

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121423\
 Data File : VN080483.D
 Acq On : 14 Dec 2023 15:28
 Operator : JC\MD
 Sample : 05670-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 15 00:27:57 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	235274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	447261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	220405	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161137	53.623	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.240%	
35) Dibromofluoromethane	8.165	113	134108	49.249	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.500%	
50) Toluene-d8	10.565	98	481984	47.460	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.920%	
62) 4-Bromofluorobenzene	12.847	95	211442	54.830	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 109.660%	

Target Compounds				Qvalue		
5) Bromomethane	2.977	94	265	0.229	ug/l #	62
6) Chloroethane	3.112	64	633	0.384	ug/l #	43
13) Acrolein	4.159	56	2472	6.378	ug/l #	1
14) Allyl chloride	5.153	41	1742	0.557	ug/l #	63
16) Acetone	4.406	43	8446	15.852	ug/l #	67
17) Carbon Disulfide	4.724	76	1670	0.233	ug/l #	75
18) Methyl Acetate	5.271	43	31273	9.122	ug/l #	42
25) 2-Butanone	7.494	43	1723	1.679	ug/l #	84
29) Tetrahydrofuran	8.000	42	631	0.858	ug/l #	1
31) Cyclohexane	8.253	56	48853	11.955	ug/l	92
36) 1,1-Dichloropropene	8.218	75	18933	4.252	ug/l #	50
37) Ethyl Acetate	7.494	43	1723	0.618	ug/l #	63
38) Carbon Tetrachloride	8.230	117	26164	4.918	ug/l #	16
39) Methylcyclohexane	9.600	83	27931	6.039	ug/l	91
40) Benzene	8.612	78	5777	0.449	ug/l #	85
41) Methacrylonitrile	7.830	41	476	0.296	ug/l #	20
43) Isopropyl Acetate	8.700	43	5459	1.089	ug/l #	49
47) Bromodichloromethane	9.877	83	996	0.214	ug/l #	26
48) Methyl methacrylate	9.600	41	17279	5.776	ug/l #	36
51) 4-Methyl-2-Pentanone	10.441	43	1753	0.635	ug/l #	68
52) Toluene	10.629	92	99176	12.211	ug/l	100
55) 1,1,2-Trichloroethane	11.006	97	4817	1.648	ug/l #	20
58) 2-Chloroethyl Vinyl ether	10.159	63	854	0.418	ug/l #	53
67) Ethyl Benzene	11.965	91	671419	36.701	ug/l	98
68) m/p-Xylenes	12.071	106	326572	48.308	ug/l	90
69) o-Xylene	12.400	106	122792	18.570	ug/l	88
70) Styrene	12.400	104	7515	0.789	ug/l #	1
73) Isopropylbenzene	12.694	105	52099	2.943	ug/l	99
76) 1,2,3-Trichloropropane	12.847	75	115587	26.288	ug/l #	1
78) n-propylbenzene	13.035	91	246972	12.651	ug/l	100
79) 2-Chlorotoluene	13.129	91	17415	1.366	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.170	105	27259	1.788	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.847	75	115587	69.021	ug/l #	15
82) 4-Chlorotoluene	13.129	91	17415	1.329	ug/l #	45
83) tert-Butylbenzene	13.482	119	120847	9.677	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.482	105	1031104	67.969	ug/l	98

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

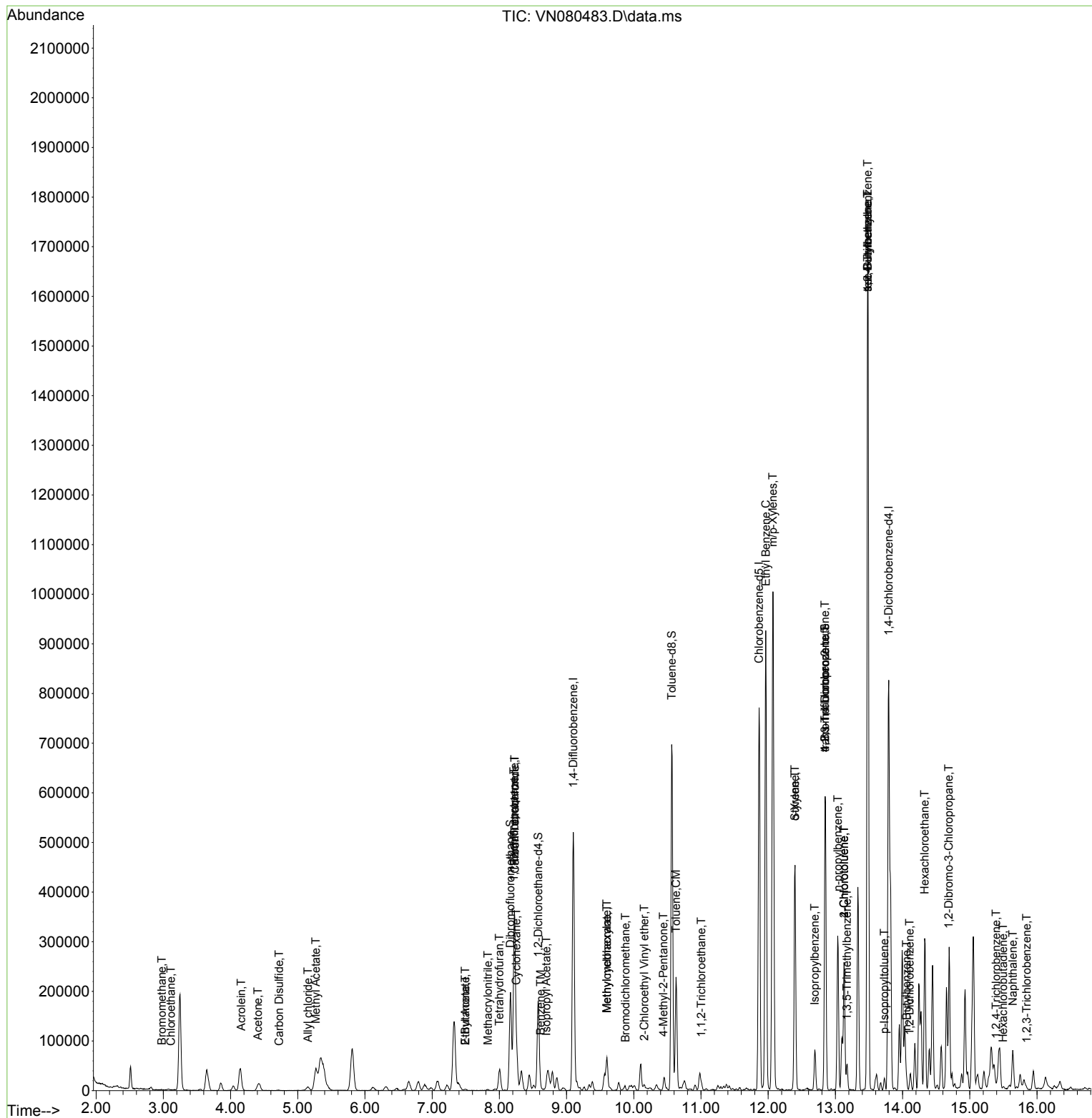
85) sec-Butylbenzene	13.482	105	1031104	64.544	ug/l #	57
86) p-Isopropyltoluene	13.729	119	10801	0.749	ug/l #	72
89) n-Butylbenzene	14.059	91	20919	1.737	ug/l #	72
90) Hexachloroethane	14.329	117	16949	7.399	ug/l #	21
91) 1,2-Dichlorobenzene	14.106	146	1631	0.224	ug/l #	65
92) 1,2-Dibromo-3-Chloropr...	14.688	75	1234	1.237	ug/l #	4
93) 1,2,4-Trichlorobenzene	15.394	180	1412	0.349	ug/l #	1
94) Hexachlorobutadiene	15.494	225	1556	0.676	ug/l #	58
95) Naphthalene	15.641	128	72377	5.891	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	1500	0.384	ug/l #	46

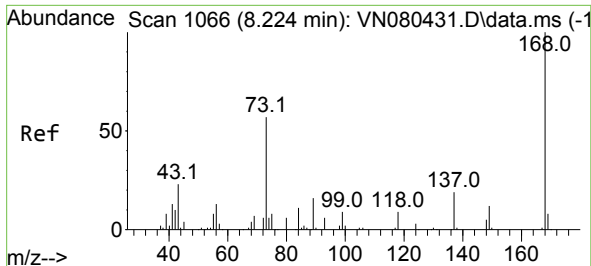
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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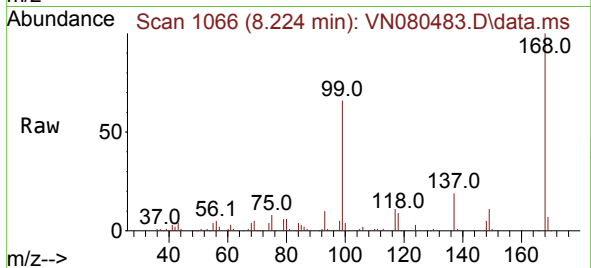
Quant Time: Dec 15 00:27:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
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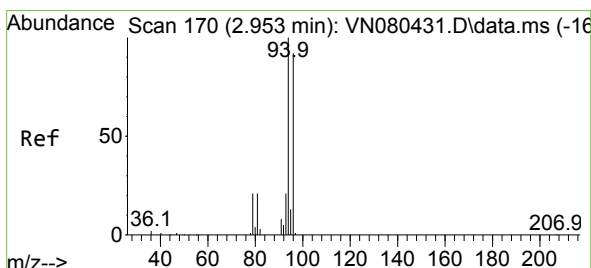
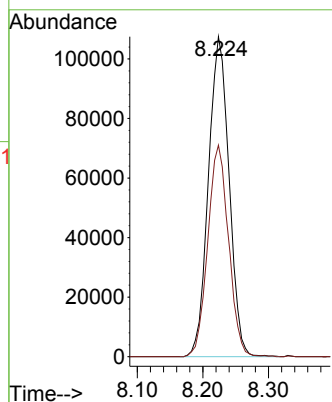
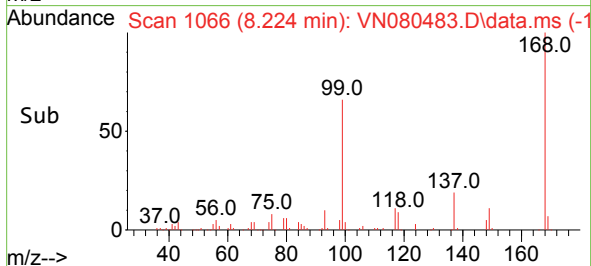


