

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022224\
 Data File : VN081130.D
 Acq On : 22 Feb 2024 13:12
 Operator : JC\MD
 Sample : VN0222WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 23 04:22:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	339427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	621678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	549541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	198691	47.757	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.520%
35) Dibromofluoromethane	8.165	113	169755	48.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	10.565	98	576421	46.166	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.340%
62) 4-Bromofluorobenzene	12.847	95	216827	46.216	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	87469	19.926	ug/l	97
3) Chloromethane	2.359	50	84274	16.813	ug/l	97
4) Vinyl Chloride	2.518	62	88643	18.180	ug/l	97
5) Bromomethane	2.965	94	61909	17.877	ug/l	87
6) Chloroethane	3.124	64	60933	18.778	ug/l	97
7) Trichlorofluoromethane	3.506	101	140307	19.697	ug/l	95
8) Diethyl Ether	3.959	74	49587	19.041	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.377	101	75028	18.894	ug/l #	90
10) Methyl Iodide	4.589	142	86494	19.514	ug/l	97
11) Tert butyl alcohol	5.518	59	80135	104.735	ug/l	99
12) 1,1-Dichloroethene	4.342	96	72746	18.952	ug/l #	75
13) Acrolein	4.183	56	44277	107.970	ug/l	99
14) Allyl chloride	5.024	41	106206	18.648	ug/l #	92
15) Acrylonitrile	5.718	53	196262	98.217	ug/l	97
16) Acetone	4.424	43	137713	84.123	ug/l	98
17) Carbon Disulfide	4.718	76	177549	16.583	ug/l	99
18) Methyl Acetate	5.024	43	88118	22.065	ug/l #	89
19) Methyl tert-butyl Ether	5.795	73	255459	19.431	ug/l	92
20) Methylene Chloride	5.277	84	85088	19.525	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	75193	17.558	ug/l	92
22) Diisopropyl ether	6.665	45	253958	19.657	ug/l #	95
23) Vinyl Acetate	6.606	43	1006916	96.060	ug/l	96
24) 1,1-Dichloroethane	6.565	63	147510	19.746	ug/l	94
25) 2-Butanone	7.483	43	245357	92.774	ug/l	98
26) 2,2-Dichloropropane	7.494	77	133594	19.086	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	93657	18.823	ug/l	87
28) Bromochloromethane	7.812	49	56670	18.298	ug/l #	66
29) Tetrahydrofuran	7.836	42	168820	95.624	ug/l #	85
30) Chloroform	7.965	83	158476	19.955	ug/l	98
31) Cyclohexane	8.259	56	132337	18.422	ug/l #	76
32) 1,1,1-Trichloroethane	8.171	97	138826	19.194	ug/l	89
36) 1,1-Dichloropropene	8.377	75	113737	18.885	ug/l	95
37) Ethyl Acetate	7.565	43	106319	19.560	ug/l	98
38) Carbon Tetrachloride	8.365	117	117313	19.253	ug/l	92
39) Methylcyclohexane	9.600	83	139630	19.888	ug/l #	83
40) Benzene	8.606	78	343774	19.720	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	62242	20.121	ug/l	95
42) 1,2-Dichloroethane	8.671	62	119141	19.589	ug/l	98
43) Isopropyl Acetate	8.688	43	185733	19.538	ug/l #	96
44) Trichloroethene	9.353	130	88330	19.024	ug/l	99
45) 1,2-Dichloropropane	9.624	63	87830	20.142	ug/l	95
46) Dibromomethane	9.712	93	61416	19.330	ug/l	90
47) Bromodichloromethane	9.888	83	118277	19.656	ug/l #	97
48) Methyl methacrylate	9.682	41	83818	18.949	ug/l	89
49) 1,4-Dioxane	9.694	88	35127	407.902	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	560158	102.433	ug/l	97
52) Toluene	10.629	92	221935	20.110	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	131573	19.676	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	138268	19.138	ug/l	91
55) 1,1,2-Trichloroethane	11.018	97	86196	20.307	ug/l	90
56) Ethyl methacrylate	10.877	69	129318	19.934	ug/l	86
57) 1,3-Dichloropropane	11.165	76	142363	19.397	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	286179	87.922	ug/l #	88
59) 2-Hexanone	11.200	43	404920	93.397	ug/l	95
60) Dibromochloromethane	11.359	129	88938	19.723	ug/l	95
61) 1,2-Dibromoethane	11.471	107	89868	20.134	ug/l	100
64) Tetrachloroethene	11.106	164	78346	20.889	ug/l #	83
65) Chlorobenzene	11.894	112	232826	19.576	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	81795	19.147	ug/l	95
67) Ethyl Benzene	11.965	91	408637	19.200	ug/l	95
68) m/p-Xylenes	12.071	106	311602	38.197	ug/l	96
69) o-Xylene	12.400	106	153245	18.951	ug/l	96
70) Styrene	12.412	104	249600	19.479	ug/l	97
71) Bromoform	12.582	173	54239	20.012	ug/l #	99
73) Isopropylbenzene	12.694	105	402359	18.949	ug/l	99
74) N-amyl acetate	12.494	43	163281	18.195	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	115813	19.397	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	149975	27.199	ug/l	63
77) Bromobenzene	12.982	156	86270	18.222	ug/l	78
78) n-propylbenzene	13.035	91	471122	19.274	ug/l	96
79) 2-Chlorotoluene	13.123	91	277734	18.524	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	330560	19.201	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.741	75	37611	17.557	ug/l #	85
82) 4-Chlorotoluene	13.223	91	272510	18.589	ug/l	95
83) tert-Butylbenzene	13.441	119	278285	18.694	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	329584	19.212	ug/l	98
85) sec-Butylbenzene	13.618	105	409132	19.770	ug/l	94
86) p-Isopropyltoluene	13.729	119	334228	19.444	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	166230	18.583	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	165469	18.825	ug/l	98
89) n-Butylbenzene	14.059	91	287993	19.231	ug/l	96
90) Hexachloroethane	14.335	117	54380	19.139	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	164693	19.089	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22196	17.881	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	89703	18.636	ug/l	99
94) Hexachlorobutadiene	15.506	225	32962	18.362	ug/l	97
95) Naphthalene	15.641	128	327568	18.571	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	91735	19.212	ug/l	98

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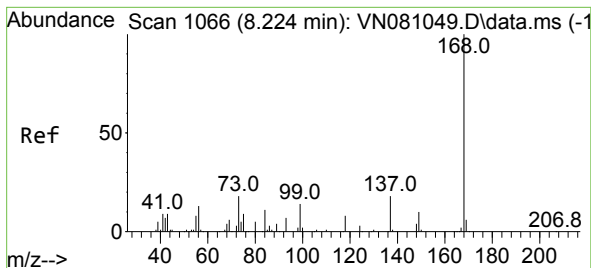
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QLast Update : Fri Feb 16 23:45:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. 0.006 min

Lab File: VN081130.D

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Instrument :

MSVOA_N

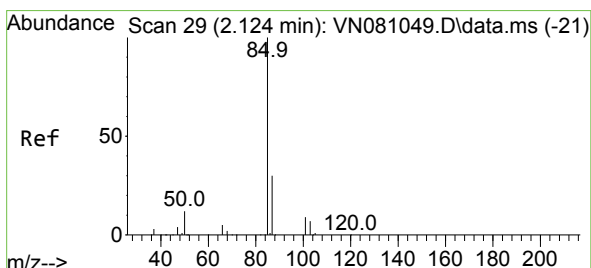
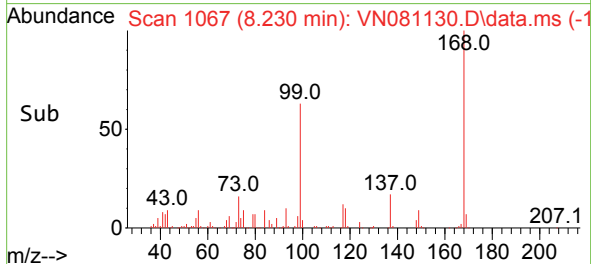
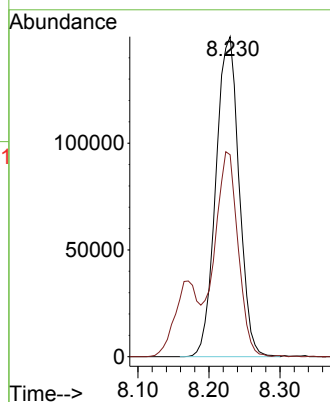
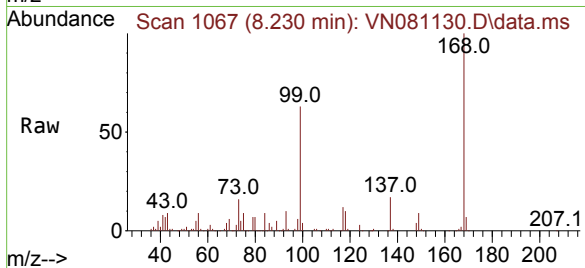
ClientSampleId :

Tgt Ion:168 Resp: 339427

Ion Ratio Lower Upper

168 100

99 62.7 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.926 ug/l

RT: 2.124 min Scan# 29

Delta R.T. -0.000 min

Lab File: VN081130.D

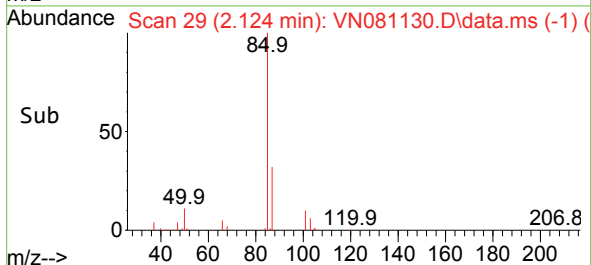
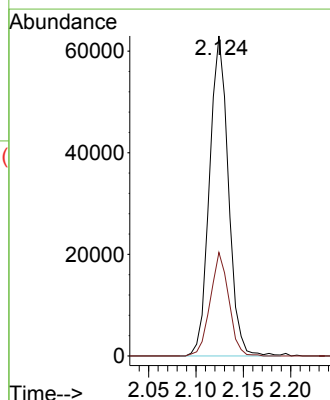
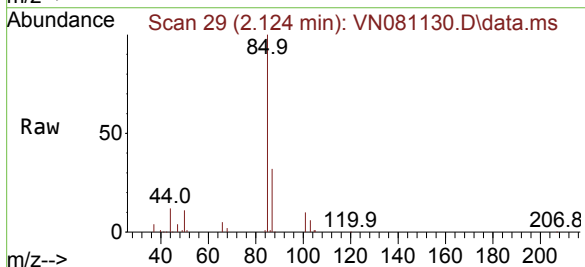
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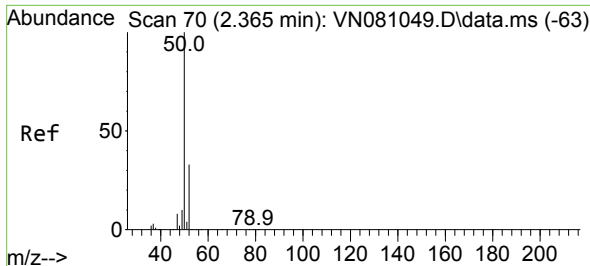
Tgt Ion: 85 Resp: 87469

Ion Ratio Lower Upper

85 100

87 32.3 15.3 45.9

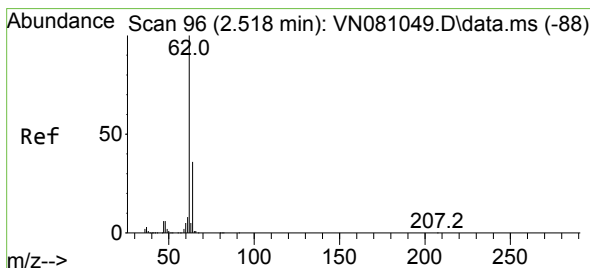
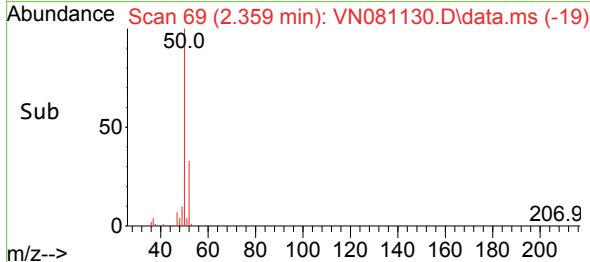
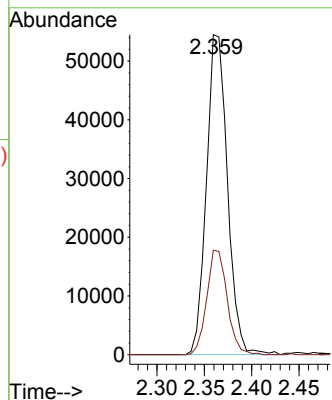
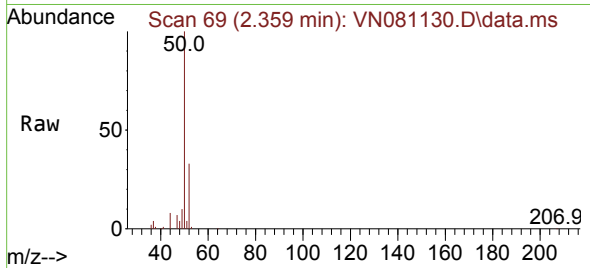




#3
Chloromethane
Concen: 16.813 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
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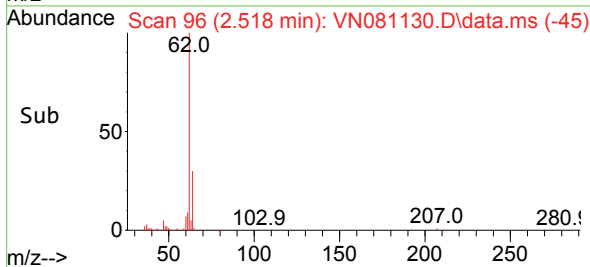
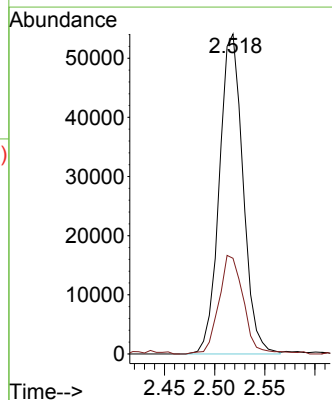
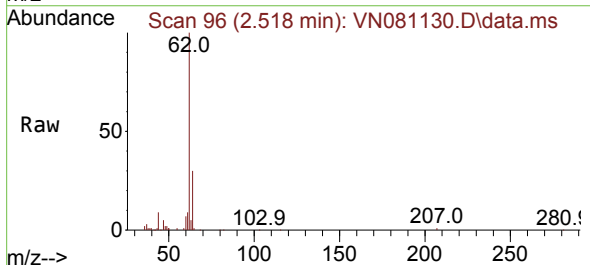
Instrument :
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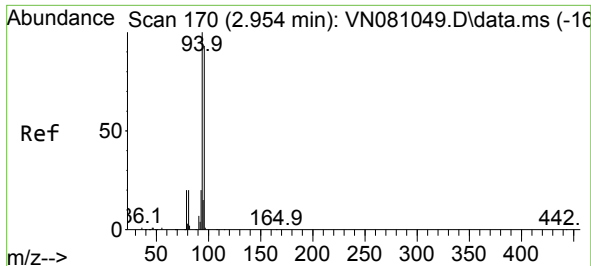
Tgt Ion: 50 Resp: 84274
Ion Ratio Lower Upper
50 100
52 32.6 25.0 37.4



#4
Vinyl Chloride
Concen: 18.180 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 62 Resp: 88643
Ion Ratio Lower Upper
62 100
64 29.9 22.7 34.1

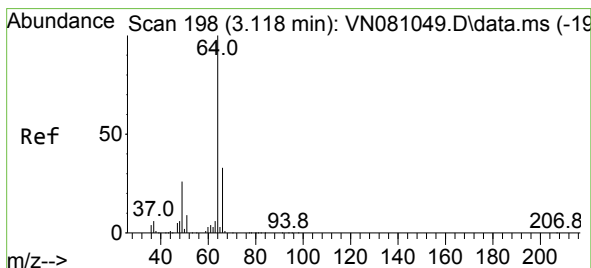
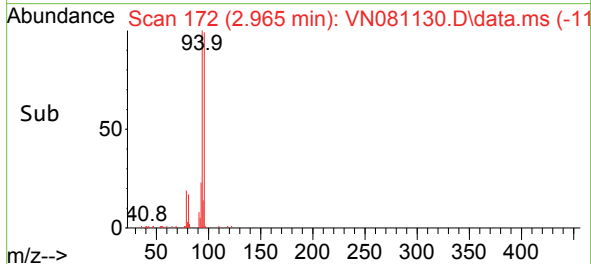
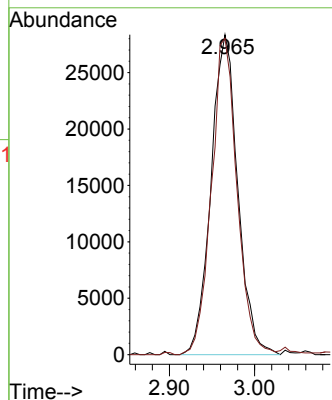
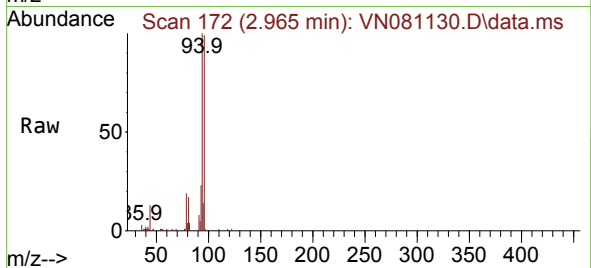




#5
Bromomethane
Concen: 17.877 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.011 min
Lab File: VN081130.D
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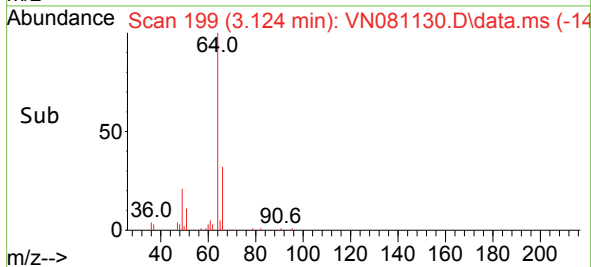
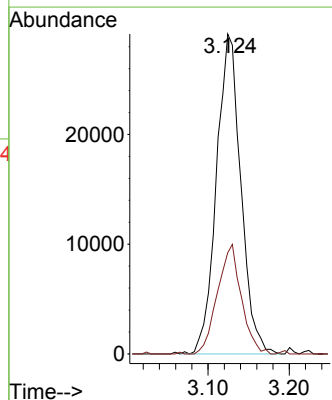
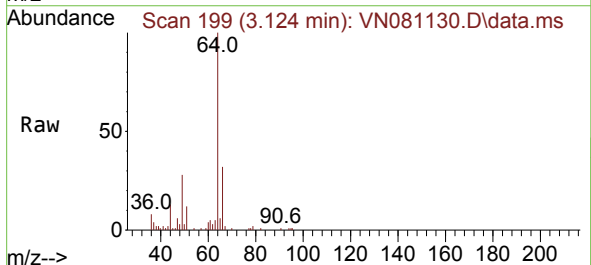
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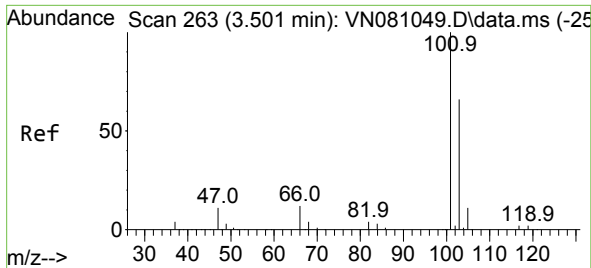
Tgt Ion: 94 Resp: 61909
Ion Ratio Lower Upper
94 100
96 98.8 69.2 103.8



#6
Chloroethane
Concen: 18.778 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 64 Resp: 60933
Ion Ratio Lower Upper
64 100
66 31.1 26.4 39.6

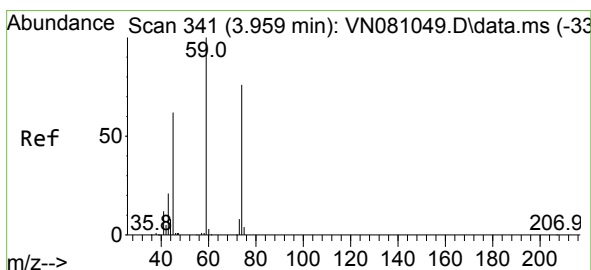
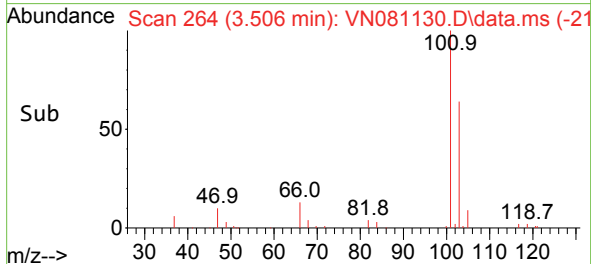
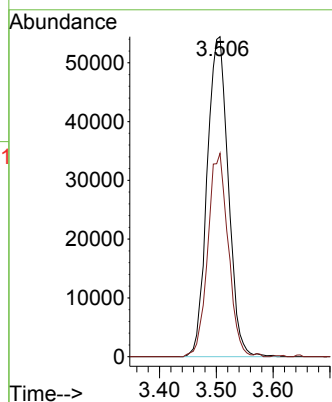
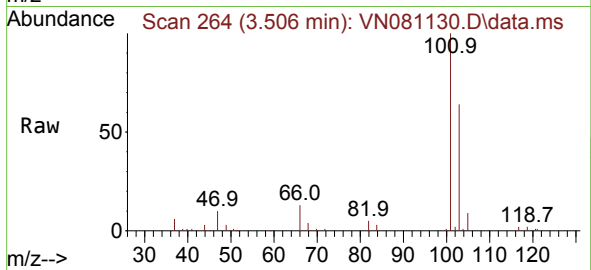




#7
Trichlorofluoromethane
Concen: 19.697 ug/l
RT: 3.506 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081130.D
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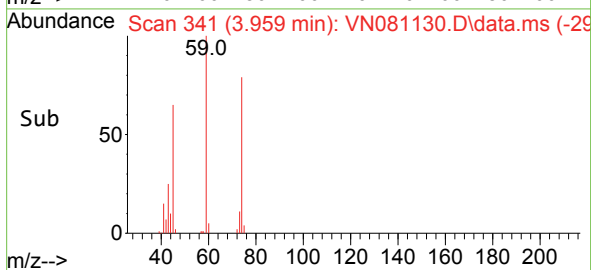
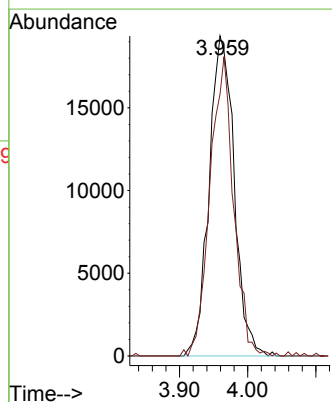
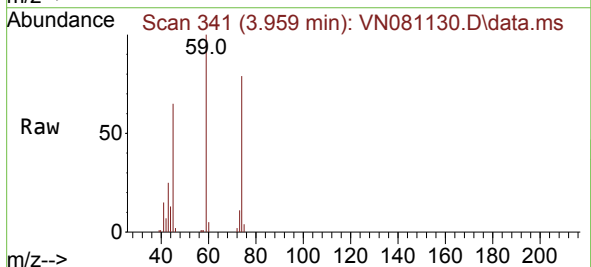
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MSVOA_N
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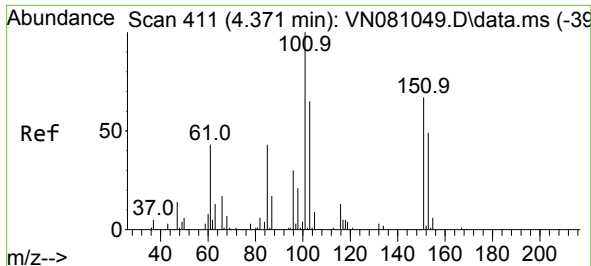
Tgt Ion:101 Resp: 140307
Ion Ratio Lower Upper
101 100
103 63.6 54.4 81.6



#8
Diethyl Ether
Concen: 19.041 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 74 Resp: 49587
Ion Ratio Lower Upper
74 100
45 87.9 53.3 159.9

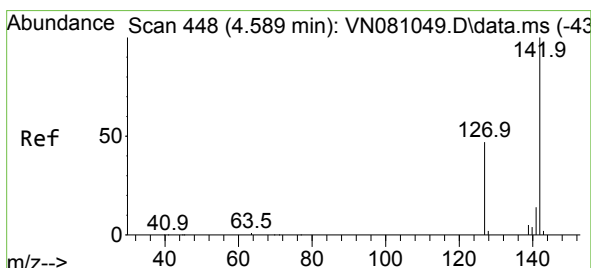
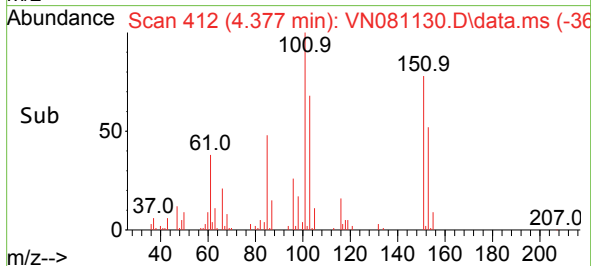
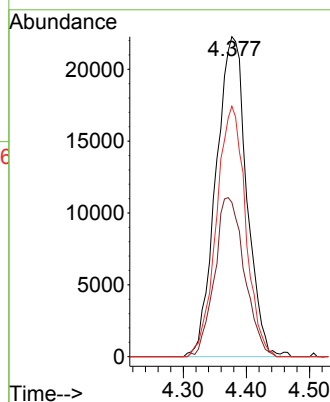
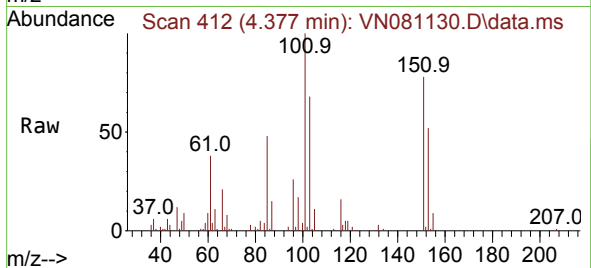




