

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021424\
 Data File : VN081018.D
 Acq On : 14 Feb 2024 11:50
 Operator : JC\MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 15 07:35:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 07:35:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	610035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	1065062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	958266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	355279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	725949	96.747	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	193.500%#
35) Dibromofluoromethane	8.165	113	601020	98.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	196.840%#
50) Toluene-d8	10.565	98	2157221	100.167	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	200.340%#
62) 4-Bromofluorobenzene	12.847	95	754351	102.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	205.980%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	816506	104.361	ug/l	97
3) Chloromethane	2.359	50	947815	100.580	ug/l	96
4) Vinyl Chloride	2.518	62	816993	99.429	ug/l	93
5) Bromomethane	2.936	94	390299	94.143	ug/l	90
6) Chloroethane	3.112	64	483727	91.562	ug/l	100
7) Trichlorofluoromethane	3.495	101	1058326	91.503	ug/l	94
8) Diethyl Ether	3.953	74	442360	96.467	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.365	101	652749	95.635	ug/l #	89
10) Methyl Iodide	4.583	142	698152	100.725	ug/l	98
11) Tert butyl alcohol	5.512	59	611231	454.126	ug/l	99
12) 1,1-Dichloroethene	4.342	96	661662	99.518	ug/l	95
13) Acrolein	4.177	56	527573	501.610	ug/l	98
14) Allyl chloride	5.024	41	889331	82.134	ug/l #	91
15) Acrylonitrile	5.718	53	1652029	479.241	ug/l	97
16) Acetone	4.418	43	1302176	443.311	ug/l	99
17) Carbon Disulfide	4.712	76	1806168	93.759	ug/l	97
18) Methyl Acetate	5.018	43	717119	92.693	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	2225471	95.927	ug/l	98
20) Methylene Chloride	5.277	84	725389	94.808	ug/l	90
21) trans-1,2-Dichloroethene	5.783	96	689659	94.351	ug/l	96
22) Diisopropyl ether	6.665	45	2302654	97.228	ug/l #	96
23) Vinyl Acetate	6.600	43	9293974	486.983	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	1284767	97.280	ug/l	97
25) 2-Butanone	7.477	43	2184770	458.149	ug/l	93
26) 2,2-Dichloropropane	7.488	77	1197411	98.514	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	809074	95.774	ug/l	91
28) Bromochloromethane	7.812	49	508664	95.401	ug/l #	69
29) Tetrahydrofuran	7.835	42	1442458	470.667	ug/l	89
30) Chloroform	7.965	83	1362539	96.133	ug/l	95
31) Cyclohexane	8.259	56	1162471	89.180	ug/l #	84
32) 1,1,1-Trichloroethane	8.165	97	1211963	96.838	ug/l	93
36) 1,1-Dichloropropene	8.371	75	1013738	99.496	ug/l	96
37) Ethyl Acetate	7.559	43	904683	97.066	ug/l	99
38) Carbon Tetrachloride	8.359	117	827181	110.915	ug/l	95
39) Methylcyclohexane	9.600	83	1281984	102.274	ug/l	92
40) Benzene	8.606	78	2972278	98.649	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	518576	91.657	ug/l	95
42) 1,2-Dichloroethane	8.671	62	1040172	97.259	ug/l	99
43) Isopropyl Acetate	8.688	43	1672585	95.786	ug/l	97
44) Trichloroethene	9.353	130	835241	93.594	ug/l	97
45) 1,2-Dichloropropane	9.624	63	756031	101.437	ug/l	98
46) Dibromomethane	9.706	93	524237	99.647	ug/l #	90
47) Bromodichloromethane	9.888	83	1064758	103.267	ug/l #	99
48) Methyl methacrylate	9.682	41	804438	97.847	ug/l	93
49) 1,4-Dioxane	9.694	88	266962	1964.600	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	4659464	478.472	ug/l	96
52) Toluene	10.629	92	1891613	100.506	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	1275847	105.030	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	1309806	101.954	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	723921	102.285	ug/l	94
56) Ethyl methacrylate	10.876	69	1177435	101.603	ug/l	92
57) 1,3-Dichloropropane	11.165	76	1269256	100.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	2773778	482.378	ug/l #	89
59) 2-Hexanone	11.194	43	3441140	481.149	ug/l	97
60) Dibromochloromethane	11.359	129	725409	107.788	ug/l	98
61) 1,2-Dibromoethane	11.471	107	759139	102.010	ug/l	98
64) Tetrachloroethene	11.106	164	904269	92.563	ug/l	94
65) Chlorobenzene	11.894	112	1990625	99.066	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	676198	97.745	ug/l	96
67) Ethyl Benzene	11.965	91	3695451	97.550	ug/l	99
68) m/p-Xylenes	12.070	106	2713173	194.215	ug/l	100
69) o-Xylene	12.400	106	1324370	97.748	ug/l	99
70) Styrene	12.412	104	2159333	99.995	ug/l	99
71) Bromoform	12.582	173	384445	109.230	ug/l #	97
73) Isopropylbenzene	12.694	105	3474117	96.784	ug/l	99
74) N-amyl acetate	12.494	43	1462192	88.539	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	808687	91.787	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	1144343	148.273	ug/l	68
77) Bromobenzene	12.982	156	681362	93.715	ug/l	80
78) n-propylbenzene	13.035	91	4091317	99.883	ug/l	97
79) 2-Chlorotoluene	13.123	91	2266429	95.799	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	2703149	97.063	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	321753	95.411	ug/l	90
82) 4-Chlorotoluene	13.223	91	2223654	97.263	ug/l	98
83) tert-Butylbenzene	13.441	119	2287003	95.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	2625797	97.857	ug/l	97
85) sec-Butylbenzene	13.617	105	3285624	100.424	ug/l	94
86) p-Isopropyltoluene	13.729	119	2658007	101.024	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	1198179	96.911	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	1208166	94.576	ug/l	99
89) n-Butylbenzene	14.059	91	2427137	100.779	ug/l	98
90) Hexachloroethane	14.335	117	90752	100.041	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	1142085	95.292	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	177596	100.440	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	740179	103.088	ug/l	99
94) Hexachlorobutadiene	15.506	225	288362	97.104	ug/l	96
95) Naphthalene	15.641	128	2472578	96.796	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	721968	102.606	ug/l	99

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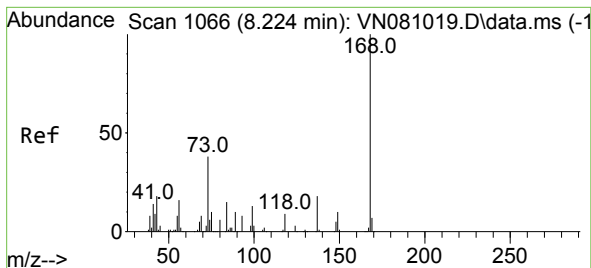
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Quant Title : SW846 8260
QLast Update : Thu Feb 15 07:35:29 2024
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN081018.D

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Instrument :

MSVOA_N

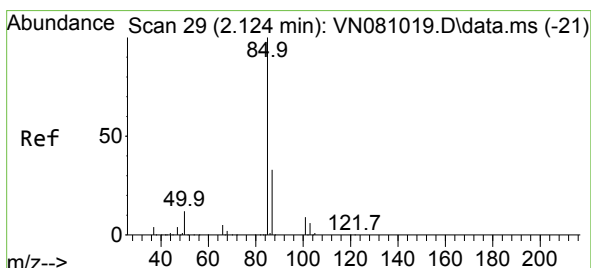
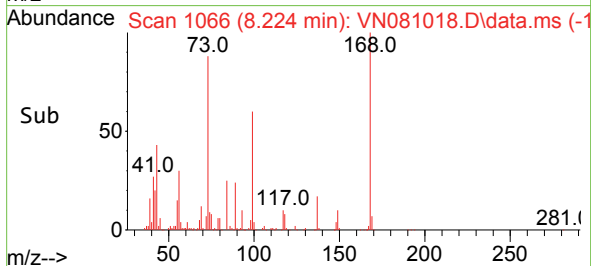
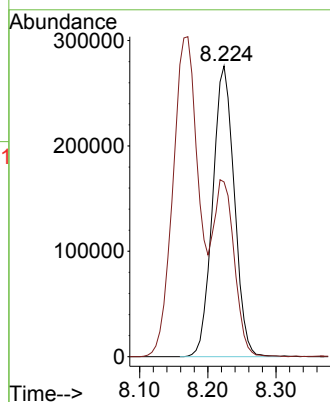
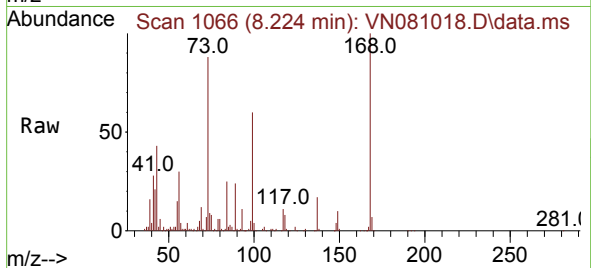
ClientSampleId :

Tgt Ion:168 Resp: 610035

Ion Ratio Lower Upper

168 100

99 60.0 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 104.361 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN081018.D

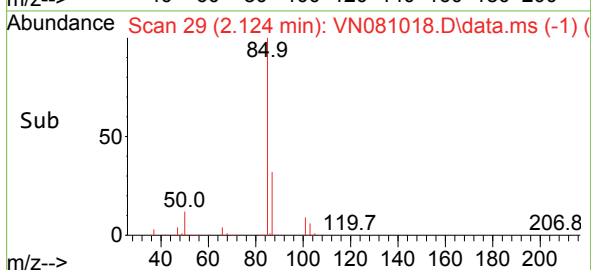
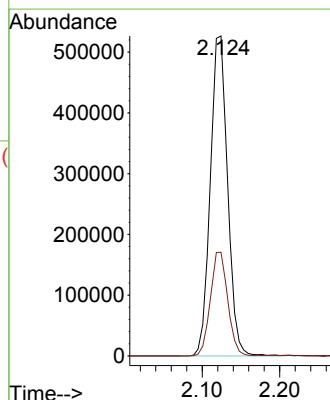
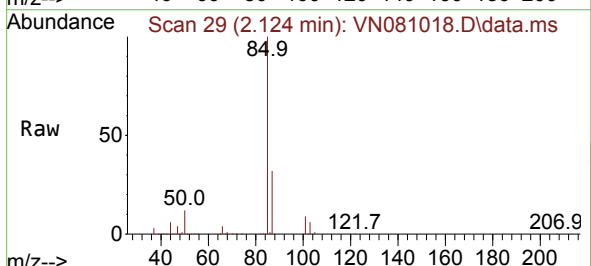
Acq: 14 Feb 2024 11:50

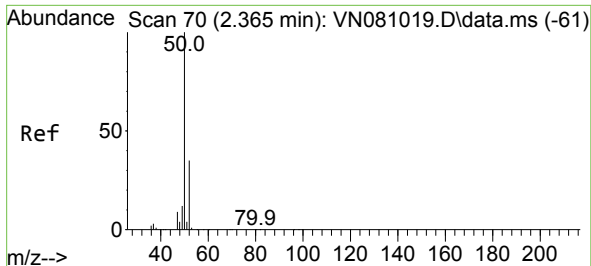
Tgt Ion: 85 Resp: 816506

Ion Ratio Lower Upper

85 100

87 32.4 15.3 45.9

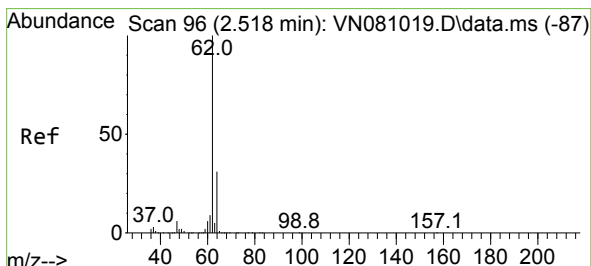
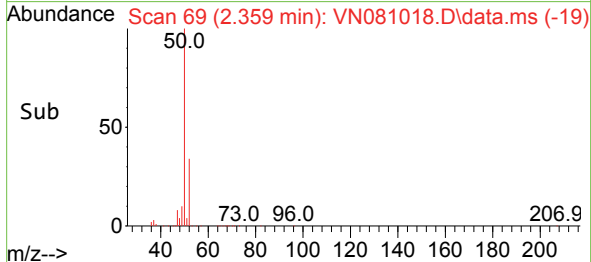
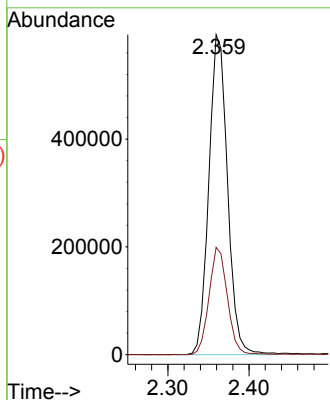
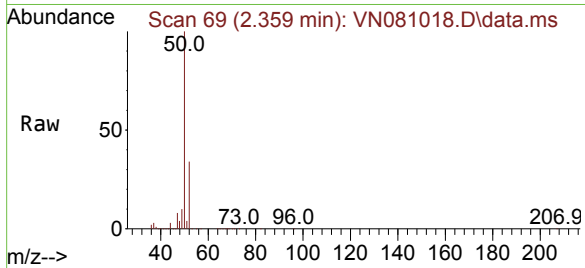




#3
Chloromethane
Concen: 100.580 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.006 min
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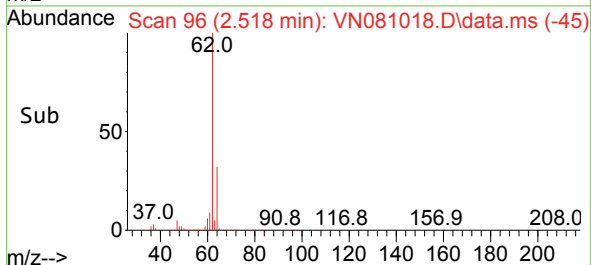
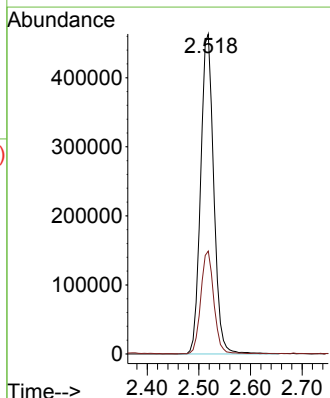
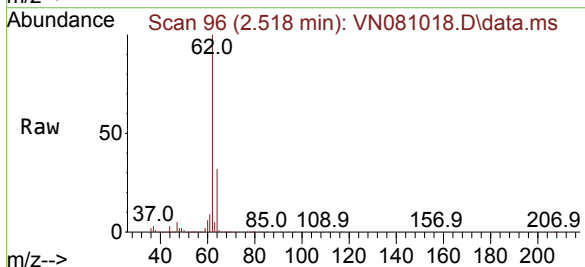
Instrument :
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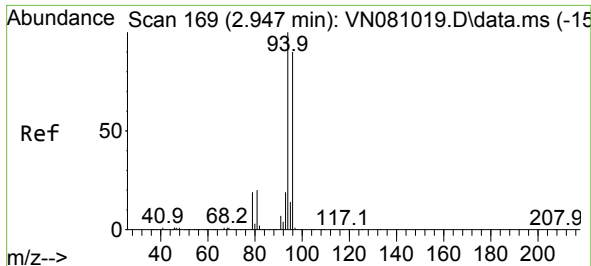
Tgt Ion: 50 Resp: 947815
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4



#4
Vinyl Chloride
Concen: 99.429 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 62 Resp: 816993
Ion Ratio Lower Upper
62 100
64 32.1 22.7 34.1

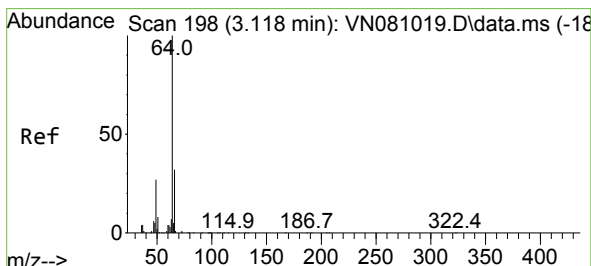
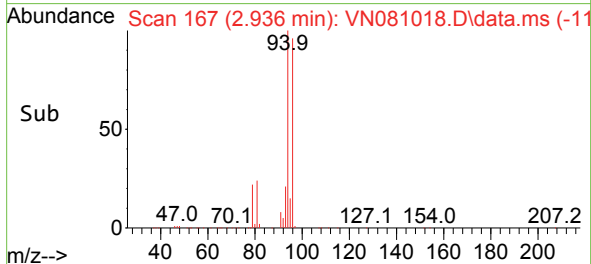
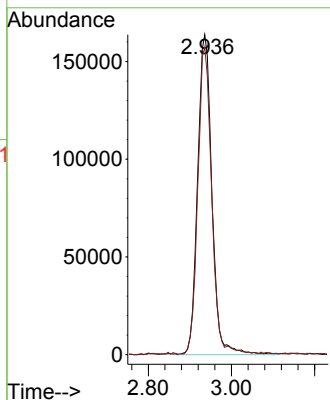
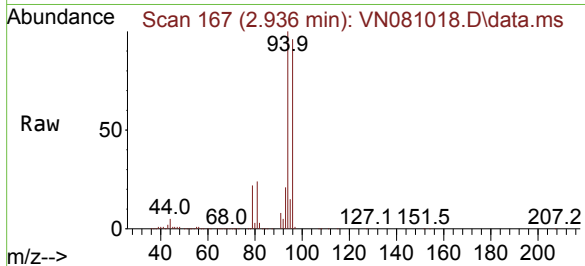




#5
Bromomethane
Concen: 94.143 ug/l
RT: 2.936 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

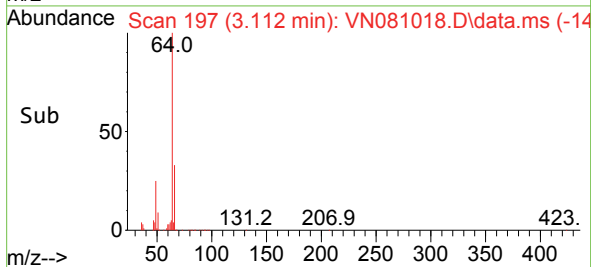
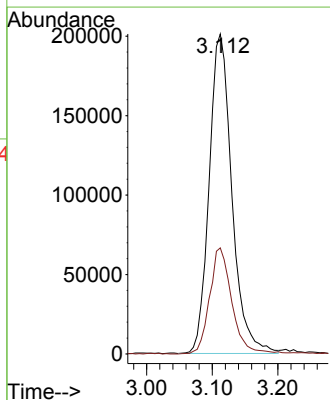
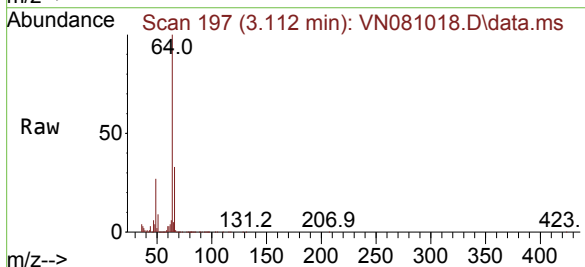
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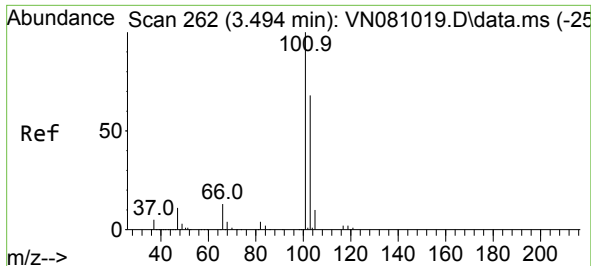
Tgt Ion: 94 Resp: 390299
Ion Ratio Lower Upper
94 100
96 96.0 69.2 103.8



#6
Chloroethane
Concen: 91.562 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 64 Resp: 483727
Ion Ratio Lower Upper
64 100
66 33.2 26.4 39.6

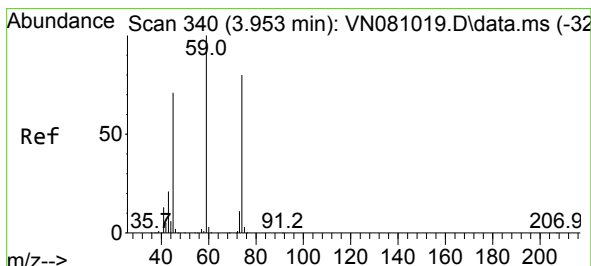
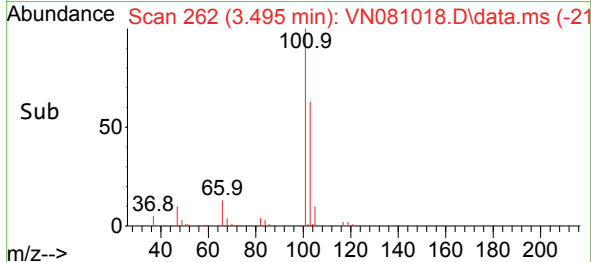
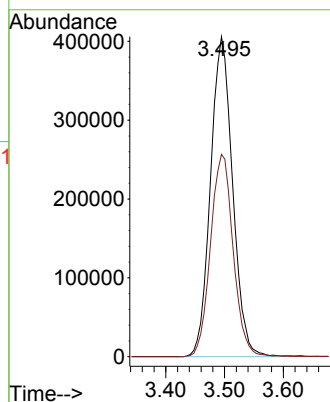
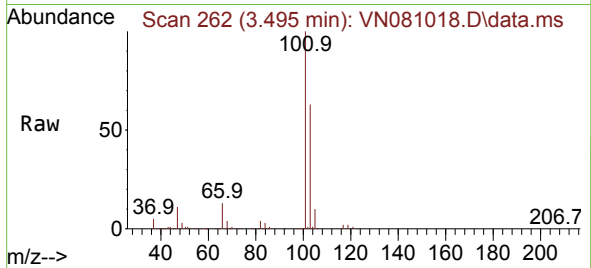




#7
 Trichlorofluoromethane
 Concen: 91.503 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

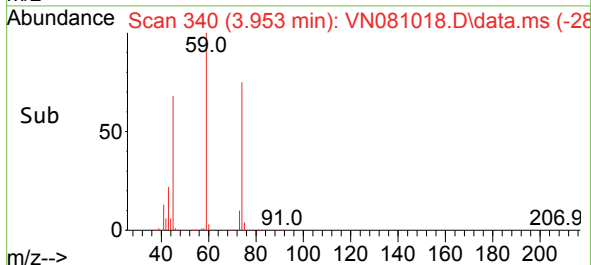
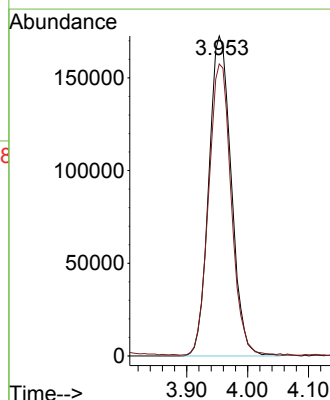
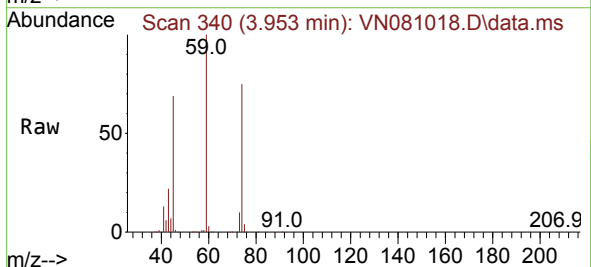
Instrument :
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 ClientSampleId :

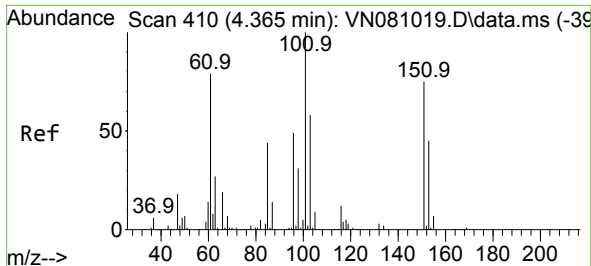
Tgt Ion:101 Resp: 1058326
 Ion Ratio Lower Upper
 101 100
 103 63.3 54.4 81.6



#8
 Diethyl Ether
 Concen: 96.467 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 442360
 Ion Ratio Lower Upper
 74 100
 45 91.3 53.3 159.9

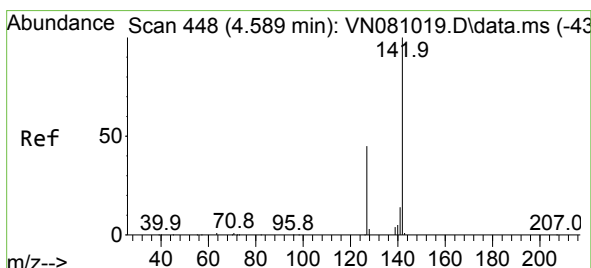
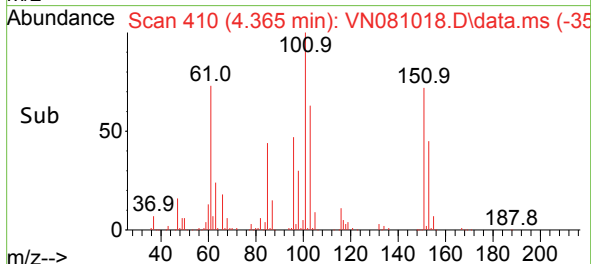
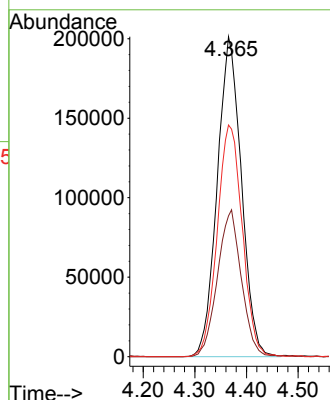
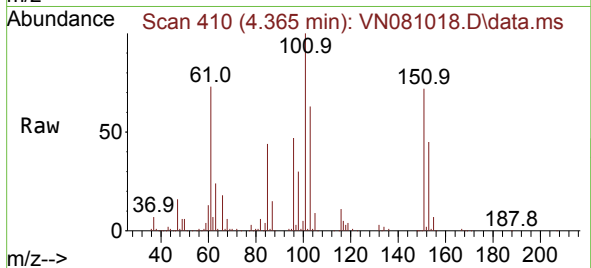




#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.635 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN081018.D
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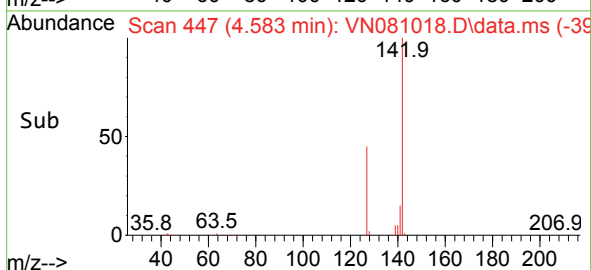
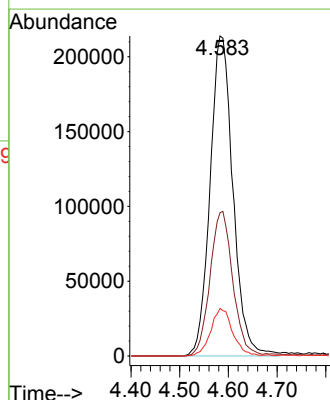
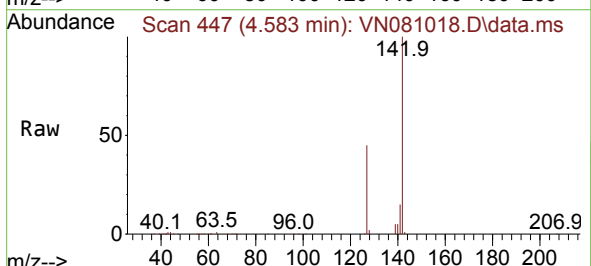
Instrument :
MSVOA_N
ClientSampleId :

