

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080809.D
 Acq On : 30 Jan 2024 12:50
 Operator : JC\MD
 Sample : VN0130WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

Quant Time: Jan 31 02:08:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	110927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	230361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	196926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	74333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97078	50.588	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.180%	
35) Dibromofluoromethane	8.165	113	68252	48.428	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.860%	
50) Toluene-d8	10.565	98	271690	49.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.847	95	91340	47.518	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	32656	19.820	ug/l	87
3) Chloromethane	2.359	50	47659	19.243	ug/l	97
4) Vinyl Chloride	2.512	62	38628	20.515	ug/l	100
5) Bromomethane	2.953	94	16531	21.950	ug/l	98
6) Chloroethane	3.118	64	22418	22.332	ug/l	100
7) Trichlorofluoromethane	3.495	101	47273	19.399	ug/l	99
8) Diethyl Ether	3.953	74	23449	20.859	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	29289	20.611	ug/l #	76
10) Methyl Iodide	4.589	142	22426	18.695	ug/l	98
11) Tert butyl alcohol	5.512	59	31016	99.150	ug/l	97
12) 1,1-Dichloroethene	4.342	96	28857	18.533	ug/l	93
13) Acrolein	4.177	56	37714	95.604	ug/l	100
14) Allyl chloride	5.030	41	63433	20.611	ug/l	99
15) Acrylonitrile	5.718	53	96171	102.222	ug/l	98
16) Acetone	4.424	43	68434	98.329	ug/l	96
17) Carbon Disulfide	4.712	76	90123	18.592	ug/l #	90
18) Methyl Acetate	5.024	43	52310	21.566	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	110932	20.220	ug/l	99
20) Methylene Chloride	5.271	84	36193	19.811	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	32363	19.132	ug/l #	89
22) Diisopropyl ether	6.665	45	142693	21.013	ug/l	97
23) Vinyl Acetate	6.606	43	542636	110.441	ug/l	99
24) 1,1-Dichloroethane	6.565	63	71071	20.637	ug/l	98
25) 2-Butanone	7.477	43	132441	100.187	ug/l	92
26) 2,2-Dichloropropane	7.488	77	54272	19.498	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	38954	19.893	ug/l	99
28) Bromochloromethane	7.812	49	36996	20.290	ug/l	97
29) Tetrahydrofuran	7.835	42	89815	100.408	ug/l	99
30) Chloroform	7.965	83	66055	20.646	ug/l	94
31) Cyclohexane	8.259	56	62699	19.054	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	54350	20.948	ug/l	92
36) 1,1-Dichloropropene	8.371	75	49593	18.932	ug/l	98
37) Ethyl Acetate	7.553	43	48052	17.819	ug/l	98
38) Carbon Tetrachloride	8.359	117	42003	19.901	ug/l	91
39) Methylcyclohexane	9.606	83	48453	18.609	ug/l	99
40) Benzene	8.606	78	155652	20.217	ug/l	94

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	31456	19.792	ug/l	93
42) 1,2-Dichloroethane	8.665	62	53307	21.253	ug/l	99
43) Isopropyl Acetate	8.688	43	95928	19.539	ug/l	98
44) Trichloroethene	9.353	130	30325	17.883	ug/l	82
45) 1,2-Dichloropropane	9.624	63	41922	20.121	ug/l	97
46) Dibromomethane	9.706	93	23461	18.995	ug/l	96
47) Bromodichloromethane	9.888	83	50443	20.116	ug/l #	100
48) Methyl methacrylate	9.682	41	43911	18.449	ug/l	98
49) 1,4-Dioxane	9.694	88	11002	383.746	ug/l	94
51) 4-Methyl-2-Pentanone	10.447	43	278825	101.592	ug/l	98
52) Toluene	10.629	92	88023	19.940	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	56107	19.206	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	63569	20.011	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	34014	20.050	ug/l	93
56) Ethyl methacrylate	10.876	69	57990	22.236	ug/l	99
57) 1,3-Dichloropropane	11.165	76	64732	20.274	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	158516	104.264	ug/l	99
59) 2-Hexanone	11.194	43	204180	95.774	ug/l	98
60) Dibromochloromethane	11.359	129	31900	20.216	ug/l	94
61) 1,2-Dibromoethane	11.471	107	32131	20.209	ug/l	95
64) Tetrachloroethene	11.106	164	24190	18.689	ug/l	84
65) Chlorobenzene	11.894	112	87164	20.281	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.965	131	29301	20.965	ug/l	96
67) Ethyl Benzene	11.965	91	156995	19.653	ug/l	96
68) m/p-Xylenes	12.070	106	118555	41.791	ug/l	95
69) o-Xylene	12.400	106	54933	19.488	ug/l	98
70) Styrene	12.412	104	92151	20.355	ug/l	99
71) Bromoform	12.576	173	18314	19.380	ug/l #	98
73) Isopropylbenzene	12.700	105	134286	19.727	ug/l	98
74) N-amyl acetate	12.494	43	82561	19.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	45439	18.977	ug/l	96
76) 1,2,3-Trichloropropane	13.000	75	62902	28.058	ug/l	64
77) Bromobenzene	12.982	156	29100	19.998	ug/l	98
78) n-propylbenzene	13.035	91	166970	20.532	ug/l	99
79) 2-Chlorotoluene	13.129	91	97553	18.874	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	109280	20.158	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	17379	19.970	ug/l	95
82) 4-Chlorotoluene	13.223	91	101999	19.930	ug/l	97
83) tert-Butylbenzene	13.441	119	92432	21.351	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	110049	20.036	ug/l	98
85) sec-Butylbenzene	13.617	105	128150	20.078	ug/l	96
86) p-Isopropyltoluene	13.729	119	98582	19.876	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	50012	19.215	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	52593	20.155	ug/l	96
89) n-Butylbenzene	14.059	91	98041	20.199	ug/l	100
90) Hexachloroethane	14.341	117	16965	19.548	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	47684	20.017	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	8817	19.700	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	25502	20.800	ug/l	95
94) Hexachlorobutadiene	15.500	225	9890	18.464	ug/l	94
95) Naphthalene	15.641	128	90697	19.332	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	23068	19.141	ug/l	97

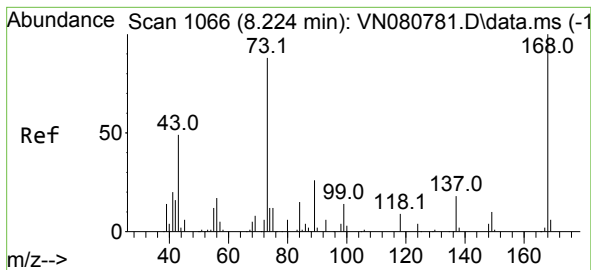
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QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VN080809.D

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Instrument :

MSVOA_N

ClientSampleId :

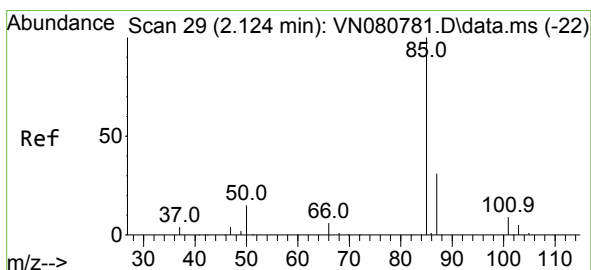
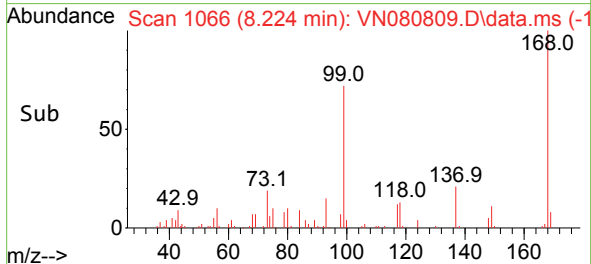
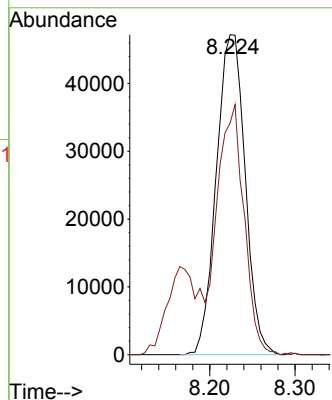
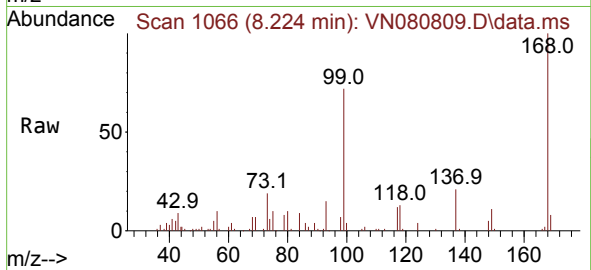
VN0130WBSD01

Tgt Ion:168 Resp: 110927

Ion Ratio Lower Upper

168 100

99 72.4 59.9 89.9



#2

Dichlorodifluoromethane

Concen: 19.820 ug/l

RT: 2.124 min Scan# 29

Delta R.T. 0.000 min

Lab File: VN080809.D

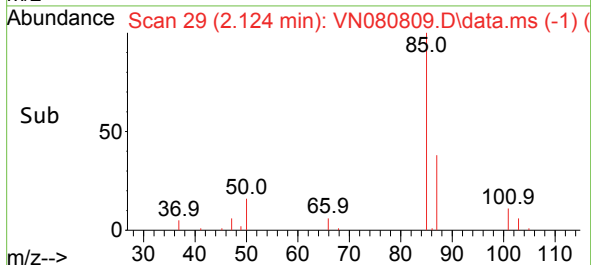
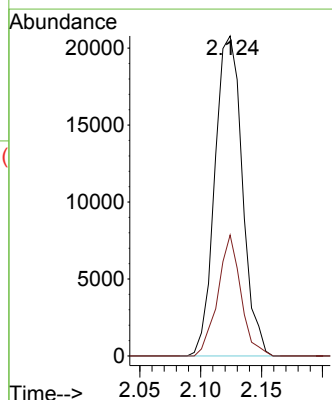
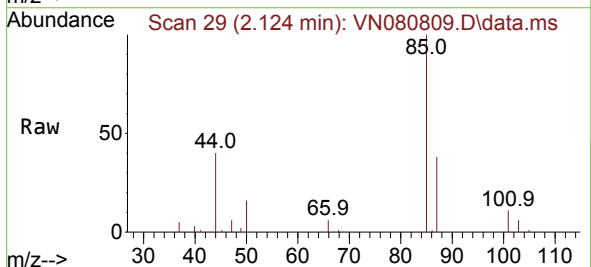
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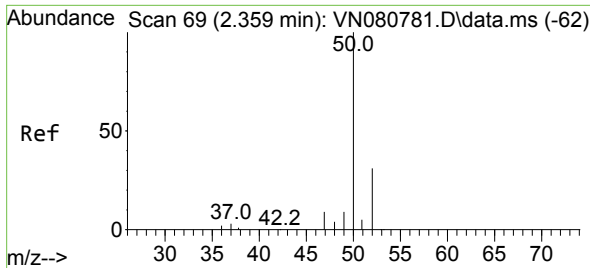
Tgt Ion: 85 Resp: 32656

Ion Ratio Lower Upper

85 100

87 37.8 15.3 45.9

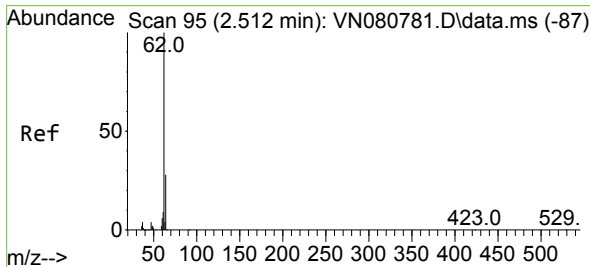
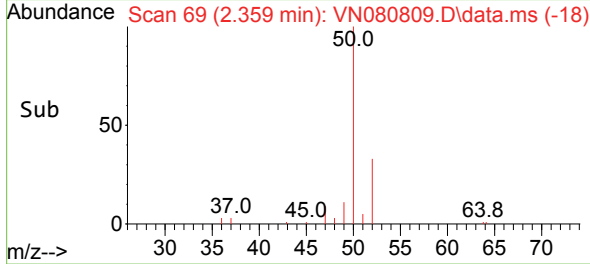
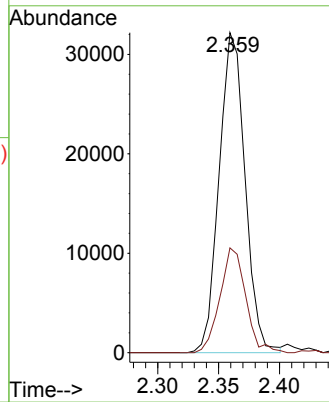
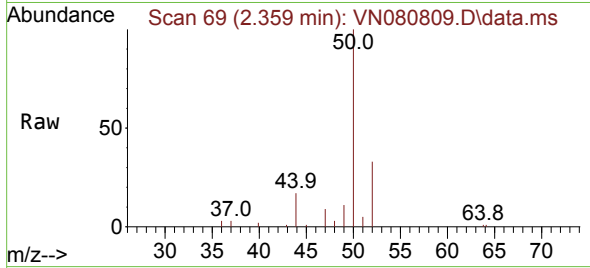




#3
Chloromethane
Concen: 19.243 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

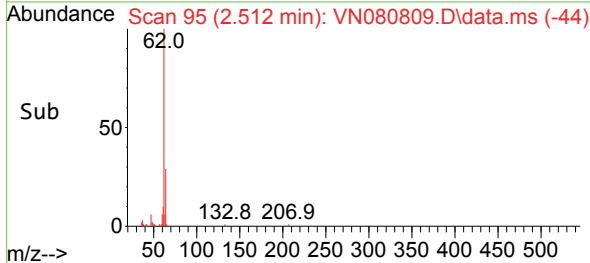
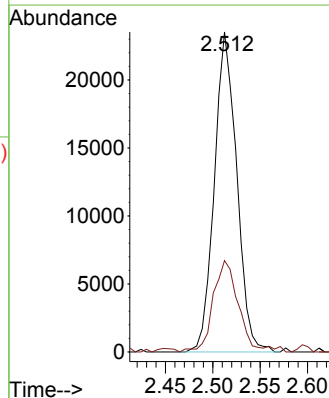
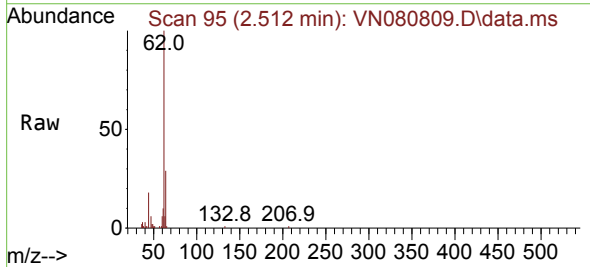
Instrument :
MSVOA_N
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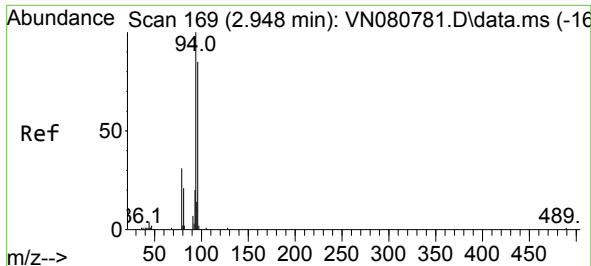
Tgt Ion: 50 Resp: 47659
Ion Ratio Lower Upper
50 100
52 32.7 25.0 37.4



#4
Vinyl Chloride
Concen: 20.515 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 62 Resp: 38628
Ion Ratio Lower Upper
62 100
64 28.6 22.7 34.1

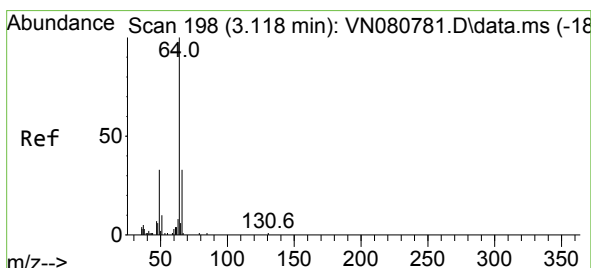
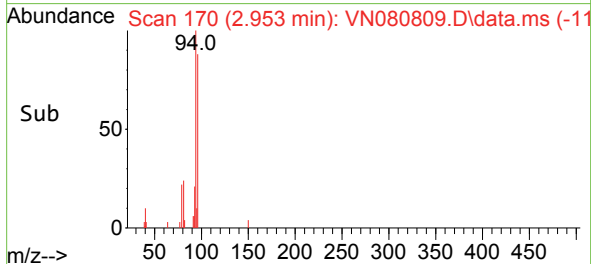
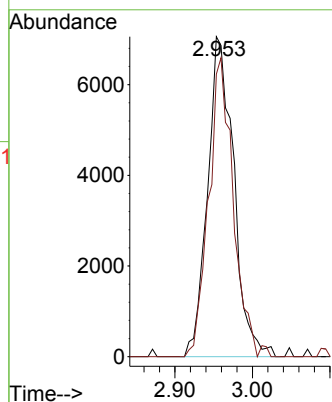
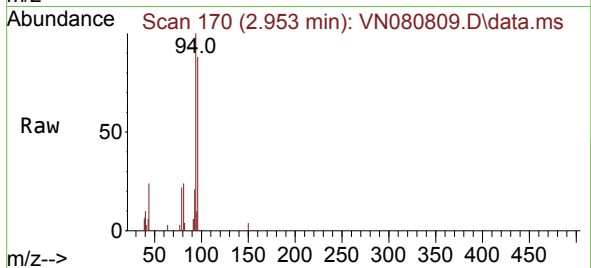




#5
Bromomethane
Concen: 21.950 ug/l
RT: 2.953 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

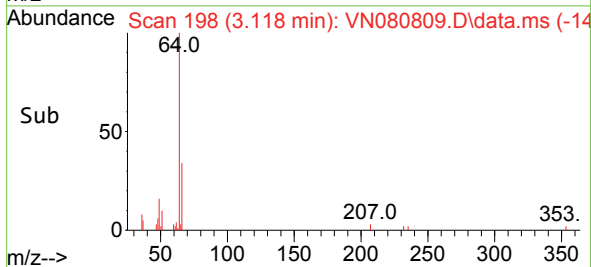
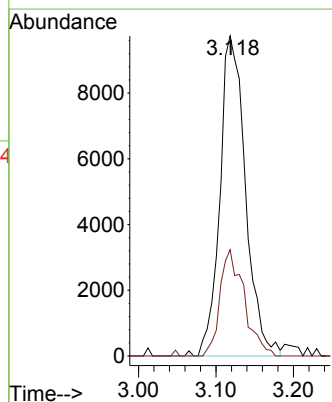
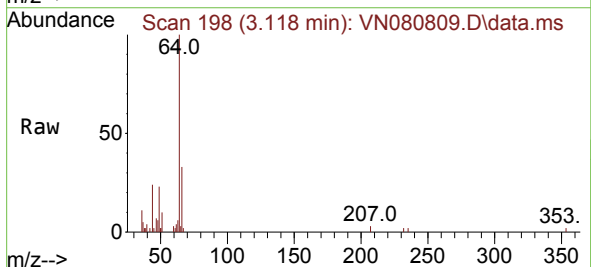
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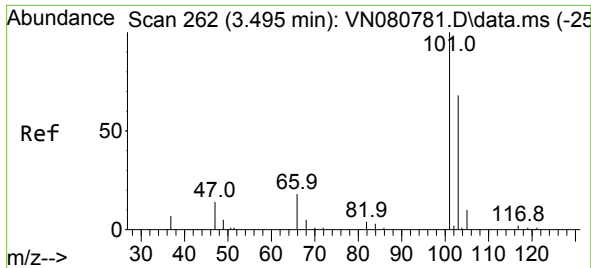
Tgt Ion: 94 Resp: 16531
Ion Ratio Lower Upper
94 100
96 88.3 69.2 103.8



#6
Chloroethane
Concen: 22.332 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 64 Resp: 22418
Ion Ratio Lower Upper
64 100
66 33.2 26.4 39.6

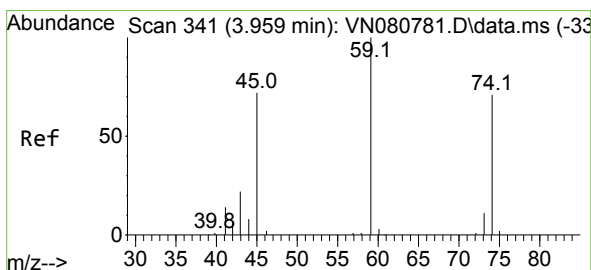
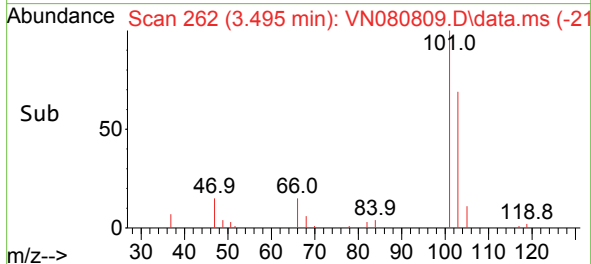
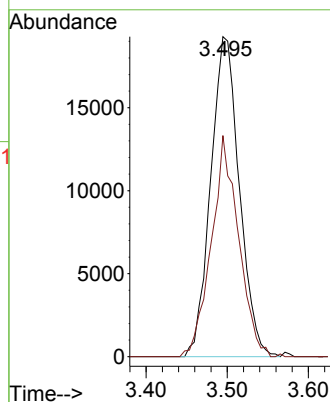
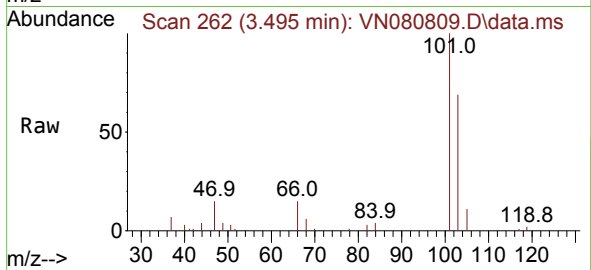




#7
Trichlorofluoromethane
Concen: 19.399 ug/l
RT: 3.495 min Scan# 262
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

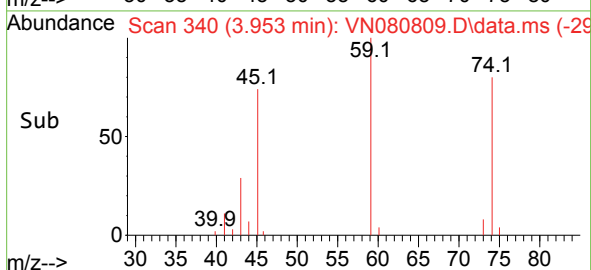
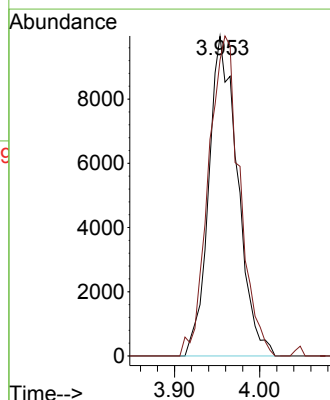
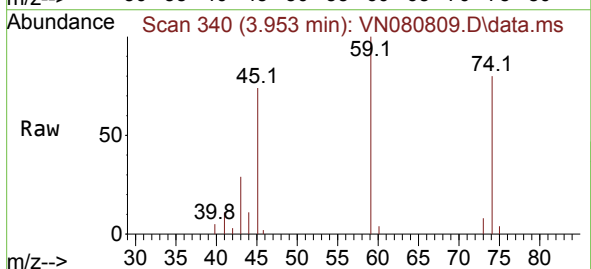
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MSVOA_N
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VN0130WBSD01

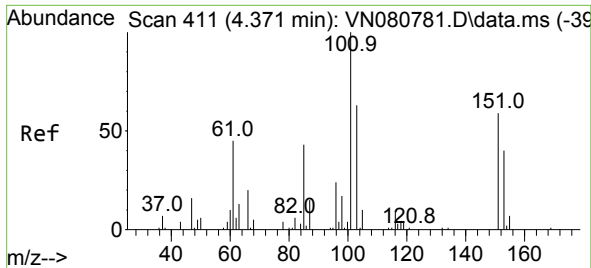
Tgt Ion:101 Resp: 47273
Ion Ratio Lower Upper
101 100
103 69.1 54.4 81.6



#8
Diethyl Ether
Concen: 20.859 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 74 Resp: 23449
Ion Ratio Lower Upper
74 100
45 108.2 53.3 159.9

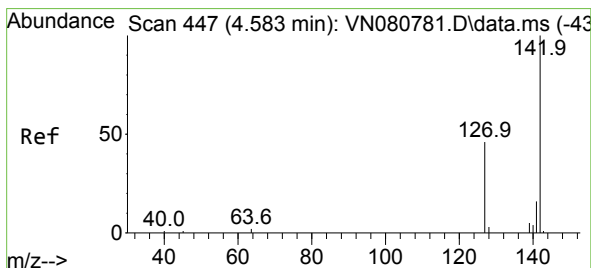
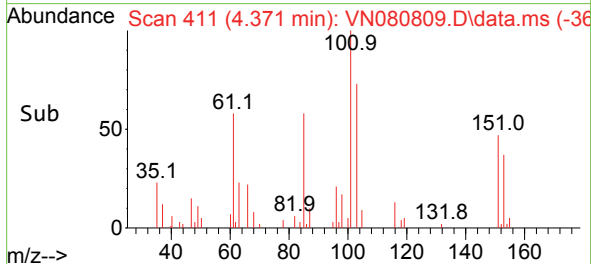
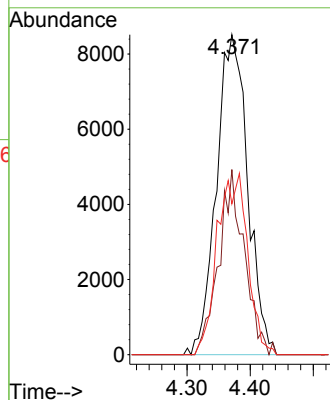
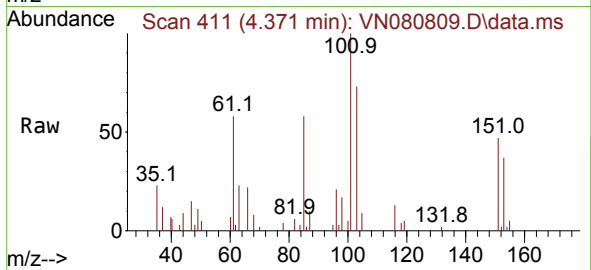




