

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122123\
 Data File : VN080589.D
 Acq On : 21 Dec 2023 21:23
 Operator : JC\MD
 Sample : 05978-01 20X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 22 04:10:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	291673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	570948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	595837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	200935	53.937	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.880%	
35) Dibromofluoromethane	8.165	113	191297	52.844	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.680%	
50) Toluene-d8	10.571	98	683705	50.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.280%	
62) 4-Bromofluorobenzene	12.847	95	263352	51.369	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.740%	

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	4931	0.869	ug/l	95
5) Bromomethane	2.965	94	560	0.390	ug/l #	72
6) Chloroethane	3.283	64	508	0.248	ug/l #	43
11) Tert butyl alcohol	5.506	59	2413	5.500	ug/l #	72
13) Acrolein	4.183	56	873	1.817	ug/l	83
15) Acrylonitrile	5.718	53	1558	1.257	ug/l #	77
16) Acetone	4.430	43	2992	4.530	ug/l #	65
17) Carbon Disulfide	4.712	76	10379	1.168	ug/l #	75
18) Methyl Acetate	5.030	43	8515	2.003	ug/l	89
20) Methylene Chloride	5.265	84	1456	0.412	ug/l #	83
21) trans-1,2-Dichloroethene	5.777	96	706	0.208	ug/l #	59
25) 2-Butanone	7.489	43	694	0.545	ug/l #	37
29) Tetrahydrofuran	7.847	42	407	0.447	ug/l #	39
31) Cyclohexane	8.224	56	5953	1.175	ug/l #	9
38) Carbon Tetrachloride	8.230	117	30644	4.333	ug/l #	17
39) Methylcyclohexane	9.600	83	1346	0.219	ug/l	93
43) Isopropyl Acetate	8.694	43	1644	0.247	ug/l #	49
49) 1,4-Dioxane	9.694	88	101	1.675	ug/l #	85
51) 4-Methyl-2-Pentanone	10.453	43	898	0.245	ug/l #	64
59) 2-Hexanone	11.200	43	1223	0.451	ug/l	71
68) m/p-Xylenes	12.076	106	1810	0.201	ug/l #	73
76) 1,2,3-Trichloropropane	12.847	75	131055	25.305	ug/l #	1
78) n-propylbenzene	13.035	91	5221	0.227	ug/l	98
79) 2-Chlorotoluene	13.129	91	3139	0.209	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.847	75	131055	66.441	ug/l #	15
82) 4-Chlorotoluene	13.223	91	3593	0.233	ug/l	88
83) tert-Butylbenzene	13.441	119	3721	0.253	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	3583	0.201	ug/l	79
85) sec-Butylbenzene	13.618	105	6145	0.327	ug/l	95
86) p-Isopropyltoluene	13.735	119	5197	0.306	ug/l	93
87) 1,3-Dichlorobenzene	13.729	146	3185	0.352	ug/l	98
88) 1,4-Dichlorobenzene	13.729	146	3185	0.349	ug/l	97
89) n-Butylbenzene	14.059	91	8702	0.613	ug/l	96
90) Hexachloroethane	14.335	117	1058	0.392	ug/l	67
91) 1,2-Dichlorobenzene	14.106	146	2388	0.278	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	4737	0.994	ug/l	91

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

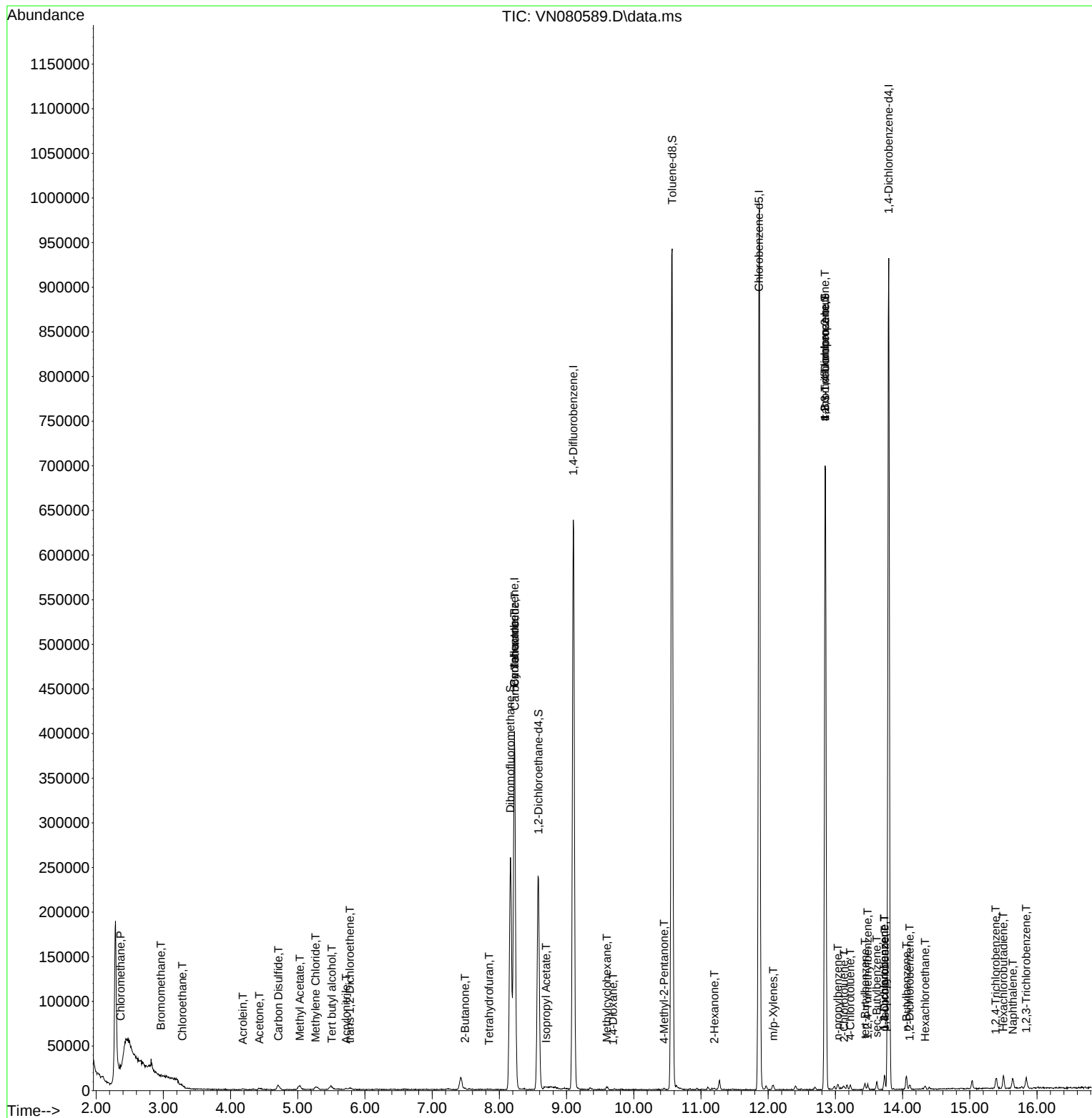
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.500	225	2849	1.050	ug/l	95
95) Naphthalene	15.641	128	10710	0.740	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.841	180	4748	1.032	ug/l	93

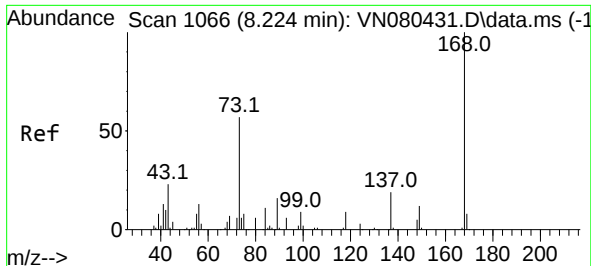
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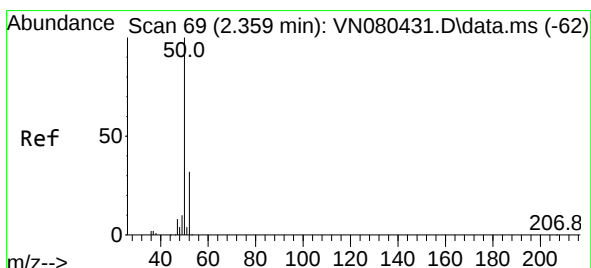
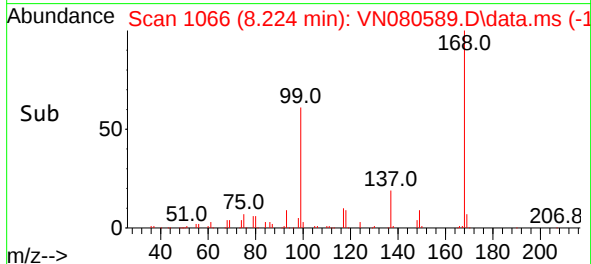
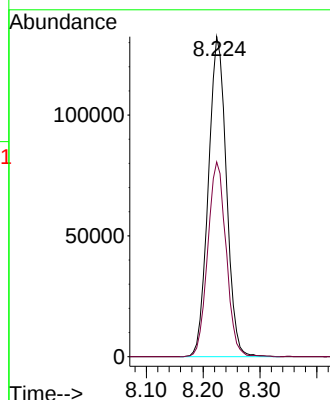
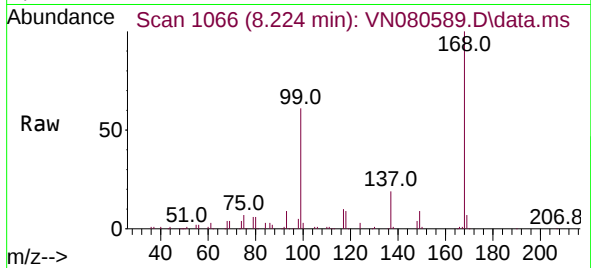




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

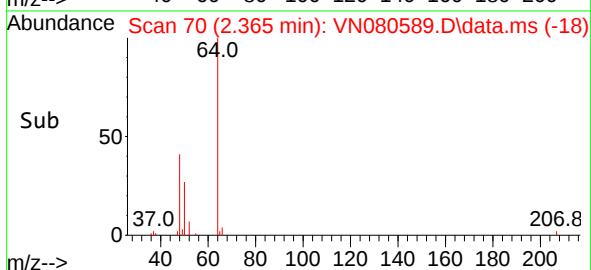
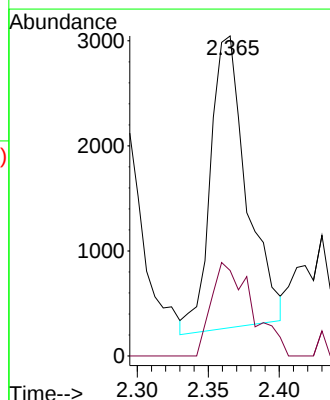
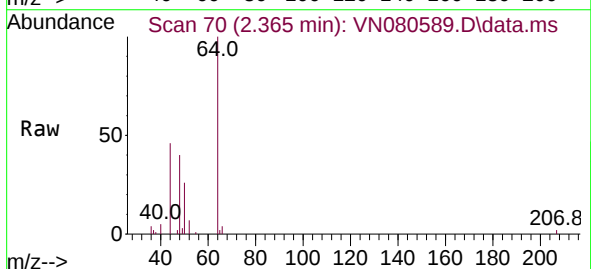
Instrument :
MSVOA_N
ClientSampleId :

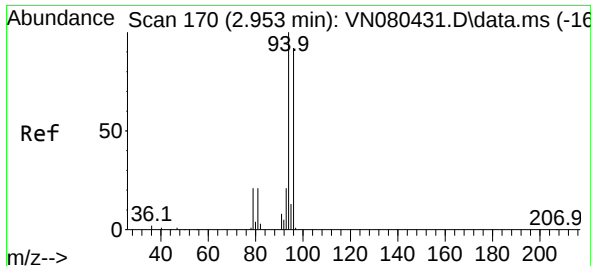
Tgt Ion:168 Resp: 291673
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#3
Chloromethane
Concen: 0.869 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 50 Resp: 4931
Ion Ratio Lower Upper
50 100
52 30.0 26.5 39.7

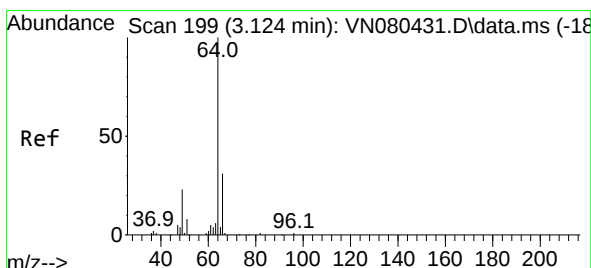
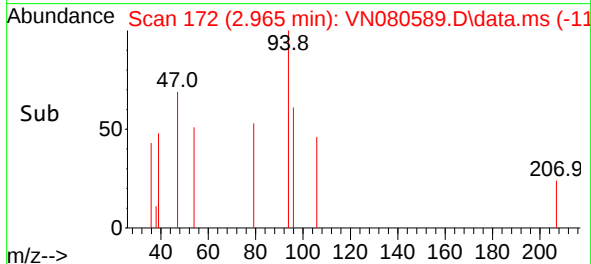
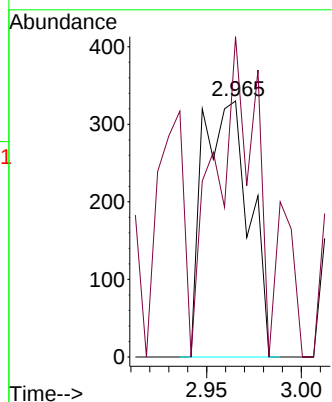
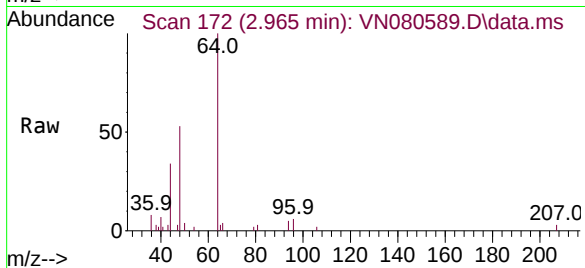