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.894 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081130.D
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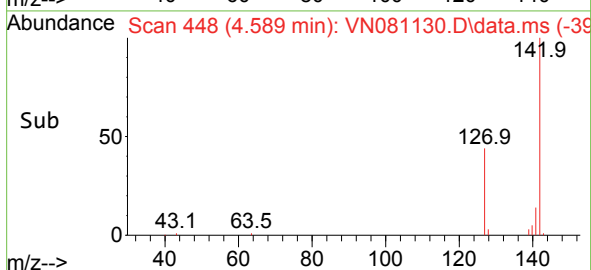
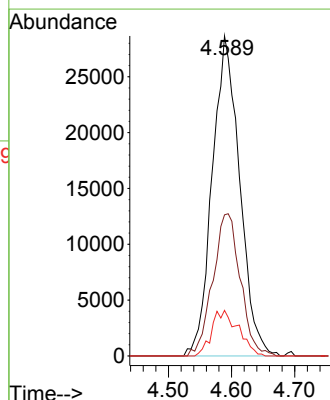
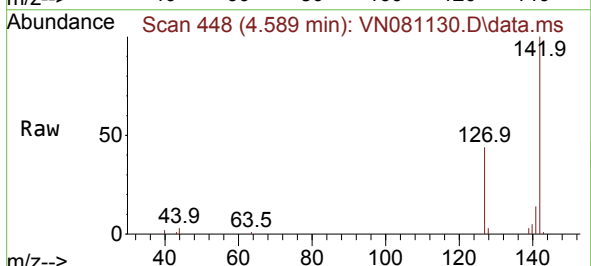
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 75028
Ion Ratio Lower Upper
101 100
85 48.5 38.1 57.1
151 74.5 49.1 73.7#



#10
Methyl Iodide
Concen: 19.514 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:142 Resp: 86494
Ion Ratio Lower Upper
142 100
127 44.1 37.0 55.4
141 14.2 12.5 18.7

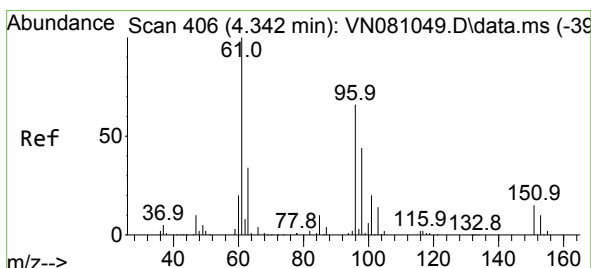
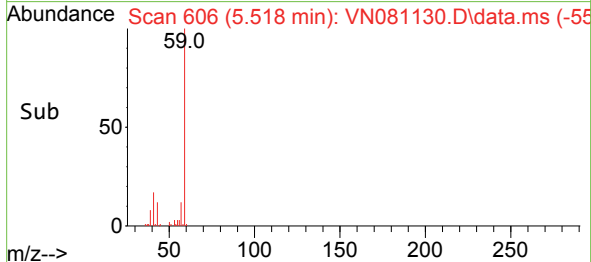
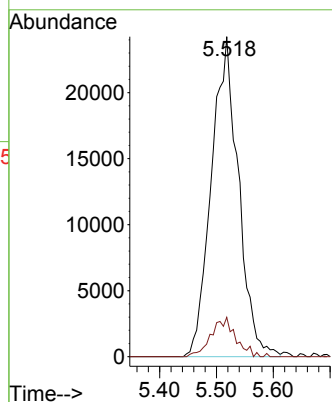
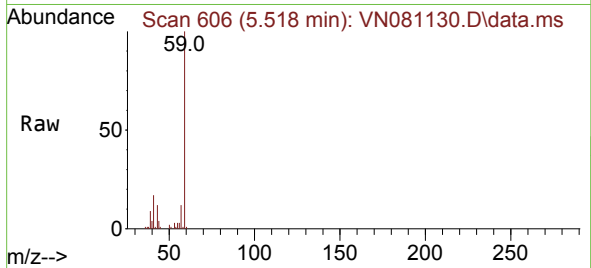




#11
Tert butyl alcohol
Concen: 104.735 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

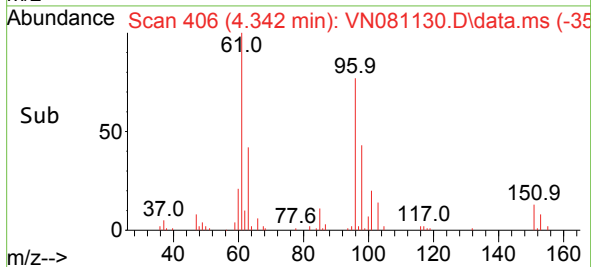
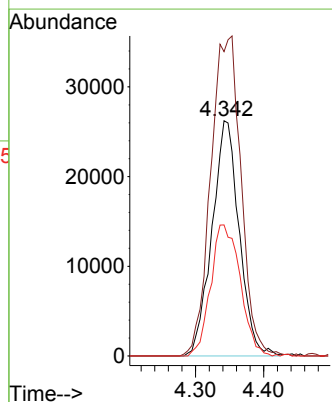
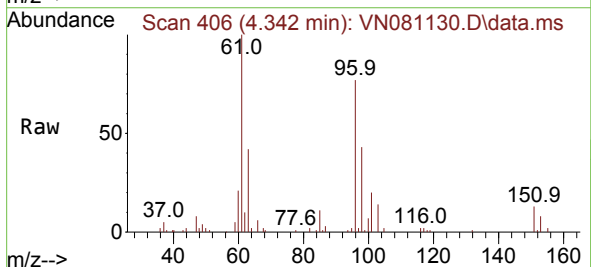
Instrument :
MSVOA_N
ClientSampleId :

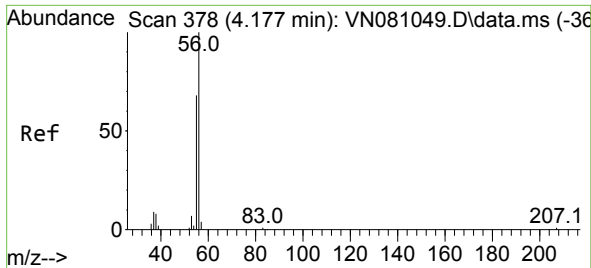
Tgt Ion: 59 Resp: 80135
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.952 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

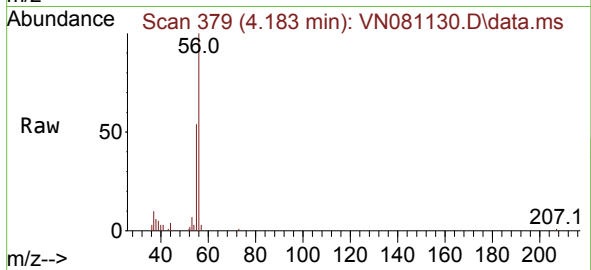
Tgt Ion: 96 Resp: 72746
Ion Ratio Lower Upper
96 100
61 129.4 138.2 207.4#
98 55.7 49.2 73.8



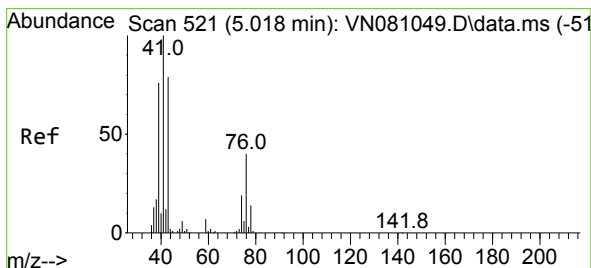
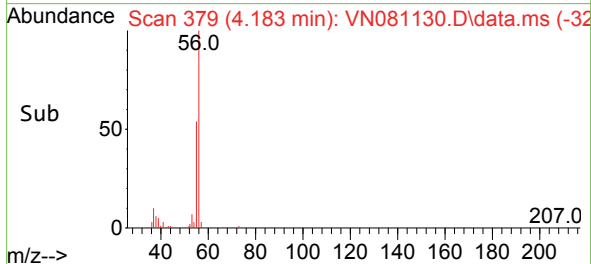
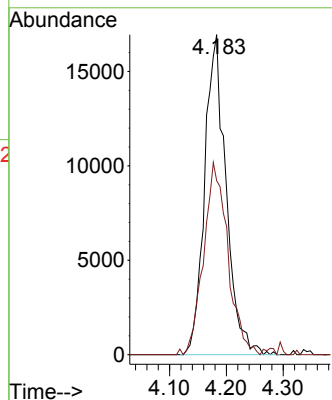


#13
Acrolein
Concen: 107.970 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

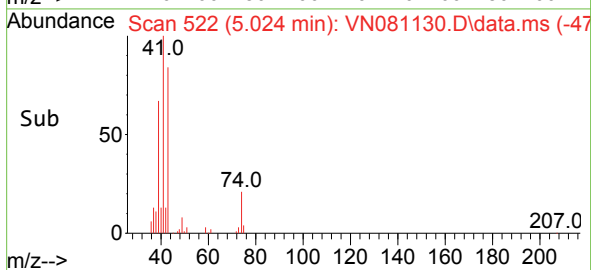
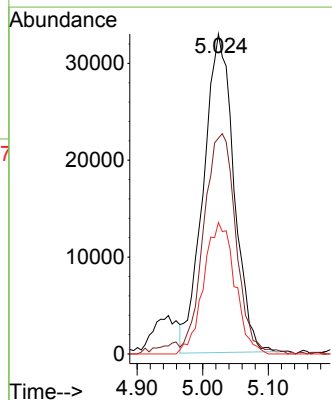
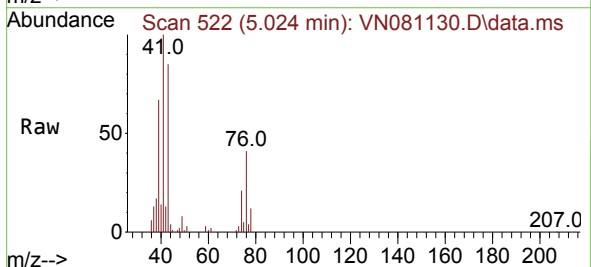


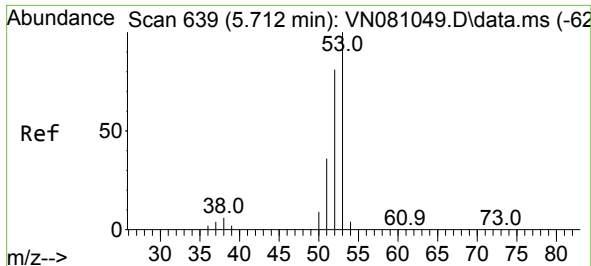
Tgt Ion: 56 Resp: 44277
Ion Ratio Lower Upper
56 100
55 68.0 55.3 82.9



#14
Allyl chloride
Concen: 18.648 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 41 Resp: 106206
Ion Ratio Lower Upper
41 100
39 75.6 57.7 86.5
76 42.3 26.8 40.2#

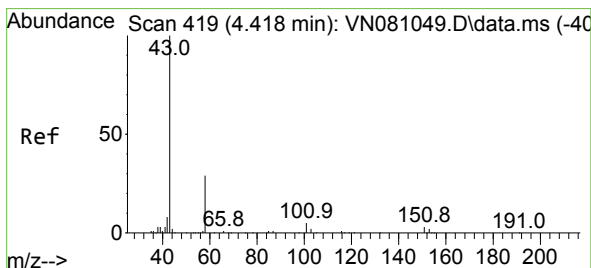
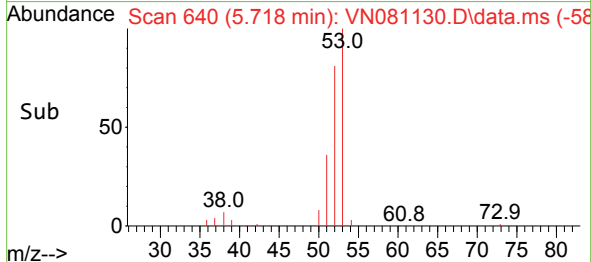
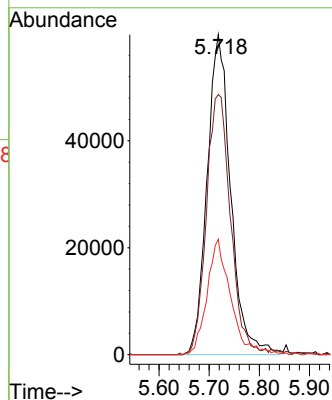
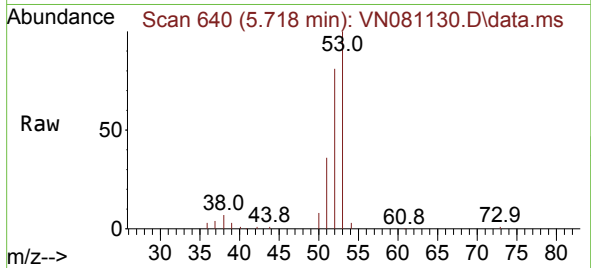




#15
Acrylonitrile
Concen: 98.217 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

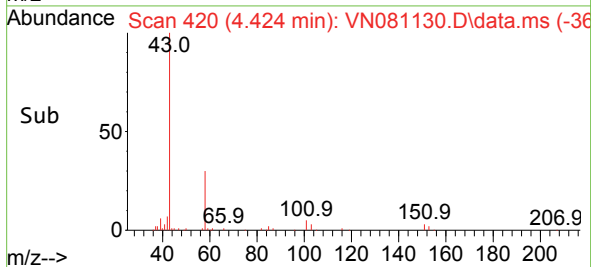
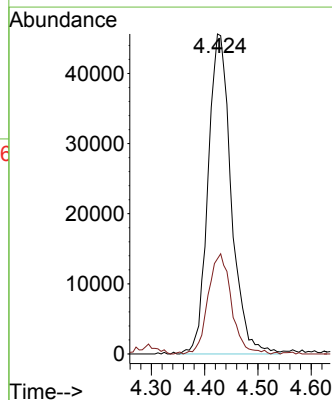
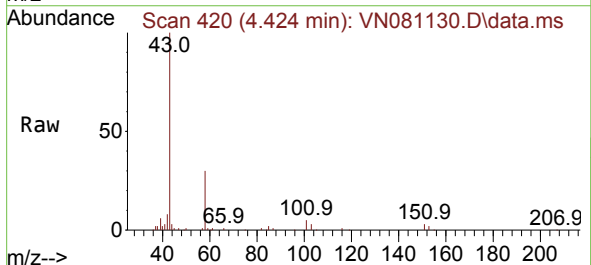
Instrument :
MSVOA_N
ClientSampleId :

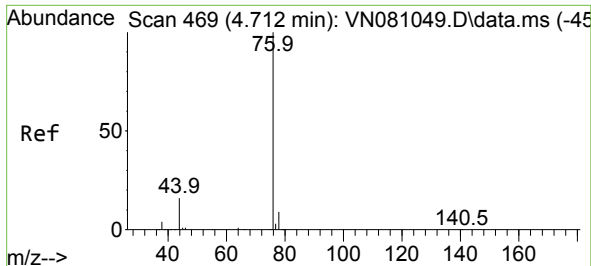
Tgt Ion: 53 Resp: 196262
Ion Ratio Lower Upper
53 100
52 82.7 64.8 97.2
51 36.2 26.9 40.3



#16
Acetone
Concen: 84.123 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 43 Resp: 137713
Ion Ratio Lower Upper
43 100
58 29.8 24.8 37.2

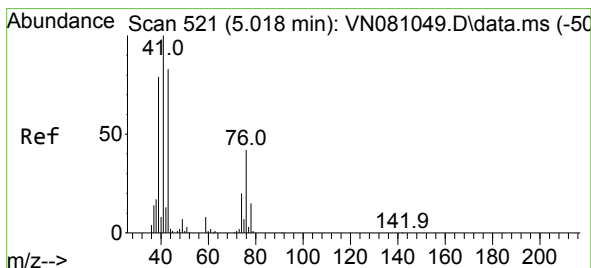
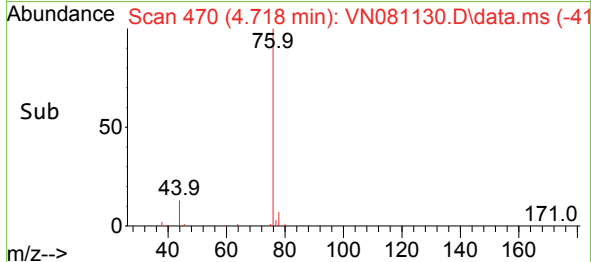
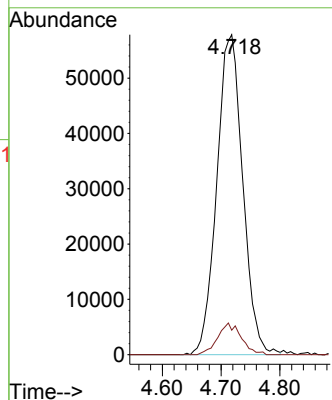
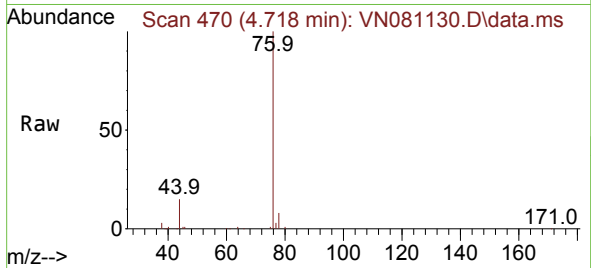




#17
Carbon Disulfide
Concen: 16.583 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

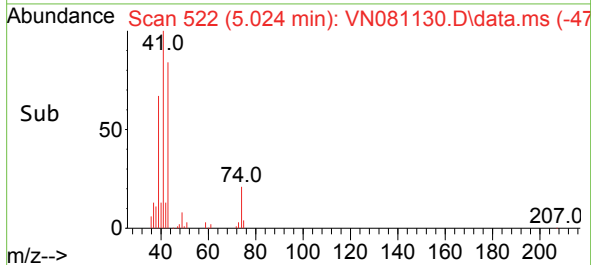
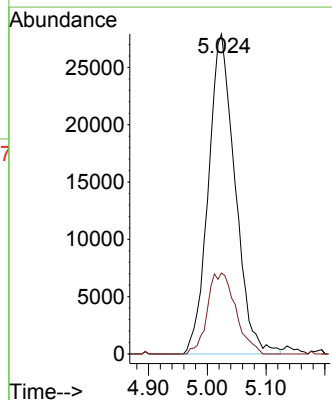
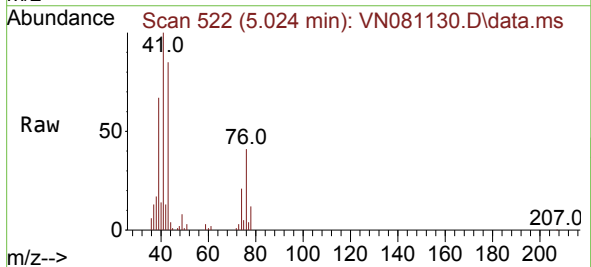
Instrument :
MSVOA_N
ClientSampleId :

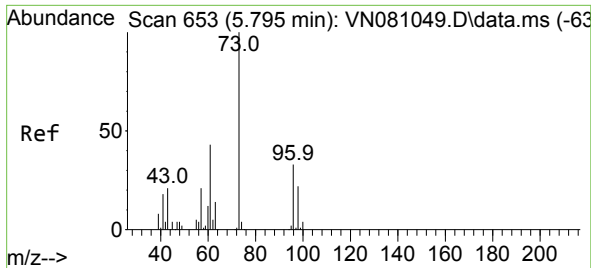
Tgt Ion: 76 Resp: 177549
Ion Ratio Lower Upper
76 100
78 7.7 6.3 9.5



#18
Methyl Acetate
Concen: 22.065 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 43 Resp: 88118
Ion Ratio Lower Upper
43 100
74 26.9 17.3 25.9#

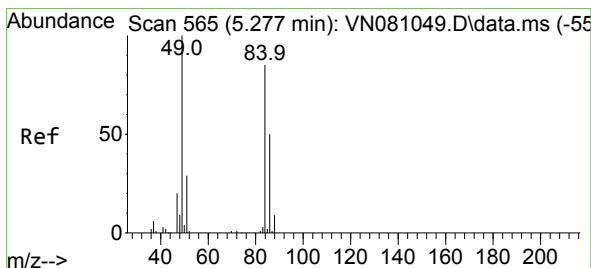
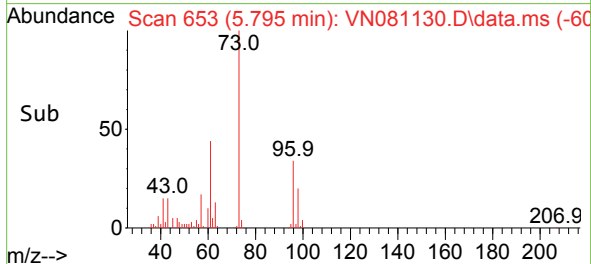
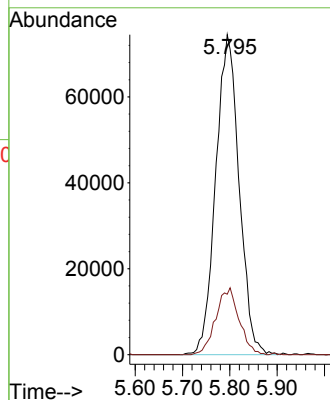
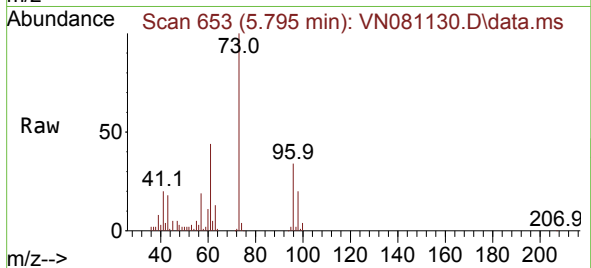




#19
Methyl tert-butyl Ether
Concen: 19.431 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

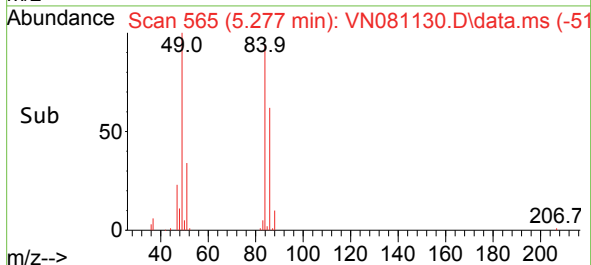
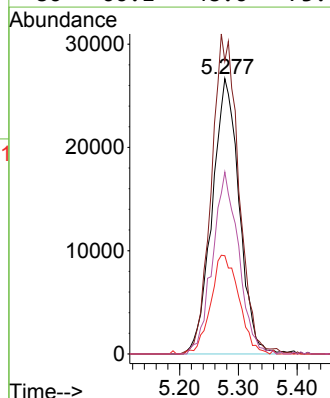
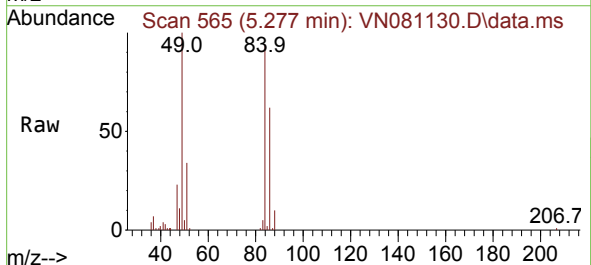
Instrument :
MSVOA_N
ClientSampleId :

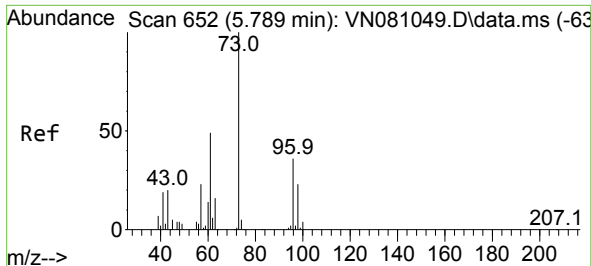
Tgt Ion: 73 Resp: 255459
Ion Ratio Lower Upper
73 100
57 18.9 18.2 27.4



#20
Methylene Chloride
Concen: 19.525 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 84 Resp: 85088
Ion Ratio Lower Upper
84 100
49 106.4 108.1 162.1#
51 35.7 32.9 49.3
86 66.1 48.6 73.0

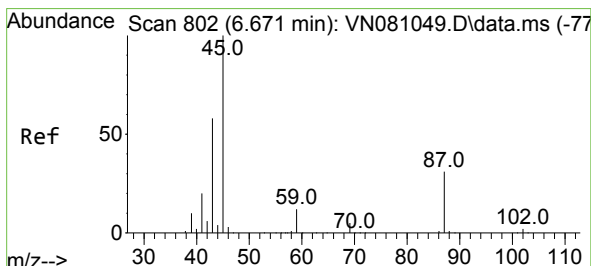
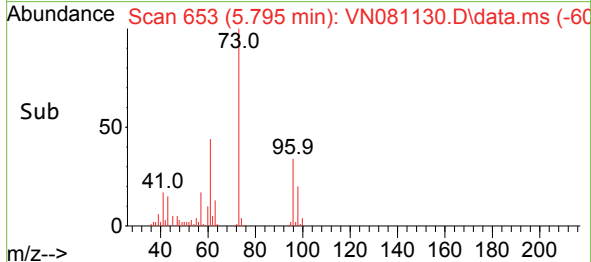
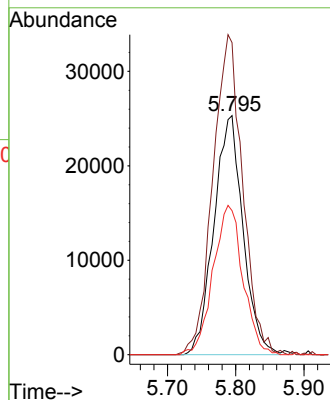
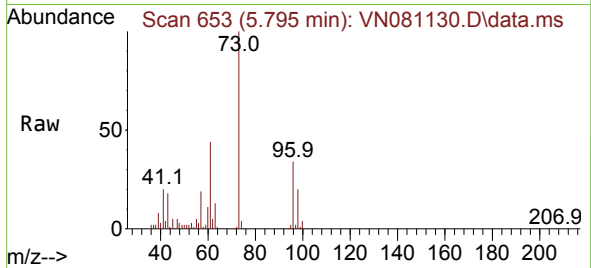




#21
trans-1,2-Dichloroethene
Concen: 17.558 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

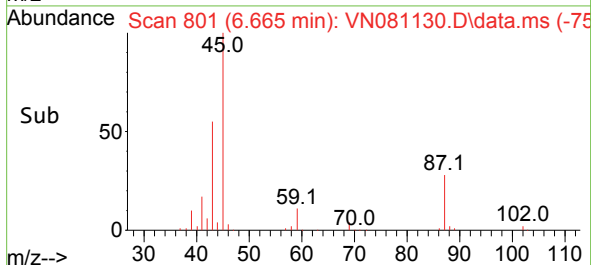
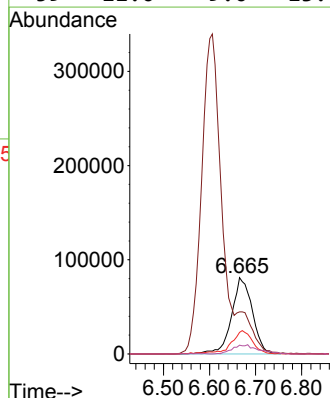
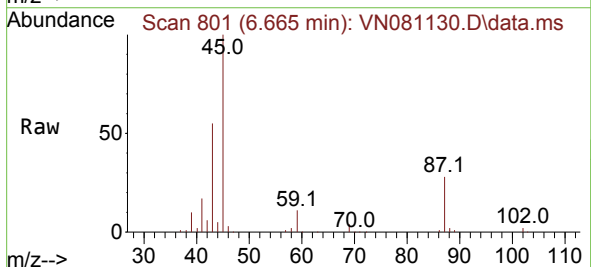
Instrument :
MSVOA_N
ClientSampleId :