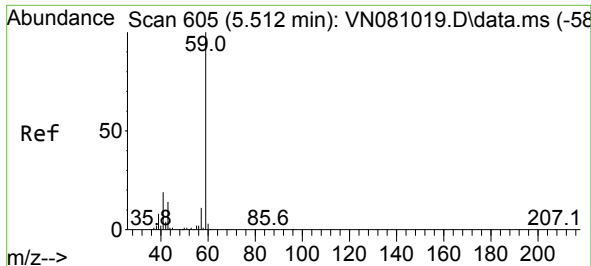
Tgt Ion:101 Resp: 652749
Ion Ratio Lower Upper
101 100
85 45.6 38.1 57.1
151 75.0 49.1 73.7#



#10
Methyl Iodide
Concen: 100.725 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:142 Resp: 698152
Ion Ratio Lower Upper
142 100
127 44.8 37.0 55.4
141 14.8 12.5 18.7

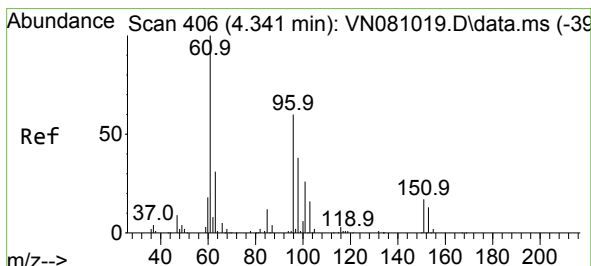
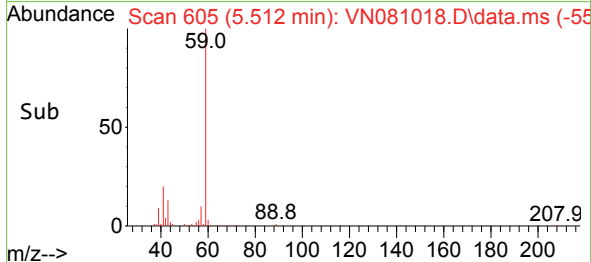
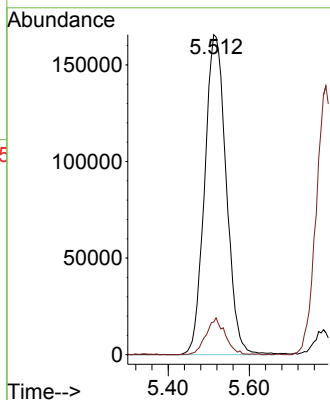
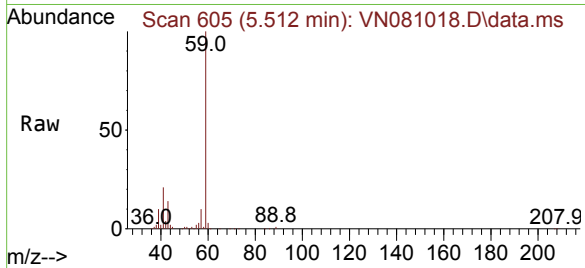




#11
Tert butyl alcohol
Concen: 454.126 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

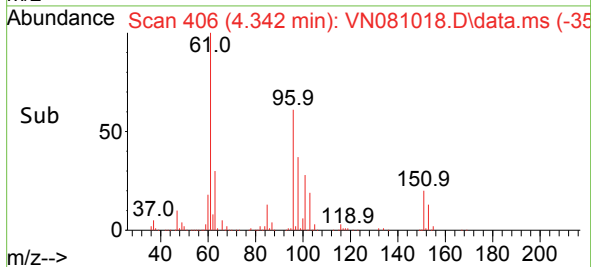
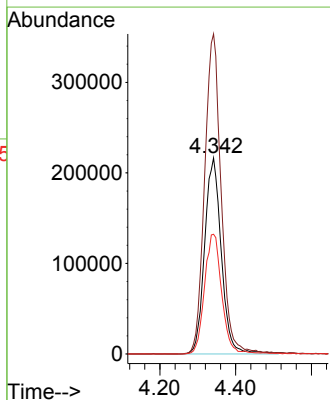
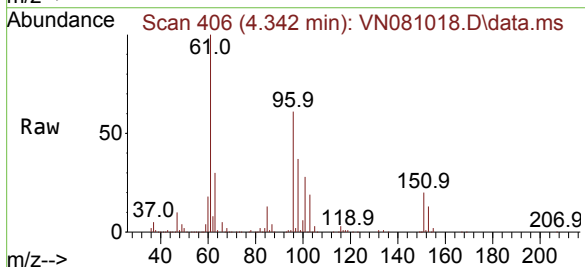
Instrument :
MSVOA_N
ClientSampleId :

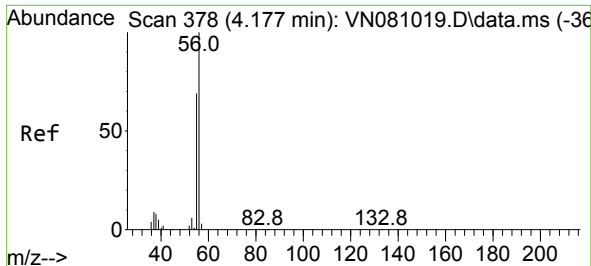
Tgt Ion: 59 Resp: 611231
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 99.518 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 96 Resp: 661662
Ion Ratio Lower Upper
96 100
61 163.3 138.2 207.4
98 61.1 49.2 73.8





#13

Acrolein

Concen: 501.610 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

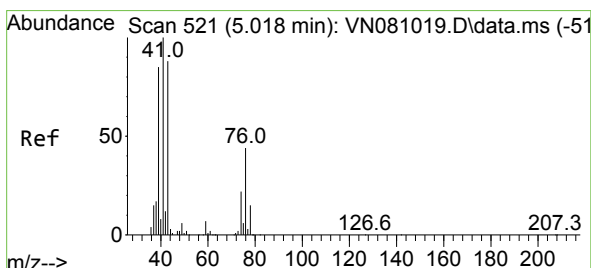
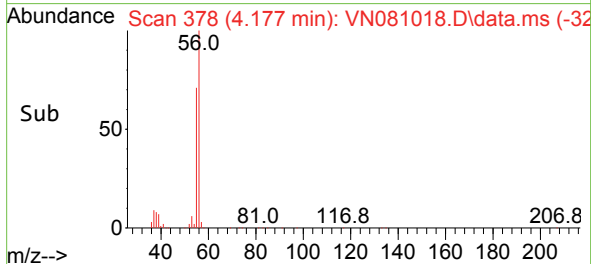
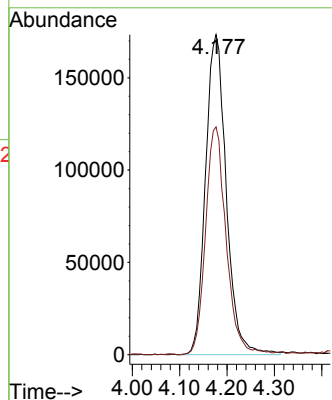
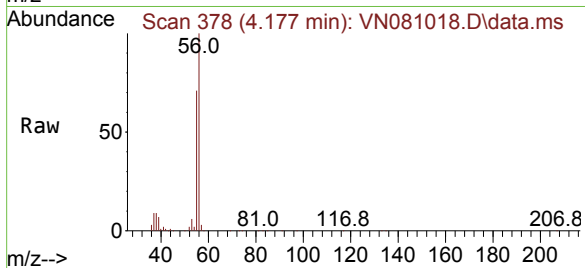
ClientSampleId :

Tgt Ion: 56 Resp: 527573

Ion Ratio Lower Upper

56 100

55 70.6 55.3 82.9



#14

Allyl chloride

Concen: 82.134 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

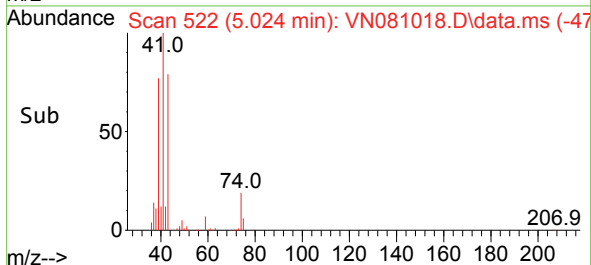
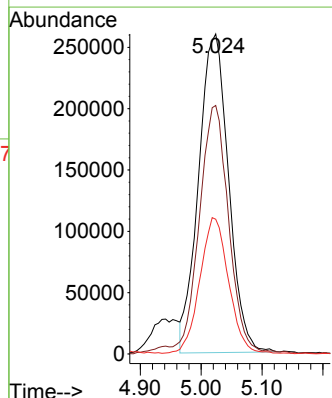
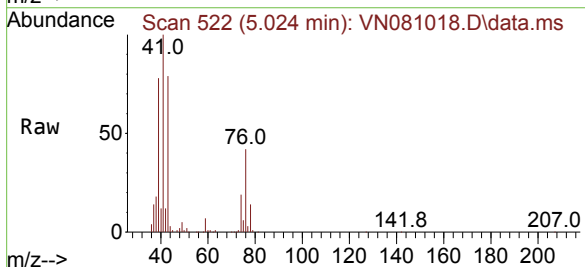
Tgt Ion: 41 Resp: 889331

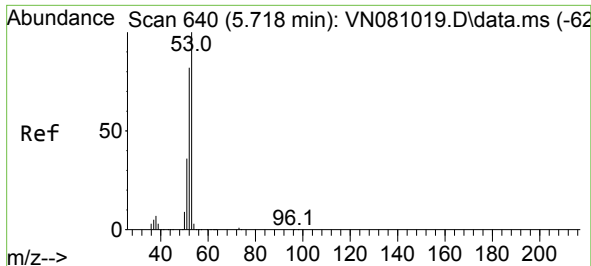
Ion Ratio Lower Upper

41 100

39 78.1 57.7 86.5

76 41.0 26.8 40.2#

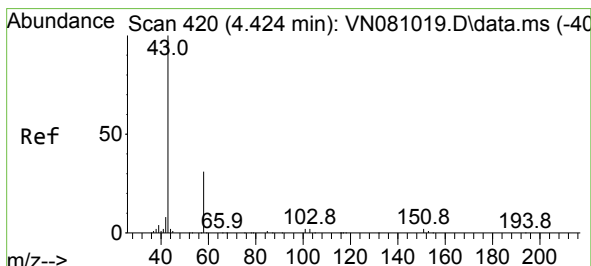
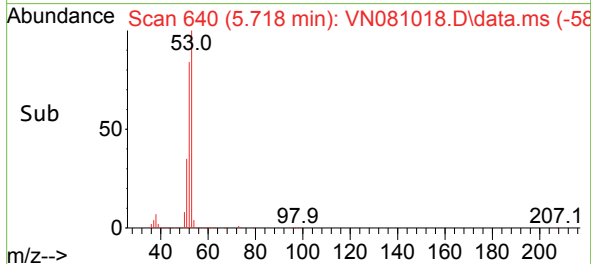
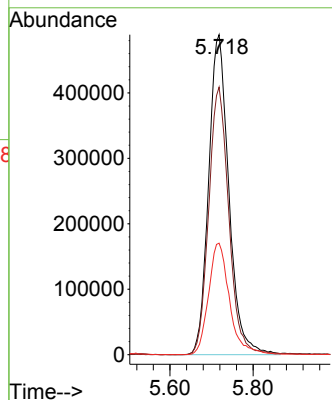
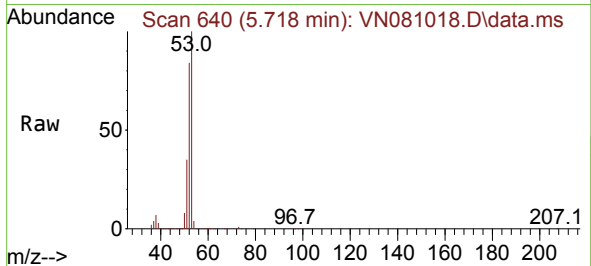




#15
Acrylonitrile
Concen: 479.241 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

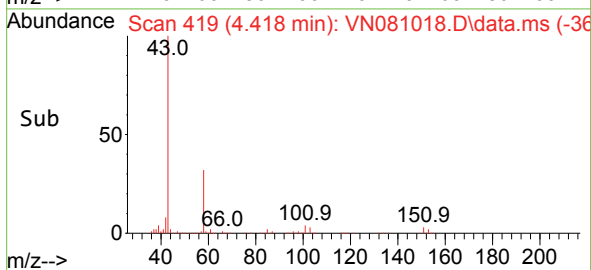
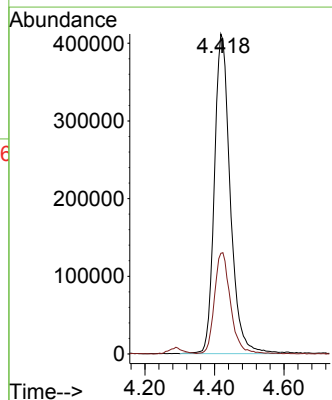
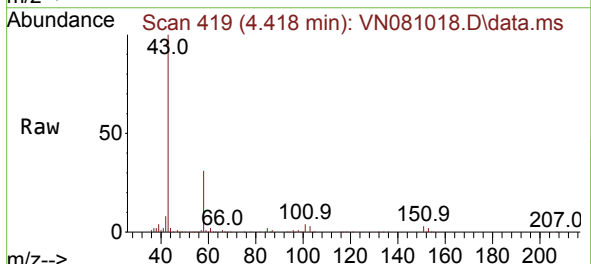
Instrument :
MSVOA_N
ClientSampleId :

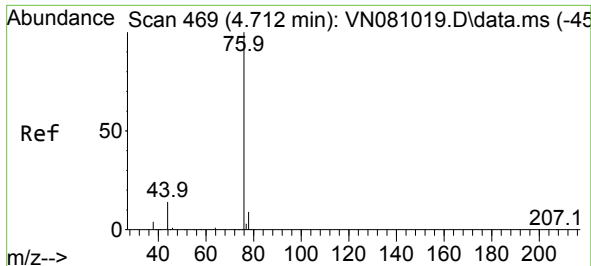
Tgt Ion: 53 Resp: 1652029
Ion Ratio Lower Upper
53 100
52 83.3 64.8 97.2
51 36.2 26.9 40.3



#16
Acetone
Concen: 443.311 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 43 Resp: 1302176
Ion Ratio Lower Upper
43 100
58 31.3 24.8 37.2

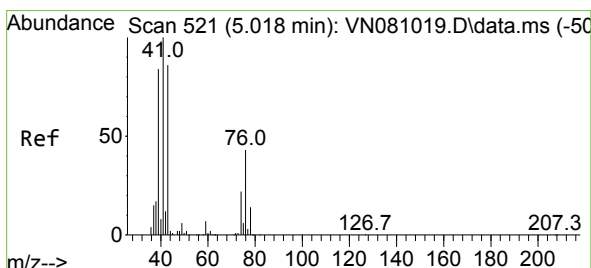
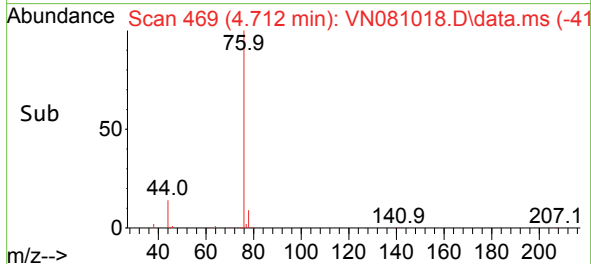
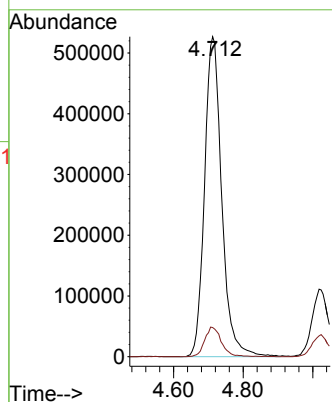
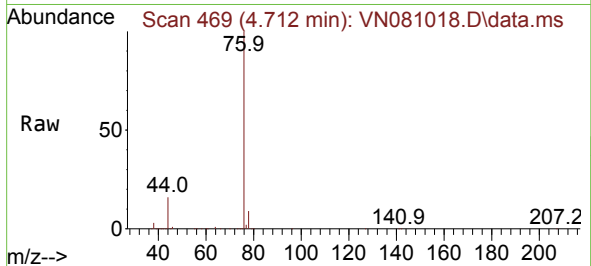




#17
Carbon Disulfide
Concen: 93.759 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

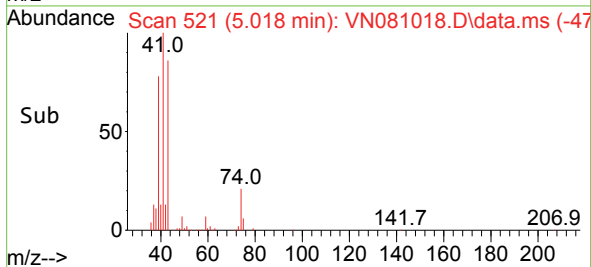
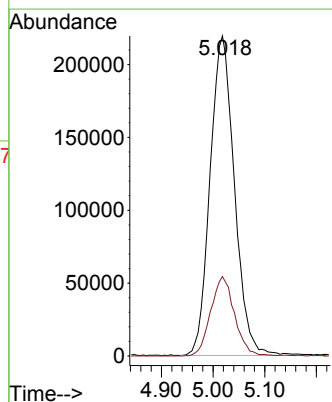
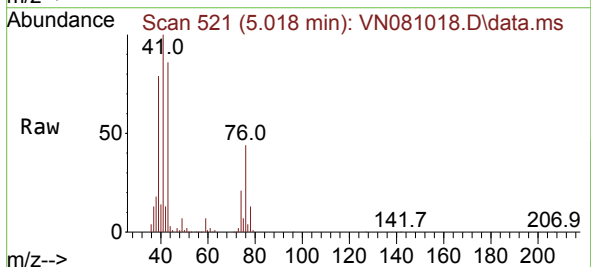
Instrument :
MSVOA_N
ClientSampleId :

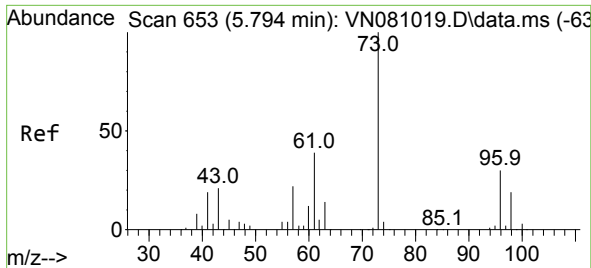
Tgt Ion: 76 Resp: 1806168
Ion Ratio Lower Upper
76 100
78 9.1 6.3 9.5



#18
Methyl Acetate
Concen: 92.693 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 43 Resp: 717119
Ion Ratio Lower Upper
43 100
74 24.3 17.3 25.9

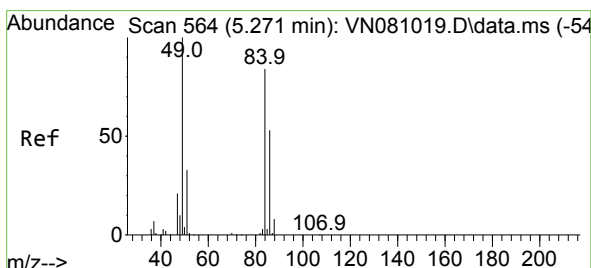
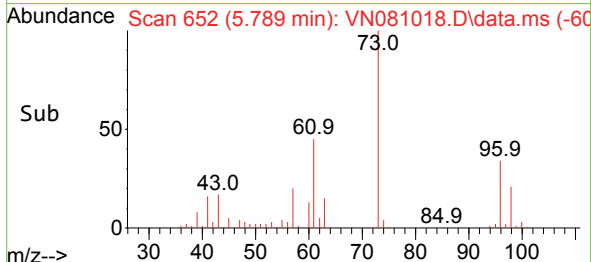
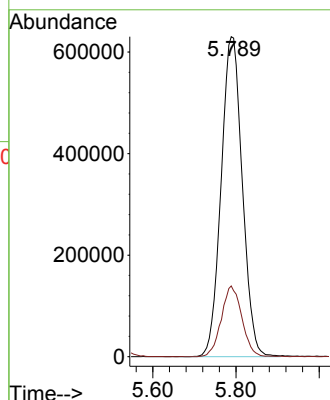
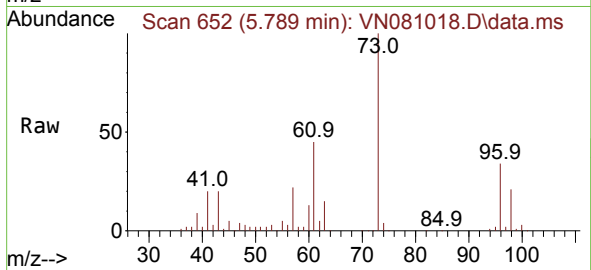




#19
Methyl tert-butyl Ether
Concen: 95.927 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

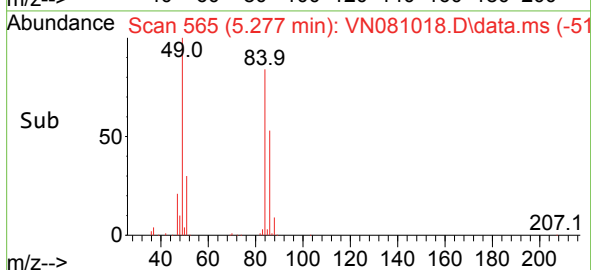
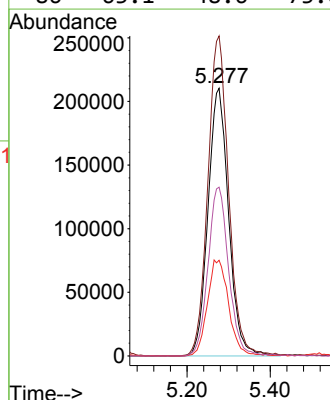
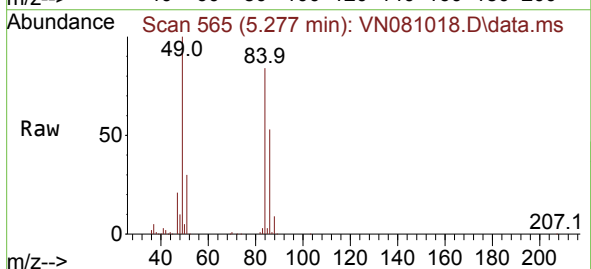
Instrument :
MSVOA_N
ClientSampleId :

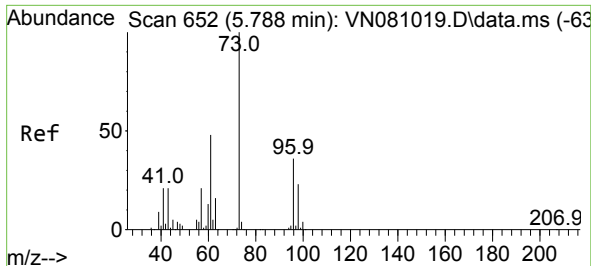
Tgt Ion: 73 Resp: 2225471
Ion Ratio Lower Upper
73 100
57 22.0 18.2 27.4



#20
Methylene Chloride
Concen: 94.808 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

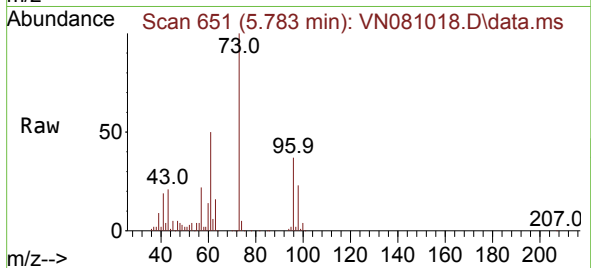
Tgt Ion: 84 Resp: 725389
Ion Ratio Lower Upper
84 100
49 119.6 108.1 162.1
51 35.7 32.9 49.3
86 63.1 48.6 73.0



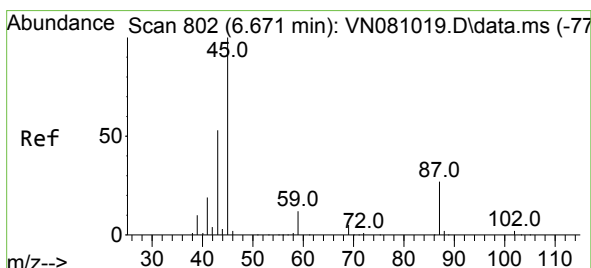
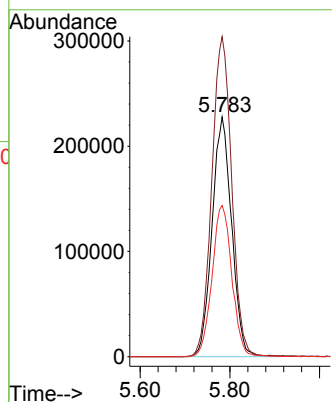
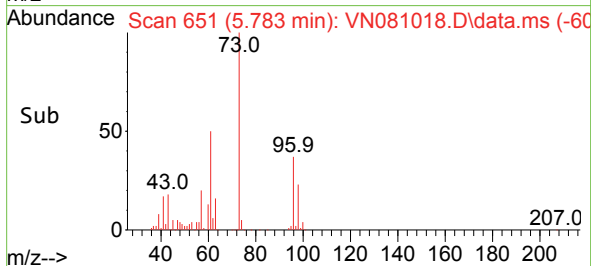


#21
trans-1,2-Dichloroethene
Concen: 94.351 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

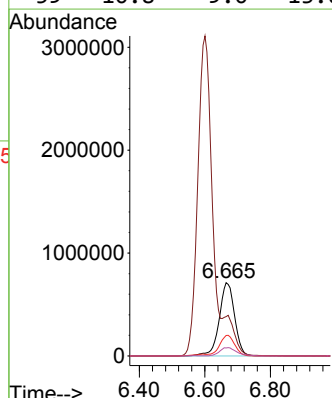
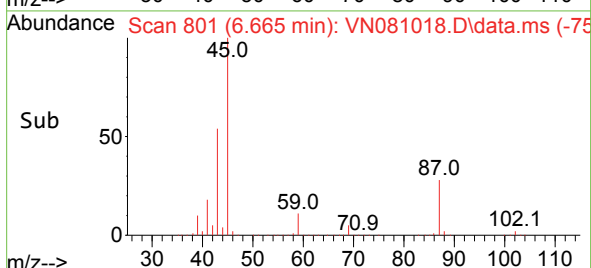
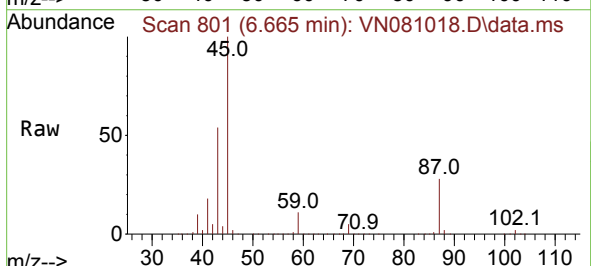