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

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MSVOA_N
ClientSampleId :

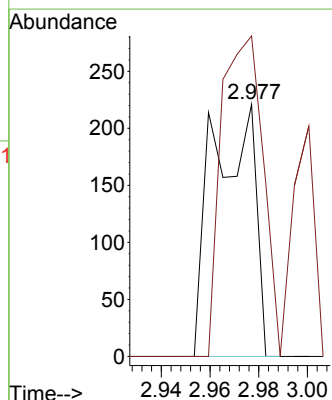
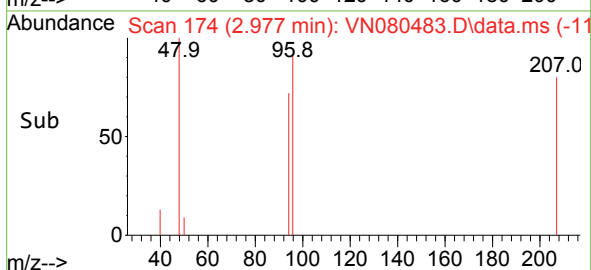
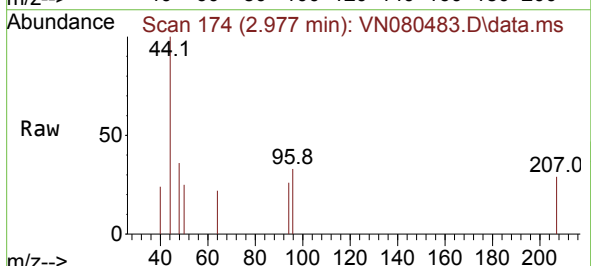


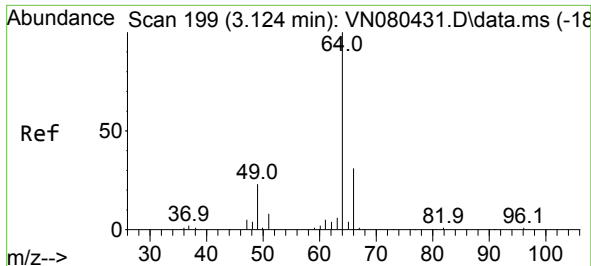
Tgt Ion:168 Resp: 235274
Ion Ratio Lower Upper
168 100
99 66.1 53.0 79.6



#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 94 Resp: 265
Ion Ratio Lower Upper
94 100
96 127.1 73.1 109.7#

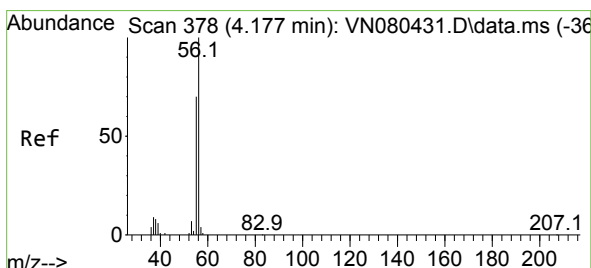
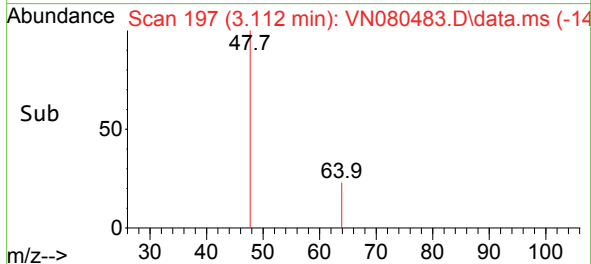
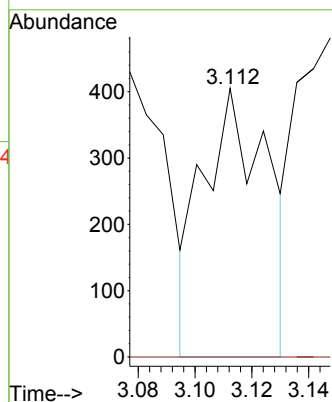
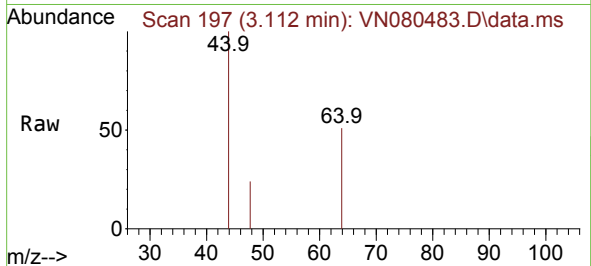




#6
Chloroethane
Concen: 0.384 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.012 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

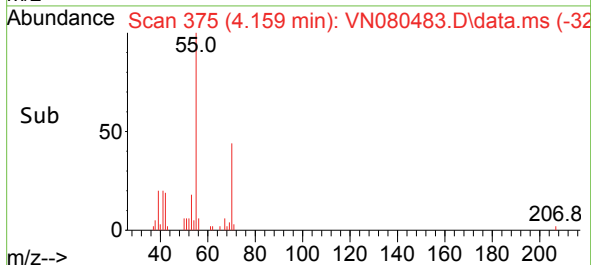
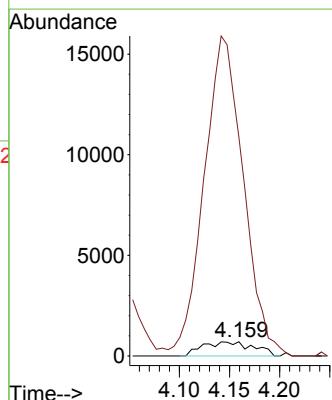
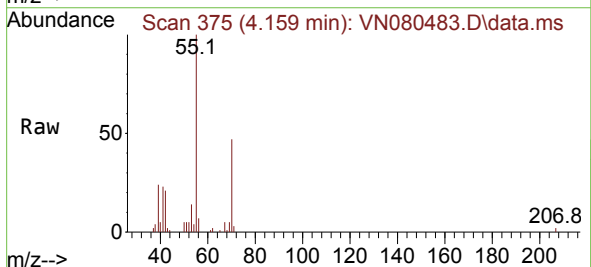
Instrument :
MSVOA_N
ClientSampleId :

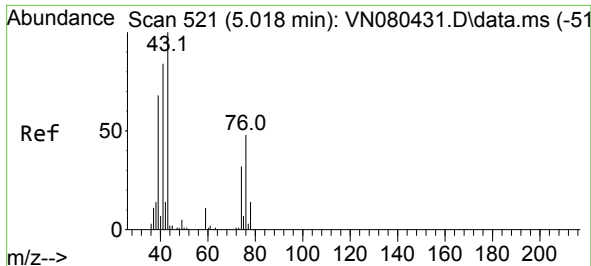
Tgt Ion: 64 Resp: 633
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



#13
Acrolein
Concen: 6.378 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.017 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

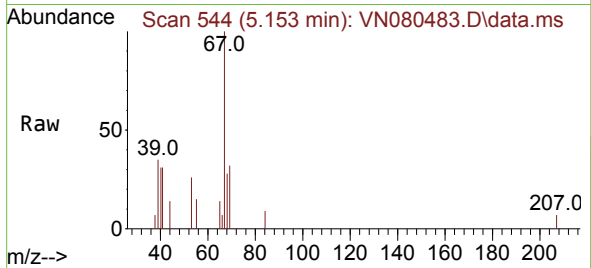
Tgt Ion: 56 Resp: 2472
Ion Ratio Lower Upper
56 100
55 1749.0 54.5 81.7#



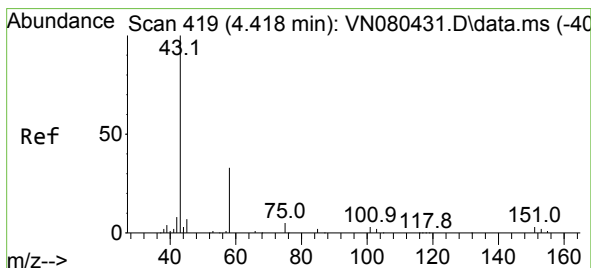
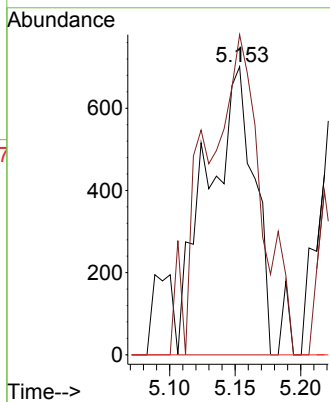
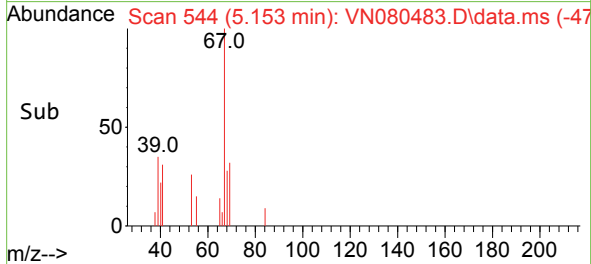


#14
Allyl chloride
Concen: 0.557 ug/l
RT: 5.153 min Scan# 544
Delta R.T. 0.135 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :

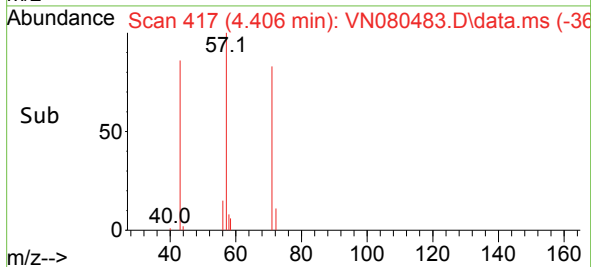
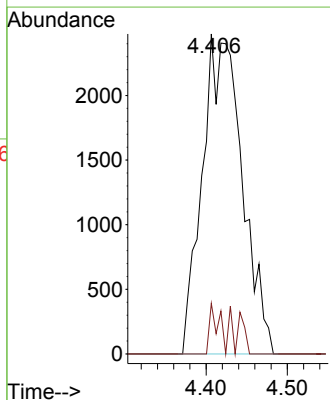
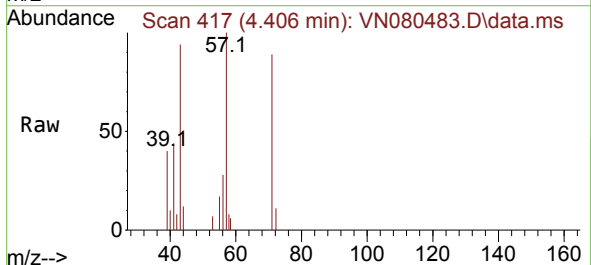