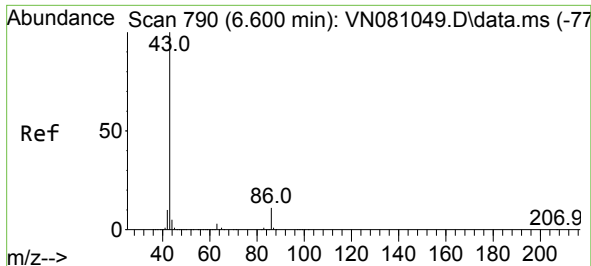
Tgt Ion: 96 Resp: 75193
Ion Ratio Lower Upper
96 100
61 129.8 112.8 169.2
98 60.2 51.0 76.4



#22
Diisopropyl ether
Concen: 19.657 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

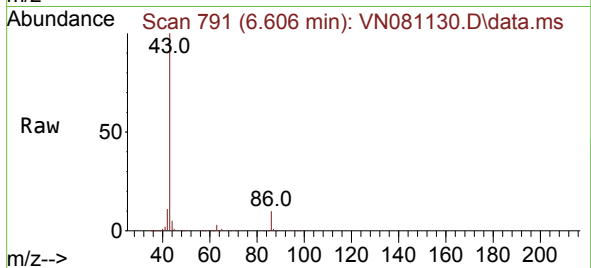
Tgt Ion: 45 Resp: 253958
Ion Ratio Lower Upper
45 100
43 54.3 41.8 62.8
87 28.0 18.1 27.1#
59 11.0 9.0 13.6



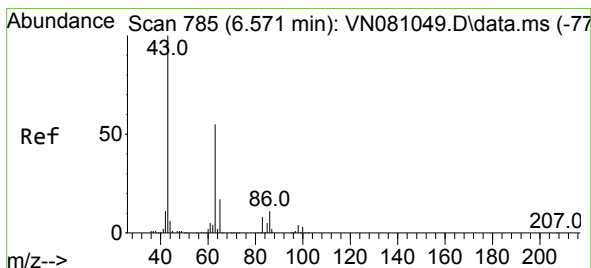
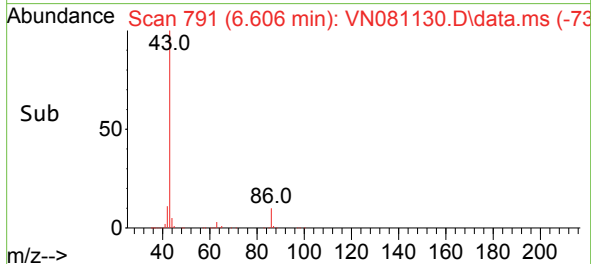
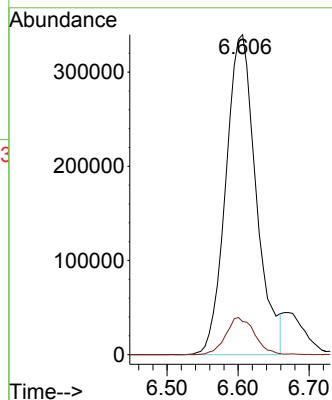


#23
 Vinyl Acetate
 Concen: 96.060 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Instrument :
 MSVOA_N
 ClientSampleId :

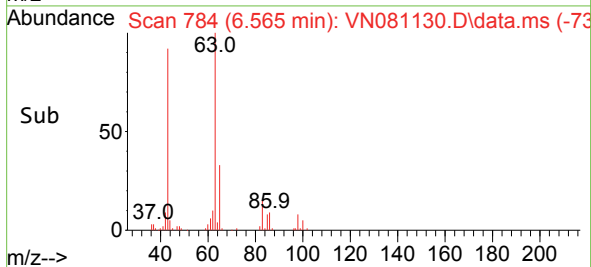
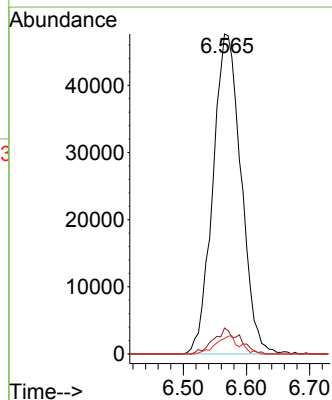
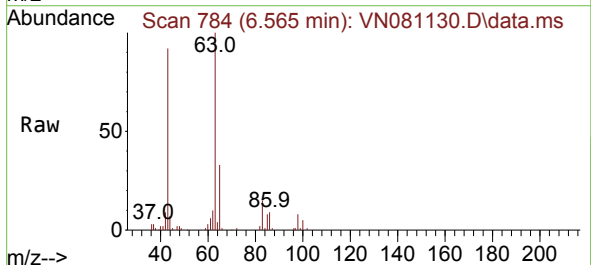


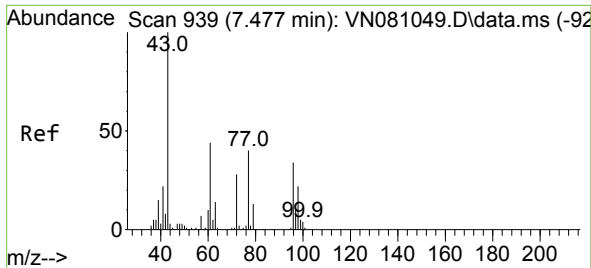
Tgt Ion: 43 Resp: 1006916
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.746 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Tgt Ion: 63 Resp: 147510
 Ion Ratio Lower Upper
 63 100
 98 8.1 2.9 8.6
 100 4.8 1.9 5.7

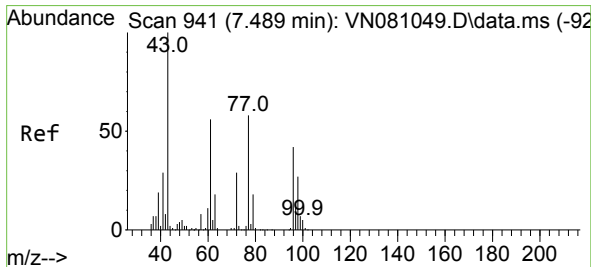
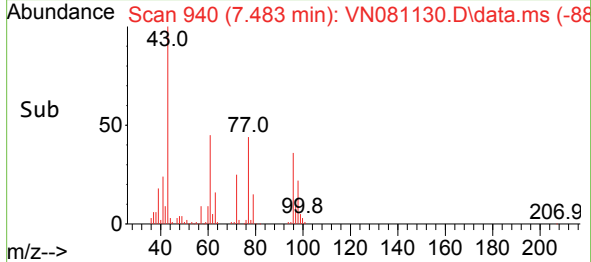
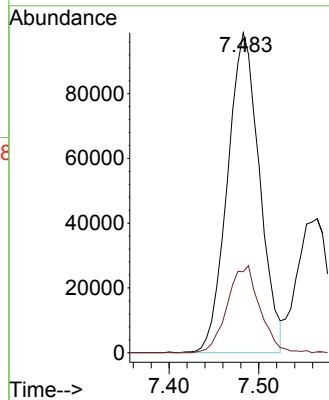
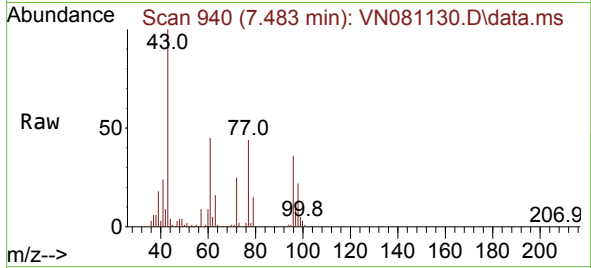




#25
2-Butanone
Concen: 92.774 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

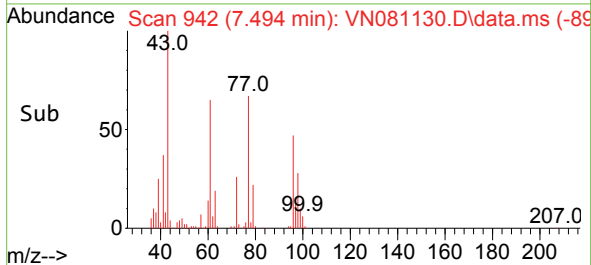
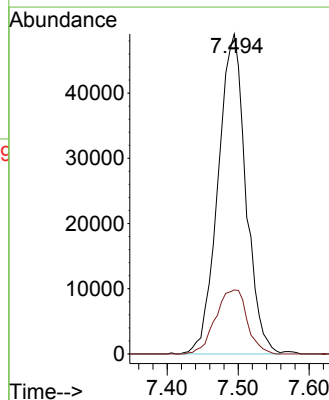
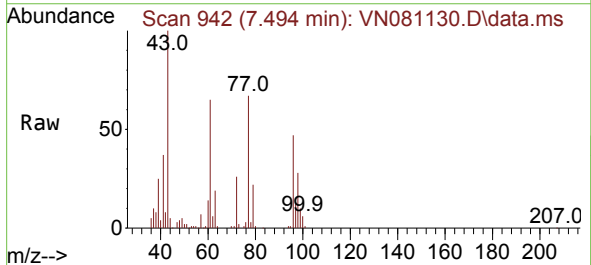
Instrument :
MSVOA_N
ClientSampleId :

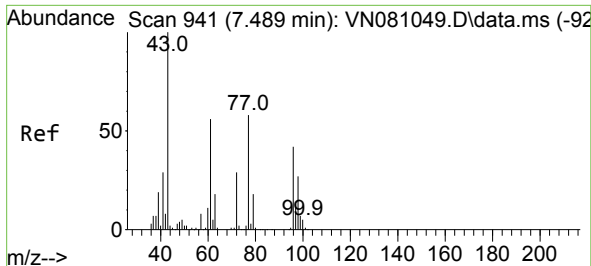
Tgt Ion: 43 Resp: 245357
Ion Ratio Lower Upper
43 100
72 25.3 19.5 29.3



#26
2,2-Dichloropropane
Concen: 19.086 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

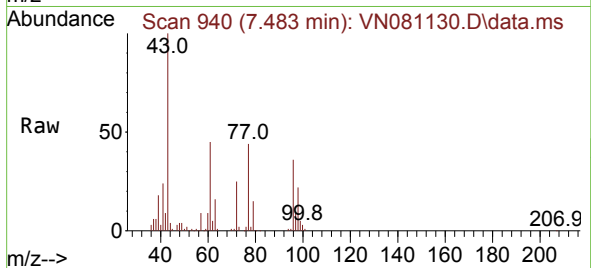
Tgt Ion: 77 Resp: 133594
Ion Ratio Lower Upper
77 100
97 22.7 11.5 34.5



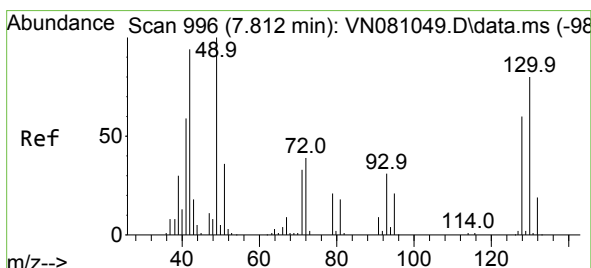
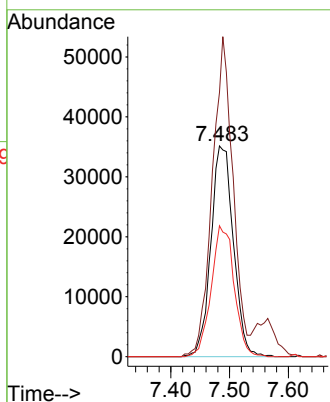
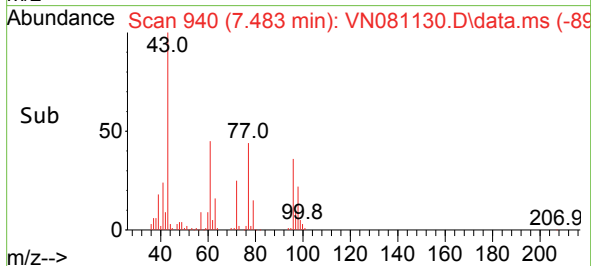


#27
 cis-1,2-Dichloroethene
 Concen: 18.823 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Instrument :
 MSVOA_N
 ClientSampleId :

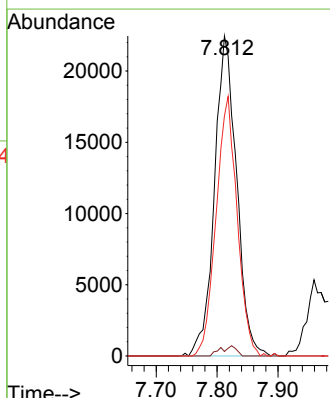
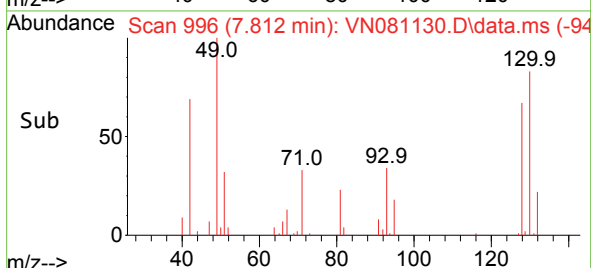
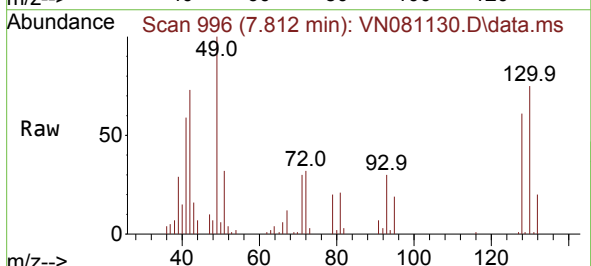


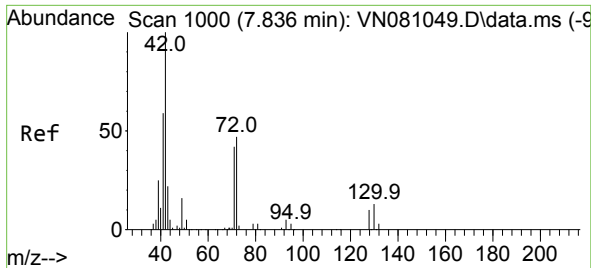
Tgt Ion: 96 Resp: 93657
 Ion Ratio Lower Upper
 96 100
 61 140.2 0.0 325.4
 98 63.2 0.0 130.4



#28
 Bromochloromethane
 Concen: 18.298 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

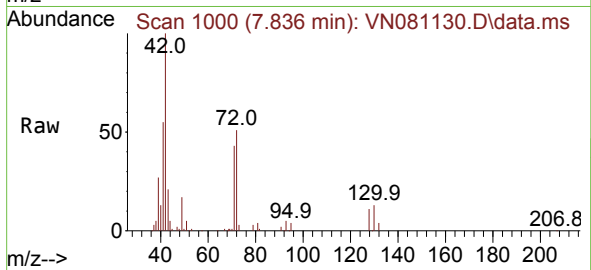
Tgt Ion: 49 Resp: 56670
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 1.6#
 130 77.2 42.3 63.5#



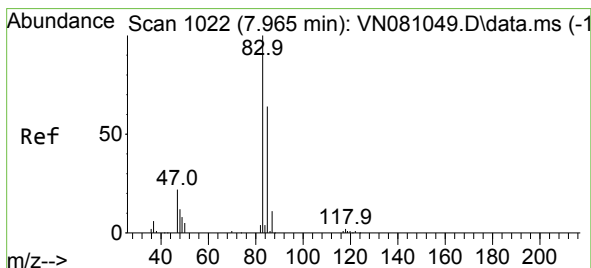
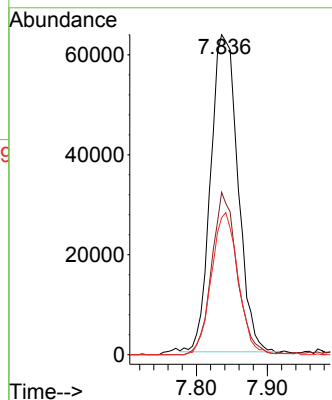
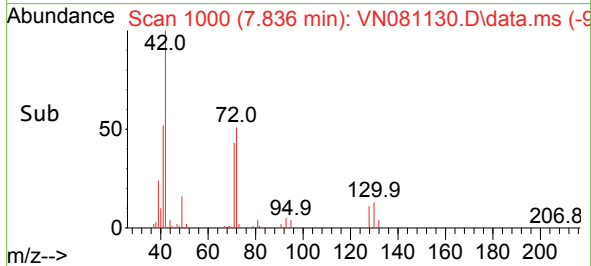


#29
Tetrahydrofuran
Concen: 95.624 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

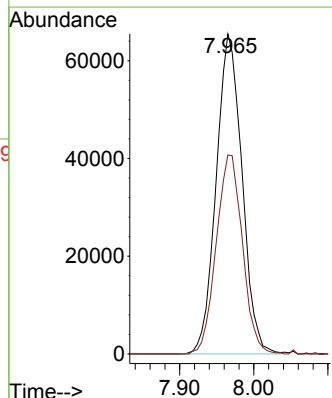
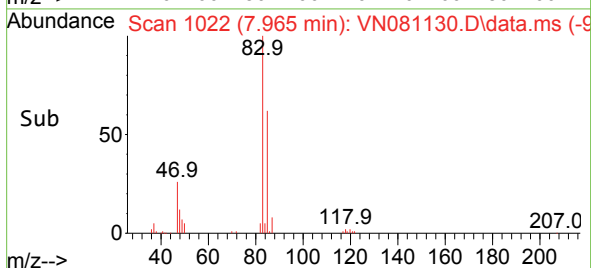
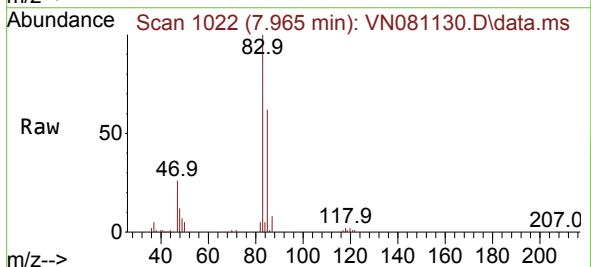


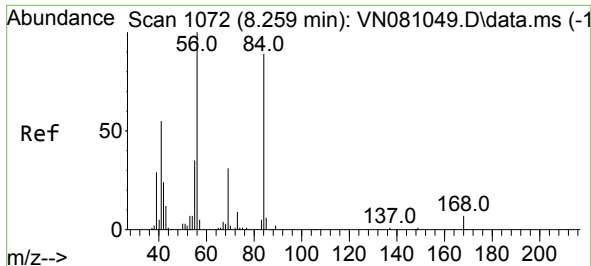
Tgt Ion: 42 Resp: 168820
Ion Ratio Lower Upper
42 100
72 47.7 31.1 46.7#
71 44.2 28.3 42.5#



#30
Chloroform
Concen: 19.955 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

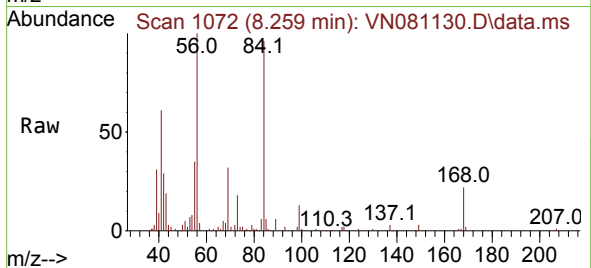
Tgt Ion: 83 Resp: 158476
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.6



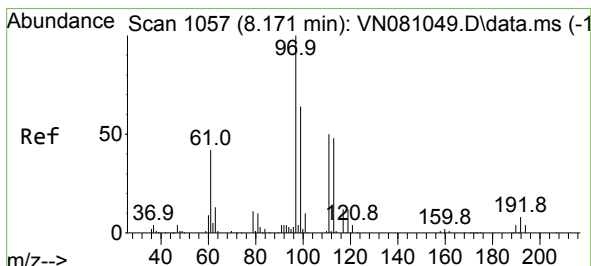
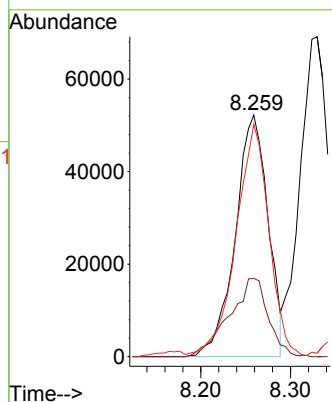
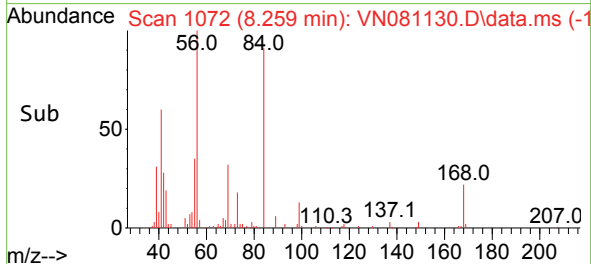


#31
Cyclohexane
Concen: 18.422 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

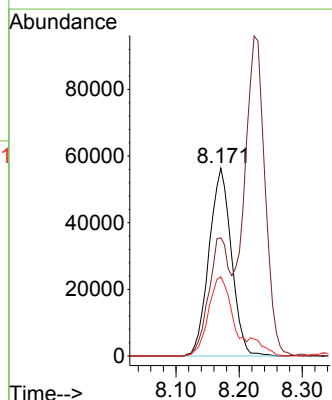
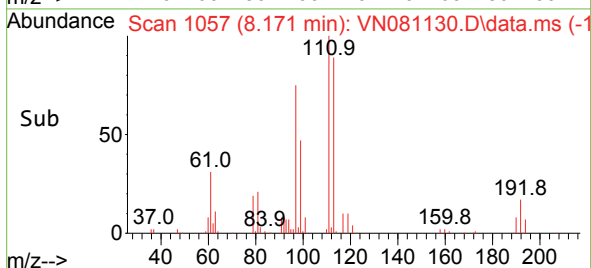
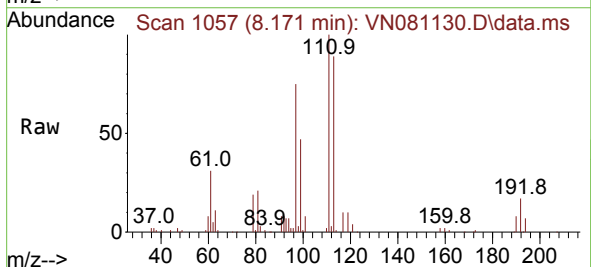


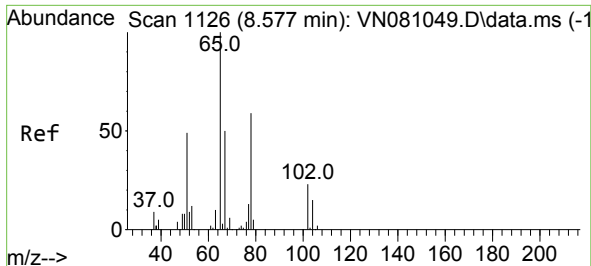
Tgt Ion: 56 Resp: 132337
Ion Ratio Lower Upper
56 100
69 32.4 20.1 30.1#
84 93.9 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 19.194 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 97 Resp: 138826
Ion Ratio Lower Upper
97 100
99 58.9 53.4 80.0
61 45.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 47.757 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

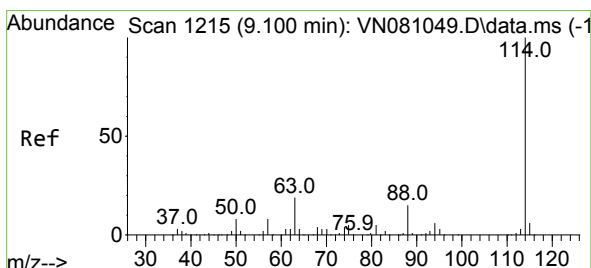
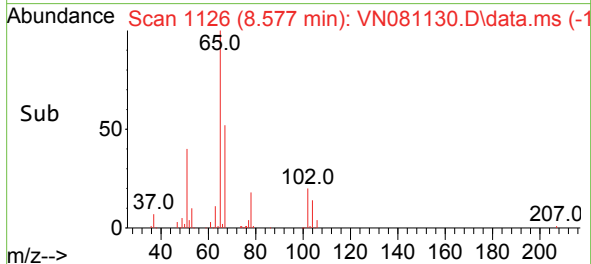
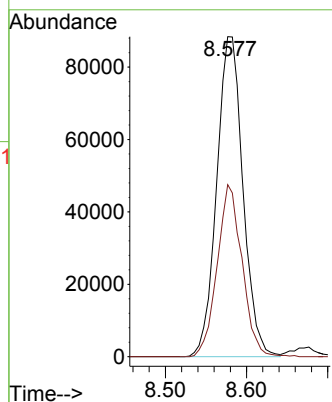
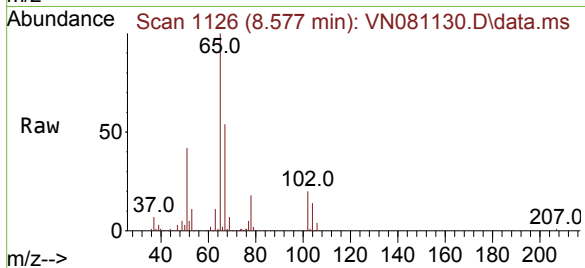
ClientSampleId :

Tgt Ion: 65 Resp: 198691

Ion Ratio Lower Upper

65 100

67 51.0 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: VN081130.D

Acq: 22 Feb 2024 13:12

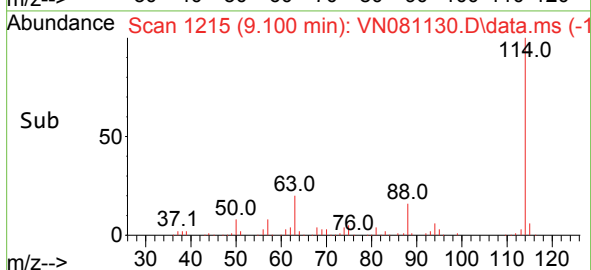
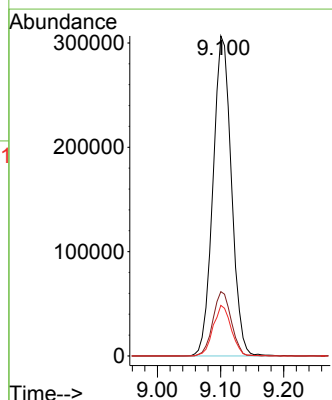
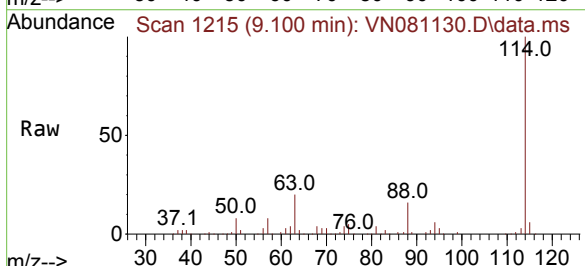
Tgt Ion: 114 Resp: 621678

