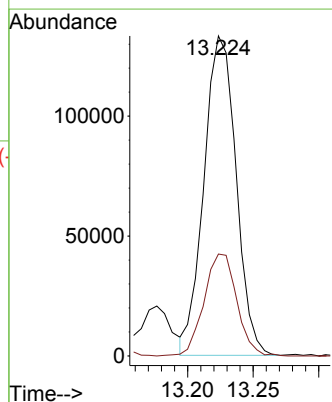
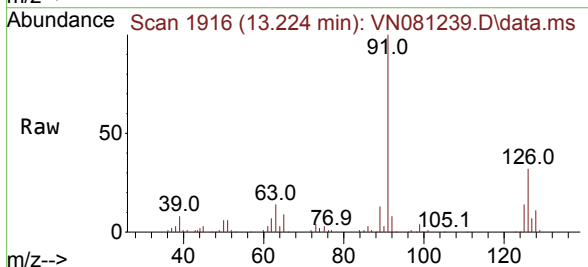
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

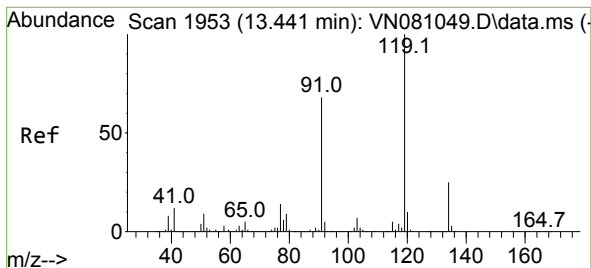
Tgt Ion: 75 Resp: 30196
Ion Ratio Lower Upper
75 100
53 122.3 71.4 107.2#
89 43.9 33.4 50.0



#82
4-Chlorotoluene
Concen: 18.010 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 91 Resp: 227281
Ion Ratio Lower Upper
91 100
126 32.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 18.548 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS01

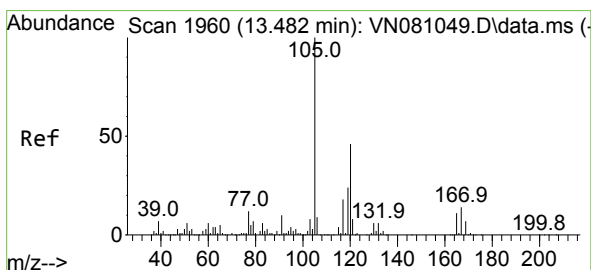
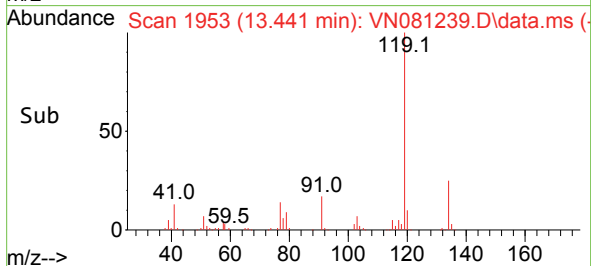
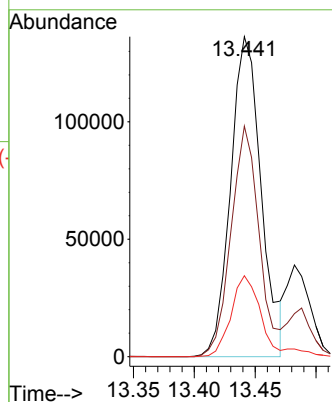
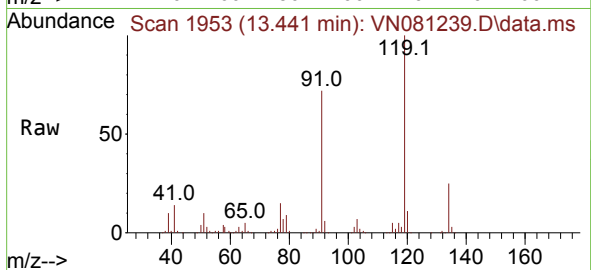
Tgt Ion:119 Resp: 237682

