

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081215.D
 Acq On : 27 Feb 2024 13:34
 Operator : JC\MD
 Sample : VN0227WBS03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS03

Quant Time: Feb 29 06:48:57 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	8.229	168	261366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	484811	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	440324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	196586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	170630	53.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.520%	
35) Dibromofluoromethane	8.165	113	145691	53.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.280%	
50) Toluene-d8	10.570	98	471321	48.406	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.820%	
62) 4-Bromofluorobenzene	12.853	95	181811	49.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.380%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	71803	21.243	ug/l	97
3) Chloromethane	2.365	50	72962	19.053	ug/l	99
4) Vinyl Chloride	2.512	62	74967	19.967	ug/l	99
5) Bromomethane	2.959	94	53363	20.011	ug/l	81
6) Chloroethane	3.124	64	55807	22.505	ug/l	96
7) Trichlorofluoromethane	3.494	101	122686	22.368	ug/l	97
8) Diethyl Ether	3.965	74	43543	21.714	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	68260	22.324	ug/l	93
10) Methyl Iodide	4.594	142	59780	17.515	ug/l	94
11) Tert butyl alcohol	5.518	59	72532	123.111	ug/l	97
12) 1,1-Dichloroethene	4.347	96	64730	21.900	ug/l	88
13) Acrolein	4.177	56	33539	106.211	ug/l	99
14) Allyl chloride	5.024	41	92032	20.985	ug/l #	90
15) Acrylonitrile	5.718	53	193845	125.981	ug/l	96
16) Acetone	4.424	43	161769	128.332	ug/l	97
17) Carbon Disulfide	4.718	76	145989	17.708	ug/l #	92
18) Methyl Acetate	5.024	43	91818	29.859	ug/l	92
19) Methyl tert-butyl Ether	5.800	73	231229	22.841	ug/l	99
20) Methylene Chloride	5.288	84	77051	23.128	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	68459	20.760	ug/l	98
22) Diisopropyl ether	6.677	45	227902	22.908	ug/l #	94
23) Vinyl Acetate	6.606	43	911682	112.950	ug/l #	92
24) 1,1-Dichloroethane	6.571	63	132350	23.008	ug/l	97
25) 2-Butanone	7.488	43	261383	128.352	ug/l	94
26) 2,2-Dichloropropane	7.488	77	116269	21.572	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	84453	22.042	ug/l	89
28) Bromochloromethane	7.818	49	58138	24.379	ug/l #	71
29) Tetrahydrofuran	7.841	42	168439	123.904	ug/l #	86
30) Chloroform	7.971	83	140311	22.945	ug/l	98
31) Cyclohexane	8.259	56	112224	20.288	ug/l #	79
32) 1,1,1-Trichloroethane	8.177	97	126716	22.753	ug/l	93
36) 1,1-Dichloropropene	8.371	75	96831	20.617	ug/l	97
37) Ethyl Acetate	7.559	43	104658	24.690	ug/l	95
38) Carbon Tetrachloride	8.365	117	107026	22.523	ug/l	97
39) Methylcyclohexane	9.600	83	114020	20.825	ug/l	93
40) Benzene	8.612	78	299869	22.058	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	54668	22.661	ug/l	93
42) 1,2-Dichloroethane	8.676	62	110972	23.397	ug/l	98
43) Isopropyl Acetate	8.688	43	291322	39.297	ug/l #	87
44) Trichloroethene	9.359	130	77540	21.415	ug/l	90
45) 1,2-Dichloropropane	9.629	63	77862	22.896	ug/l	98
46) Dibromomethane	9.712	93	55350	22.339	ug/l	94
47) Bromodichloromethane	9.894	83	110092	23.460	ug/l #	89
48) Methyl methacrylate	9.682	41	83082	24.085	ug/l	91
49) 1,4-Dioxane	9.694	88	36013	549.335	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	555933	130.361	ug/l	95
52) Toluene	10.635	92	190401	22.123	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	118285	22.683	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	125790	22.326	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	79309	23.959	ug/l #	91
56) Ethyl methacrylate	10.876	69	116108	22.951	ug/l	91
57) 1,3-Dichloropropane	11.165	76	131722	23.014	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	284584	112.114	ug/l #	88
59) 2-Hexanone	11.200	43	422037	124.827	ug/l	97
60) Dibromochloromethane	11.365	129	80030	22.758	ug/l	97
61) 1,2-Dibromoethane	11.470	107	81992	23.555	ug/l	98
64) Tetrachloroethene	11.106	164	69812	23.230	ug/l	95
65) Chlorobenzene	11.894	112	200487	21.038	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.959	131	76043	22.216	ug/l	97
67) Ethyl Benzene	11.964	91	365501	21.433	ug/l	100
68) m/p-Xylenes	12.076	106	275900	42.210	ug/l	95
69) o-Xylene	12.400	106	131612	20.313	ug/l	100
70) Styrene	12.412	104	220221	21.449	ug/l	98
71) Bromoform	12.582	173	48417	22.295	ug/l #	97
73) Isopropylbenzene	12.700	105	350776	20.394	ug/l	97
74) N-amyl acetate	12.500	43	154342	21.232	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	111316	23.016	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	148139	33.166	ug/l	58
77) Bromobenzene	12.982	156	80400	20.964	ug/l	79
78) n-propylbenzene	13.041	91	416203	21.020	ug/l	96
79) 2-Chlorotoluene	13.129	91	249057	20.507	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	298304	21.390	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	36932	21.283	ug/l	87
82) 4-Chlorotoluene	13.223	91	248268	20.906	ug/l	96
83) tert-Butylbenzene	13.441	119	258125	21.406	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	296471	21.334	ug/l	96
85) sec-Butylbenzene	13.617	105	371057	22.134	ug/l	96
86) p-Isopropyltoluene	13.735	119	289524	20.793	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	146178	20.173	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	148694	20.883	ug/l	97
89) n-Butylbenzene	14.058	91	255359	21.051	ug/l	98
90) Hexachloroethane	14.335	117	52117	22.644	ug/l	100
91) 1,2-Dichlorobenzene	14.111	146	147090	21.046	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	23356	23.227	ug/l	84
93) 1,2,4-Trichlorobenzene	15.394	180	76482	19.616	ug/l	99
94) Hexachlorobutadiene	15.505	225	30435	20.930	ug/l	93
95) Naphthalene	15.641	128	287973	20.155	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	79981	20.678	ug/l	99

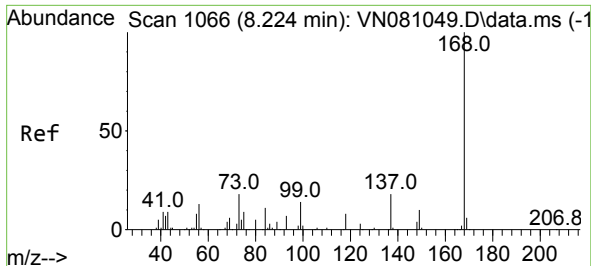
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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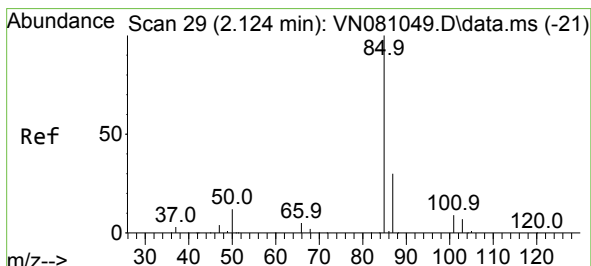
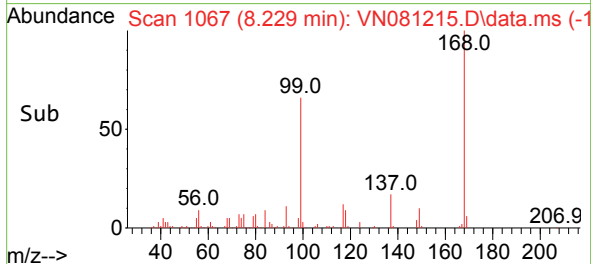
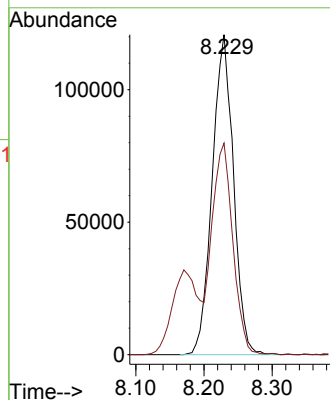
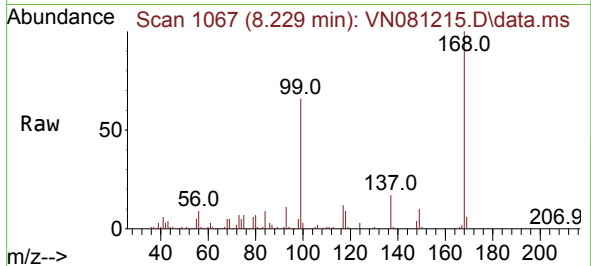
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

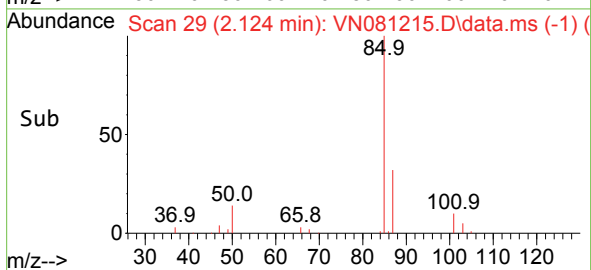
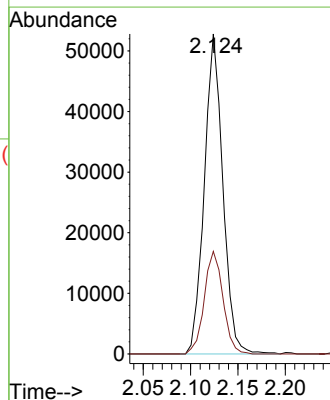
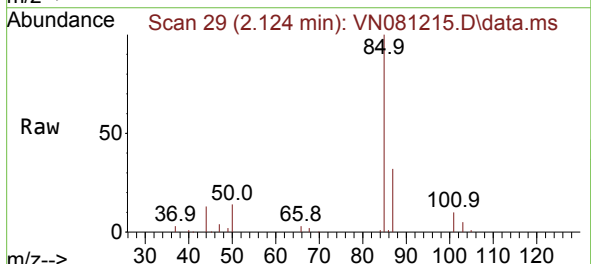
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MSVOA_N
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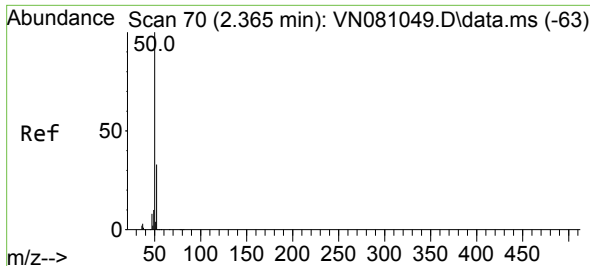
Tgt Ion:168 Resp: 261366
Ion Ratio Lower Upper
168 100
99 66.1 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 21.243 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 85 Resp: 71803
Ion Ratio Lower Upper
85 100
87 32.1 15.3 45.9

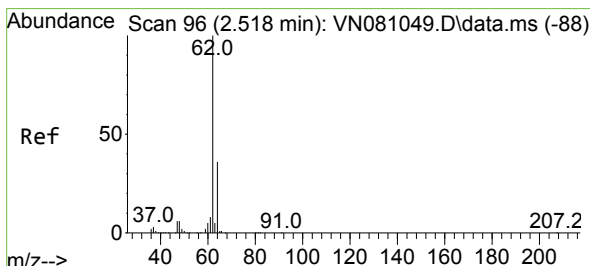
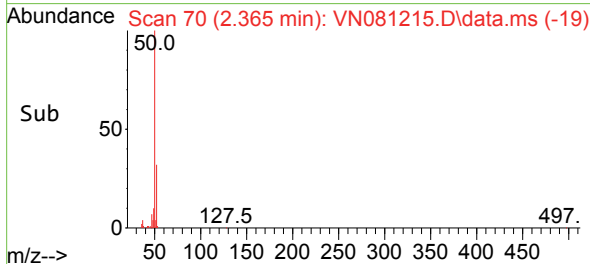
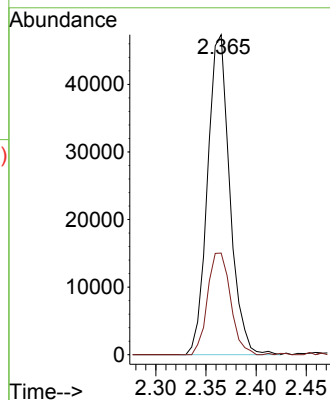
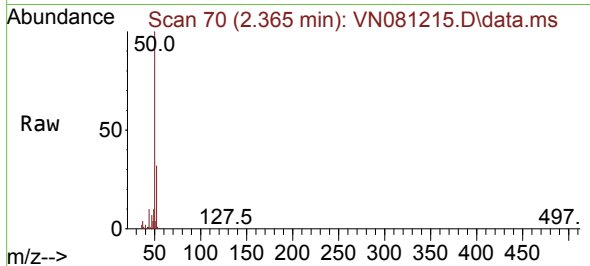




#3
Chloromethane
Concen: 19.053 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

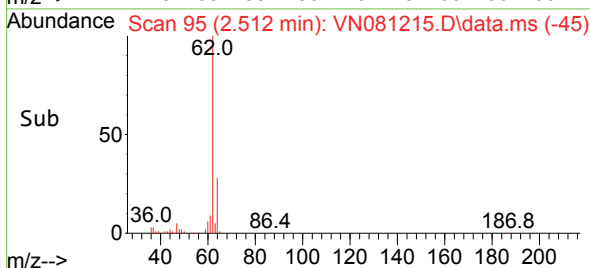
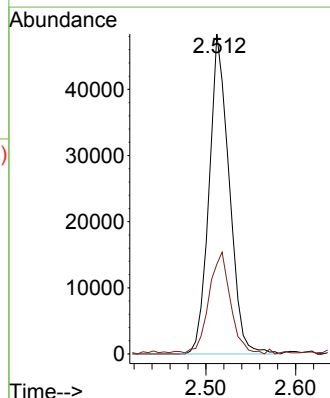
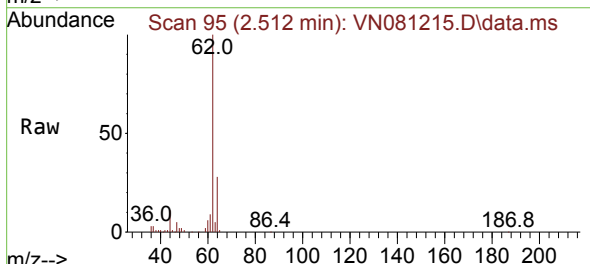
Instrument :
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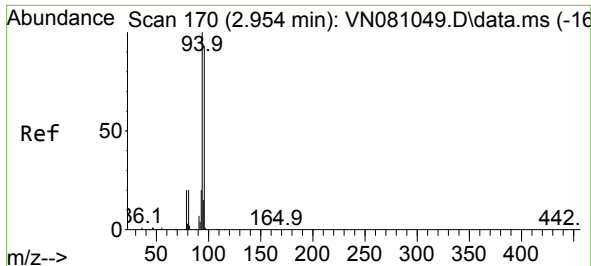
Tgt Ion: 50 Resp: 72962
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4



#4
Vinyl Chloride
Concen: 19.967 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 62 Resp: 74967
Ion Ratio Lower Upper
62 100
64 27.7 22.7 34.1

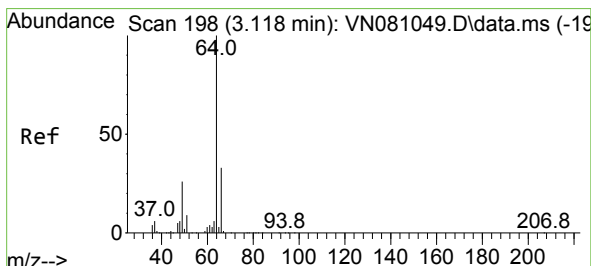
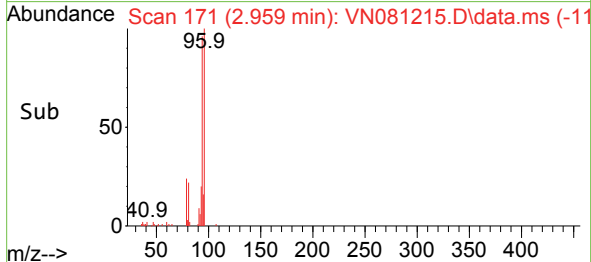
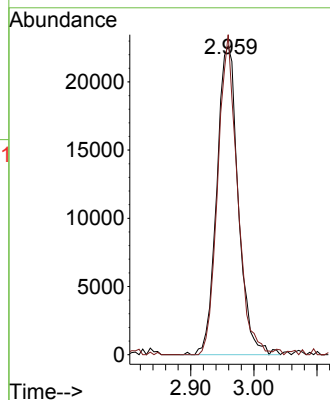
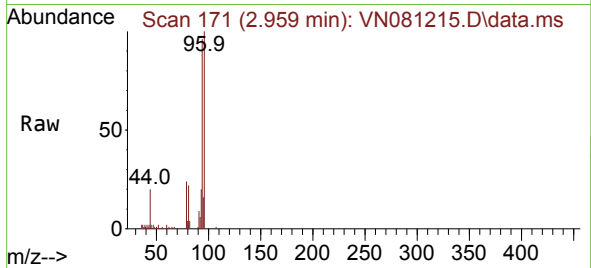




#5
Bromomethane
Concen: 20.011 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

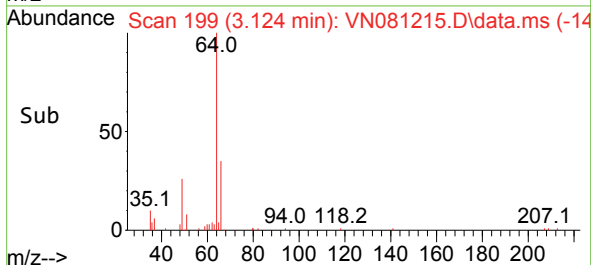
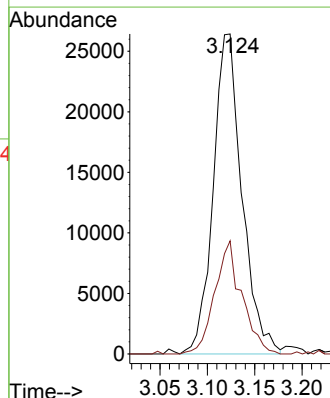
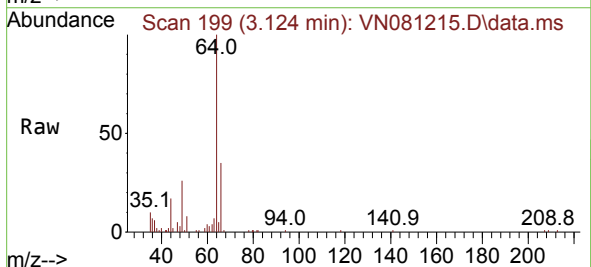
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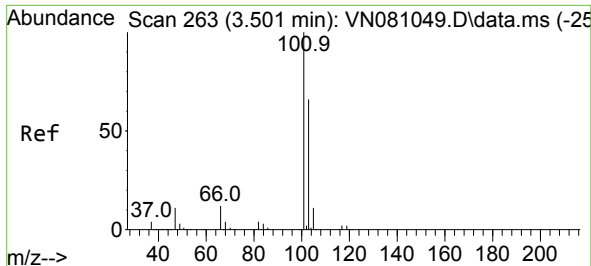
Tgt Ion: 94 Resp: 53363
Ion Ratio Lower Upper
94 100
96 103.7 69.2 103.8



#6
Chloroethane
Concen: 22.505 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 64 Resp: 55807
Ion Ratio Lower Upper
64 100
66 35.4 26.4 39.6

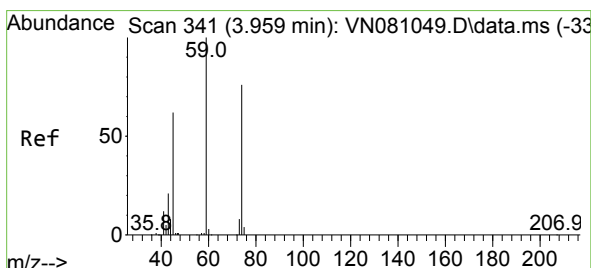
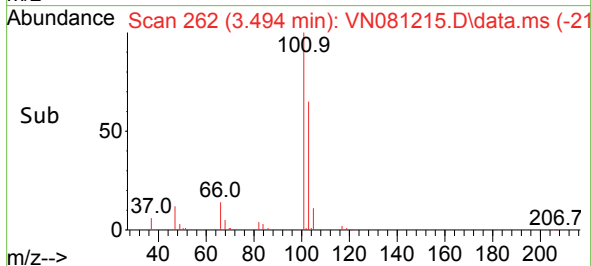
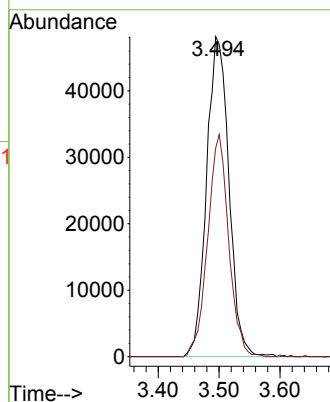
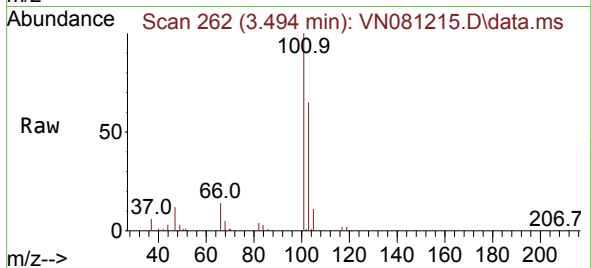




#7
Trichlorofluoromethane
Concen: 22.368 ug/l
RT: 3.494 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

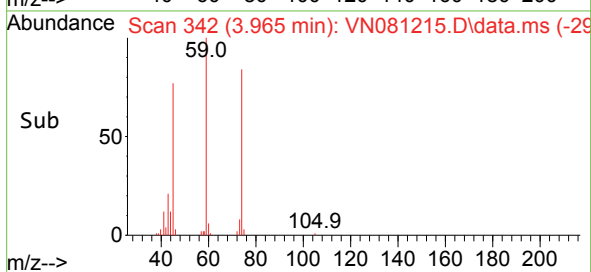
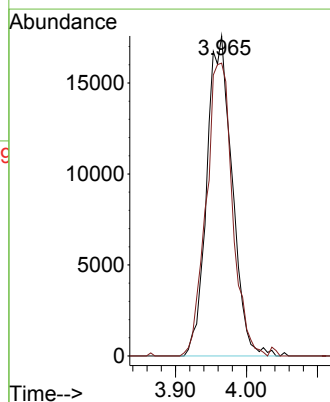
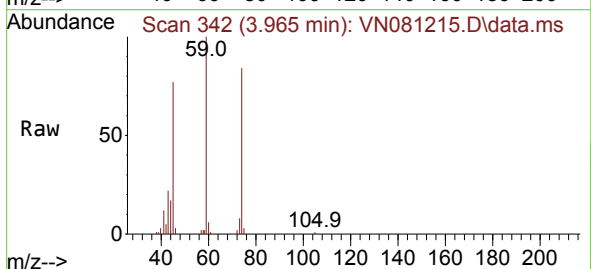
Instrument :
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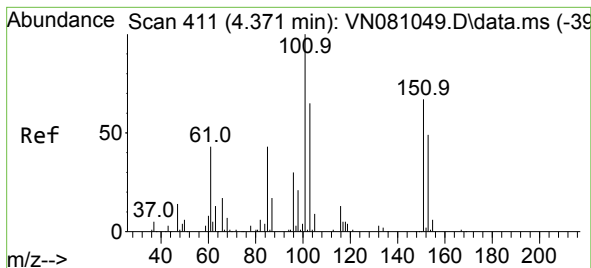
Tgt Ion:101 Resp: 122686
Ion Ratio Lower Upper
101 100
103 65.2 54.4 81.6



#8
Diethyl Ether
Concen: 21.714 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 74 Resp: 43543
Ion Ratio Lower Upper
74 100
45 95.3 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.324 ug/l

RT: 4.371 min Scan# 411

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

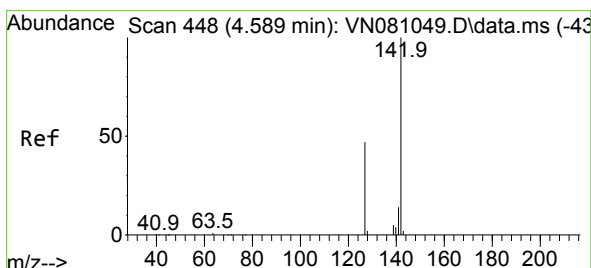
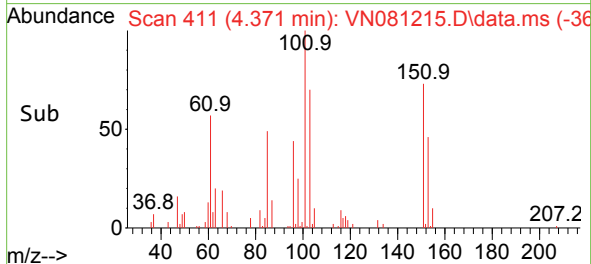
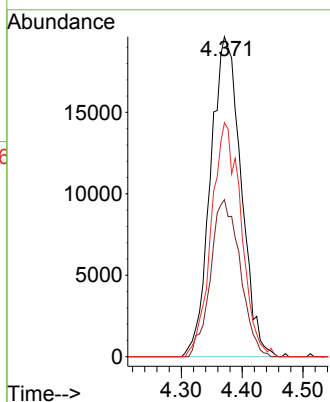
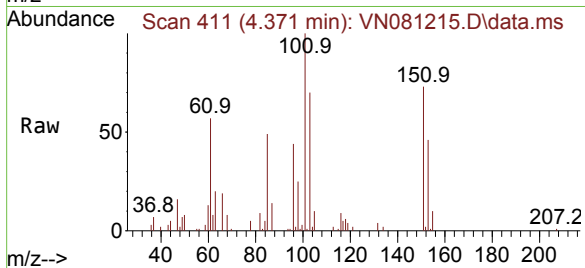
Tgt Ion:101 Resp: 68260

