

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080253.D
 Acq On : 24 Nov 2023 10:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 27 03:55:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	39727	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	213235	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	197311	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	108566	32.556	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 108.533%	
60) 4-Bromofluorobenzene	12.853	95	103885	32.924	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 109.733%	
63) Toluene-d8	10.571	98	288229	30.830	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.767%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	62845	24.262	ug/l	92
3) Chloromethane	2.359	50	42703	13.086	ug/l	94
4) Vinyl Chloride	2.518	62	49604	18.191	ug/l	100
5) Bromomethane	2.965	94	32292	21.629	ug/l	95
6) Chloroethane	3.124	64	31664	19.992	ug/l	98
7) Trichlorofluoromethane	3.501	101	107951	26.378	ug/l	99
8) Diethyl Ether	3.959	74	28260	19.236	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	48144	20.823	ug/l	88
10) 1,1-Dichloroethene	4.342	96	46800	22.881	ug/l	86
11) Methyl Iodide	4.589	142	56404	20.849	ug/l	90
12) Methyl Acetate	5.018	43	72952	13.757	ug/l #	89
13) Acrolein	4.177	56	35020	78.164	ug/l	98
14) Acrylonitrile	5.712	53	99031	78.625	ug/l	88
15) Acetone	4.430	58	36361	85.496	ug/l	81
16) Carbon Disulfide	4.712	76	125970	18.036	ug/l	96
17) Allyl chloride	5.024	41	51432	14.390	ug/l	95
18) Methylene Chloride	5.277	84	52312	19.071	ug/l #	84
19) trans-1,2-Dichloroethene	5.783	96	49283	19.439	ug/l	94
20) Diisopropyl ether	6.677	45	123849	14.828	ug/l #	93
21) 1,1-Dichloroethane	6.571	63	92045	18.463	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	56806	19.308	ug/l	96
23) tert-Butyl Alcohol	5.512	59	32073	94.340	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	158843	21.091	ug/l	97
25) Chloroform	7.971	83	109734	21.323	ug/l	95
26) Cyclohexane	8.259	56	65412	16.678	ug/l #	86
29) 1,1-Dichloropropene	8.371	75	74992	20.491	ug/l	100
30) 2-Butanone	7.483	43	127967	73.218	ug/l #	89
31) 2,2-Dichloropropane	7.494	77	93240	23.573	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	108223	25.904	ug/l	96
33) Carbon Tetrachloride	8.365	117	100101	27.259	ug/l	99
34) Benzene	8.606	78	212521	19.548	ug/l	96
35) Methacrylonitrile	7.783	41	26298	14.352	ug/l	87
36) 1,2-Dichloroethane	8.671	62	90517	23.006	ug/l	97
37) Trichloroethene	9.353	130	56385	21.567	ug/l	98
38) Methylcyclohexane	9.600	83	67616	19.677	ug/l	95
39) 1,2-Dichloropropane	9.624	63	49511	17.206	ug/l	100
40) Dibromomethane	9.712	93	39138	21.042	ug/l	93
41) Bromodichloromethane	9.888	83	87069	22.602	ug/l	99
42) Vinyl Acetate	6.606	43	324457	74.738	ug/l #	91

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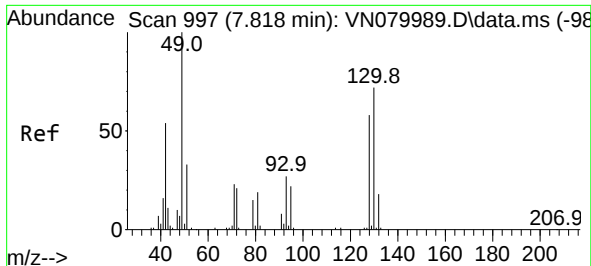
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49190	14.982	ug/l #	90
44) Isopropyl Acetate	8.688	43	82005	15.329	ug/l #	88
45) 1,4-Dioxane	9.694	88	15557	377.340	ug/l #	88
46) Methyl methacrylate	9.682	41	39693	15.435	ug/l	93
47) n-amyl Acetate	12.494	43	63812	14.850	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	83261	21.163	ug/l	97
49) cis-1,3-Dichloropropene	10.312	75	85555	19.671	ug/l	93
50) 1,1,2-Trichloroethane	11.018	97	52847	20.829	ug/l	93
51) Ethyl methacrylate	10.876	69	68438	18.767	ug/l	84
52) 1,3-Dichloropropane	11.165	76	87402	19.268	ug/l	96
53) Dibromochloromethane	11.359	129	64362	23.713	ug/l	100
54) 1,2-Dibromoethane	11.471	107	51691	20.289	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	133771	79.755	ug/l #	94
56) Bromoform	12.582	173	44551	25.048	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	247100	74.961	ug/l #	88
59) 2-Hexanone	11.200	43	189449	75.445	ug/l #	89
61) Tetrachloroethene	11.106	164	58721	25.384	ug/l	92
62) Toluene	10.635	91	234907	20.584	ug/l	99
64) Chlorobenzene	11.894	112	140271	20.597	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	60383	24.171	ug/l	94
66) Ethyl Benzene	11.965	91	251844	21.001	ug/l	99
67) m/p-Xylenes	12.071	106	195836	43.864	ug/l	89
68) o-Xylene	12.400	106	92107	21.524	ug/l	94
69) Styrene	12.412	104	154176	21.764	ug/l	94
70) Isopropylbenzene	12.700	105	240382	22.520	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	63667	17.512	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	90415	26.765	ug/l	74
73) Bromobenzene	12.982	156	58797	22.406	ug/l	91
74) n-propylbenzene	13.035	91	273359	21.407	ug/l	98
75) 2-Chlorotoluene	13.129	91	180490	22.237	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	213978	24.236	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	20616	18.638	ug/l	92
78) 4-Chlorotoluene	13.223	91	181339	22.495	ug/l	97
79) tert-butylbenzene	13.441	119	165912	23.996	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	212077	24.497	ug/l	98
81) sec-Butylbenzene	13.617	105	223697	22.920	ug/l	98
82) p-Isopropyltoluene	13.735	119	192497	24.285	ug/l	96
83) 1,3-Dichlorobenzene	13.735	146	107503	22.482	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	107058	22.810	ug/l	96
85) n-Butylbenzene	14.059	91	148174	22.351	ug/l	96
86) Hexachloroethane	14.335	117	35422	22.981	ug/l	77
87) 1,2-Dichlorobenzene	14.106	146	105212	23.031	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	14105	21.215	ug/l	99
89) 1,2,4-Trichlorobenzene	15.841	180	48365	22.853	ug/l	96
90) Hexachlorobutadiene	15.506	225	30775	29.505	ug/l	99
91) Naphthalene	15.647	128	129509	19.068	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	48365	22.853	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

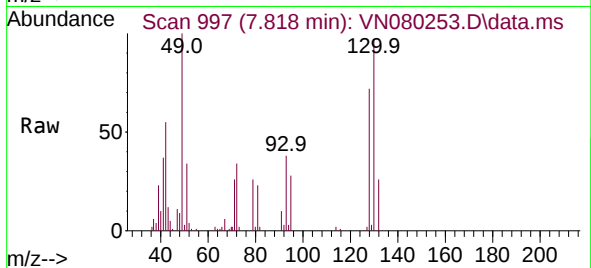
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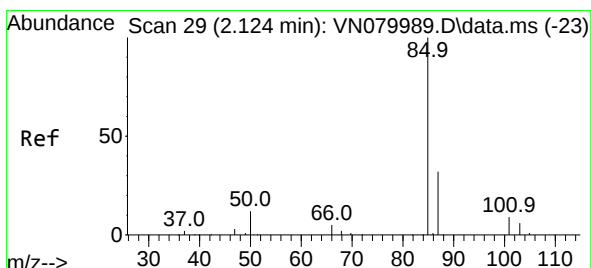
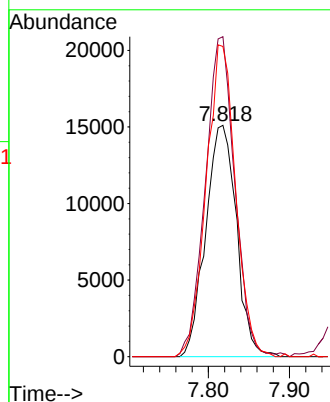
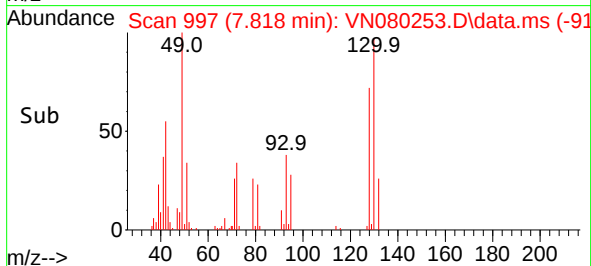


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

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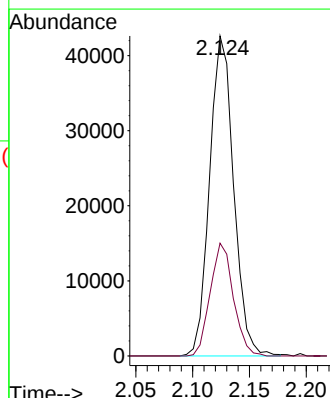
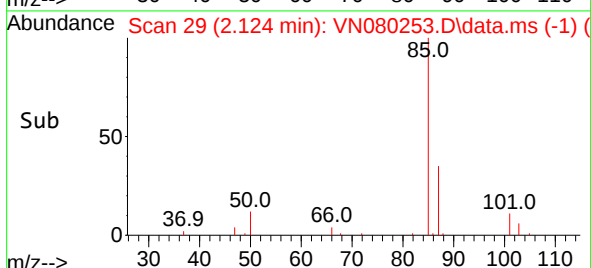
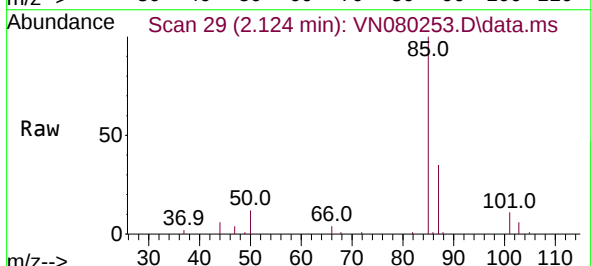


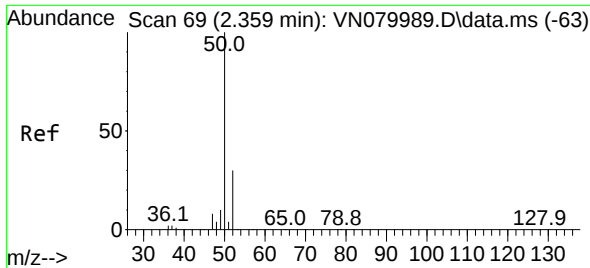
Tgt Ion:128 Resp: 39727
Ion Ratio Lower Upper
128 100
49 132.7 0.0 468.5
130 129.0 0.0 320.7



#2
Dichlorodifluoromethane
Concen: 24.262 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 85 Resp: 62845
Ion Ratio Lower Upper
85 100
87 35.3 15.6 46.7

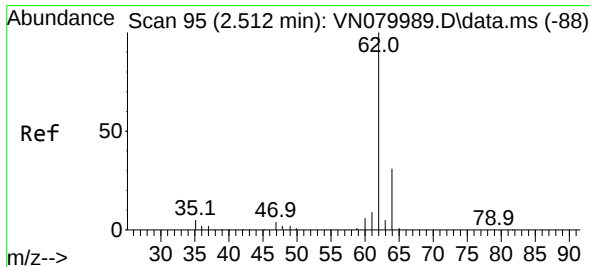
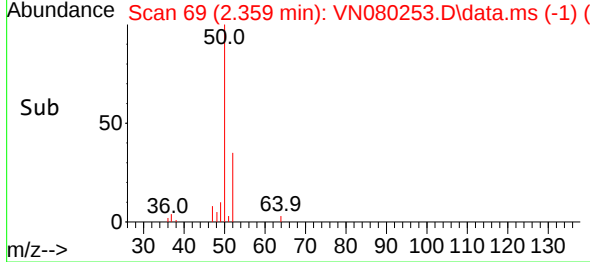
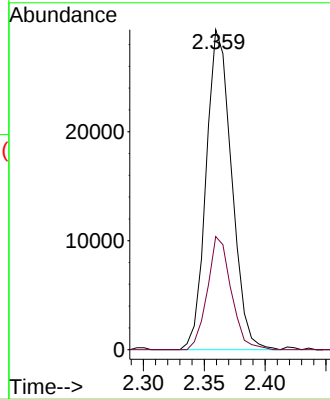
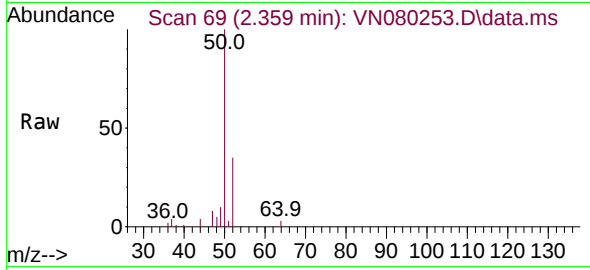




#3
Chloromethane
Concen: 13.086 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

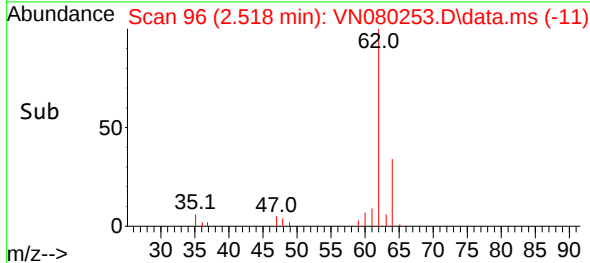
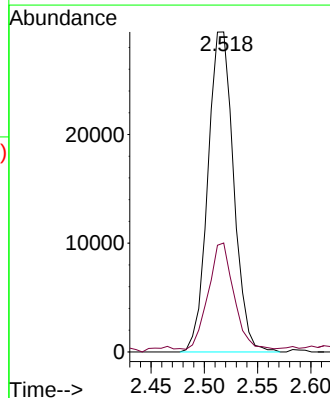
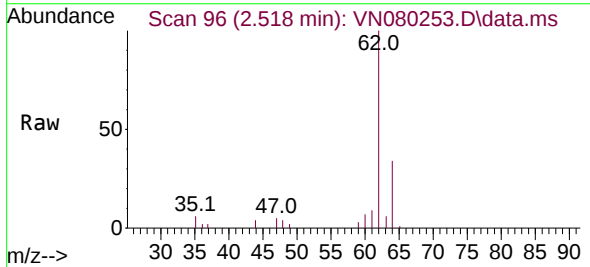
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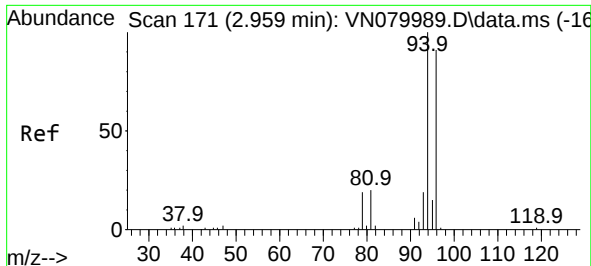
Tgt Ion: 50 Resp: 42703
Ion Ratio Lower Upper
50 100
52 35.3 25.6 38.4



#4
Vinyl Chloride
Concen: 18.191 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 62 Resp: 49604
Ion Ratio Lower Upper
62 100
64 33.0 26.4 39.6

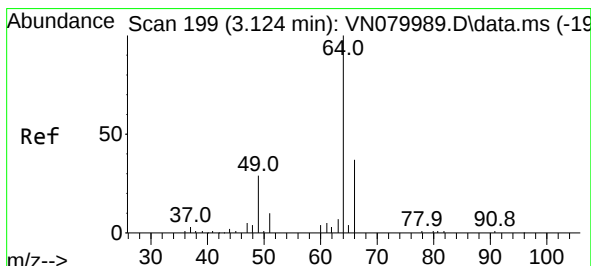
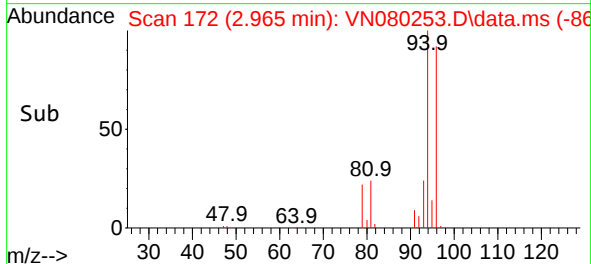
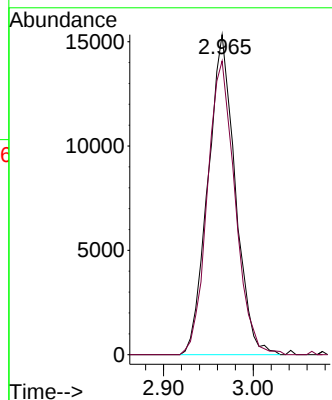
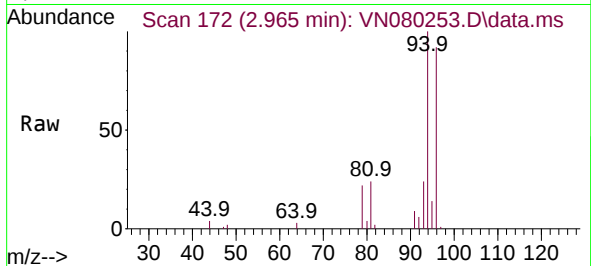




#5
Bromomethane
Concen: 21.629 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

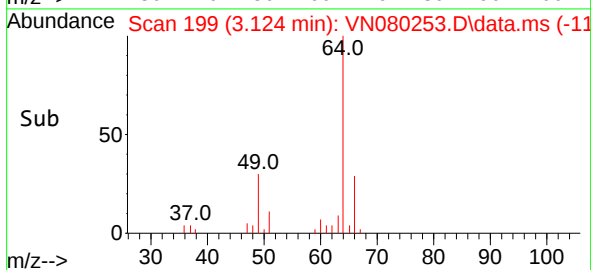
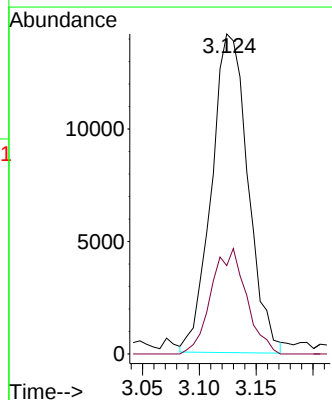
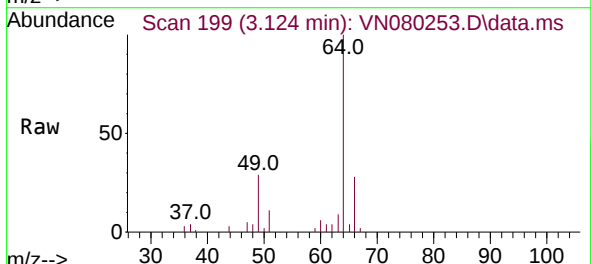
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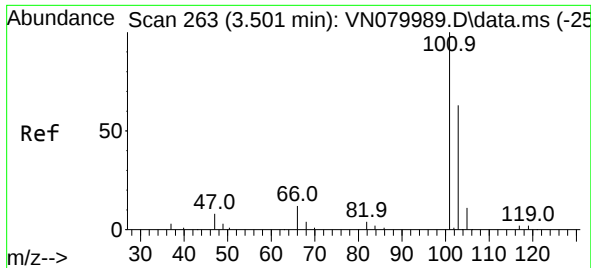
Tgt Ion: 94 Resp: 32292
Ion Ratio Lower Upper
94 100
96 91.8 77.8 116.6



#6
Chloroethane
Concen: 19.992 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 64 Resp: 31664
Ion Ratio Lower Upper
64 100
66 28.3 23.3 34.9

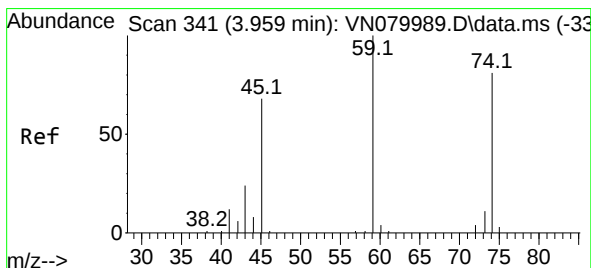
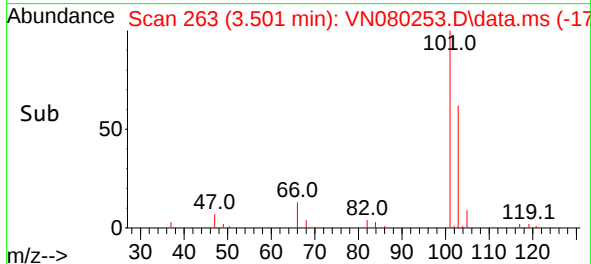
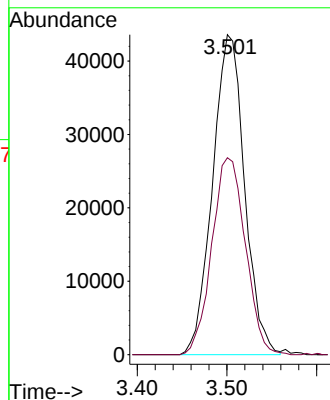
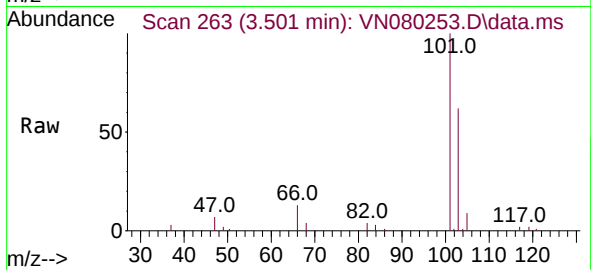




#7
 Trichlorofluoromethane
 Concen: 26.378 ug/l
 RT: 3.501 min Scan# 263
 Delta R.T. 0.001 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

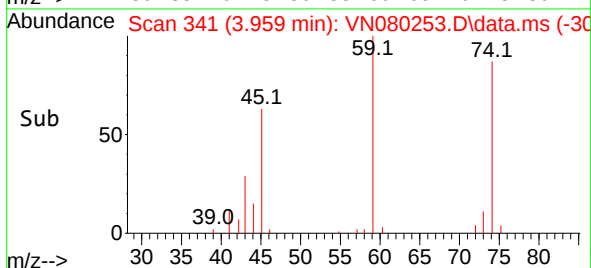
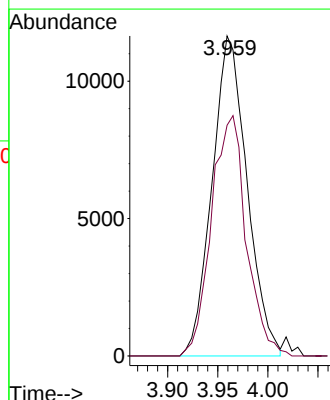
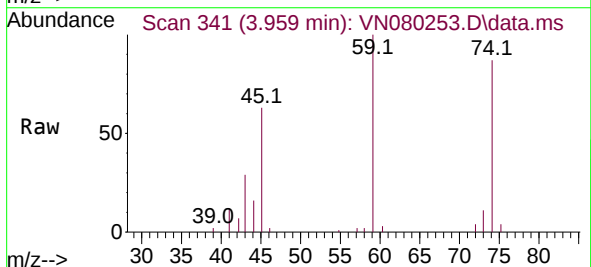
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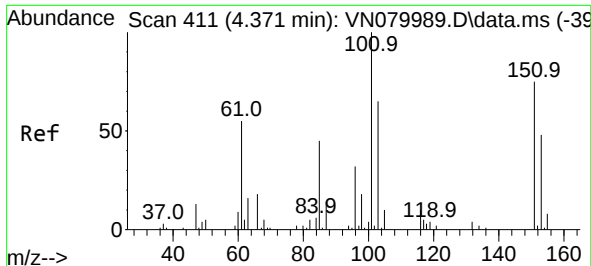
Tgt Ion:101 Resp: 107951
 Ion Ratio Lower Upper
 101 100
 103 61.6 49.9 74.9



#8
 Diethyl Ether
 Concen: 19.236 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

Tgt Ion: 74 Resp: 28260
 Ion Ratio Lower Upper
 74 100
 45 74.7 19.0 171.0

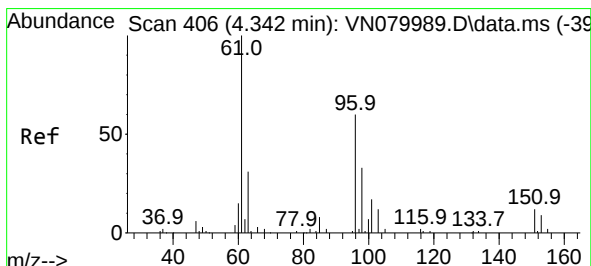
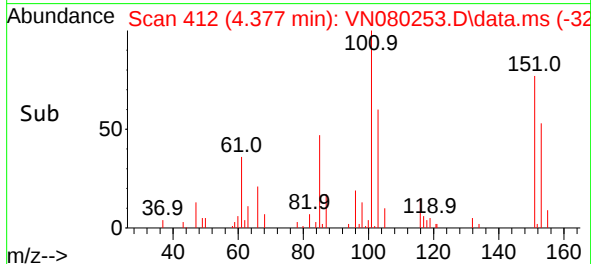
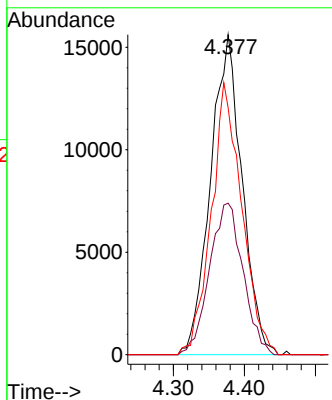
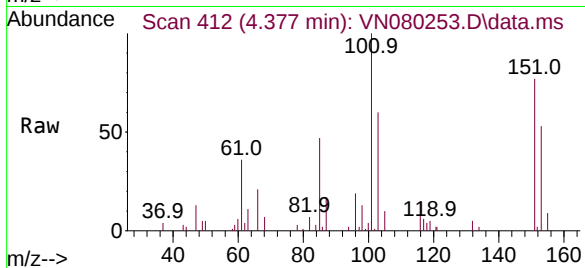