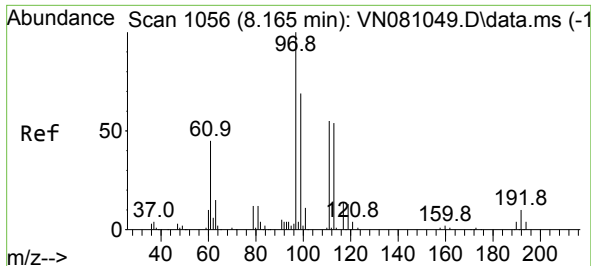
Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 15.8 0.0 34.8

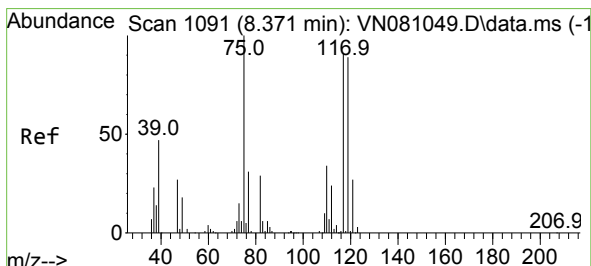
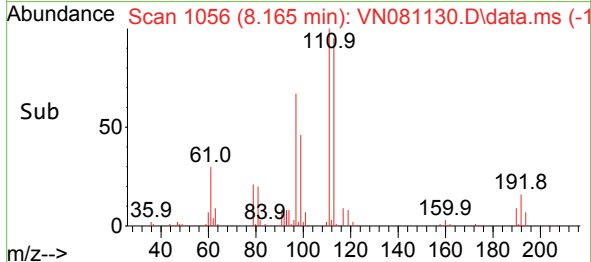
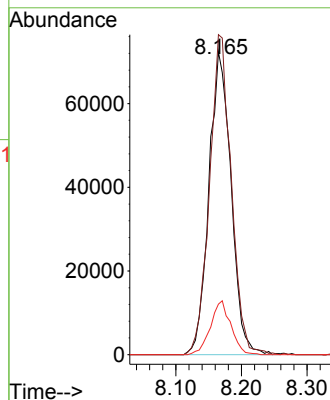
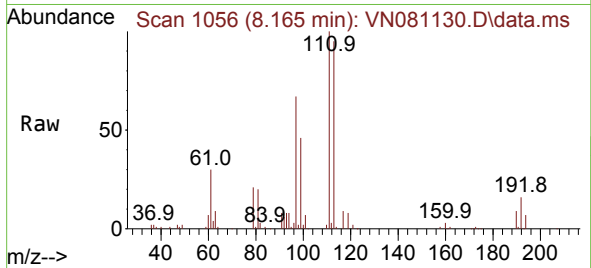




#35
Dibromofluoromethane
Concen: 48.289 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

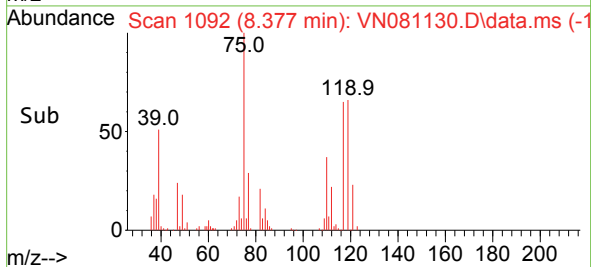
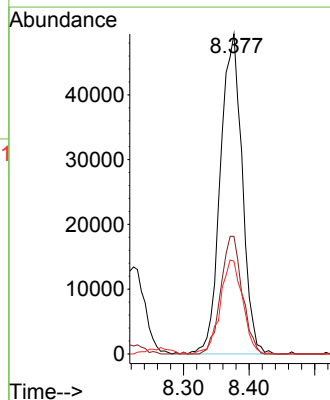
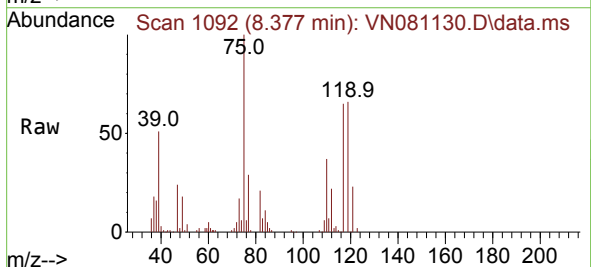
Instrument :
MSVOA_N
ClientSampleId :

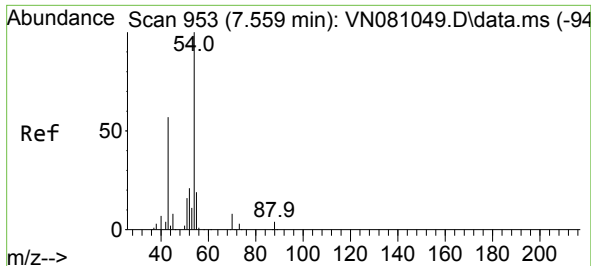
Tgt Ion:113 Resp: 169755
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.885 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 75 Resp: 113737
Ion Ratio Lower Upper
75 100
110 36.2 16.0 48.0
77 30.2 25.8 38.6





#37

Ethyl Acetate

Concen: 19.560 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

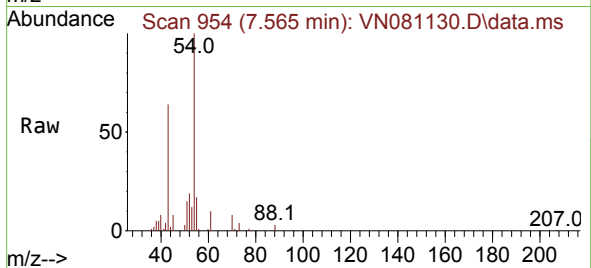
Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :



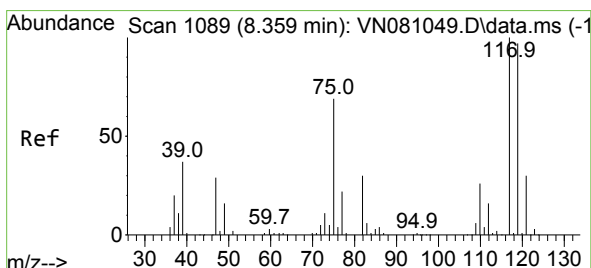
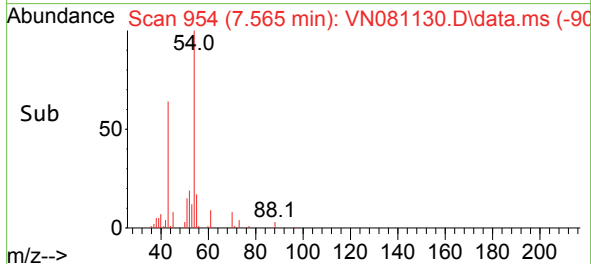
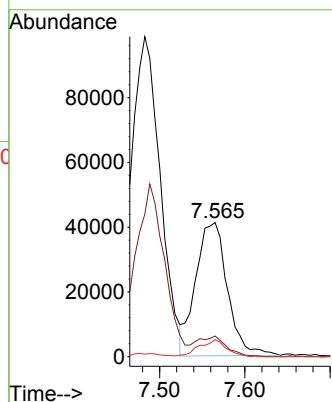
Tgt Ion: 43 Resp: 106319

Ion Ratio Lower Upper

43 100

61 14.1 10.6 15.8

70 11.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 19.253 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

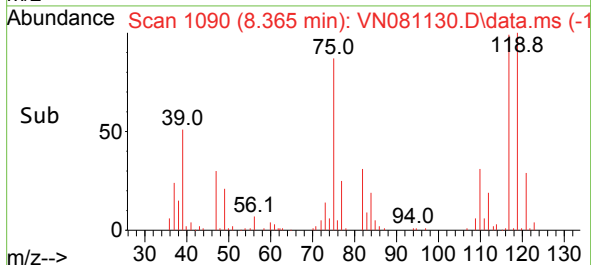
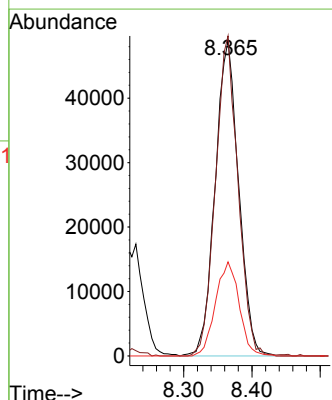
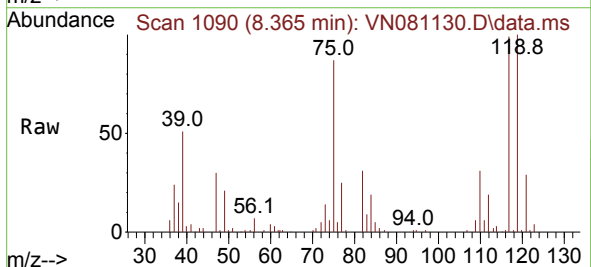
Tgt Ion: 117 Resp: 117313

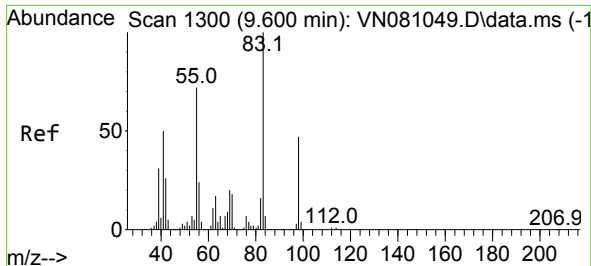
Ion Ratio Lower Upper

117 100

119 101.5 73.4 110.2

121 29.9 24.4 36.6





#39

Methylcyclohexane

Concen: 19.888 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

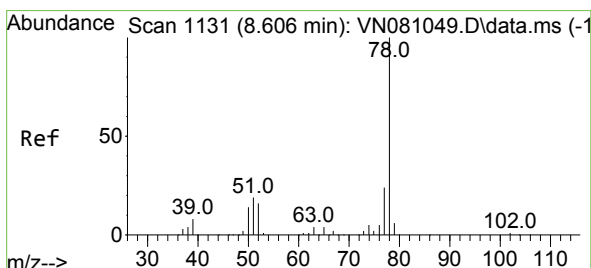
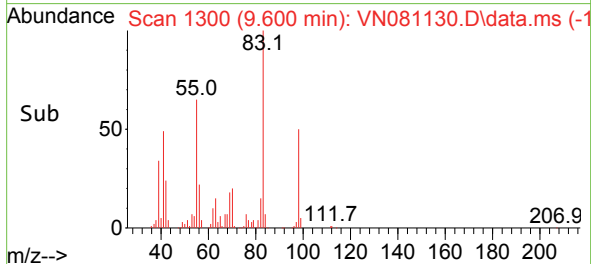
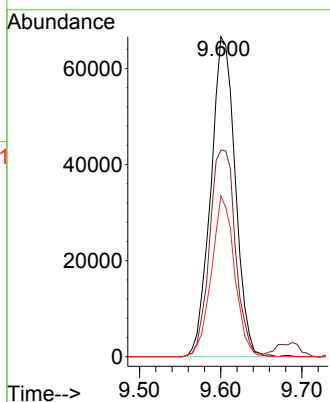
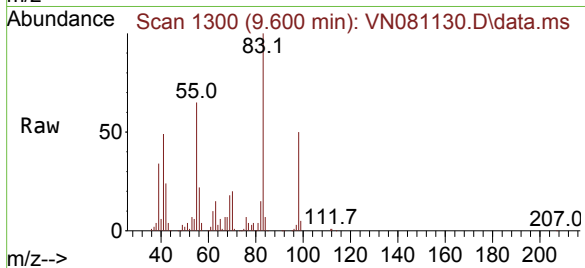
Tgt Ion: 83 Resp: 139630

Ion Ratio Lower Upper

83 100

55 64.6 65.7 98.5#

98 50.2 33.8 50.6



#40

Benzene

Concen: 19.720 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081130.D

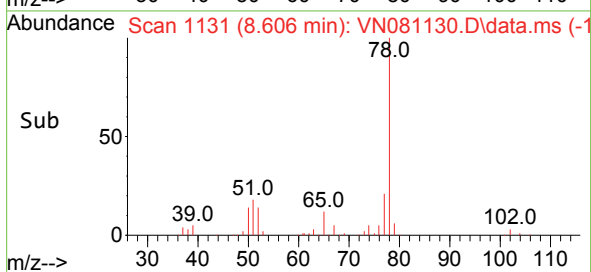
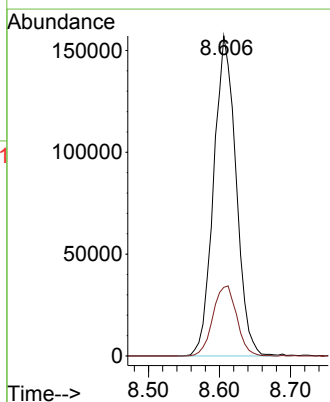
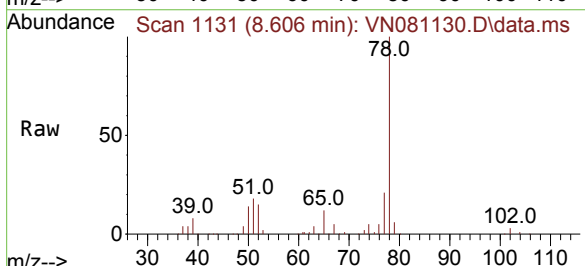
Acq: 22 Feb 2024 13:12

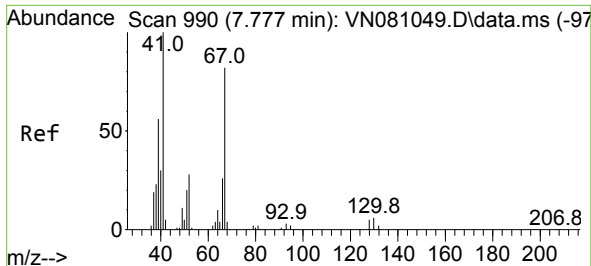
Tgt Ion: 78 Resp: 343774

Ion Ratio Lower Upper

78 100

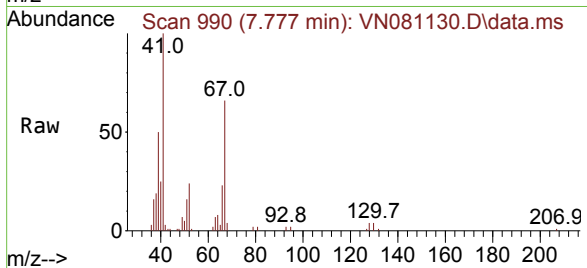
77 21.5 20.4 30.6



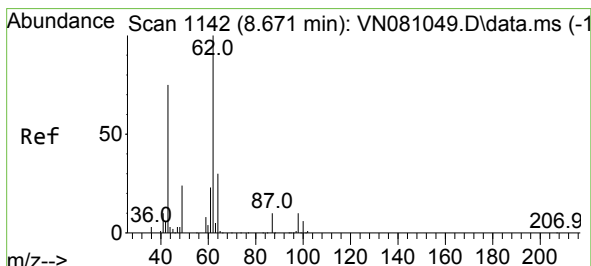
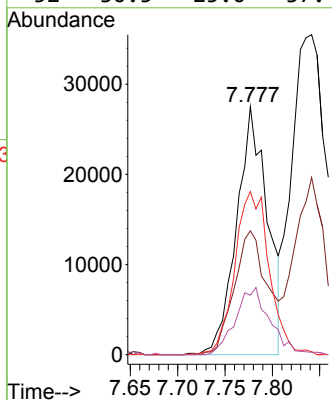
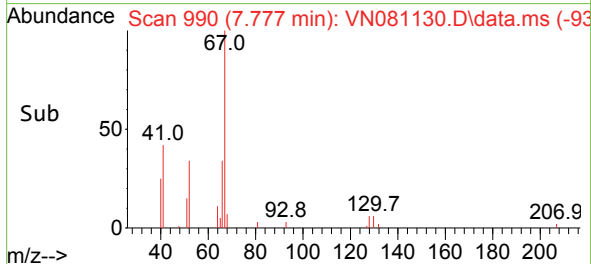


#41
Methacrylonitrile
Concen: 20.121 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Instrument :
MSVOA_N
ClientSampleId :

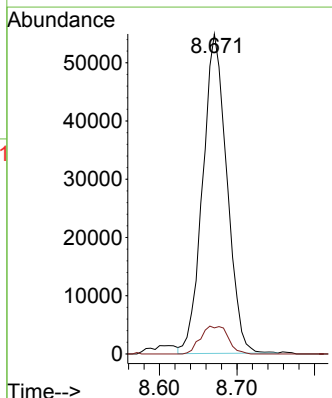
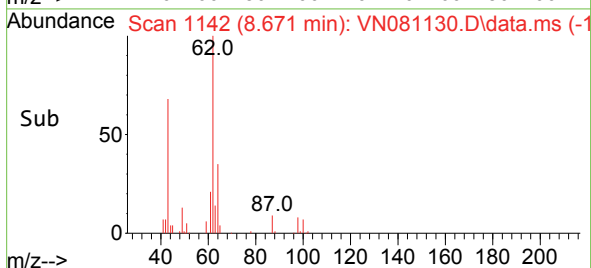
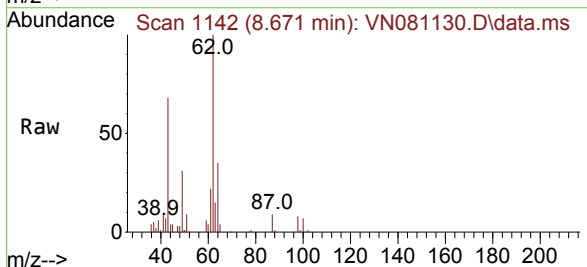


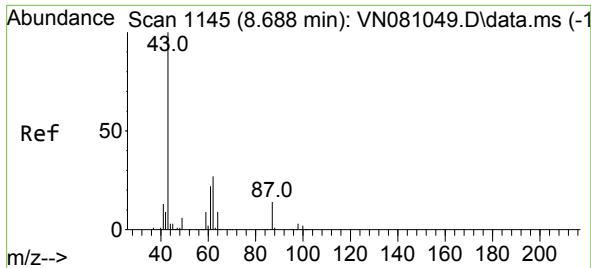
Tgt Ion:	41	Resp:	62242
Ion	Ratio	Lower	Upper
41	100		
39	53.9	48.4	72.6
67	73.7	56.8	85.2
52	30.5	25.0	37.4



#42
1,2-Dichloroethane
Concen: 19.589 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:	62	Resp:	119141
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0

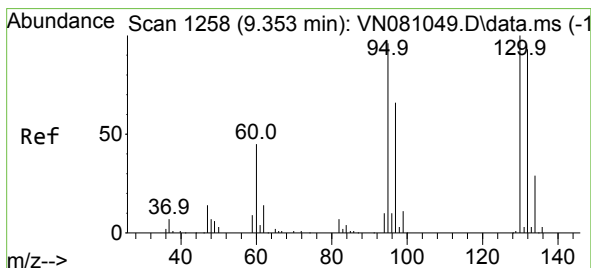
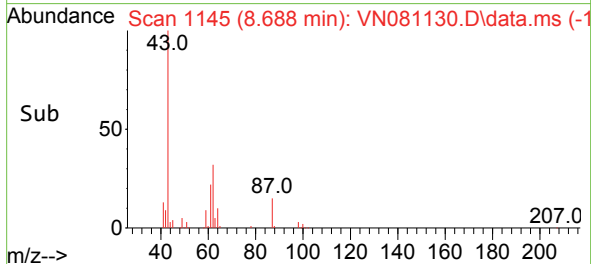
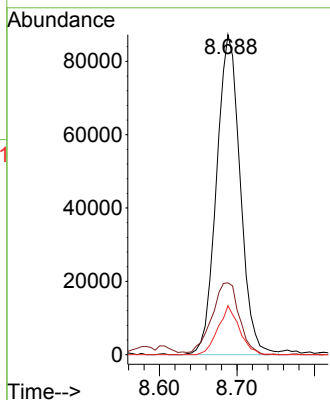
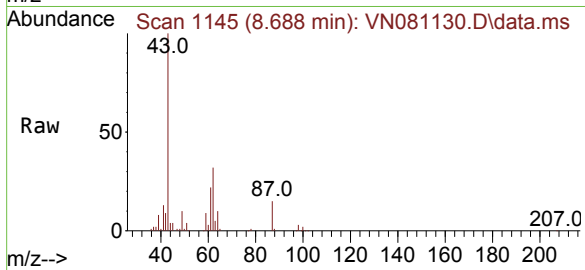




#43
Isopropyl Acetate
Concen: 19.538 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

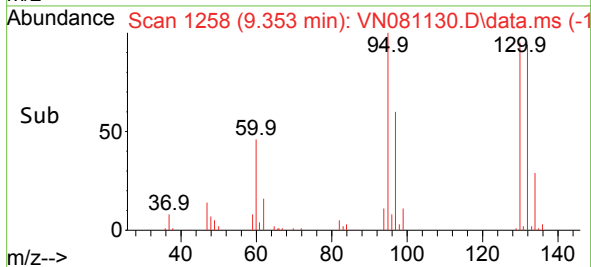
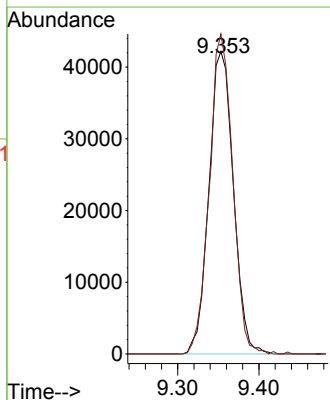
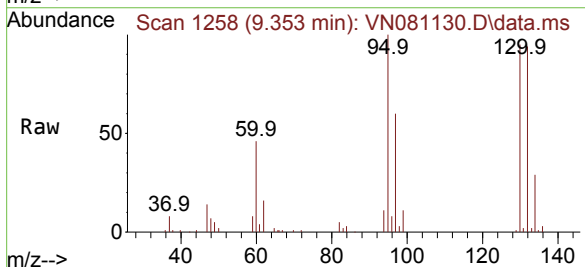
Instrument :
MSVOA_N
ClientSampleId :

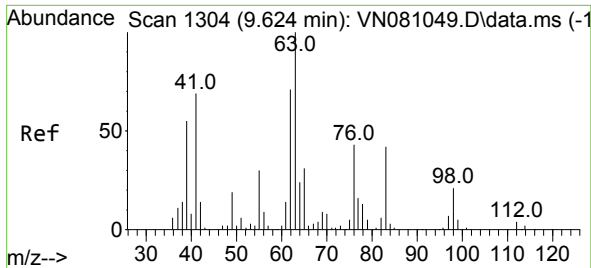
Tgt Ion: 43 Resp: 185733
Ion Ratio Lower Upper
43 100
61 26.0 19.9 29.9
87 13.8 9.0 13.6#



#44
Trichloroethene
Concen: 19.024 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:130 Resp: 88330
Ion Ratio Lower Upper
130 100
95 105.8 0.0 210.4

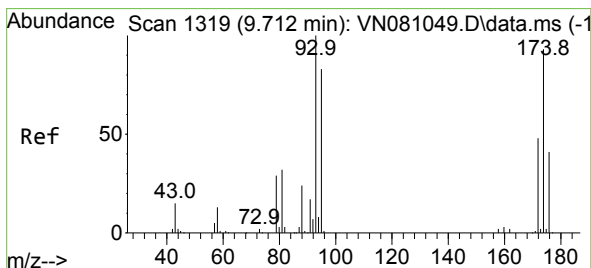
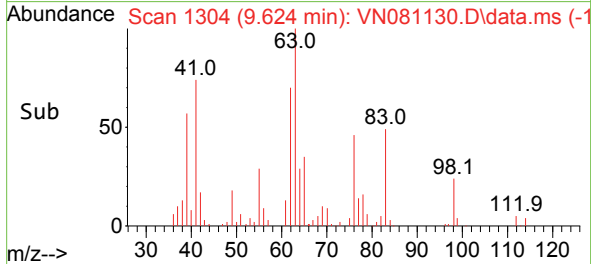
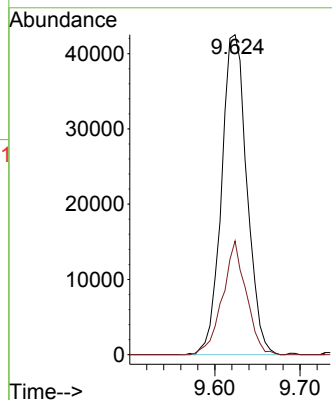
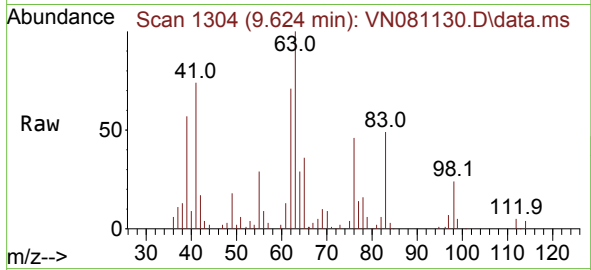




#45
1,2-Dichloropropane
Concen: 20.142 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

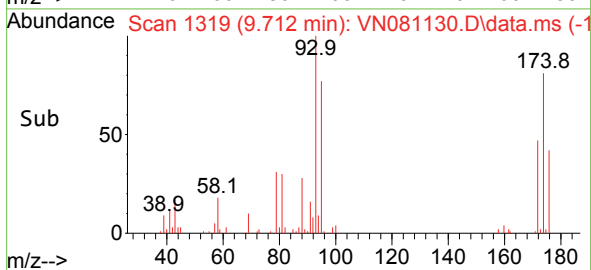
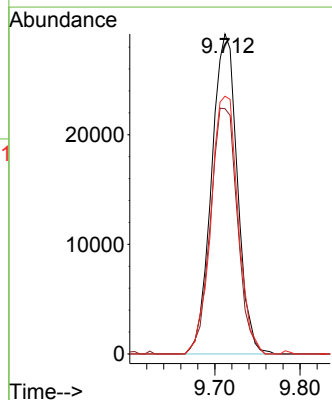
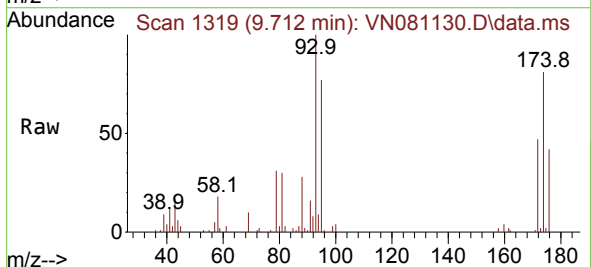
Instrument :
MSVOA_N
ClientSampleId :

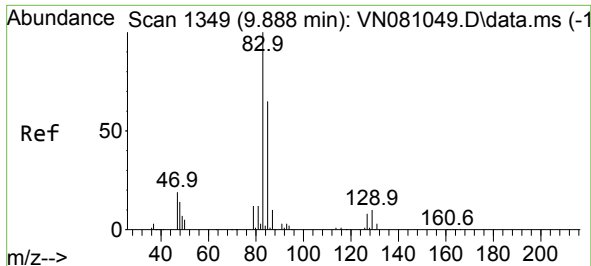
Tgt Ion: 63 Resp: 87830
Ion Ratio Lower Upper
63 100
65 35.6 26.1 39.1



