

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080560.D
 Acq On : 20 Dec 2023 20:28
 Operator : JC\MD
 Sample : VN1220WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 21 02:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	304005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	501675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177492	45.712	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.420%
35) Dibromofluoromethane	8.165	113	139961	44.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.000%
50) Toluene-d8	10.565	98	529771	44.658	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.847	95	187386	41.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	83.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66627	17.150	ug/l	95
3) Chloromethane	2.359	50	62605	15.118	ug/l	96
4) Vinyl Chloride	2.512	62	52790	15.911	ug/l	97
5) Bromomethane	2.959	94	27502	18.386	ug/l	96
6) Chloroethane	3.124	64	35886	16.833	ug/l	96
7) Trichlorofluoromethane	3.495	101	116654	17.335	ug/l	97
8) Diethyl Ether	3.953	74	38164	18.005	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	58436	18.321	ug/l	97
10) Methyl Iodide	4.583	142	40766	14.531	ug/l	99
11) Tert butyl alcohol	5.518	59	42558	93.065	ug/l	99
12) 1,1-Dichloroethene	4.342	96	57163	17.491	ug/l	93
13) Acrolein	4.177	56	53561	106.951	ug/l	98
14) Allyl chloride	5.024	41	79317	19.616	ug/l	92
15) Acrylonitrile	5.718	53	131499	101.771	ug/l	99
16) Acetone	4.418	43	88702	128.839	ug/l	99
17) Carbon Disulfide	4.712	76	144501	15.602	ug/l	100
18) Methyl Acetate	5.018	43	99660	22.497	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	208628	19.134	ug/l	99
20) Methylene Chloride	5.271	84	67605	18.349	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	64041	18.072	ug/l	86
22) Diisopropyl ether	6.671	45	184314	21.120	ug/l	92
23) Vinyl Acetate	6.600	43	485762	96.915	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	120528	19.795	ug/l	97
25) 2-Butanone	7.483	43	154884	116.780	ug/l	92
26) 2,2-Dichloropropane	7.489	77	108487	17.424	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	75254	18.761	ug/l	90
28) Bromochloromethane	7.812	49	40773	17.441	ug/l	94
29) Tetrahydrofuran	7.841	42	96611	101.725	ug/l	91
30) Chloroform	7.971	83	128498	19.012	ug/l	90
31) Cyclohexane	8.259	56	93896	17.782	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	120677	18.236	ug/l	96
36) 1,1-Dichloropropene	8.377	75	89309	17.172	ug/l	96
37) Ethyl Acetate	7.565	43	60326	18.523	ug/l	98
38) Carbon Tetrachloride	8.359	117	104879	16.877	ug/l	96
39) Methylcyclohexane	9.600	83	91425	16.922	ug/l	90
40) Benzene	8.606	78	271994	18.111	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35598	18.960	ug/l	93
42) 1,2-Dichloroethane	8.671	62	102443	18.420	ug/l	99
43) Isopropyl Acetate	8.688	43	114463	19.547	ug/l	99
44) Trichloroethene	9.359	130	70770	17.480	ug/l	91
45) 1,2-Dichloropropane	9.618	63	68963	19.551	ug/l	92
46) Dibromomethane	9.712	93	46652	18.417	ug/l	87
47) Bromodichloromethane	9.888	83	102123	18.811	ug/l	100
48) Methyl methacrylate	9.682	41	70872	20.281	ug/l	86
49) 1,4-Dioxane	9.700	88	20194	381.258	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	339090	105.143	ug/l	100
52) Toluene	10.630	92	185105	19.510	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	105059	17.886	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	115097	18.333	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	69122	20.248	ug/l	97
56) Ethyl methacrylate	10.877	69	72325	19.136	ug/l	90
57) 1,3-Dichloropropane	11.165	76	116128	19.405	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	207812	87.095	ug/l	96
59) 2-Hexanone	11.194	43	248219	104.256	ug/l	98
60) Dibromochloromethane	11.359	129	77998	19.281	ug/l	100
61) 1,2-Dibromoethane	11.471	107	67342	19.060	ug/l	96
64) Tetrachloroethene	11.106	164	59380	17.628	ug/l	95
65) Chlorobenzene	11.894	112	178736	18.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	69129	18.152	ug/l	95
67) Ethyl Benzene	11.965	91	320666	17.969	ug/l	99
68) m/p-Xylenes	12.071	106	234816	35.608	ug/l	89
69) o-Xylene	12.400	106	116276	18.027	ug/l	91
70) Styrene	12.412	104	174224	18.752	ug/l	94
71) Bromoform	12.576	173	47975	17.275	ug/l #	96
73) Isopropylbenzene	12.694	105	310526	18.670	ug/l	99
74) N-amyl acetate	12.494	43	91986	18.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	83903	18.826	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	111213	26.926	ug/l	80
77) Bromobenzene	12.982	156	71587	17.497	ug/l	98
78) n-propylbenzene	13.035	91	337523	18.406	ug/l	100
79) 2-Chlorotoluene	13.123	91	218481	18.249	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	265757	18.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31459	19.998	ug/l	93
82) 4-Chlorotoluene	13.223	91	215595	17.520	ug/l	98
83) tert-Butylbenzene	13.441	119	213268	18.180	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	263482	18.490	ug/l	98
85) sec-Butylbenzene	13.618	105	279363	18.616	ug/l	99
86) p-Isopropyltoluene	13.729	119	250946	18.520	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	127520	17.690	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	126414	17.373	ug/l	97
89) n-Butylbenzene	14.059	91	208323	18.410	ug/l	98
90) Hexachloroethane	14.335	117	37495	17.424	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	123800	18.086	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18493	19.727	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	69480	18.282	ug/l	95
94) Hexachlorobutadiene	15.506	225	33183	15.336	ug/l	98
95) Naphthalene	15.641	128	234502	20.319	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	66653	18.174	ug/l	96

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QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

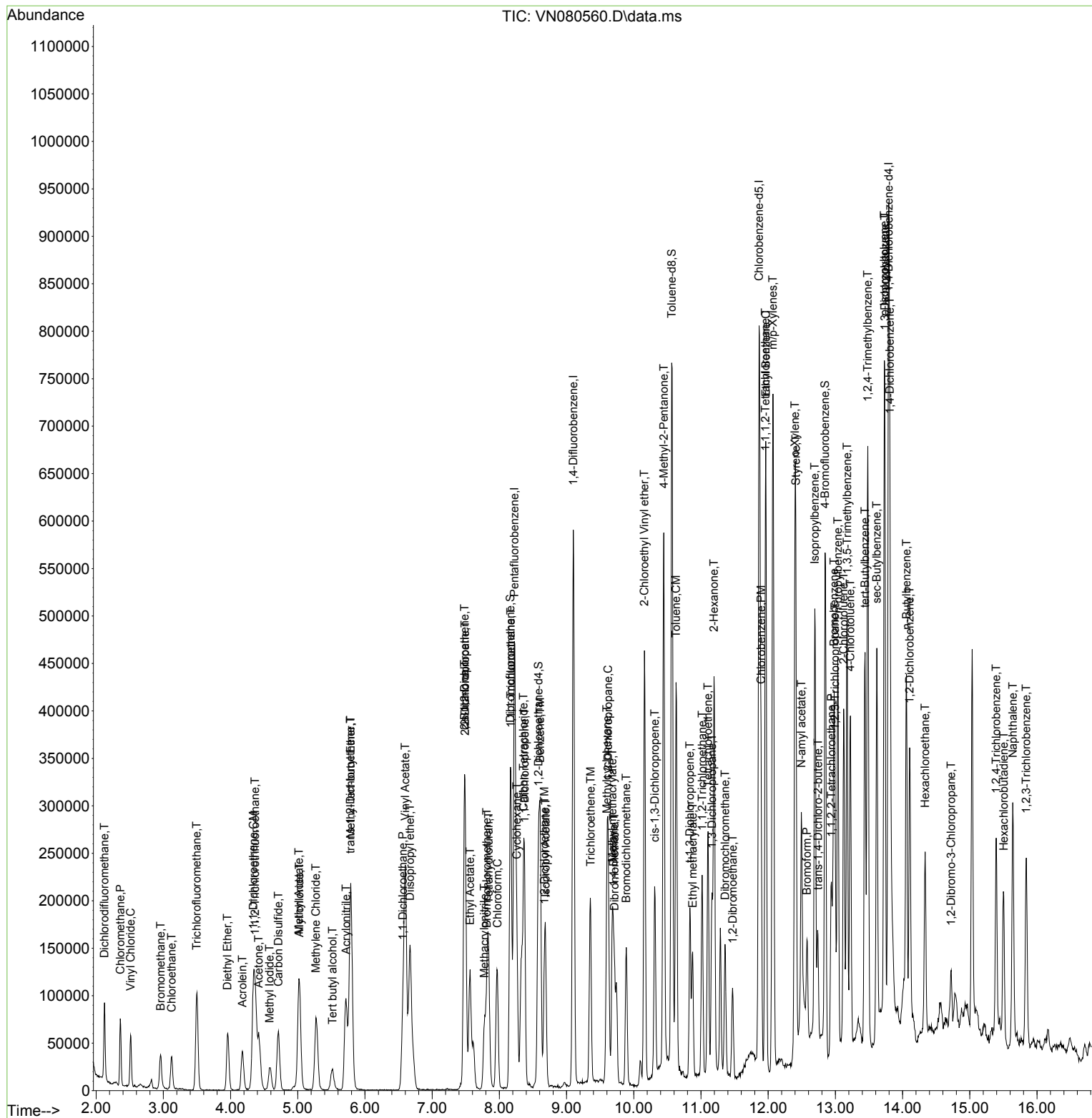
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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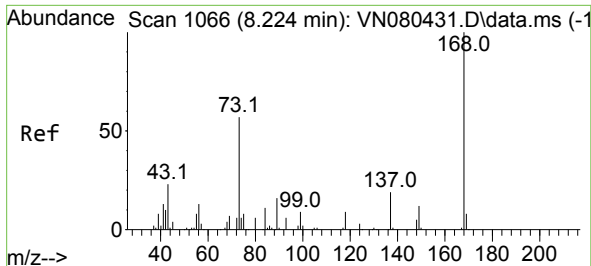
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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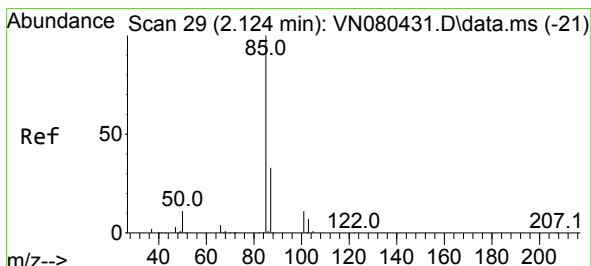
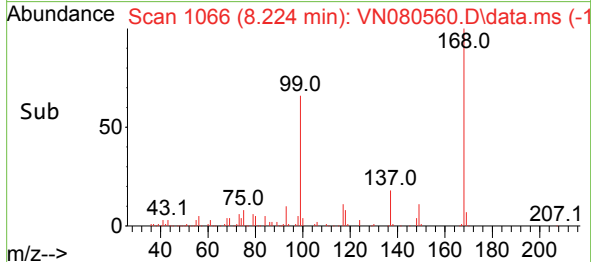
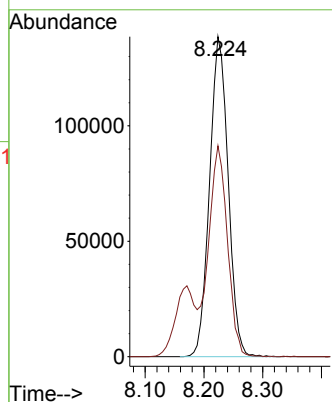
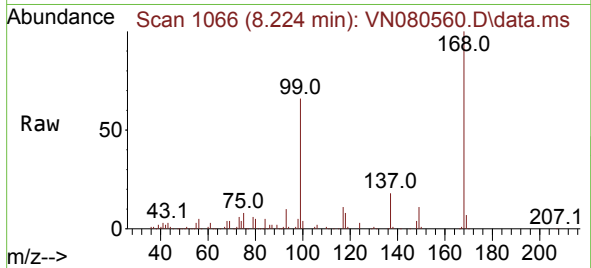




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080560.D
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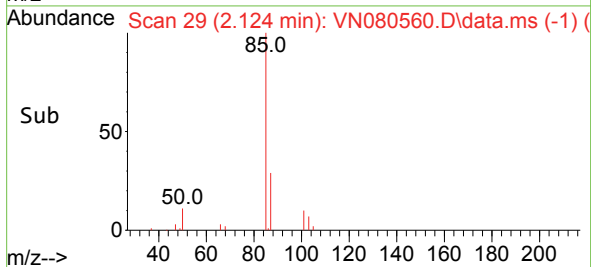
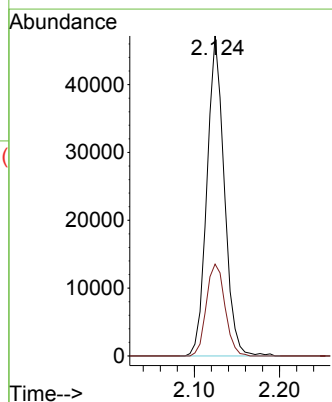
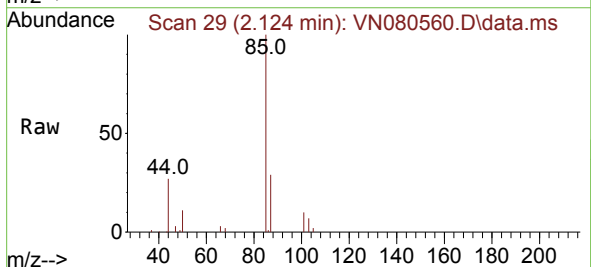
Instrument :
MSVOA_N
ClientSampleId :

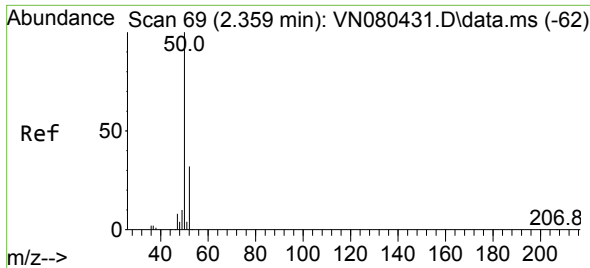
Tgt Ion:168 Resp: 304005
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 17.150 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 85 Resp: 66627
Ion Ratio Lower Upper
85 100
87 28.7 15.8 47.4

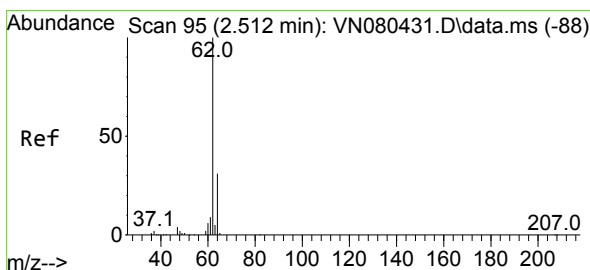
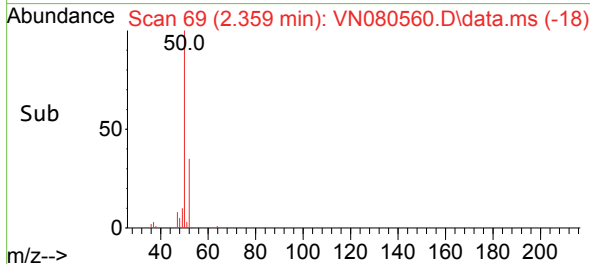
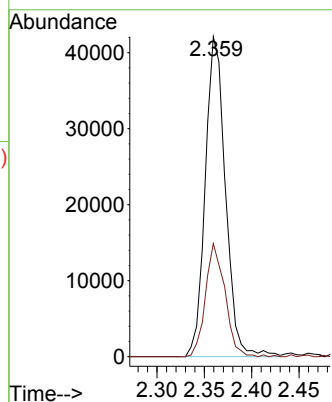
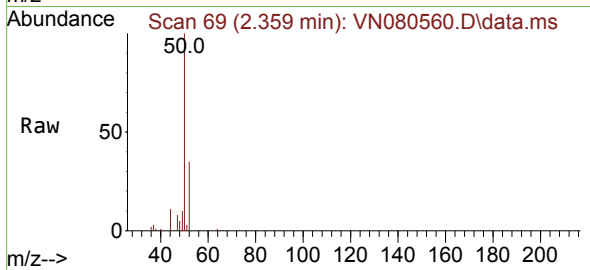




#3
Chloromethane
Concen: 15.118 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

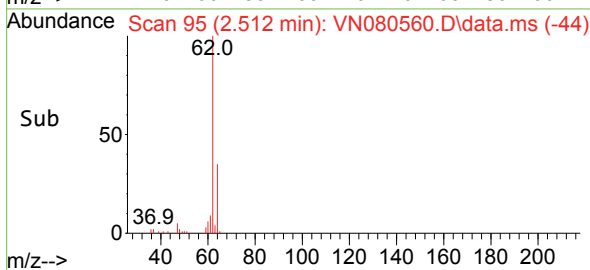
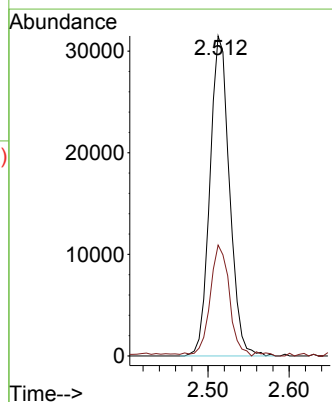
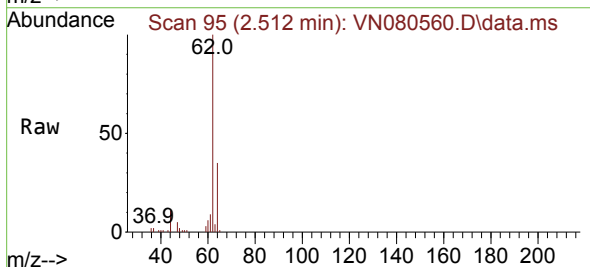
Instrument :
MSVOA_N
ClientSampleId :

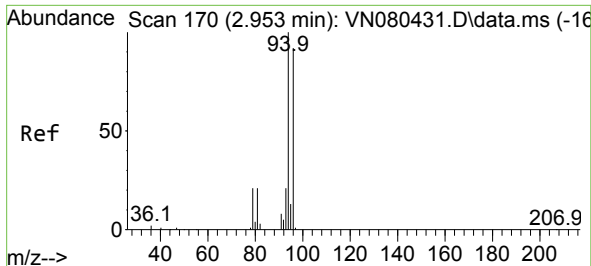
Tgt Ion: 50 Resp: 62605
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7



#4
Vinyl Chloride
Concen: 15.911 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

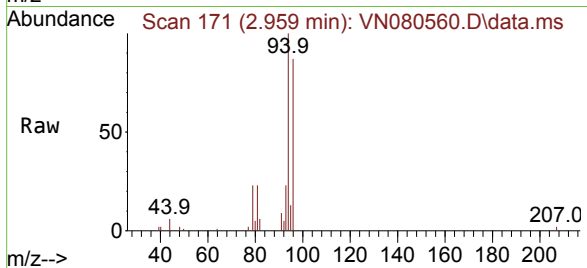
Tgt Ion: 62 Resp: 52790
Ion Ratio Lower Upper
62 100
64 34.7 26.2 39.2



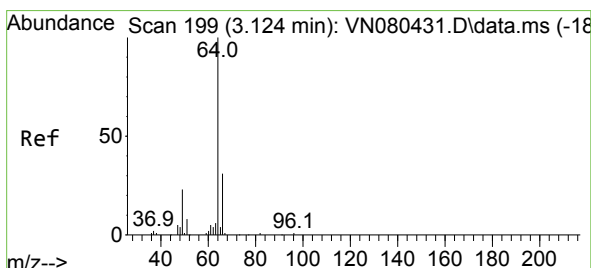
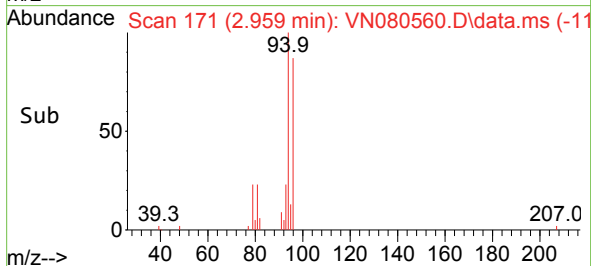
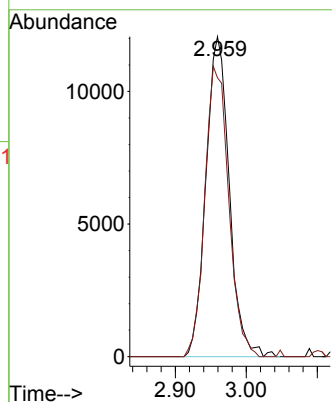


#5
Bromomethane
Concen: 18.386 ug/l
RT: 2.959 min Scan# 170
Delta R.T. 0.006 min
Lab File: VN080560.D
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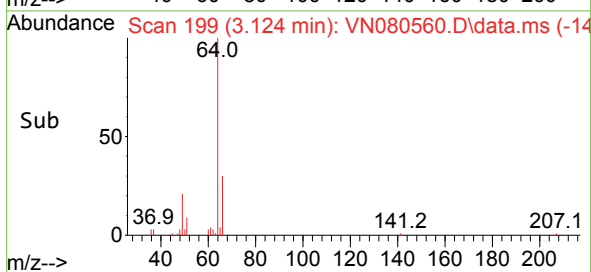
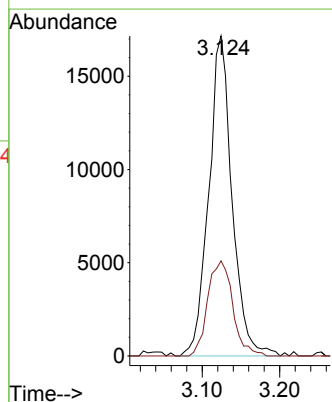
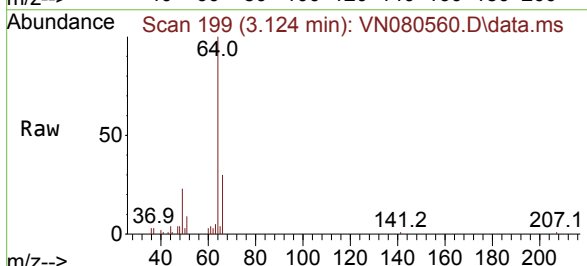


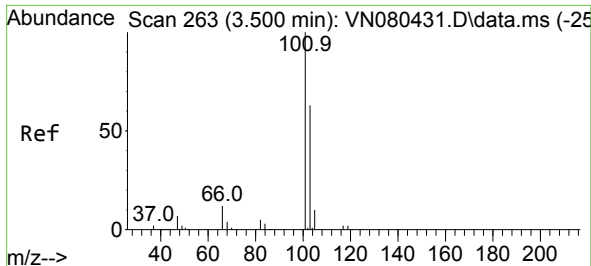
Tgt Ion: 94 Resp: 27502
Ion Ratio Lower Upper
94 100
96 87.2 73.1 109.7



#6
Chloroethane
Concen: 16.833 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 64 Resp: 35886
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.2

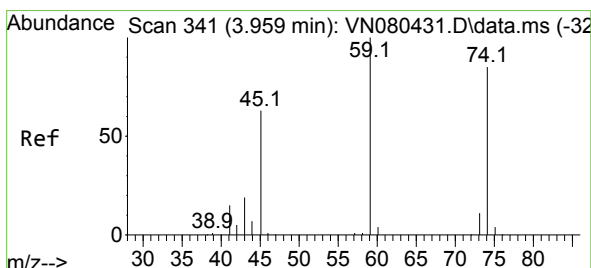
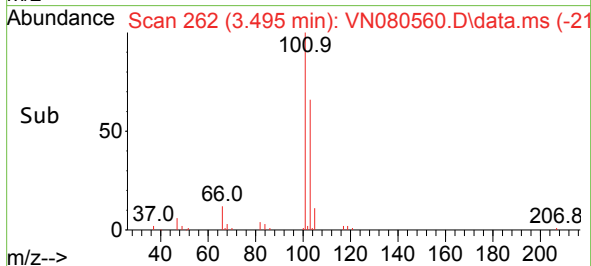
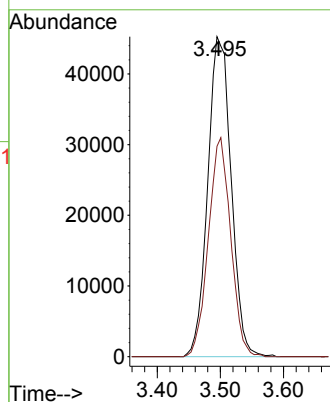
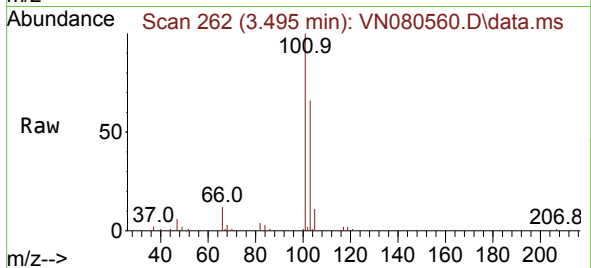




#7
Trichlorofluoromethane
Concen: 17.335 ug/l
RT: 3.495 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

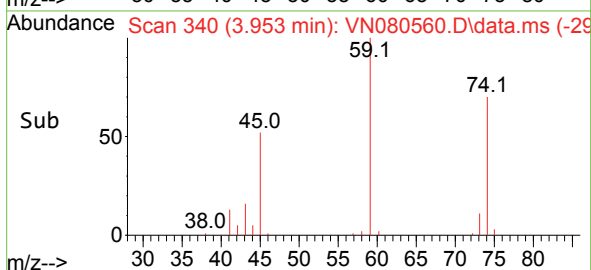
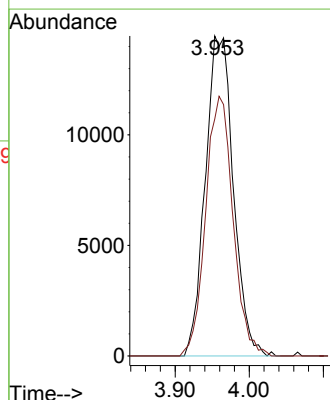
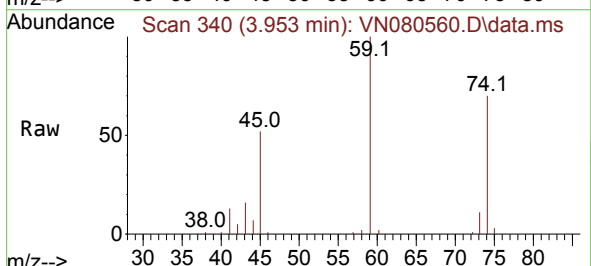
Instrument :
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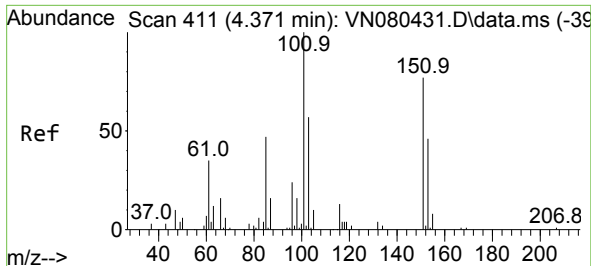
Tgt Ion:101 Resp: 116654
Ion Ratio Lower Upper
101 100
103 65.7 50.7 76.1



#8
Diethyl Ether
Concen: 18.005 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 74 Resp: 38164
Ion Ratio Lower Upper
74 100
45 79.2 34.4 103.3