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.823 ug/l
 RT: 4.377 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VN080253.D
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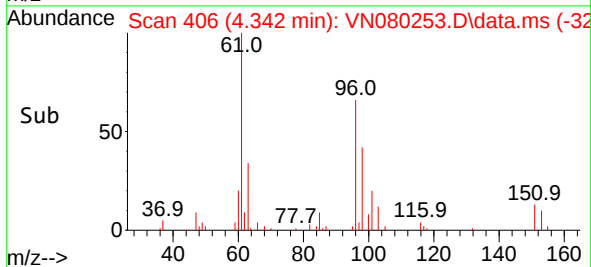
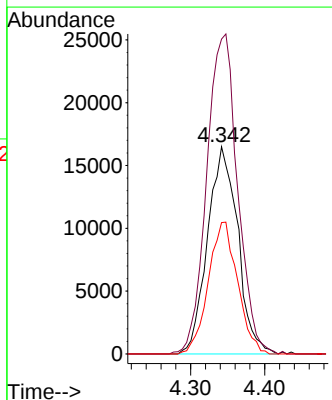
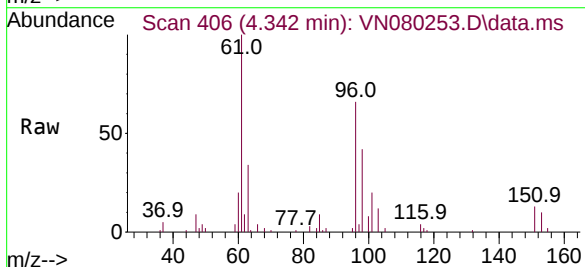
Instrument :
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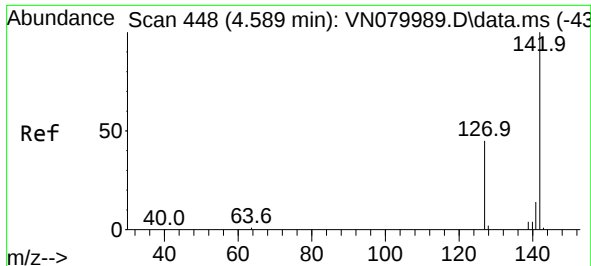
Tgt Ion:101 Resp: 48144
 Ion Ratio Lower Upper
 101 100
 85 50.3 0.0 92.0
 151 81.8 0.0 138.4



#10
 1,1-Dichloroethene
 Concen: 22.881 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.001 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

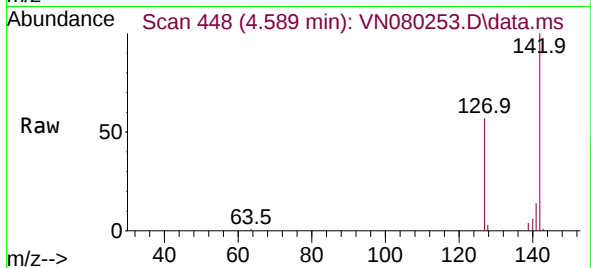
Tgt Ion: 96 Resp: 46800
 Ion Ratio Lower Upper
 96 100
 61 151.9 141.3 211.9
 98 63.4 53.2 79.8



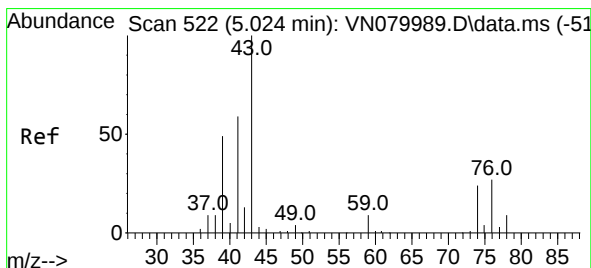
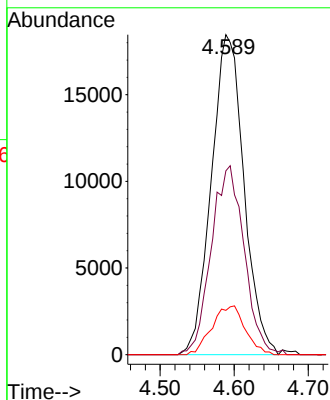
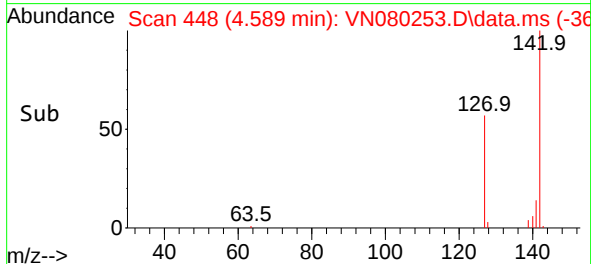


#11
Methyl Iodide
Concen: 20.849 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.005 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :

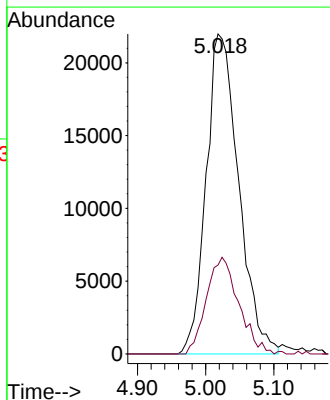
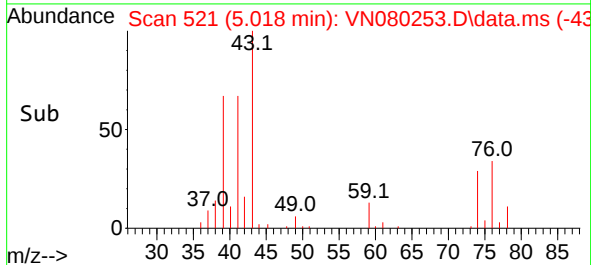
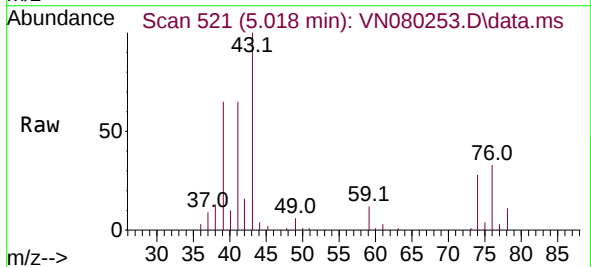


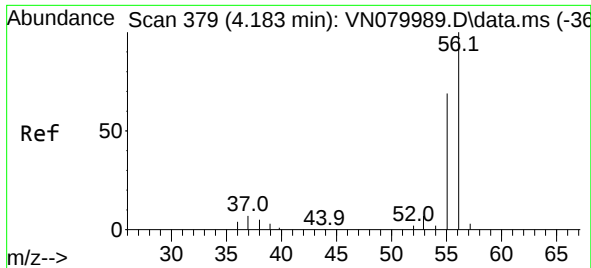
Tgt Ion:142 Resp: 56404
Ion Ratio Lower Upper
142 100
127 57.0 24.6 73.8
141 13.8 7.7 23.1



#12
Methyl Acetate
Concen: 13.757 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 43 Resp: 72952
Ion Ratio Lower Upper
43 100
74 27.7 18.1 27.1#





#13

Acrolein

Concen: 78.164 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

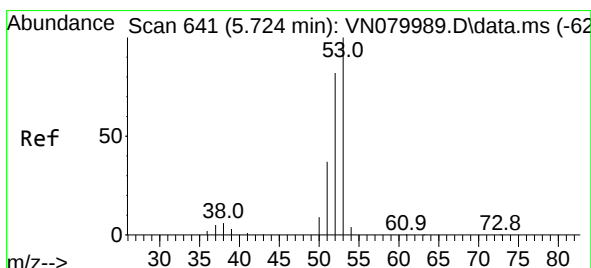
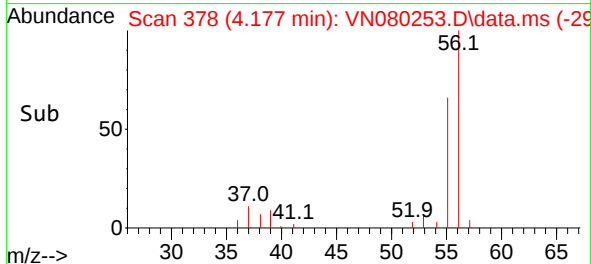
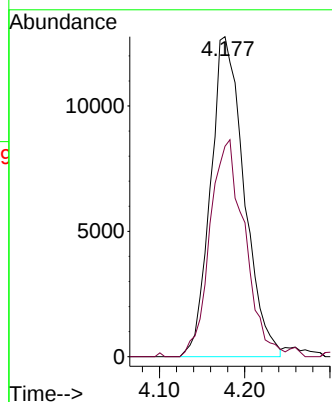
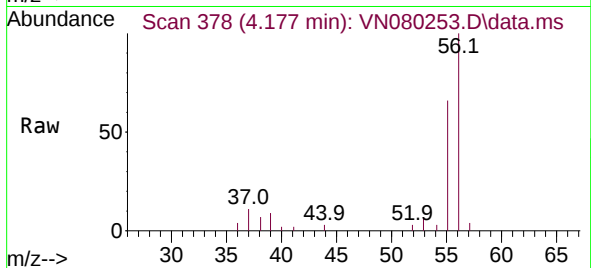
ClientSampleId :

Tgt Ion: 56 Resp: 35020

Ion Ratio Lower Upper

56 100

55 70.0 57.1 85.7



#14

Acrylonitrile

Concen: 78.625 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.012 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

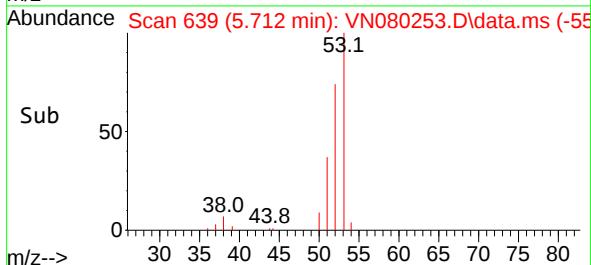
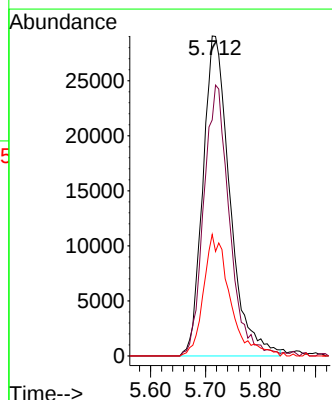
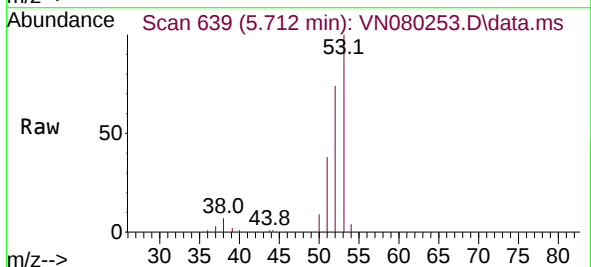
Tgt Ion: 53 Resp: 99031

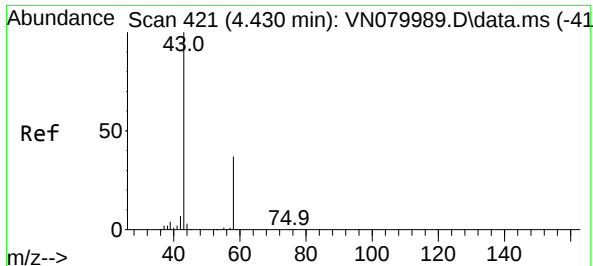
Ion Ratio Lower Upper

53 100

52 78.9 41.6 124.9

51 17.9 17.8 53.3





#15

Acetone

Concen: 85.496 ug/l

RT: 4.430 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

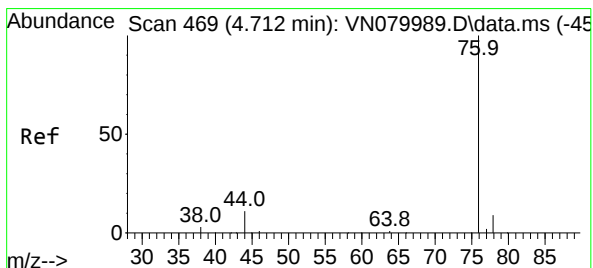
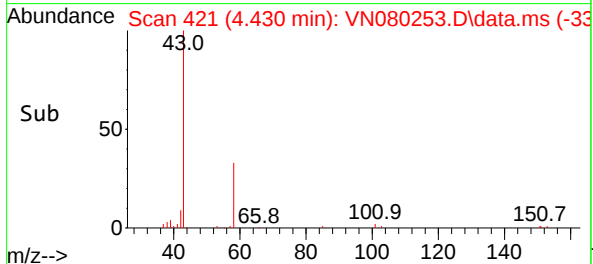
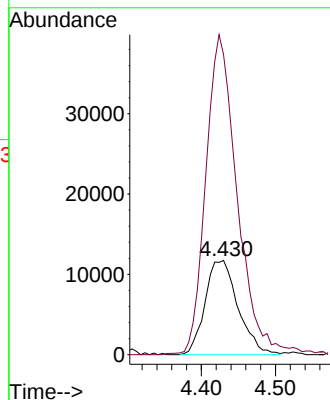
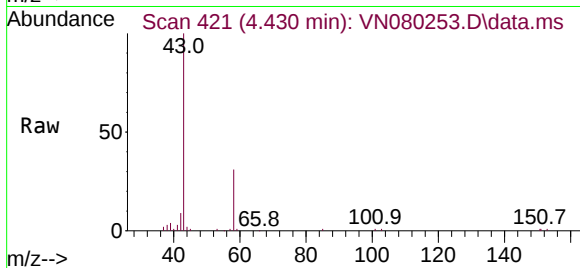
ClientSampleId :

Tgt Ion: 58 Resp: 36361

Ion Ratio Lower Upper

58 100

43 316.7 225.2 337.8



#16

Carbon Disulfide

Concen: 18.036 ug/l

RT: 4.712 min Scan# 469

Delta R.T. -0.006 min

Lab File: VN080253.D

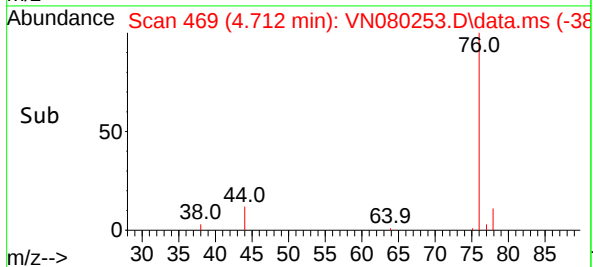
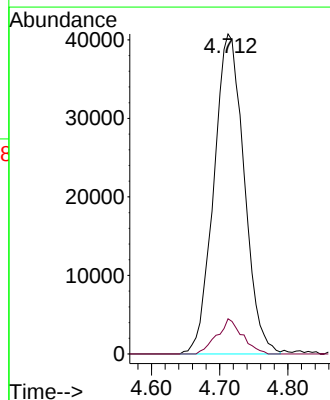
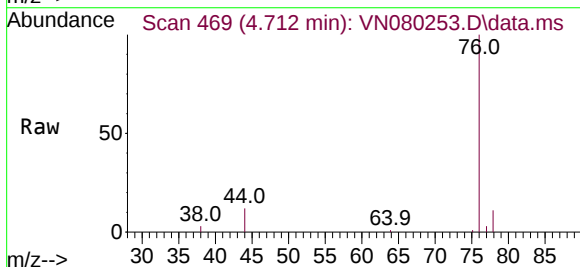
Acq: 24 Nov 2023 10:43

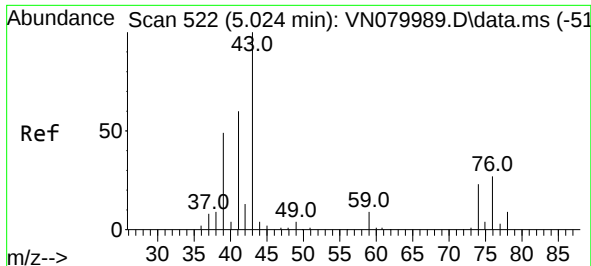
Tgt Ion: 76 Resp: 125970

Ion Ratio Lower Upper

76 100

78 11.0 7.5 11.3





#17

Allyl chloride

Concen: 14.390 ug/l

RT: 5.024 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN080253.D

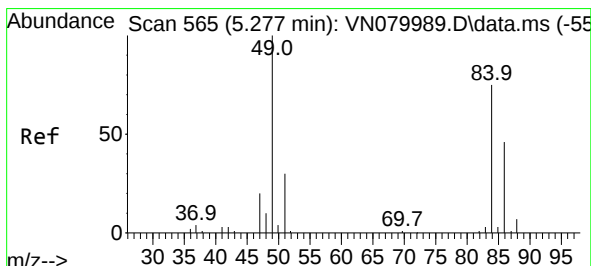
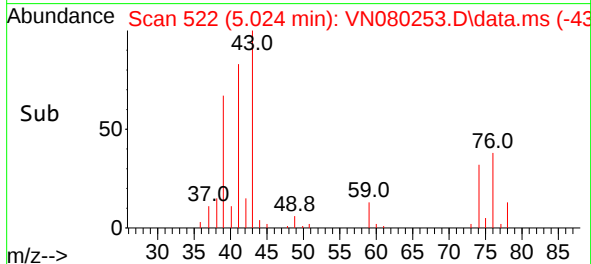
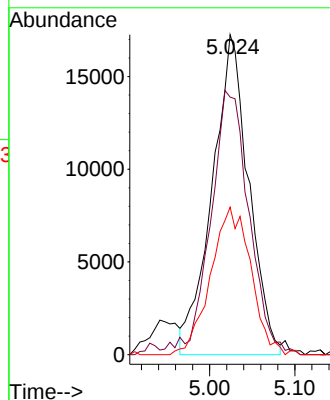
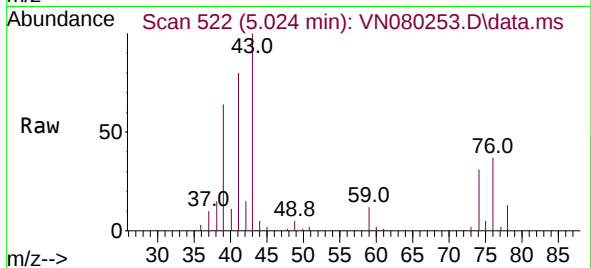
Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	41	Resp:	51432
Ion	Ratio	Lower	Upper
41	100		
39	78.9	38.4	115.2
76	45.7	19.5	58.5



#18

Methylene Chloride

Concen: 19.071 ug/l

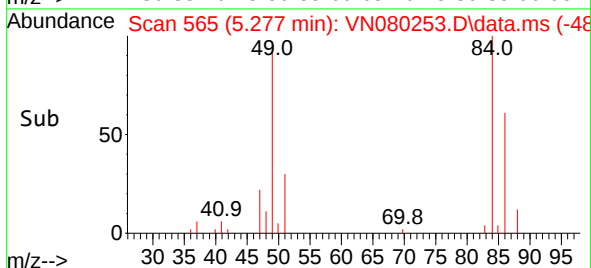
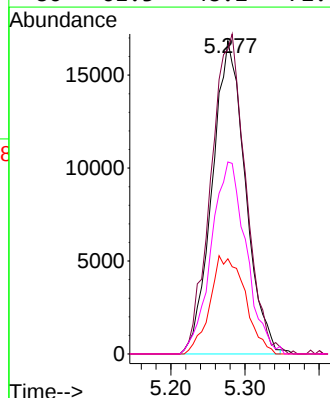
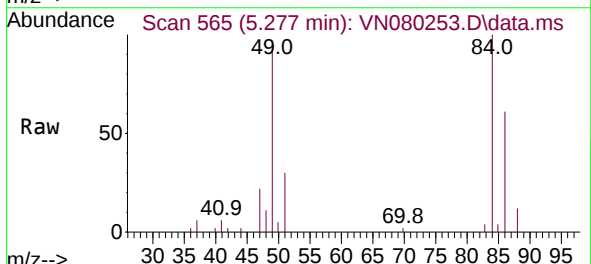
RT: 5.277 min Scan# 565

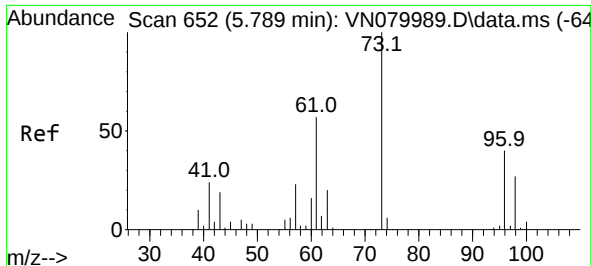
Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Tgt Ion:	84	Resp:	52312
Ion	Ratio	Lower	Upper
84	100		
49	97.2	100.9	151.3#
51	30.4	29.4	44.2
86	61.3	48.2	72.4





#19

trans-1,2-Dichloroethene

Concen: 19.439 ug/l

RT: 5.783 min Scan# 61

Delta R.T. -0.011 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

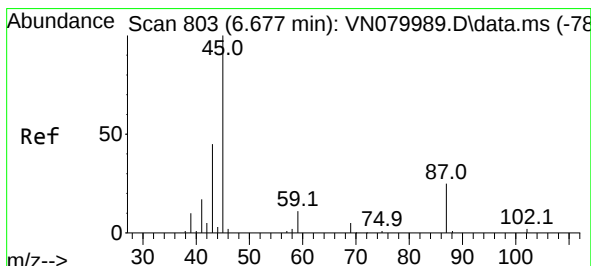
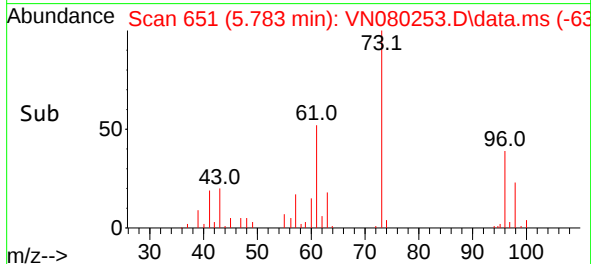
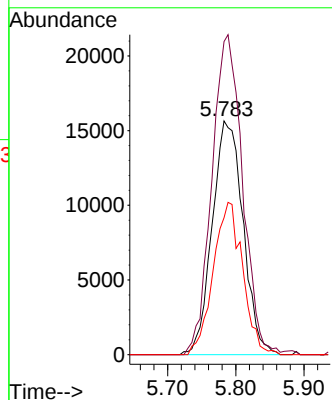
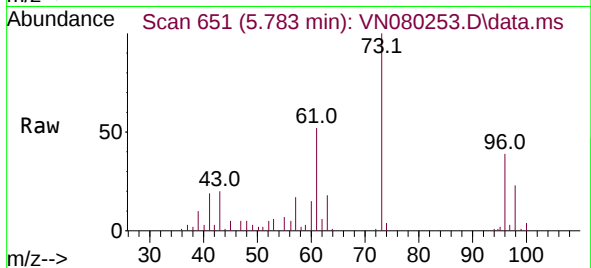
Tgt Ion: 96 Resp: 49283

Ion Ratio Lower Upper

96 100

61 133.9 113.4 170.0

98 58.6 50.4 75.6



#20

Diisopropyl ether

Concen: 14.828 ug/l

RT: 6.677 min Scan# 803

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Tgt Ion: 45 Resp: 123849

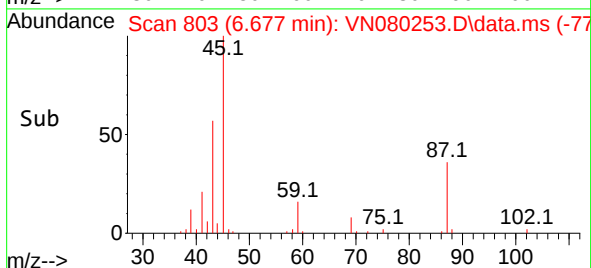
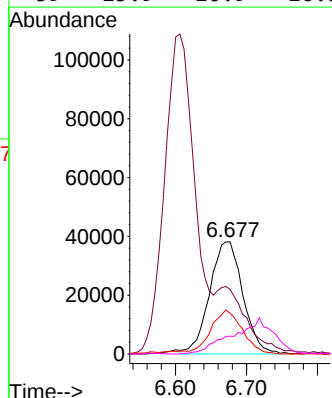
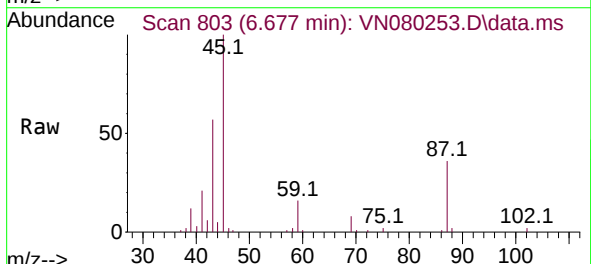
Ion Ratio Lower Upper

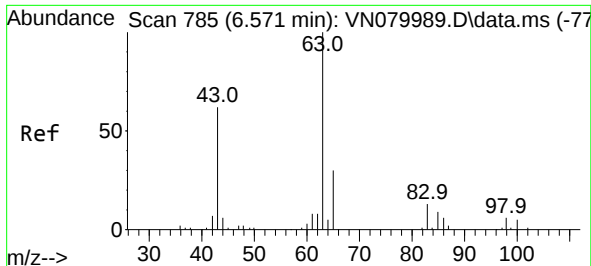
45 100

43 53.0 42.1 63.1

87 36.4 20.5 30.7#

59 15.9 10.9 16.3





#21

1,1-Dichloroethane

Concen: 18.463 ug/l

RT: 6.571 min Scan# 785

Delta R.T. -0.006 min

Lab File: VN080253.D

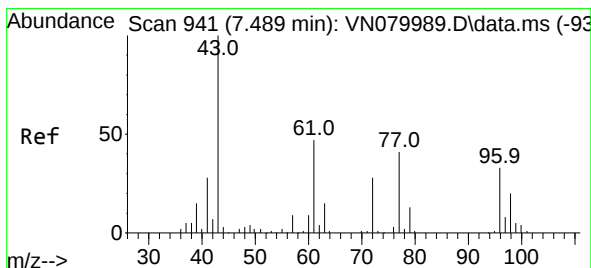
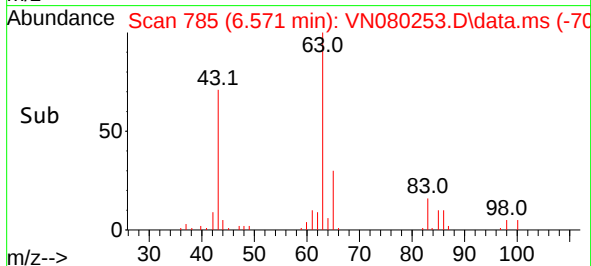
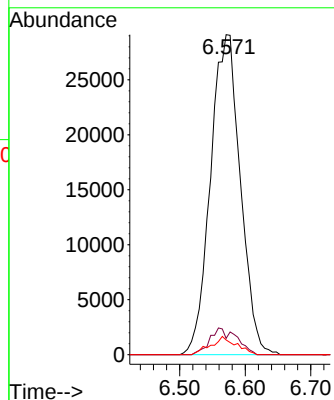
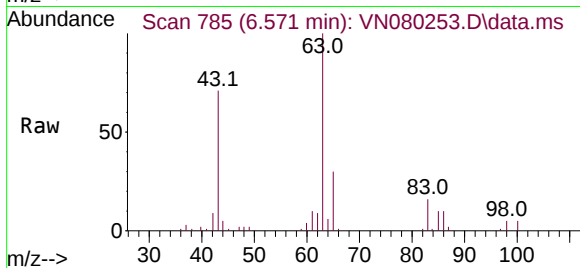
Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	92045
Ion Ratio	Lower	Upper	
63	100		
98	5.1	2.8	8.4
100	4.6	1.9	5.7