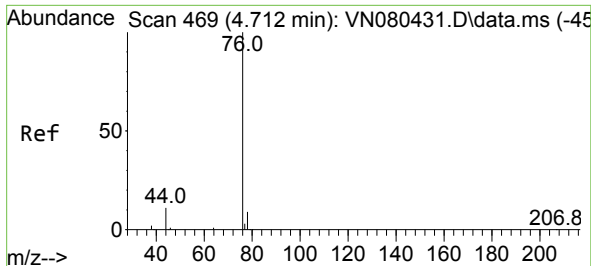
Tgt Ion: 41 Resp: 1742
Ion Ratio Lower Upper
41 100
39 85.1 58.8 88.2
76 0.0 39.1 58.7#



#16
Acetone
Concen: 15.852 ug/l
RT: 4.406 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 43 Resp: 8446
Ion Ratio Lower Upper
43 100
58 15.8 28.0 42.0#

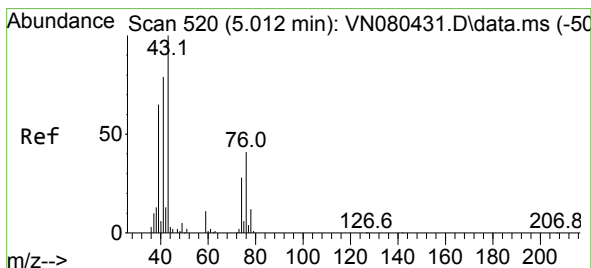
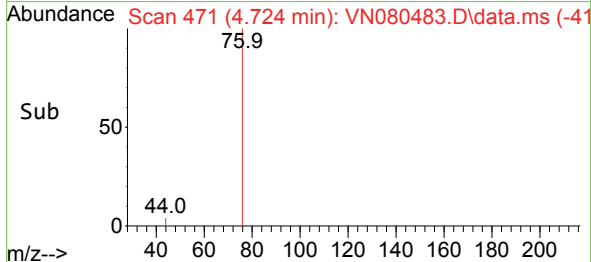
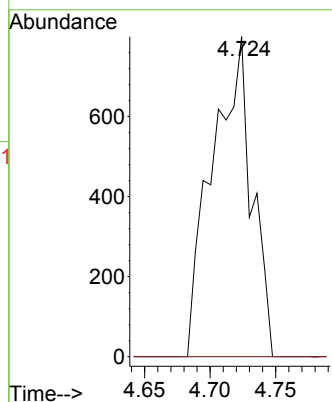
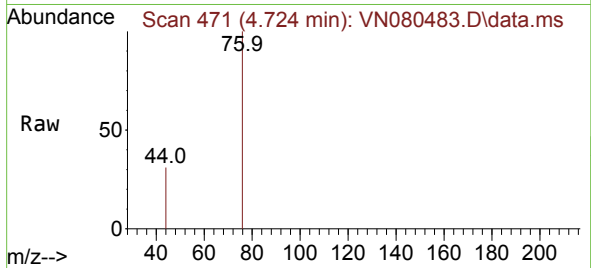




#17
Carbon Disulfide
Concen: 0.233 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

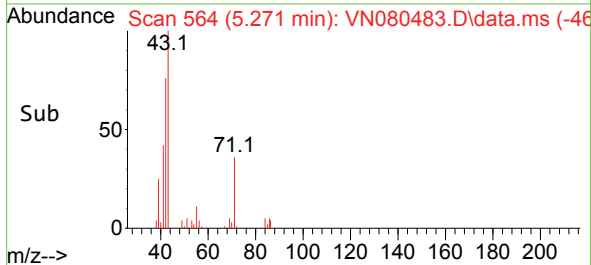
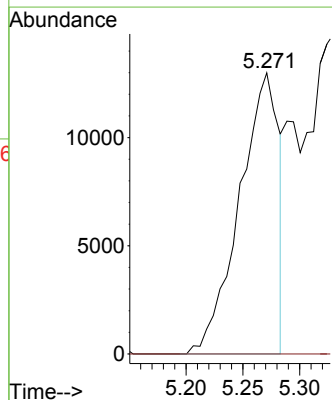
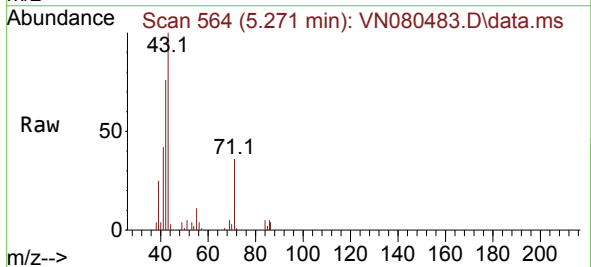
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MSVOA_N
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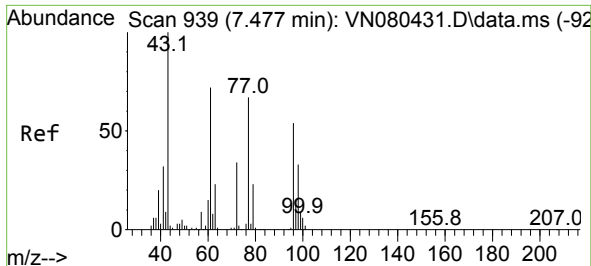
Tgt Ion: 76 Resp: 1670
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: 9.122 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.259 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

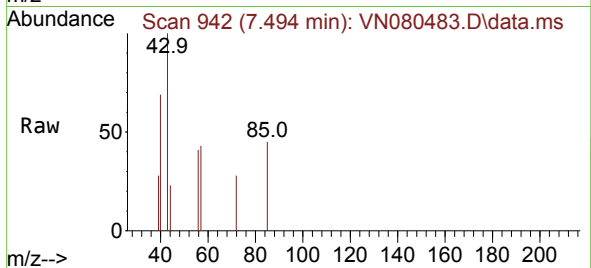
Tgt Ion: 43 Resp: 31273
Ion Ratio Lower Upper
43 100
74 0.0 26.2 39.4#



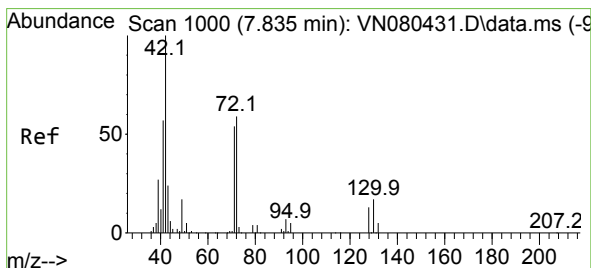
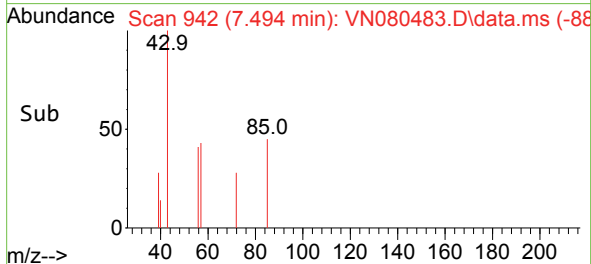
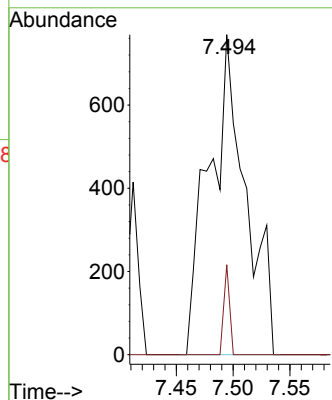


#25
2-Butanone
Concen: 1.679 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.018 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :

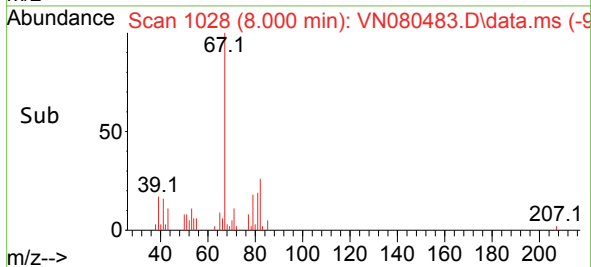
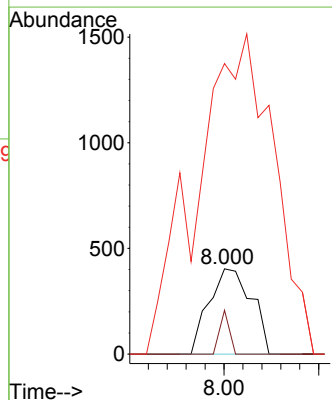
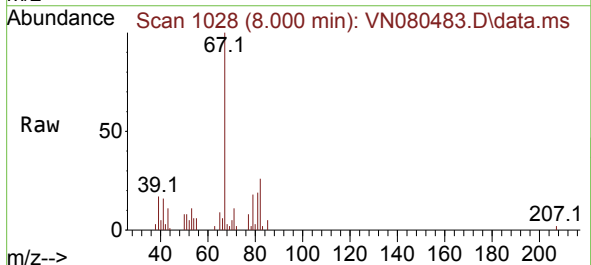


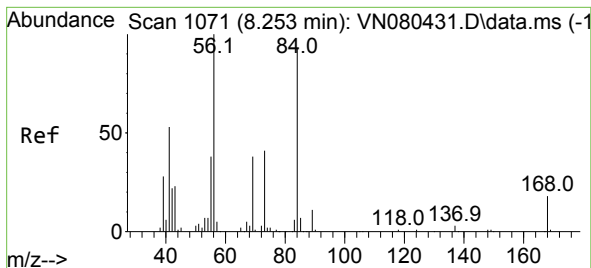
Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
72 28.1 30.2 45.2#



#29
Tetrahydrofuran
Concen: 0.858 ug/l
RT: 8.000 min Scan# 1028
Delta R.T. 0.165 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 42 Resp: 631
Ion Ratio Lower Upper
42 100
72 11.6 49.8 74.6#
71 678.4 47.4 71.2#





#31

Cyclohexane

Concen: 11.955 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

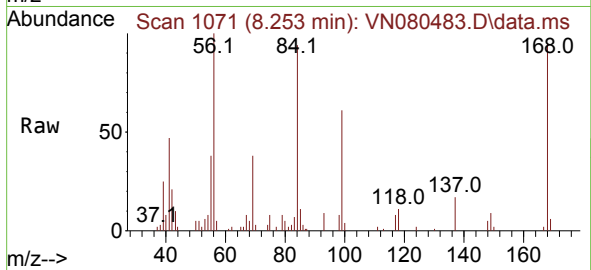
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Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :