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.611 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080809.D
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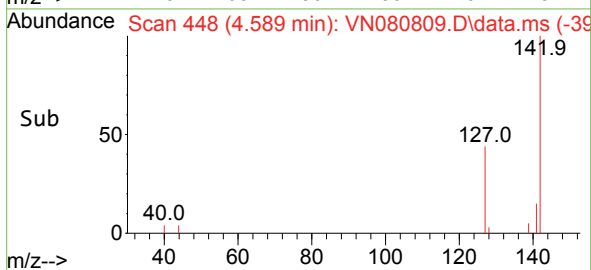
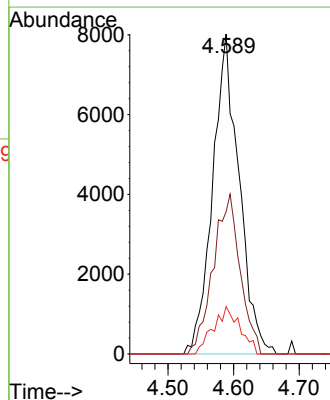
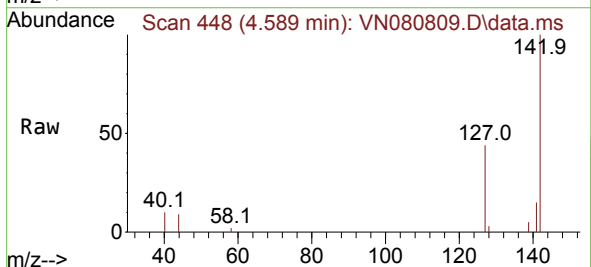
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ClientSampleId :
VN0130WBSD01

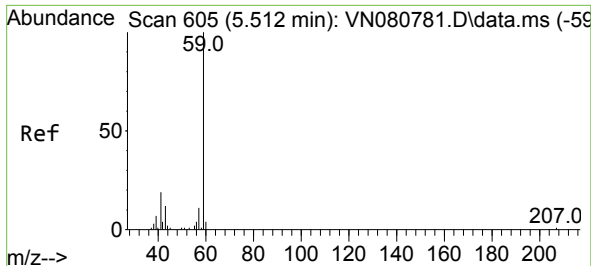
Tgt Ion:101 Resp: 29289
Ion Ratio Lower Upper
101 100
85 47.4 38.1 57.1
151 29.2 49.1 73.7#



#10
Methyl Iodide
Concen: 18.695 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:142 Resp: 22426
Ion Ratio Lower Upper
142 100
127 44.5 37.0 55.4
141 14.8 12.5 18.7

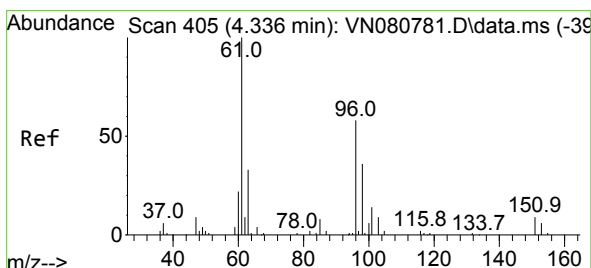
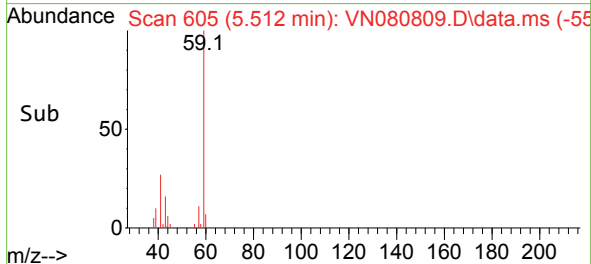
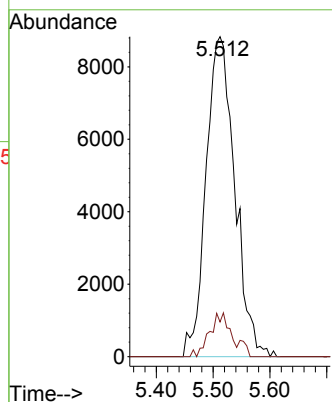
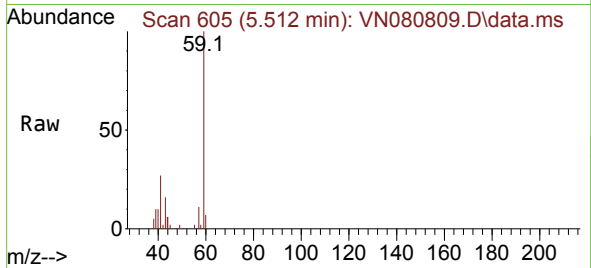




#11
Tert butyl alcohol
Concen: 99.150 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

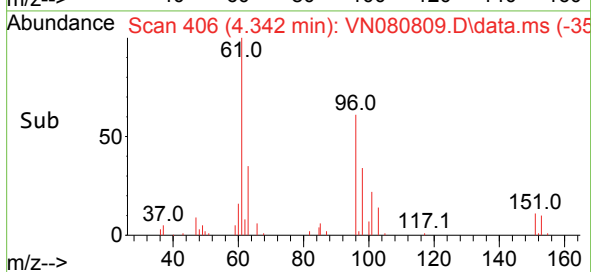
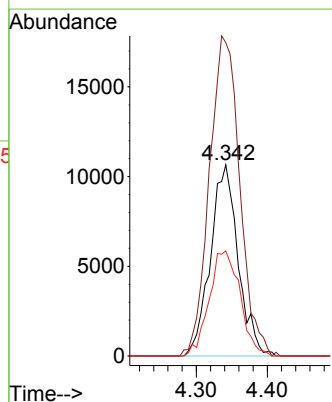
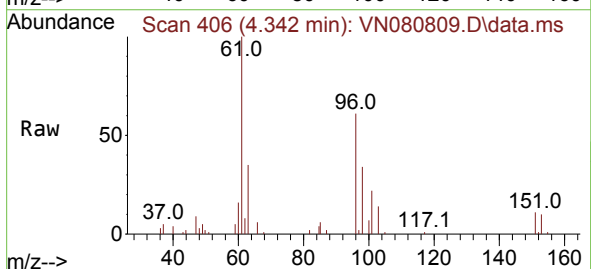
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

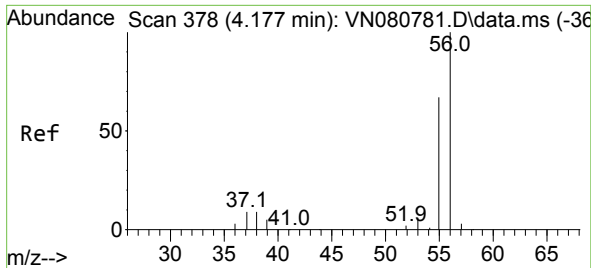
Tgt Ion: 59 Resp: 31016
Ion Ratio Lower Upper
59 100
57 9.4 8.6 12.8



#12
1,1-Dichloroethene
Concen: 18.533 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 96 Resp: 28857
Ion Ratio Lower Upper
96 100
61 163.8 138.2 207.4
98 55.0 49.2 73.8





#13

Acrolein

Concen: 95.604 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

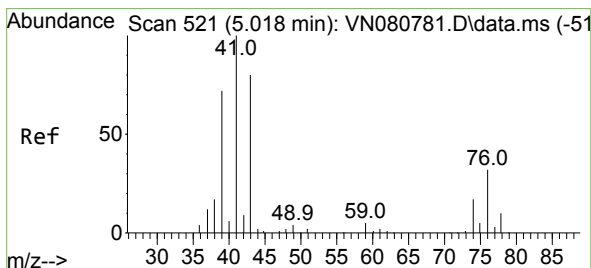
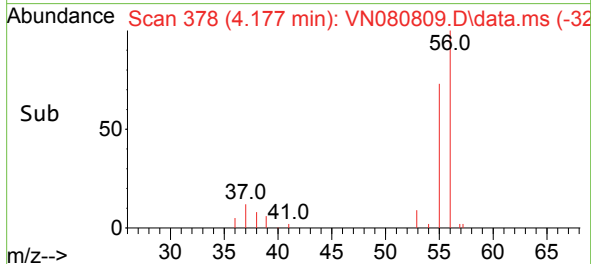
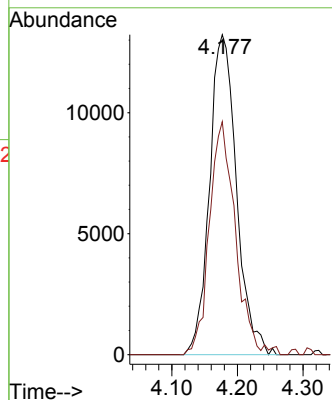
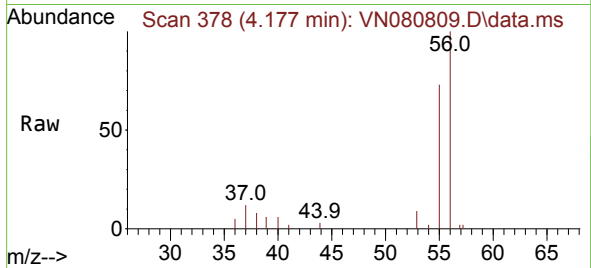
VN0130WBSD01

Tgt Ion: 56 Resp: 37714

Ion Ratio Lower Upper

56 100

55 69.1 55.3 82.9



#14

Allyl chloride

Concen: 20.611 ug/l

RT: 5.030 min Scan# 523

Delta R.T. 0.012 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

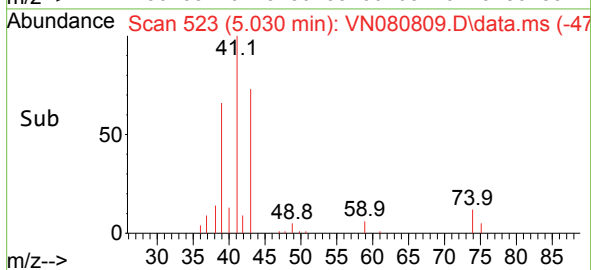
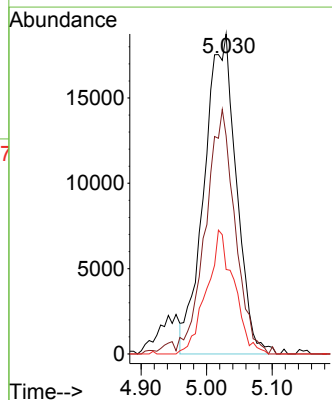
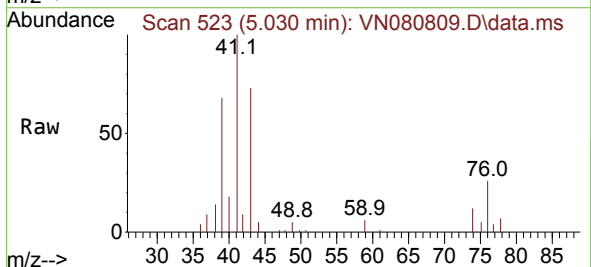
Tgt Ion: 41 Resp: 63433

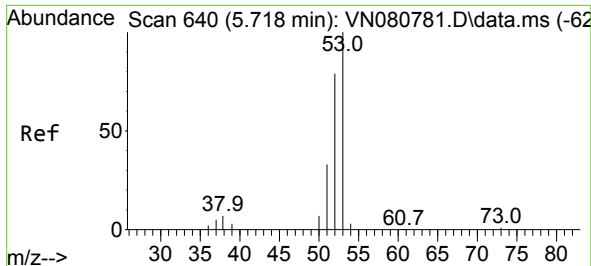
Ion Ratio Lower Upper

41 100

39 70.4 57.7 86.5

76 33.4 26.8 40.2

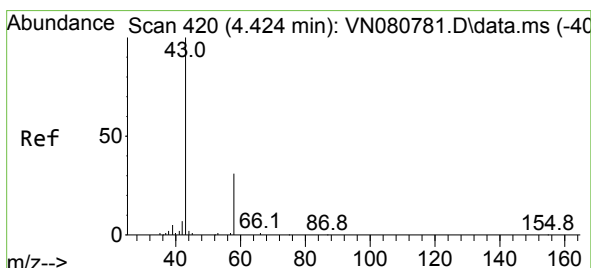
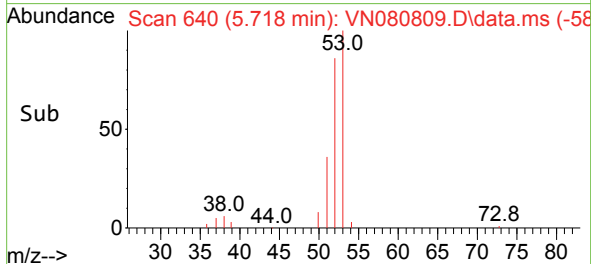
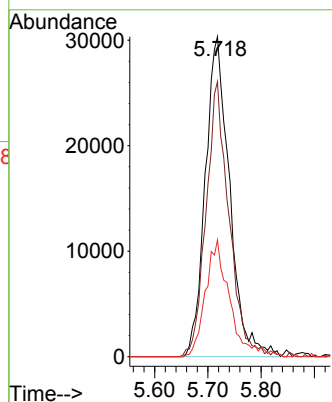
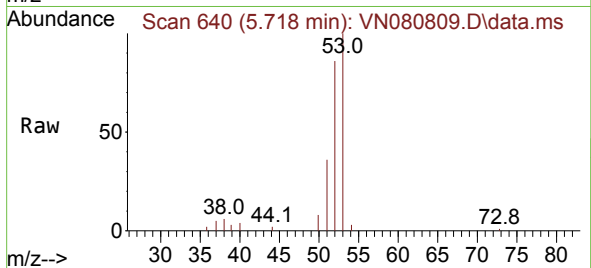




#15
Acrylonitrile
Concen: 102.222 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

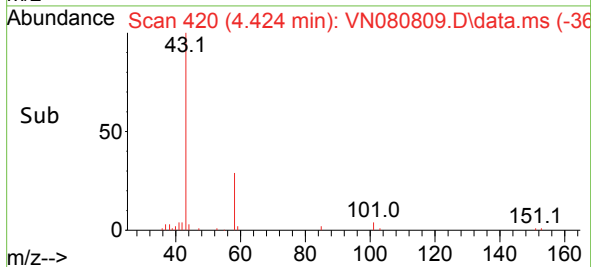
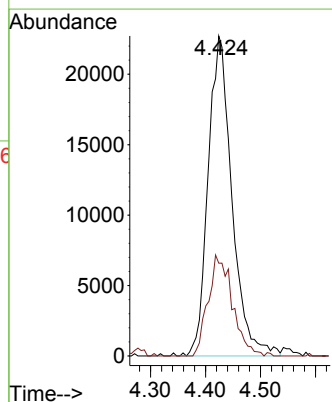
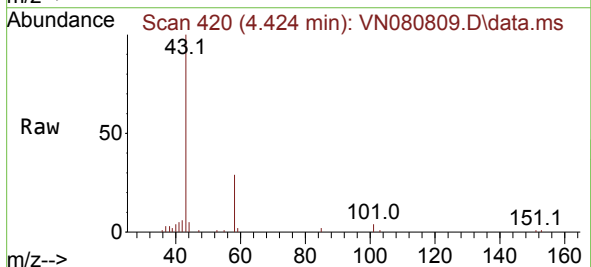
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

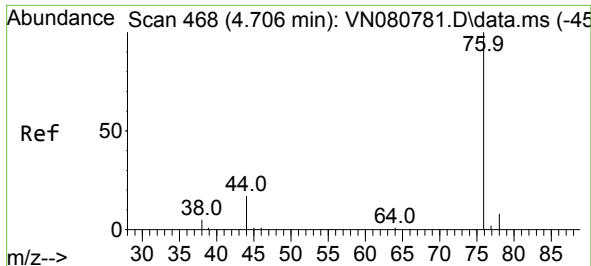
Tgt Ion: 53 Resp: 96171
Ion Ratio Lower Upper
53 100
52 80.7 64.8 97.2
51 36.1 26.9 40.3



#16
Acetone
Concen: 98.329 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 43 Resp: 68434
Ion Ratio Lower Upper
43 100
58 29.0 24.8 37.2

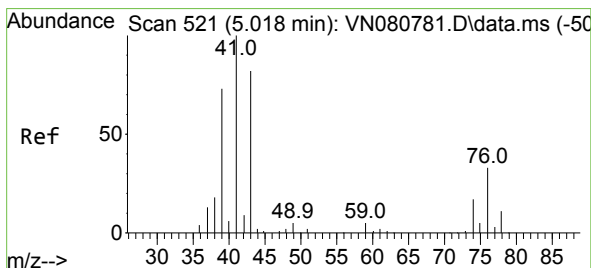
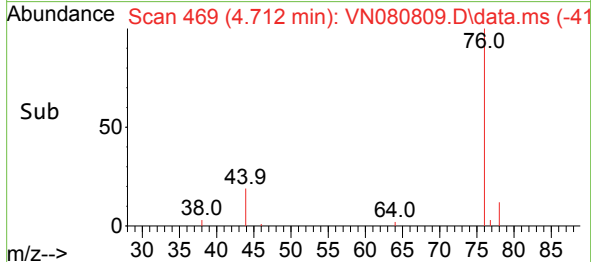
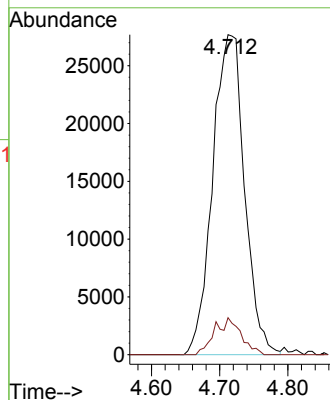
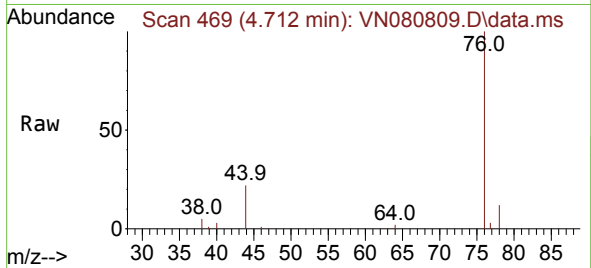




#17
Carbon Disulfide
Concen: 18.592 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

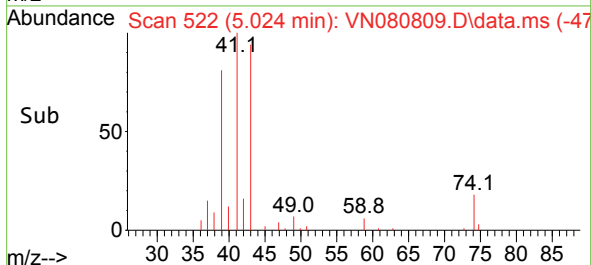
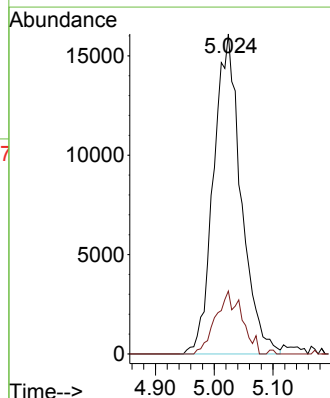
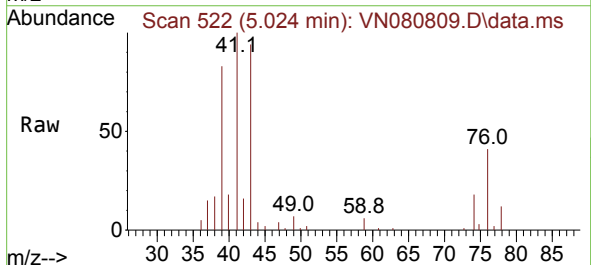
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

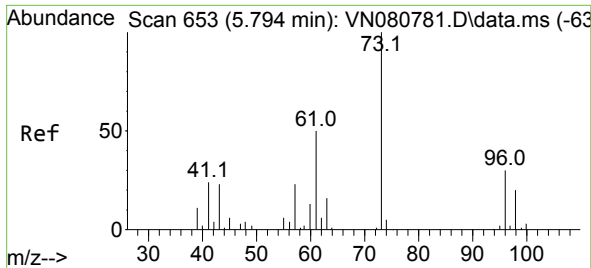
Tgt Ion: 76 Resp: 90123
Ion Ratio Lower Upper
76 100
78 11.5 6.3 9.5#



#18
Methyl Acetate
Concen: 21.566 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 43 Resp: 52310
Ion Ratio Lower Upper
43 100
74 18.7 17.3 25.9

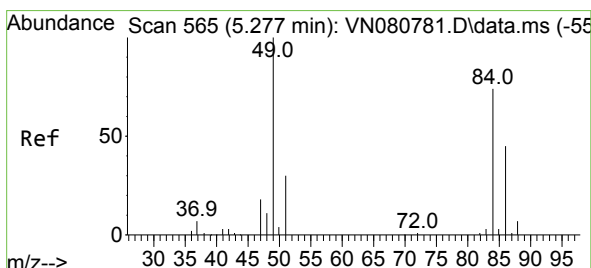
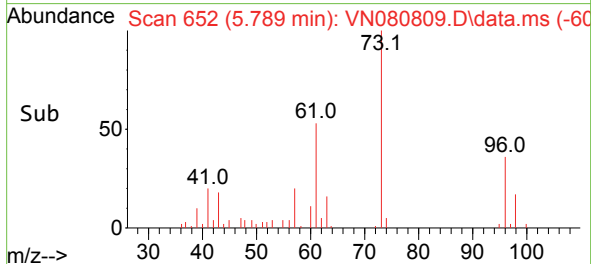
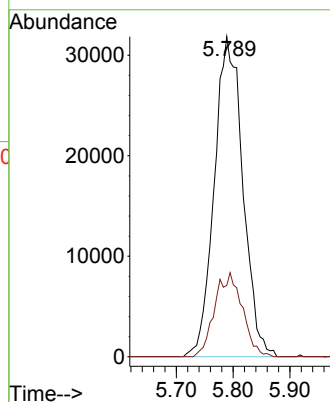
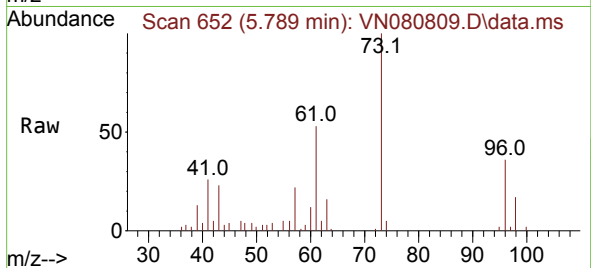




#19
Methyl tert-butyl Ether
Concen: 20.220 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

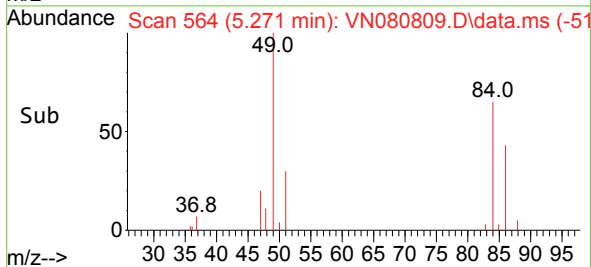
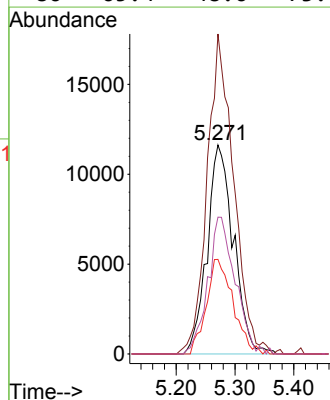
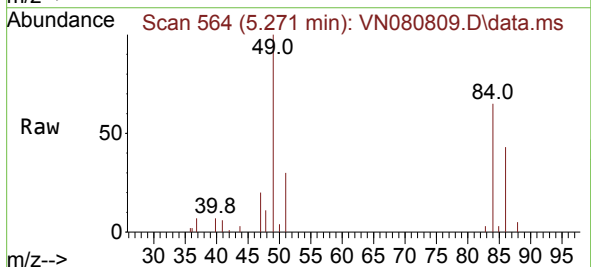
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

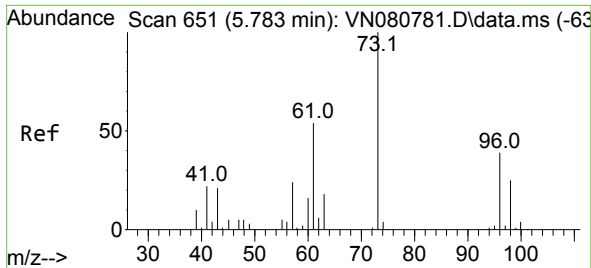
Tgt Ion: 73 Resp: 110932
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 19.811 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 84 Resp: 36193
Ion Ratio Lower Upper
84 100
49 151.6 108.1 162.1
51 45.2 32.9 49.3
86 65.4 48.6 73.0

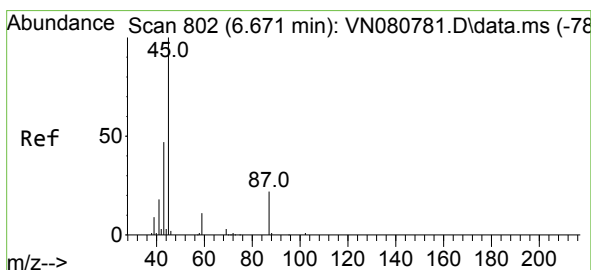
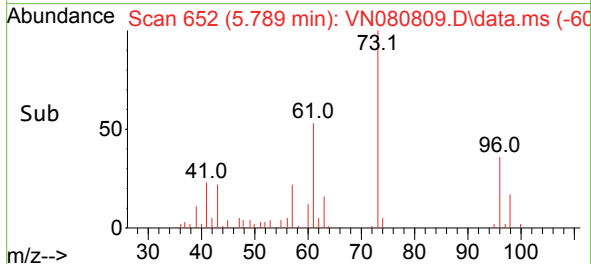
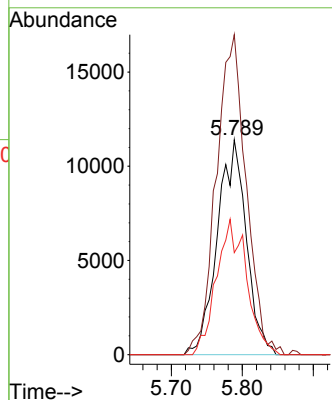
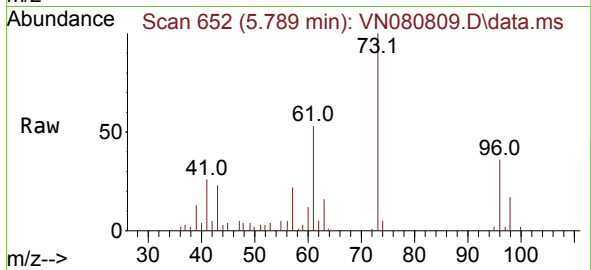




#21
trans-1,2-Dichloroethene
Concen: 19.132 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

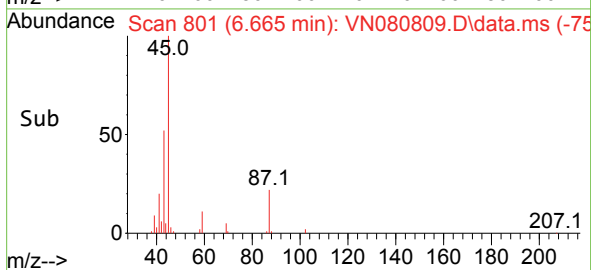
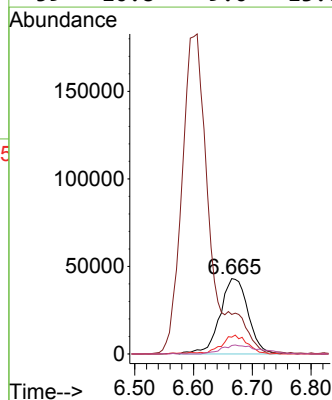
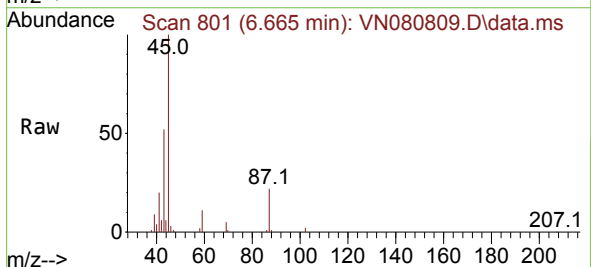
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