#22

cis-1,2-Dichloroethene

Concen: 19.308 ug/l

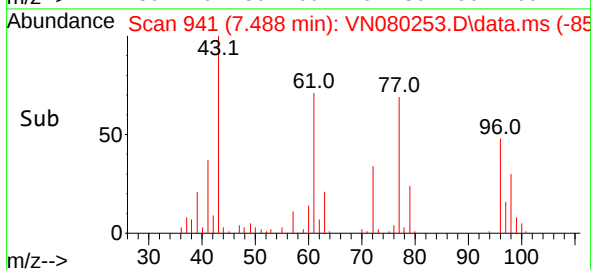
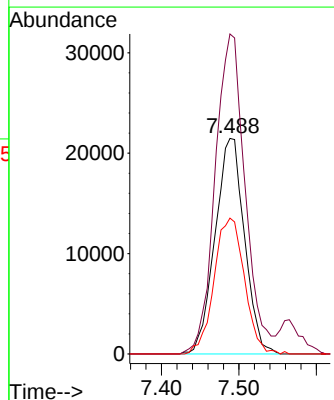
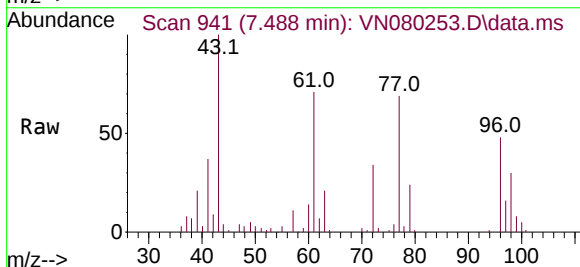
RT: 7.488 min Scan# 941

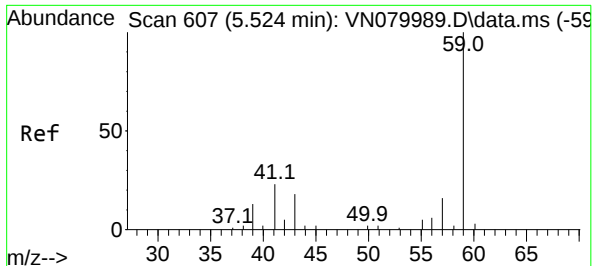
Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

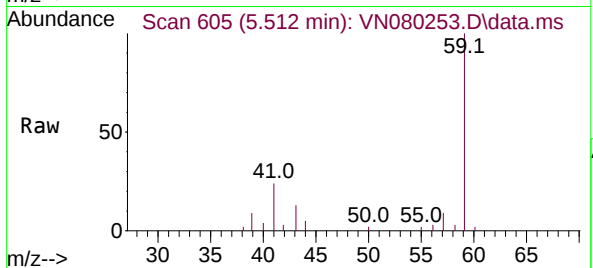
Tgt Ion:	96	Resp:	56806
Ion Ratio	Lower	Upper	
96	100		
61	151.4	124.6	186.8
98	64.5	54.2	81.4



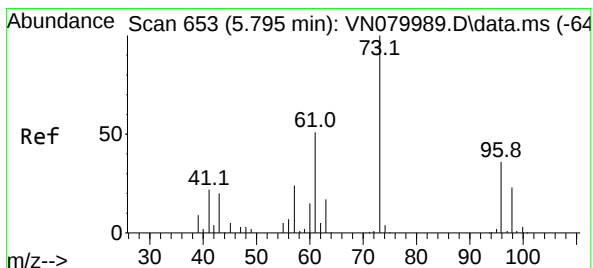
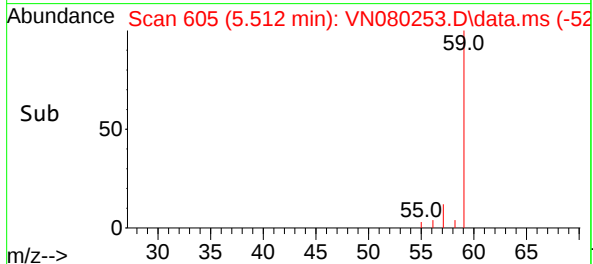
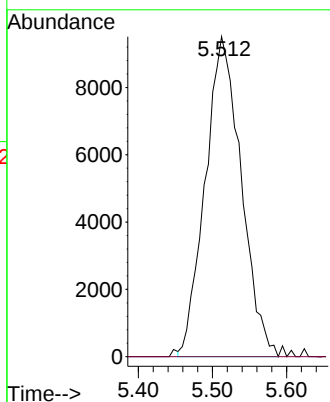


#23
tert-Butyl Alcohol
Concen: 94.340 ug/l
RT: 5.512 min Scan# 607
Delta R.T. -0.012 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Instrument :
MSVOA_N
ClientSampleId :

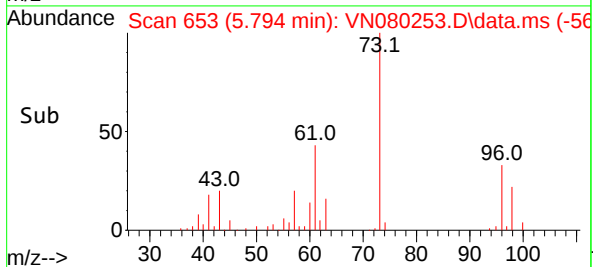
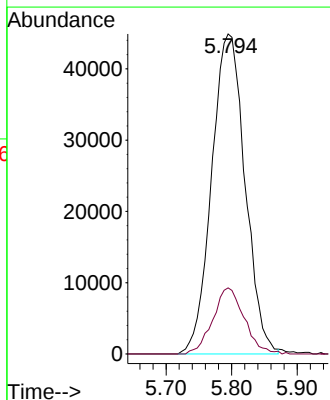
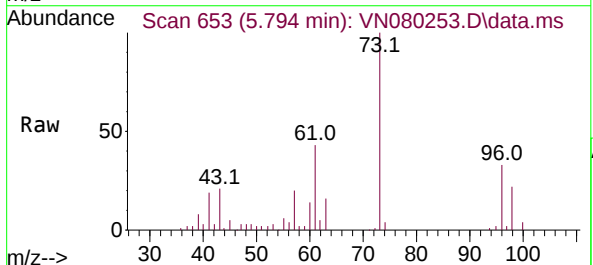


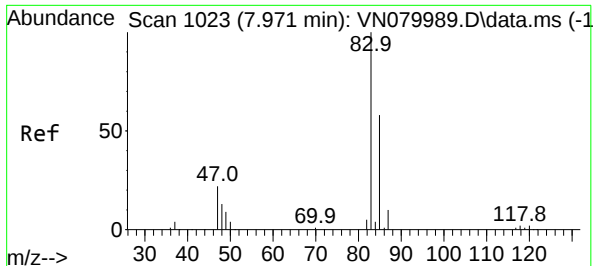
Tgt Ion: 59 Resp: 32073
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 21.091 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 73 Resp: 158843
Ion Ratio Lower Upper
73 100
43 19.3 16.6 24.8





#25

Chloroform

Concen: 21.323 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

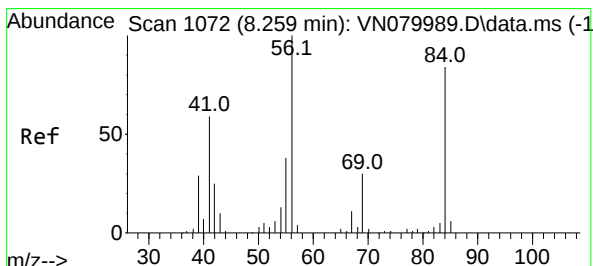
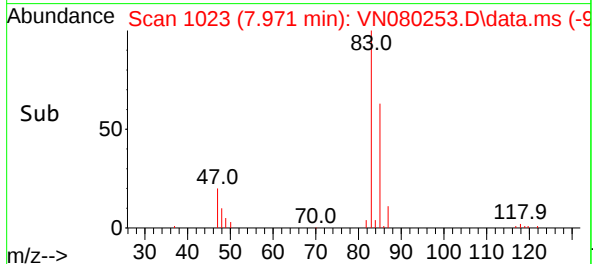
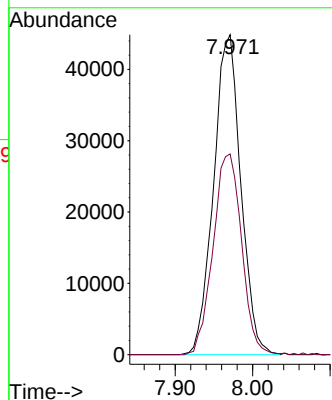
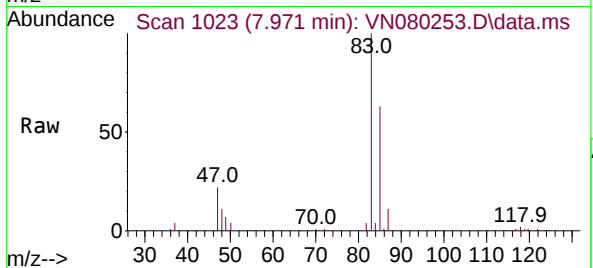
ClientSampleId :

Tgt Ion: 83 Resp: 109734

Ion Ratio Lower Upper

83 100

85 62.7 47.4 71.2



#26

Cyclohexane

Concen: 16.678 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

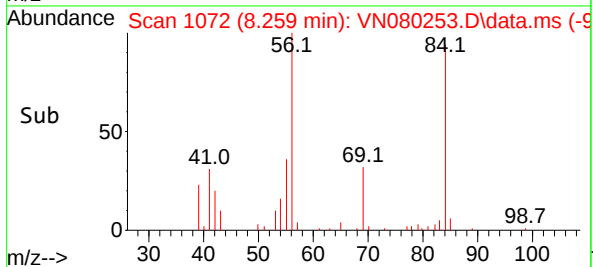
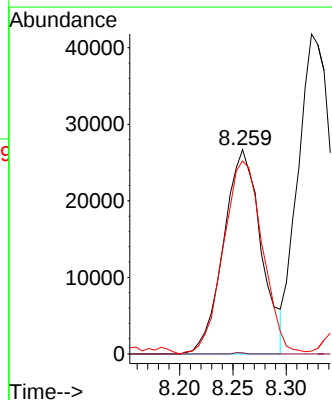
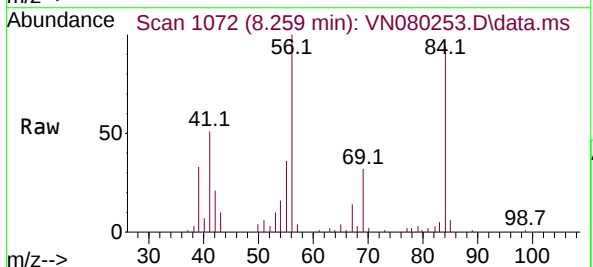
Tgt Ion: 56 Resp: 65412

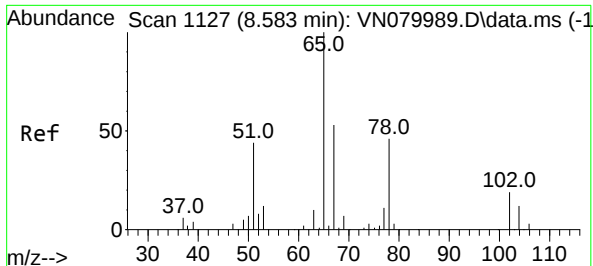
Ion Ratio Lower Upper

56 100

89 0.2 0.0 0.0#

84 98.8 69.0 103.4

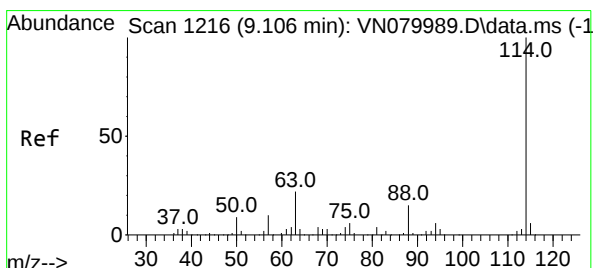
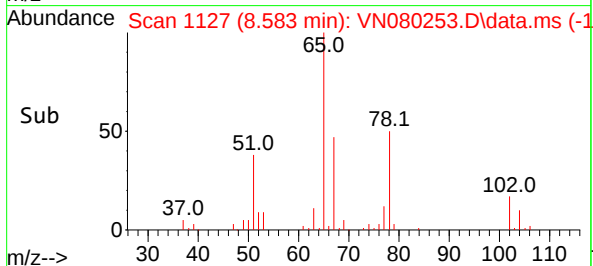
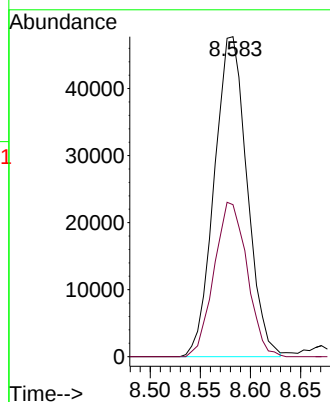
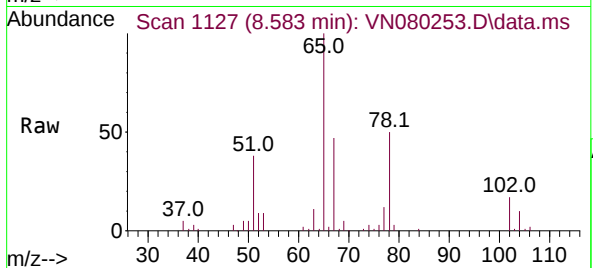




#27
1,2-Dichloroethane-d4
Concen: 32.556 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

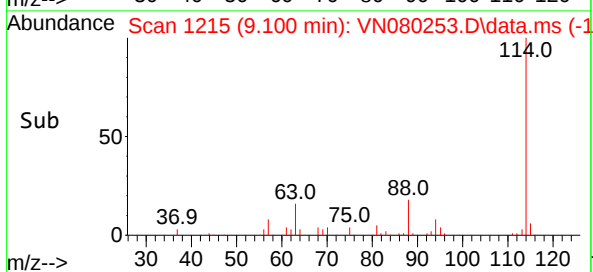
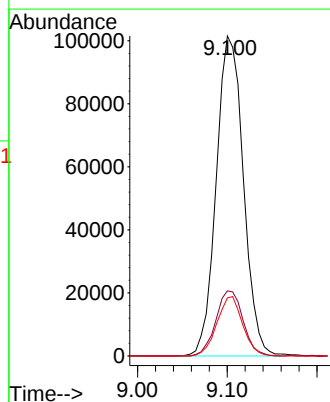
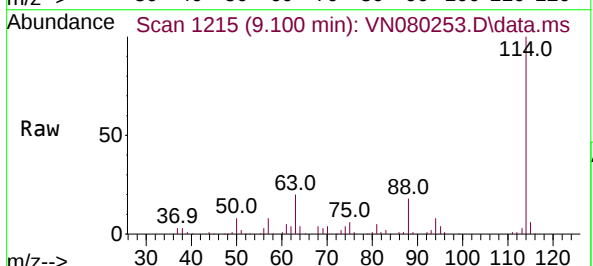
Instrument :
MSVOA_N
ClientSampleId :

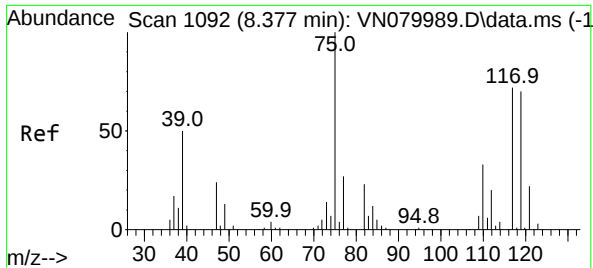
Tgt Ion: 65 Resp: 108566
Ion Ratio Lower Upper
65 100
67 48.5 42.1 63.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 114 Resp: 213235
Ion Ratio Lower Upper
114 100
63 20.3 18.1 27.1
88 17.6 12.2 18.2

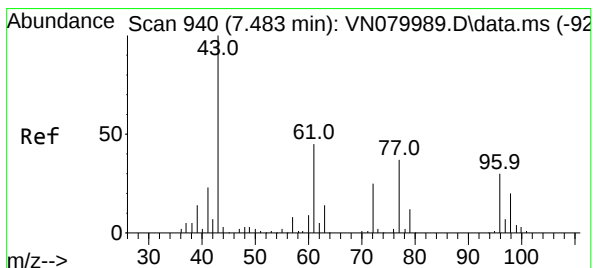
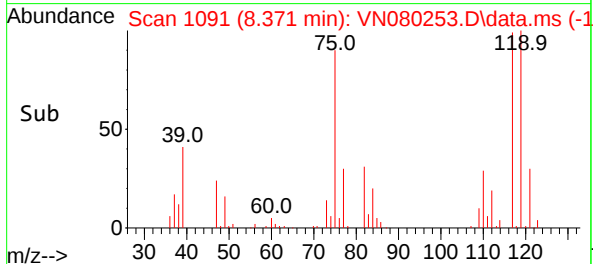
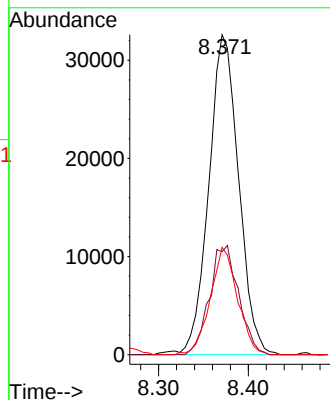
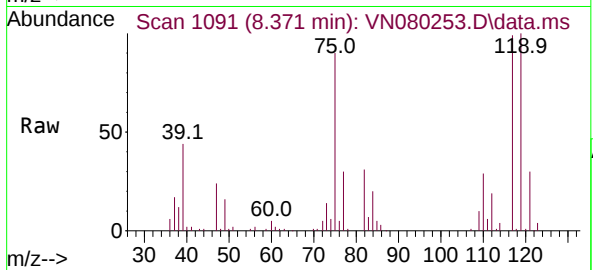




#29
1,1-Dichloropropene
Concen: 20.491 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

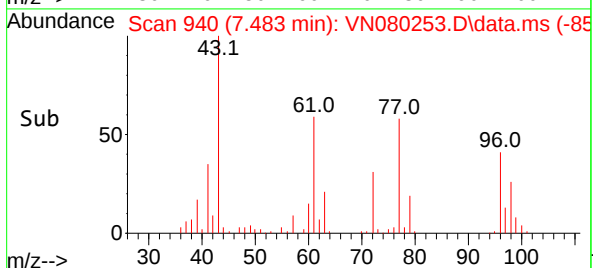
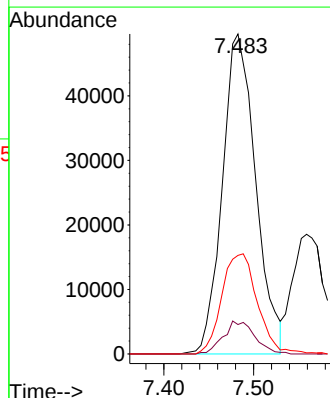
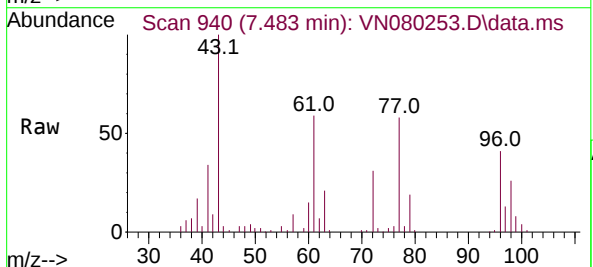
Instrument :
MSVOA_N
ClientSampleId :

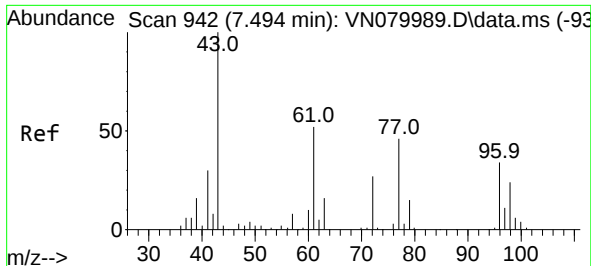
Tgt Ion: 75 Resp: 74992
Ion Ratio Lower Upper
75 100
110 33.3 0.0 66.8
77 30.8 0.0 61.2



#30
2-Butanone
Concen: 73.218 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 43 Resp: 127967
Ion Ratio Lower Upper
43 100
57 9.7 6.4 9.6#
72 32.7 20.7 31.1#

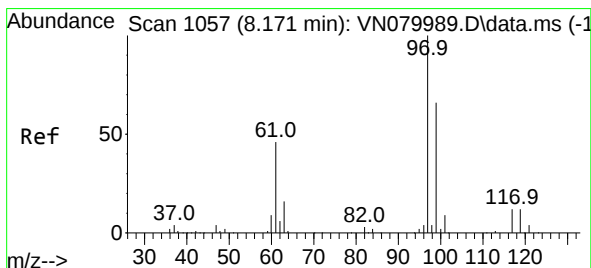
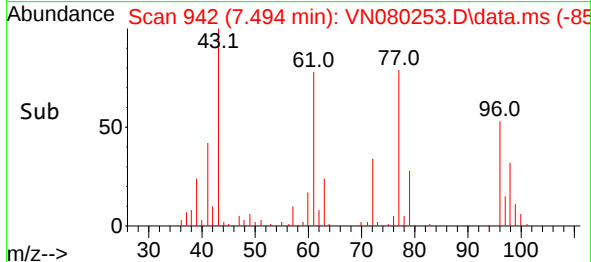
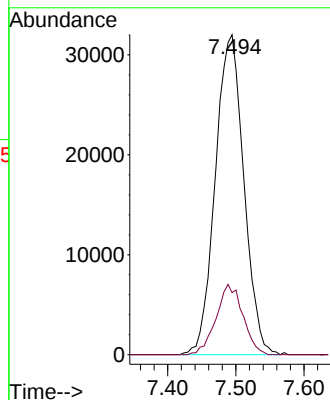
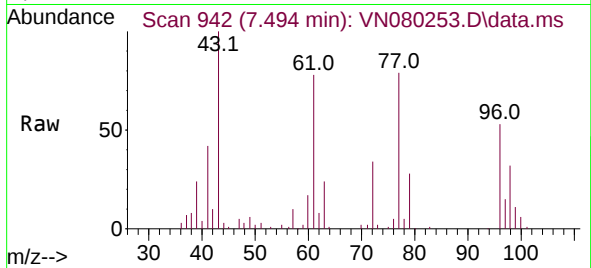




#31
2,2-Dichloropropane
Concen: 23.573 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

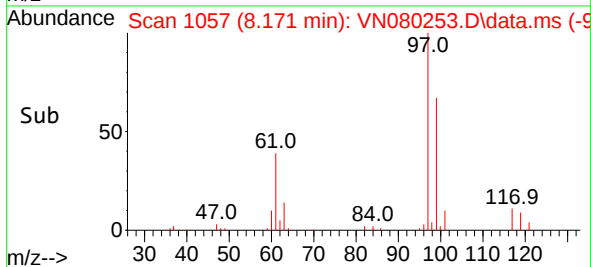
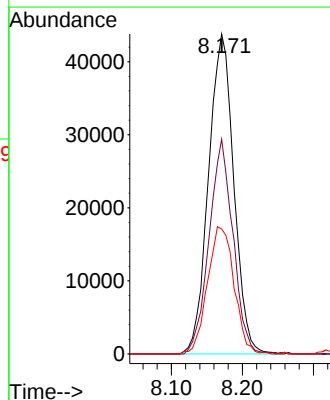
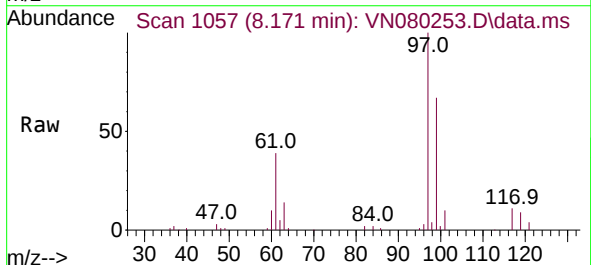
Instrument :
MSVOA_N
ClientSampleId :

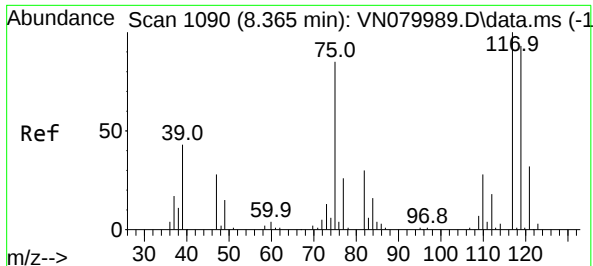
Tgt Ion: 77 Resp: 93240
Ion Ratio Lower Upper
77 100
97 20.6 17.9 26.9



#32
1,1,1-Trichloroethane
Concen: 25.904 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 97 Resp: 108223
Ion Ratio Lower Upper
97 100
99 63.4 51.9 77.9
61 41.7 37.6 56.4