Ion Ratio Lower Upper

101 100

85 47.6 38.1 57.1

151 71.3 49.1 73.7



#10

Methyl Iodide

Concen: 17.515 ug/l

RT: 4.594 min Scan# 449

Delta R.T. 0.006 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

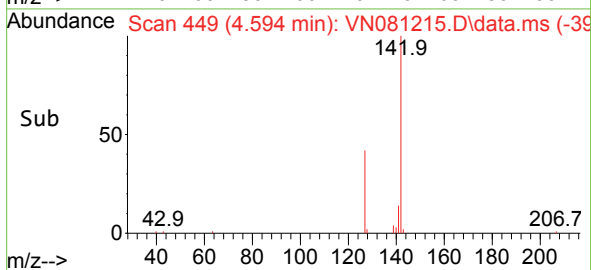
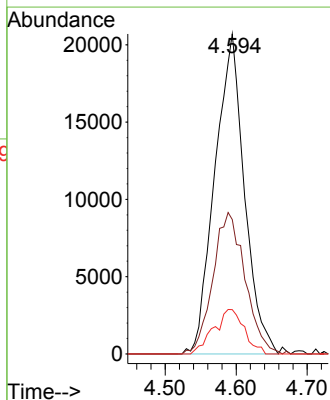
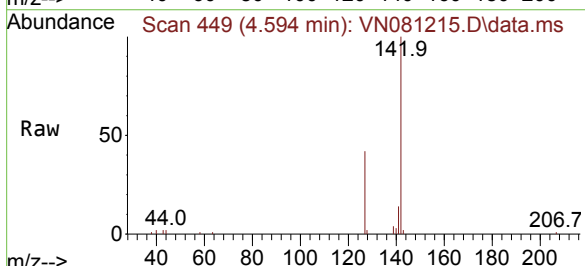
Tgt Ion:142 Resp: 59780

Ion Ratio Lower Upper

142 100

127 42.0 37.0 55.4

141 13.9 12.5 18.7

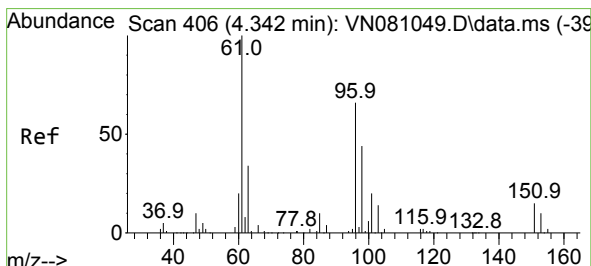
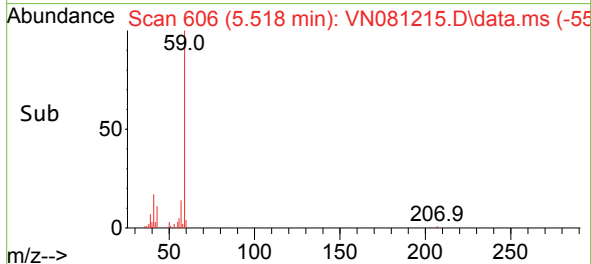
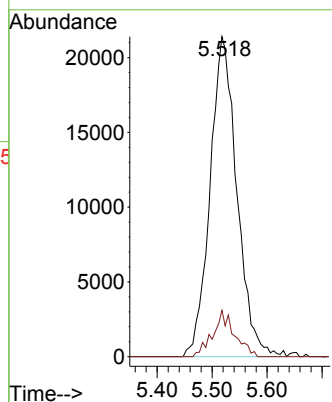
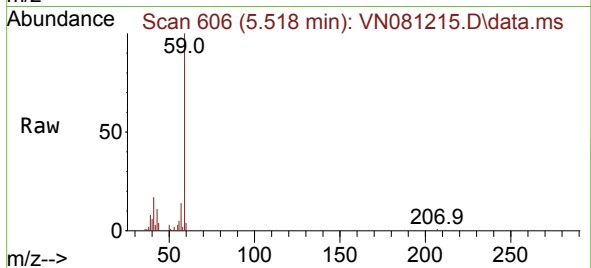




#11
Tert butyl alcohol
Concen: 123.111 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

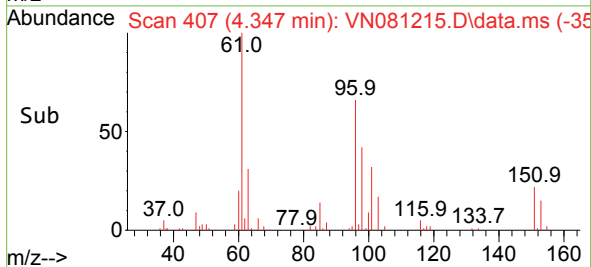
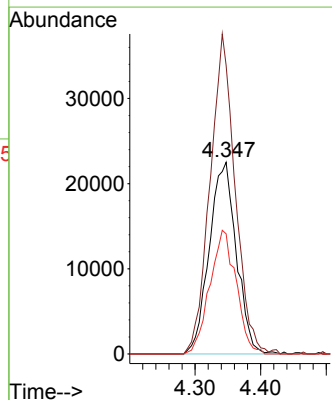
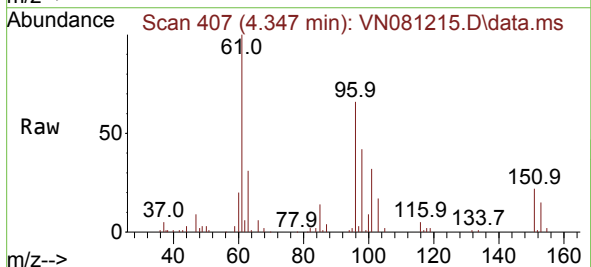
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

Tgt Ion: 59 Resp: 72532
Ion Ratio Lower Upper
59 100
57 11.6 8.6 12.8



#12
1,1-Dichloroethene
Concen: 21.900 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 96 Resp: 64730
Ion Ratio Lower Upper
96 100
61 150.5 138.2 207.4
98 62.7 49.2 73.8

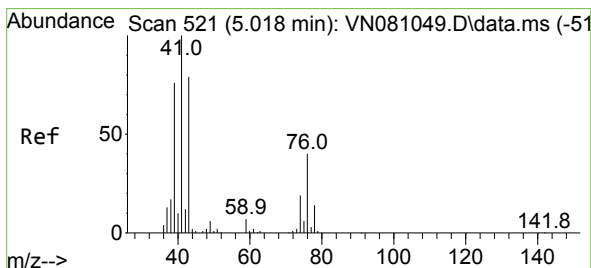
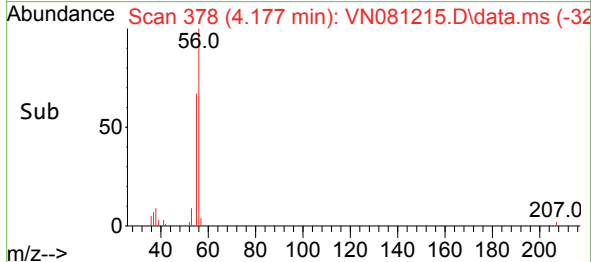
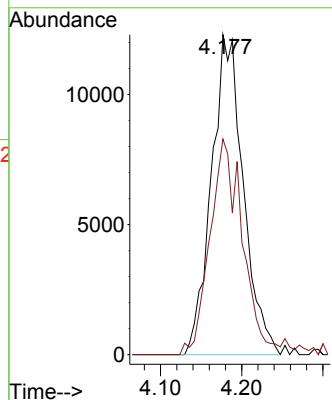
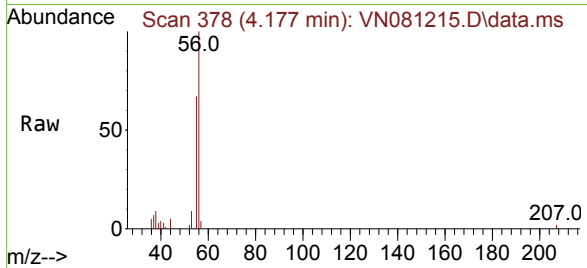




#13
Acrolein
Concen: 106.211 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

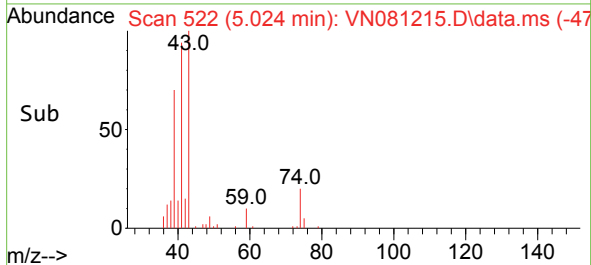
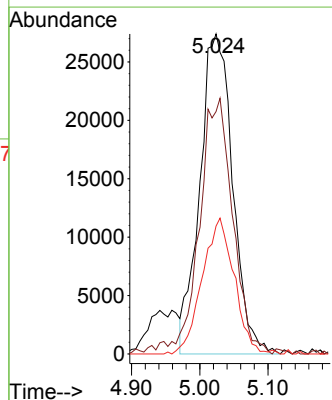
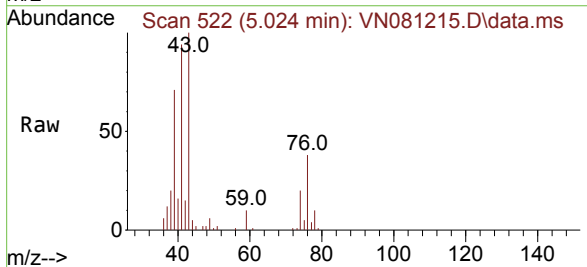
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

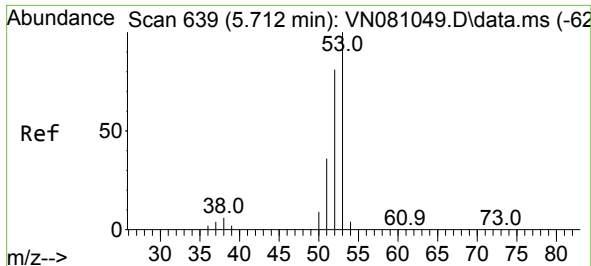
Tgt Ion: 56 Resp: 33539
Ion Ratio Lower Upper
56 100
55 68.6 55.3 82.9



#14
Allyl chloride
Concen: 20.985 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 41 Resp: 92032
Ion Ratio Lower Upper
41 100
39 79.6 57.7 86.5
76 41.2 26.8 40.2#

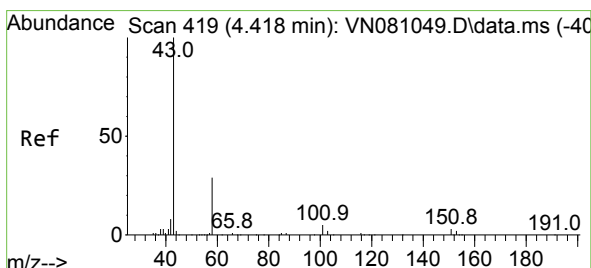
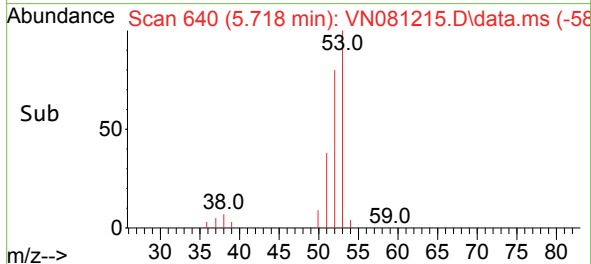
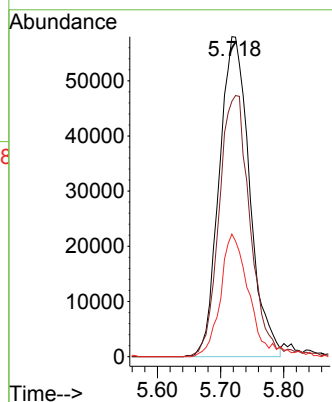
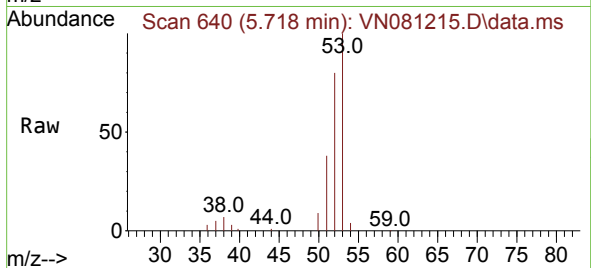




#15
Acrylonitrile
Concen: 125.981 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

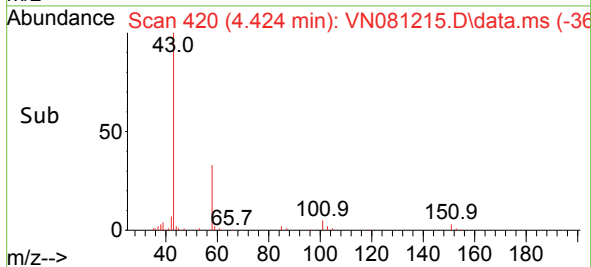
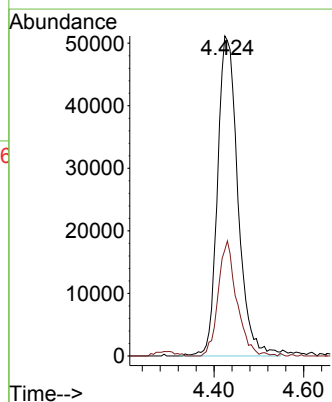
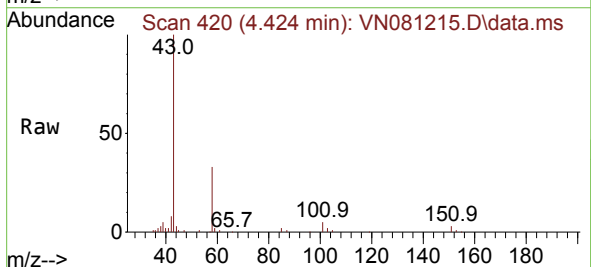
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

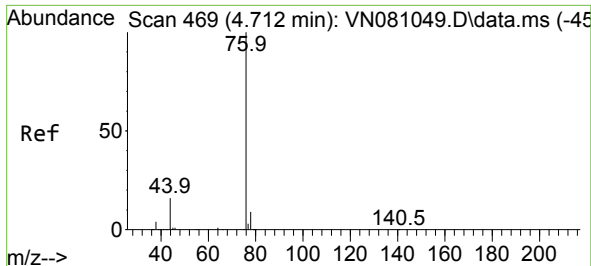
Tgt Ion: 53 Resp: 193845
Ion Ratio Lower Upper
53 100
52 84.0 64.8 97.2
51 36.1 26.9 40.3



#16
Acetone
Concen: 128.332 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 43 Resp: 161769
Ion Ratio Lower Upper
43 100
58 32.6 24.8 37.2

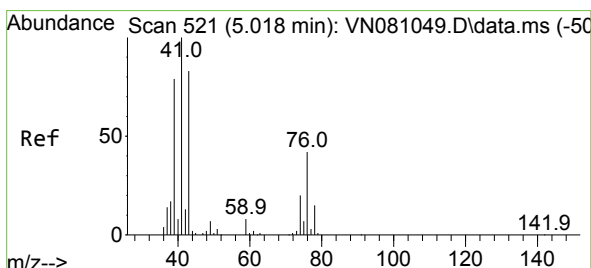
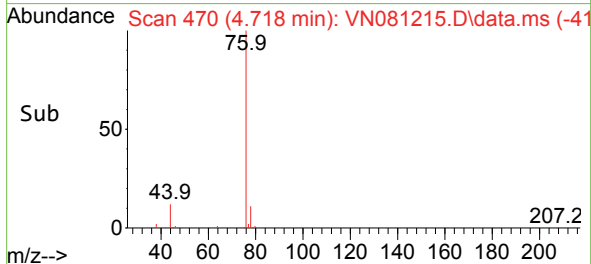
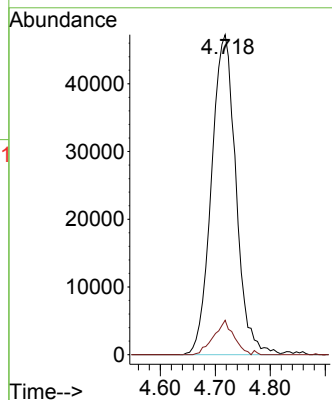
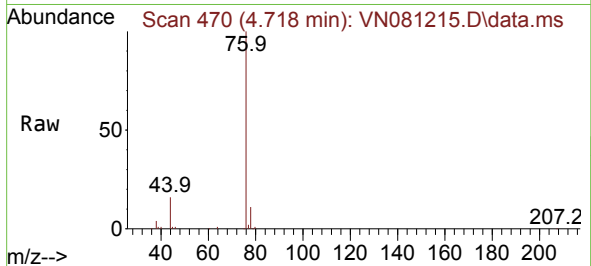




#17
Carbon Disulfide
Concen: 17.708 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

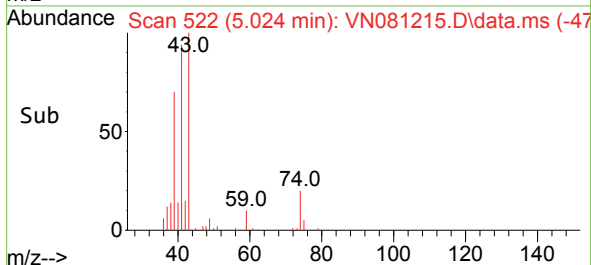
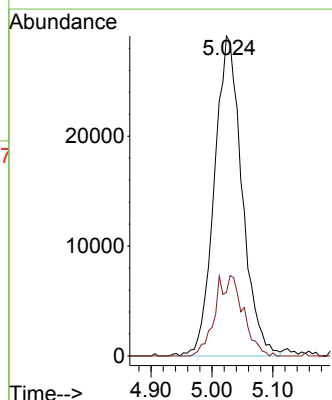
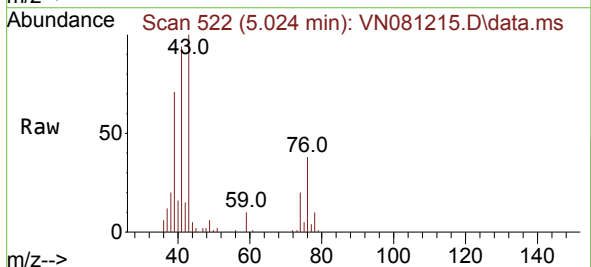
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

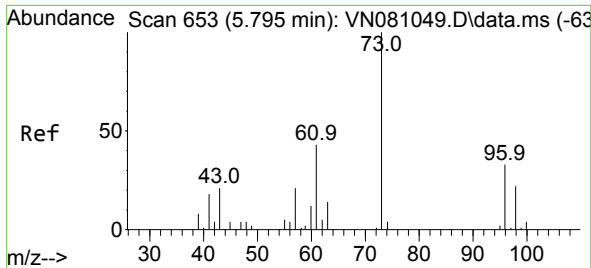
Tgt Ion: 76 Resp: 145989
Ion Ratio Lower Upper
76 100
78 10.8 6.3 9.5#



#18
Methyl Acetate
Concen: 29.859 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 43 Resp: 91818
Ion Ratio Lower Upper
43 100
74 25.5 17.3 25.9

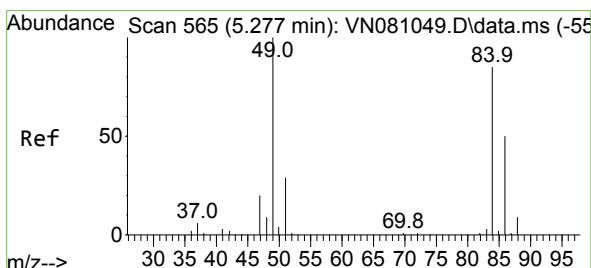
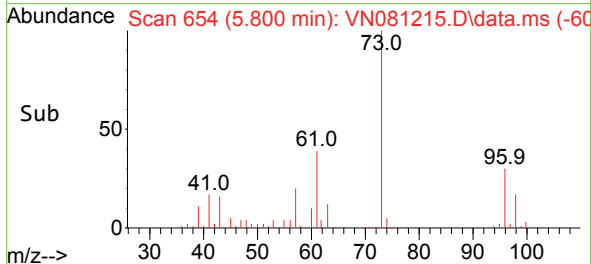
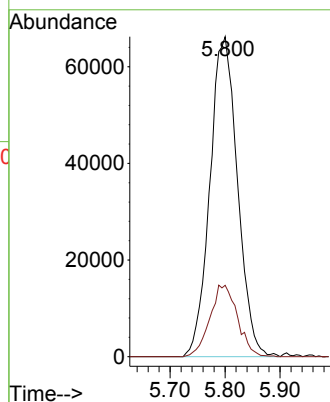
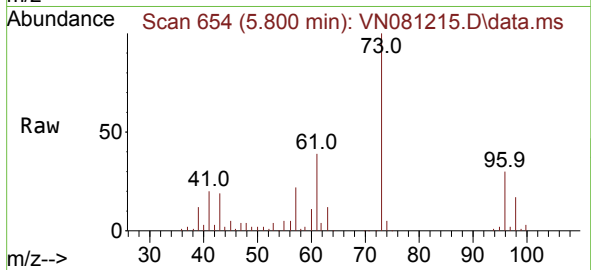




#19
Methyl tert-butyl Ether
Concen: 22.841 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

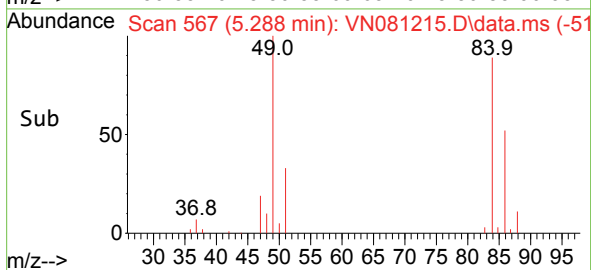
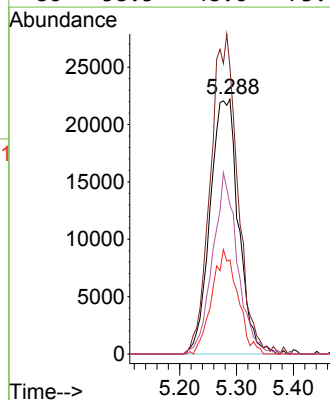
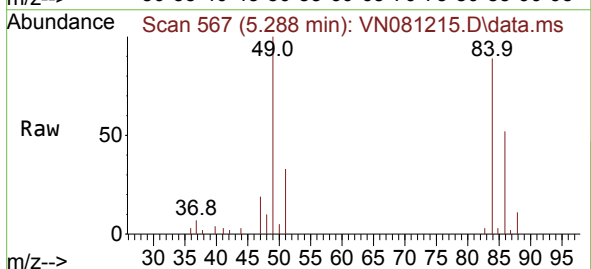
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

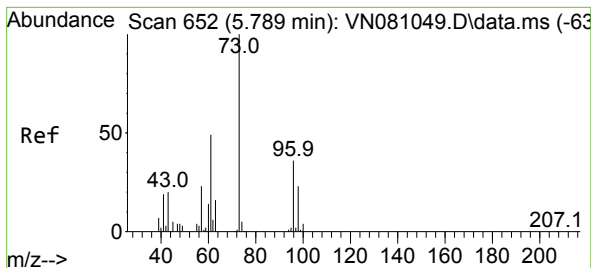
Tgt Ion: 73 Resp: 231229
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 23.128 ug/l
RT: 5.288 min Scan# 567
Delta R.T. 0.011 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 84 Resp: 77051
Ion Ratio Lower Upper
84 100
49 112.6 108.1 162.1
51 36.9 32.9 49.3
86 58.5 48.6 73.0





#21

trans-1,2-Dichloroethene

Concen: 20.760 ug/l

RT: 5.788 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

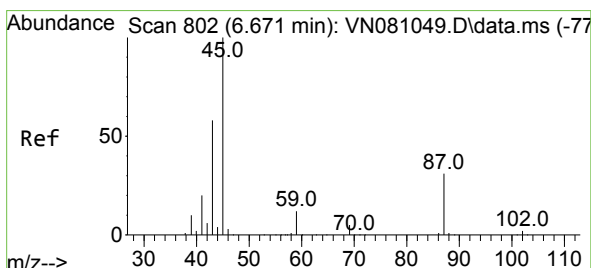
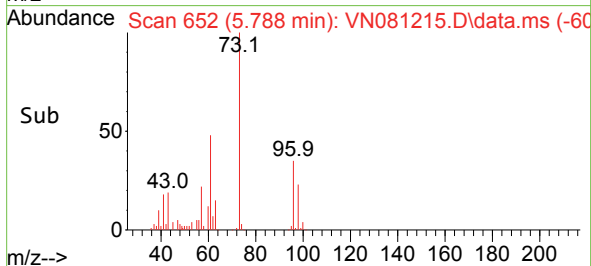
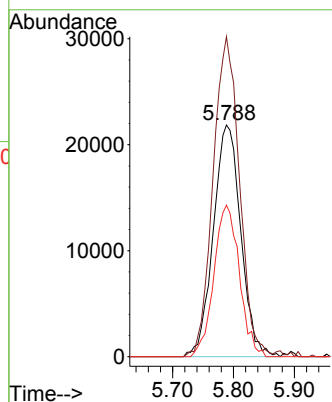
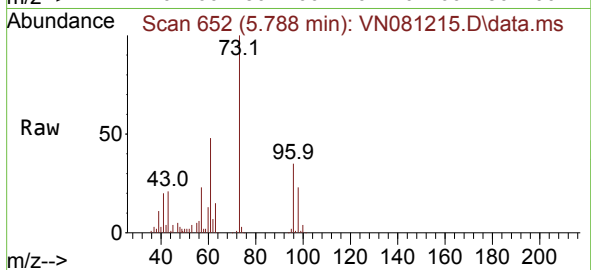
Tgt Ion: 96 Resp: 68459

Ion Ratio Lower Upper

96 100

61 138.1 112.8 169.2

98 65.4 51.0 76.4



#22

Diisopropyl ether

Concen: 22.908 ug/l

RT: 6.677 min Scan# 803

Delta R.T. 0.006 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Tgt Ion: 45 Resp: 227902

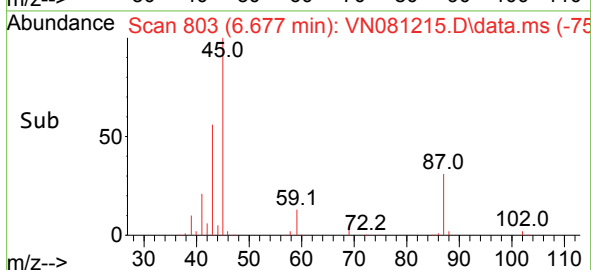
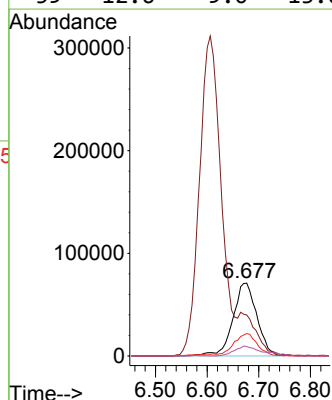
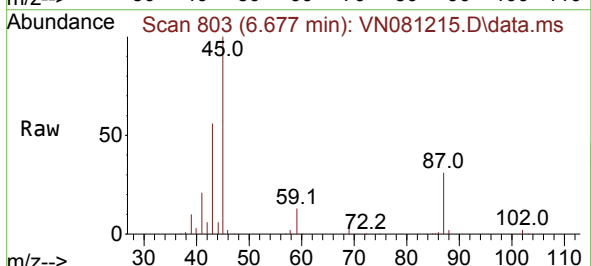
Ion Ratio Lower Upper

