

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081028.D
 Acq On : 14 Feb 2024 16:22
 Operator : JC\MD
 Sample : VN0214MBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 08:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:59:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	708196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1237098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1042186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	394066	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	411036	47.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	8.165	113	335750	47.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	10.571	98	1177609	47.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.160%
62) 4-Bromofluorobenzene	12.853	95	393218	46.219	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	192787	21.225	ug/l	99
3) Chloromethane	2.365	50	219846	19.938	ug/l	94
4) Vinyl Chloride	2.518	62	184739	19.367	ug/l	98
5) Bromomethane	2.959	94	95731	19.890	ug/l	98
6) Chloroethane	3.124	64	110887	18.080	ug/l	100
7) Trichlorofluoromethane	3.495	101	268950	20.030	ug/l	98
8) Diethyl Ether	3.953	74	105627	19.842	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	157782	19.913	ug/l #	88
10) Methyl Iodide	4.589	142	152645	18.970	ug/l #	98
11) Tert butyl alcohol	5.512	59	153025	97.934	ug/l	99
12) 1,1-Dichloroethene	4.336	96	154542	20.022	ug/l	89
13) Acrolein	4.177	56	128699	98.746	ug/l	98
14) Allyl chloride	5.018	41	231066	18.382	ug/l	93
15) Acrylonitrile	5.718	53	390375	97.548	ug/l	97
16) Acetone	4.424	43	286957	84.150	ug/l	100
17) Carbon Disulfide	4.712	76	404758	18.099	ug/l #	95
18) Methyl Acetate	5.018	43	179034	19.934	ug/l	95
19) Methyl tert-butyl Ether	5.800	73	530208	19.686	ug/l	97
20) Methylene Chloride	5.277	84	169634	19.098	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	161358	19.015	ug/l	91
22) Diisopropyl ether	6.665	45	539140	19.609	ug/l #	92
23) Vinyl Acetate	6.600	43	2203525	99.435	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	304154	19.838	ug/l	95
25) 2-Butanone	7.483	43	523590	94.579	ug/l	97
26) 2,2-Dichloropropane	7.489	77	283351	20.081	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	189812	19.355	ug/l	91
28) Bromochloromethane	7.818	49	138002	22.295	ug/l #	68
29) Tetrahydrofuran	7.841	42	351953	98.923	ug/l	89
30) Chloroform	7.965	83	323593	19.666	ug/l	100
31) Cyclohexane	8.259	56	287696	19.012	ug/l #	80
32) 1,1,1-Trichloroethane	8.165	97	282944	19.474	ug/l #	91
36) 1,1-Dichloropropene	8.377	75	236312	19.968	ug/l	98
37) Ethyl Acetate	7.559	43	225351	20.816	ug/l	98
38) Carbon Tetrachloride	8.365	117	189240	21.846	ug/l	97
39) Methylcyclohexane	9.600	83	293538	20.161	ug/l	93
40) Benzene	8.606	78	701064	20.032	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	128809	19.601	ug/l	96
42) 1,2-Dichloroethane	8.671	62	243824	19.628	ug/l	98
43) Isopropyl Acetate	8.688	43	393063	19.380	ug/l #	97
44) Trichloroethene	9.353	130	194380	18.752	ug/l	97
45) 1,2-Dichloropropane	9.624	63	172597	19.937	ug/l	100
46) Dibromomethane	9.712	93	125354	20.514	ug/l	91
47) Bromodichloromethane	9.888	83	243903	20.366	ug/l #	99
48) Methyl methacrylate	9.682	41	186896	19.572	ug/l	94
49) 1,4-Dioxane	9.694	88	66944	363.479	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1142584	101.013	ug/l	96
52) Toluene	10.635	92	437287	20.003	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	274219	19.435	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	294000	19.702	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	166226	20.220	ug/l	95
56) Ethyl methacrylate	10.877	69	272522	20.246	ug/l	90
57) 1,3-Dichloropropane	11.165	76	293890	20.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	642870	96.252	ug/l #	89
59) 2-Hexanone	11.200	43	836579	100.706	ug/l	95
60) Dibromochloromethane	11.359	129	158042	20.218	ug/l	99
61) 1,2-Dibromoethane	11.471	107	169731	19.636	ug/l	97
64) Tetrachloroethene	11.106	164	208189	19.595	ug/l	90
65) Chlorobenzene	11.894	112	431707	19.754	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	152044	20.208	ug/l	98
67) Ethyl Benzene	11.965	91	838154	20.343	ug/l	99
68) m/p-Xylenes	12.071	106	617340	40.632	ug/l	99
69) o-Xylene	12.400	106	298169	20.235	ug/l	96
70) Styrene	12.412	104	472841	20.133	ug/l	99
71) Bromoform	12.582	173	82934	21.666	ug/l #	97
73) Isopropylbenzene	12.694	105	778670	19.557	ug/l	99
74) N-amyl acetate	12.494	43	354372	19.346	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	186954	19.131	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	260131	29.875	ug/l	64
77) Bromobenzene	12.982	156	153121	18.987	ug/l	77
78) n-propylbenzene	13.035	91	878889	19.345	ug/l	97
79) 2-Chlorotoluene	13.129	91	498484	18.996	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	607295	19.660	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	72566	19.400	ug/l	90
82) 4-Chlorotoluene	13.223	91	484785	19.117	ug/l	96
83) tert-Butylbenzene	13.441	119	526293	19.896	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	578508	19.438	ug/l	98
85) sec-Butylbenzene	13.618	105	722502	19.909	ug/l	95
86) p-Isopropyltoluene	13.729	119	575066	19.705	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	266968	19.468	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	262135	18.500	ug/l	98
89) n-Butylbenzene	14.059	91	496390	18.582	ug/l	97
90) Hexachloroethane	14.335	117	15281	33.296	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	260359	19.585	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37732	18.132	ug/l	79
93) 1,2,4-Trichlorobenzene	15.394	180	146191	18.357	ug/l	99
94) Hexachlorobutadiene	15.506	225	59799	18.155	ug/l	96
95) Naphthalene	15.641	128	514547	18.161	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	144428	18.506	ug/l	99

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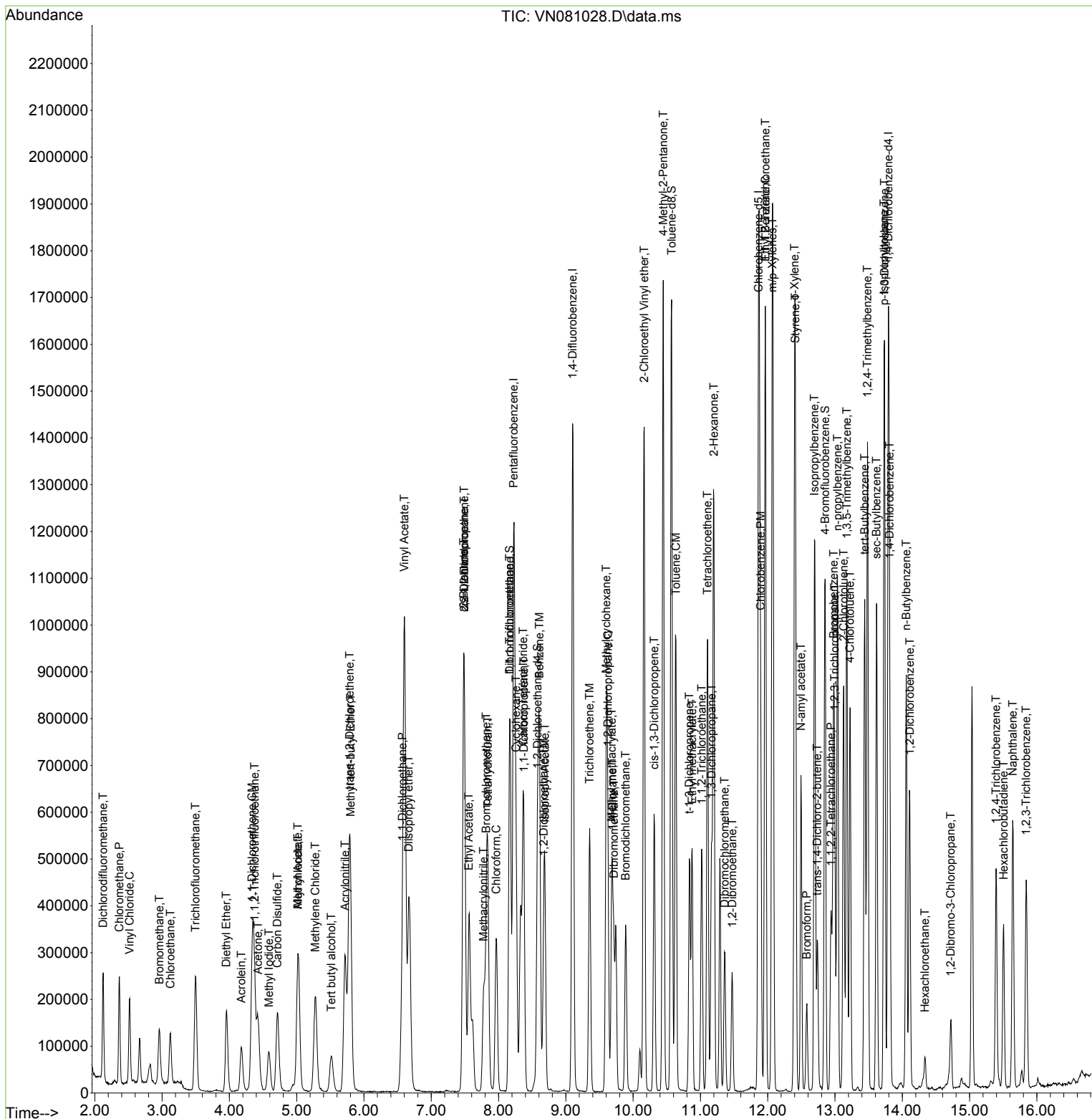
Instrument :
MSVOA_N
ClientSampleId :

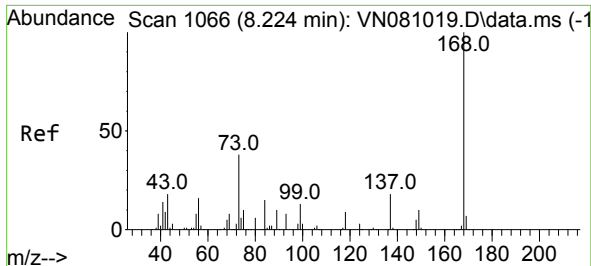
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

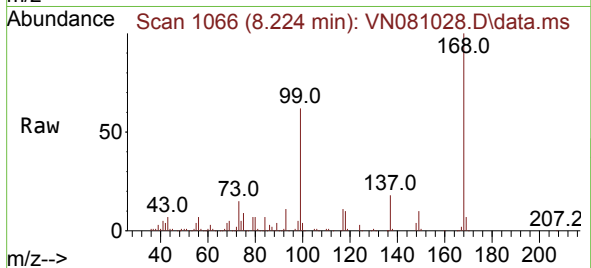
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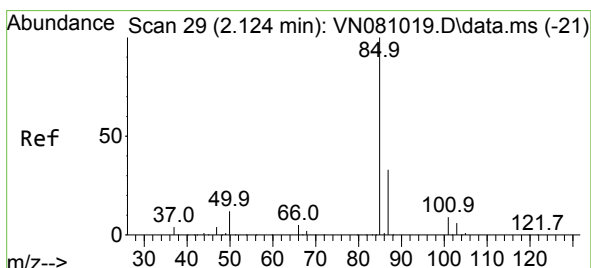
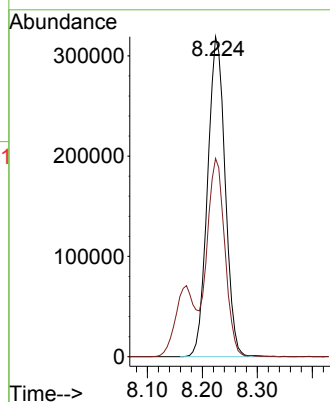
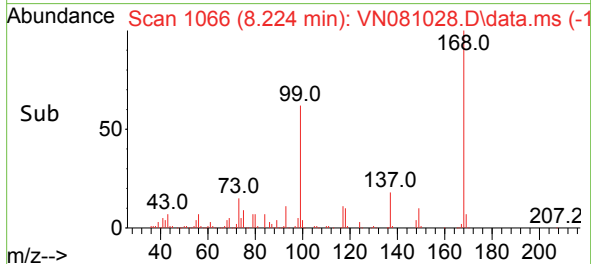


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081028.D
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MSVOA_N
ClientSampleId :

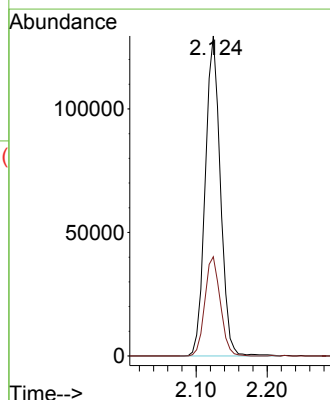
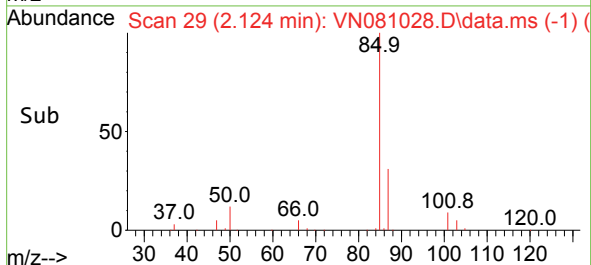
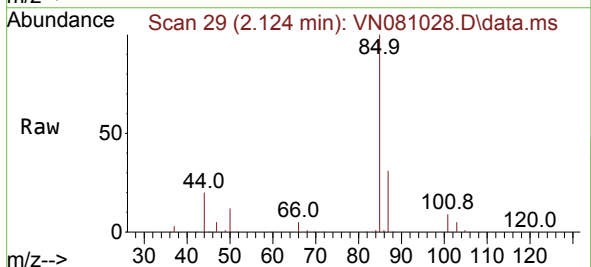


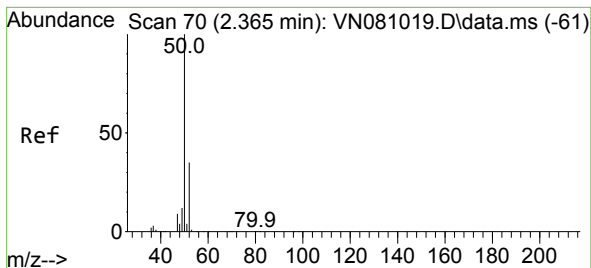
Tgt Ion:168 Resp: 708196
Ion Ratio Lower Upper
168 100
99 61.9 59.9 89.9



#2
Dichlorodifluoromethane
Concen: 21.225 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 85 Resp: 192787
Ion Ratio Lower Upper
85 100
87 31.0 15.3 45.9





#3

Chloromethane

Concen: 19.938 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

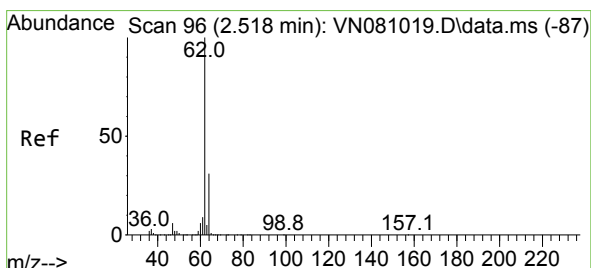
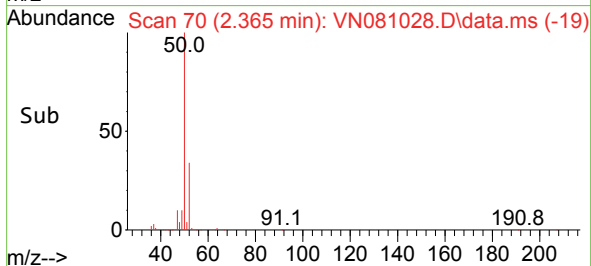
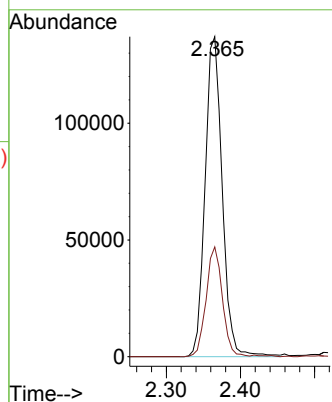
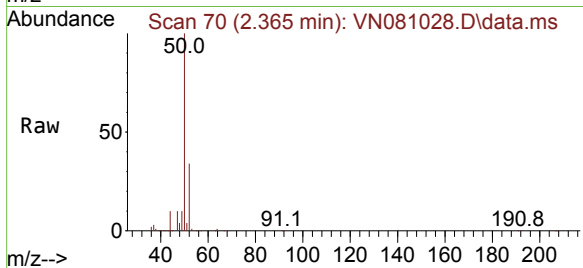
ClientSampleId :

Tgt Ion: 50 Resp: 219846

Ion Ratio Lower Upper

50 100

52 34.3 25.0 37.4



#4

Vinyl Chloride

Concen: 19.367 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN081028.D

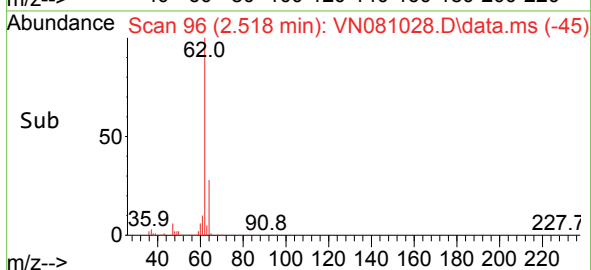
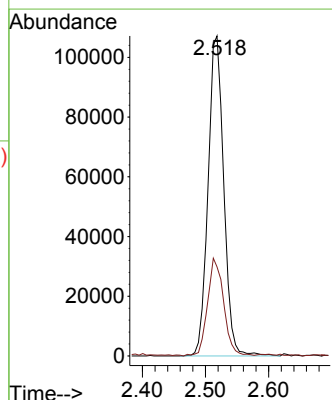
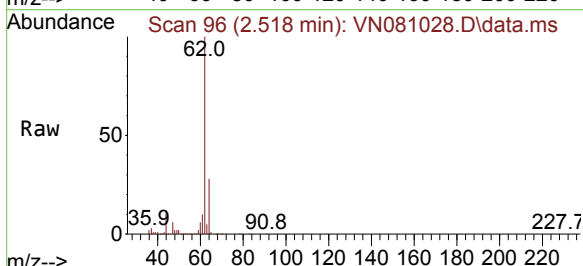
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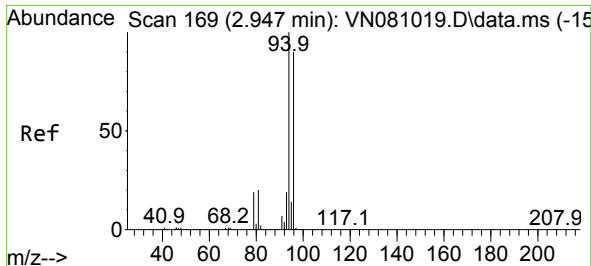
Tgt Ion: 62 Resp: 184739

Ion Ratio Lower Upper

62 100

64 27.6 22.7 34.1

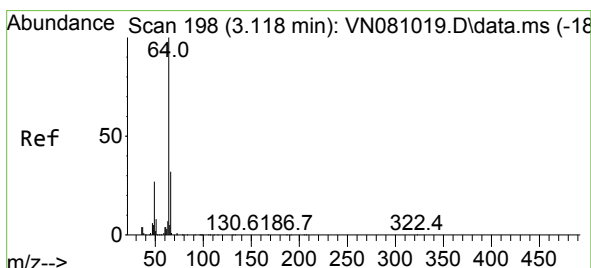
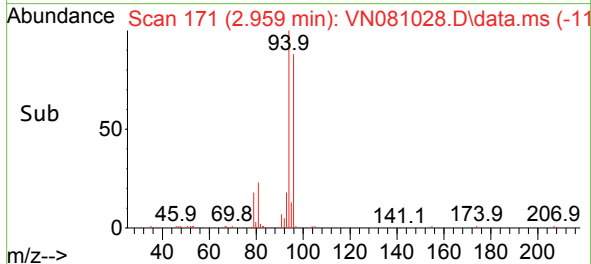
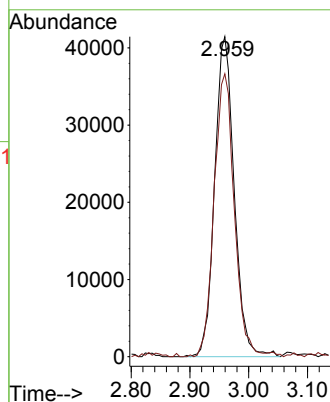
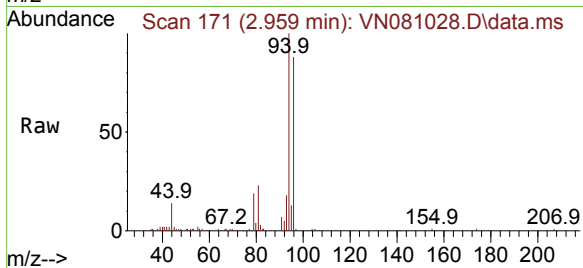




#5
Bromomethane
Concen: 19.890 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

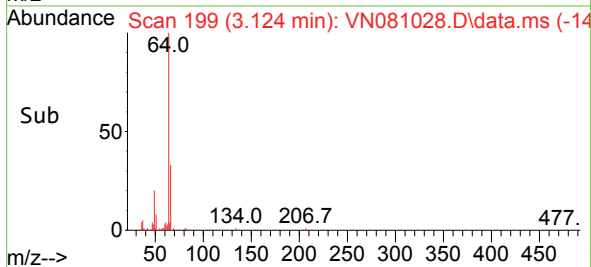
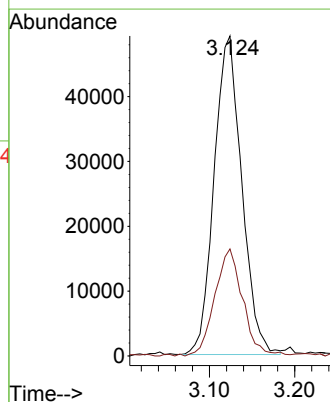
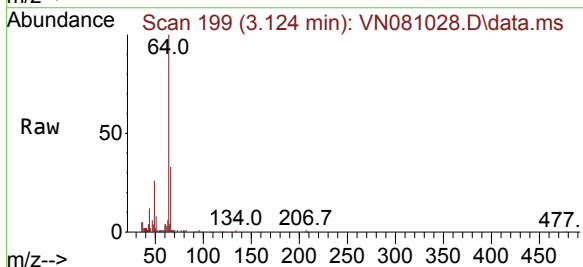
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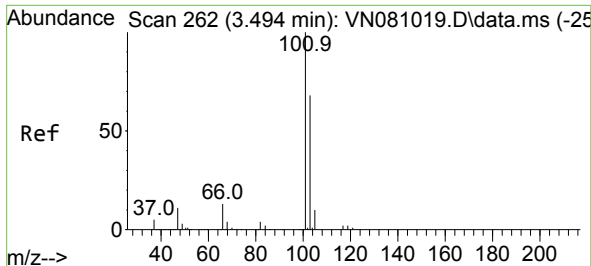
Tgt Ion: 94 Resp: 95731
Ion Ratio Lower Upper
94 100
96 88.4 69.2 103.8



#6
Chloroethane
Concen: 18.080 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 64 Resp: 110887
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6

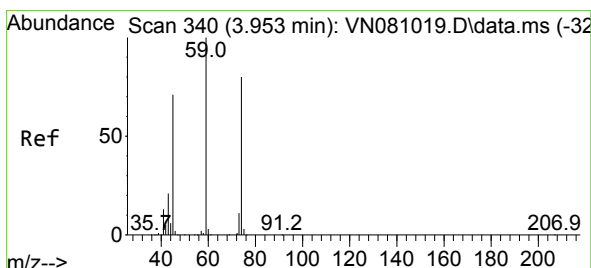
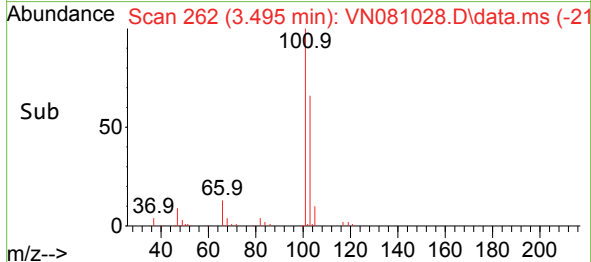
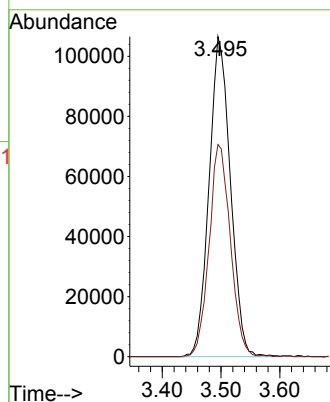
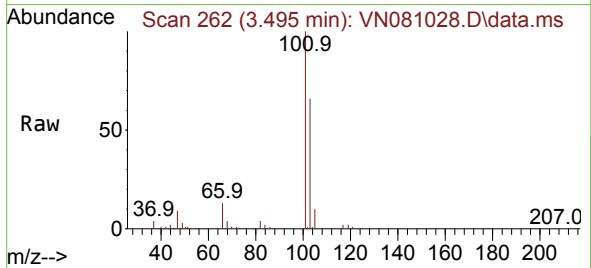




#7
 Trichlorofluoromethane
 Concen: 20.030 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

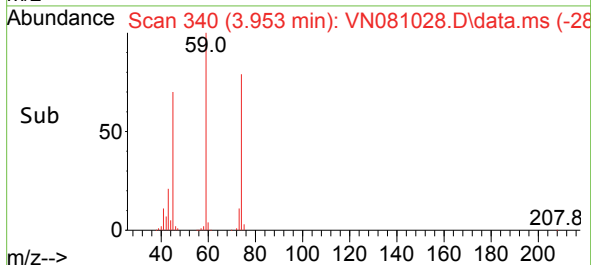
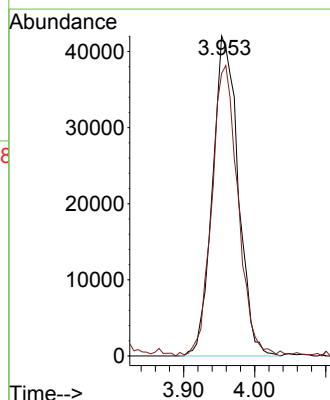
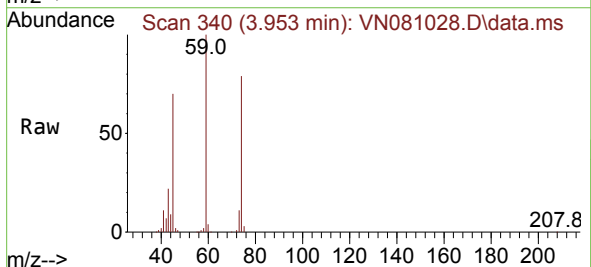
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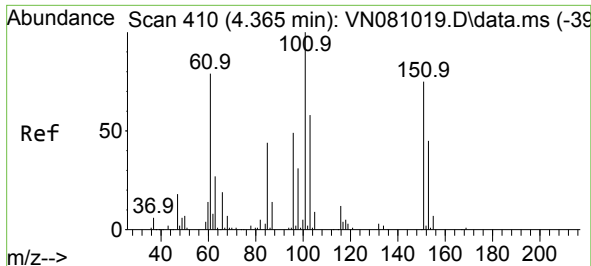
Tgt Ion:101 Resp: 268950
 Ion Ratio Lower Upper
 101 100
 103 66.3 54.4 81.6