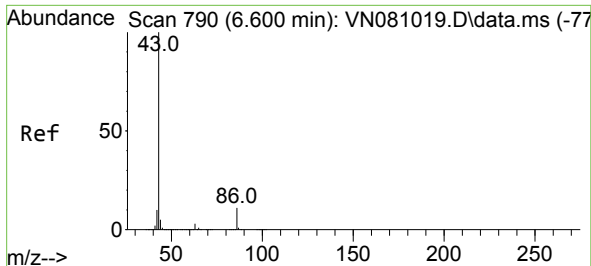
Tgt Ion: 96 Resp: 689659
Ion Ratio Lower Upper
96 100
61 133.5 112.8 169.2
98 63.1 51.0 76.4



#22
Diisopropyl ether
Concen: 97.228 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 45 Resp: 2302654
Ion Ratio Lower Upper
45 100
43 53.6 41.8 62.8
87 28.1 18.1 27.1#
59 10.8 9.0 13.6

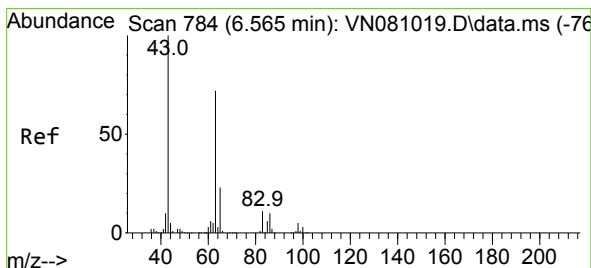
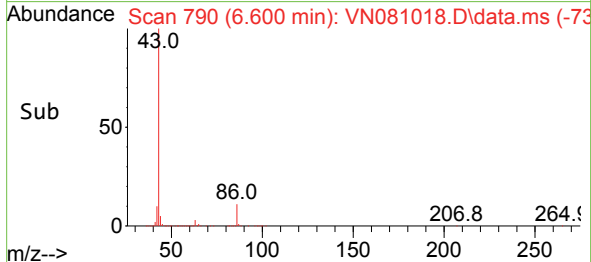
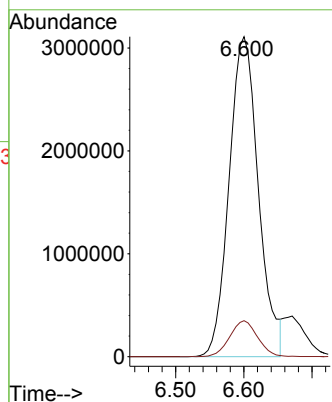
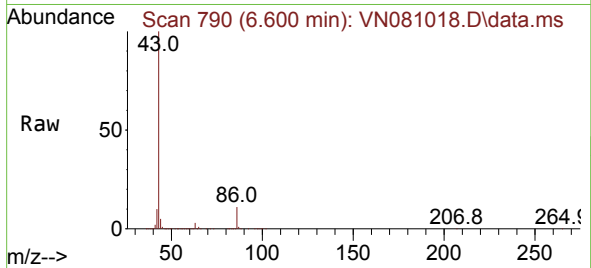




#23
 Vinyl Acetate
 Concen: 486.983 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

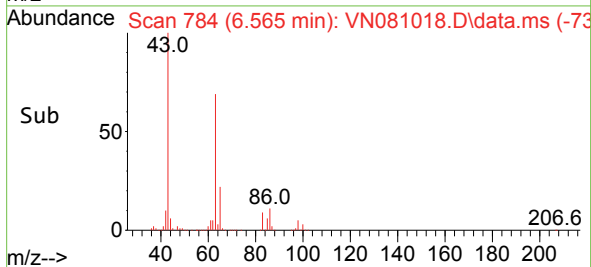
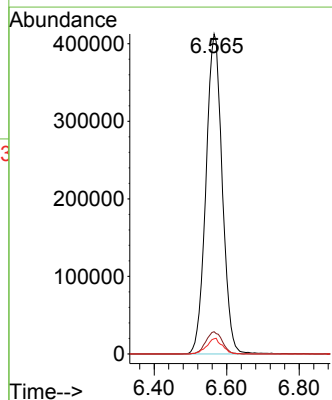
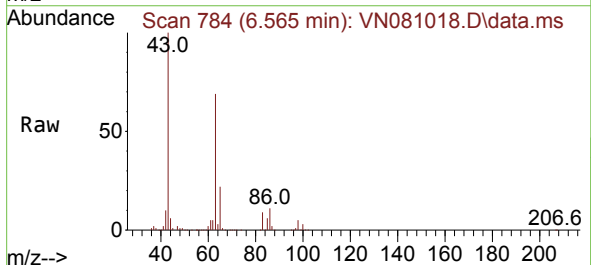
Instrument :
 MSVOA_N
 ClientSampleId :

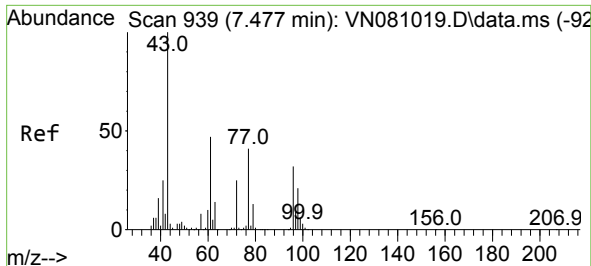
Tgt Ion: 43 Resp: 9293974
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 97.280 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

Tgt Ion: 63 Resp: 1284767
 Ion Ratio Lower Upper
 63 100
 98 6.9 2.9 8.6
 100 4.8 1.9 5.7

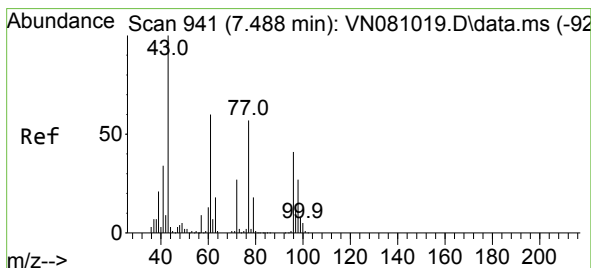
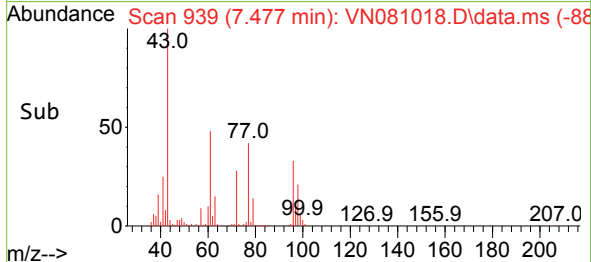
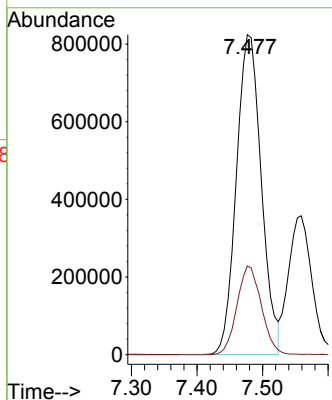
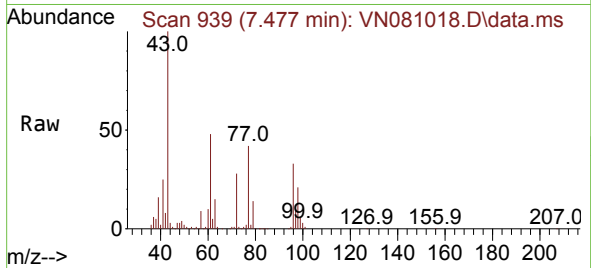




#25
2-Butanone
Concen: 458.149 ug/l
RT: 7.477 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

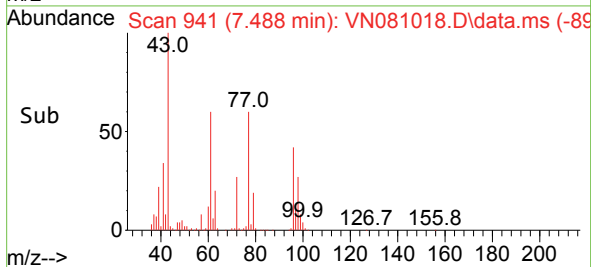
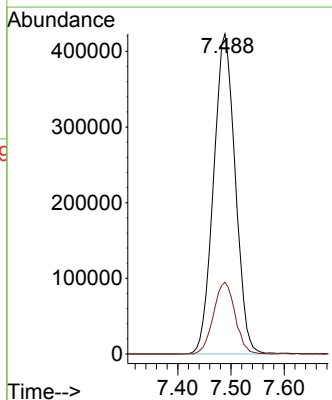
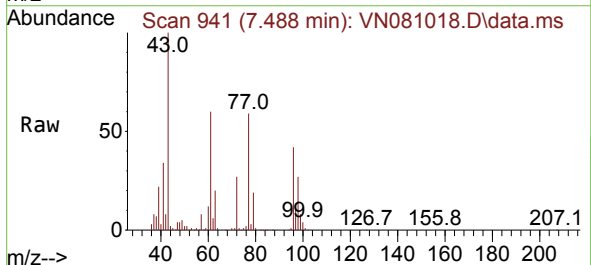
Instrument :
MSVOA_N
ClientSampleId :

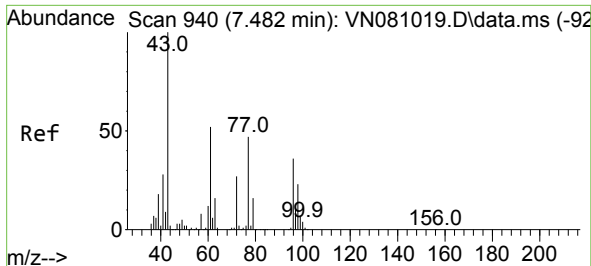
Tgt Ion: 43 Resp: 2184770
Ion Ratio Lower Upper
43 100
72 27.8 19.5 29.3



#26
2,2-Dichloropropane
Concen: 98.514 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 77 Resp: 1197411
Ion Ratio Lower Upper
77 100
97 22.3 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 95.774 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

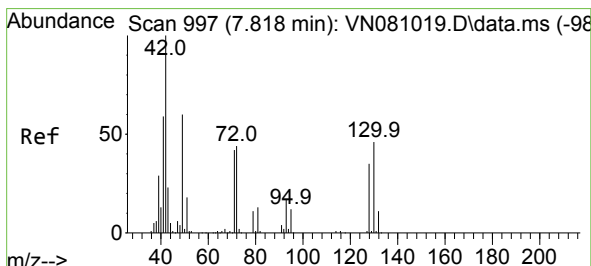
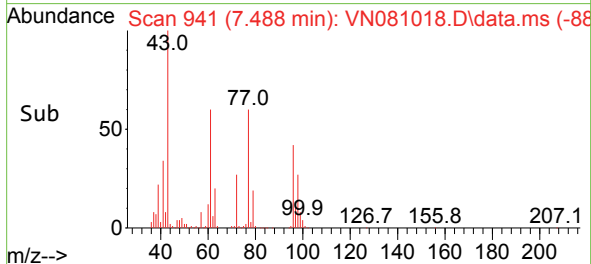
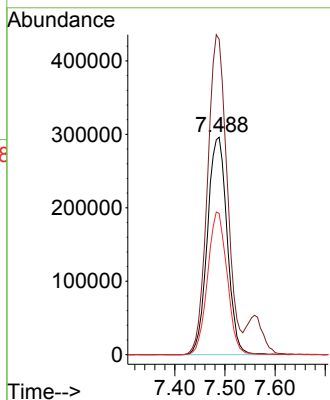
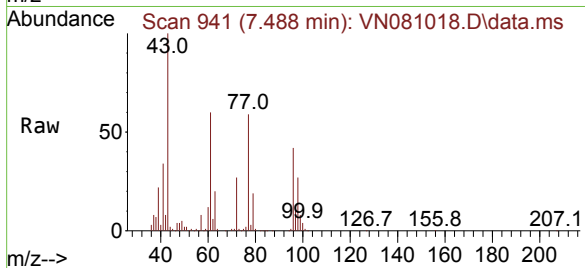
Tgt Ion: 96 Resp: 809074

Ion Ratio Lower Upper

96 100

61 146.5 0.0 325.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 95.401 ug/l

RT: 7.812 min Scan# 996

Delta R.T. -0.006 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

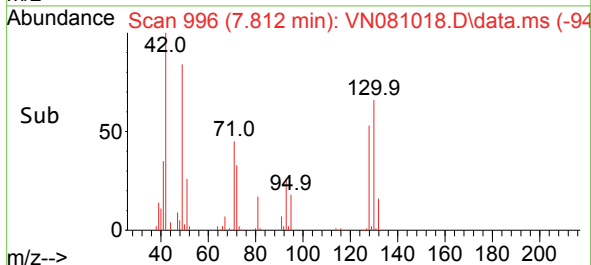
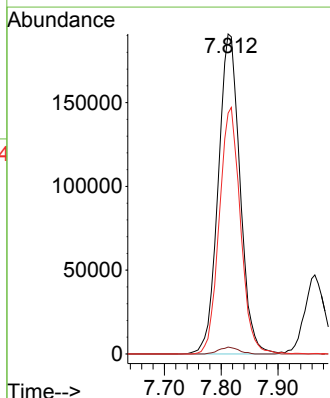
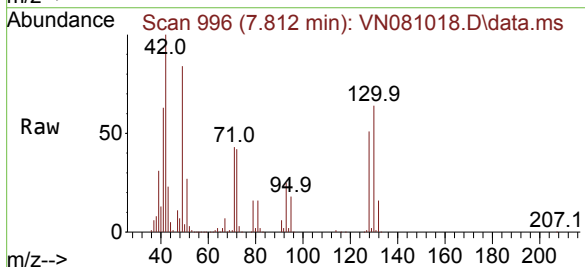
Tgt Ion: 49 Resp: 508664

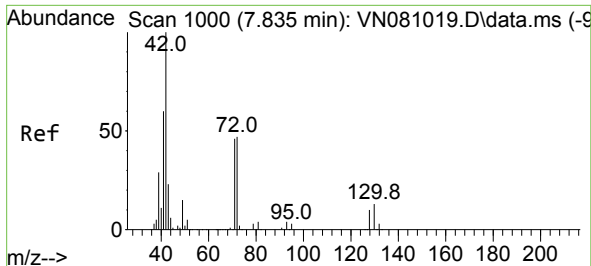
Ion Ratio Lower Upper

49 100

129 1.9 0.0 1.6#

130 75.0 42.3 63.5#





#29

Tetrahydrofuran

Concen: 470.667 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

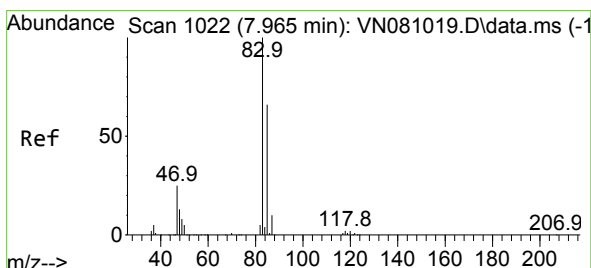
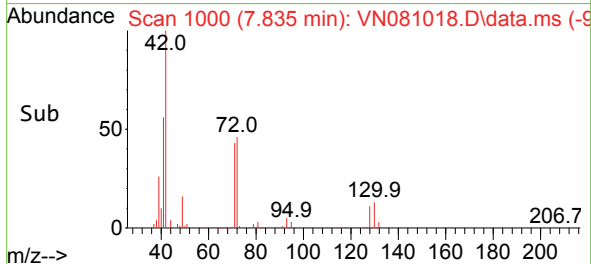
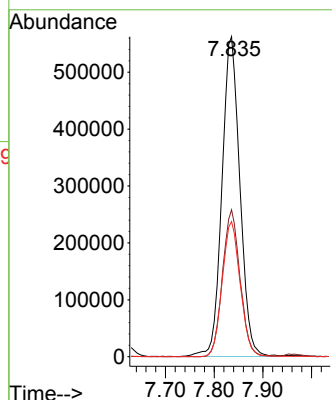
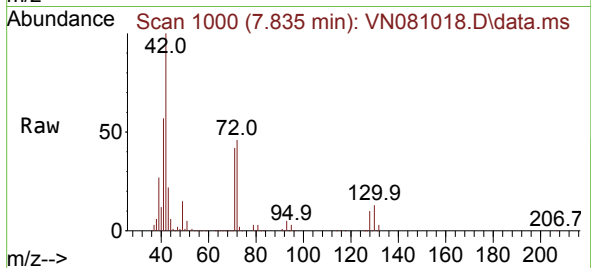
Tgt Ion: 42 Resp: 1442458

Ion Ratio Lower Upper

42 100

72 45.0 31.1 46.7

71 42.4 28.3 42.5



#30

Chloroform

Concen: 96.133 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN081018.D

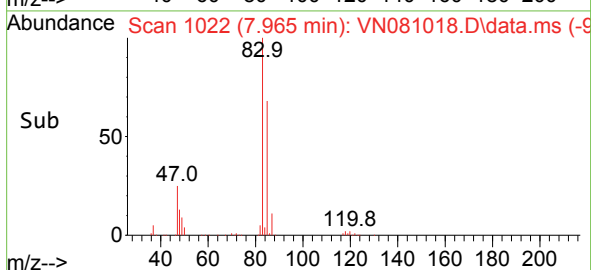
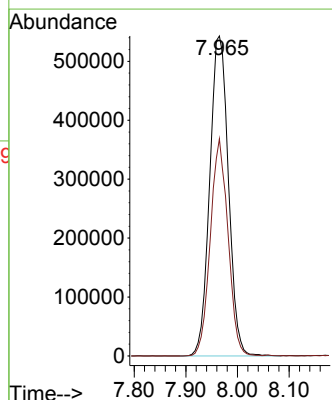
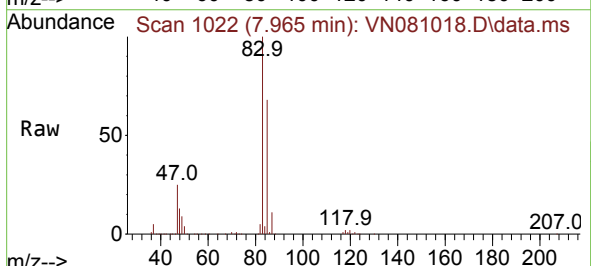
Acq: 14 Feb 2024 11:50

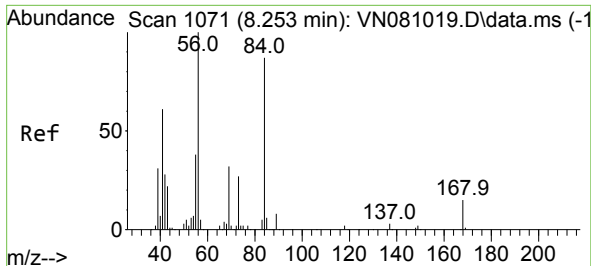
Tgt Ion: 83 Resp: 1362539

Ion Ratio Lower Upper

83 100

85 67.9 51.0 76.6

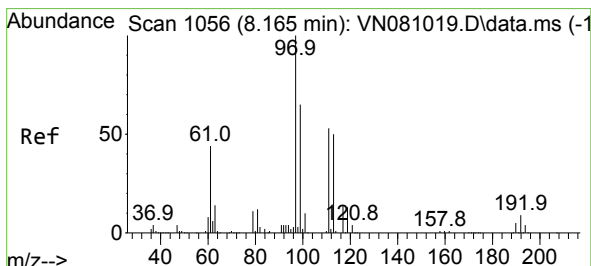
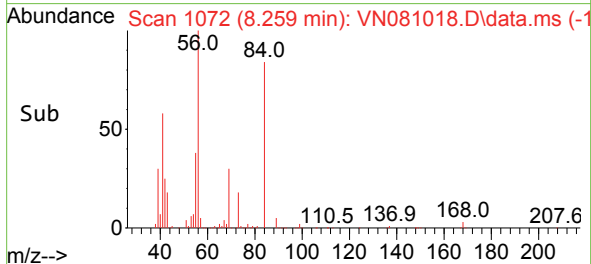
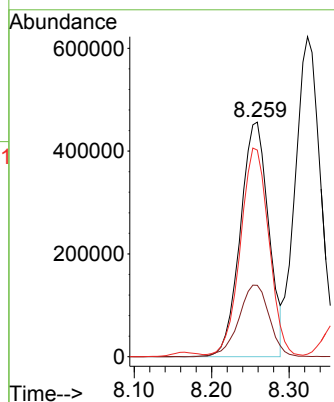
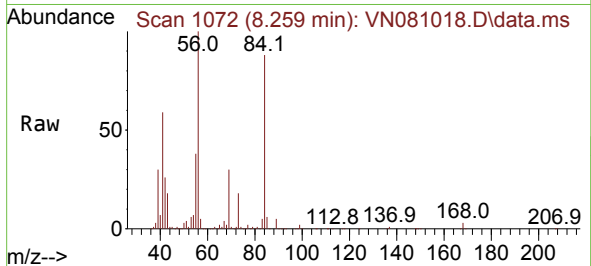




#31
Cyclohexane
Concen: 89.180 ug/l
RT: 8.259 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

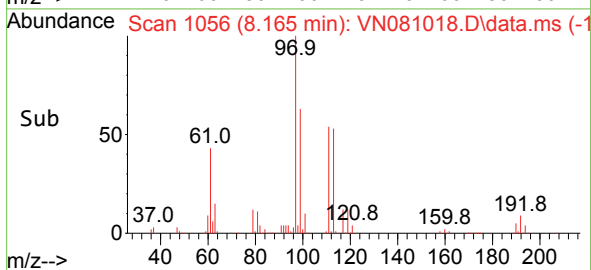
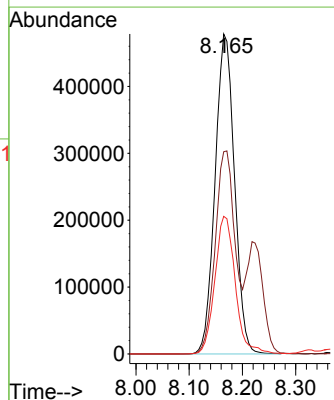
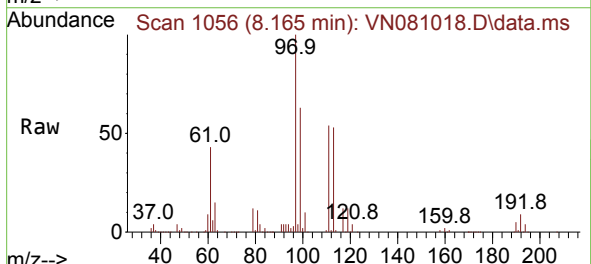
Instrument :
MSVOA_N
ClientSampleId :

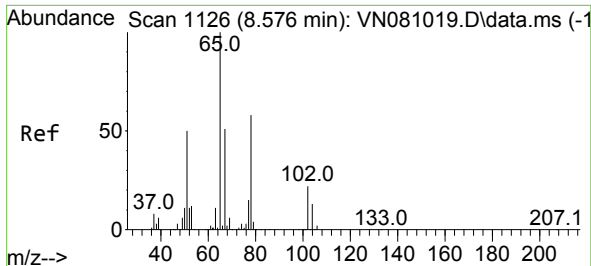
Tgt Ion: 56 Resp: 1162471
Ion Ratio Lower Upper
56 100
69 30.4 20.1 30.1#
84 86.3 56.9 85.3#



#32
1,1,1-Trichloroethane
Concen: 96.838 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 97 Resp: 1211963
Ion Ratio Lower Upper
97 100
99 65.4 53.4 80.0
61 45.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 96.747 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

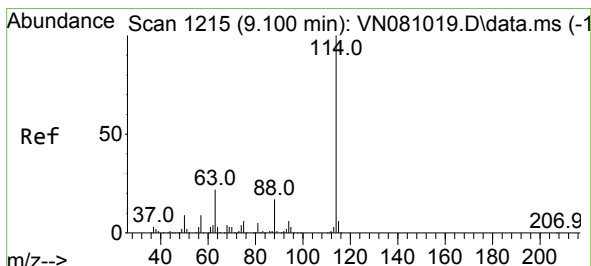
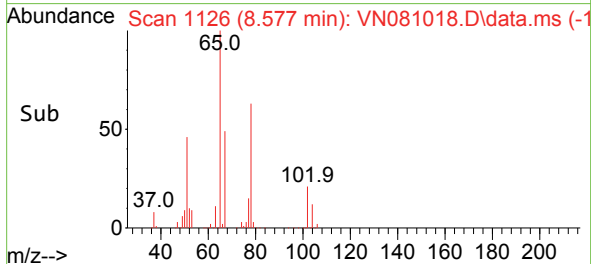
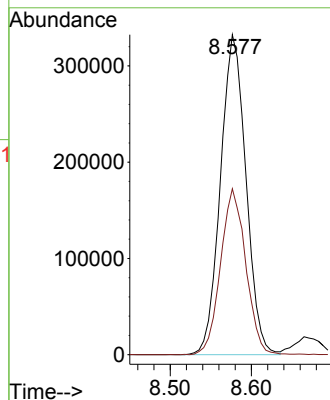
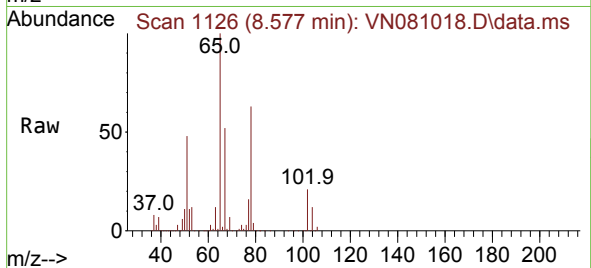
ClientSampleId :

Tgt Ion: 65 Resp: 725949

Ion Ratio Lower Upper

65 100

67 51.4 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: VN081018.D

Acq: 14 Feb 2024 11:50

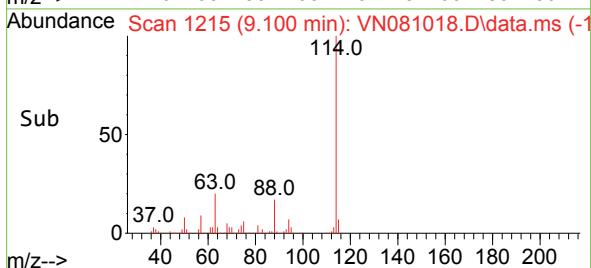
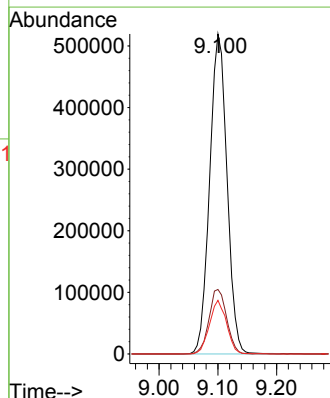
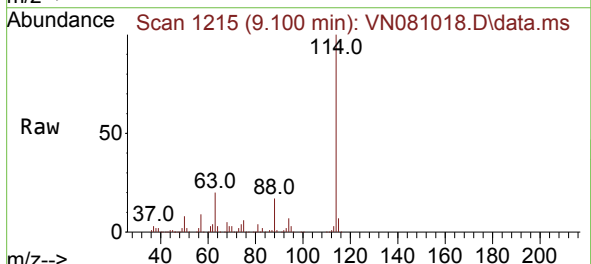
Tgt Ion: 114 Resp: 1065062