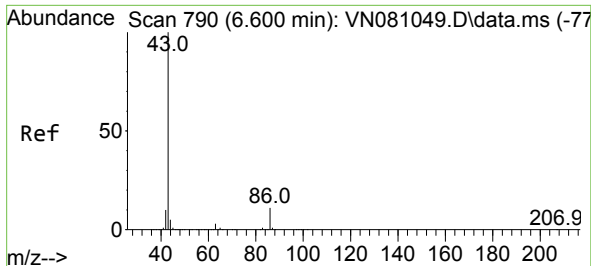
45 100

43 54.0 41.8 62.8

87 30.3 18.1 27.1#

59 12.6 9.0 13.6

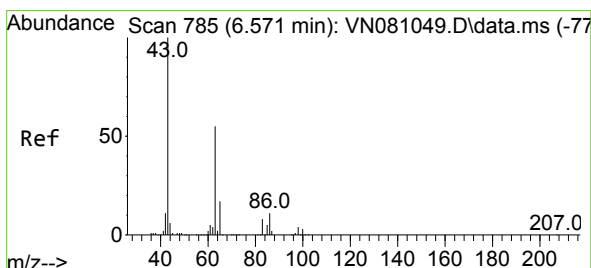
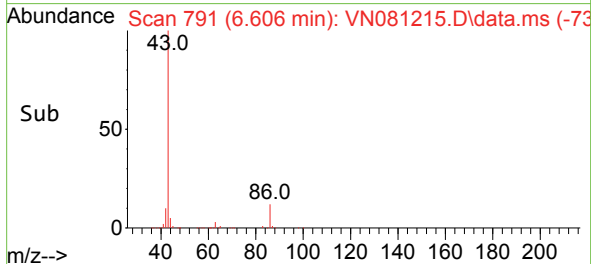
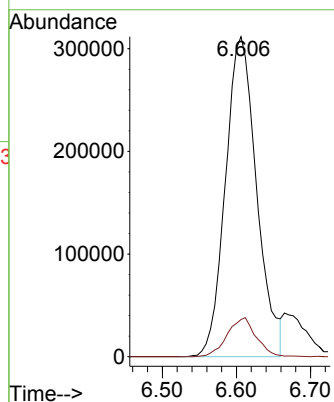
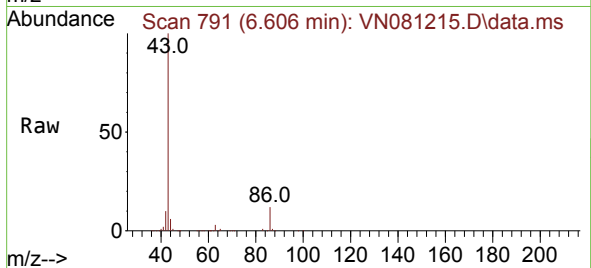




#23
 Vinyl Acetate
 Concen: 112.950 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

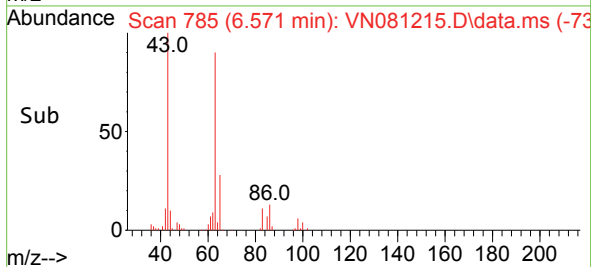
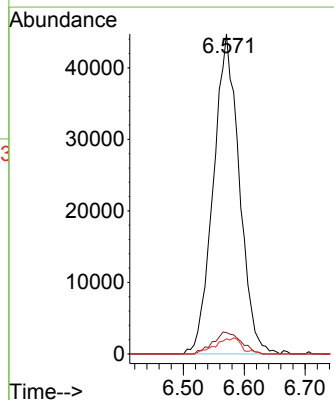
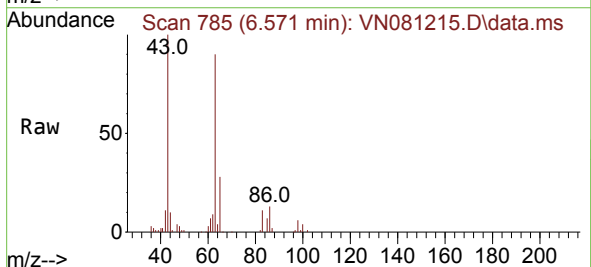
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS03

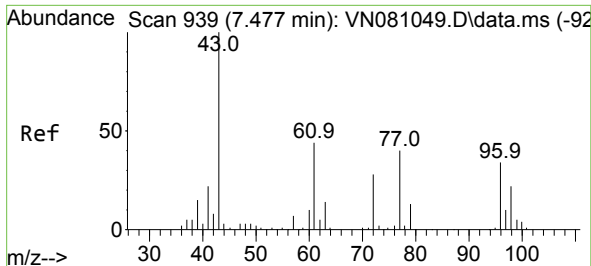
Tgt Ion: 43 Resp: 911682
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 23.008 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.000 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

Tgt Ion: 63 Resp: 132350
 Ion Ratio Lower Upper
 63 100
 98 6.7 2.9 8.6
 100 4.8 1.9 5.7

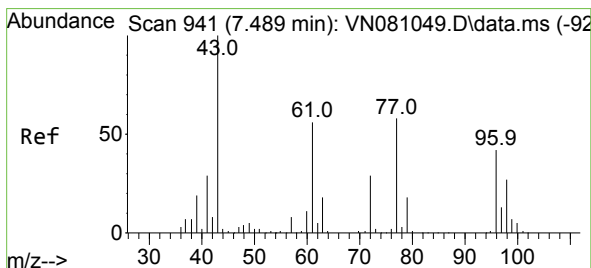
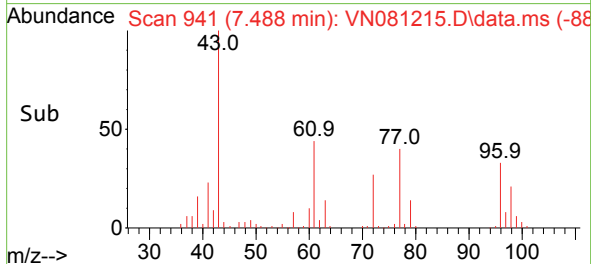
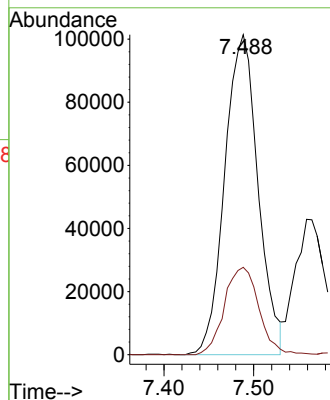
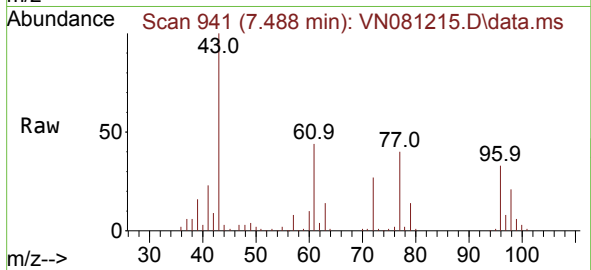




#25
2-Butanone
Concen: 128.352 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

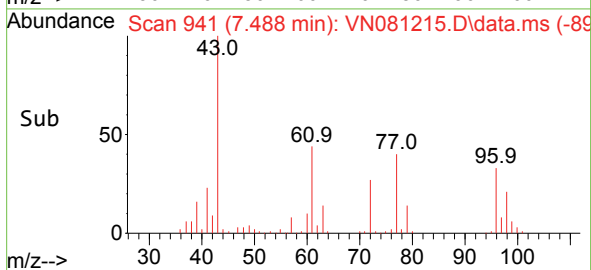
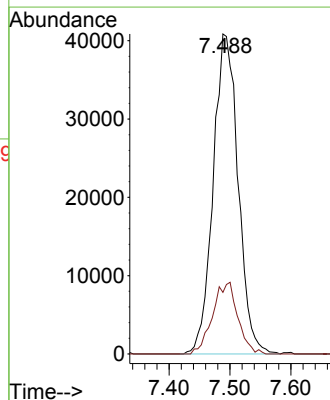
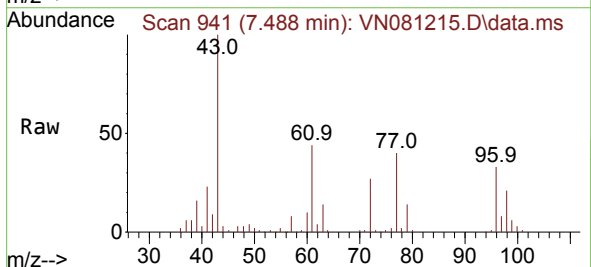
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

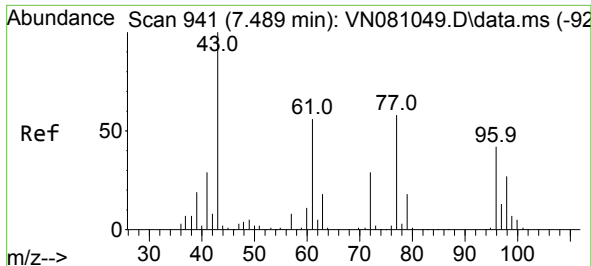
Tgt Ion: 43 Resp: 261383
Ion Ratio Lower Upper
43 100
72 27.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 21.572 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 77 Resp: 116269
Ion Ratio Lower Upper
77 100
97 22.6 11.5 34.5

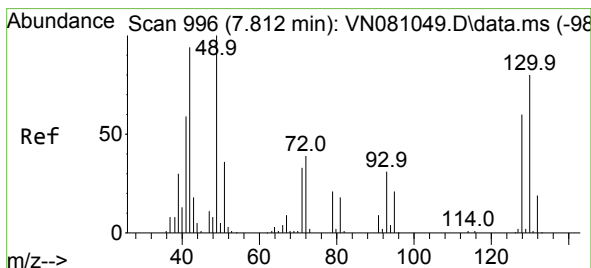
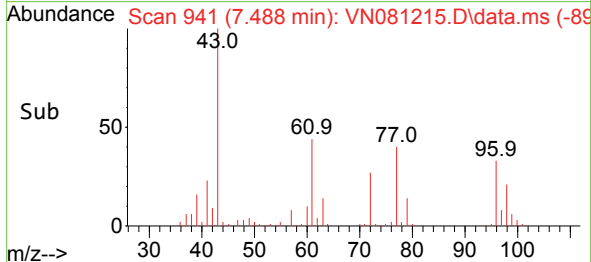
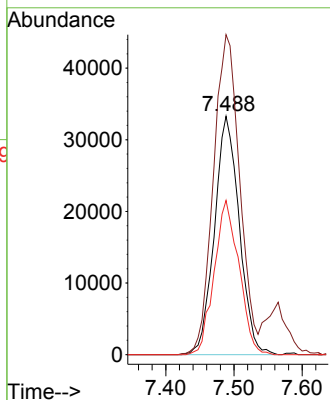
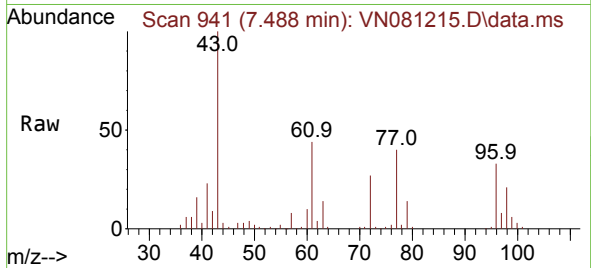




#27
cis-1,2-Dichloroethene
Concen: 22.042 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

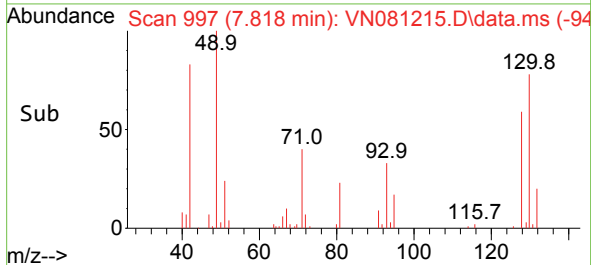
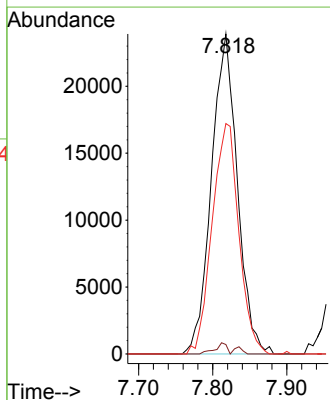
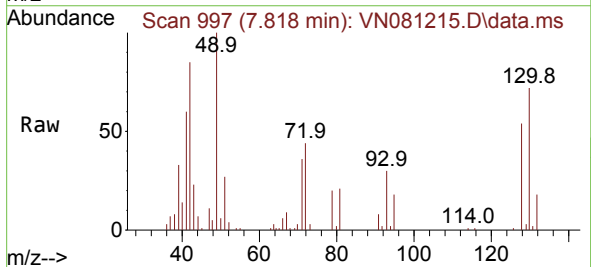
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

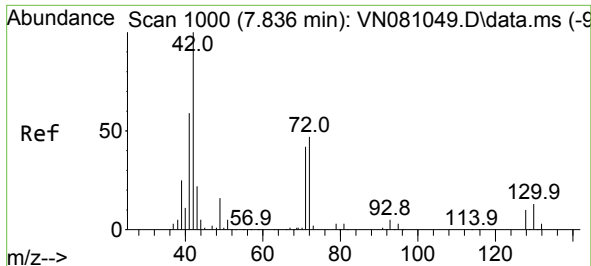
Tgt Ion: 96 Resp: 84453
Ion Ratio Lower Upper
96 100
61 142.1 0.0 325.4
98 64.5 0.0 130.4



#28
Bromochloromethane
Concen: 24.379 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 49 Resp: 58138
Ion Ratio Lower Upper
49 100
129 1.6 0.0 1.6
130 74.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 123.904 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

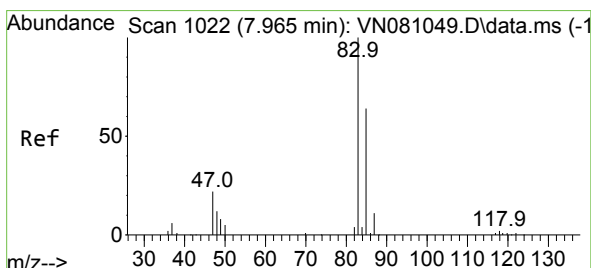
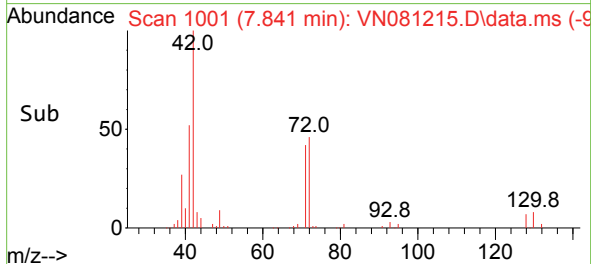
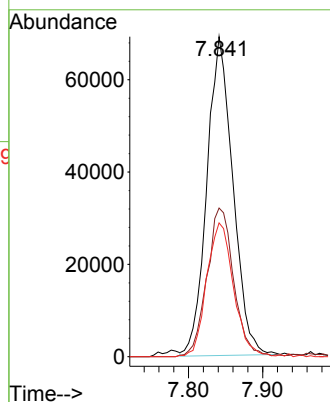
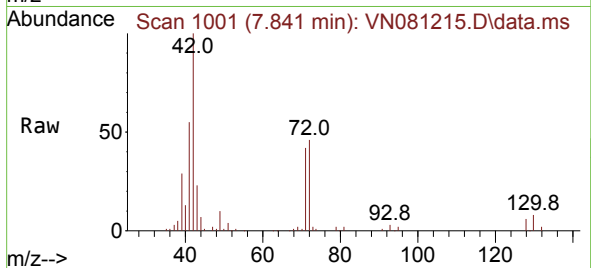
Tgt Ion: 42 Resp: 168439

Ion Ratio Lower Upper

42 100

72 48.1 31.1 46.7#

71 43.3 28.3 42.5#



#30

Chloroform

Concen: 22.945 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN081215.D

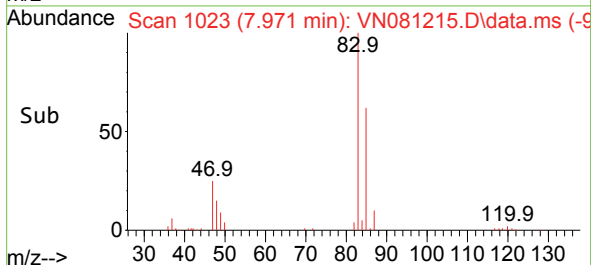
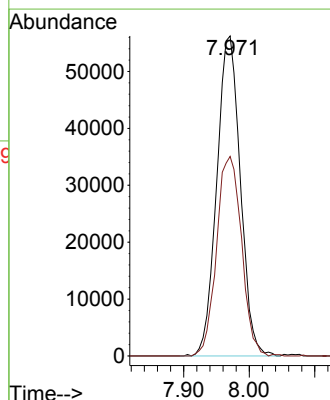
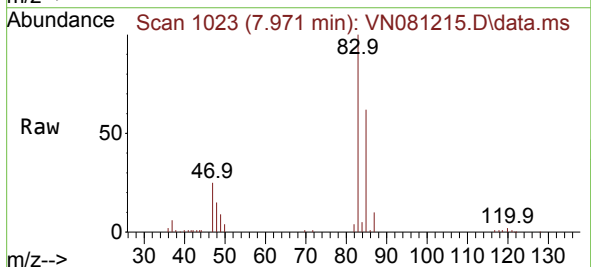
Acq: 27 Feb 2024 13:34

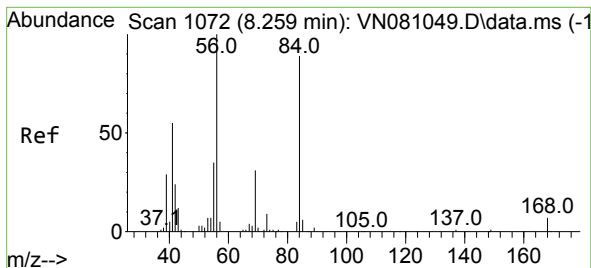
Tgt Ion: 83 Resp: 140311

Ion Ratio Lower Upper

83 100

85 62.3 51.0 76.6





#31

Cyclohexane

Concen: 20.288 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

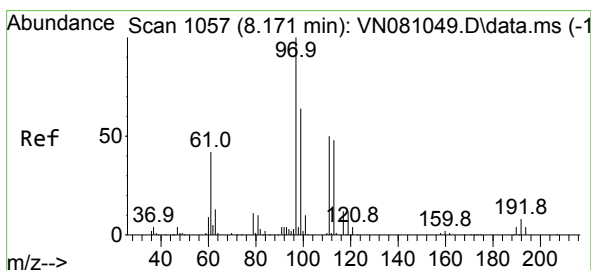
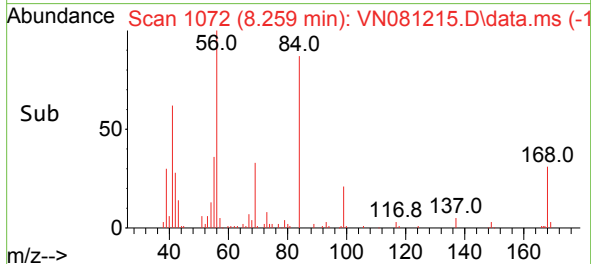
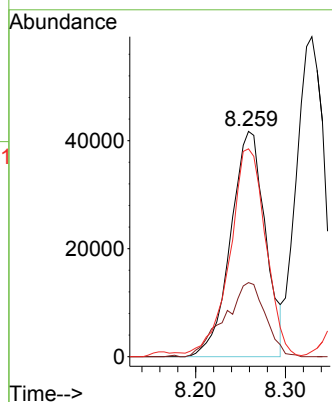
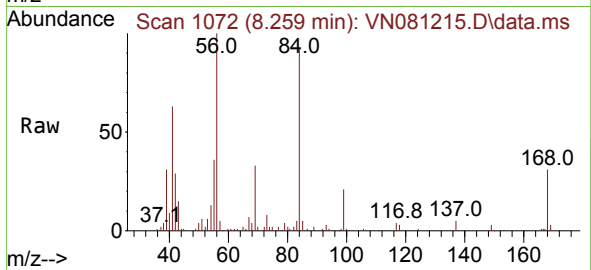
Tgt Ion: 56 Resp: 112224

Ion Ratio Lower Upper

56 100

69 32.9 20.1 30.1#

84 90.6 56.9 85.3#



#32

1,1,1-Trichloroethane

Concen: 22.753 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

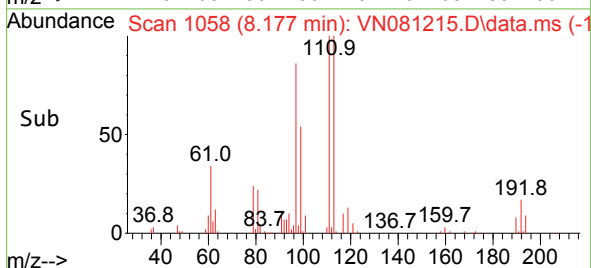
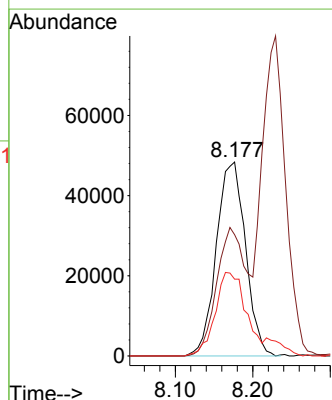
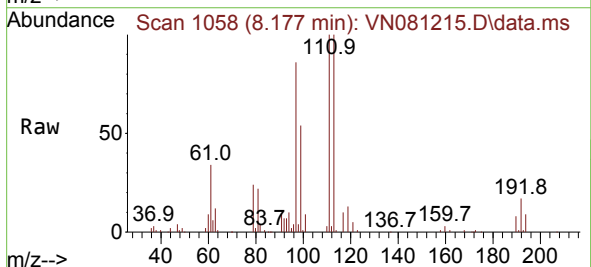
Tgt Ion: 97 Resp: 126716

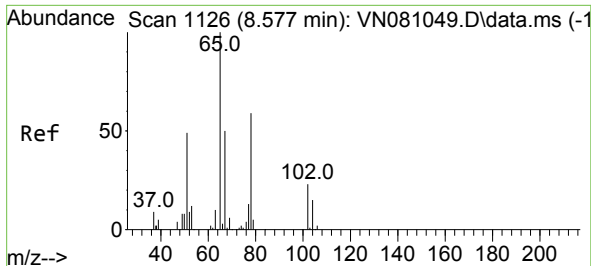
Ion Ratio Lower Upper

97 100

99 68.6 53.4 80.0

61 45.3 43.8 65.8

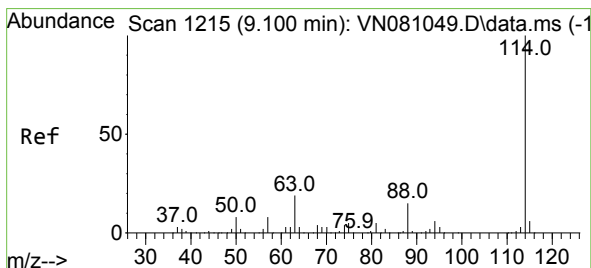
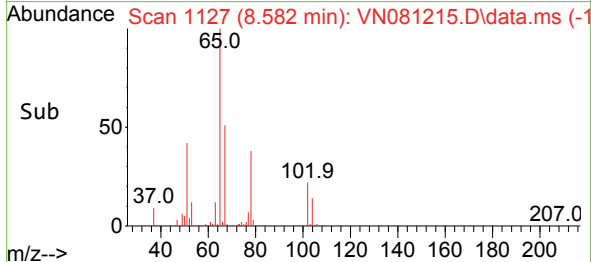
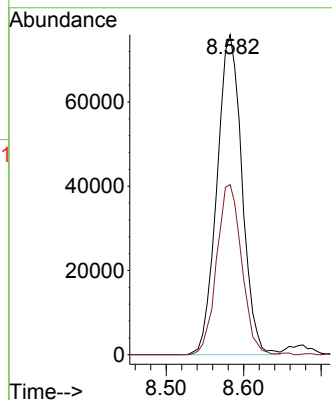
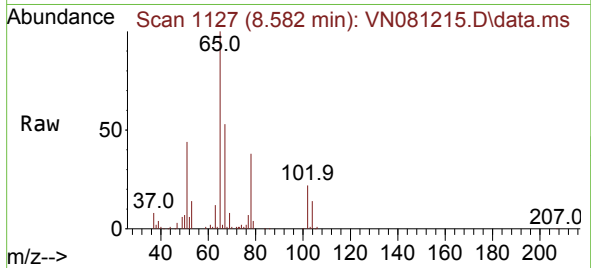




#33
 1,2-Dichloroethane-d4
 Concen: 53.262 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

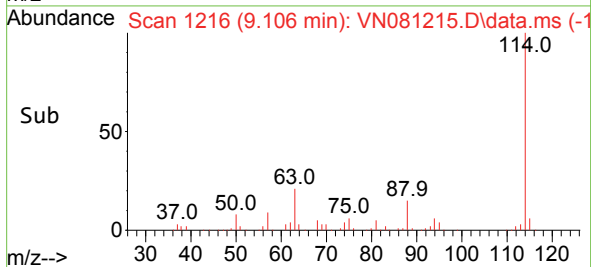
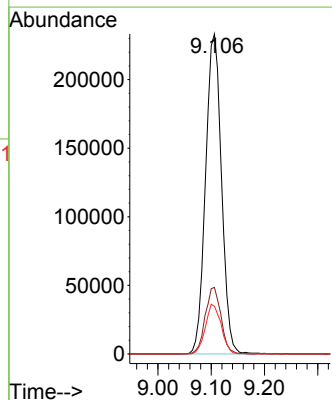
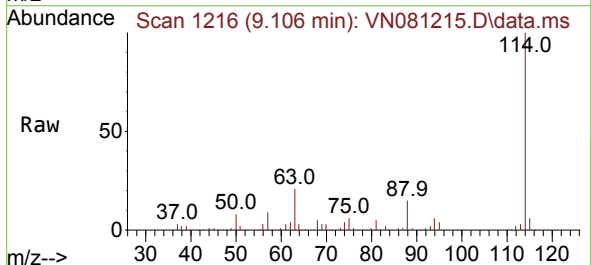
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS03

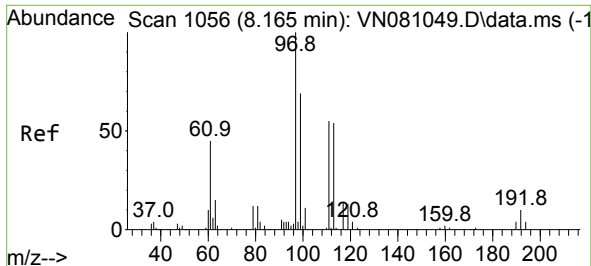
Tgt Ion: 65 Resp: 170630
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