#8
 Diethyl Ether
 Concen: 19.842 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

Tgt Ion: 74 Resp: 105627
 Ion Ratio Lower Upper
 74 100
 45 92.7 53.3 159.9

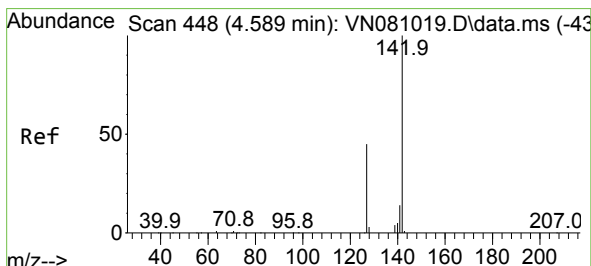
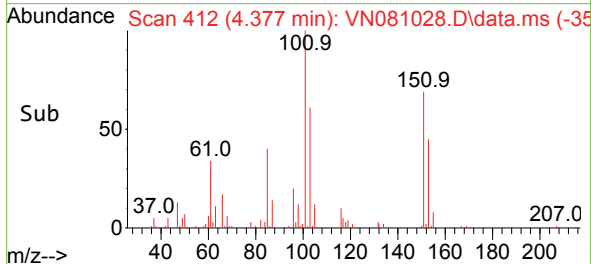
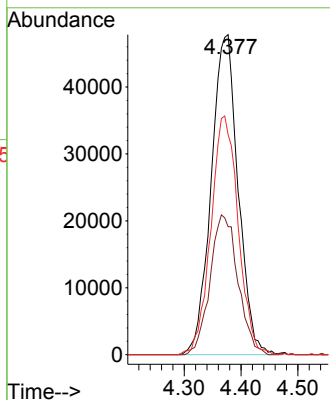
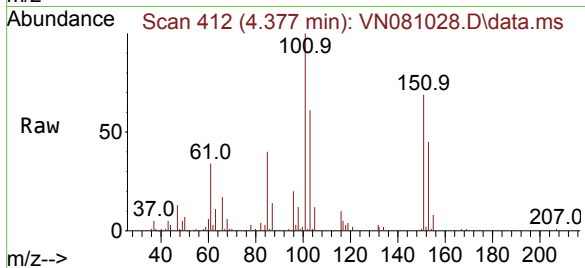




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.913 ug/l
RT: 4.377 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

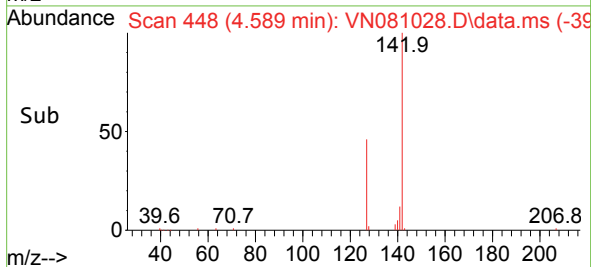
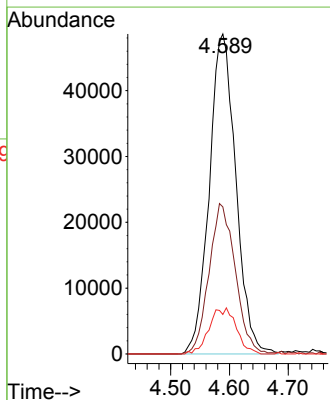
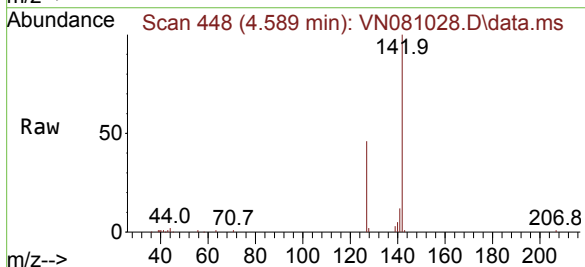
Instrument :
MSVOA_N
ClientSampleId :

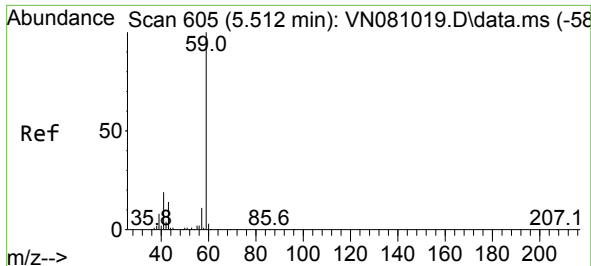
Tgt Ion:101 Resp: 157782
Ion Ratio Lower Upper
101 100
85 45.1 38.1 57.1
151 75.4 49.1 73.7#



#10
Methyl Iodide
Concen: 18.970 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

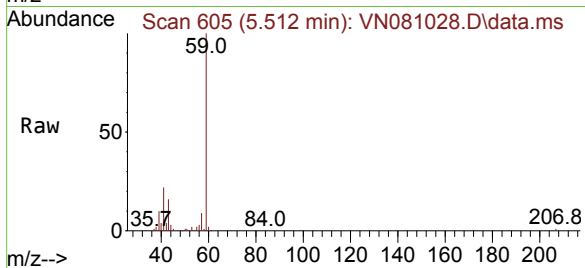
Tgt Ion:142 Resp: 152645
Ion Ratio Lower Upper
142 100
127 45.9 37.0 55.4
141 12.4 12.5 18.7#



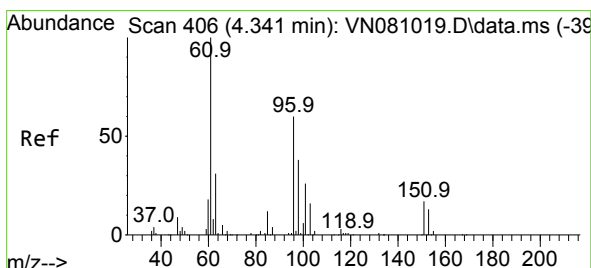
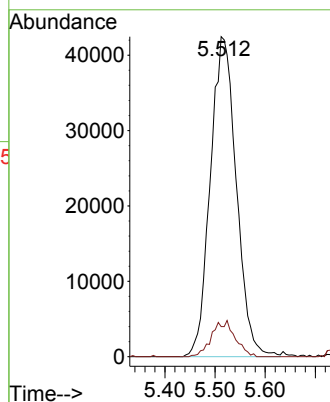
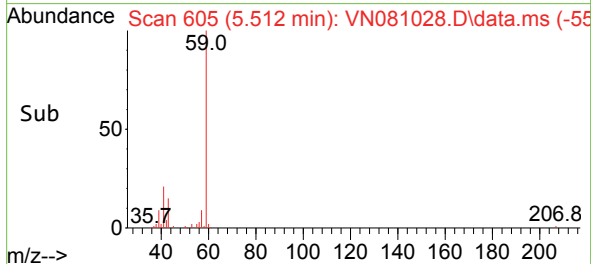


#11
Tert butyl alcohol
Concen: 97.934 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :

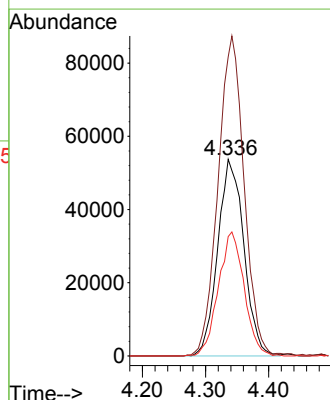
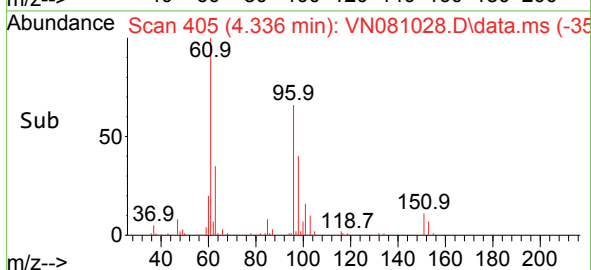
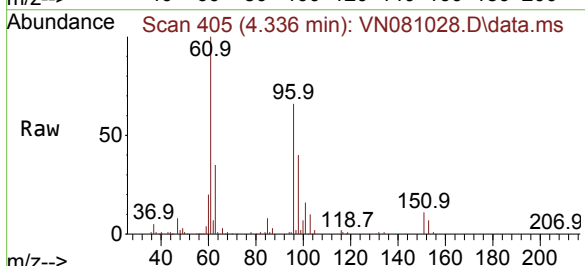


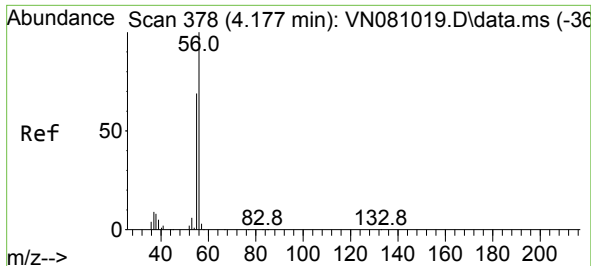
Tgt Ion: 59 Resp: 153025
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.022 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 96 Resp: 154542
Ion Ratio Lower Upper
96 100
61 152.1 138.2 207.4
98 60.7 49.2 73.8





#13

Acrolein

Concen: 98.746 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

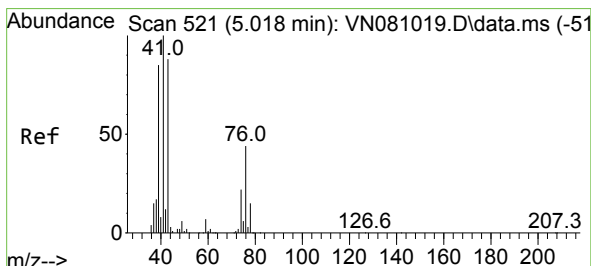
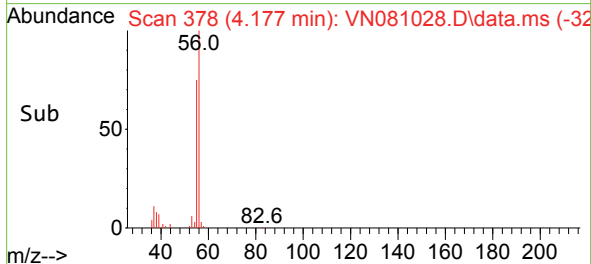
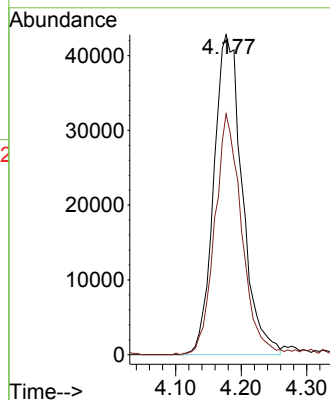
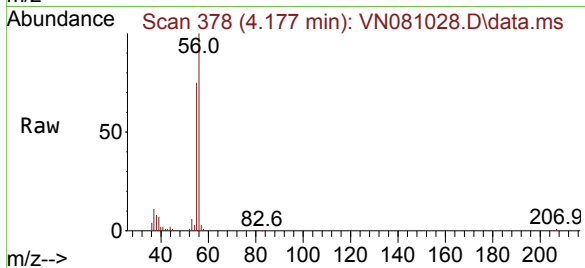
ClientSampleId :

Tgt Ion: 56 Resp: 128699

Ion Ratio Lower Upper

56 100

55 71.1 55.3 82.9



#14

Allyl chloride

Concen: 18.382 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

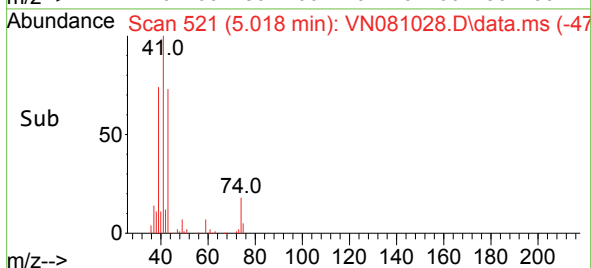
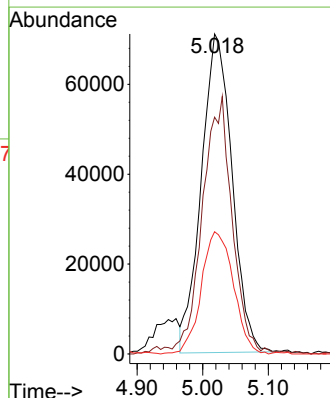
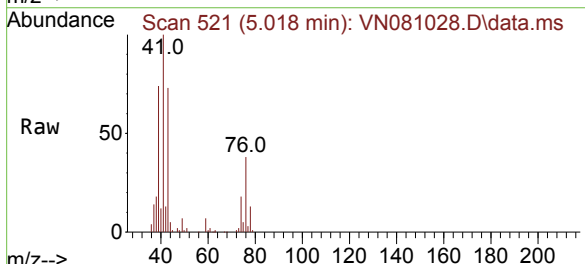
Tgt Ion: 41 Resp: 231066

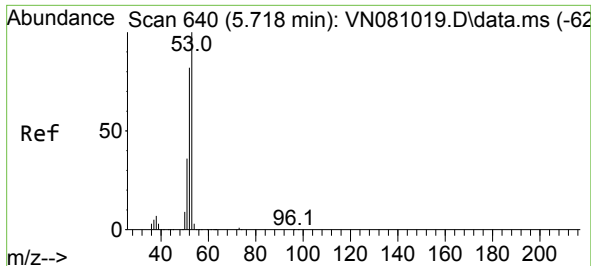
Ion Ratio Lower Upper

41 100

39 76.5 57.7 86.5

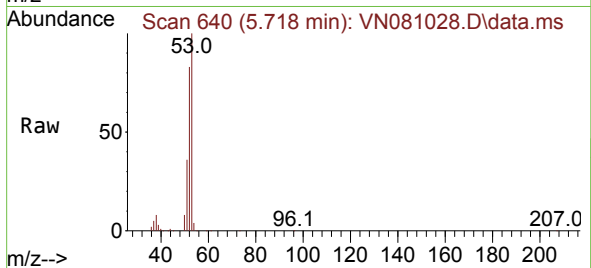
76 40.0 26.8 40.2



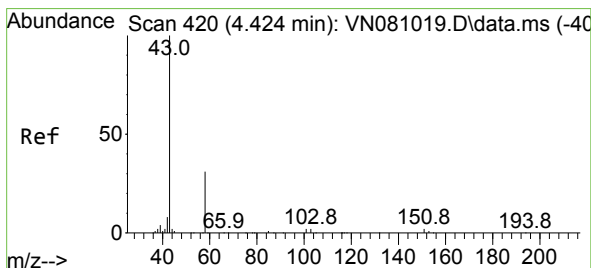
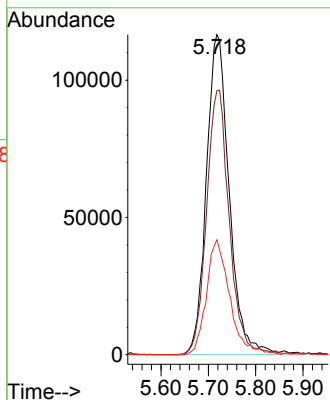
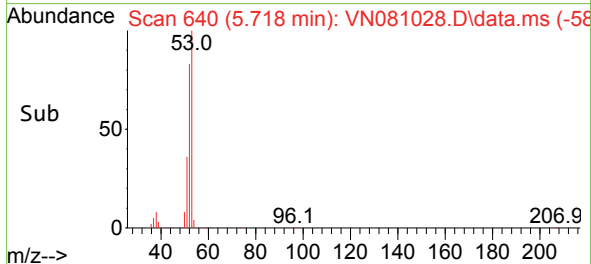


#15
Acrylonitrile
Concen: 97.548 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :

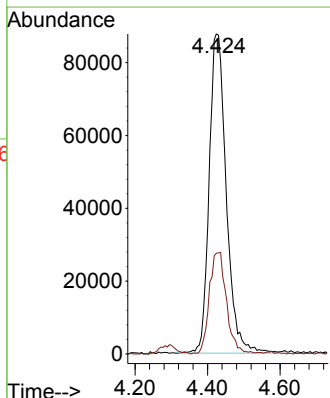
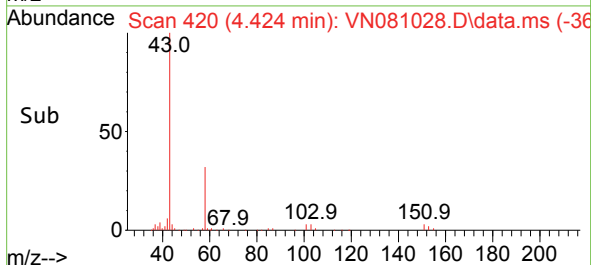
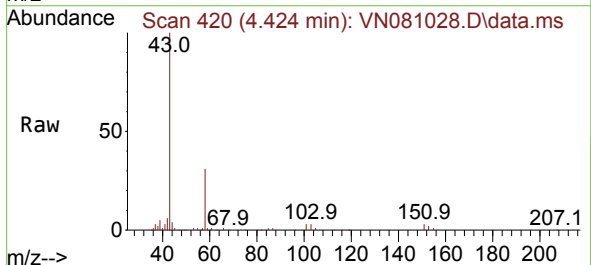


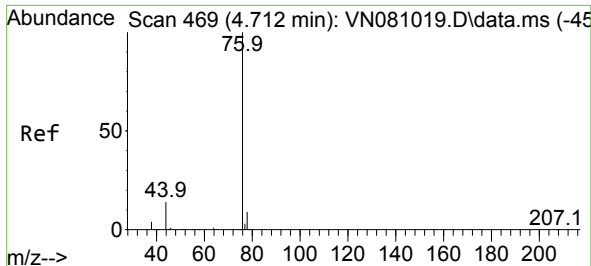
Tgt Ion: 53 Resp: 390375
Ion Ratio Lower Upper
53 100
52 82.4 64.8 97.2
51 36.7 26.9 40.3



#16
Acetone
Concen: 84.150 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 43 Resp: 286957
Ion Ratio Lower Upper
43 100
58 31.1 24.8 37.2

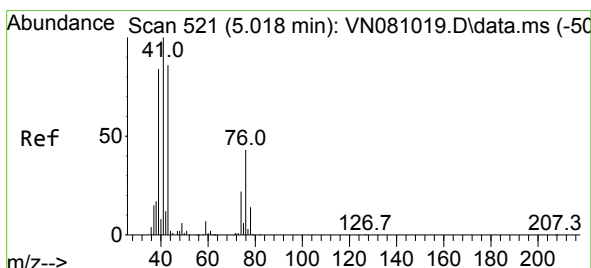
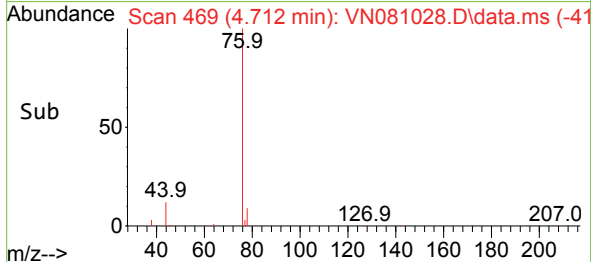
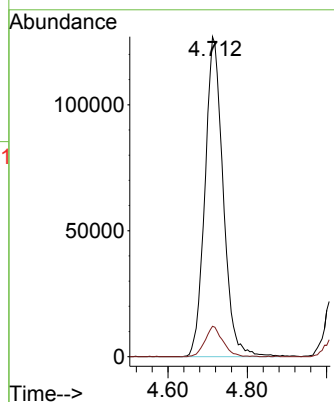
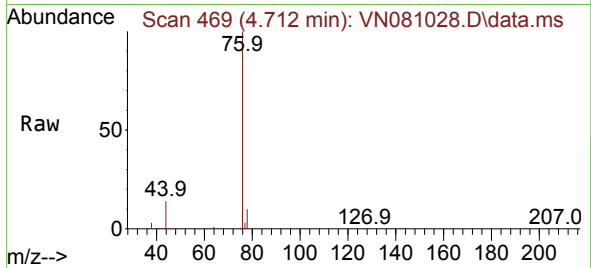




#17
Carbon Disulfide
Concen: 18.099 ug/l
RT: 4.712 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

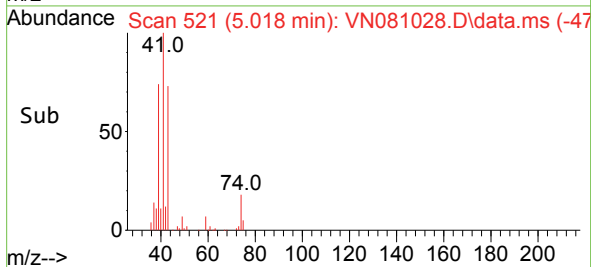
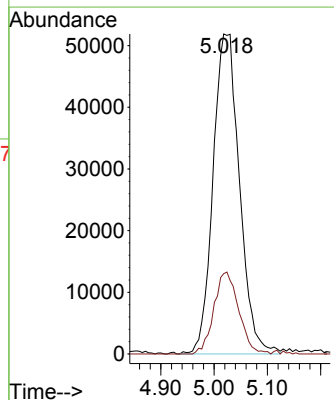
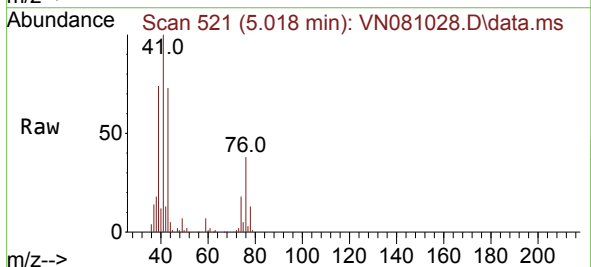
Instrument :
MSVOA_N
ClientSampleId :

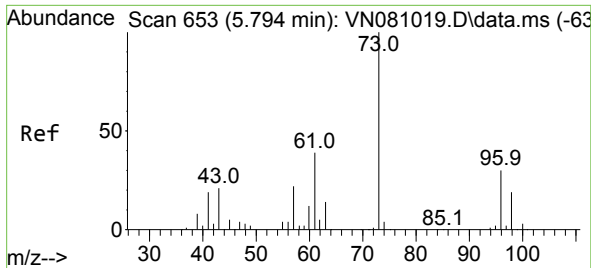
Tgt Ion: 76 Resp: 404758
Ion Ratio Lower Upper
76 100
78 9.5 6.3 9.5#



#18
Methyl Acetate
Concen: 19.934 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 43 Resp: 179034
Ion Ratio Lower Upper
43 100
74 24.0 17.3 25.9

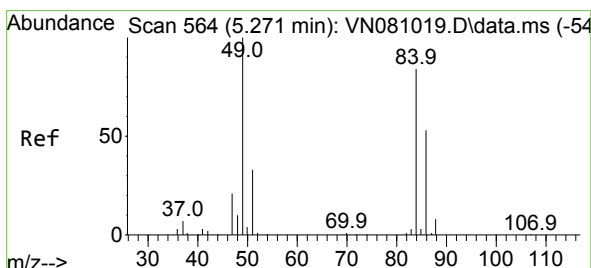
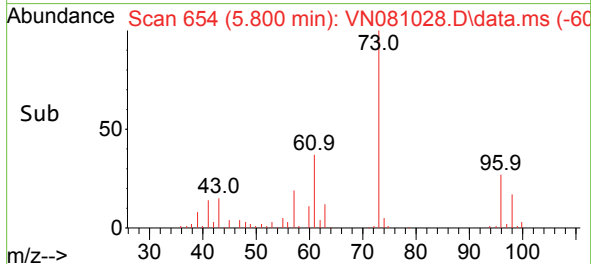
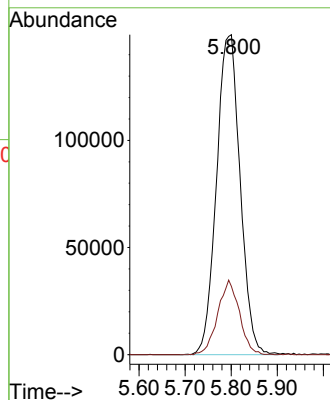
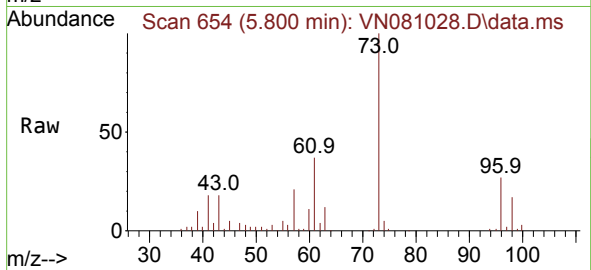




#19
Methyl tert-butyl Ether
Concen: 19.686 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

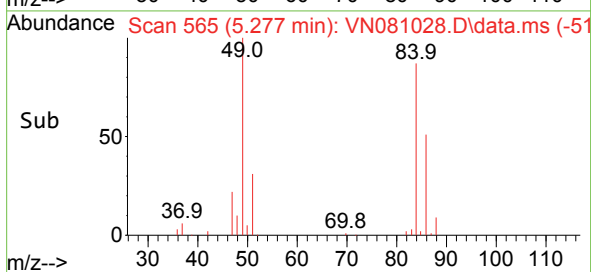
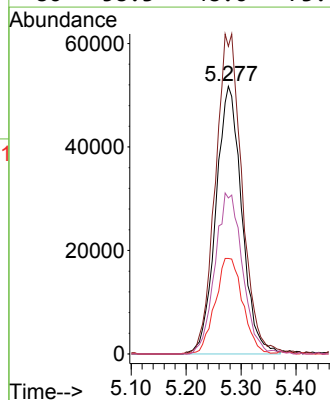
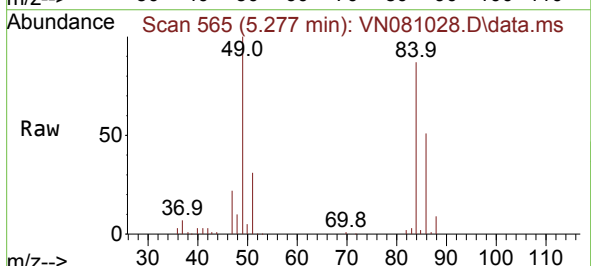
Instrument :
MSVOA_N
ClientSampleId :

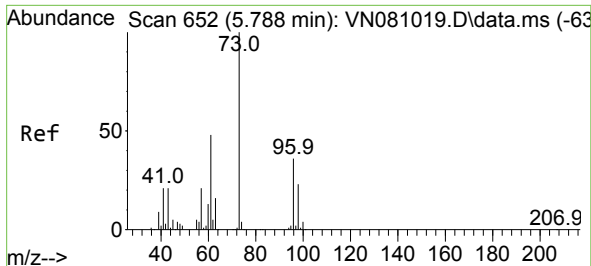
Tgt Ion: 73 Resp: 530208
Ion Ratio Lower Upper
73 100
57 21.3 18.2 27.4



#20
Methylene Chloride
Concen: 19.098 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

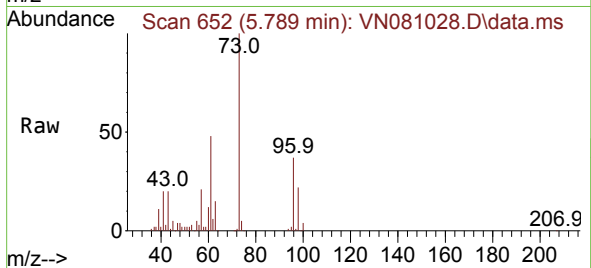
Tgt Ion: 84 Resp: 169634
Ion Ratio Lower Upper
84 100
49 115.0 108.1 162.1
51 35.7 32.9 49.3
86 58.3 48.6 73.0