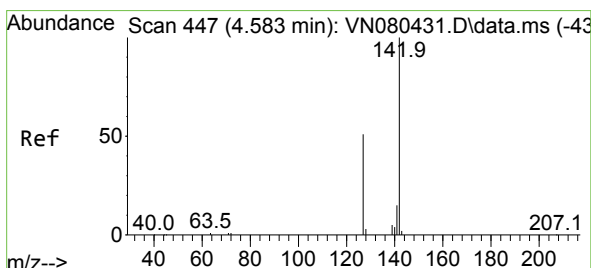
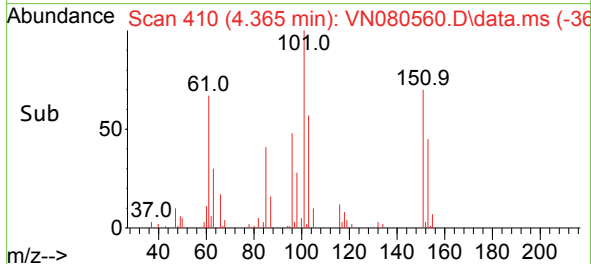
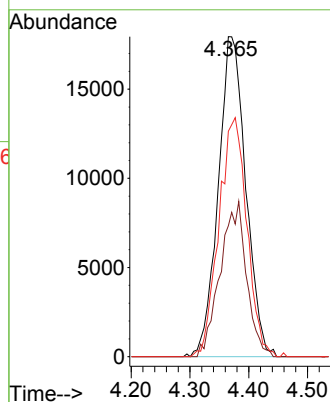
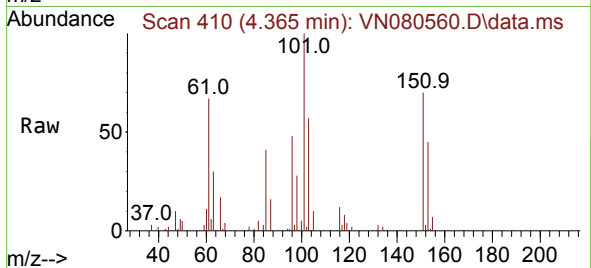




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.321 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

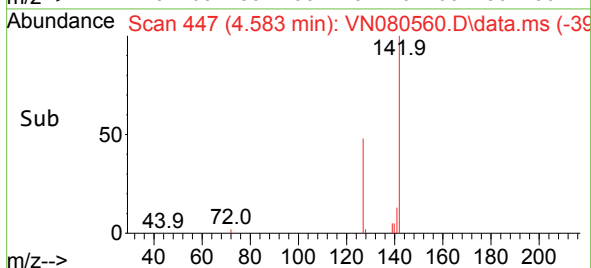
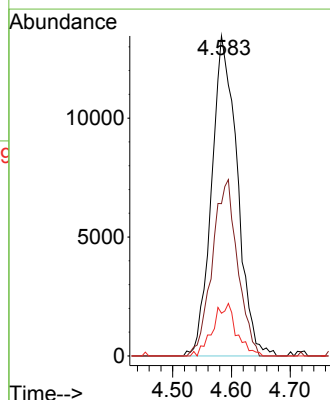
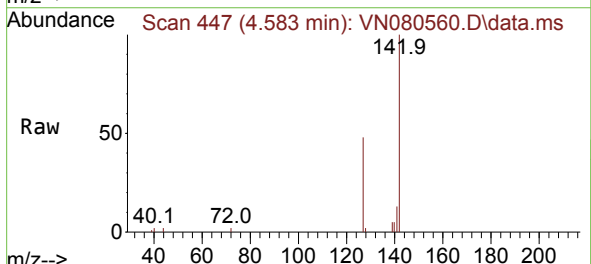
Instrument :
MSVOA_N
ClientSampleId :

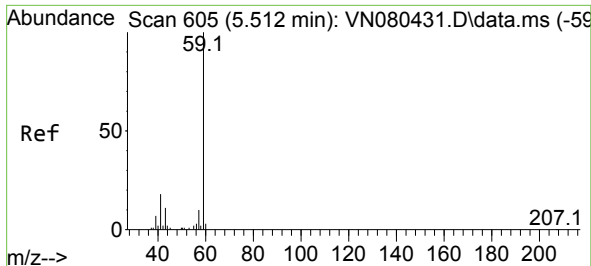
Tgt Ion:101 Resp: 58436
Ion Ratio Lower Upper
101 100
85 46.2 36.6 55.0
151 75.9 57.6 86.4



#10
Methyl Iodide
Concen: 14.531 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

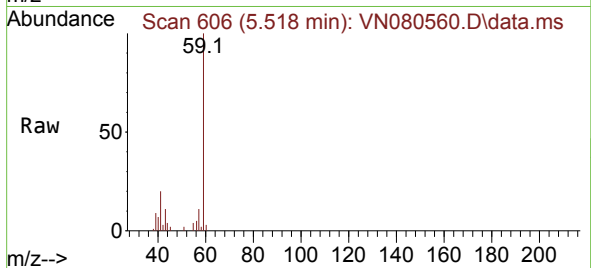
Tgt Ion:142 Resp: 40766
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 13.3 11.4 17.0



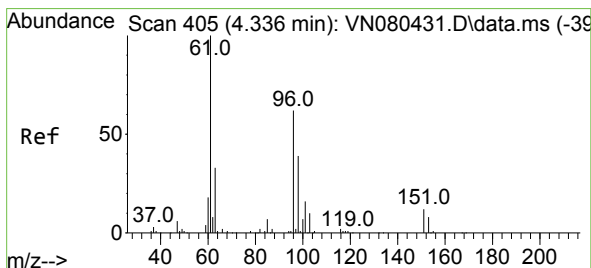
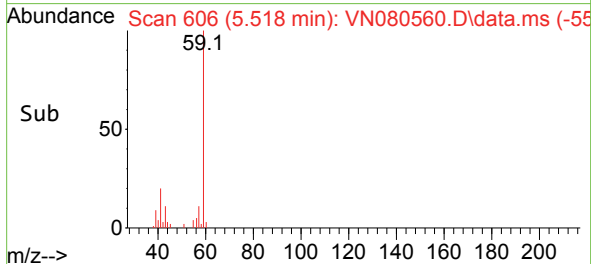
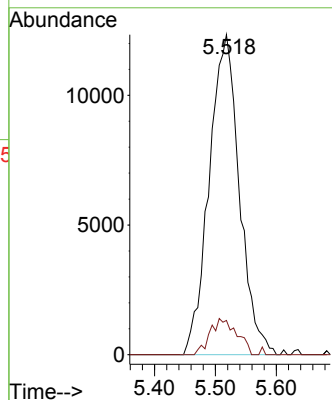


#11
Tert butyl alcohol
Concen: 93.065 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :

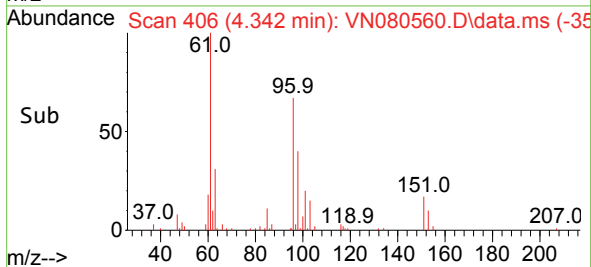
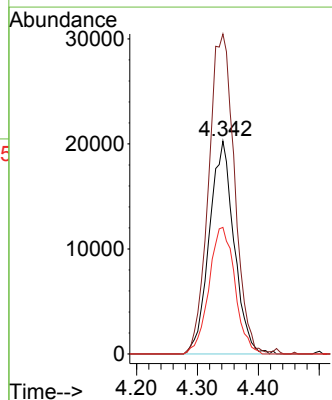
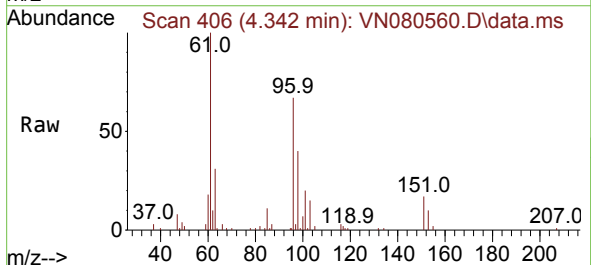


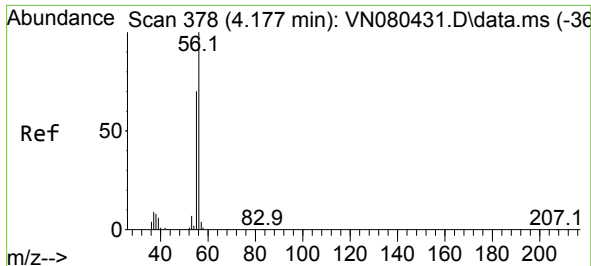
Tgt Ion: 59 Resp: 42558
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.491 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 96 Resp: 57163
Ion Ratio Lower Upper
96 100
61 150.3 112.7 169.1
98 59.4 51.2 76.8





#13

Acrolein

Concen: 106.951 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

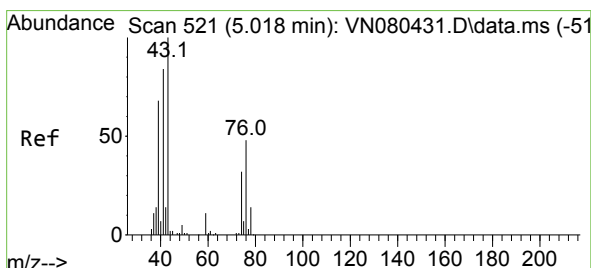
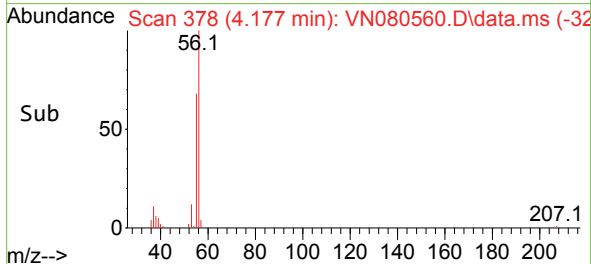
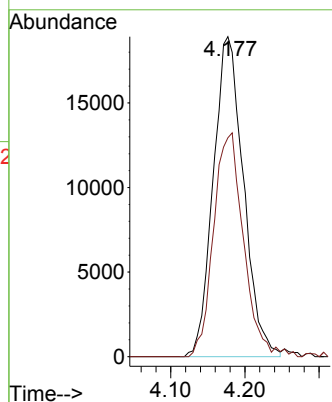
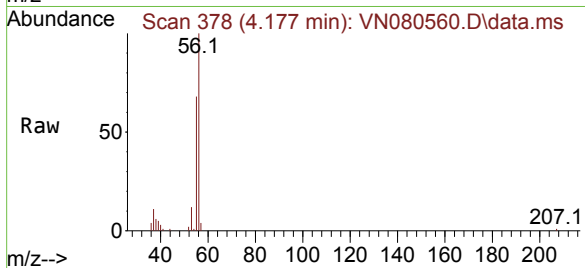
ClientSampleId :

Tgt Ion: 56 Resp: 53561

Ion Ratio Lower Upper

56 100

55 69.6 54.5 81.7



#14

Allyl chloride

Concen: 19.616 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

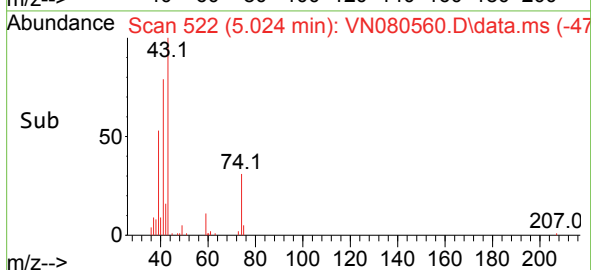
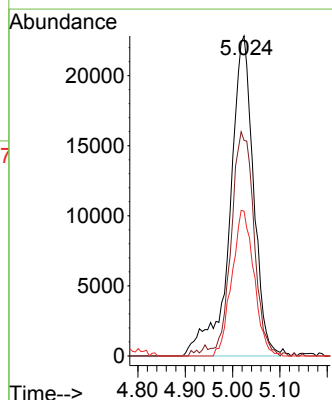
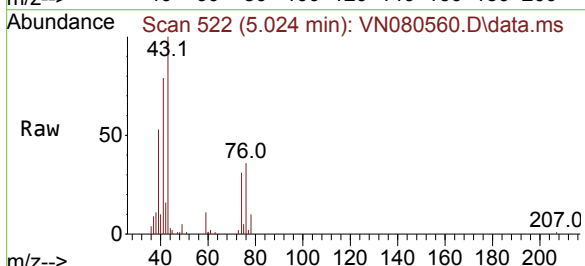
Tgt Ion: 41 Resp: 79317

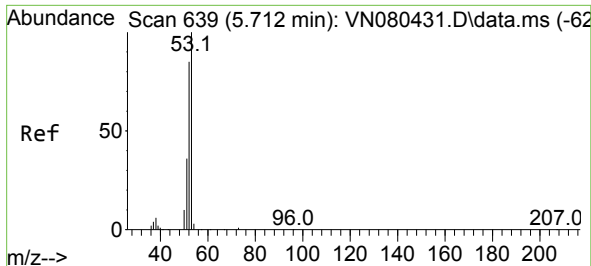
Ion Ratio Lower Upper

41 100

39 67.0 58.8 88.2

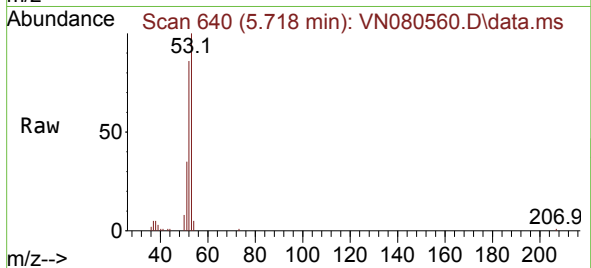
76 42.4 39.1 58.7



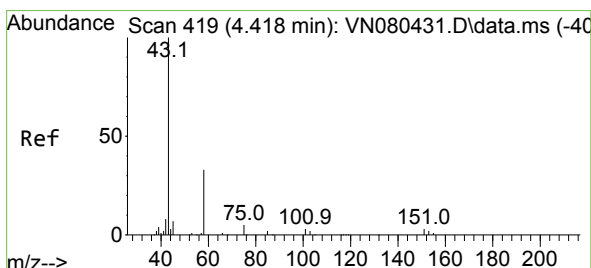
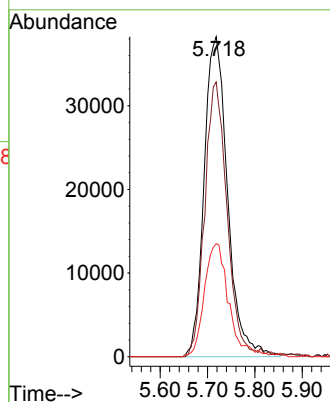
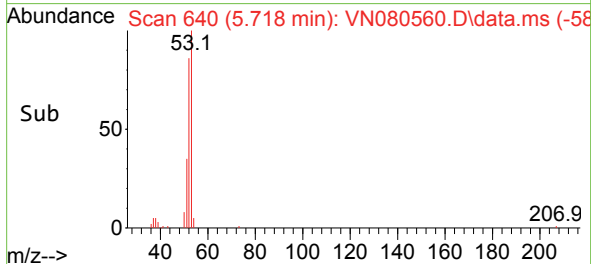


#15
Acrylonitrile
Concen: 101.771 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :

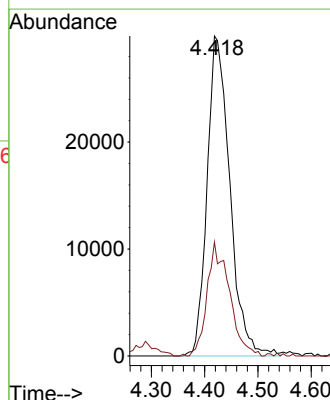
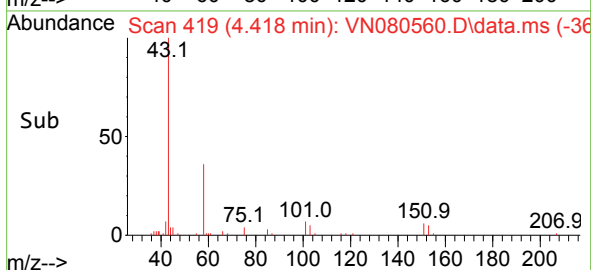
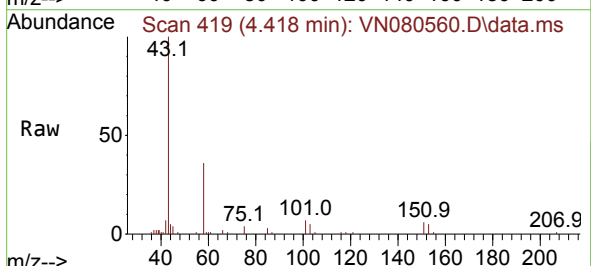


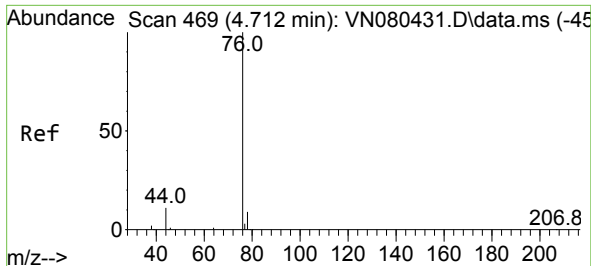
Tgt Ion: 53 Resp: 131499
Ion Ratio Lower Upper
53 100
52 81.0 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 128.839 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 43 Resp: 88702
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0

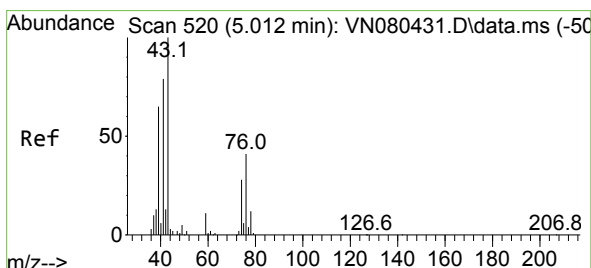
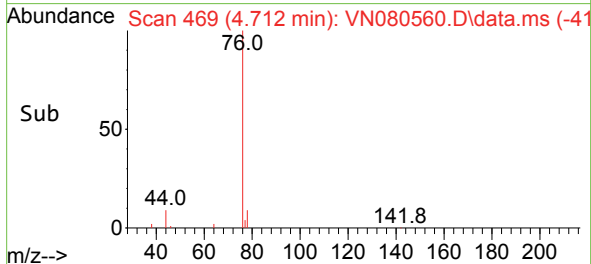
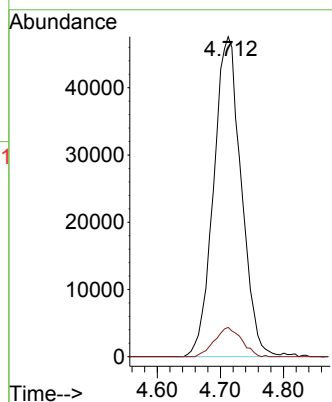
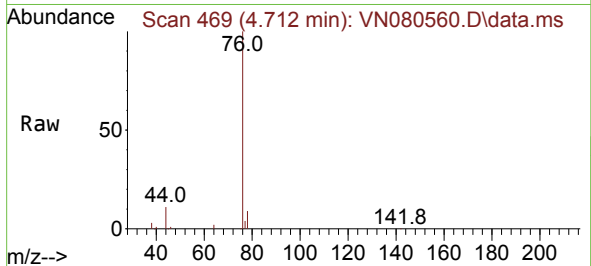




#17
Carbon Disulfide
Concen: 15.602 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

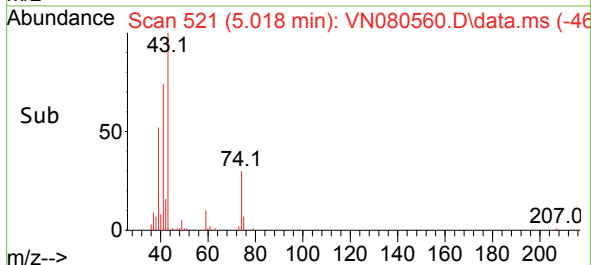
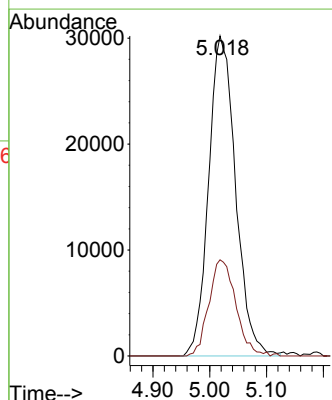
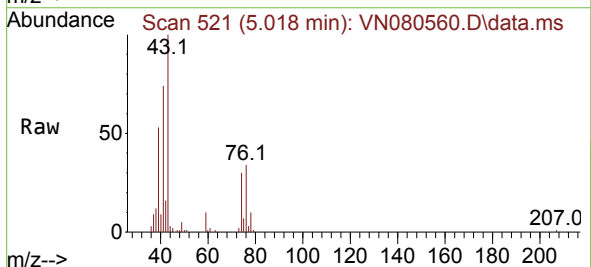
Instrument :
MSVOA_N
ClientSampleId :

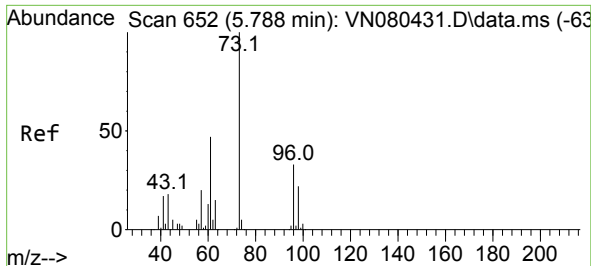
Tgt Ion: 76 Resp: 144501
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 22.497 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 43 Resp: 99660
Ion Ratio Lower Upper
43 100
74 30.0 26.2 39.4

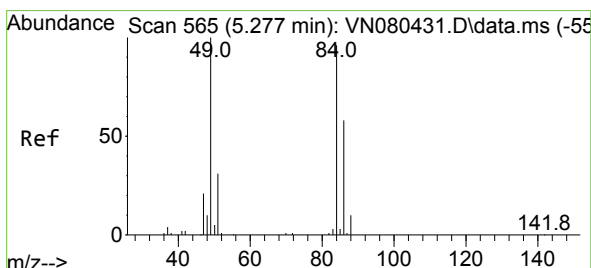
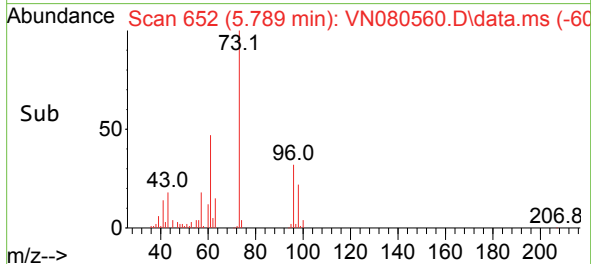
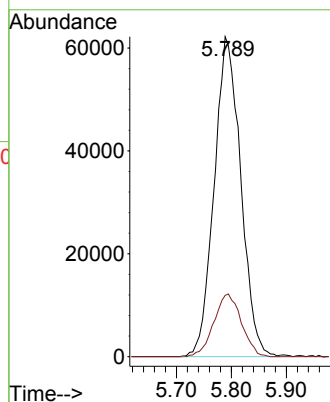
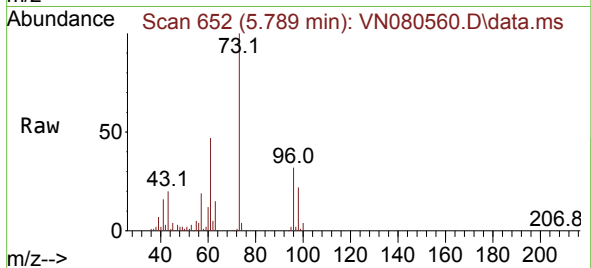




#19
Methyl tert-butyl Ether
Concen: 19.134 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

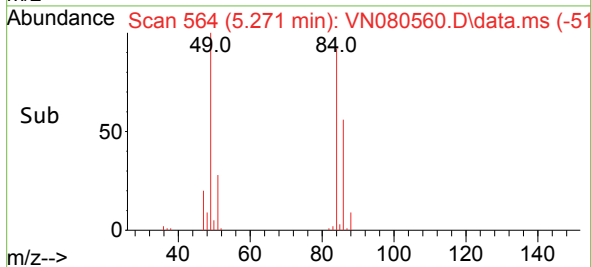
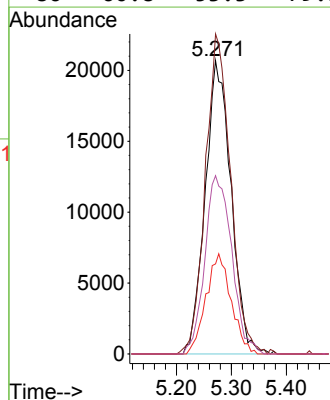
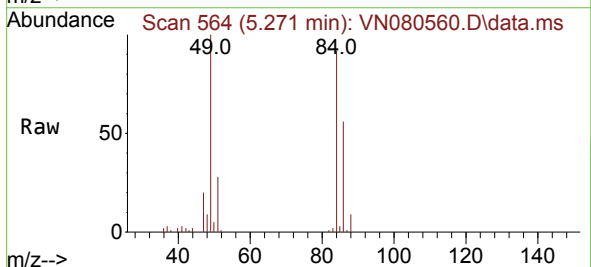
Instrument :
MSVOA_N
ClientSampleId :

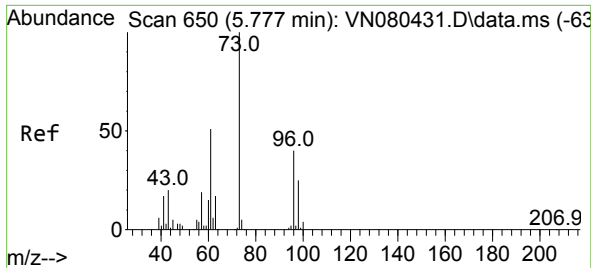
Tgt Ion: 73 Resp: 208628
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4



#20
Methylene Chloride
Concen: 18.349 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 84 Resp: 67605
Ion Ratio Lower Upper
84 100
49 109.1 79.7 119.5
51 30.7 25.2 37.8
86 60.8 53.3 79.9

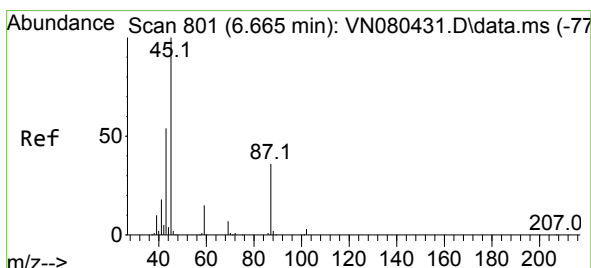
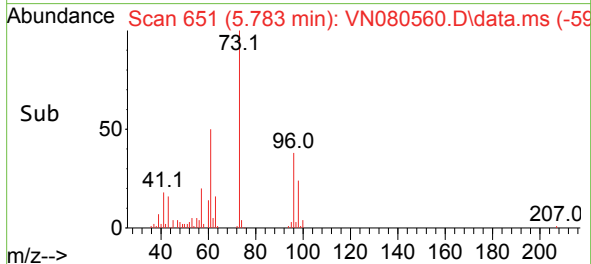
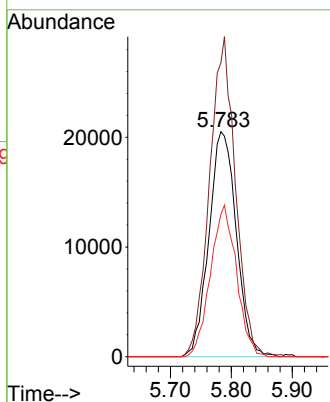
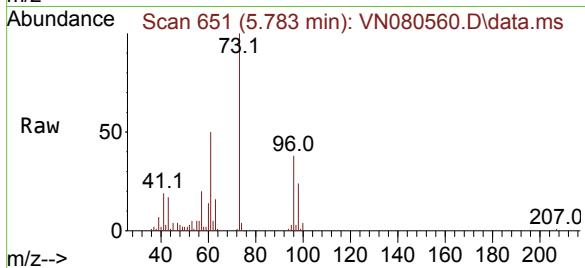