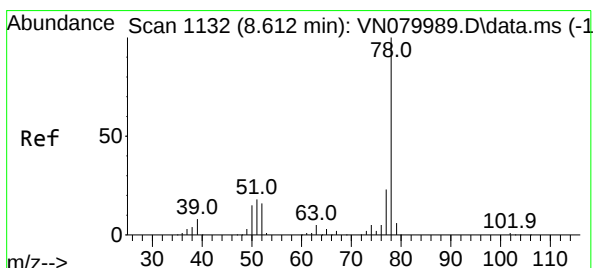
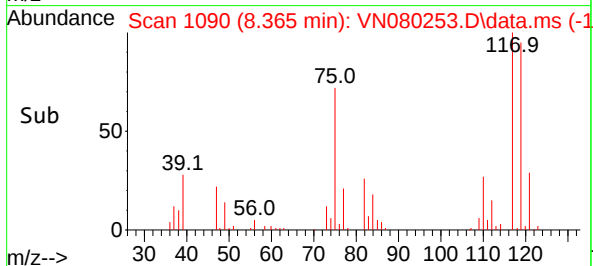
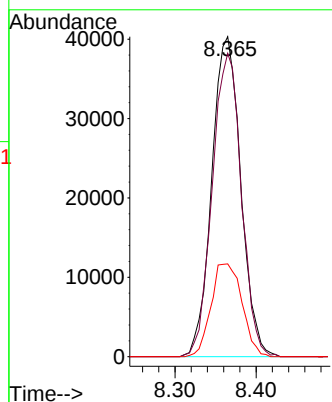
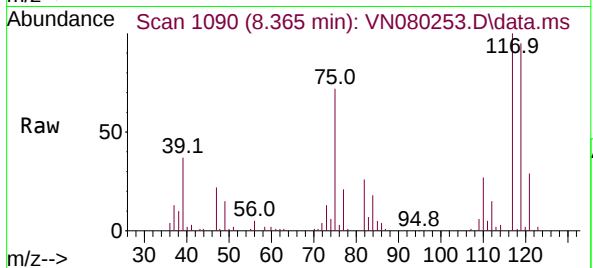




#33
Carbon Tetrachloride
Concen: 27.259 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

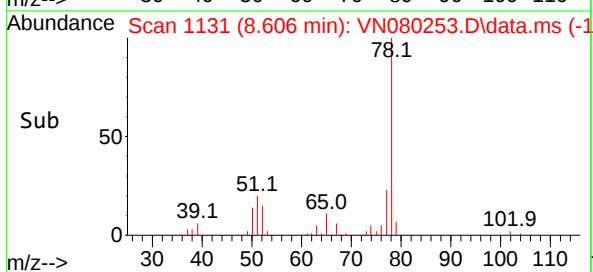
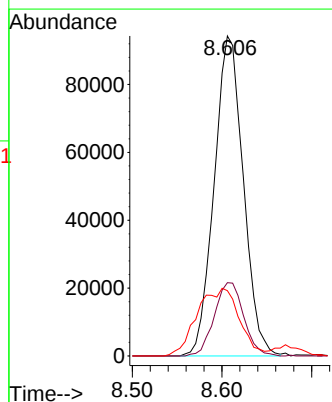
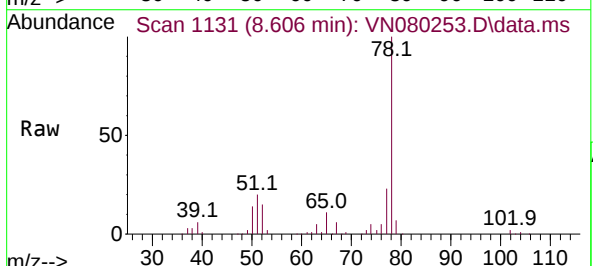
Instrument :
MSVOA_N
ClientSampleId :

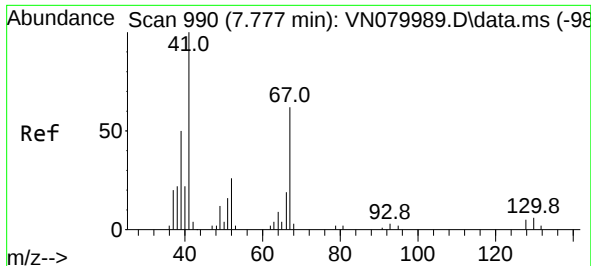
Tgt Ion:117 Resp: 100101
Ion Ratio Lower Upper
117 100
119 94.8 75.0 112.6
121 29.0 24.3 36.5



#34
Benzene
Concen: 19.548 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 78 Resp: 212521
Ion Ratio Lower Upper
78 100
77 22.9 19.7 29.5
51 18.0 15.8 23.6

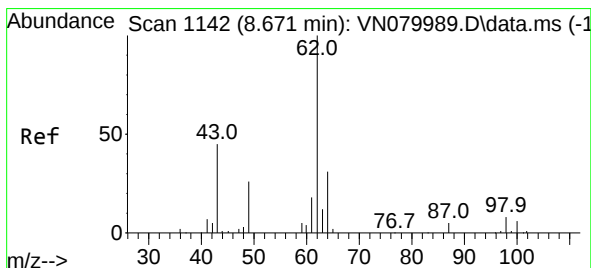
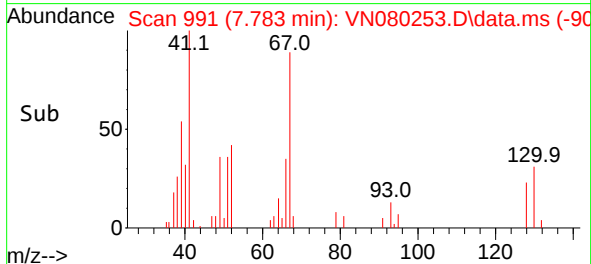
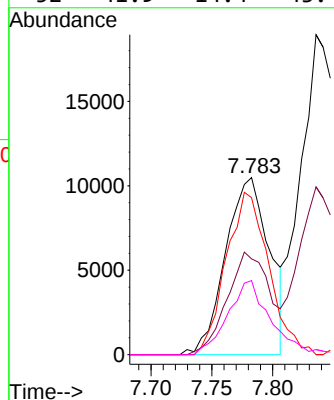
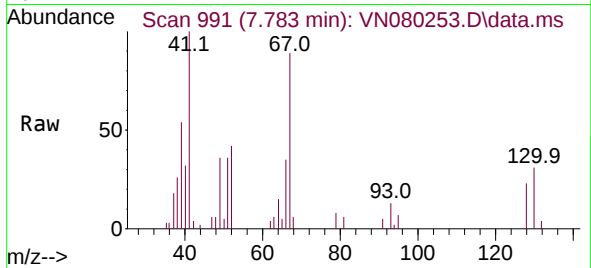




#35
Methacrylonitrile
Concen: 14.352 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.001 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

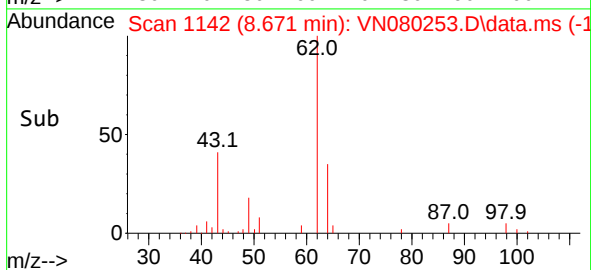
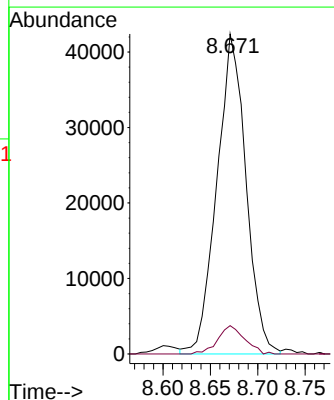
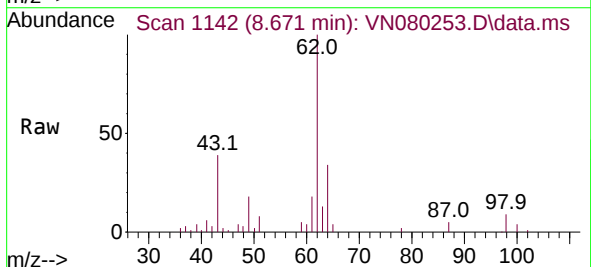
Instrument :
MSVOA_N
ClientSampleId :

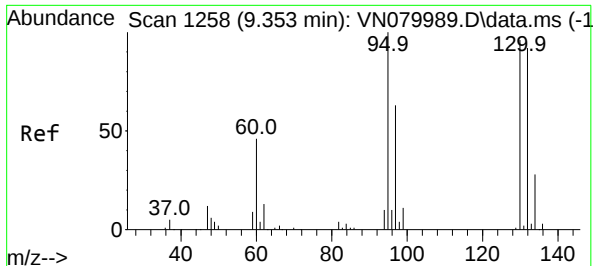
Tgt Ion: 41	Resp: 26298
Ion Ratio	Lower Upper
41 100	
39 54.1	26.3 78.8
67 88.7	37.5 112.3
52 41.9	14.4 43.4



#36
1,2-Dichloroethane
Concen: 23.006 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 62	Resp: 90517
Ion Ratio	Lower Upper
62 100	
98 8.1	7.2 10.8





#37

Trichloroethene

Concen: 21.567 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

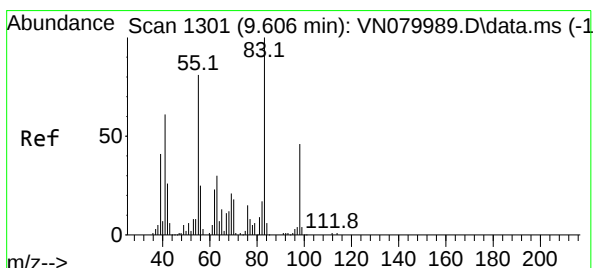
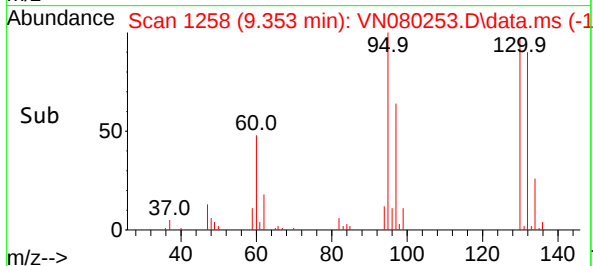
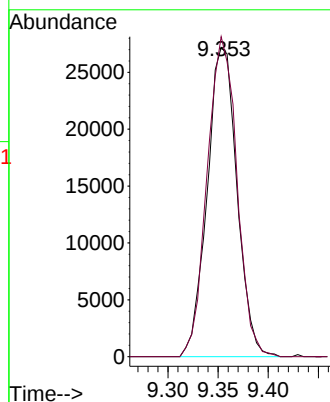
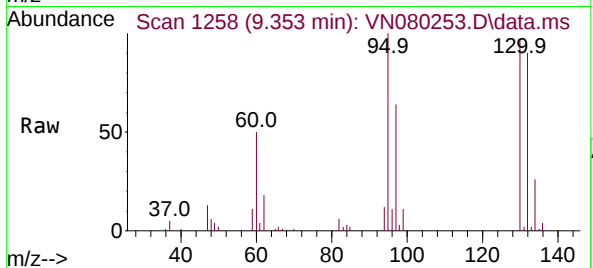
ClientSampleId :

Tgt Ion:130 Resp: 56385

Ion Ratio Lower Upper

130 100

95 103.4 81.2 121.8



#38

Methylcyclohexane

Concen: 19.677 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

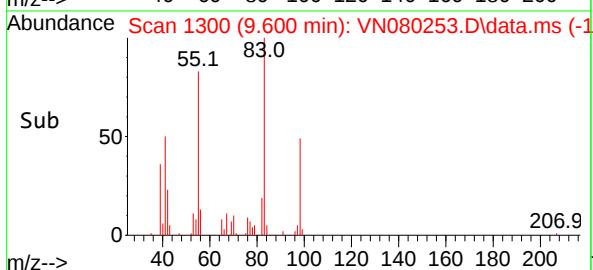
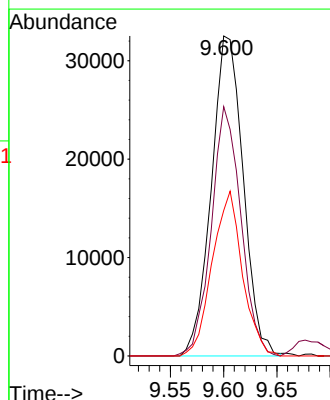
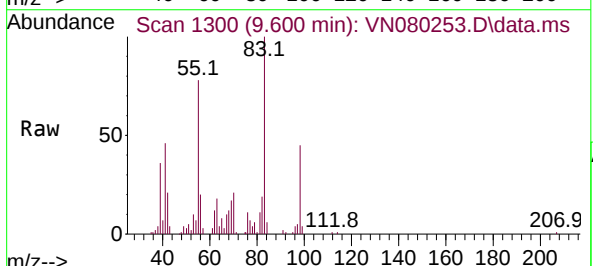
Tgt Ion: 83 Resp: 67616

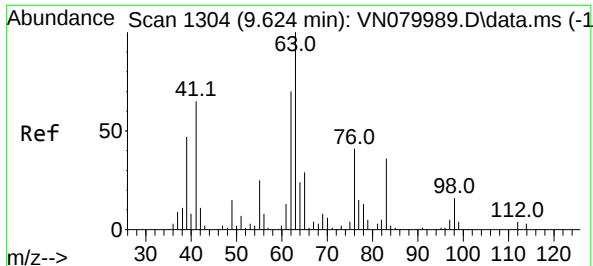
Ion Ratio Lower Upper

83 100

55 72.2 39.7 119.1

98 48.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 17.206 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.001 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

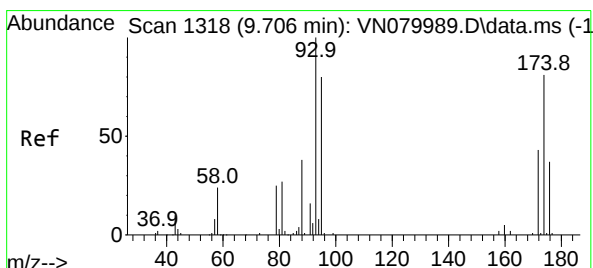
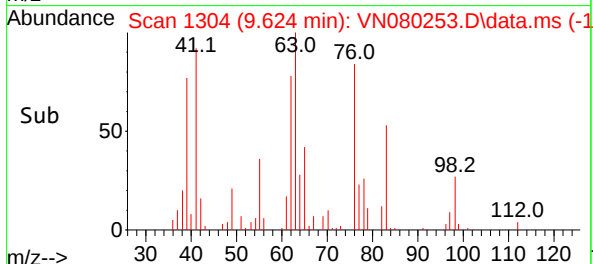
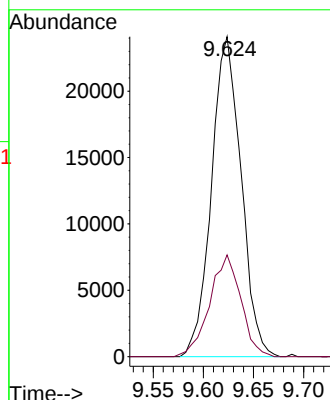
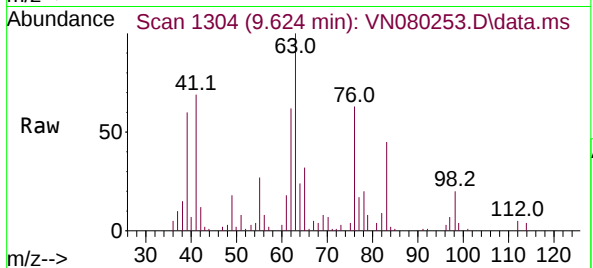
ClientSampleId :

Tgt Ion: 63 Resp: 49511

Ion Ratio Lower Upper

63 100

65 31.8 25.3 37.9



#40

Dibromomethane

Concen: 21.042 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

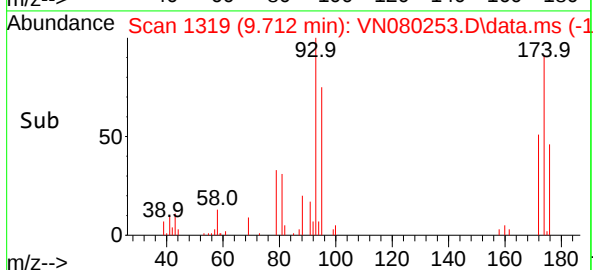
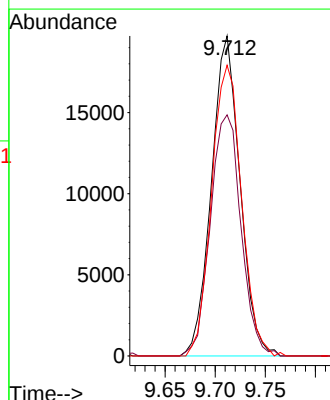
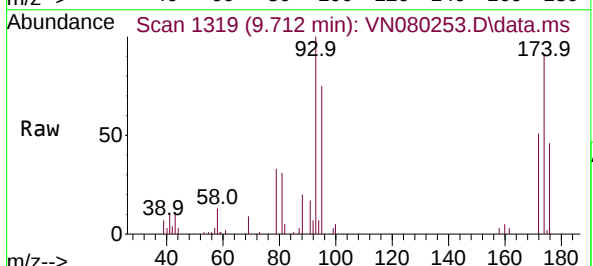
Tgt Ion: 93 Resp: 39138

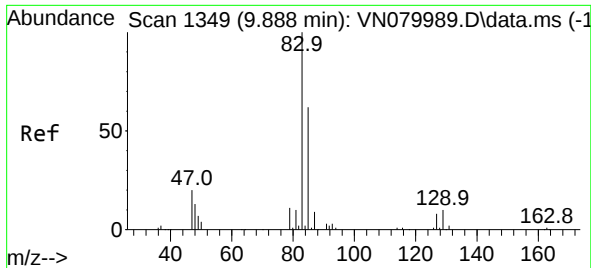
Ion Ratio Lower Upper

93 100

95 80.6 0.0 166.6

174 94.7 0.0 171.0

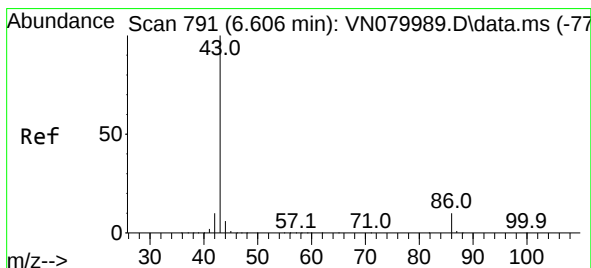
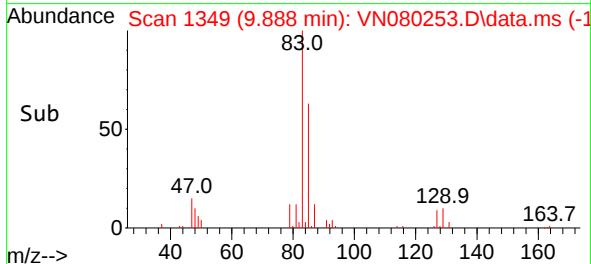
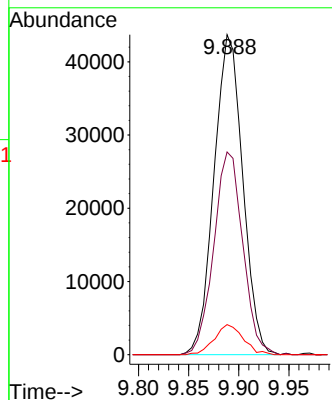
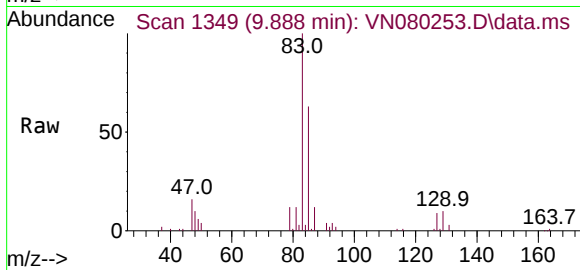




#41
Bromodichloromethane
Concen: 22.602 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

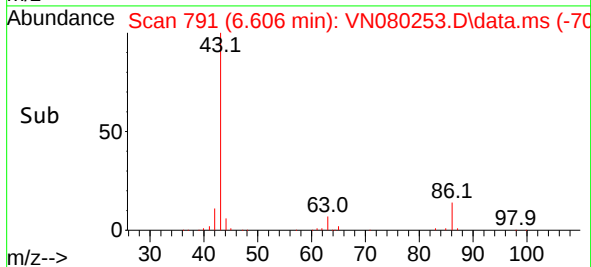
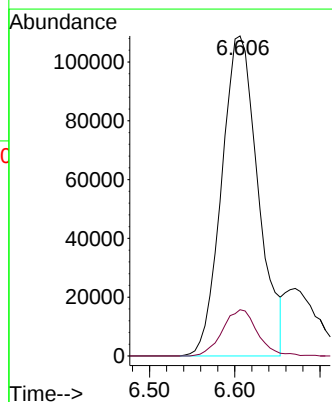
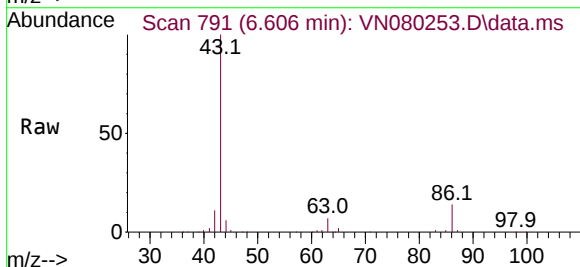
Instrument :
MSVOA_N
ClientSampleId :

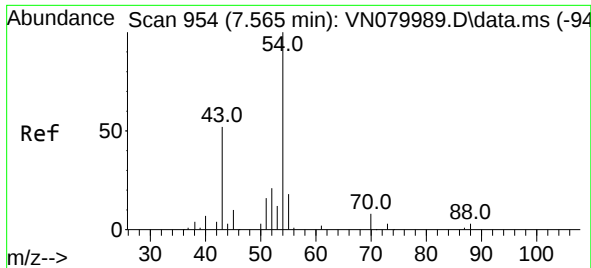
Tgt Ion: 83 Resp: 87069
Ion Ratio Lower Upper
83 100
85 63.3 50.3 75.5
127 9.4 6.8 10.2



#42
Vinyl Acetate
Concen: 74.738 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 43 Resp: 324457
Ion Ratio Lower Upper
43 100
86 13.7 8.2 12.2#

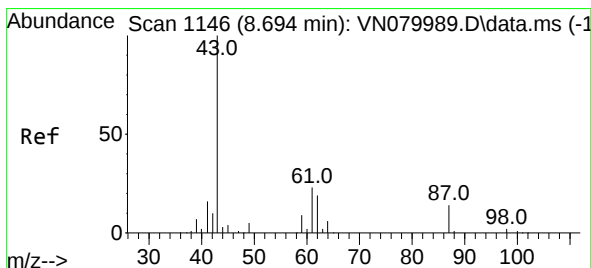
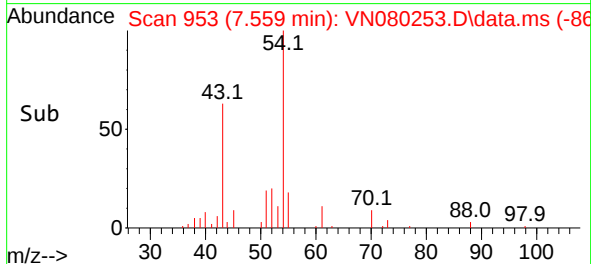
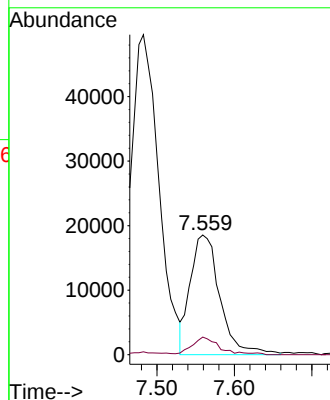
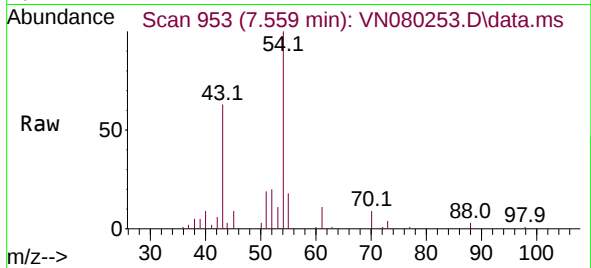




#43
Ethyl Acetate
Concen: 14.982 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

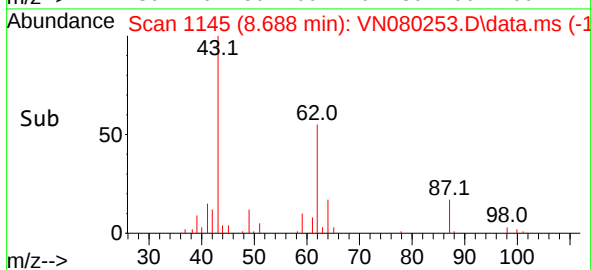
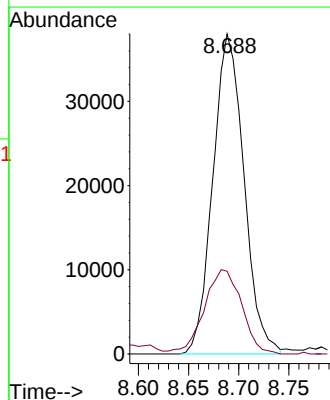
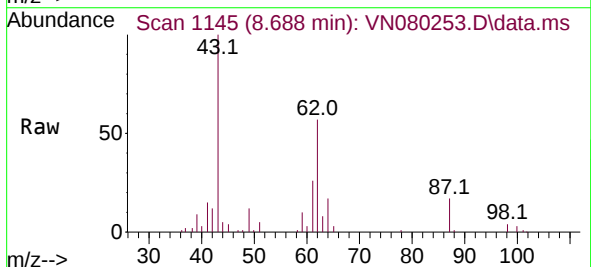
Instrument :
MSVOA_N
ClientSampleId :

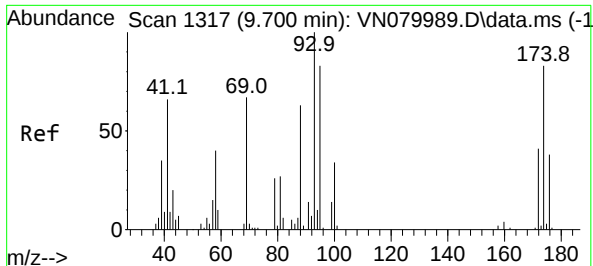
Tgt Ion: 43 Resp: 49190
Ion Ratio Lower Upper
43 100
45 10.8 11.8 17.8#



#44
Isopropyl Acetate
Concen: 15.329 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 43 Resp: 82005
Ion Ratio Lower Upper
43 100
61 31.6 20.3 30.5#





#45

1,4-Dioxane

Concen: 377.340 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.012 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