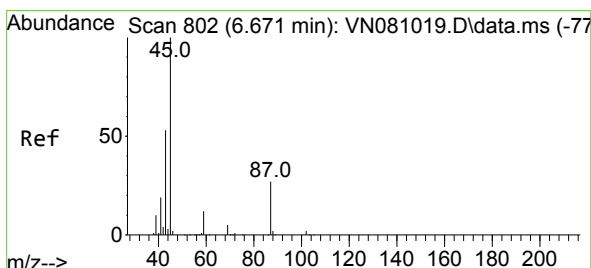
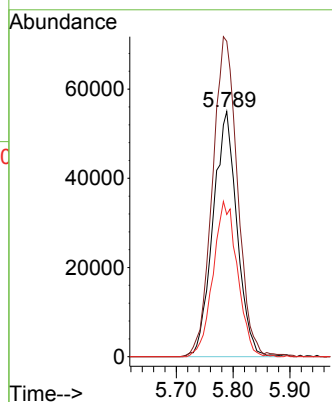
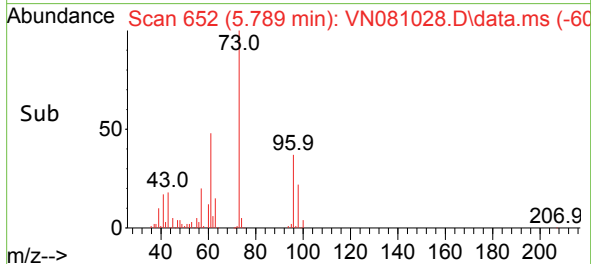


#21
trans-1,2-Dichloroethene
Concen: 19.015 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :

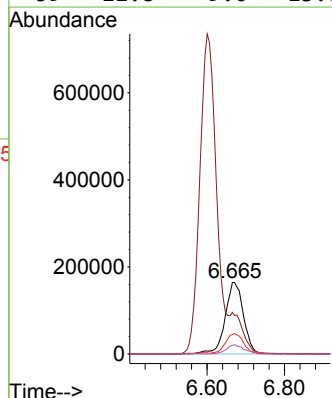
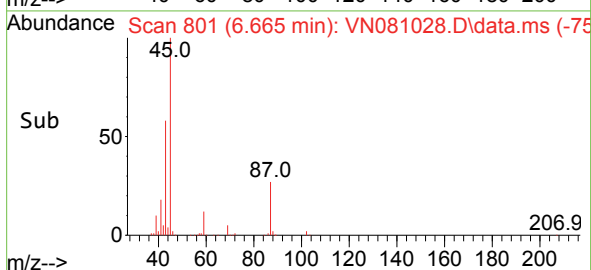
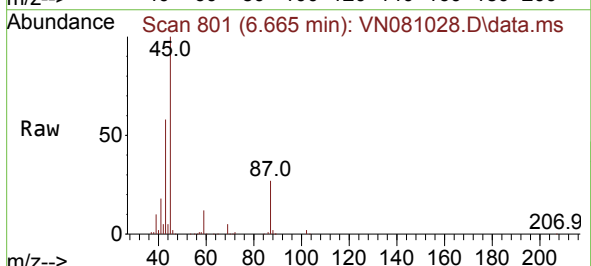


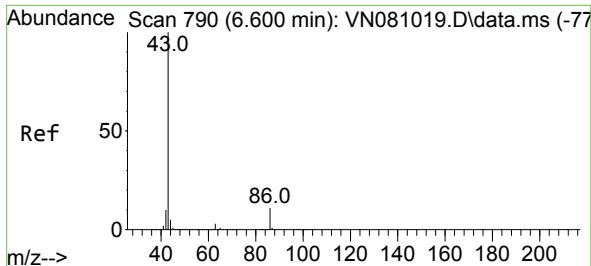
Tgt Ion: 96 Resp: 161358
Ion Ratio Lower Upper
96 100
61 128.7 112.8 169.2
98 58.0 51.0 76.4



#22
Diisopropyl ether
Concen: 19.609 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 45 Resp: 539140
Ion Ratio Lower Upper
45 100
43 57.9 41.8 62.8
87 27.3 18.1 27.1#
59 11.8 9.0 13.6

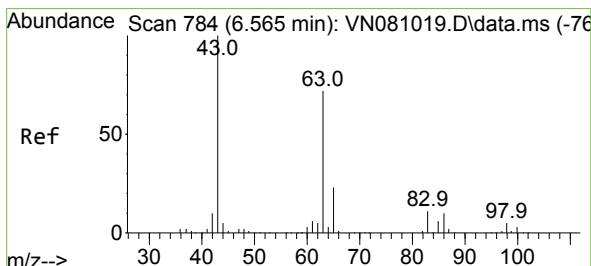
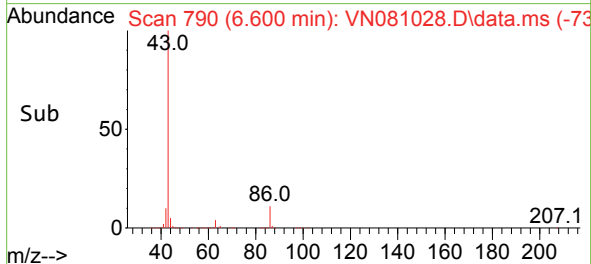
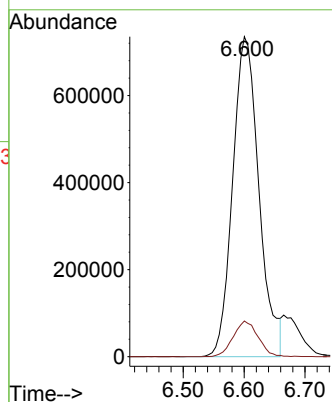
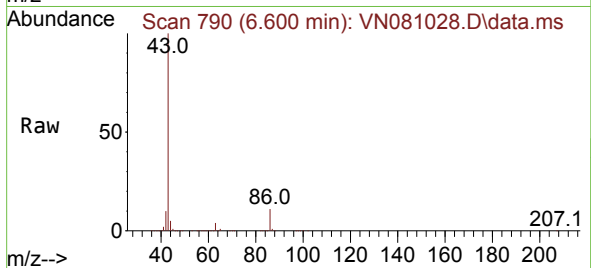




#23
 Vinyl Acetate
 Concen: 99.435 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

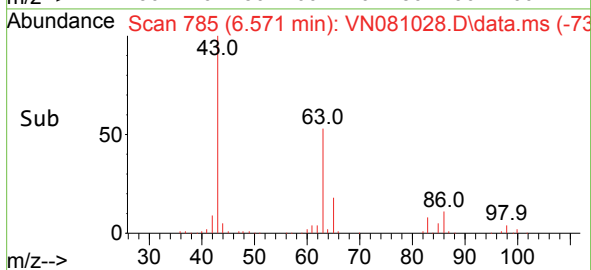
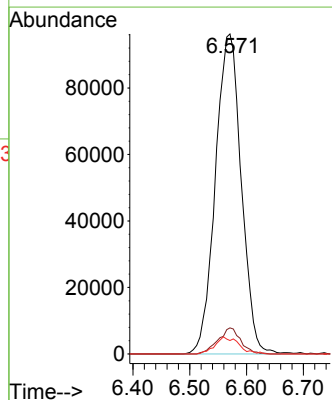
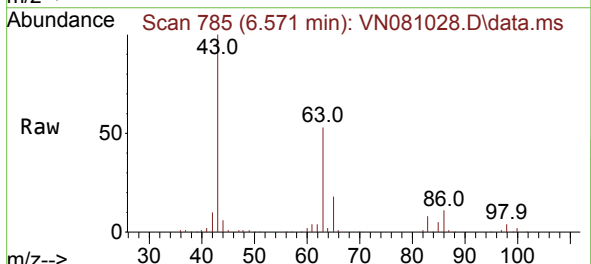
Instrument :
 MSVOA_N
 ClientSampleId :

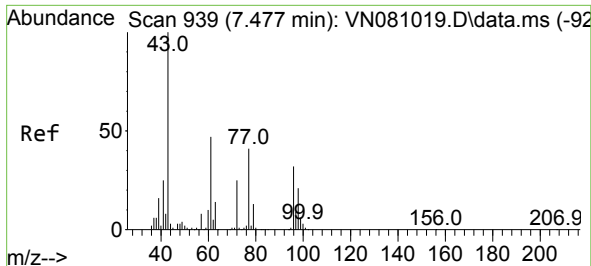
Tgt Ion: 43 Resp: 2203525
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.838 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

Tgt Ion: 63 Resp: 304154
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 4.2 1.9 5.7

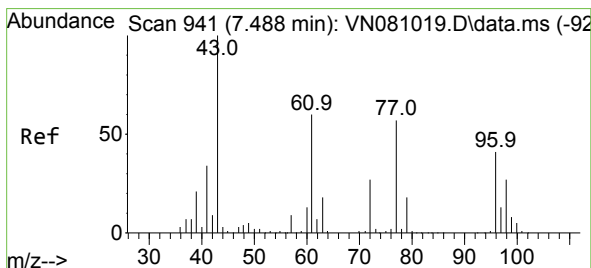
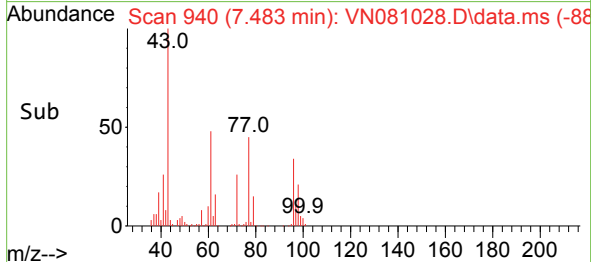
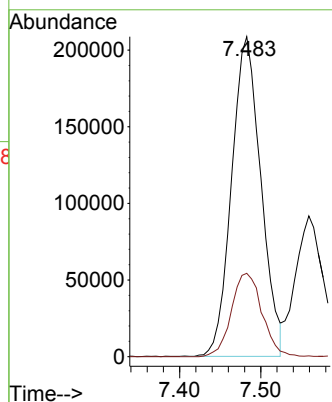
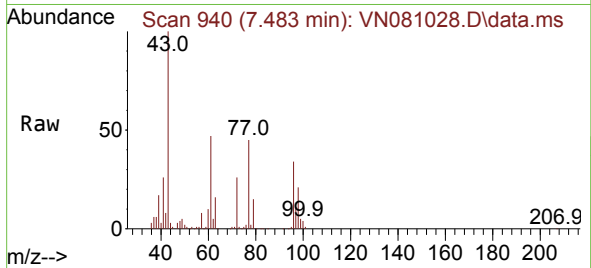




#25
2-Butanone
Concen: 94.579 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

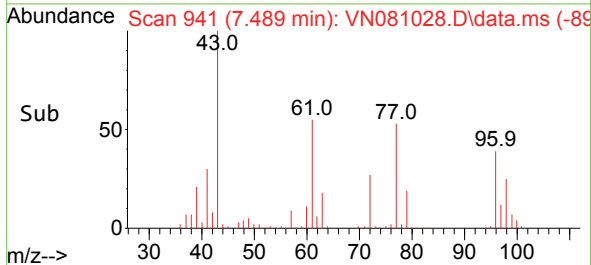
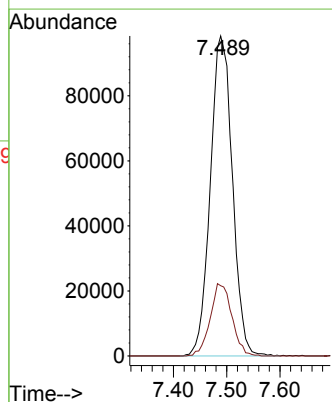
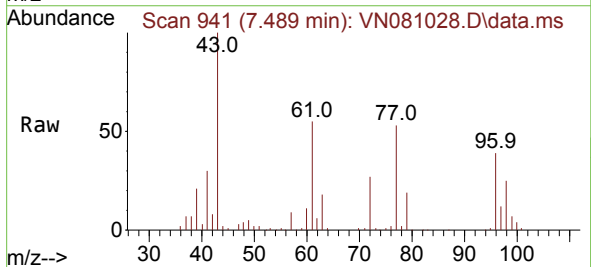
Instrument :
MSVOA_N
ClientSampleId :

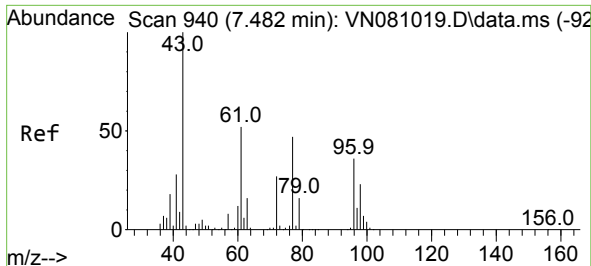
Tgt Ion: 43 Resp: 523590
Ion Ratio Lower Upper
43 100
72 26.1 19.5 29.3



#26
2,2-Dichloropropane
Concen: 20.081 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 77 Resp: 283351
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 19.355 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

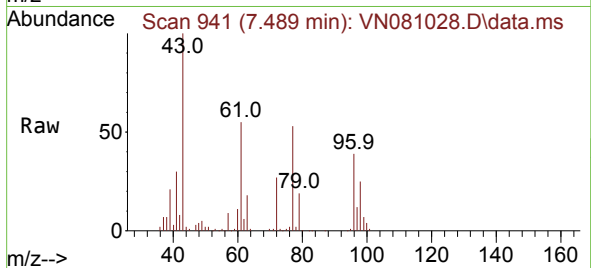
Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :



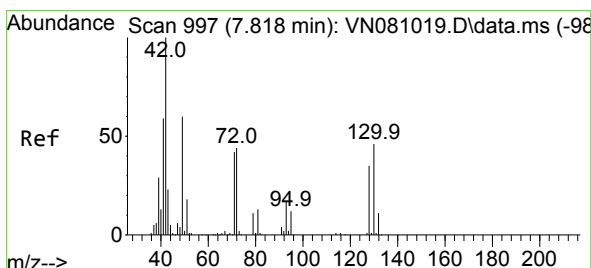
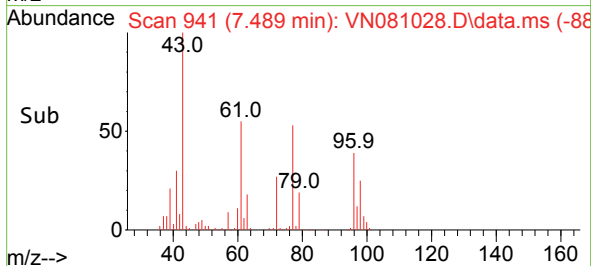
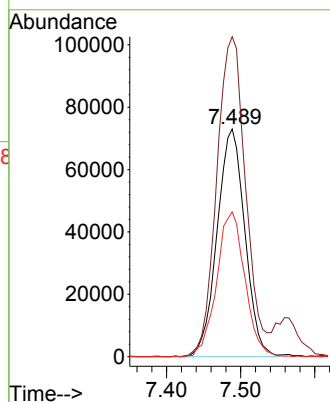
Tgt Ion: 96 Resp: 189812

Ion Ratio Lower Upper

96 100

61 146.2 0.0 325.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 22.295 ug/l

RT: 7.818 min Scan# 997

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

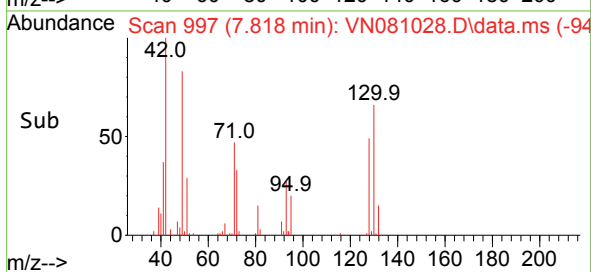
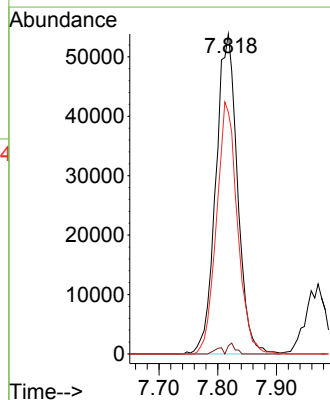
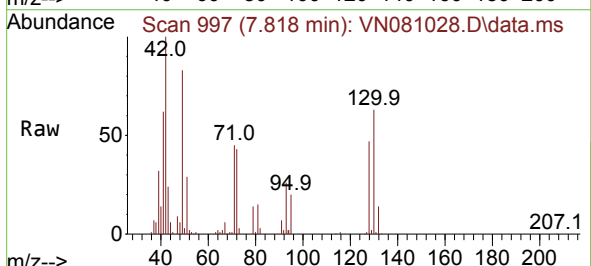
Tgt Ion: 49 Resp: 138002

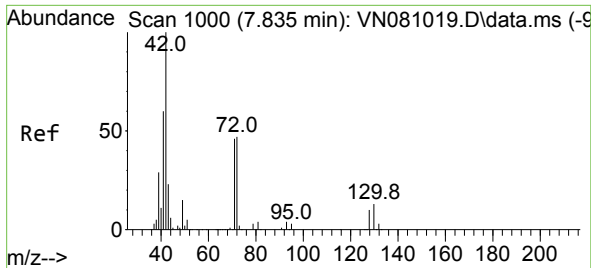
Ion Ratio Lower Upper

49 100

129 1.2 0.0 1.6

130 75.9 42.3 63.5#

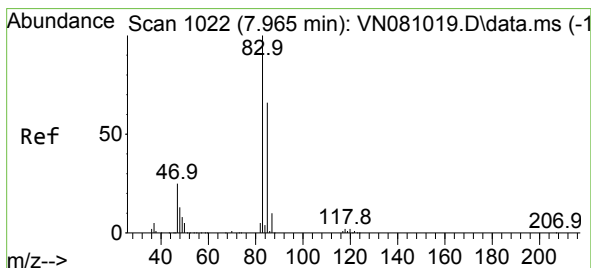
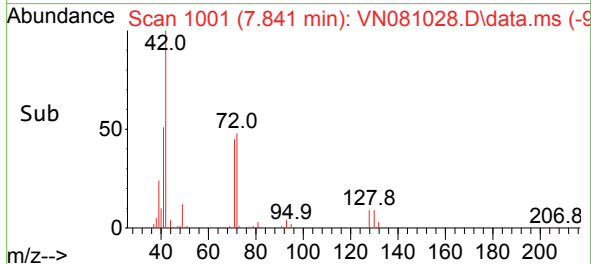
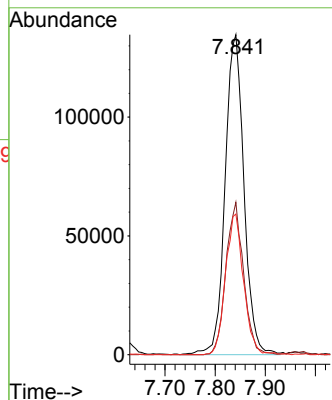
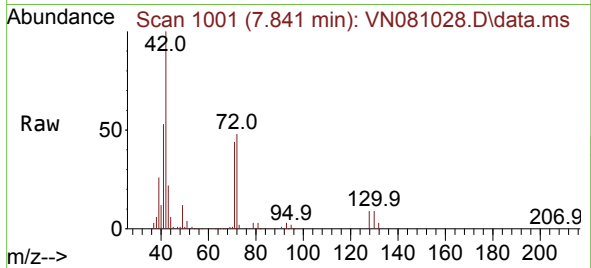




#29
Tetrahydrofuran
Concen: 98.923 ug/l
RT: 7.841 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

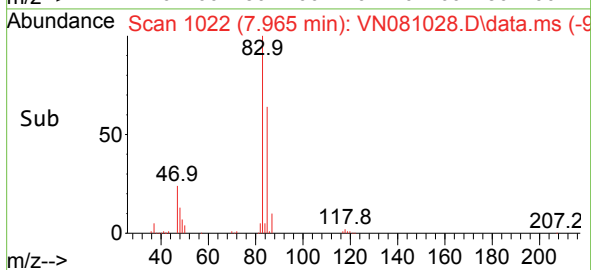
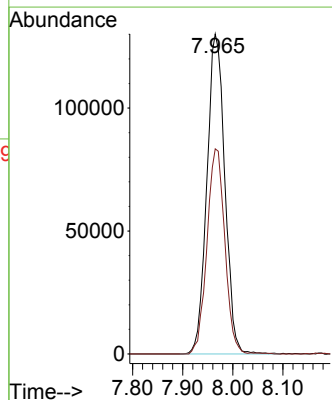
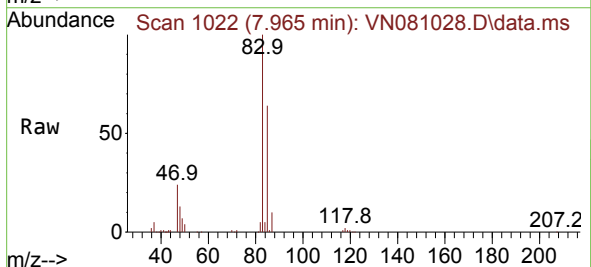
Instrument :
MSVOA_N
ClientSampleId :

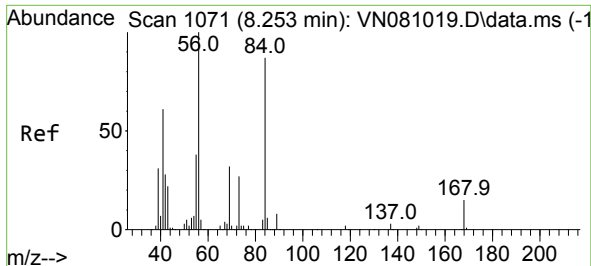
Tgt Ion: 42 Resp: 351953
Ion Ratio Lower Upper
42 100
72 44.7 31.1 46.7
71 42.2 28.3 42.5



#30
Chloroform
Concen: 19.666 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 83 Resp: 323593
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.6

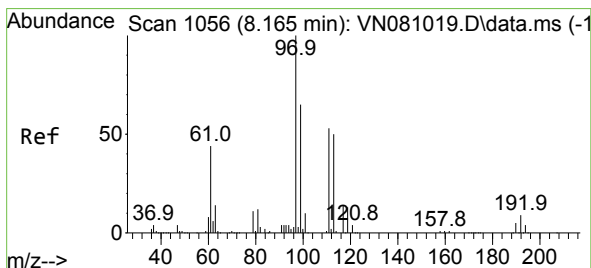
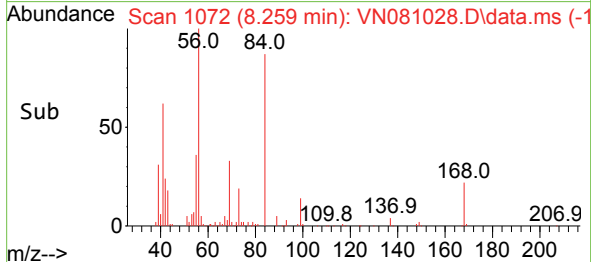
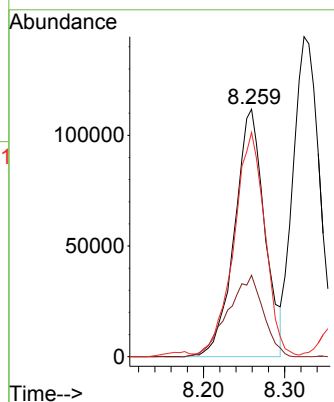
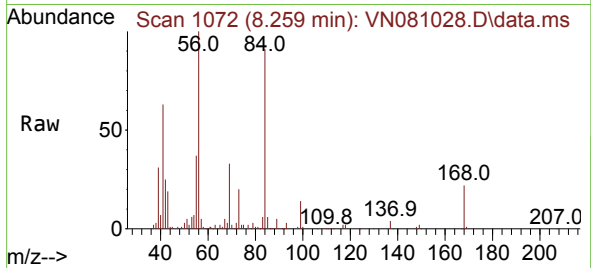




#31
Cyclohexane
Concen: 19.012 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

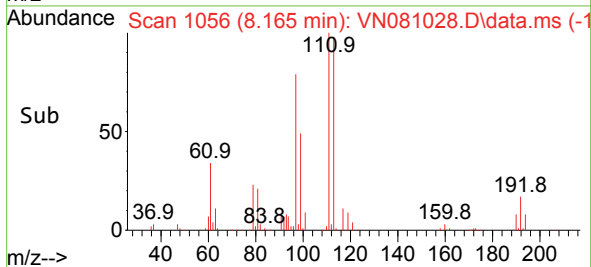
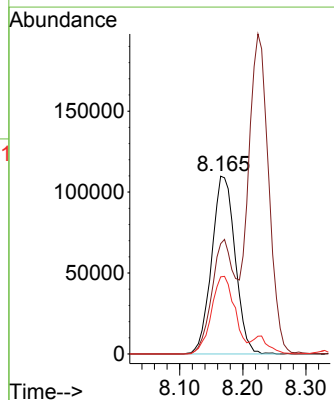
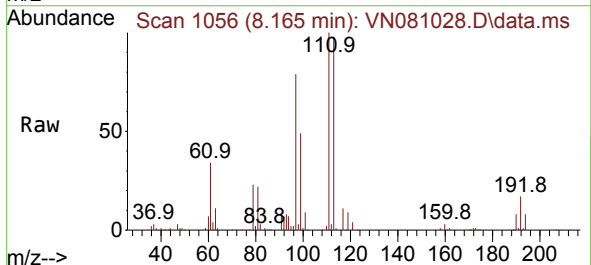
Instrument :
MSVOA_N
ClientSampleId :

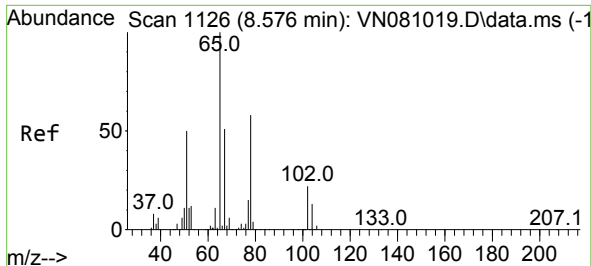
Tgt Ion: 56 Resp: 287696
Ion Ratio Lower Upper
56 100
69 32.9 20.1 30.1#
84 89.0 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 19.474 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 97 Resp: 282944
Ion Ratio Lower Upper
97 100
99 64.1 53.4 80.0
61 43.7 43.8 65.8#





#33

1,2-Dichloroethane-d4

Concen: 47.186 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

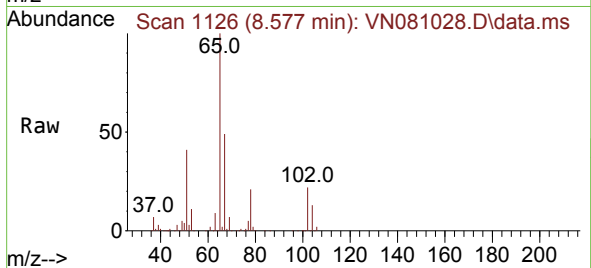
Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

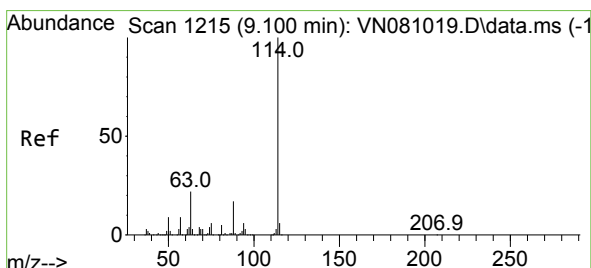
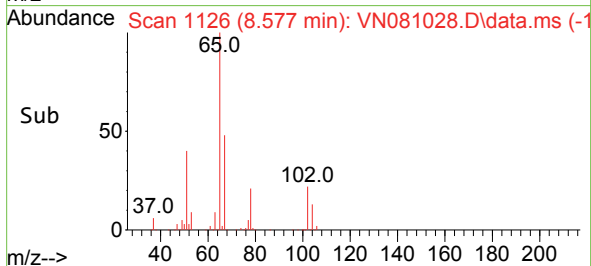
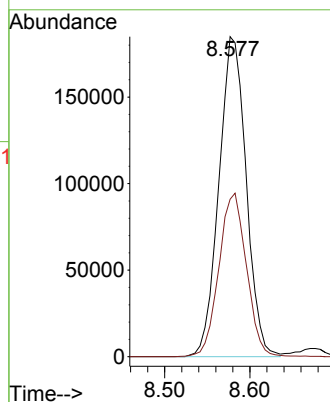