Ion Ratio Lower Upper

119 100

91 66.5 36.8 110.4

134 25.7 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 18.996 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081239.D

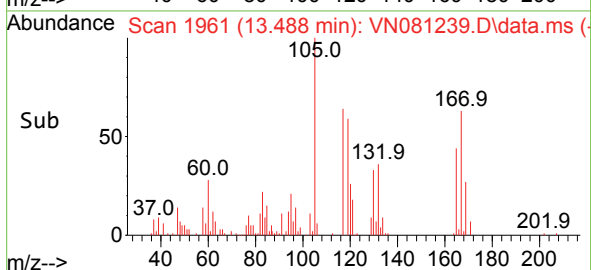
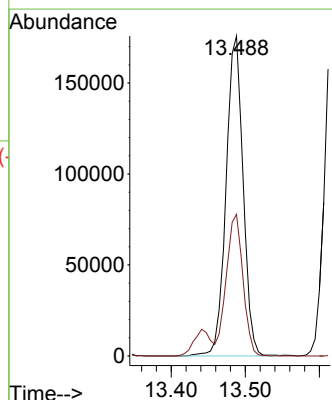
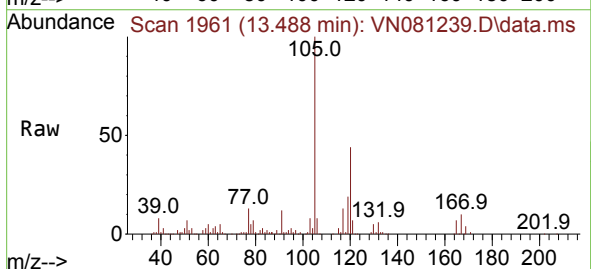
Acq: 28 Feb 2024 13:30

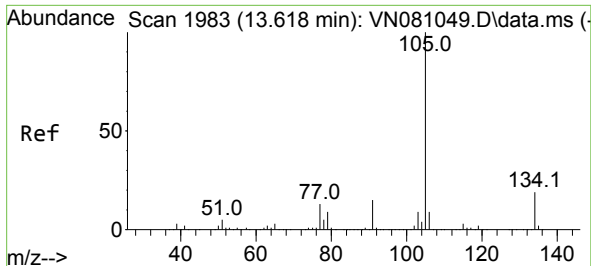
Tgt Ion:105 Resp: 280528

Ion Ratio Lower Upper

105 100

120 43.4 20.9 62.7

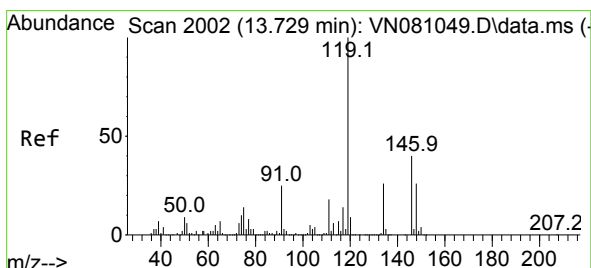
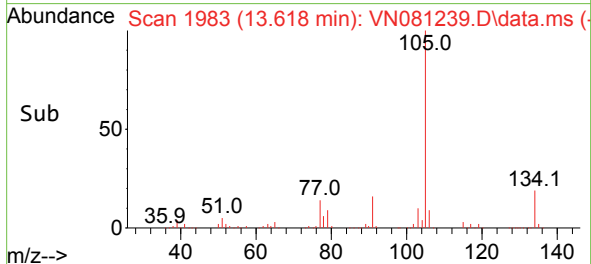
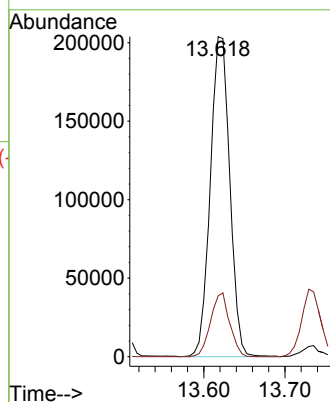
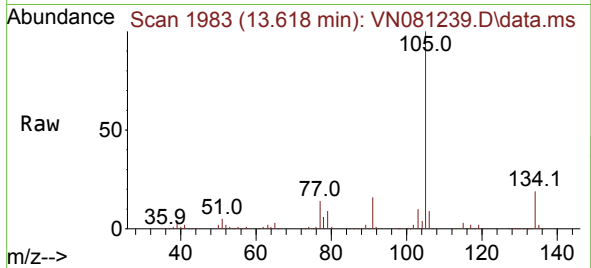