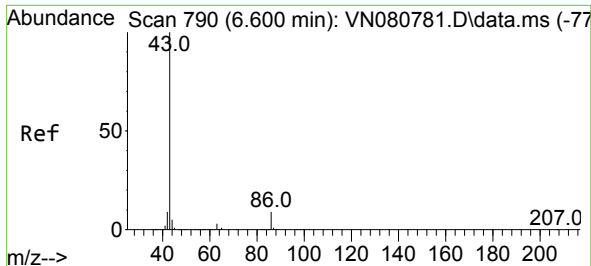
Tgt Ion: 96 Resp: 32363
Ion Ratio Lower Upper
96 100
61 149.0 112.8 169.2
98 47.5 51.0 76.4#



#22
Diisopropyl ether
Concen: 21.013 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 45 Resp: 142693
Ion Ratio Lower Upper
45 100
43 49.8 41.8 62.8
87 22.4 18.1 27.1
59 10.8 9.0 13.6

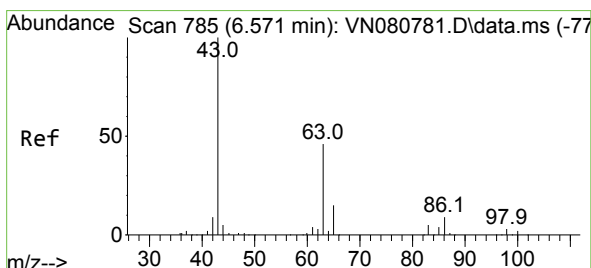
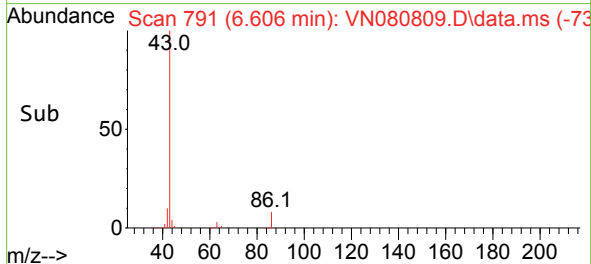
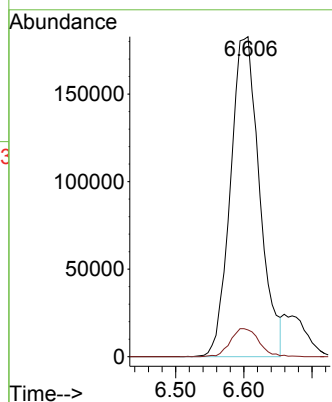
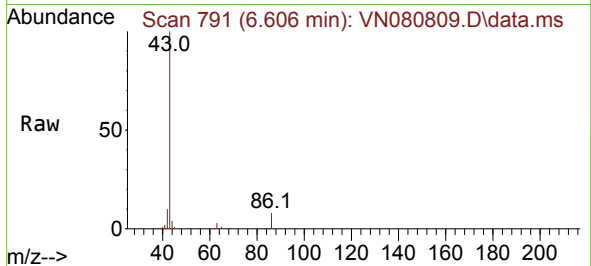




#23
 Vinyl Acetate
 Concen: 110.441 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

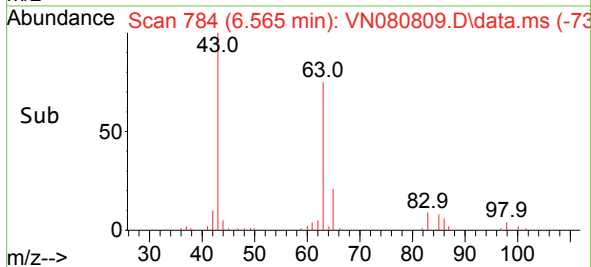
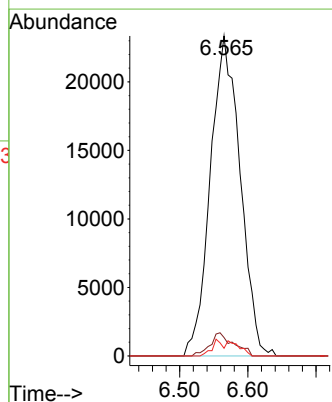
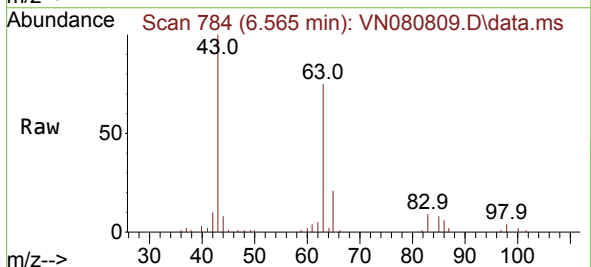
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

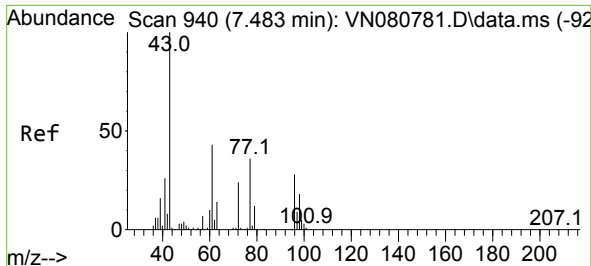
Tgt Ion: 43 Resp: 542636
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 20.637 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

Tgt Ion: 63 Resp: 71071
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.6
 100 2.4 1.9 5.7

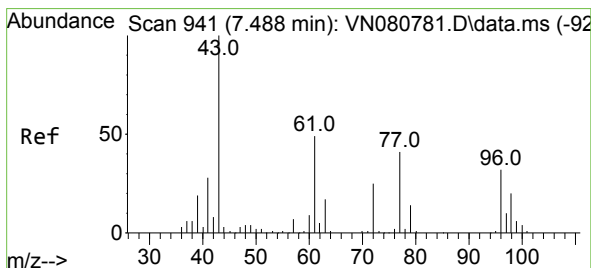
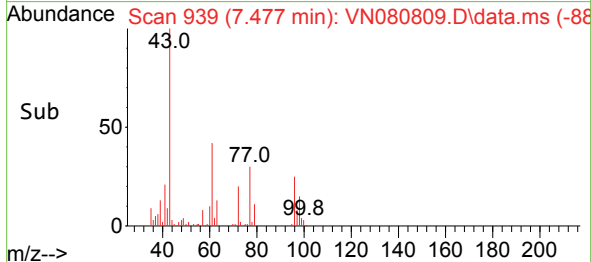
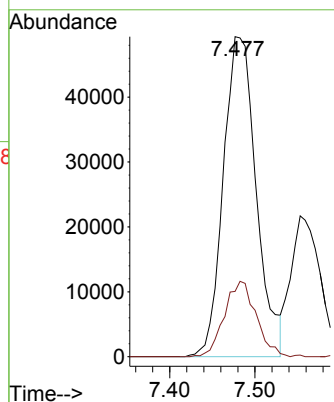
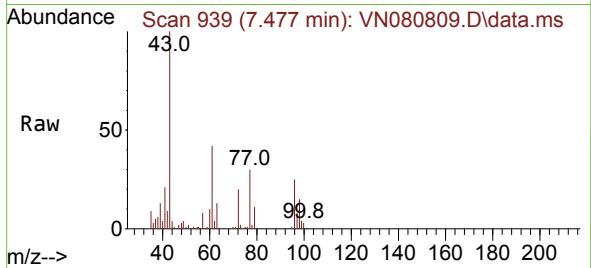




#25
2-Butanone
Concen: 100.187 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

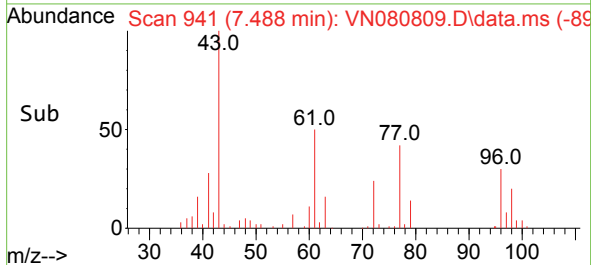
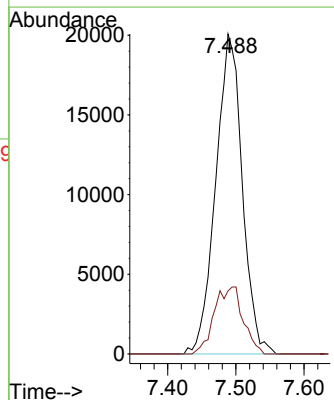
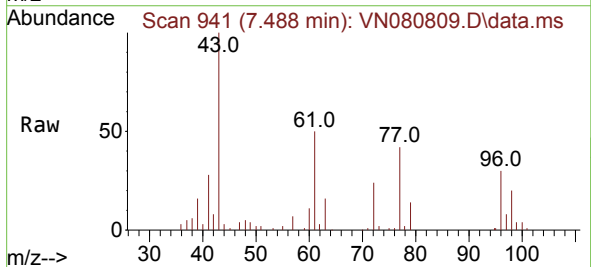
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

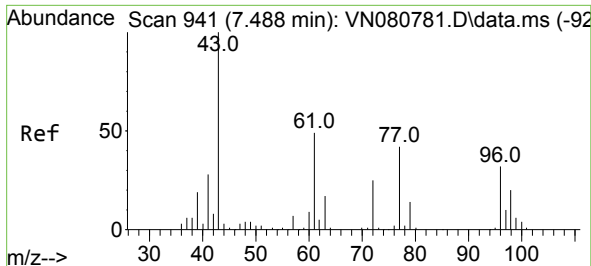
Tgt Ion: 43 Resp: 132441
Ion Ratio Lower Upper
43 100
72 20.4 19.5 29.3



#26
2,2-Dichloropropane
Concen: 19.498 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 77 Resp: 54272
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5

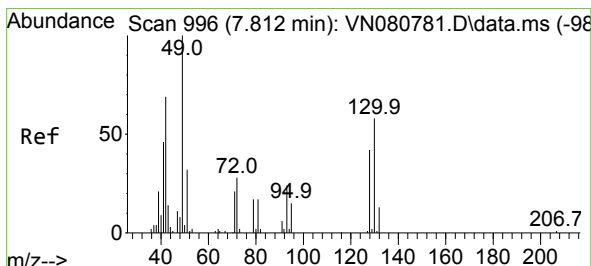
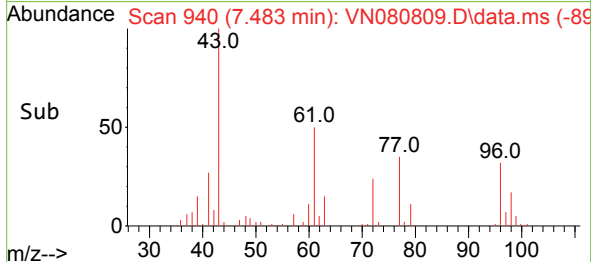
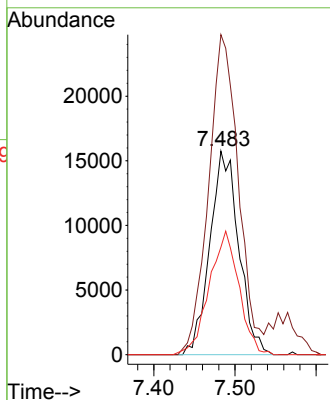
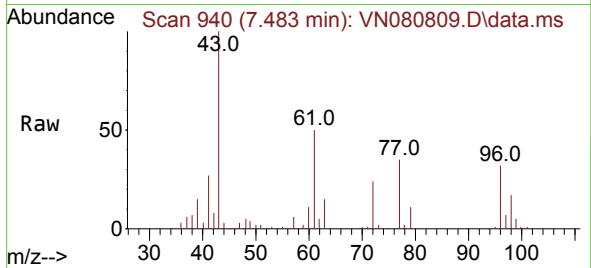




#27
 cis-1,2-Dichloroethene
 Concen: 19.893 ug/l
 RT: 7.483 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

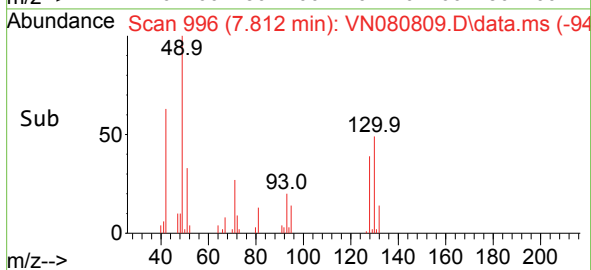
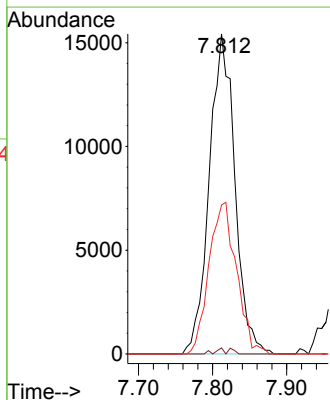
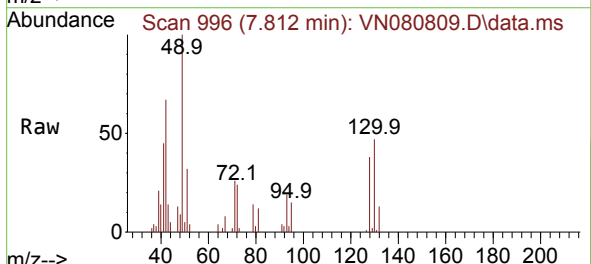
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

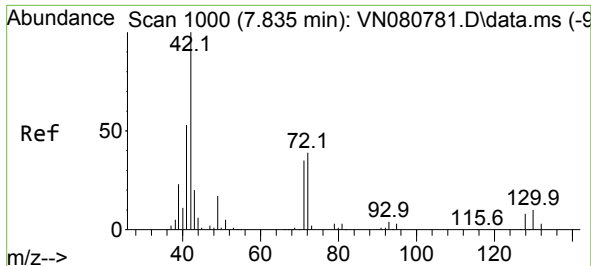
Tgt Ion: 96 Resp: 38954
 Ion Ratio Lower Upper
 96 100
 61 163.0 0.0 325.4
 98 62.5 0.0 130.4



#28
 Bromochloromethane
 Concen: 20.290 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

Tgt Ion: 49 Resp: 36996
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 1.6
 130 50.9 42.3 63.5





#29

Tetrahydrofuran

Concen: 100.408 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

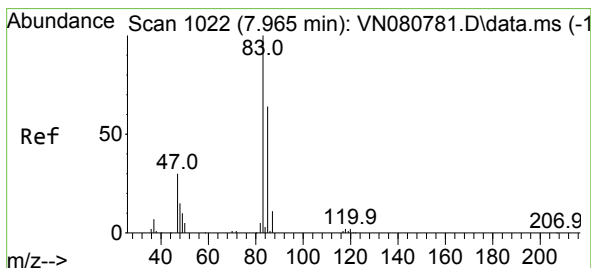
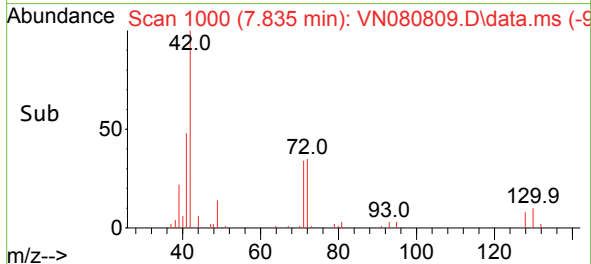
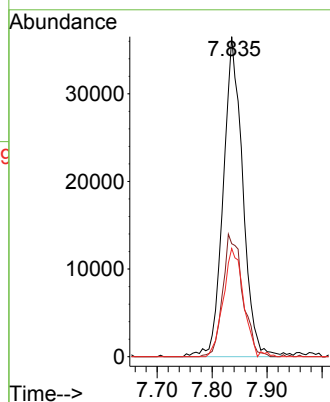
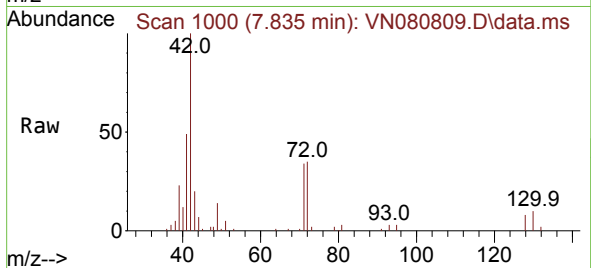
Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tgt Ion:	42	Resp:	89815
Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.1	46.7
71	34.8	28.3	42.5



#30

Chloroform

Concen: 20.646 ug/l

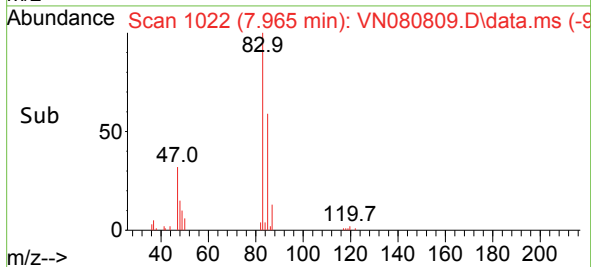
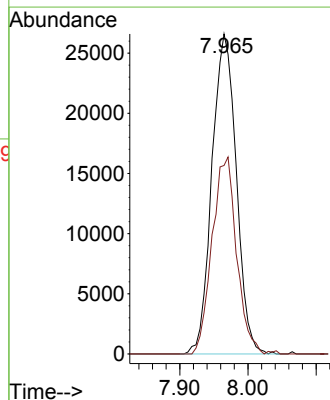
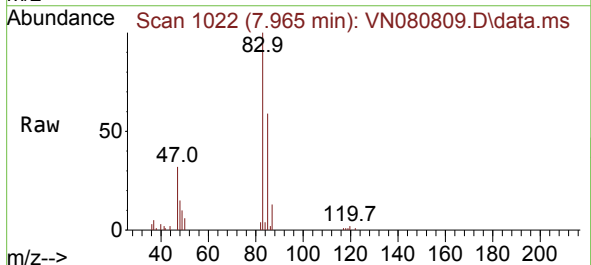
RT: 7.965 min Scan# 1022

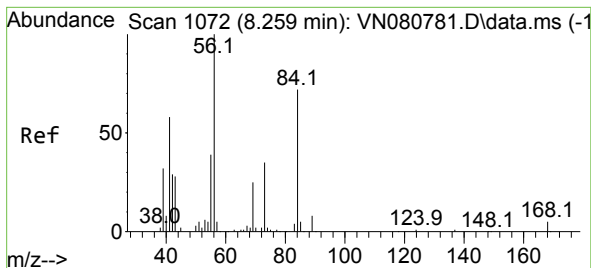
Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Tgt Ion:	83	Resp:	66055
Ion	Ratio	Lower	Upper
83	100		
85	58.9	51.0	76.6





#31

Cyclohexane

Concen: 19.054 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

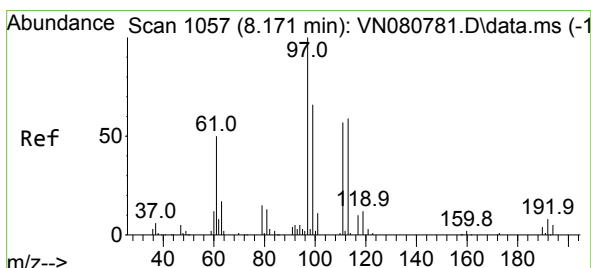
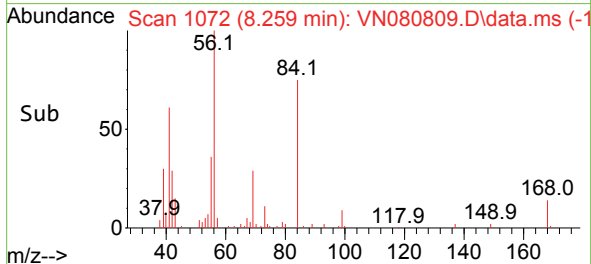
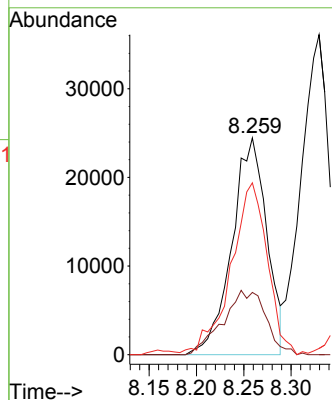
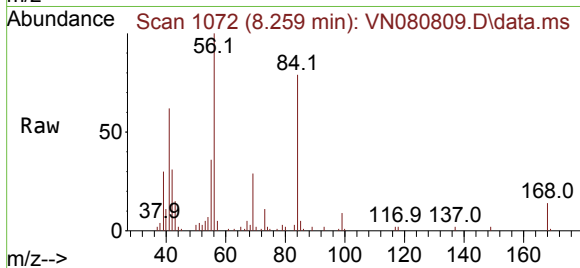
Tgt Ion: 56 Resp: 62699

Ion Ratio Lower Upper

56 100

69 28.7 20.1 30.1

84 78.3 56.9 85.3



#32

1,1,1-Trichloroethane

Concen: 20.948 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

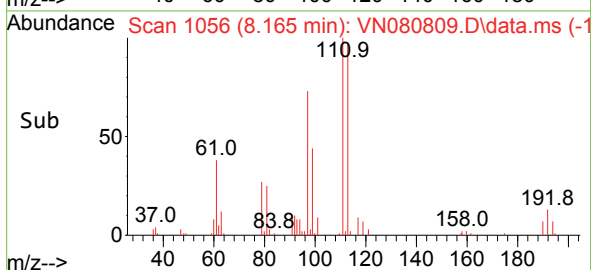
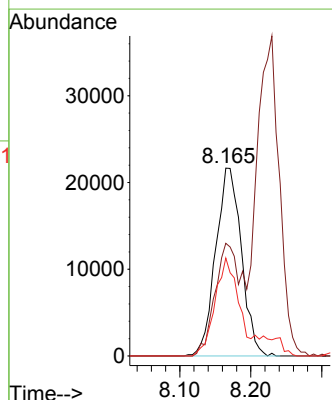
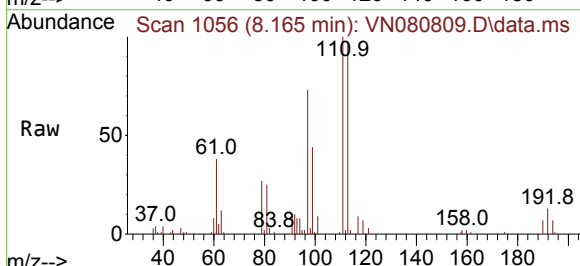
Tgt Ion: 97 Resp: 54350

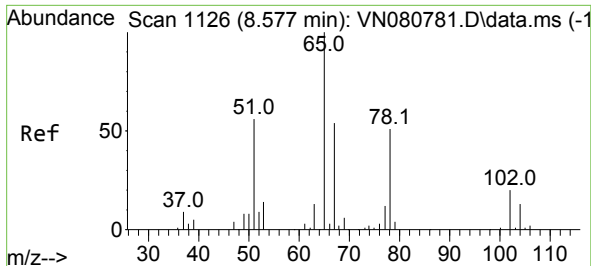
Ion Ratio Lower Upper

97 100

99 62.2 53.4 80.0

61 47.7 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 50.588 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

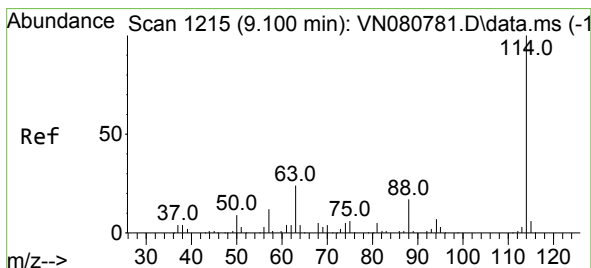
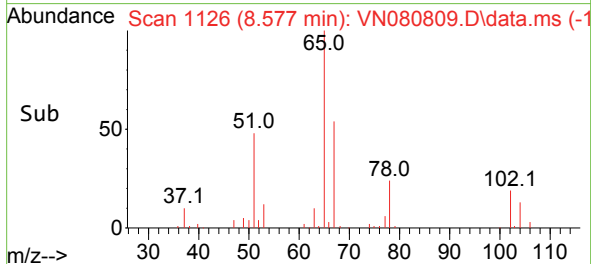
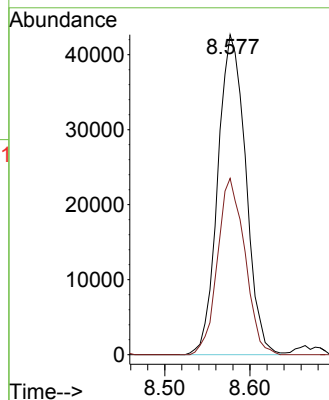
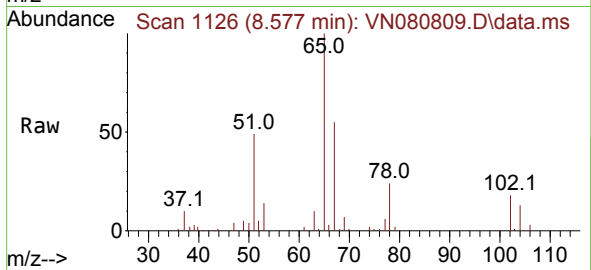
VN0130WBSD01

Tgt Ion: 65 Resp: 97078

Ion Ratio Lower Upper

65 100

67 53.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

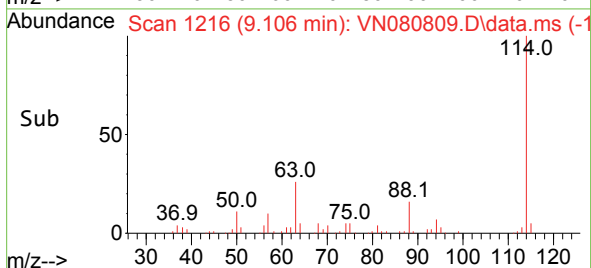
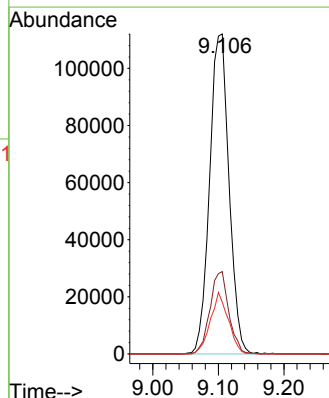
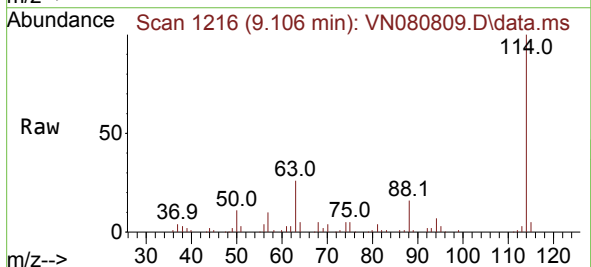
Tgt Ion: 114 Resp: 230361

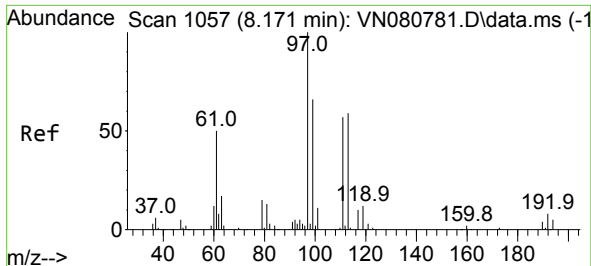
Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 16.1 0.0 34.8