Tgt Ion: 65 Resp: 411036

Ion Ratio Lower Upper

65 100

67 51.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

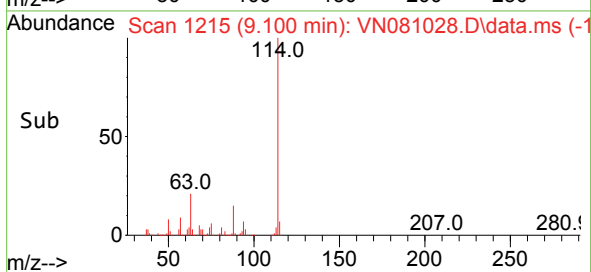
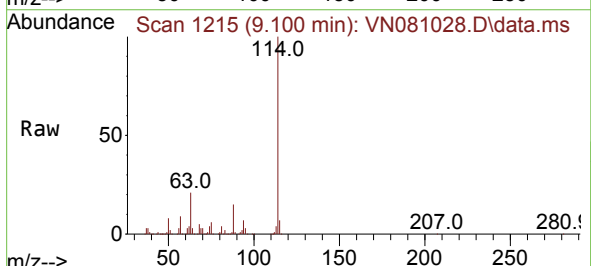
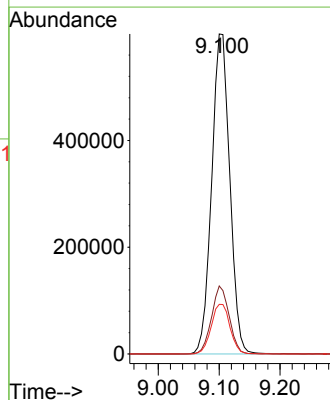
Tgt Ion: 114 Resp: 1237098

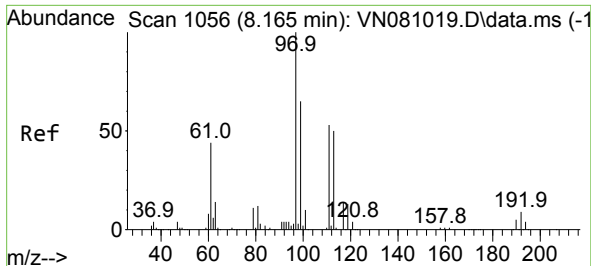
Ion Ratio Lower Upper

114 100

63 21.3 0.0 48.0

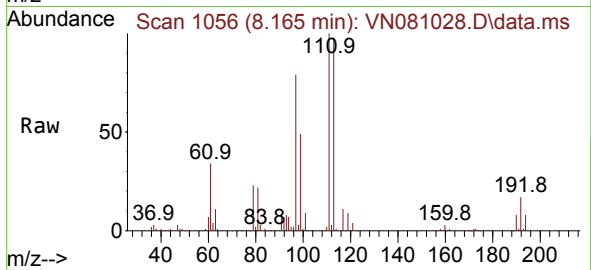
88 15.5 0.0 34.8



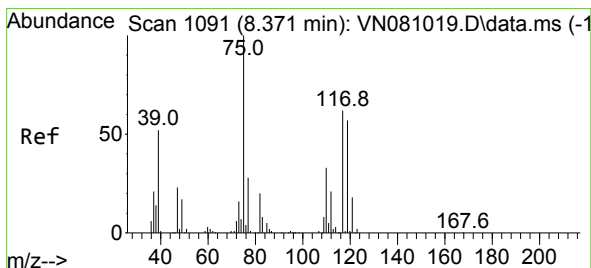
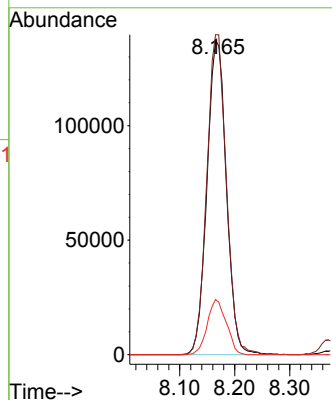
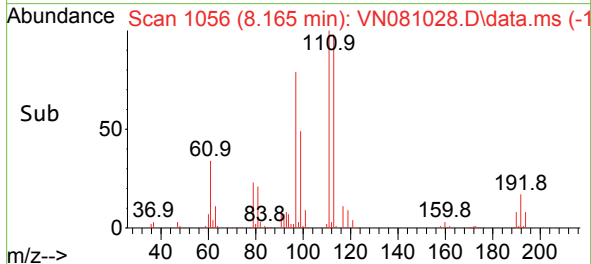


#35
Dibromofluoromethane
Concen: 47.336 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

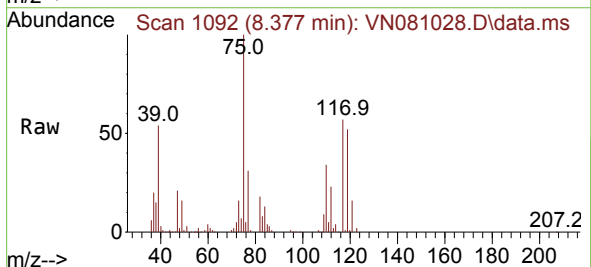
Instrument :
MSVOA_N
ClientSampleId :



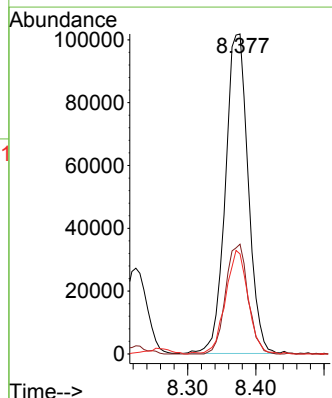
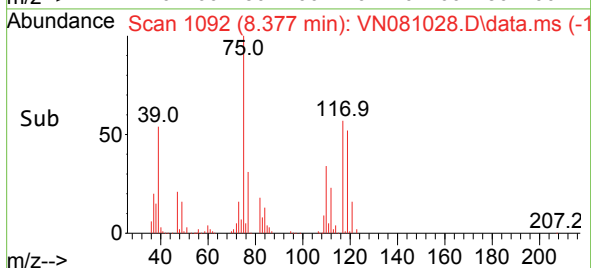
Tgt Ion:113 Resp: 335750
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.3 12.5 18.7

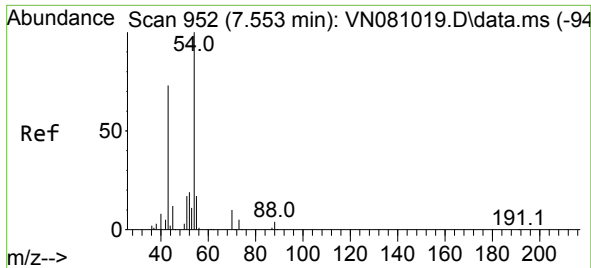


#36
1,1-Dichloropropene
Concen: 19.968 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22



Tgt Ion: 75 Resp: 236312
Ion Ratio Lower Upper
75 100
110 33.8 16.0 48.0
77 32.2 25.8 38.6

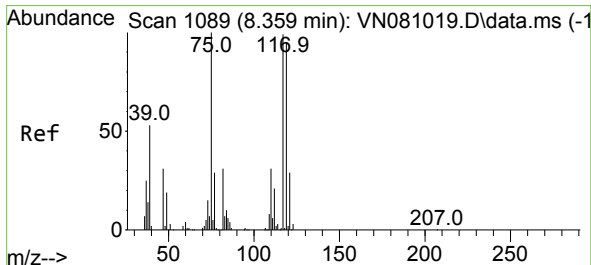
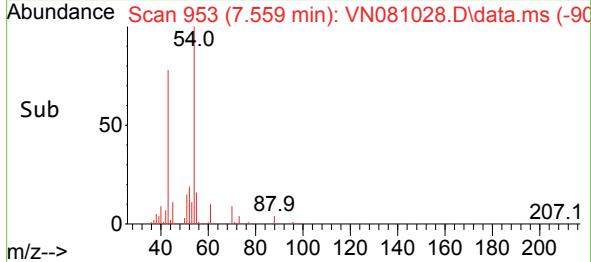
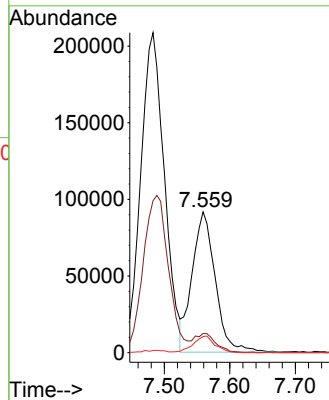
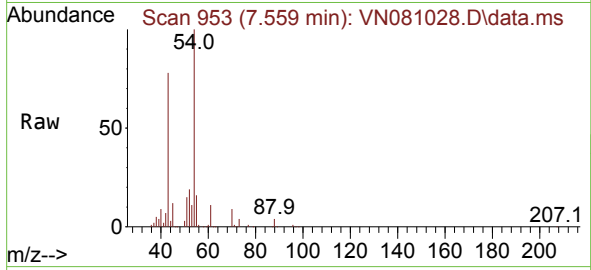




#37
Ethyl Acetate
Concen: 20.816 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

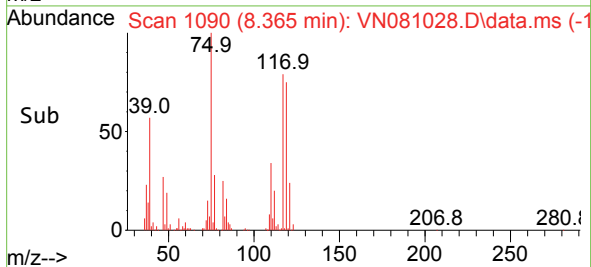
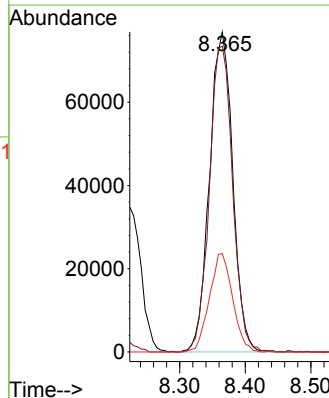
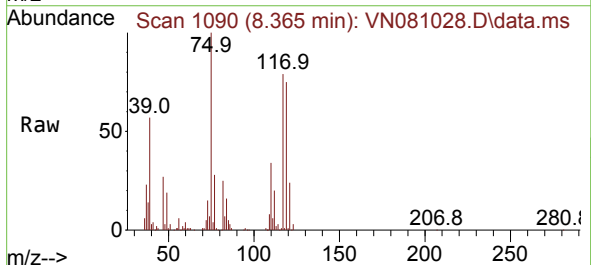
Instrument :
MSVOA_N
ClientSampleId :

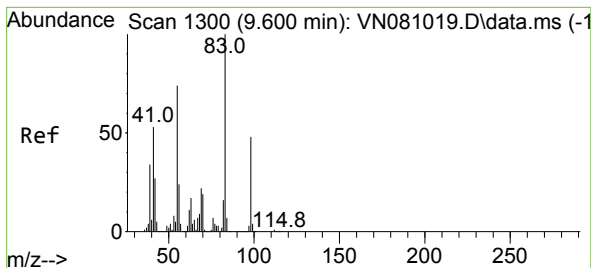
Tgt Ion: 43 Resp: 225351
Ion Ratio Lower Upper
43 100
61 12.9 10.6 15.8
70 11.1 8.0 12.0



#38
Carbon Tetrachloride
Concen: 21.846 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 117 Resp: 189240
Ion Ratio Lower Upper
117 100
119 95.6 73.4 110.2
121 30.8 24.4 36.6





#39

Methylcyclohexane

Concen: 20.161 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

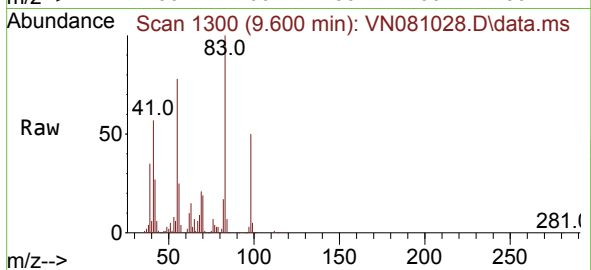
Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :



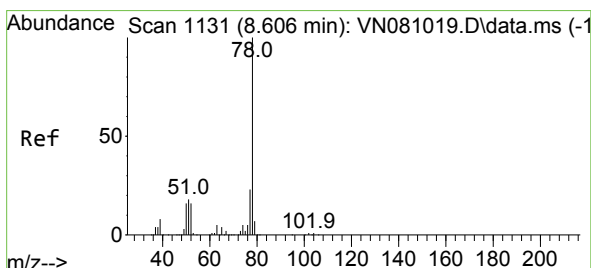
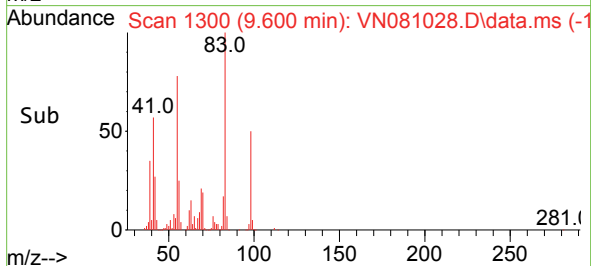
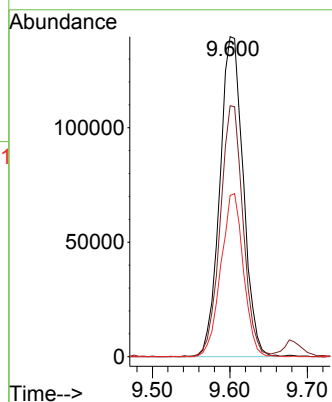
Tgt Ion: 83 Resp: 293538

Ion Ratio Lower Upper

83 100

55 78.4 65.7 98.5

98 50.4 33.8 50.6



#40

Benzene

Concen: 20.032 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081028.D

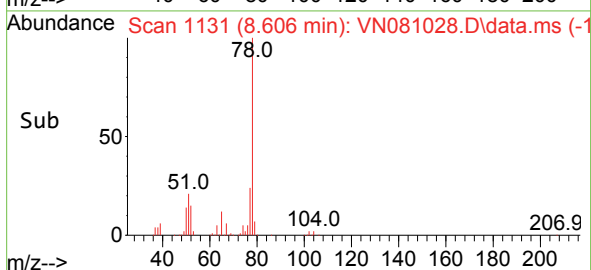
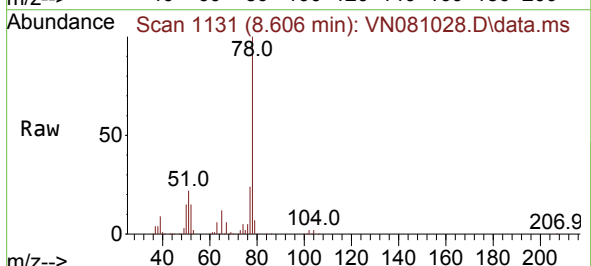
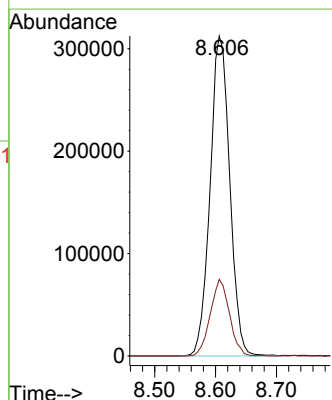
Acq: 14 Feb 2024 16:22

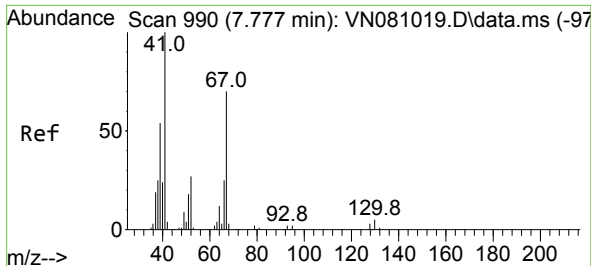
Tgt Ion: 78 Resp: 701064

Ion Ratio Lower Upper

78 100

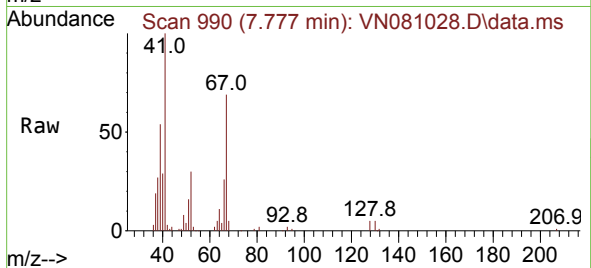
77 23.9 20.4 30.6



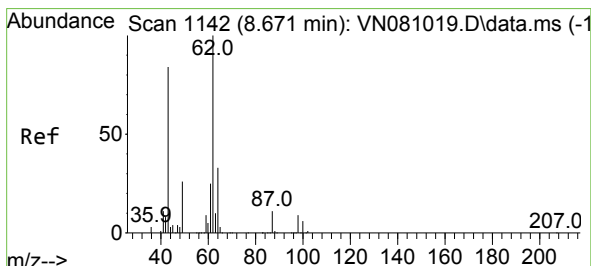
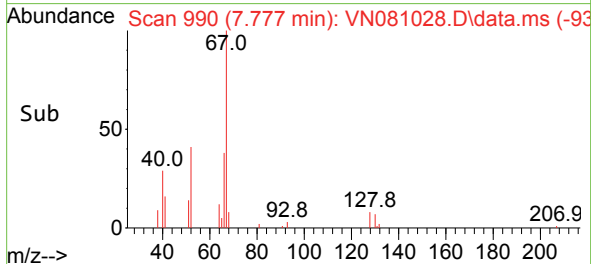
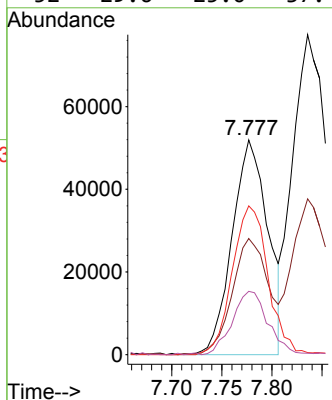


#41
Methacrylonitrile
Concen: 19.601 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :

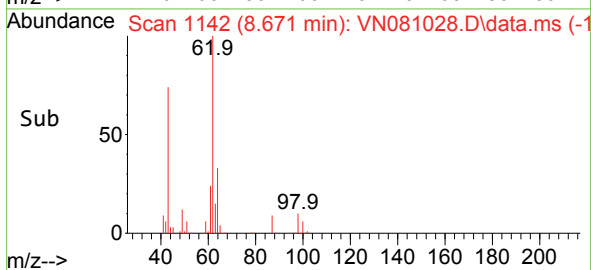
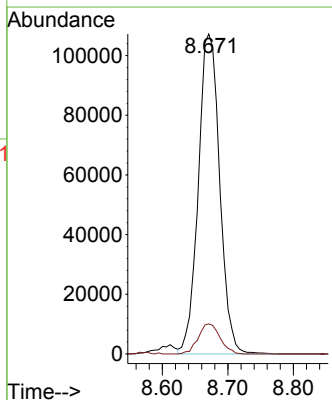
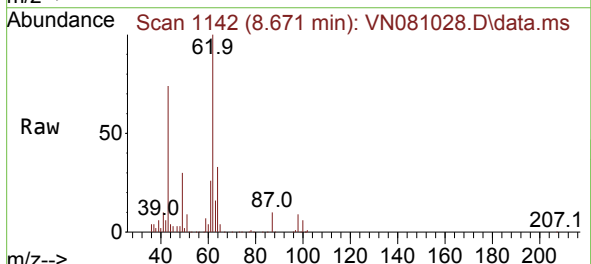


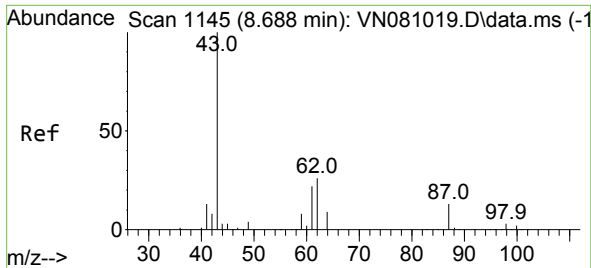
Tgt Ion:	41	Resp:	128809
Ion	Ratio	Lower	Upper
41	100		
39	55.0	48.4	72.6
67	69.6	56.8	85.2
52	29.6	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.628 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:	62	Resp:	243824
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	18.0

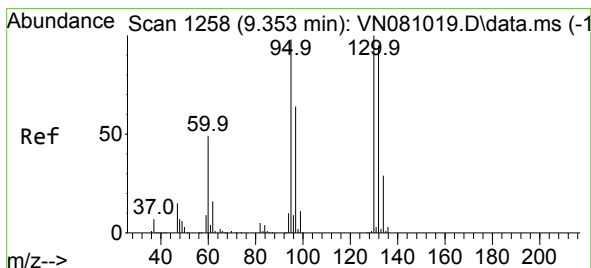
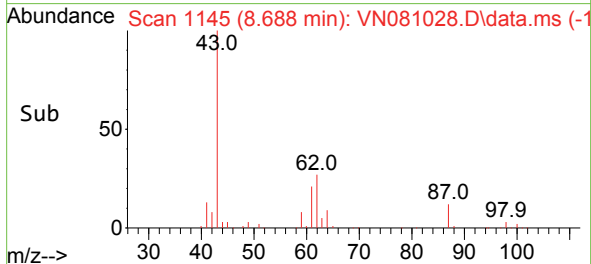
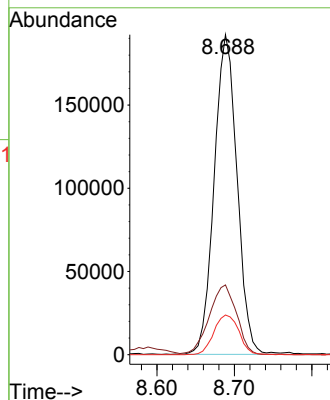
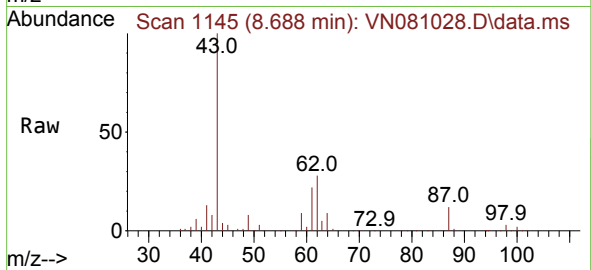




#43
Isopropyl Acetate
Concen: 19.380 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

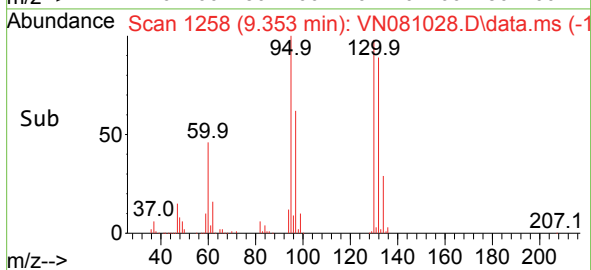
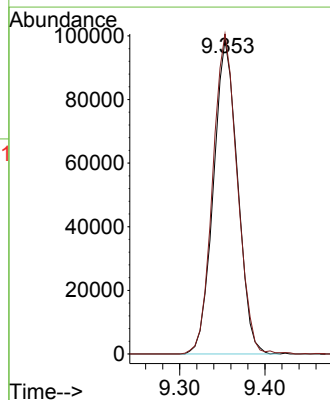
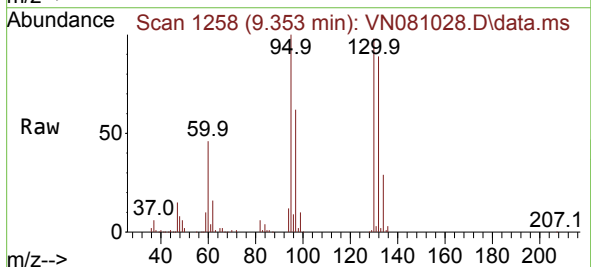
Instrument :
MSVOA_N
ClientSampleId :

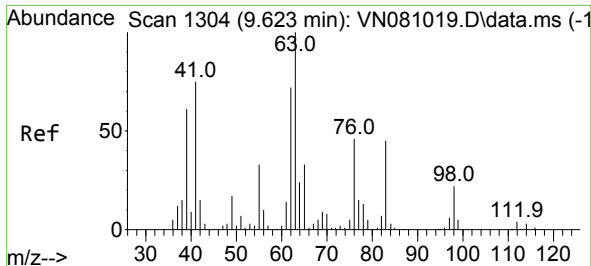
Tgt Ion: 43 Resp: 393063
Ion Ratio Lower Upper
43 100
61 26.0 19.9 29.9
87 13.6 9.0 13.6#



#44
Trichloroethene
Concen: 18.752 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:130 Resp: 194380
Ion Ratio Lower Upper
130 100
95 101.8 0.0 210.4

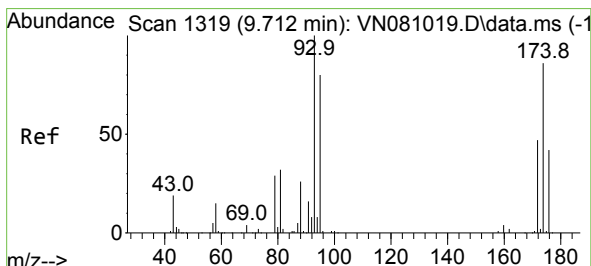
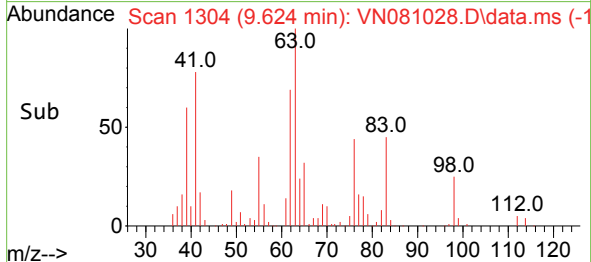
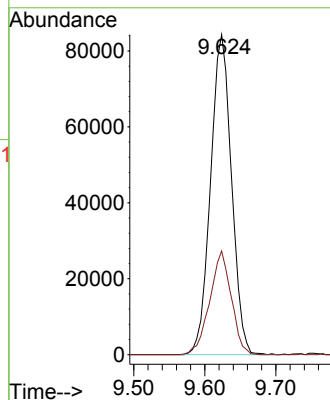
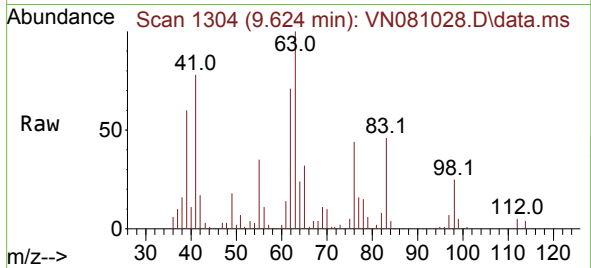




#45
1,2-Dichloropropane
Concen: 19.937 ug/l
RT: 9.624 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