Tgt Ion: 114 Resp: 484811
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 48.0
 88 14.9 0.0 34.8

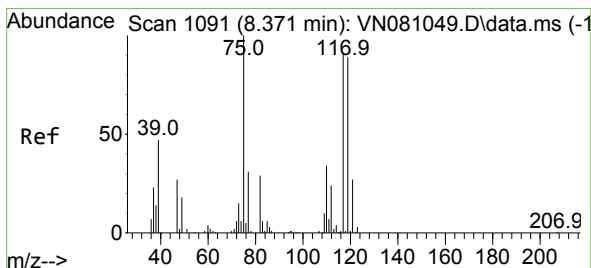
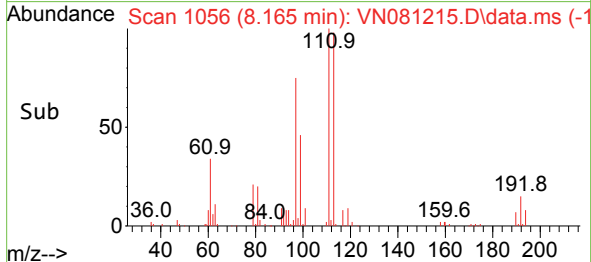
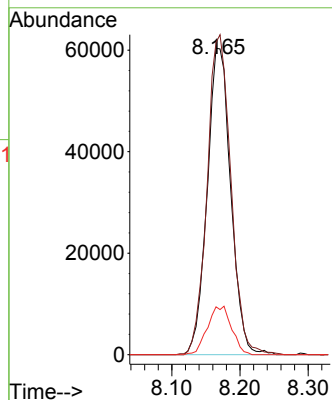
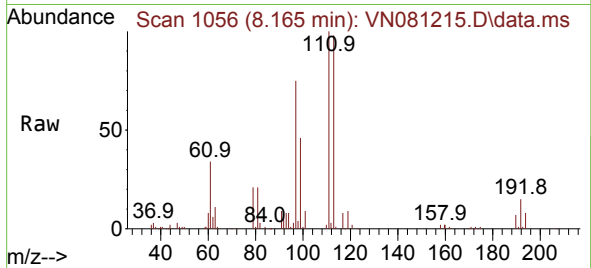




#35
Dibromofluoromethane
Concen: 53.144 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

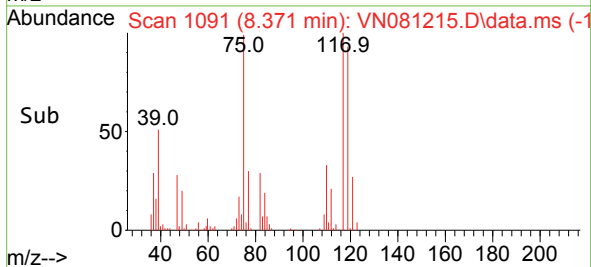
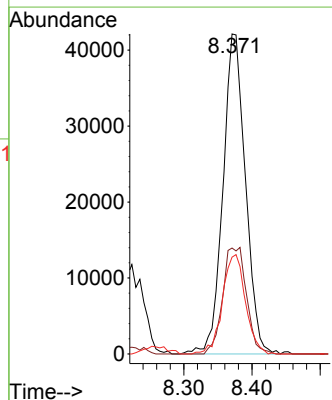
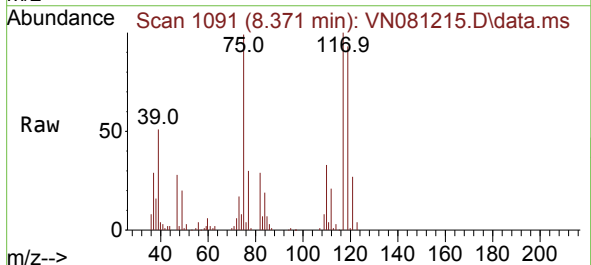
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

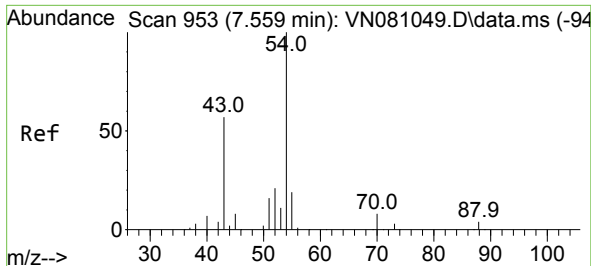
Tgt Ion:113 Resp: 145691
Ion Ratio Lower Upper
113 100
111 105.0 82.2 123.4
192 16.1 12.5 18.7



#36
1,1-Dichloropropene
Concen: 20.617 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 75 Resp: 96831
Ion Ratio Lower Upper
75 100
110 35.2 16.0 48.0
77 31.8 25.8 38.6

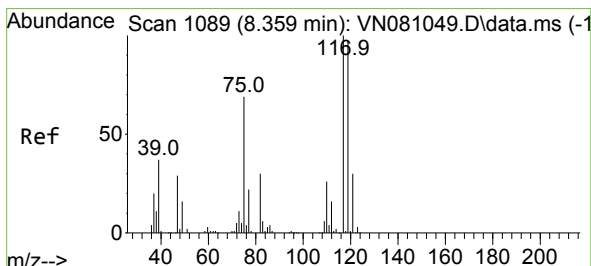
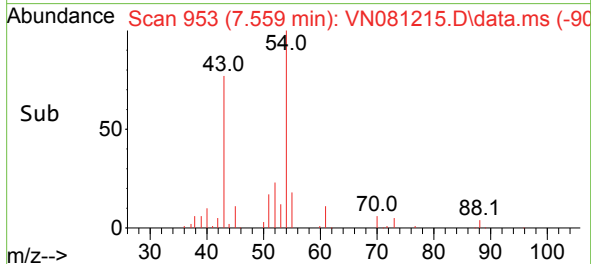
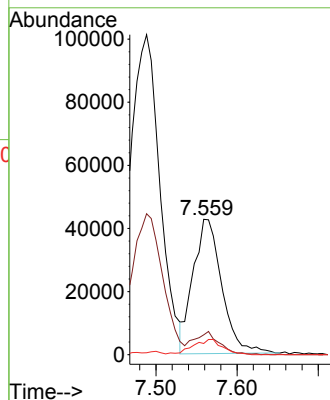
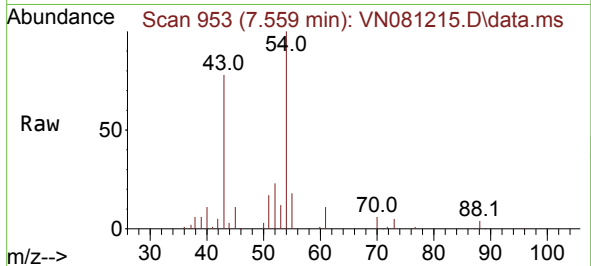




#37
Ethyl Acetate
Concen: 24.690 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

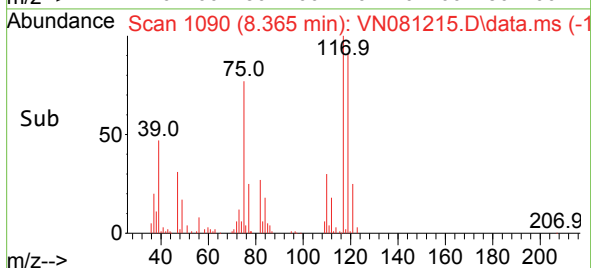
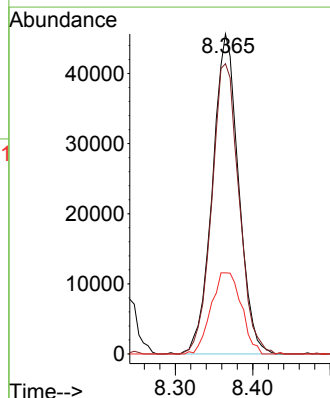
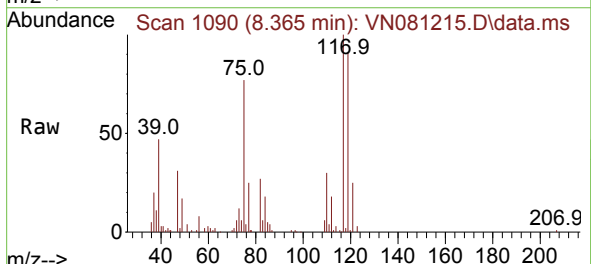
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

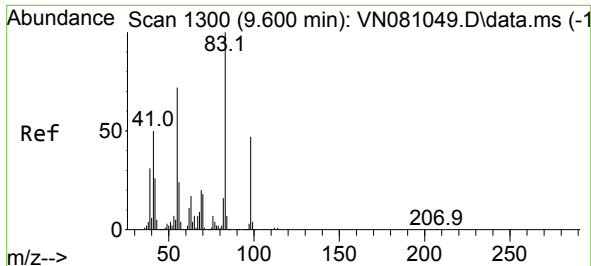
Tgt Ion: 43 Resp: 104658
Ion Ratio Lower Upper
43 100
61 15.3 10.6 15.8
70 11.8 8.0 12.0



#38
Carbon Tetrachloride
Concen: 22.523 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 117 Resp: 107026
Ion Ratio Lower Upper
117 100
119 90.7 73.4 110.2
121 25.4 24.4 36.6





#39

Methylcyclohexane

Concen: 20.825 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

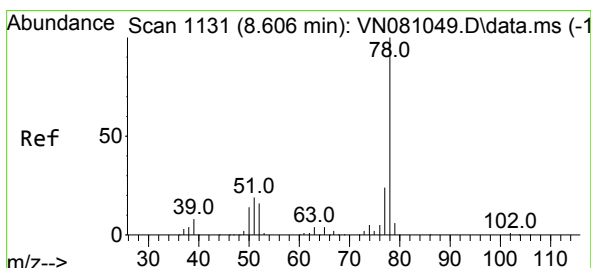
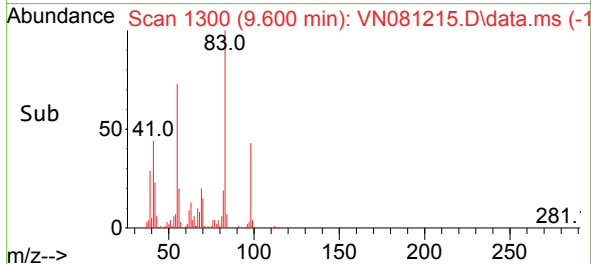
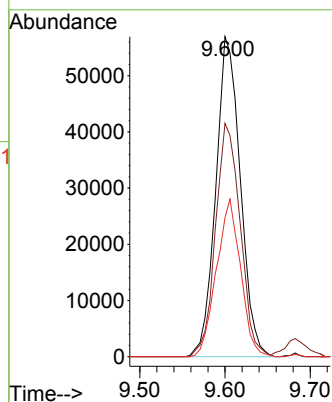
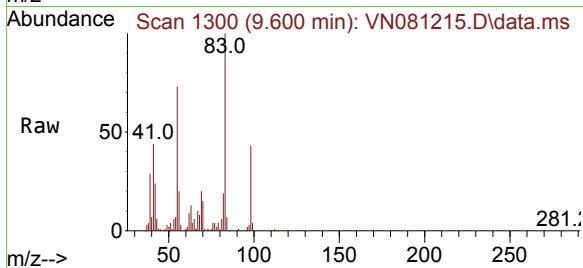
Tgt Ion: 83 Resp: 114020

Ion Ratio Lower Upper

83 100

55 72.9 65.7 98.5

98 43.4 33.8 50.6



#40

Benzene

Concen: 22.058 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VN081215.D

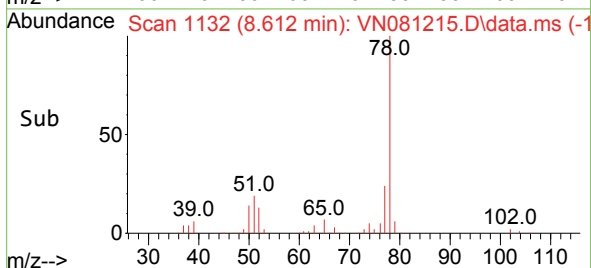
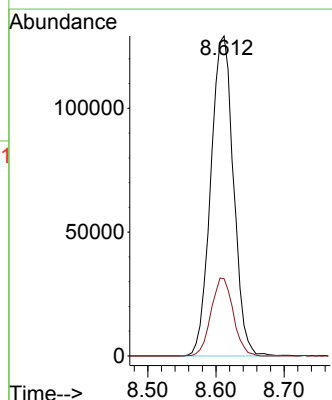
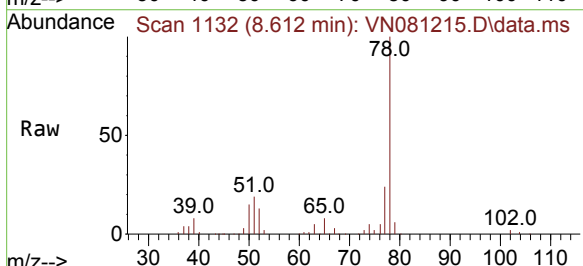
Acq: 27 Feb 2024 13:34

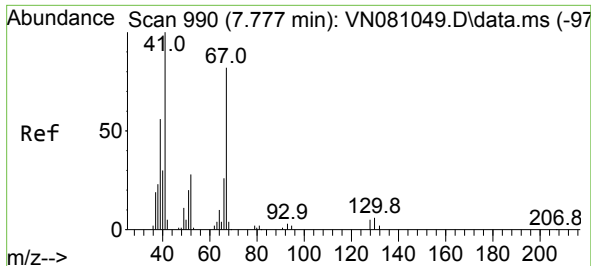
Tgt Ion: 78 Resp: 299869

Ion Ratio Lower Upper

78 100

77 24.2 20.4 30.6

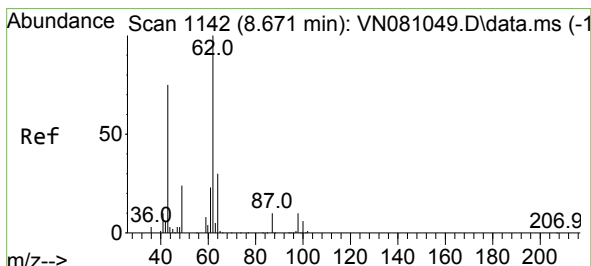
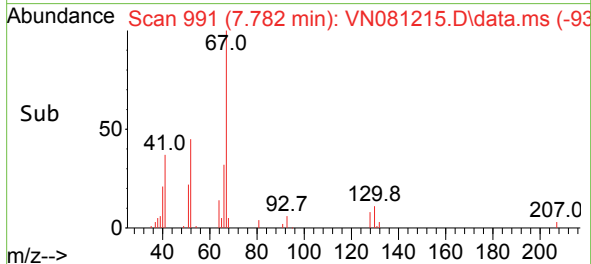
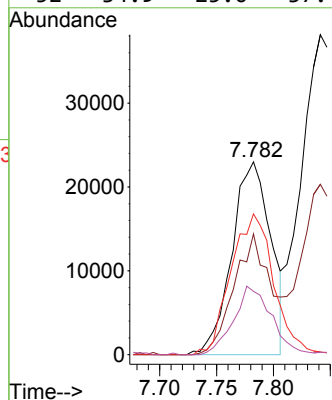
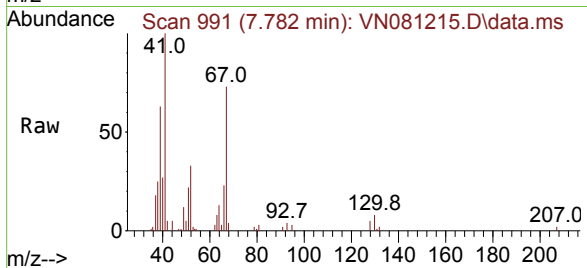




#41
Methacrylonitrile
Concen: 22.661 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

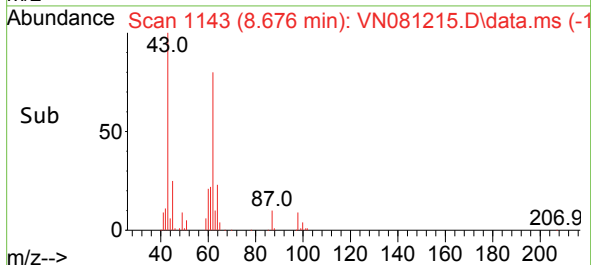
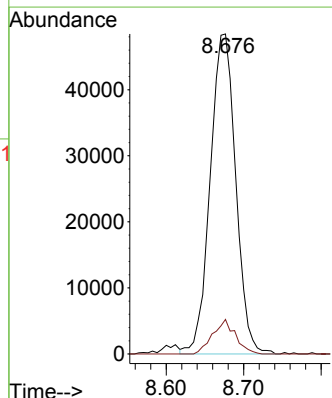
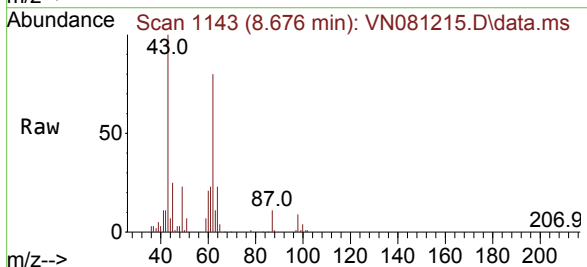
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

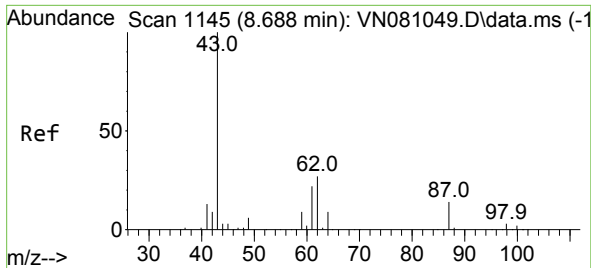
Tgt Ion: 41	Resp: 54668
Ion Ratio	Lower Upper
41 100	
39 58.3	48.4 72.6
67 80.6	56.8 85.2
52 34.9	25.0 37.4



#42
1,2-Dichloroethane
Concen: 23.397 ug/l
RT: 8.676 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 62	Resp: 110972
Ion Ratio	Lower Upper
62 100	
98 9.6	0.0 18.0

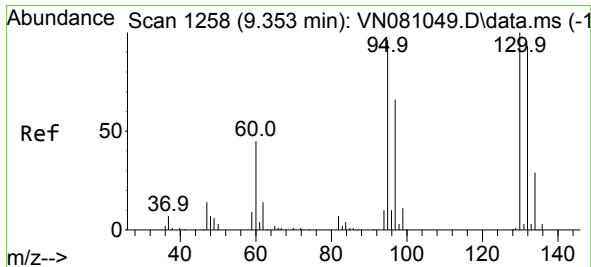
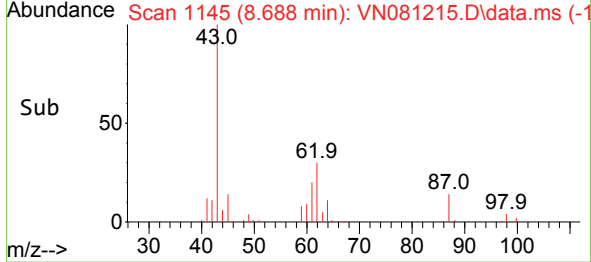
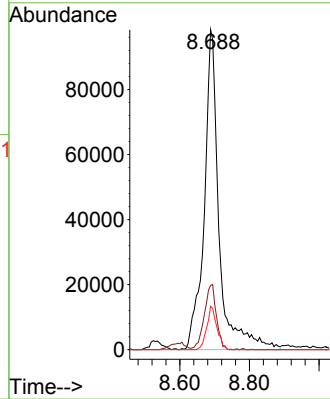
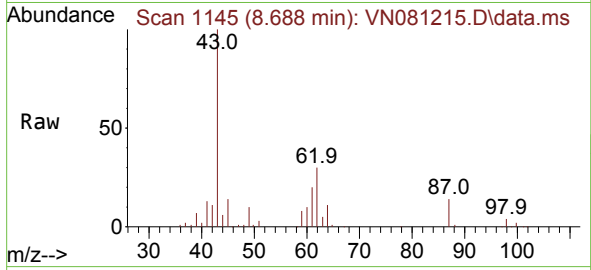




#43
Isopropyl Acetate
Concen: 39.297 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

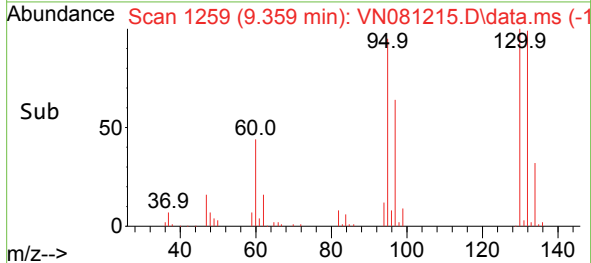
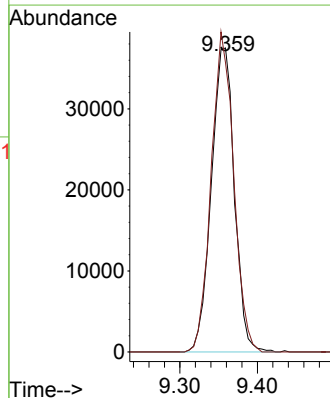
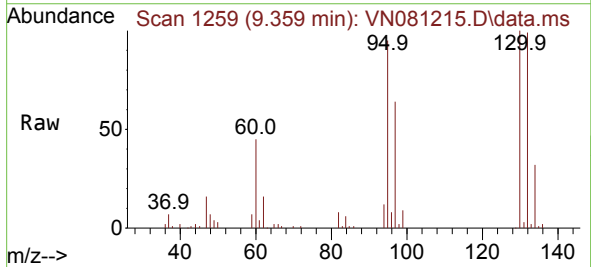
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

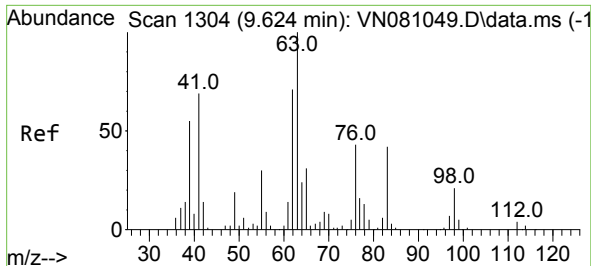
Tgt Ion: 43 Resp: 291322
Ion Ratio Lower Upper
43 100
61 16.6 19.9 29.9#
87 9.2 9.0 13.6



#44
Trichloroethene
Concen: 21.415 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:130 Resp: 77540
Ion Ratio Lower Upper
130 100
95 95.2 0.0 210.4





#45

1,2-Dichloropropane

Concen: 22.896 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

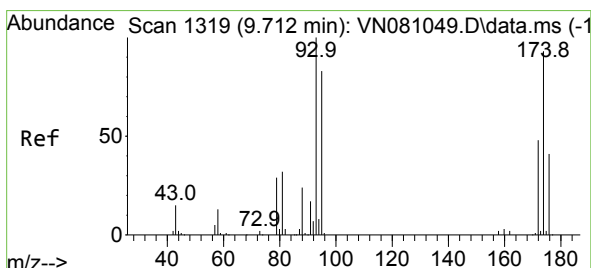
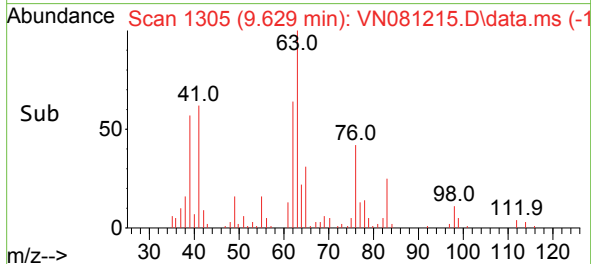
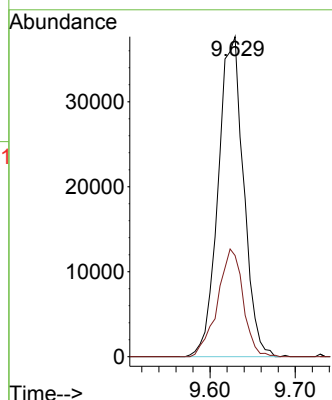
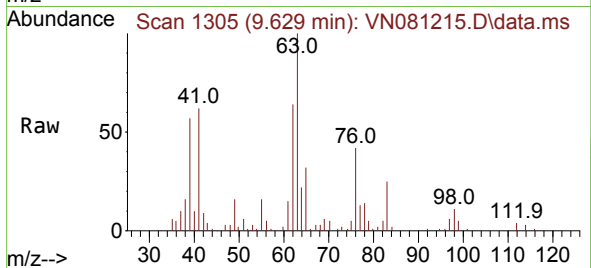
VN0227WBS03

Tgt Ion: 63 Resp: 77862

Ion Ratio Lower Upper

63 100

65 31.6 26.1 39.1



#46

Dibromomethane

Concen: 22.339 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

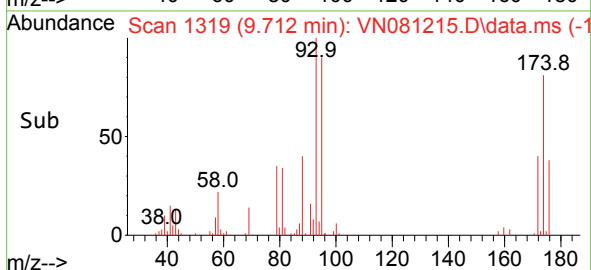
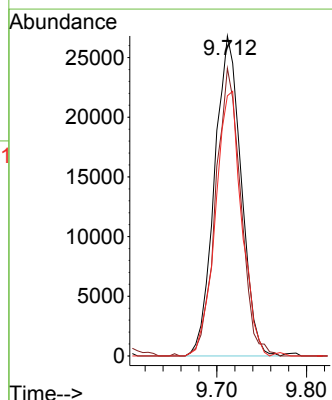
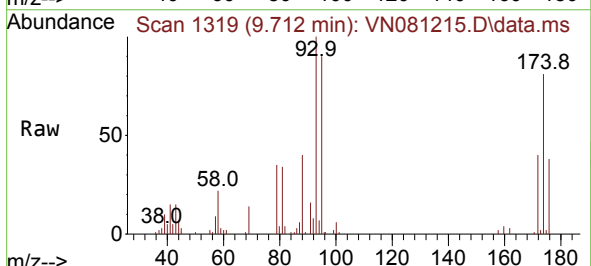
Tgt Ion: 93 Resp: 55350