#21
trans-1,2-Dichloroethene
Concen: 18.072 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

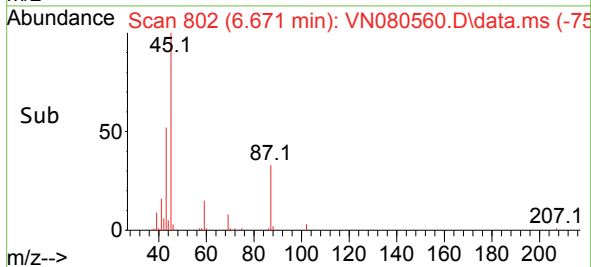
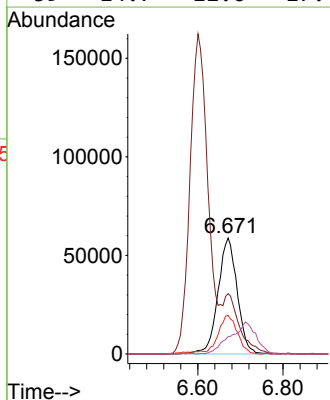
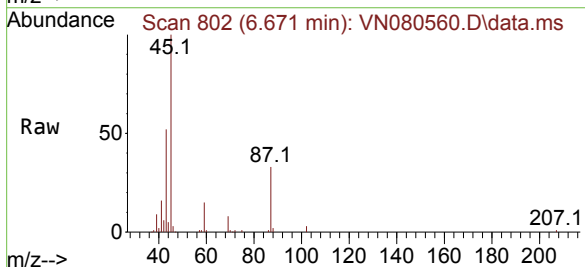
Instrument :
MSVOA_N
ClientSampleId :

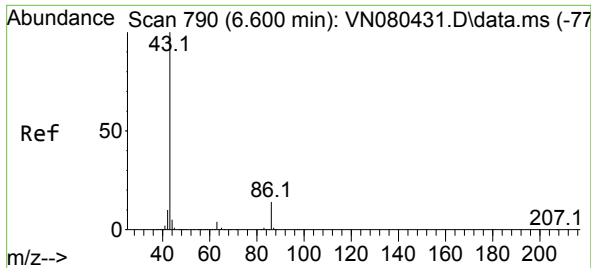
Tgt Ion: 96 Resp: 64041
Ion Ratio Lower Upper
96 100
61 130.7 90.1 135.1
98 63.3 46.4 69.6



#22
Diisopropyl ether
Concen: 21.120 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

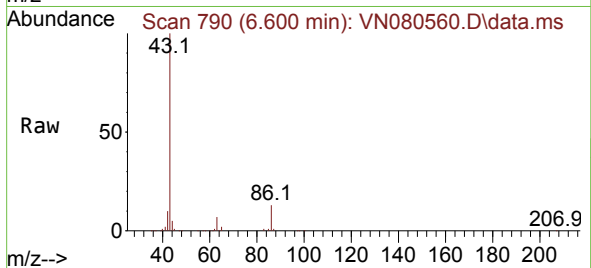
Tgt Ion: 45 Resp: 184314
Ion Ratio Lower Upper
45 100
43 51.5 45.5 68.3
87 33.3 31.8 47.8
59 14.7 11.6 17.4



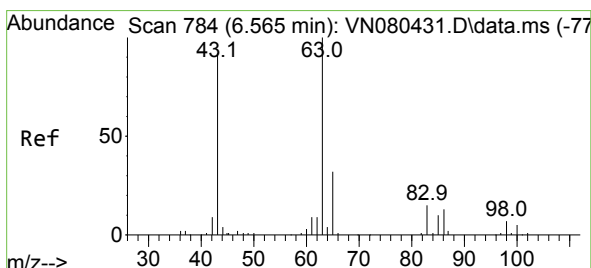
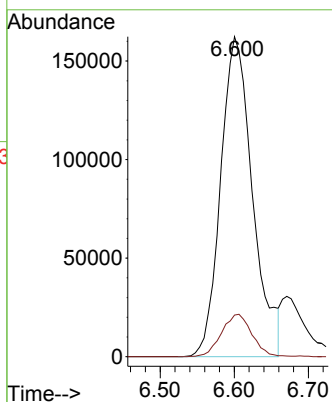
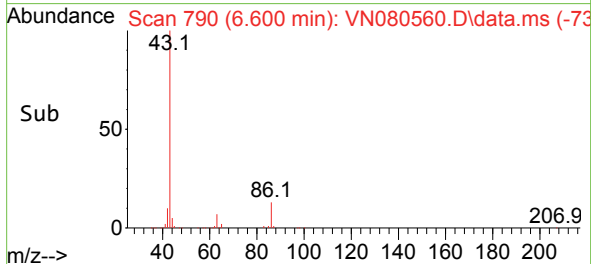


#23
 Vinyl Acetate
 Concen: 96.915 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

Instrument :
 MSVOA_N
 ClientSampleId :

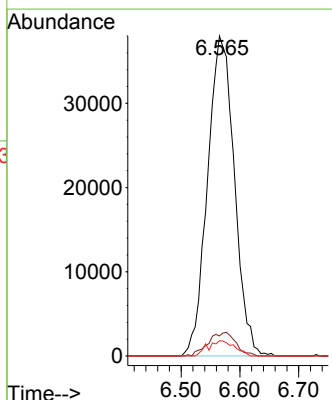
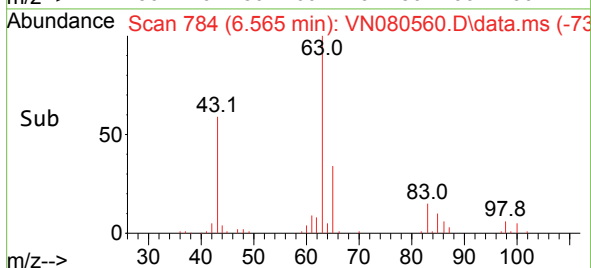
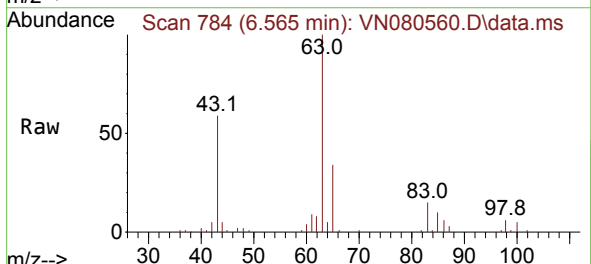


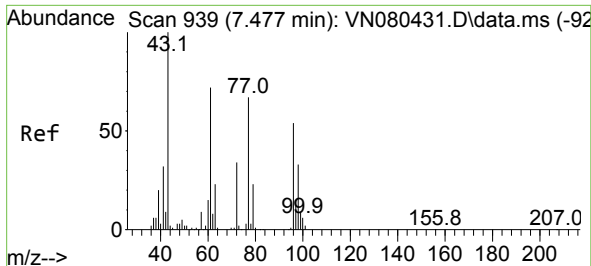
Tgt Ion: 43 Resp: 485762
 Ion Ratio Lower Upper
 43 100
 86 13.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 19.795 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

Tgt Ion: 63 Resp: 120528
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.7 2.5 7.4

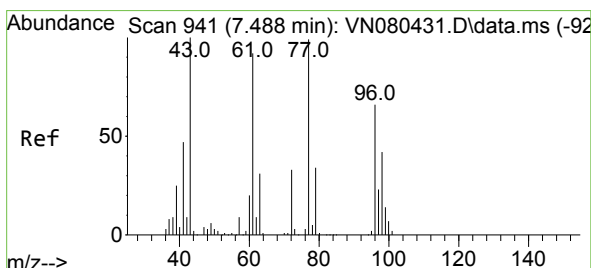
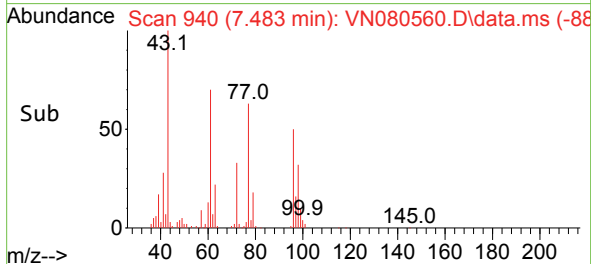
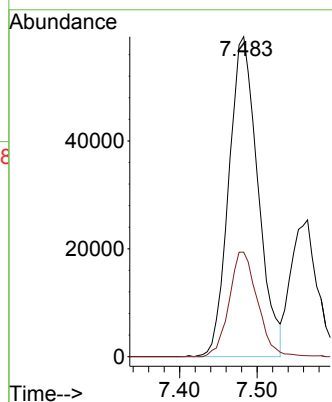
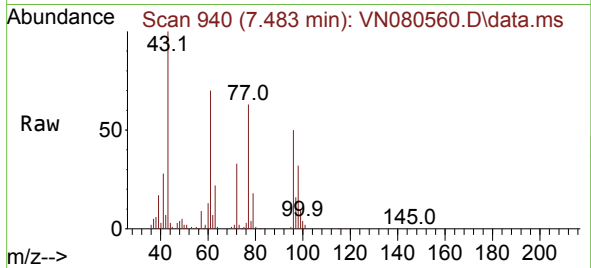




#25
2-Butanone
Concen: 116.780 ug/l
RT: 7.483 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

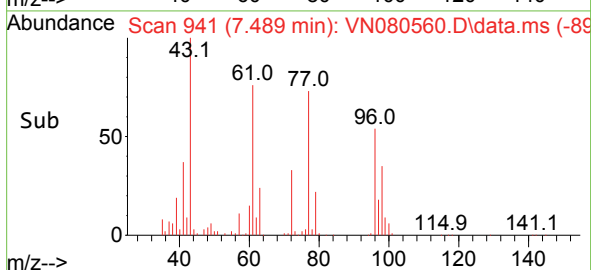
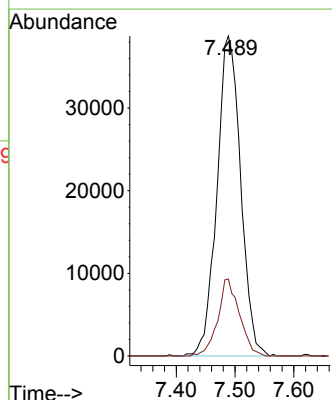
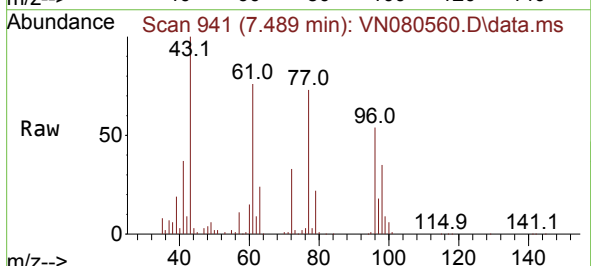
Instrument :
MSVOA_N
ClientSampleId :

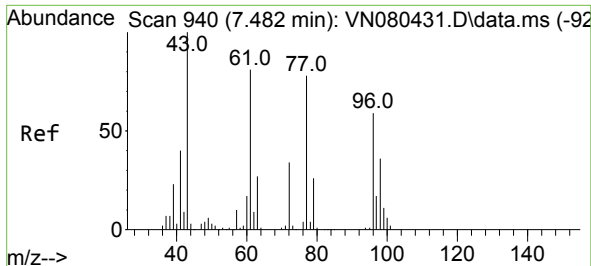
Tgt Ion: 43 Resp: 154884
Ion Ratio Lower Upper
43 100
72 32.6 30.2 45.2



#26
2,2-Dichloropropane
Concen: 17.424 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 77 Resp: 108487
Ion Ratio Lower Upper
77 100
97 22.0 11.2 33.6

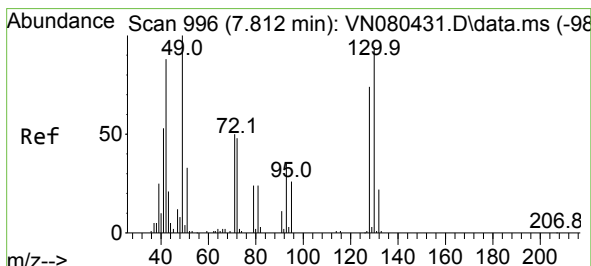
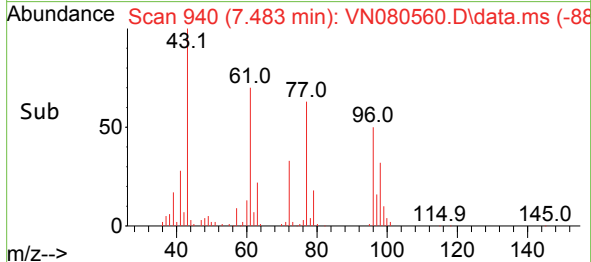
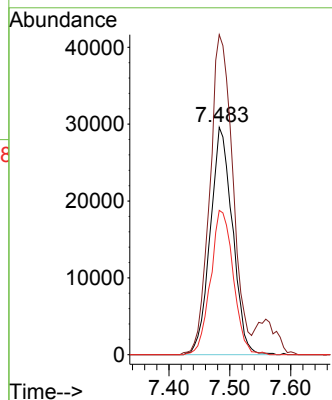
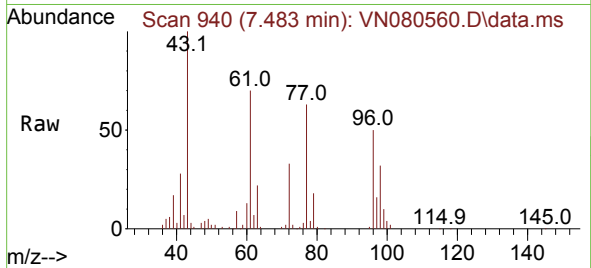




#27
 cis-1,2-Dichloroethene
 Concen: 18.761 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

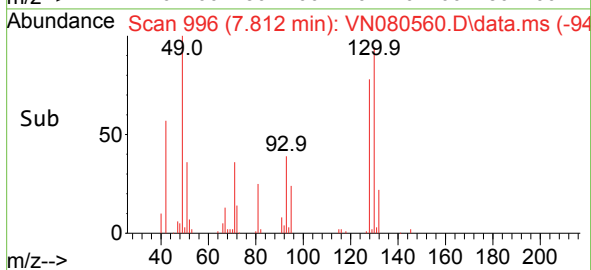
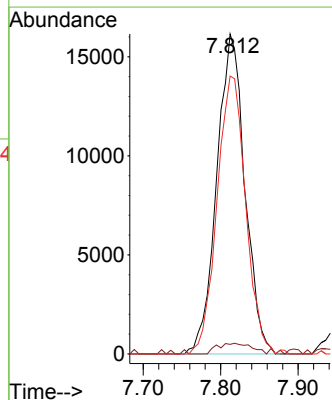
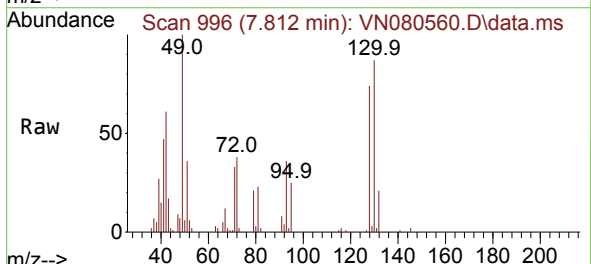
Instrument :
 MSVOA_N
 ClientSampleId :

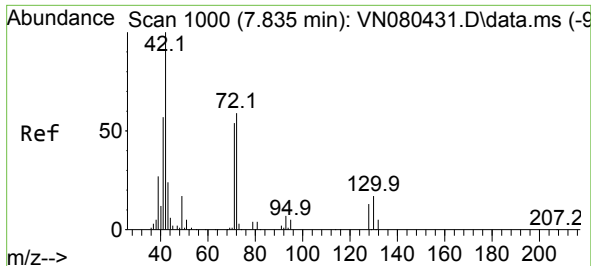
Tgt Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	255.2
98	64.7	0.0	128.8



#28
 Bromochloromethane
 Concen: 17.441 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	4.1	0.0	4.8
130	88.4	75.3	112.9





#29

Tetrahydrofuran

Concen: 101.725 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

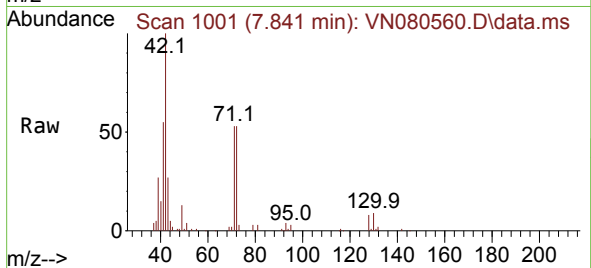
Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :



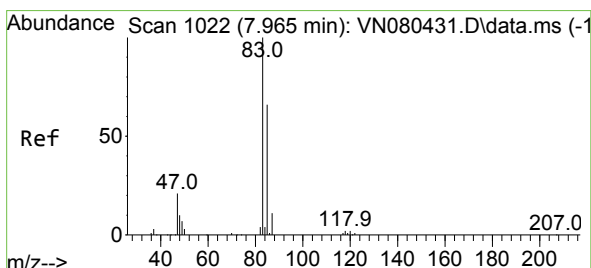
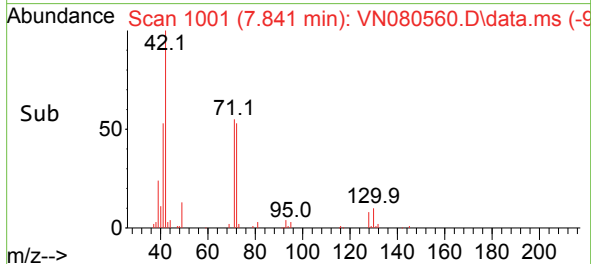
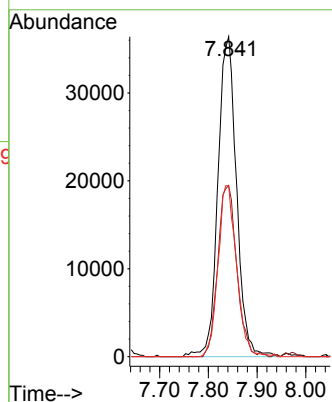
Tgt Ion: 42 Resp: 96611

Ion Ratio Lower Upper

42 100

72 54.1 49.8 74.6

71 53.3 47.4 71.2



#30

Chloroform

Concen: 19.012 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080560.D

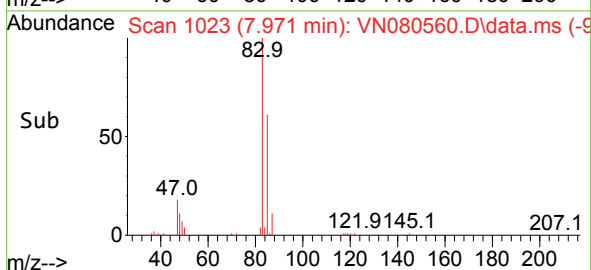
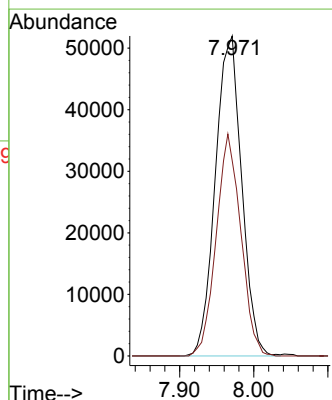
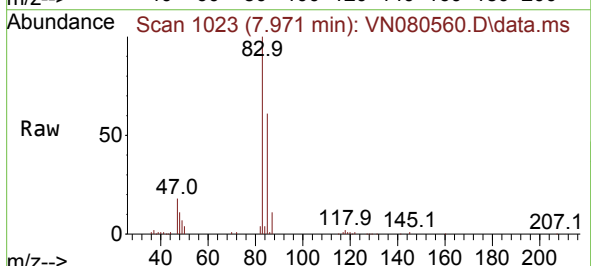
Acq: 20 Dec 2023 20:28

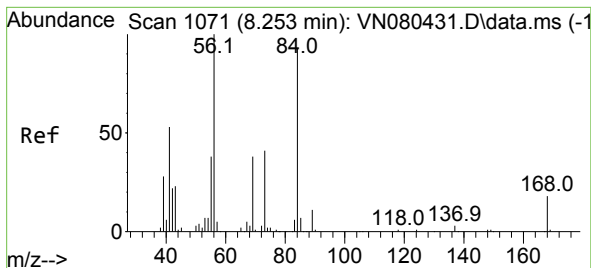
Tgt Ion: 83 Resp: 128498

Ion Ratio Lower Upper

83 100

85 61.0 55.4 83.0





#31

Cyclohexane

Concen: 17.782 ug/l

RT: 8.259 min Scan# 1071

Delta R.T. 0.006 min

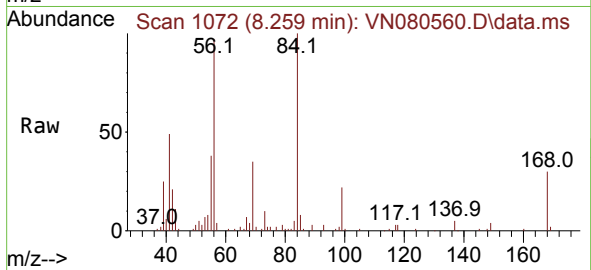
Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :



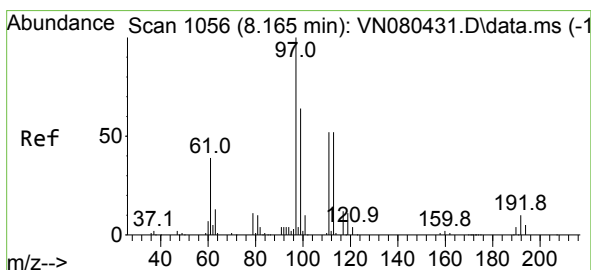
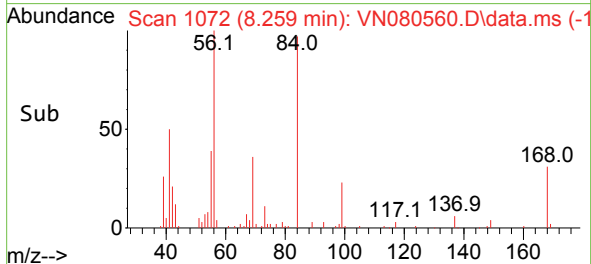
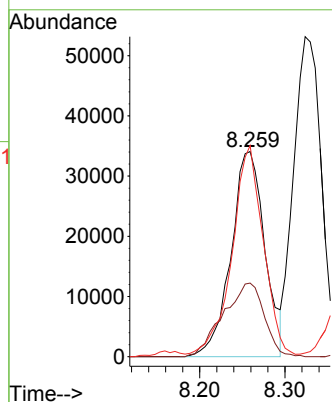
Tgt Ion: 56 Resp: 93896

Ion Ratio Lower Upper

56 100

69 35.9 26.8 40.2

84 101.3 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 18.236 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

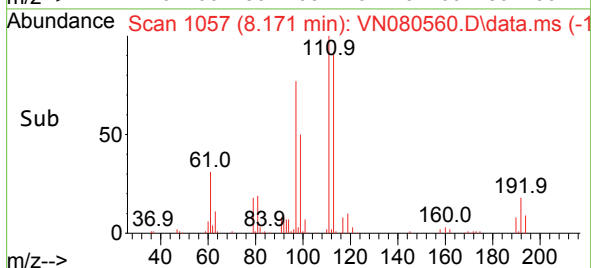
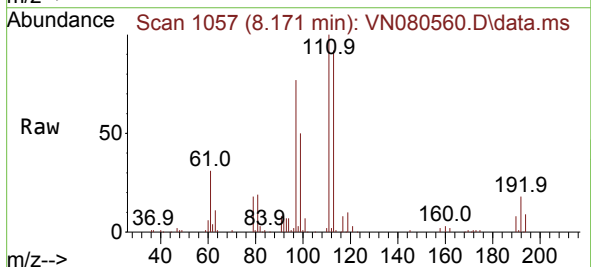
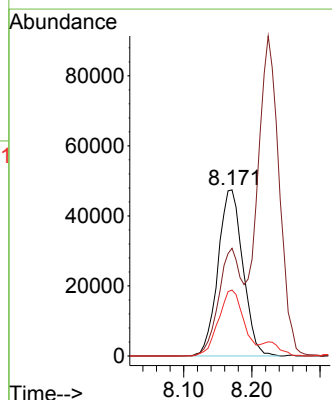
Tgt Ion: 97 Resp: 120677

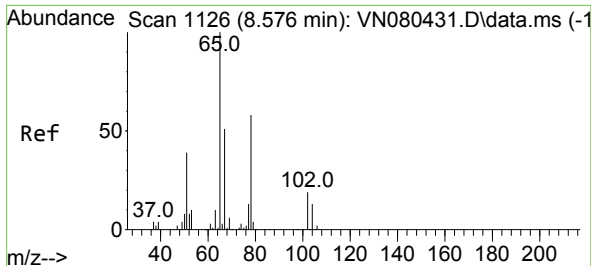
Ion Ratio Lower Upper

97 100

99 59.2 50.3 75.5

61 40.9 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 45.712 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

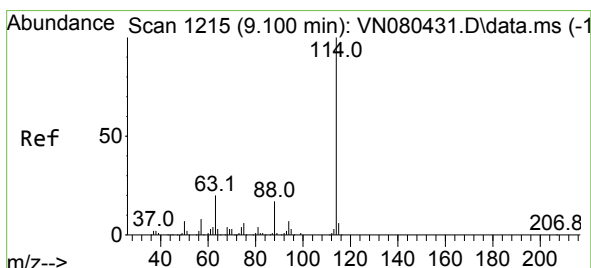
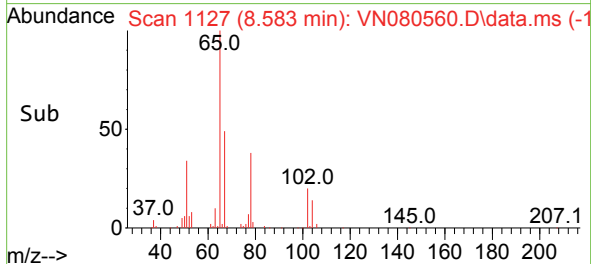
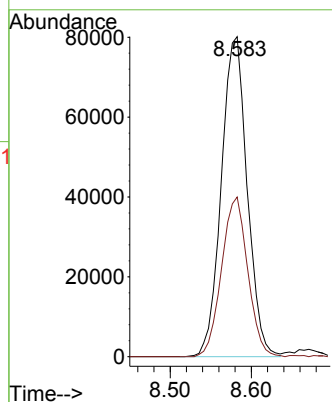
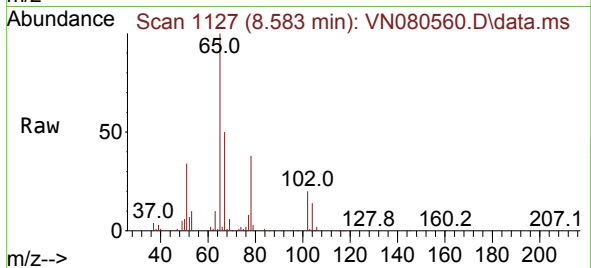
ClientSampleId :