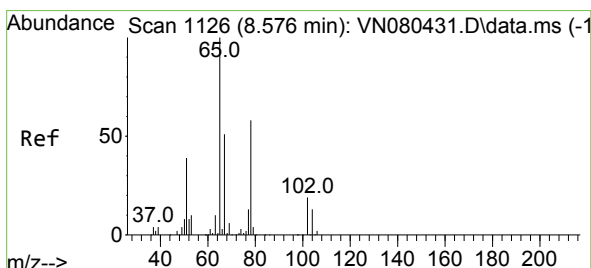
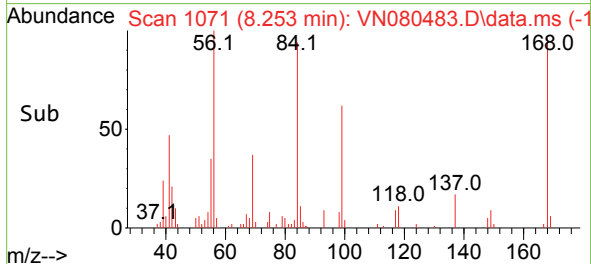
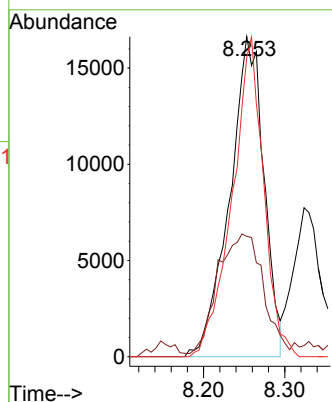
Tgt Ion: 56 Resp: 48853

Ion Ratio Lower Upper

56 100

69 36.4 26.8 40.2

84 93.6 81.8 122.6



#33

1,2-Dichloroethane-d4

Concen: 53.623 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080483.D

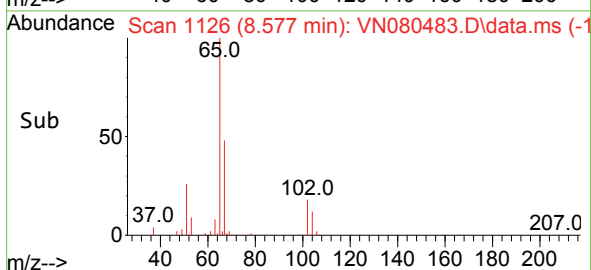
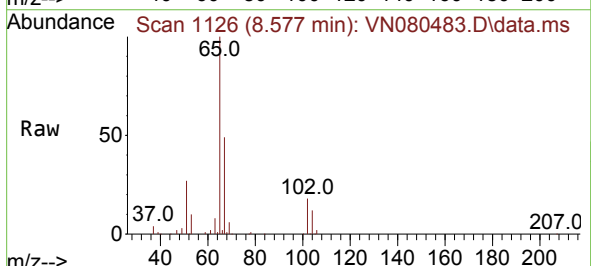
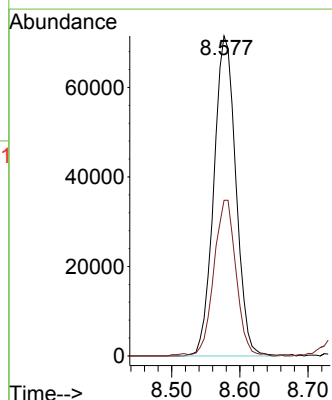
Acq: 14 Dec 2023 15:28

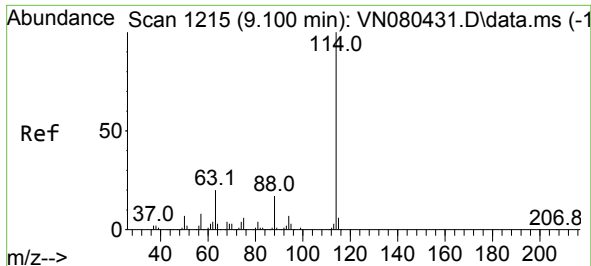
Tgt Ion: 65 Resp: 161137

Ion Ratio Lower Upper

65 100

67 48.8 0.0 106.6

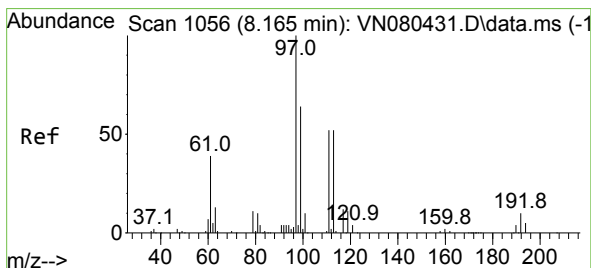
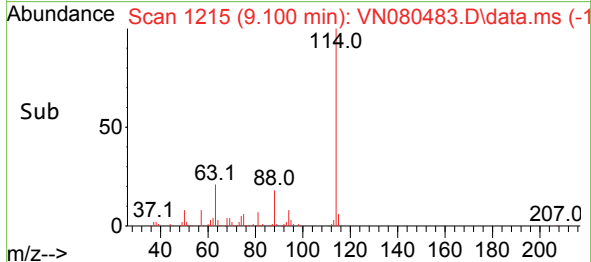
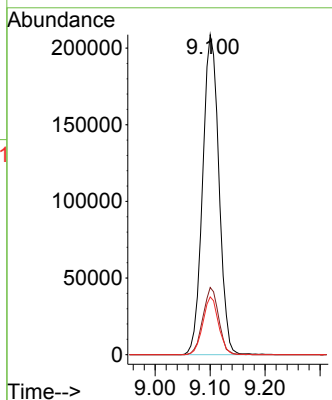
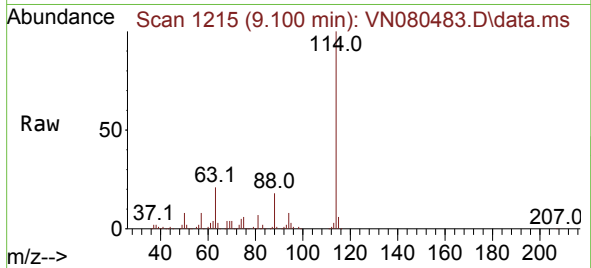




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

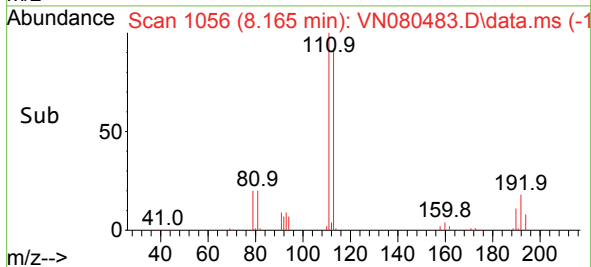
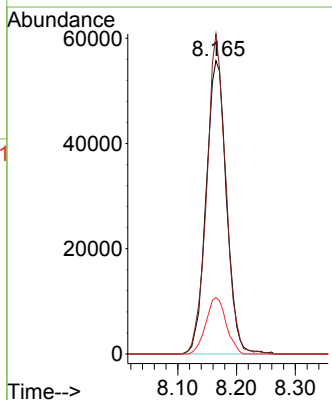
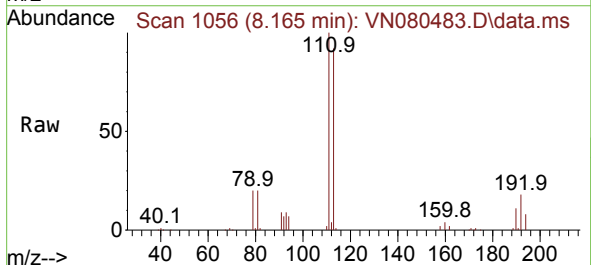
Instrument :
MSVOA_N
ClientSampleId :

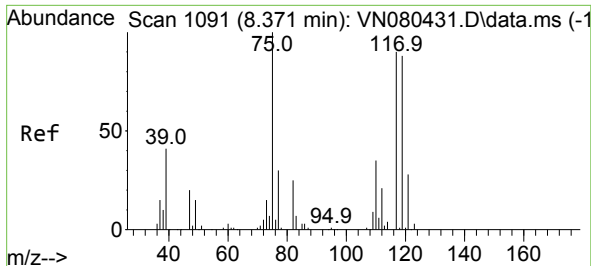
Tgt Ion:114 Resp: 429475
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 18.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.249 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

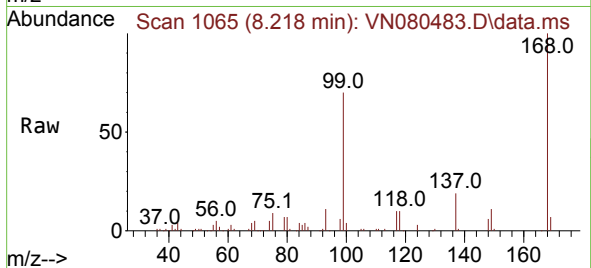
Tgt Ion:113 Resp: 134108
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 19.1 12.7 19.1#



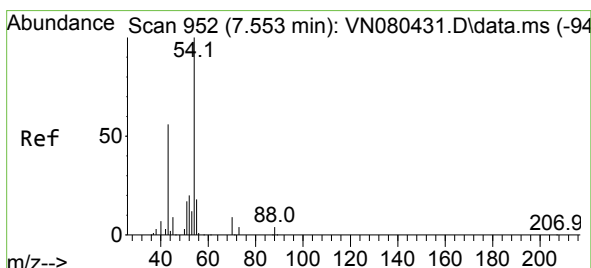
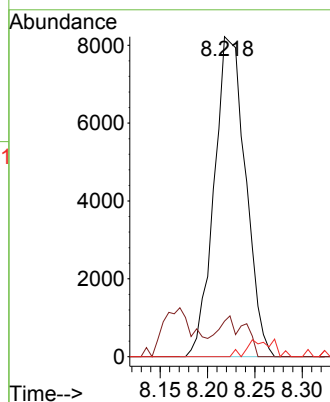
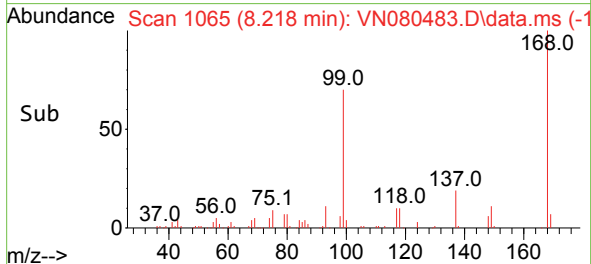