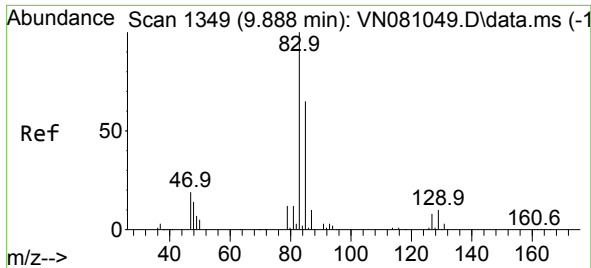
Ion Ratio Lower Upper

93 100

95 84.6 68.1 102.1

174 81.4 57.2 85.8

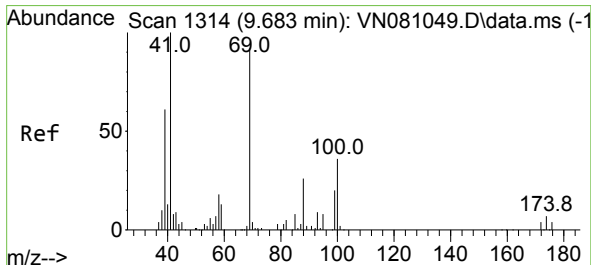
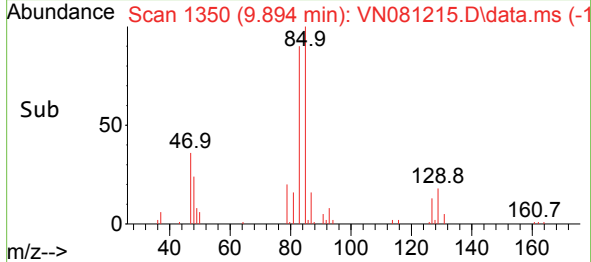
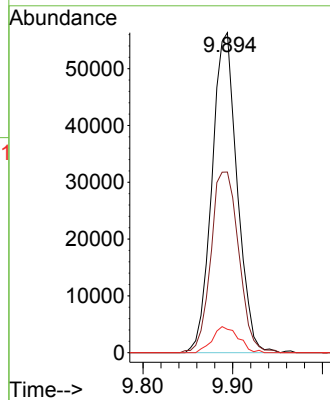
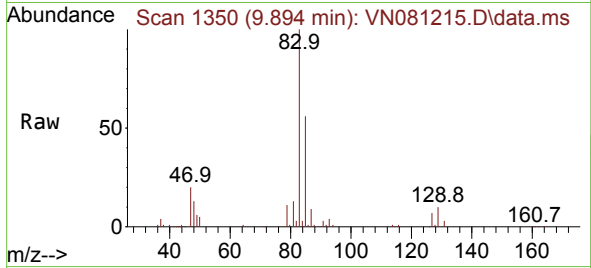




#47
Bromodichloromethane
Concen: 23.460 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

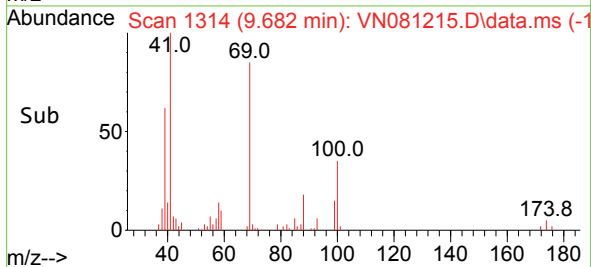
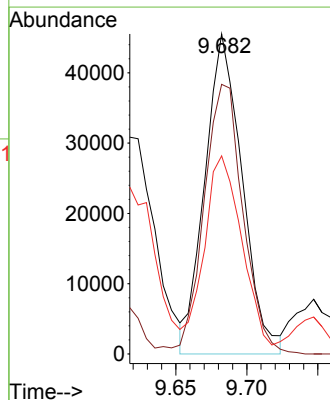
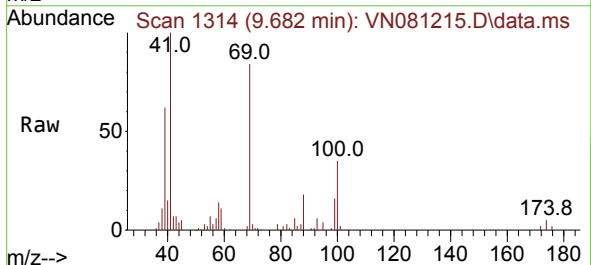
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

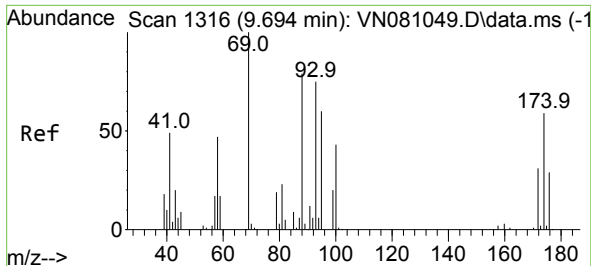
Tgt Ion: 83 Resp: 110092
Ion Ratio Lower Upper
83 100
85 56.5 52.3 78.5
127 7.3 4.6 7.0#



#48
Methyl methacrylate
Concen: 24.085 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 41 Resp: 83082
Ion Ratio Lower Upper
41 100
69 87.9 62.2 93.2
39 63.8 47.6 71.4

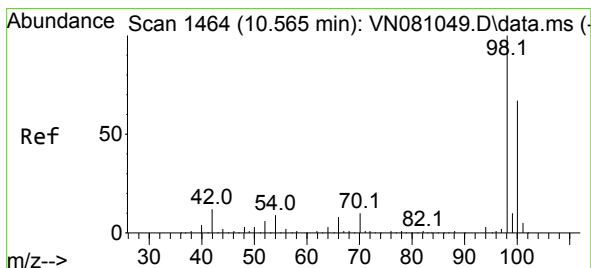
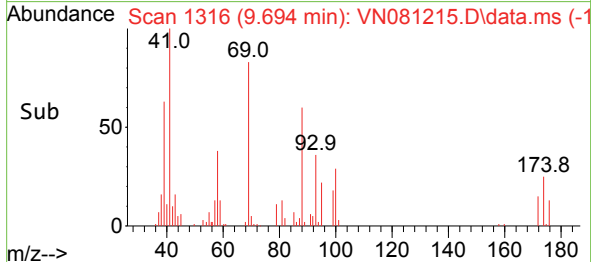
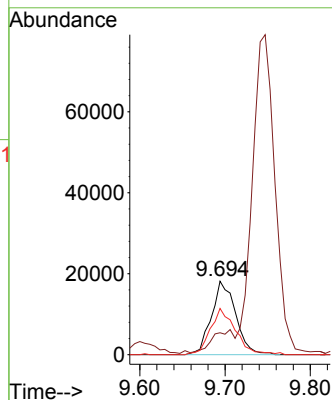
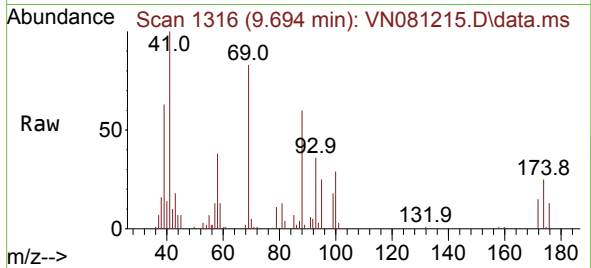




#49
1,4-Dioxane
Concen: 549.335 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

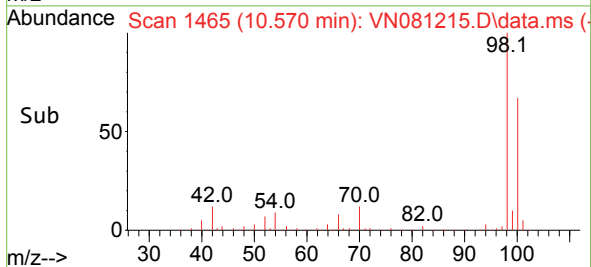
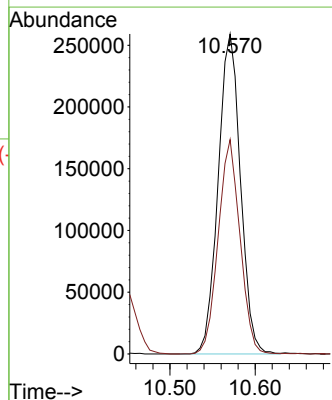
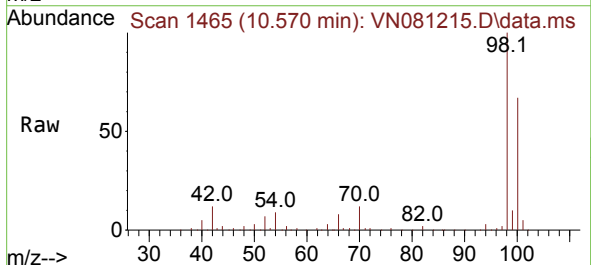
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

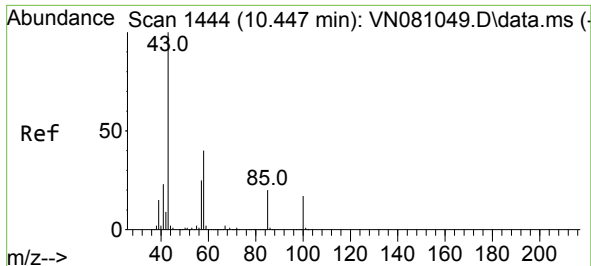
Tgt Ion: 88 Resp: 36013
Ion Ratio Lower Upper
88 100
43 20.3 30.1 45.1#
58 65.5 63.9 95.9



#50
Toluene-d8
Concen: 48.406 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 98 Resp: 471321
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.0

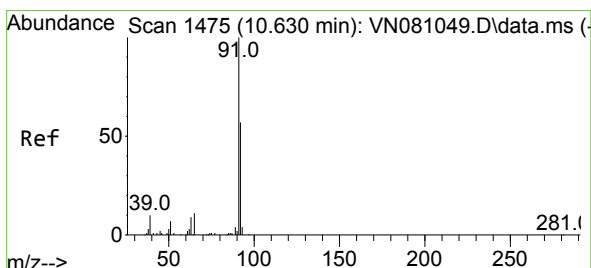
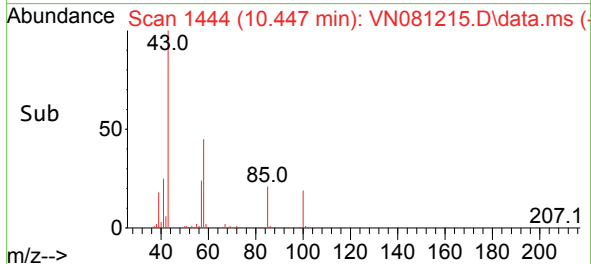
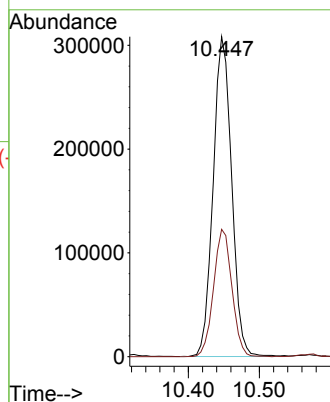
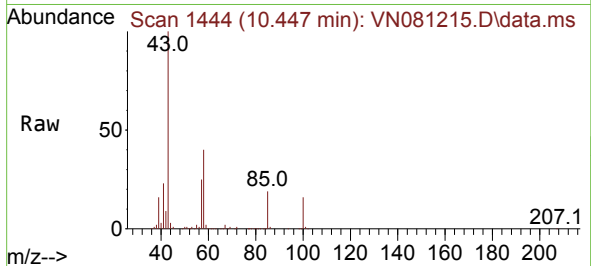




#51
4-Methyl-2-Pentanone
Concen: 130.361 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

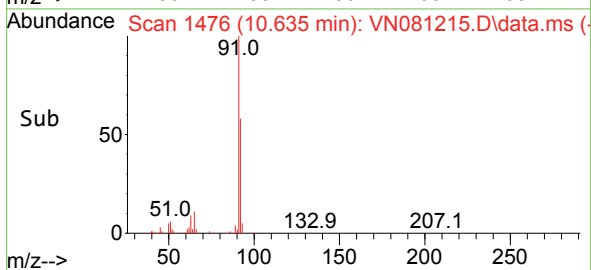
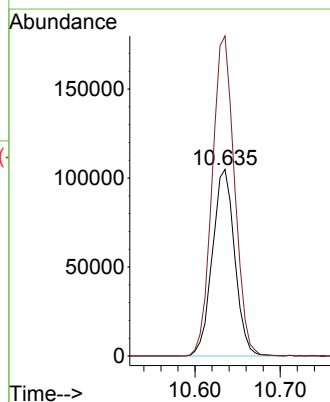
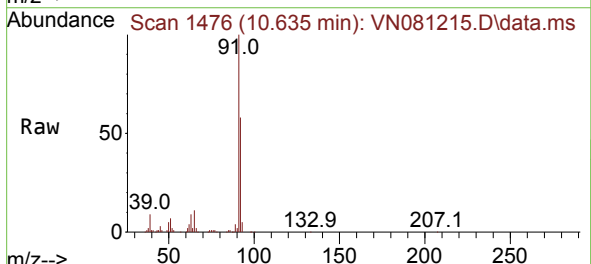
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

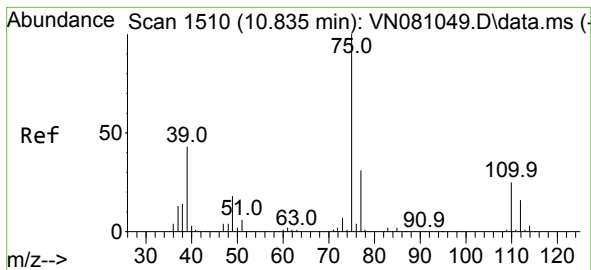
Tgt Ion: 43 Resp: 555933
Ion Ratio Lower Upper
43 100
58 39.6 29.4 44.0



#52
Toluene
Concen: 22.123 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 92 Resp: 190401
Ion Ratio Lower Upper
92 100
91 172.2 139.4 209.0

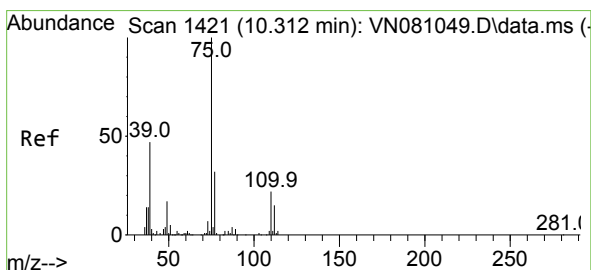
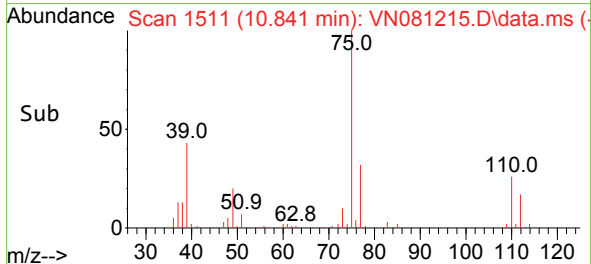
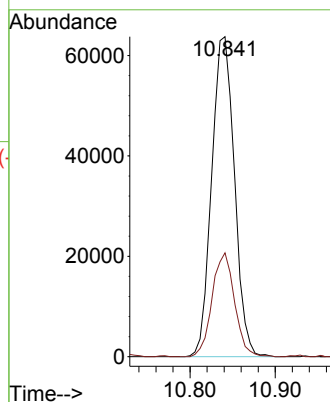
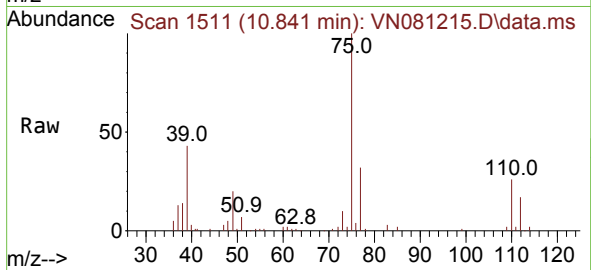




#53
 t-1,3-Dichloropropene
 Concen: 22.683 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

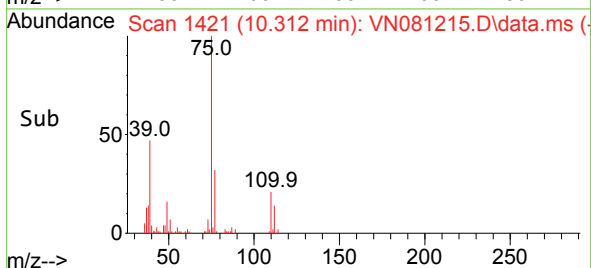
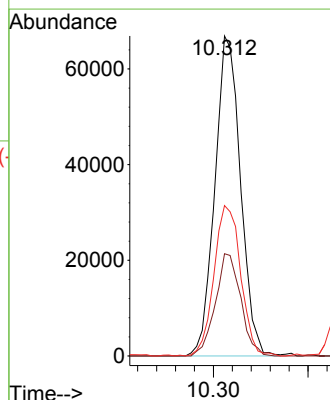
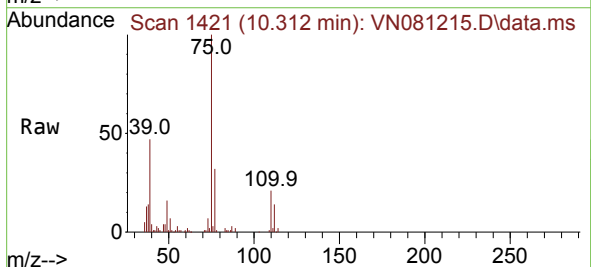
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS03

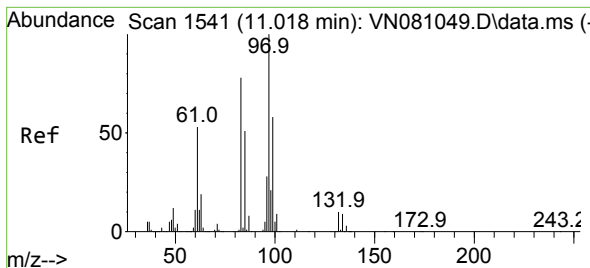
Tgt Ion: 75 Resp: 118285
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 22.326 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

Tgt Ion: 75 Resp: 125790
 Ion Ratio Lower Upper
 75 100
 77 31.9 23.3 34.9
 39 47.0 44.6 66.8

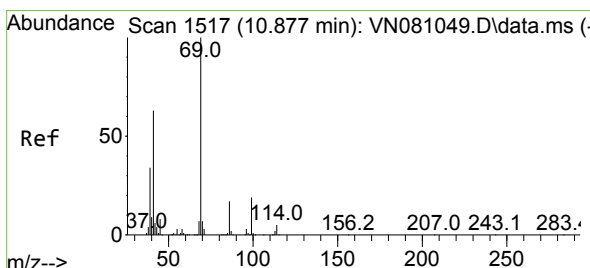
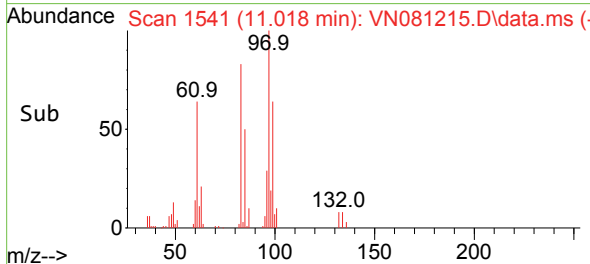
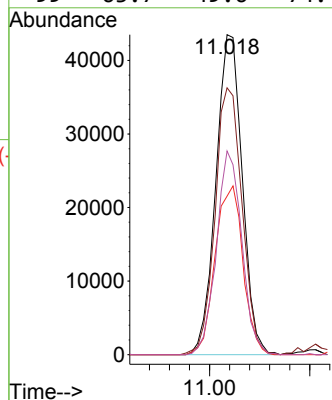
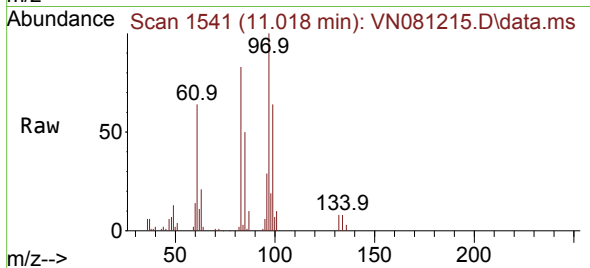




#55
1,1,2-Trichloroethane
Concen: 23.959 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

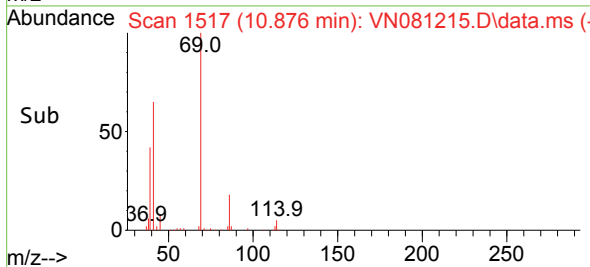
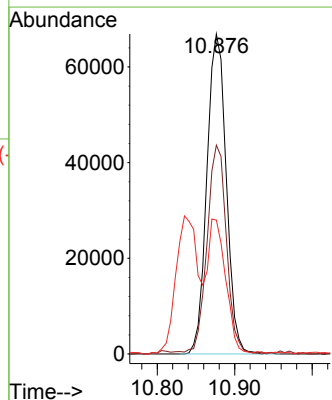
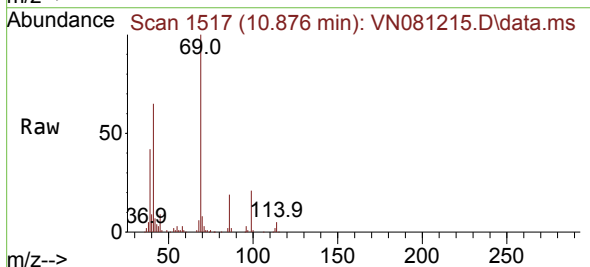
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

Tgt Ion:	97	Resp:	79309
Ion	Ratio	Lower	Upper
97	100		
83	83.4	72.9	109.3
85	49.5	50.2	75.2#
99	63.7	49.6	74.4



#56
Ethyl methacrylate
Concen: 22.951 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:	69	Resp:	116108
Ion	Ratio	Lower	Upper
69	100		
41	65.7	61.0	91.6
39	38.5	31.8	47.6





#57

1,3-Dichloropropane

Concen: 23.014 ug/l

RT: 11.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

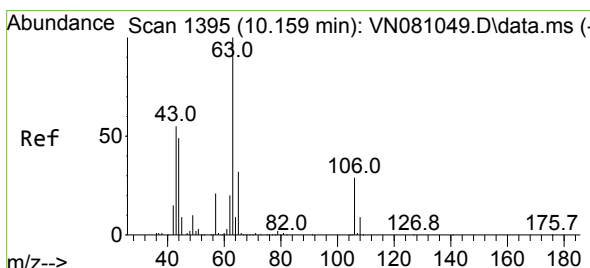
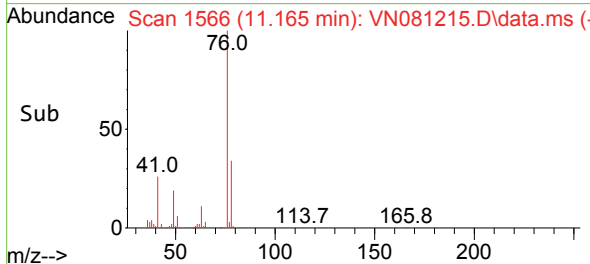
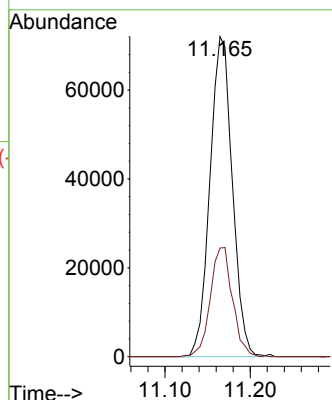
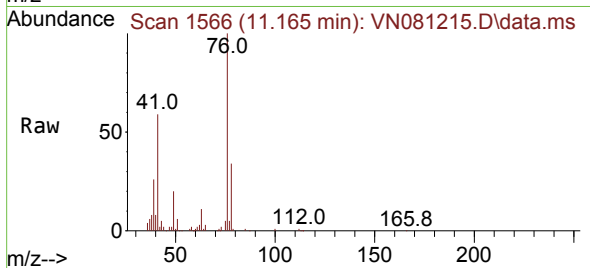
VN0227WBS03

Tgt Ion: 76 Resp: 131722

Ion Ratio Lower Upper

76 100

78 33.8 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 112.114 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081215.D

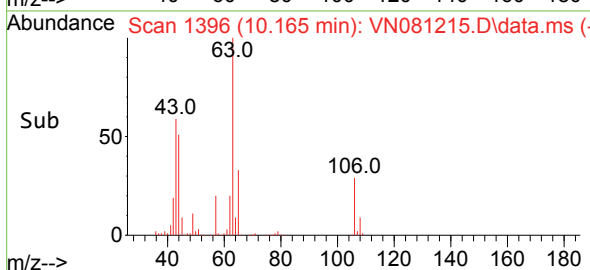
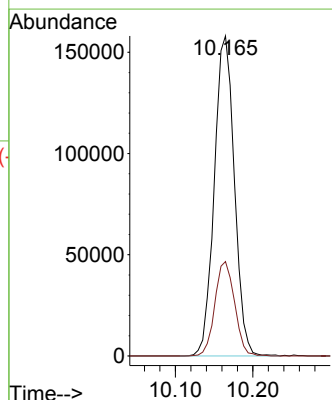
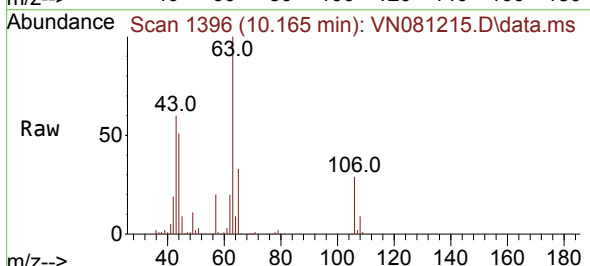
Acq: 27 Feb 2024 13:34

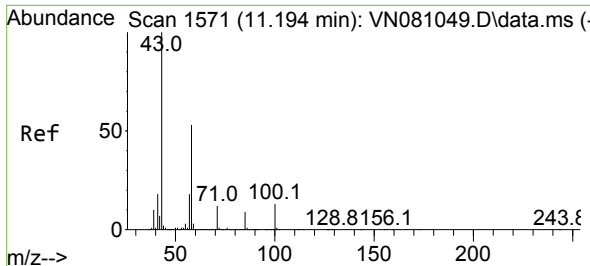
Tgt Ion: 63 Resp: 284584

Ion Ratio Lower Upper

63 100

106 29.0 18.6 28.0#

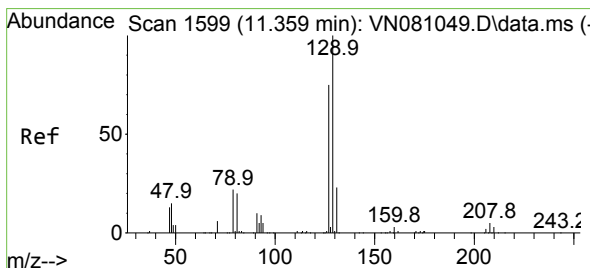
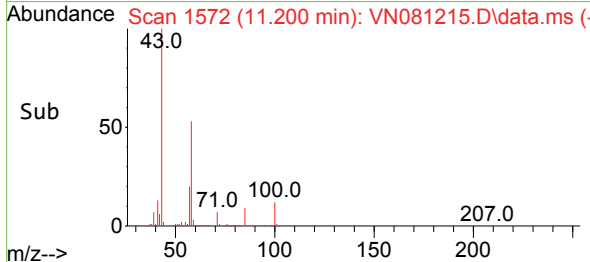
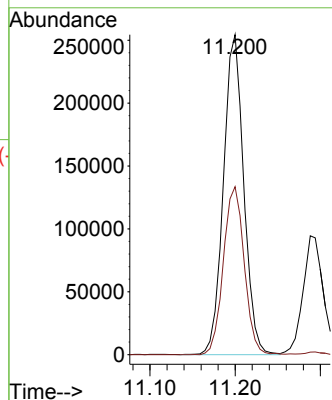
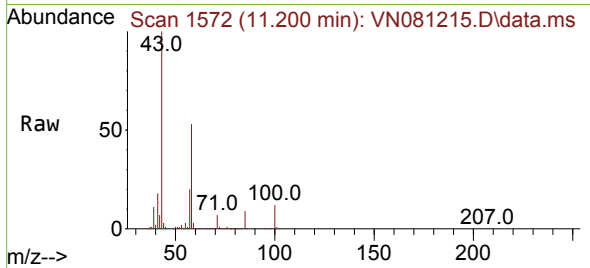