#46
Dibromomethane
Concen: 19.330 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 93 Resp: 61416
Ion Ratio Lower Upper
93 100
95 79.9 68.1 102.1
174 84.2 57.2 85.8

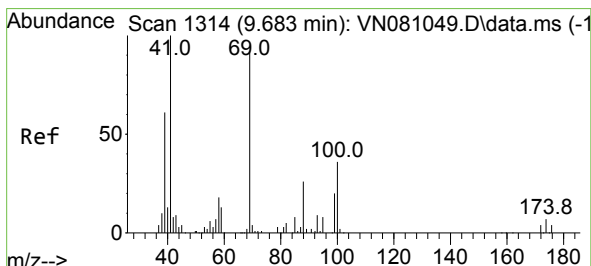
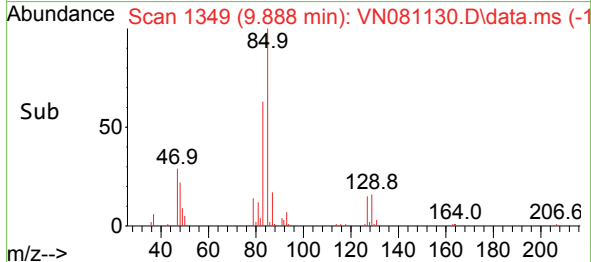
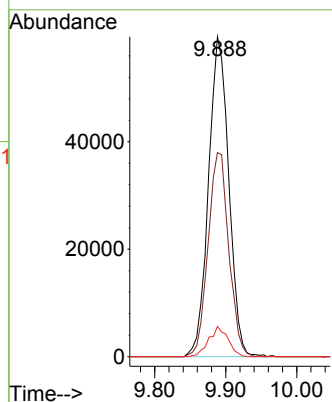
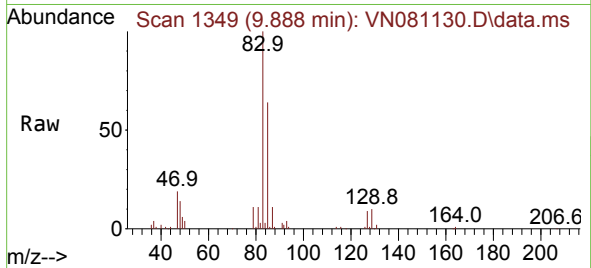




#47
Bromodichloromethane
Concen: 19.656 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

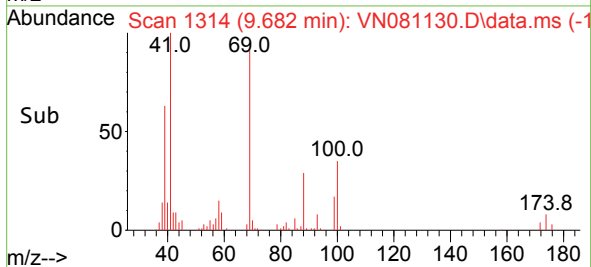
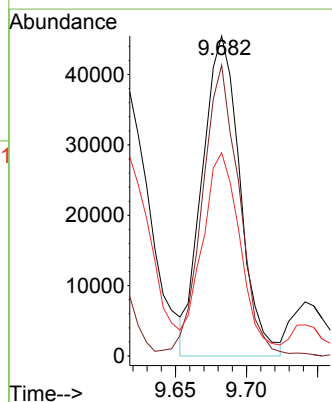
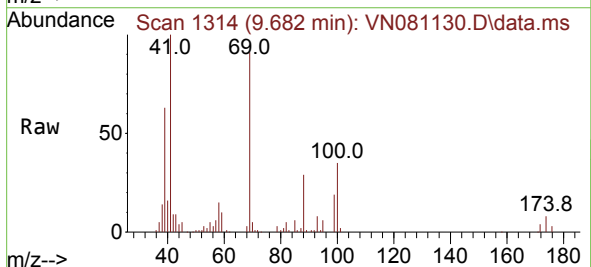
Instrument :
MSVOA_N
ClientSampleId :

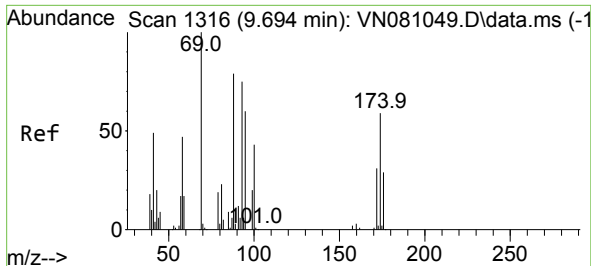
Tgt Ion: 83 Resp: 118277
Ion Ratio Lower Upper
83 100
85 63.8 52.3 78.5
127 9.5 4.6 7.0#



#48
Methyl methacrylate
Concen: 18.949 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 41 Resp: 83818
Ion Ratio Lower Upper
41 100
69 89.3 62.2 93.2
39 64.9 47.6 71.4





#49

1,4-Dioxane

Concen: 407.902 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

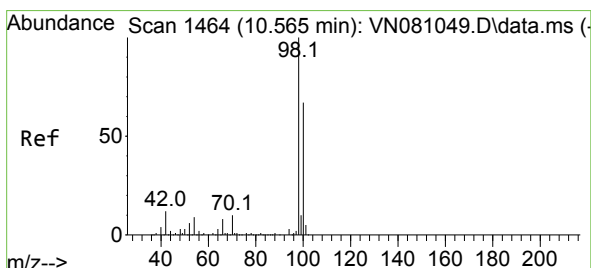
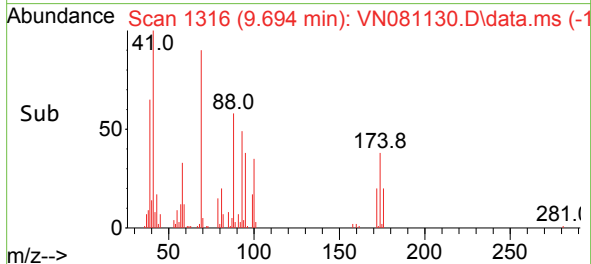
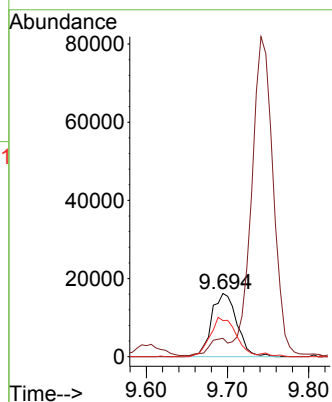
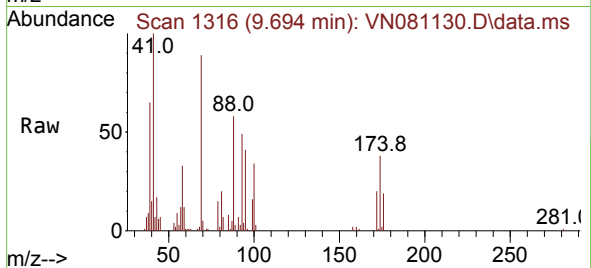
Tgt Ion: 88 Resp: 35127

Ion Ratio Lower Upper

88 100

43 21.9 30.1 45.1#

58 62.9 63.9 95.9#



#50

Toluene-d8

Concen: 46.166 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN081130.D

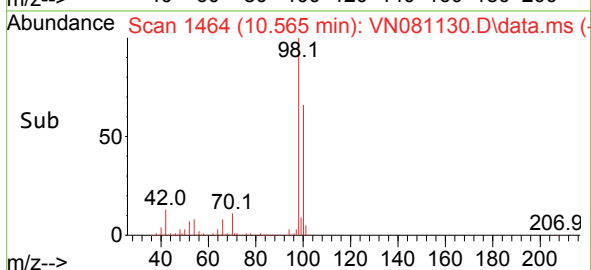
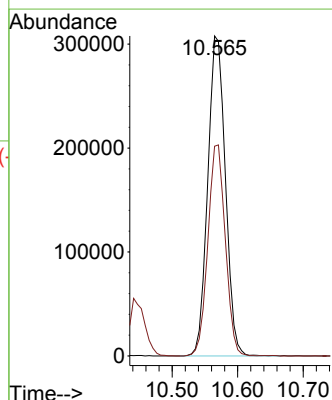
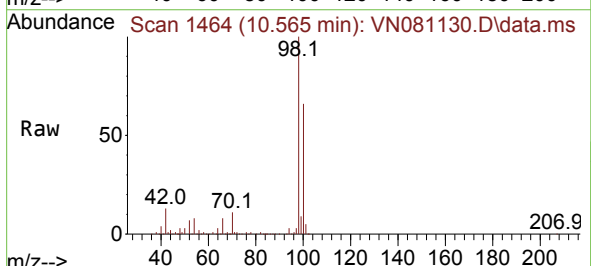
Acq: 22 Feb 2024 13:12

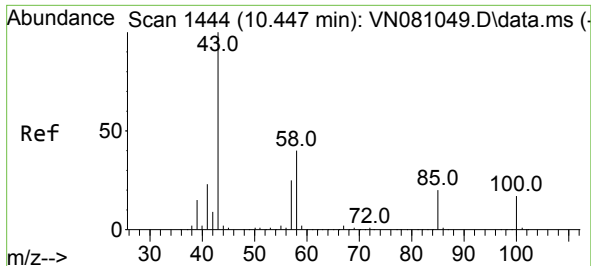
Tgt Ion: 98 Resp: 576421

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

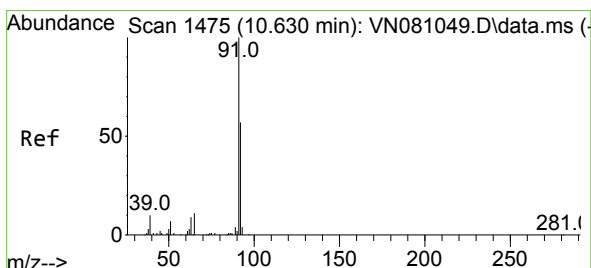
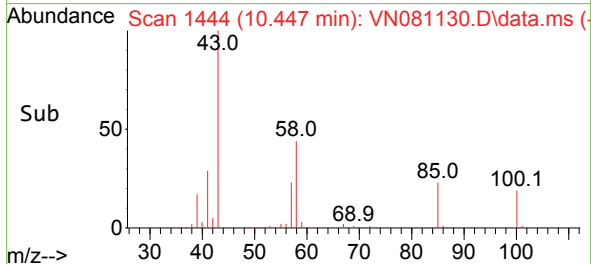
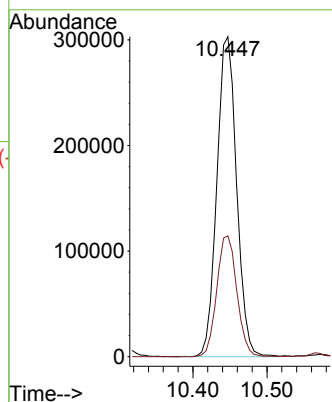
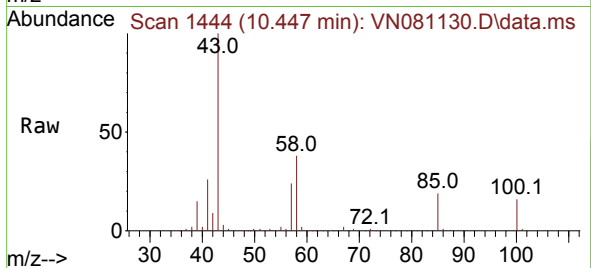




#51
4-Methyl-2-Pentanone
Concen: 102.433 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

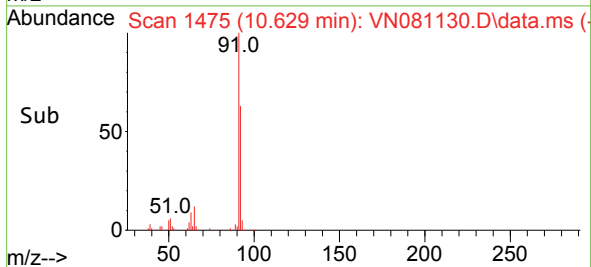
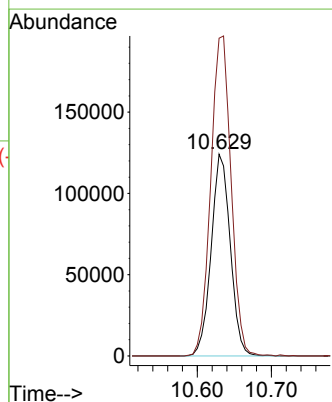
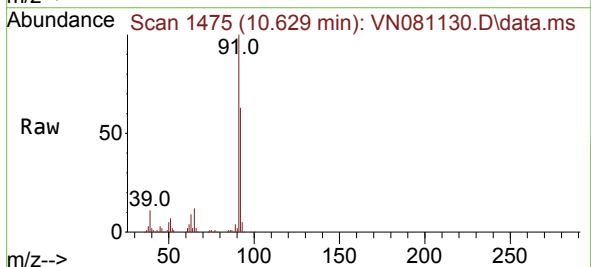
Instrument :
MSVOA_N
ClientSampleId :

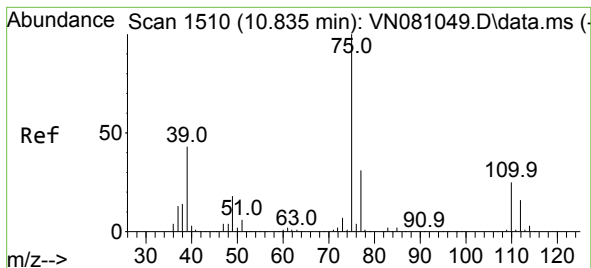
Tgt Ion: 43 Resp: 560158
Ion Ratio Lower Upper
43 100
58 38.4 29.4 44.0



#52
Toluene
Concen: 20.110 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 92 Resp: 221935
Ion Ratio Lower Upper
92 100
91 168.9 139.4 209.0

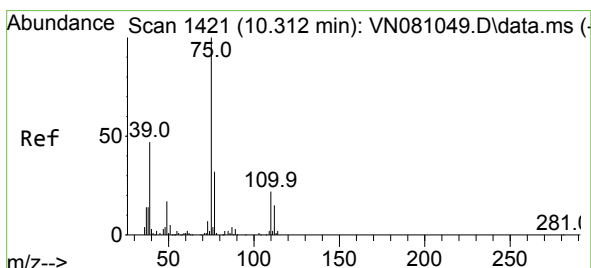
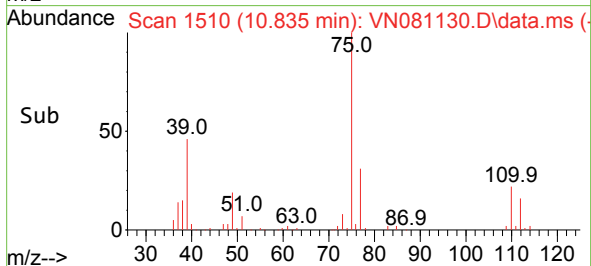
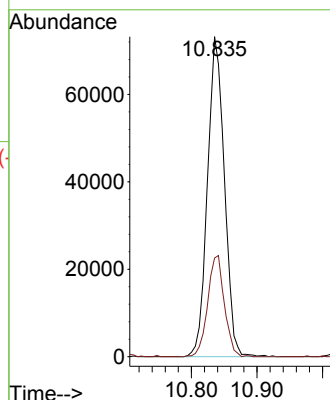
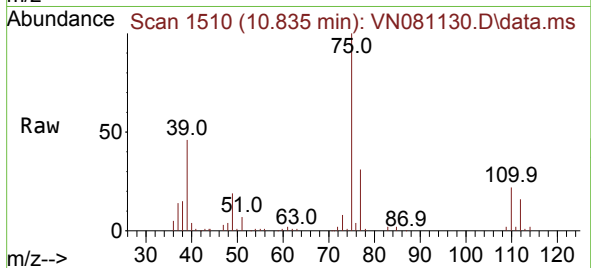




#53
 t-1,3-Dichloropropene
 Concen: 19.676 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

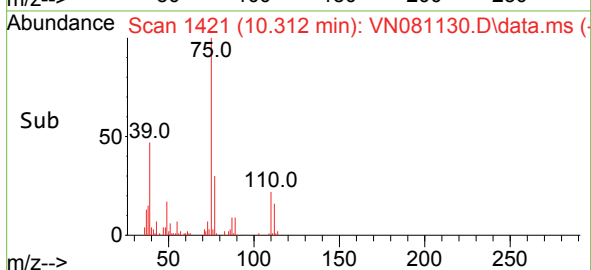
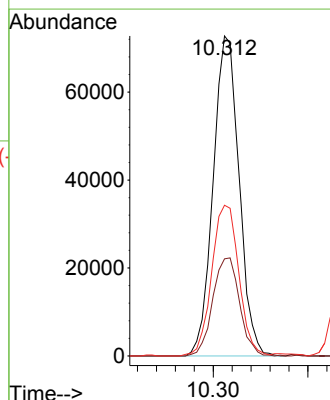
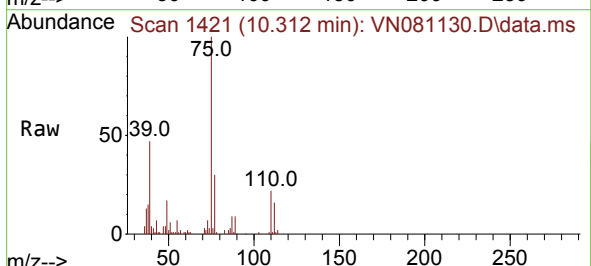
Instrument :
 MSVOA_N
 ClientSampleId :

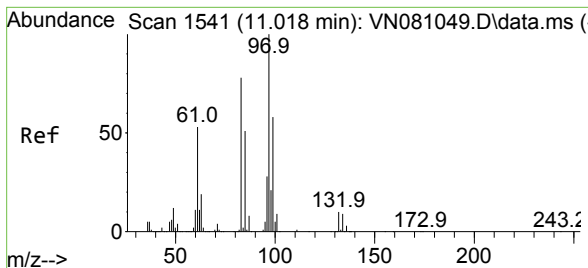
Tgt Ion: 75 Resp: 131573
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.138 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Tgt Ion: 75 Resp: 138268
 Ion Ratio Lower Upper
 75 100
 77 30.3 23.3 34.9
 39 46.8 44.6 66.8

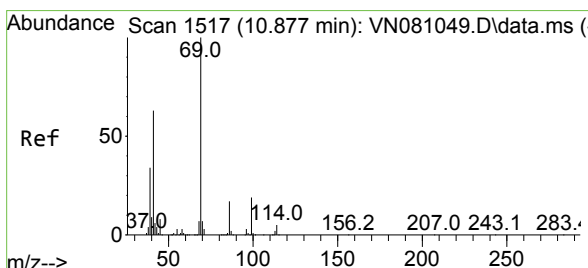
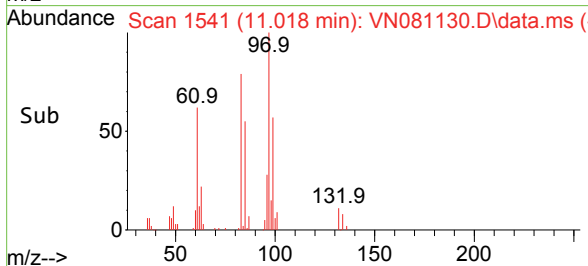
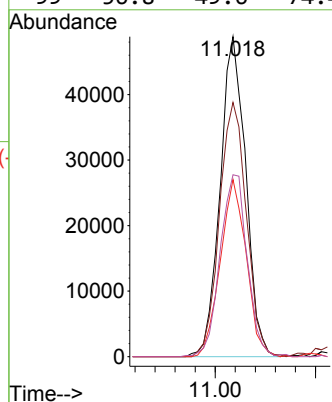
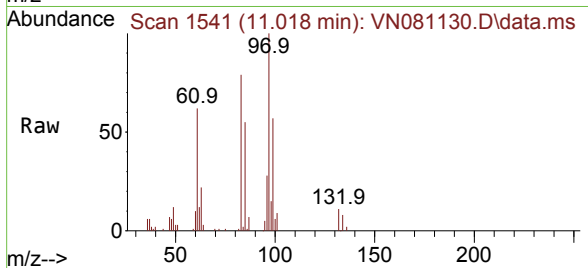




#55
1,1,2-Trichloroethane
Concen: 20.307 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

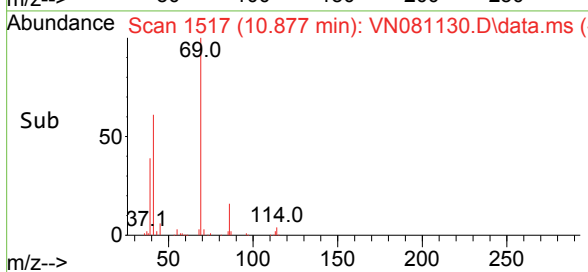
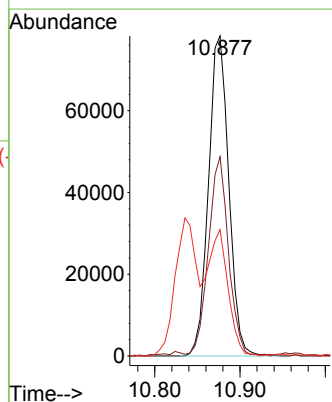
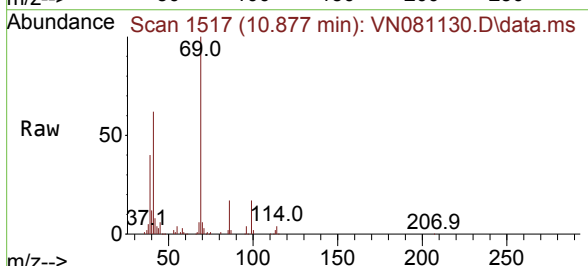
Instrument :
MSVOA_N
ClientSampleId :

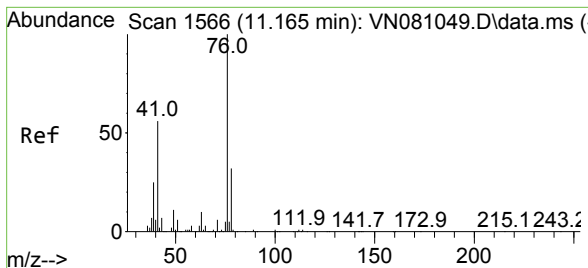
Tgt Ion:	97	Resp:	86196
Ion	Ratio	Lower	Upper
97	100		
83	79.5	72.9	109.3
85	55.4	50.2	75.2
99	56.8	49.6	74.4



#56
Ethyl methacrylate
Concen: 19.934 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:	69	Resp:	129318
Ion	Ratio	Lower	Upper
69	100		
41	61.9	61.0	91.6
39	35.1	31.8	47.6

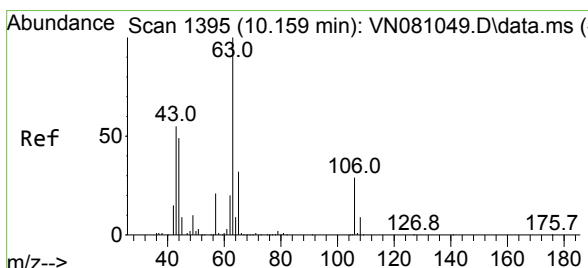
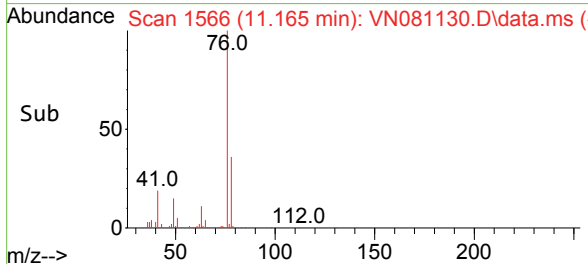
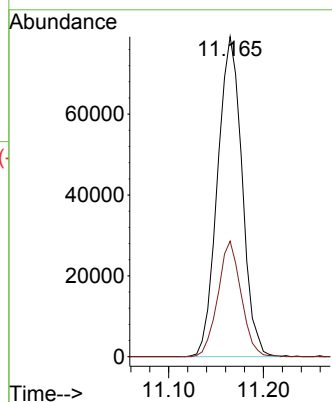
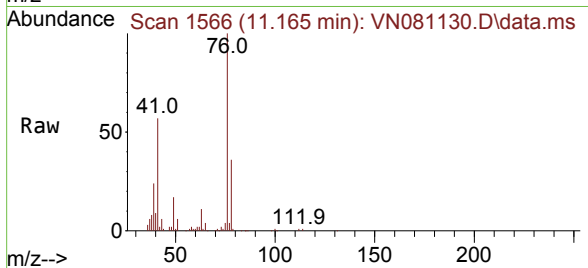




#57
1,3-Dichloropropane
Concen: 19.397 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

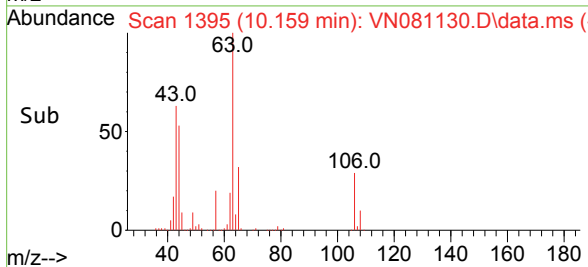
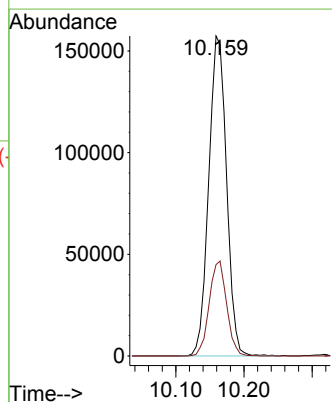
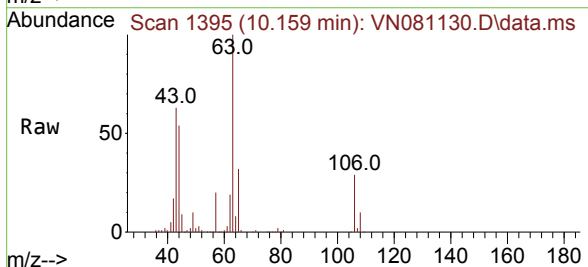
Instrument :
MSVOA_N
ClientSampleId :

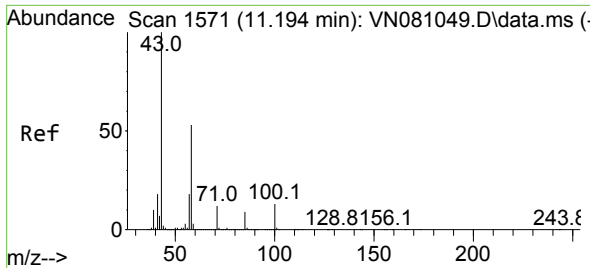
Tgt Ion: 76 Resp: 142363
Ion Ratio Lower Upper
76 100
78 34.3 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 87.922 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 63 Resp: 286179
Ion Ratio Lower Upper
63 100
106 29.0 18.6 28.0#