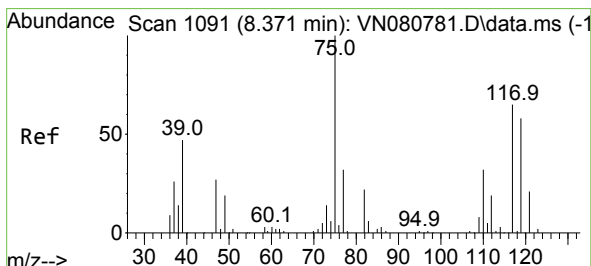
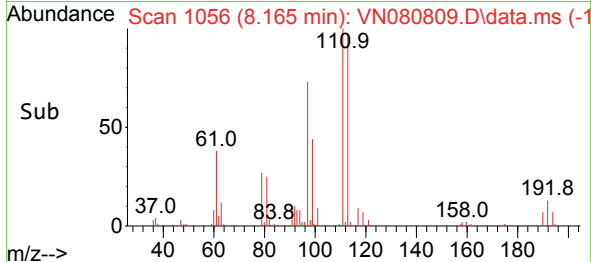
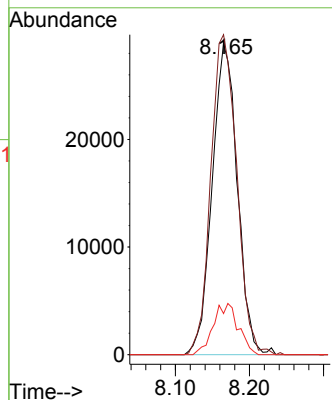
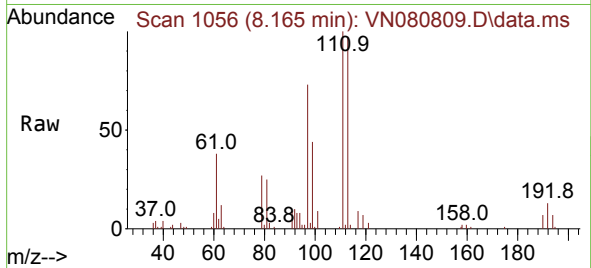




#35
Dibromofluoromethane
Concen: 48.428 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

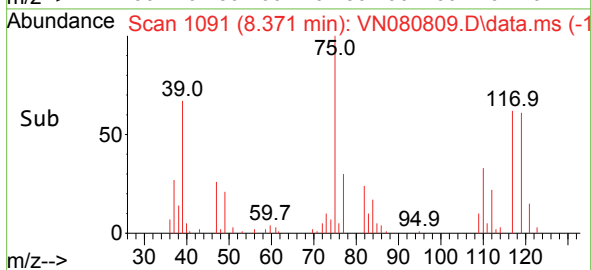
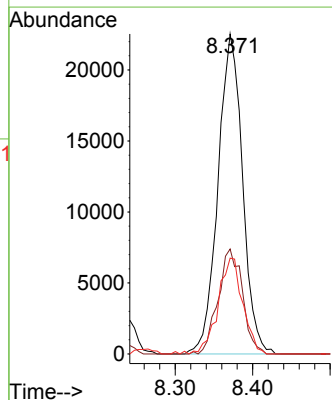
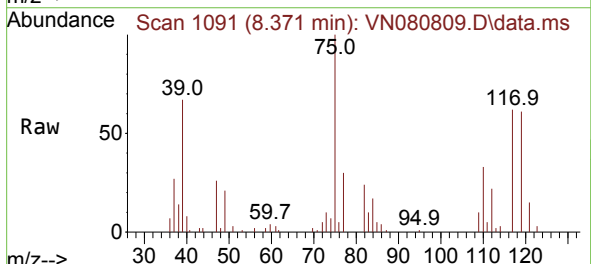
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

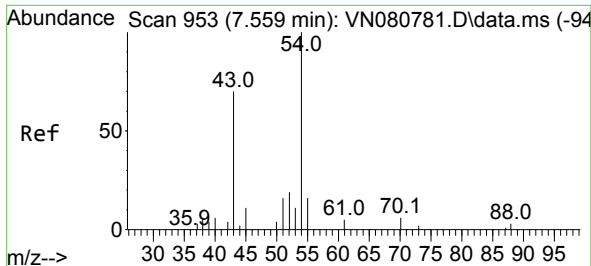
Tgt Ion:113 Resp: 68252
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.4
192 16.4 12.5 18.7



#36
1,1-Dichloropropene
Concen: 18.932 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 75 Resp: 49593
Ion Ratio Lower Upper
75 100
110 32.5 16.0 48.0
77 30.2 25.8 38.6

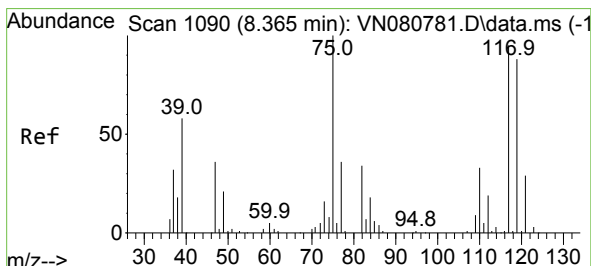
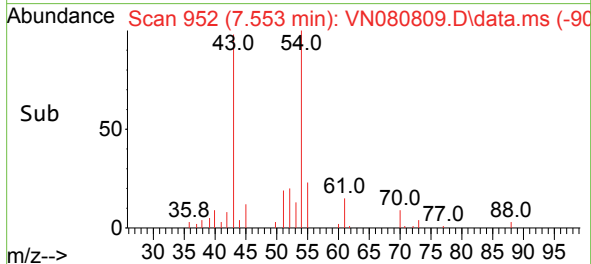
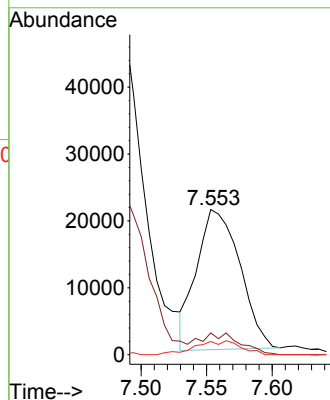
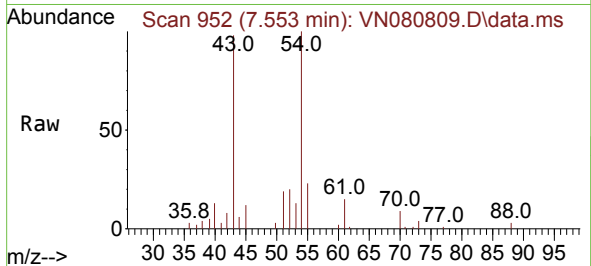




#37
Ethyl Acetate
Concen: 17.819 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

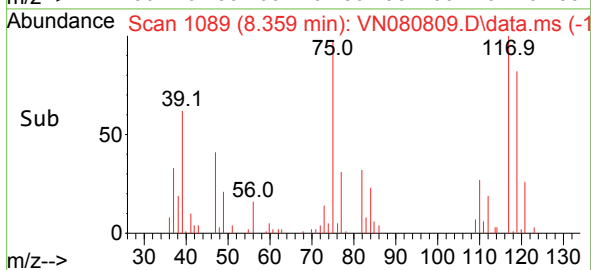
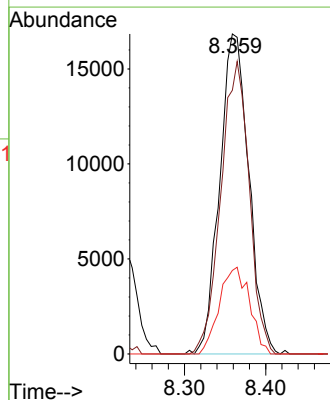
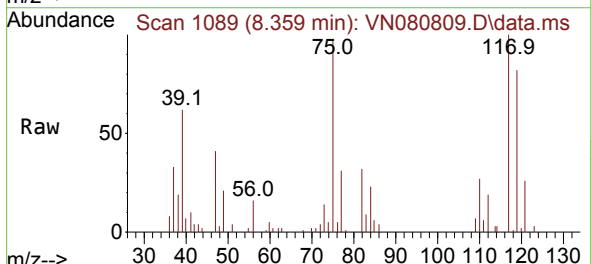
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

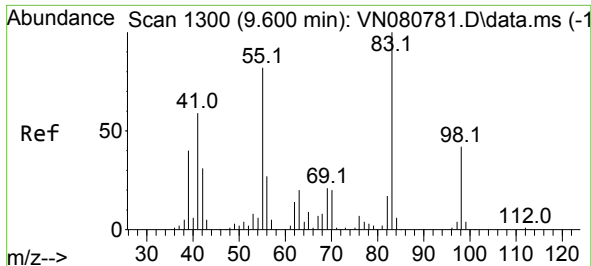
Tgt Ion: 43 Resp: 48052
Ion Ratio Lower Upper
43 100
61 14.5 10.6 15.8
70 10.4 8.0 12.0



#38
Carbon Tetrachloride
Concen: 19.901 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 117 Resp: 42003
Ion Ratio Lower Upper
117 100
119 82.4 73.4 110.2
121 26.1 24.4 36.6





#39

Methylcyclohexane

Concen: 18.609 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

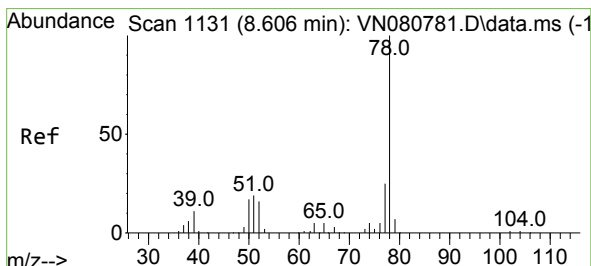
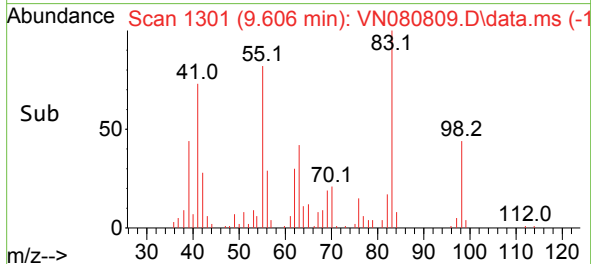
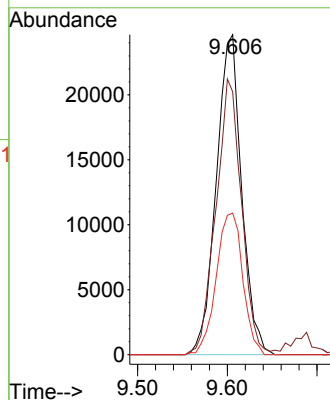
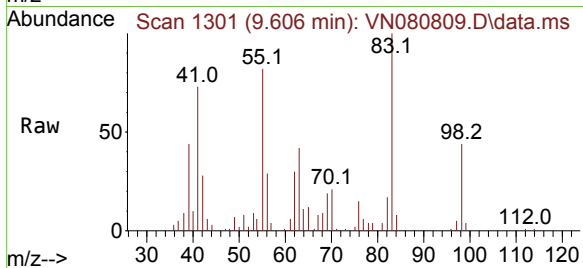
Tgt Ion: 83 Resp: 48453

Ion Ratio Lower Upper

83 100

55 82.2 65.7 98.5

98 44.2 33.8 50.6



#40

Benzene

Concen: 20.217 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080809.D

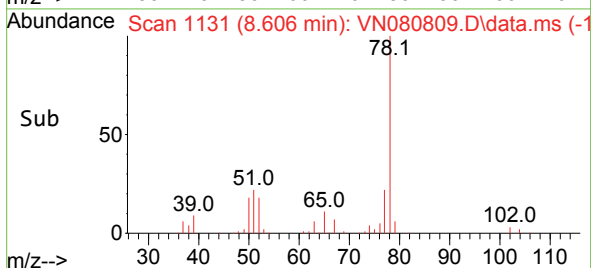
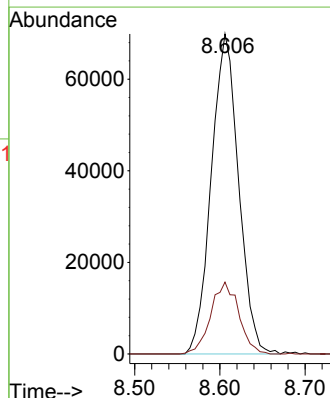
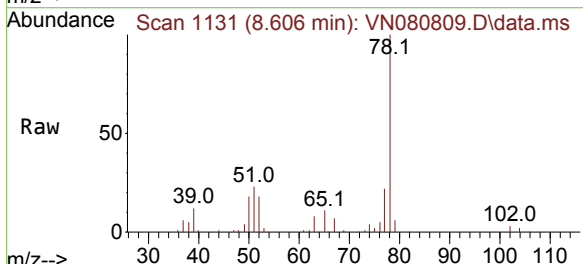
Acq: 30 Jan 2024 12:50

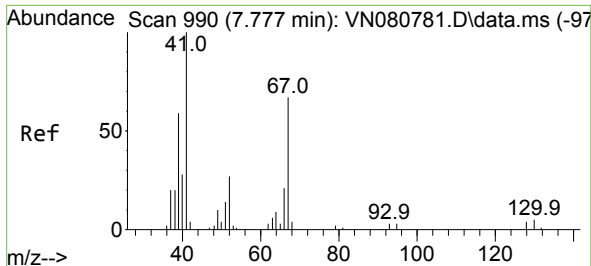
Tgt Ion: 78 Resp: 155652

Ion Ratio Lower Upper

78 100

77 22.5 20.4 30.6

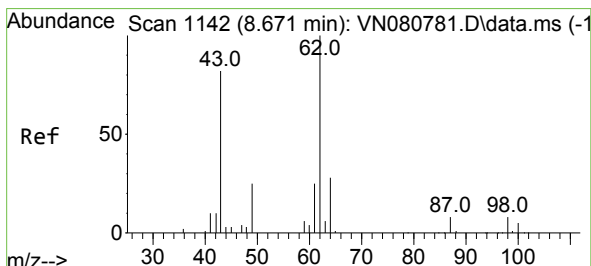
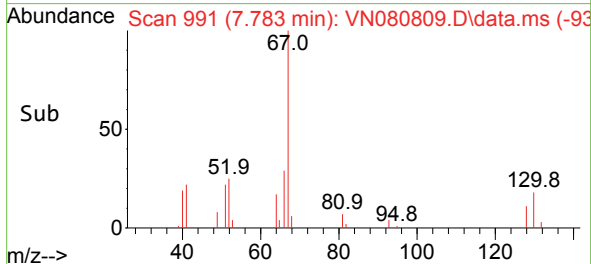
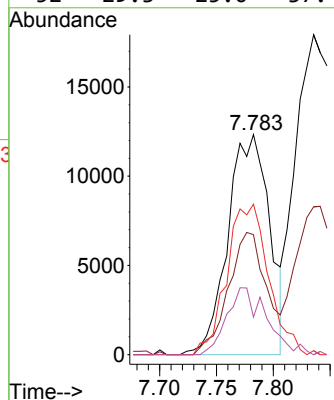
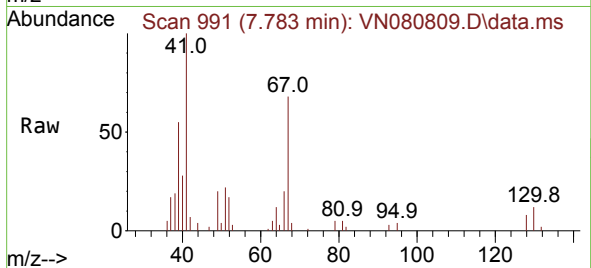




#41
Methacrylonitrile
Concen: 19.792 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

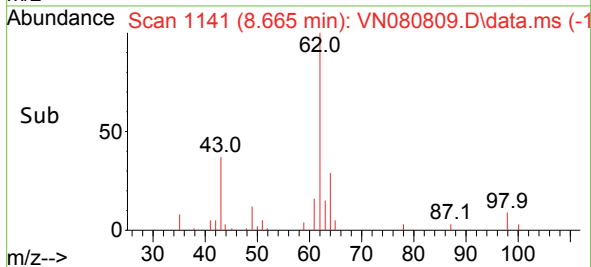
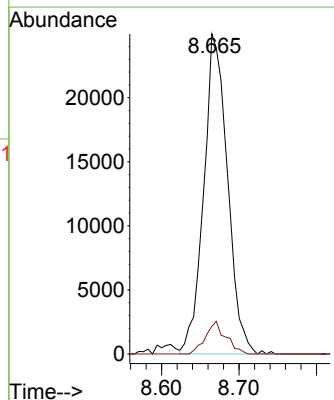
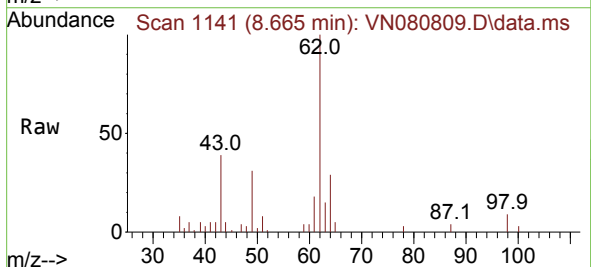
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

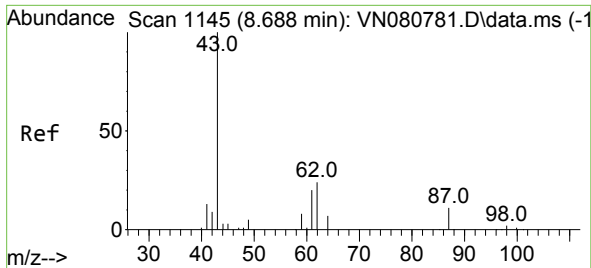
Tgt Ion:	41	Resp:	31456
Ion	Ratio	Lower	Upper
41	100		
39	50.9	48.4	72.6
67	68.5	56.8	85.2
52	29.3	25.0	37.4



#42
1,2-Dichloroethane
Concen: 21.253 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:	62	Resp:	53307
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	18.0

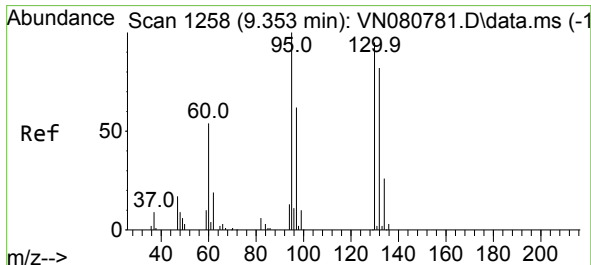
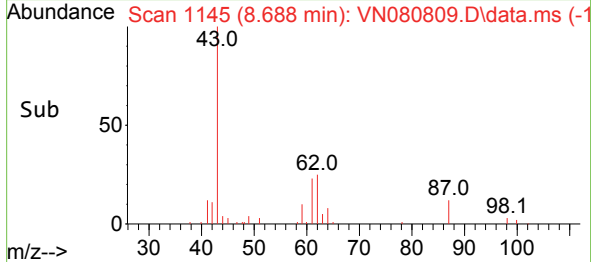
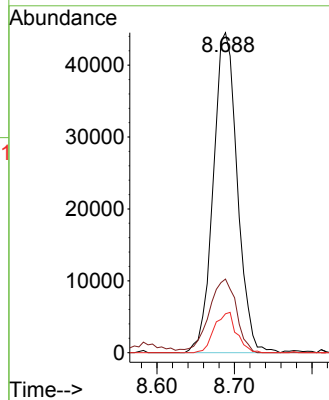
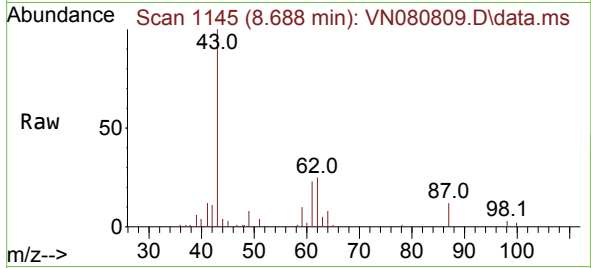




#43
Isopropyl Acetate
Concen: 19.539 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

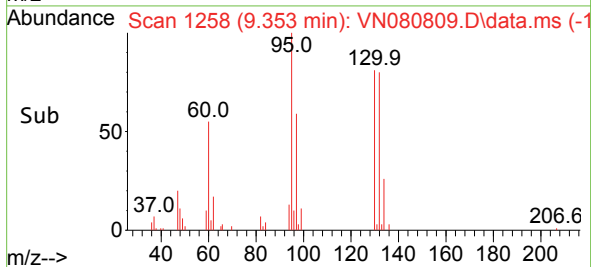
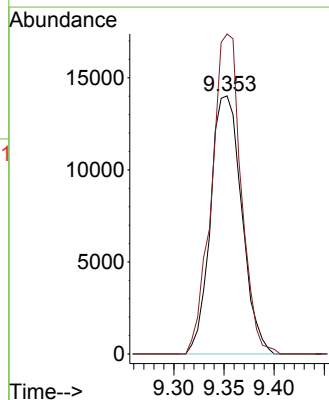
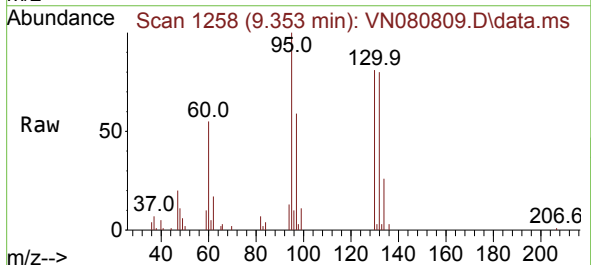
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

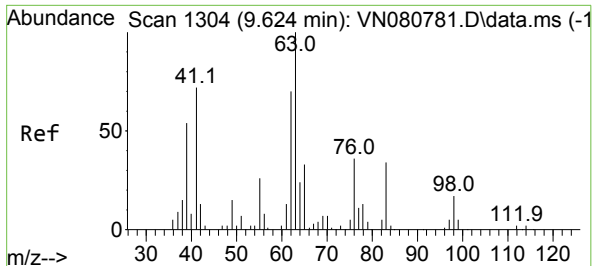
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.0	19.9	29.9
87	11.6	9.0	13.6



#44
Trichloroethene
Concen: 17.883 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion	Ratio	Lower	Upper
130	100		
95	124.0	0.0	210.4





#45

1,2-Dichloropropane

Concen: 20.121 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

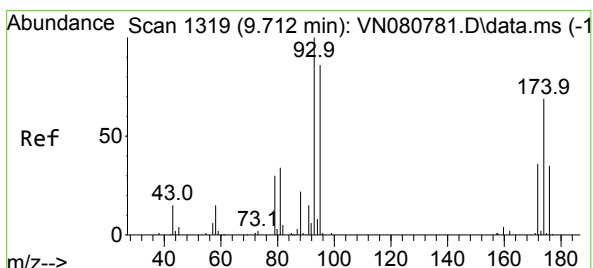
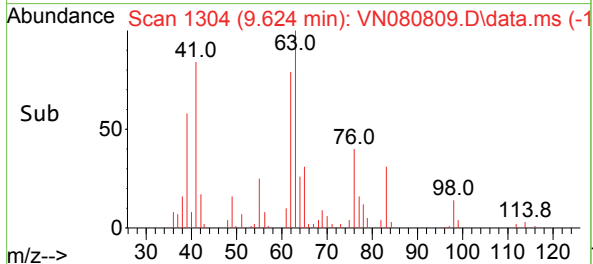
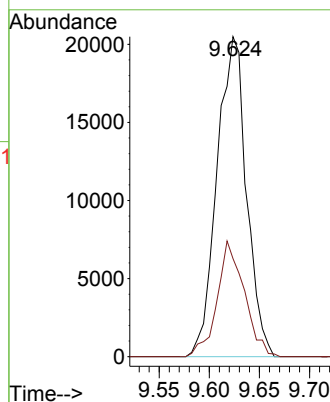
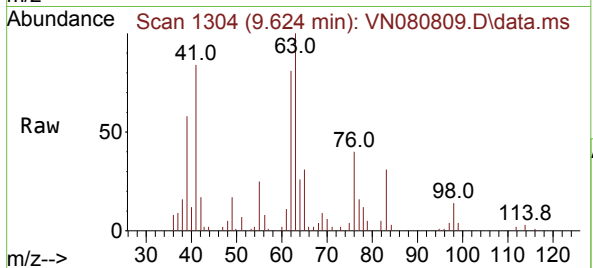
VN0130WBSD01

Tgt Ion: 63 Resp: 41922

Ion Ratio Lower Upper

63 100

65 30.7 26.1 39.1



#46

Dibromomethane

Concen: 18.995 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

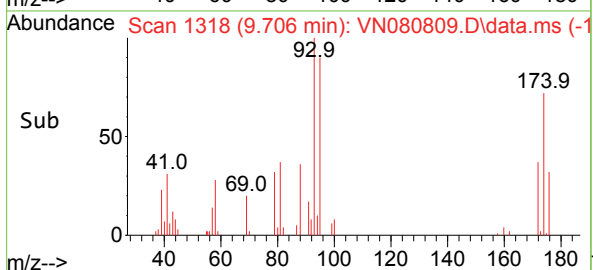
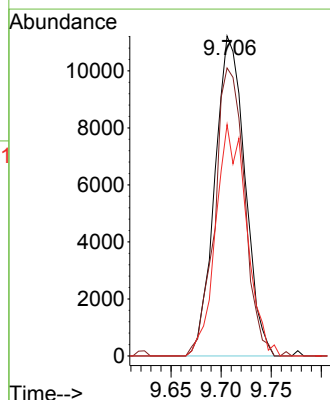
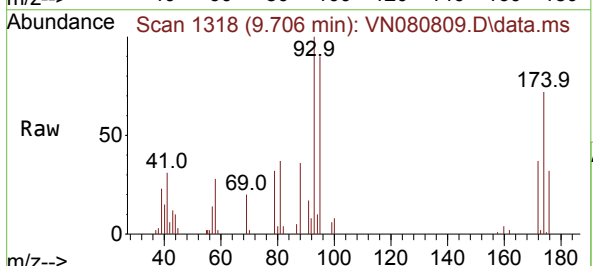
Tgt Ion: 93 Resp: 23461