#59
2-Hexanone
Concen: 124.827 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

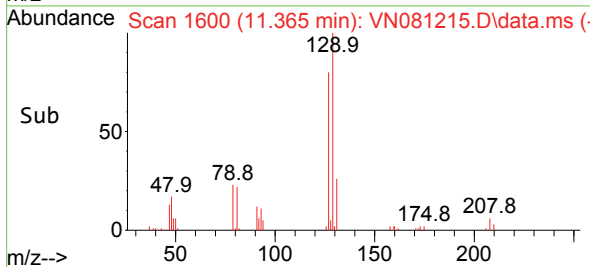
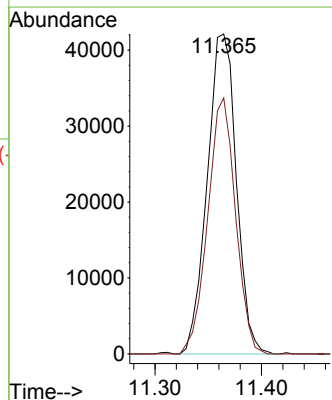
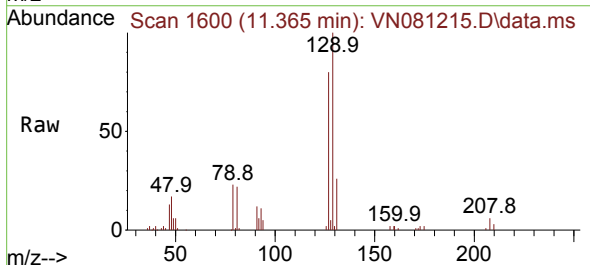
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

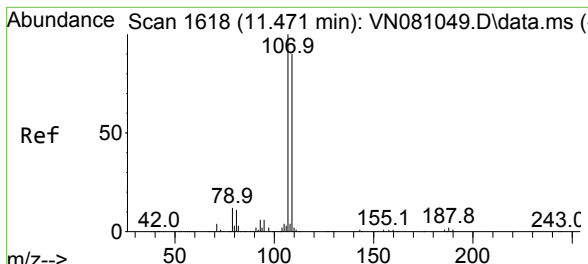
Tgt Ion: 43 Resp: 422037
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.8



#60
Dibromochloromethane
Concen: 22.758 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:129 Resp: 80030
Ion Ratio Lower Upper
129 100
127 76.3 39.4 118.2

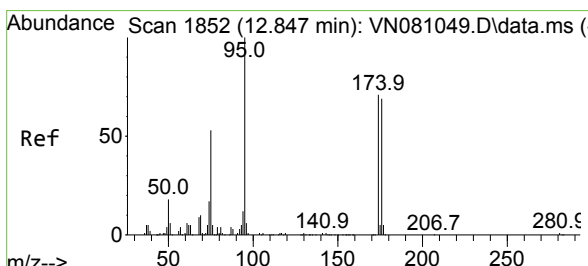
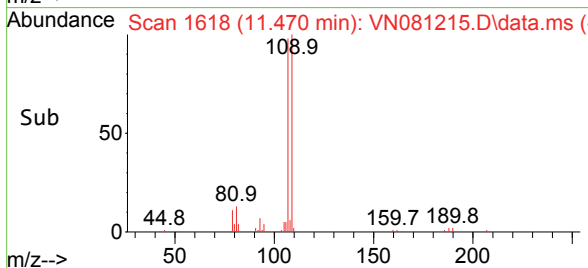
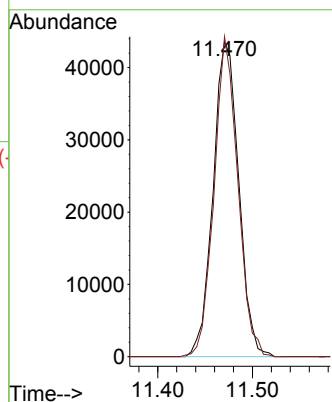
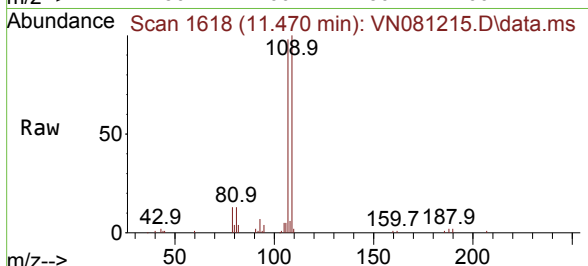




#61
1,2-Dibromoethane
Concen: 23.555 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

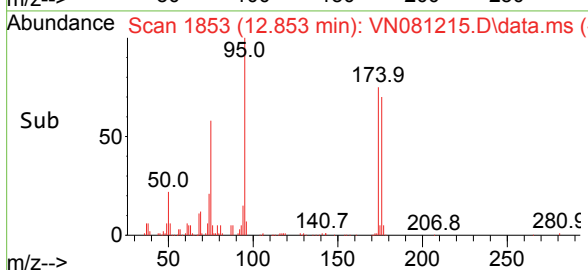
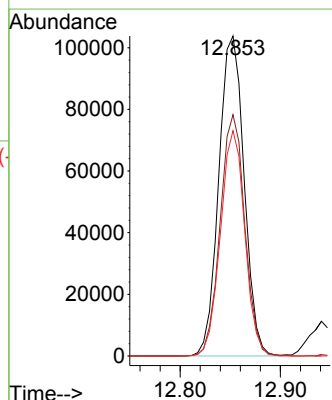
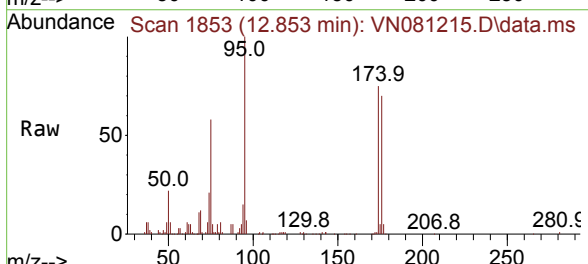
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

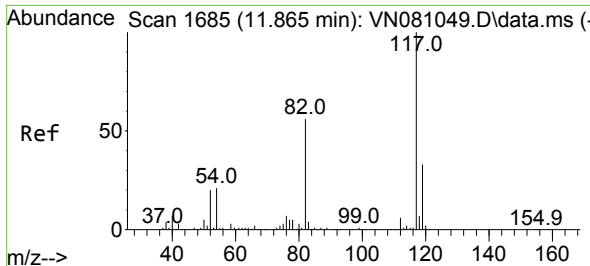
Tgt Ion:107 Resp: 81992
Ion Ratio Lower Upper
107 100
109 93.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 95 Resp: 181811
Ion Ratio Lower Upper
95 100
174 73.4 0.0 120.4
176 67.5 0.0 121.0

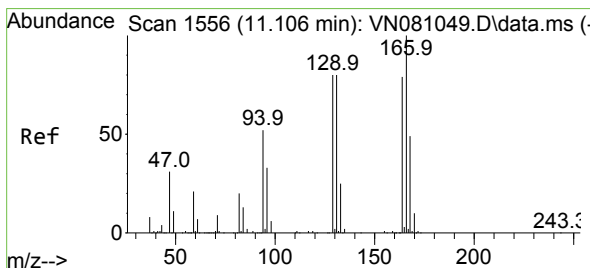
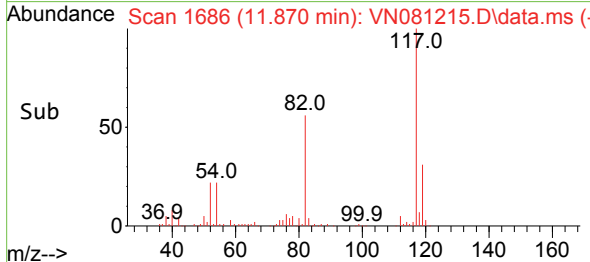
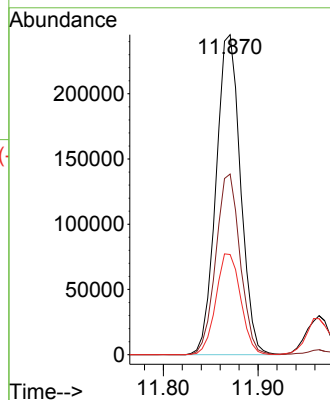
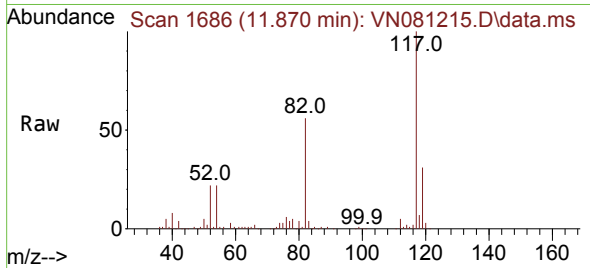




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

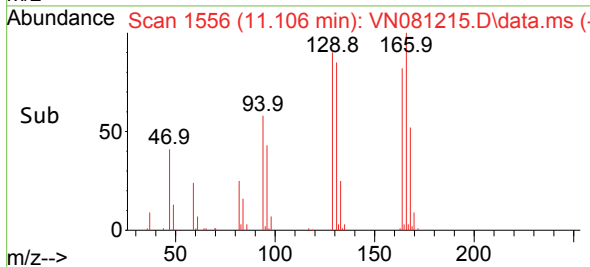
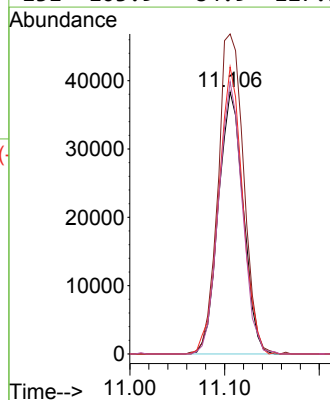
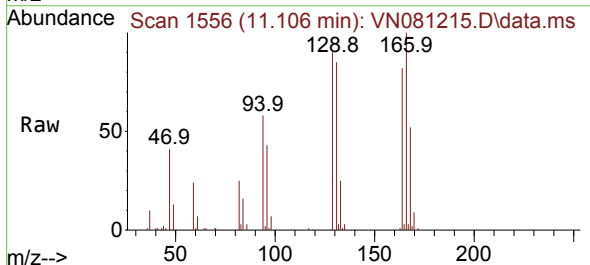
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

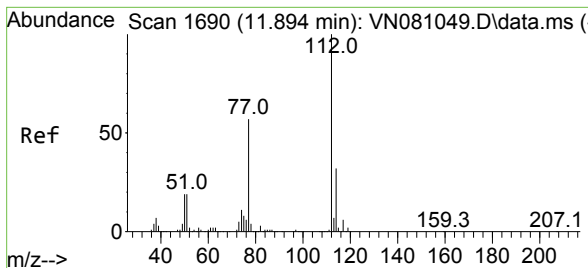
Tgt Ion:117 Resp: 440324
Ion Ratio Lower Upper
117 100
82 56.5 52.7 79.1
119 31.3 25.3 37.9



#64
Tetrachloroethene
Concen: 23.230 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:164 Resp: 69812
Ion Ratio Lower Upper
164 100
166 122.1 105.8 158.6
129 109.5 89.6 134.4
131 103.9 84.9 127.3

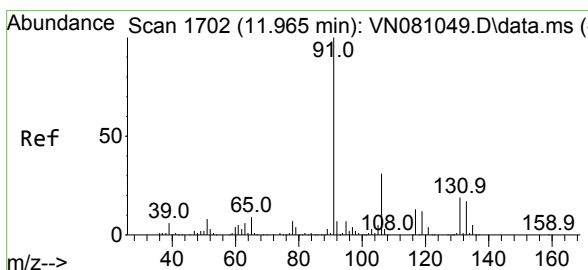
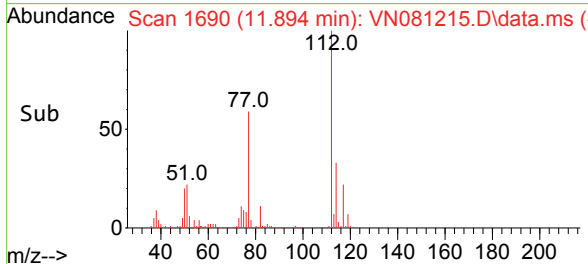
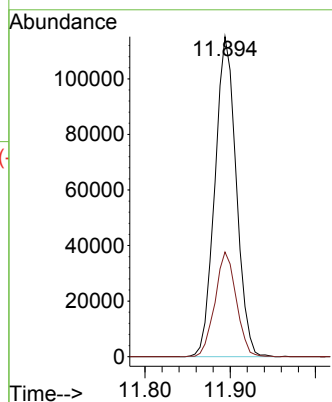
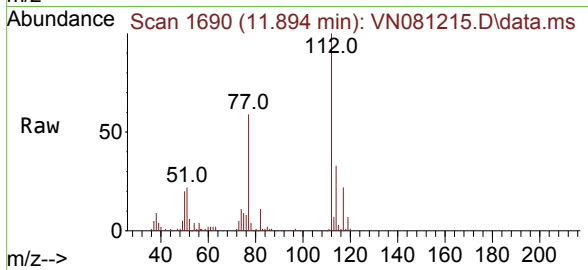




#65
Chlorobenzene
Concen: 21.038 ug/l
RT: 11.894 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

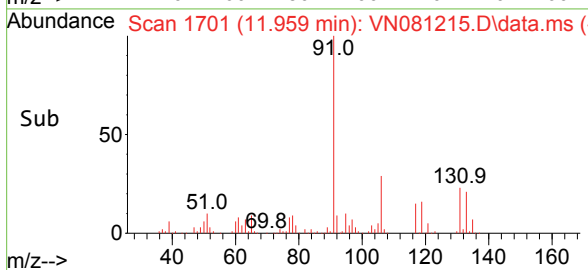
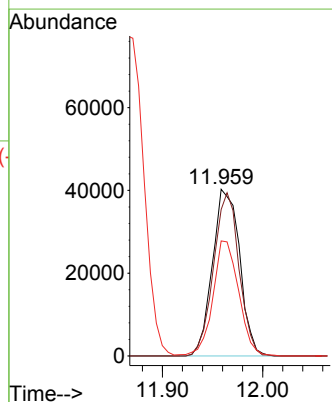
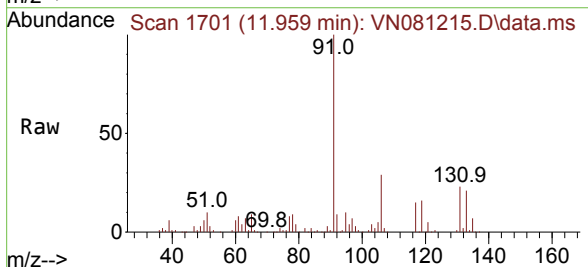
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

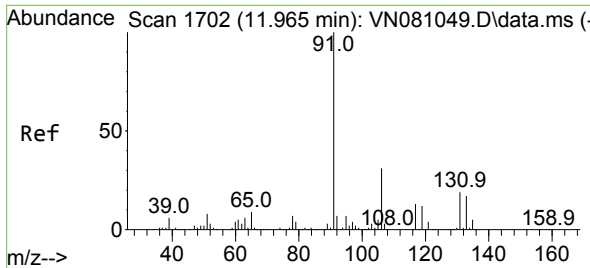
Tgt Ion:112 Resp: 200487
Ion Ratio Lower Upper
112 100
114 32.7 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.216 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:131 Resp: 76043
Ion Ratio Lower Upper
131 100
133 91.6 46.8 140.3
119 65.4 34.6 103.9

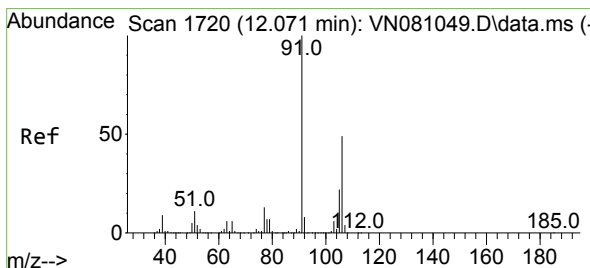
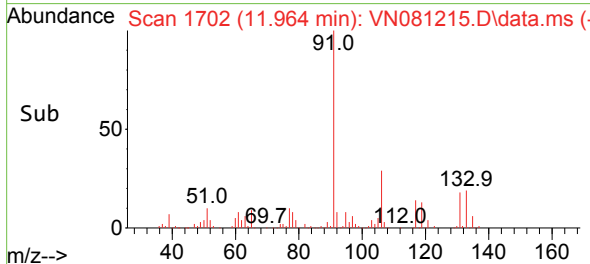
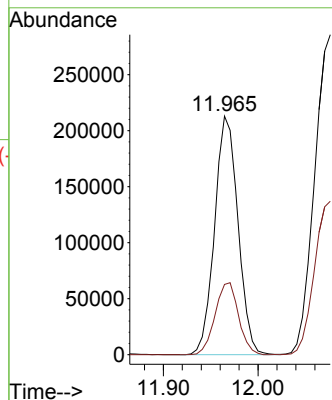
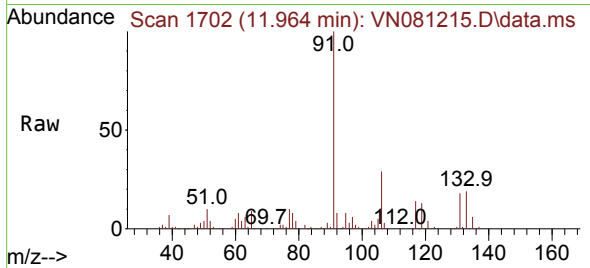




#67
Ethyl Benzene
Concen: 21.433 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

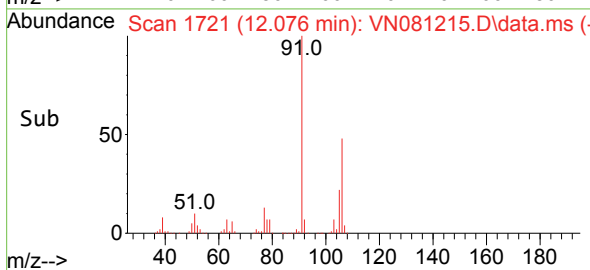
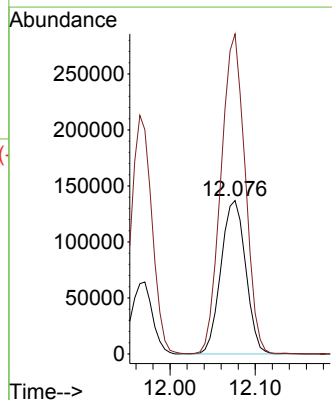
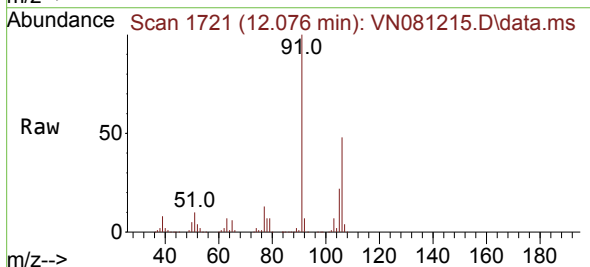
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

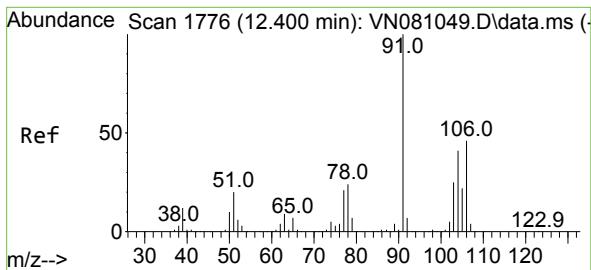
Tgt Ion: 91 Resp: 365501
Ion Ratio Lower Upper
91 100
106 29.5 23.8 35.6



#68
m/p-Xylenes
Concen: 42.210 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:106 Resp: 275900
Ion Ratio Lower Upper
106 100
91 204.0 169.0 253.6

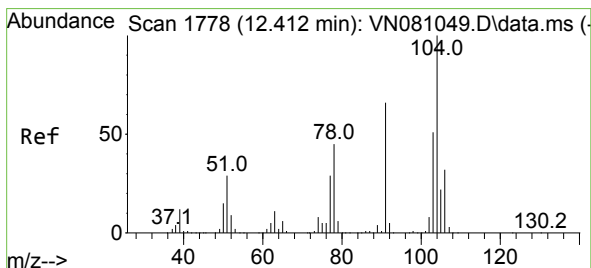
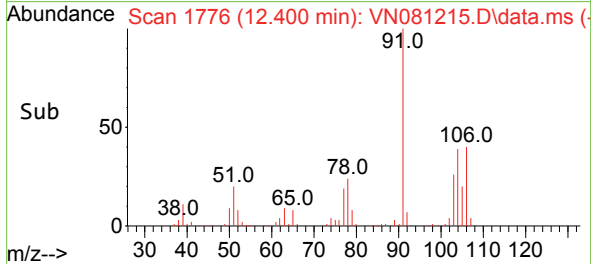
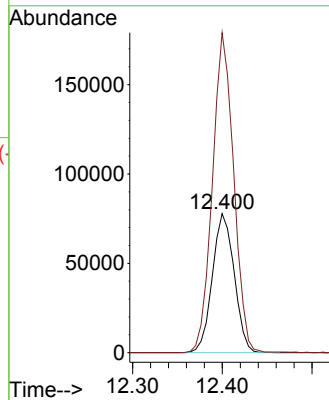
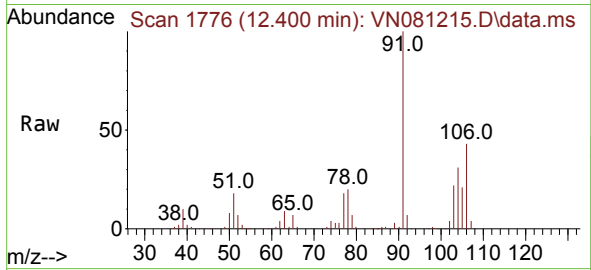




#69
o-Xylene
Concen: 20.313 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

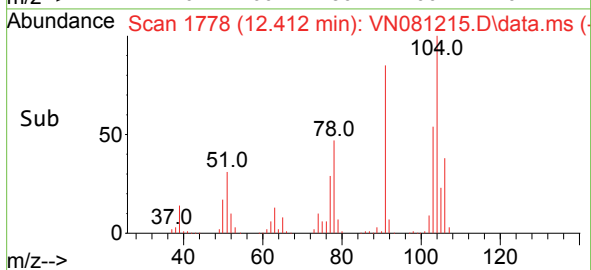
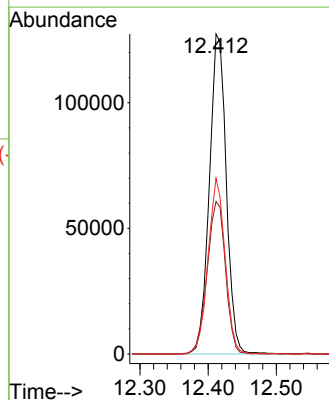
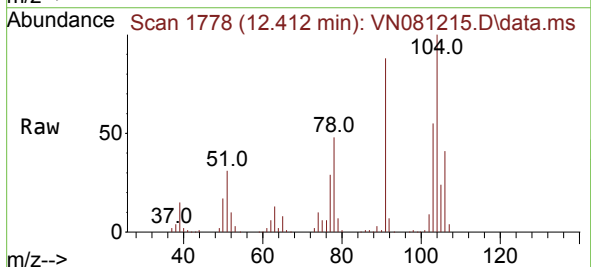
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

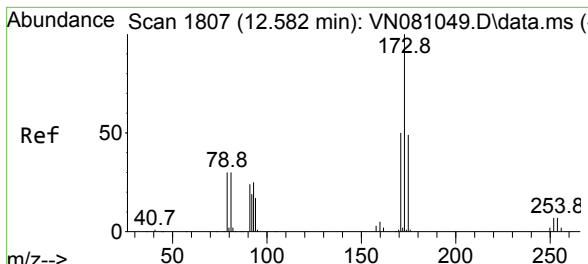
Tgt Ion:106 Resp: 131612
Ion Ratio Lower Upper
106 100
91 223.9 112.1 336.3



#70
Styrene
Concen: 21.449 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:104 Resp: 220221
Ion Ratio Lower Upper
104 100
78 51.6 43.8 65.8
103 55.3 44.2 66.2

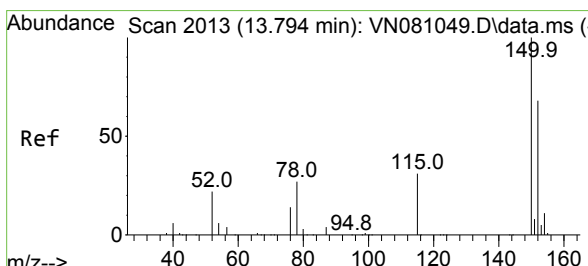
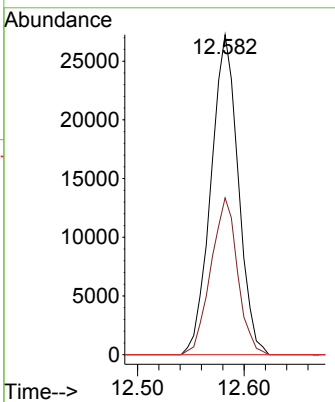
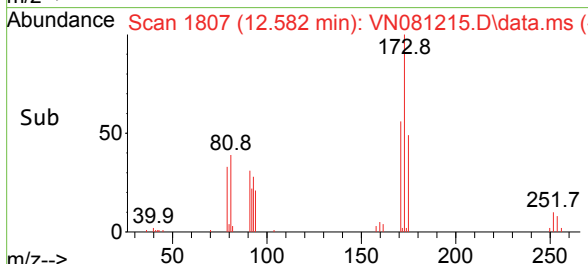
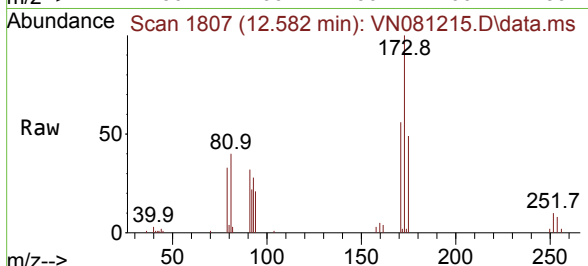