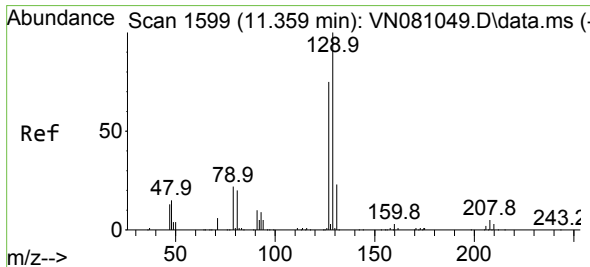
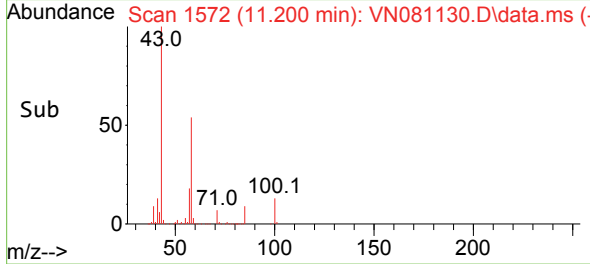
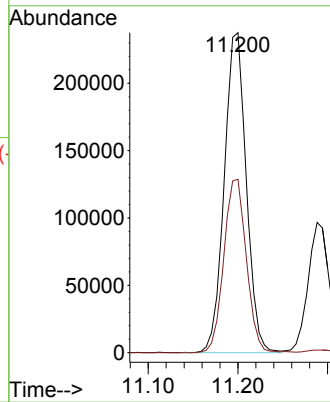
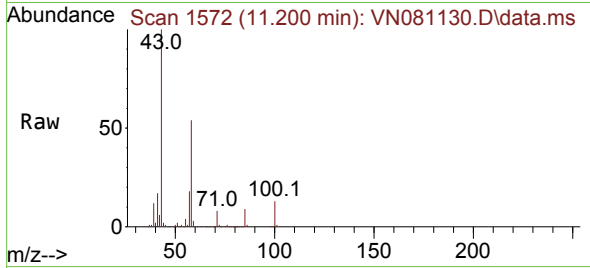




#59
2-Hexanone
Concen: 93.397 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

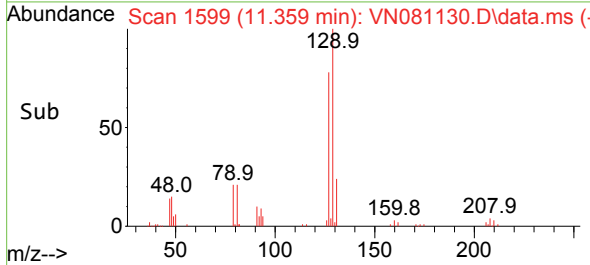
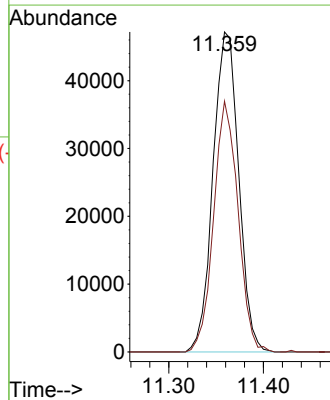
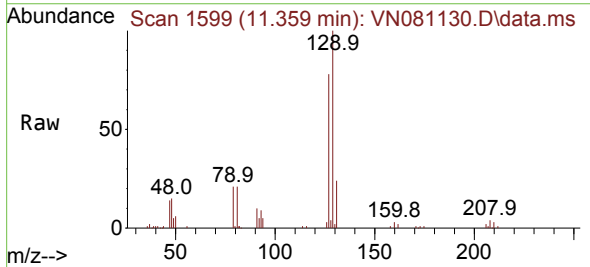
Instrument :
MSVOA_N
ClientSampleId :

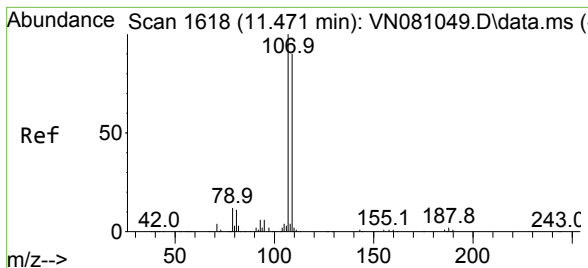
Tgt Ion: 43 Resp: 404920
Ion Ratio Lower Upper
43 100
58 55.5 25.9 77.8



#60
Dibromochloromethane
Concen: 19.723 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:129 Resp: 88938
Ion Ratio Lower Upper
129 100
127 74.4 39.4 118.2

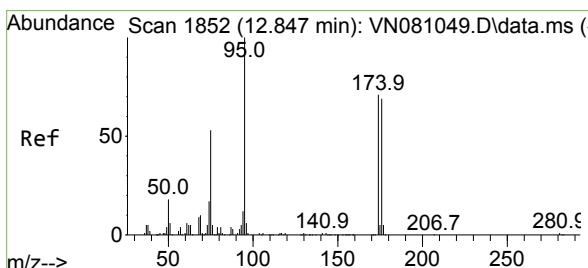
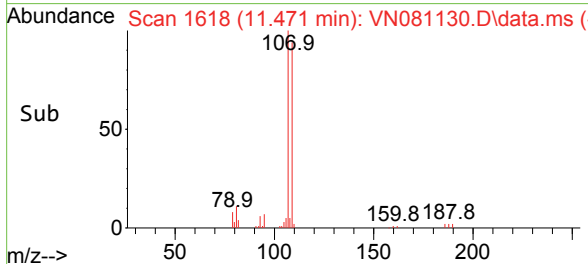
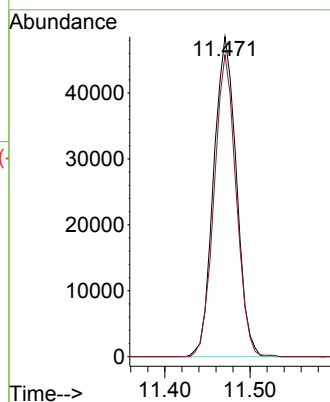
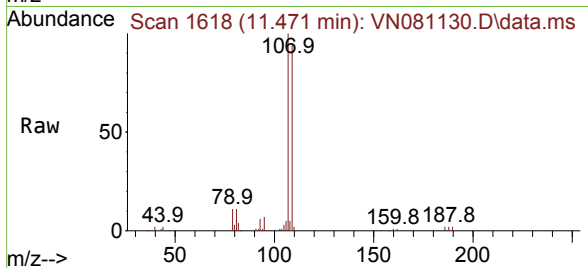




#61
1,2-Dibromoethane
Concen: 20.134 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

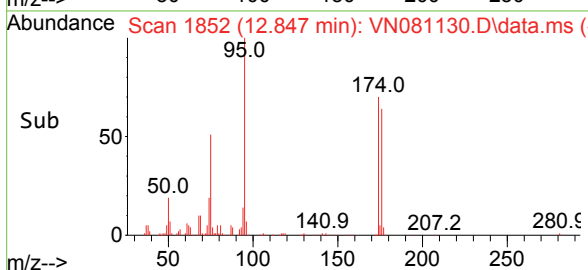
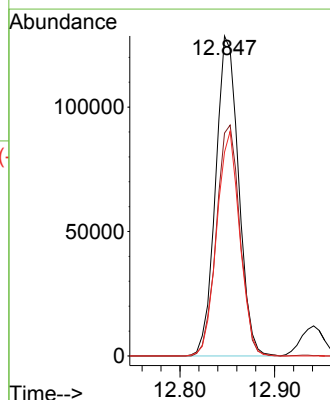
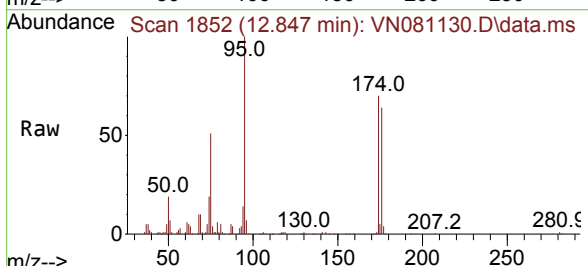
Instrument :
MSVOA_N
ClientSampleId :

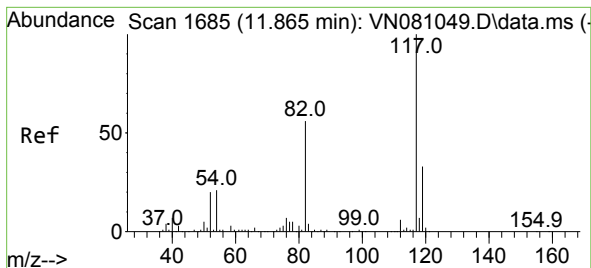
Tgt Ion:107 Resp: 89868
Ion Ratio Lower Upper
107 100
109 91.5 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 46.216 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 95 Resp: 216827
Ion Ratio Lower Upper
95 100
174 74.1 0.0 120.4
176 70.3 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

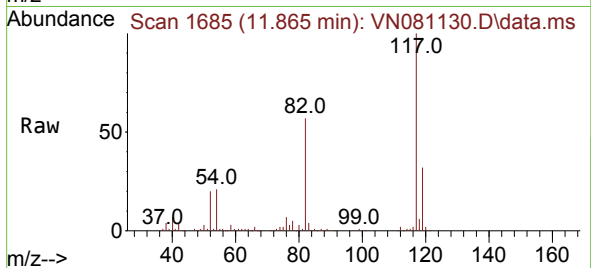
Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :



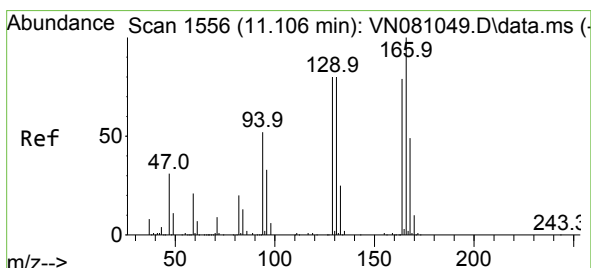
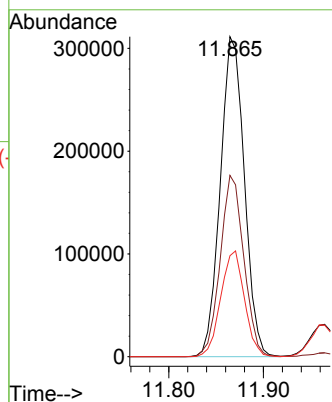
Tgt Ion:117 Resp: 549541

Ion Ratio Lower Upper

117 100

82 56.7 52.7 79.1

119 31.6 25.3 37.9



#64

Tetrachloroethene

Concen: 20.889 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion:164 Resp: 78346

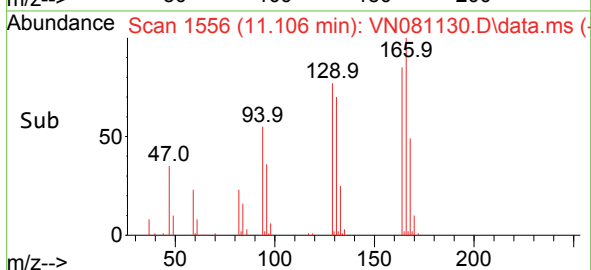
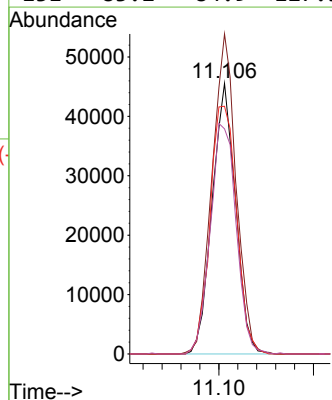
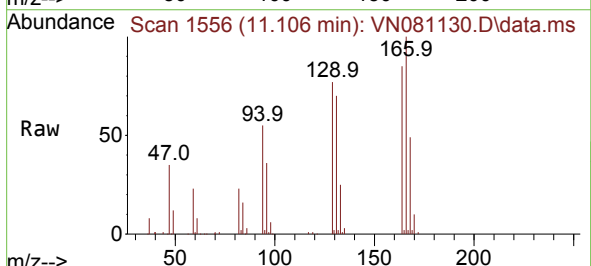
Ion Ratio Lower Upper

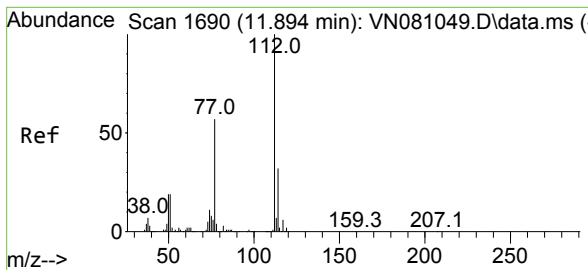
164 100

166 118.3 105.8 158.6

129 91.6 89.6 134.4

131 83.2 84.9 127.3#

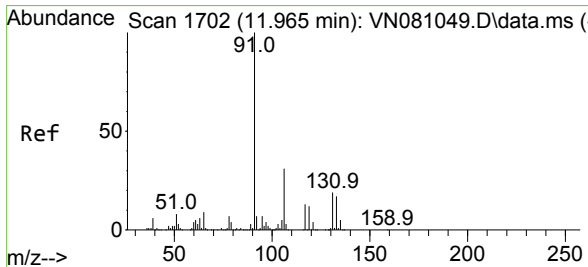
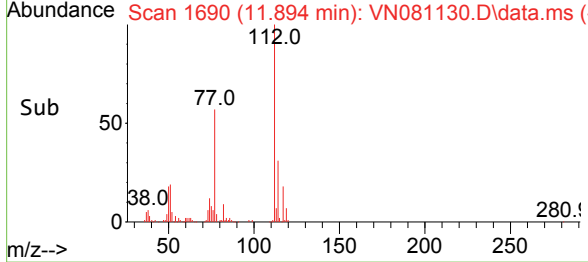
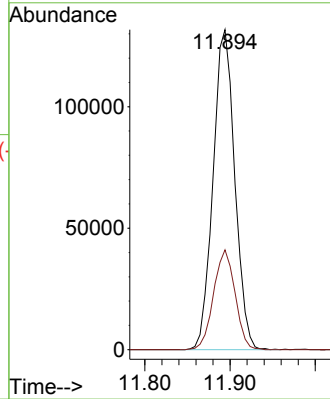
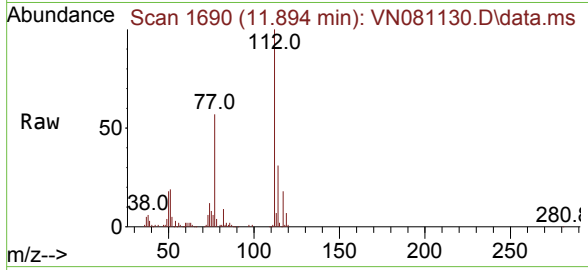




#65
Chlorobenzene
Concen: 19.576 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

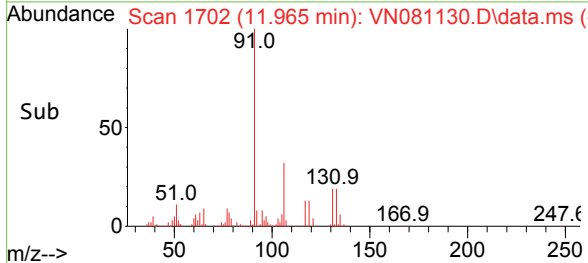
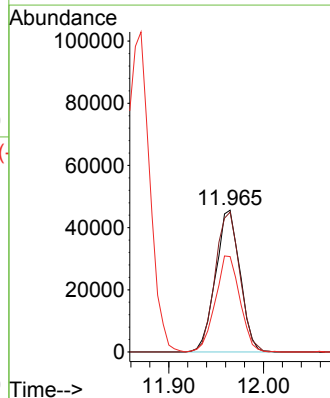
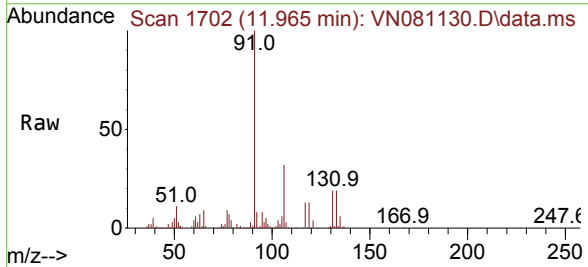
Instrument :
MSVOA_N
ClientSampleId :

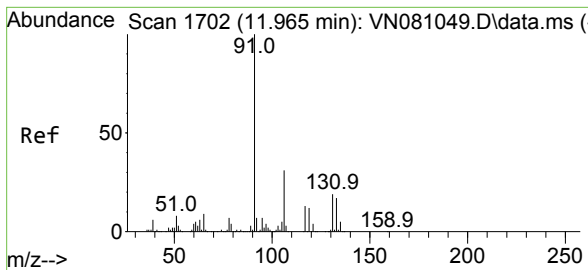
Tgt Ion:112 Resp: 232826
Ion Ratio Lower Upper
112 100
114 31.2 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.147 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:131 Resp: 81795
Ion Ratio Lower Upper
131 100
133 100.4 46.8 140.3
119 68.2 34.6 103.9

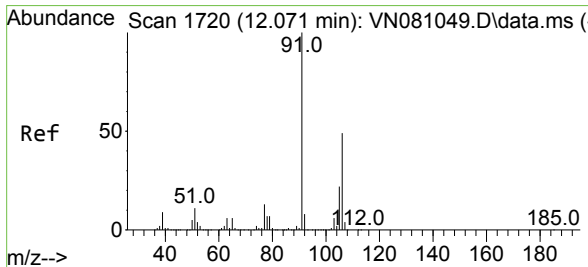
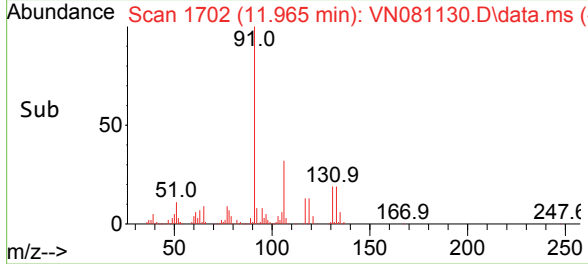
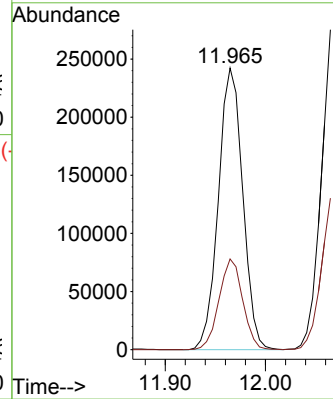
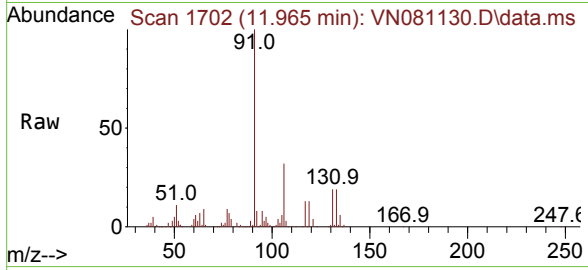




#67
Ethyl Benzene
Concen: 19.200 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

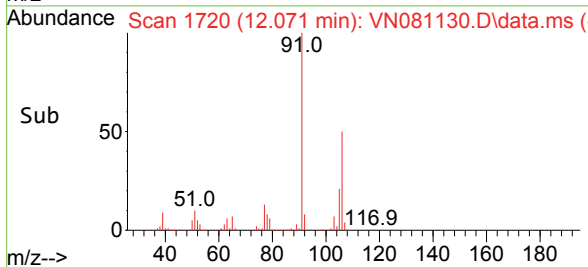
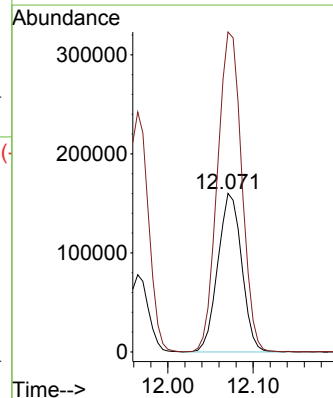
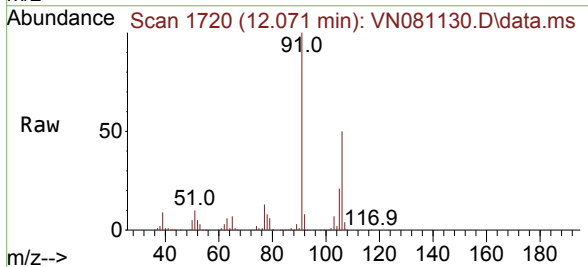
Instrument :
MSVOA_N
ClientSampleId :

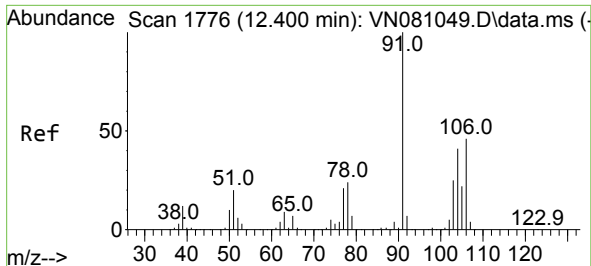
Tgt Ion: 91 Resp: 408637
Ion Ratio Lower Upper
91 100
106 32.2 23.8 35.6



#68
m/p-Xylenes
Concen: 38.197 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:106 Resp: 311602
Ion Ratio Lower Upper
106 100
91 205.5 169.0 253.6

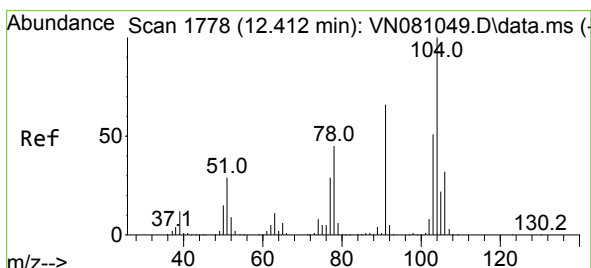
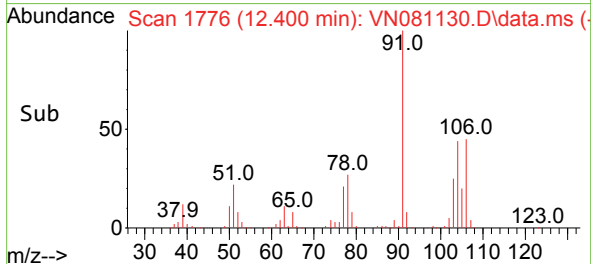
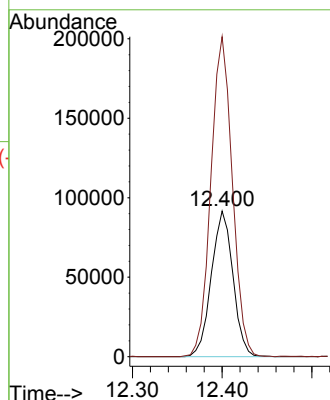
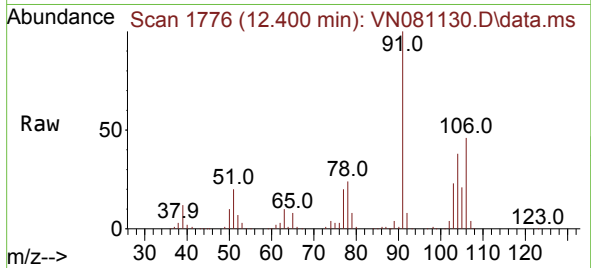




#69
o-Xylene
Concen: 18.951 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

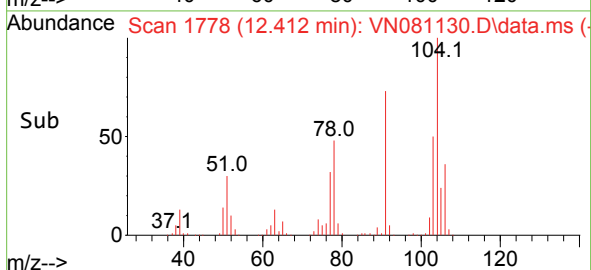
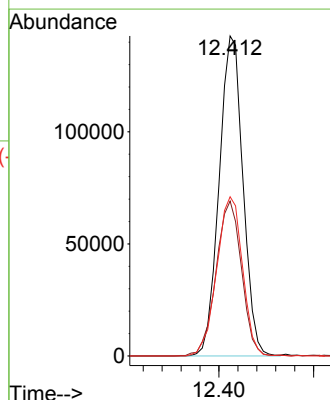
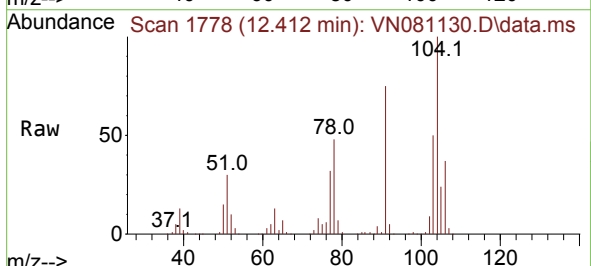
Instrument :
MSVOA_N
ClientSampleId :

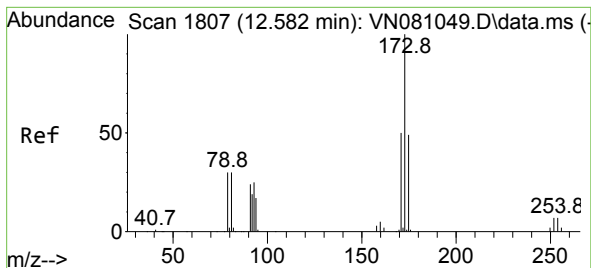
Tgt Ion:106 Resp: 153245
Ion Ratio Lower Upper
106 100
91 218.1 112.1 336.3



#70
Styrene
Concen: 19.479 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:104 Resp: 249600
Ion Ratio Lower Upper
104 100
78 51.7 43.8 65.8
103 53.8 44.2 66.2





#71

Bromoform

Concen: 20.012 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN081130.D

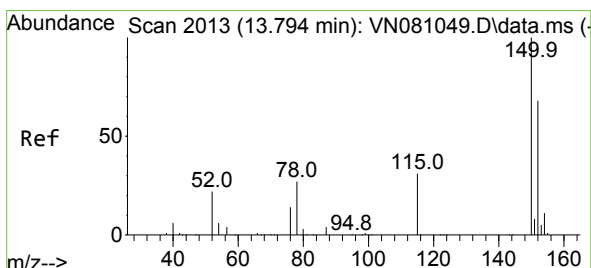
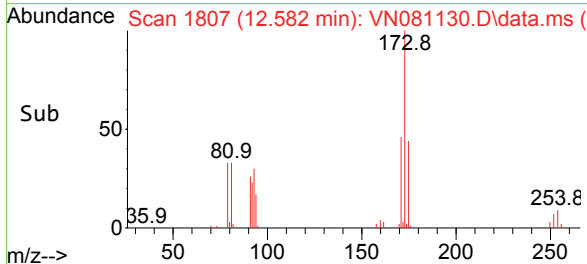
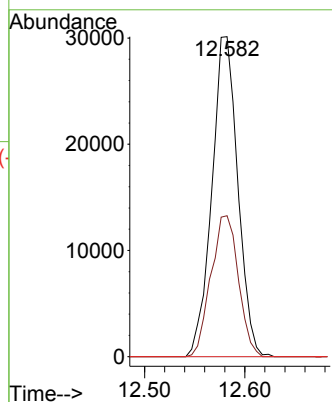
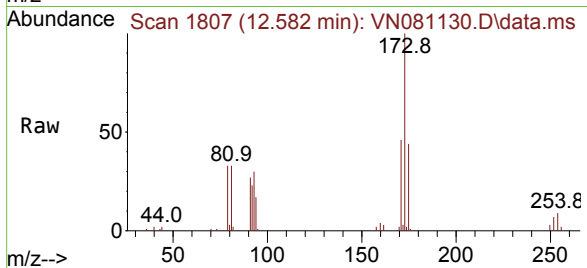
Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:173	Resp:	54239
Ion Ratio	Lower	Upper
173	100	
175	46.6	23.1 69.2
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