#85
 sec-Butylbenzene
 Concen: 19.061 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

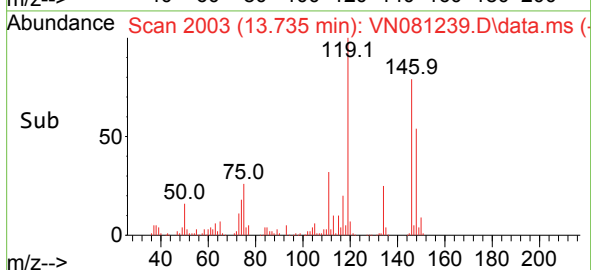
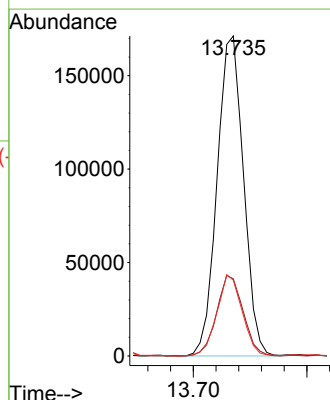
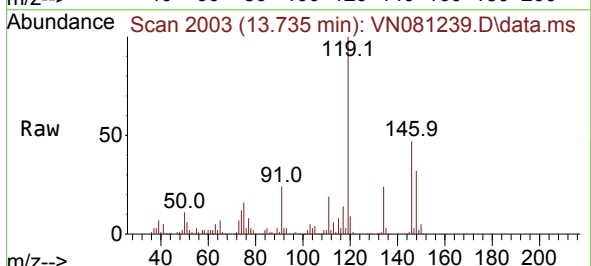
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBS01

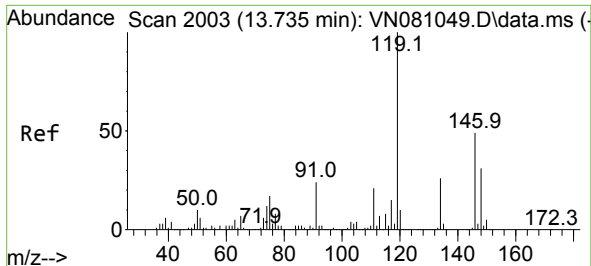
Tgt Ion:105 Resp: 339577
 Ion Ratio Lower Upper
 105 100
 134 19.4 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 18.708 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081239.D
 Acq: 28 Feb 2024 13:30

Tgt Ion:119 Resp: 276823
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.4 37.2
 91 24.3 13.5 40.4