#5
Bromomethane
Concen: 0.390 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

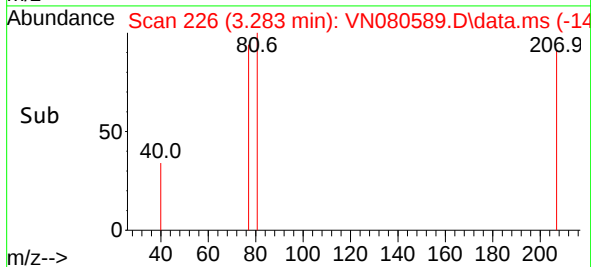
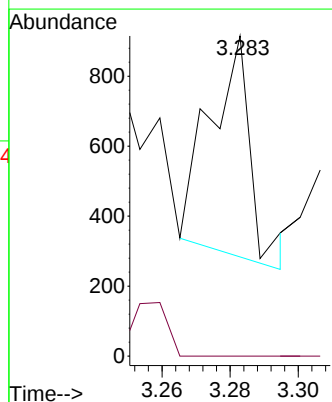
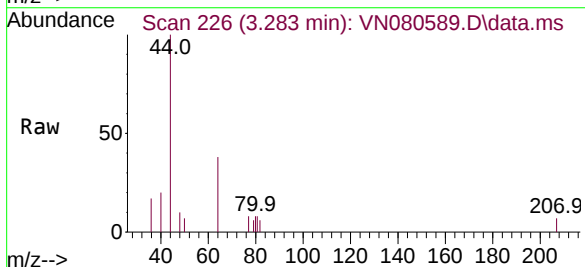
Instrument :
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ClientSampleId :

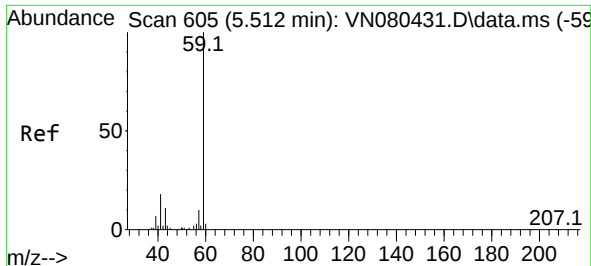
Tgt Ion: 94 Resp: 560
Ion Ratio Lower Upper
94 100
96 64.5 73.1 109.7#



#6
Chloroethane
Concen: 0.248 ug/l
RT: 3.283 min Scan# 226
Delta R.T. 0.159 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

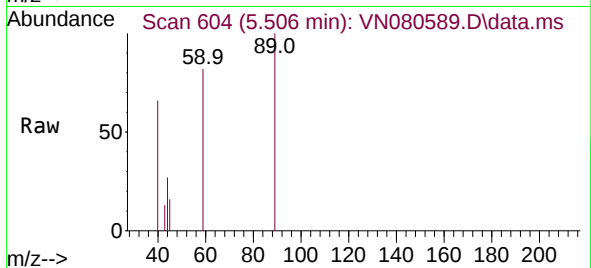
Tgt Ion: 64 Resp: 508
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



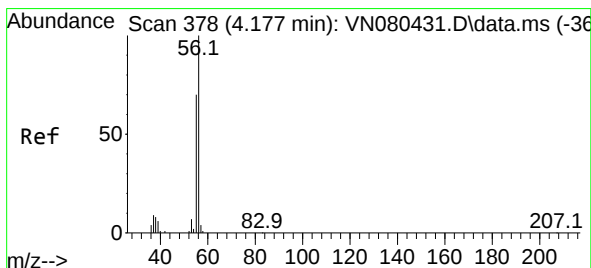
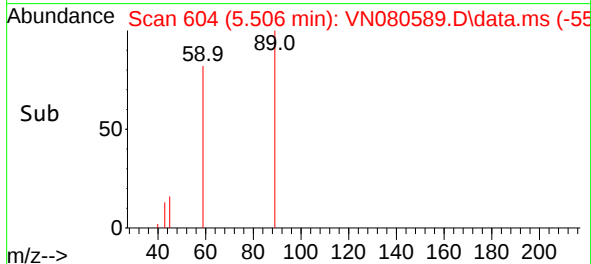
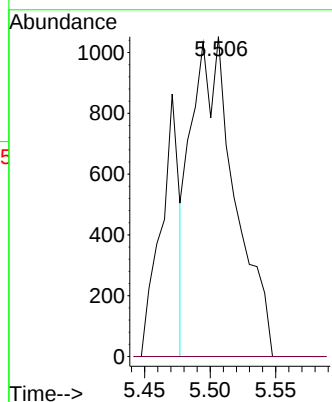


#11
Tert butyl alcohol
Concen: 5.500 ug/l
RT: 5.506 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :

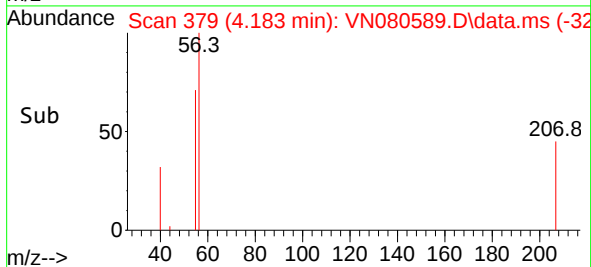
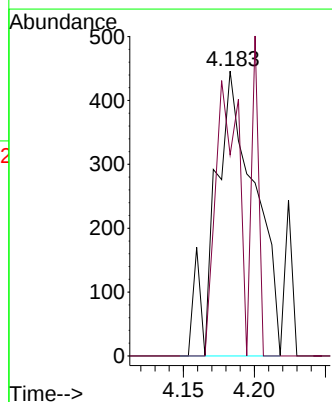
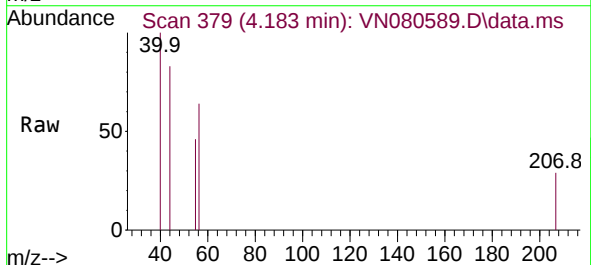


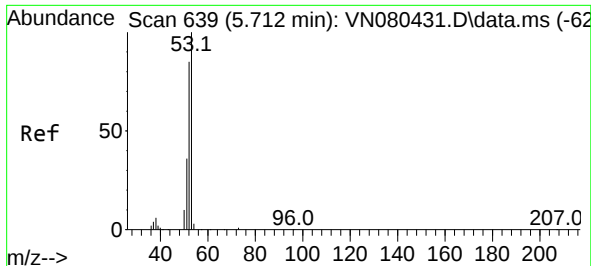
Tgt Ion: 59 Resp: 2413
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#13
Acrolein
Concen: 1.817 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

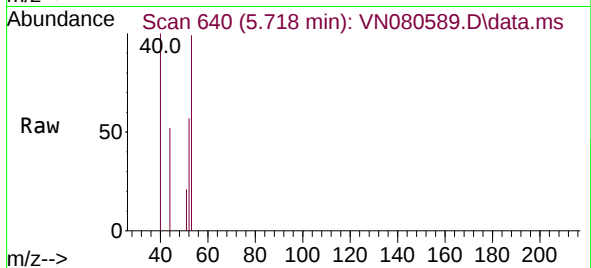
Tgt Ion: 56 Resp: 873
Ion Ratio Lower Upper
56 100
55 54.6 54.5 81.7



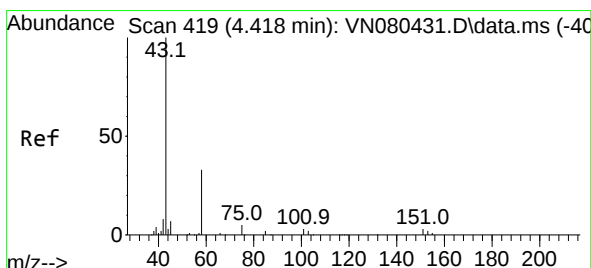
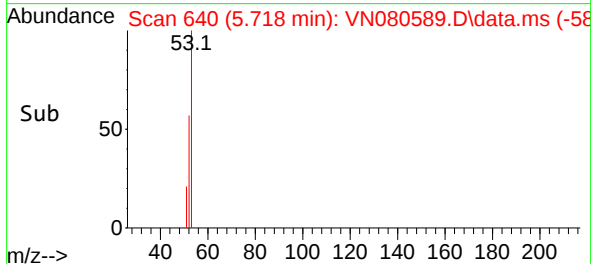
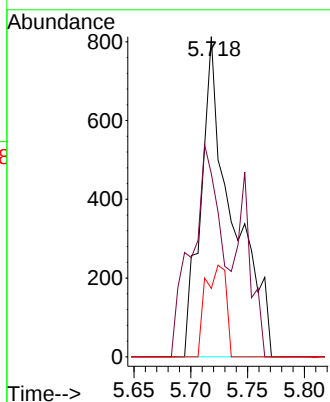


#15
Acrylonitrile
Concen: 1.257 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :

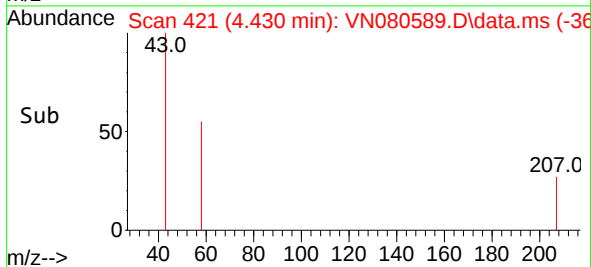
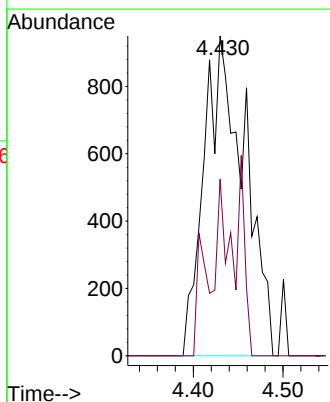
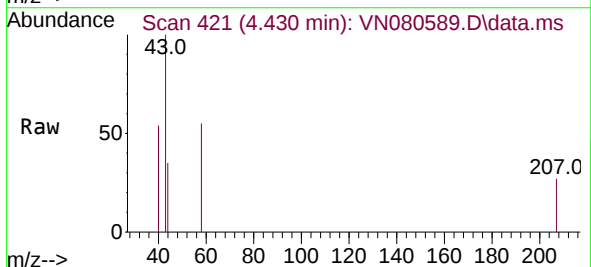


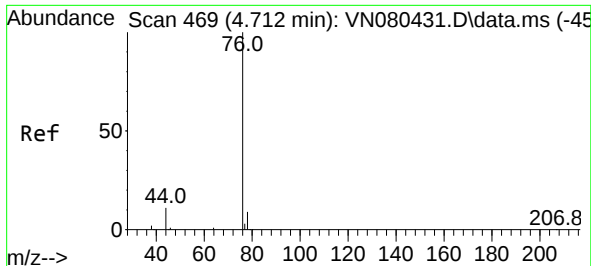
Tgt Ion: 53 Resp: 1558
Ion Ratio Lower Upper
53 100
52 63.6 65.3 97.9#
51 18.7 28.9 43.3#



#16
Acetone
Concen: 4.530 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 43 Resp: 2992
Ion Ratio Lower Upper
43 100
58 55.2 28.0 42.0#

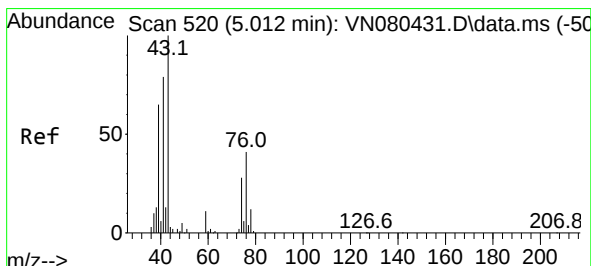
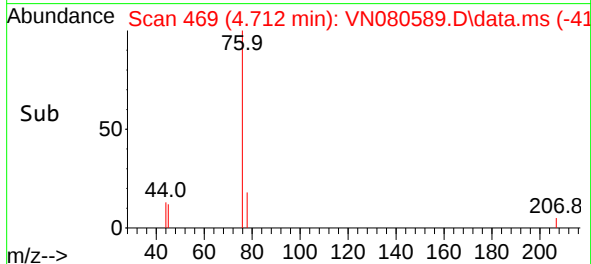
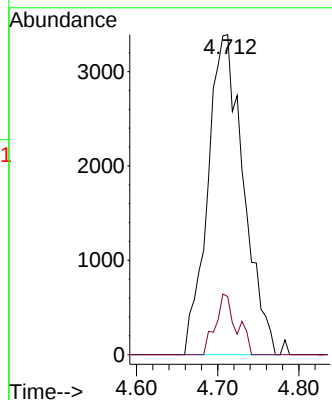
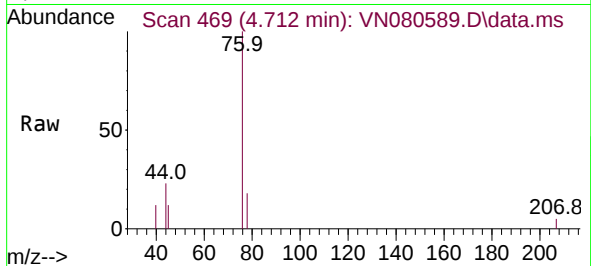




#17
Carbon Disulfide
Concen: 1.168 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