#36
1,1-Dichloropropene
Concen: 4.252 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :

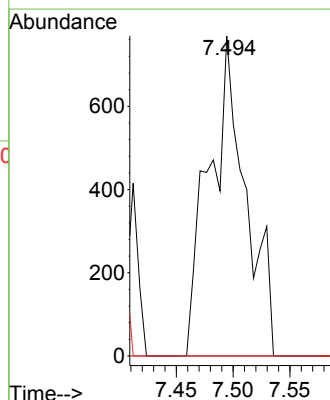
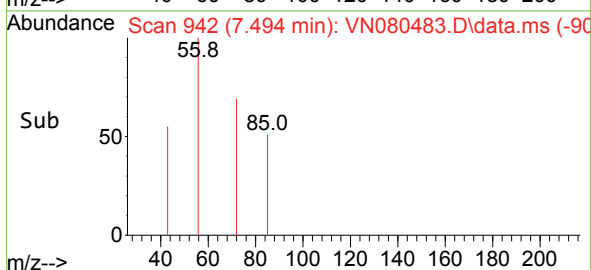
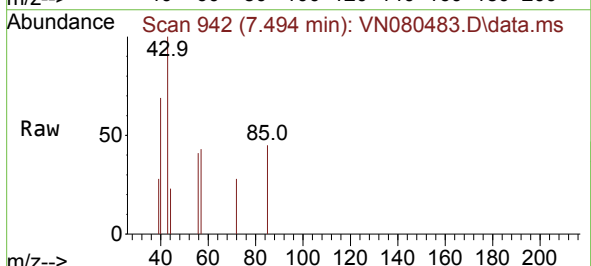


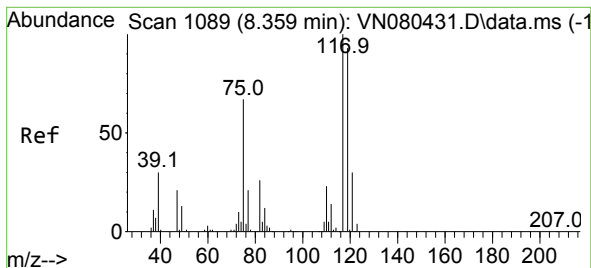
Tgt Ion: 75 Resp: 18933
Ion Ratio Lower Upper
75 100
110 11.1 19.1 57.3#
77 0.0 25.0 37.4#



#37
Ethyl Acetate
Concen: 0.618 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.059 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 43 Resp: 1723
Ion Ratio Lower Upper
43 100
61 0.0 13.2 19.8#
70 0.0 11.3 16.9#





#38

Carbon Tetrachloride

Concen: 4.918 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.129 min

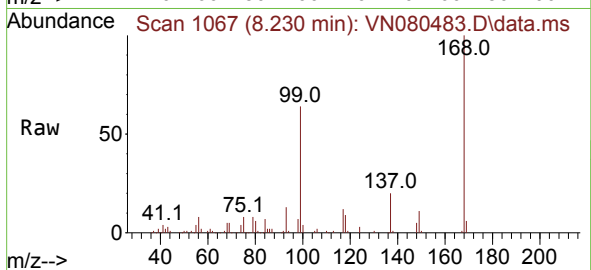
Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :



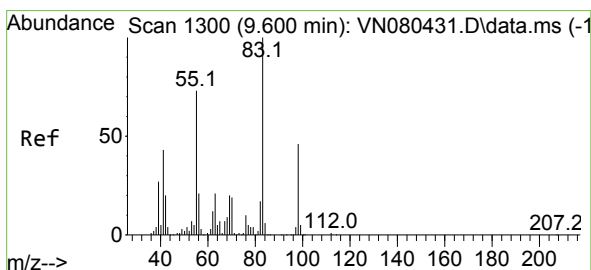
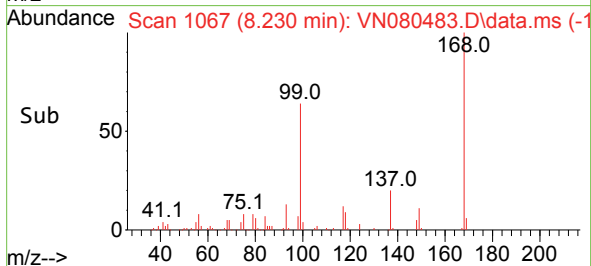
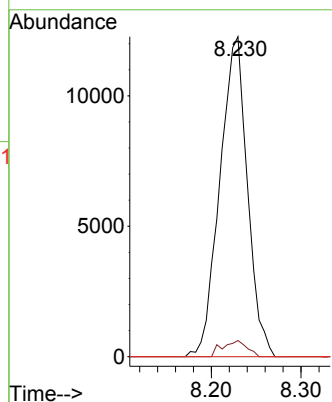
Tgt Ion:117 Resp: 26164

Ion Ratio Lower Upper

117 100

119 5.0 77.3 115.9#

121 0.0 23.3 34.9#



#39

Methylcyclohexane

Concen: 6.039 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

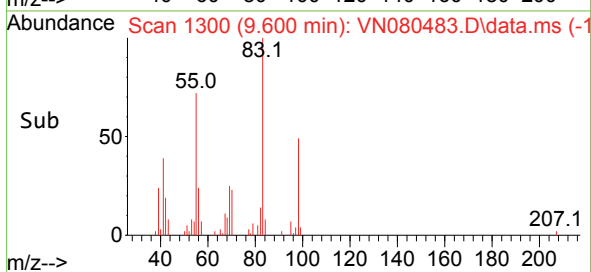
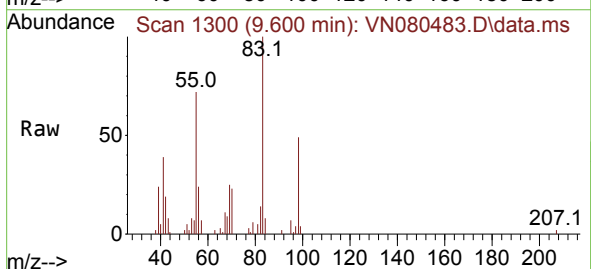
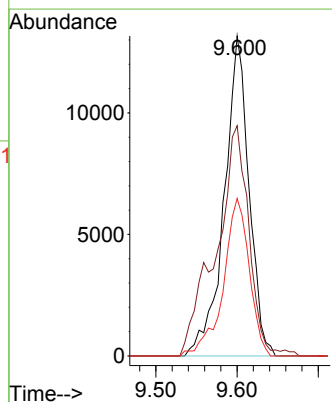
Tgt Ion: 83 Resp: 27931

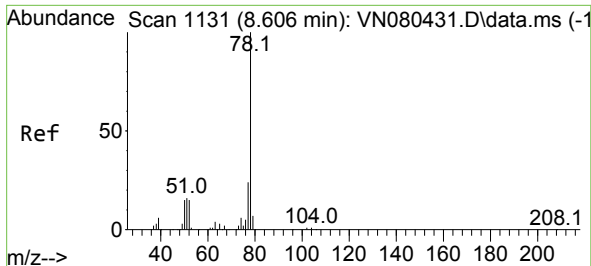
Ion Ratio Lower Upper

83 100

55 72.0 49.1 73.7

98 49.2 40.6 61.0

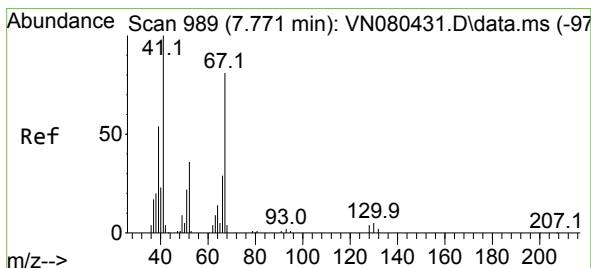
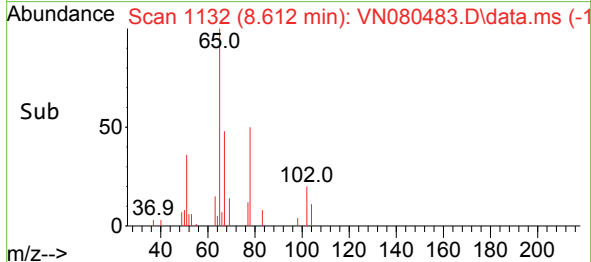
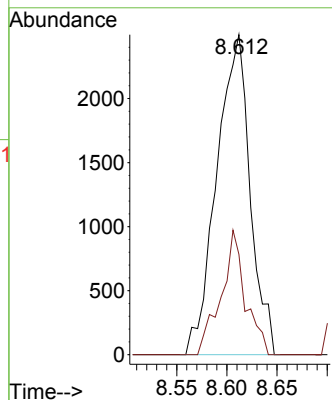
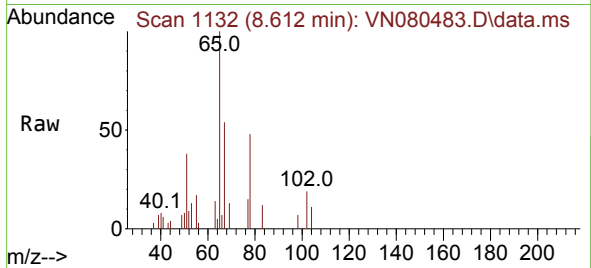




#40
Benzene
Concen: 0.449 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

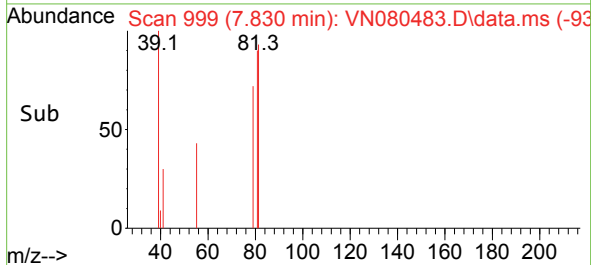
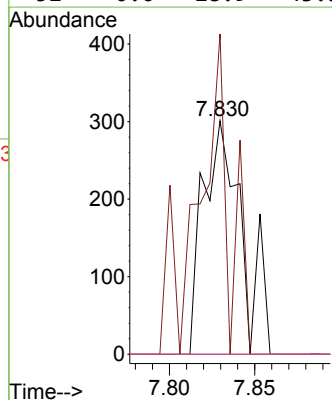
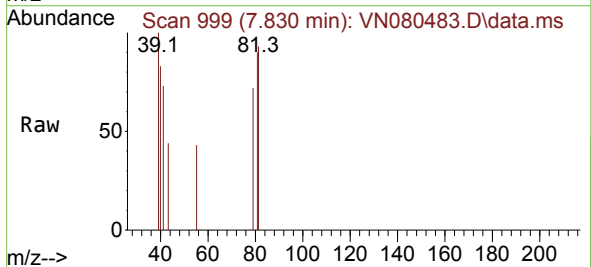
Instrument :
MSVOA_N
ClientSampleId :