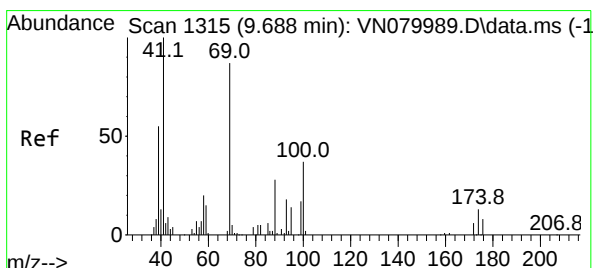
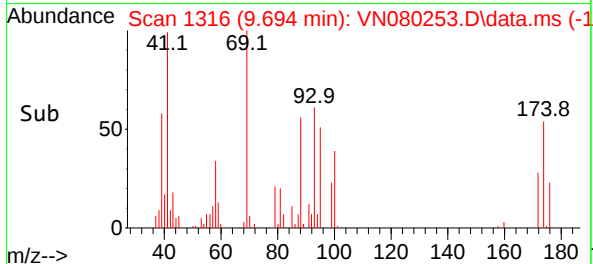
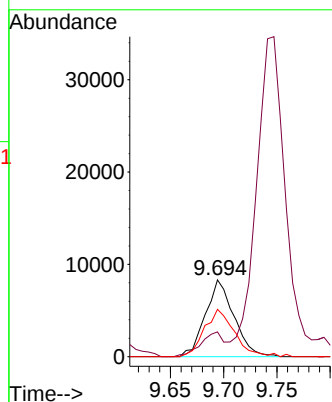
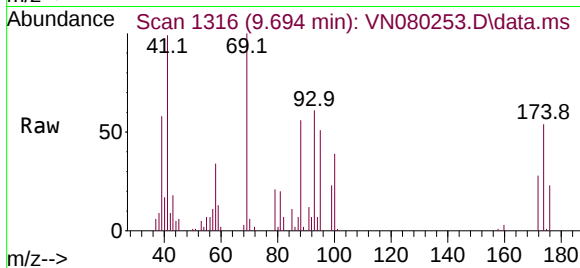
Tgt Ion: 88 Resp: 15557

Ion Ratio Lower Upper

88 100

43 24.9 28.7 43.1#

58 63.8 56.9 85.3



#46

Methyl methacrylate

Concen: 15.435 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

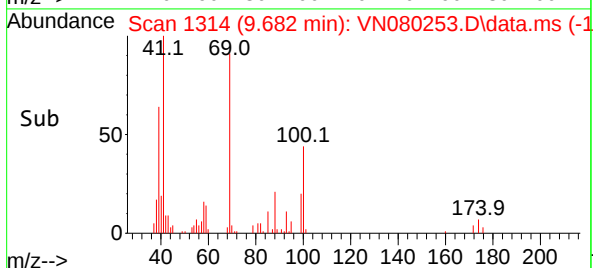
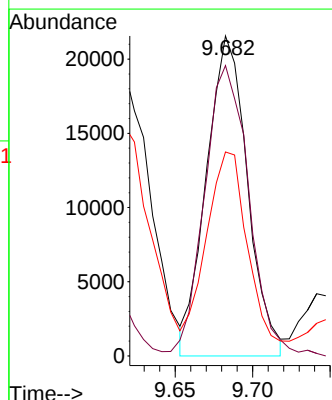
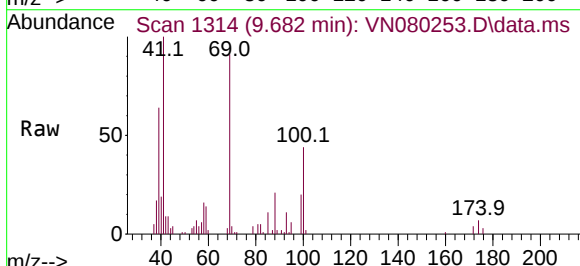
Tgt Ion: 41 Resp: 39693

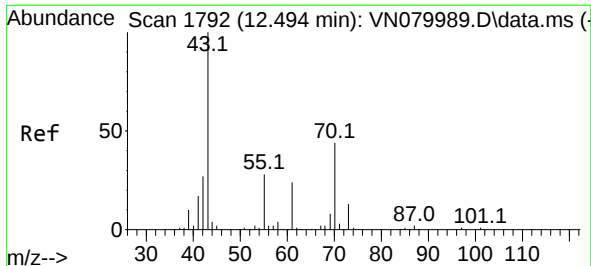
Ion Ratio Lower Upper

41 100

69 90.6 40.0 119.9

39 62.3 31.1 93.3

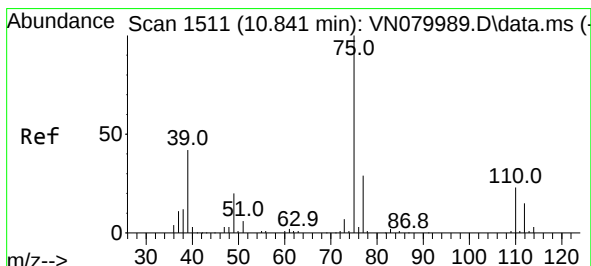
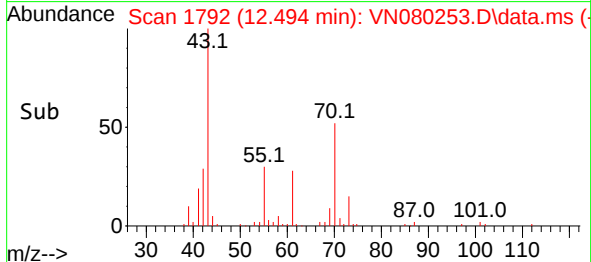
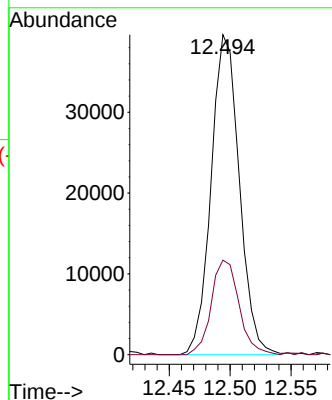
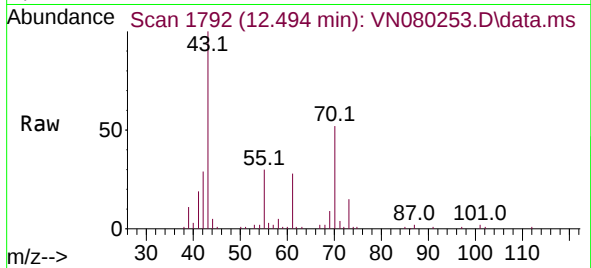




#47
n-amyl acetate
Concen: 14.850 ug/l
RT: 12.494 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

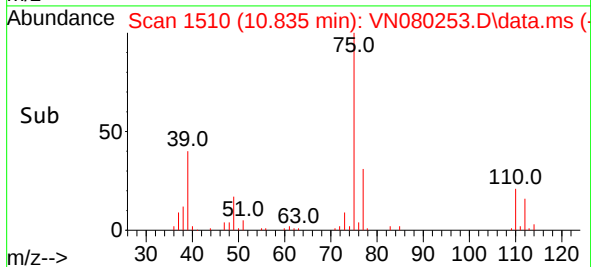
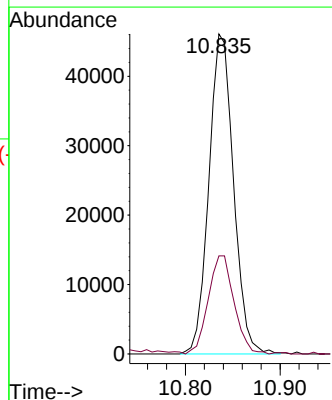
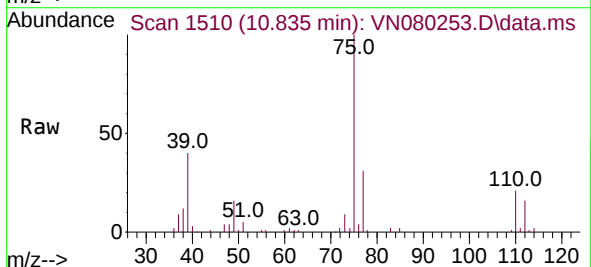
Instrument :
MSVOA_N
ClientSampleId :

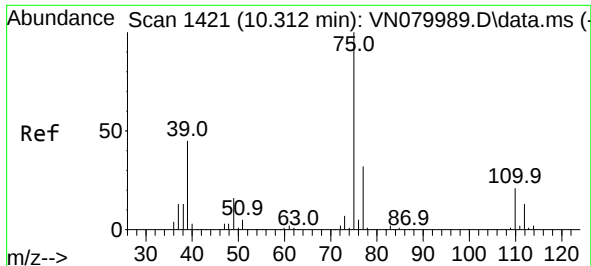
Tgt Ion: 43 Resp: 63812
Ion Ratio Lower Upper
43 100
55 29.0 20.7 31.1



#48
t-1,3-Dichloropropene
Concen: 21.163 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 75 Resp: 83261
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

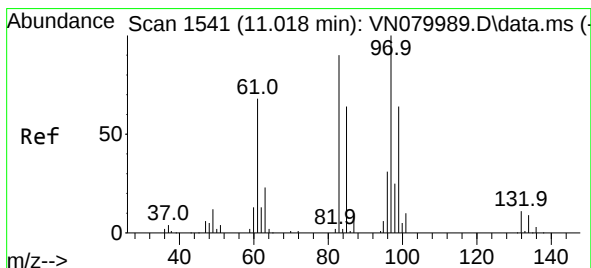
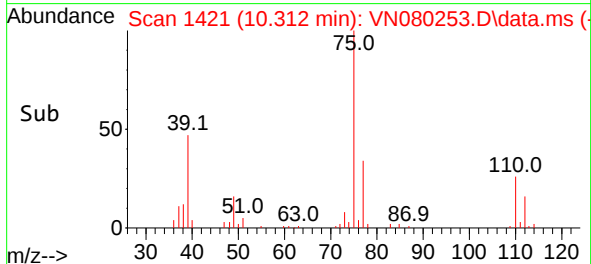
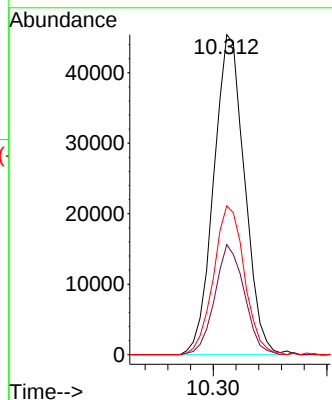
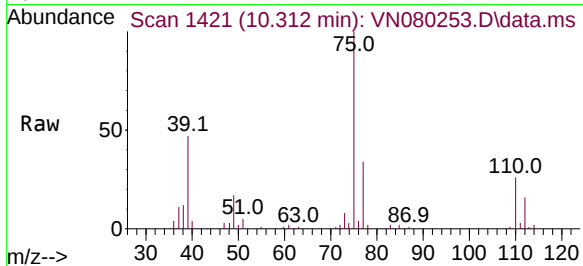




#49
 cis-1,3-Dichloropropene
 Concen: 19.671 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.006 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

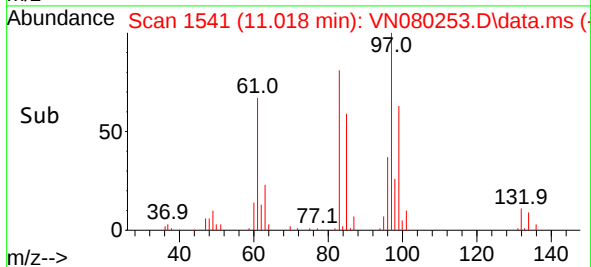
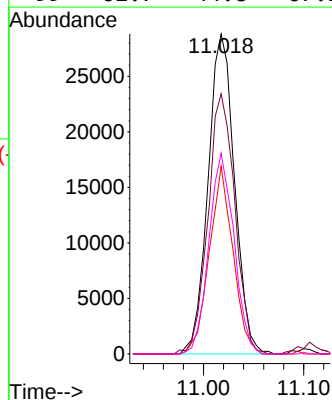
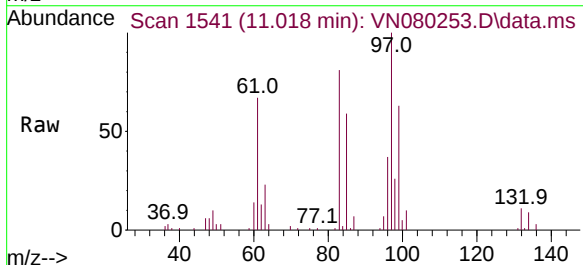
Instrument :
 MSVOA_N
 ClientSampleId :

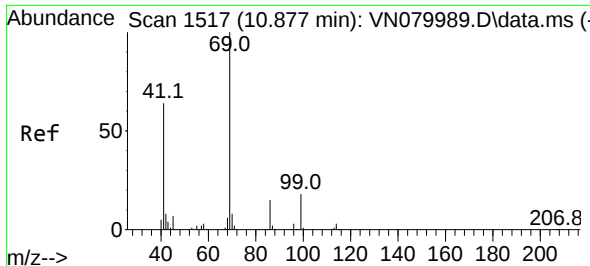
Tgt Ion:	75	Resp:	85555
Ion	Ratio	Lower	Upper
75	100		
77	34.4	25.8	38.6
39	46.5	42.4	63.6



#50
 1,1,2-Trichloroethane
 Concen: 20.829 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.000 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

Tgt Ion:	97	Resp:	52847
Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.2	102.4
85	58.7	42.9	64.3
99	62.7	44.8	67.2

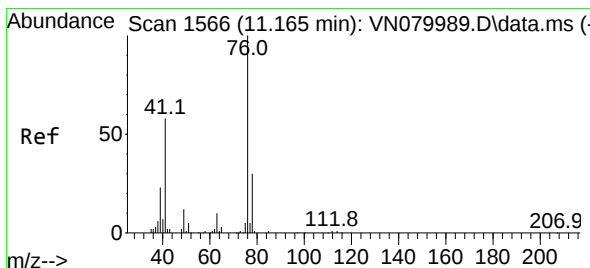
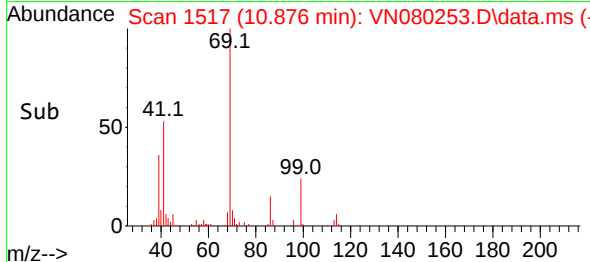
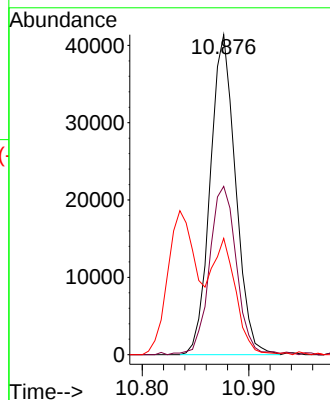
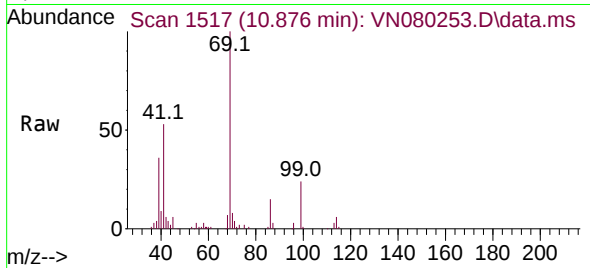




#51
Ethyl methacrylate
Concen: 18.767 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

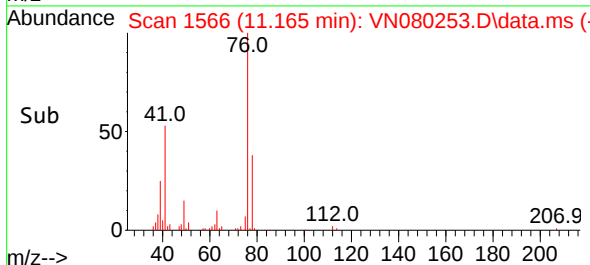
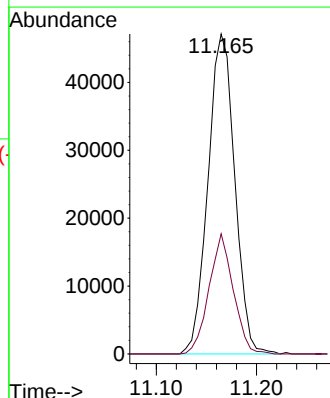
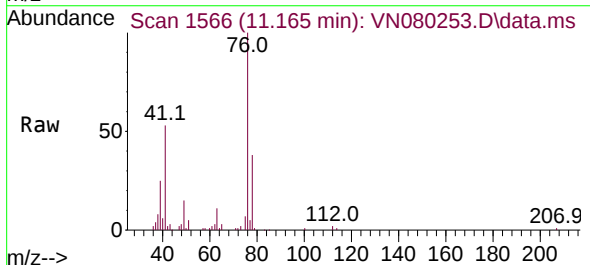
Instrument :
MSVOA_N
ClientSampleId :

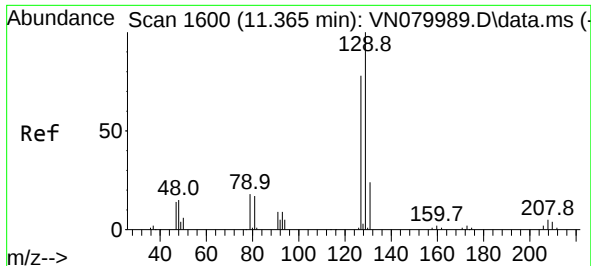
Tgt Ion: 69 Resp: 68438
Ion Ratio Lower Upper
69 100
41 52.2 33.8 101.3
39 35.9 21.3 63.9



#52
1,3-Dichloropropane
Concen: 19.268 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 76 Resp: 87402
Ion Ratio Lower Upper
76 100
78 34.1 0.0 64.0

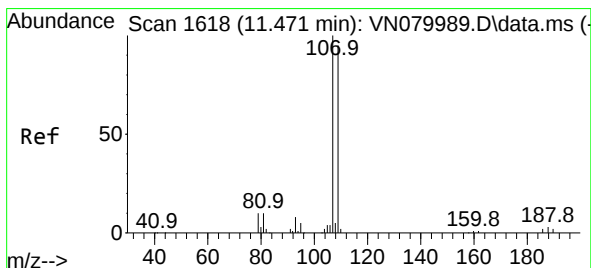
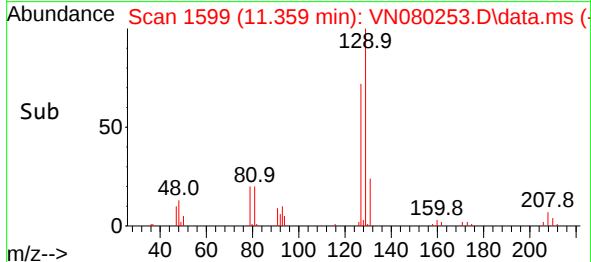
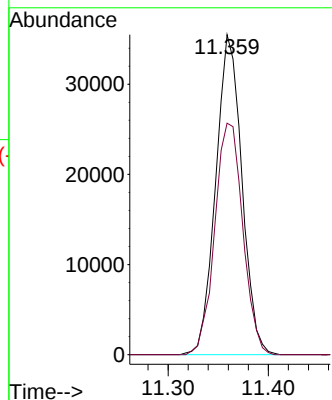
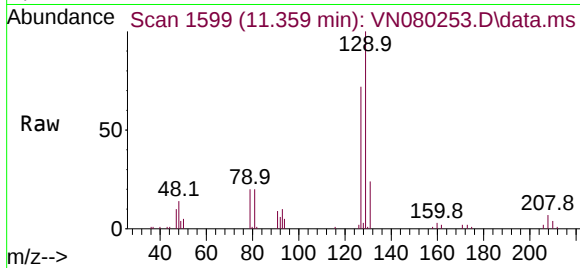




#53
Dibromochloromethane
Concen: 23.713 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

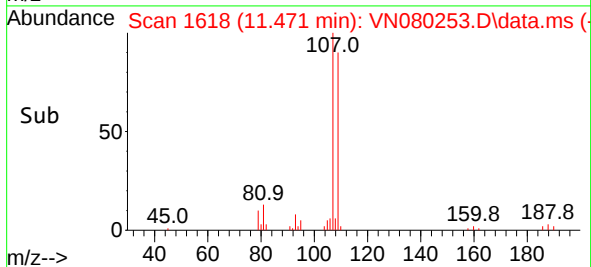
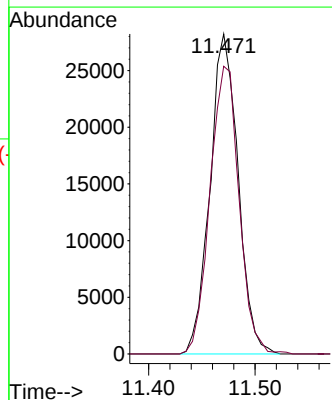
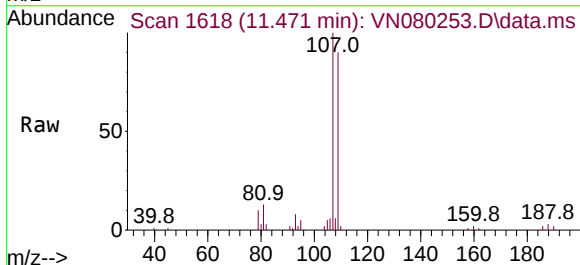
Instrument :
MSVOA_N
ClientSampleId :

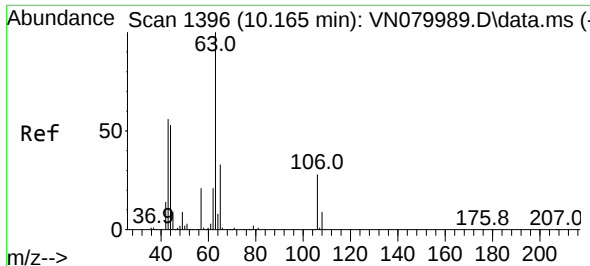
Tgt Ion:129 Resp: 64362
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.3



#54
1,2-Dibromoethane
Concen: 20.289 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.001 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion:107 Resp: 51691
Ion Ratio Lower Upper
107 100
109 92.8 73.2 109.8

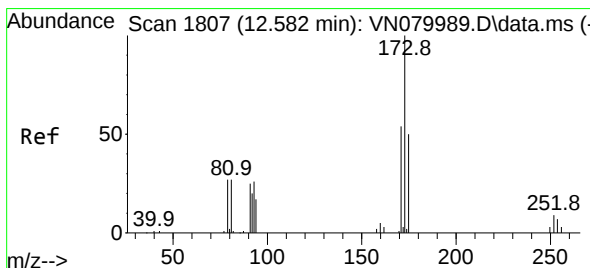
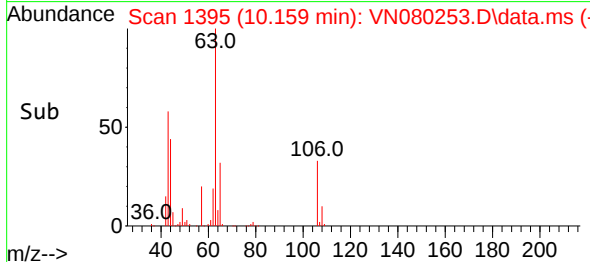
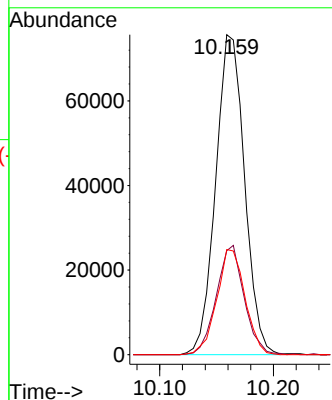
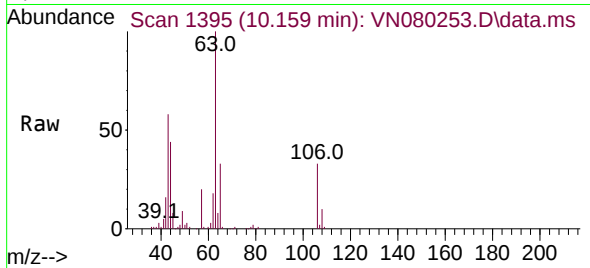




#55
2-Chloroethyl vinyl ether
Concen: 79.755 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

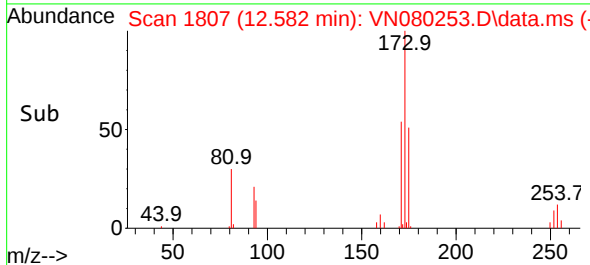
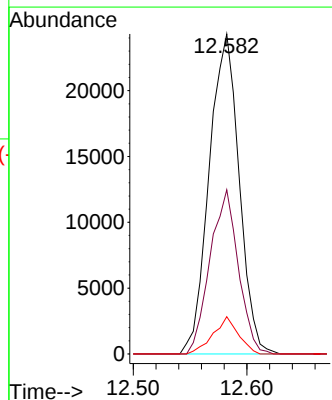
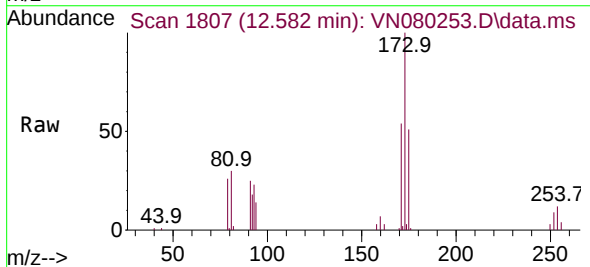
Instrument :
MSVOA_N
ClientSampleId :

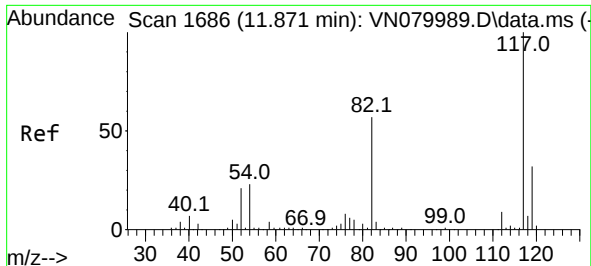
Tgt Ion: 63 Resp: 133771
Ion Ratio Lower Upper
63 100
65 32.8 25.9 38.9
106 32.2 20.6 30.8#