Tgt Ion: 65 Resp: 177492

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

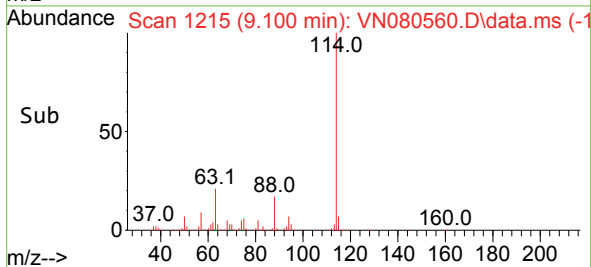
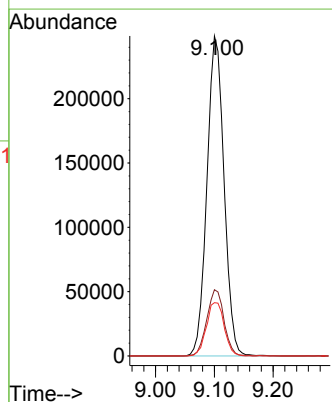
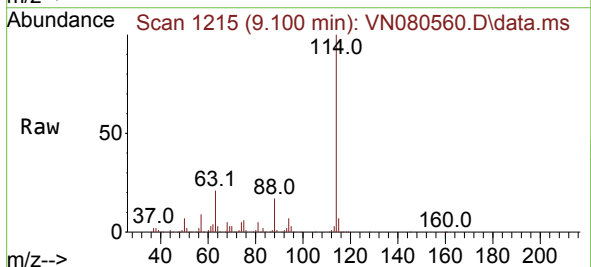
Tgt Ion: 114 Resp: 501675

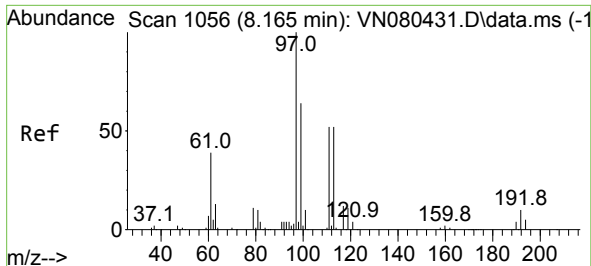
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 16.6 0.0 30.6

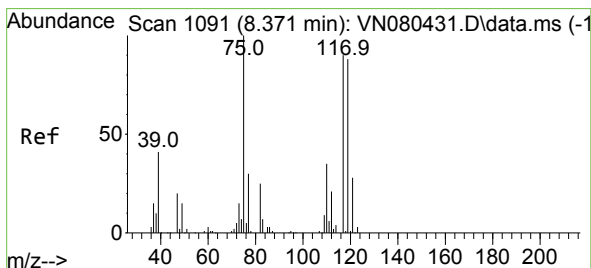
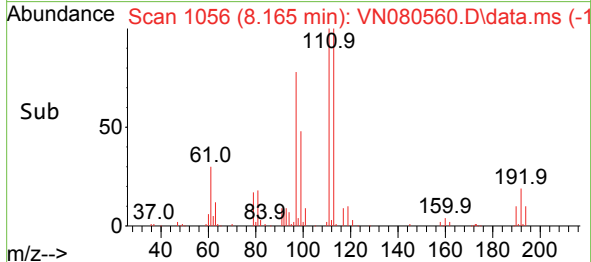
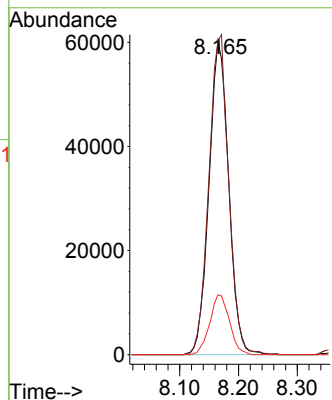
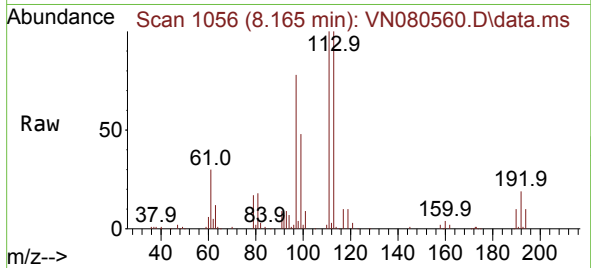




#35
Dibromofluoromethane
Concen: 44.002 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

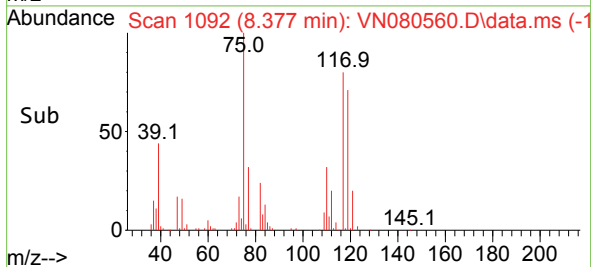
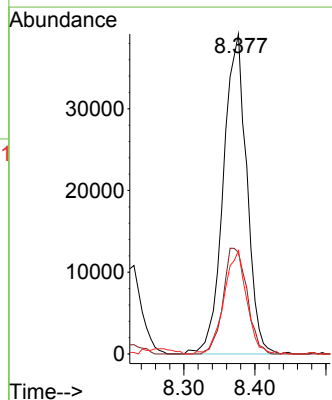
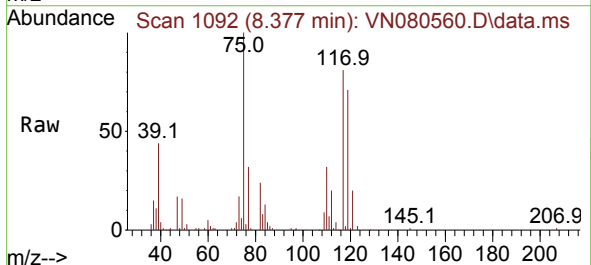
Instrument :
MSVOA_N
ClientSampleId :

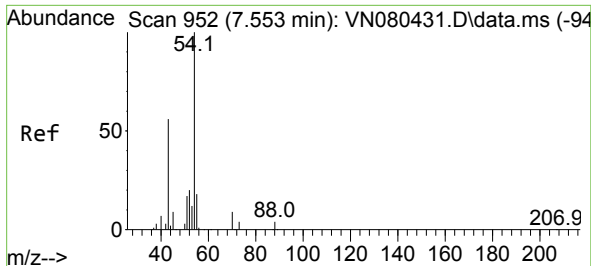
Tgt Ion:113 Resp: 139961
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.1 12.7 19.1#



#36
1,1-Dichloropropene
Concen: 17.172 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 75 Resp: 89309
Ion Ratio Lower Upper
75 100
110 33.9 19.1 57.3
77 31.5 25.0 37.4





#37

Ethyl Acetate

Concen: 18.523 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.012 min

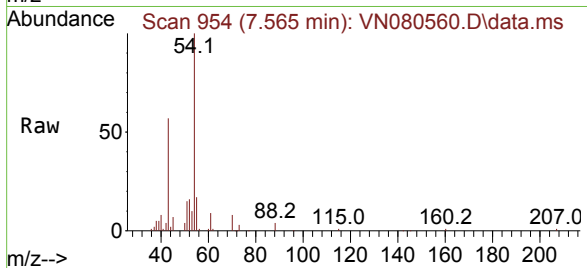
Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :



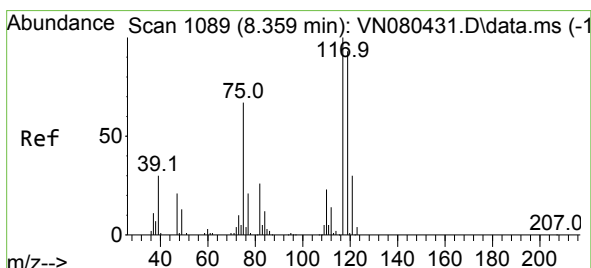
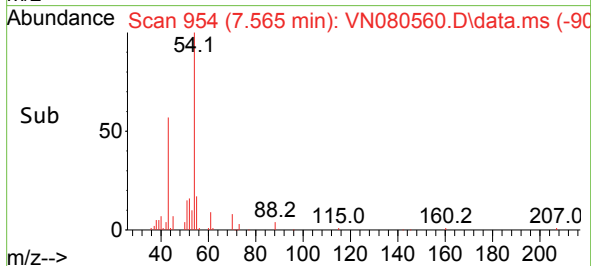
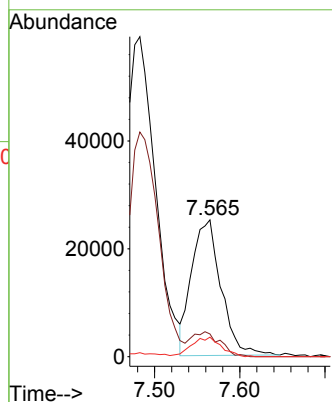
Tgt Ion: 43 Resp: 60326

Ion Ratio Lower Upper

43 100

61 17.7 13.2 19.8

70 14.5 11.3 16.9



#38

Carbon Tetrachloride

Concen: 16.877 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

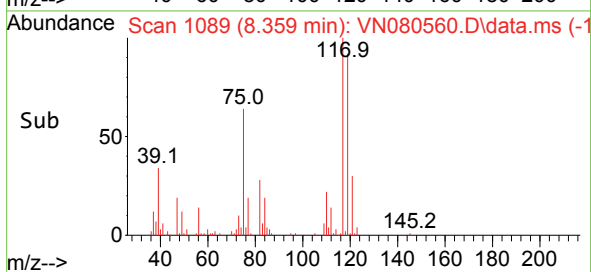
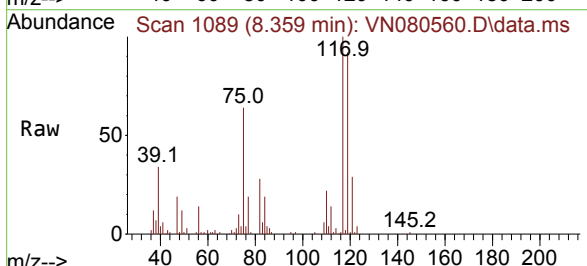
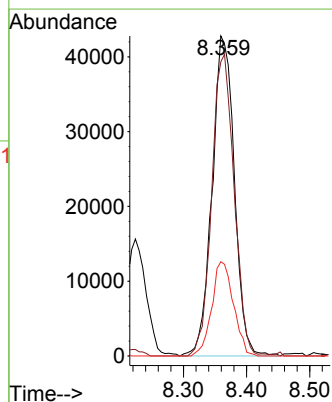
Tgt Ion: 117 Resp: 104879

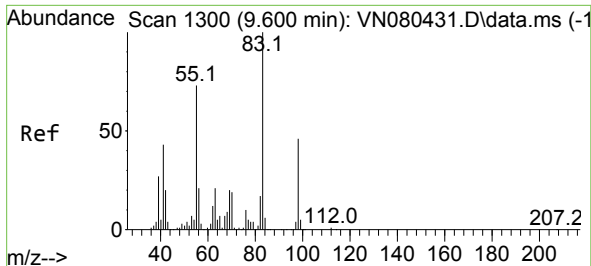
Ion Ratio Lower Upper

117 100

119 91.9 77.3 115.9

121 29.4 23.3 34.9





#39

Methylcyclohexane

Concen: 16.922 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

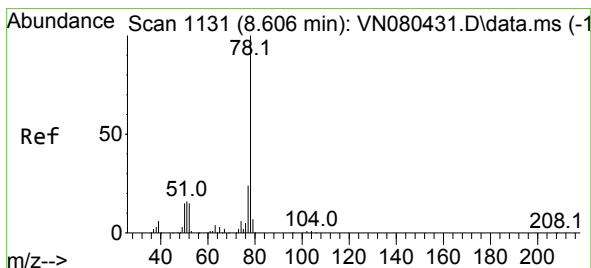
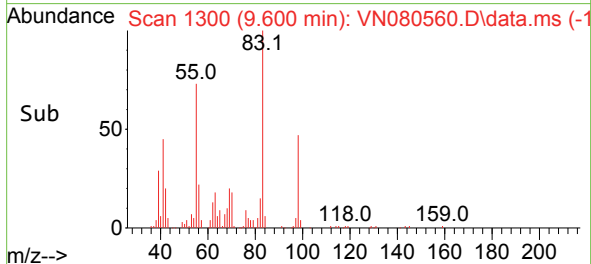
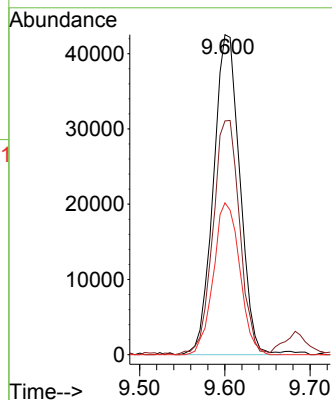
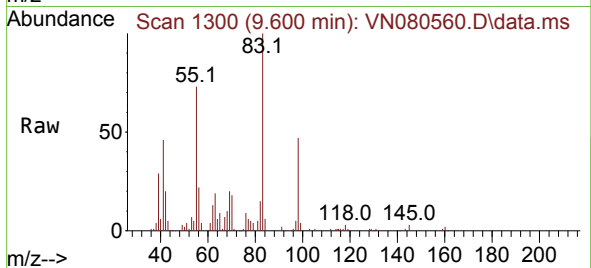
Tgt Ion: 83 Resp: 91425

Ion Ratio Lower Upper

83 100

55 72.6 49.1 73.7

98 47.4 40.6 61.0



#40

Benzene

Concen: 18.111 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN080560.D

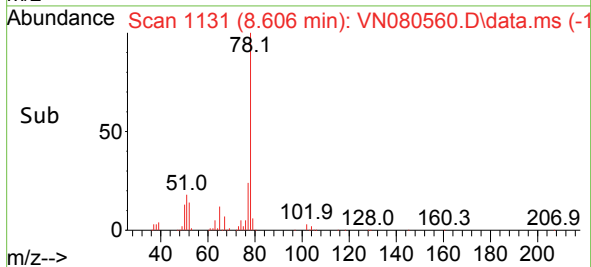
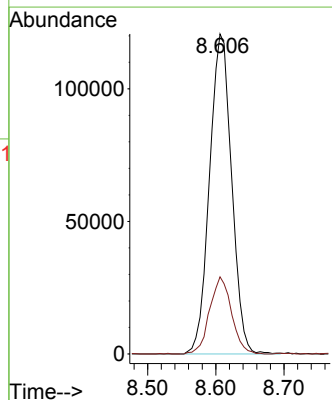
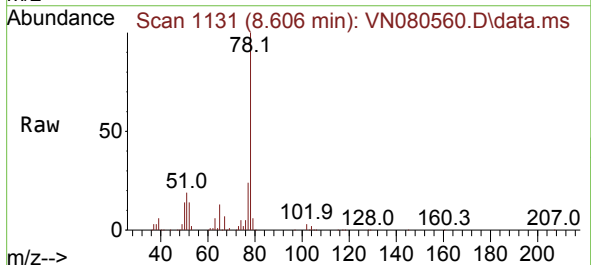
Acq: 20 Dec 2023 20:28

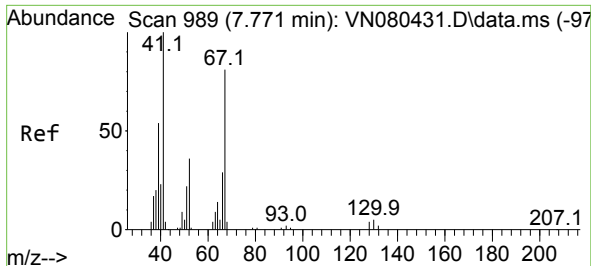
Tgt Ion: 78 Resp: 271994

Ion Ratio Lower Upper

78 100

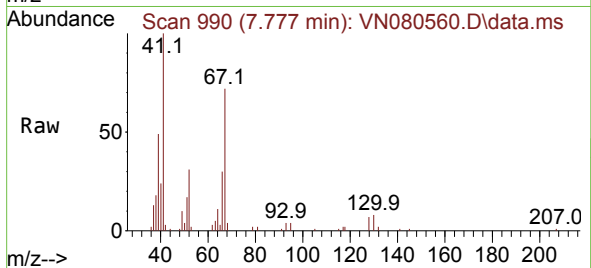
77 24.1 19.0 28.6



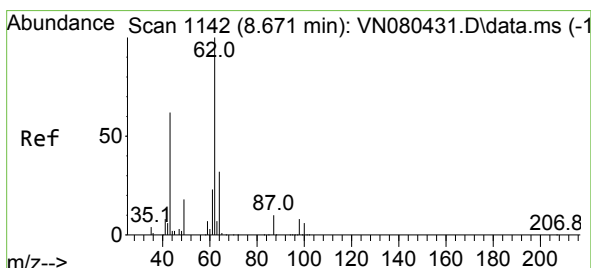
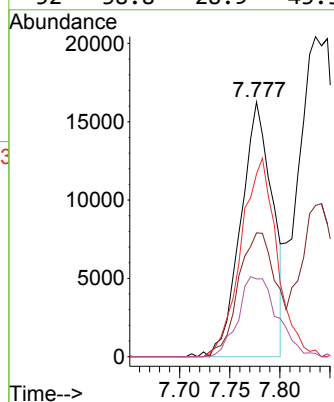
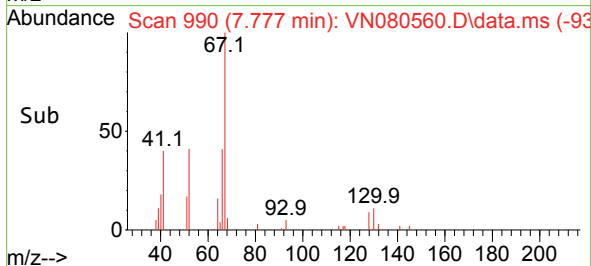


#41
Methacrylonitrile
Concen: 18.960 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :

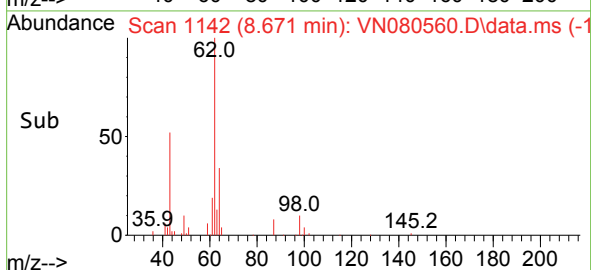
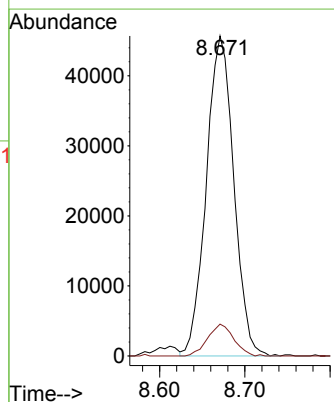
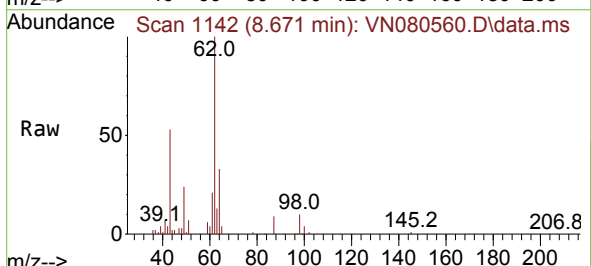


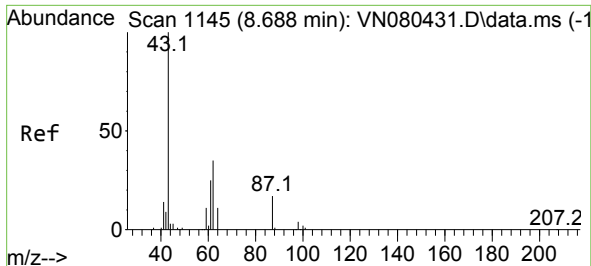
Tgt Ion:	41	Resp:	35598
Ion	Ratio	Lower	Upper
41	100		
39	58.5	42.6	64.0
67	88.7	77.5	116.3
52	38.8	28.9	43.3



#42
1,2-Dichloroethane
Concen: 18.420 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

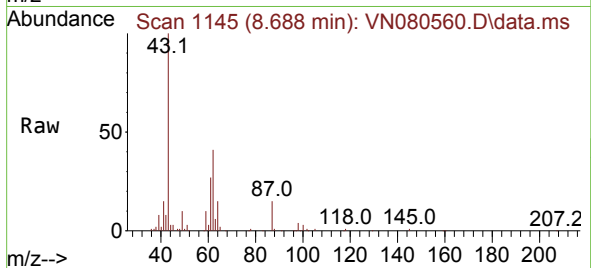
Tgt Ion:	62	Resp:	102443
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8



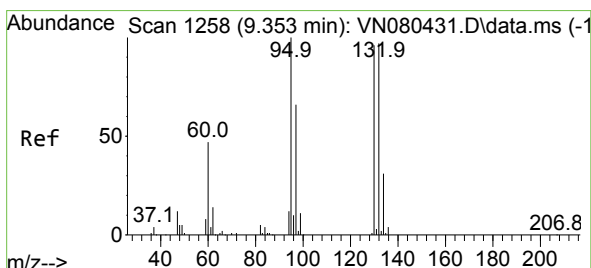
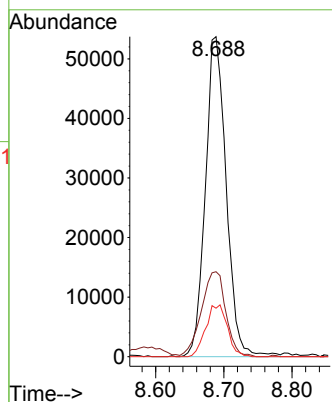
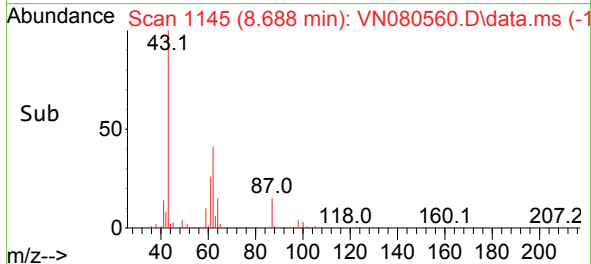


#43
Isopropyl Acetate
Concen: 19.547 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :

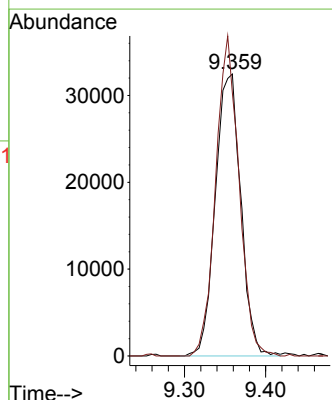
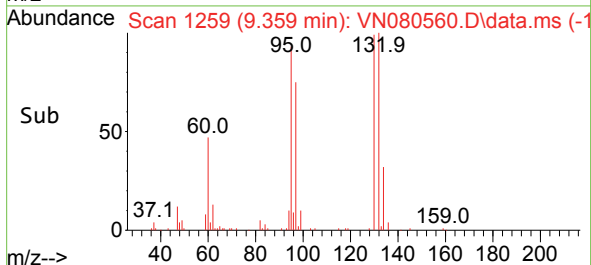
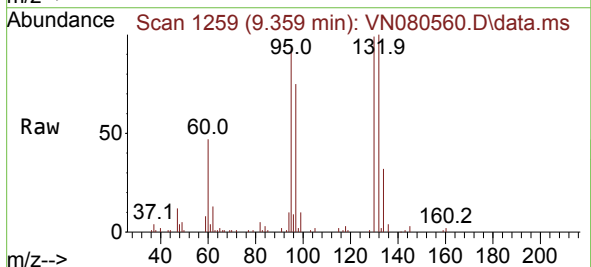


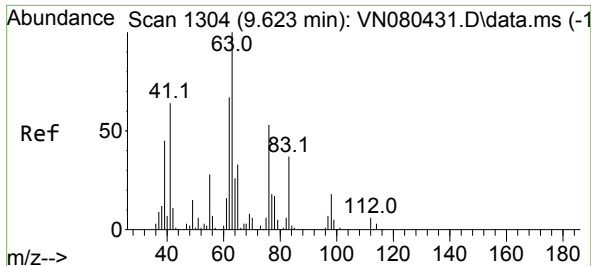
Tgt Ion: 43 Resp: 114463
Ion Ratio Lower Upper
43 100
61 31.1 24.7 37.1
87 16.8 14.6 21.8



#44
Trichloroethene
Concen: 17.480 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion:130 Resp: 70770
Ion Ratio Lower Upper
130 100
95 93.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.551 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

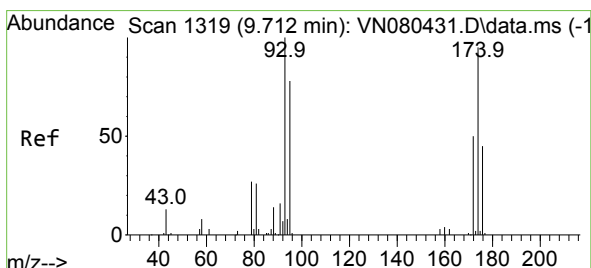
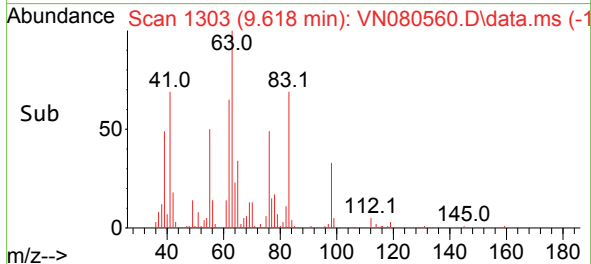
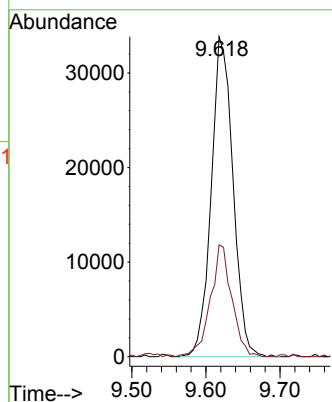
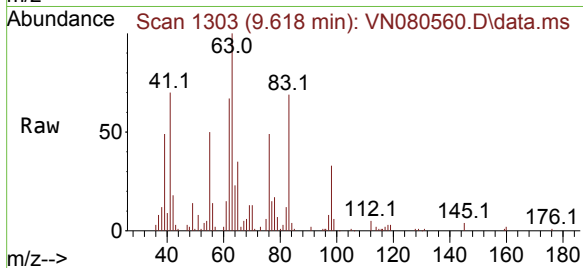
ClientSampleId :

Tgt Ion: 63 Resp: 68963

Ion Ratio Lower Upper

63 100

65 34.4 23.9 35.9



#46

Dibromomethane

Concen: 18.417 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

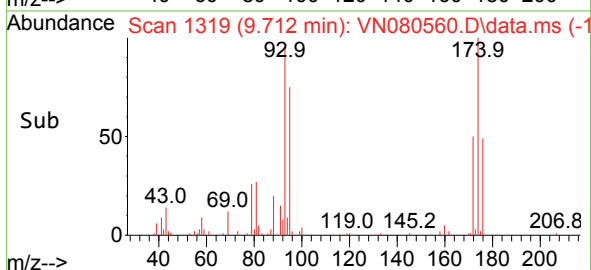
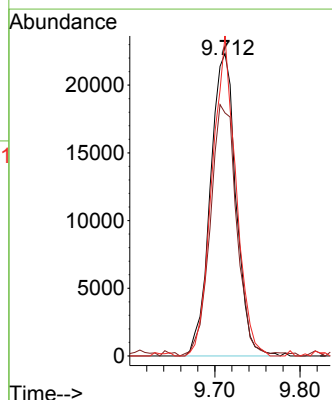
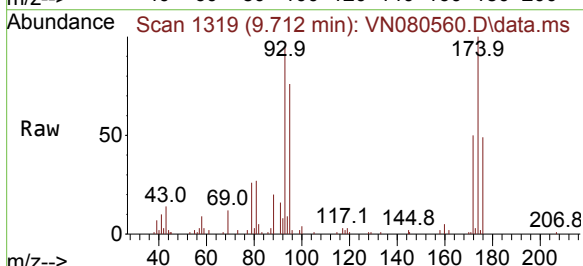
Tgt Ion: 93 Resp: 46652