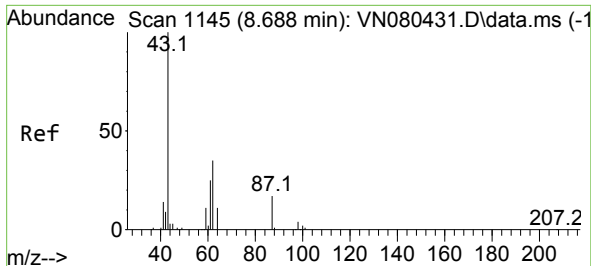
Tgt Ion: 78 Resp: 5777
Ion Ratio Lower Upper
78 100
77 31.4 19.0 28.6#



#41
Methacrylonitrile
Concen: 0.296 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.059 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

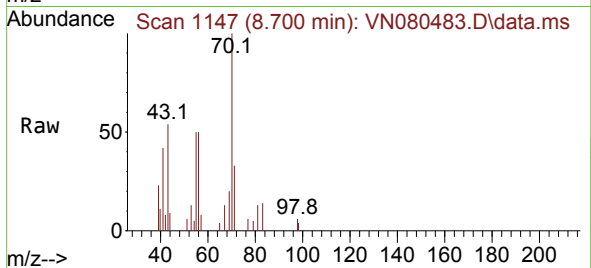
Tgt Ion: 41 Resp: 476
Ion Ratio Lower Upper
41 100
39 96.2 42.6 64.0#
67 0.0 77.5 116.3#
52 0.0 28.9 43.3#



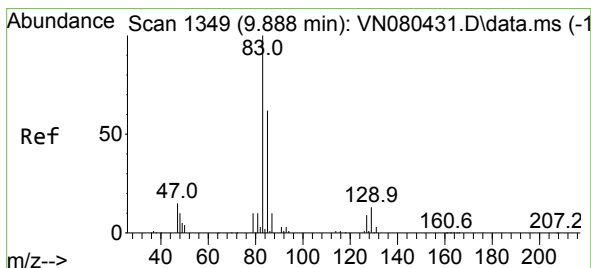
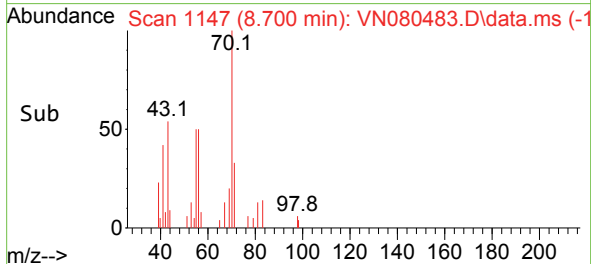
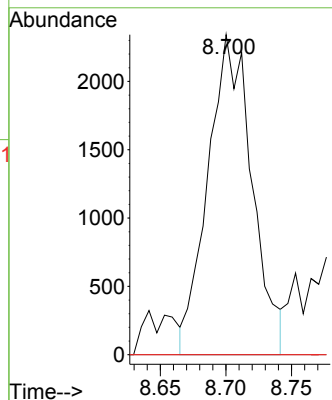


#43
Isopropyl Acetate
Concen: 1.089 ug/l
RT: 8.700 min Scan# 1145
Delta R.T. 0.012 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :

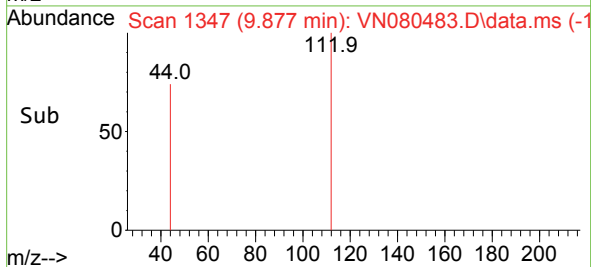
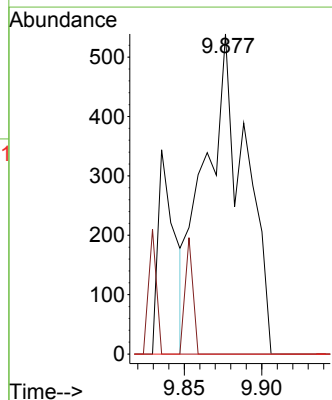
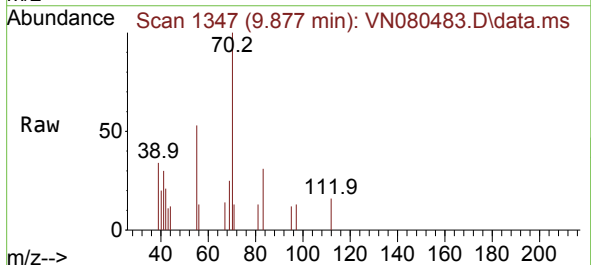


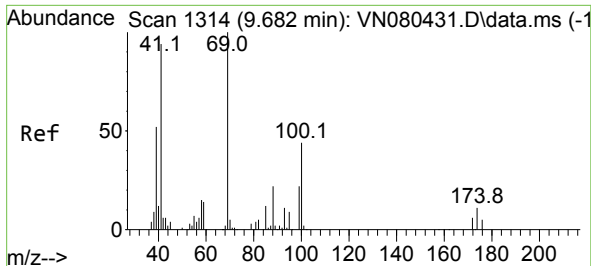
Tgt Ion: 43 Resp: 5459
Ion Ratio Lower Upper
43 100
61 0.0 24.7 37.1#
87 0.0 14.6 21.8#



#47
Bromodichloromethane
Concen: 0.214 ug/l
RT: 9.877 min Scan# 1347
Delta R.T. -0.012 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 83 Resp: 996
Ion Ratio Lower Upper
83 100
85 0.0 49.6 74.4#
127 0.0 7.0 10.6#

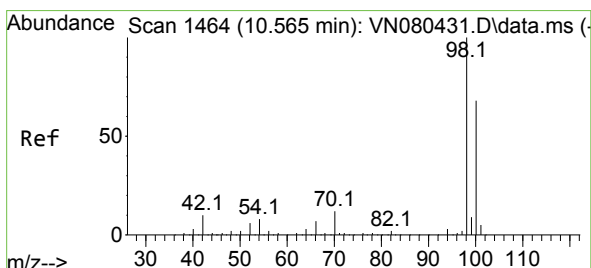
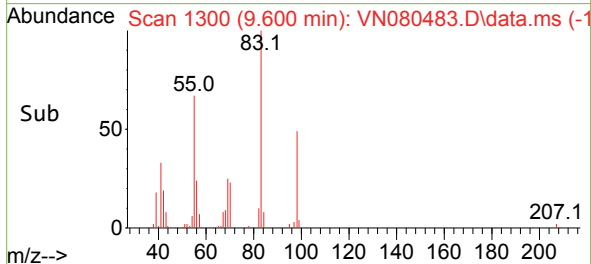
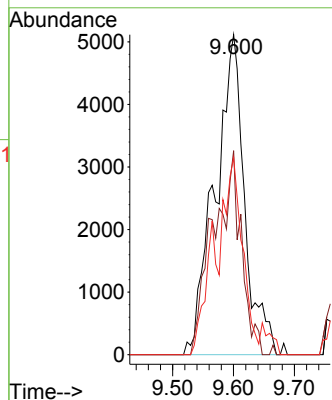
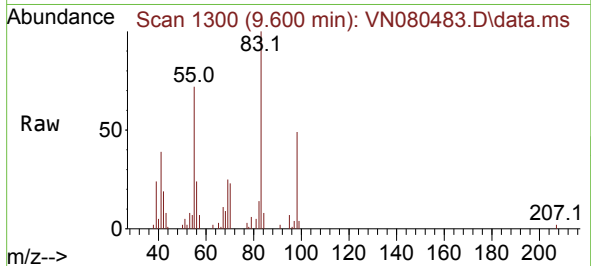




#48
Methyl methacrylate
Concen: 5.776 ug/l
RT: 9.600 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

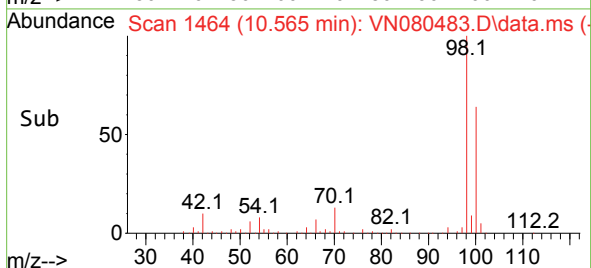
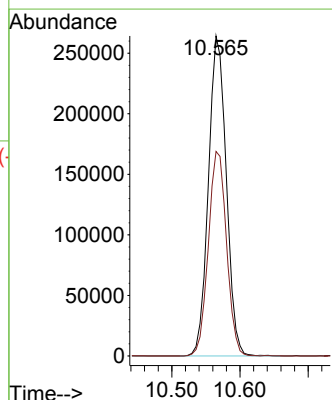
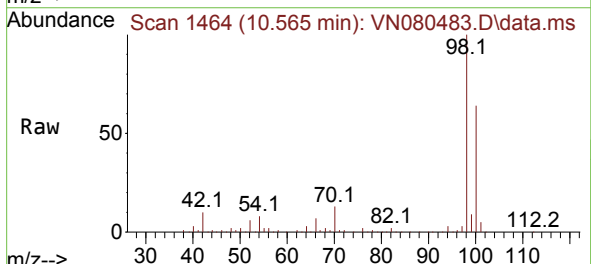
Instrument :
MSVOA_N
ClientSampleId :