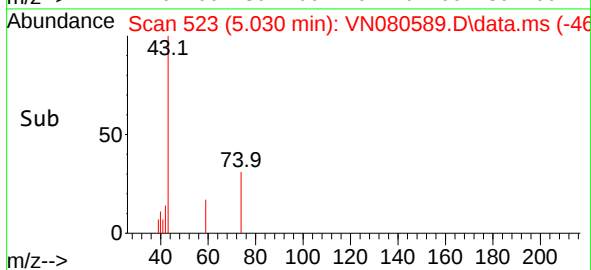
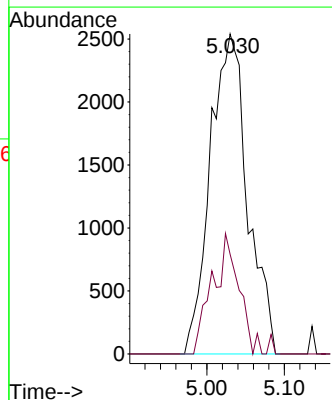
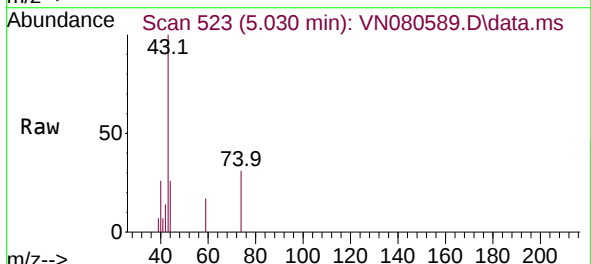
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MSVOA_N
ClientSampleId :

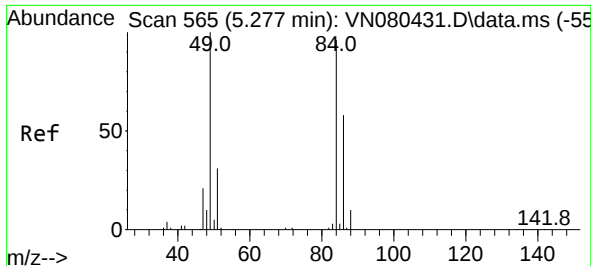
Tgt Ion: 76 Resp: 10379
Ion Ratio Lower Upper
76 100
78 18.1 7.4 11.0#



#18
Methyl Acetate
Concen: 2.003 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.018 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

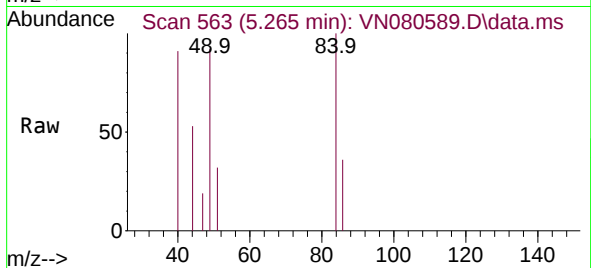
Tgt Ion: 43 Resp: 8515
Ion Ratio Lower Upper
43 100
74 26.7 26.2 39.4



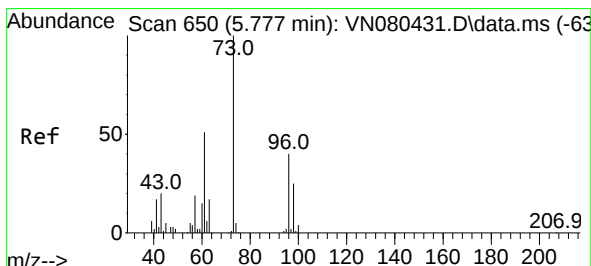
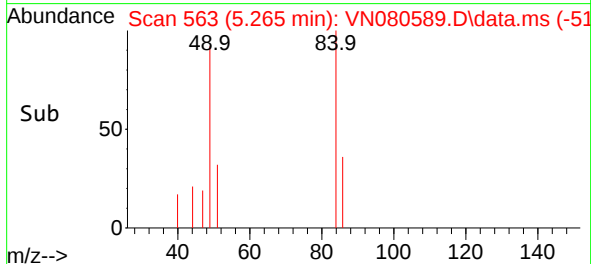
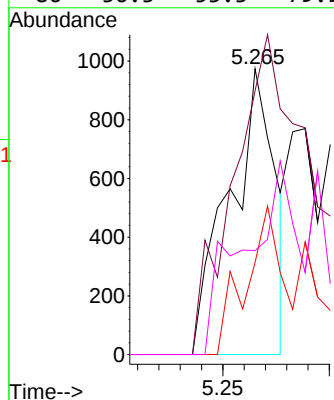


#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :

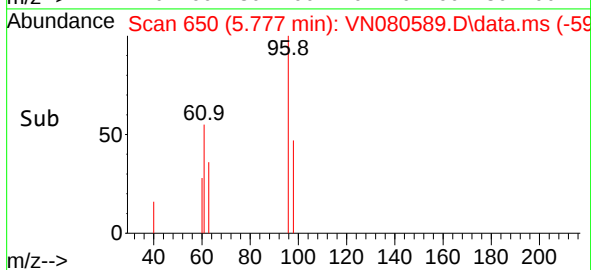
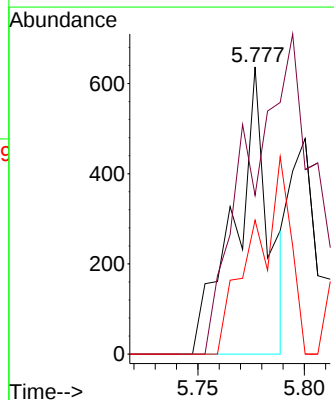
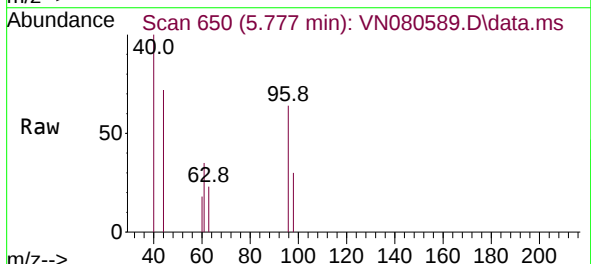


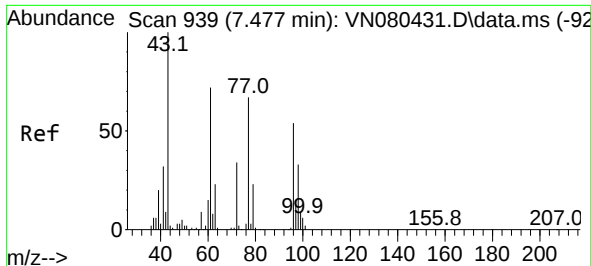
Tgt Ion:	84	Resp:	1456
Ion	Ratio	Lower	Upper
84	100		
49	92.3	79.7	119.5
51	32.2	25.2	37.8
86	36.3	53.3	79.9



#21
trans-1,2-Dichloroethene
Concen: 0.208 ug/l
RT: 5.777 min Scan# 650
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion:	96	Resp:	706
Ion	Ratio	Lower	Upper
96	100		
61	55.3	90.1	135.1
98	46.6	46.4	69.6

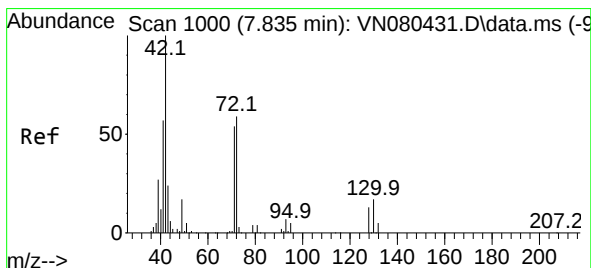
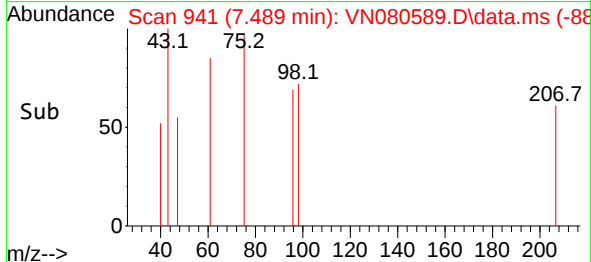
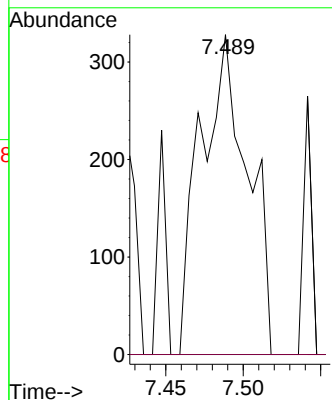
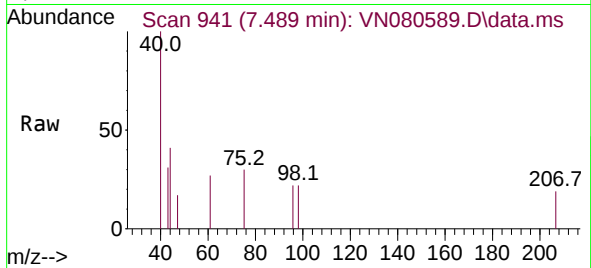




#25
2-Butanone
Concen: 0.545 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

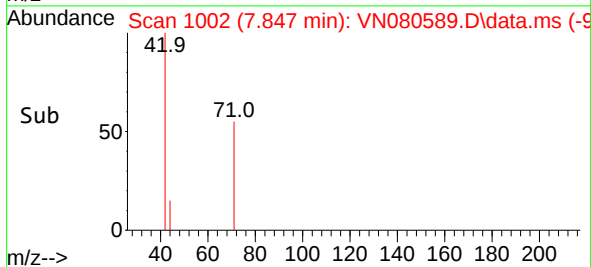
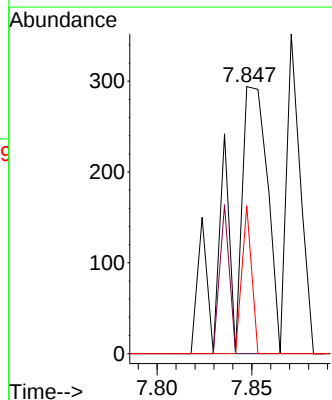
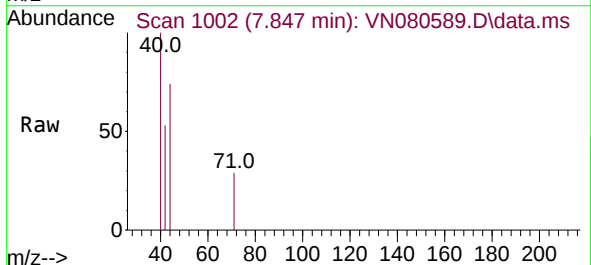
Instrument :
MSVOA_N
ClientSampleId :

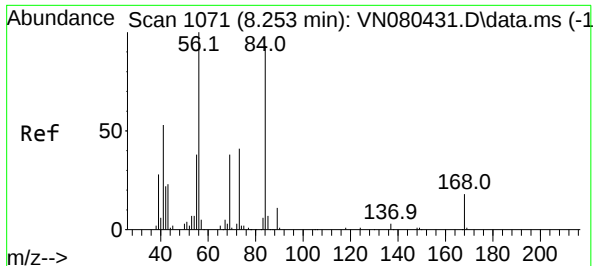
Tgt Ion: 43 Resp: 694
Ion Ratio Lower Upper
43 100
72 0.0 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.447 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

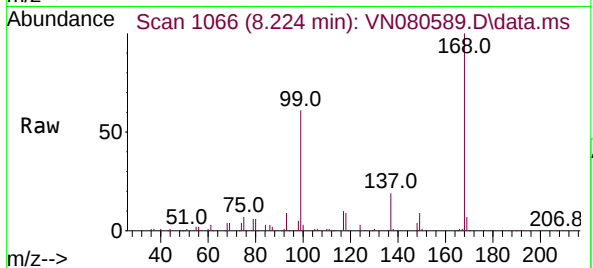
Tgt Ion: 42 Resp: 407
Ion Ratio Lower Upper
42 100
72 14.3 49.8 74.6#
71 14.3 47.4 71.2#



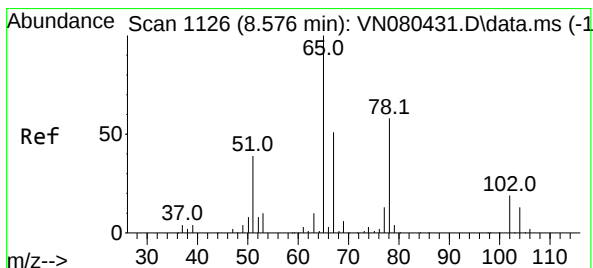
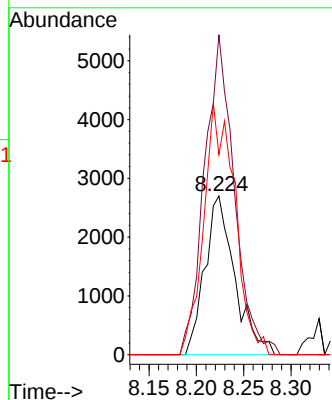
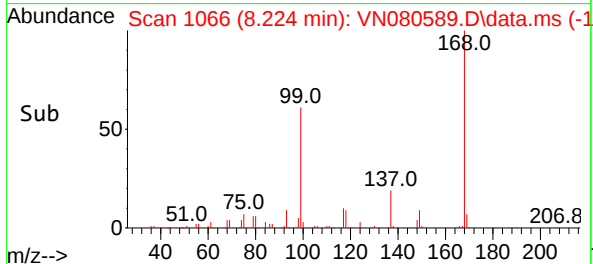


#31
Cyclohexane
Concen: 1.175 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :

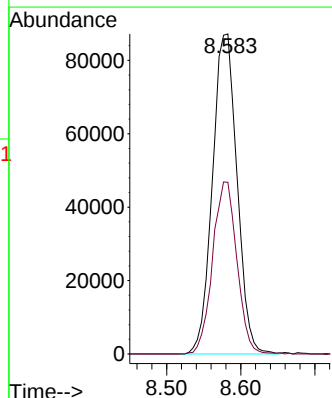
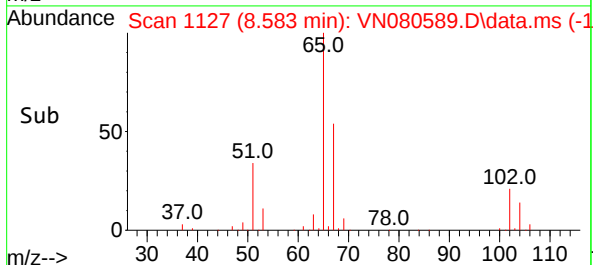
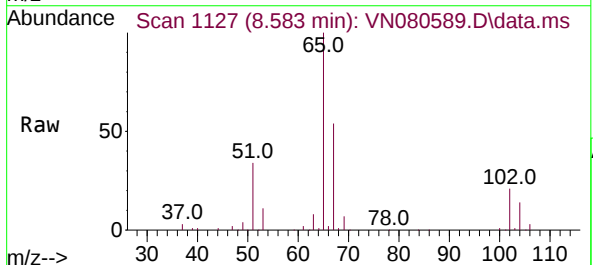


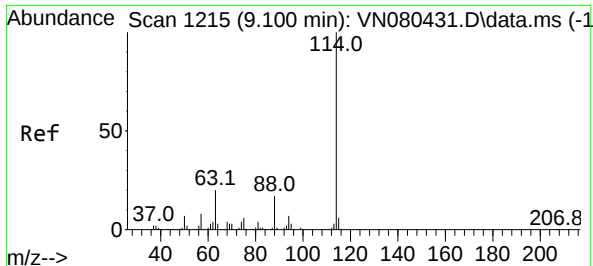
Tgt Ion: 56 Resp: 5953
Ion Ratio Lower Upper
56 100
69 201.6 26.8 40.2#
84 126.0 81.8 122.6#



#33
1,2-Dichloroethane-d4
Concen: 53.937 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

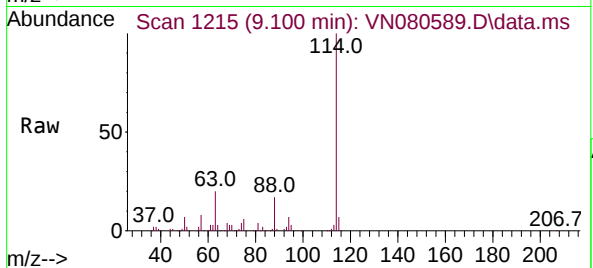
Tgt Ion: 65 Resp: 200935
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6



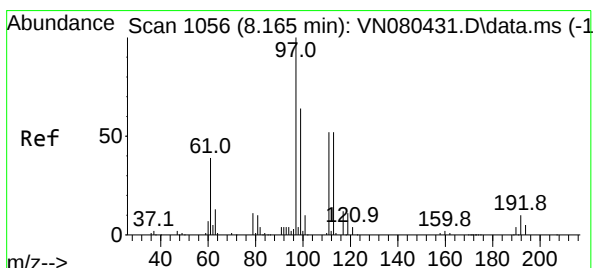
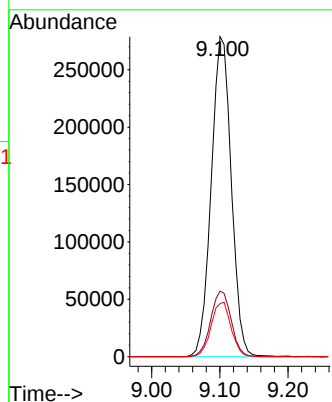
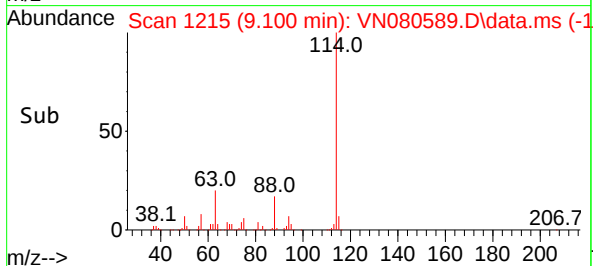


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :

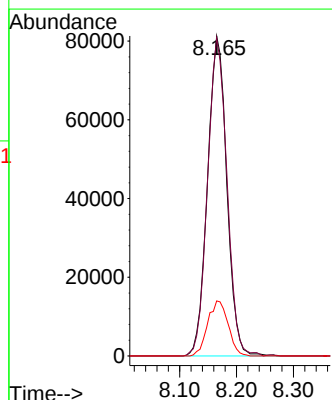
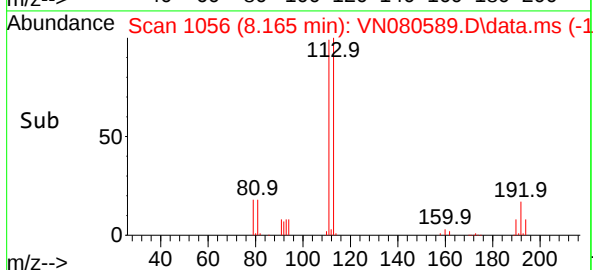
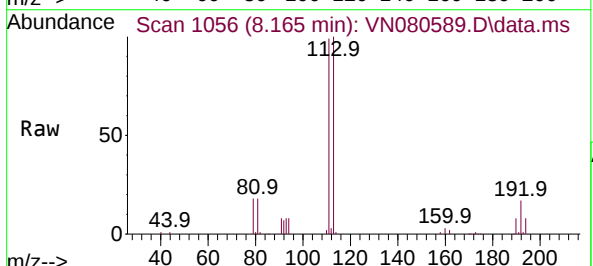


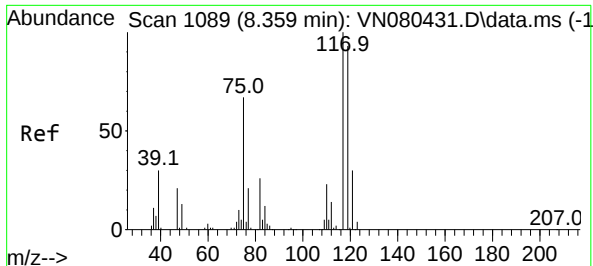
Tgt Ion:114 Resp: 570948
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.4
88 16.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 52.844 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

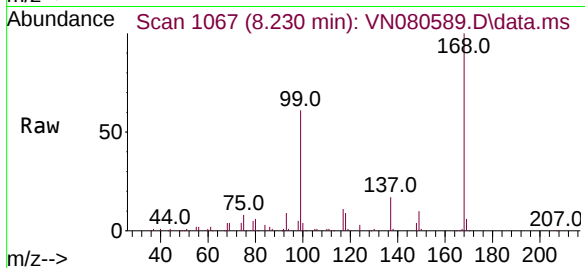
Tgt Ion:113 Resp: 191297
Ion Ratio Lower Upper
113 100
111 100.0 82.6 123.8
192 18.3 12.7 19.1



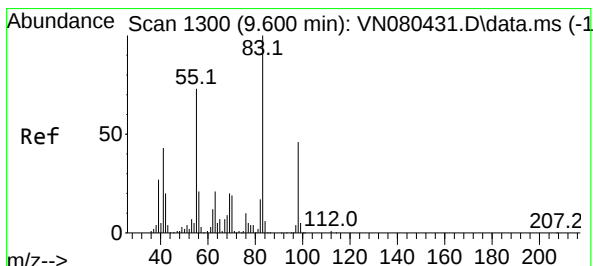
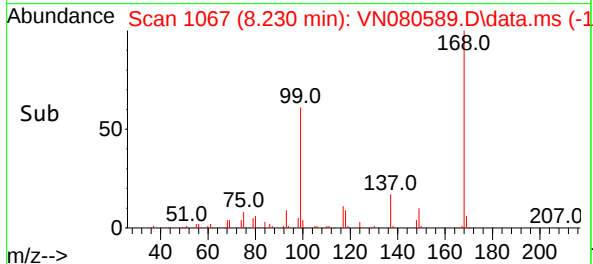
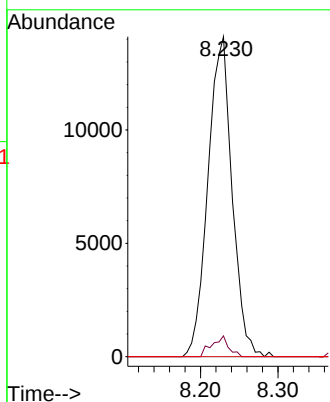


#38
Carbon Tetrachloride
Concen: 4.333 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.129 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Instrument :
MSVOA_N
ClientSampleId :

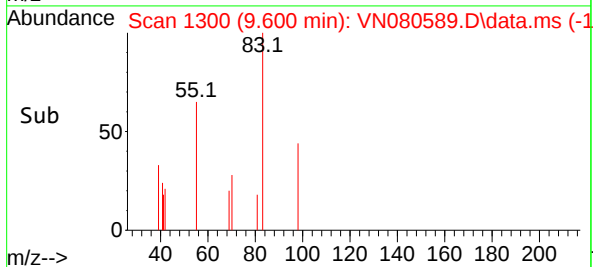
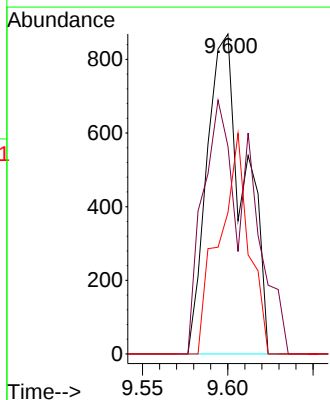
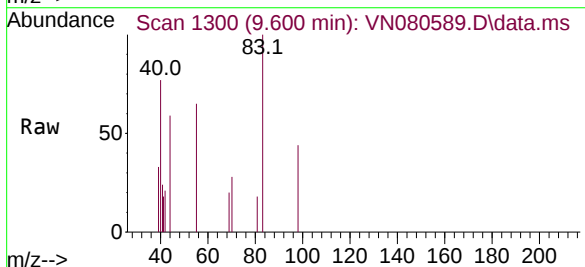


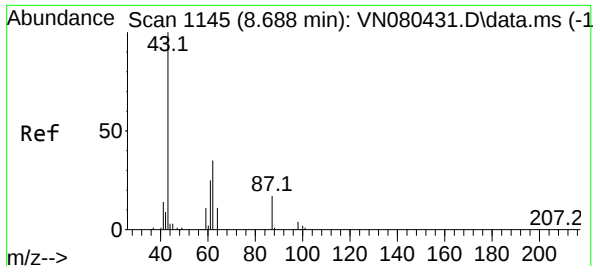
Tgt Ion:117 Resp: 30644
Ion Ratio Lower Upper
117 100
119 6.5 77.3 115.9#
121 0.0 23.3 34.9#



#39
Methylcyclohexane
Concen: 0.219 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 83 Resp: 1346
Ion Ratio Lower Upper
83 100
55 64.9 49.1 73.7
98 44.2 40.6 61.0





#43

Isopropyl Acetate

Concen: 0.247 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

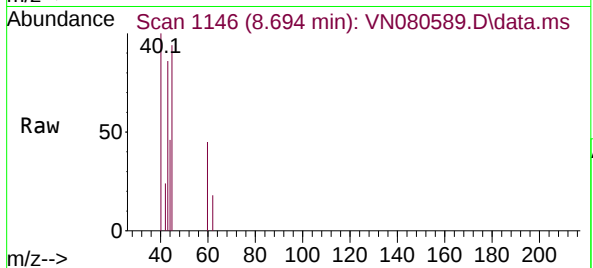
Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

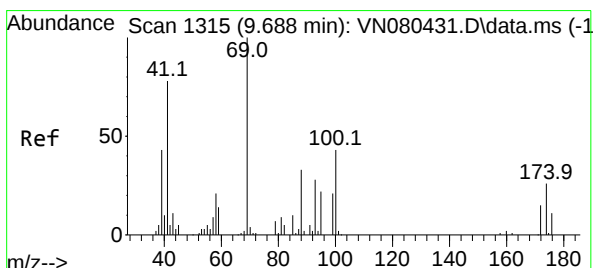
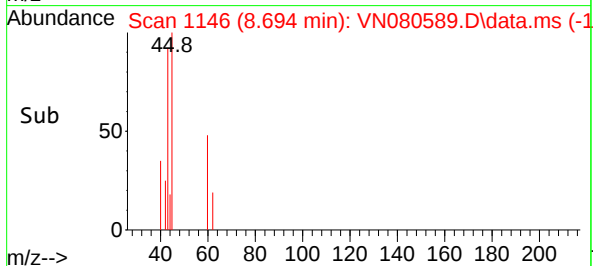
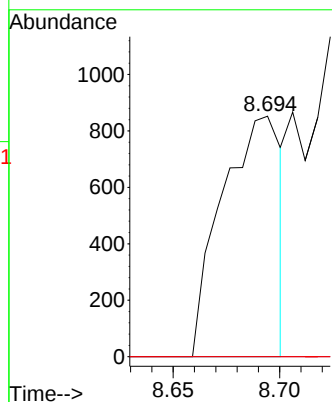
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 1644
Ion Ratio	Lower Upper
43	100
61	0.0 24.7 37.1#
87	0.0 14.6 21.8#



#49

1,4-Dioxane

Concen: 1.675 ug/l

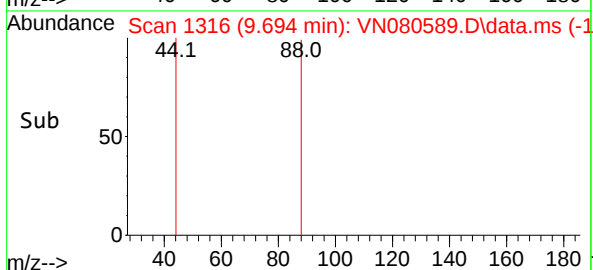
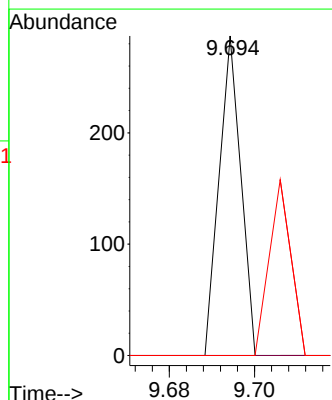
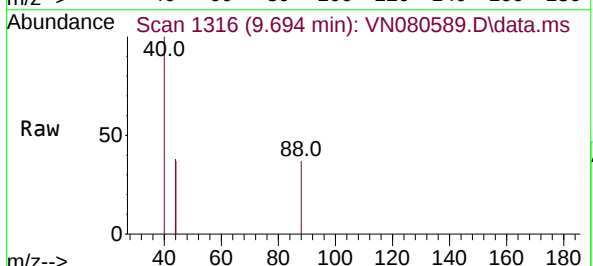
RT: 9.694 min Scan# 1316