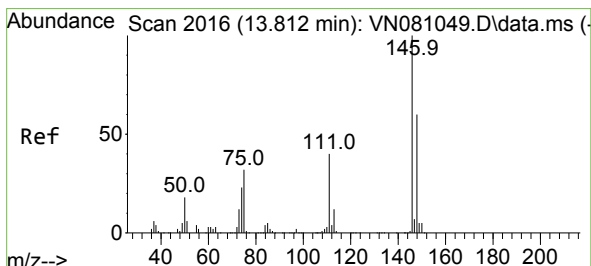
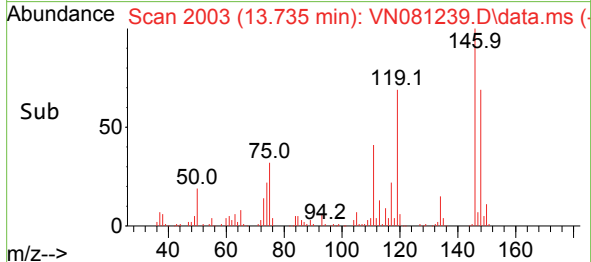
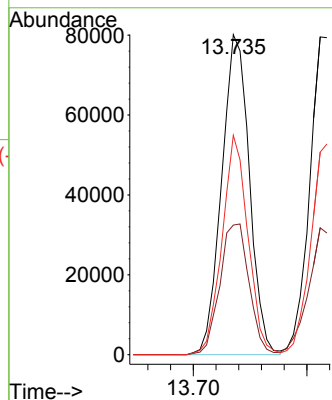
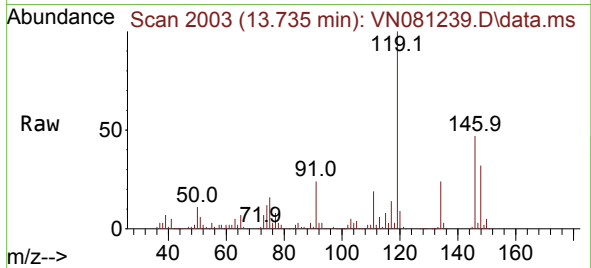




#87
1,3-Dichlorobenzene
Concen: 17.646 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

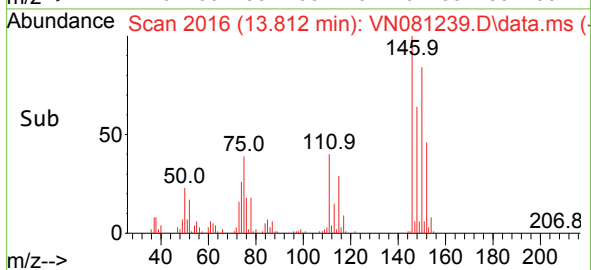
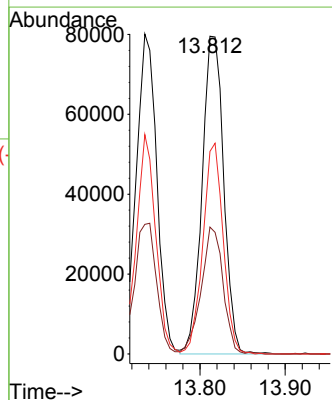
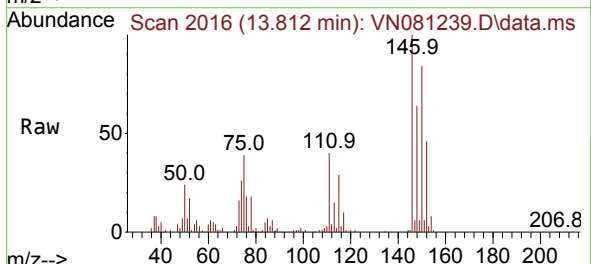
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

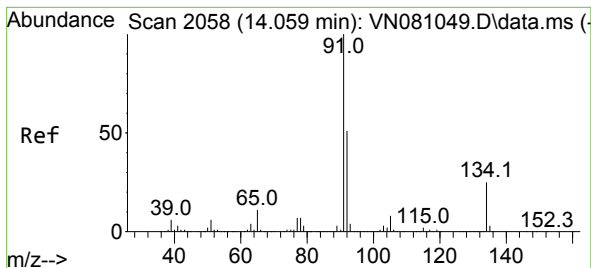
Tgt Ion:146 Resp: 135888
Ion Ratio Lower Upper
146 100
111 43.0 23.9 71.7
148 64.1 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 18.553 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion:146 Resp: 140386
Ion Ratio Lower Upper
146 100
111 40.0 22.6 67.7
148 62.5 31.9 95.5