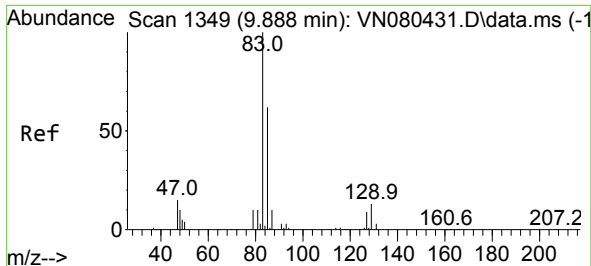
Ion Ratio Lower Upper

93 100

95 86.2 63.8 95.8

174 98.2 65.6 98.4

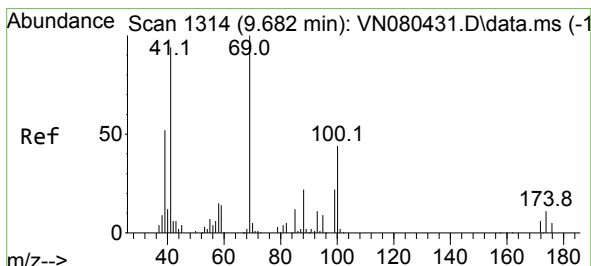
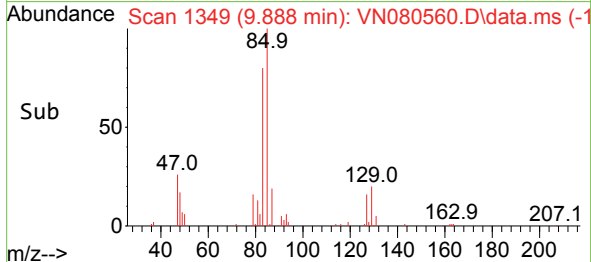
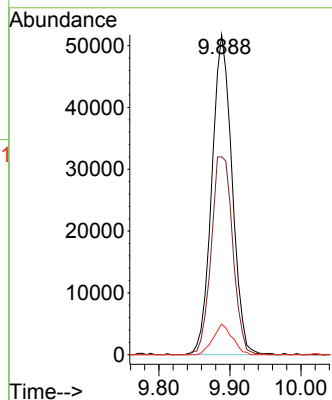
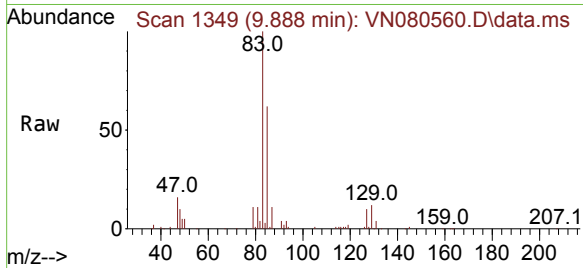




#47
 Bromodichloromethane
 Concen: 18.811 ug/l
 RT: 9.888 min Scan# 1349
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

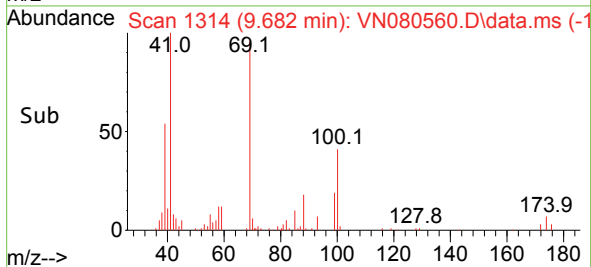
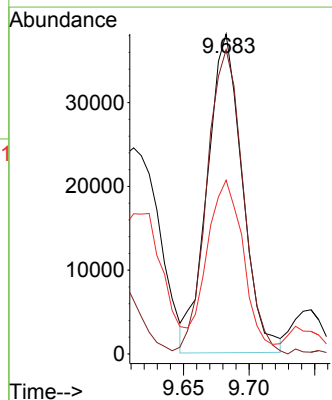
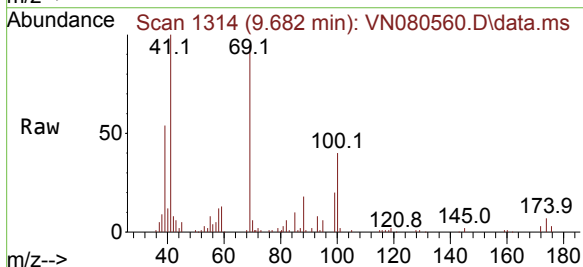
Instrument :
 MSVOA_N
 ClientSampleId :

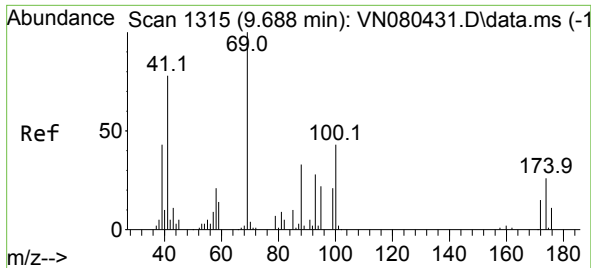
Tgt Ion: 83 Resp: 102123
 Ion Ratio Lower Upper
 83 100
 85 61.8 49.6 74.4
 127 9.6 7.0 10.6



#48
 Methyl methacrylate
 Concen: 20.281 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

Tgt Ion: 41 Resp: 70872
 Ion Ratio Lower Upper
 41 100
 69 98.1 90.4 135.6
 39 56.7 54.6 81.8





#49

1,4-Dioxane

Concen: 381.258 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

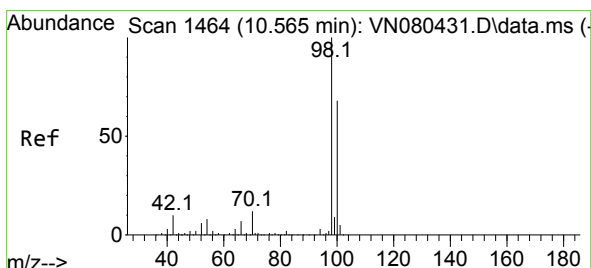
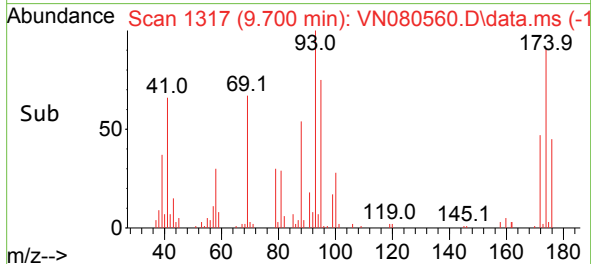
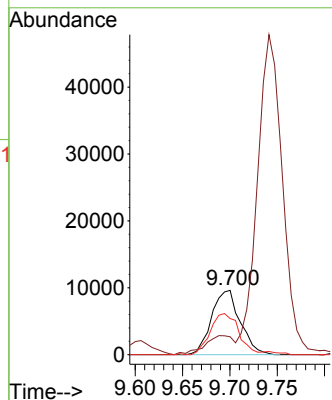
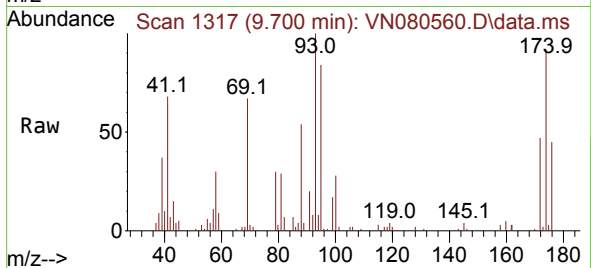
Tgt Ion: 88 Resp: 20194

Ion Ratio Lower Upper

88 100

43 30.2 17.0 25.6#

58 66.9 47.0 70.4



#50

Toluene-d8

Concen: 44.658 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080560.D

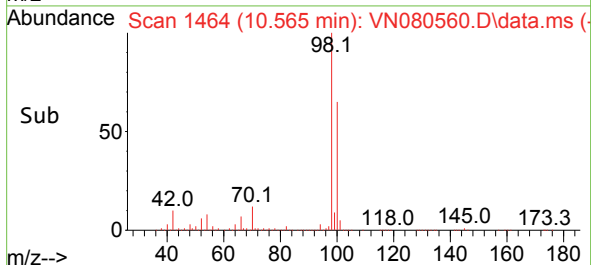
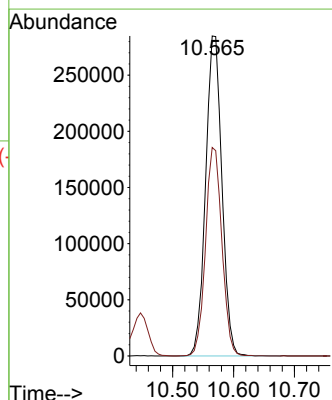
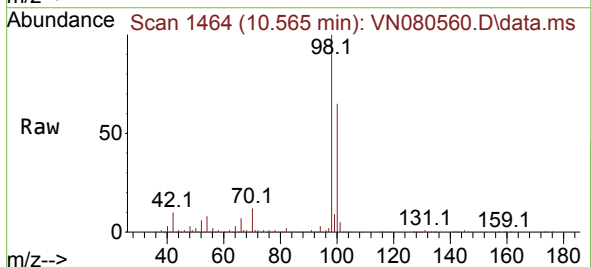
Acq: 20 Dec 2023 20:28

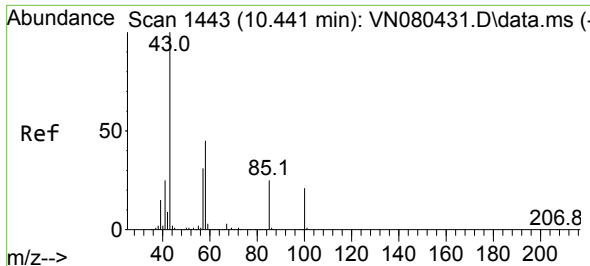
Tgt Ion: 98 Resp: 529771

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

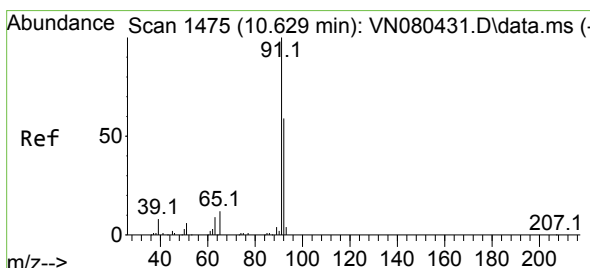
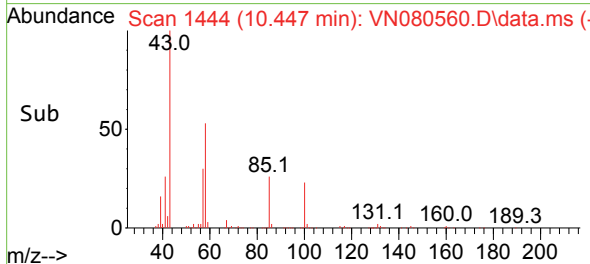
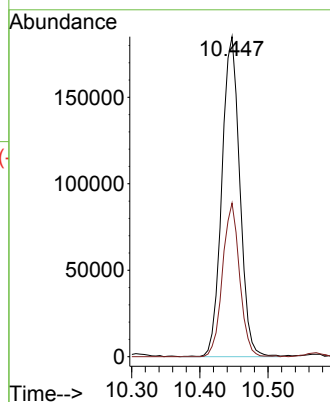
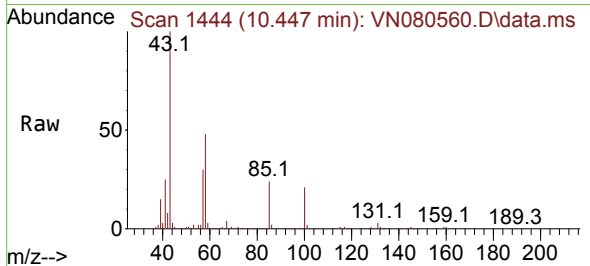




#51
4-Methyl-2-Pentanone
Concen: 105.143 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

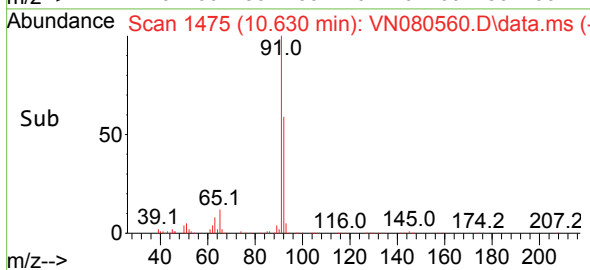
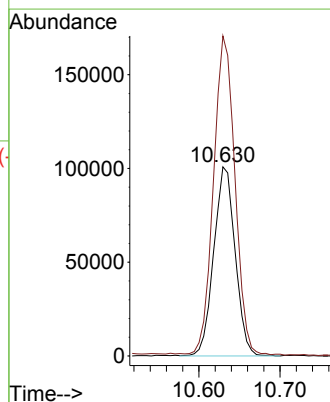
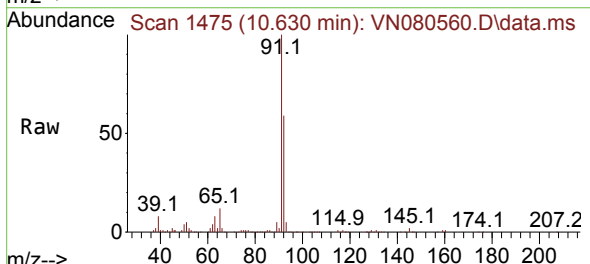
Instrument :
MSVOA_N
ClientSampleId :

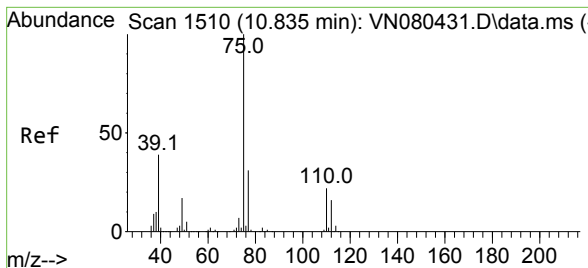
Tgt Ion: 43 Resp: 339090
Ion Ratio Lower Upper
43 100
58 45.7 36.6 54.8



#52
Toluene
Concen: 19.510 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 92 Resp: 185105
Ion Ratio Lower Upper
92 100
91 168.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 17.886 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

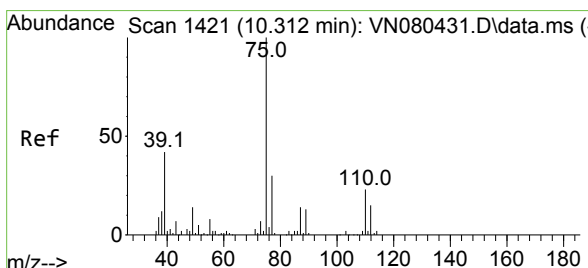
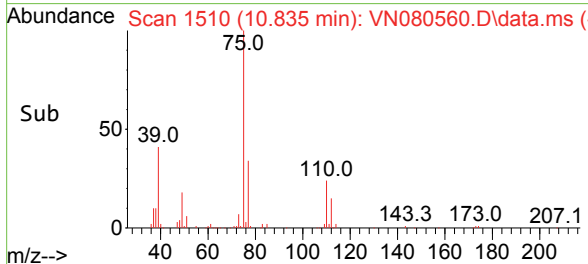
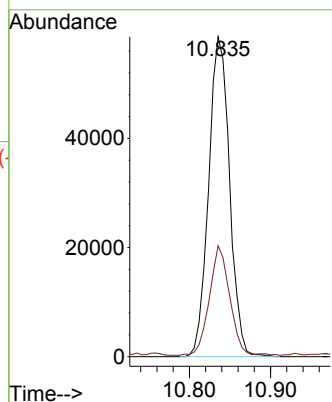
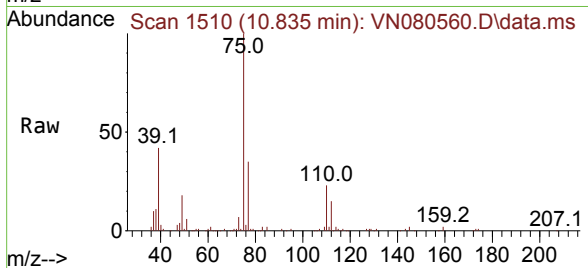
ClientSampleId :

Tgt Ion: 75 Resp: 105059

Ion Ratio Lower Upper

75 100

77 34.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.333 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

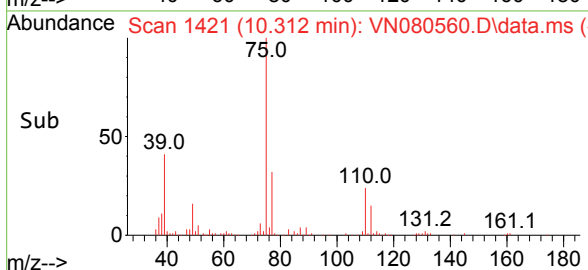
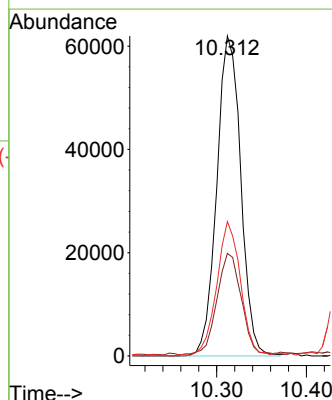
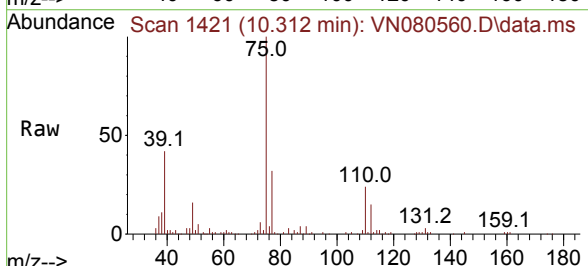
Tgt Ion: 75 Resp: 115097

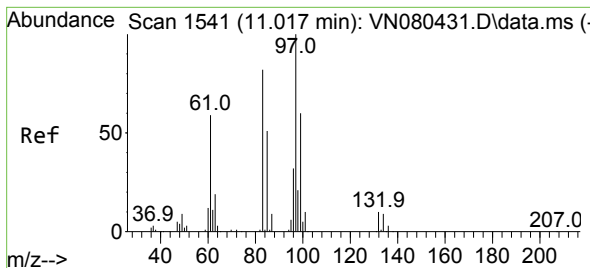
Ion Ratio Lower Upper

75 100

77 31.8 26.1 39.1

39 41.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 20.248 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 97 Resp: 69122

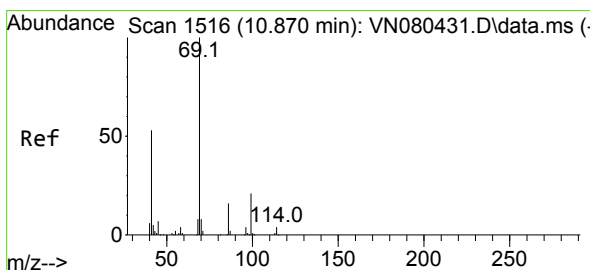
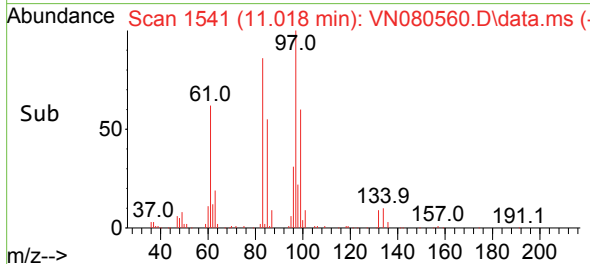
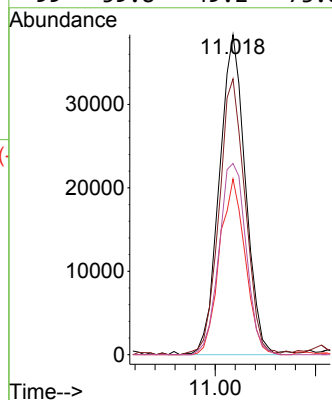
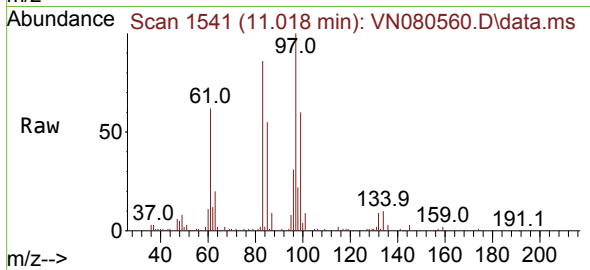
Ion Ratio Lower Upper

97 100

83 86.2 65.1 97.7

85 54.9 43.4 65.2

99 59.8 49.2 73.8



#56

Ethyl methacrylate

Concen: 19.136 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. 0.006 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

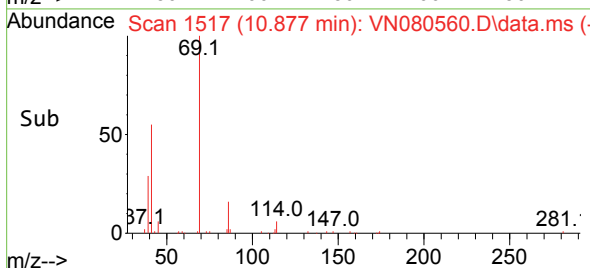
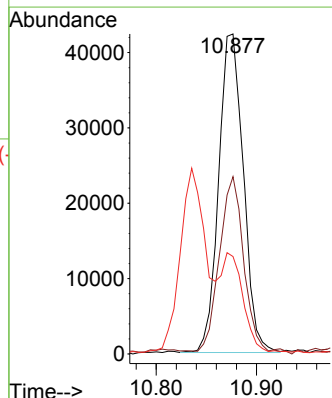
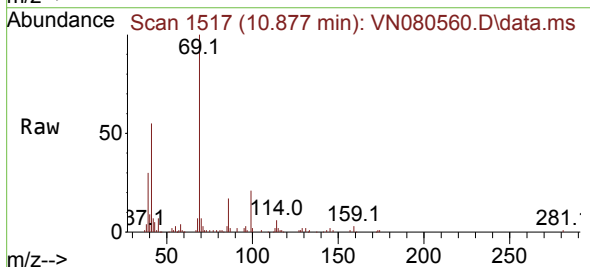
Tgt Ion: 69 Resp: 72325

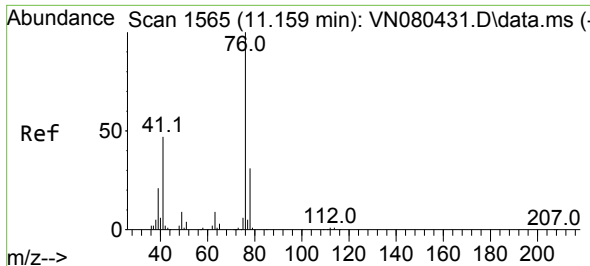
Ion Ratio Lower Upper

69 100

41 56.0 39.6 59.4

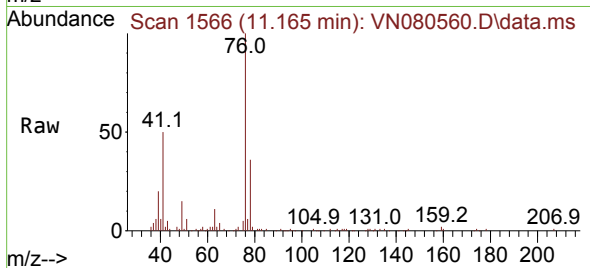
39 28.9 28.6 43.0



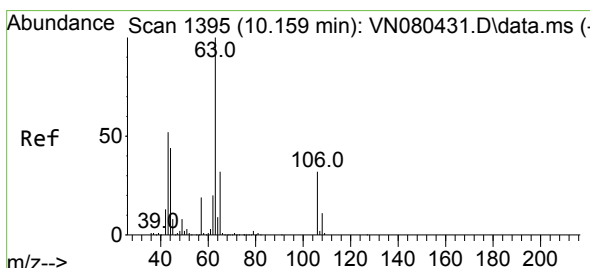
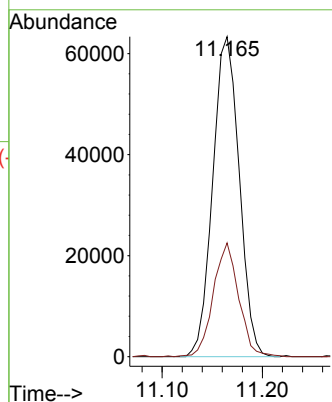
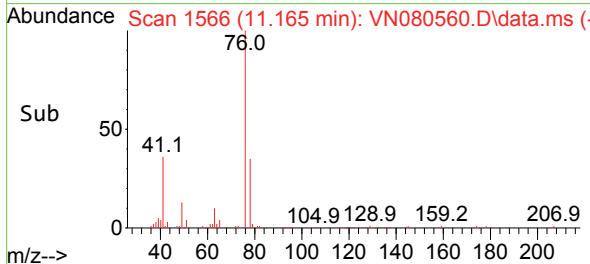


#57
1,3-Dichloropropane
Concen: 19.405 ug/l
RT: 11.165 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :

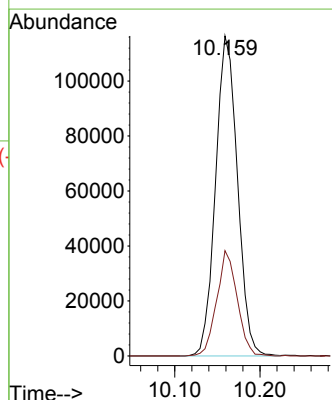
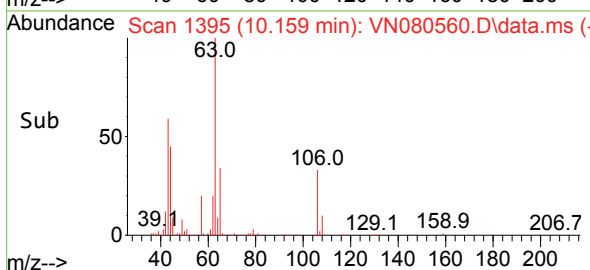
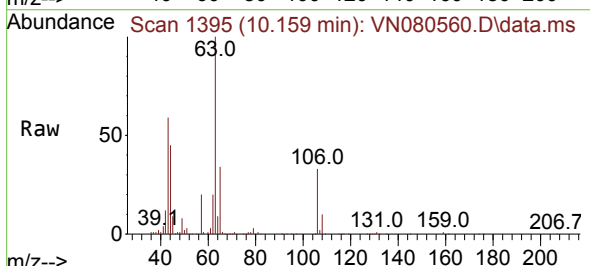