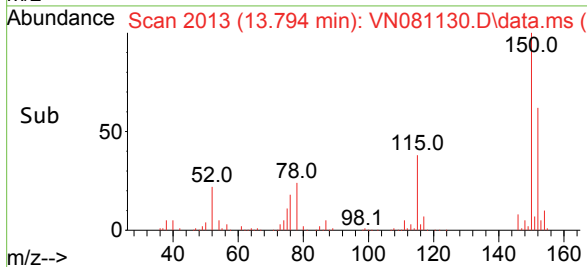
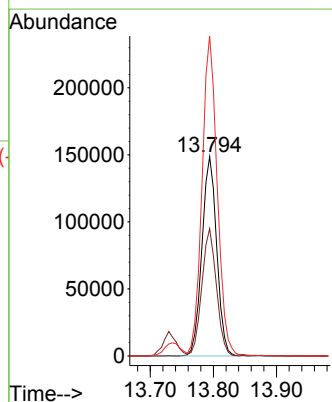
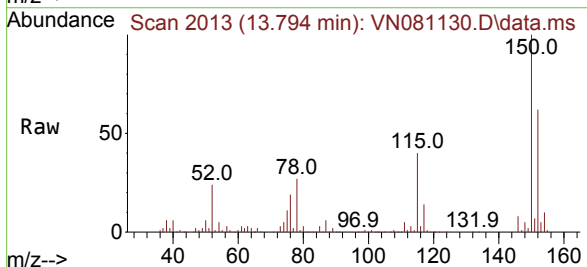
RT: 13.794 min Scan# 2013

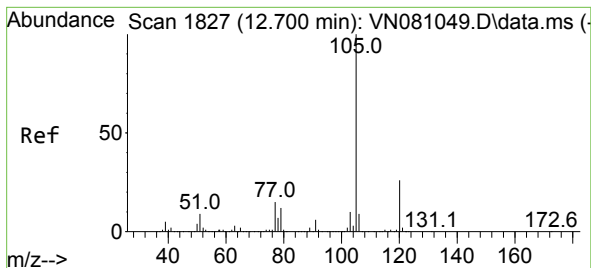
Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion:152	Resp:	242685
Ion Ratio	Lower	Upper
152	100	
115	62.7	32.3 96.8
150	164.5	0.0 339.8





#73

Isopropylbenzene

Concen: 18.949 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

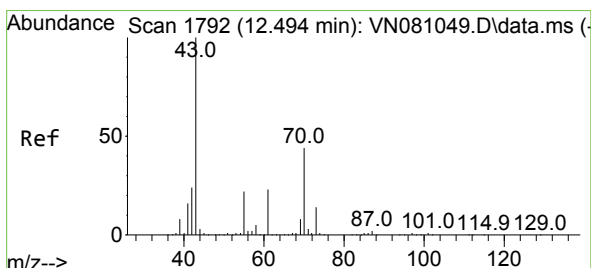
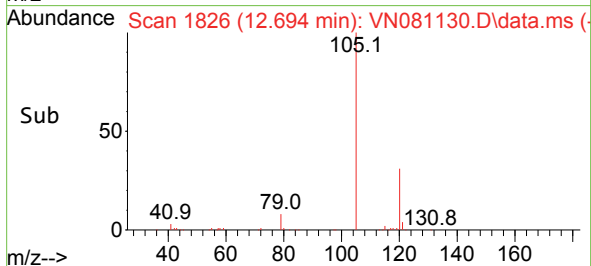
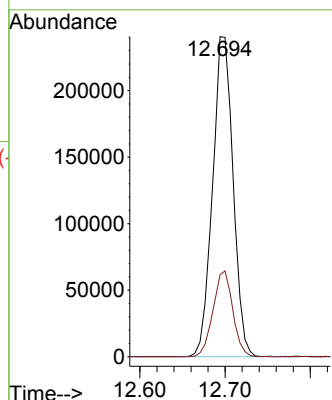
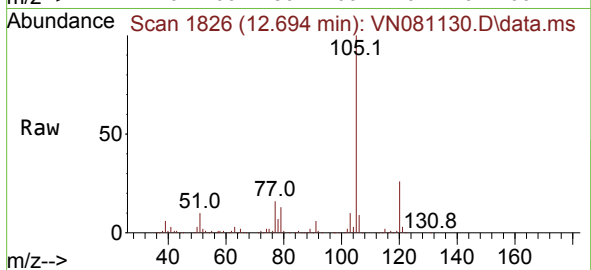
ClientSampleId :

Tgt Ion:105 Resp: 402359

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.6



#74

N-ethyl acetate

Concen: 18.195 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion: 43 Resp: 163281

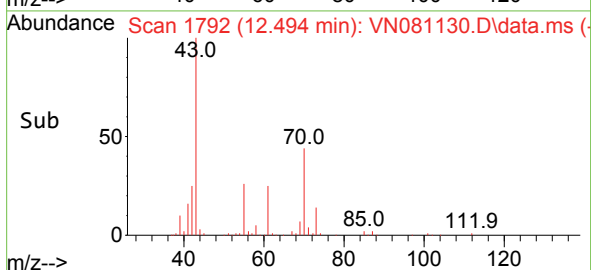
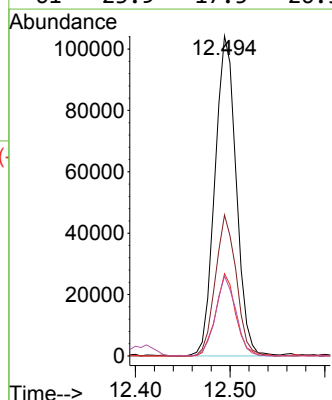
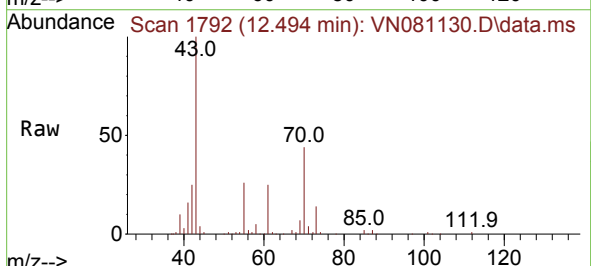
Ion Ratio Lower Upper

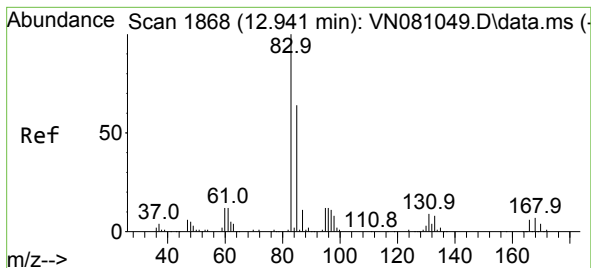
43 100

70 43.4 30.1 45.1

55 24.2 17.0 25.4

61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.397 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

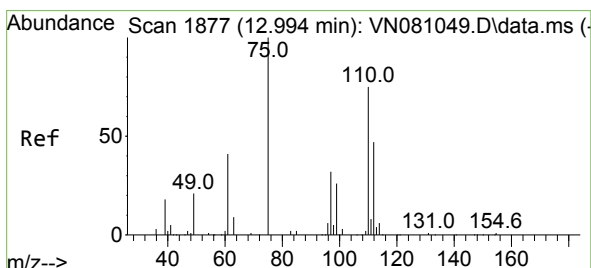
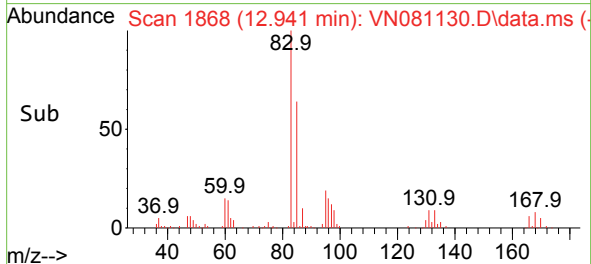
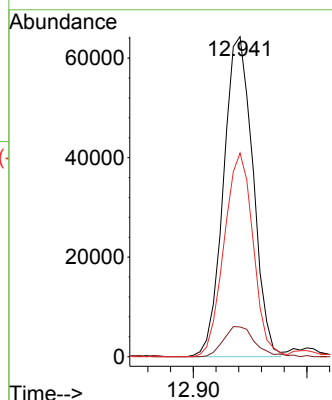
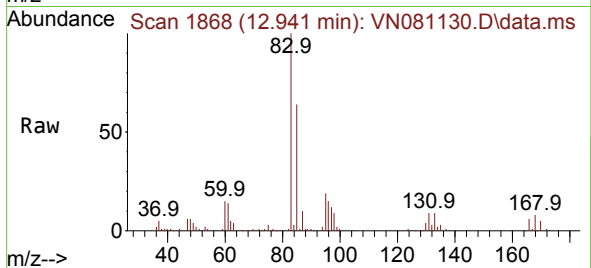
Tgt Ion: 83 Resp: 115813

Ion Ratio Lower Upper

83 100

131 10.1 4.1 12.3

85 62.7 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 27.199 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN081130.D

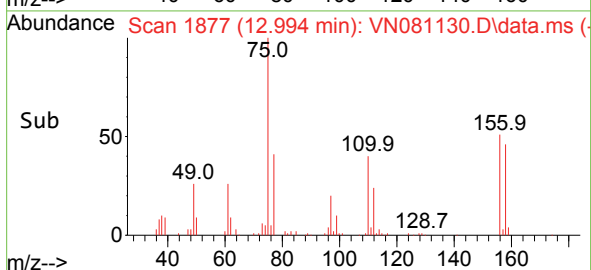
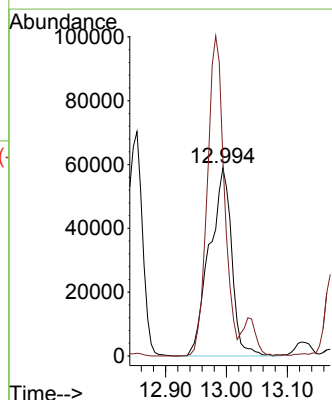
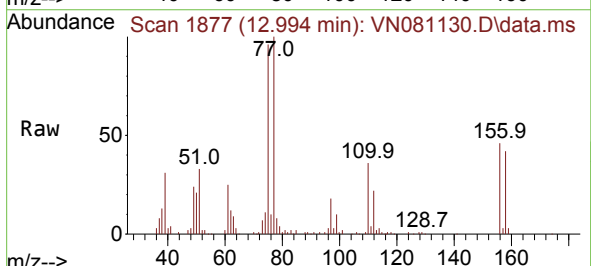
Acq: 22 Feb 2024 13:12

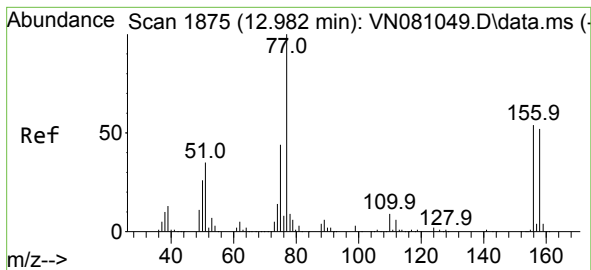
Tgt Ion: 75 Resp: 149975

Ion Ratio Lower Upper

75 100

77 129.2 91.0 272.8





#77

Bromobenzene

Concen: 18.222 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

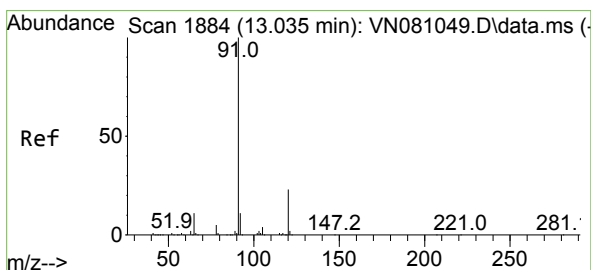
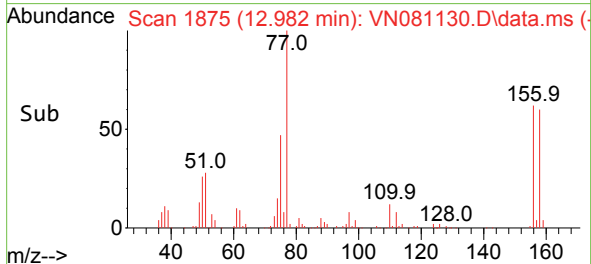
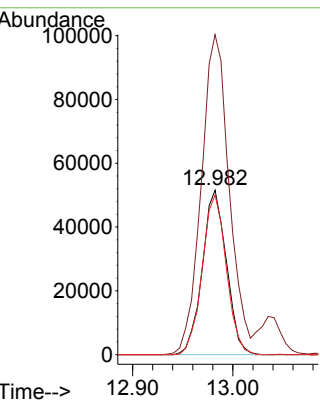
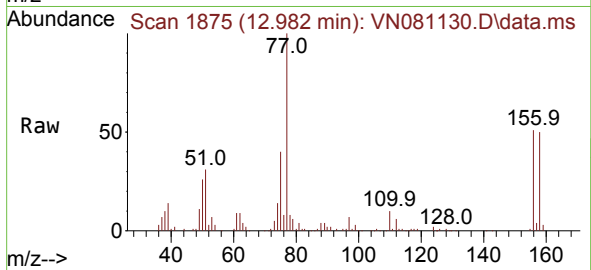
Tgt Ion:156 Resp: 86270

Ion Ratio Lower Upper

156 100

77 224.6 138.1 414.3

158 96.7 46.5 139.5



#78

n-propylbenzene

Concen: 19.274 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081130.D

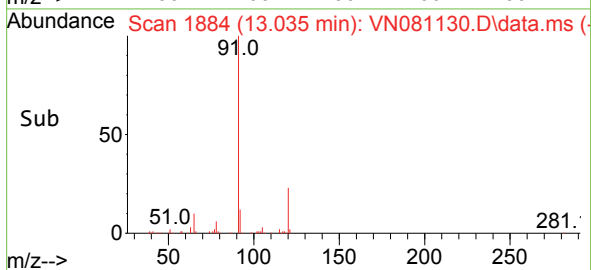
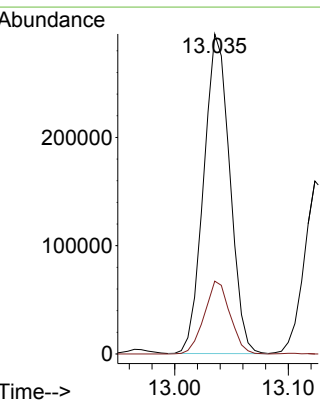
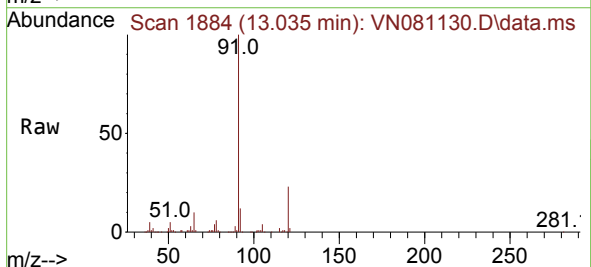
Acq: 22 Feb 2024 13:12

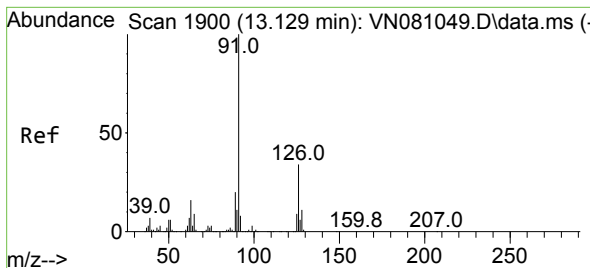
Tgt Ion: 91 Resp: 471122

Ion Ratio Lower Upper

91 100

120 22.4 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.524 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

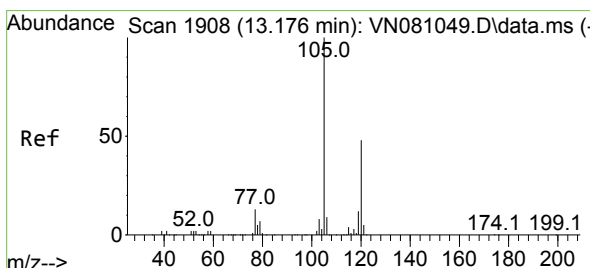
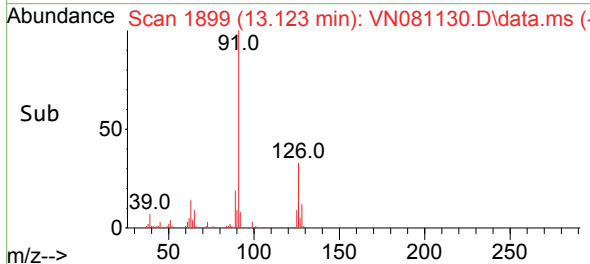
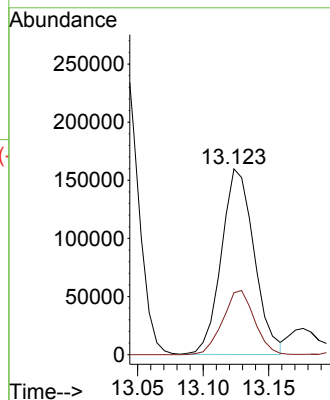
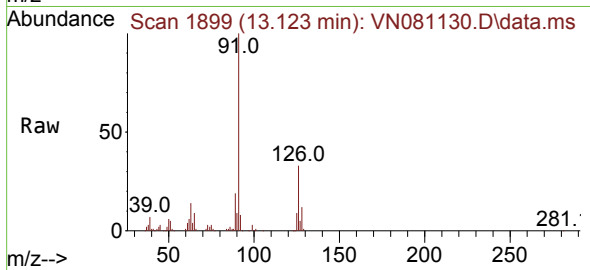
ClientSampleId :

Tgt Ion: 91 Resp: 277734

Ion Ratio Lower Upper

91 100

126 33.5 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 19.201 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081130.D

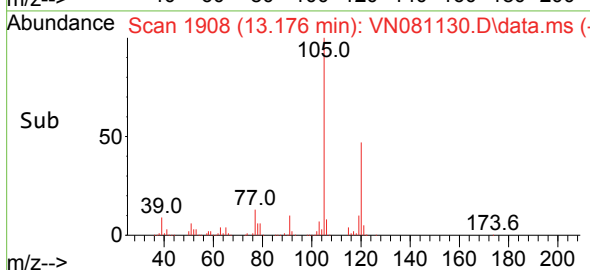
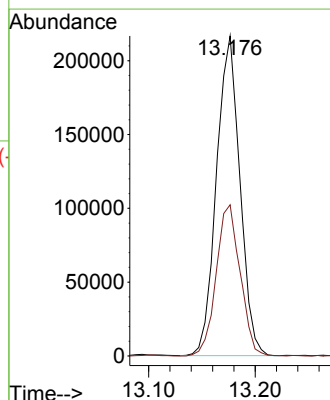
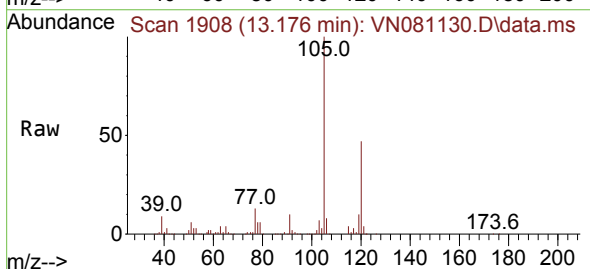
Acq: 22 Feb 2024 13:12

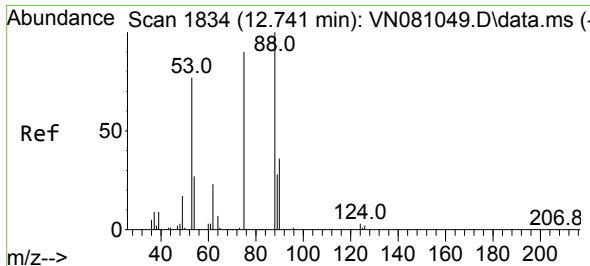
Tgt Ion: 105 Resp: 330560

Ion Ratio Lower Upper

105 100

120 48.3 23.0 69.0

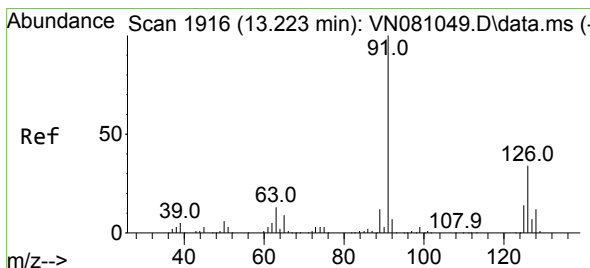
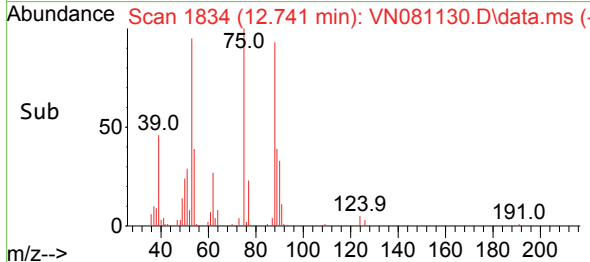
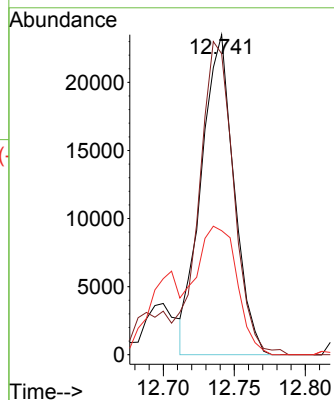
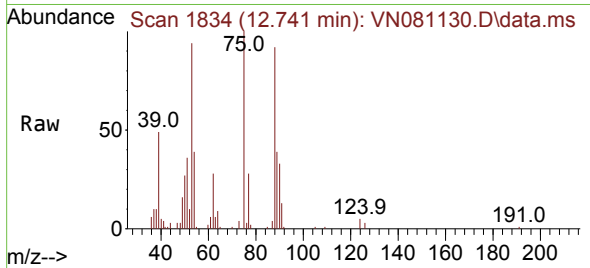




#81
trans-1,4-Dichloro-2-butene
Concen: 17.557 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

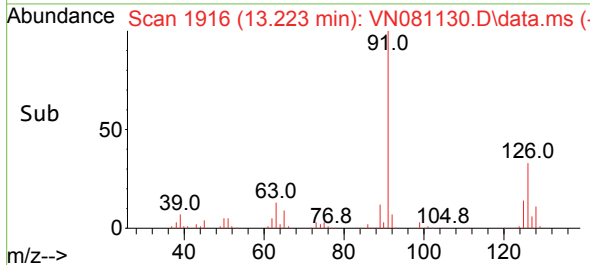
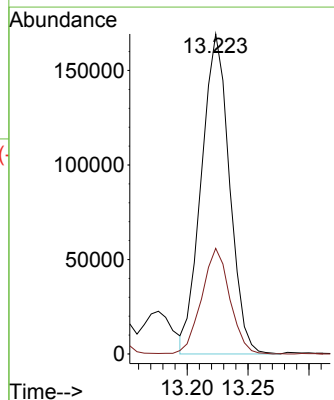
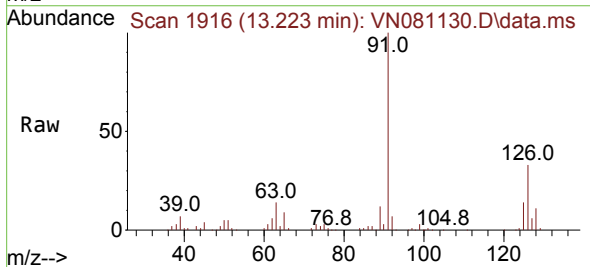
Instrument :
MSVOA_N
ClientSampleId :

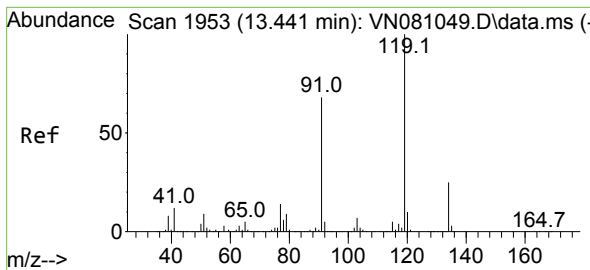
Tgt Ion: 75 Resp: 37611
Ion Ratio Lower Upper
75 100
53 103.3 71.4 107.2
89 51.2 33.4 50.0#



#82
4-Chlorotoluene
Concen: 18.589 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion: 91 Resp: 272510
Ion Ratio Lower Upper
91 100
126 33.1 15.3 45.9

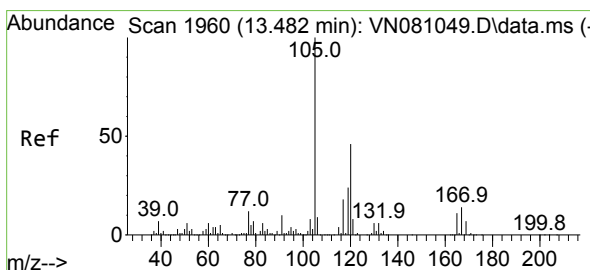
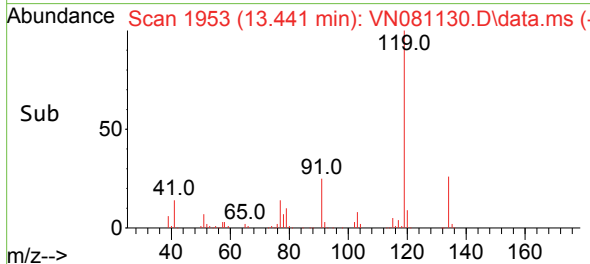
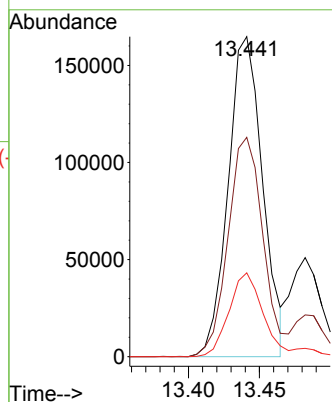
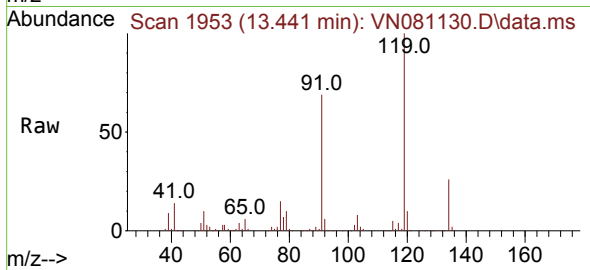