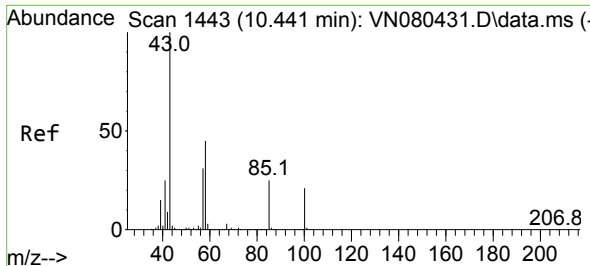
Tgt Ion: 41 Resp: 17279
Ion Ratio Lower Upper
41 100
69 27.1 90.4 135.6#
39 38.2 54.6 81.8#



#50
Toluene-d8
Concen: 47.460 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 98 Resp: 481984
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

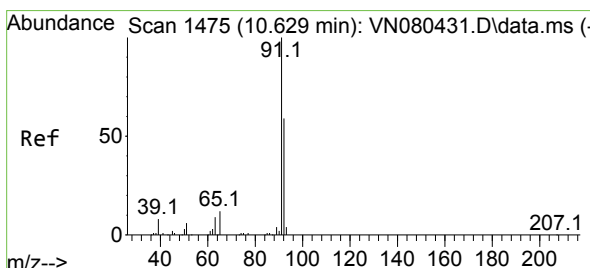
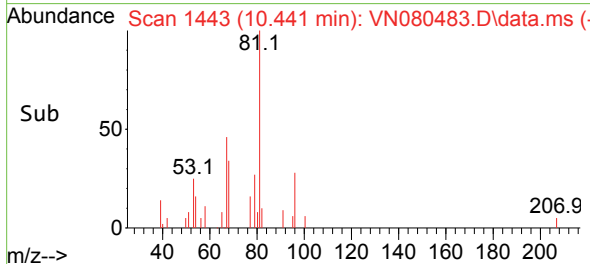
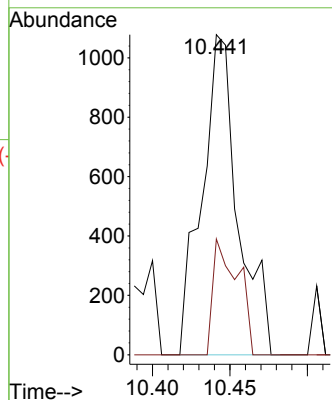
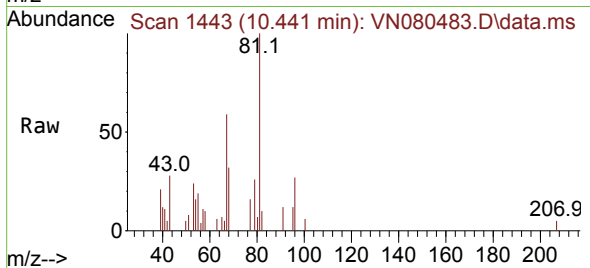
ClientSampleId :

Tgt Ion: 43 Resp: 1753

Ion Ratio Lower Upper

43 100

58 24.9 36.6 54.8#



#52

Toluene

Concen: 12.211 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN080483.D

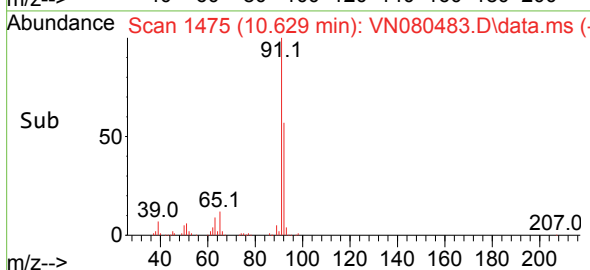
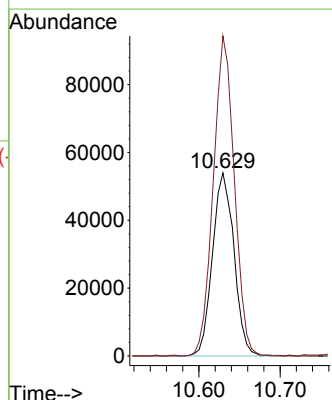
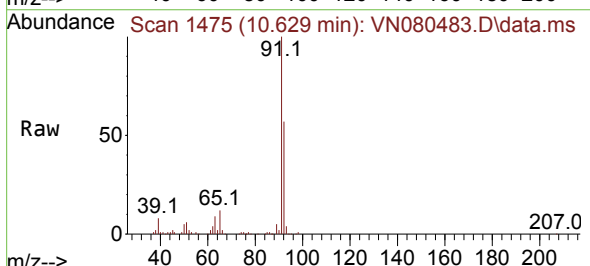
Acq: 14 Dec 2023 15:28

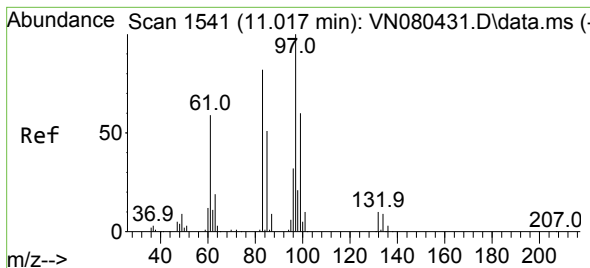
Tgt Ion: 92 Resp: 99176

Ion Ratio Lower Upper

92 100

91 171.4 137.4 206.0





#55

1,1,2-Trichloroethane

Concen: 1.648 ug/l

RT: 11.006 min Scan# 1

Delta R.T. -0.012 min

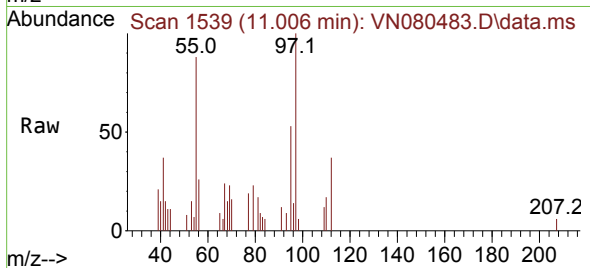
Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 4817

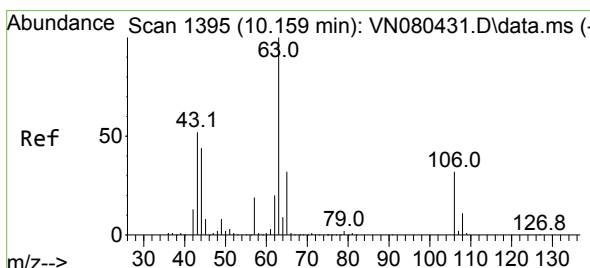
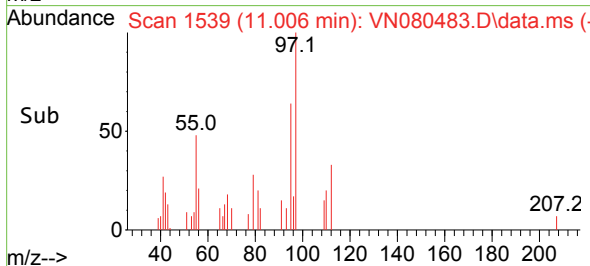
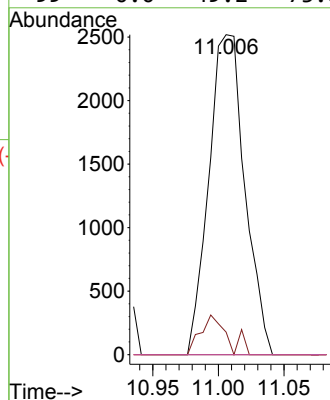
Ion Ratio Lower Upper

97 100

83 7.0 65.1 97.7#

85 0.0 43.4 65.2#

99 0.0 49.2 73.8#



#58

2-Chloroethyl Vinyl ether

Concen: 0.418 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN080483.D

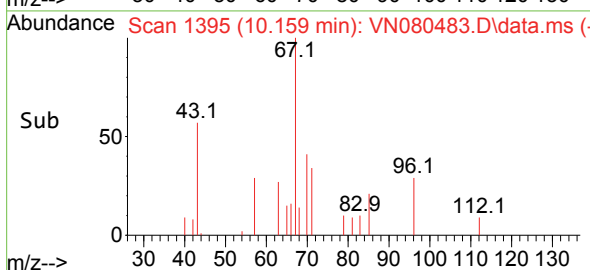
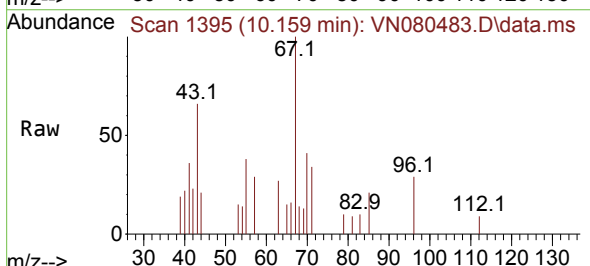
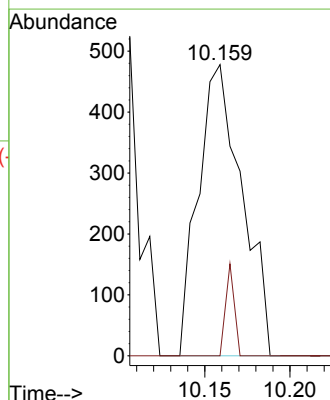
Acq: 14 Dec 2023 15:28

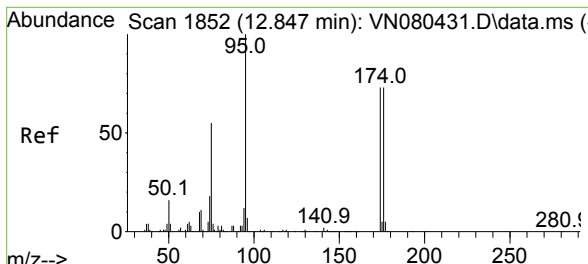
Tgt Ion: 63 Resp: 854

Ion Ratio Lower Upper

63 100

106 6.2 26.2 39.4#

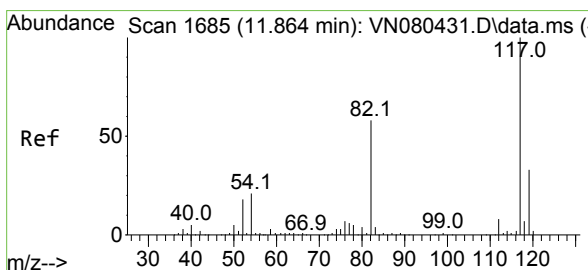
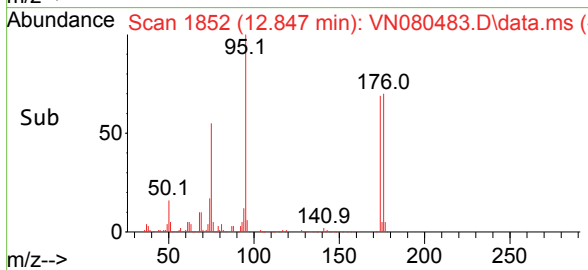
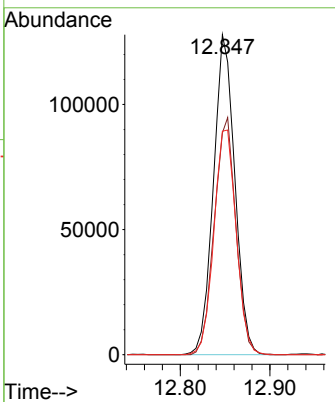
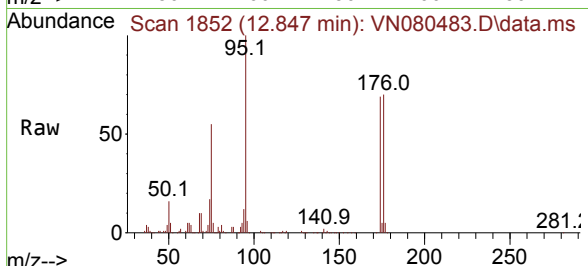