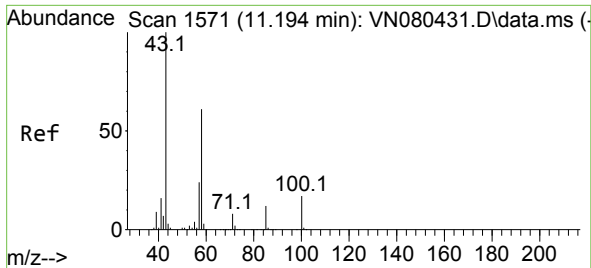
Tgt Ion: 76 Resp: 116128
Ion Ratio Lower Upper
76 100
78 34.2 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 87.095 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 63 Resp: 207812
Ion Ratio Lower Upper
63 100
106 30.8 26.2 39.4

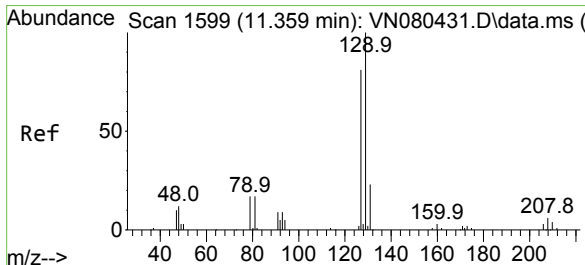
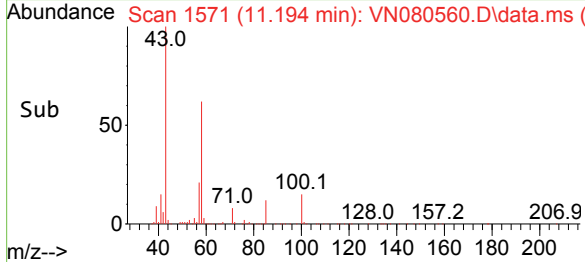
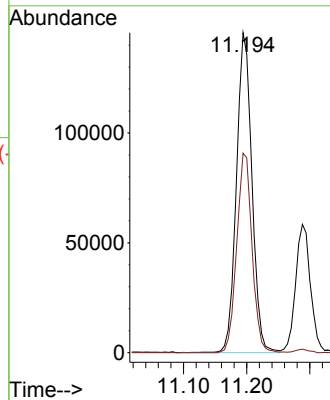
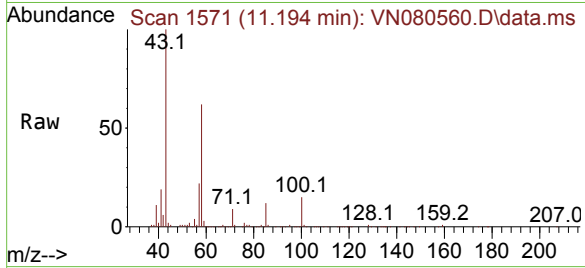




#59
2-Hexanone
Concen: 104.256 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

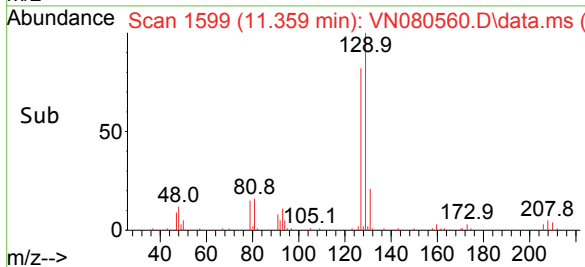
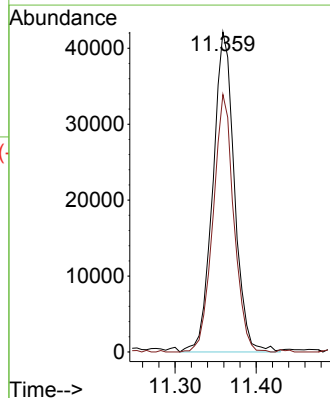
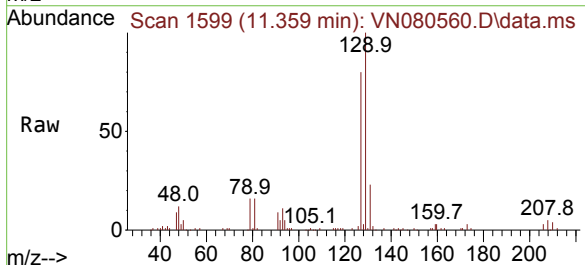
Instrument :
MSVOA_N
ClientSampleId :

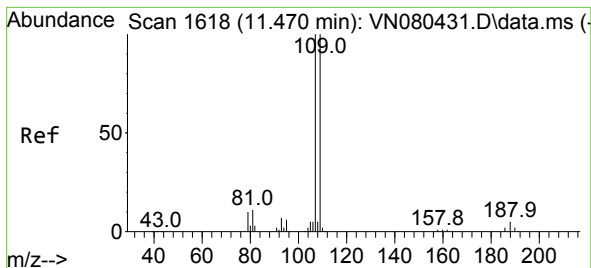
Tgt Ion: 43 Resp: 248219
Ion Ratio Lower Upper
43 100
58 61.6 31.7 95.1



#60
Dibromochloromethane
Concen: 19.281 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 129 Resp: 77998
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0

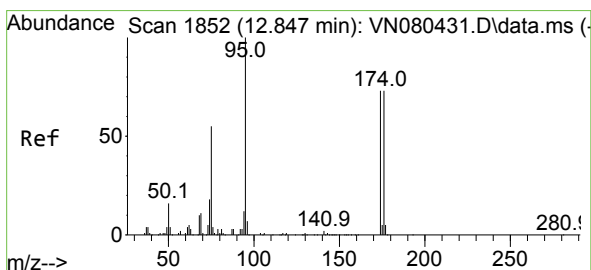
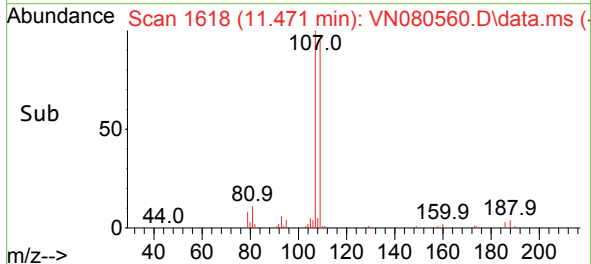
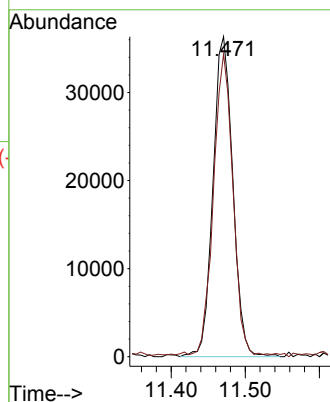
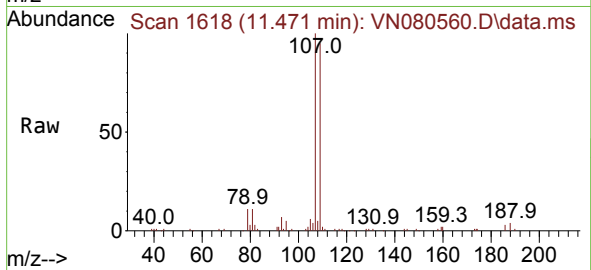




#61
1,2-Dibromoethane
Concen: 19.060 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

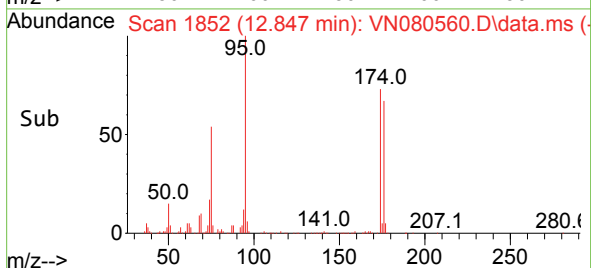
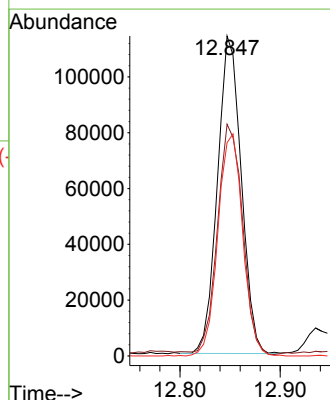
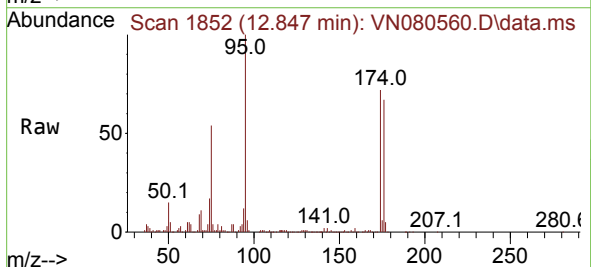
Instrument :
MSVOA_N
ClientSampleId :

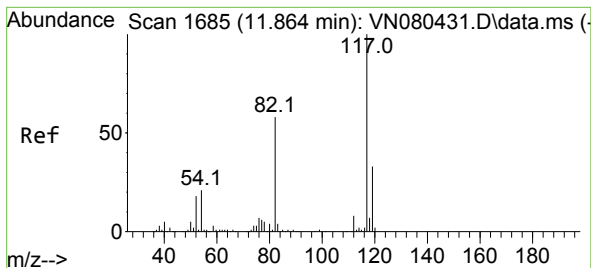
Tgt Ion:107 Resp: 67342
Ion Ratio Lower Upper
107 100
109 91.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 41.599 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 95 Resp: 187386
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 73.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

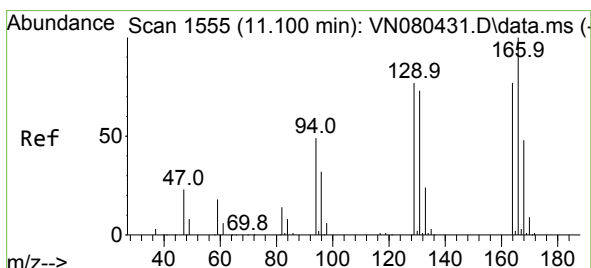
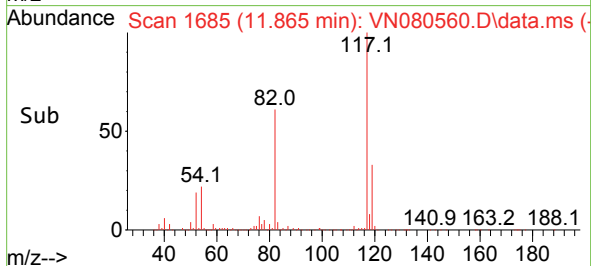
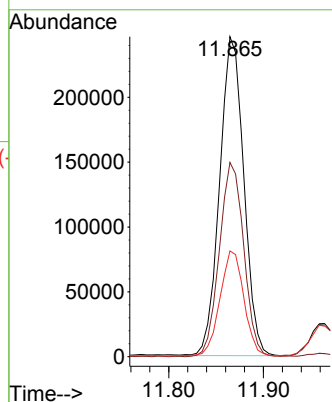
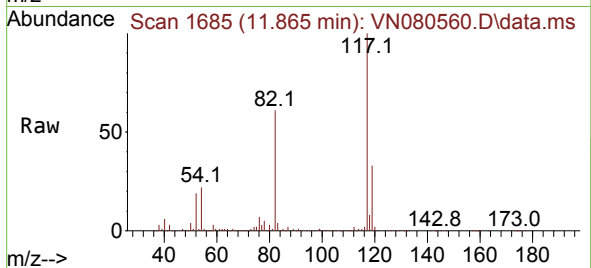
Tgt Ion:117 Resp: 436293

Ion Ratio Lower Upper

117 100

82 60.8 44.0 66.0

119 32.8 25.6 38.4



#64

Tetrachloroethene

Concen: 17.628 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Tgt Ion:164 Resp: 59380

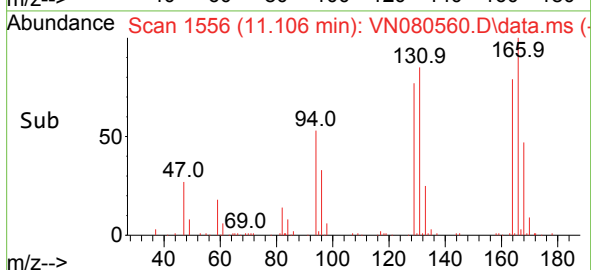
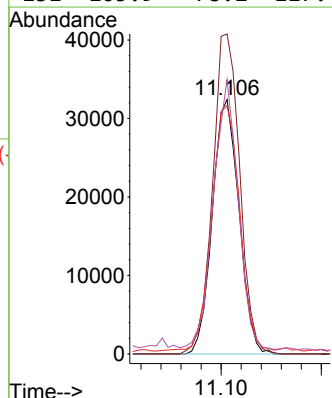
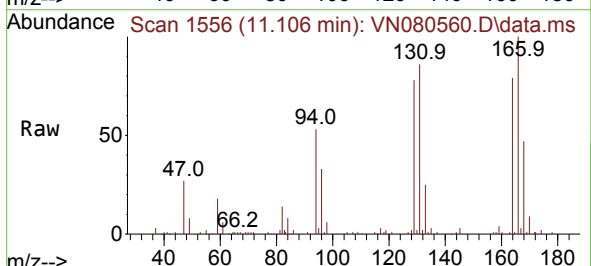
Ion Ratio Lower Upper

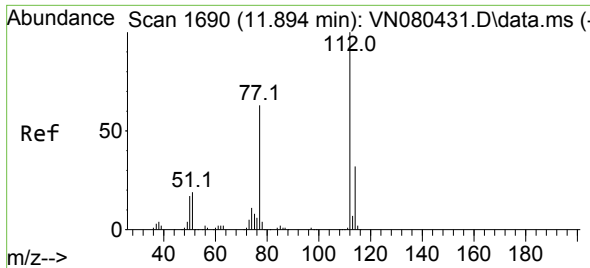
164 100

166 125.8 101.4 152.0

129 95.8 82.4 123.6

131 105.9 78.2 117.4

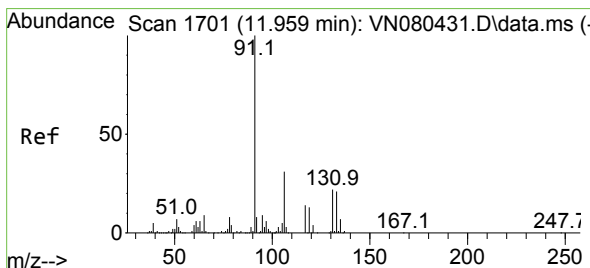
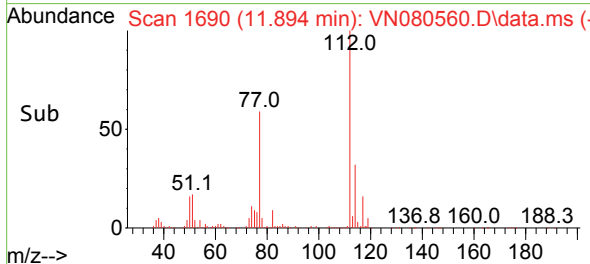
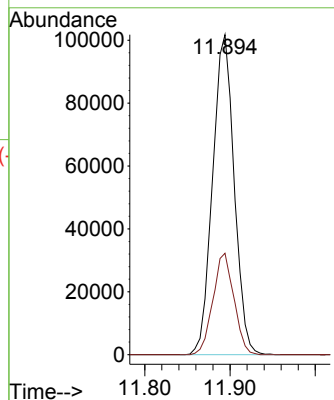
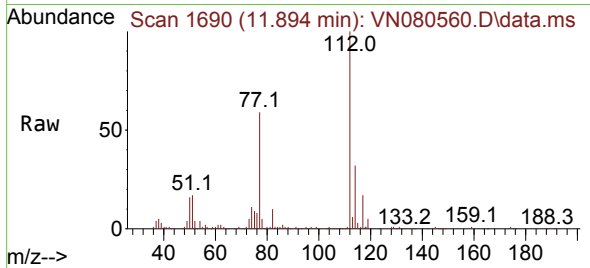




#65
Chlorobenzene
Concen: 18.416 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

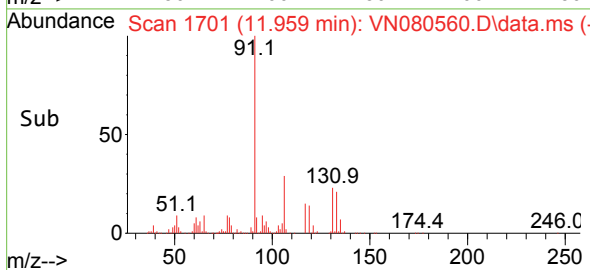
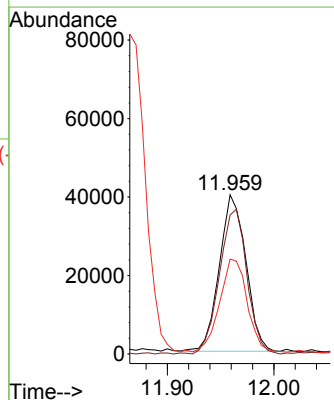
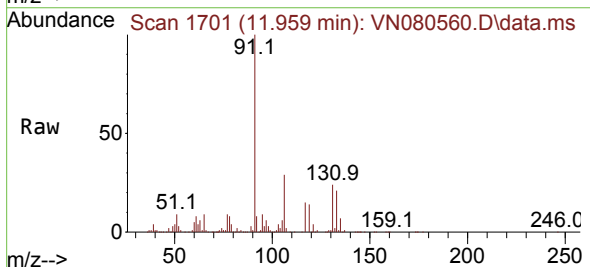
Instrument :
MSVOA_N
ClientSampleId :

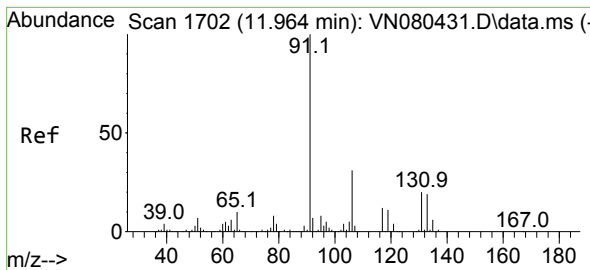
Tgt Ion:112 Resp: 178736
Ion Ratio Lower Upper
112 100
114 31.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 18.152 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion:131 Resp: 69129
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 61.3 34.1 102.2





#67

Ethyl Benzene

Concen: 17.969 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

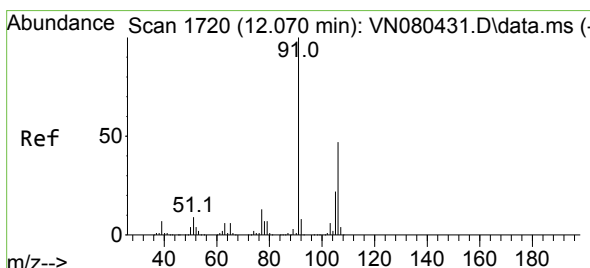
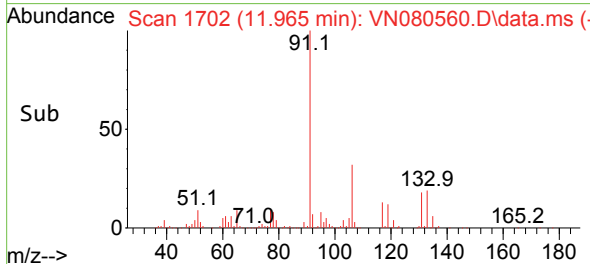
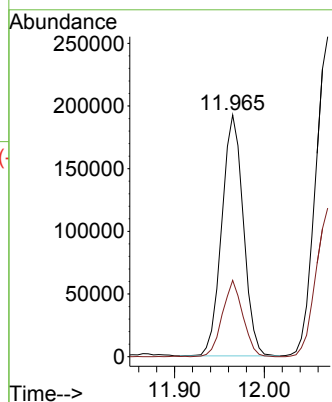
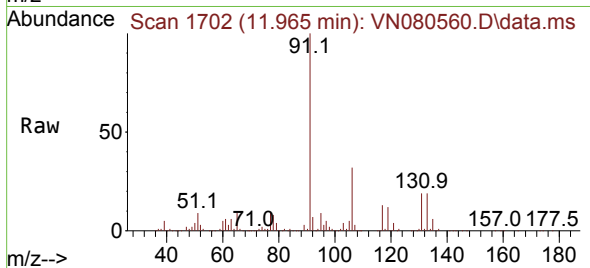
ClientSampleId :

Tgt Ion: 91 Resp: 320666

Ion Ratio Lower Upper

91 100

106 31.6 25.6 38.4



#68

m/p-Xylenes

Concen: 35.608 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN080560.D

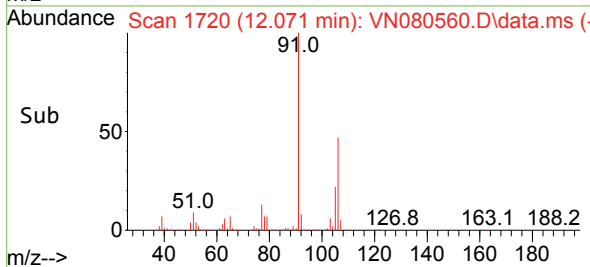
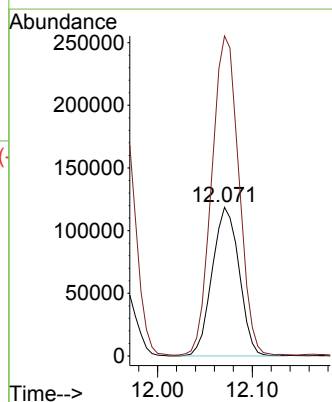
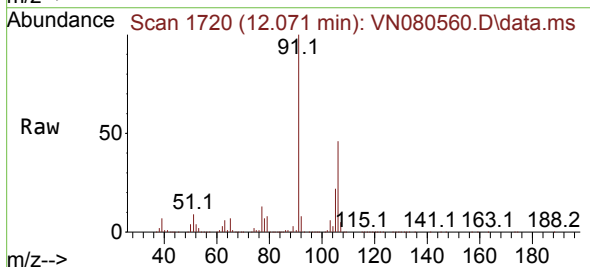
Acq: 20 Dec 2023 20:28

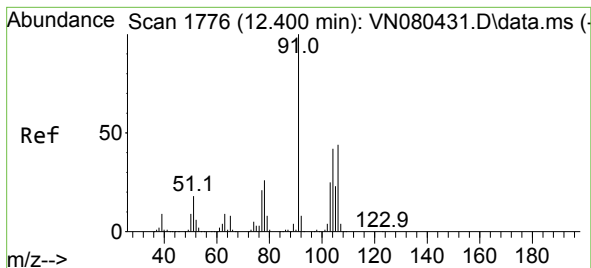
Tgt Ion:106 Resp: 234816

Ion Ratio Lower Upper

106 100

91 215.6 159.6 239.4

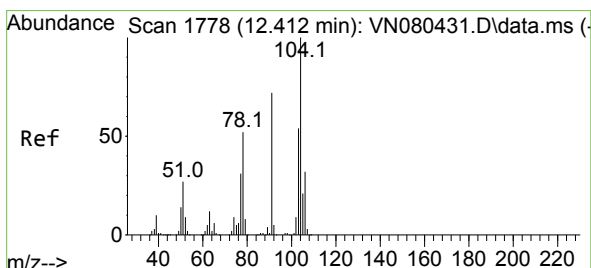
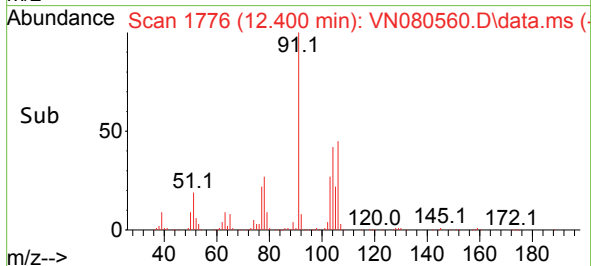
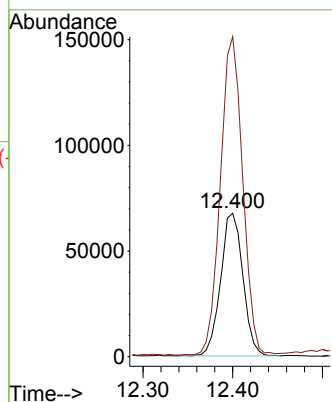
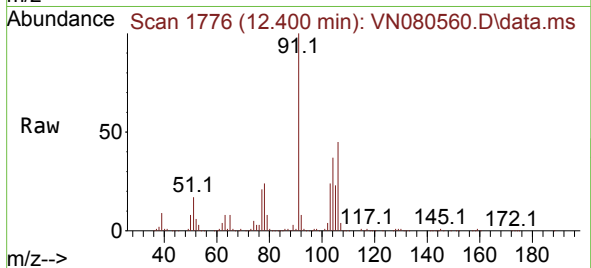




#69
o-Xylene
Concen: 18.027 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

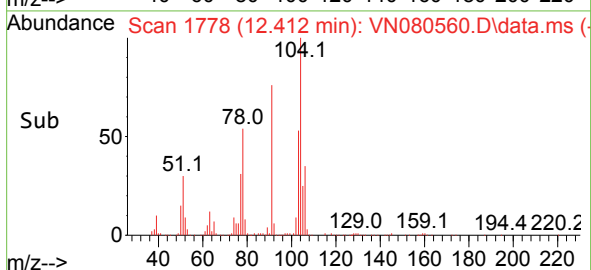
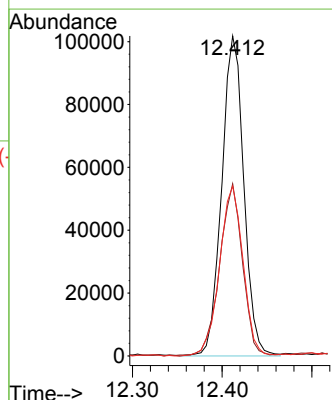
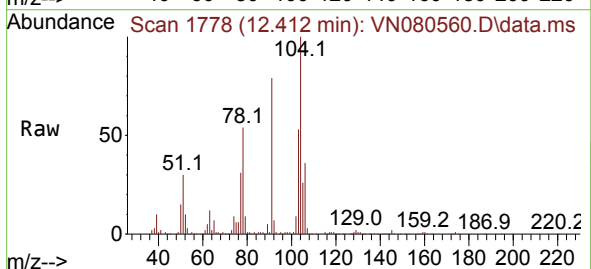
Instrument :
MSVOA_N
ClientSampleId :

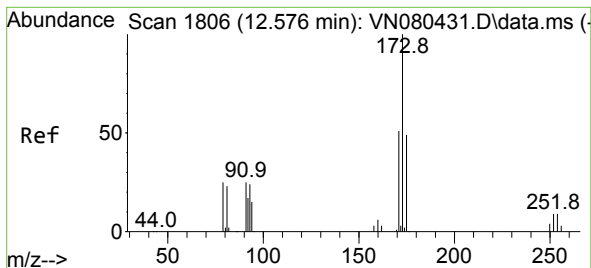
Tgt Ion:106 Resp: 116276
Ion Ratio Lower Upper
106 100
91 223.7 105.2 315.5



#70
Styrene
Concen: 18.752 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion:104 Resp: 174224
Ion Ratio Lower Upper
104 100
78 55.8 39.5 59.3
103 56.5 43.2 64.8