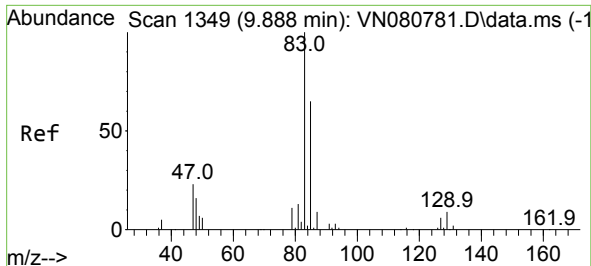
Ion Ratio Lower Upper

93 100

95 88.6 68.1 102.1

174 74.2 57.2 85.8

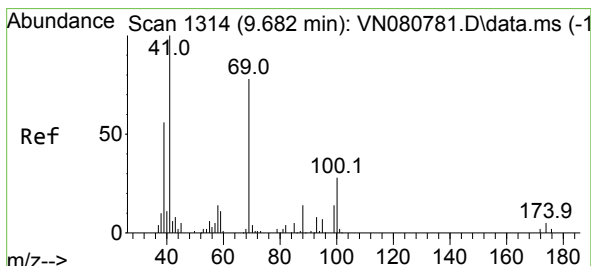
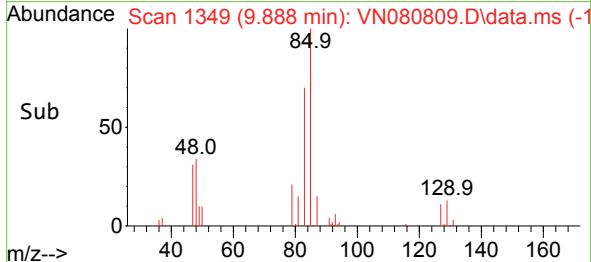
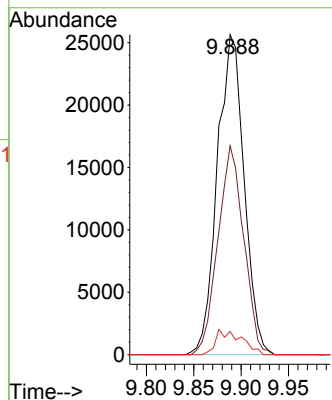
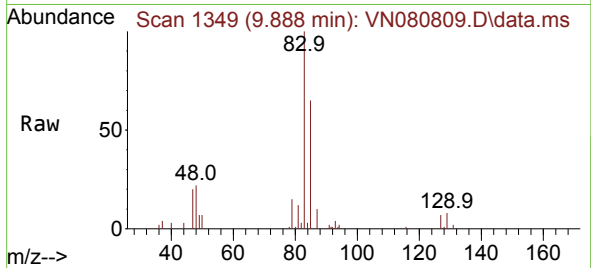




#47
Bromodichloromethane
Concen: 20.116 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

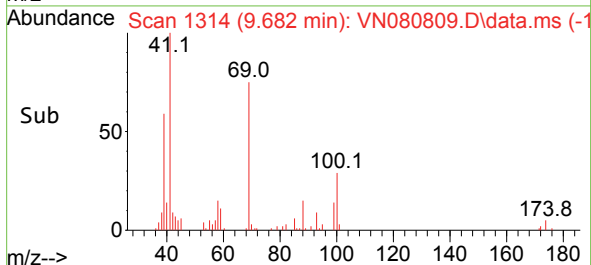
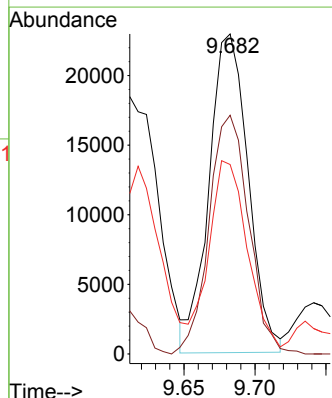
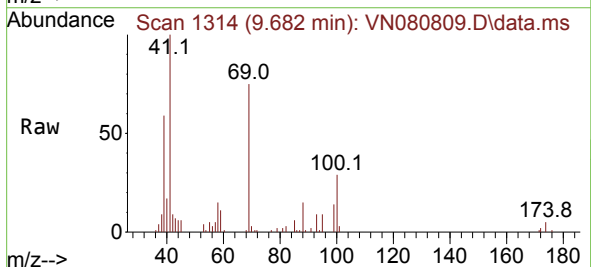
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

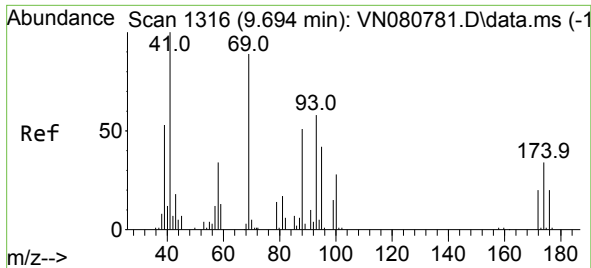
Tgt Ion: 83 Resp: 50443
Ion Ratio Lower Upper
83 100
85 65.3 52.3 78.5
127 7.2 4.6 7.0#



#48
Methyl methacrylate
Concen: 18.449 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 41 Resp: 43911
Ion Ratio Lower Upper
41 100
69 75.9 62.2 93.2
39 60.3 47.6 71.4

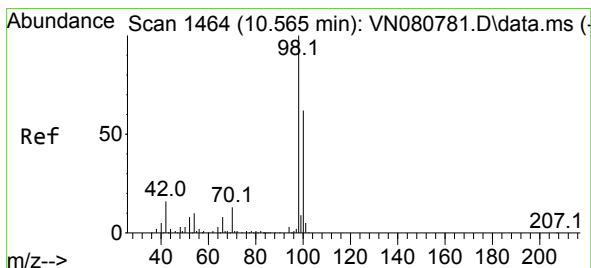
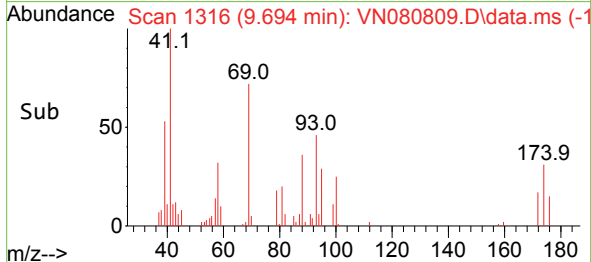
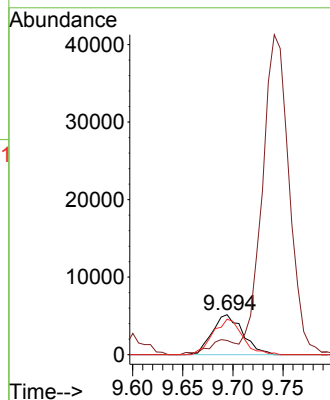
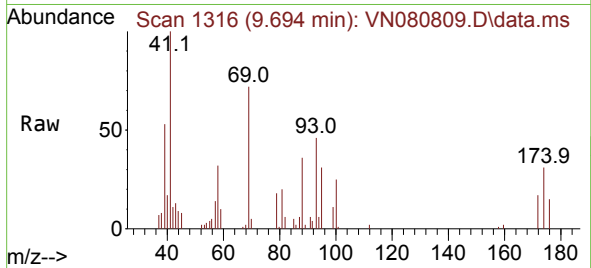




#49
1,4-Dioxane
Concen: 383.746 ug/l
RT: 9.694 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

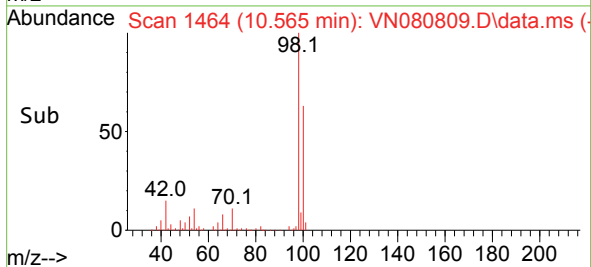
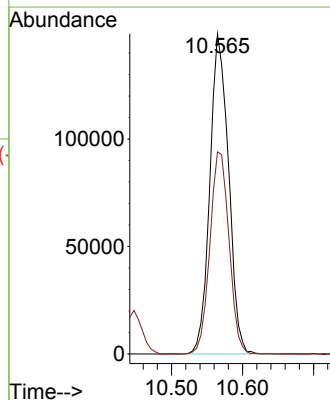
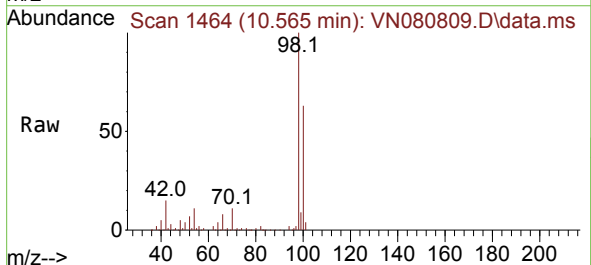
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

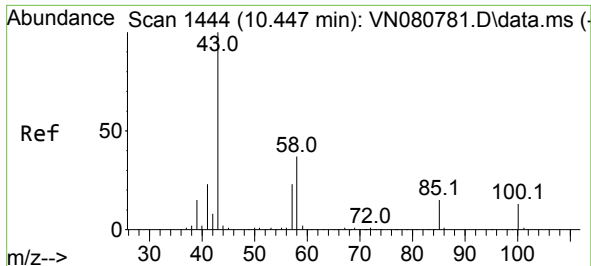
Tgt Ion: 88 Resp: 11002
Ion Ratio Lower Upper
88 100
43 34.5 30.1 45.1
58 85.5 63.9 95.9



#50
Toluene-d8
Concen: 49.254 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 98 Resp: 271690
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0

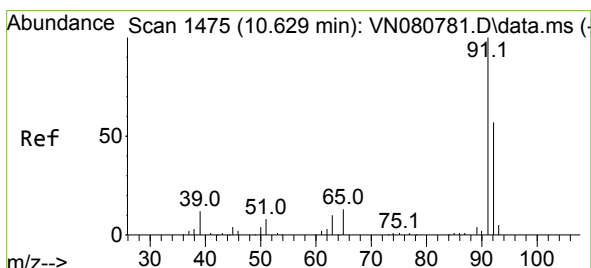
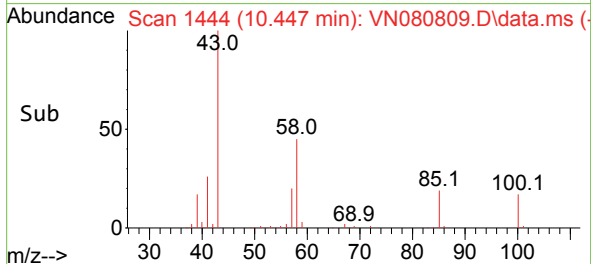
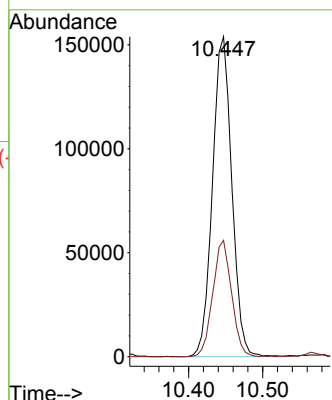
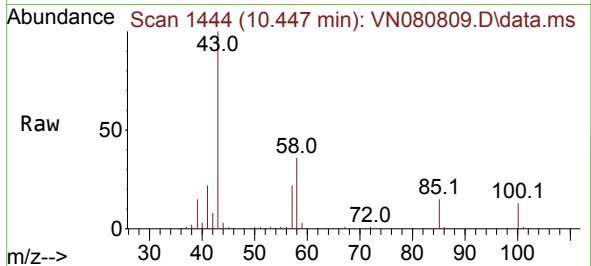




#51
4-Methyl-2-Pentanone
Concen: 101.592 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

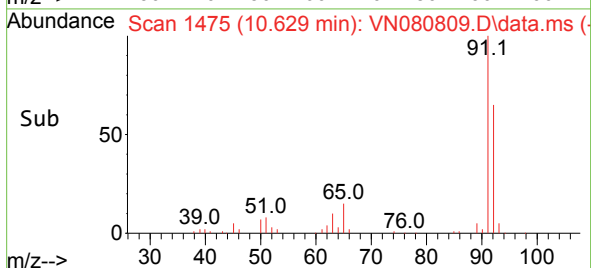
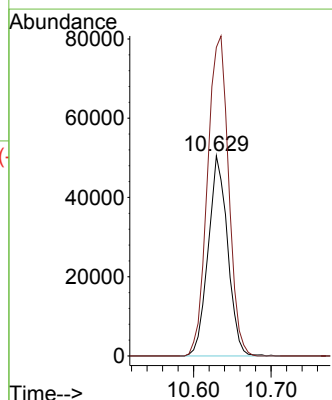
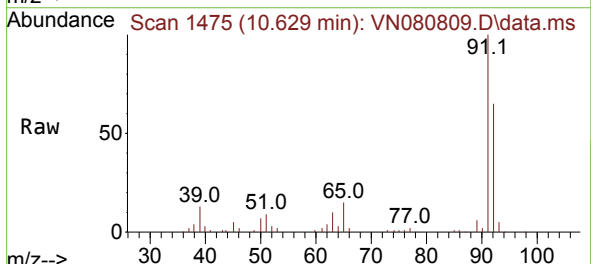
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

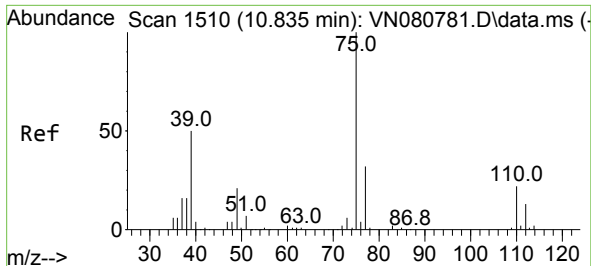
Tgt Ion: 43 Resp: 278825
Ion Ratio Lower Upper
43 100
58 35.4 29.4 44.0



#52
Toluene
Concen: 19.940 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 92 Resp: 88023
Ion Ratio Lower Upper
92 100
91 173.3 139.4 209.0

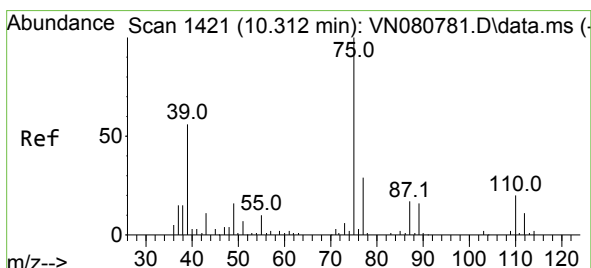
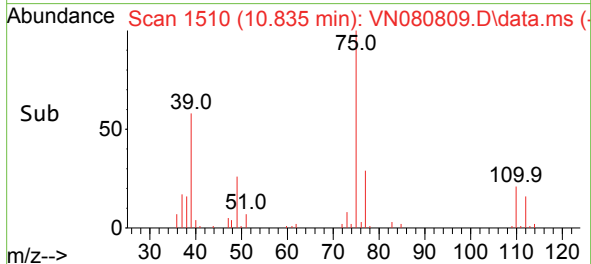
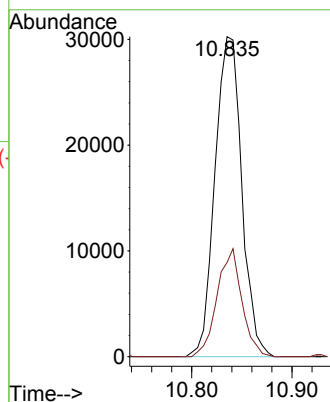
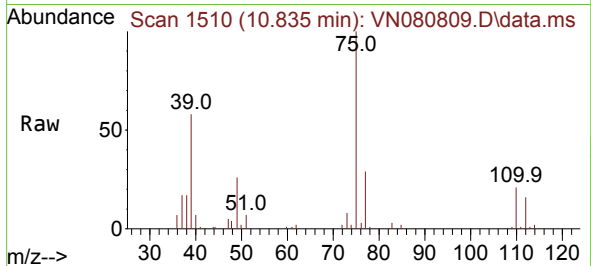




#53
 t-1,3-Dichloropropene
 Concen: 19.206 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

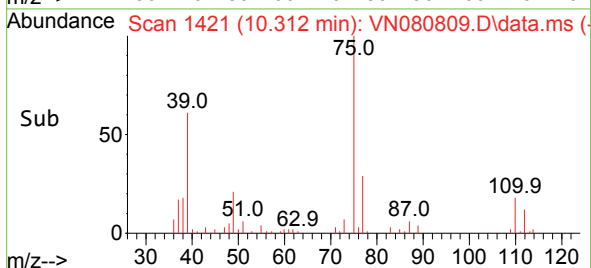
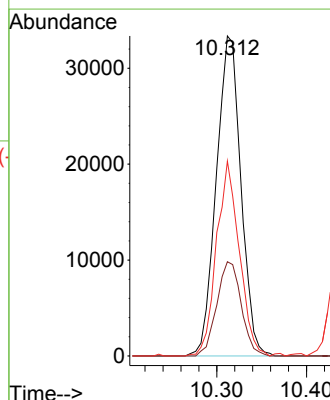
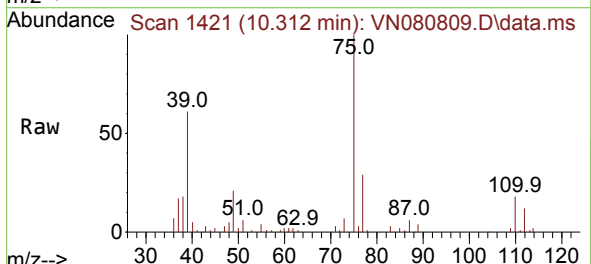
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

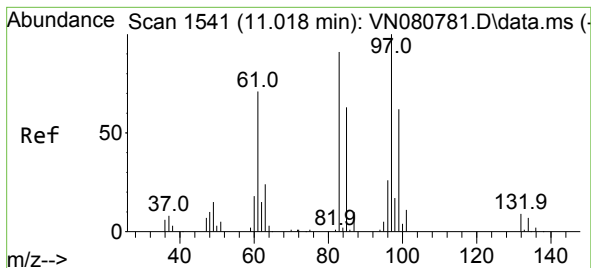
Tgt Ion: 75 Resp: 56107
 Ion Ratio Lower Upper
 75 100
 77 29.5 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 20.011 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

Tgt Ion: 75 Resp: 63569
 Ion Ratio Lower Upper
 75 100
 77 29.4 23.3 34.9
 39 60.9 44.6 66.8





#55

1,1,2-Trichloroethane

Concen: 20.050 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

Tgt Ion: 97 Resp: 34014

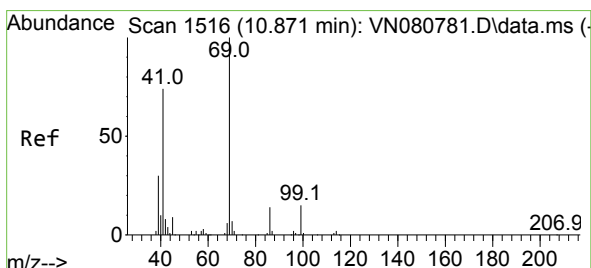
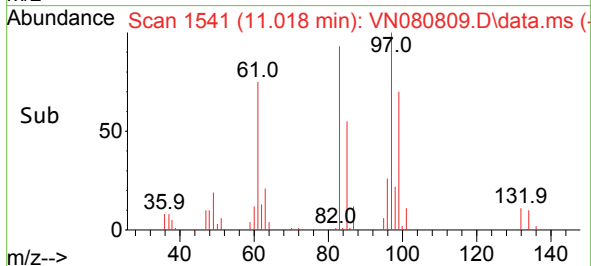
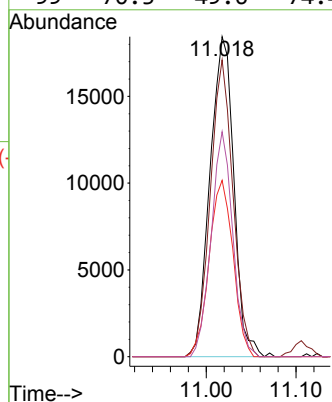
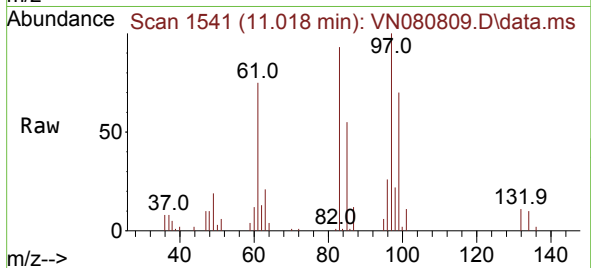
Ion Ratio Lower Upper

97 100

83 92.8 72.9 109.3

85 55.1 50.2 75.2

99 70.3 49.6 74.4



#56

Ethyl methacrylate

Concen: 22.236 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. 0.005 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

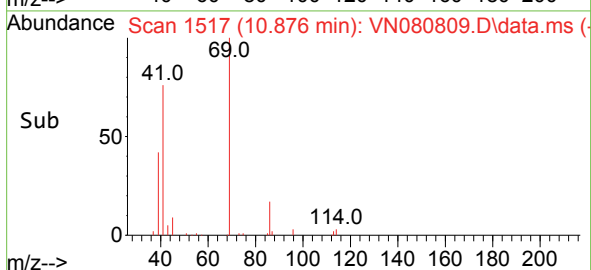
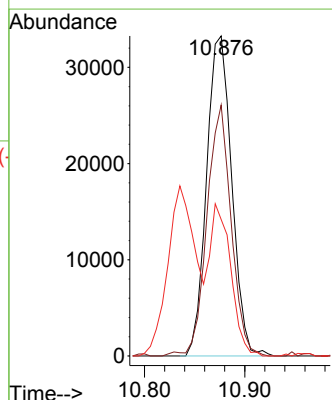
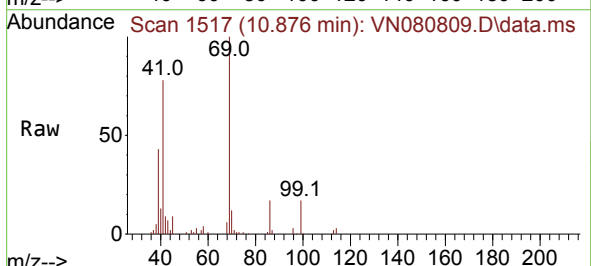
Tgt Ion: 69 Resp: 57990

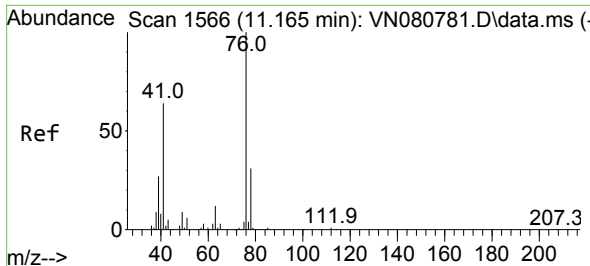
Ion Ratio Lower Upper

69 100

41 75.6 61.0 91.6

39 39.8 31.8 47.6





#57

1,3-Dichloropropane

Concen: 20.274 ug/l

RT: 11.165 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

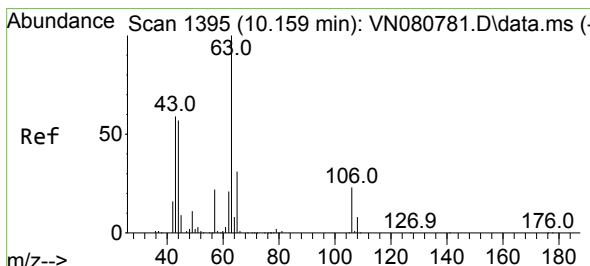
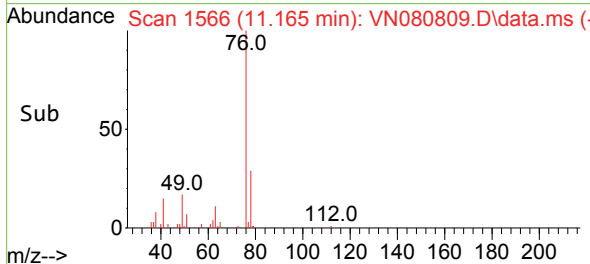
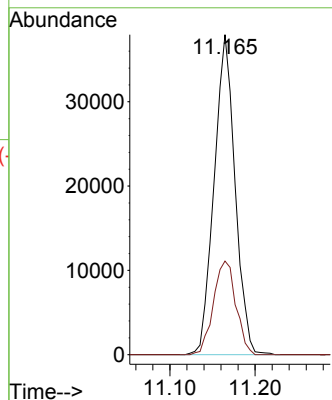
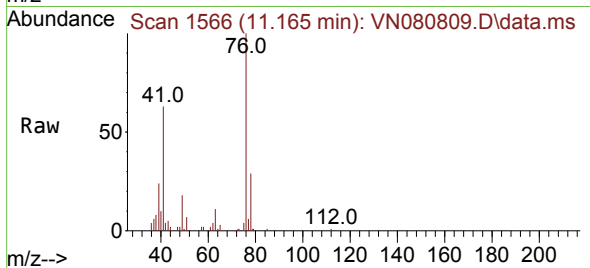
VN0130WBSD01

Tgt Ion: 76 Resp: 64732

Ion Ratio Lower Upper

76 100

78 31.4 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 104.264 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080809.D

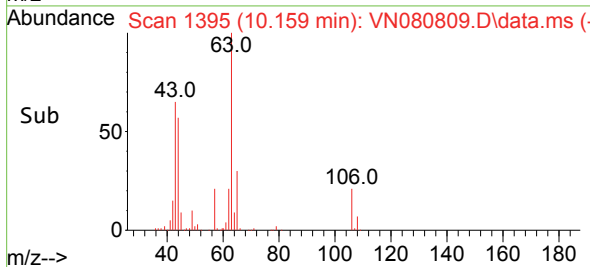
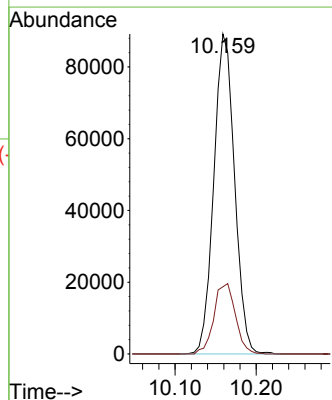
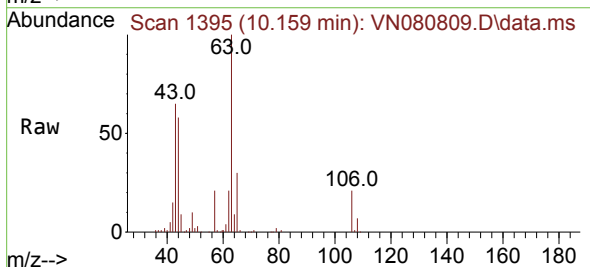
Acq: 30 Jan 2024 12:50

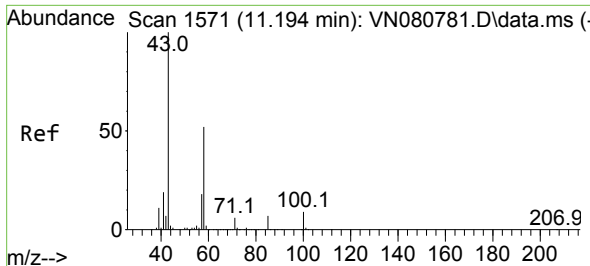
Tgt Ion: 63 Resp: 158516

Ion Ratio Lower Upper

63 100

106 22.8 18.6 28.0

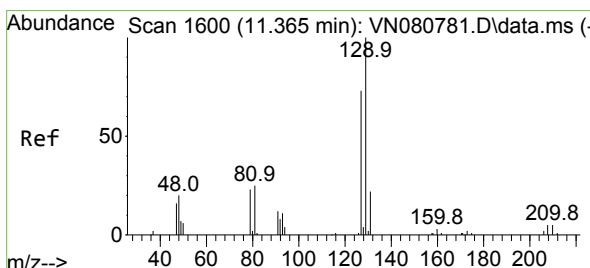
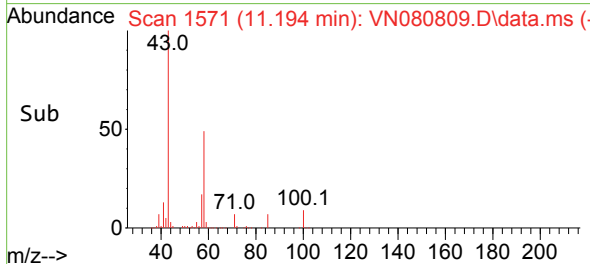
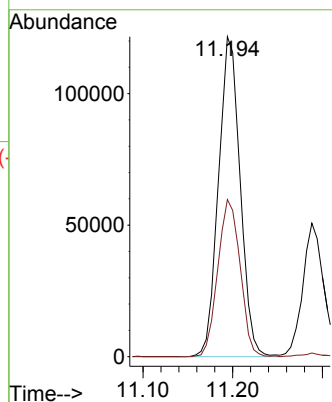
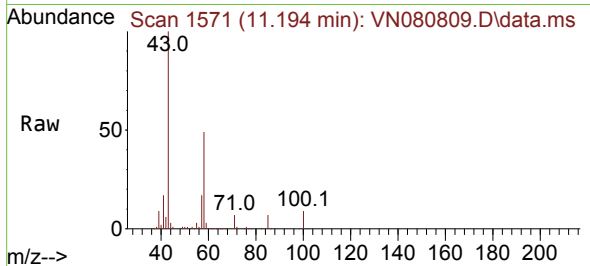