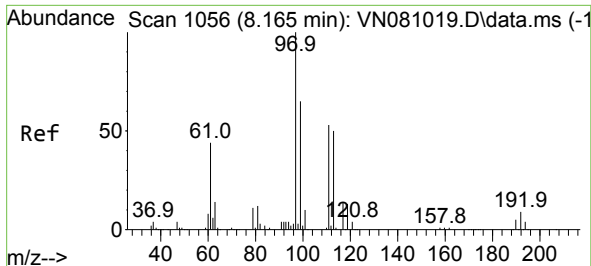
Ion Ratio Lower Upper

114 100

63 20.1 0.0 48.0

88 16.7 0.0 34.8

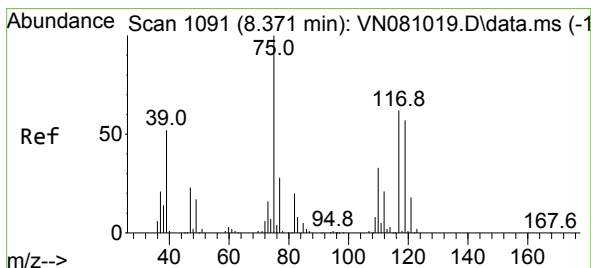
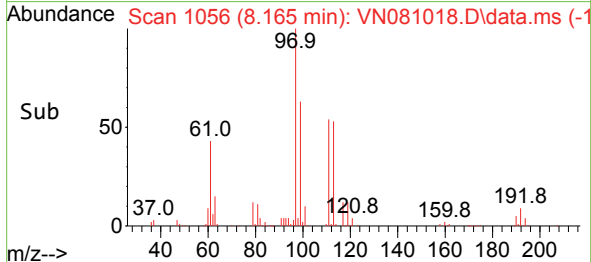
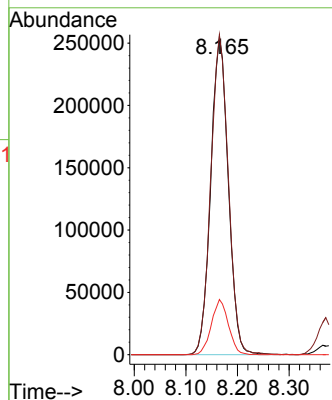
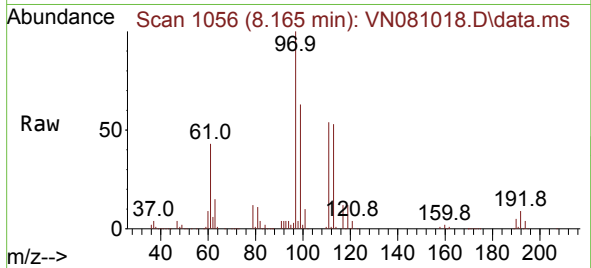




#35
Dibromofluoromethane
Concen: 98.422 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

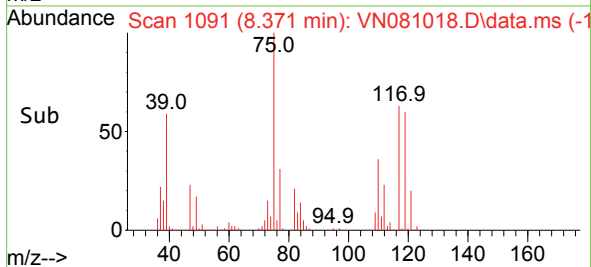
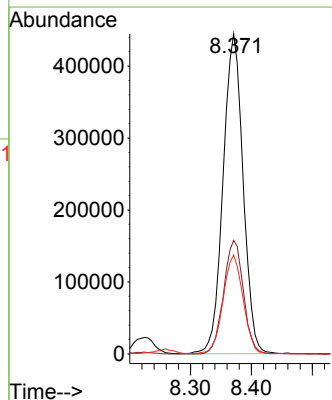
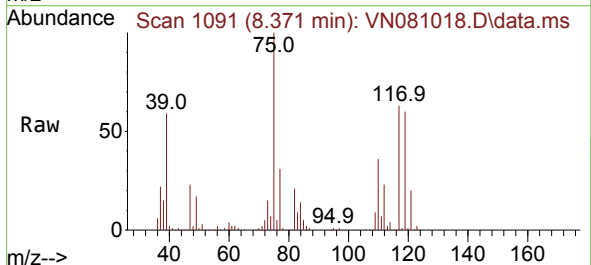
Instrument :
MSVOA_N
ClientSampleId :

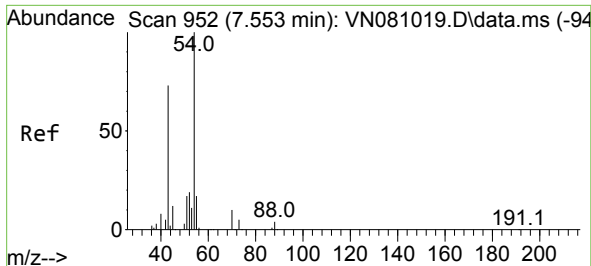
Tgt Ion:113 Resp: 601020
Ion Ratio Lower Upper
113 100
111 101.0 82.2 123.4
192 16.8 12.5 18.7



#36
1,1-Dichloropropene
Concen: 99.496 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 75 Resp: 1013738
Ion Ratio Lower Upper
75 100
110 35.2 16.0 48.0
77 31.2 25.8 38.6





#37

Ethyl Acetate

Concen: 97.066 ug/l

RT: 7.559 min Scan# 90

Delta R.T. 0.006 min

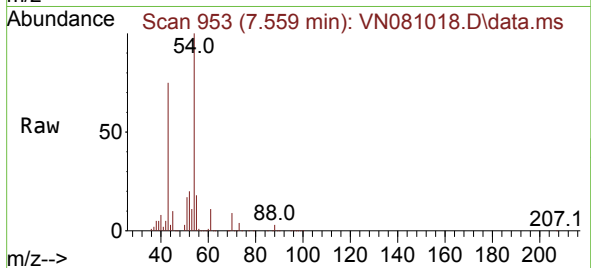
Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :



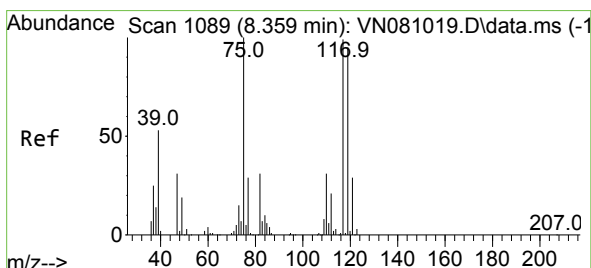
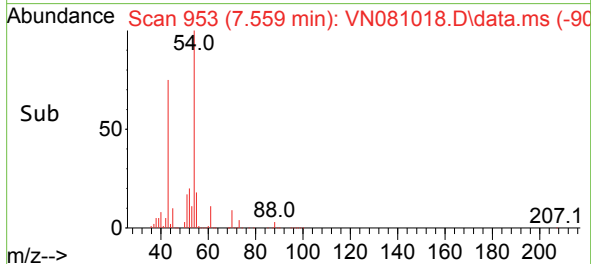
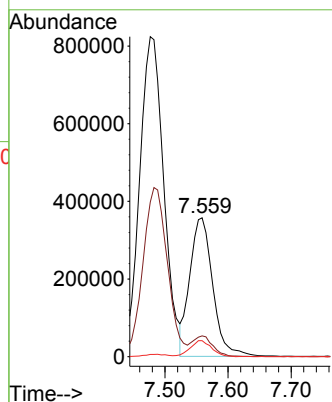
Tgt Ion: 43 Resp: 904683

Ion Ratio Lower Upper

43 100

61 13.1 10.6 15.8

70 10.6 8.0 12.0



#38

Carbon Tetrachloride

Concen: 110.915 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

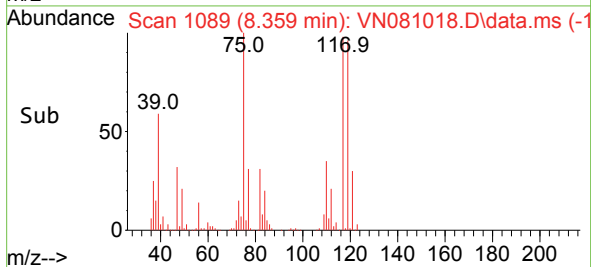
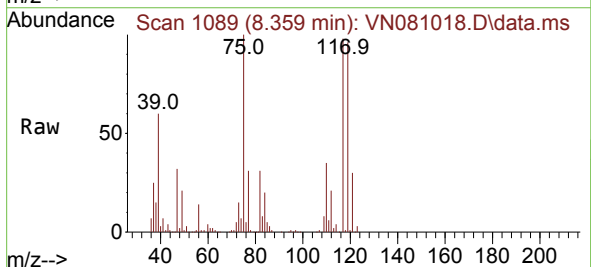
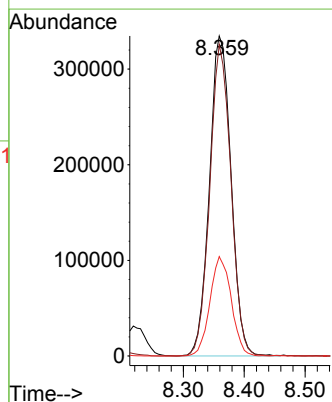
Tgt Ion: 117 Resp: 827181

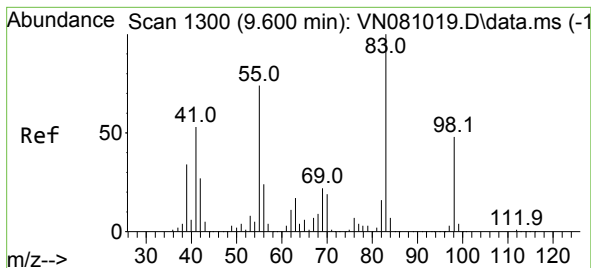
Ion Ratio Lower Upper

117 100

119 97.2 73.4 110.2

121 31.0 24.4 36.6





#39

Methylcyclohexane

Concen: 102.274 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

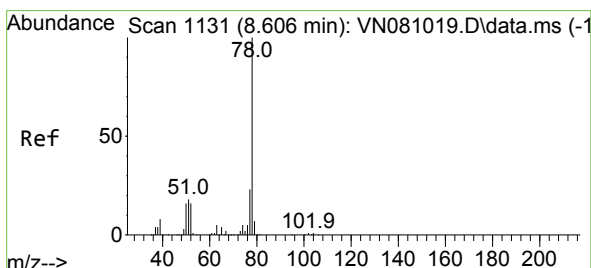
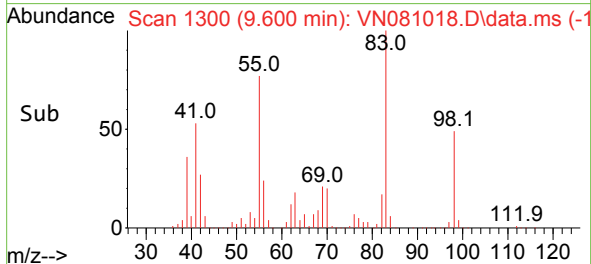
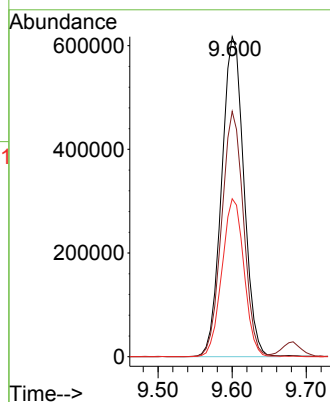
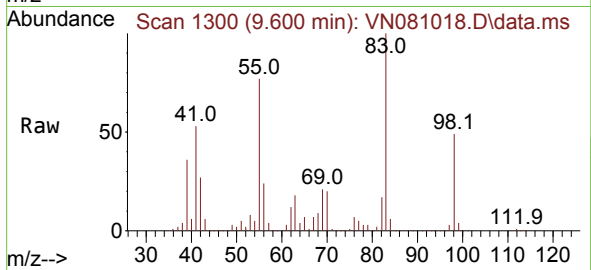
Tgt Ion: 83 Resp: 1281984

Ion Ratio Lower Upper

83 100

55 76.6 65.7 98.5

98 49.4 33.8 50.6



#40

Benzene

Concen: 98.649 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081018.D

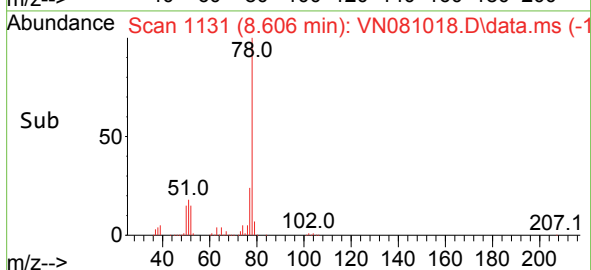
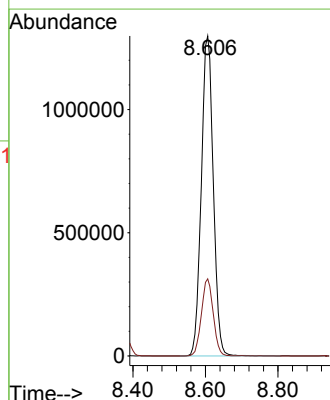
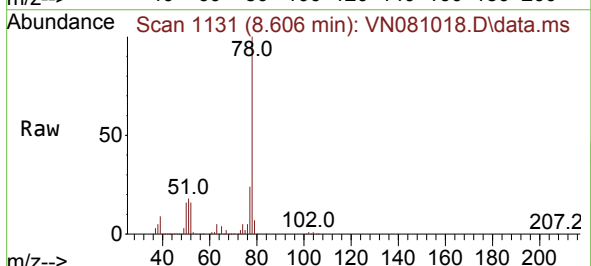
Acq: 14 Feb 2024 11:50

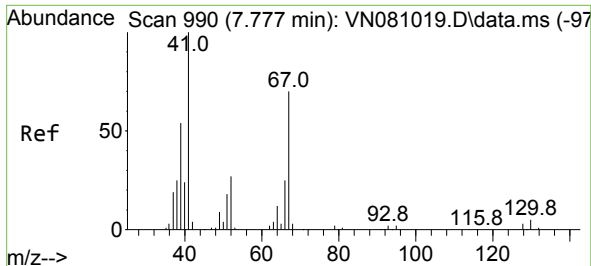
Tgt Ion: 78 Resp: 2972278

Ion Ratio Lower Upper

78 100

77 24.1 20.4 30.6



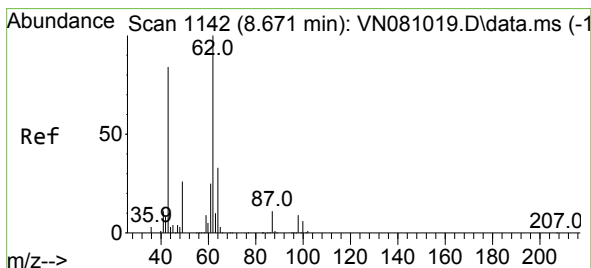
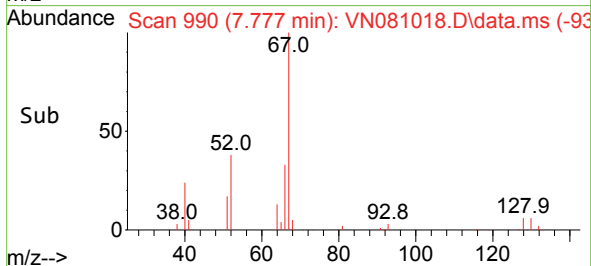
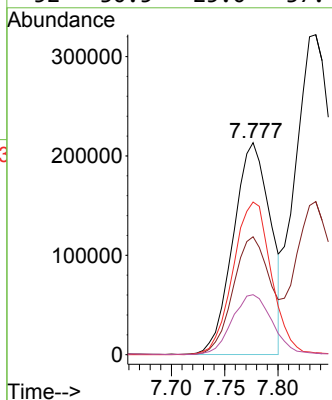
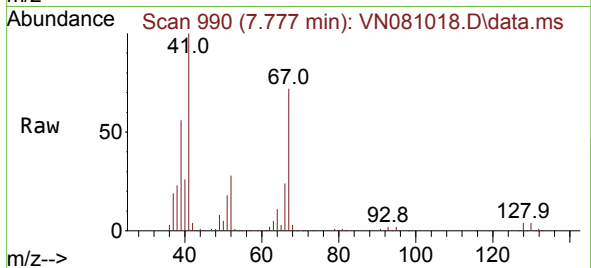


#41
Methacrylonitrile
Concen: 91.657 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 518576

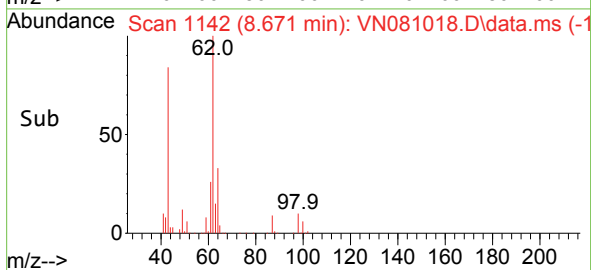
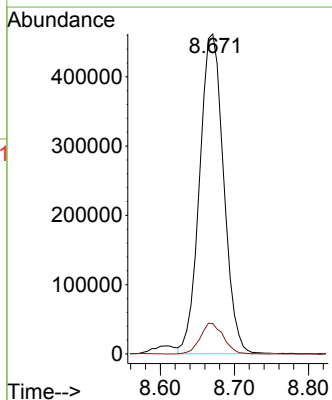
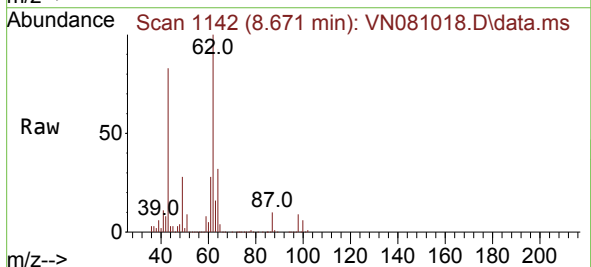
Ion	Ratio	Lower	Upper
41	100		
39	55.3	48.4	72.6
67	74.5	56.8	85.2
52	30.5	25.0	37.4

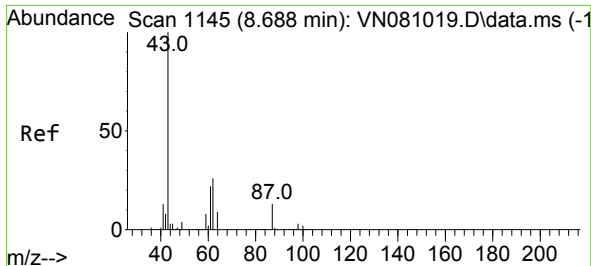


#42
1,2-Dichloroethane
Concen: 97.259 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 62 Resp: 1040172

Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.0

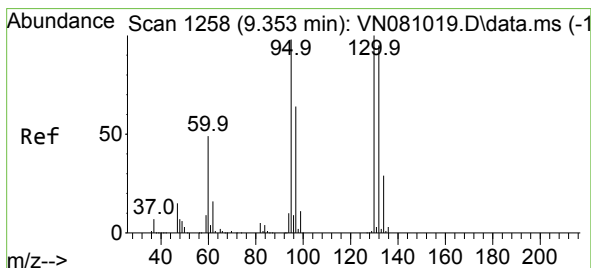
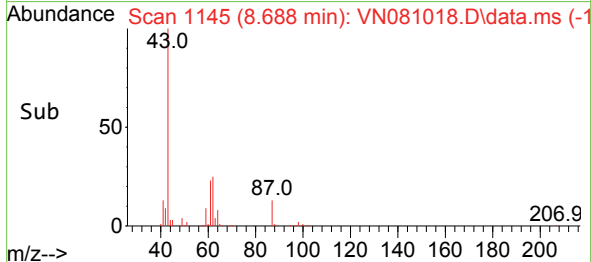
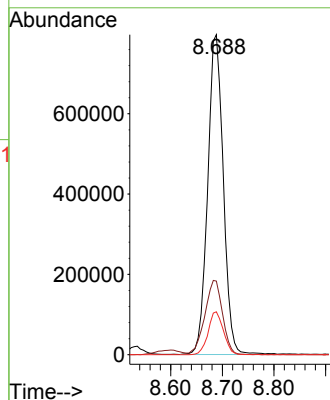
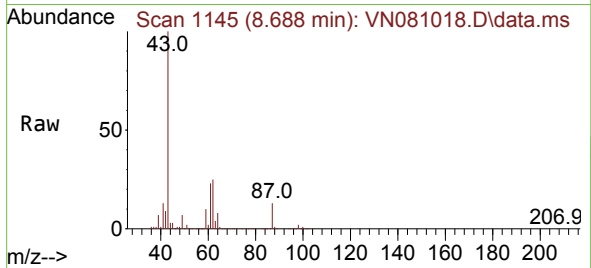




#43
Isopropyl Acetate
Concen: 95.786 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

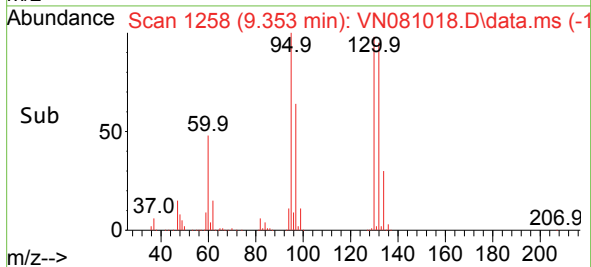
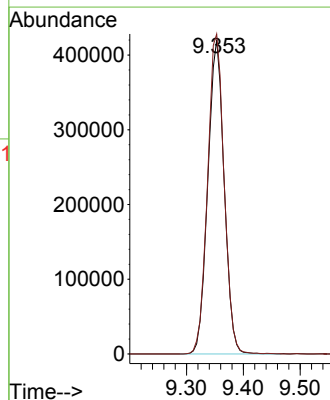
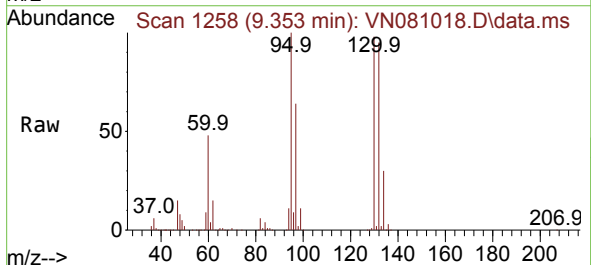
Instrument :
MSVOA_N
ClientSampleId :

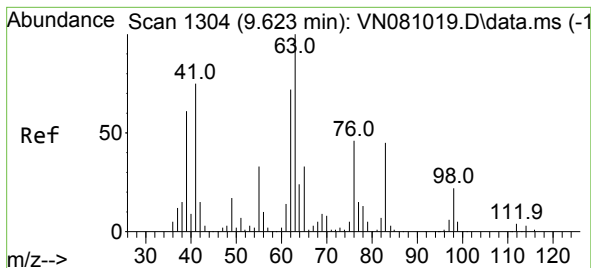
Tgt Ion: 43 Resp: 1672585
Ion Ratio Lower Upper
43 100
61 26.2 19.9 29.9
87 13.1 9.0 13.6



#44
Trichloroethene
Concen: 93.594 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:130 Resp: 835241
Ion Ratio Lower Upper
130 100
95 101.9 0.0 210.4





#45

1,2-Dichloropropane

Concen: 101.437 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

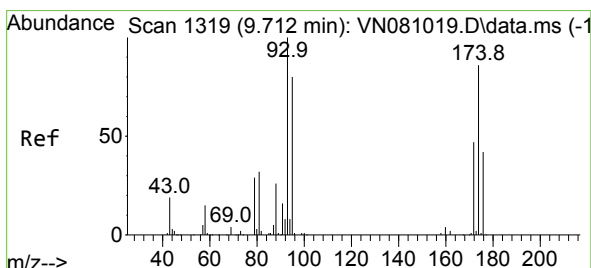
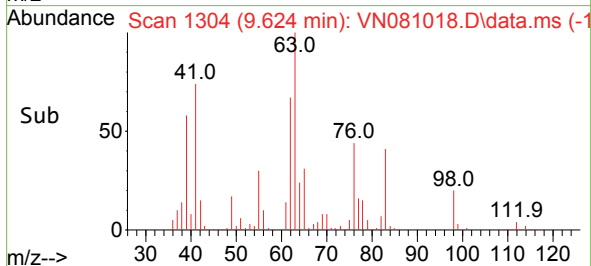
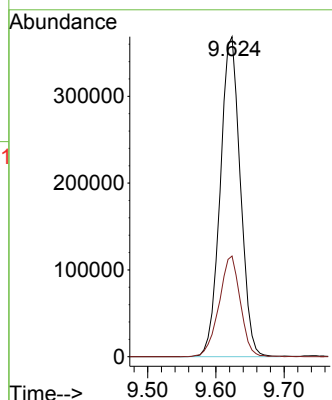
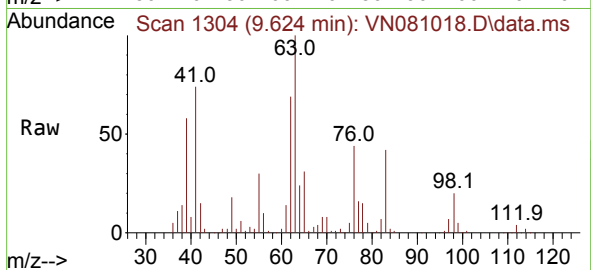
ClientSampleId :

Tgt Ion: 63 Resp: 756031

Ion Ratio Lower Upper

63 100

65 31.5 26.1 39.1



#46

Dibromomethane

Concen: 99.647 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

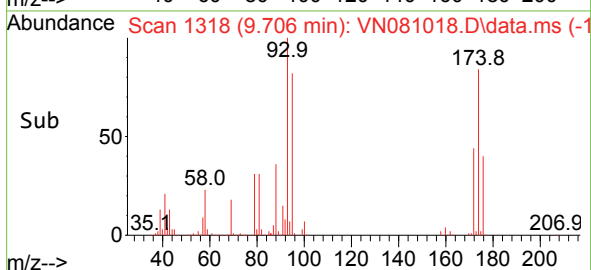
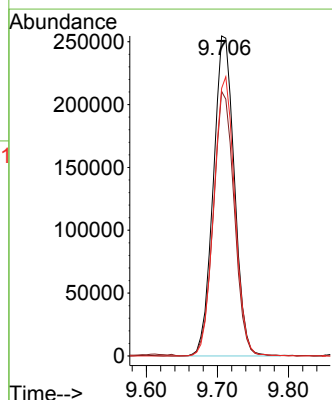
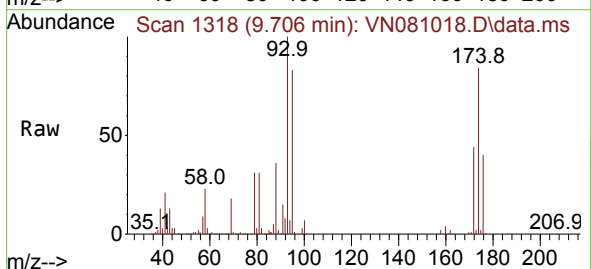
Tgt Ion: 93 Resp: 524237