#89

n-Butylbenzene

Concen: 18.900 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS01

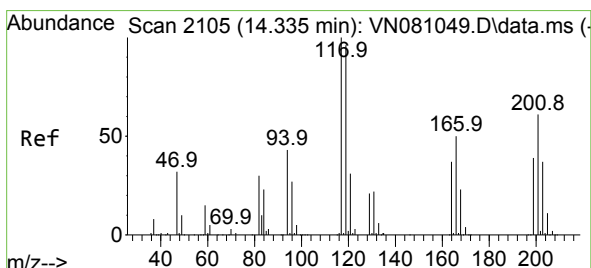
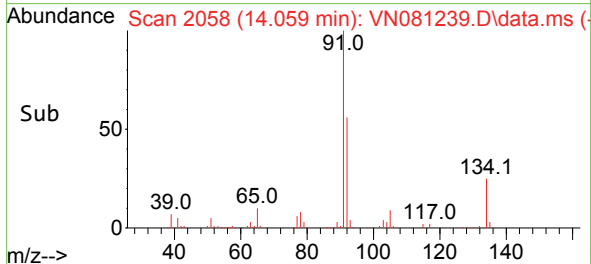
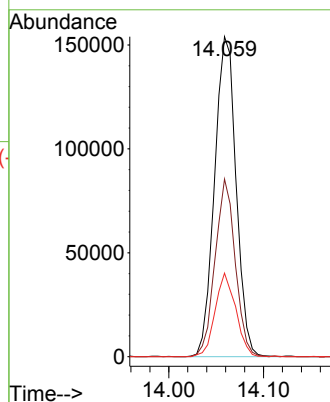
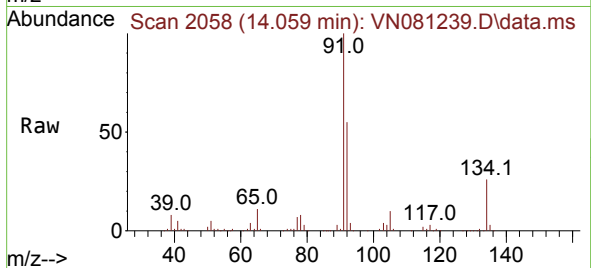
Tgt Ion: 91 Resp: 243649

Ion Ratio Lower Upper

91 100

92 52.0 26.7 80.1

134 25.0 10.8 32.4



#90

Hexachloroethane

Concen: 18.287 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081239.D

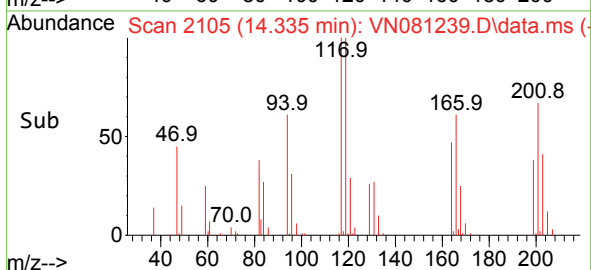
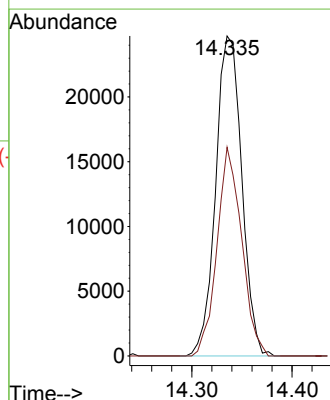
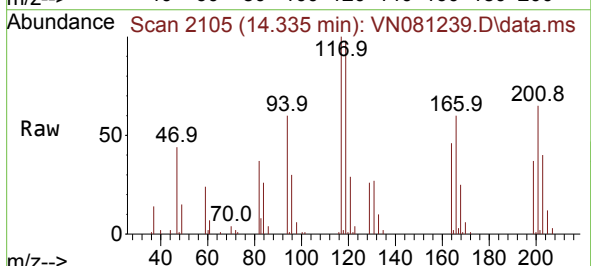
Acq: 28 Feb 2024 13:30