#59
2-Hexanone
Concen: 95.774 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

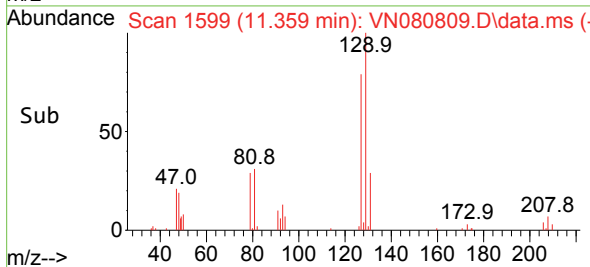
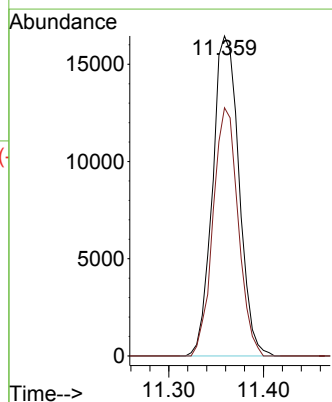
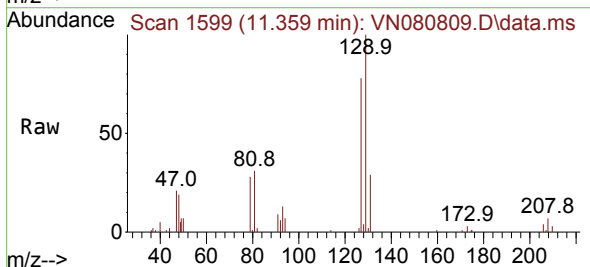
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

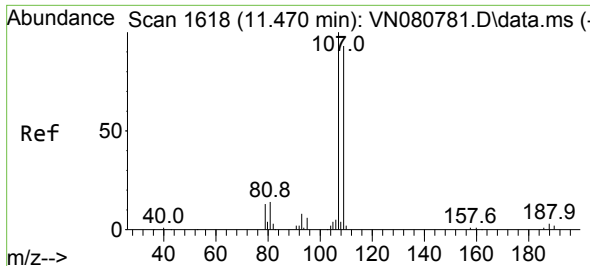
Tgt Ion: 43 Resp: 204180
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.8



#60
Dibromochloromethane
Concen: 20.216 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:129 Resp: 31900
Ion Ratio Lower Upper
129 100
127 73.7 39.4 118.2

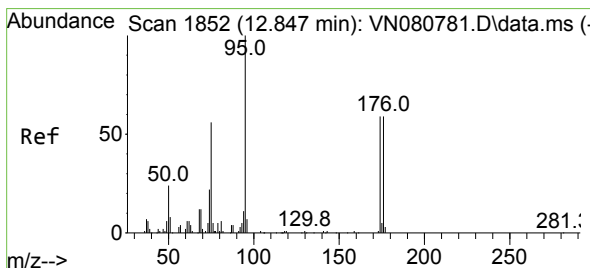
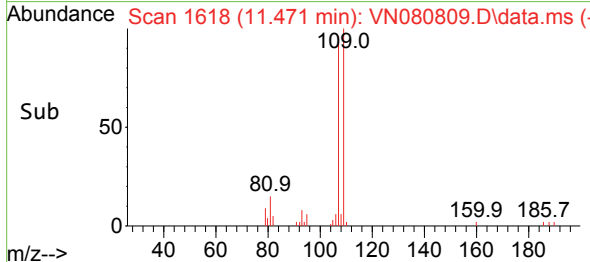
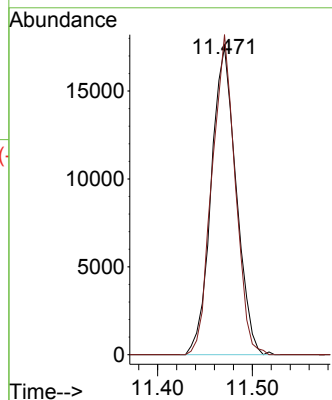
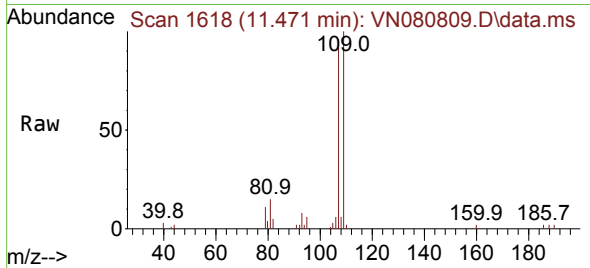




#61
1,2-Dibromoethane
Concen: 20.209 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

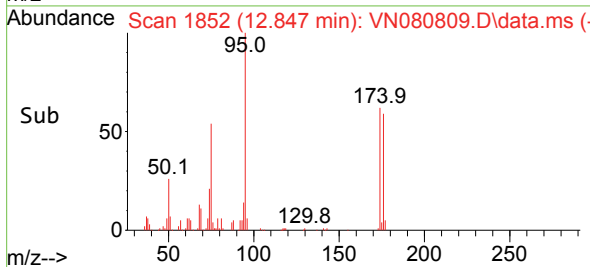
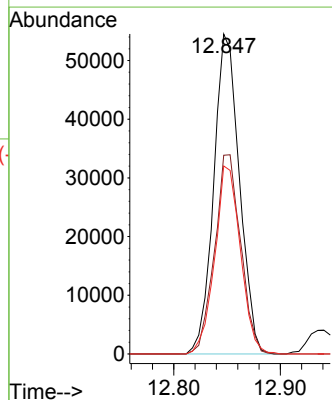
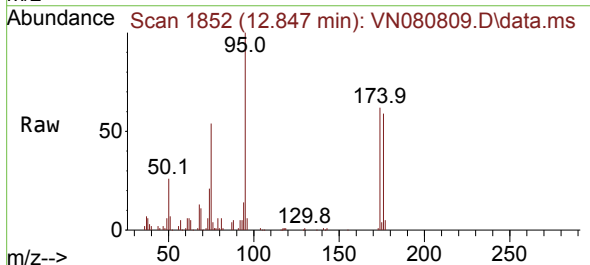
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

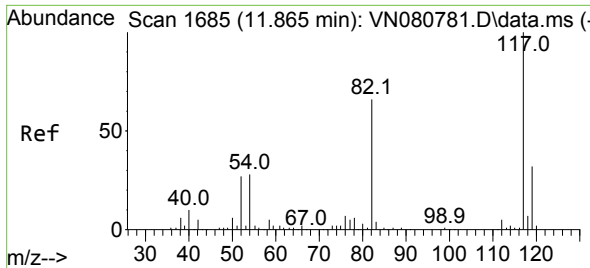
Tgt Ion:107 Resp: 32131
Ion Ratio Lower Upper
107 100
109 96.3 73.4 110.2



#62
4-Bromofluorobenzene
Concen: 47.518 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 95 Resp: 91340
Ion Ratio Lower Upper
95 100
174 63.1 0.0 120.4
176 58.7 0.0 121.0

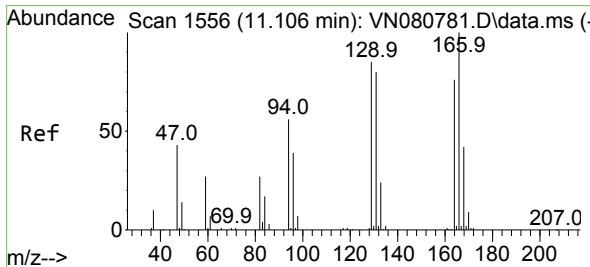
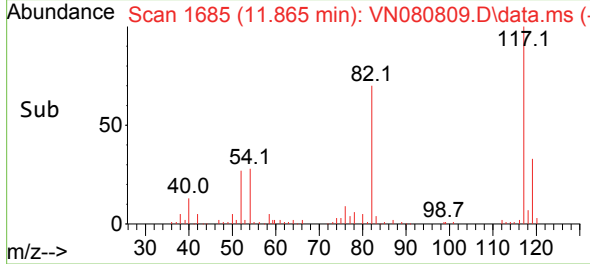
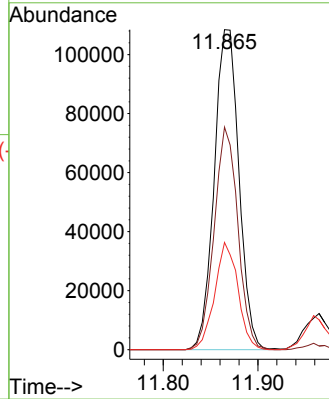
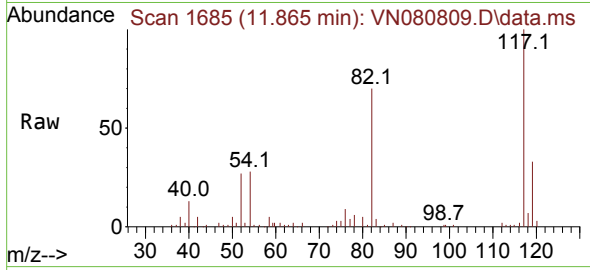




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

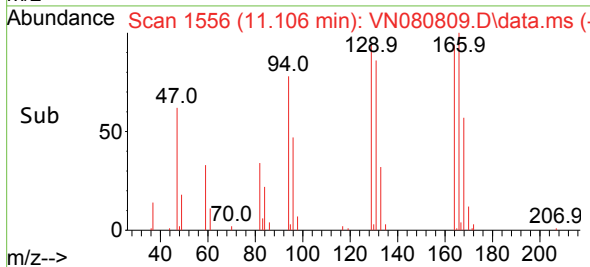
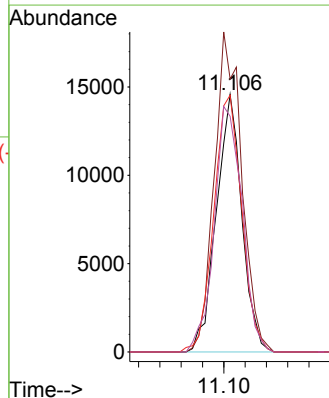
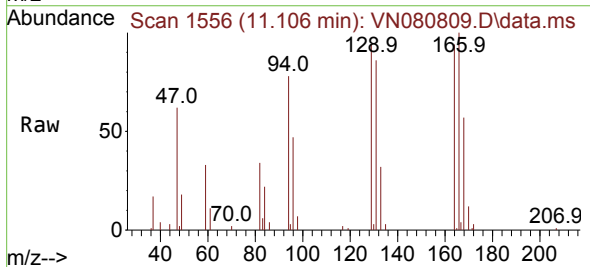
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

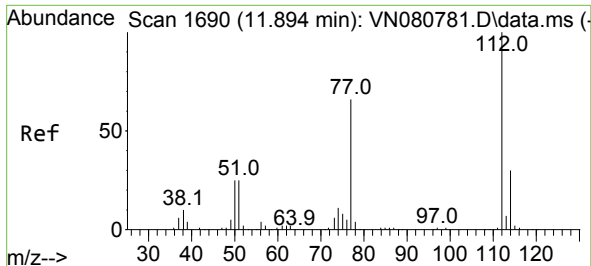
Tgt Ion:117 Resp: 196926
Ion Ratio Lower Upper
117 100
82 69.5 52.7 79.1
119 33.5 25.3 37.9



#64
Tetrachloroethene
Concen: 18.689 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:164 Resp: 24190
Ion Ratio Lower Upper
164 100
166 106.0 105.8 158.6
129 99.7 89.6 134.4
131 91.6 84.9 127.3

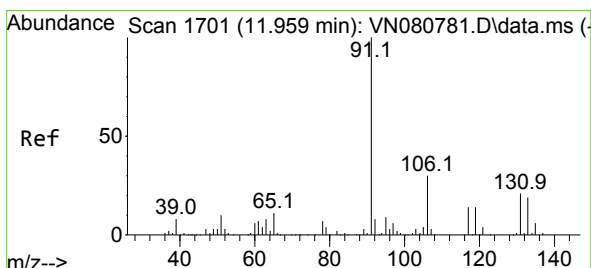
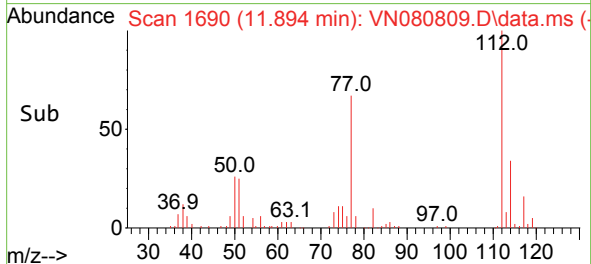
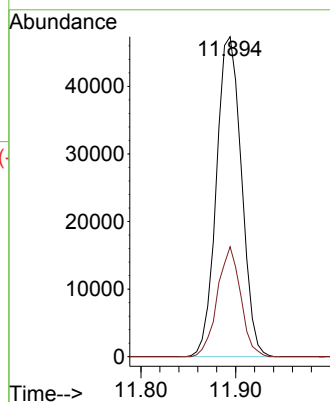
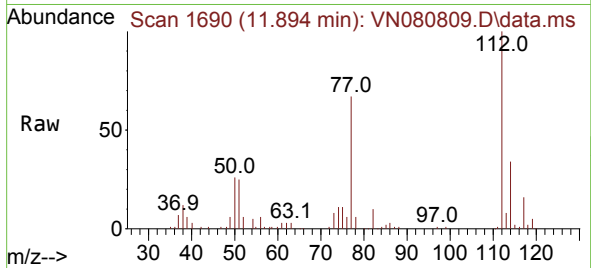




#65
Chlorobenzene
Concen: 20.281 ug/l
RT: 11.894 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

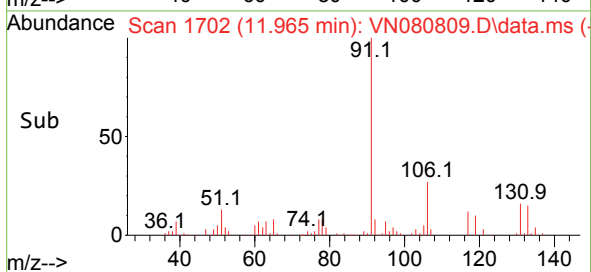
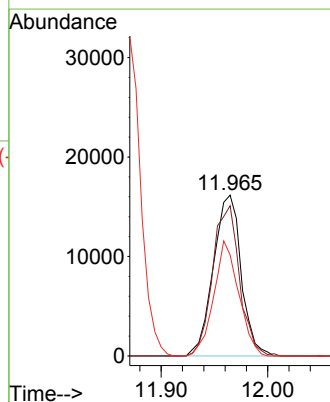
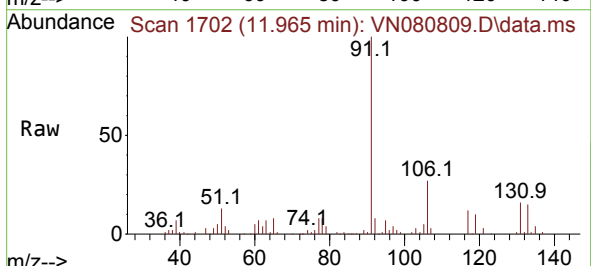
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

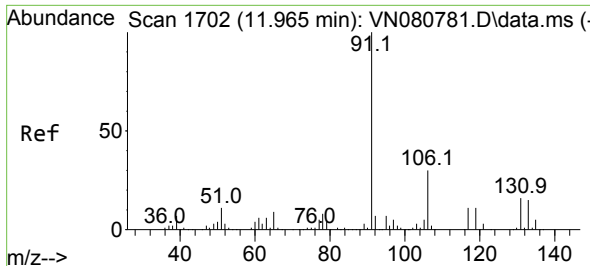
Tgt Ion:112 Resp: 87164
Ion Ratio Lower Upper
112 100
114 34.3 23.7 35.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.965 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:131 Resp: 29301
Ion Ratio Lower Upper
131 100
133 90.5 46.8 140.3
119 64.3 34.6 103.9

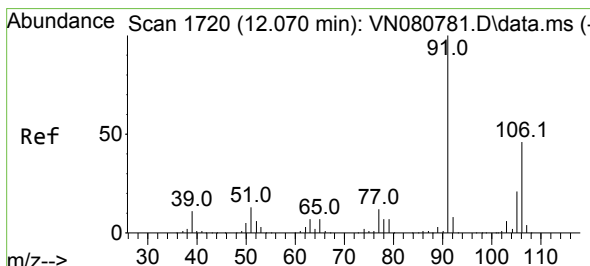
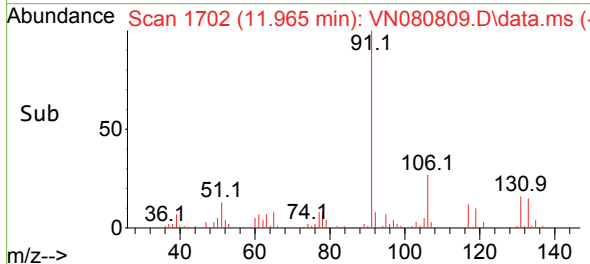
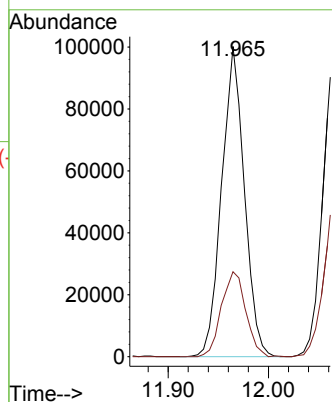
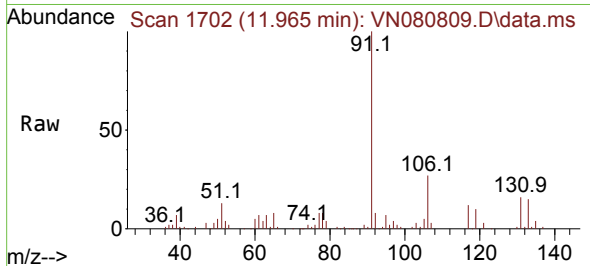




#67
Ethyl Benzene
Concen: 19.653 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

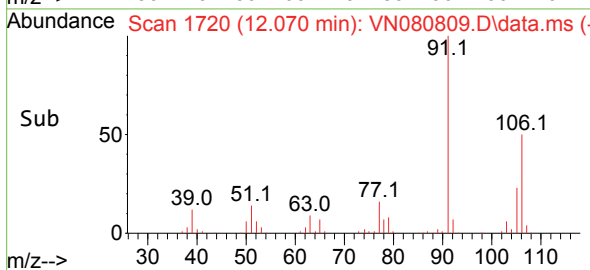
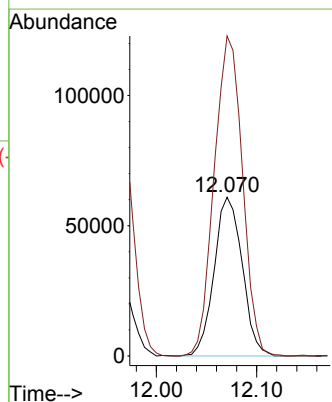
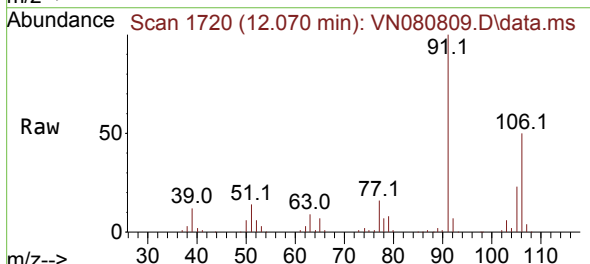
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

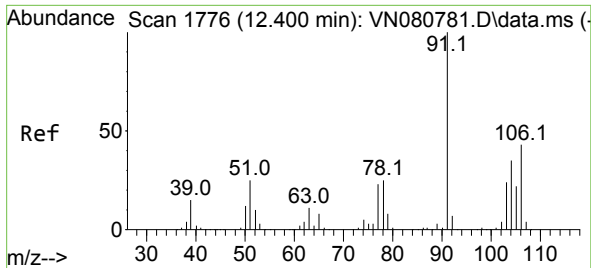
Tgt Ion: 91 Resp: 156995
Ion Ratio Lower Upper
91 100
106 27.4 23.8 35.6



#68
m/p-Xylenes
Concen: 41.791 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:106 Resp: 118555
Ion Ratio Lower Upper
106 100
91 203.4 169.0 253.6

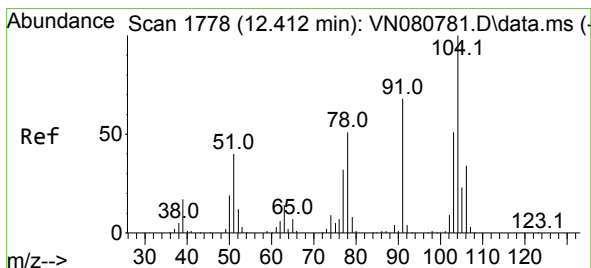
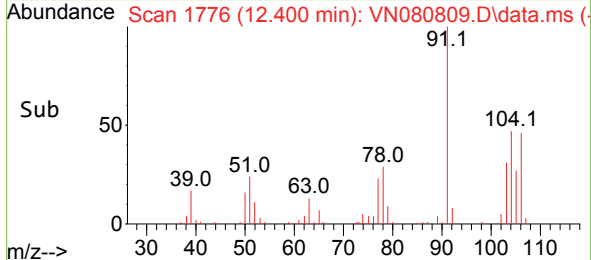
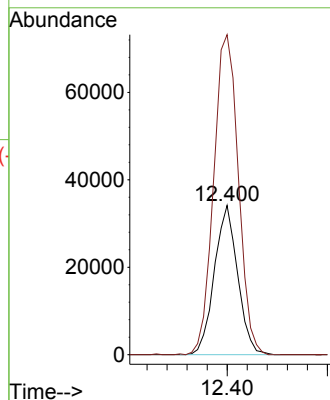
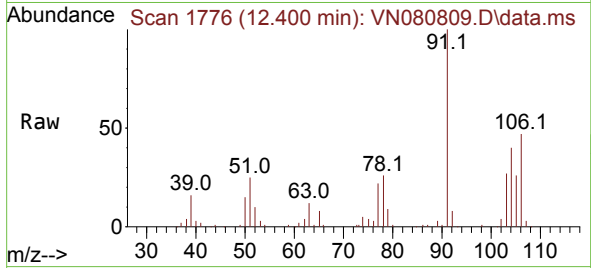




#69
o-Xylene
Concen: 19.488 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

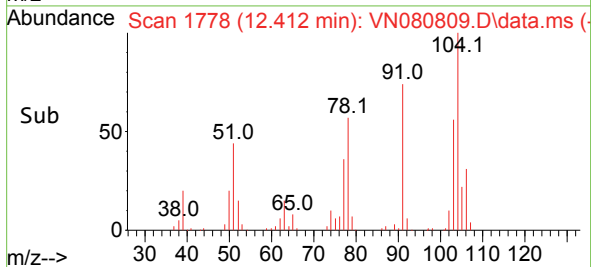
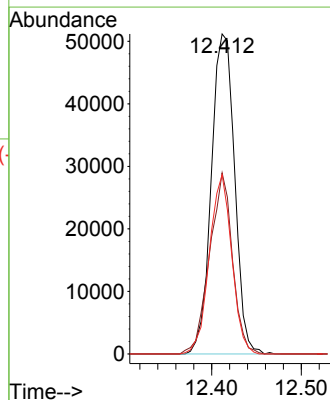
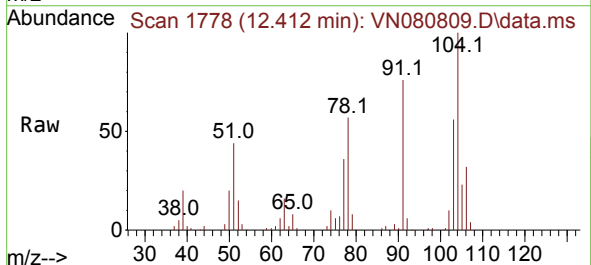
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

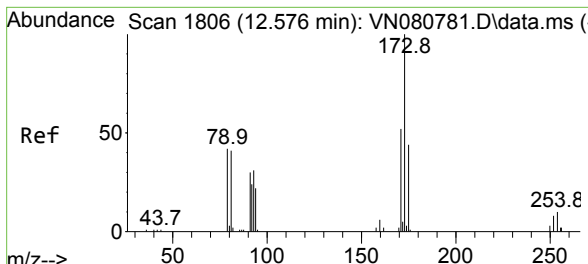
Tgt Ion:106 Resp: 54933
Ion Ratio Lower Upper
106 100
91 227.6 112.1 336.3



#70
Styrene
Concen: 20.355 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:104 Resp: 92151
Ion Ratio Lower Upper
104 100
78 55.5 43.8 65.8
103 53.8 44.2 66.2

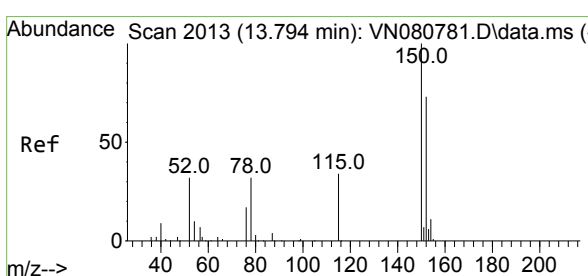
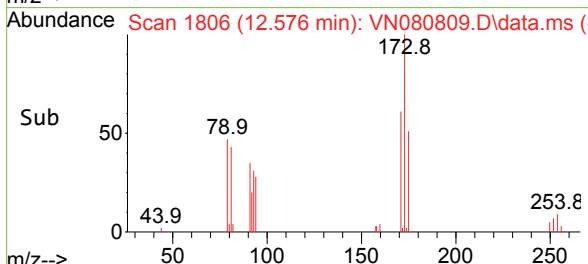
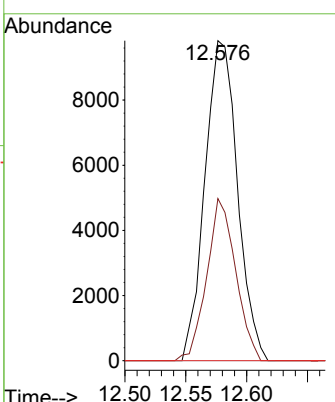
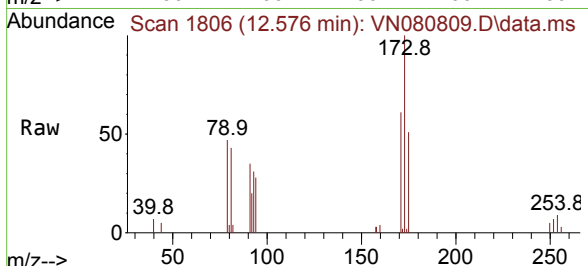