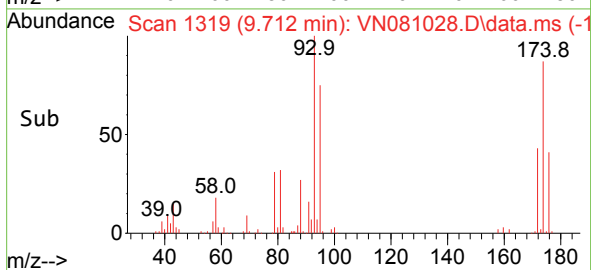
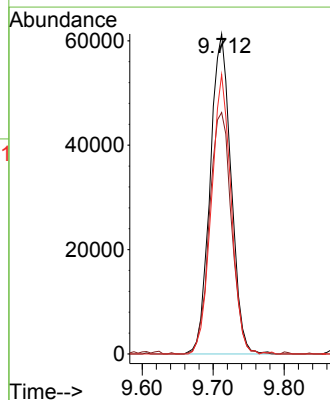
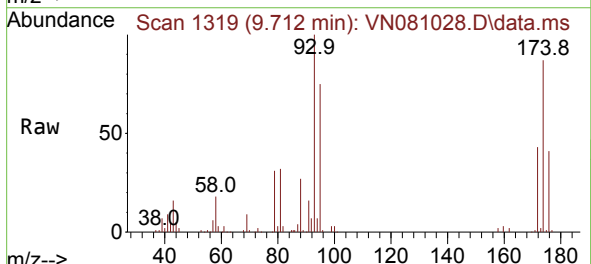
Instrument :
MSVOA_N
ClientSampleId :

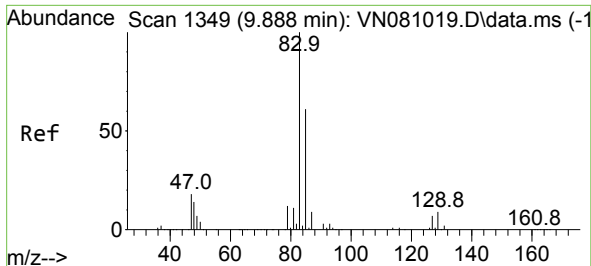
Tgt Ion: 63 Resp: 172597
Ion Ratio Lower Upper
63 100
65 32.4 26.1 39.1



#46
Dibromomethane
Concen: 20.514 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 93 Resp: 125354
Ion Ratio Lower Upper
93 100
95 79.4 68.1 102.1
174 82.3 57.2 85.8





#47

Bromodichloromethane

Concen: 20.366 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

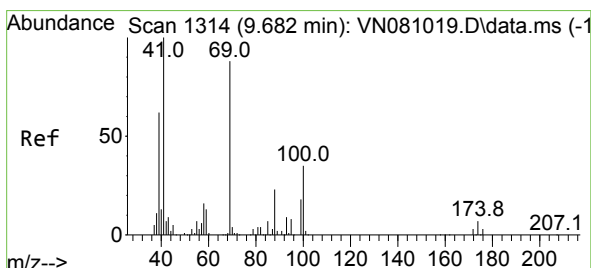
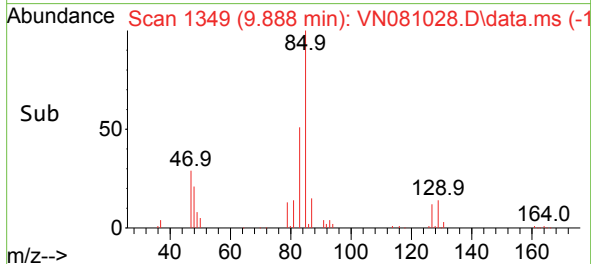
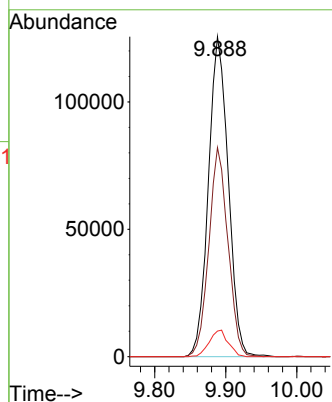
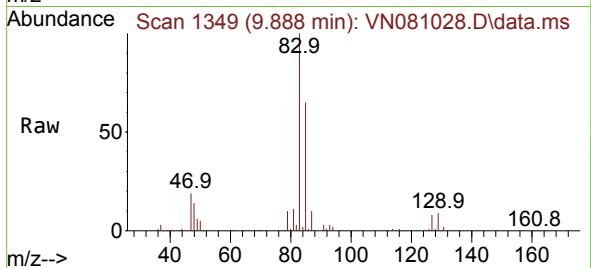
Tgt Ion: 83 Resp: 243903

Ion Ratio Lower Upper

83 100

85 65.4 52.3 78.5

127 8.0 4.6 7.0#



#48

Methyl methacrylate

Concen: 19.572 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

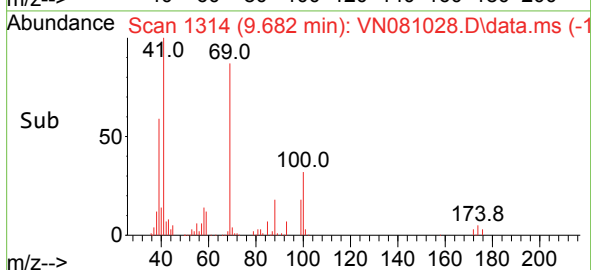
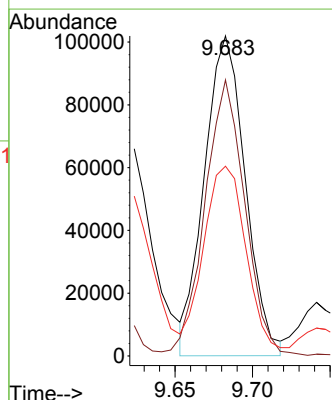
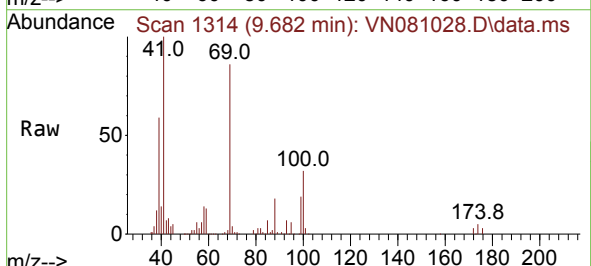
Tgt Ion: 41 Resp: 186896

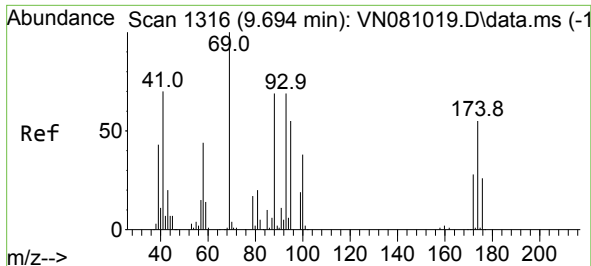
Ion Ratio Lower Upper

41 100

69 84.1 62.2 93.2

39 62.9 47.6 71.4





#49

1,4-Dioxane

Concen: 363.479 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

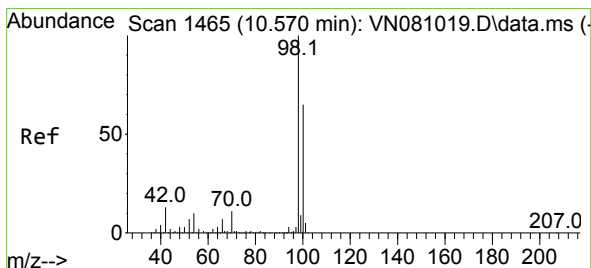
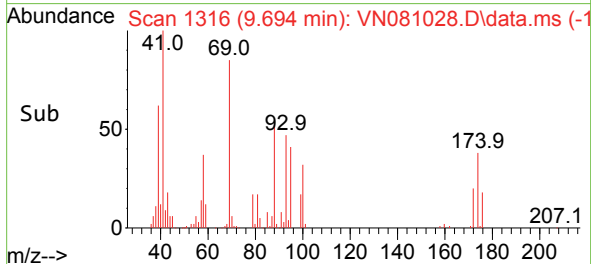
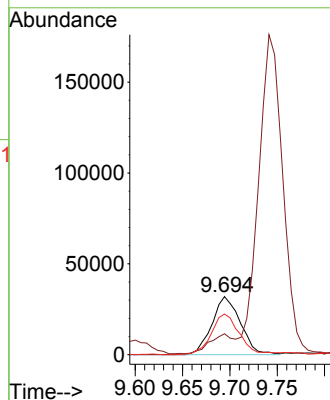
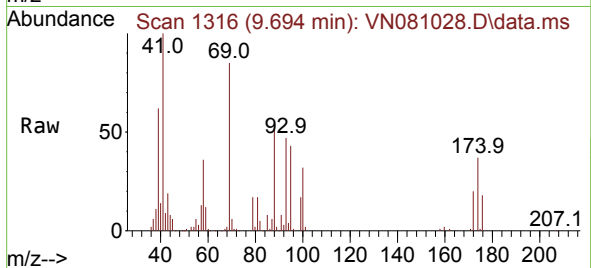
Tgt Ion: 88 Resp: 66944

Ion Ratio Lower Upper

88 100

43 29.4 30.1 45.1#

58 69.6 63.9 95.9



#50

Toluene-d8

Concen: 47.076 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081028.D

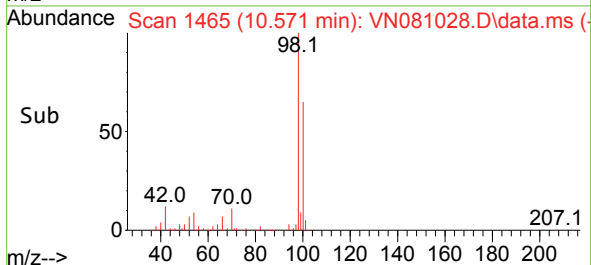
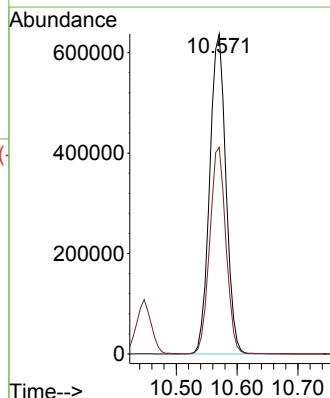
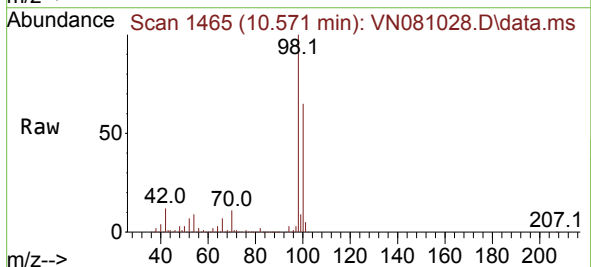
Acq: 14 Feb 2024 16:22

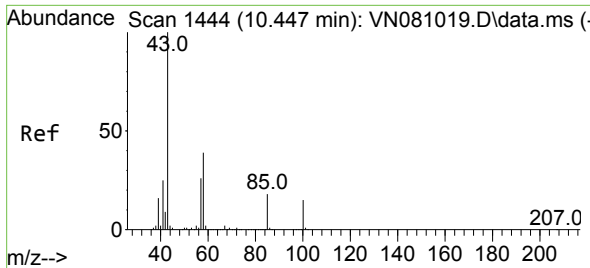
Tgt Ion: 98 Resp: 1177609

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0

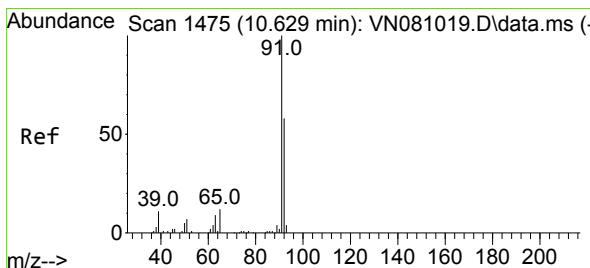
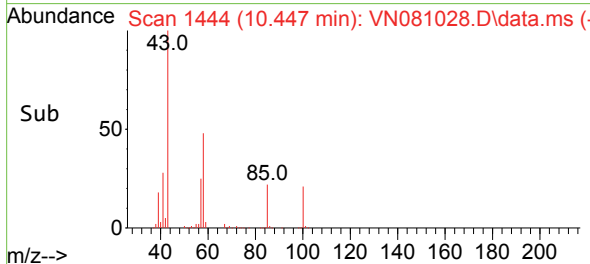
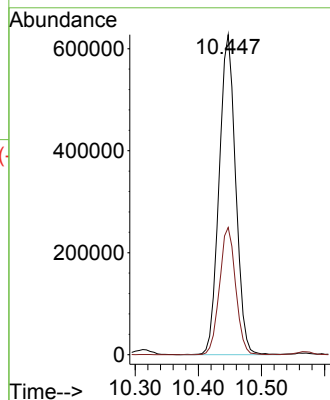
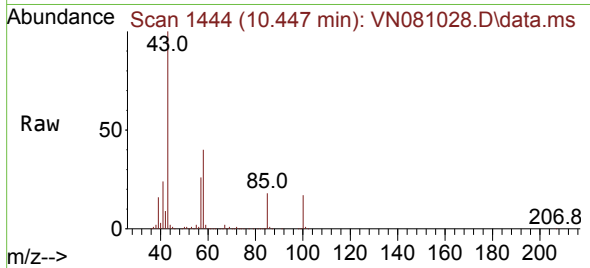




#51
4-Methyl-2-Pentanone
Concen: 101.013 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

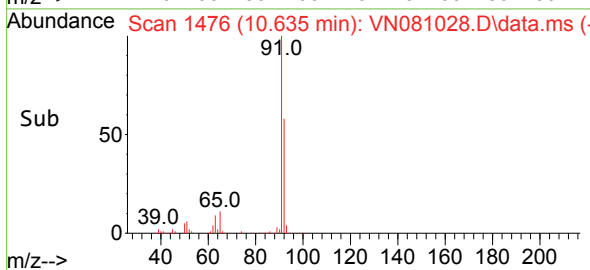
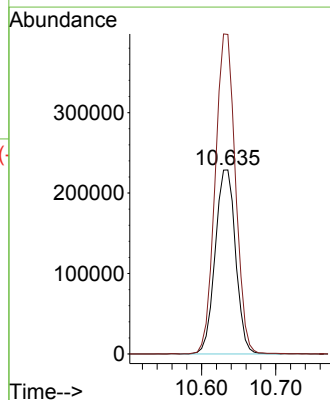
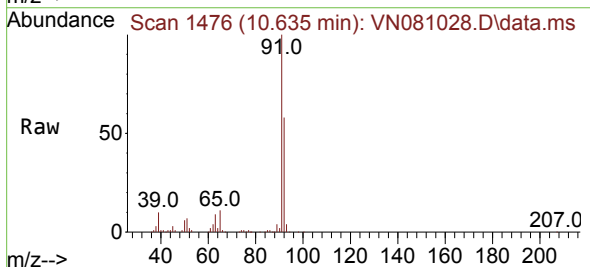
Instrument :
MSVOA_N
ClientSampleId :

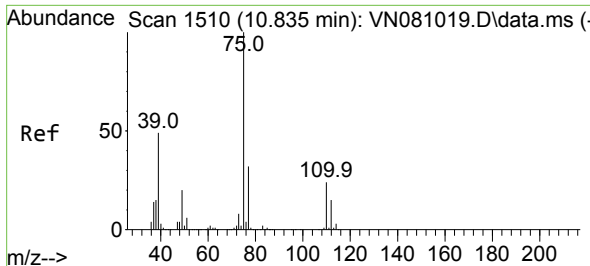
Tgt Ion: 43 Resp: 1142584
Ion Ratio Lower Upper
43 100
58 38.8 29.4 44.0



#52
Toluene
Concen: 20.003 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 92 Resp: 437287
Ion Ratio Lower Upper
92 100
91 172.8 139.4 209.0

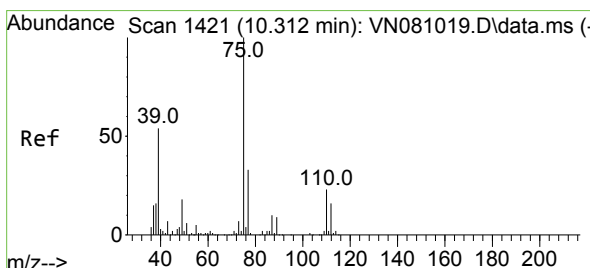
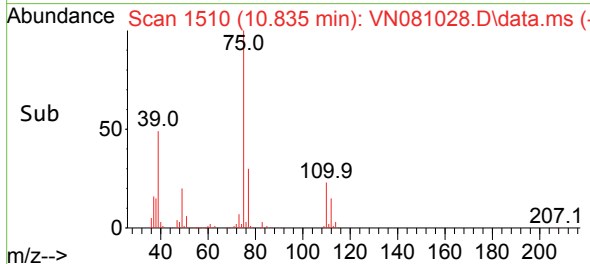
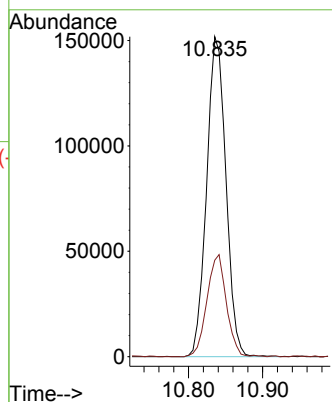
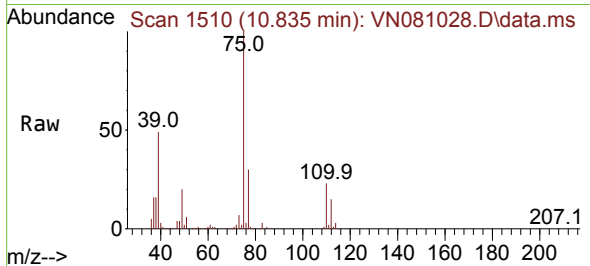




#53
 t-1,3-Dichloropropene
 Concen: 19.435 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

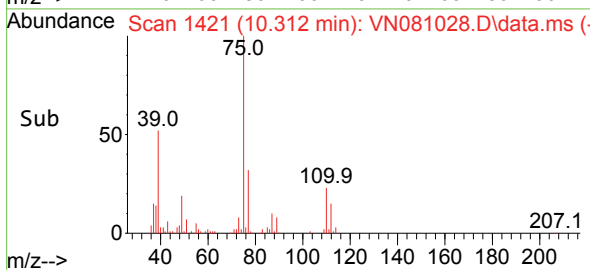
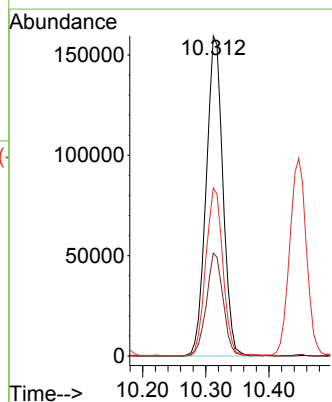
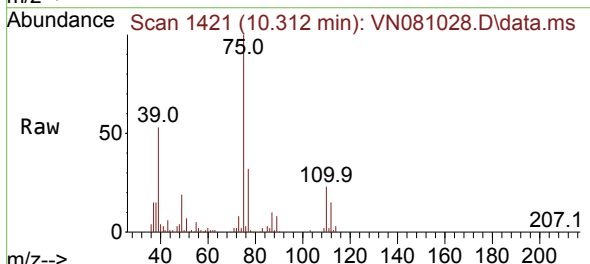
Instrument :
 MSVOA_N
 ClientSampleId :

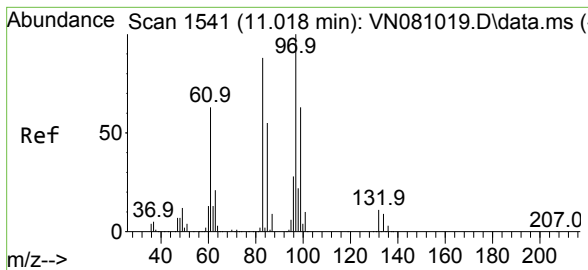
Tgt Ion: 75 Resp: 274219
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.702 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

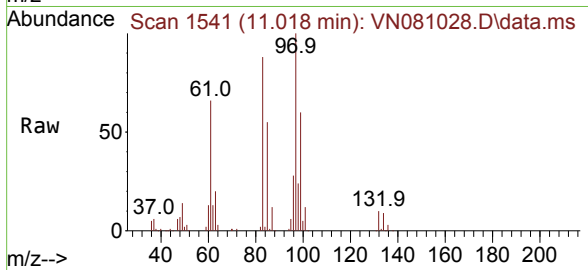
Tgt Ion: 75 Resp: 294000
 Ion Ratio Lower Upper
 75 100
 77 32.2 23.3 34.9
 39 52.5 44.6 66.8



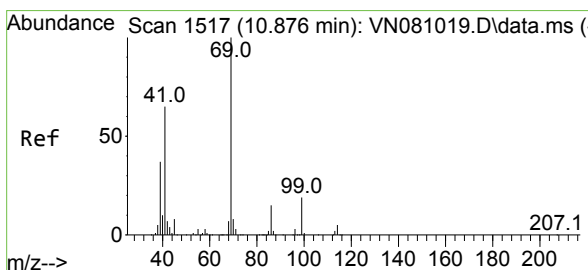
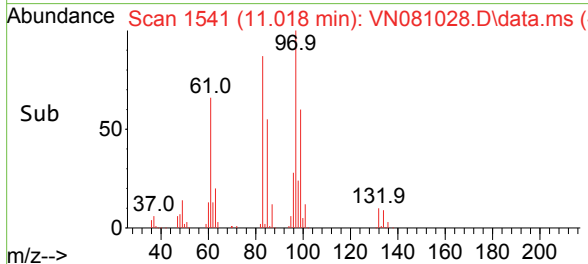
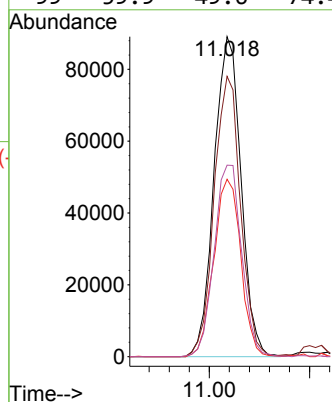


#55
1,1,2-Trichloroethane
Concen: 20.220 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :

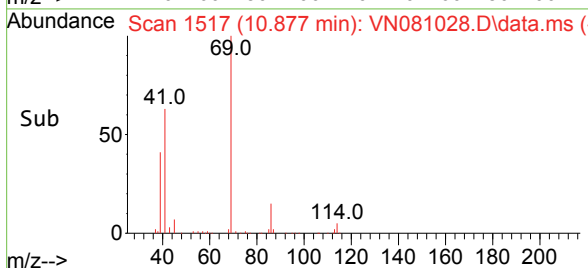
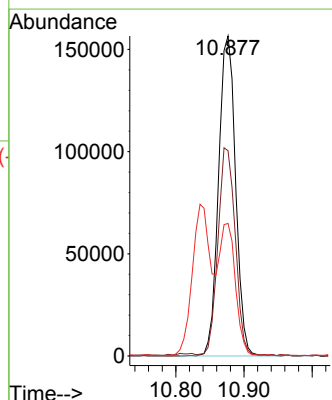
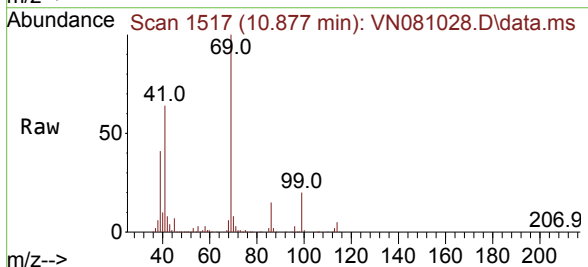


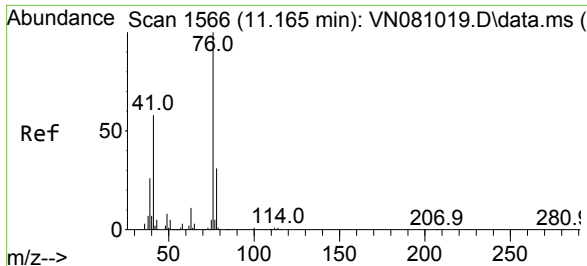
Tgt Ion:	97	Resp:	166226
Ion	Ratio	Lower	Upper
97	100		
83	87.6	72.9	109.3
85	55.4	50.2	75.2
99	59.9	49.6	74.4



#56
Ethyl methacrylate
Concen: 20.246 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:	69	Resp:	272522
Ion	Ratio	Lower	Upper
69	100		
41	65.3	61.0	91.6
39	37.5	31.8	47.6

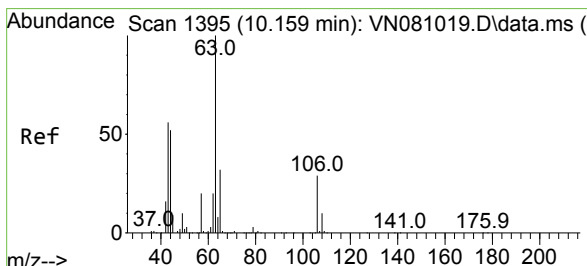
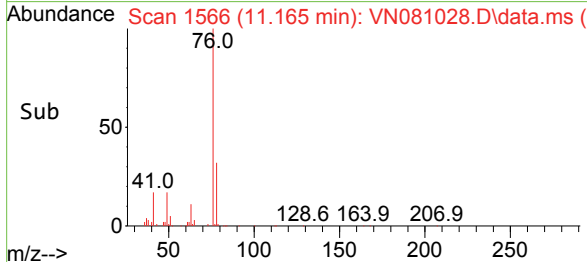
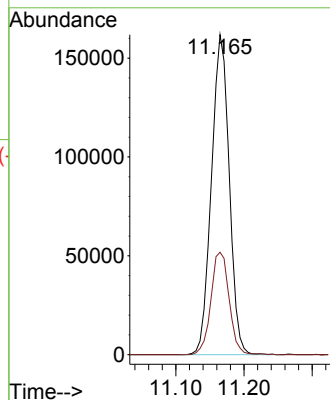
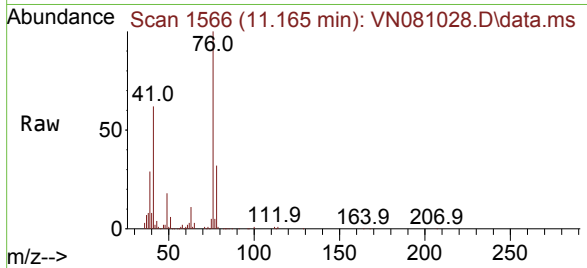




#57
1,3-Dichloropropane
Concen: 20.012 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

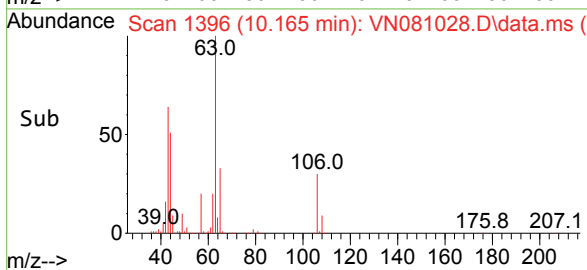
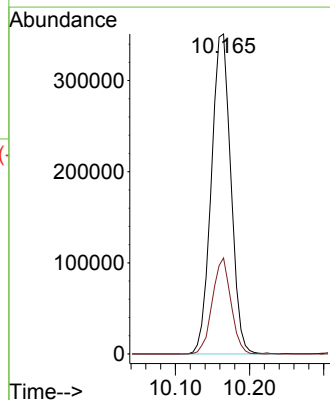
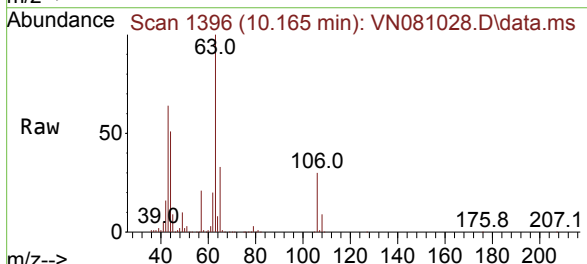
Instrument :
MSVOA_N
ClientSampleId :