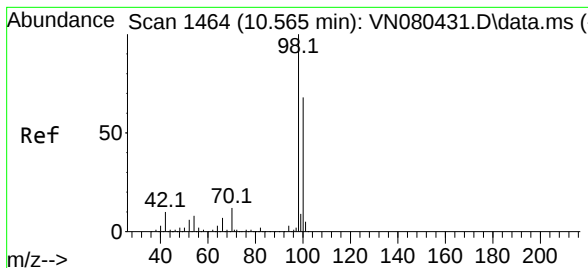
Delta R.T. 0.006 min

Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

Tgt Ion: 88	Resp: 101
Ion Ratio	Lower Upper
88	100
43	0.0 17.0 25.6#
58	55.4 47.0 70.4

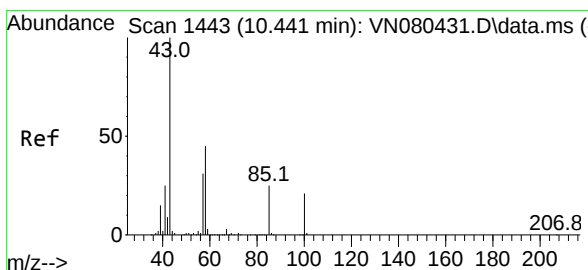
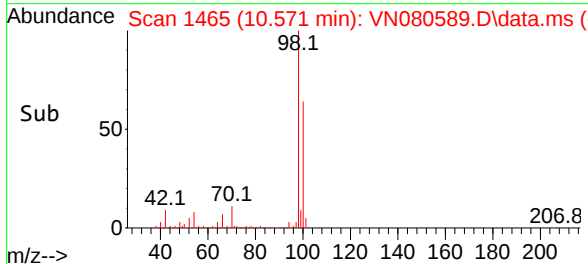
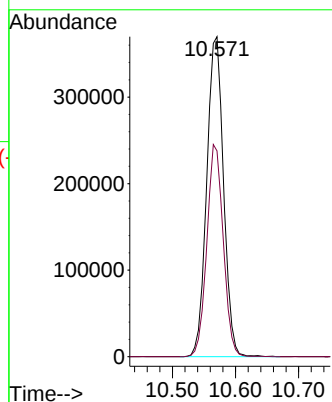
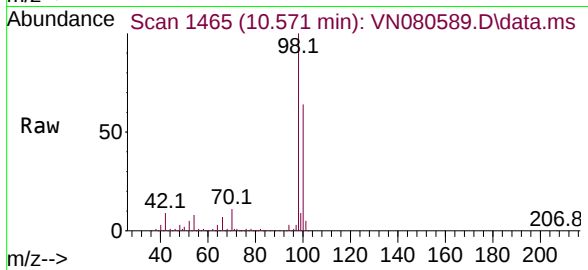




#50
Toluene-d8
Concen: 50.642 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

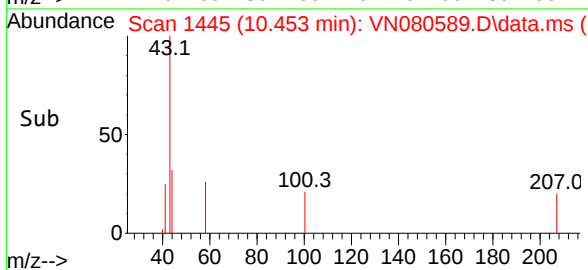
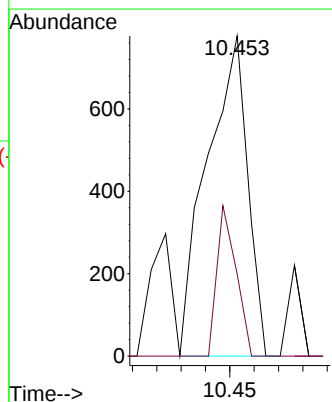
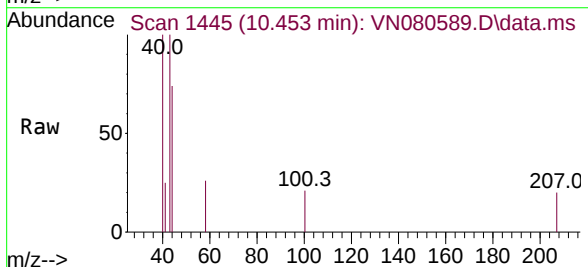
Instrument :
MSVOA_N
ClientSampleId :

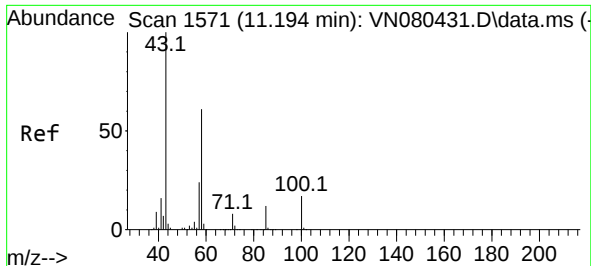
Tgt Ion: 98 Resp: 683705
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.012 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
58 22.2 36.6 54.8#

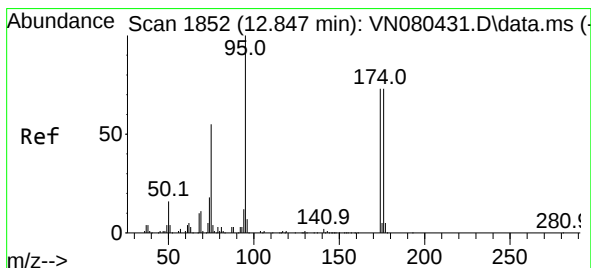
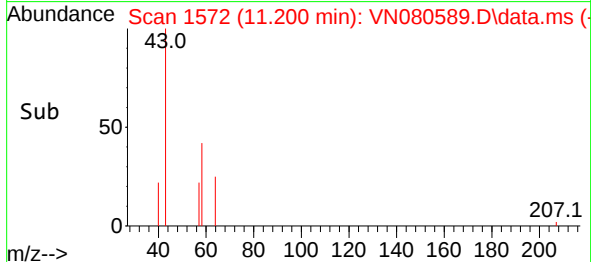
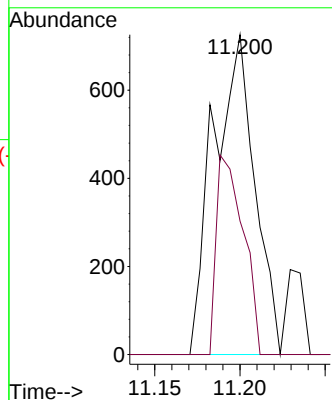
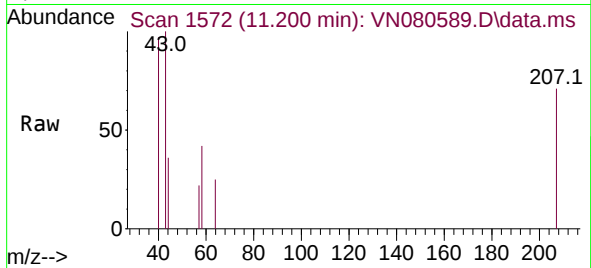




#59
2-Hexanone
Concen: 0.451 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

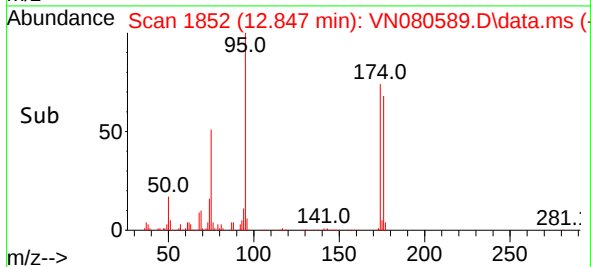
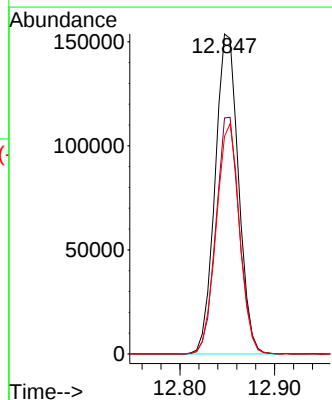
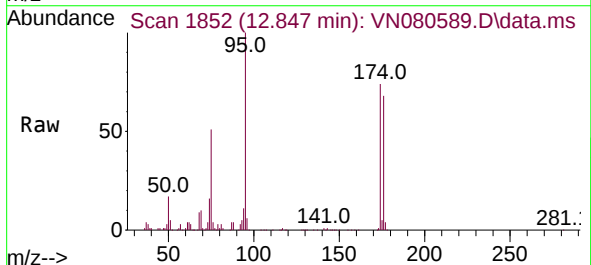
Instrument :
MSVOA_N
ClientSampleId :

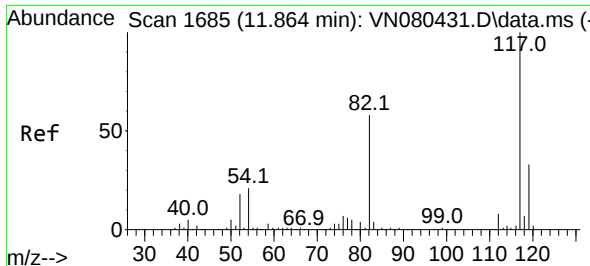
Tgt Ion: 43 Resp: 1223
Ion Ratio Lower Upper
43 100
58 40.6 31.7 95.1



#62
4-Bromofluorobenzene
Concen: 51.369 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 95 Resp: 263352
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 71.6 0.0 135.8

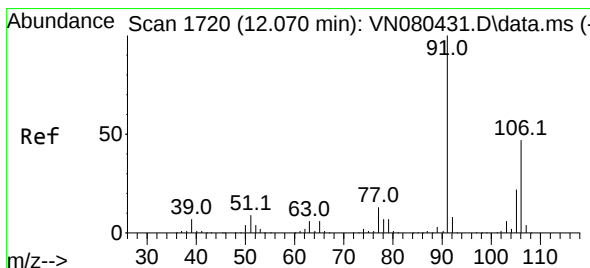
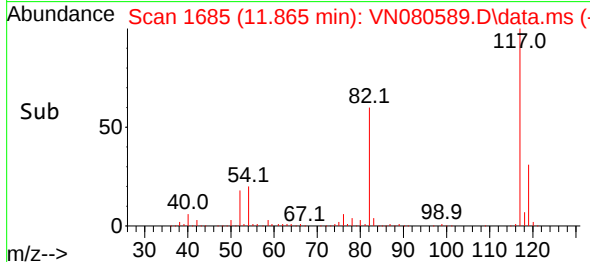
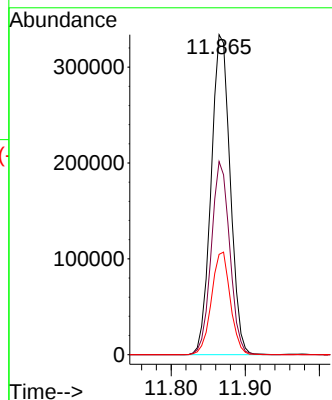
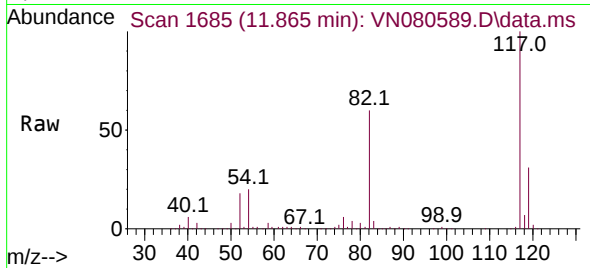




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

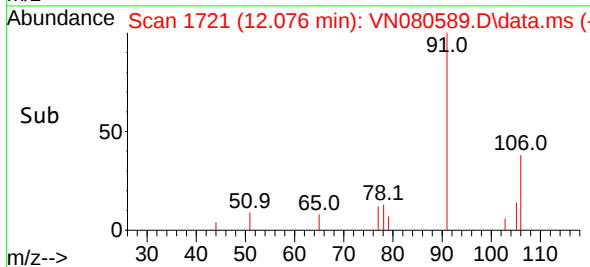
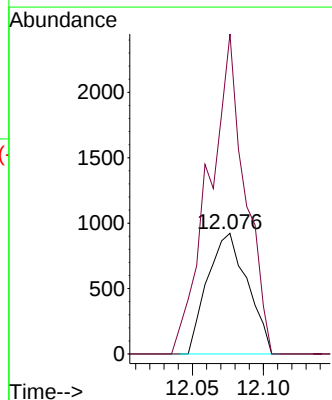
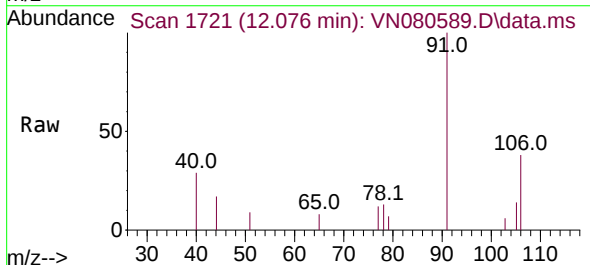
Instrument :
MSVOA_N
ClientSampleId :

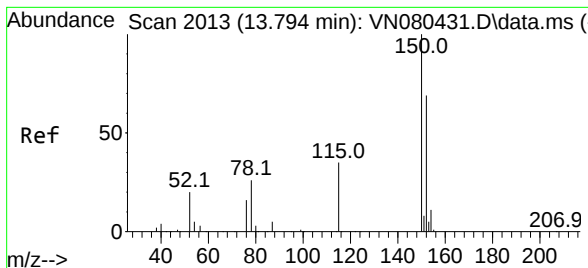
Tgt Ion:117 Resp: 595837
Ion Ratio Lower Upper
117 100
82 60.3 44.0 66.0
119 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 0.201 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion:106 Resp: 1810
Ion Ratio Lower Upper
106 100
91 240.8 159.6 239.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