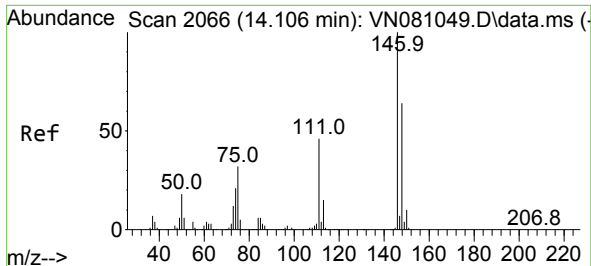
Tgt Ion: 117 Resp: 44728

Ion Ratio Lower Upper

117 100

201 61.6 30.0 90.0

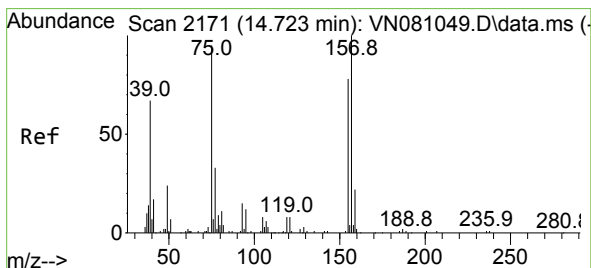
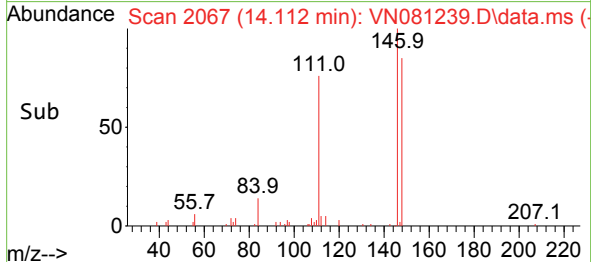
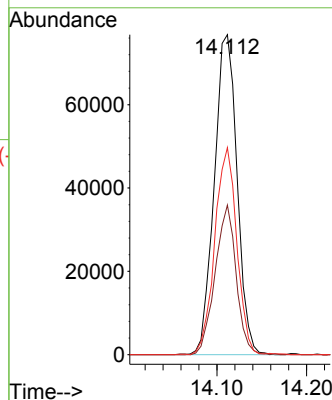
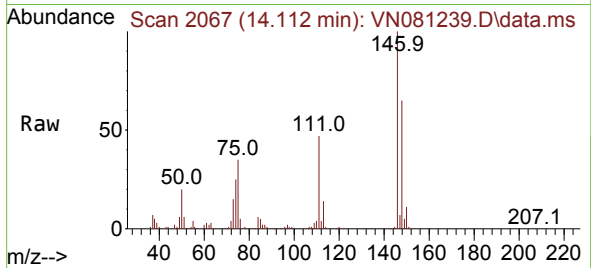




#91
1,2-Dichlorobenzene
Concen: 18.242 ug/l
RT: 14.112 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

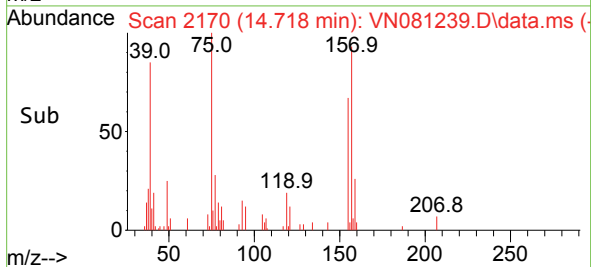
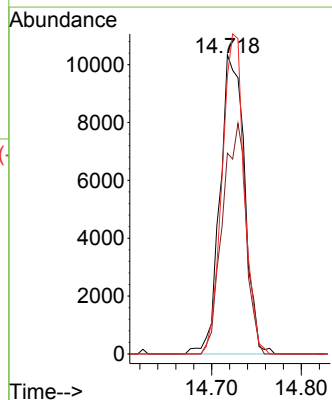
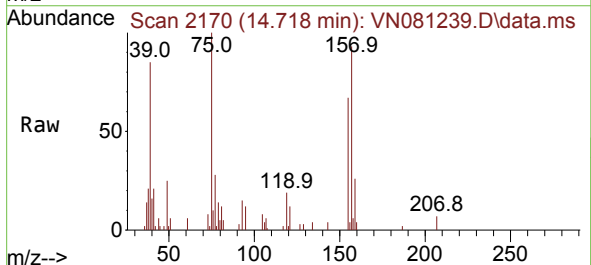
Instrument :
MSVOA_N
ClientSampleId :
VN0228WBS01