#56
Bromoform
Concen: 25.048 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion:173 Resp: 44551
Ion Ratio Lower Upper
173 100
175 48.4 37.9 56.9
254 9.8 7.3 10.9

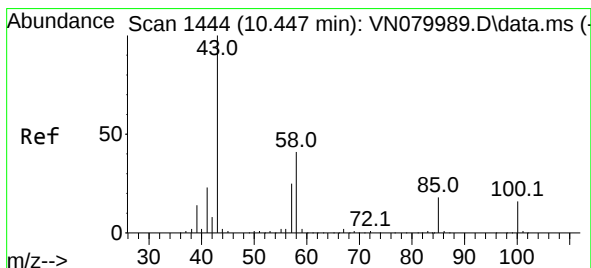
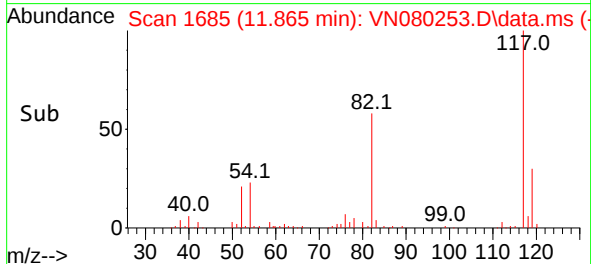
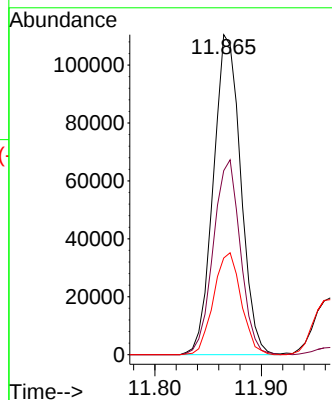
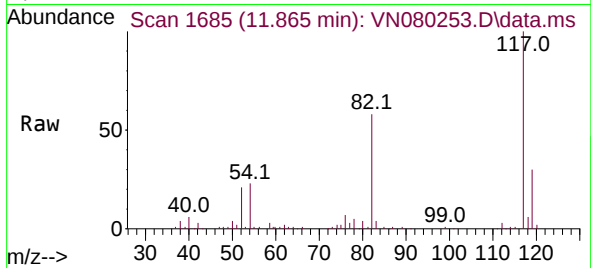




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

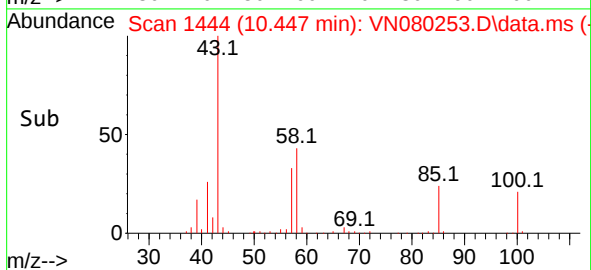
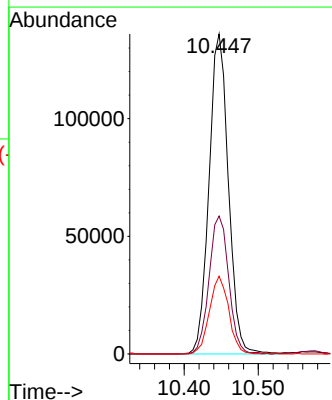
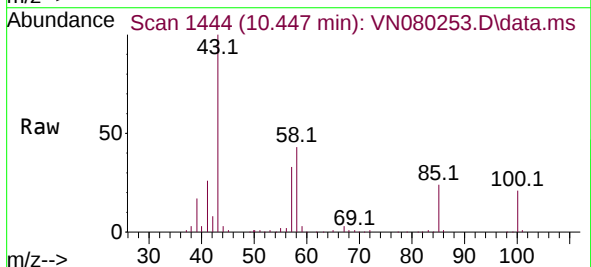
Instrument :
MSVOA_N
ClientSampleId :

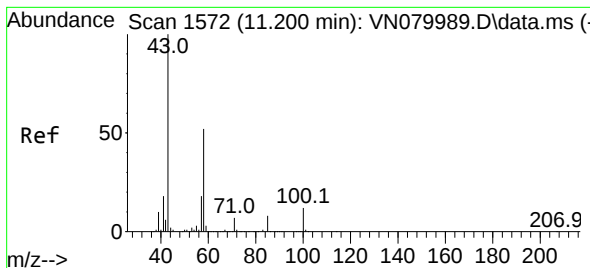
Tgt Ion:117 Resp: 197311
Ion Ratio Lower Upper
117 100
82 60.2 46.2 69.2
119 32.1 25.2 37.8



#58
4-Methyl-2-Pentanone
Concen: 74.961 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 43 Resp: 247100
Ion Ratio Lower Upper
43 100
58 43.6 30.4 45.6
85 24.1 13.2 19.8#

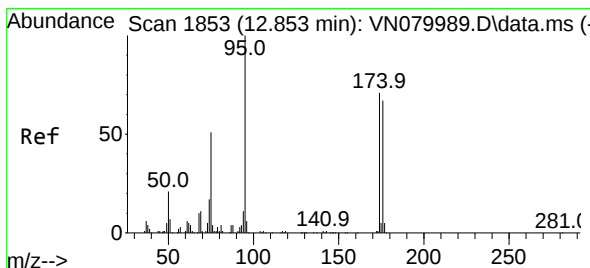
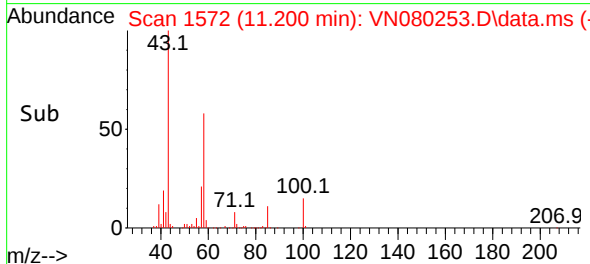
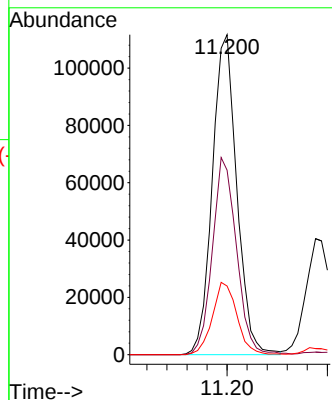
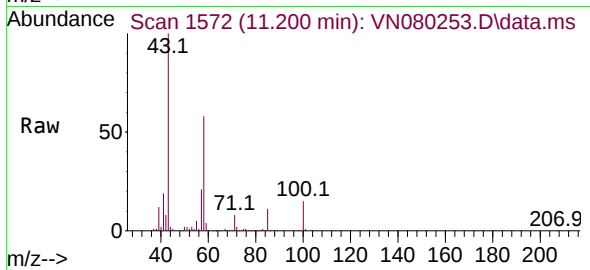




#59
2-Hexanone
Concen: 75.445 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

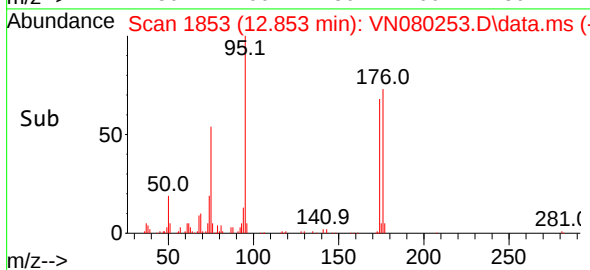
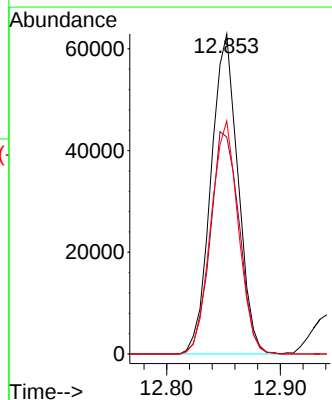
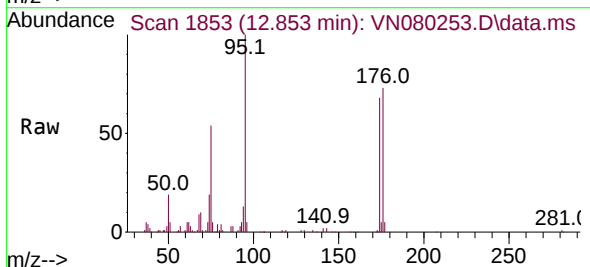
Instrument :
MSVOA_N
ClientSampleId :

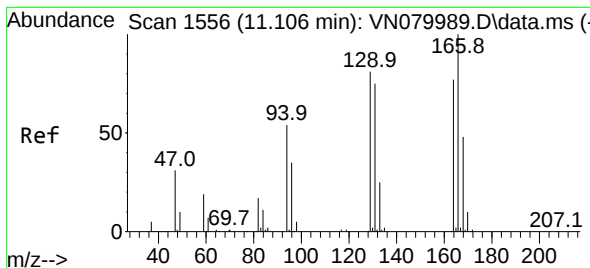
Tgt Ion: 43 Resp: 189449
Ion Ratio Lower Upper
43 100
58 60.6 42.3 63.5
57 22.6 13.9 20.9#



#60
4-Bromofluorobenzene
Concen: 32.924 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 95 Resp: 103885
Ion Ratio Lower Upper
95 100
174 74.6 60.5 90.7
176 74.0 57.2 85.8





#61

Tetrachloroethene

Concen: 25.384 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

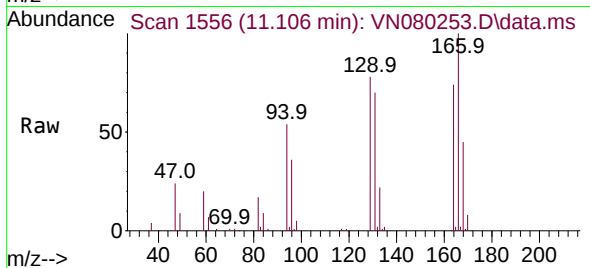
Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:164 Resp: 58721

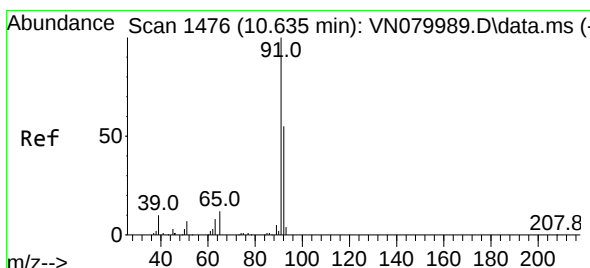
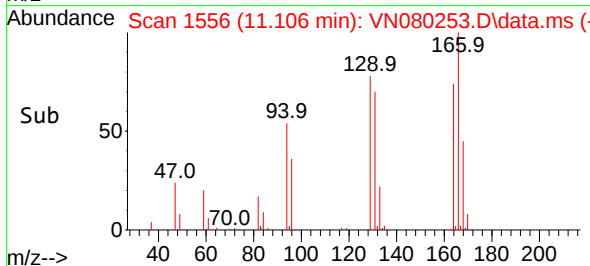
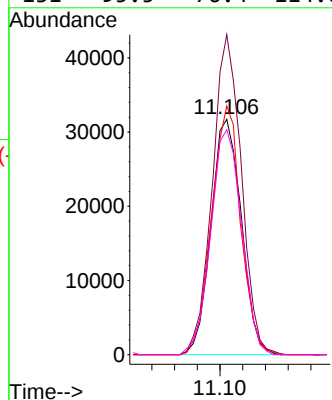
Ion Ratio Lower Upper

164 100

166 135.9 98.2 147.4

129 105.6 75.0 112.4

131 95.5 76.4 114.6



#62

Toluene

Concen: 20.584 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN080253.D

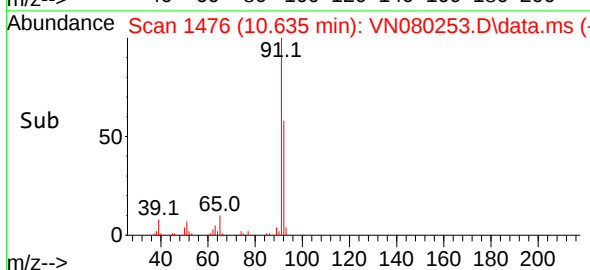
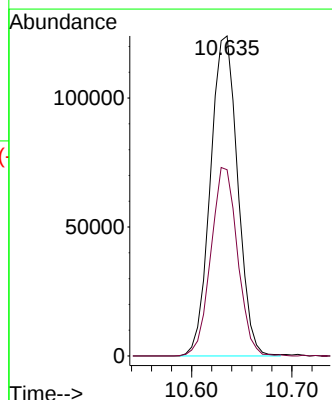
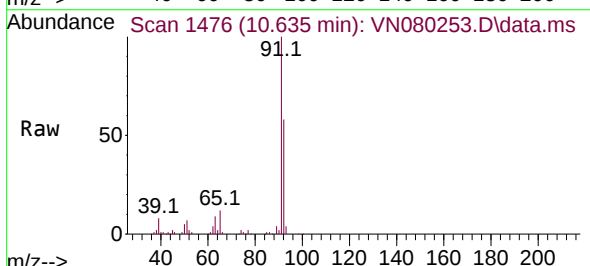
Acq: 24 Nov 2023 10:43

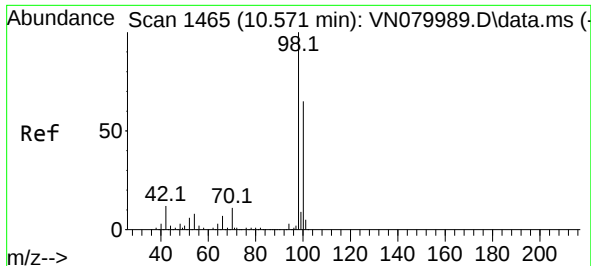
Tgt Ion: 91 Resp: 234907

Ion Ratio Lower Upper

91 100

92 57.6 45.3 67.9

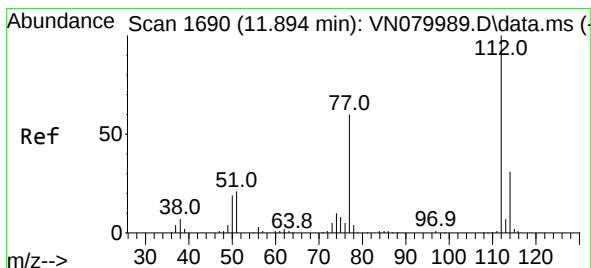
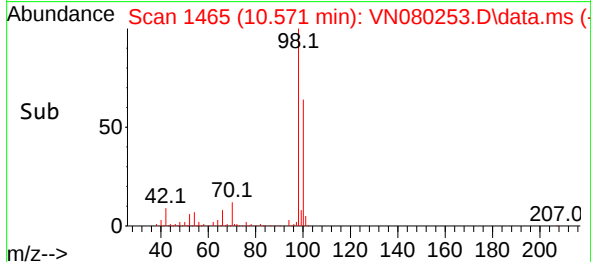
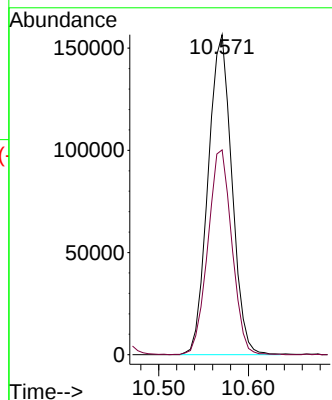
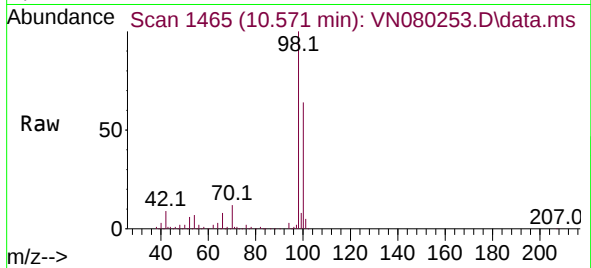




#63
Toluene-d8
Concen: 30.830 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

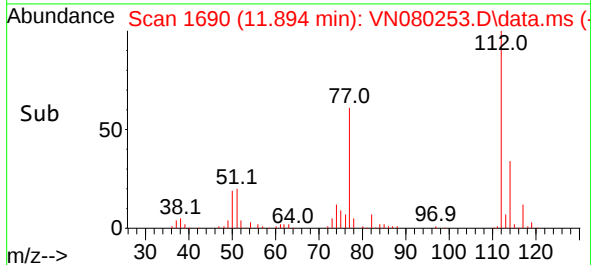
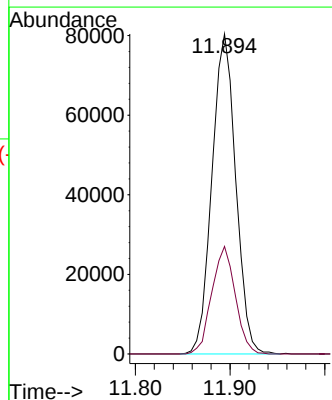
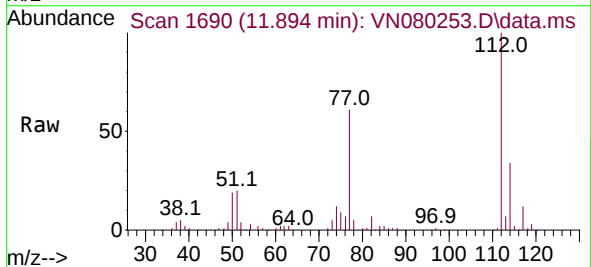
Instrument :
MSVOA_N
ClientSampleId :

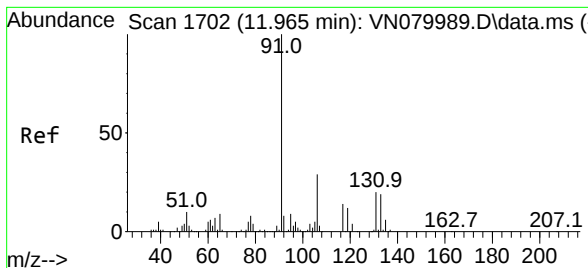
Tgt Ion: 98 Resp: 288229
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#64
Chlorobenzene
Concen: 20.597 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 112 Resp: 140271
Ion Ratio Lower Upper
112 100
114 33.6 28.1 42.1

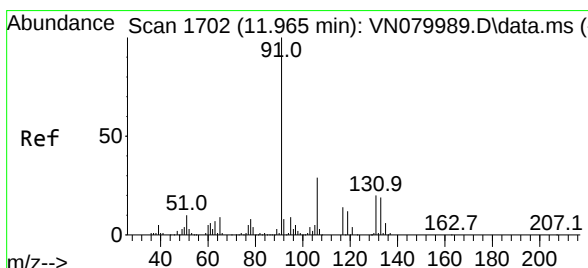
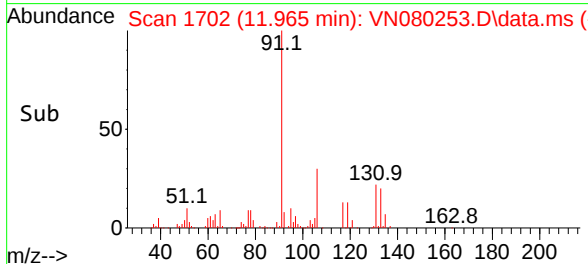
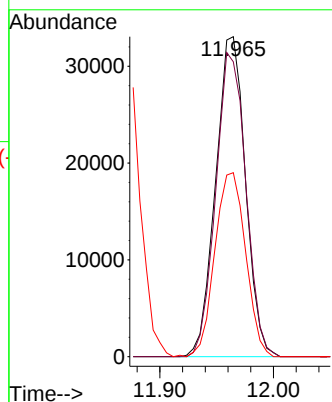
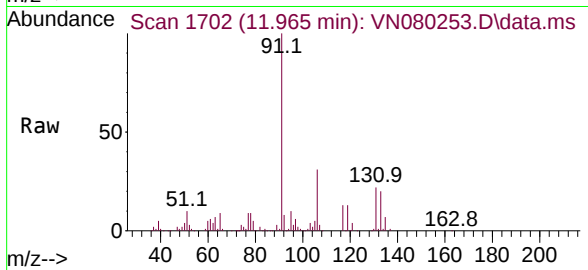




#65
1,1,1,2-Tetrachloroethane
Concen: 24.171 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

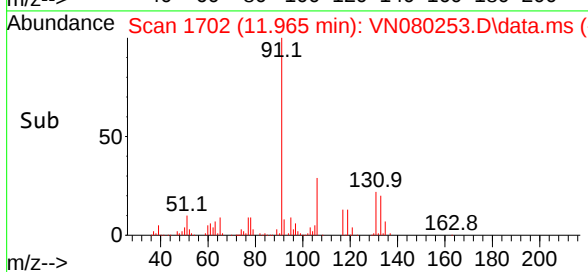
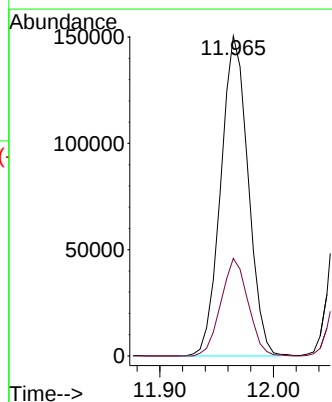
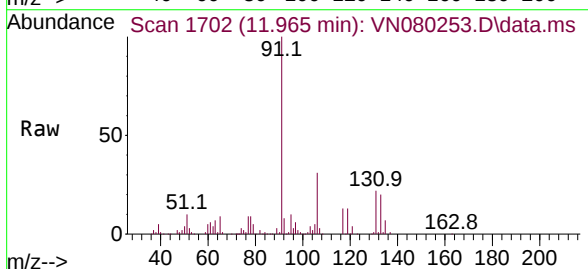
Instrument :
MSVOA_N
ClientSampleId :

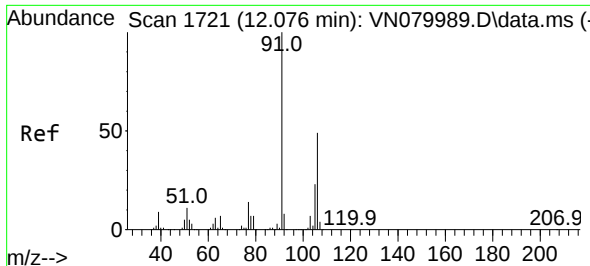
Tgt Ion:131 Resp: 60383
Ion Ratio Lower Upper
131 100
133 95.7 0.0 196.0
119 59.2 0.0 135.6



#66
Ethyl Benzene
Concen: 21.001 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 91 Resp: 251844
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8





#67

m/p-Xylenes

Concen: 43.864 ug/l

RT: 12.071 min Scan# 1721

Delta R.T. -0.005 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

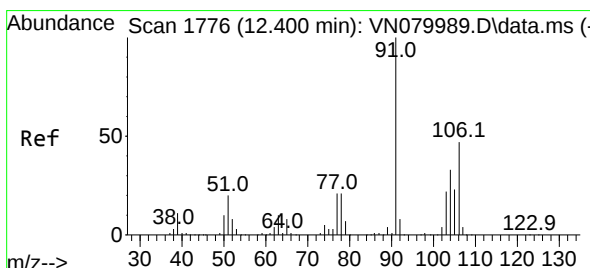
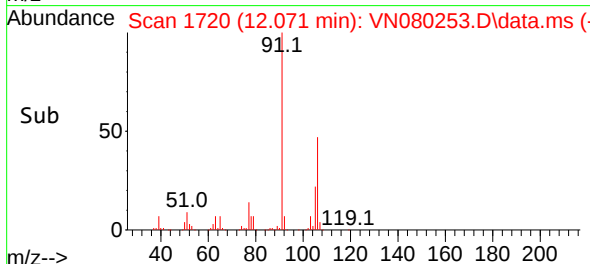
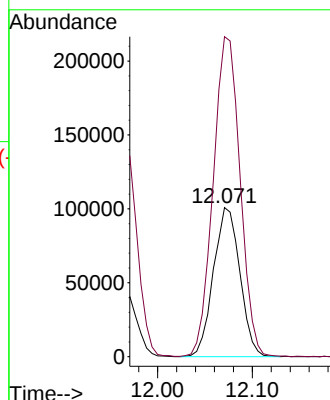
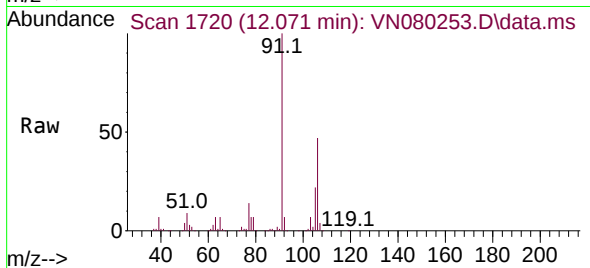
ClientSampleId :

Tgt Ion:106 Resp: 195836

Ion Ratio Lower Upper

106 100

91 218.6 161.8 242.6



#68

o-Xylene

Concen: 21.524 ug/l

RT: 12.400 min Scan# 1776

Delta R.T. -0.000 min

Lab File: VN080253.D

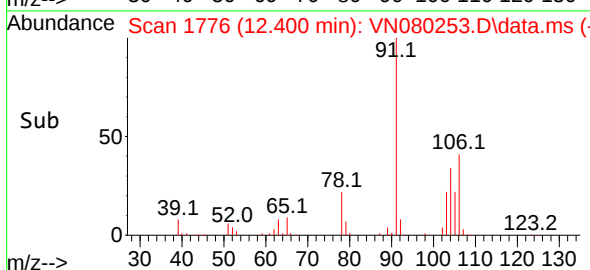
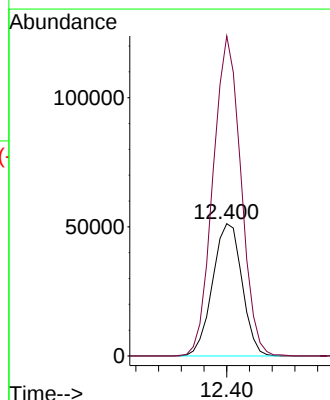
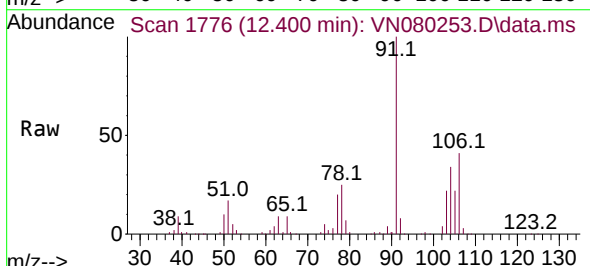
Acq: 24 Nov 2023 10:43