#71
 Bromoform
 Concen: 19.380 ug/l
 RT: 12.576 min Scan# 1806
 Delta R.T. 0.000 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

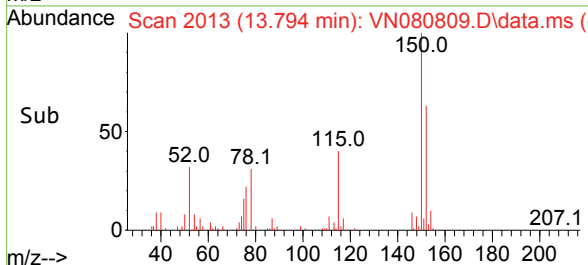
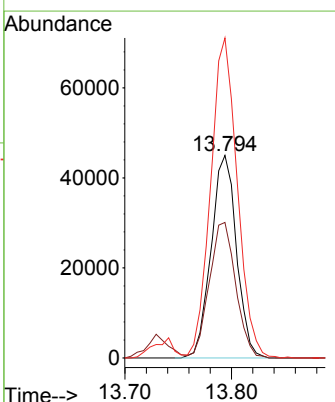
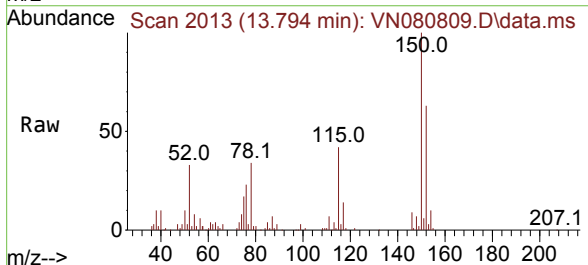
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

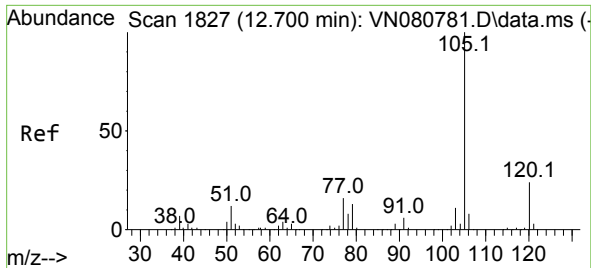
Tgt Ion:	173	Resp:	18314
Ion Ratio	Lower	Upper	
173	100		
175	44.9	23.1	69.2
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

Tgt Ion:	152	Resp:	74333
Ion Ratio	Lower	Upper	
152	100		
115	69.7	32.3	96.8
150	166.2	0.0	339.8

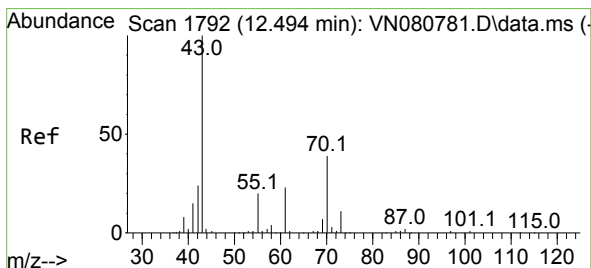
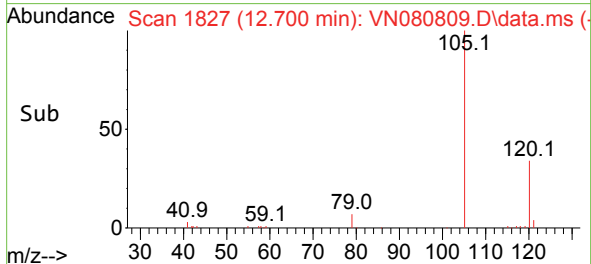
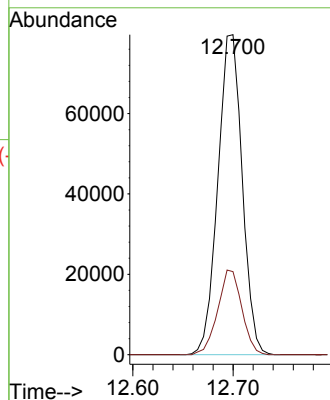
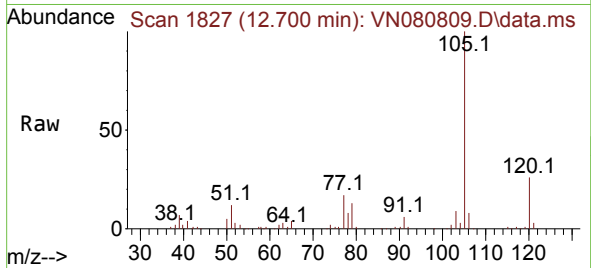




#73
Isopropylbenzene
Concen: 19.727 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

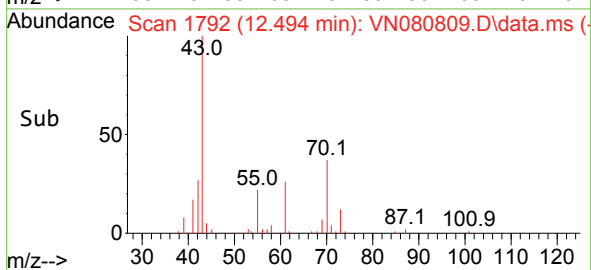
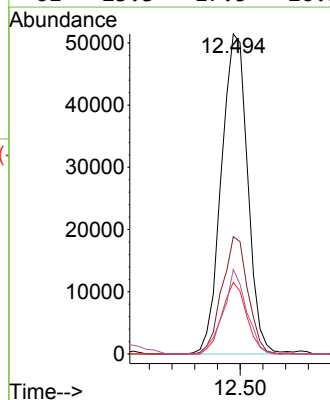
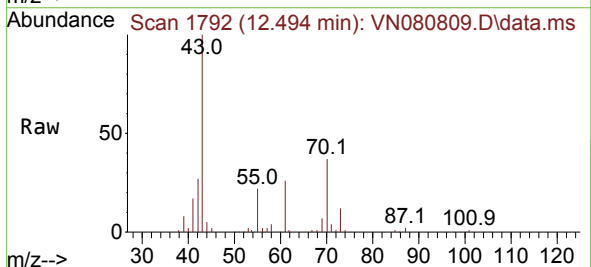
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

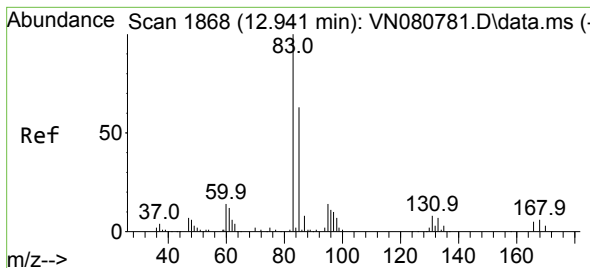
Tgt Ion:105 Resp: 134286
Ion Ratio Lower Upper
105 100
120 26.1 12.6 37.6



#74
N-ethyl acetate
Concen: 19.535 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 43 Resp: 82561
Ion Ratio Lower Upper
43 100
70 36.2 30.1 45.1
55 21.2 17.0 25.4
61 23.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.977 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

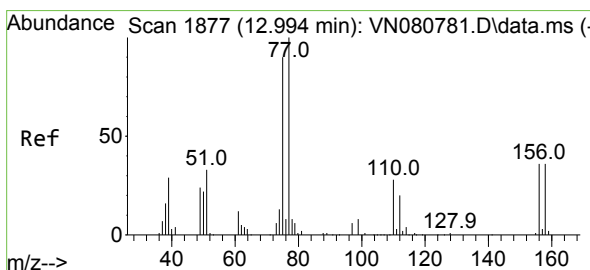
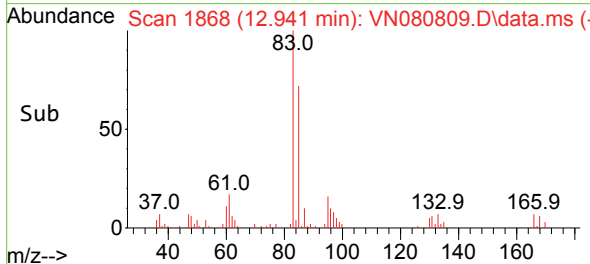
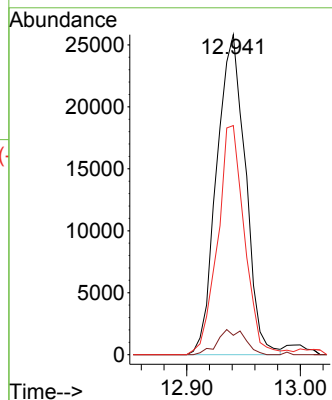
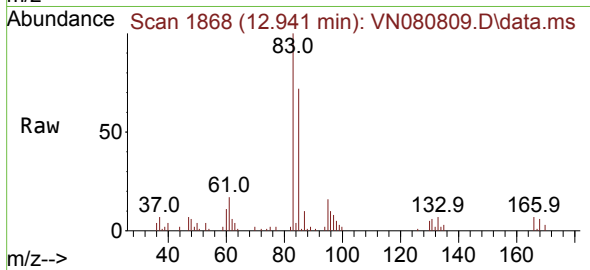
Tgt Ion: 83 Resp: 45439

Ion Ratio Lower Upper

83 100

131 7.5 4.1 12.3

85 67.1 32.1 96.3



#76

1,2,3-Trichloropropane

Concen: 28.058 ug/l

RT: 13.000 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VN080809.D

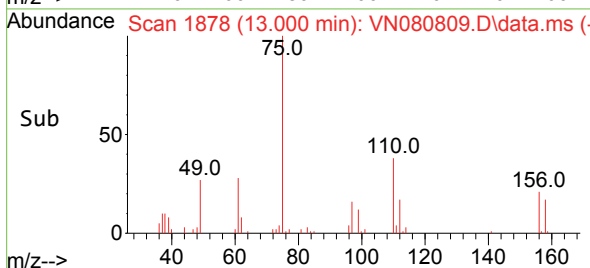
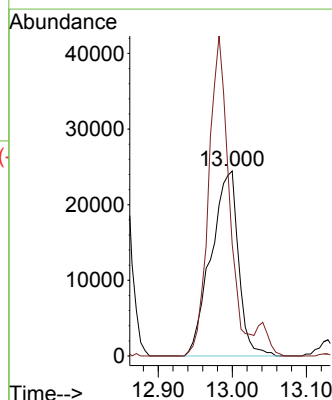
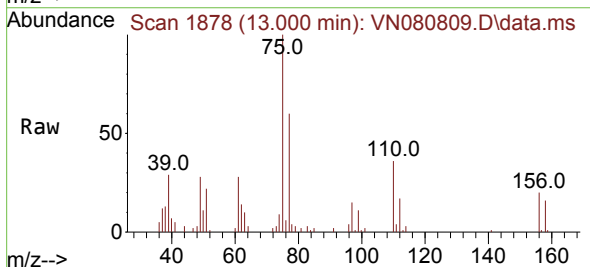
Acq: 30 Jan 2024 12:50

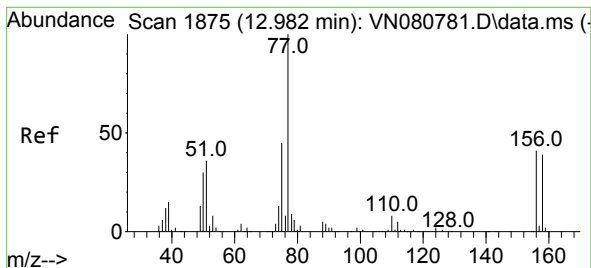
Tgt Ion: 75 Resp: 62902

Ion Ratio Lower Upper

75 100

77 129.9 91.0 272.8





#77

Bromobenzene

Concen: 19.998 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

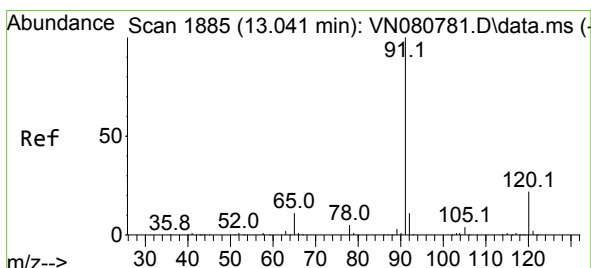
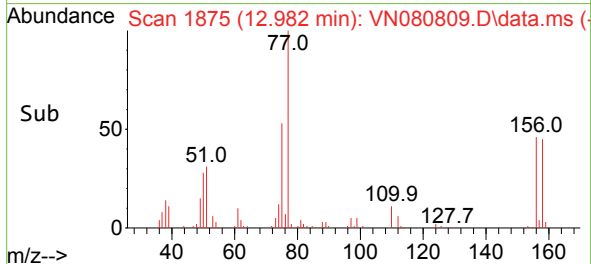
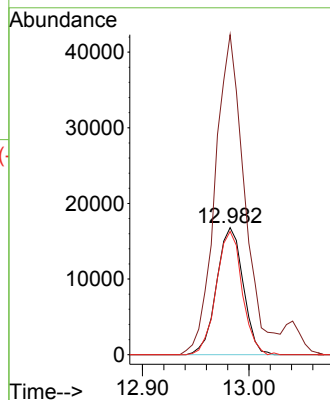
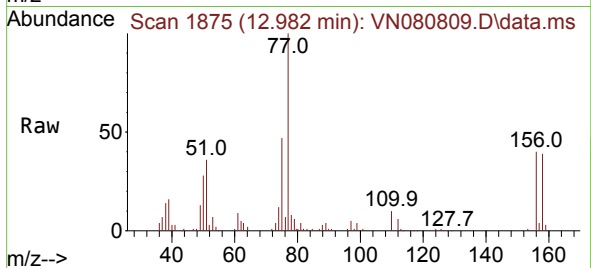
Tgt Ion:156 Resp: 29100

Ion Ratio Lower Upper

156 100

77 280.8 138.1 414.3

158 94.4 46.5 139.5



#78

n-propylbenzene

Concen: 20.532 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VN080809.D

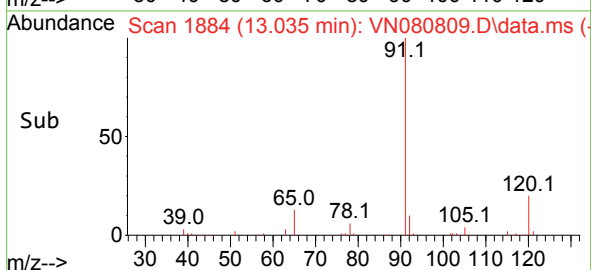
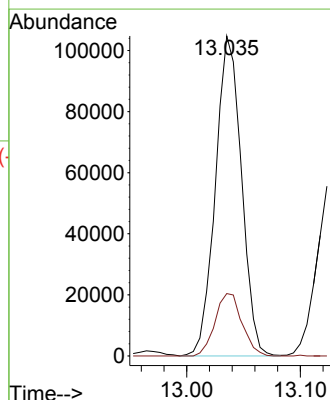
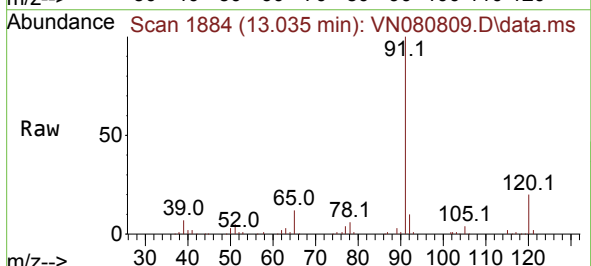
Acq: 30 Jan 2024 12:50

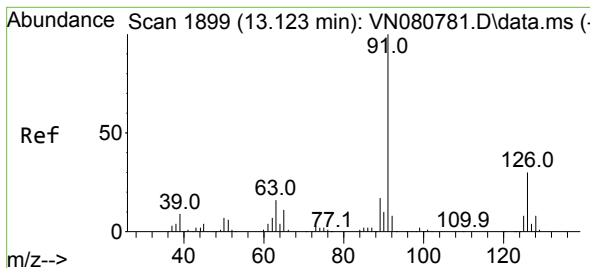
Tgt Ion: 91 Resp: 166970

Ion Ratio Lower Upper

91 100

120 20.1 10.3 30.9





#79

2-Chlorotoluene

Concen: 18.874 ug/l

RT: 13.129 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

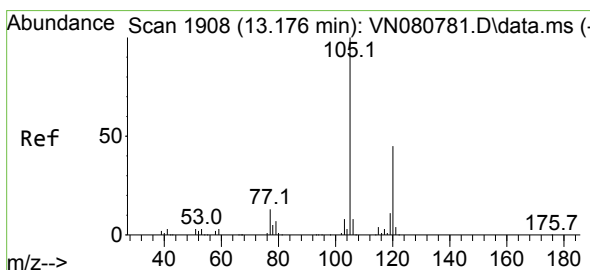
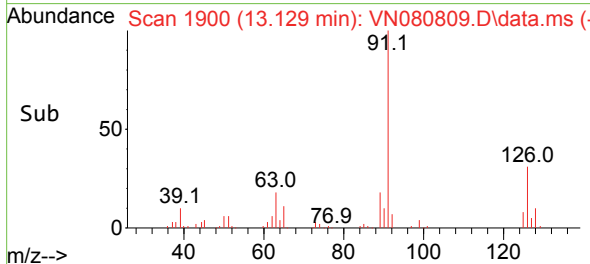
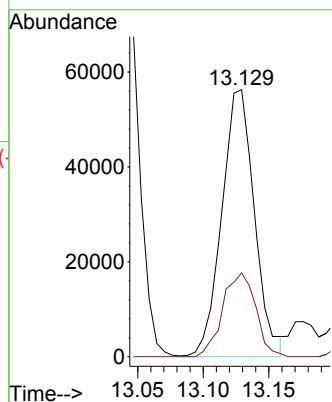
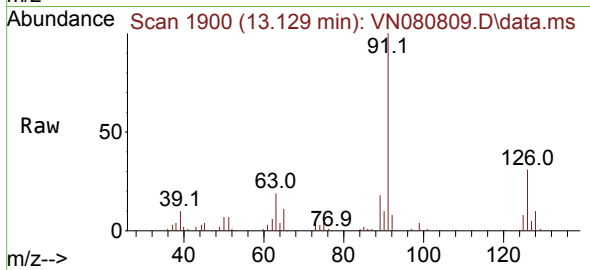
VN0130WBSD01

Tgt Ion: 91 Resp: 97553

Ion Ratio Lower Upper

91 100

126 31.6 14.8 44.4



#80

1,3,5-Trimethylbenzene

Concen: 20.158 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080809.D

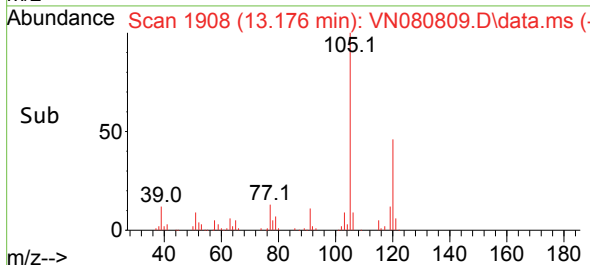
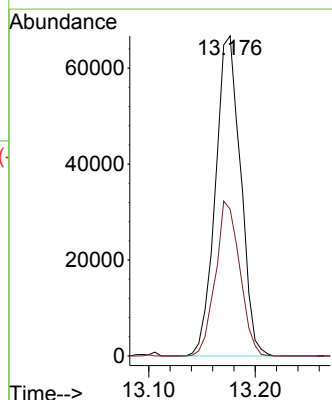
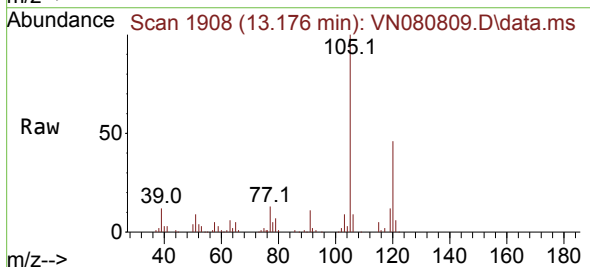
Acq: 30 Jan 2024 12:50

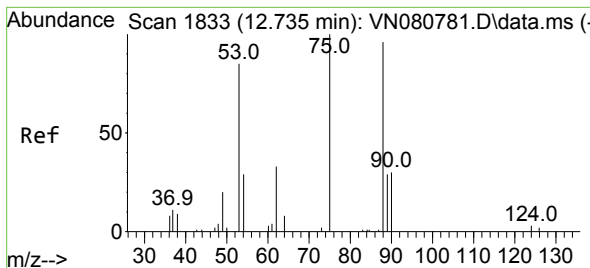
Tgt Ion:105 Resp: 109280

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0

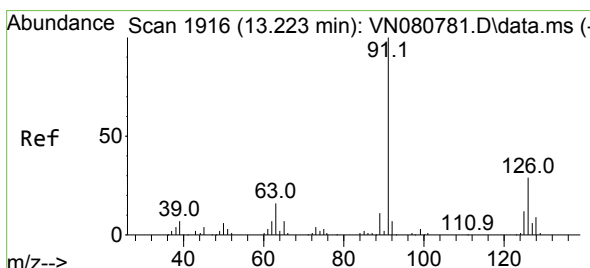
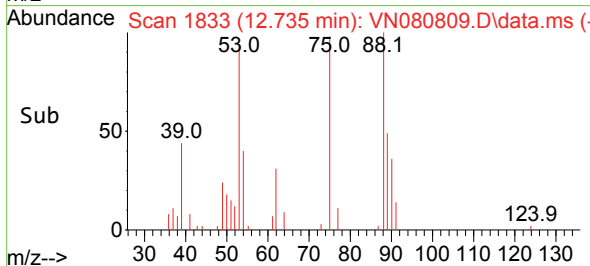
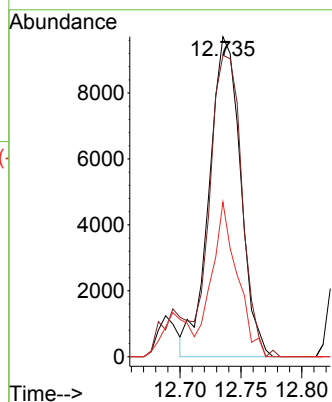
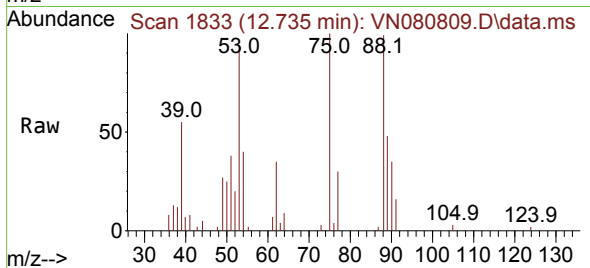




#81
trans-1,4-Dichloro-2-butene
Concen: 19.970 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

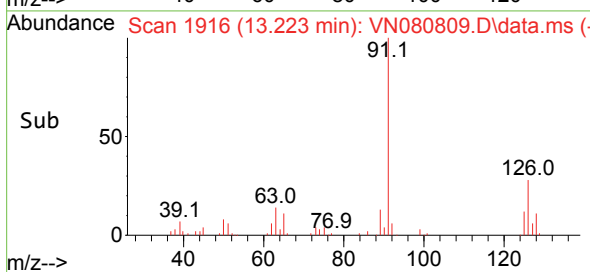
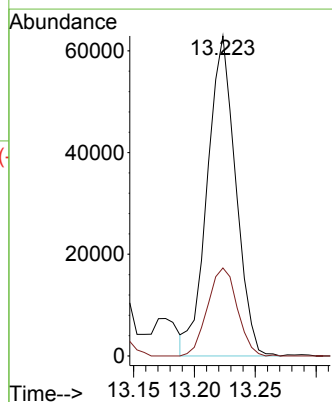
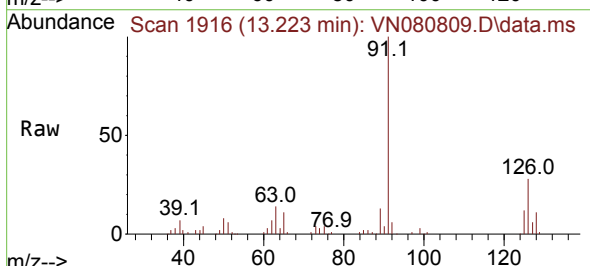
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

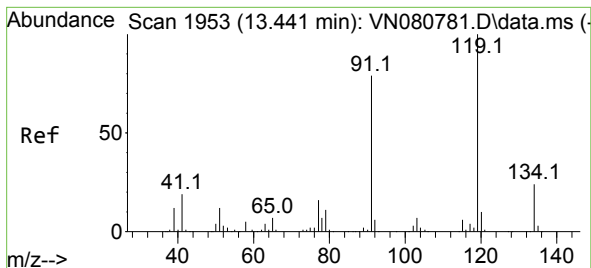
Tgt Ion: 75 Resp: 17379
Ion Ratio Lower Upper
75 100
53 94.1 71.4 107.2
89 39.4 33.4 50.0



#82
4-Chlorotoluene
Concen: 19.930 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 91 Resp: 101999
Ion Ratio Lower Upper
91 100
126 28.7 15.3 45.9

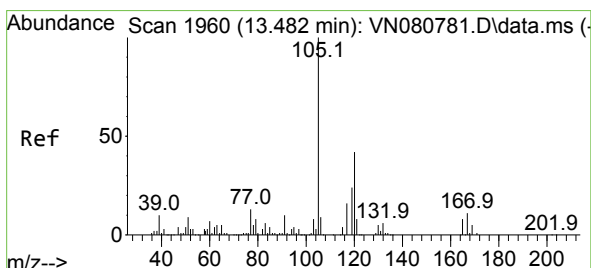
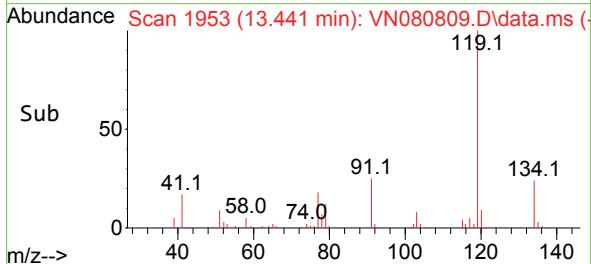
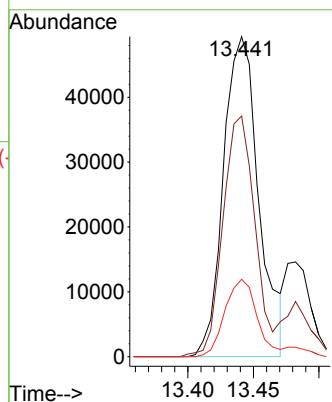
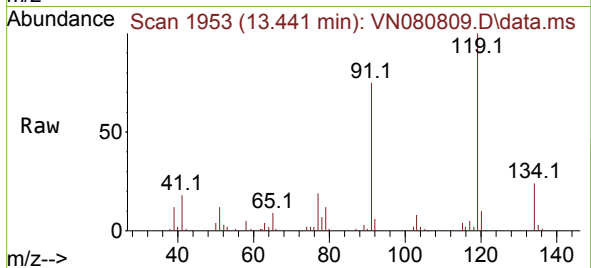