#83
tert-Butylbenzene
Concen: 18.694 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

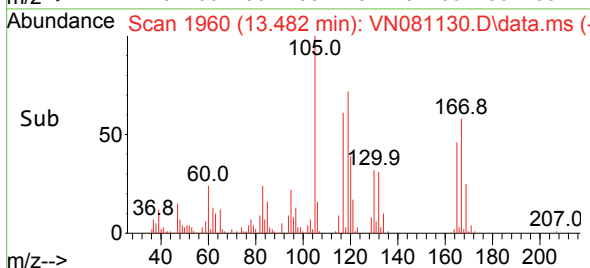
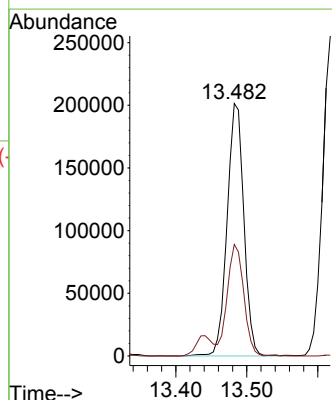
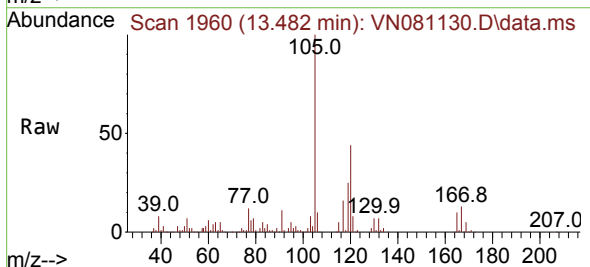
Instrument :
MSVOA_N
ClientSampleId :

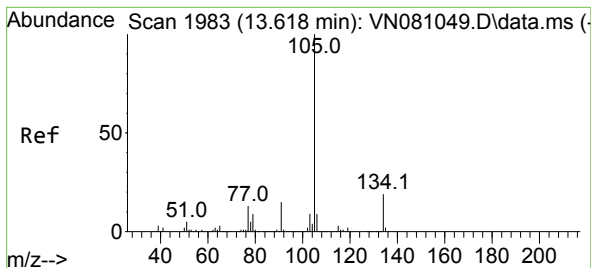
Tgt Ion:119 Resp: 278285
Ion Ratio Lower Upper
119 100
91 70.3 36.8 110.4
134 27.5 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.212 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:105 Resp: 329584
Ion Ratio Lower Upper
105 100
120 43.2 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.770 ug/l

RT: 13.618 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

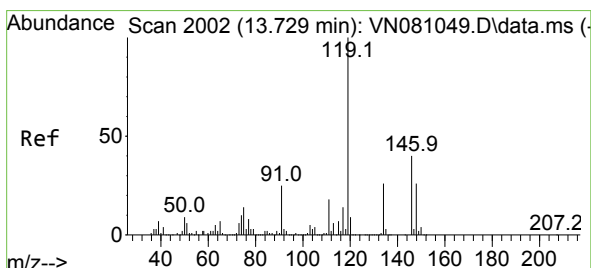
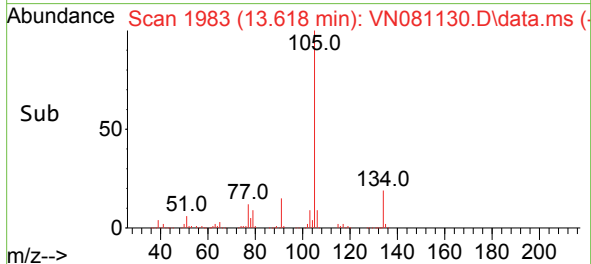
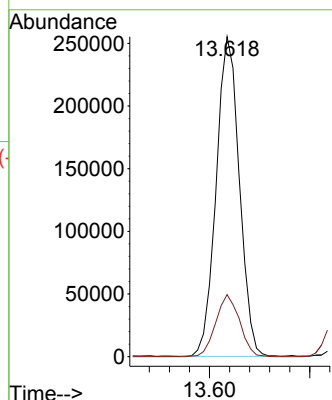
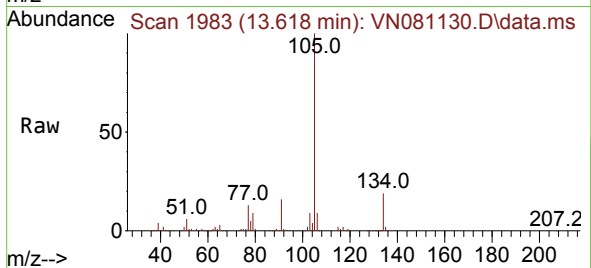
ClientSampleId :

Tgt Ion:105 Resp: 409132

Ion Ratio Lower Upper

105 100

134 19.9 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.444 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

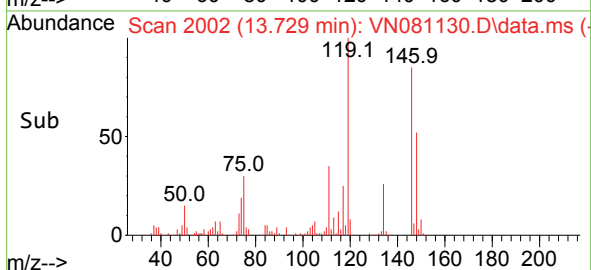
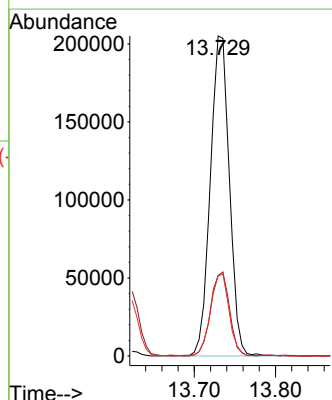
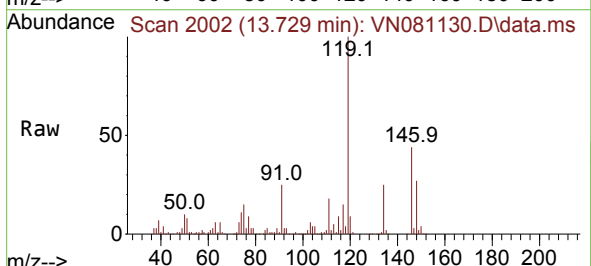
Tgt Ion:119 Resp: 334228

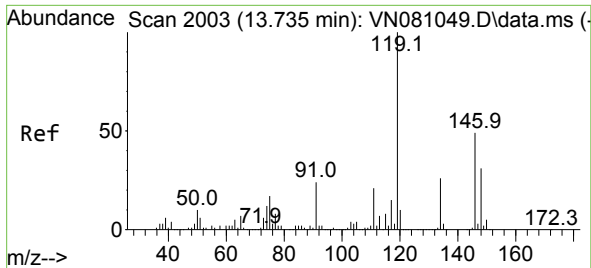
Ion Ratio Lower Upper

119 100

134 26.1 12.4 37.2

91 25.1 13.5 40.4

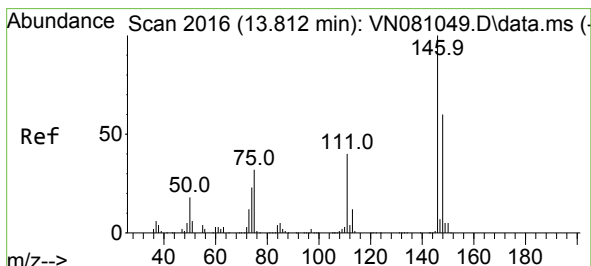
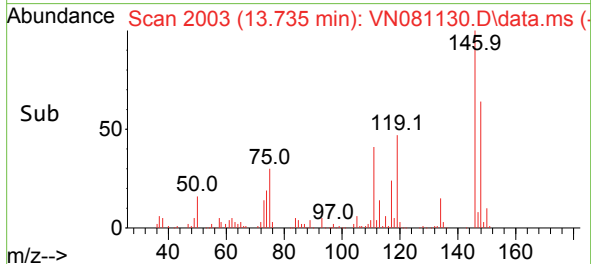
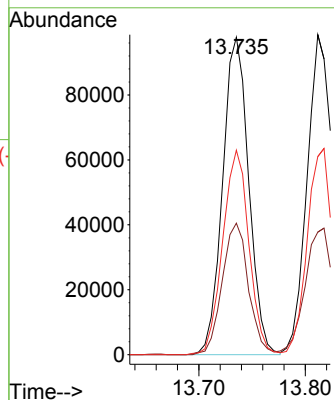
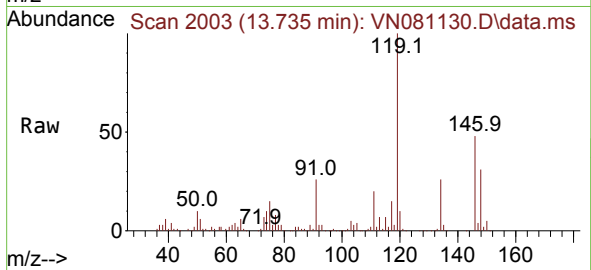




#87
1,3-Dichlorobenzene
Concen: 18.583 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

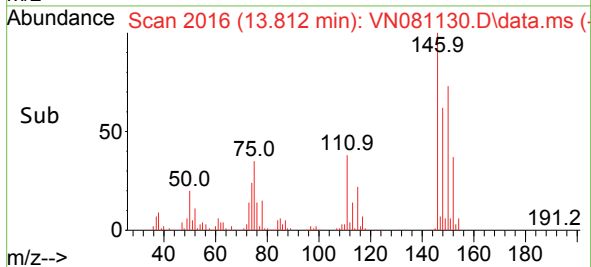
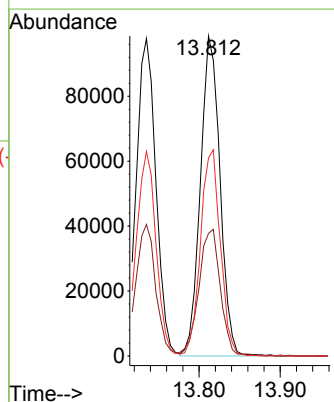
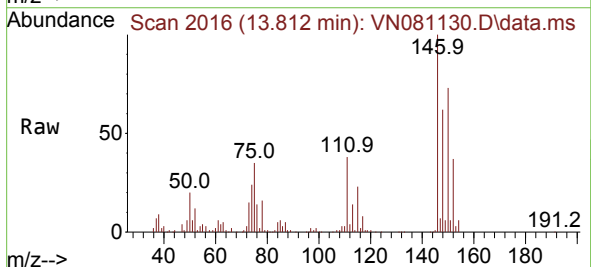
Instrument :
MSVOA_N
ClientSampleId :

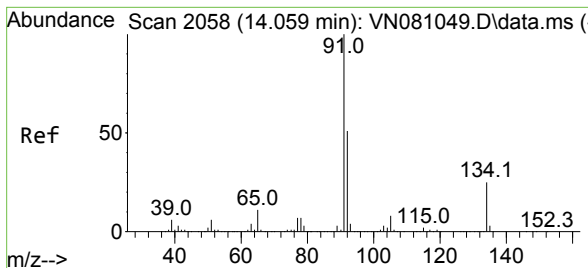
Tgt Ion:146 Resp: 166230
Ion Ratio Lower Upper
146 100
111 41.6 23.9 71.7
148 64.7 32.6 97.7



#88
1,4-Dichlorobenzene
Concen: 18.825 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

Tgt Ion:146 Resp: 165469
Ion Ratio Lower Upper
146 100
111 43.7 22.6 67.7
148 65.0 31.9 95.5





#89

n-Butylbenzene

Concen: 19.231 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

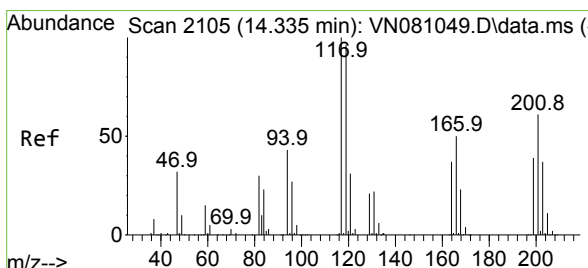
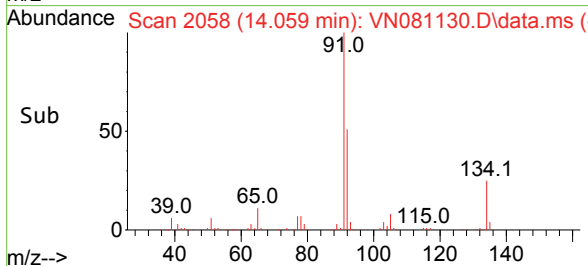
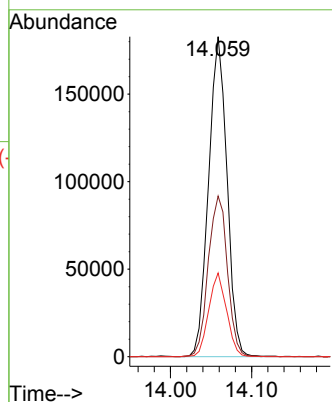
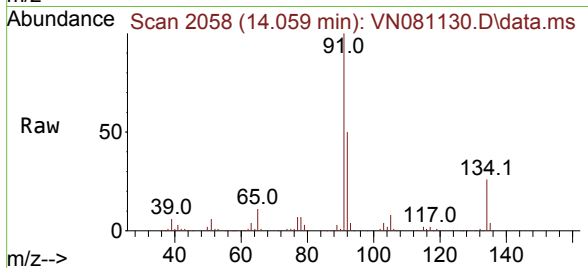
Tgt Ion: 91 Resp: 287993

Ion Ratio Lower Upper

91 100

92 52.2 26.7 80.1

134 25.3 10.8 32.4



#90

Hexachloroethane

Concen: 19.139 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN081130.D

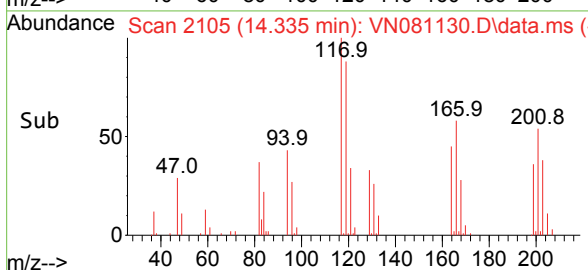
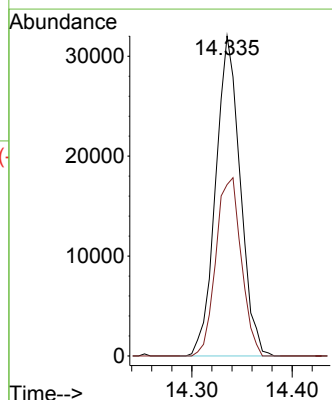
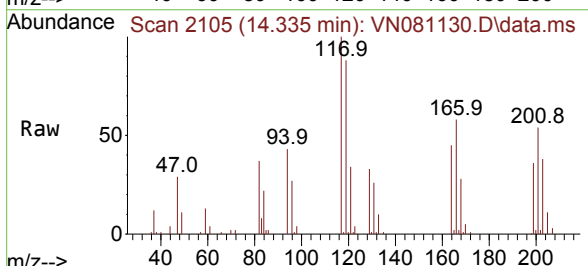
Acq: 22 Feb 2024 13:12

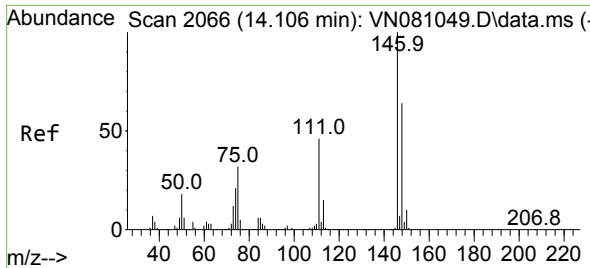
Tgt Ion: 117 Resp: 54380

Ion Ratio Lower Upper

117 100

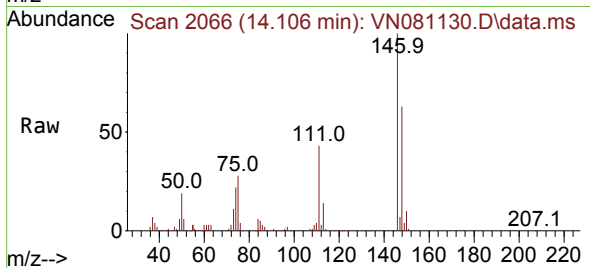
201 57.4 30.0 90.0



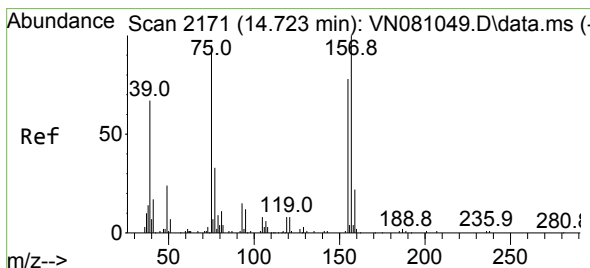
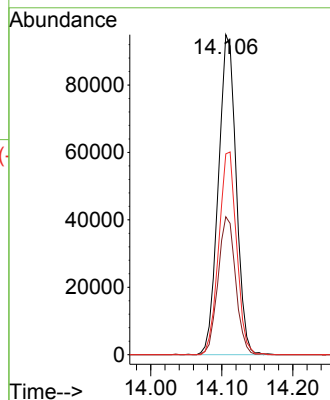
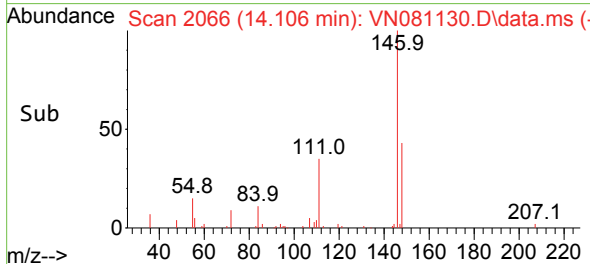


#91
1,2-Dichlorobenzene
Concen: 19.089 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12

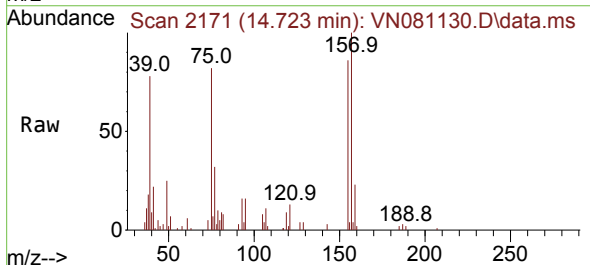
Instrument :
MSVOA_N
ClientSampleId :



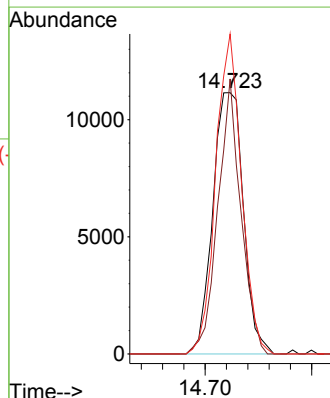
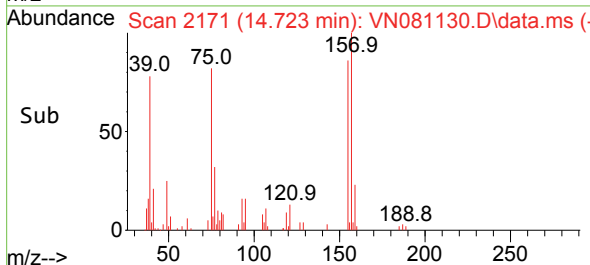
Tgt Ion:146 Resp: 164693
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.8
148 63.2 31.4 94.0

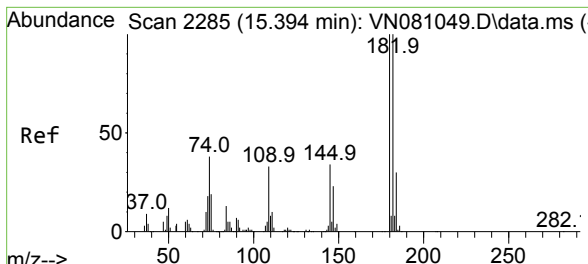


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.881 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VN081130.D
Acq: 22 Feb 2024 13:12



Tgt Ion: 75 Resp: 22196
Ion Ratio Lower Upper
75 100
155 79.2 31.8 95.4
157 102.9 41.1 123.4

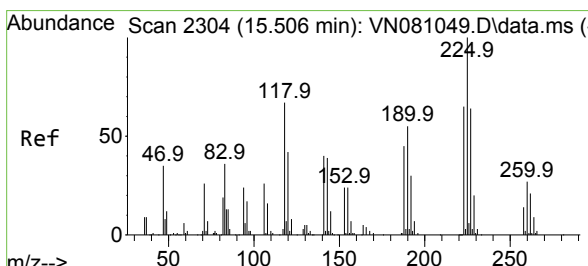
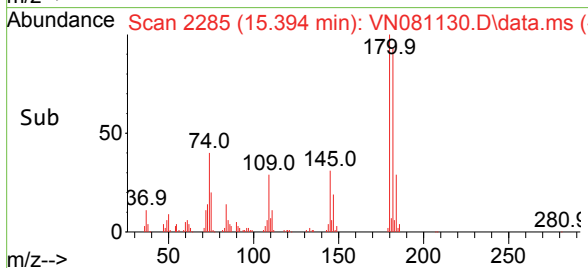
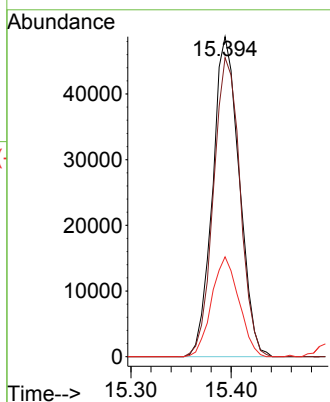
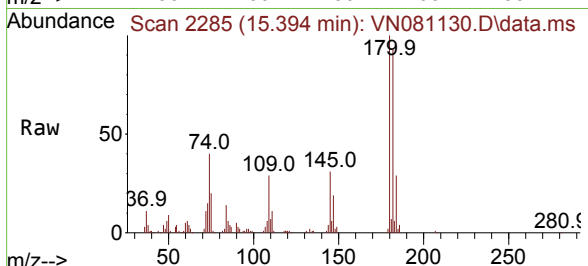




#93
 1,2,4-Trichlorobenzene
 Concen: 18.636 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

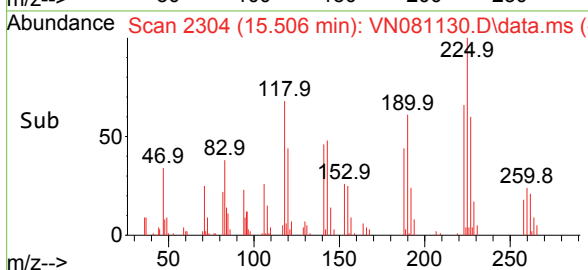
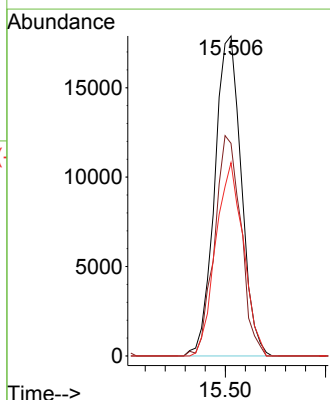
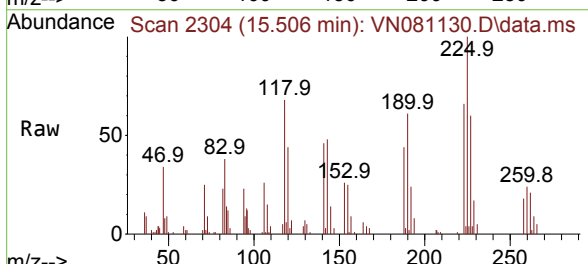
Instrument :
 MSVOA_N
 ClientSampleId :

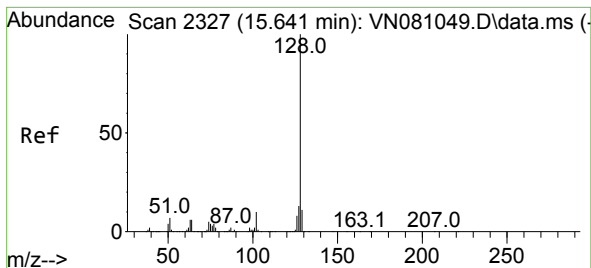
Tgt Ion:	180	Resp:	89703
Ion Ratio	Lower	Upper	
180	100		
182	93.2	46.6	139.7
145	32.0	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 18.362 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN081130.D
 Acq: 22 Feb 2024 13:12

Tgt Ion:	225	Resp:	32962
Ion Ratio	Lower	Upper	
225	100		
223	68.3	33.3	99.8
227	62.9	33.1	99.2





#95

Naphthalene

Concen: 18.571 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

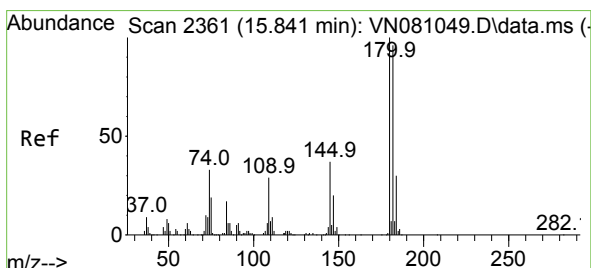
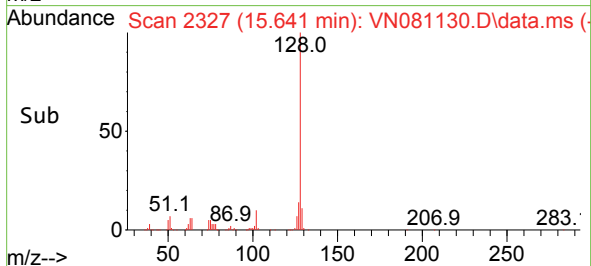
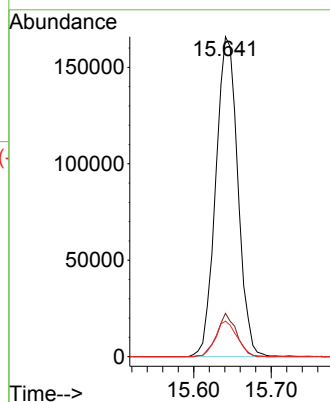
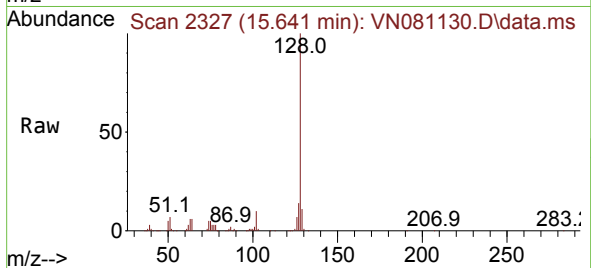
Tgt Ion:128 Resp: 327568

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.212 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.000 min

Lab File: VN081130.D

Acq: 22 Feb 2024 13:12

Tgt Ion:180 Resp: 91735

Ion Ratio Lower Upper

180 100

182 95.3 46.5 139.3

145 35.5 17.8 53.4