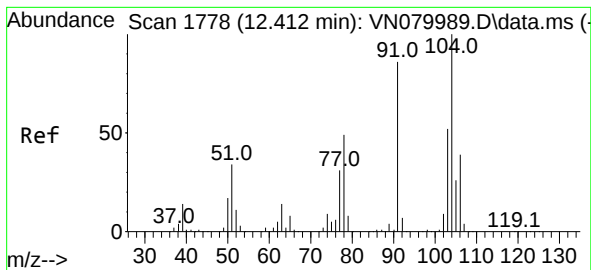
Tgt Ion:106 Resp: 92107

Ion Ratio Lower Upper

106 100

91 229.5 109.9 329.7





#69

Styrene

Concen: 21.764 ug/l

RT: 12.412 min Scan# 11

Delta R.T. -0.005 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

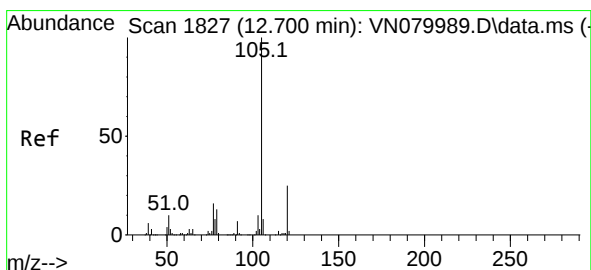
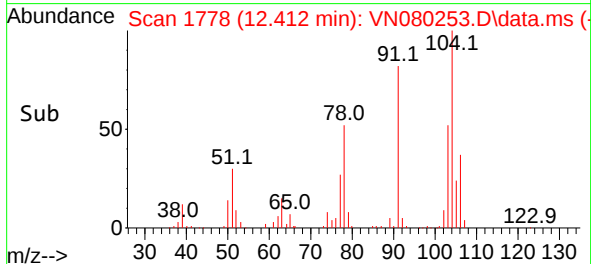
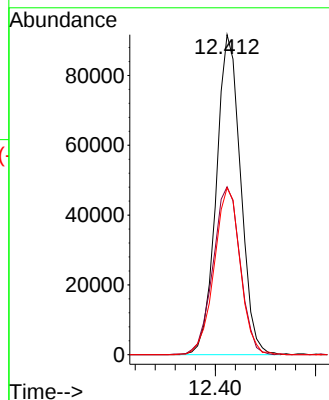
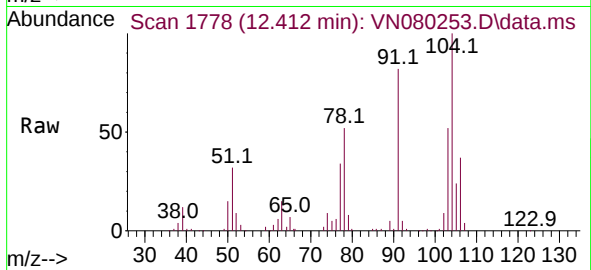
Tgt Ion:104 Resp: 154176

Ion Ratio Lower Upper

104 100

78 58.3 41.2 61.8

103 55.7 43.1 64.7



#70

Isopropylbenzene

Concen: 22.520 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. -0.000 min

Lab File: VN080253.D

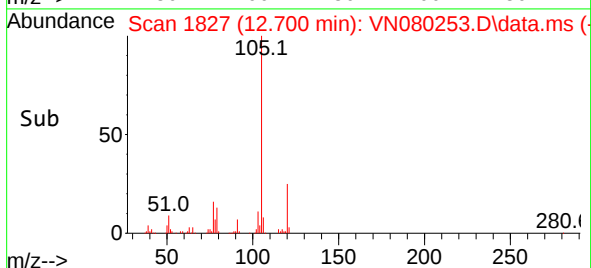
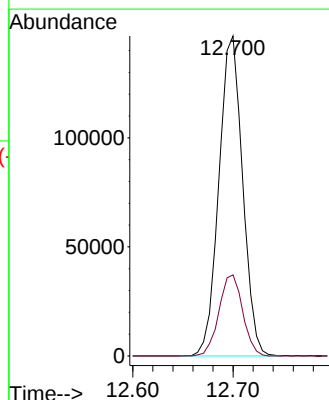
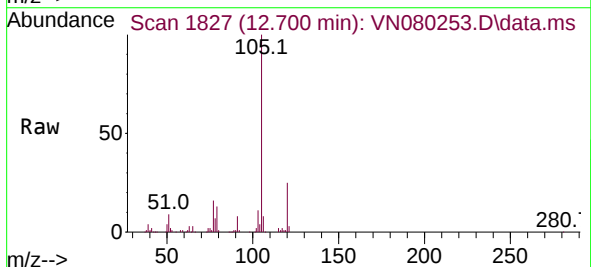
Acq: 24 Nov 2023 10:43

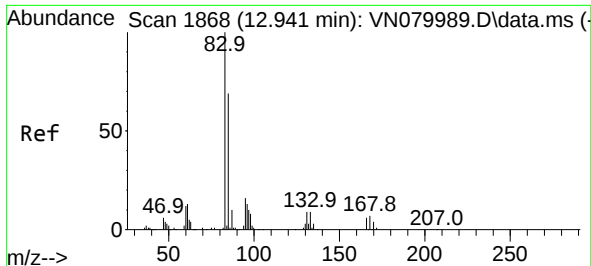
Tgt Ion:105 Resp: 240382

Ion Ratio Lower Upper

105 100

120 25.3 18.1 33.5

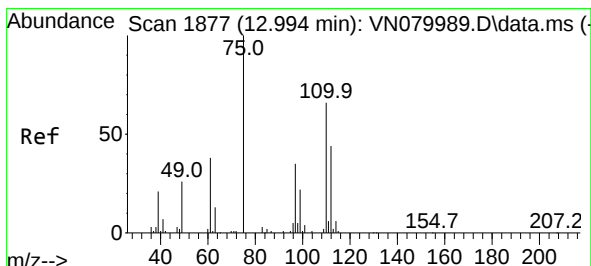
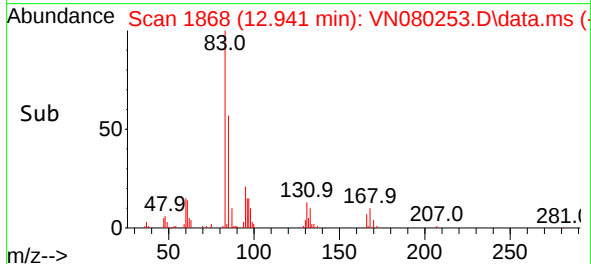
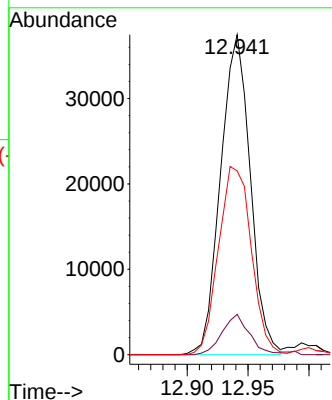
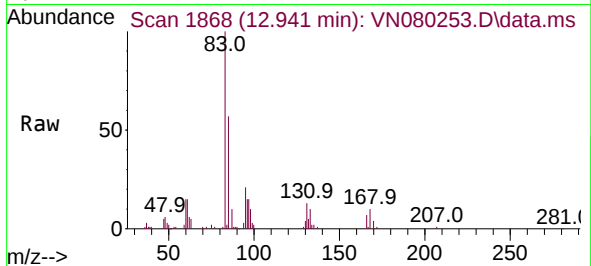




#71
1,1,2,2-Tetrachloroethane
Concen: 17.512 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

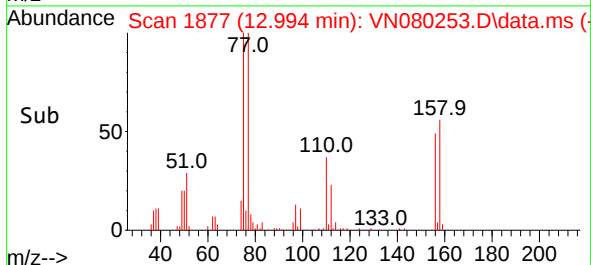
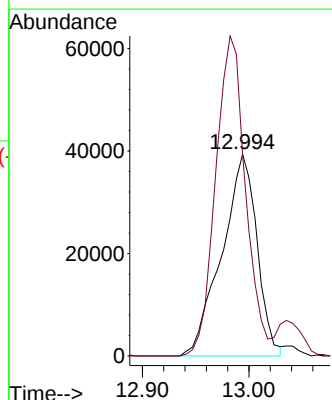
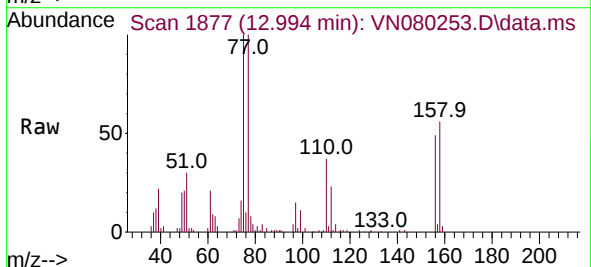
Instrument :
MSVOA_N
ClientSampleId :

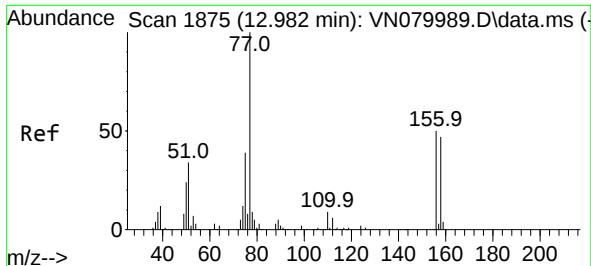
Tgt Ion: 83 Resp: 63667
Ion Ratio Lower Upper
83 100
131 11.7 4.5 13.4
85 64.7 32.1 96.3



#72
1,2,3-Trichloropropane
Concen: 26.765 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 75 Resp: 90415
Ion Ratio Lower Upper
75 100
77 133.9 0.0 338.2

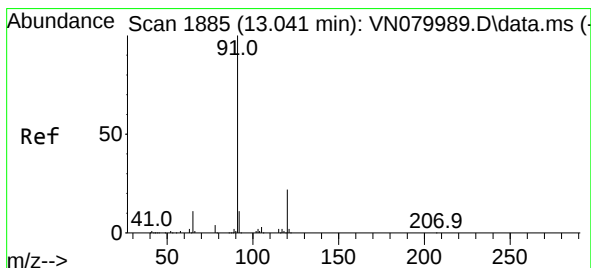
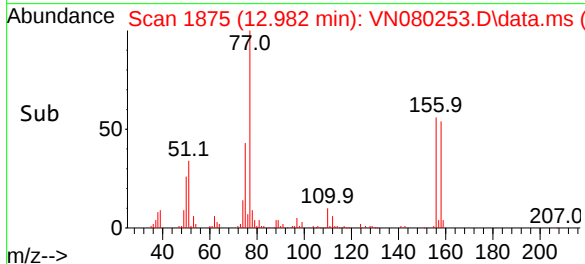
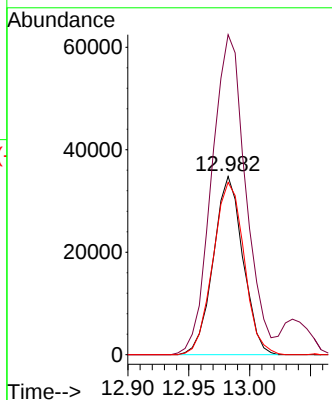
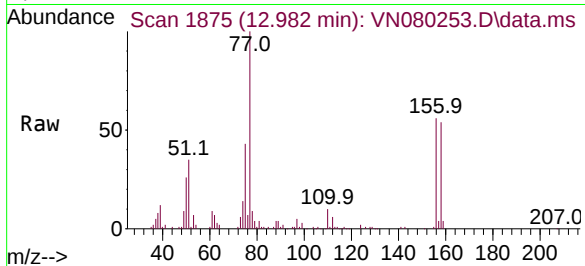




#73
Bromobenzene
Concen: 22.406 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

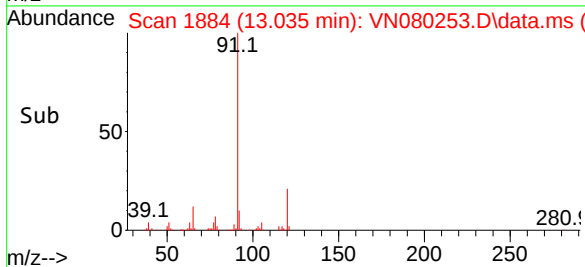
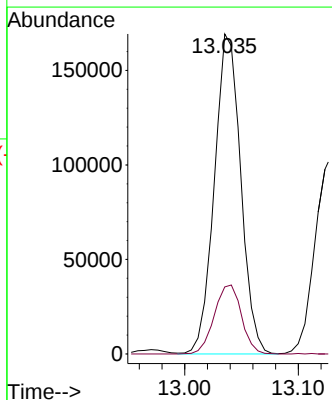
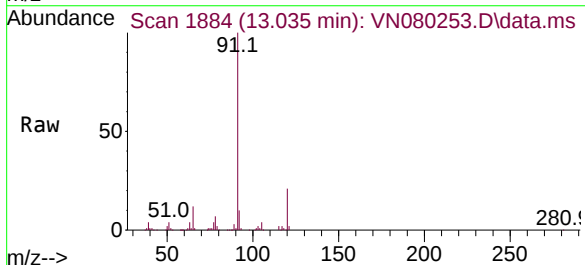
Instrument :
MSVOA_N
ClientSampleId :

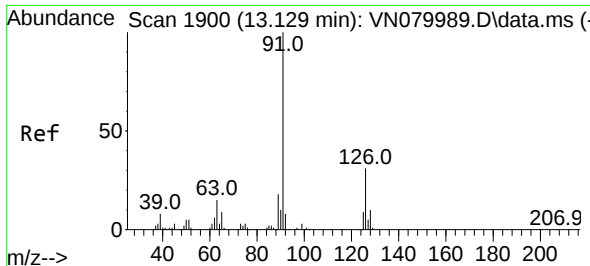
Tgt Ion:156 Resp: 58797
Ion Ratio Lower Upper
156 100
77 205.9 0.0 448.2
158 101.5 0.0 194.8



#74
n-propylbenzene
Concen: 21.407 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 91 Resp: 273359
Ion Ratio Lower Upper
91 100
120 22.1 0.0 42.0

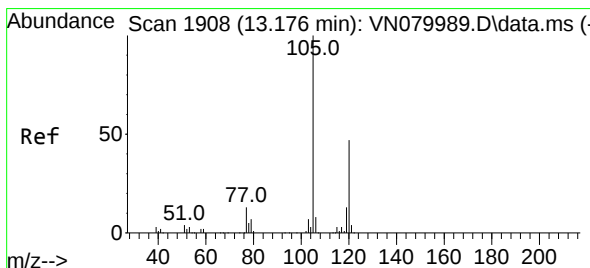
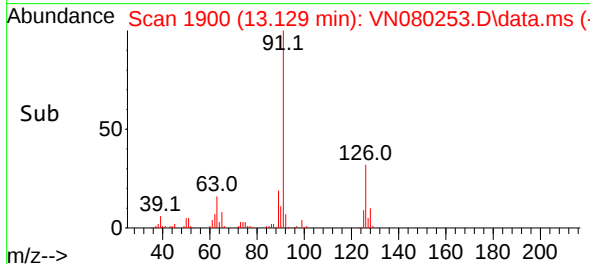
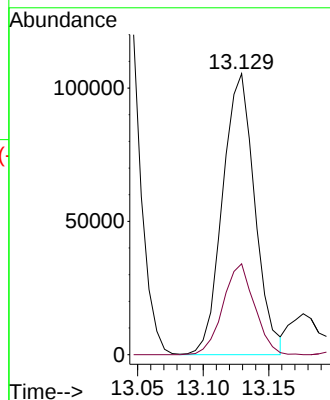
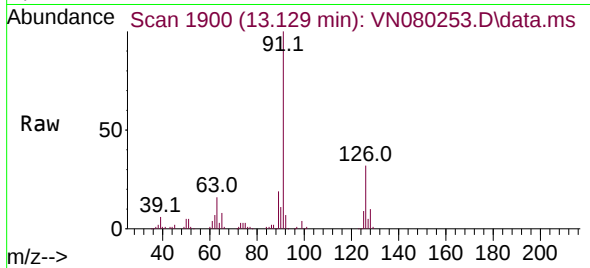




#75
2-Chlorotoluene
Concen: 22.237 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

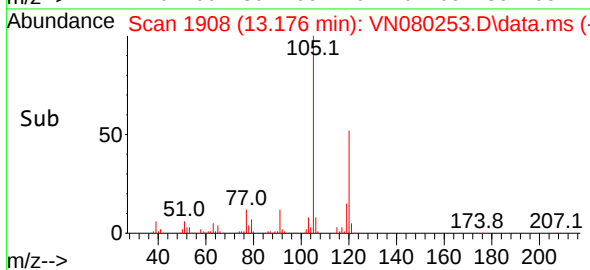
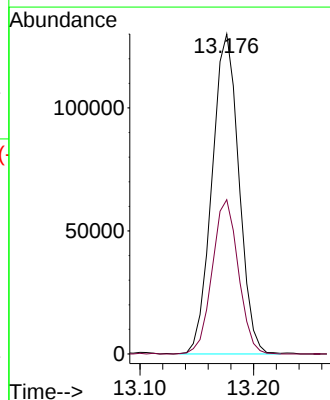
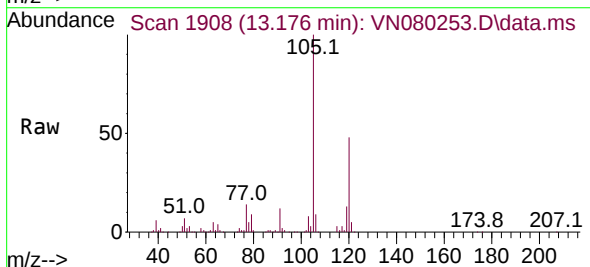
Instrument :
MSVOA_N
ClientSampleId :

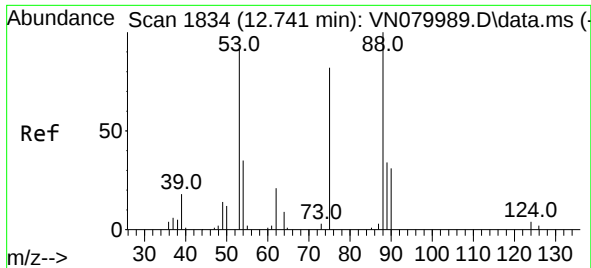
Tgt Ion: 91 Resp: 180490
Ion Ratio Lower Upper
91 100
126 31.5 0.0 64.6



#76
1,3,5-Trimethylbenzene
Concen: 24.236 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion:105 Resp: 213978
Ion Ratio Lower Upper
105 100
120 46.8 0.0 93.2

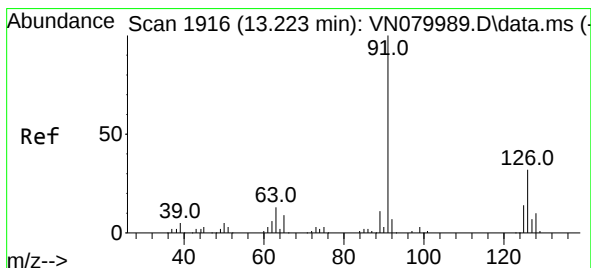
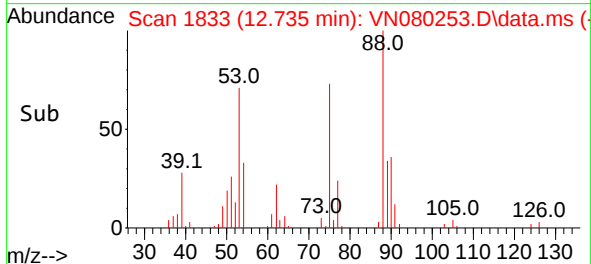
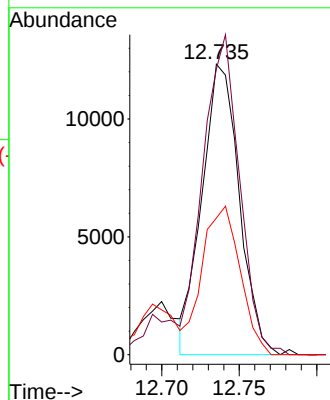
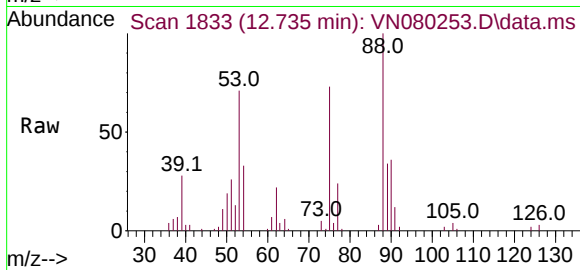




#77
t-1,4-Dichloro-2-butene
Concen: 18.638 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

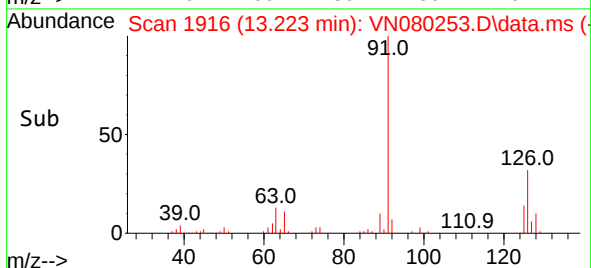
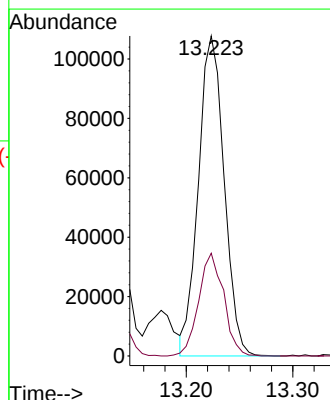
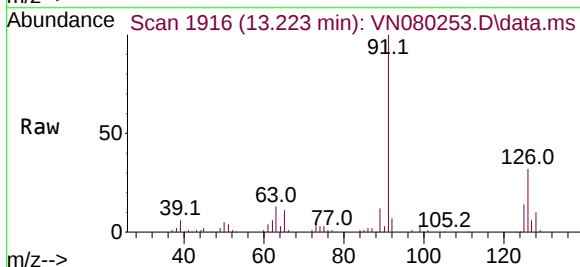
Instrument :
MSVOA_N
ClientSampleId :

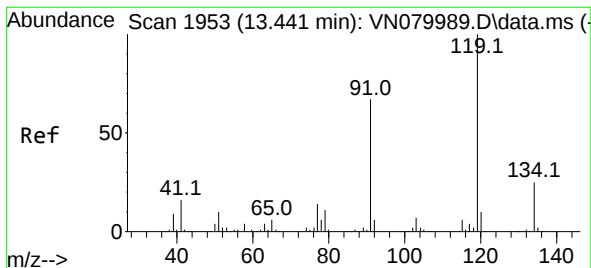
Tgt Ion: 75 Resp: 20616
Ion Ratio Lower Upper
75 100
53 96.1 53.0 159.1
89 47.0 22.6 67.7



#78
4-Chlorotoluene
Concen: 22.495 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion: 91 Resp: 181339
Ion Ratio Lower Upper
91 100
126 31.2 0.0 65.4

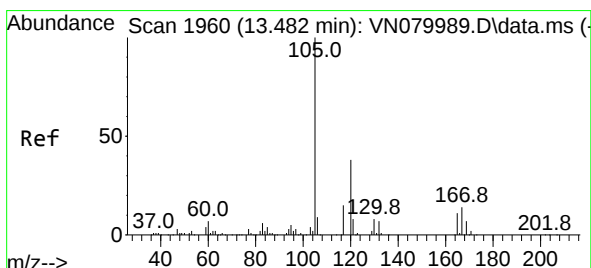
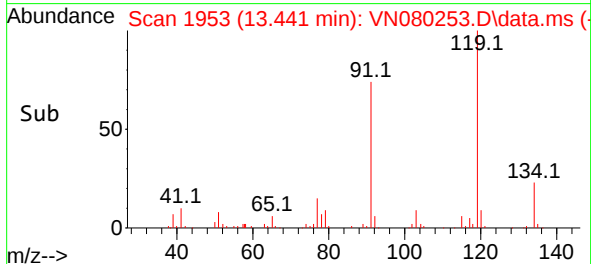
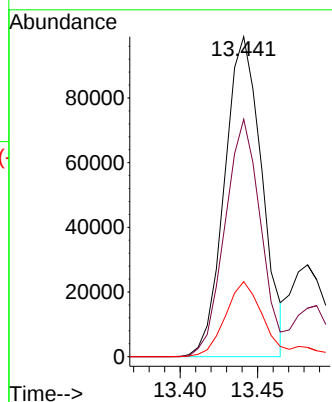
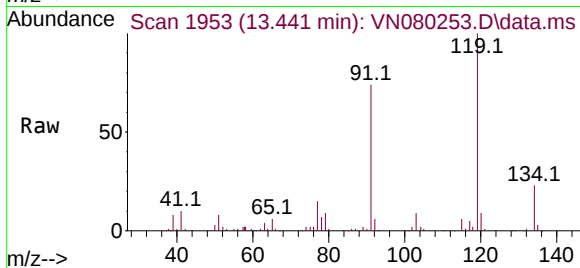




#79
tert-butylbenzene
Concen: 23.996 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

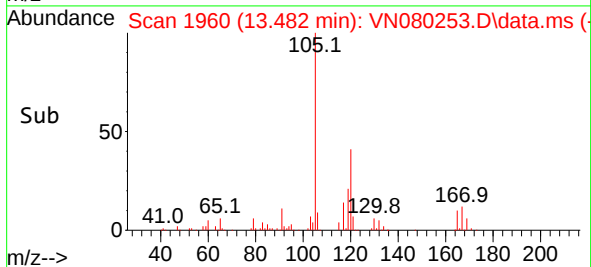
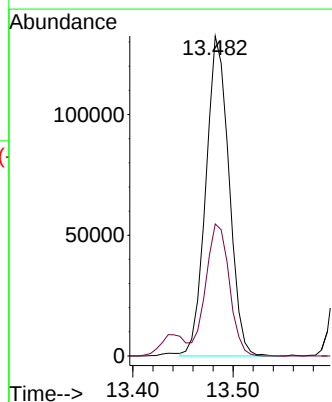
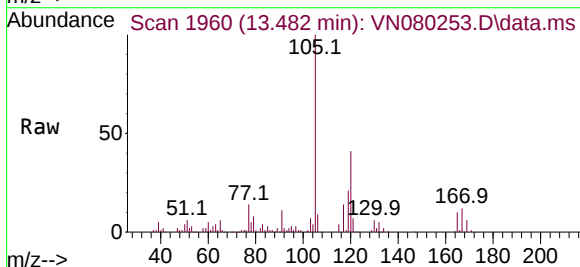
Instrument :
MSVOA_N
ClientSampleId :