#71
 Bromoform
 Concen: 22.295 ug/l
 RT: 12.582 min Scan# 1807
 Delta R.T. -0.000 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

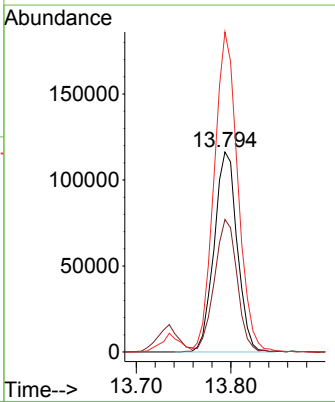
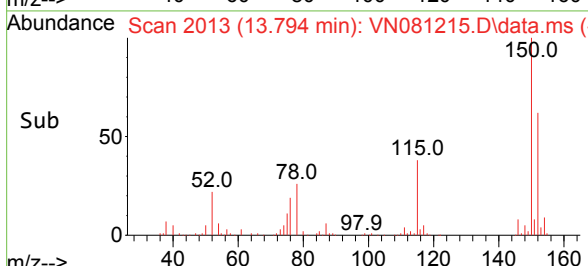
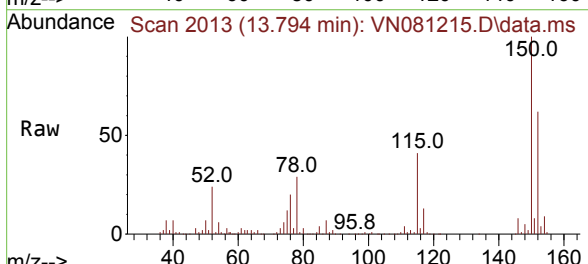
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS03

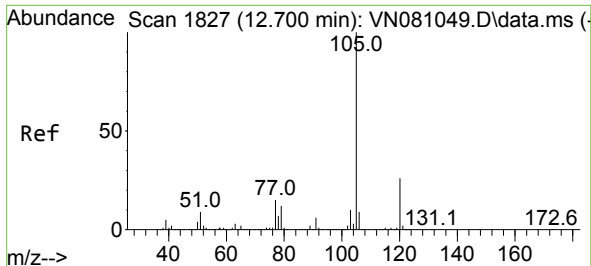
Tgt Ion:	173	Resp:	48417
Ion Ratio	Lower	Upper	
173	100		
175	48.0	23.1	69.2
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. -0.000 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

Tgt Ion:	152	Resp:	196586
Ion Ratio	Lower	Upper	
152	100		
115	65.6	32.3	96.8
150	164.4	0.0	339.8

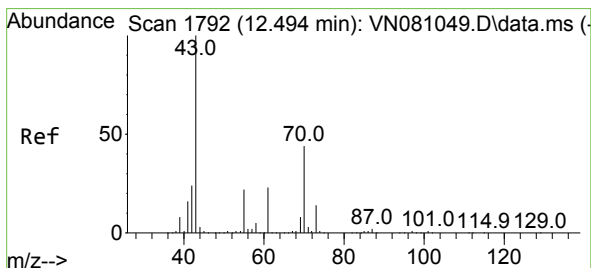
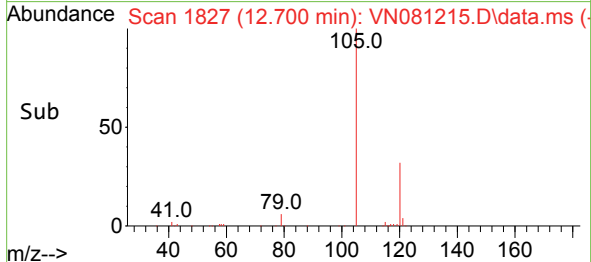
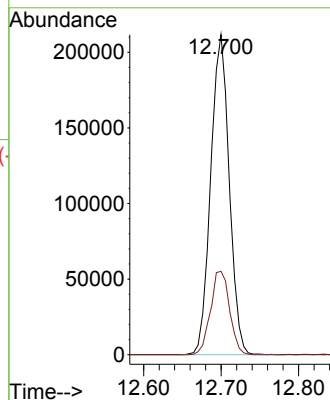
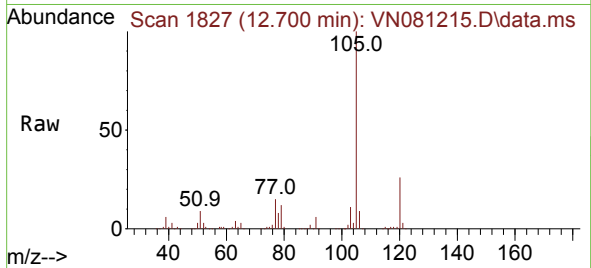




#73
Isopropylbenzene
Concen: 20.394 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

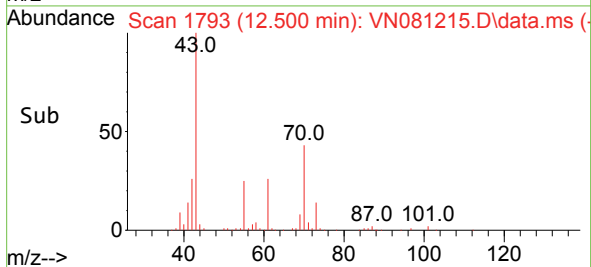
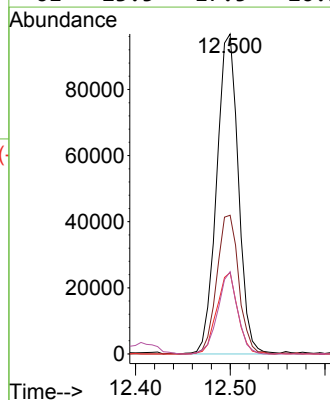
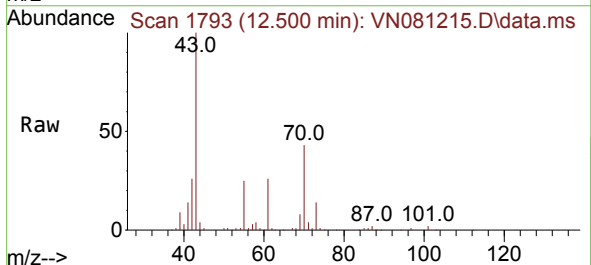
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

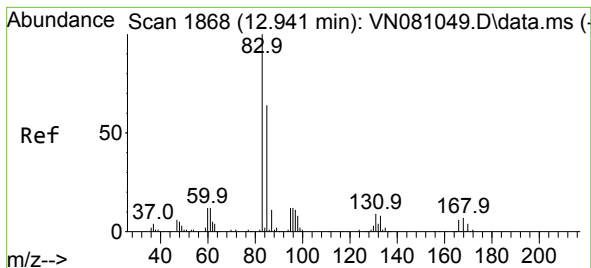
Tgt Ion:105 Resp: 350776
Ion Ratio Lower Upper
105 100
120 26.8 12.6 37.6



#74
N-ethyl acetate
Concen: 21.232 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 43 Resp: 154342
Ion Ratio Lower Upper
43 100
70 43.9 30.1 45.1
55 24.4 17.0 25.4
61 23.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.016 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

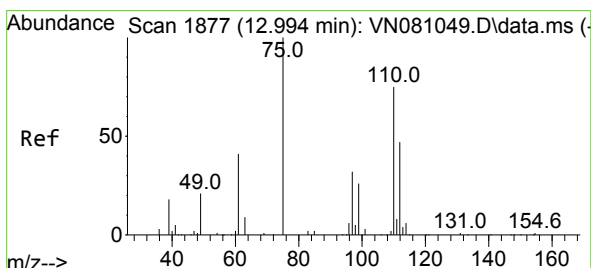
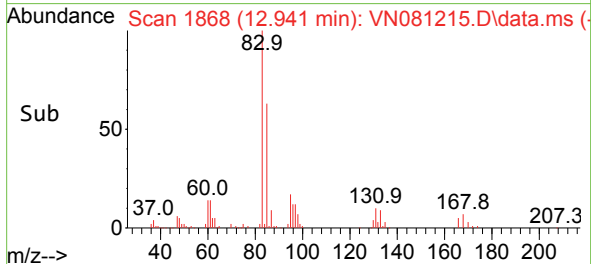
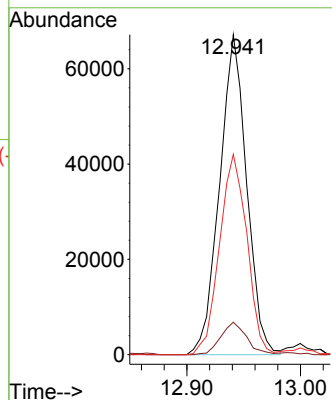
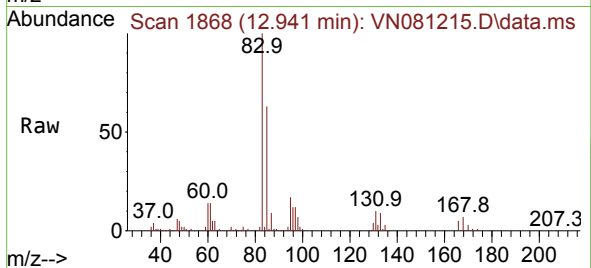
Tgt Ion: 83 Resp: 111316

Ion Ratio Lower Upper

83 100

131 9.7 4.1 12.3

85 63.4 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 33.166 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081215.D

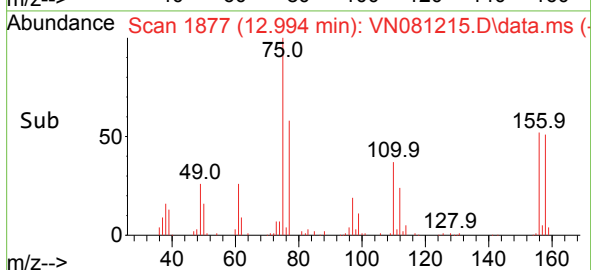
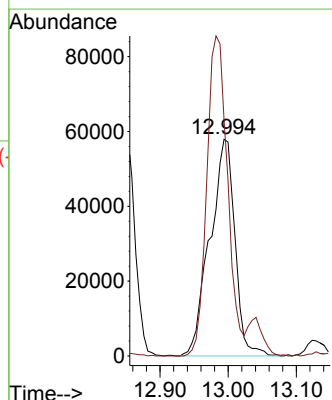
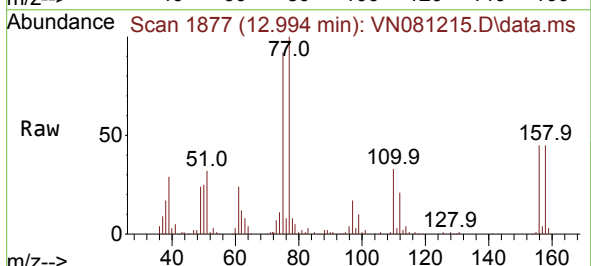
Acq: 27 Feb 2024 13:34

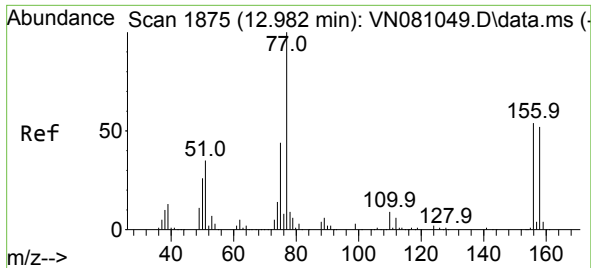
Tgt Ion: 75 Resp: 148139

Ion Ratio Lower Upper

75 100

77 122.3 91.0 272.8

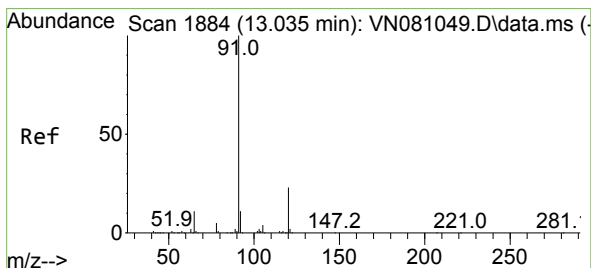
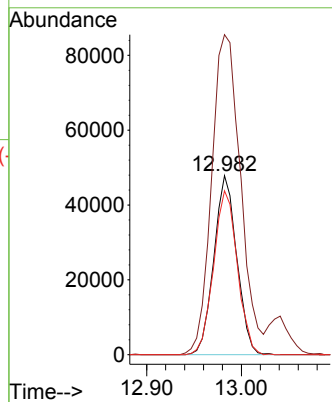
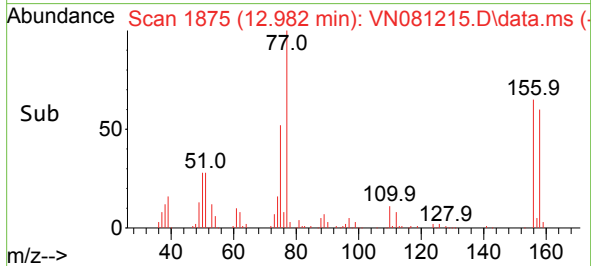
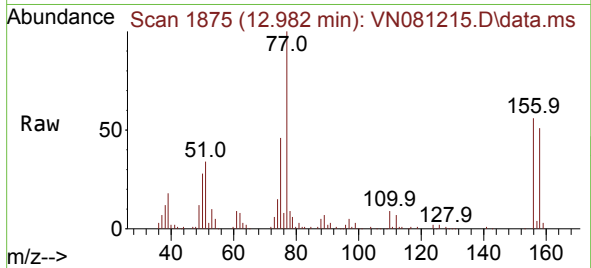




#77
Bromobenzene
Concen: 20.964 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

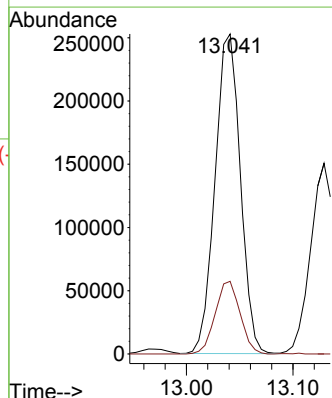
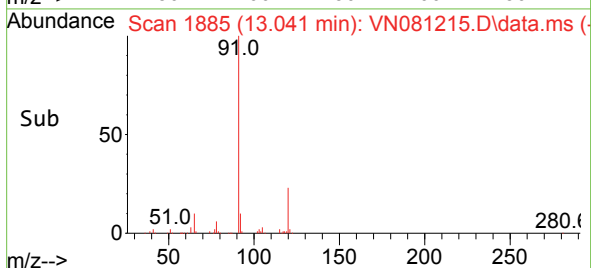
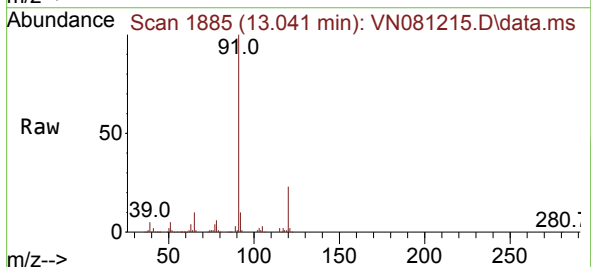
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

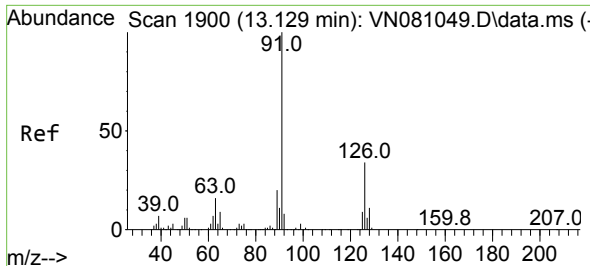
Tgt Ion:156 Resp: 80400
Ion Ratio Lower Upper
156 100
77 225.4 138.1 414.3
158 95.0 46.5 139.5



#78
n-propylbenzene
Concen: 21.020 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 91 Resp: 416203
Ion Ratio Lower Upper
91 100
120 22.3 10.3 30.9

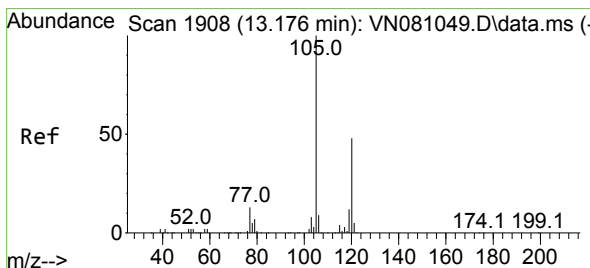
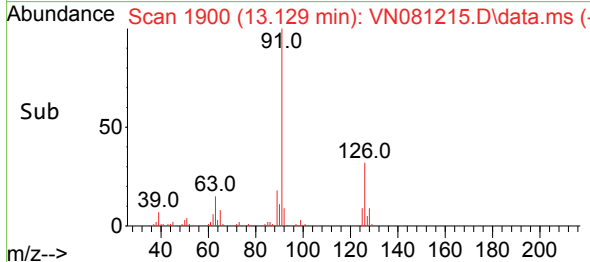
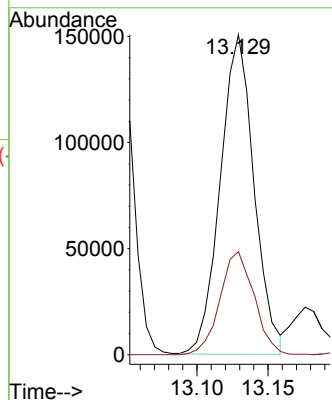
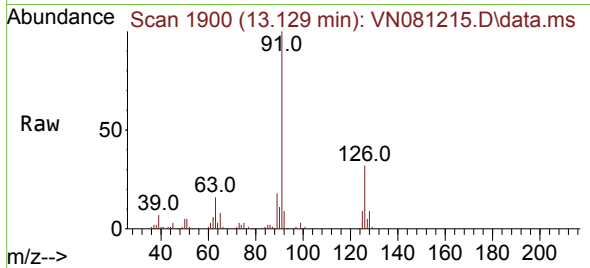




#79
2-Chlorotoluene
Concen: 20.507 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

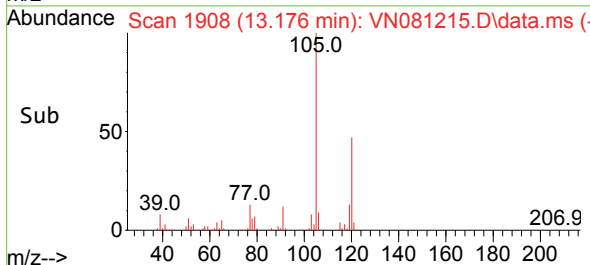
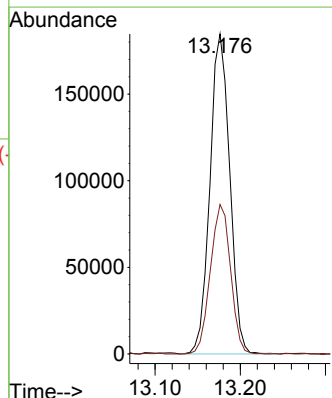
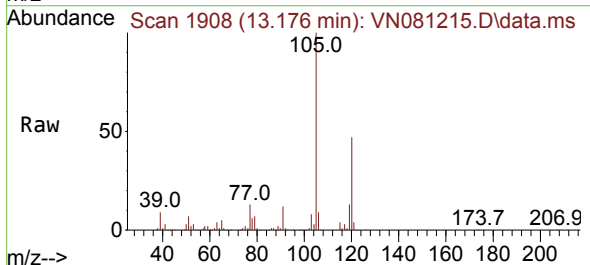
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

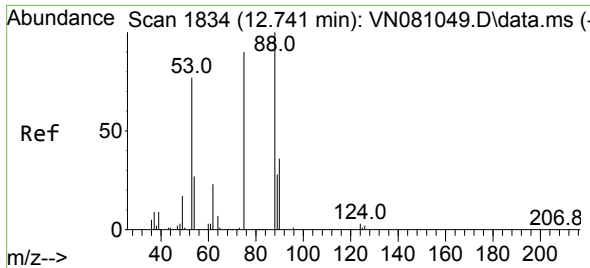
Tgt Ion: 91 Resp: 249057
Ion Ratio Lower Upper
91 100
126 32.7 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 21.390 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 105 Resp: 298304
Ion Ratio Lower Upper
105 100
120 47.6 23.0 69.0

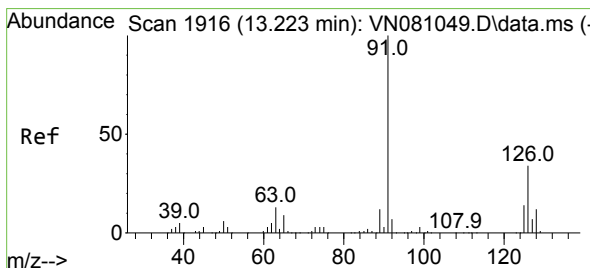
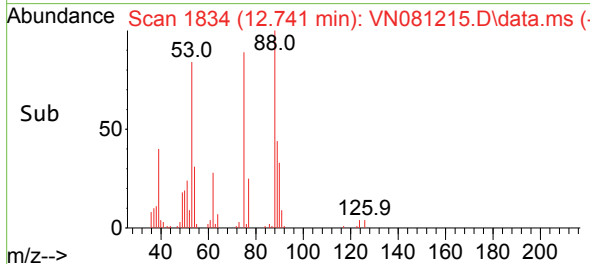
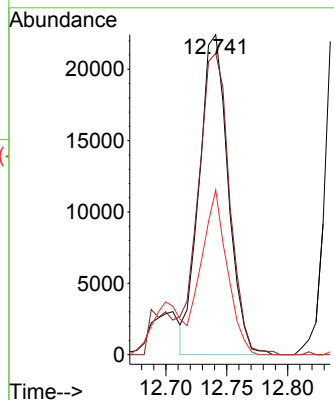
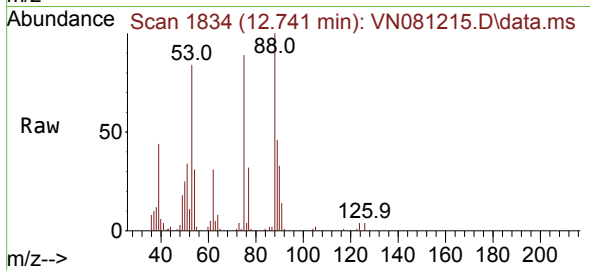




#81
trans-1,4-Dichloro-2-butene
Concen: 21.283 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

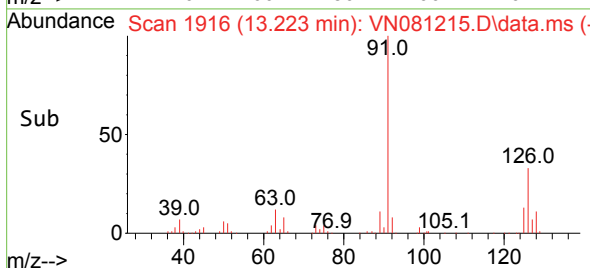
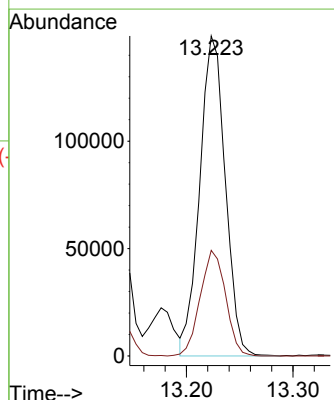
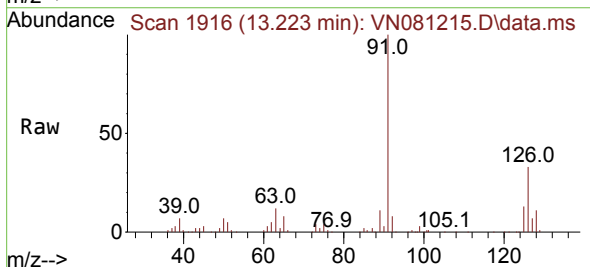
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

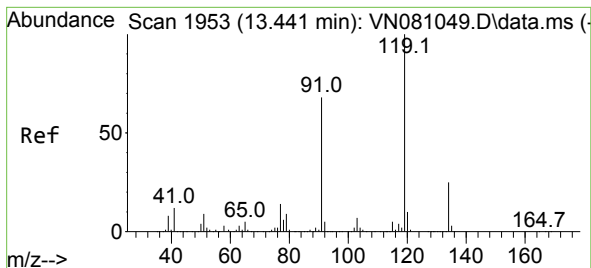
Tgt Ion: 75 Resp: 36932
Ion Ratio Lower Upper
75 100
53 104.0 71.4 107.2
89 45.8 33.4 50.0



#82
4-Chlorotoluene
Concen: 20.906 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 91 Resp: 248268
Ion Ratio Lower Upper
91 100
126 32.8 15.3 45.9





#83

tert-Butylbenzene

Concen: 21.406 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

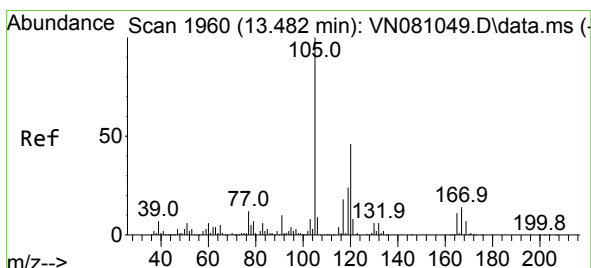
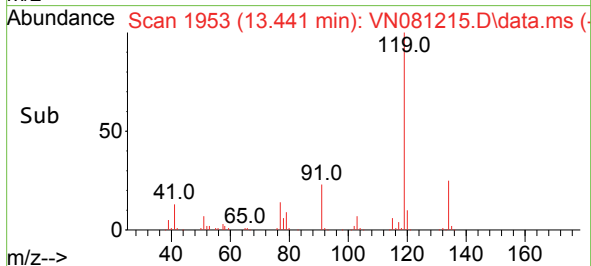
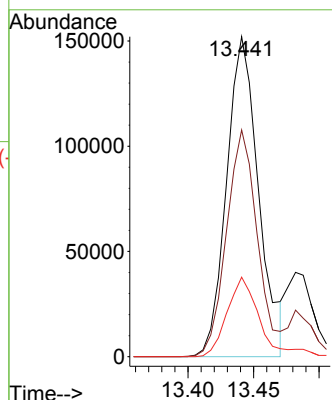
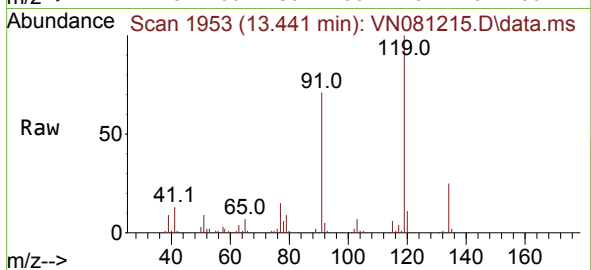
Tgt Ion:119 Resp: 258125