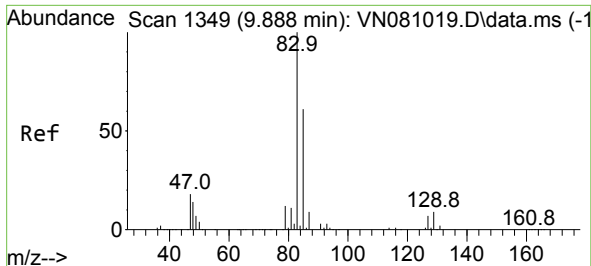
Ion Ratio Lower Upper

93 100

95 81.6 68.1 102.1

174 86.5 57.2 85.8





#47

Bromodichloromethane

Concen: 103.267 ug/l

RT: 9.888 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

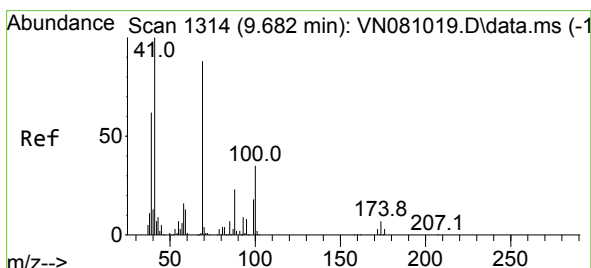
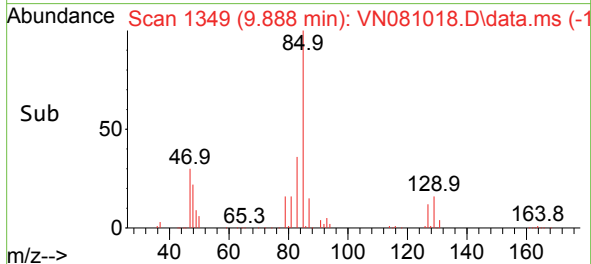
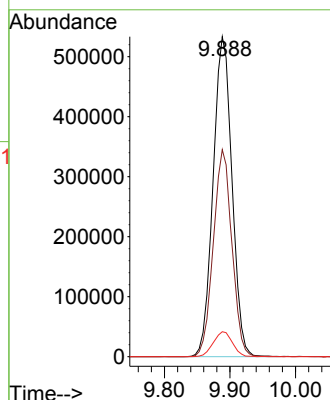
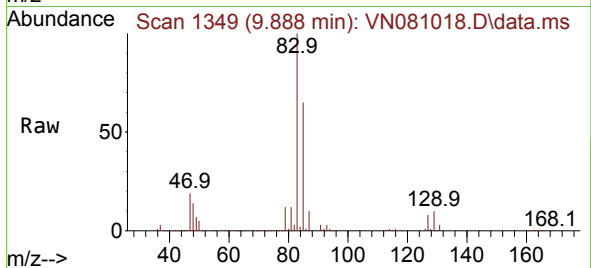
MSVOA_N

ClientSampleId :

Tgt Ion: 83 Resp: 1064758

Ion Ratio Lower Upper

83	100		
85	64.7	52.3	78.5
127	7.8	4.6	7.0



#48

Methyl methacrylate

Concen: 97.847 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

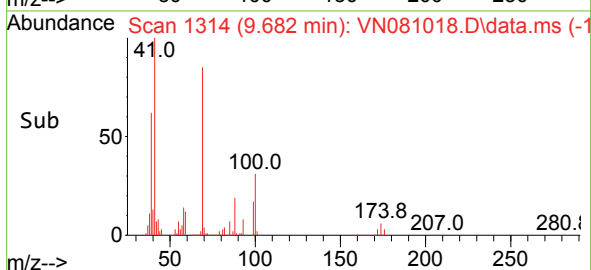
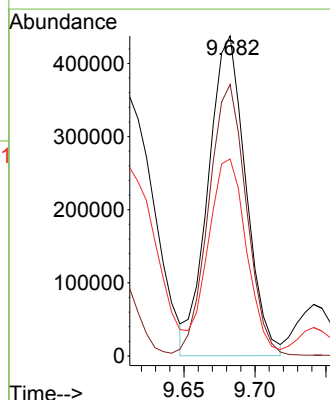
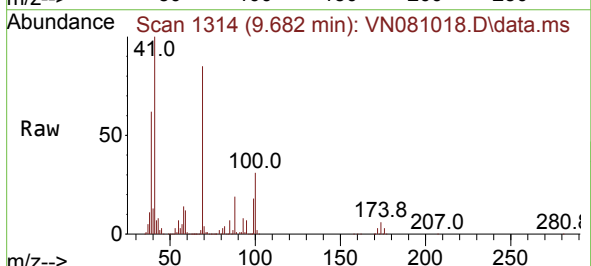
Lab File: VN081018.D

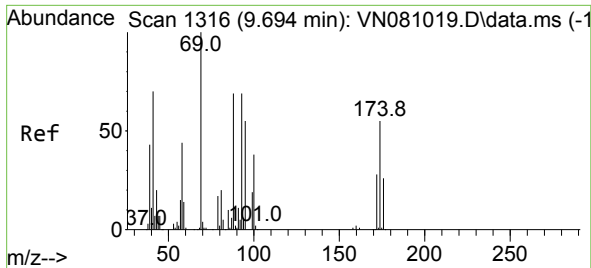
Acq: 14 Feb 2024 11:50

Tgt Ion: 41 Resp: 804438

Ion Ratio Lower Upper

41	100		
69	85.5	62.2	93.2
39	62.5	47.6	71.4

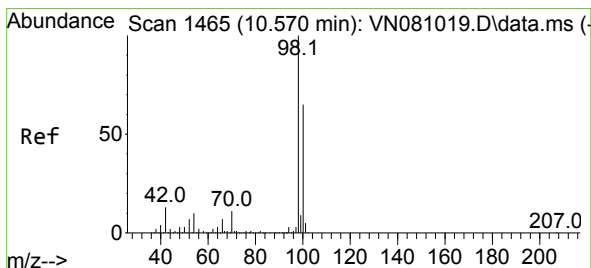
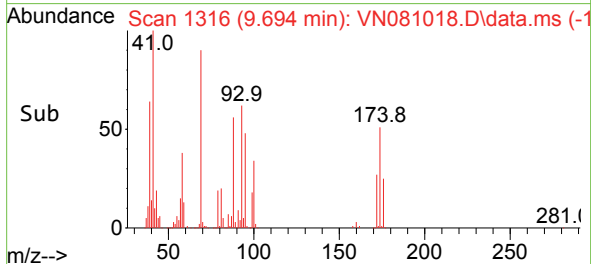
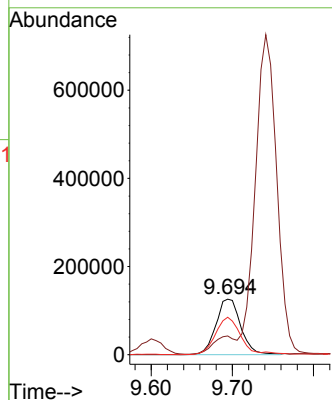
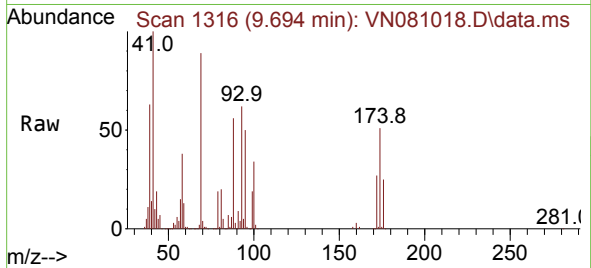




#49
1,4-Dioxane
Concen: 1964.600 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

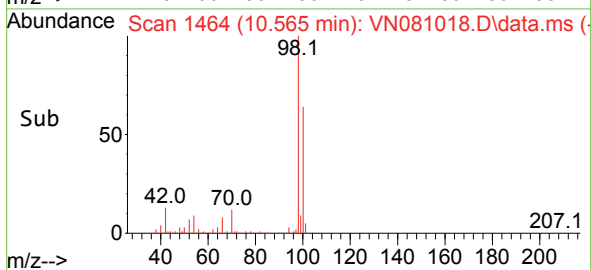
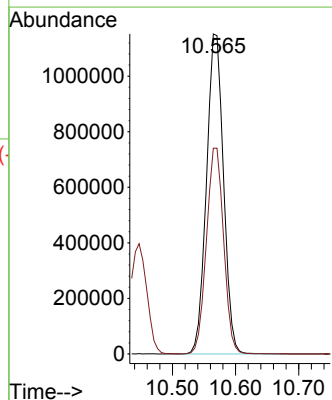
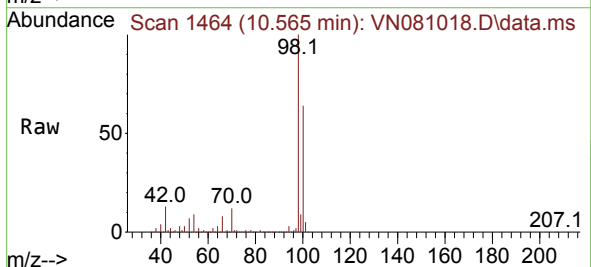
Instrument :
MSVOA_N
ClientSampleId :

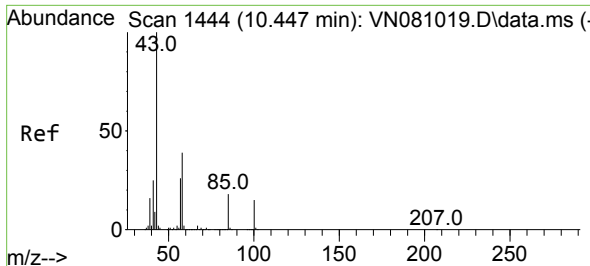
Tgt Ion: 88 Resp: 266962
Ion Ratio Lower Upper
88 100
43 30.5 30.1 45.1
58 69.9 63.9 95.9



#50
Toluene-d8
Concen: 100.167 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 98 Resp: 2157221
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0

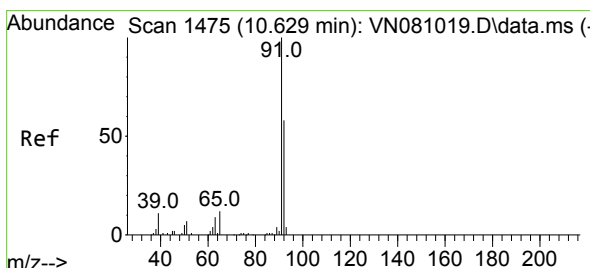
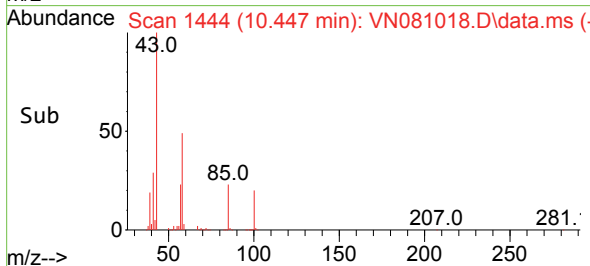
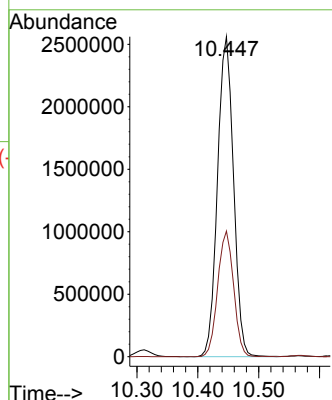
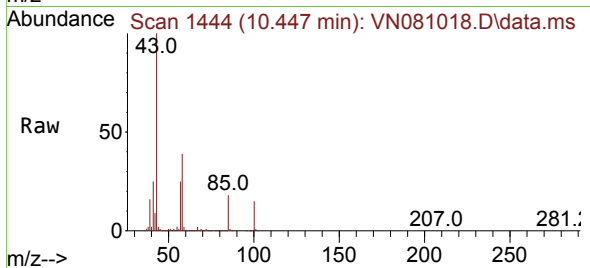




#51
4-Methyl-2-Pentanone
Concen: 478.472 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

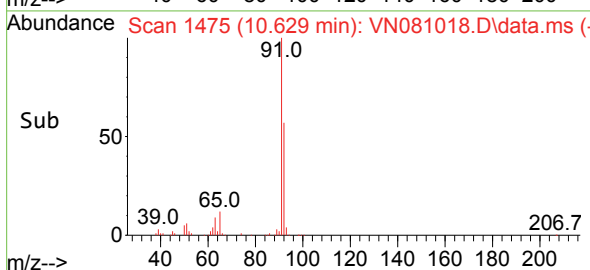
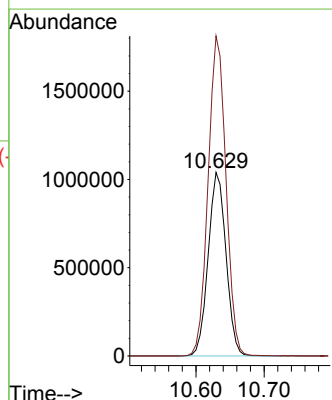
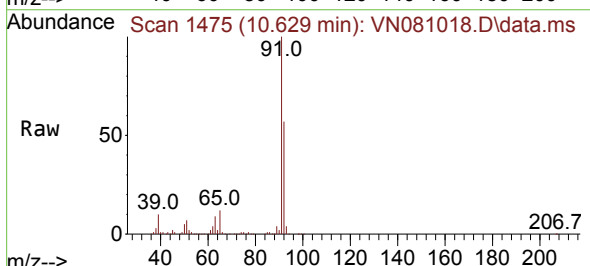
Instrument :
MSVOA_N
ClientSampleId :

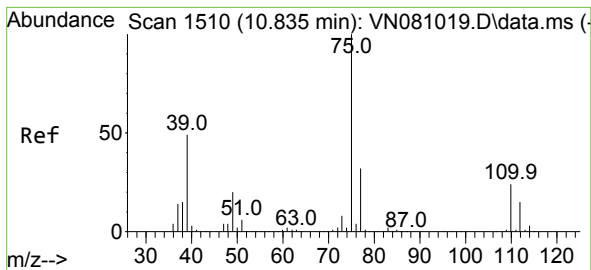
Tgt Ion: 43 Resp: 4659464
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.0



#52
Toluene
Concen: 100.506 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 92 Resp: 1891613
Ion Ratio Lower Upper
92 100
91 174.8 139.4 209.0

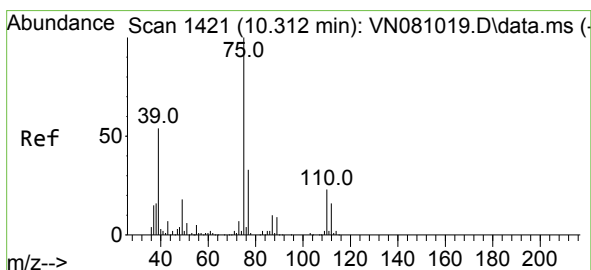
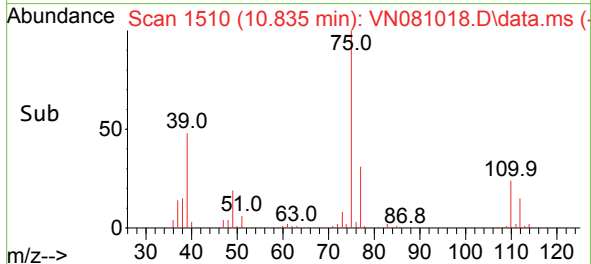
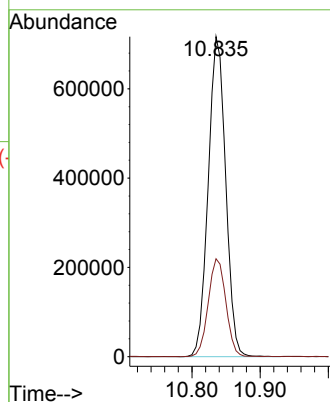
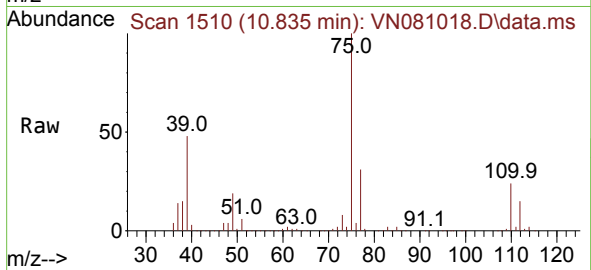




#53
t-1,3-Dichloropropene
Concen: 105.030 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

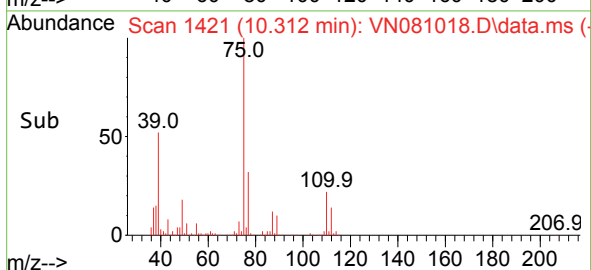
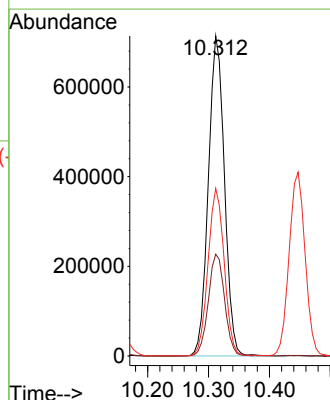
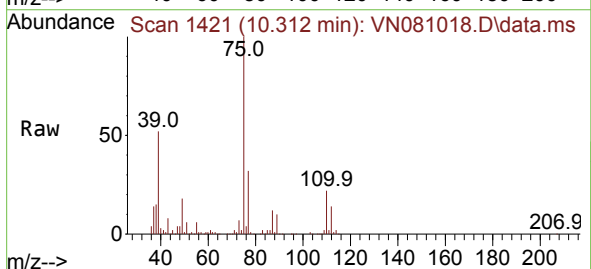
Instrument :
MSVOA_N
ClientSampleId :

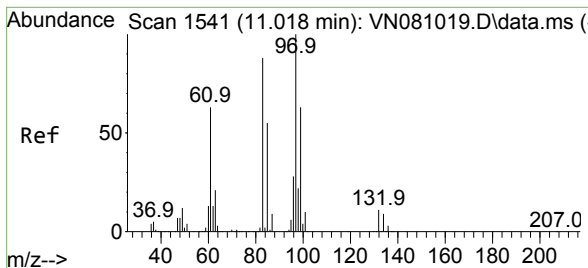
Tgt Ion: 75 Resp: 1275847
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 101.954 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 75 Resp: 1309806
Ion Ratio Lower Upper
75 100
77 31.8 23.3 34.9
39 52.3 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 102.285 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

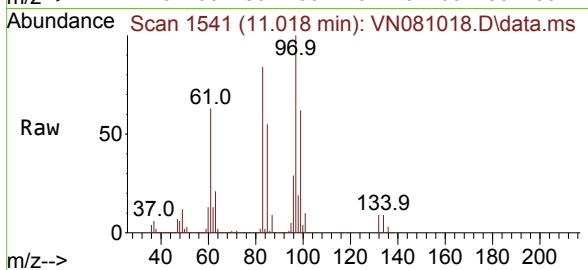
Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 723921

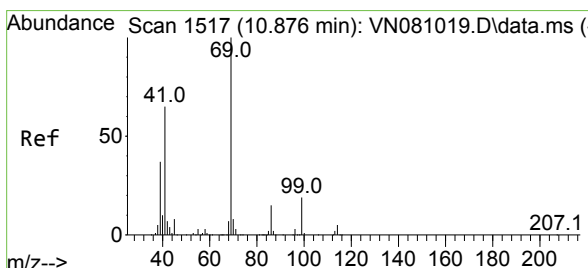
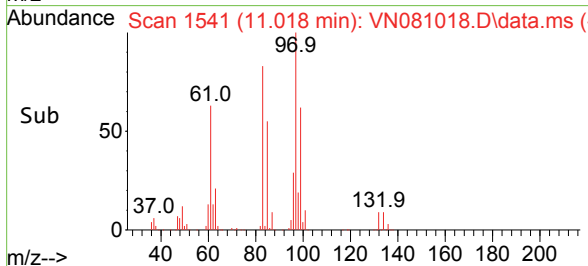
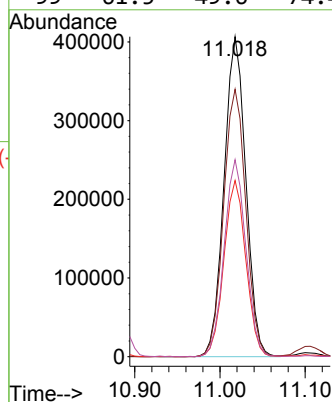
Ion Ratio Lower Upper

97 100

83 83.6 72.9 109.3

85 55.0 50.2 75.2

99 61.5 49.6 74.4



#56

Ethyl methacrylate

Concen: 101.603 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

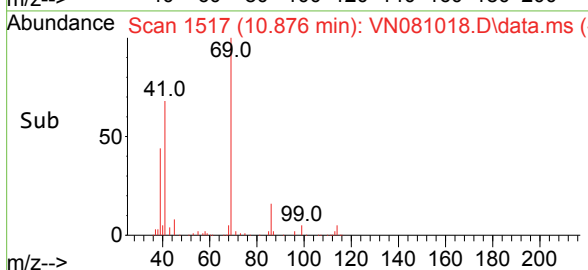
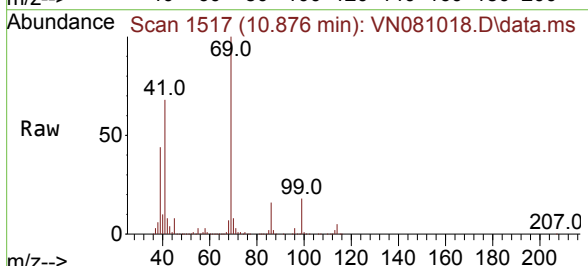
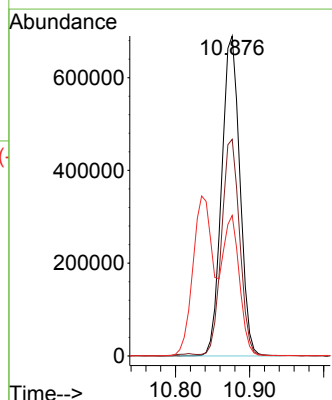
Tgt Ion: 69 Resp: 1177435

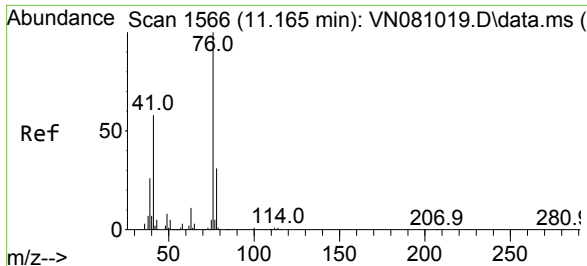
Ion Ratio Lower Upper

69 100

41 67.1 61.0 91.6

39 38.0 31.8 47.6





#57

1,3-Dichloropropane

Concen: 100.387 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

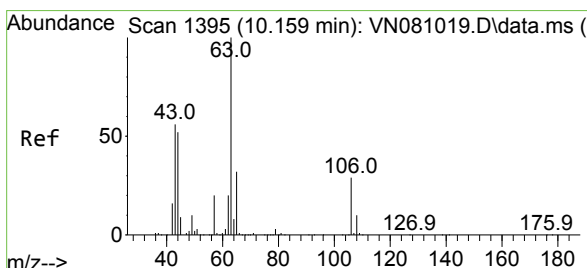
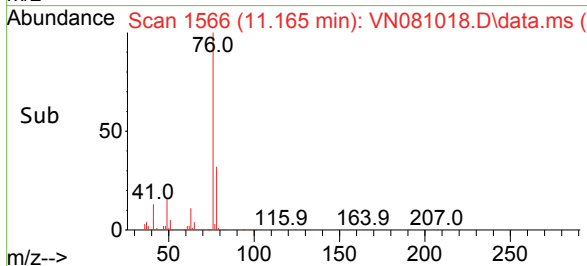
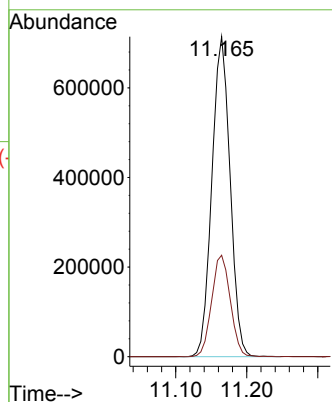
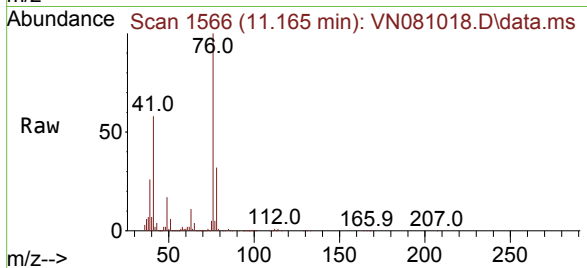
ClientSampleId :

Tgt Ion: 76 Resp: 1269256

Ion Ratio Lower Upper

76 100

78 32.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 482.378 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN081018.D

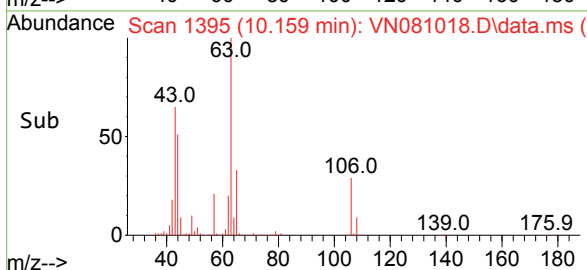
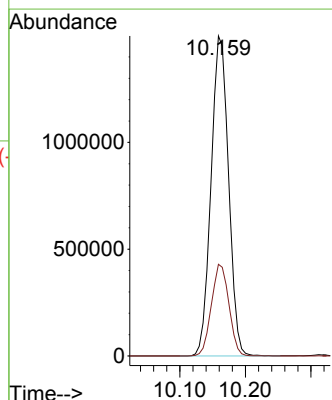
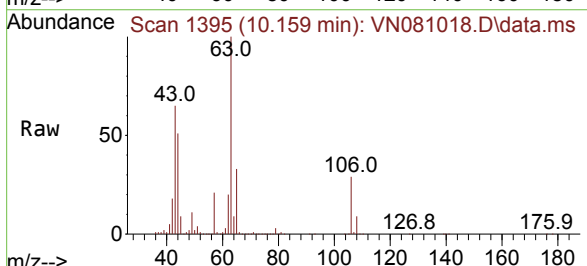
Acq: 14 Feb 2024 11:50

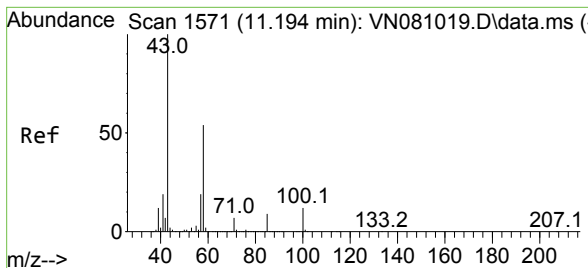
Tgt Ion: 63 Resp: 2773778

Ion Ratio Lower Upper

63 100

106 28.7 18.6 28.0#

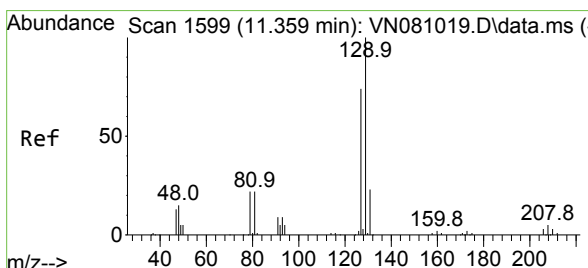
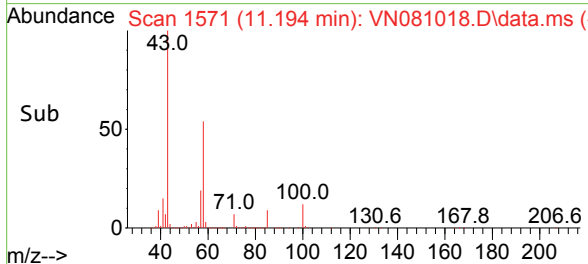
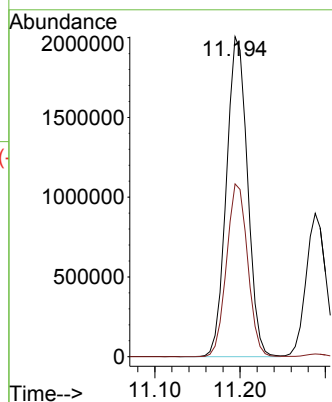
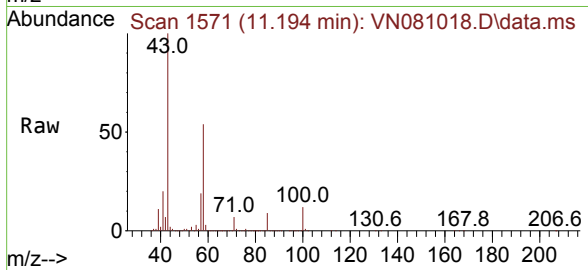