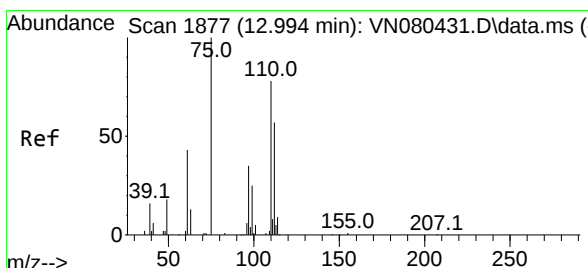
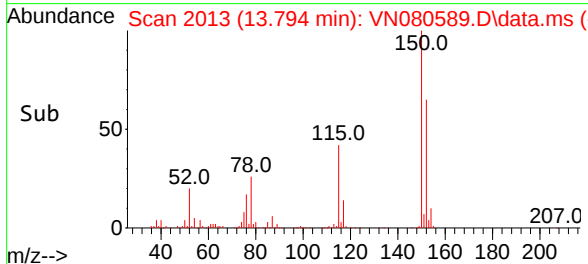
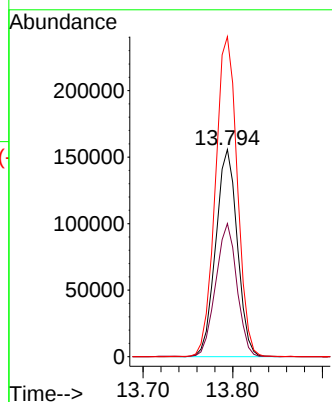
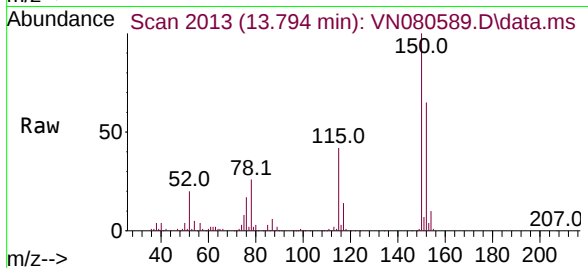
Tgt Ion:152 Resp: 259601

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 156.9 0.0 355.8



#76

1,2,3-Trichloropropane

Concen: 25.305 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080589.D

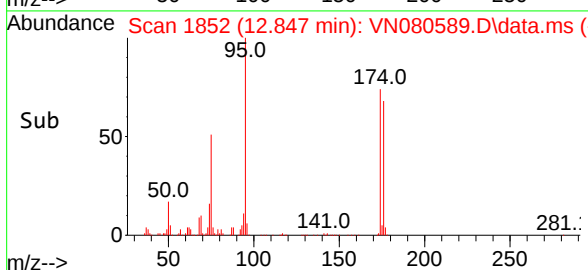
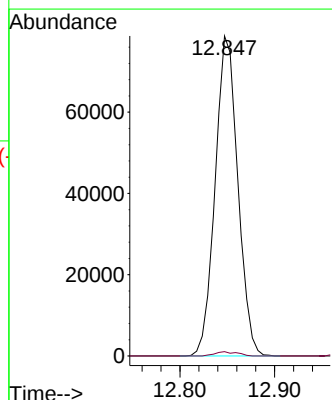
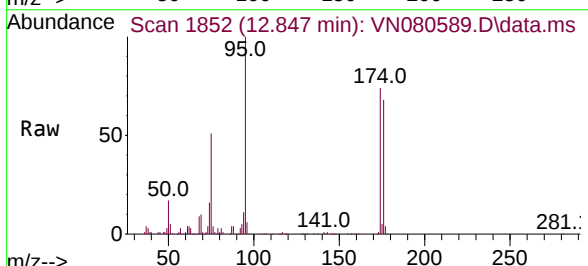
Acq: 21 Dec 2023 21:23

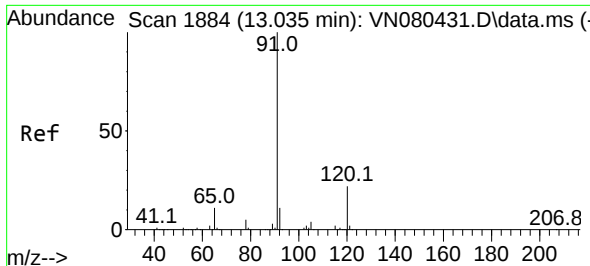
Tgt Ion: 75 Resp: 131055

Ion Ratio Lower Upper

75 100

77 1.3 84.5 253.5#

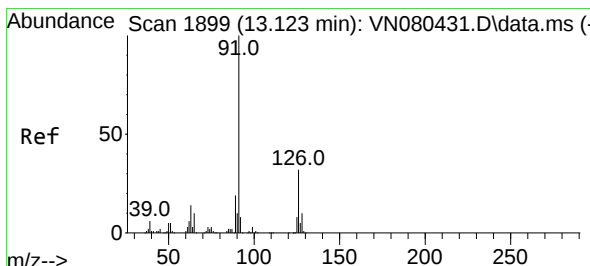
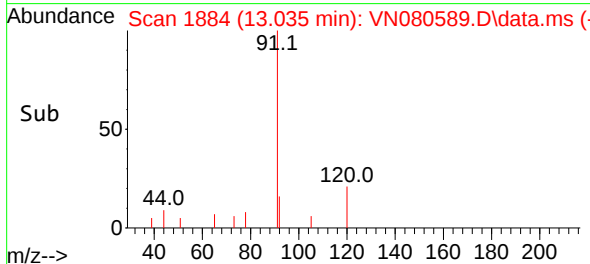
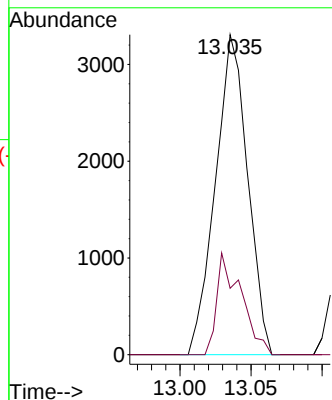
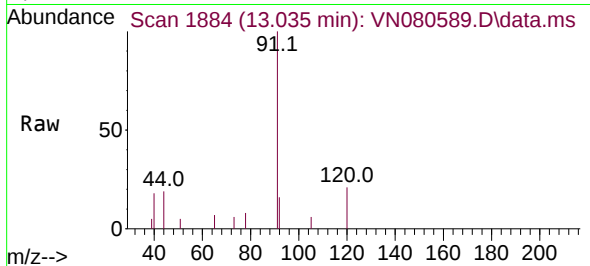




#78
n-propylbenzene
Concen: 0.227 ug/l
RT: 13.035 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

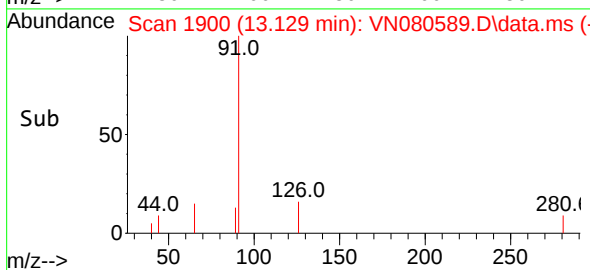
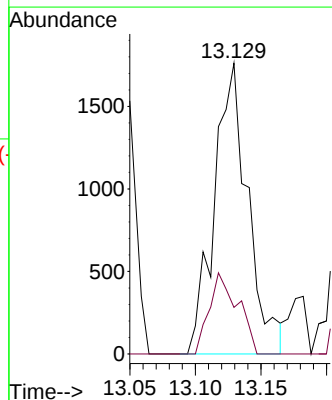
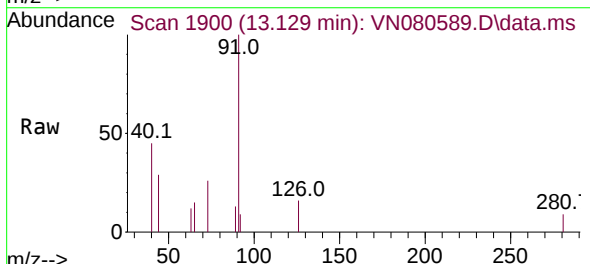
Instrument :
MSVOA_N
ClientSampleId :

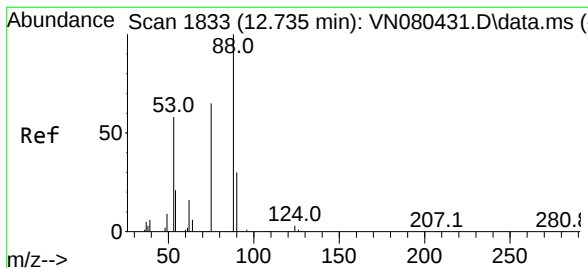
Tgt Ion: 91 Resp: 5221
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4



#79
2-Chlorotoluene
Concen: 0.209 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 91 Resp: 3139
Ion Ratio Lower Upper
91 100
126 23.8 16.3 48.8

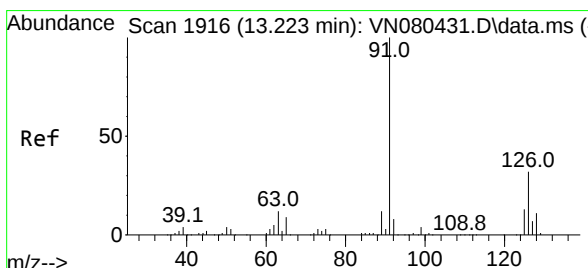
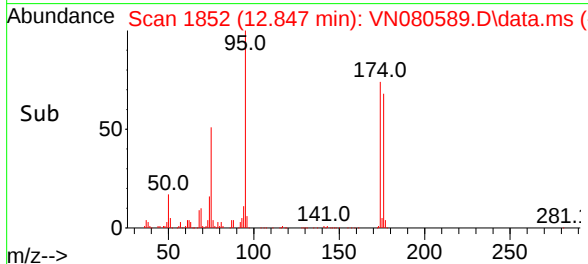
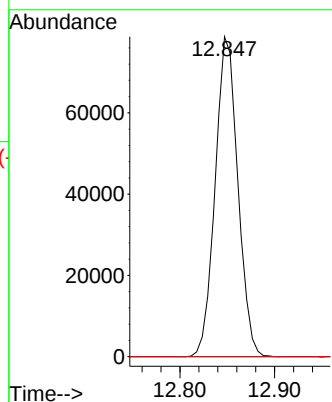
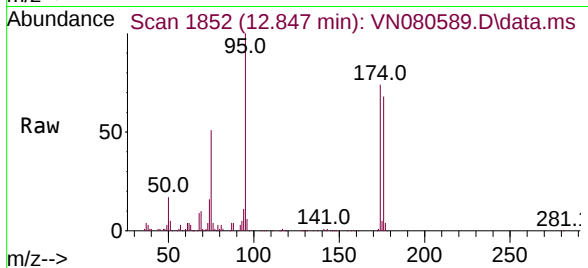




#81
trans-1,4-Dichloro-2-butene
Concen: 66.441 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

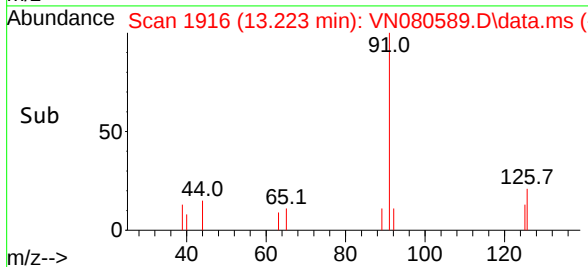
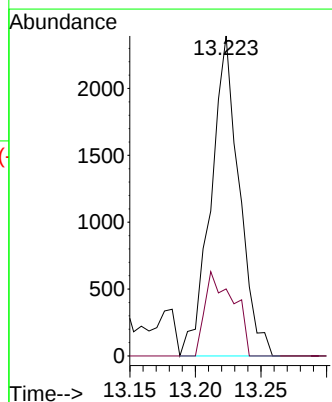
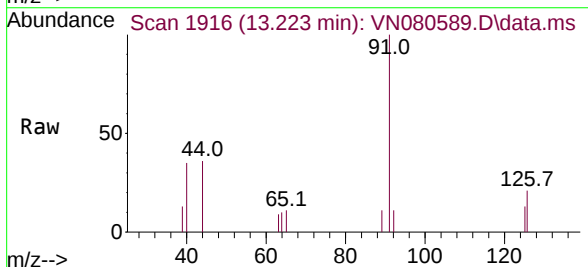
Instrument :
MSVOA_N
ClientSampleId :

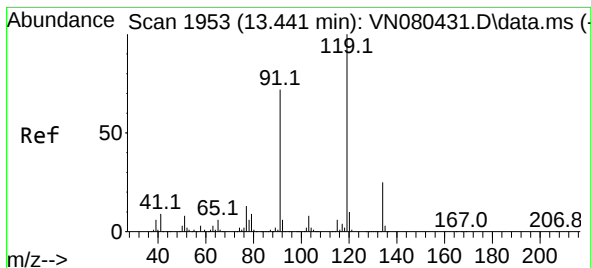
Tgt Ion: 75 Resp: 131055
Ion Ratio Lower Upper
75 100
53 0.0 67.4 101.2#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.233 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 91 Resp: 3593
Ion Ratio Lower Upper
91 100
126 26.7 16.7 50.0