Ion Ratio Lower Upper

119 100

91 68.6 36.8 110.4

134 25.5 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 21.334 ug/l

RT: 13.488 min Scan# 1961

Delta R.T. 0.006 min

Lab File: VN081215.D

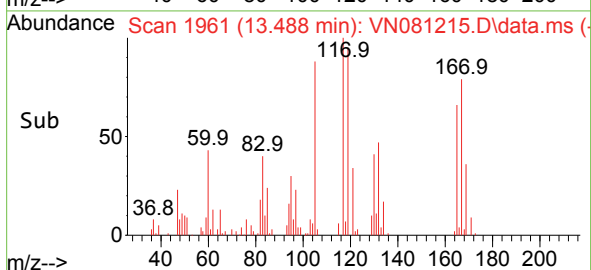
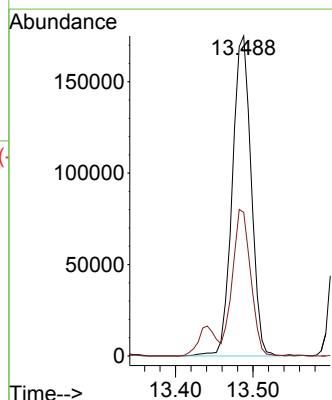
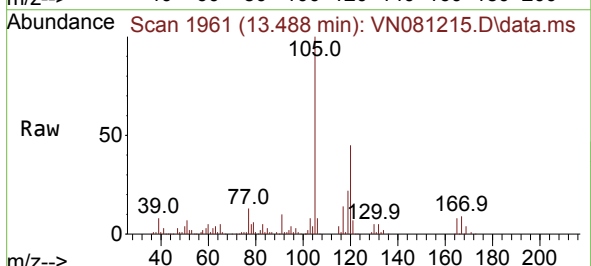
Acq: 27 Feb 2024 13:34

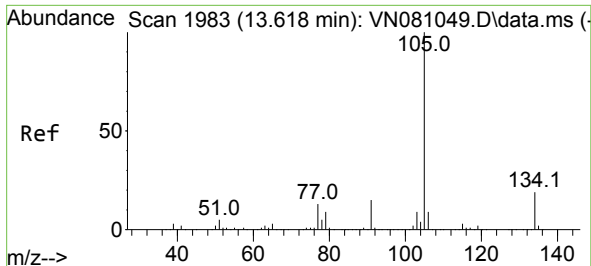
Tgt Ion:105 Resp: 296471

Ion Ratio Lower Upper

105 100

120 44.5 20.9 62.7

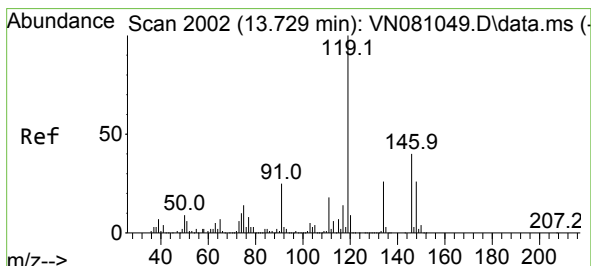
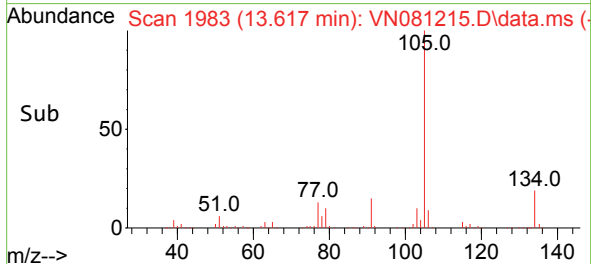
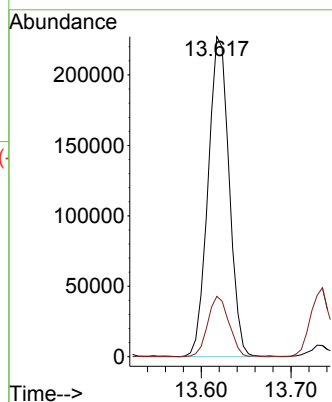
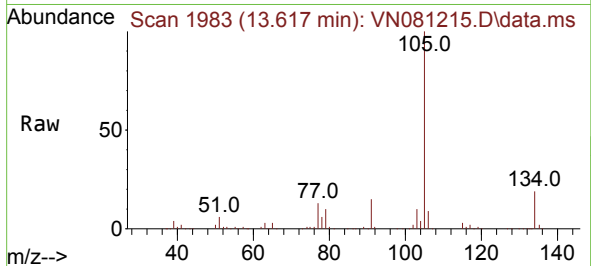




#85
 sec-Butylbenzene
 Concen: 22.134 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

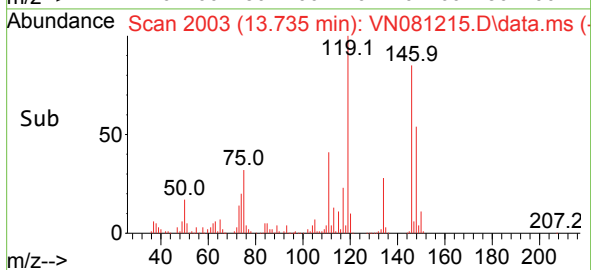
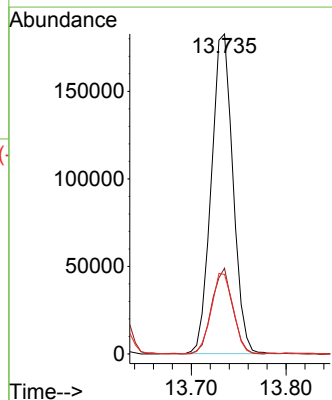
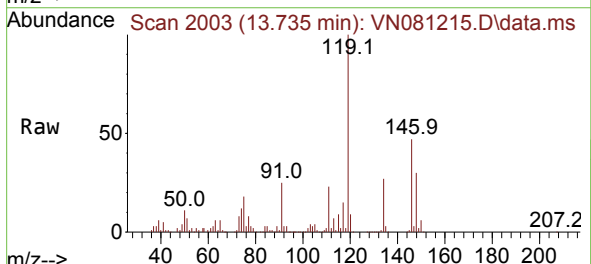
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0227WBS03

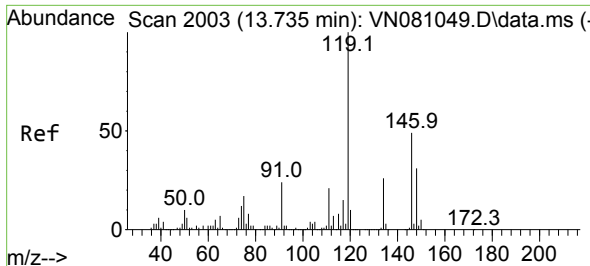
Tgt Ion:105 Resp: 371057
 Ion Ratio Lower Upper
 105 100
 134 19.0 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 20.793 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN081215.D
 Acq: 27 Feb 2024 13:34

Tgt Ion:119 Resp: 289524
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 25.9 13.5 40.4

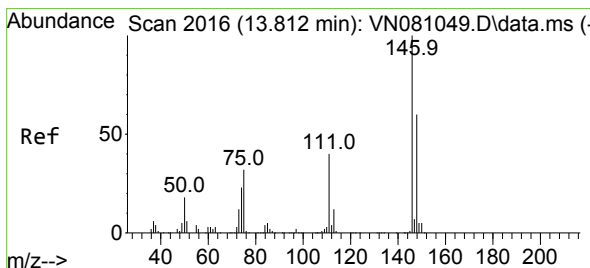
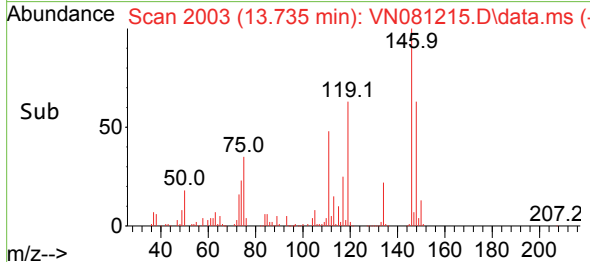
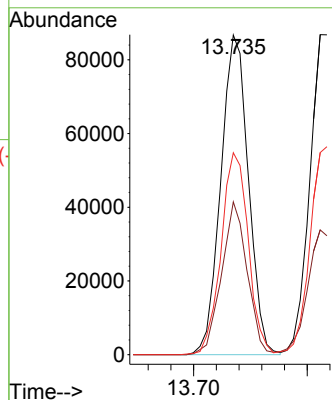
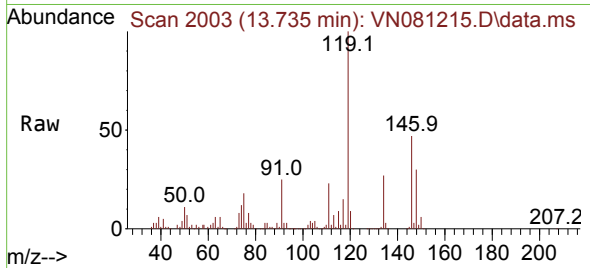




#87
1,3-Dichlorobenzene
Concen: 20.173 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

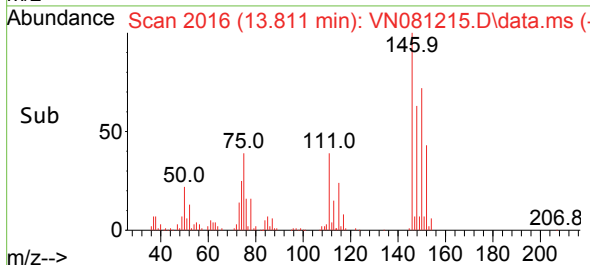
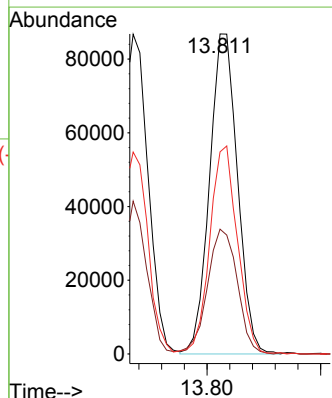
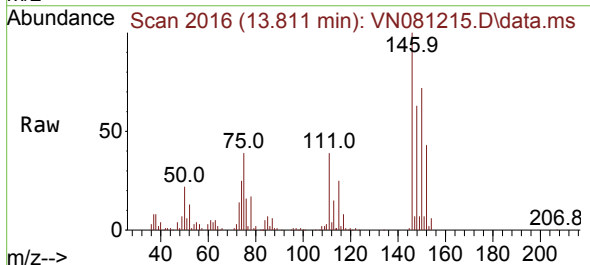
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

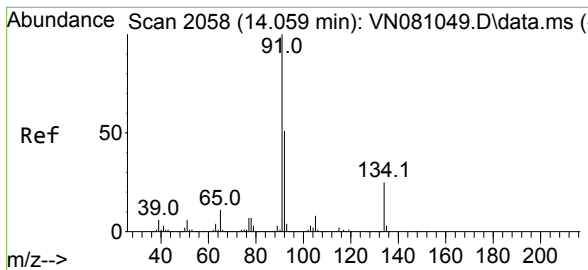
Tgt Ion:146 Resp: 146178
Ion Ratio Lower Upper
146 100
111 44.5 23.9 71.7
148 62.2 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 20.883 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:146 Resp: 148694
Ion Ratio Lower Upper
146 100
111 41.7 22.6 67.7
148 64.3 31.9 95.5





#89

n-Butylbenzene

Concen: 21.051 ug/l

RT: 14.058 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03

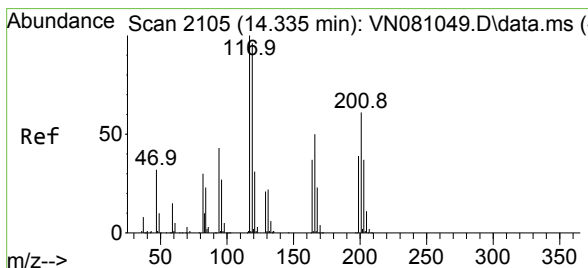
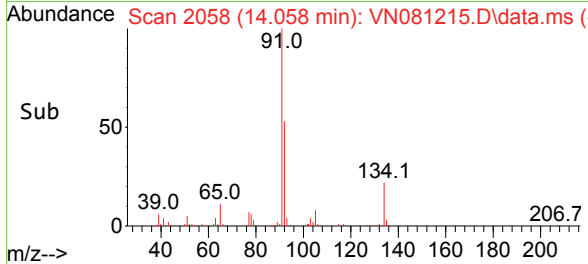
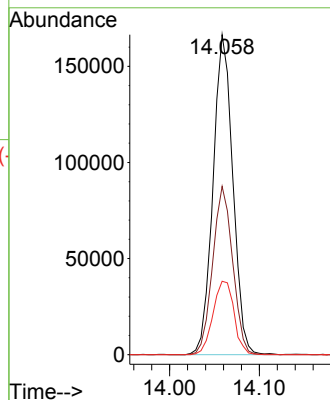
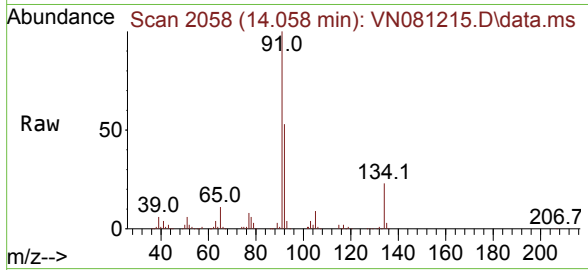
Tgt Ion: 91 Resp: 255359

Ion Ratio Lower Upper

91 100

92 53.1 26.7 80.1

134 24.3 10.8 32.4



#90

Hexachloroethane

Concen: 22.644 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081215.D

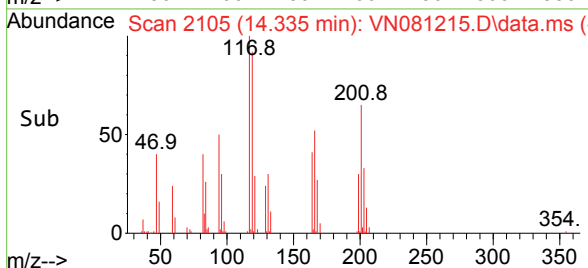
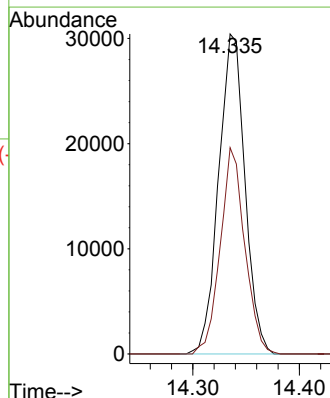
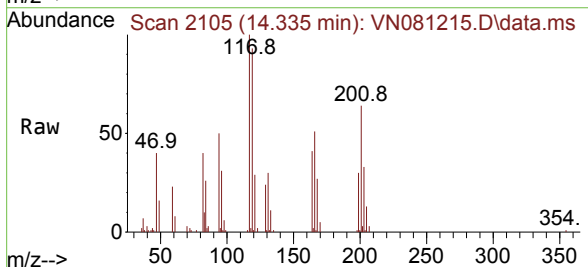
Acq: 27 Feb 2024 13:34

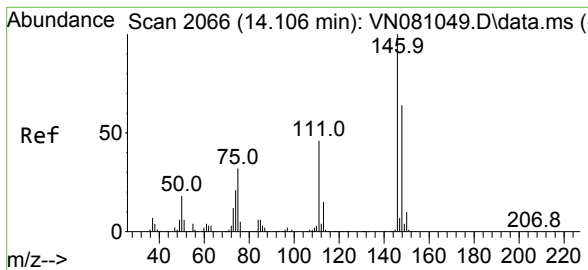
Tgt Ion: 117 Resp: 52117

Ion Ratio Lower Upper

117 100

201 60.2 30.0 90.0

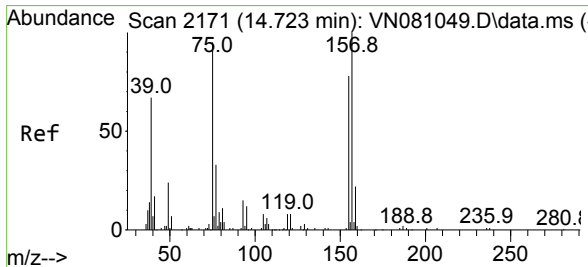
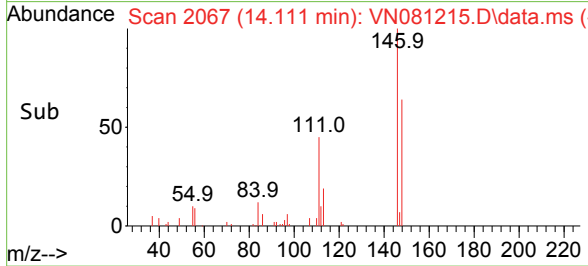
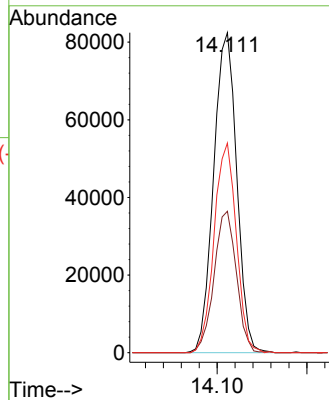
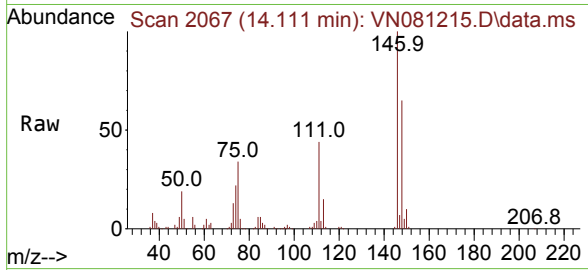




#91
1,2-Dichlorobenzene
Concen: 21.046 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

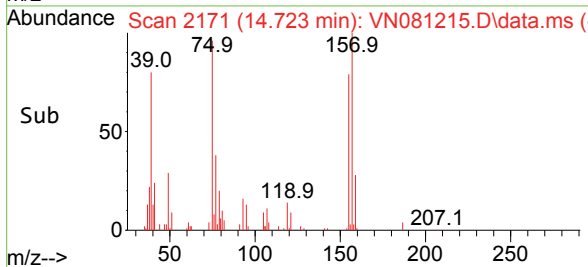
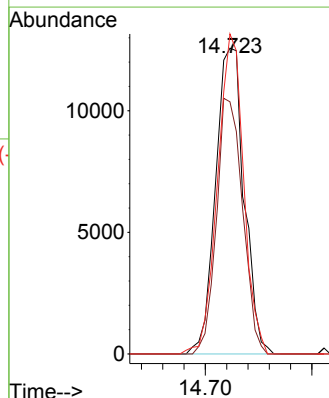
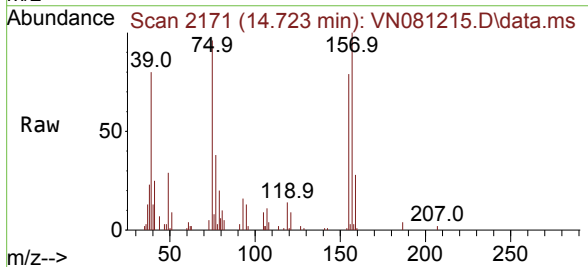
Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

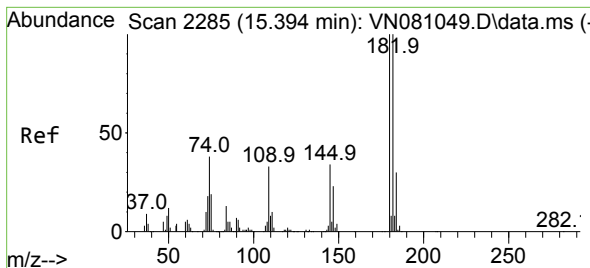
Tgt Ion:146 Resp: 147090
Ion Ratio Lower Upper
146 100
111 43.0 23.9 71.8
148 63.1 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.227 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion: 75 Resp: 23356
Ion Ratio Lower Upper
75 100
155 76.7 31.8 95.4
157 95.4 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 19.616 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081215.D

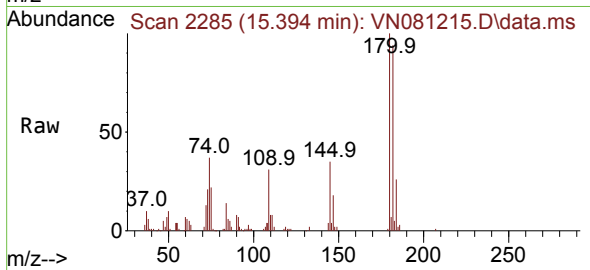
Acq: 27 Feb 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

VN0227WBS03



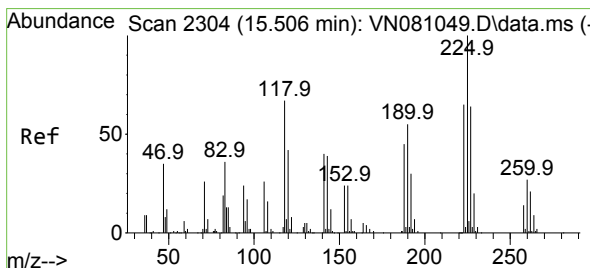
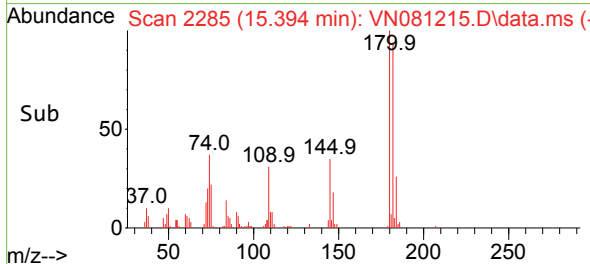
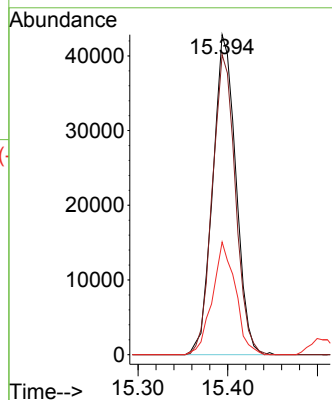
Tgt Ion:180 Resp: 76482

Ion Ratio Lower Upper

180 100

182 93.5 46.6 139.7

145 35.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 20.930 ug/l

RT: 15.505 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN081215.D

Acq: 27 Feb 2024 13:34

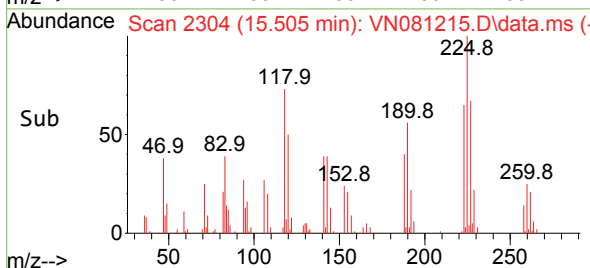
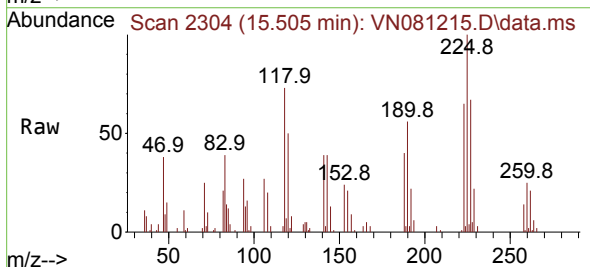
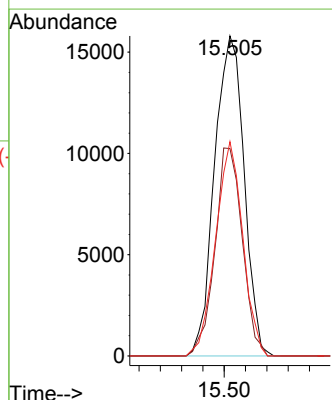
Tgt Ion:225 Resp: 30435

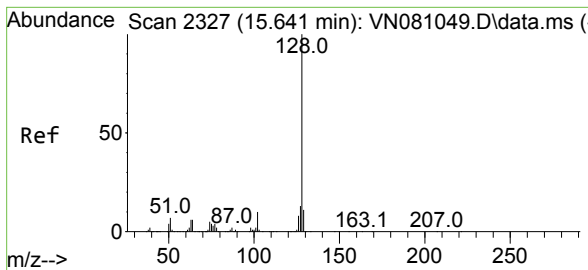
Ion Ratio Lower Upper

225 100

223 60.2 33.3 99.8

227 61.5 33.1 99.2

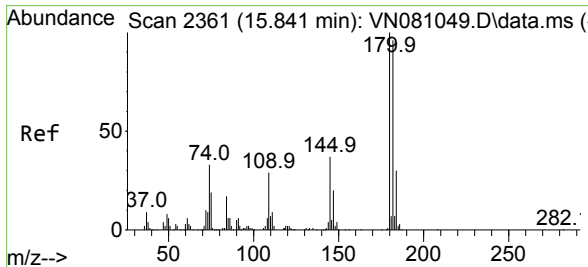
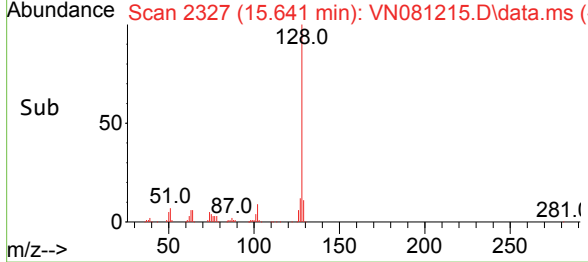
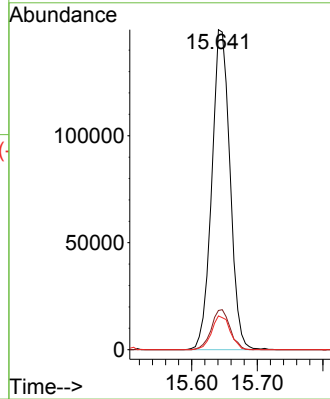
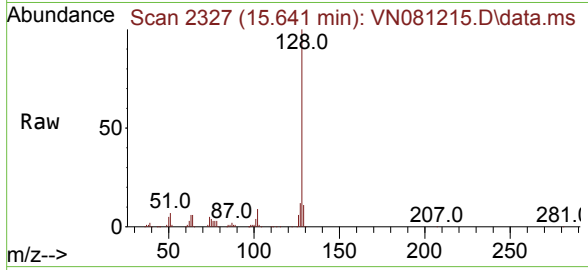




#95
Naphthalene
Concen: 20.155 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Instrument :
MSVOA_N
ClientSampleId :
VN0227WBS03

Tgt Ion:128 Resp: 287973
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.678 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN081215.D
Acq: 27 Feb 2024 13:34

Tgt Ion:180 Resp: 79981
Ion Ratio Lower Upper
180 100
182 93.8 46.5 139.3
145 36.0 17.8 53.4