#71

Bromoform

Concen: 17.275 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

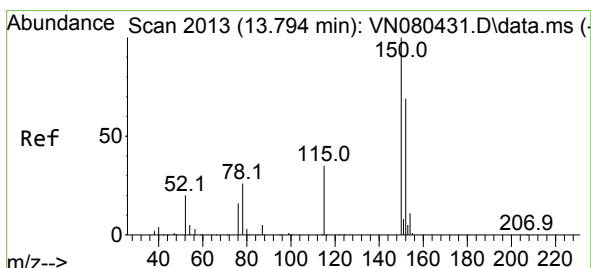
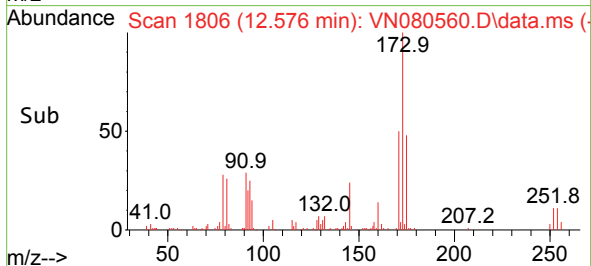
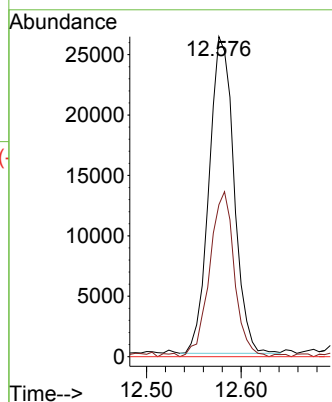
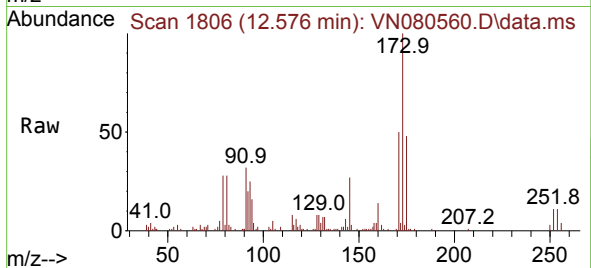
Tgt Ion:173 Resp: 47975

Ion Ratio Lower Upper

173 100

175 51.7 24.3 73.0

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: VN080560.D

Acq: 20 Dec 2023 20:28

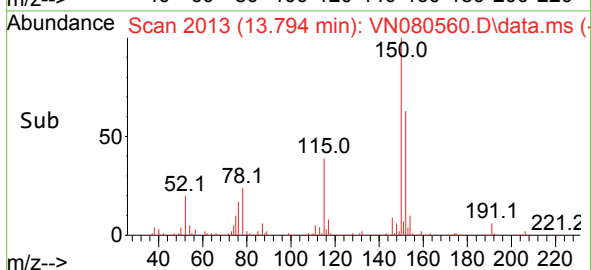
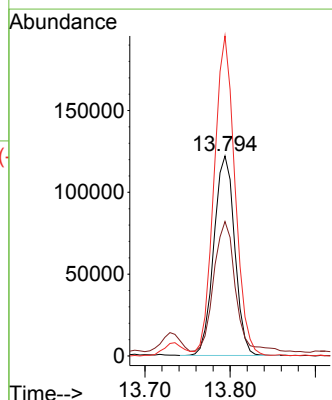
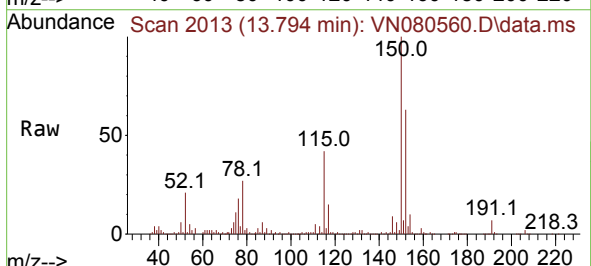
Tgt Ion:152 Resp: 207039

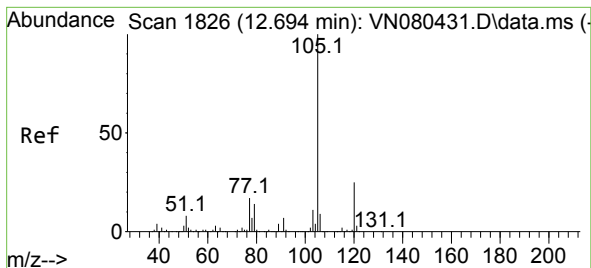
Ion Ratio Lower Upper

152 100

115 68.9 32.3 96.8

150 160.7 0.0 355.8





#73

Isopropylbenzene

Concen: 18.670 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

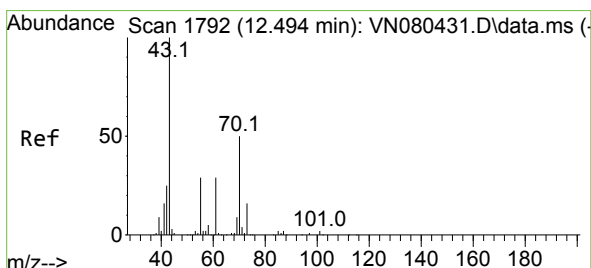
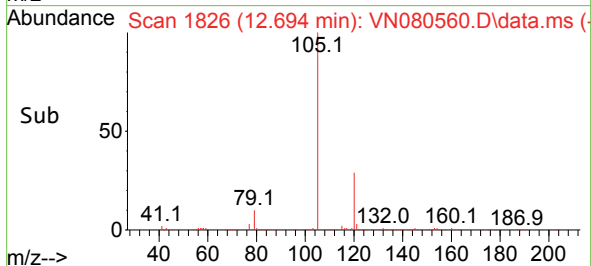
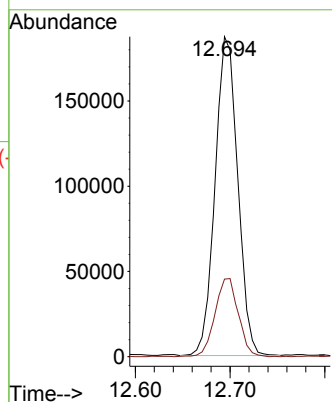
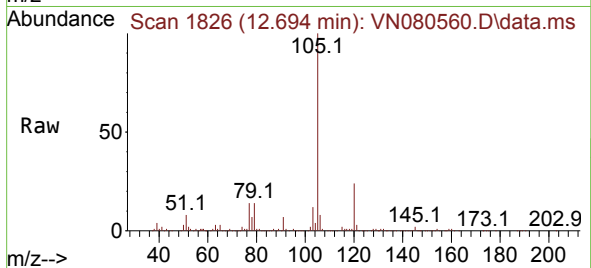
ClientSampleId :

Tgt Ion:105 Resp: 310526

Ion Ratio Lower Upper

105 100

120 25.3 13.1 39.1



#74

N-ethyl acetate

Concen: 18.939 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Tgt Ion: 43 Resp: 91986

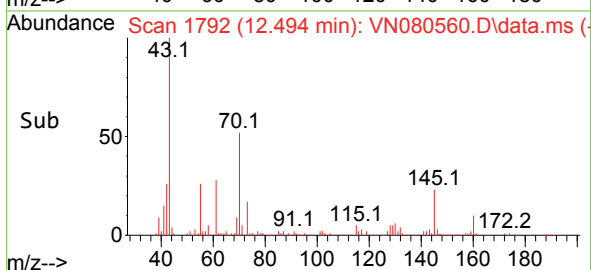
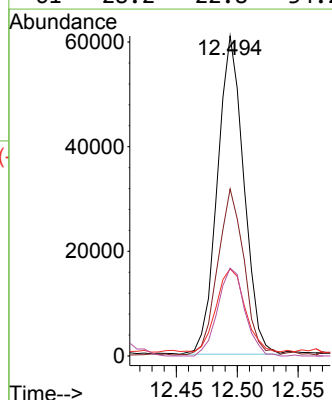
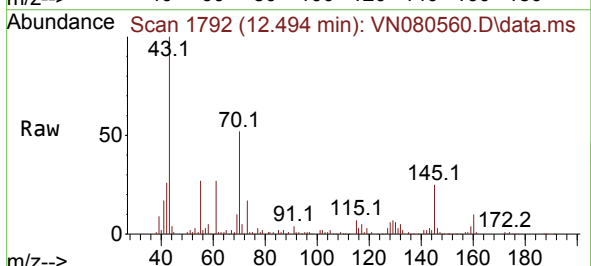
Ion Ratio Lower Upper

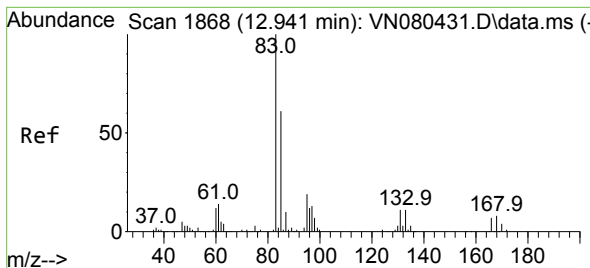
43 100

70 52.0 43.4 65.2

55 28.3 21.4 32.0

61 28.2 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.826 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

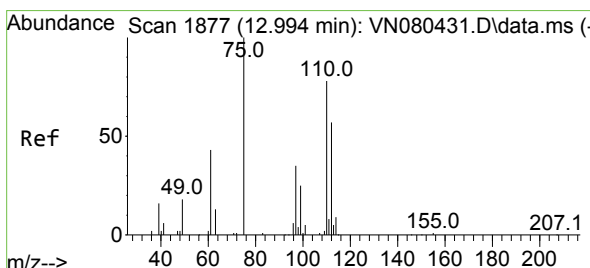
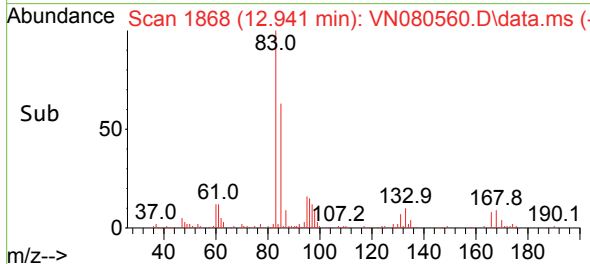
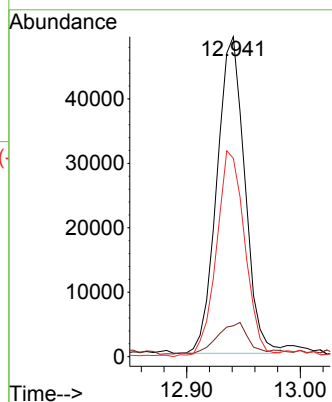
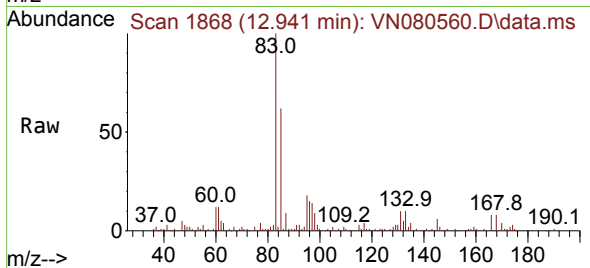
Tgt Ion: 83 Resp: 83903

Ion Ratio Lower Upper

83 100

131 11.5 5.0 15.0

85 66.4 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 26.926 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VN080560.D

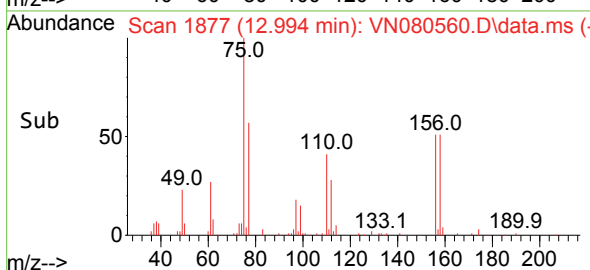
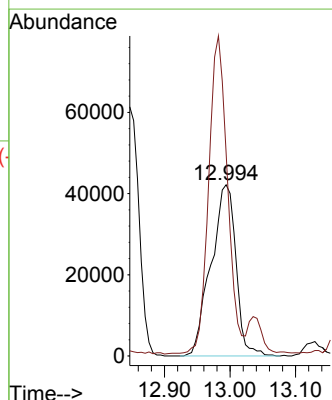
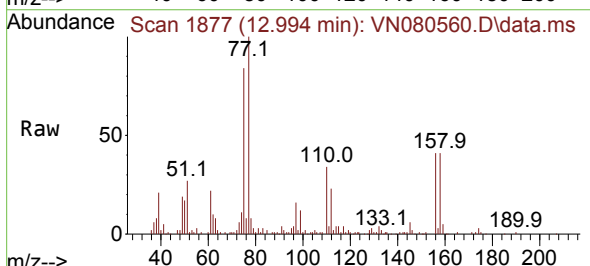
Acq: 20 Dec 2023 20:28

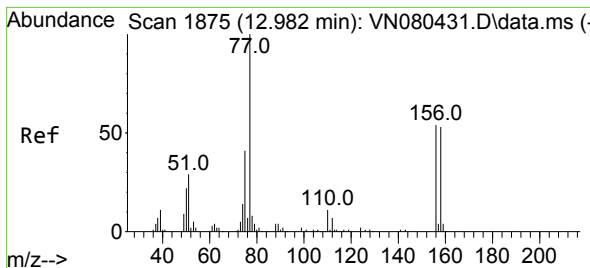
Tgt Ion: 75 Resp: 111213

Ion Ratio Lower Upper

75 100

77 141.3 84.5 253.5





#77

Bromobenzene

Concen: 17.497 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN080560.D

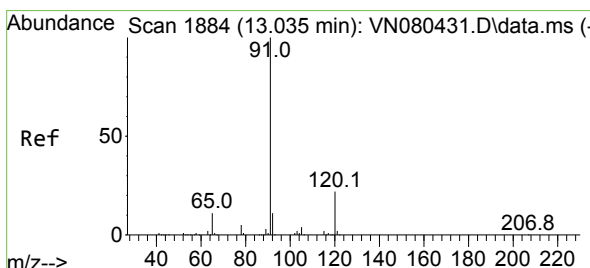
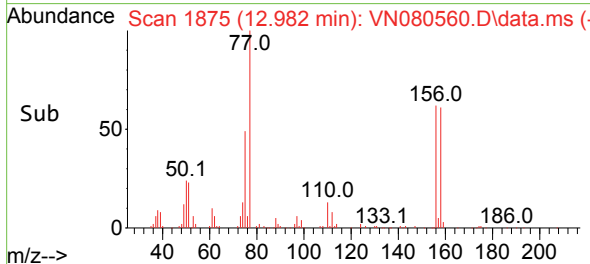
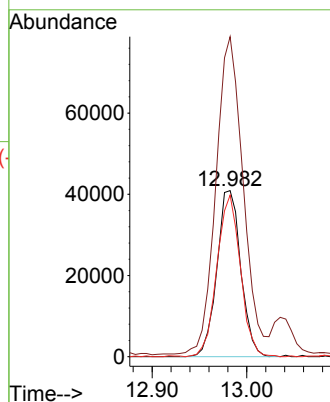
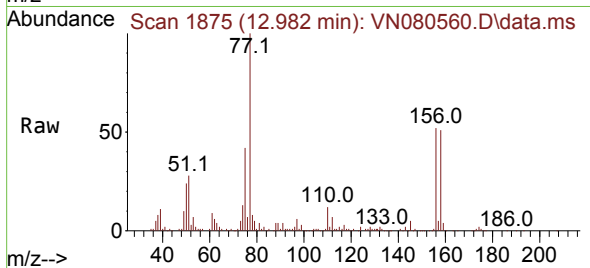
Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	156	Resp:	71587
Ion Ratio	Lower	Upper	
156	100		
77	219.5	107.7	323.3
158	95.7	48.4	145.3



#78

n-propylbenzene

Concen: 18.406 ug/l

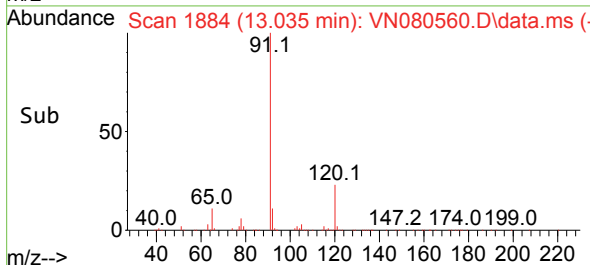
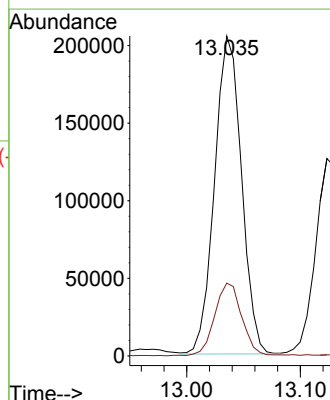
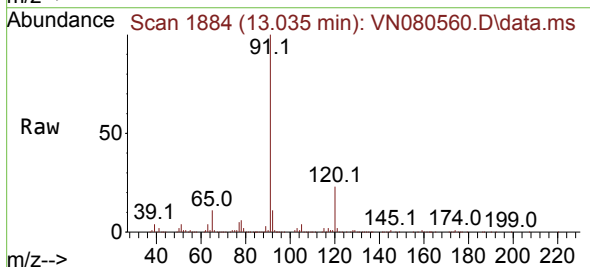
RT: 13.035 min Scan# 1884

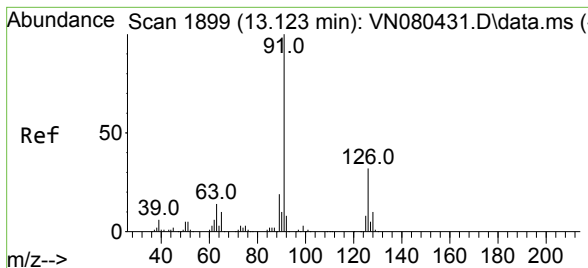
Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Tgt Ion:	91	Resp:	337523
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 18.249 ug/l

RT: 13.123 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

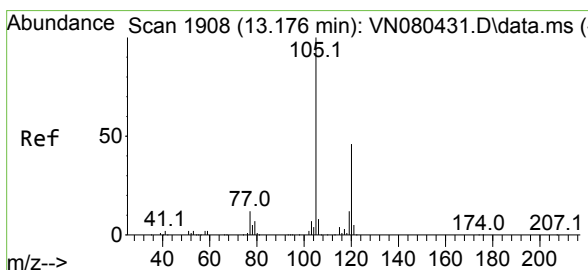
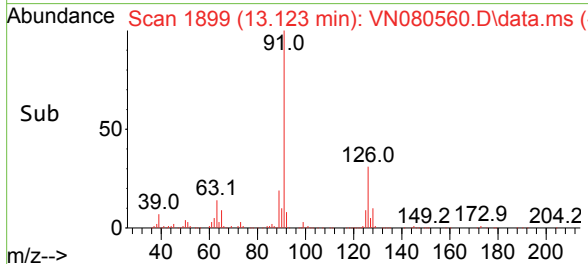
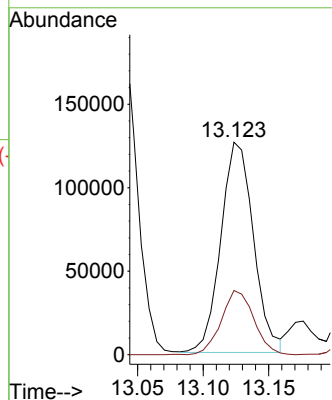
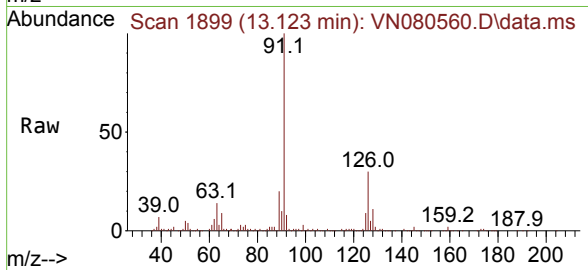
ClientSampleId :

Tgt Ion: 91 Resp: 218481

Ion Ratio Lower Upper

91 100

126 30.4 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 18.553 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN080560.D

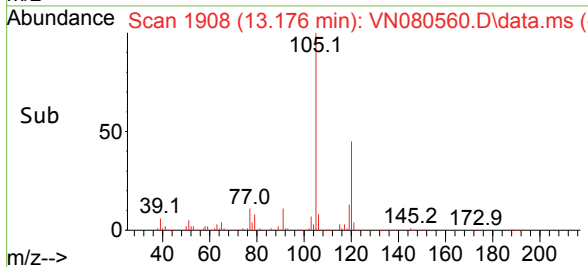
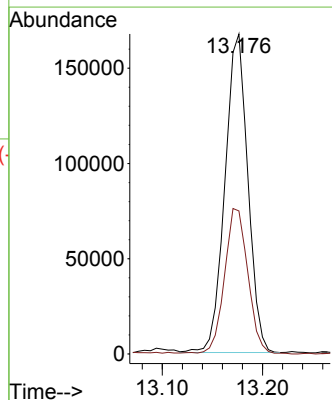
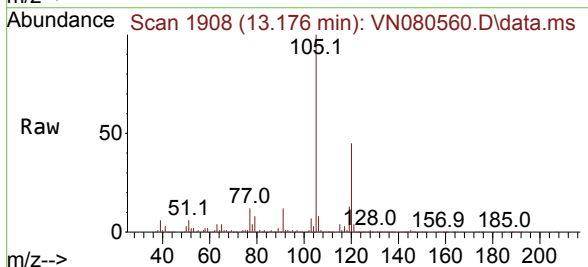
Acq: 20 Dec 2023 20:28

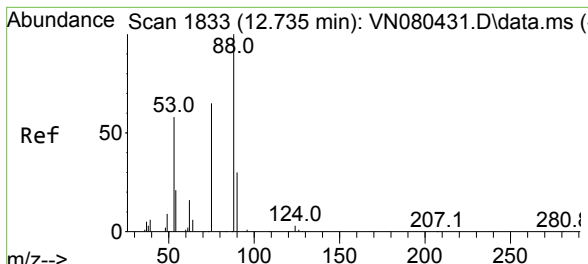
Tgt Ion: 105 Resp: 265757

Ion Ratio Lower Upper

105 100

120 46.8 24.1 72.3

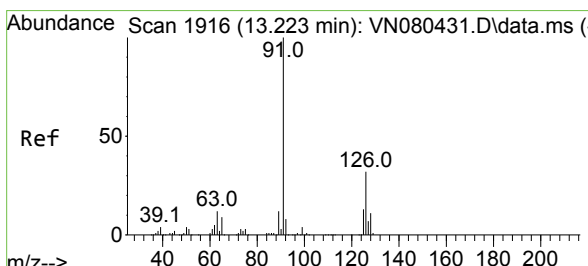
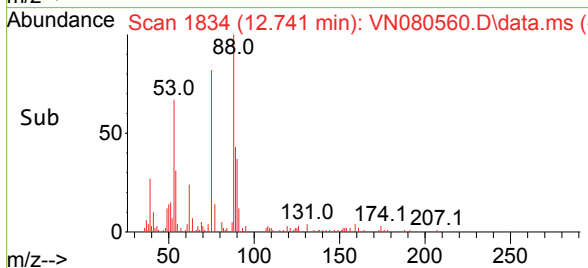
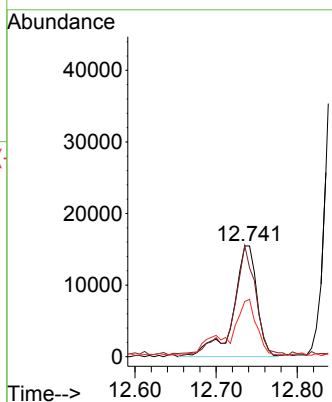
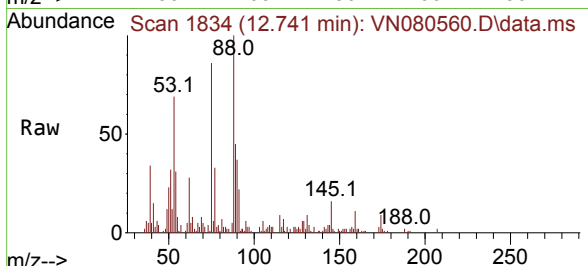




#81
trans-1,4-Dichloro-2-butene
Concen: 19.998 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

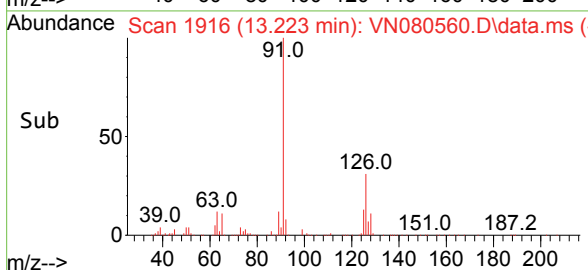
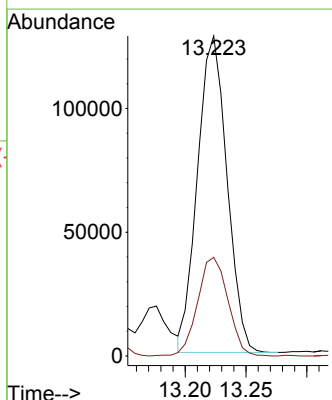
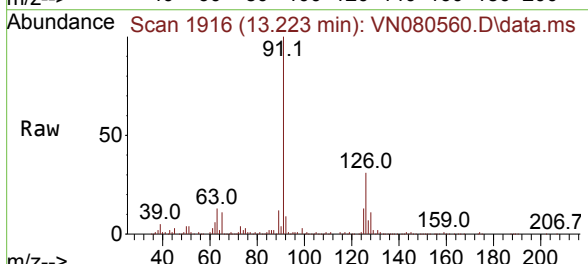
Instrument :
MSVOA_N
ClientSampleId :

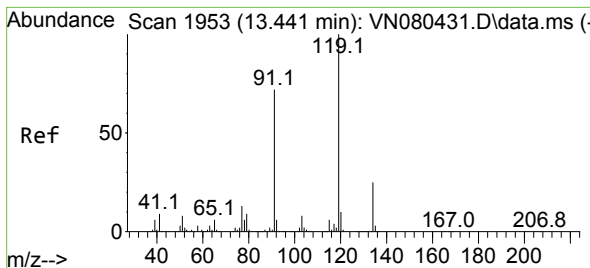
Tgt Ion:	75	Resp:	31459
Ion	Ratio	Lower	Upper
75	100		
53	80.9	67.4	101.2
89	39.5	38.8	58.2



#82
4-Chlorotoluene
Concen: 17.520 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion:	91	Resp:	215595
Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.7	50.0





#83

tert-Butylbenzene

Concen: 18.180 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

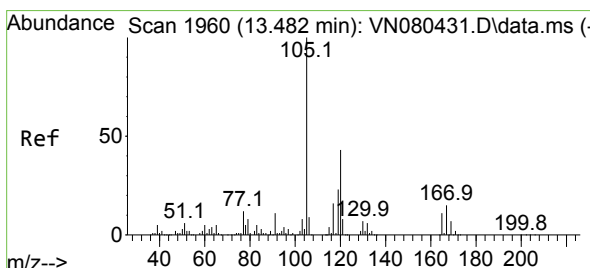
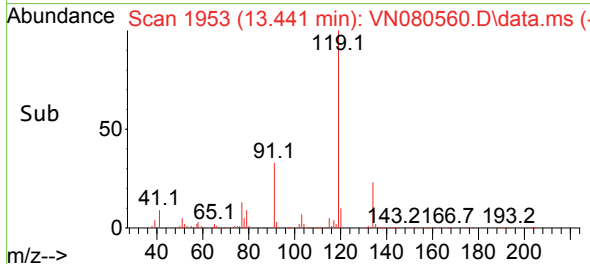
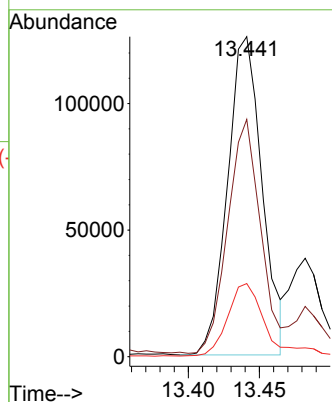
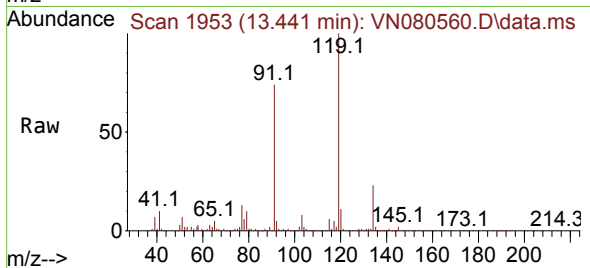
Tgt Ion:119 Resp: 213268