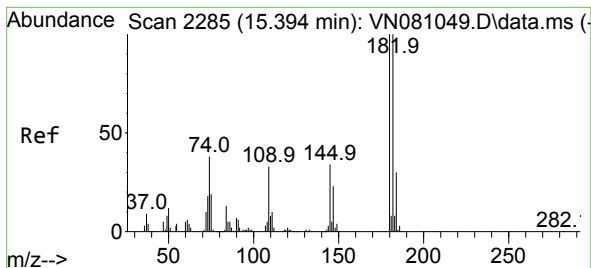
Tgt Ion:146 Resp: 135487
Ion Ratio Lower Upper
146 100
111 43.4 23.9 71.8
148 62.5 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.319 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081239.D
Acq: 28 Feb 2024 13:30

Tgt Ion: 75 Resp: 19576
Ion Ratio Lower Upper
75 100
155 74.4 31.8 95.4
157 96.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 17.269 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS01

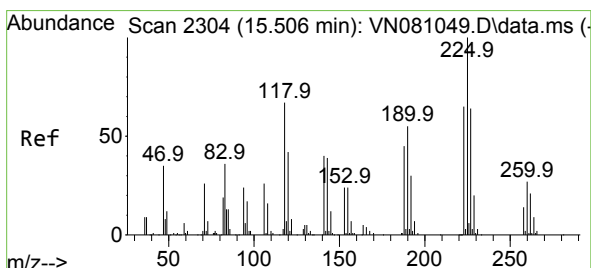
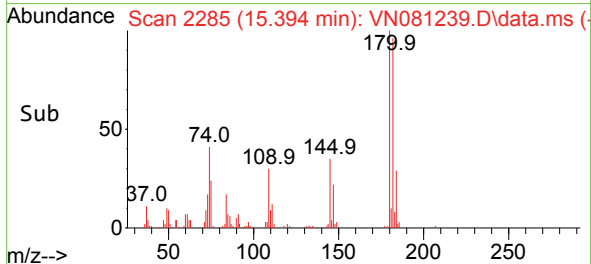
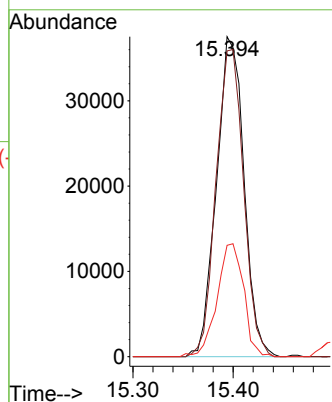
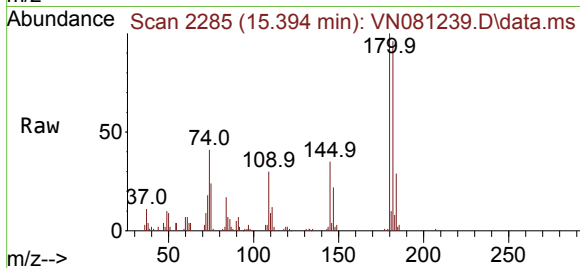
Tgt Ion:180 Resp: 71554

Ion Ratio Lower Upper

180 100

182 95.9 46.6 139.7

145 34.1 16.8 50.3



#94

Hexachlorobutadiene

Concen: 18.409 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.000 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