#59
2-Hexanone
Concen: 481.149 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

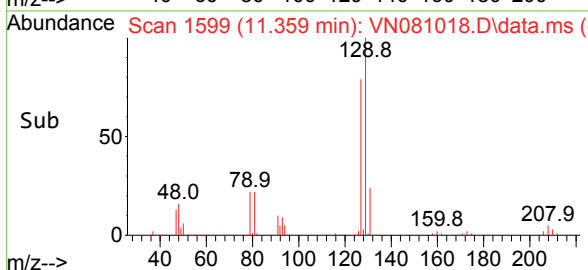
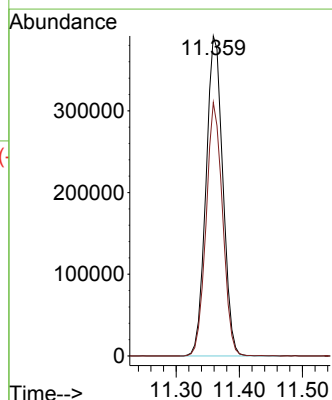
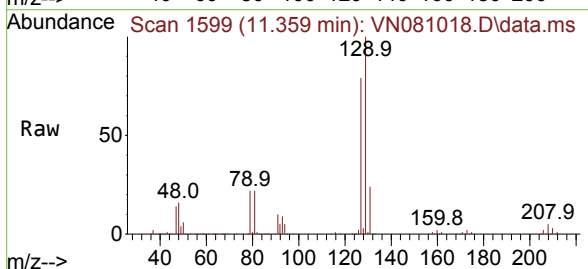
Instrument :
MSVOA_N
ClientSampleId :

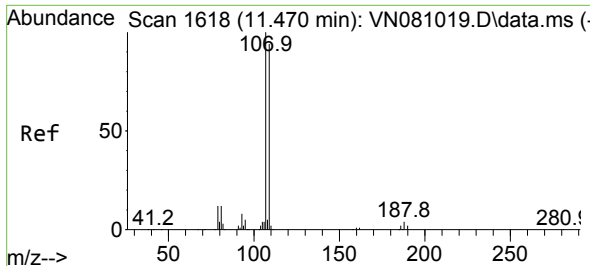
Tgt Ion: 43 Resp: 3441140
Ion Ratio Lower Upper
43 100
58 54.1 25.9 77.8



#60
Dibromochloromethane
Concen: 107.788 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 129 Resp: 725409
Ion Ratio Lower Upper
129 100
127 77.4 39.4 118.2

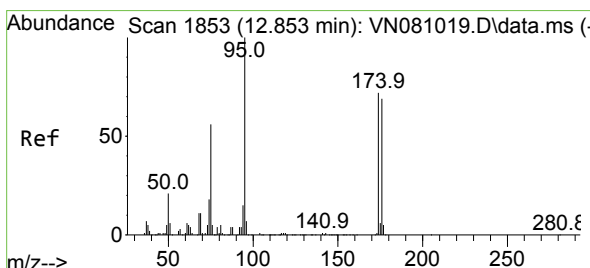
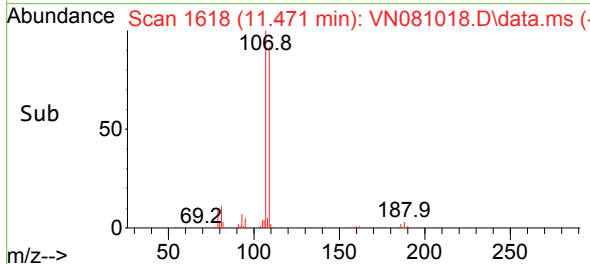
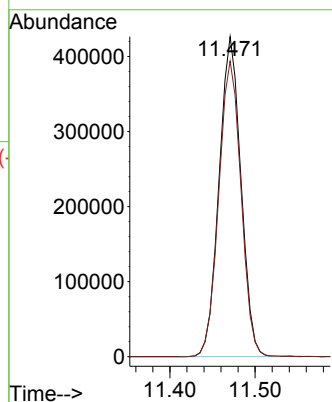
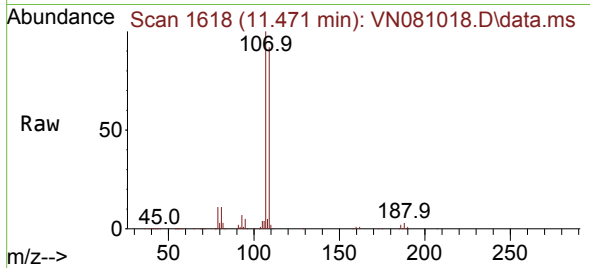




#61
1,2-Dibromoethane
Concen: 102.010 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

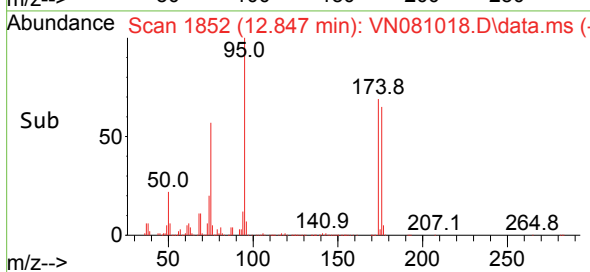
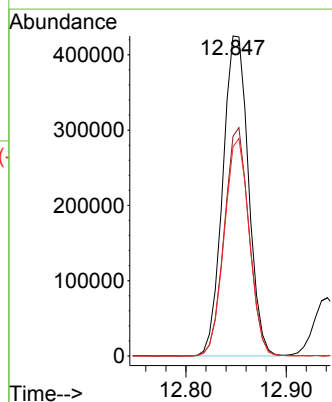
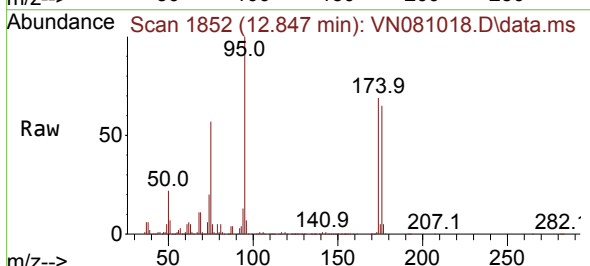
Instrument :
MSVOA_N
ClientSampleId :

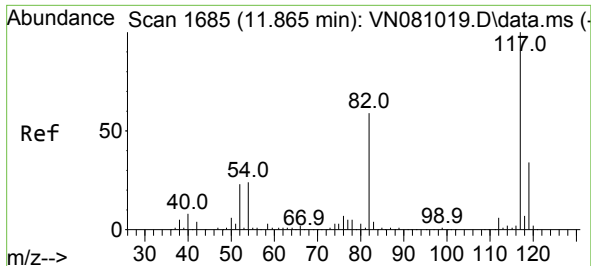
Tgt Ion:107 Resp: 759139
Ion Ratio Lower Upper
107 100
109 93.9 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 102.989 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 95 Resp: 754351
Ion Ratio Lower Upper
95 100
174 68.7 0.0 120.4
176 66.5 0.0 121.0

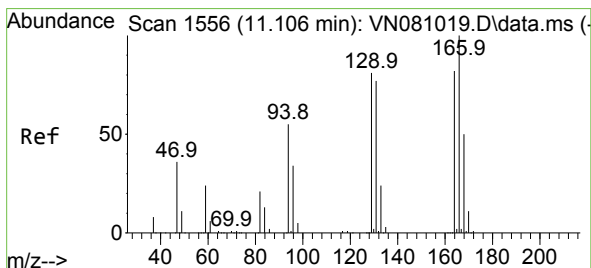
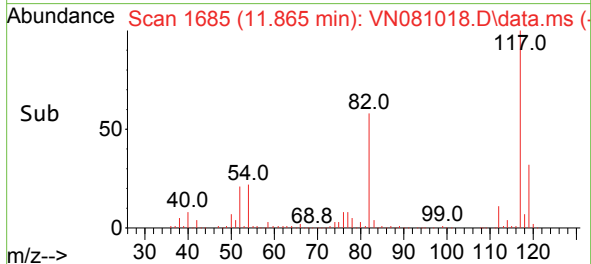
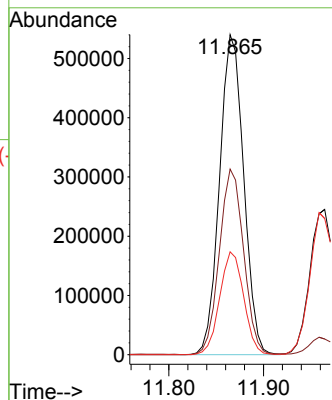
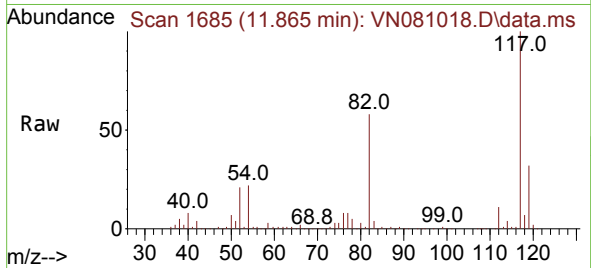




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

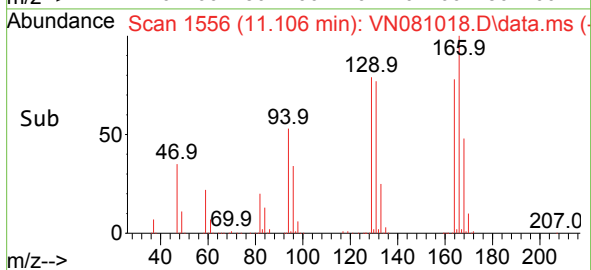
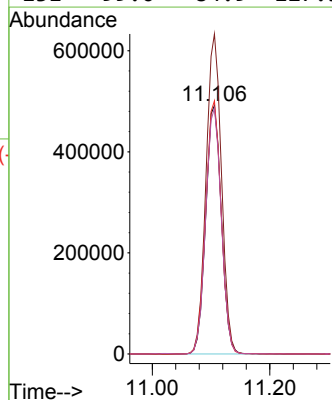
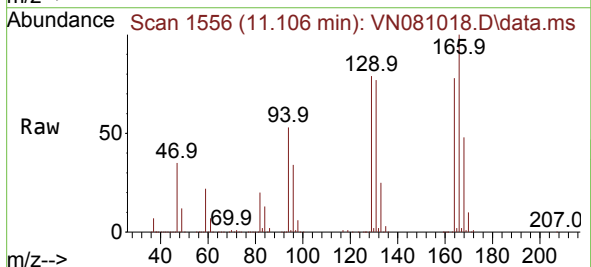
Instrument :
MSVOA_N
ClientSampleId :

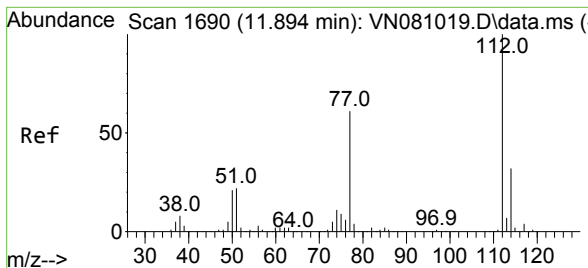
Tgt Ion:117 Resp: 958266
Ion Ratio Lower Upper
117 100
82 57.9 52.7 79.1
119 32.1 25.3 37.9



#64
Tetrachloroethene
Concen: 92.563 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:164 Resp: 904269
Ion Ratio Lower Upper
164 100
166 128.8 105.8 158.6
129 101.8 89.6 134.4
131 99.0 84.9 127.3

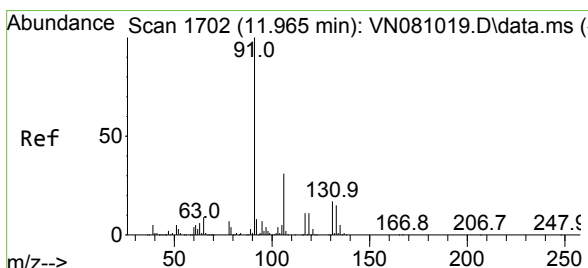
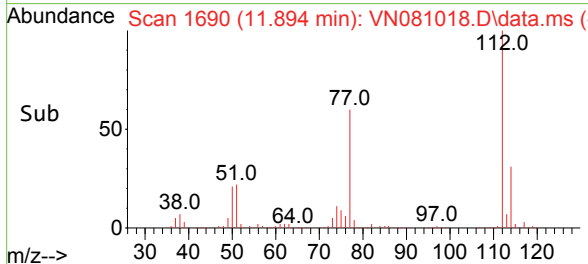
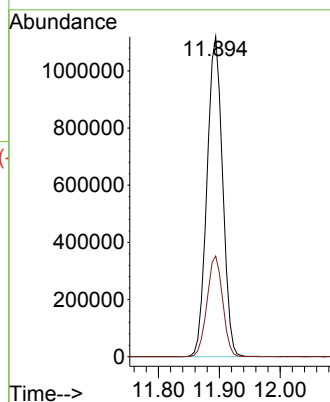
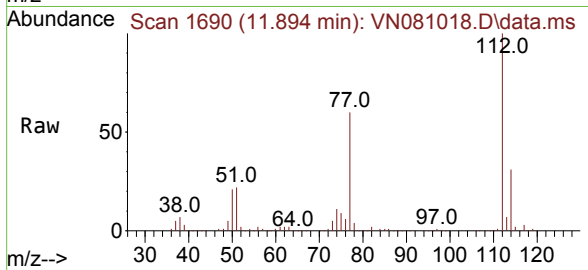




#65
Chlorobenzene
Concen: 99.066 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

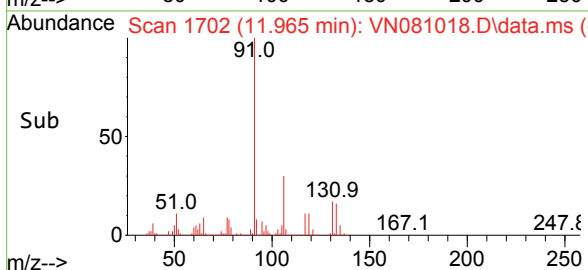
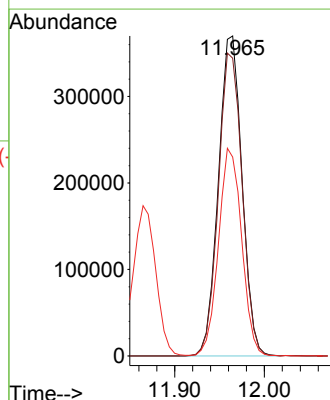
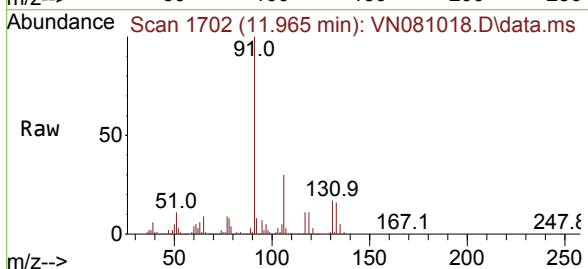
Instrument :
MSVOA_N
ClientSampleId :

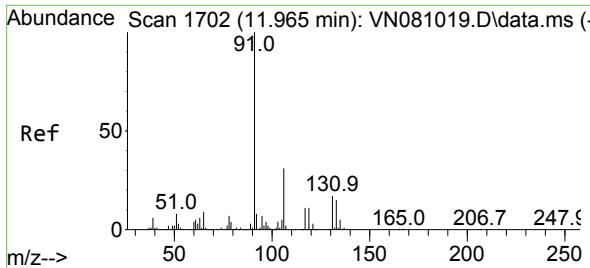
Tgt Ion:112 Resp: 1990625
Ion Ratio Lower Upper
112 100
114 31.5 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 97.745 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:131 Resp: 676198
Ion Ratio Lower Upper
131 100
133 95.2 46.8 140.3
119 63.8 34.6 103.9

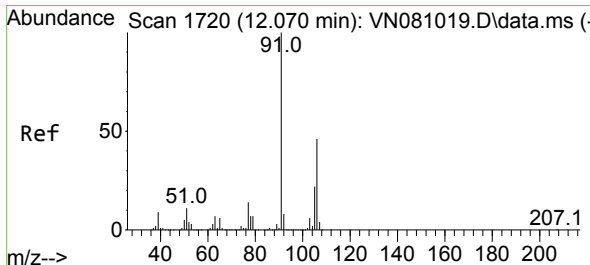
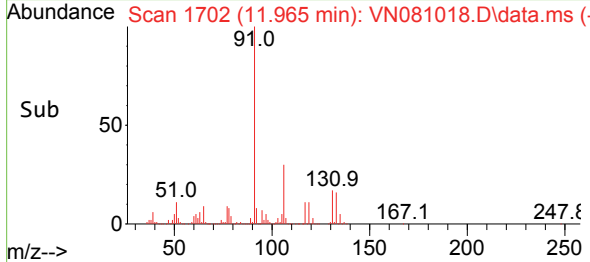
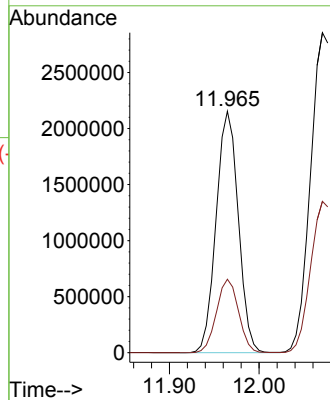
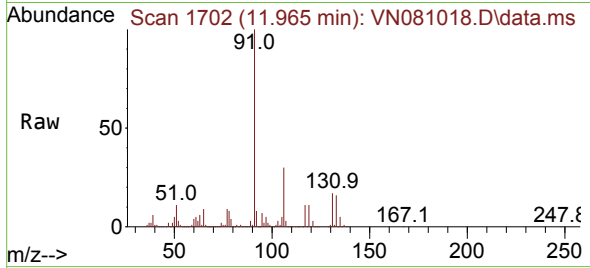




#67
Ethyl Benzene
Concen: 97.550 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

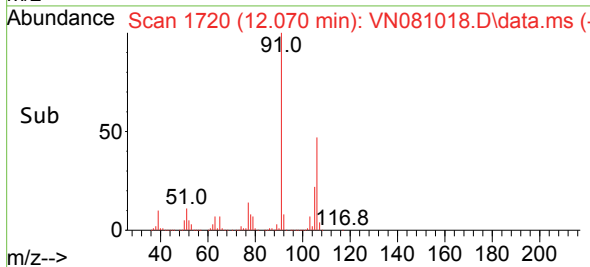
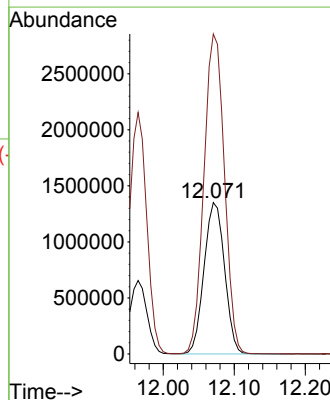
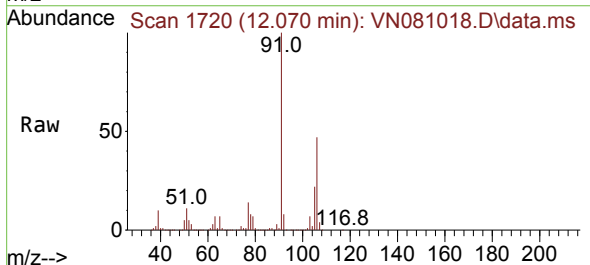
Instrument :
MSVOA_N
ClientSampleId :

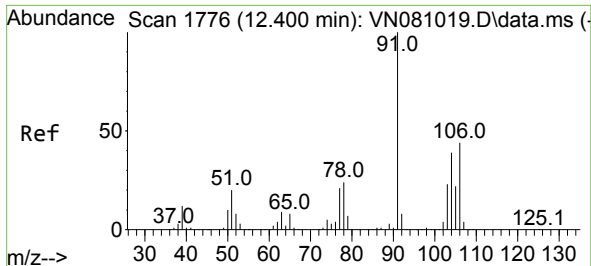
Tgt Ion: 91 Resp: 3695451
Ion Ratio Lower Upper
91 100
106 30.4 23.8 35.6



#68
m/p-Xylenes
Concen: 194.215 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:106 Resp: 2713173
Ion Ratio Lower Upper
106 100
91 211.4 169.0 253.6

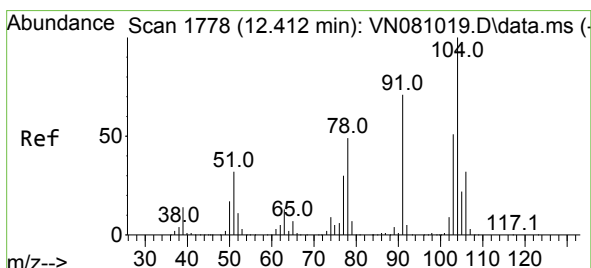
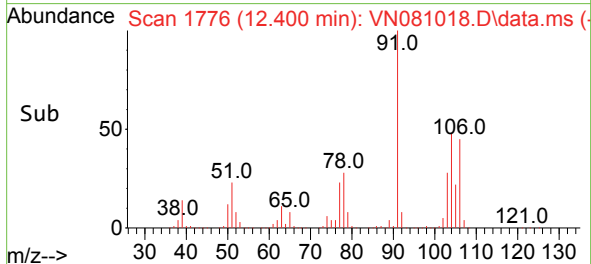
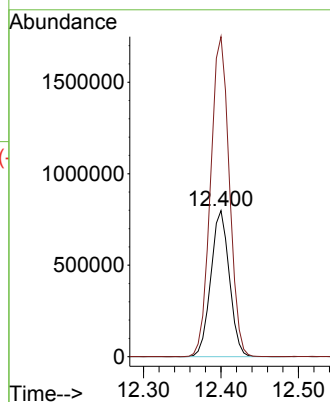
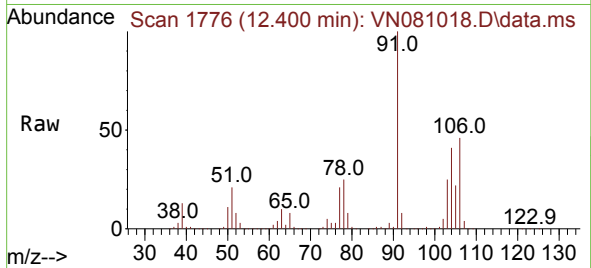




#69
o-Xylene
Concen: 97.748 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

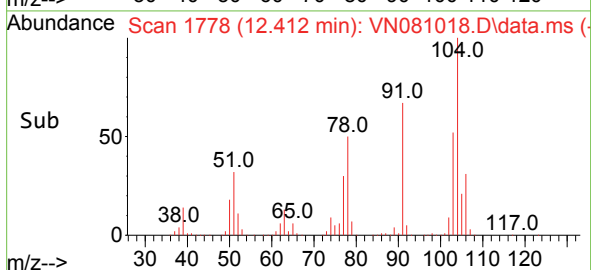
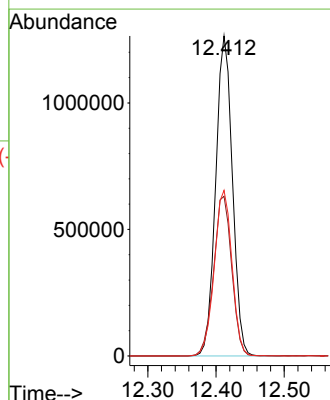
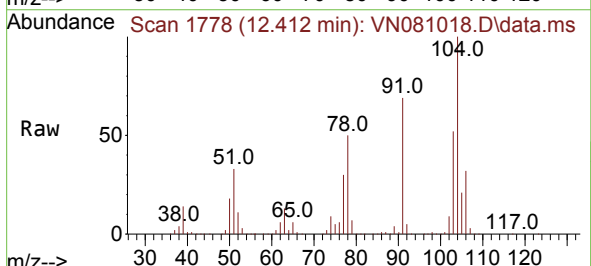
Instrument :
MSVOA_N
ClientSampleId :

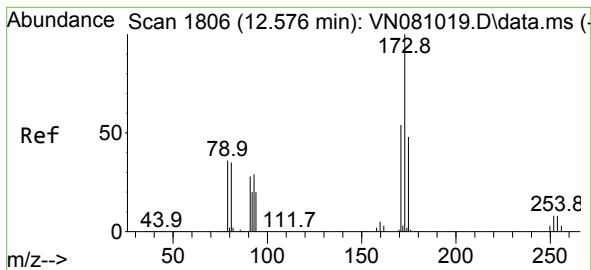
Tgt Ion:106 Resp: 1324370
Ion Ratio Lower Upper
106 100
91 222.2 112.1 336.3



#70
Styrene
Concen: 99.995 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:104 Resp: 2159333
Ion Ratio Lower Upper
104 100
78 54.0 43.8 65.8
103 54.8 44.2 66.2





#71

Bromoform

Concen: 109.230 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

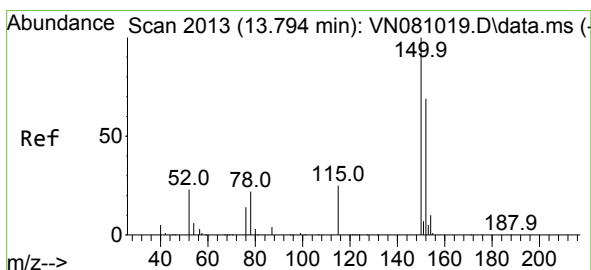
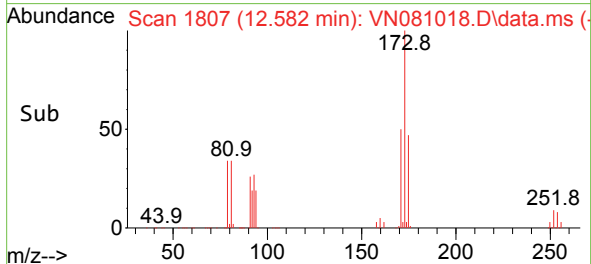
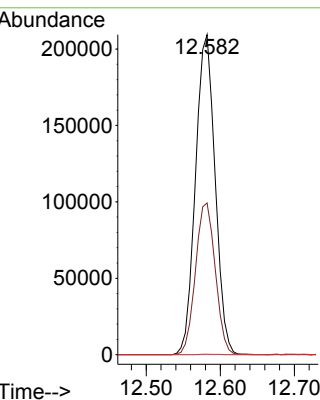
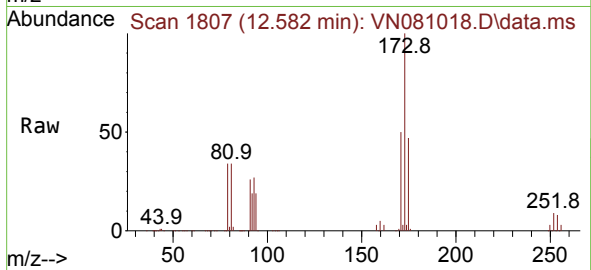
Tgt Ion:173 Resp: 384445