#83

tert-Butylbenzene

Concen: 0.253 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

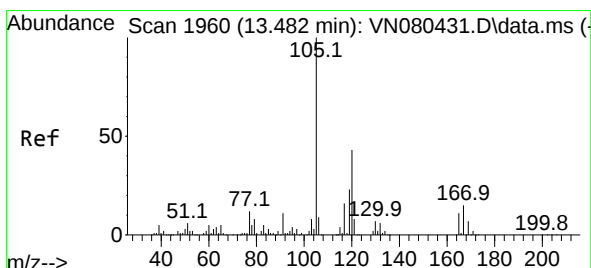
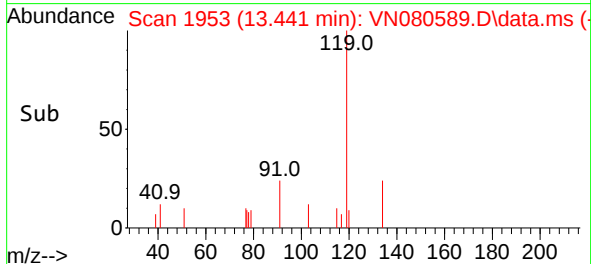
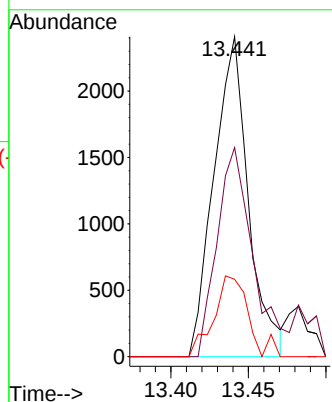
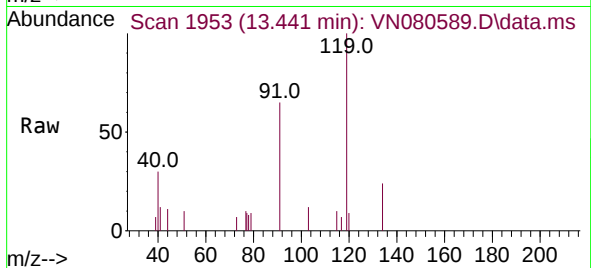
Tgt Ion:119 Resp: 3721

Ion Ratio Lower Upper

119 100

91 68.7 33.9 101.7

134 25.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.201 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080589.D

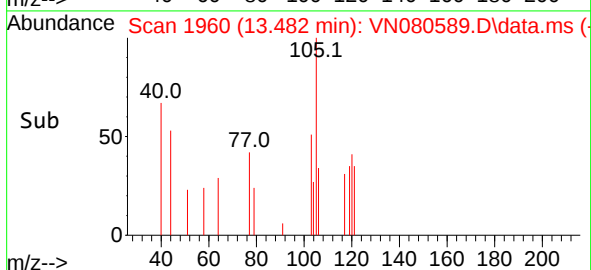
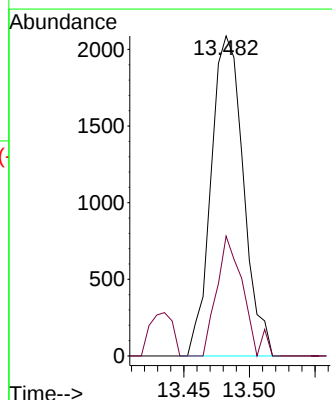
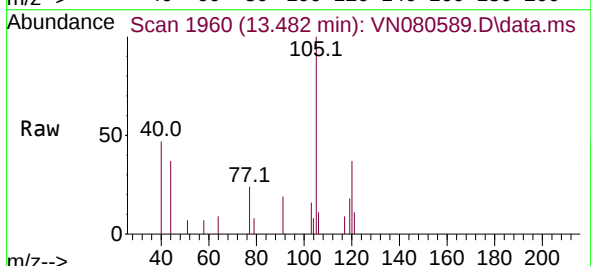
Acq: 21 Dec 2023 21:23

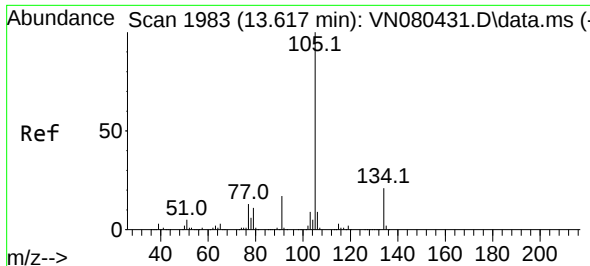
Tgt Ion:105 Resp: 3583

Ion Ratio Lower Upper

105 100

120 30.4 22.0 66.0

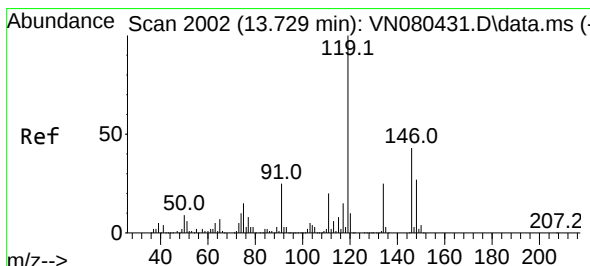
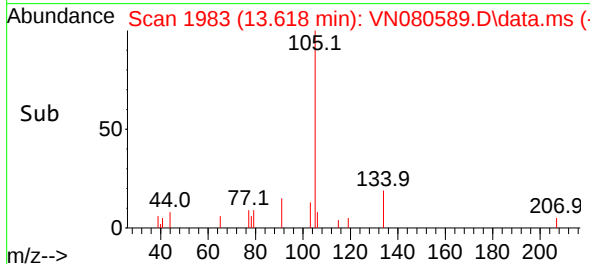
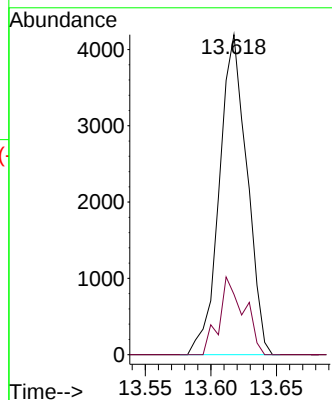
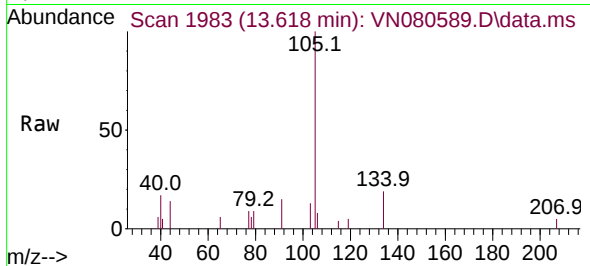




#85
 sec-Butylbenzene
 Concen: 0.327 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080589.D
 Acq: 21 Dec 2023 21:23

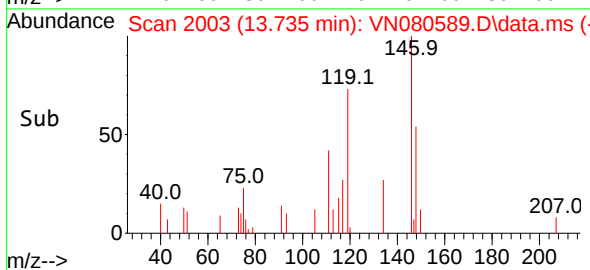
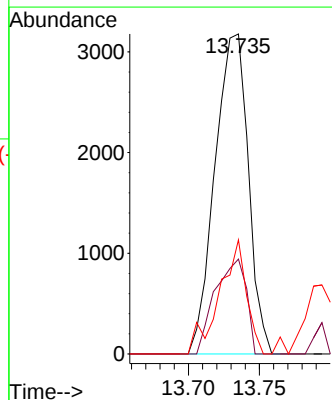
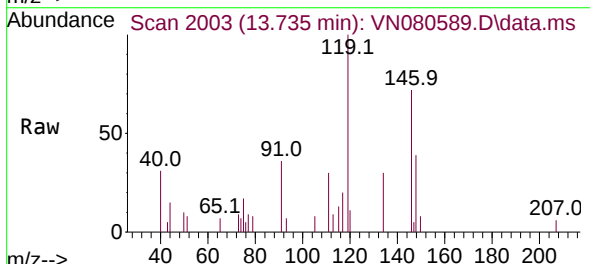
Instrument :
 MSVOA_N
 ClientSampleId :

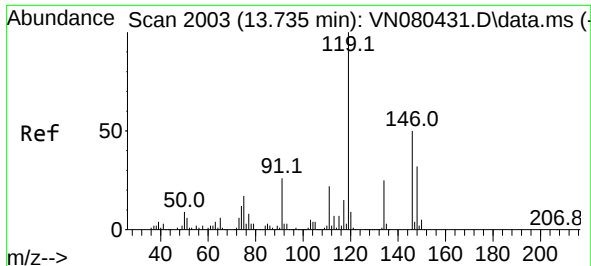
Tgt Ion:105 Resp: 6145
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.306 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.006 min
 Lab File: VN080589.D
 Acq: 21 Dec 2023 21:23

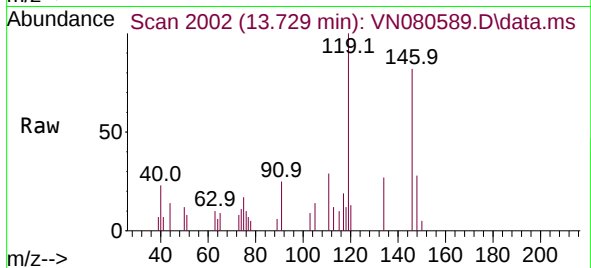
Tgt Ion:119 Resp: 5197
 Ion Ratio Lower Upper
 119 100
 134 27.6 12.6 37.8
 91 28.9 12.4 37.2



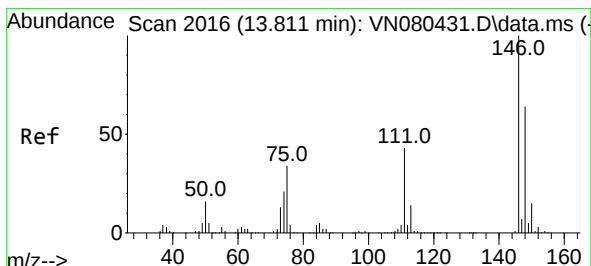
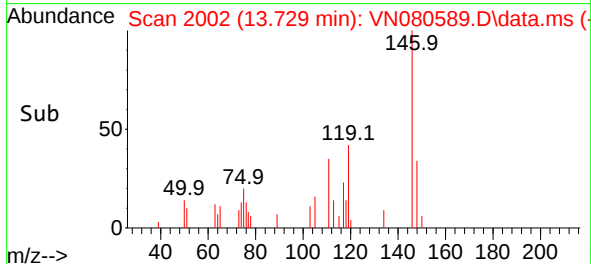
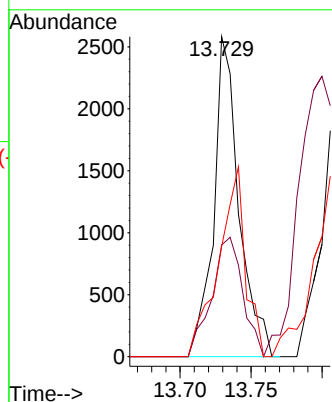


#87
 1,3-Dichlorobenzene
 Concen: 0.352 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: VN080589.D
 Acq: 21 Dec 2023 21:23

Instrument :
 MSVOA_N
 ClientSampleId :

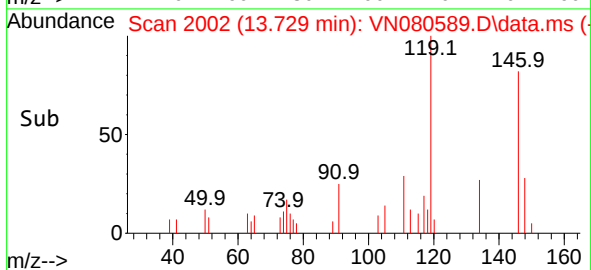
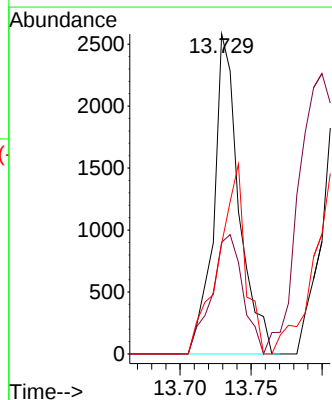
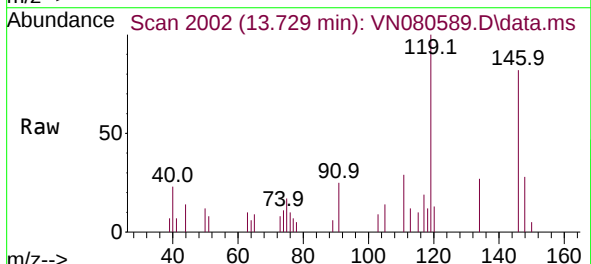


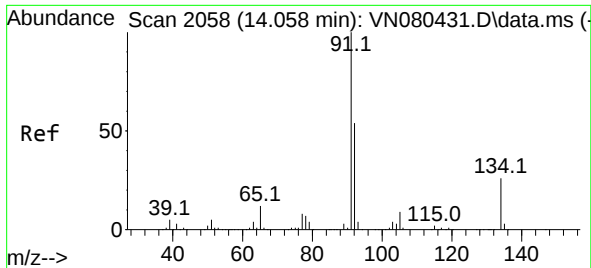
Tgt Ion:146 Resp: 3185
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.1 66.3
 148 63.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 0.349 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.082 min
 Lab File: VN080589.D
 Acq: 21 Dec 2023 21:23

Tgt Ion:146 Resp: 3185
 Ion Ratio Lower Upper
 146 100
 111 46.2 20.6 61.8
 148 63.1 31.6 94.8