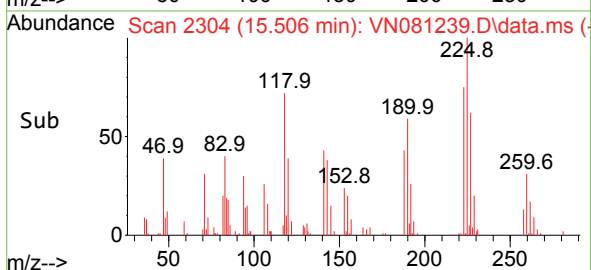
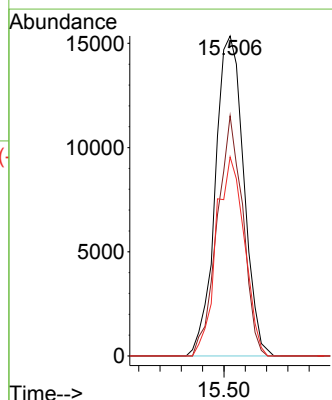
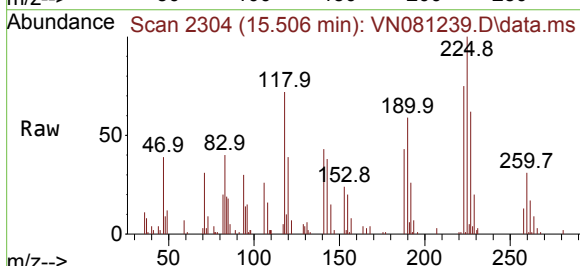
Tgt Ion:225 Resp: 28448

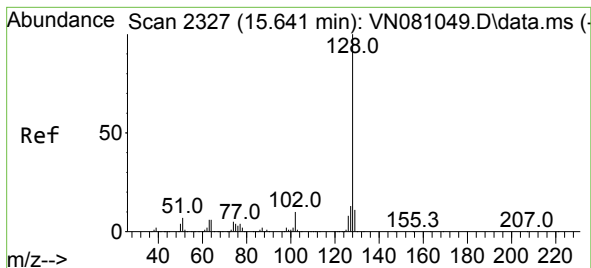
Ion Ratio Lower Upper

225 100

223 67.5 33.3 99.8

227 61.5 33.1 99.2





#95

Naphthalene

Concen: 17.259 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBS01

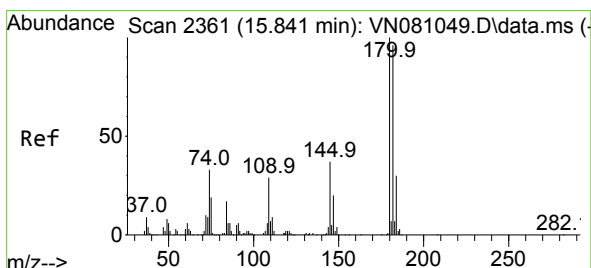
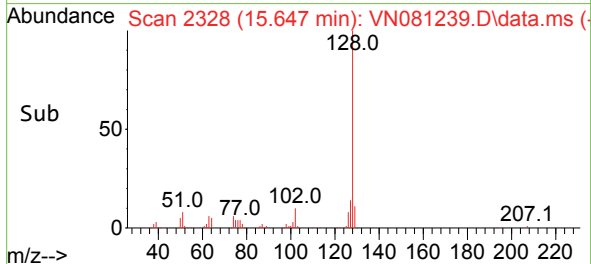
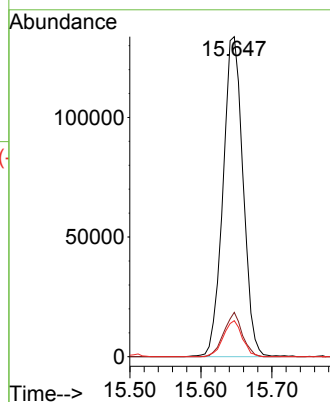
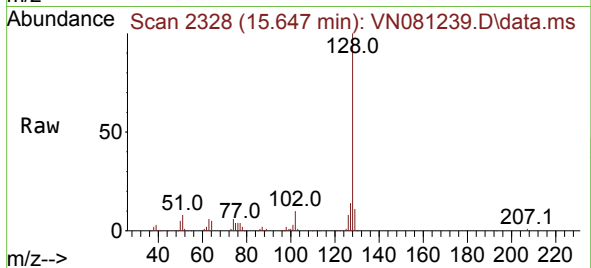
Tgt Ion:128 Resp: 262068

Ion Ratio Lower Upper

128 100

127 12.7 10.0 15.0

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.369 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN081239.D

Acq: 28 Feb 2024 13:30

Tgt Ion:180 Resp: 75507

Ion Ratio Lower Upper

180 100

182 91.2 46.5 139.3

145 34.6 17.8 53.4