Ion Ratio Lower Upper

173 100

175 47.8 23.1 69.2

254 0.1 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: VN081018.D

Acq: 14 Feb 2024 11:50

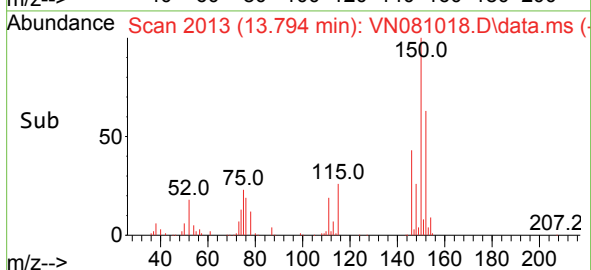
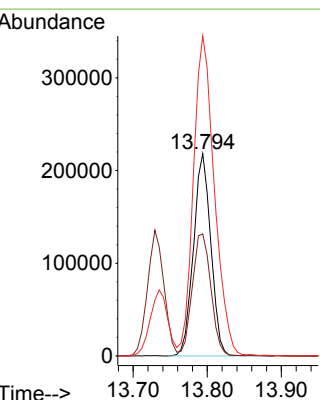
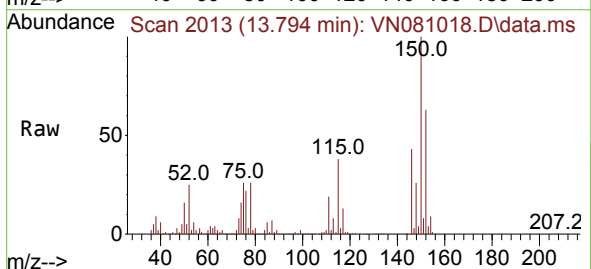
Tgt Ion:152 Resp: 355279

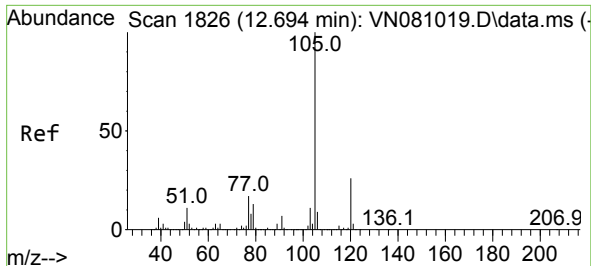
Ion Ratio Lower Upper

152 100

115 64.2 32.3 96.8

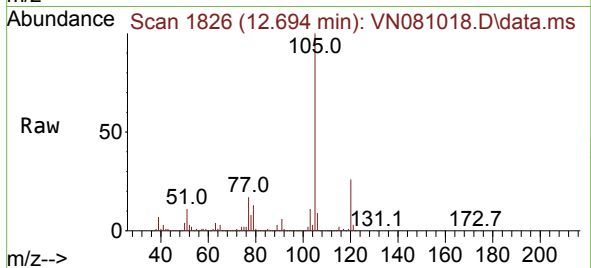
150 190.9 0.0 339.8



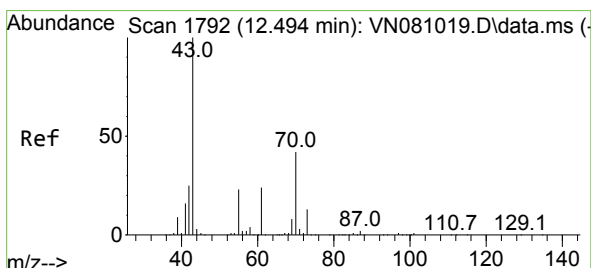
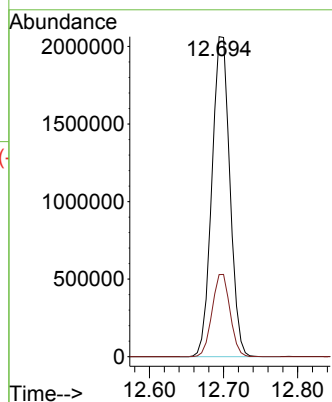
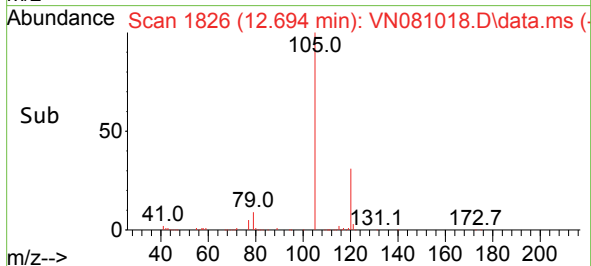


#73
Isopropylbenzene
Concen: 96.784 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Instrument :
MSVOA_N
ClientSampleId :

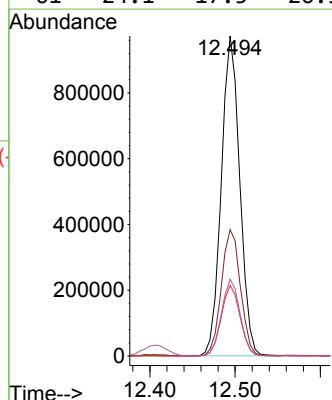
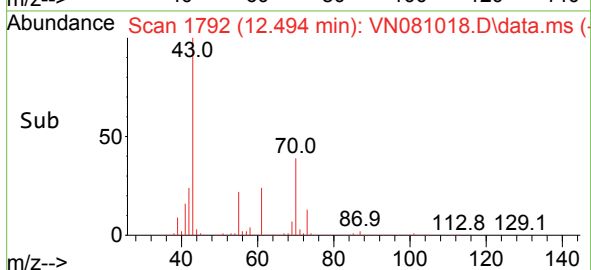
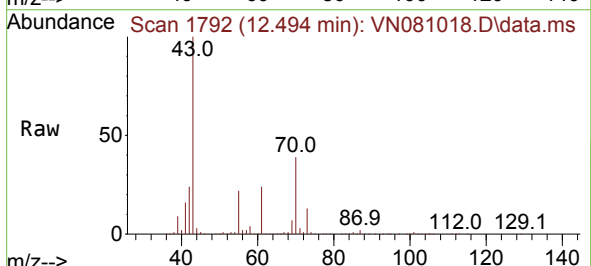


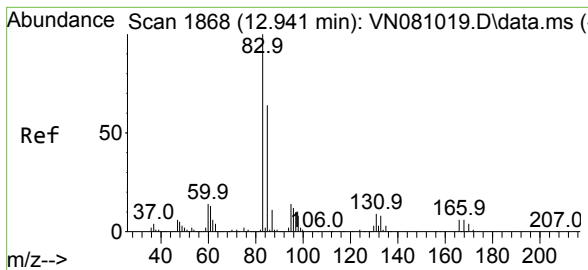
Tgt Ion:105 Resp: 3474117
Ion Ratio Lower Upper
105 100
120 25.7 12.6 37.6



#74
N-ethyl acetate
Concen: 88.539 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 43 Resp: 1462192
Ion Ratio Lower Upper
43 100
70 40.8 30.1 45.1
55 22.5 17.0 25.4
61 24.1 17.5 26.3

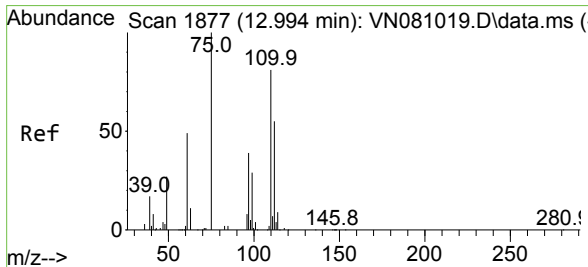
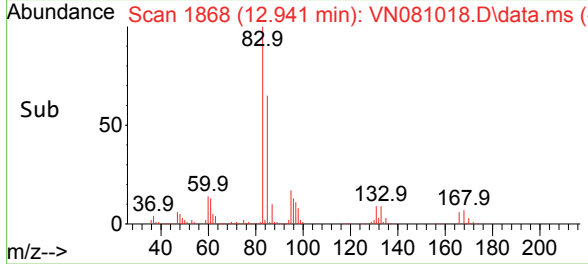
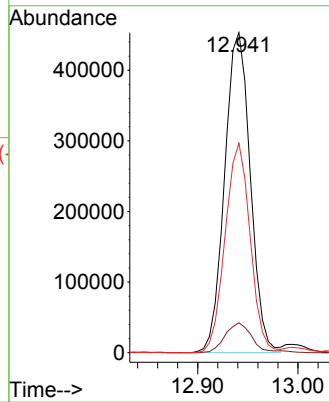
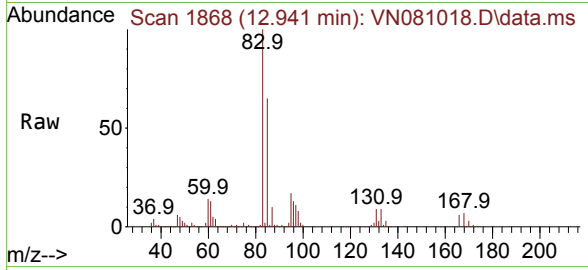




#75
1,1,2,2-Tetrachloroethane
Concen: 91.787 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

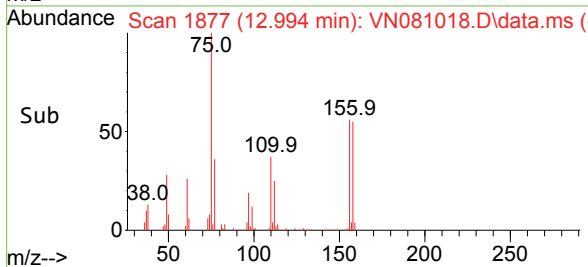
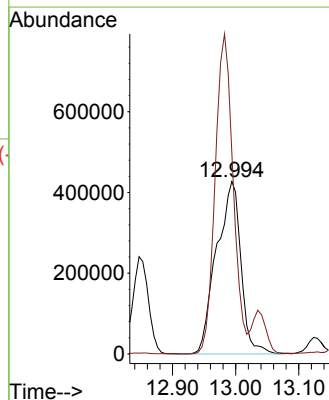
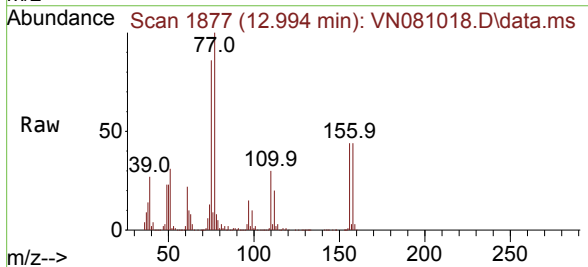
Instrument :
MSVOA_N
ClientSampleId :

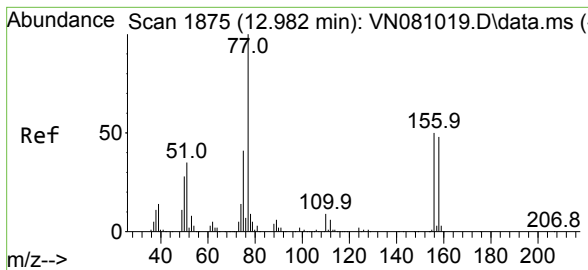
Tgt Ion: 83 Resp: 808687
Ion Ratio Lower Upper
83 100
131 9.8 4.1 12.3
85 63.7 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 148.273 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 75 Resp: 1144343
Ion Ratio Lower Upper
75 100
77 136.7 91.0 272.8

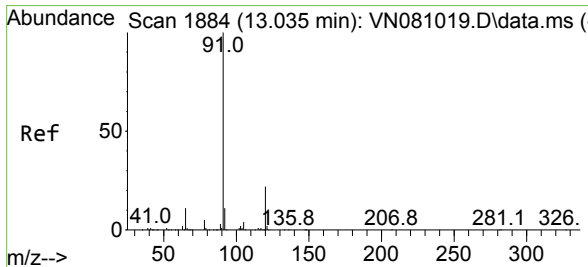
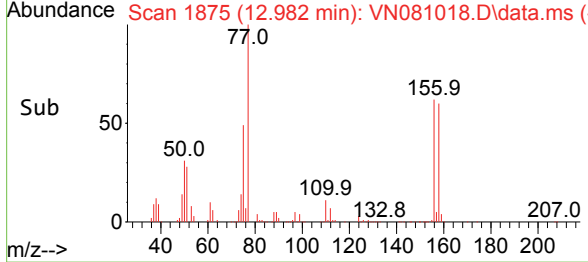
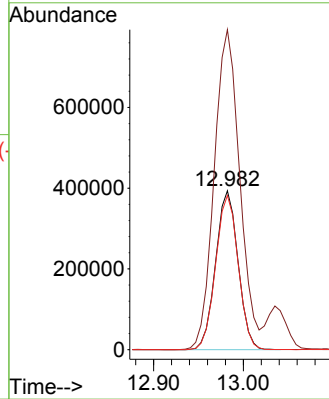
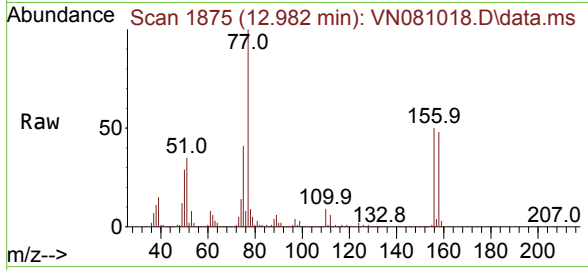




#77
Bromobenzene
Concen: 93.715 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

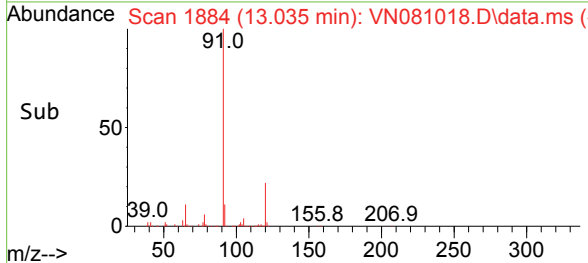
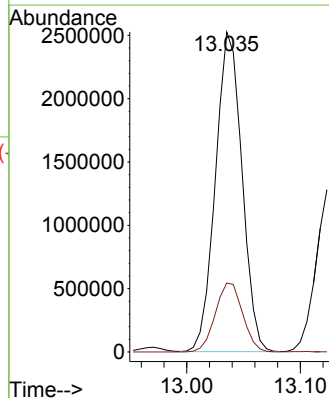
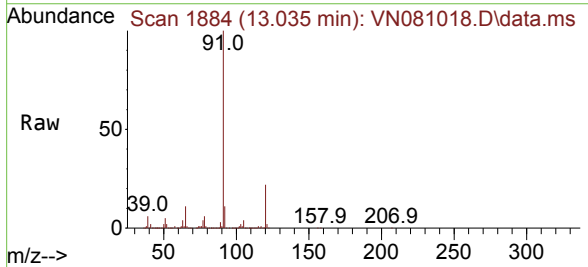
Instrument :
MSVOA_N
ClientSampleId :

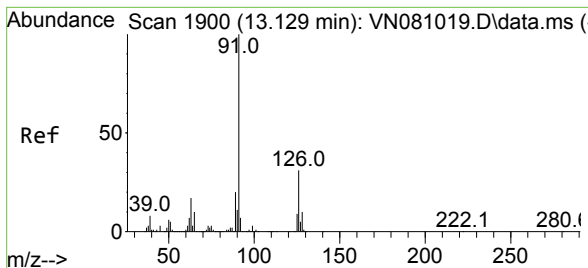
Tgt Ion:156 Resp: 681362
Ion Ratio Lower Upper
156 100
77 229.6 138.1 414.3
158 97.7 46.5 139.5



#78
n-propylbenzene
Concen: 99.883 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 91 Resp: 4091317
Ion Ratio Lower Upper
91 100
120 22.2 10.3 30.9

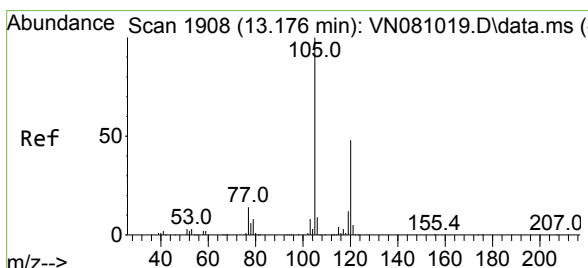
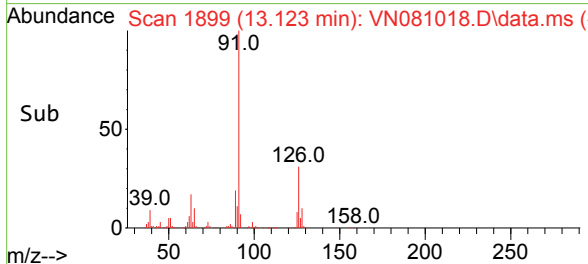
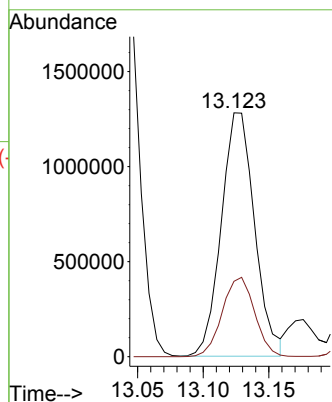
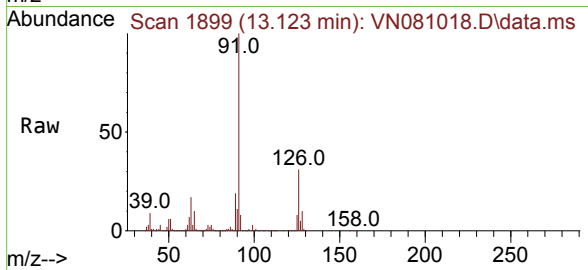




#79
2-Chlorotoluene
Concen: 95.799 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

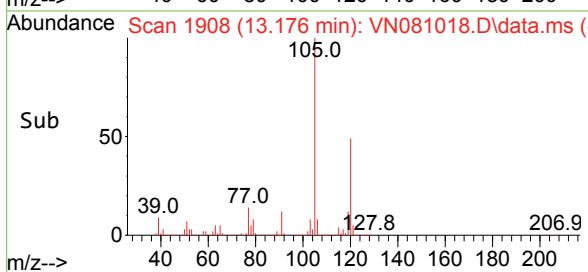
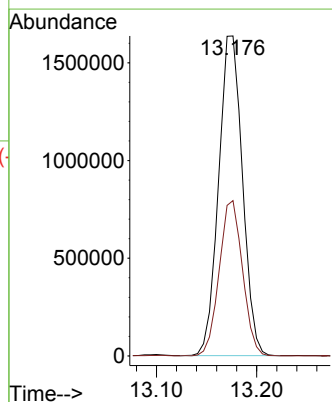
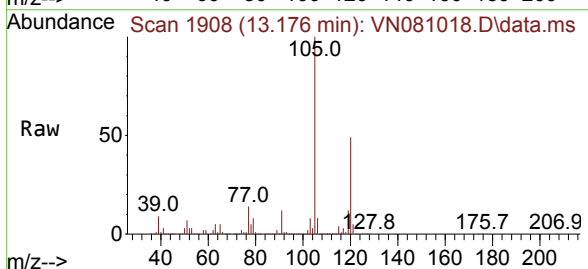
Instrument :
MSVOA_N
ClientSampleId :

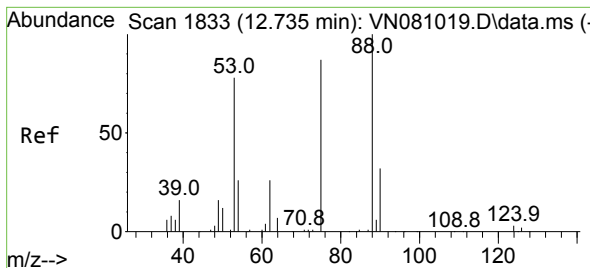
Tgt Ion: 91 Resp: 2266429
Ion Ratio Lower Upper
91 100
126 31.7 14.8 44.4



#80
1,3,5-Trimethylbenzene
Concen: 97.063 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion:105 Resp: 2703149
Ion Ratio Lower Upper
105 100
120 47.3 23.0 69.0

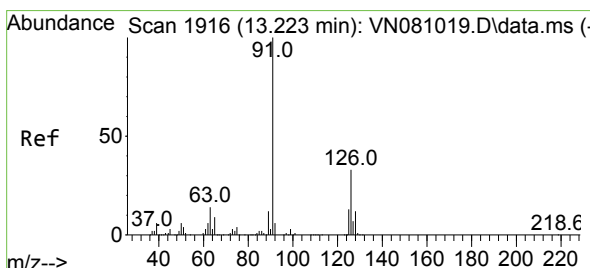
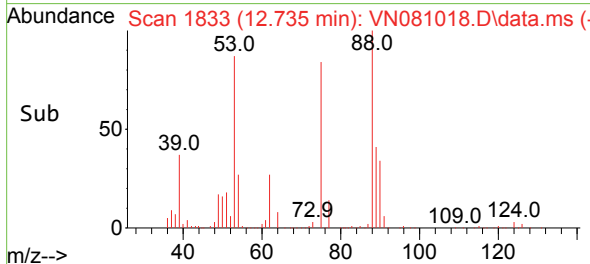
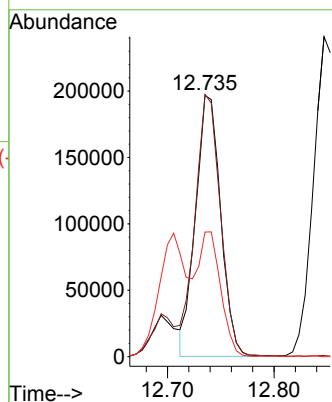
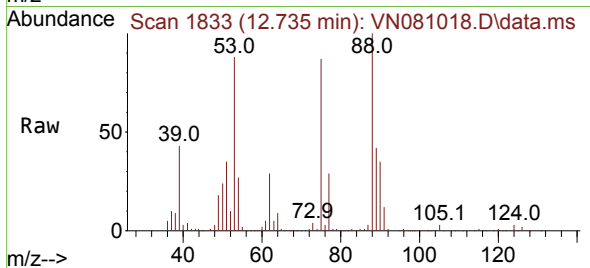




#81
trans-1,4-Dichloro-2-butene
Concen: 95.411 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

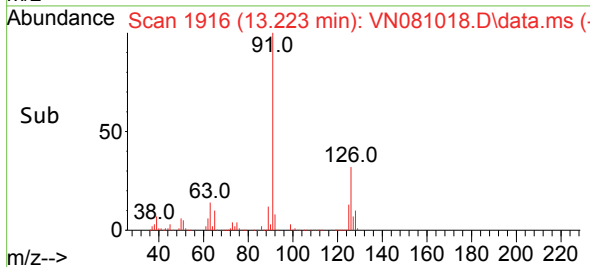
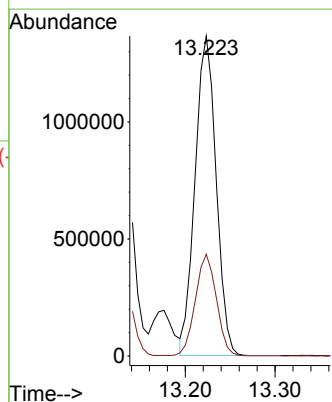
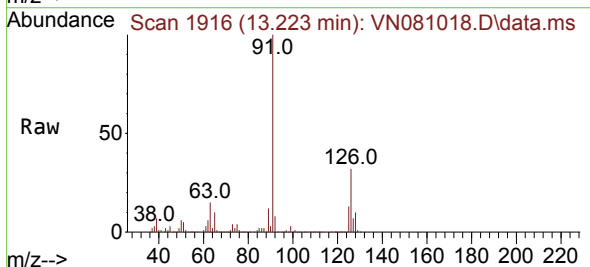
Instrument :
MSVOA_N
ClientSampleId :

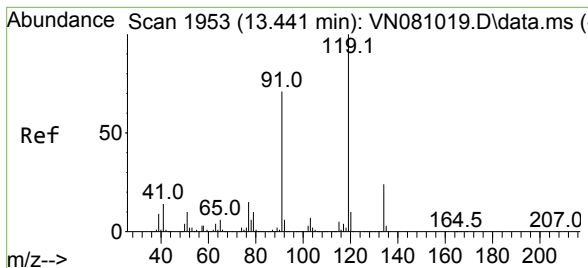
Tgt Ion: 75 Resp: 321753
Ion Ratio Lower Upper
75 100
53 103.3 71.4 107.2
89 42.0 33.4 50.0



#82
4-Chlorotoluene
Concen: 97.263 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081018.D
Acq: 14 Feb 2024 11:50

Tgt Ion: 91 Resp: 2223654
Ion Ratio Lower Upper
91 100
126 31.9 15.3 45.9





#83

tert-Butylbenzene

Concen: 95.897 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

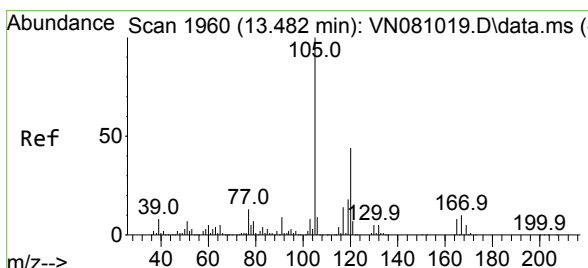
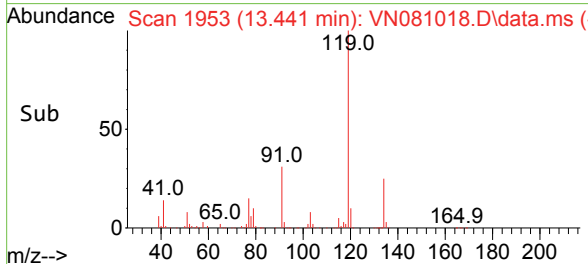
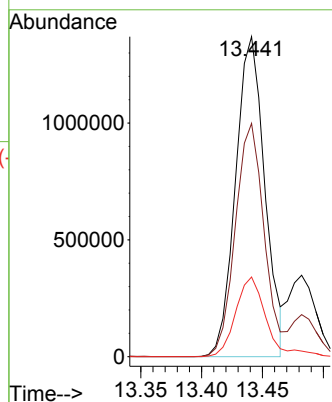
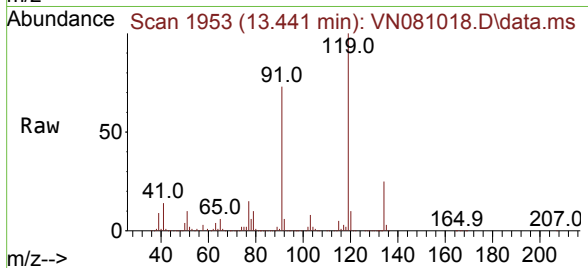
Tgt Ion:119 Resp: 2287003