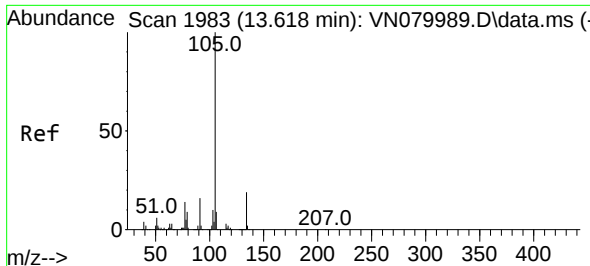
Tgt Ion:119 Resp: 165912
Ion Ratio Lower Upper
119 100
91 70.5 0.0 140.6
134 23.2 0.0 49.8



#80
1,2,4-Trimethylbenzene
Concen: 24.497 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion:105 Resp: 212077
Ion Ratio Lower Upper
105 100
120 42.7 0.0 88.6

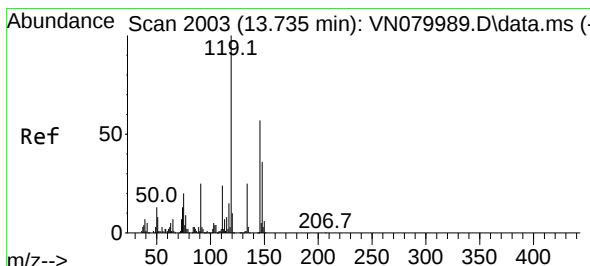
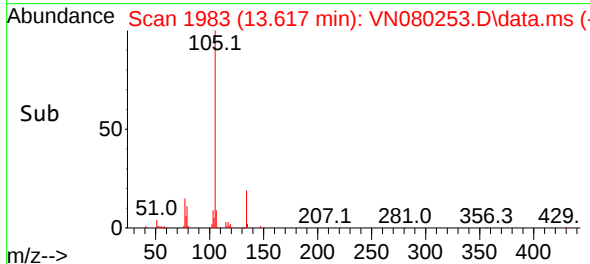
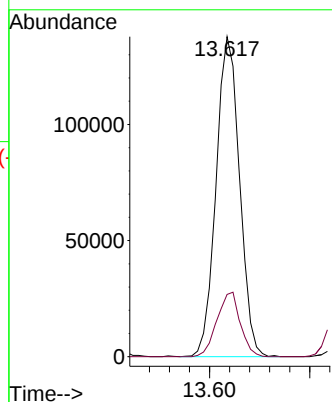
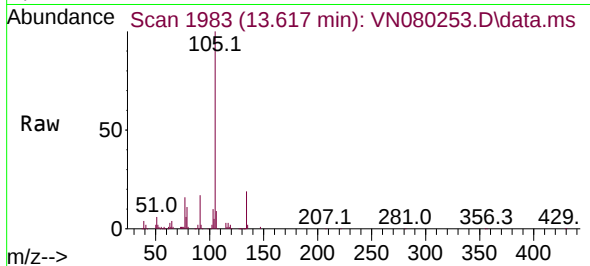




#81
 sec-Butylbenzene
 Concen: 22.920 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

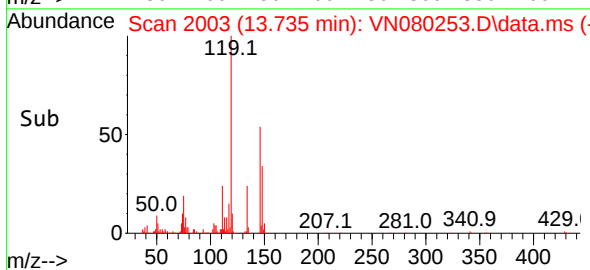
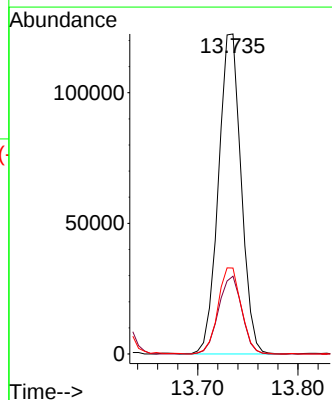
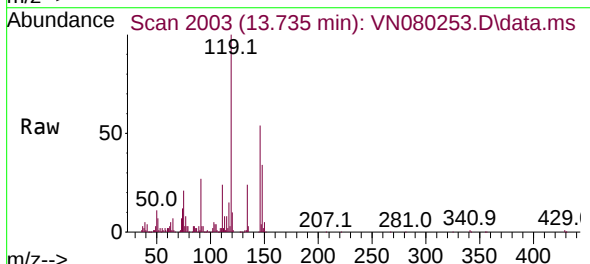
Instrument :
 MSVOA_N
 ClientSampleId :

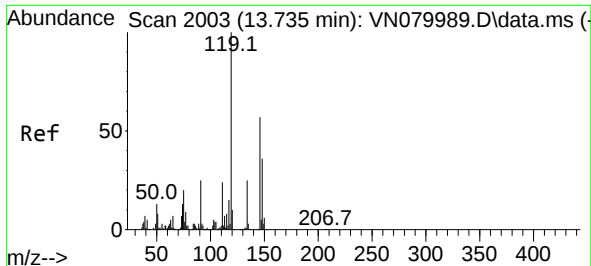
Tgt Ion:105 Resp: 223697
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 38.2



#82
 p-Isopropyltoluene
 Concen: 24.285 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN080253.D
 Acq: 24 Nov 2023 10:43

Tgt Ion:119 Resp: 192497
 Ion Ratio Lower Upper
 119 100
 134 25.0 0.0 52.2
 91 27.6 0.0 50.0

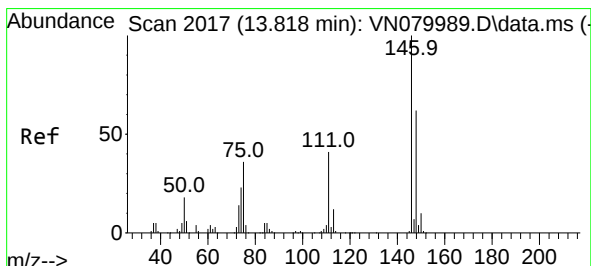
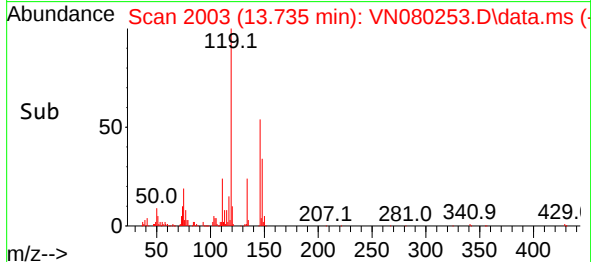
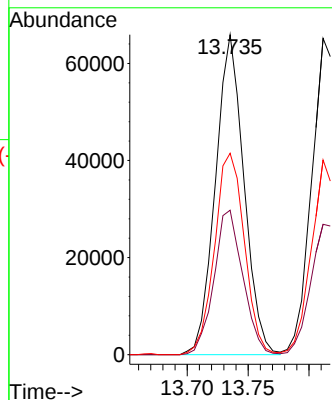
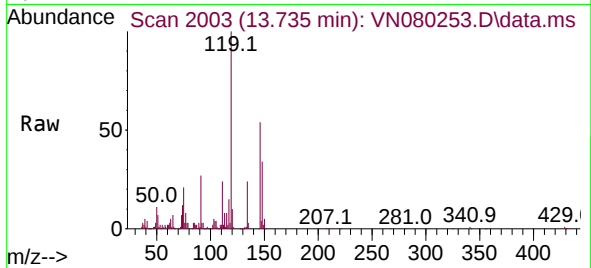




#83
1,3-Dichlorobenzene
Concen: 22.482 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

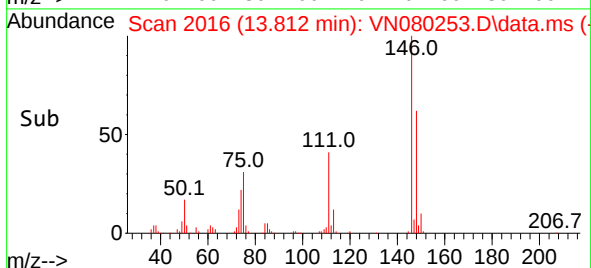
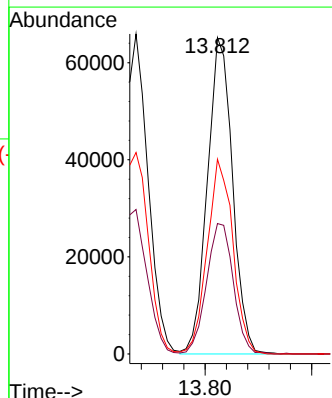
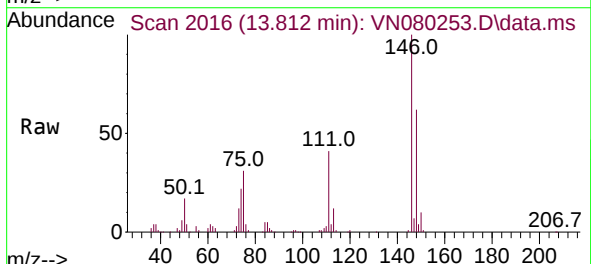
Instrument :
MSVOA_N
ClientSampleId :

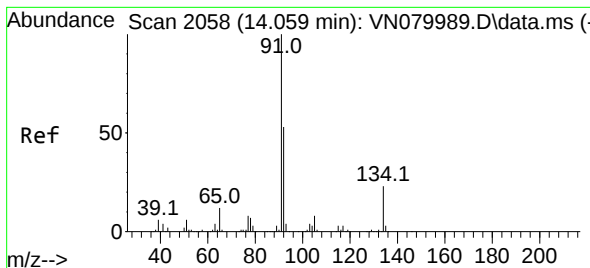
Tgt Ion:146 Resp: 107503
Ion Ratio Lower Upper
146 100
111 45.8 21.0 63.0
148 65.9 32.4 97.0



#84
1,4-Dichlorobenzene
Concen: 22.810 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.005 min
Lab File: VN080253.D
Acq: 24 Nov 2023 10:43

Tgt Ion:146 Resp: 107058
Ion Ratio Lower Upper
146 100
111 43.6 19.9 59.7
148 62.7 32.6 97.7





#85

n-Butylbenzene

Concen: 22.351 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

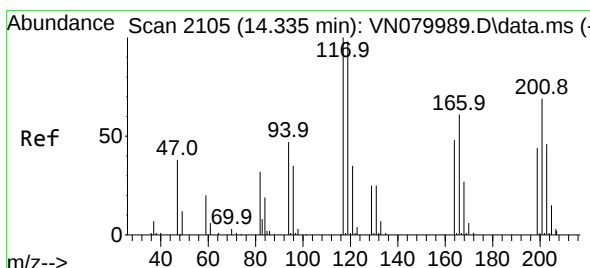
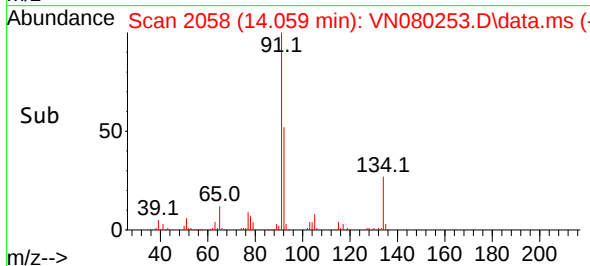
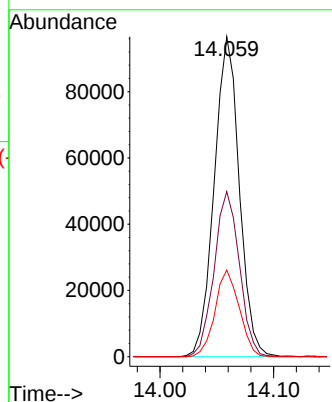
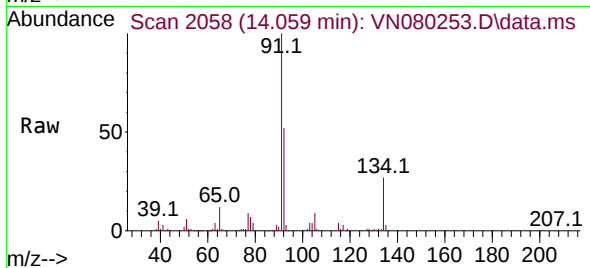
Tgt Ion: 91 Resp: 148174

Ion Ratio Lower Upper

91 100

92 52.0 0.0 99.6

134 26.1 0.0 46.2



#86

Hexachloroethane

Concen: 22.981 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.000 min

Lab File: VN080253.D

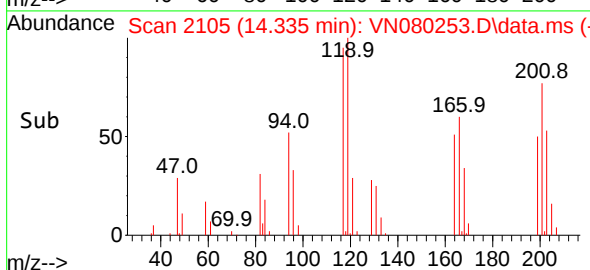
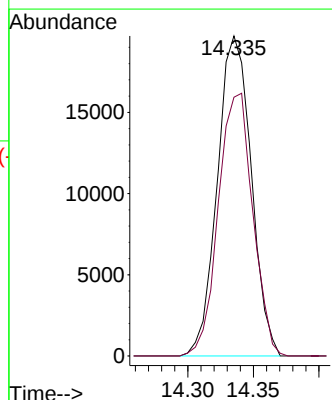
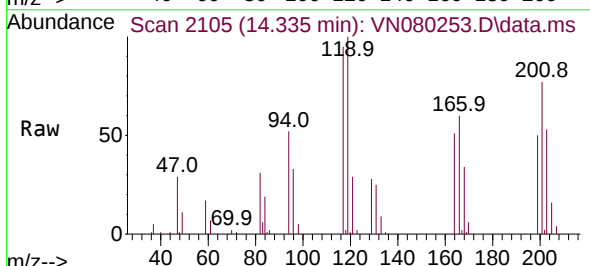
Acq: 24 Nov 2023 10:43

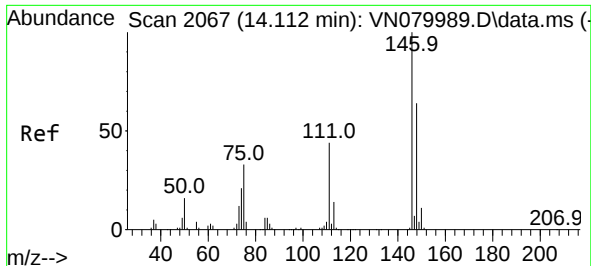
Tgt Ion: 117 Resp: 35422

Ion Ratio Lower Upper

117 100

201 83.4 32.5 97.5





#87

1,2-Dichlorobenzene

Concen: 23.031 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.005 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

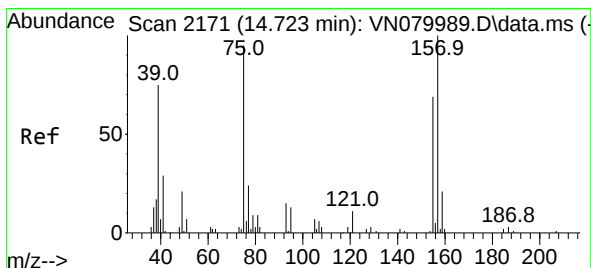
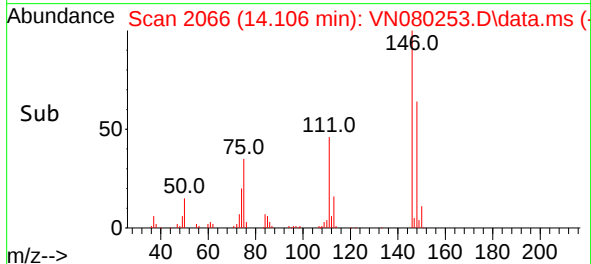
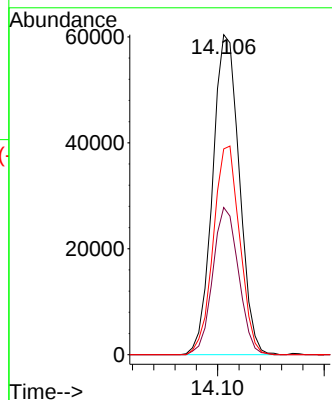
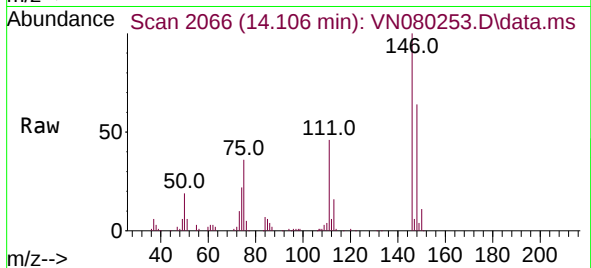
Tgt Ion:146 Resp: 105212

Ion Ratio Lower Upper

146 100

111 44.4 22.0 66.0

148 64.6 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.215 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

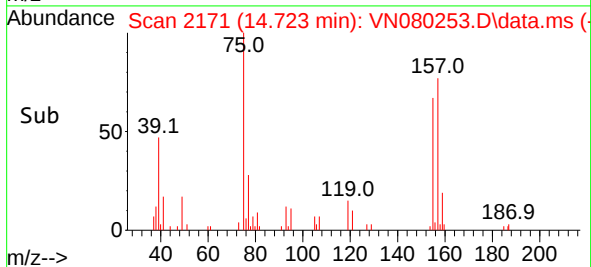
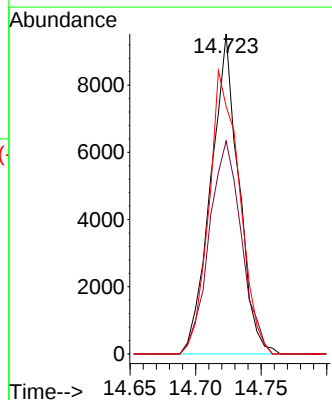
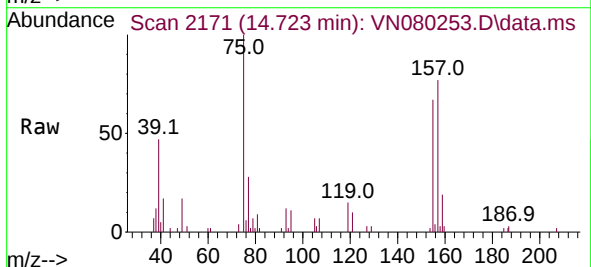
Tgt Ion: 75 Resp: 14105

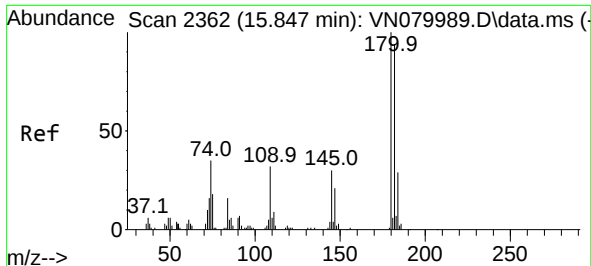
Ion Ratio Lower Upper

75 100

155 76.6 60.7 91.1

157 96.7 76.8 115.2





#89

1,2,4-Trichlorobenzene

Concen: 22.853 ug/l

RT: 15.841 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

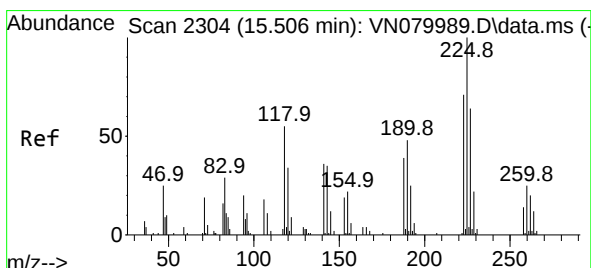
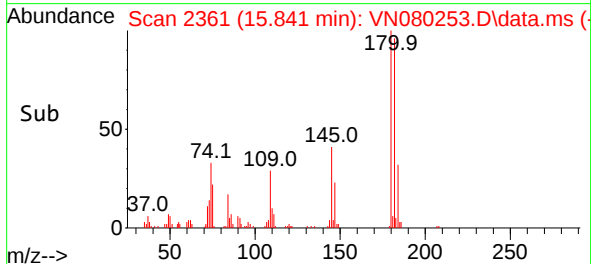
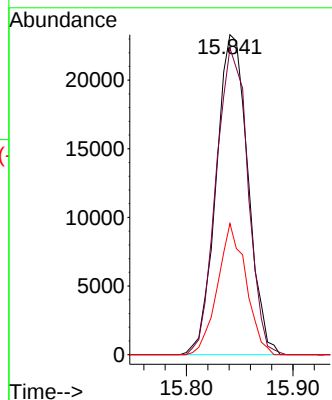
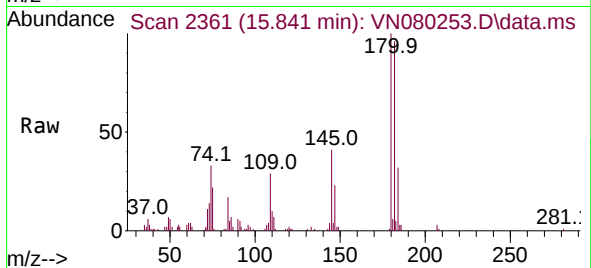
Tgt Ion:180 Resp: 48365

Ion Ratio Lower Upper

180 100

182 95.7 74.2 111.4

145 36.6 25.4 38.2



#90

Hexachlorobutadiene

Concen: 29.505 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.001 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

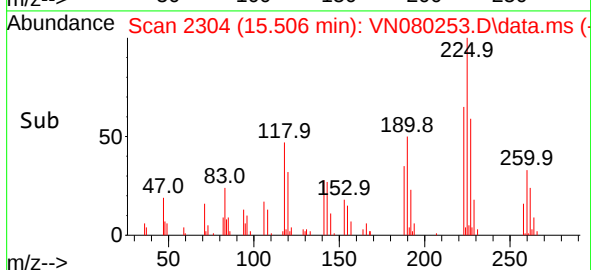
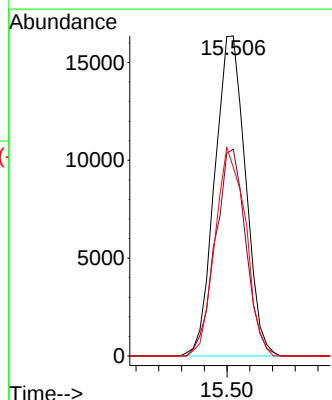
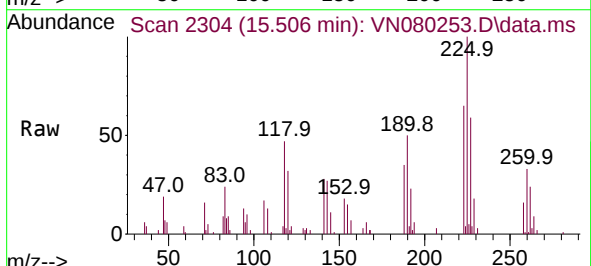
Tgt Ion:225 Resp: 30775

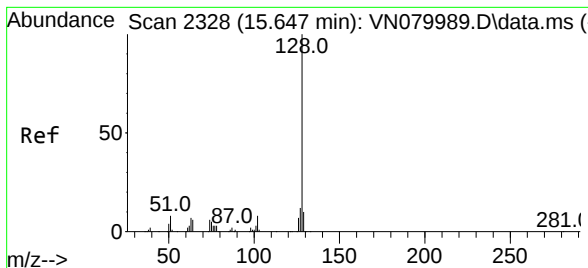
Ion Ratio Lower Upper

225 100

223 63.8 0.0 126.0

227 64.9 0.0 127.0





#91

Naphthalene

Concen: 19.068 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Instrument :

MSVOA_N

ClientSampleId :

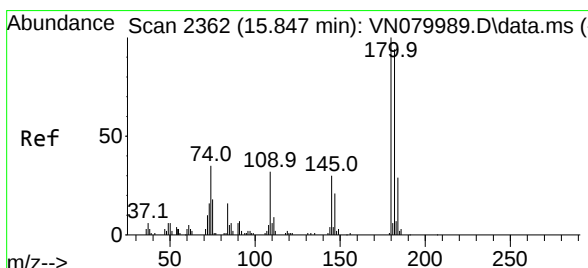
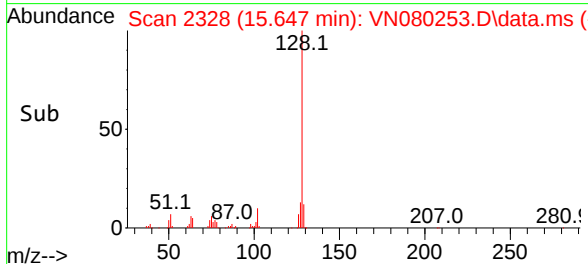
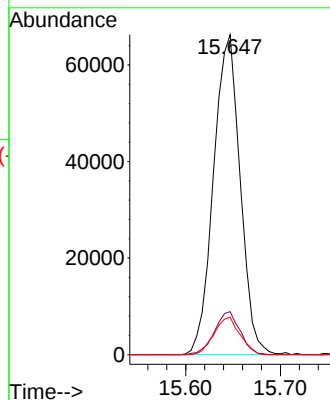
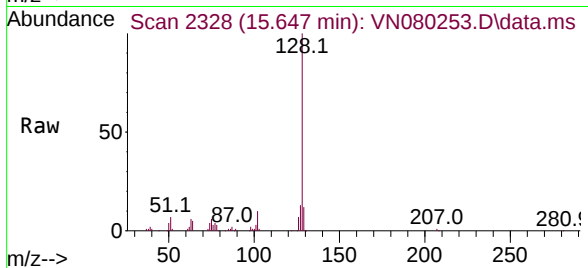
Tgt Ion:128 Resp: 129509

Ion Ratio Lower Upper

128 100

127 12.9 10.9 16.3

129 11.4 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 22.853 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN080253.D

Acq: 24 Nov 2023 10:43

Tgt Ion:180 Resp: 48365

Ion Ratio Lower Upper

180 100

182 95.7 0.0 185.6

145 36.6 0.0 63.6