#83
tert-Butylbenzene
Concen: 21.351 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

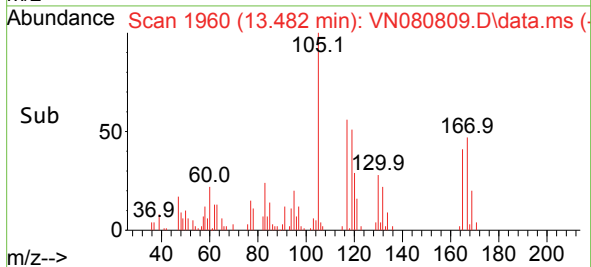
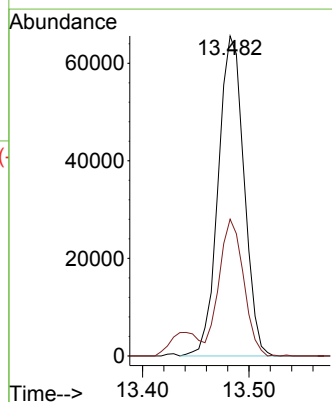
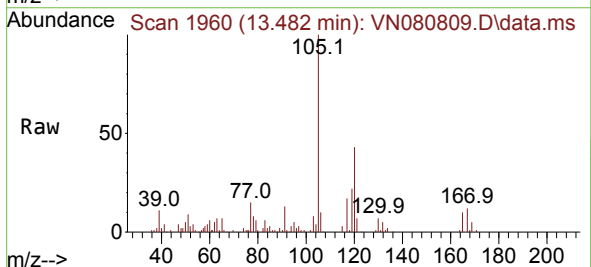
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

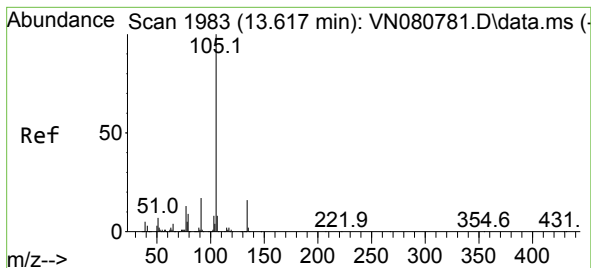
Tgt Ion:119 Resp: 92432
Ion Ratio Lower Upper
119 100
91 67.7 36.8 110.4
134 21.9 12.4 37.4



#84
1,2,4-Trimethylbenzene
Concen: 20.036 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:105 Resp: 110049
Ion Ratio Lower Upper
105 100
120 40.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 20.078 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

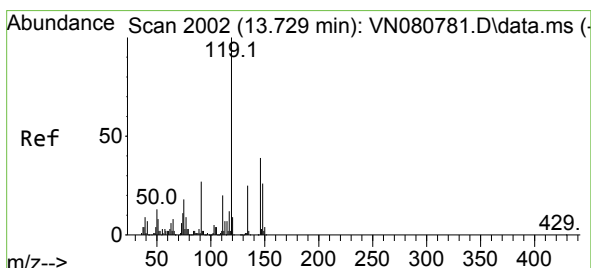
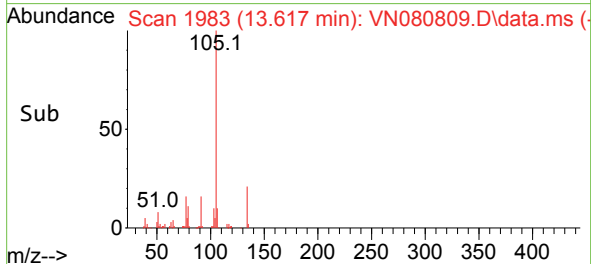
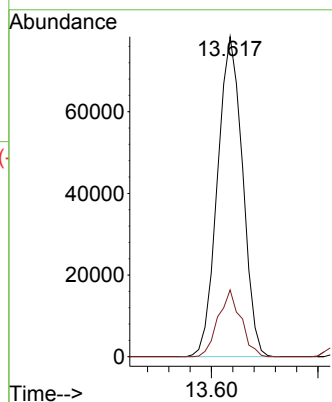
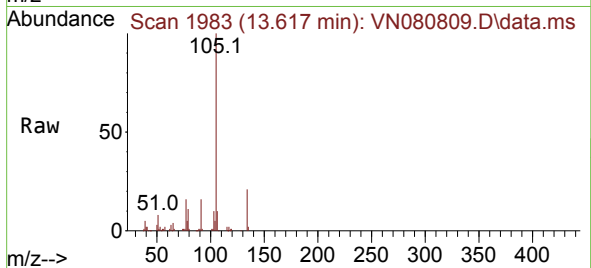
VN0130WBSD01

Tgt Ion:105 Resp: 128150

Ion Ratio Lower Upper

105 100

134 18.9 8.6 25.8



#86

p-Isopropyltoluene

Concen: 19.876 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

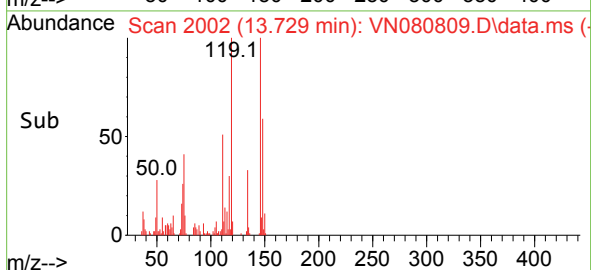
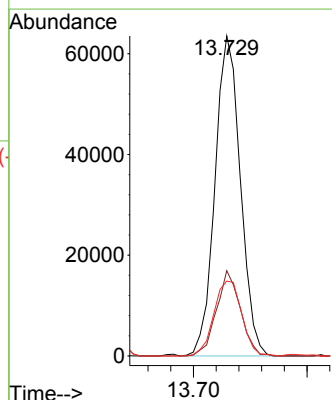
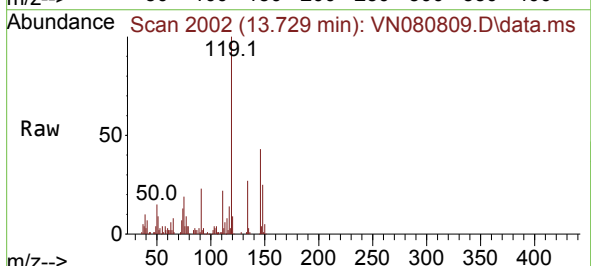
Tgt Ion:119 Resp: 98582

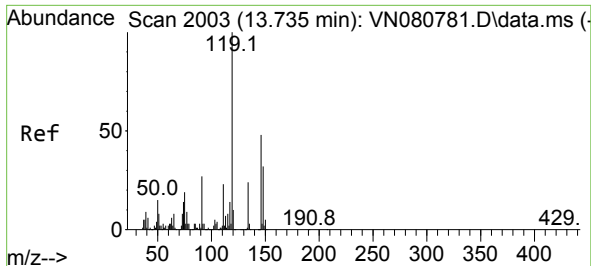
Ion Ratio Lower Upper

119 100

134 25.1 12.4 37.2

91 25.7 13.5 40.4





#87

1,3-Dichlorobenzene

Concen: 19.215 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

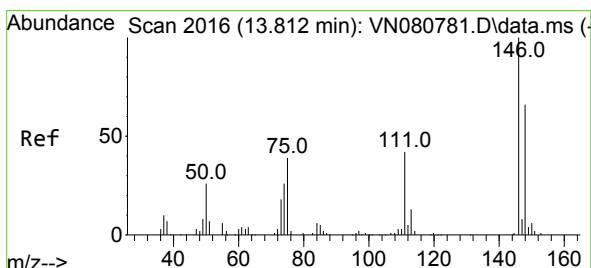
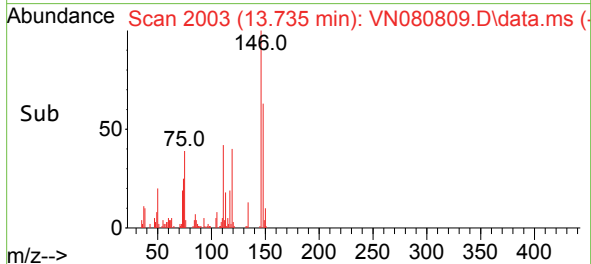
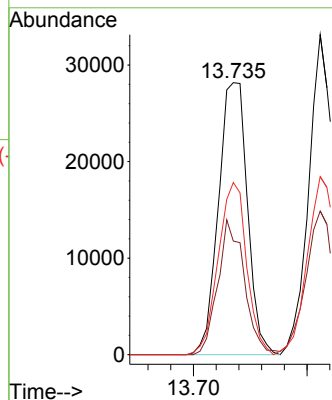
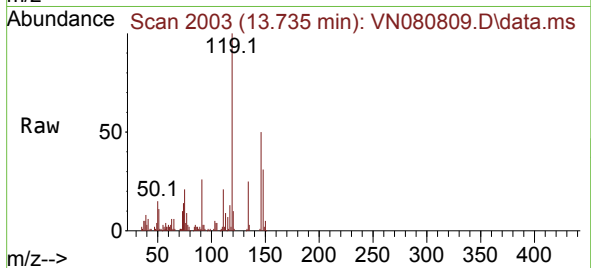
Tgt Ion:146 Resp: 50012

Ion Ratio Lower Upper

146 100

111 45.4 23.9 71.7

148 62.0 32.6 97.7



#88

1,4-Dichlorobenzene

Concen: 20.155 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

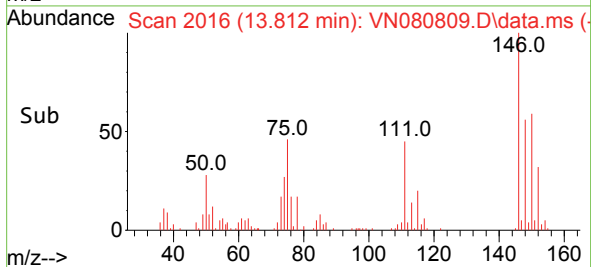
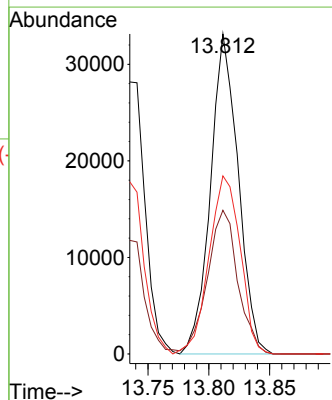
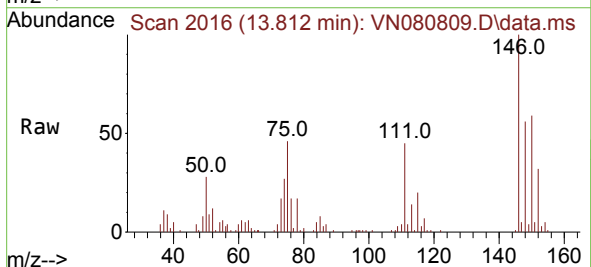
Tgt Ion:146 Resp: 52593

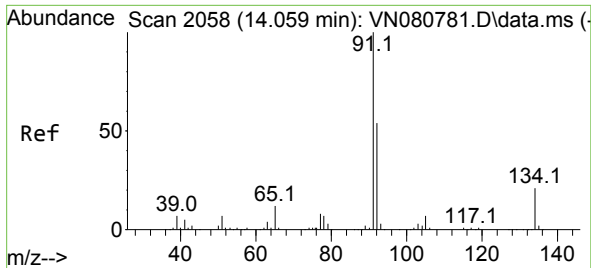
Ion Ratio Lower Upper

146 100

111 49.2 22.6 67.7

148 62.5 31.9 95.5

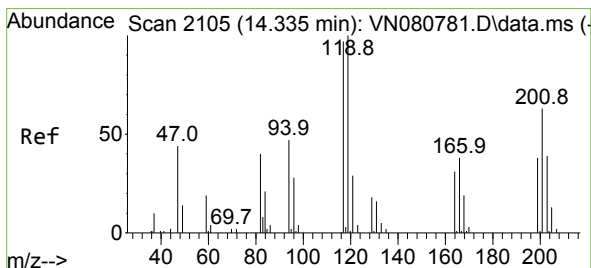
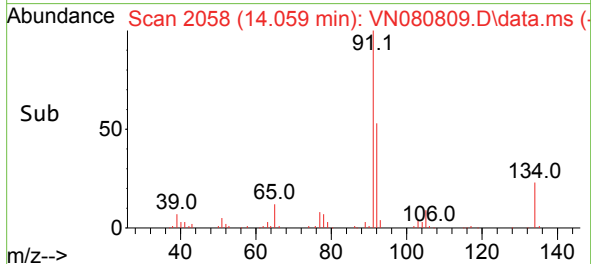
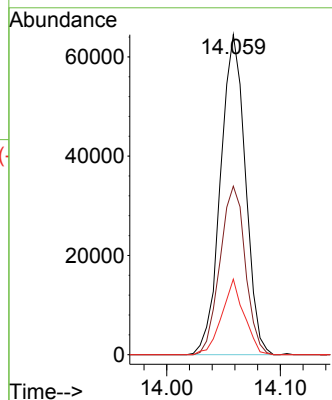
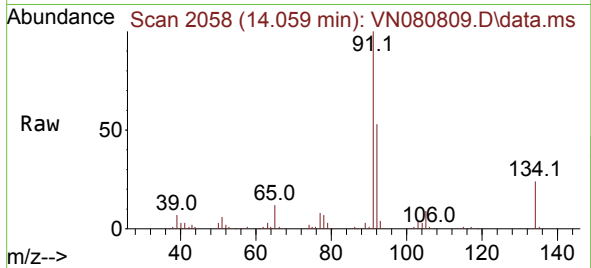




#89
n-Butylbenzene
Concen: 20.199 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

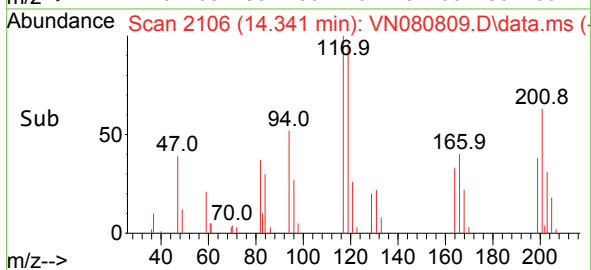
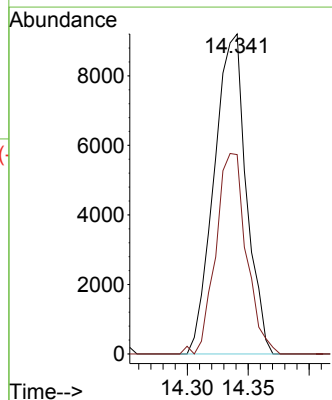
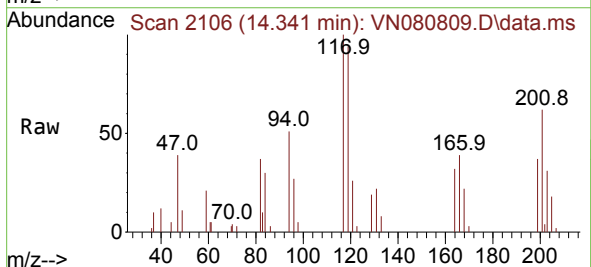
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

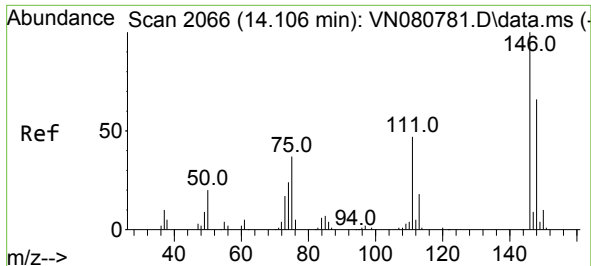
Tgt Ion:	91	Resp:	98041
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.7	80.1
134	21.3	10.8	32.4



#90
Hexachloroethane
Concen: 19.548 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion:	117	Resp:	16965
Ion	Ratio	Lower	Upper
117	100		
201	59.4	30.0	90.0

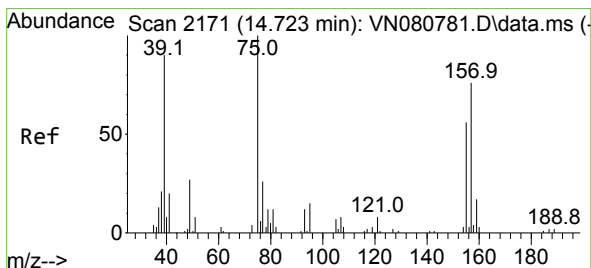
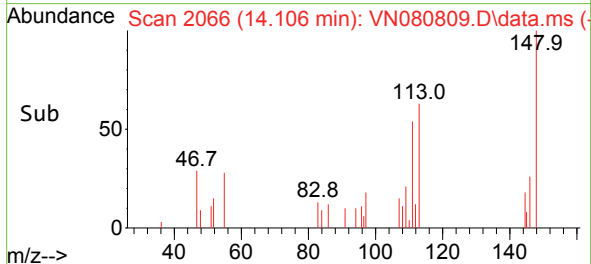
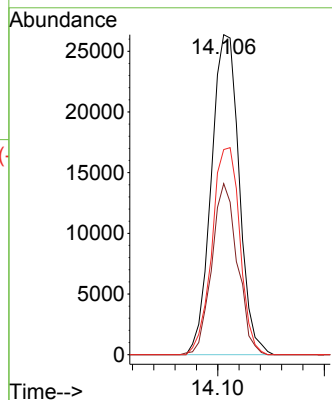
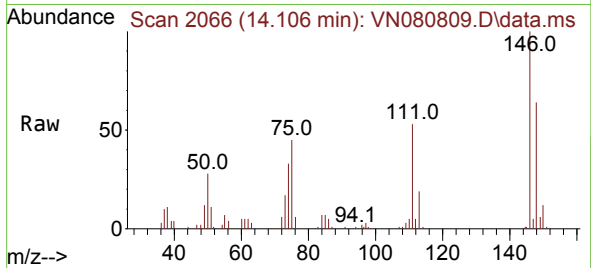




#91
1,2-Dichlorobenzene
Concen: 20.017 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

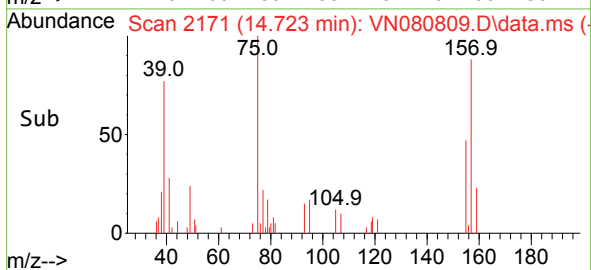
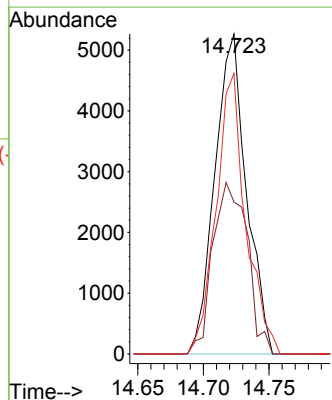
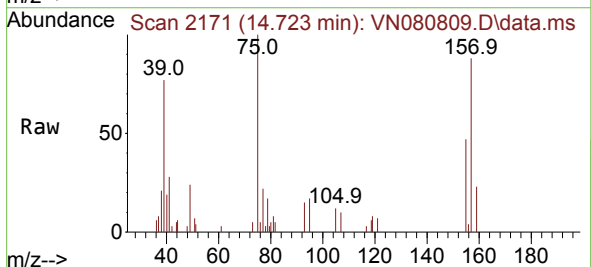
Instrument :
MSVOA_N
ClientSampleId :
VN0130WBSD01

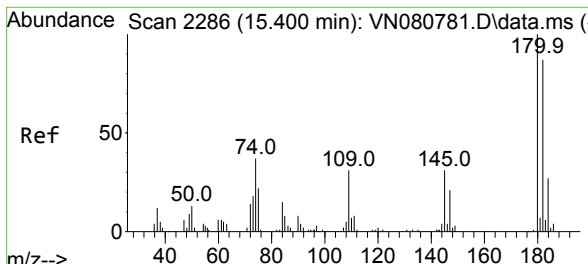
Tgt Ion:146 Resp: 47684
Ion Ratio Lower Upper
146 100
111 49.4 23.9 71.8
148 64.6 31.4 94.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.700 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080809.D
Acq: 30 Jan 2024 12:50

Tgt Ion: 75 Resp: 8817
Ion Ratio Lower Upper
75 100
155 58.7 31.8 95.4
157 82.3 41.1 123.4

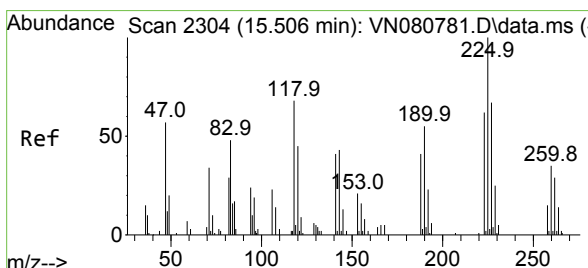
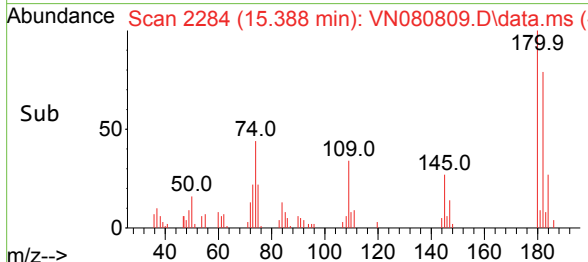
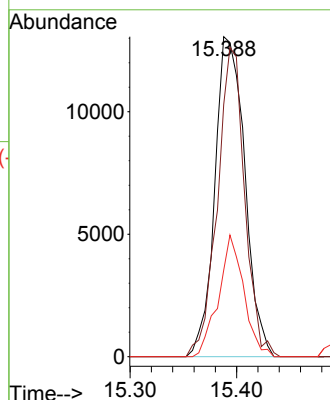
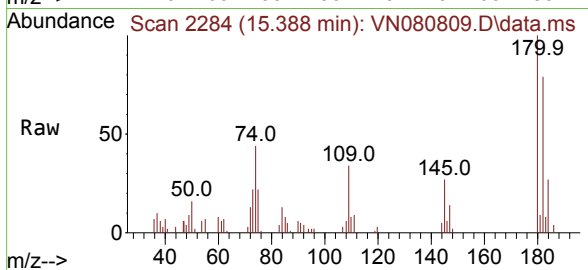




#93
 1,2,4-Trichlorobenzene
 Concen: 20.800 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

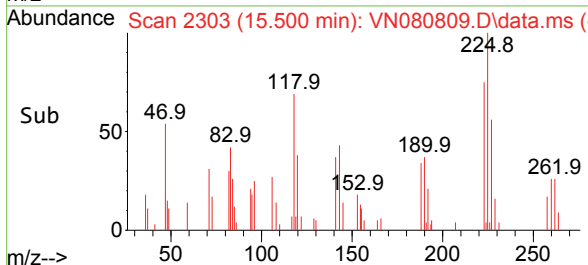
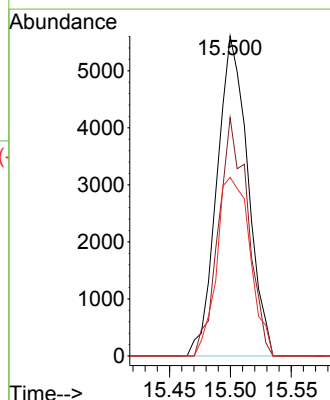
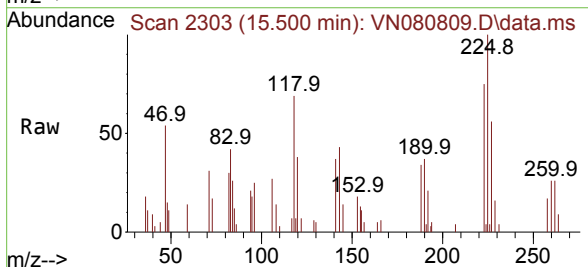
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0130WBSD01

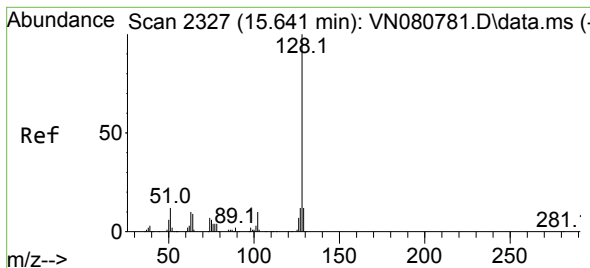
Tgt Ion:	180	Resp:	25502
Ion Ratio	Lower	Upper	
180	100		
182	87.8	46.6	139.7
145	32.1	16.8	50.3



#94
 Hexachlorobutadiene
 Concen: 18.464 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.006 min
 Lab File: VN080809.D
 Acq: 30 Jan 2024 12:50

Tgt Ion:	225	Resp:	9890
Ion Ratio	Lower	Upper	
225	100		
223	70.4	33.3	99.8
227	60.4	33.1	99.2





#95

Naphthalene

Concen: 19.332 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0130WBSD01

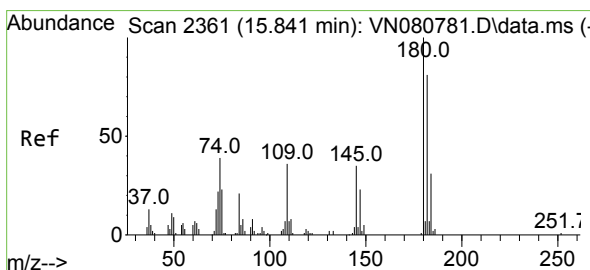
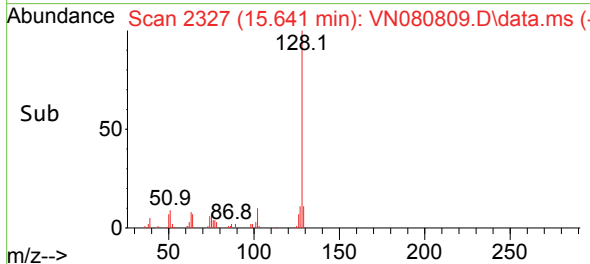
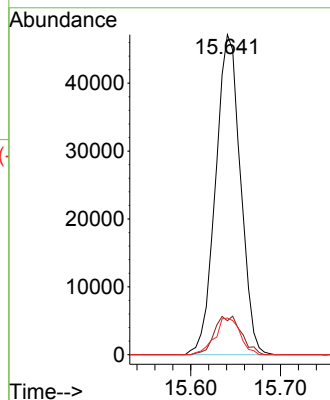
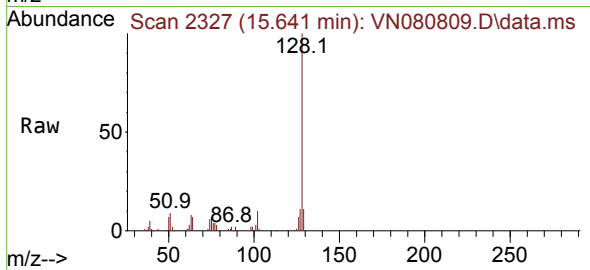
Tgt Ion:128 Resp: 90697

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.141 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080809.D

Acq: 30 Jan 2024 12:50

Tgt Ion:180 Resp: 23068

Ion Ratio Lower Upper

180 100

182 89.3 46.5 139.3

145 35.8 17.8 53.4