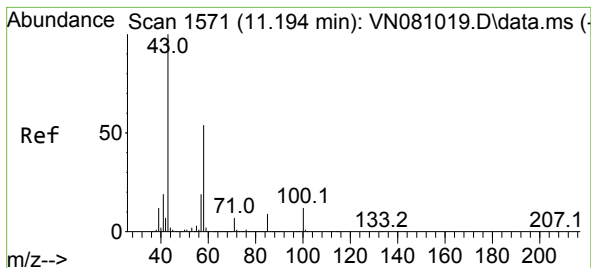
Tgt Ion: 76 Resp: 293890
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 96.252 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

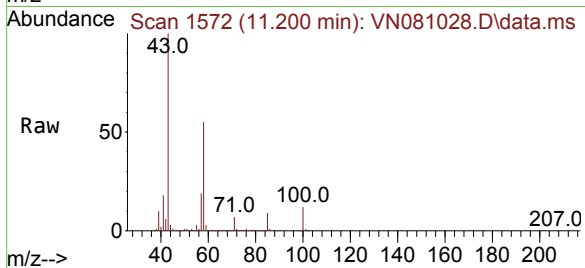
Tgt Ion: 63 Resp: 642870
Ion Ratio Lower Upper
63 100
106 28.5 18.6 28.0#



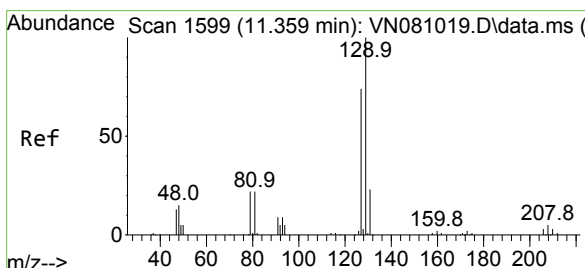
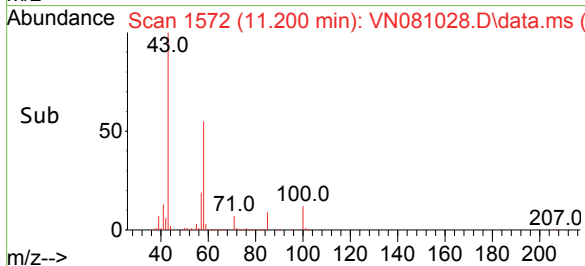
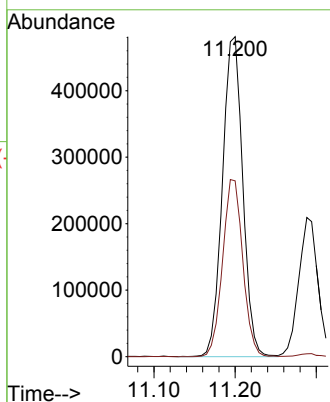


#59
2-Hexanone
Concen: 100.706 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Instrument :
MSVOA_N
ClientSampleId :

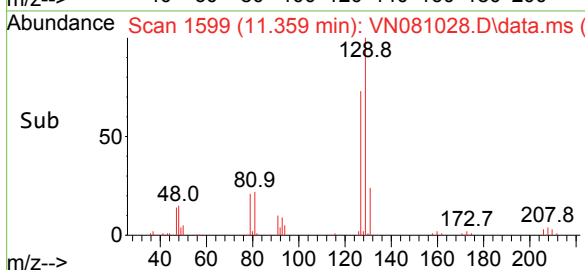
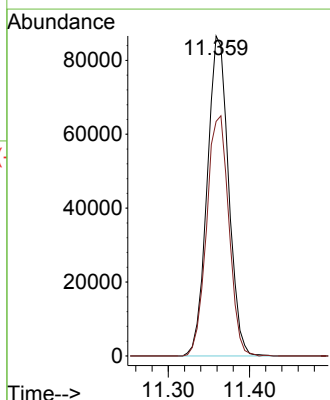
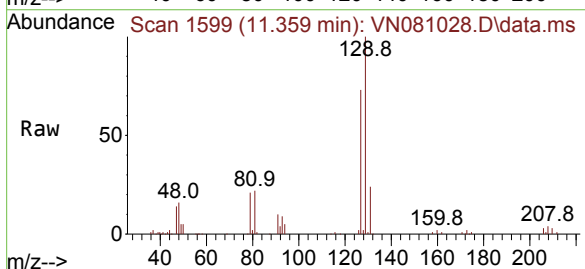


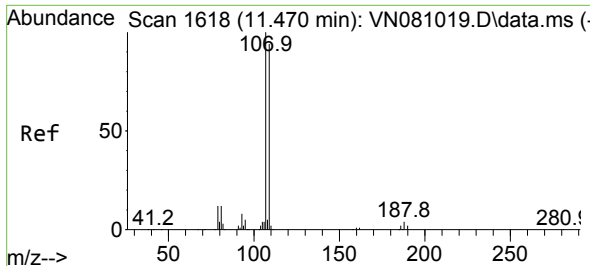
Tgt Ion: 43 Resp: 836579
Ion Ratio Lower Upper
43 100
58 55.2 25.9 77.8



#60
Dibromochloromethane
Concen: 20.218 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 129 Resp: 158042
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.2

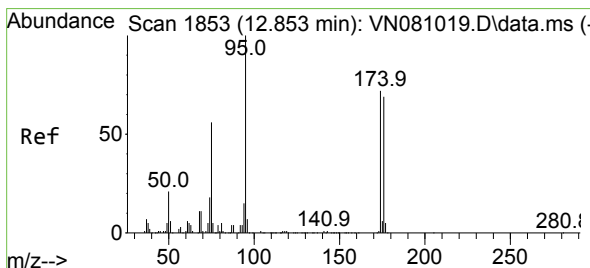
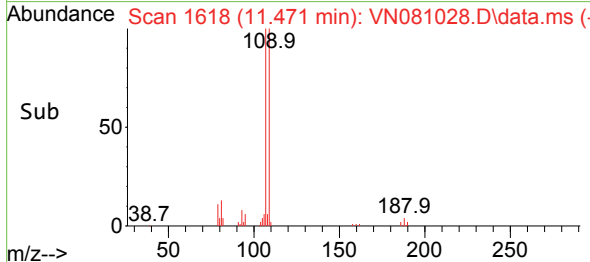
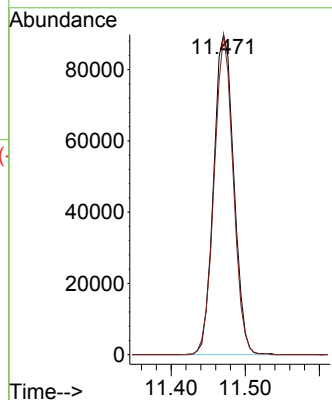
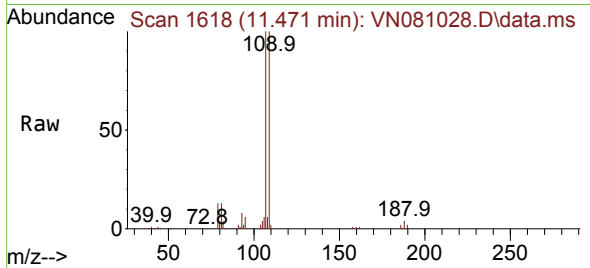




#61
1,2-Dibromoethane
Concen: 19.636 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

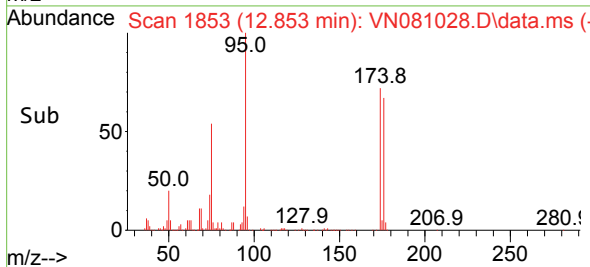
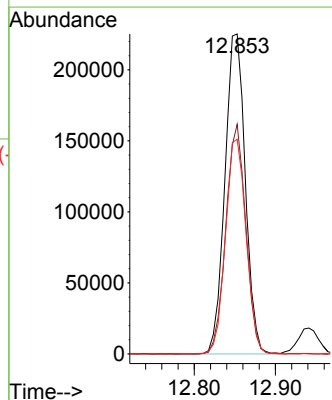
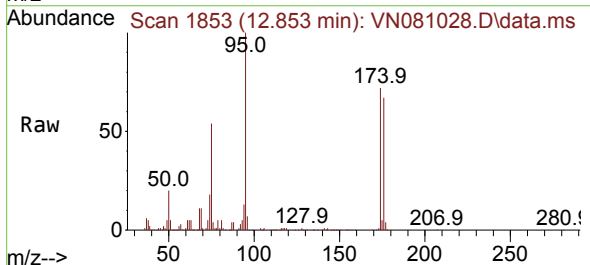
Instrument :
MSVOA_N
ClientSampleId :

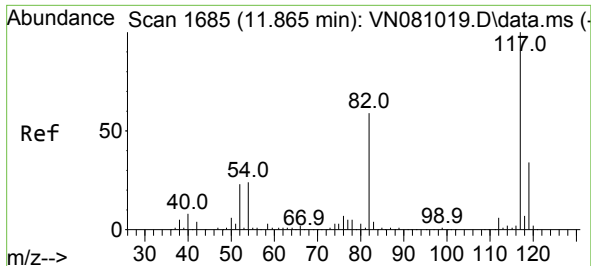
Tgt Ion:107 Resp: 169731
Ion Ratio Lower Upper
107 100
109 94.7 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 46.219 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 95 Resp: 393218
Ion Ratio Lower Upper
95 100
174 70.1 0.0 120.4
176 67.8 0.0 121.0

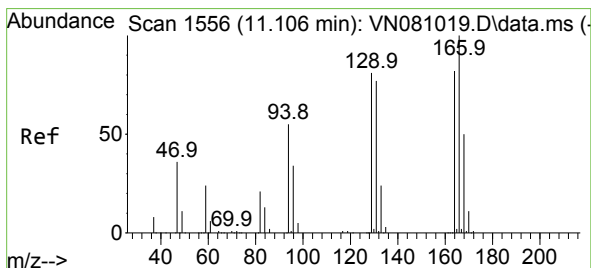
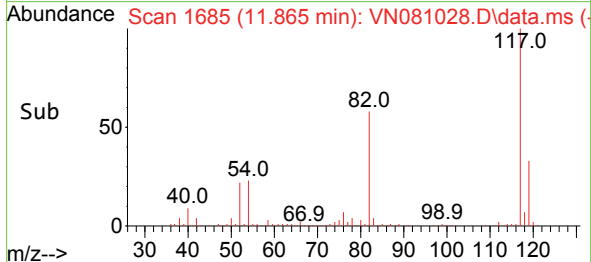
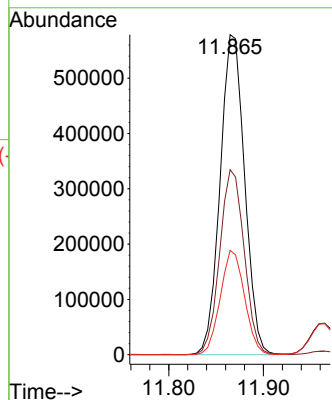
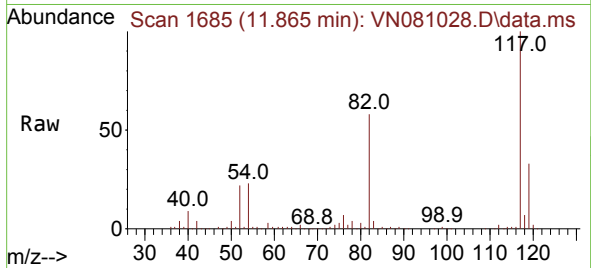




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

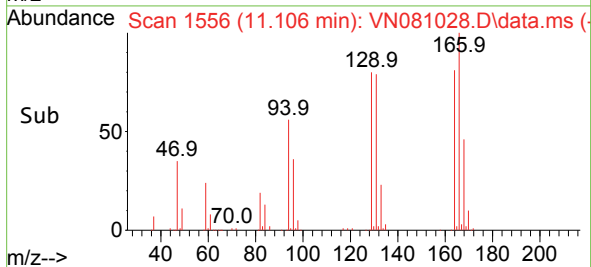
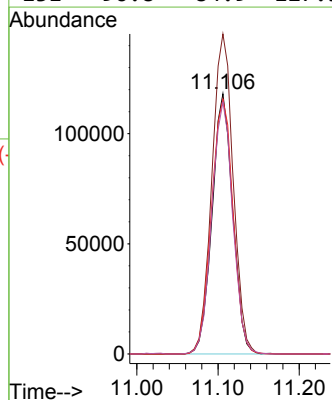
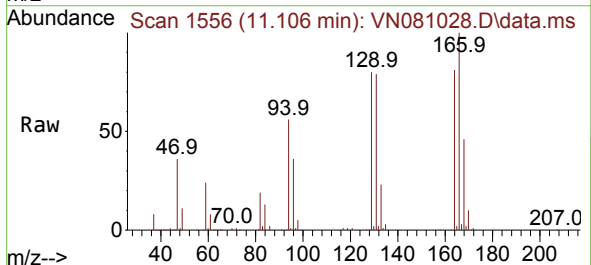
Instrument :
MSVOA_N
ClientSampleId :

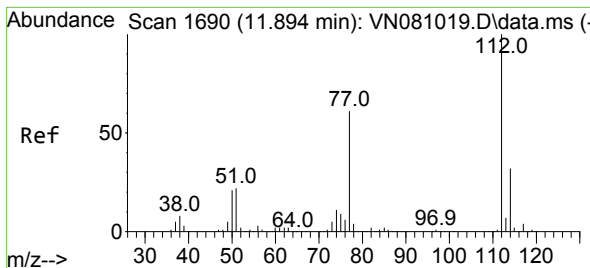
Tgt Ion:117 Resp: 1042186
Ion Ratio Lower Upper
117 100
82 57.7 52.7 79.1
119 32.6 25.3 37.9



#64
Tetrachloroethene
Concen: 19.595 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:164 Resp: 208189
Ion Ratio Lower Upper
164 100
166 123.0 105.8 158.6
129 98.0 89.6 134.4
131 96.8 84.9 127.3

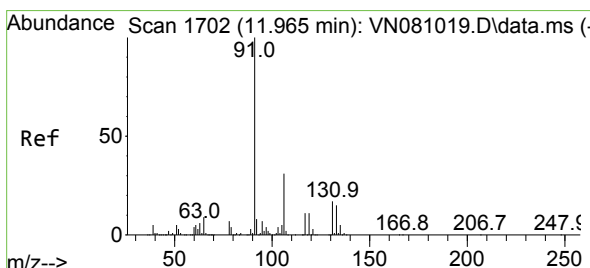
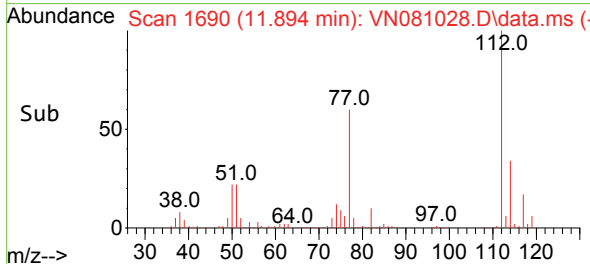
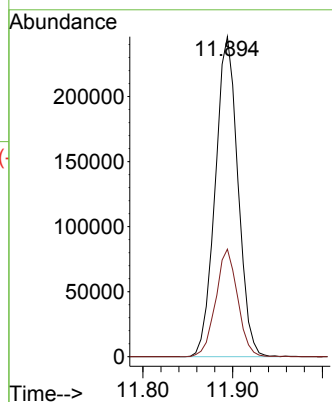
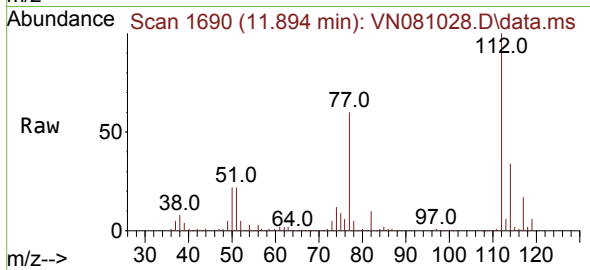




#65
Chlorobenzene
Concen: 19.754 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

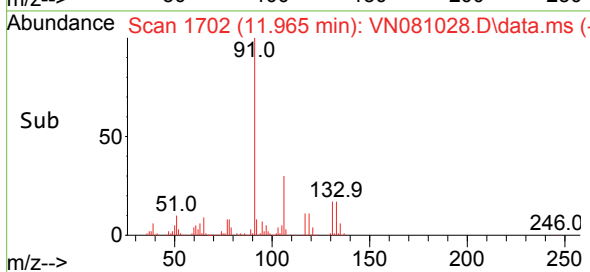
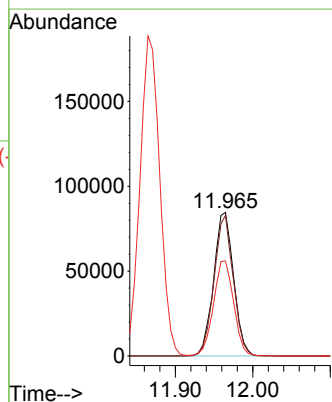
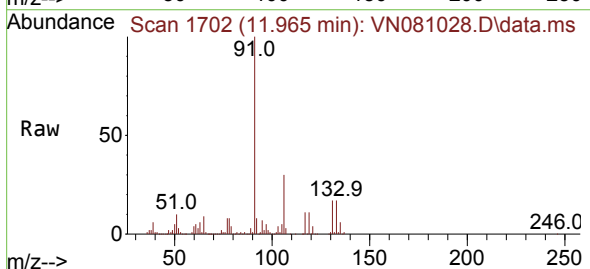
Instrument :
MSVOA_N
ClientSampleId :

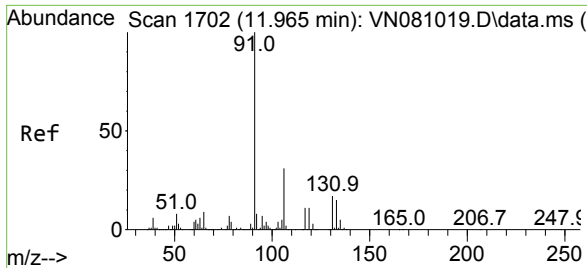
Tgt Ion:112 Resp: 431707
Ion Ratio Lower Upper
112 100
114 33.6 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.208 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:131 Resp: 152044
Ion Ratio Lower Upper
131 100
133 94.0 46.8 140.3
119 66.9 34.6 103.9





#67

Ethyl Benzene

Concen: 20.343 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

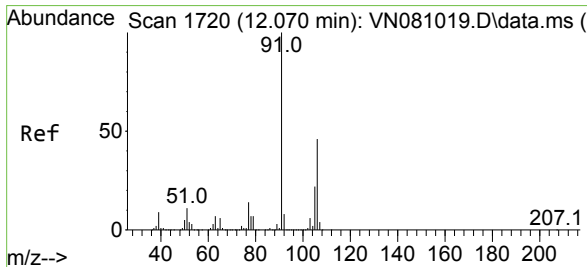
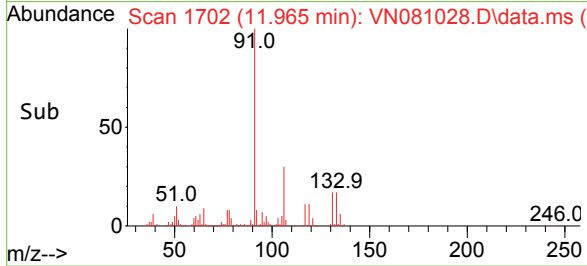
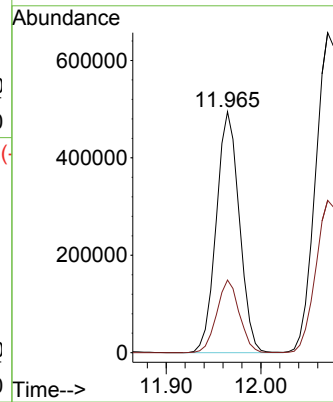
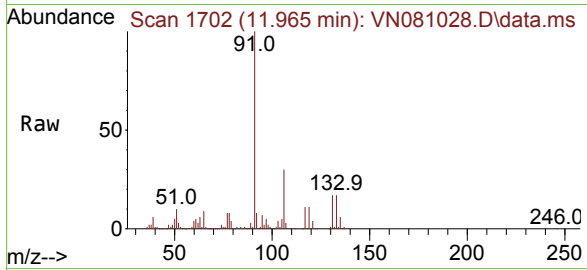
ClientSampleId :

Tgt Ion: 91 Resp: 838154

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.6



#68

m/p-Xylenes

Concen: 40.632 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN081028.D

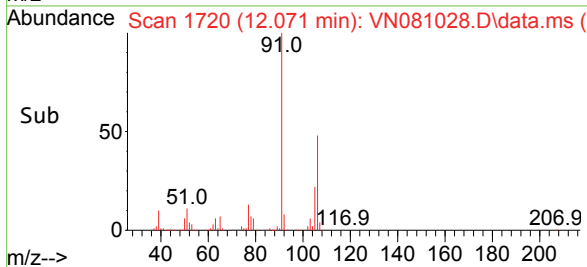
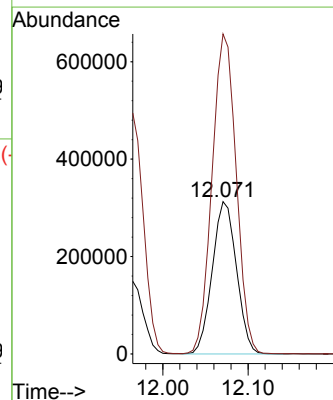
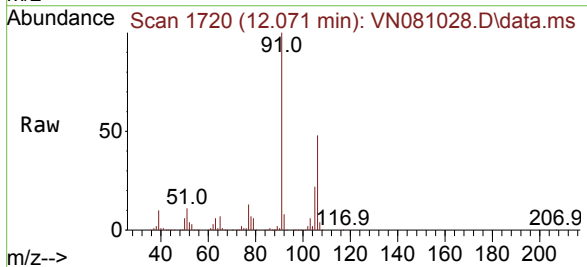
Acq: 14 Feb 2024 16:22

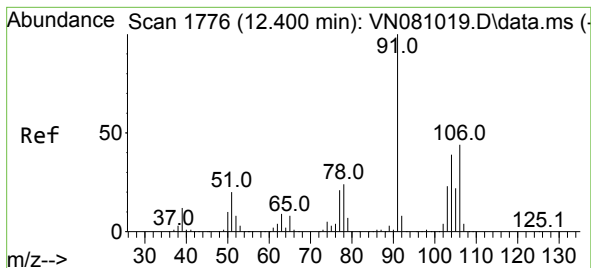
Tgt Ion:106 Resp: 617340

Ion Ratio Lower Upper

106 100

91 209.5 169.0 253.6





#69

o-Xylene

Concen: 20.235 ug/l

RT: 12.400 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

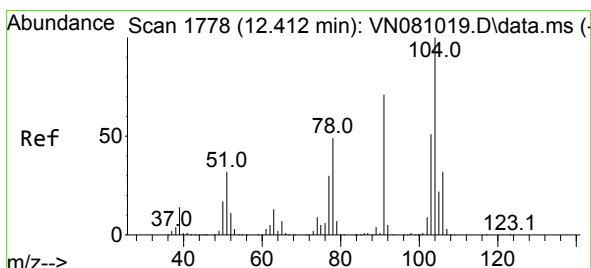
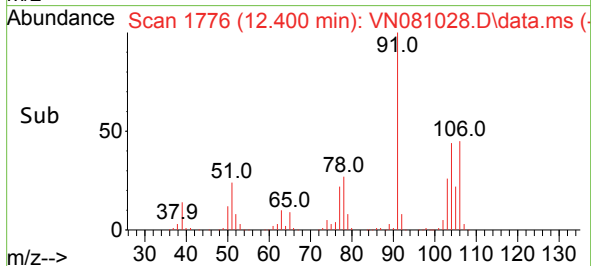
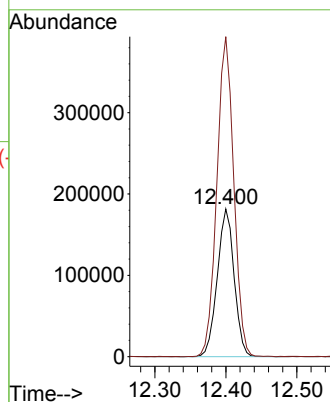
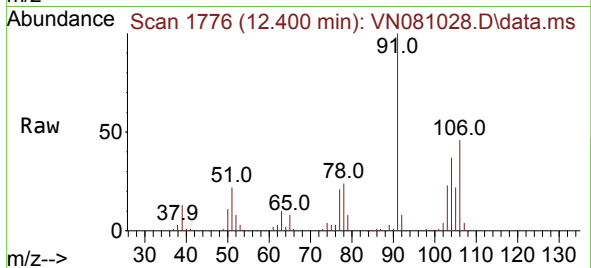
ClientSampleId :

Tgt Ion:106 Resp: 298169

Ion Ratio Lower Upper

106 100

91 217.7 112.1 336.3



#70

Styrene

Concen: 20.133 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

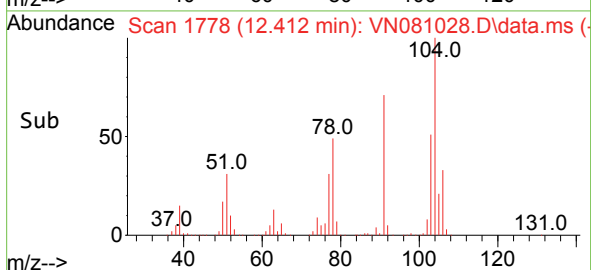
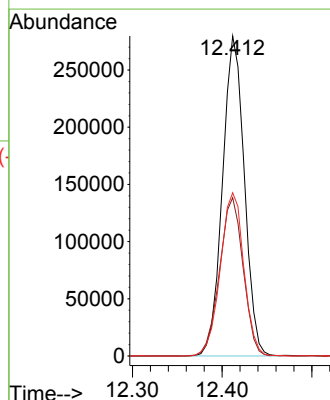
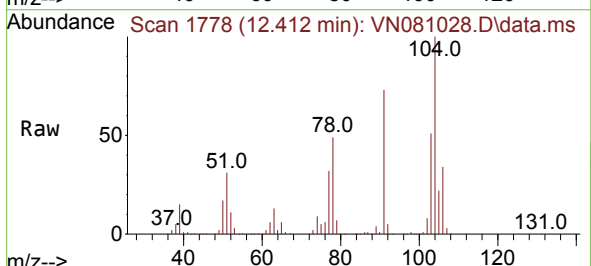
Tgt Ion:104 Resp: 472841