Ion Ratio Lower Upper

119 100

91 72.9 36.8 110.4

134 26.1 12.4 37.4



#84

1,2,4-Trimethylbenzene

Concen: 97.857 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081018.D

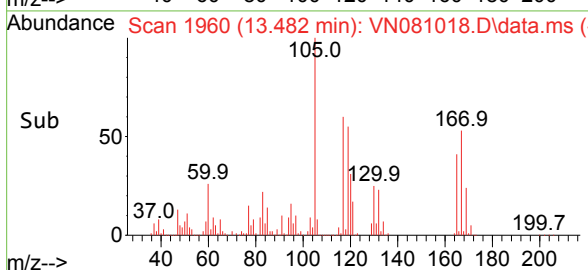
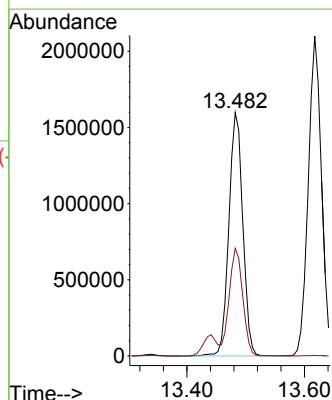
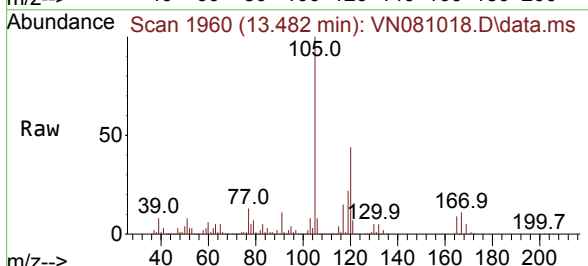
Acq: 14 Feb 2024 11:50

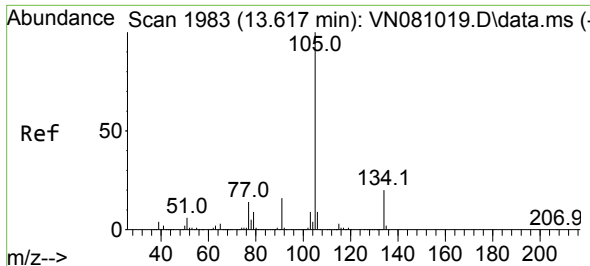
Tgt Ion:105 Resp: 2625797

Ion Ratio Lower Upper

105 100

120 43.6 20.9 62.7

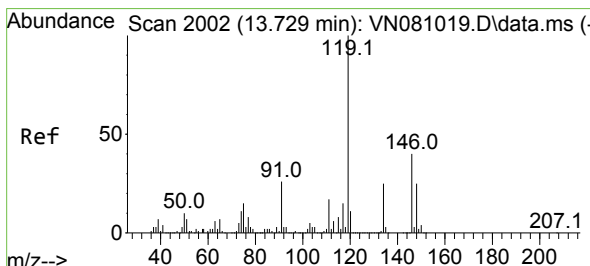
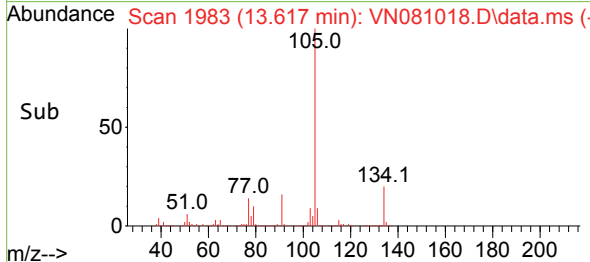
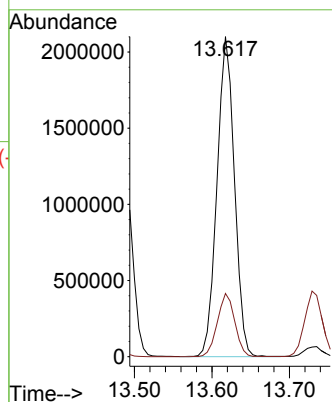
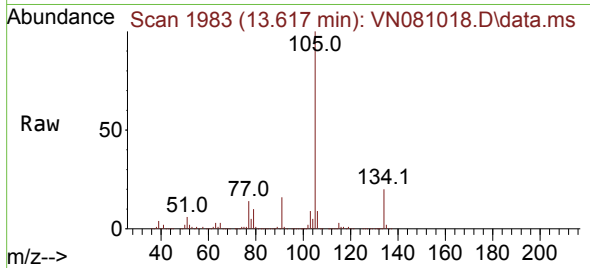




#85
 sec-Butylbenzene
 Concen: 100.424 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

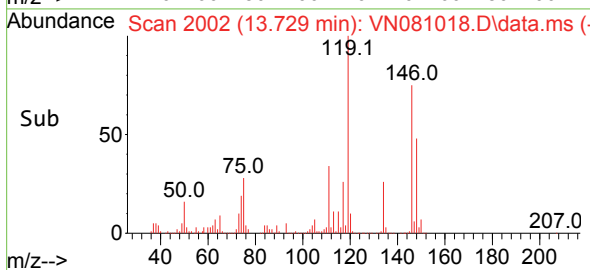
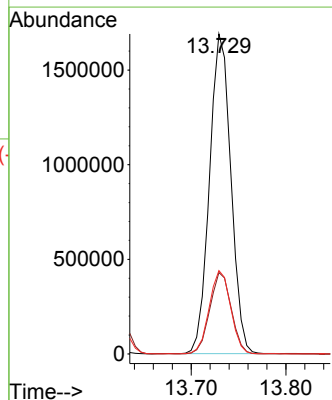
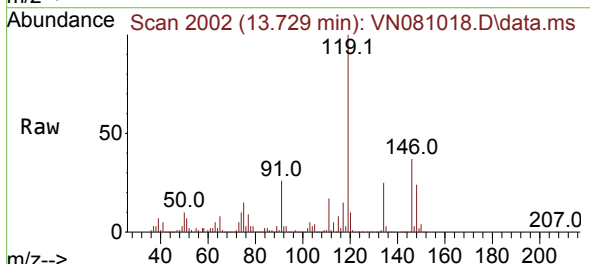
Instrument :
 MSVOA_N
 ClientSampleId :

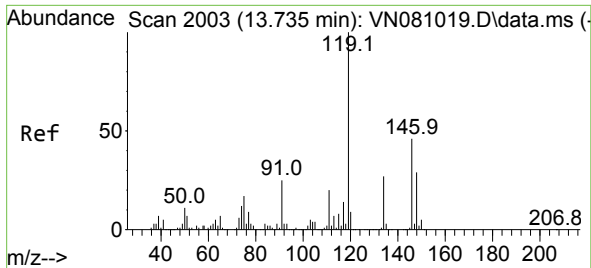
Tgt Ion:105 Resp: 3285624
 Ion Ratio Lower Upper
 105 100
 134 19.7 8.6 25.8



#86
 p-Isopropyltoluene
 Concen: 101.024 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

Tgt Ion:119 Resp: 2658007
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.4 37.2
 91 26.0 13.5 40.4

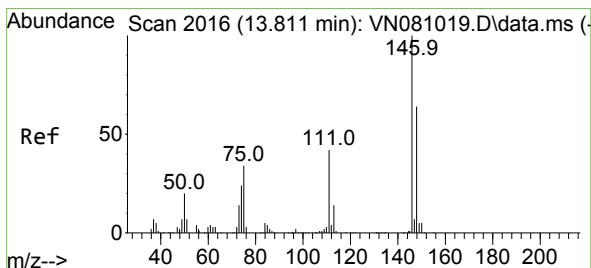
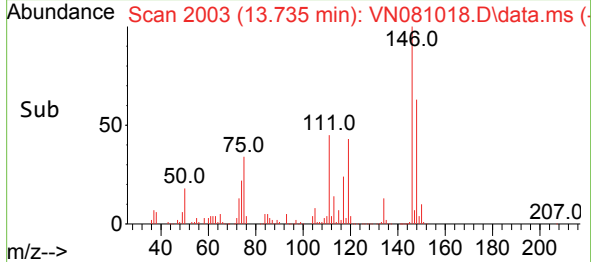
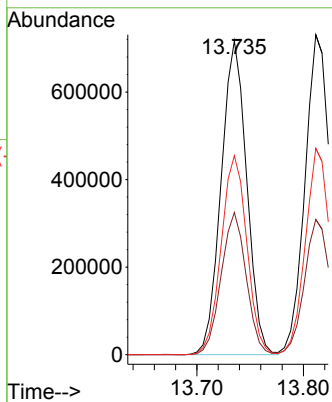
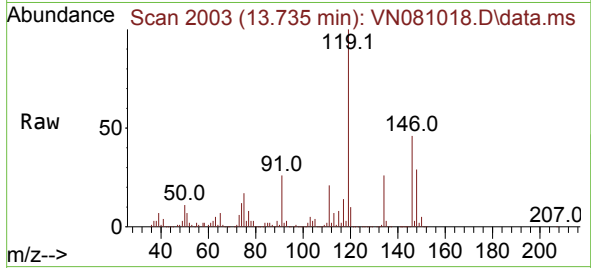




#87
 1,3-Dichlorobenzene
 Concen: 96.911 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

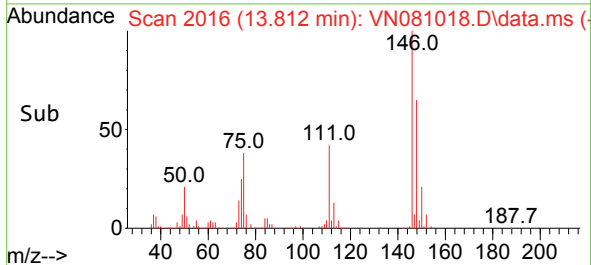
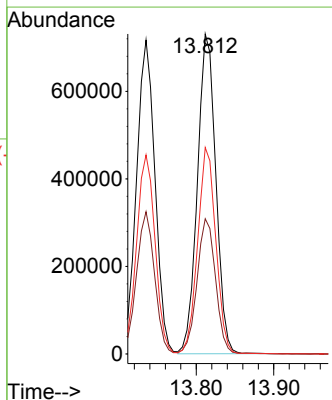
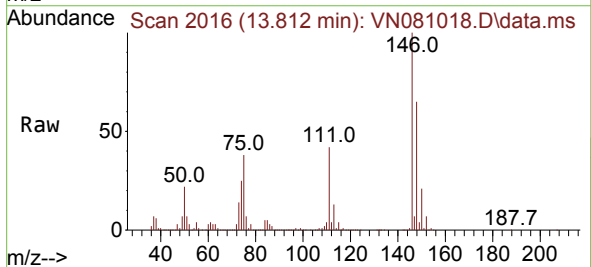
Instrument :
 MSVOA_N
 ClientSampleId :

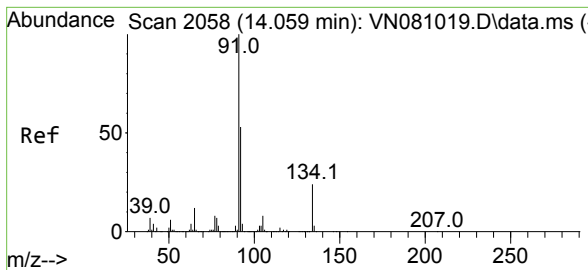
Tgt Ion:146 Resp: 1198179
 Ion Ratio Lower Upper
 146 100
 111 44.3 23.9 71.7
 148 63.6 32.6 97.7



#88
 1,4-Dichlorobenzene
 Concen: 94.576 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

Tgt Ion:146 Resp: 1208166
 Ion Ratio Lower Upper
 146 100
 111 42.8 22.6 67.7
 148 63.7 31.9 95.5

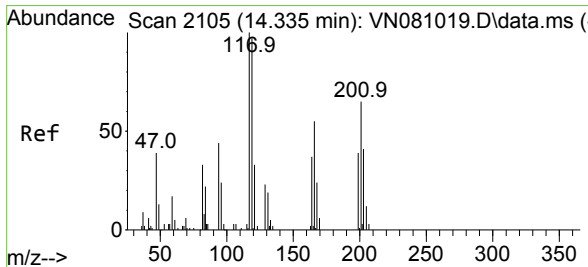
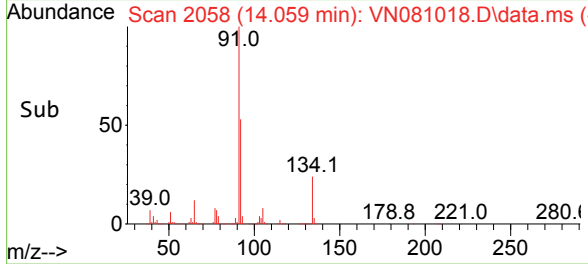
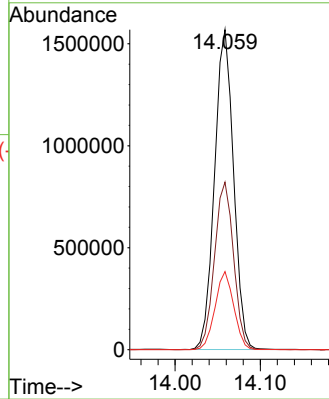
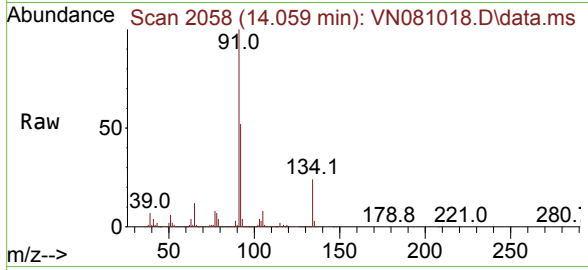




#89
 n-Butylbenzene
 Concen: 100.779 ug/l
 RT: 14.059 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

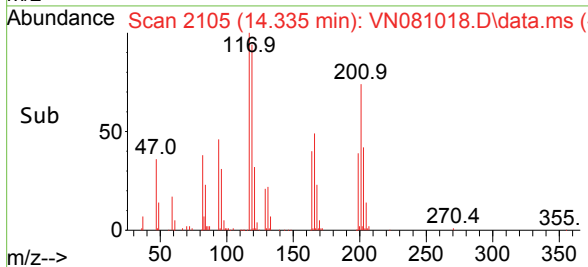
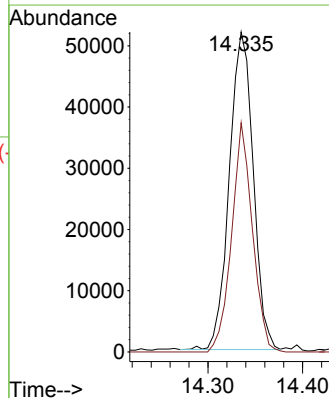
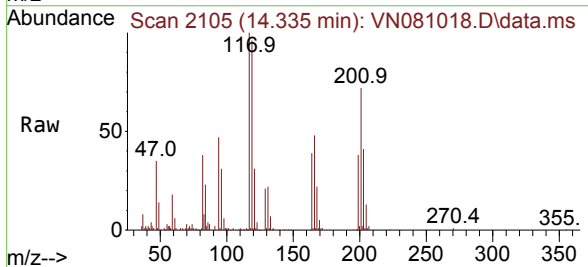
Instrument :
 MSVOA_N
 ClientSampleId :

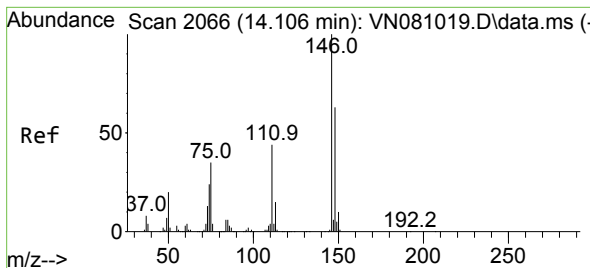
Tgt Ion: 91 Resp: 2427137
 Ion Ratio Lower Upper
 91 100
 92 52.7 26.7 80.1
 134 24.1 10.8 32.4



#90
 Hexachloroethane
 Concen: 100.041 ug/l
 RT: 14.335 min Scan# 2105
 Delta R.T. 0.000 min
 Lab File: VN081018.D
 Acq: 14 Feb 2024 11:50

Tgt Ion: 117 Resp: 90752
 Ion Ratio Lower Upper
 117 100
 201 62.8 30.0 90.0





#91

1,2-Dichlorobenzene

Concen: 95.292 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

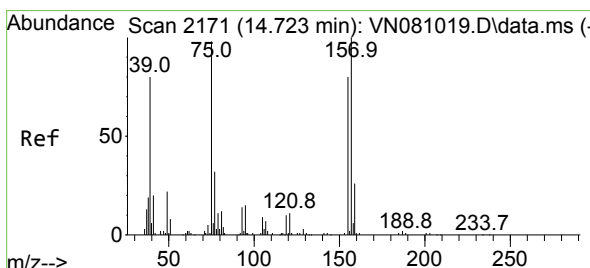
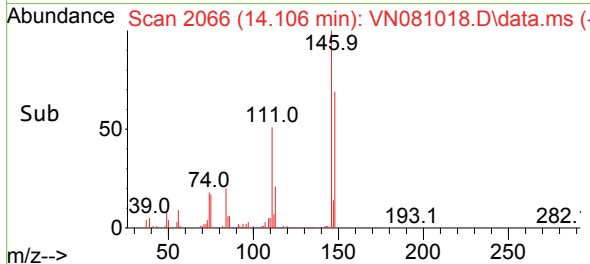
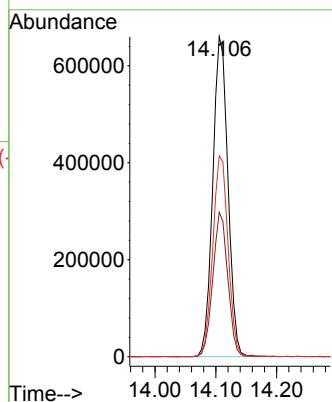
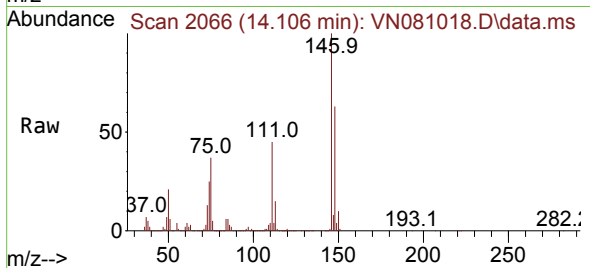
Tgt Ion:146 Resp: 1142085

Ion Ratio Lower Upper

146 100

111 44.6 23.9 71.8

148 63.4 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.440 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

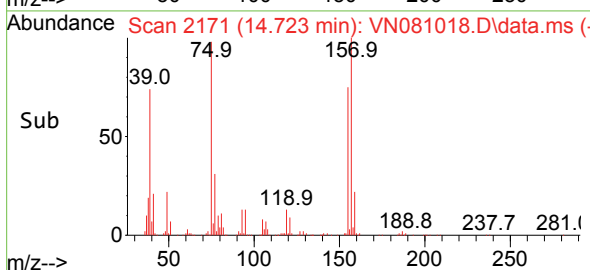
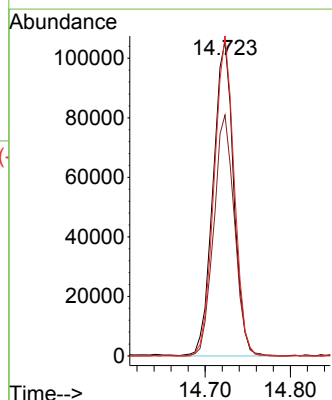
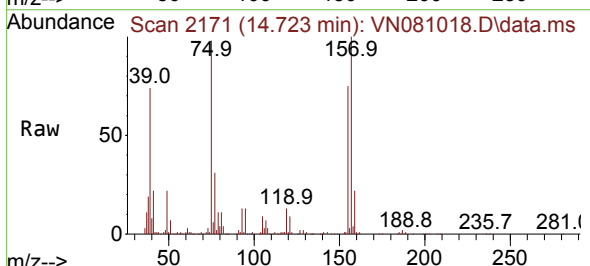
Tgt Ion: 75 Resp: 177596

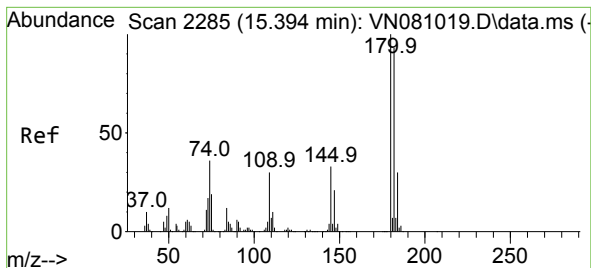
Ion Ratio Lower Upper

75 100

155 76.9 31.8 95.4

157 98.8 41.1 123.4





#93

1,2,4-Trichlorobenzene

Concen: 103.088 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

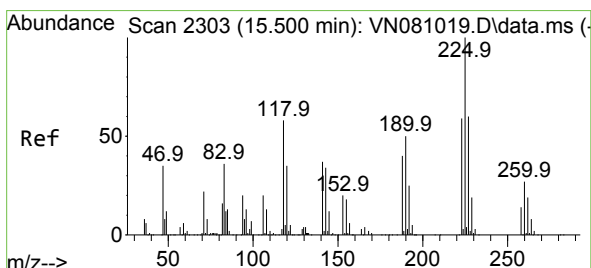
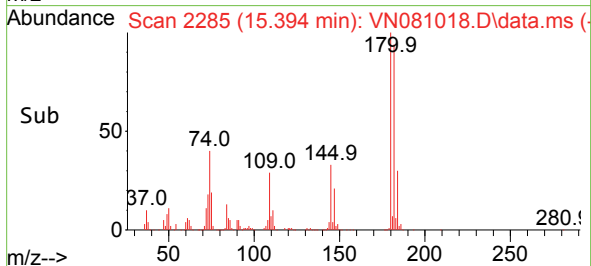
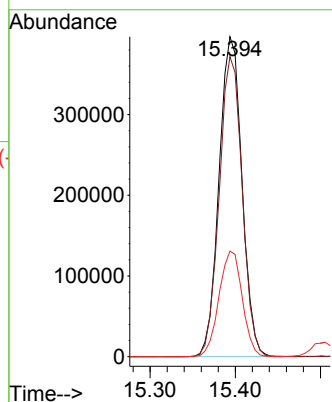
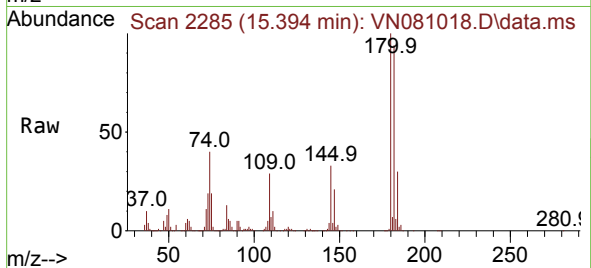
Tgt Ion:180 Resp: 740179

Ion Ratio Lower Upper

180 100

182 93.9 46.6 139.7

145 33.6 16.8 50.3



#94

Hexachlorobutadiene

Concen: 97.104 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

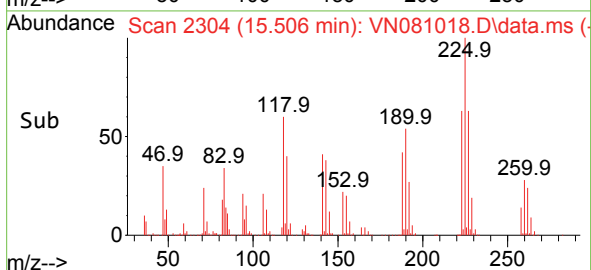
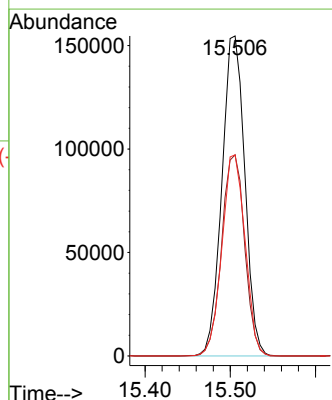
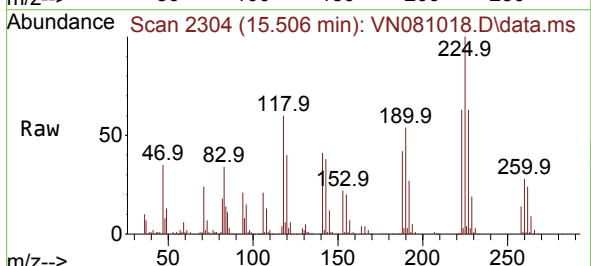
Tgt Ion:225 Resp: 288362

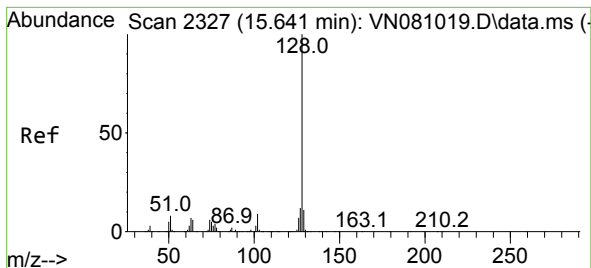
Ion Ratio Lower Upper

225 100

223 63.4 33.3 99.8

227 63.5 33.1 99.2





#95

Naphthalene

Concen: 96.796 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Instrument :

MSVOA_N

ClientSampleId :

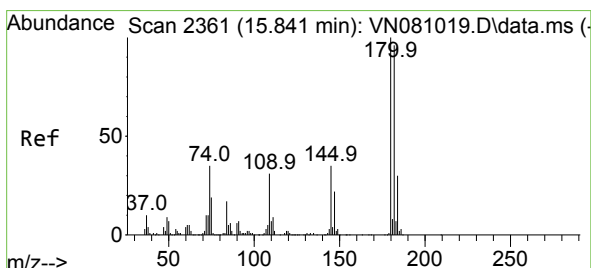
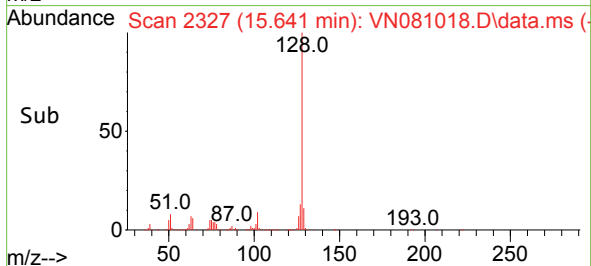
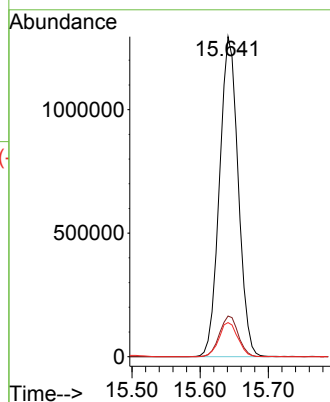
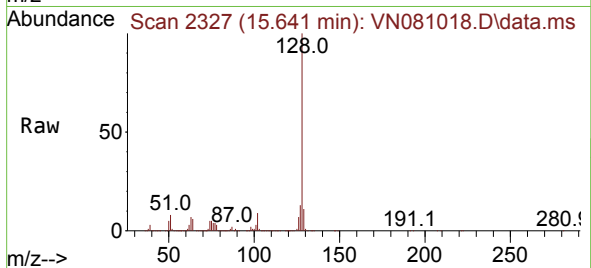
Tgt Ion:128 Resp: 2472578

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 102.606 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN081018.D

Acq: 14 Feb 2024 11:50

Tgt Ion:180 Resp: 721968

Ion Ratio Lower Upper

180 100

182 94.1 46.5 139.3

145 34.8 17.8 53.4