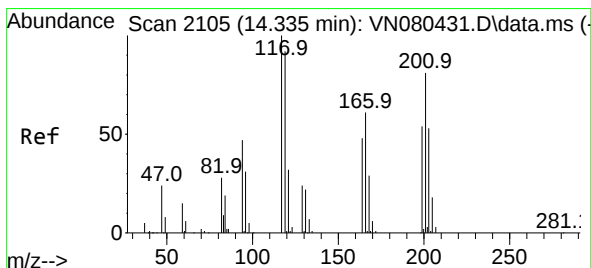
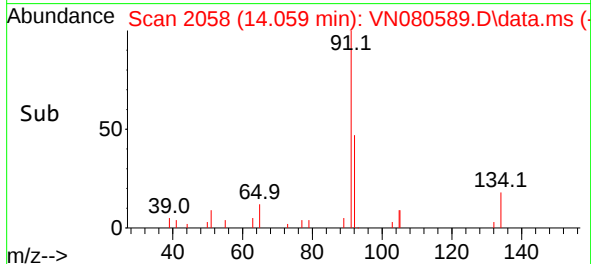
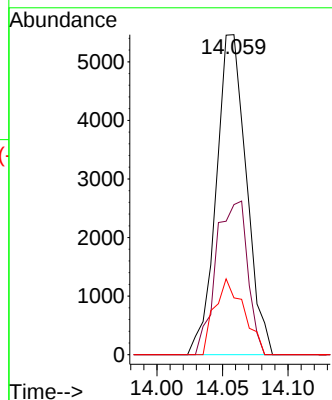
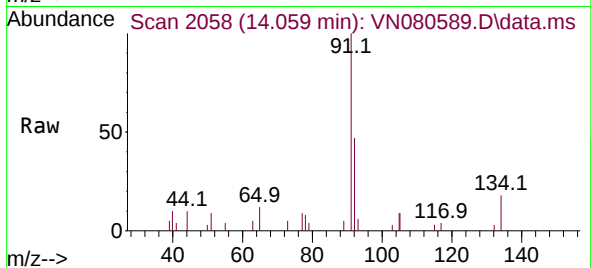




#89
n-Butylbenzene
Concen: 0.613 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

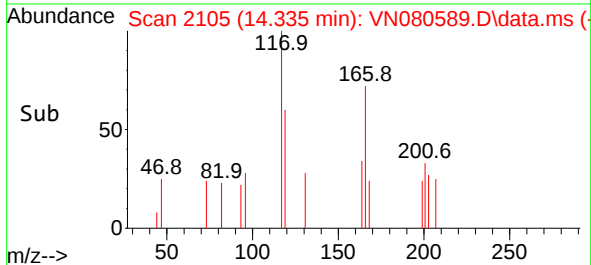
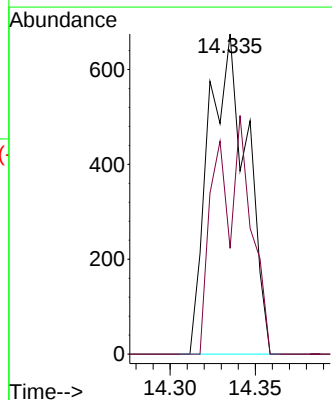
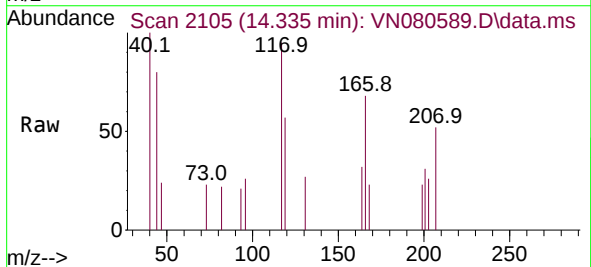
Instrument :
MSVOA_N
ClientSampleId :

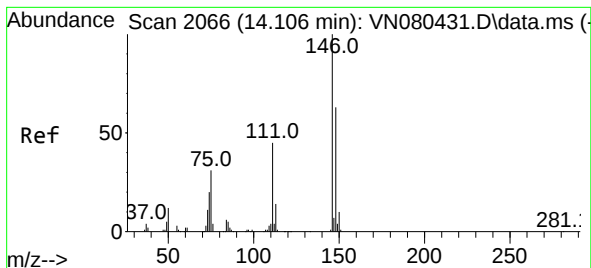
Tgt Ion: 91 Resp: 8702
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 23.0 12.6 37.6



#90
Hexachloroethane
Concen: 0.392 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080589.D
Acq: 21 Dec 2023 21:23

Tgt Ion: 117 Resp: 1058
Ion Ratio Lower Upper
117 100
201 33.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 0.278 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :

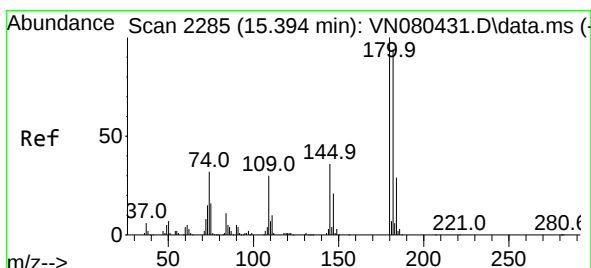
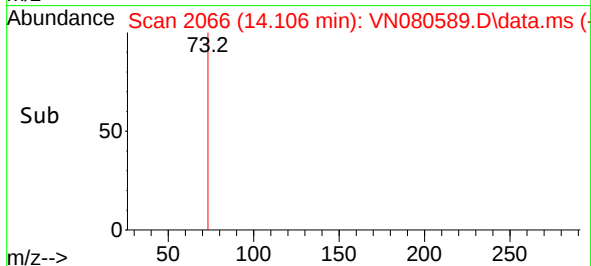
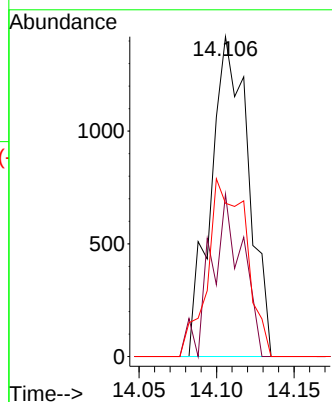
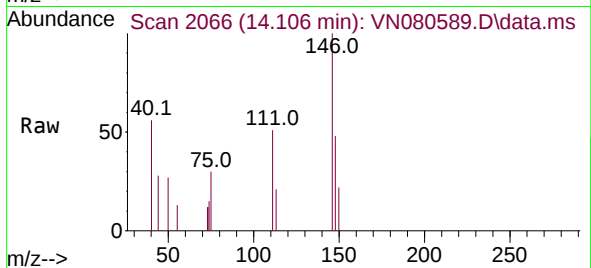
Tgt Ion:146 Resp: 2388

Ion Ratio Lower Upper

146 100

111 43.1 22.0 66.0

148 56.8 31.8 95.3



#93

1,2,4-Trichlorobenzene

Concen: 0.994 ug/l

RT: 15.388 min Scan# 2284

Delta R.T. -0.006 min

Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

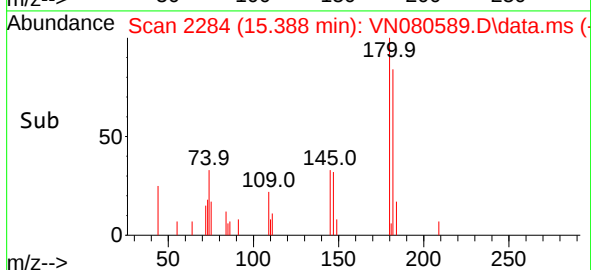
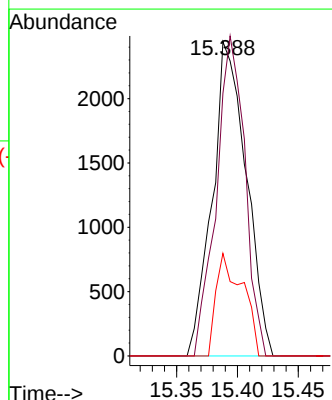
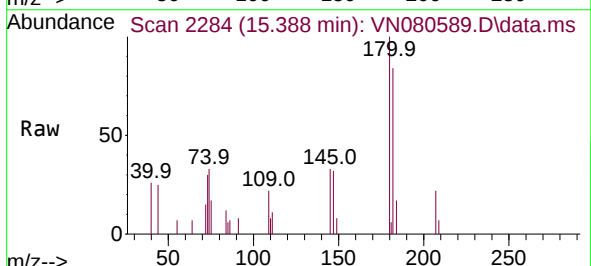
Tgt Ion:180 Resp: 4737

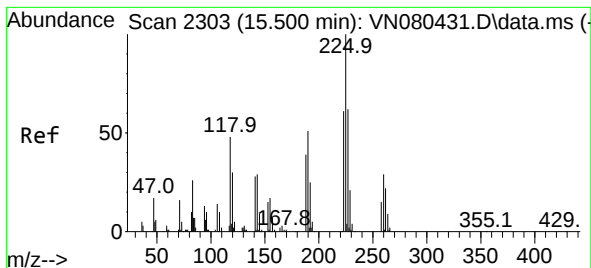
Ion Ratio Lower Upper

180 100

182 85.6 46.1 138.2

145 25.2 16.6 49.8





#94

Hexachlorobutadiene

Concen: 1.050 ug/l

RT: 15.500 min Scan# 21

Delta R.T. 0.000 min

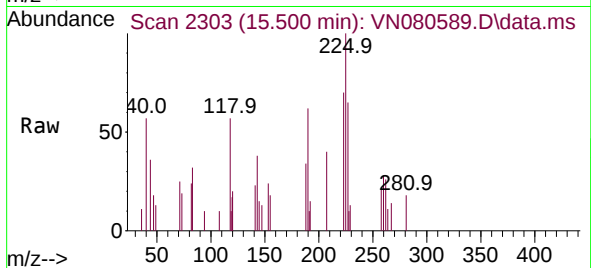
Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

Instrument :

MSVOA_N

ClientSampleId :



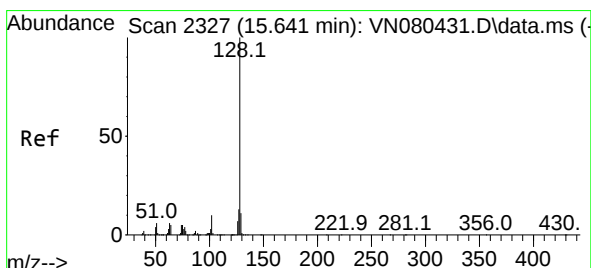
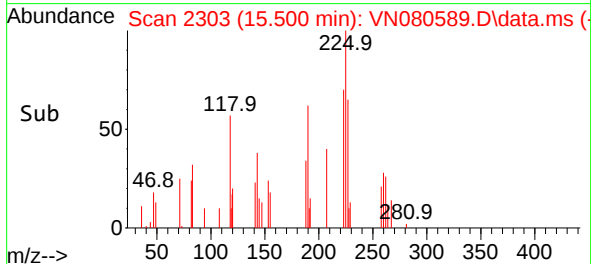
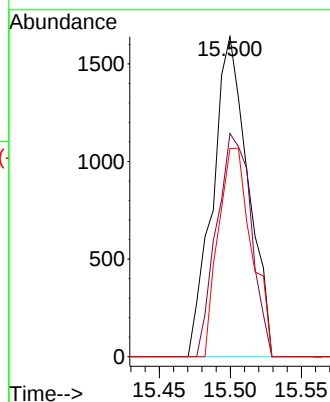
Tgt Ion:225 Resp: 2849

Ion Ratio Lower Upper

225 100

223 67.7 31.3 93.8

227 60.8 31.9 95.9



#95

Naphthalene

Concen: 0.740 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.000 min

Lab File: VN080589.D

Acq: 21 Dec 2023 21:23

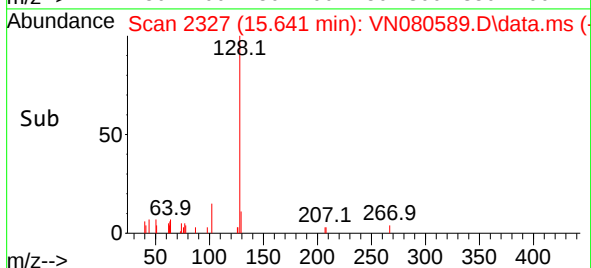
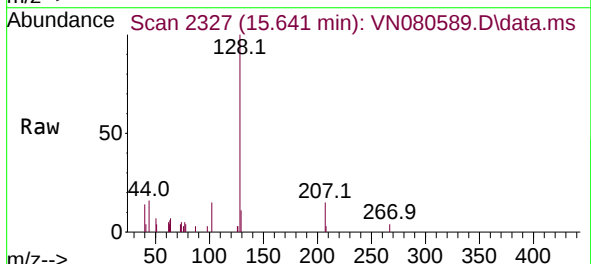
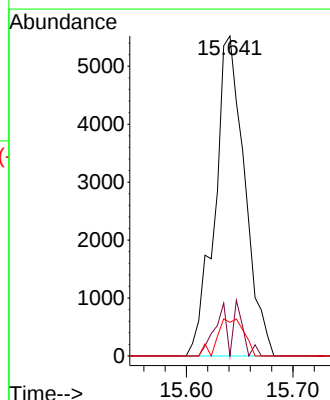
Tgt Ion:128 Resp: 10710

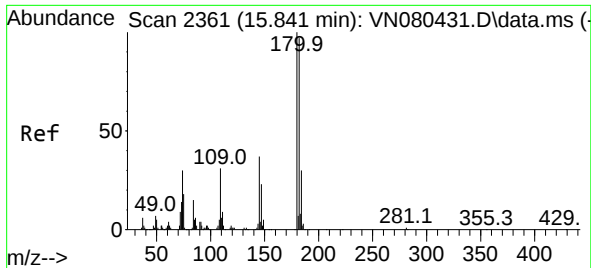
Ion Ratio Lower Upper

128 100

127 6.6 10.0 15.0#

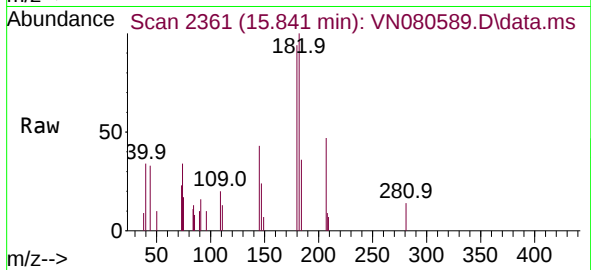
129 10.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.032 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN080589.D
 Acq: 21 Dec 2023 21:23

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	4748
Ion	Ratio	Lower	Upper
180	100		
182	83.7	46.2	138.6
145	34.3	17.5	52.6