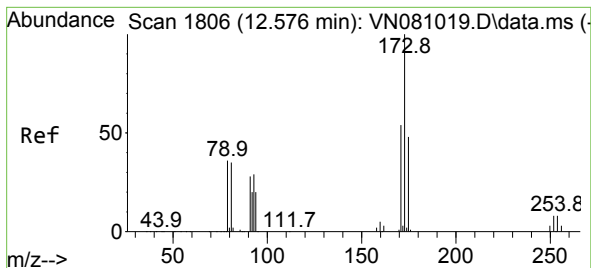
Ion Ratio Lower Upper

104 100

78 53.4 43.8 65.8

103 54.9 44.2 66.2





#71

Bromoform

Concen: 21.666 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081028.D

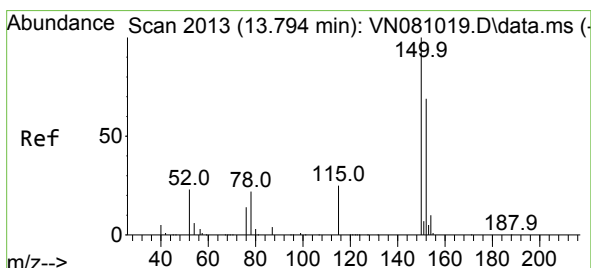
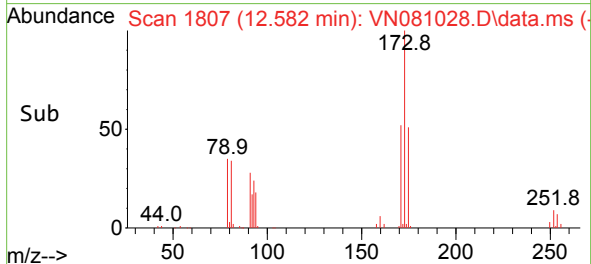
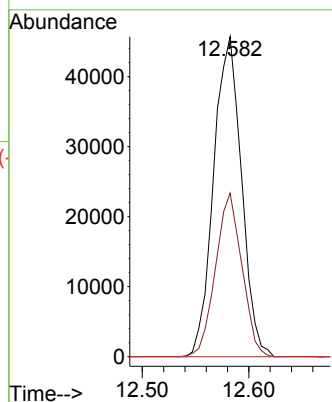
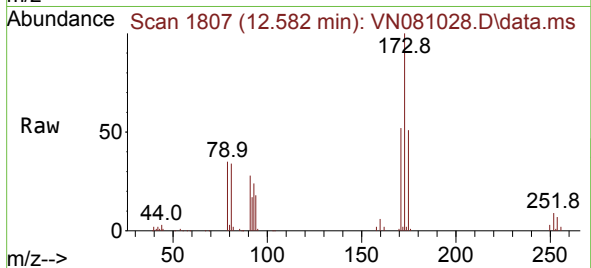
Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	82934
Ion Ratio	Lower	Upper	
173	100		
175	48.3	23.1	69.2
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

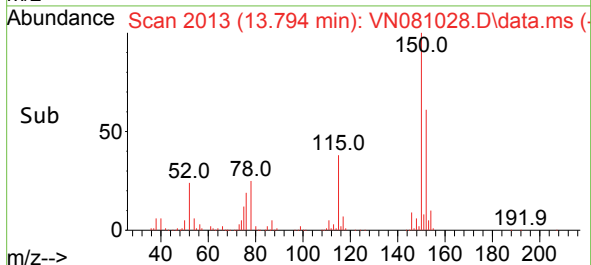
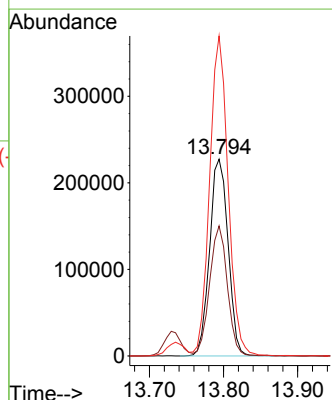
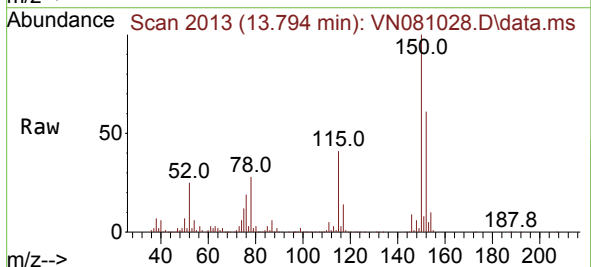
RT: 13.794 min Scan# 2013

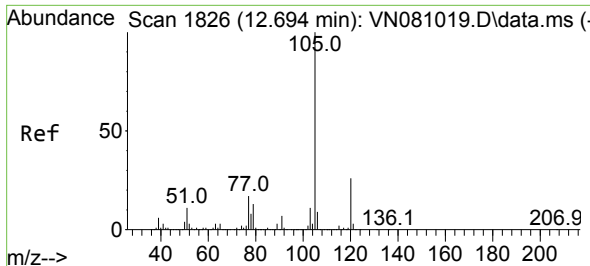
Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

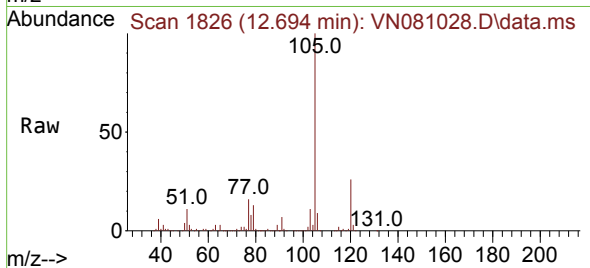
Tgt Ion:	152	Resp:	394066
Ion Ratio	Lower	Upper	
152	100		
115	63.8	32.3	96.8
150	162.7	0.0	339.8



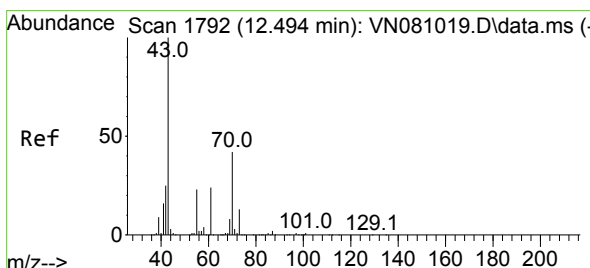
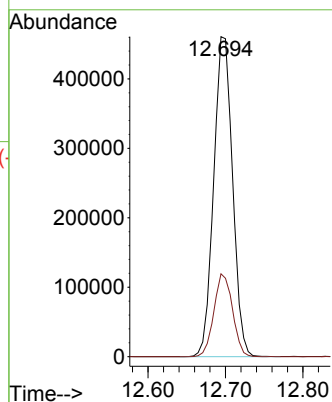
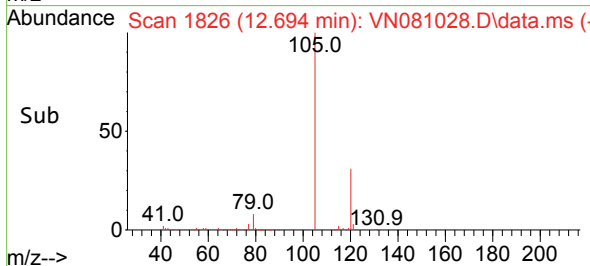


#73
Isopropylbenzene
Concen: 19.557 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

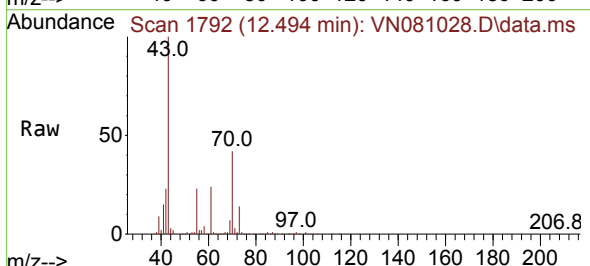
Instrument :
MSVOA_N
ClientSampleId :



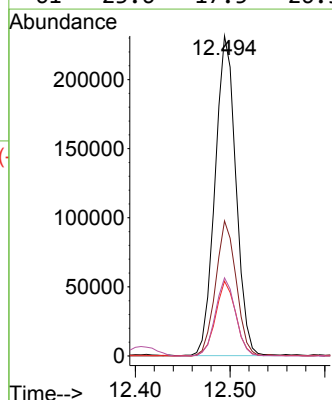
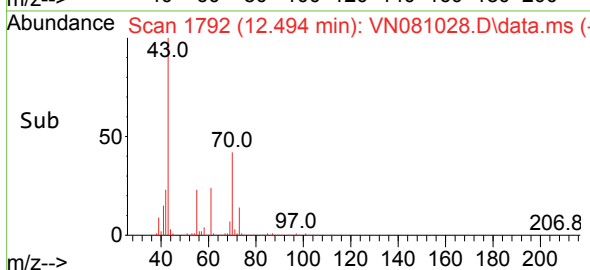
Tgt Ion:105 Resp: 778670
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

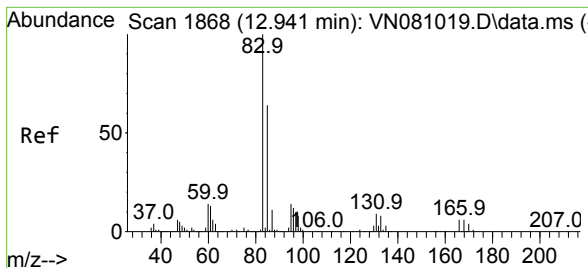


#74
N-ethyl acetate
Concen: 19.346 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22



Tgt Ion: 43 Resp: 354372
Ion Ratio Lower Upper
43 100
70 41.7 30.1 45.1
55 23.0 17.0 25.4
61 23.6 17.5 26.3

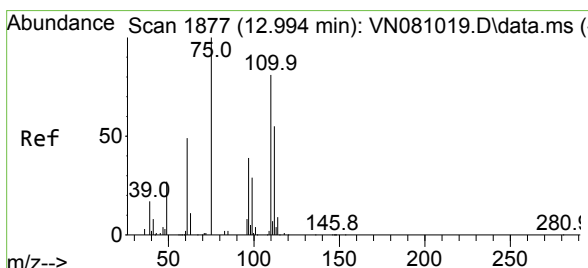
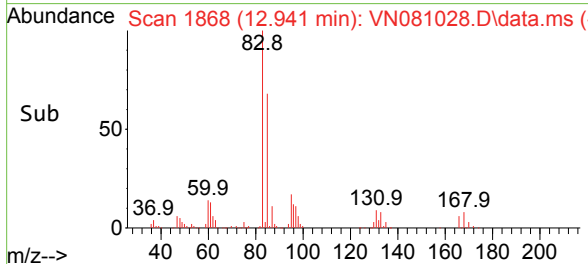
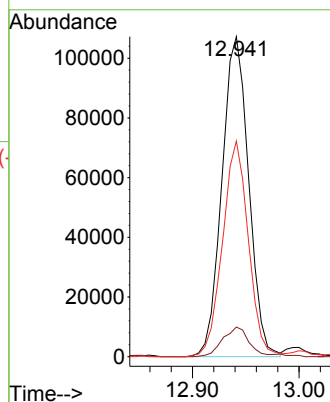
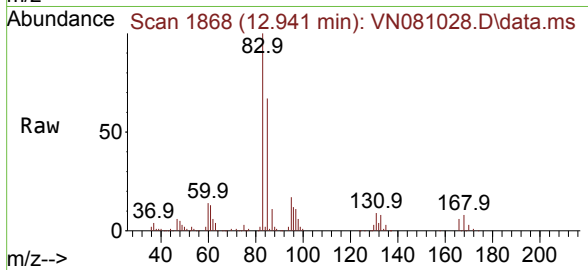




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.131 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

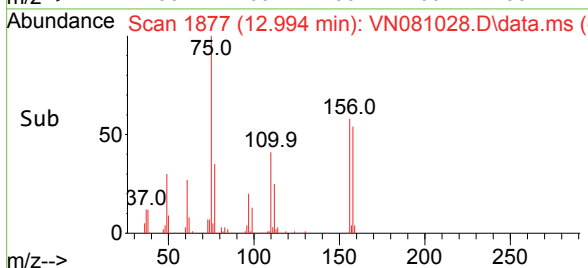
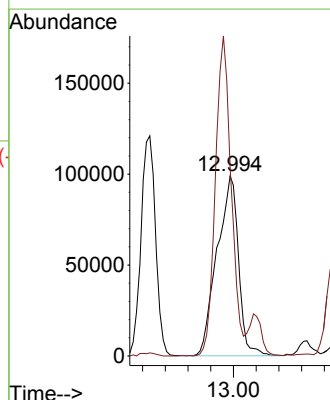
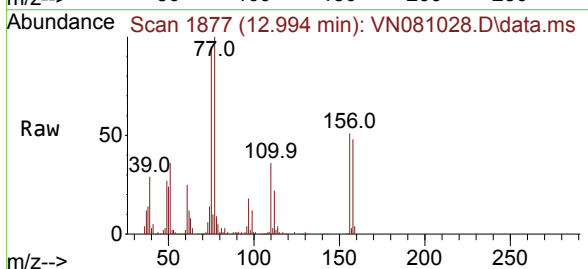
Instrument :
 MSVOA_N
 ClientSampleId :

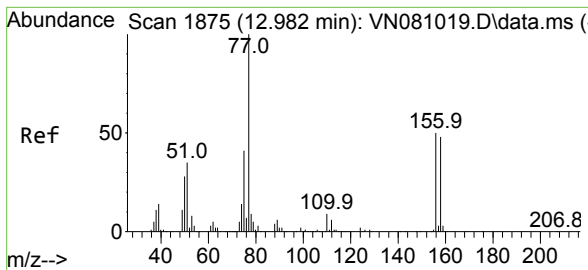
Tgt Ion: 83 Resp: 186954
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.1 12.3
 85 64.9 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 29.875 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

Tgt Ion: 75 Resp: 260131
 Ion Ratio Lower Upper
 75 100
 77 130.4 91.0 272.8

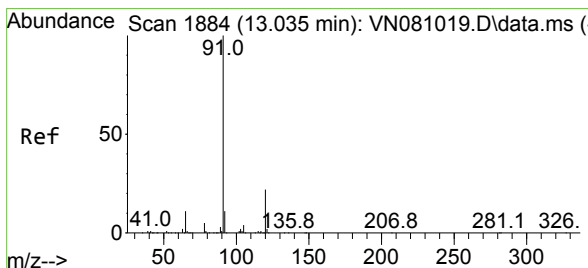
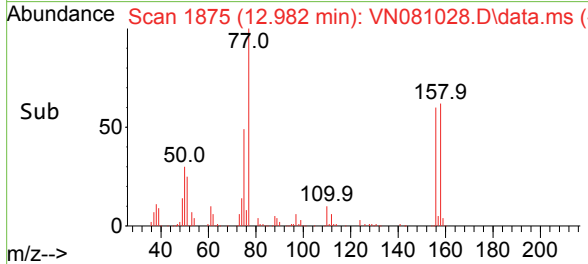
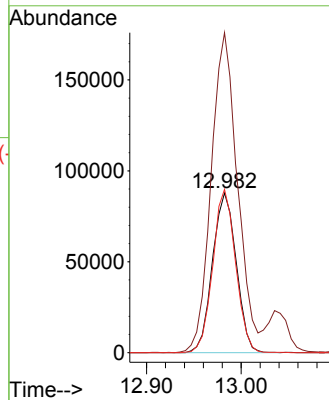
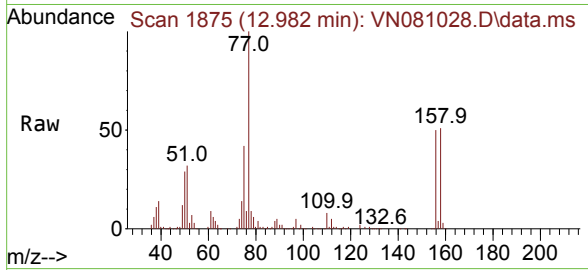




#77
Bromobenzene
Concen: 18.987 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

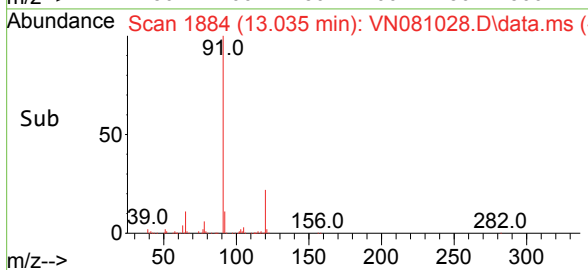
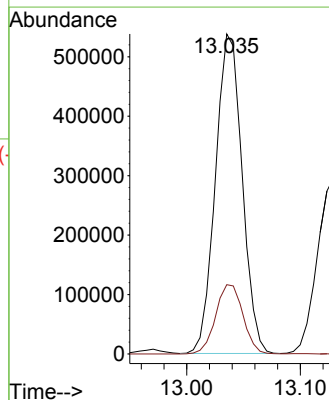
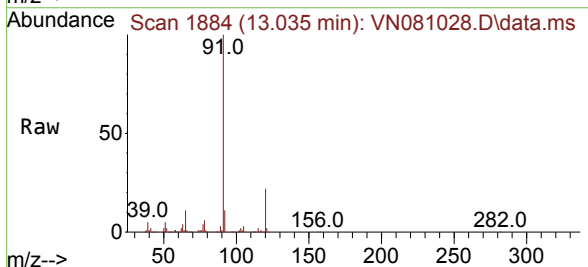
Instrument :
MSVOA_N
ClientSampleId :

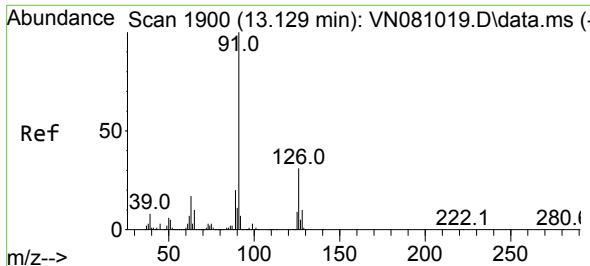
Tgt Ion:156 Resp: 153121
Ion Ratio Lower Upper
156 100
77 221.5 138.1 414.3
158 98.2 46.5 139.5



#78
n-propylbenzene
Concen: 19.345 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion: 91 Resp: 878889
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9

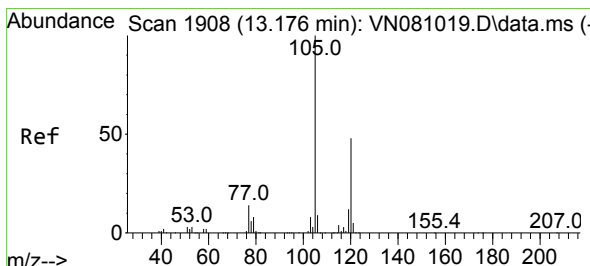
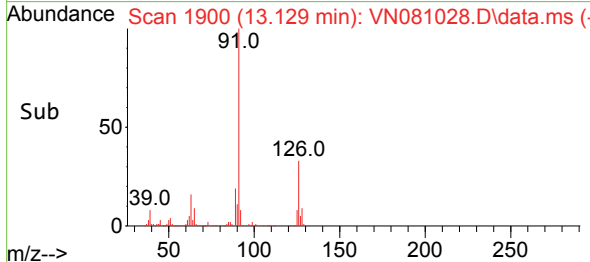
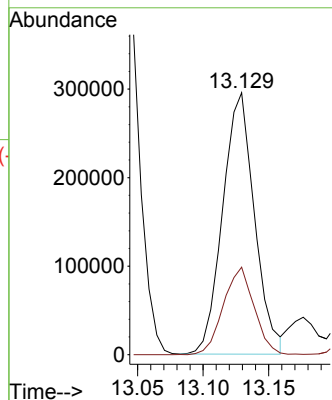
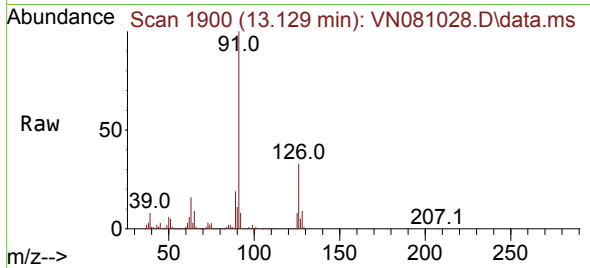




#79
2-Chlorotoluene
Concen: 18.996 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

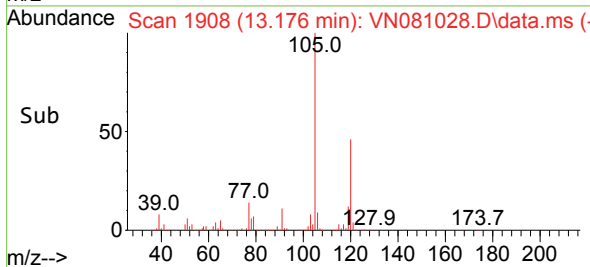
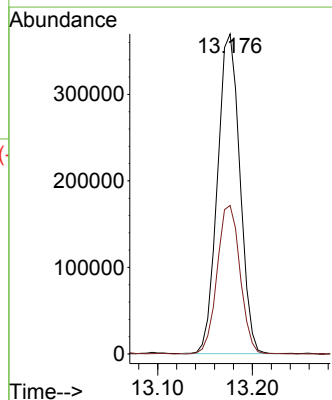
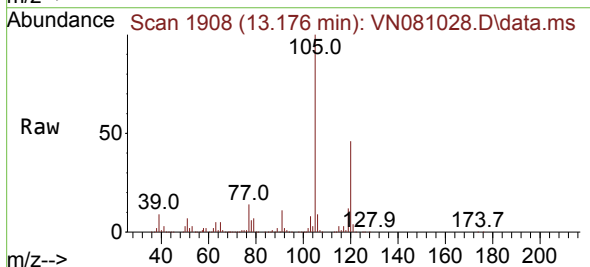
Instrument :
MSVOA_N
ClientSampleId :

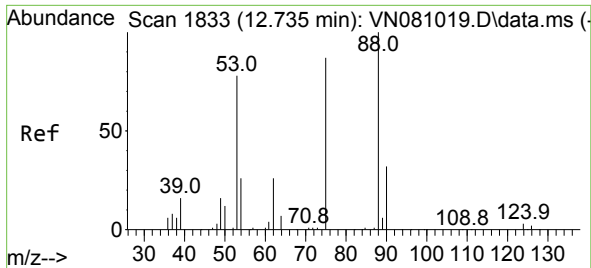
Tgt Ion: 91 Resp: 498484
Ion Ratio Lower Upper
91 100
126 32.3 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 19.660 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:105 Resp: 607295
Ion Ratio Lower Upper
105 100
120 47.6 23.0 69.0

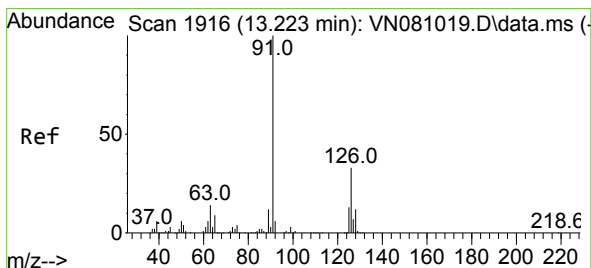
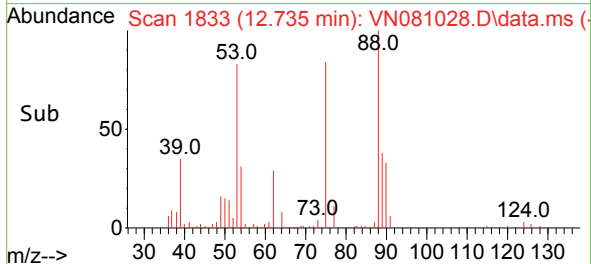
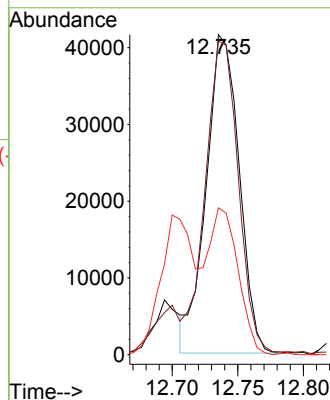
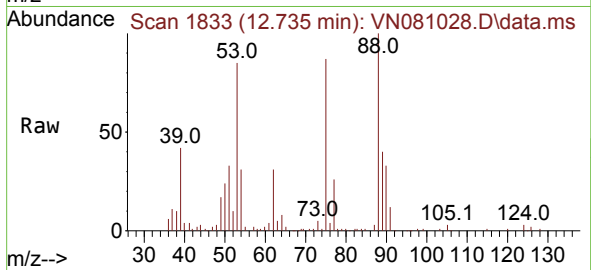




#81
trans-1,4-Dichloro-2-butene
Concen: 19.400 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

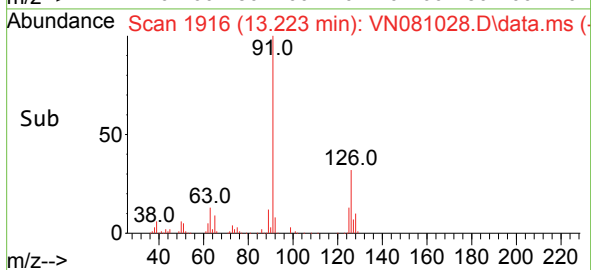
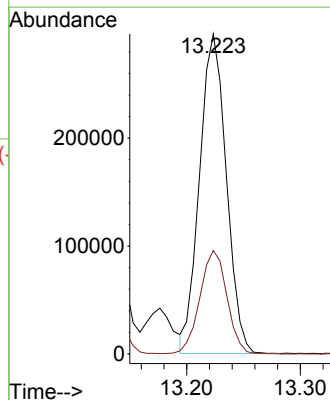
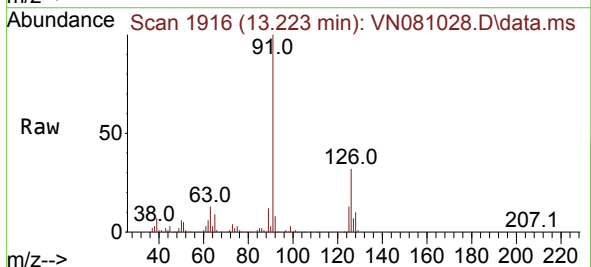
Instrument :
MSVOA_N
ClientSampleId :

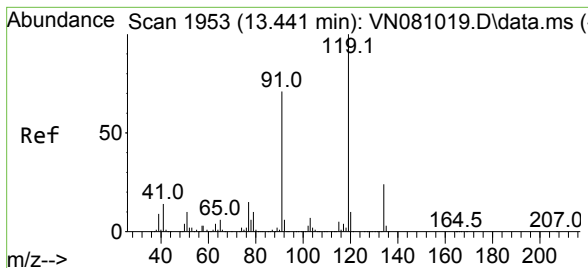
Tgt Ion	Ratio	Lower	Upper
75	100		
53	100.5	71.4	107.2
89	39.0	33.4	50.0



#82
4-Chlorotoluene
Concen: 19.117 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	15.3	45.9





#83

tert-Butylbenzene

Concen: 19.896 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

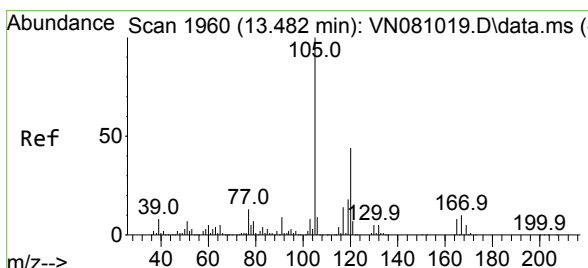
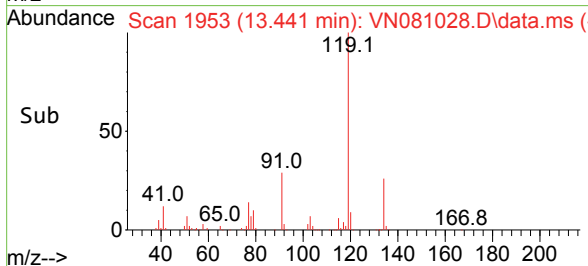
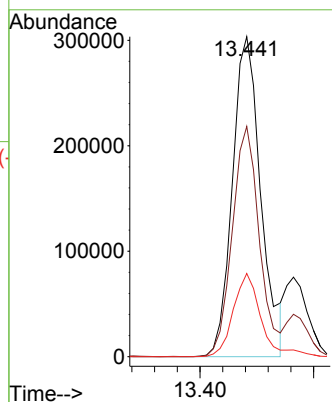
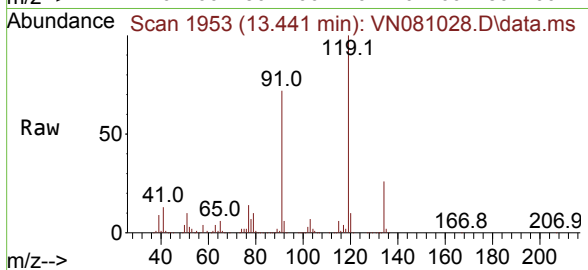
Tgt Ion:119 Resp: 526293