Ion Ratio Lower Upper

119 100

91 69.4 33.9 101.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 18.490 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080560.D

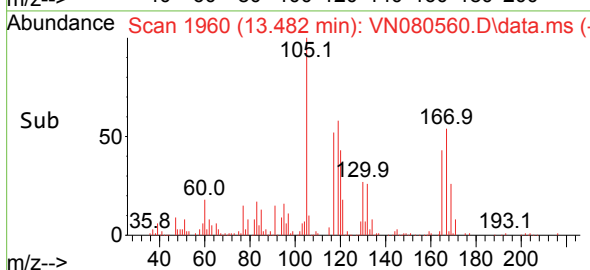
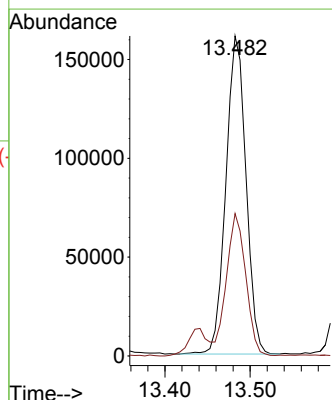
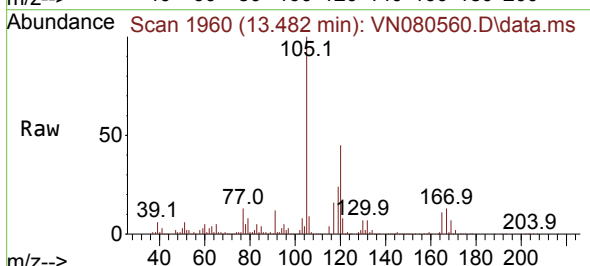
Acq: 20 Dec 2023 20:28

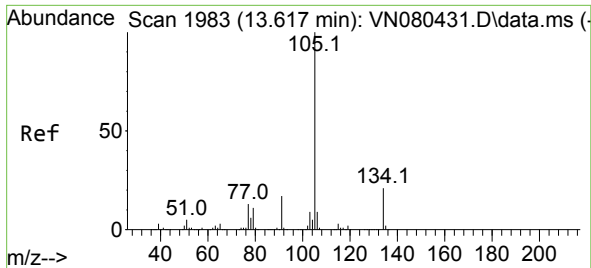
Tgt Ion:105 Resp: 263482

Ion Ratio Lower Upper

105 100

120 42.4 22.0 66.0

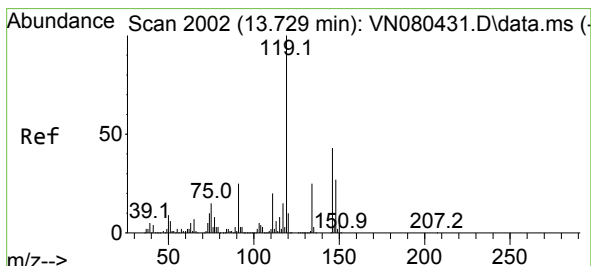
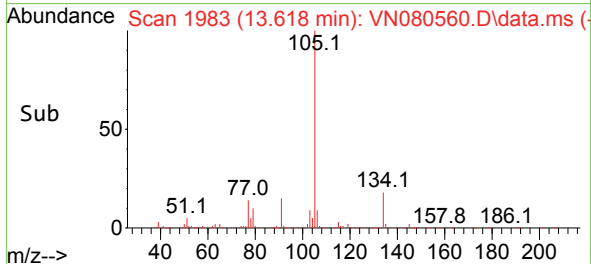
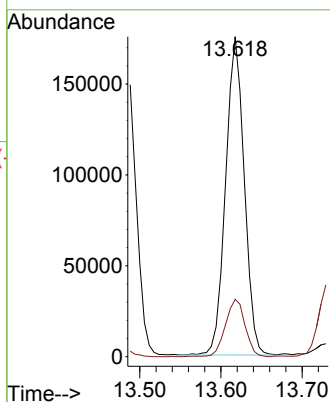
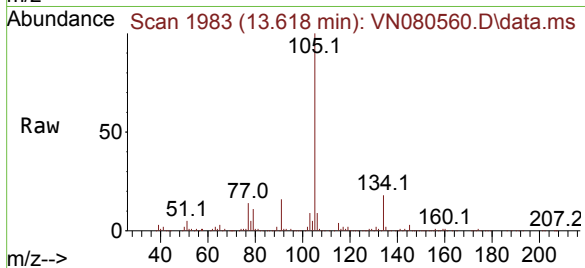




#85
 sec-Butylbenzene
 Concen: 18.616 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

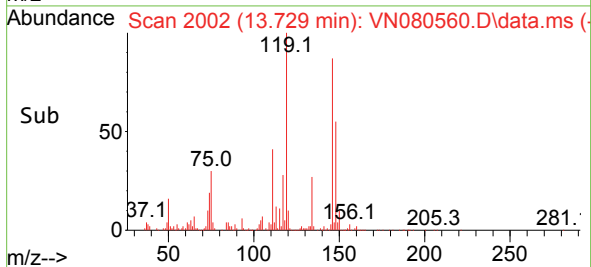
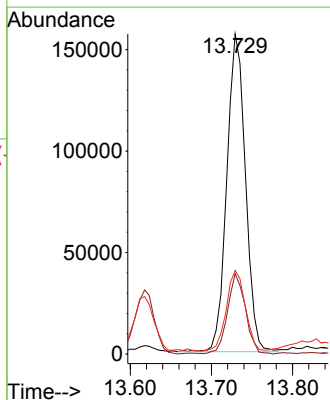
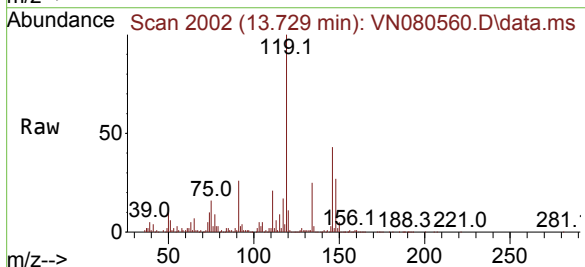
Instrument :
 MSVOA_N
 ClientSampleId :

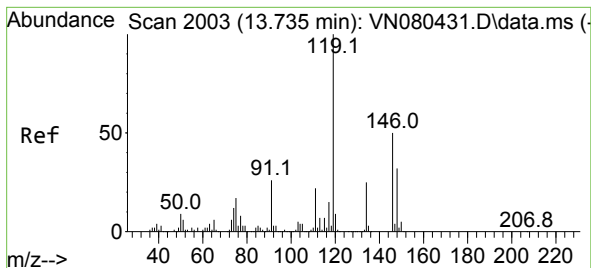
Tgt Ion:105 Resp: 279363
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.520 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

Tgt Ion:119 Resp: 250946
 Ion Ratio Lower Upper
 119 100
 134 24.1 12.6 37.8
 91 25.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.690 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

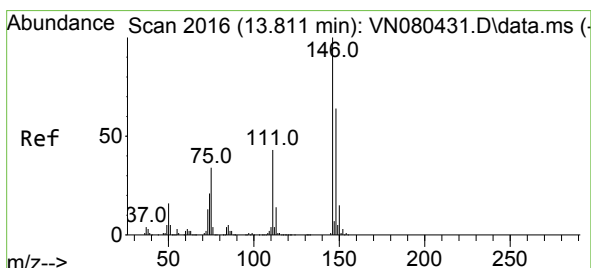
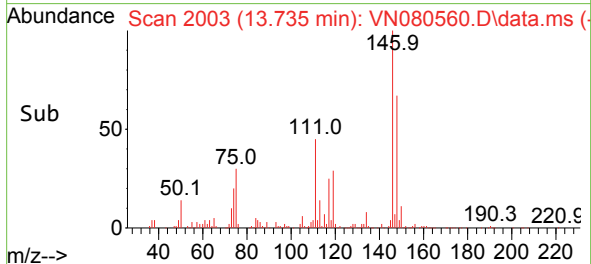
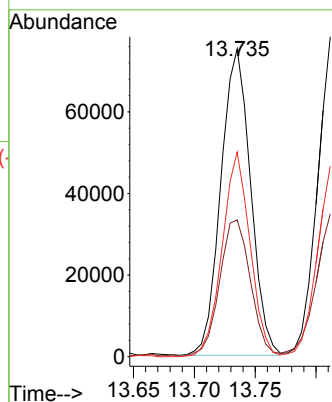
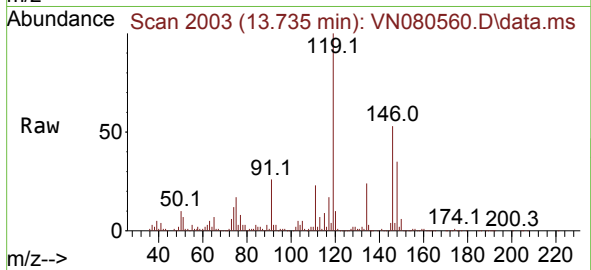
Tgt Ion:146 Resp: 127520

Ion Ratio Lower Upper

146 100

111 46.1 22.1 66.3

148 62.7 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 17.373 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

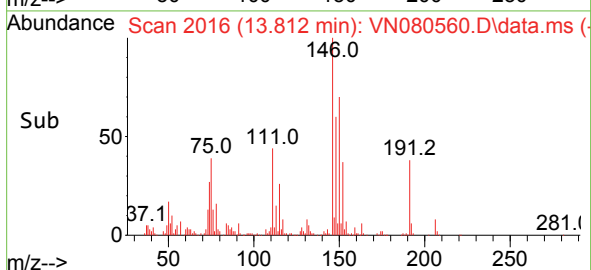
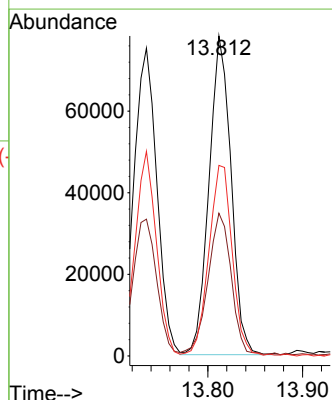
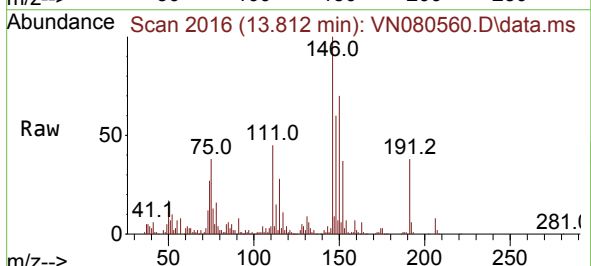
Tgt Ion:146 Resp: 126414

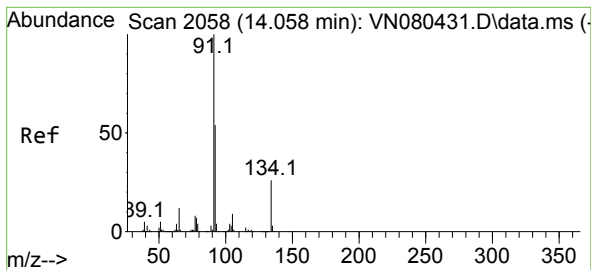
Ion Ratio Lower Upper

146 100

111 46.5 20.6 61.8

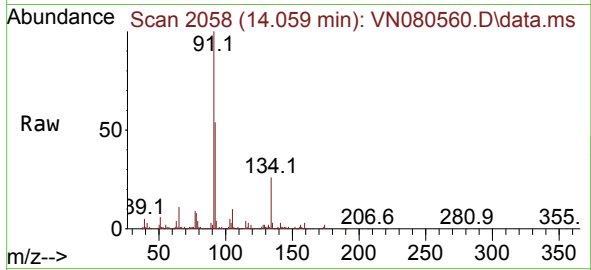
148 63.0 31.6 94.8



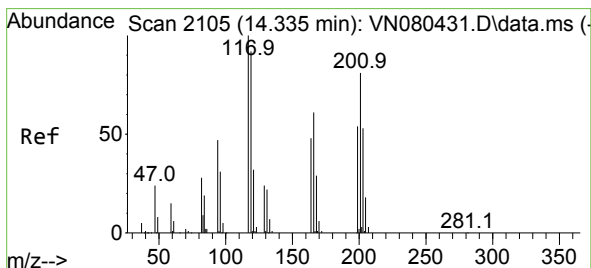
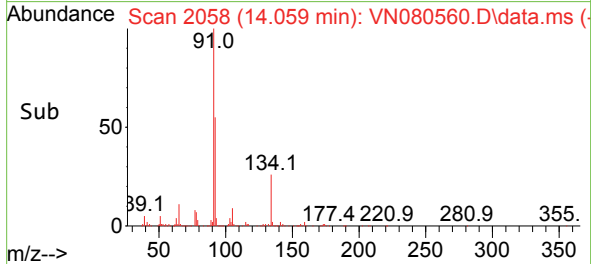
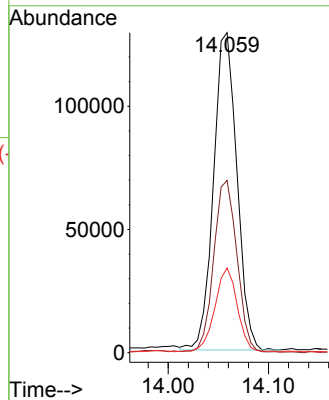


#89
n-Butylbenzene
Concen: 18.410 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Instrument :
MSVOA_N
ClientSampleId :

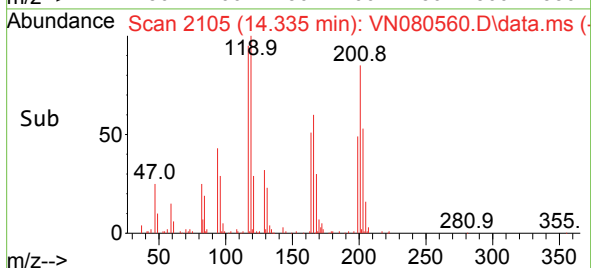
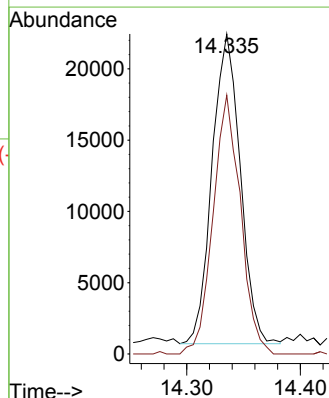
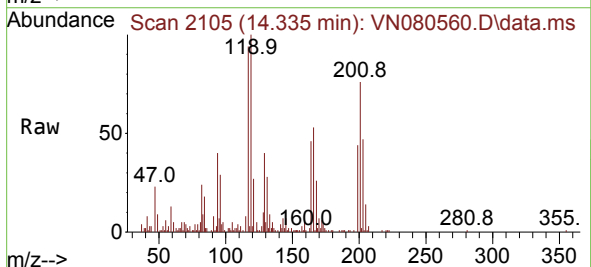


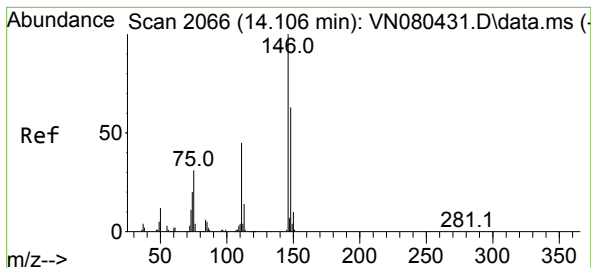
Tgt Ion: 91 Resp: 208323
Ion Ratio Lower Upper
91 100
92 54.4 26.4 79.0
134 25.8 12.6 37.6



#90
Hexachloroethane
Concen: 17.424 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080560.D
Acq: 20 Dec 2023 20:28

Tgt Ion: 117 Resp: 37495
Ion Ratio Lower Upper
117 100
201 81.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.086 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :

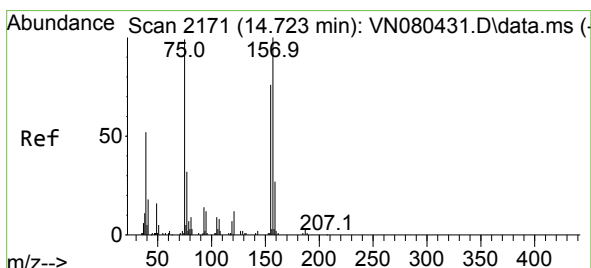
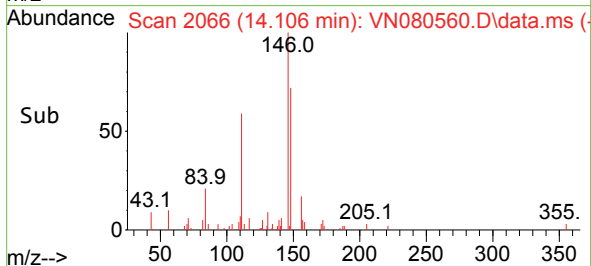
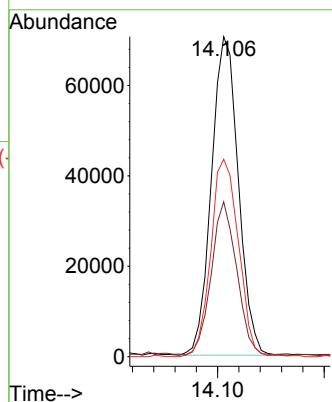
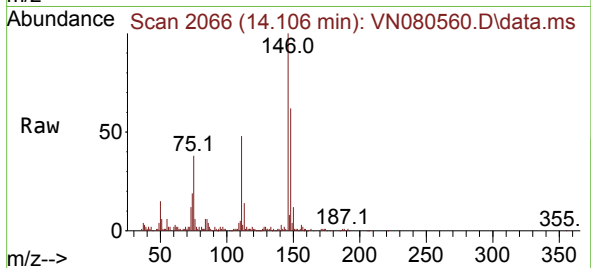
Tgt Ion:146 Resp: 123800

Ion Ratio Lower Upper

146 100

111 46.0 22.0 66.0

148 63.9 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.727 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

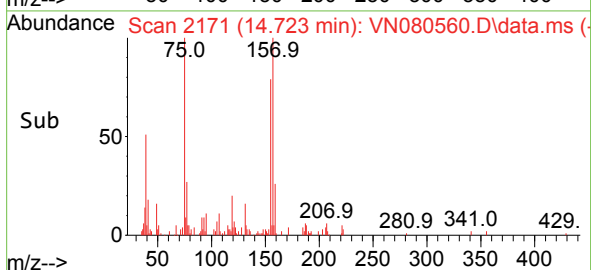
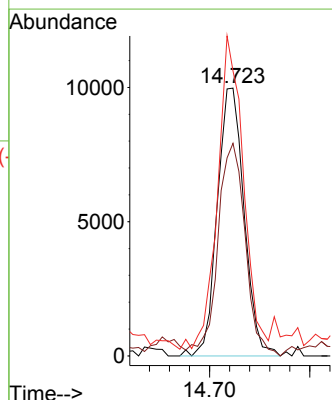
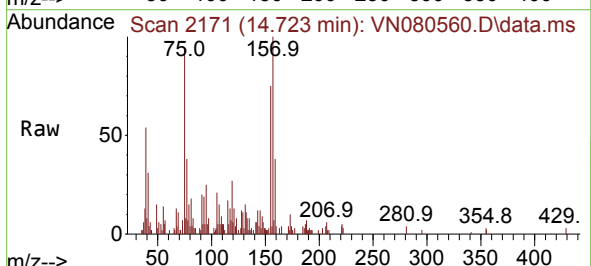
Tgt Ion: 75 Resp: 18493

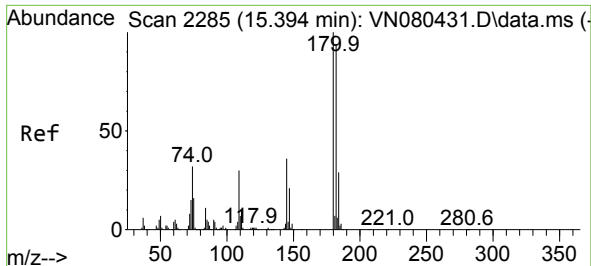
Ion Ratio Lower Upper

75 100

155 81.2 39.1 117.2

157 112.2 50.3 150.9

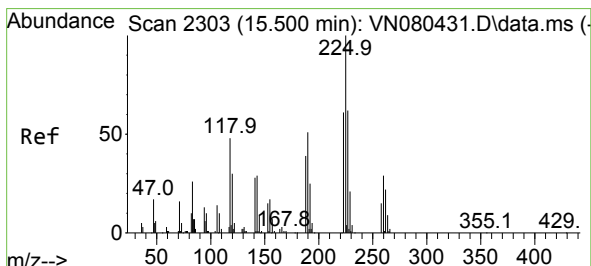
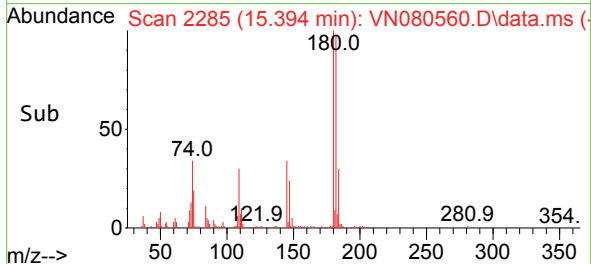
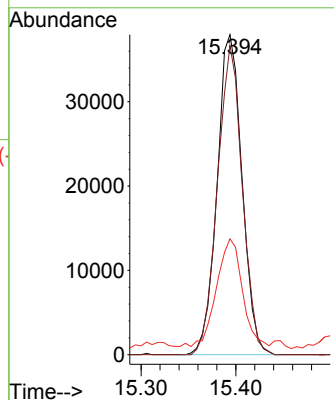
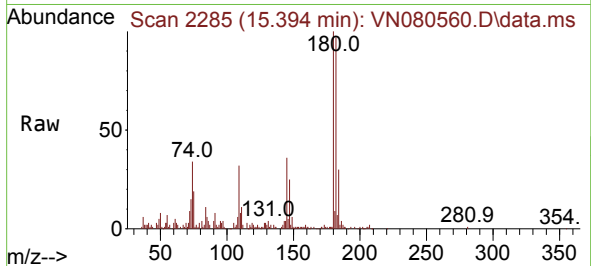




#93
 1,2,4-Trichlorobenzene
 Concen: 18.282 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

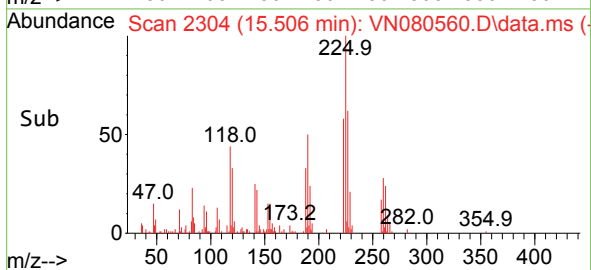
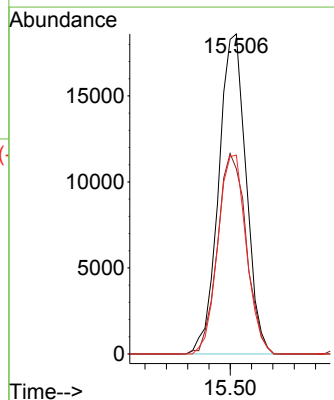
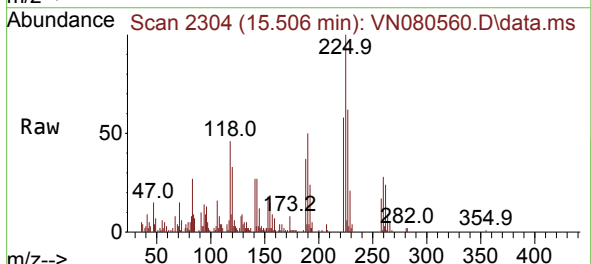
Instrument :
 MSVOA_N
 ClientSampleId :

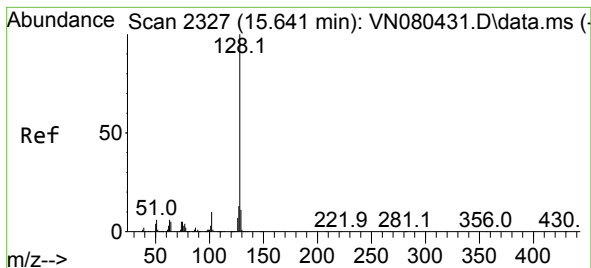
Tgt Ion:180 Resp: 69480
 Ion Ratio Lower Upper
 180 100
 182 96.0 46.1 138.2
 145 36.7 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 15.336 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN080560.D
 Acq: 20 Dec 2023 20:28

Tgt Ion:225 Resp: 33183
 Ion Ratio Lower Upper
 225 100
 223 65.7 31.3 93.8
 227 64.4 31.9 95.9





#95

Naphthalene

Concen: 20.319 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

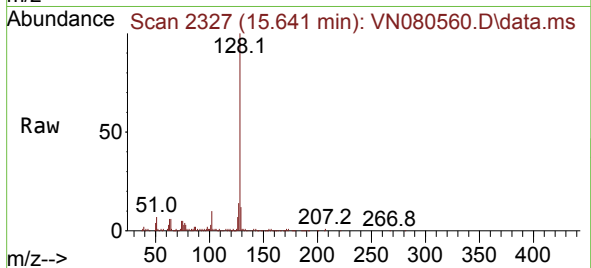
Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Instrument :

MSVOA_N

ClientSampleId :



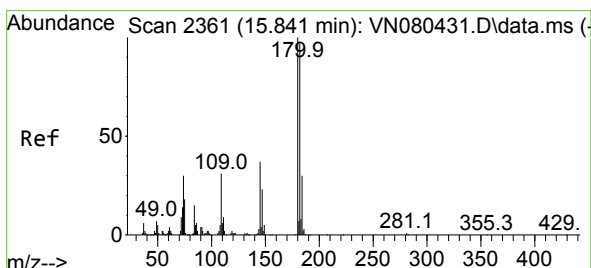
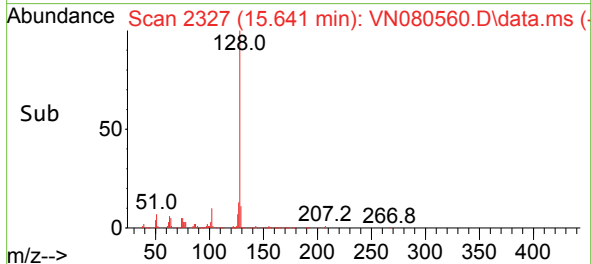
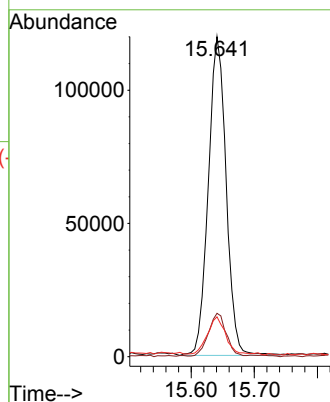
Tgt Ion:128 Resp: 234502

Ion Ratio Lower Upper

128 100

127 13.8 10.0 15.0

129 11.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.174 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VN080560.D

Acq: 20 Dec 2023 20:28

Tgt Ion:180 Resp: 66653

Ion Ratio Lower Upper

180 100

182 94.8 46.2 138.6

145 38.9 17.5 52.6