Ion Ratio Lower Upper

119 100

91 68.8 36.8 110.4

134 25.5 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 19.438 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081028.D

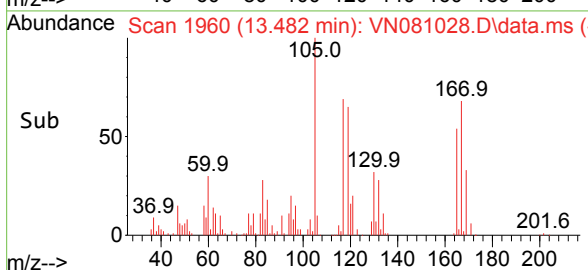
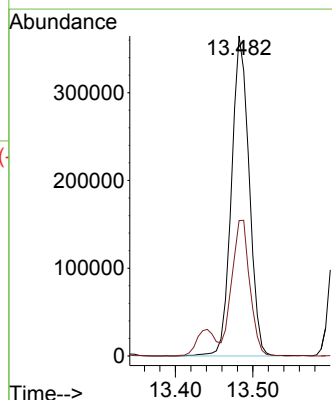
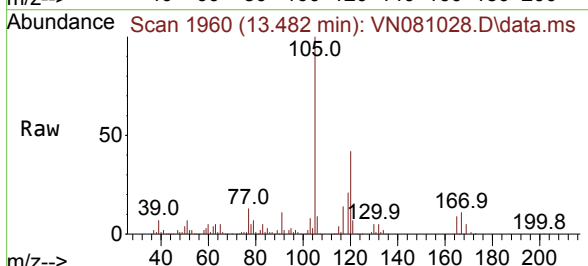
Acq: 14 Feb 2024 16:22

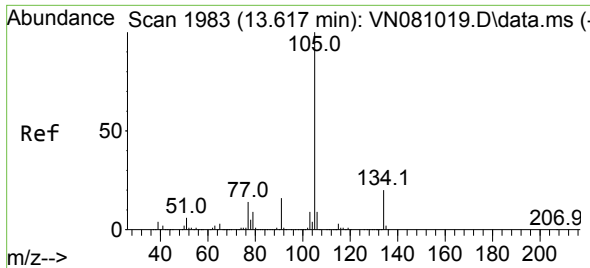
Tgt Ion:105 Resp: 578508

Ion Ratio Lower Upper

105 100

120 43.2 20.9 62.7

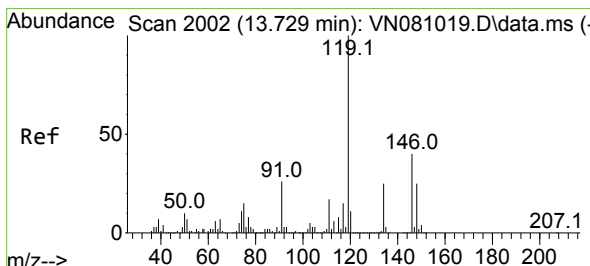
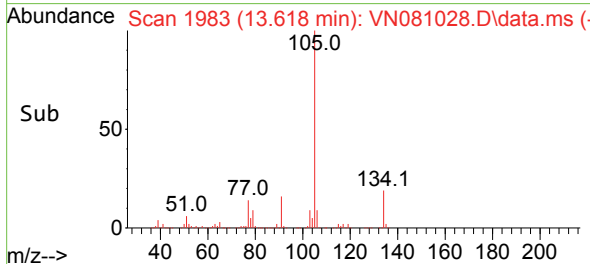
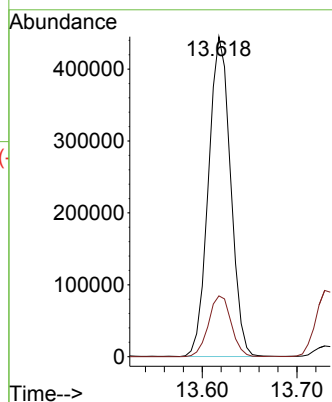
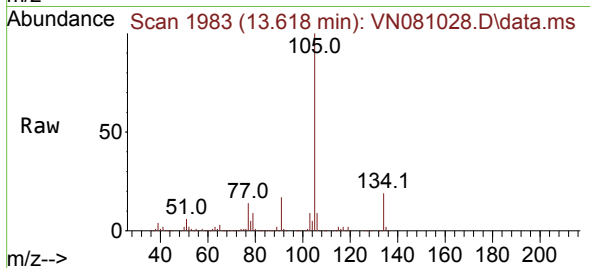




#85
 sec-Butylbenzene
 Concen: 19.909 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

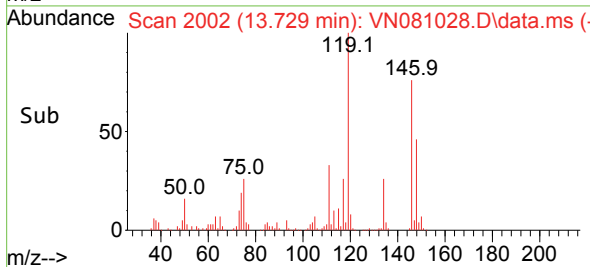
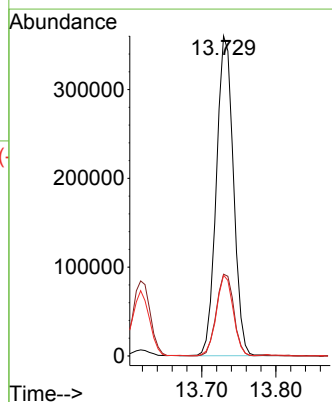
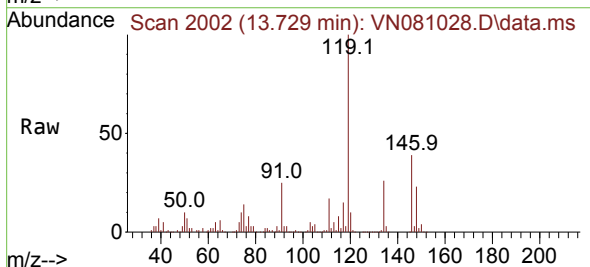
Instrument :
 MSVOA_N
 ClientSampleId :

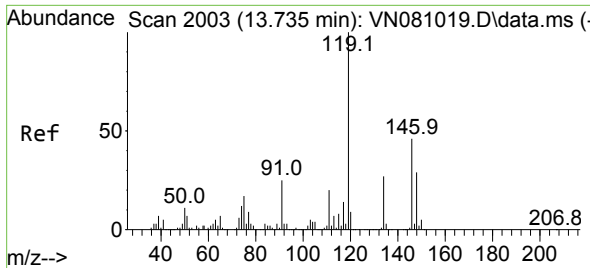
Tgt Ion:105 Resp: 722502
 Ion Ratio Lower Upper
 105 100
 134 19.6 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 19.705 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081028.D
 Acq: 14 Feb 2024 16:22

Tgt Ion:119 Resp: 575066
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.4 37.2
 91 24.9 13.5 40.4

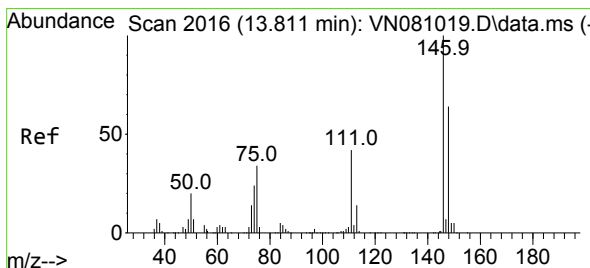
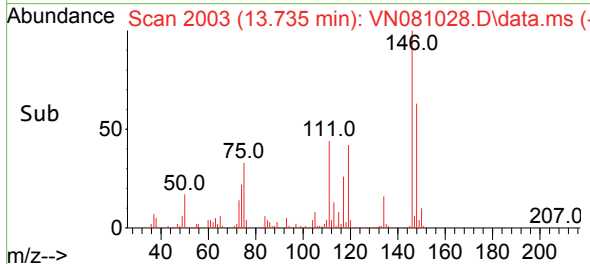
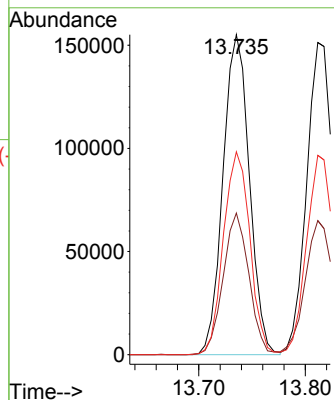
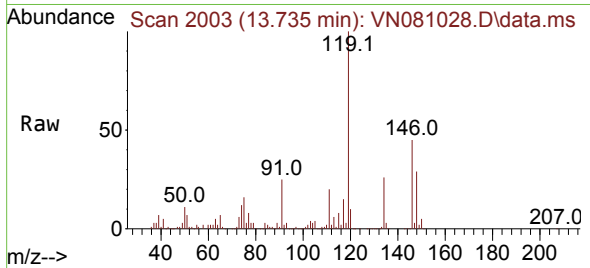




#87
1,3-Dichlorobenzene
Concen: 19.468 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

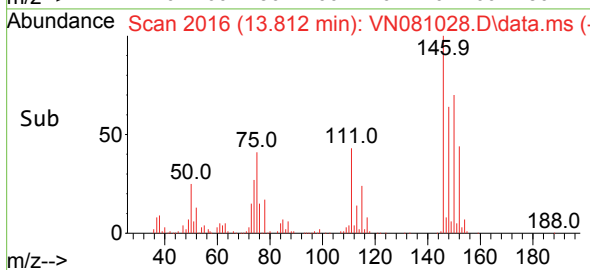
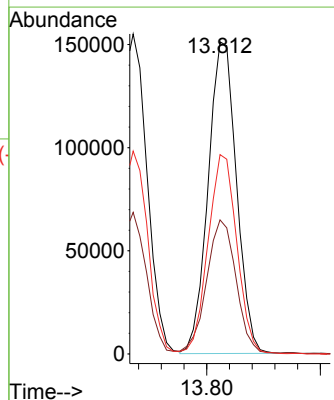
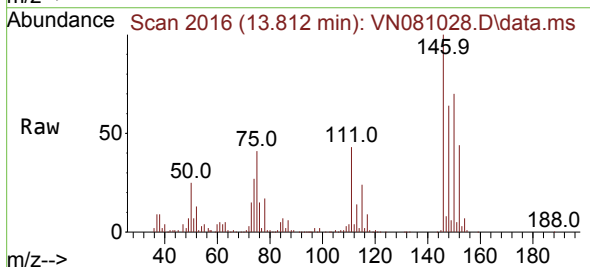
Instrument :
MSVOA_N
ClientSampleId :

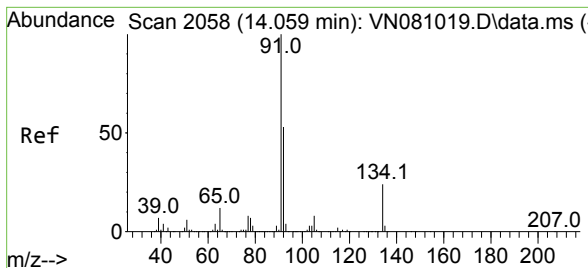
Tgt Ion:146 Resp: 266968
Ion Ratio Lower Upper
146 100
111 43.2 23.9 71.7
148 63.8 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 18.500 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081028.D
Acq: 14 Feb 2024 16:22

Tgt Ion:146 Resp: 262135
Ion Ratio Lower Upper
146 100
111 44.3 22.6 67.7
148 65.1 31.9 95.5





#89

n-Butylbenzene

Concen: 18.582 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

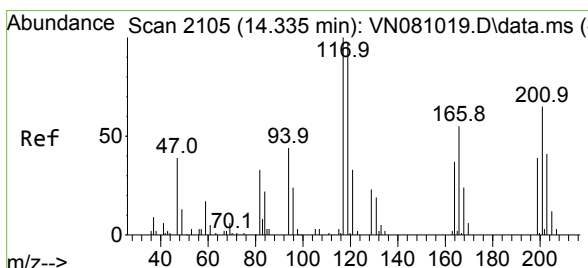
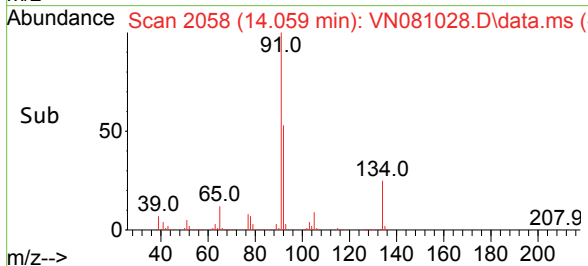
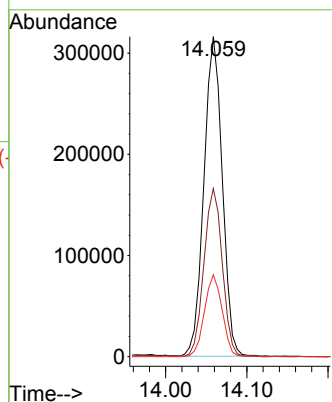
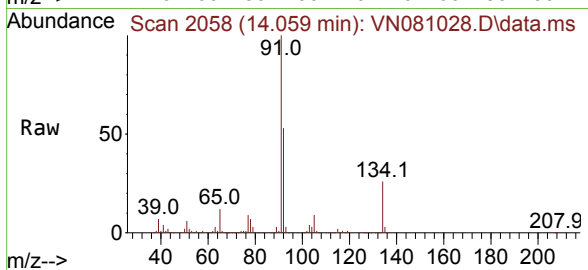
Tgt Ion: 91 Resp: 496390

Ion Ratio Lower Upper

91 100

92 52.6 26.7 80.1

134 24.7 10.8 32.4



#90

Hexachloroethane

Concen: 33.296 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN081028.D

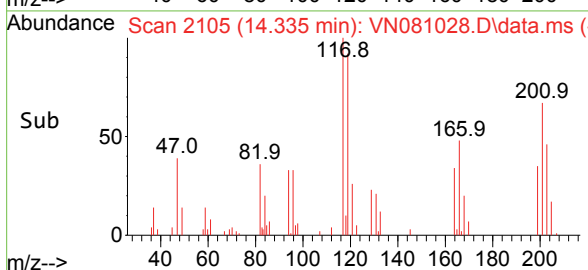
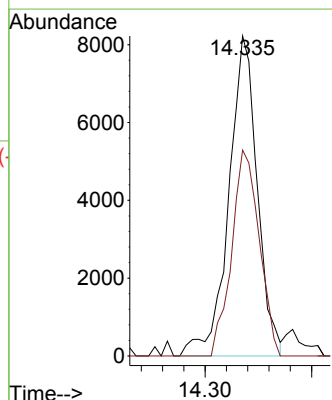
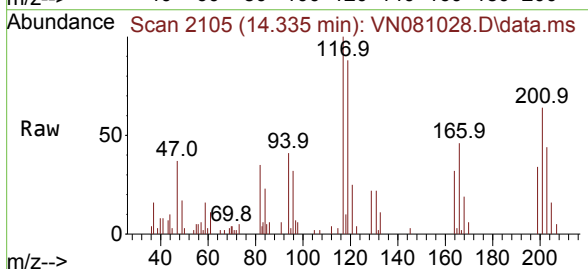
Acq: 14 Feb 2024 16:22

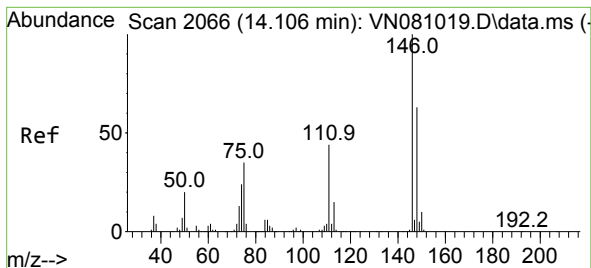
Tgt Ion: 117 Resp: 15281

Ion Ratio Lower Upper

117 100

201 62.3 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 19.585 ug/l

RT: 14.112 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

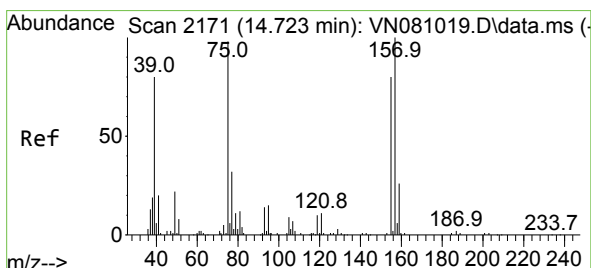
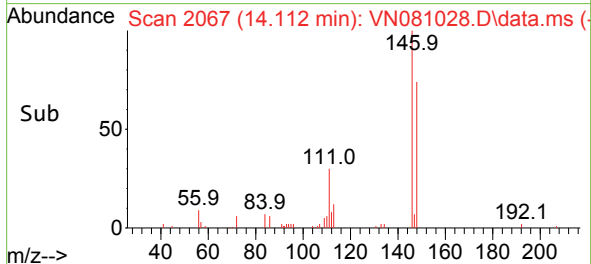
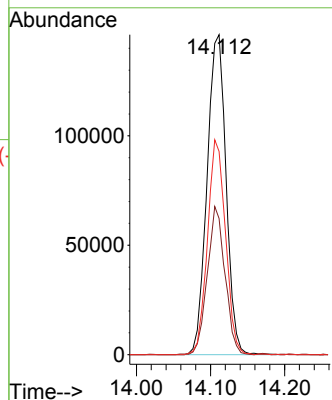
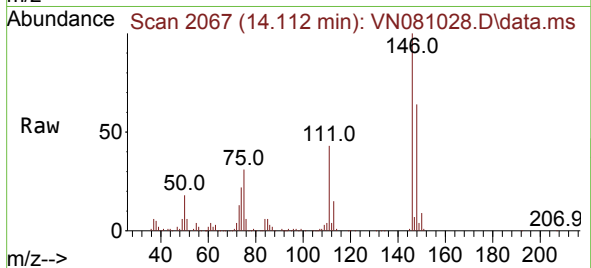
Tgt Ion:146 Resp: 260359

Ion Ratio Lower Upper

146 100

111 43.2 23.9 71.8

148 63.8 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.132 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

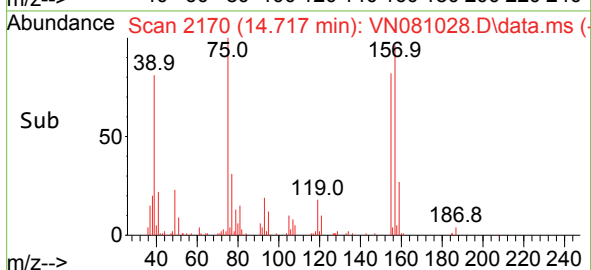
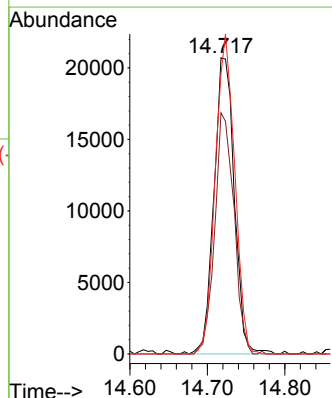
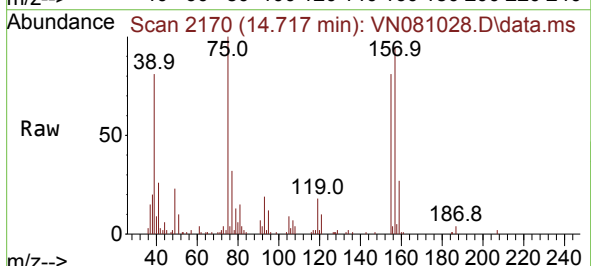
Tgt Ion: 75 Resp: 37732

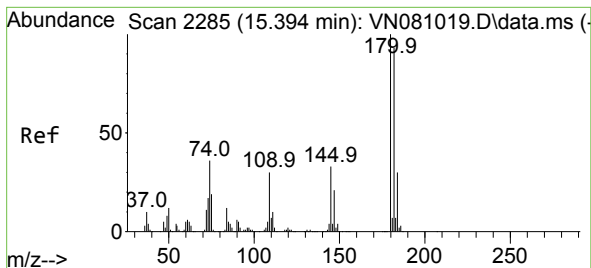
Ion Ratio Lower Upper

75 100

155 77.0 31.8 95.4

157 103.4 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 18.357 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

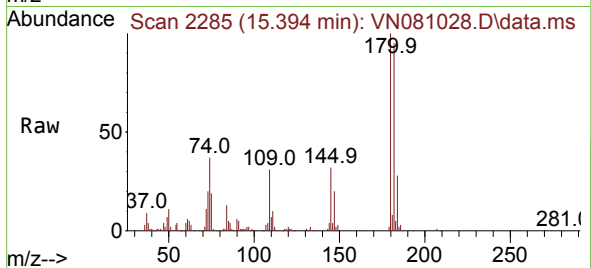
Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :



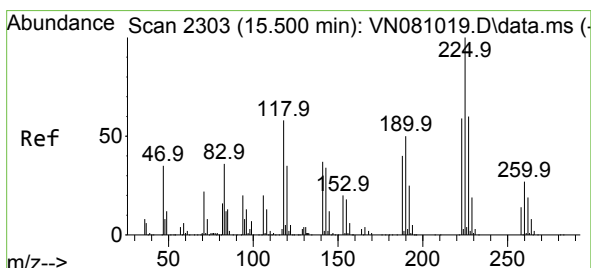
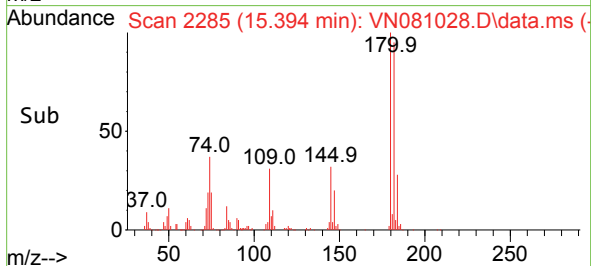
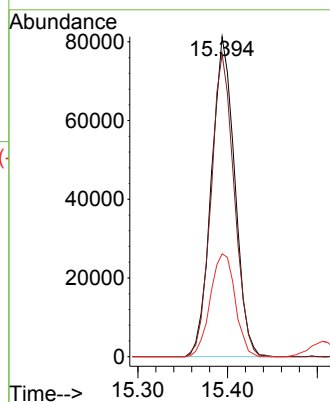
Tgt Ion:180 Resp: 146191

Ion Ratio Lower Upper

180 100

182 94.2 46.6 139.7

145 34.3 16.8 50.3



#94

Hexachlorobutadiene

Concen: 18.155 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

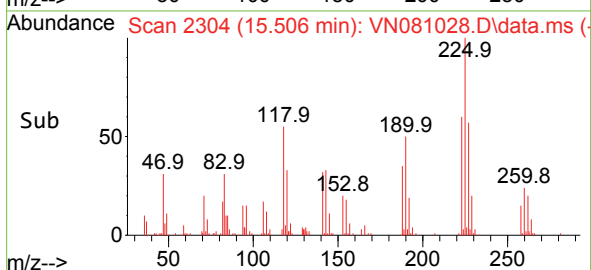
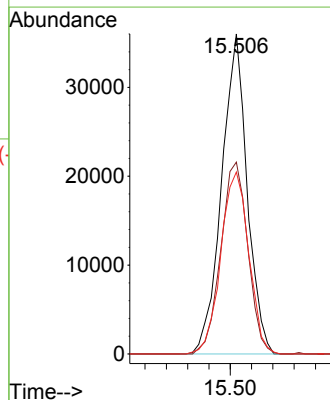
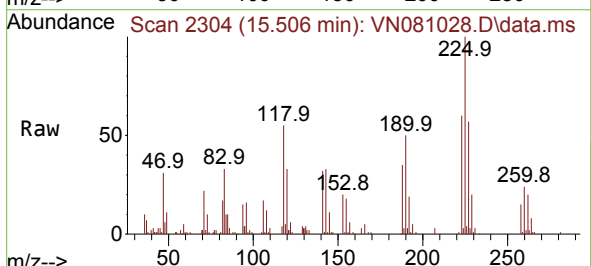
Tgt Ion:225 Resp: 59799

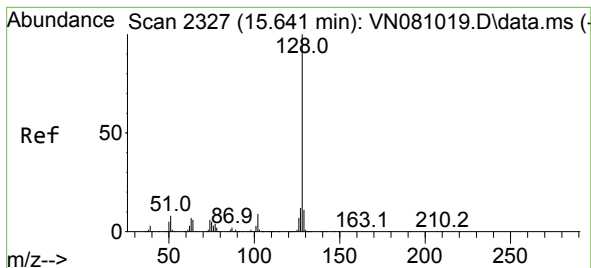
Ion Ratio Lower Upper

225 100

223 63.5 33.3 99.8

227 62.3 33.1 99.2





#95

Naphthalene

Concen: 18.161 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Instrument :

MSVOA_N

ClientSampleId :

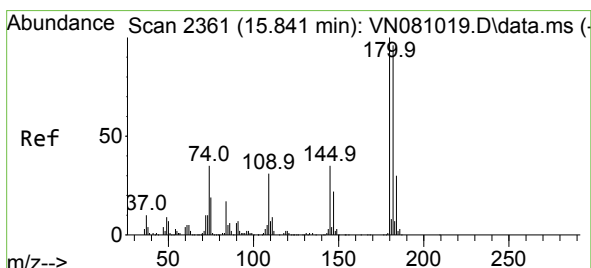
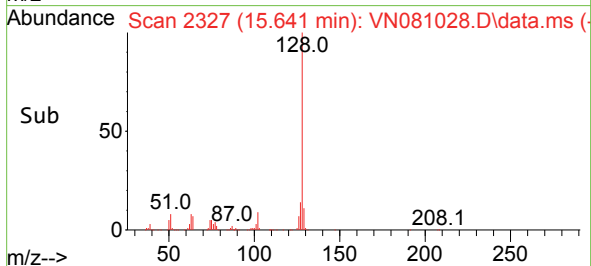
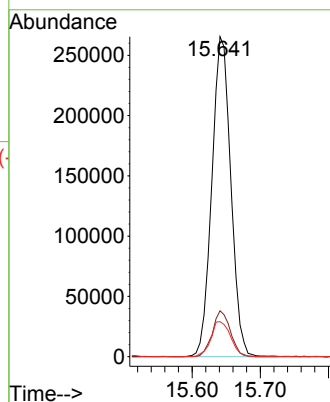
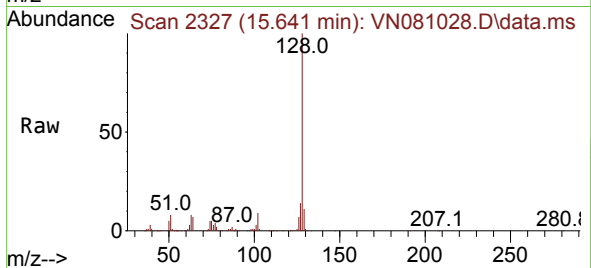
Tgt Ion:128 Resp: 514547

Ion Ratio Lower Upper

128 100

127 13.6 10.0 15.0

129 11.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.506 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081028.D

Acq: 14 Feb 2024 16:22

Tgt Ion:180 Resp: 144428

Ion Ratio Lower Upper

180 100

182 94.0 46.5 139.3

145 35.1 17.8 53.4