#62
 4-Bromofluorobenzene
 Concen: 54.830 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN080483.D
 Acq: 14 Dec 2023 15:28

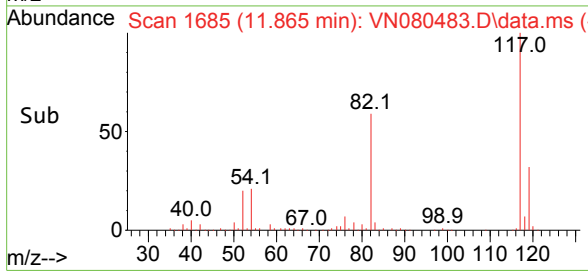
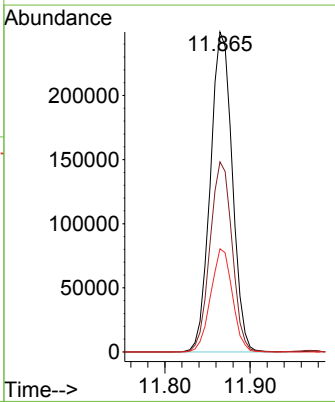
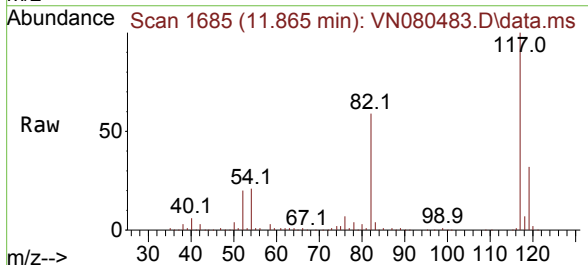
Instrument :
 MSVOA_N
 ClientSampleId :

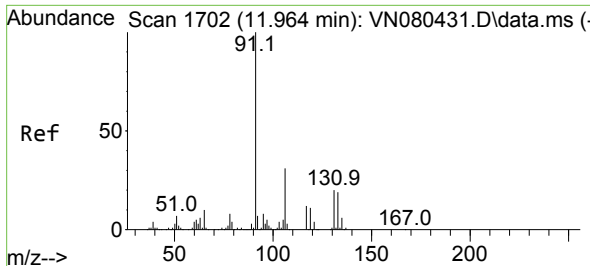
Tgt Ion:	95	Resp:	211442
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	143.8
176	73.3	0.0	135.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN080483.D
 Acq: 14 Dec 2023 15:28

Tgt Ion:	117	Resp:	447261
Ion	Ratio	Lower	Upper
117	100		
82	59.4	44.0	66.0
119	32.2	25.6	38.4

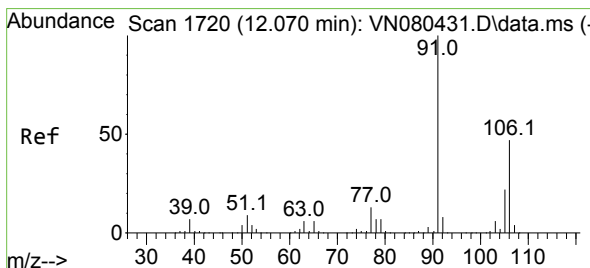
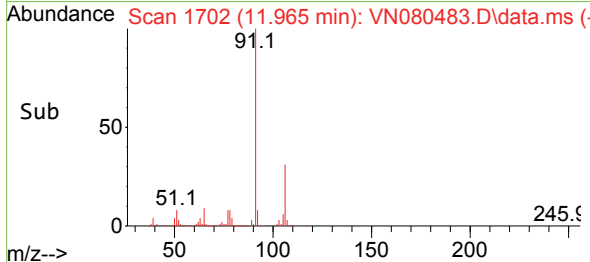
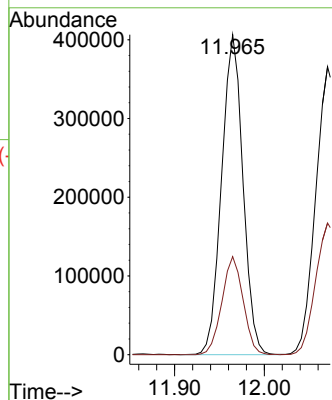
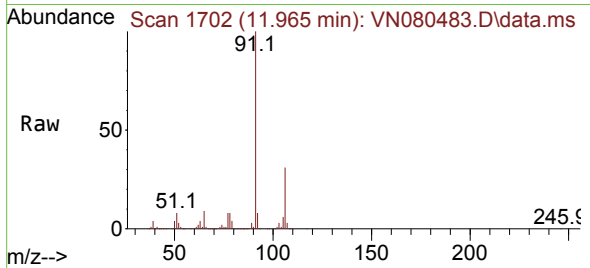




#67
Ethyl Benzene
Concen: 36.701 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

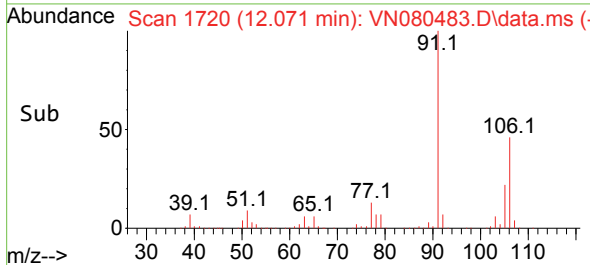
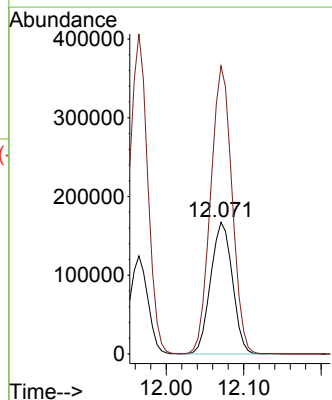
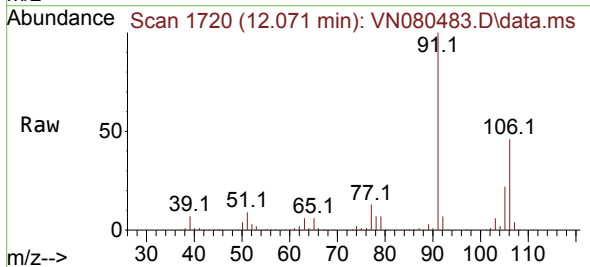
Instrument :
MSVOA_N
ClientSampleId :

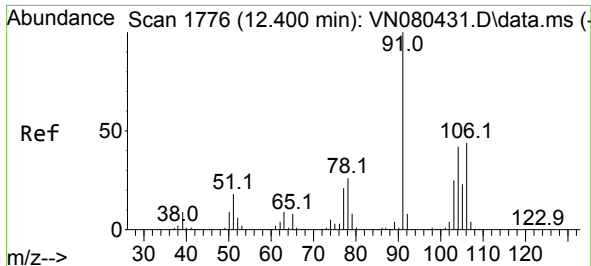
Tgt Ion: 91 Resp: 671419
Ion Ratio Lower Upper
91 100
106 30.6 25.6 38.4



#68
m/p-Xylenes
Concen: 48.308 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion:106 Resp: 326572
Ion Ratio Lower Upper
106 100
91 214.7 159.6 239.4

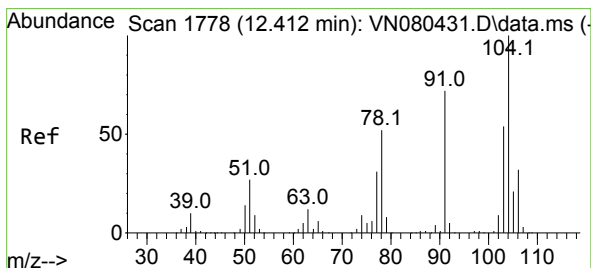
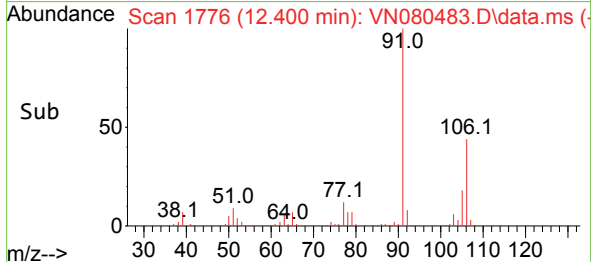
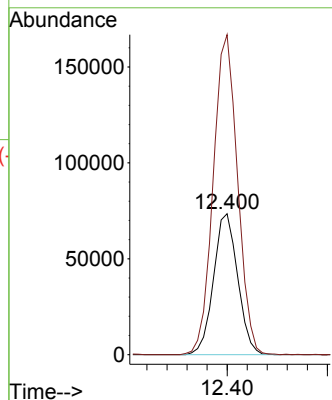
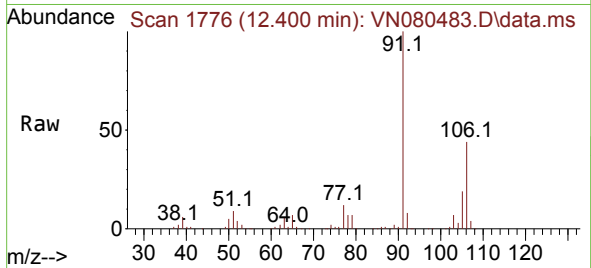




#69
o-Xylene
Concen: 18.570 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

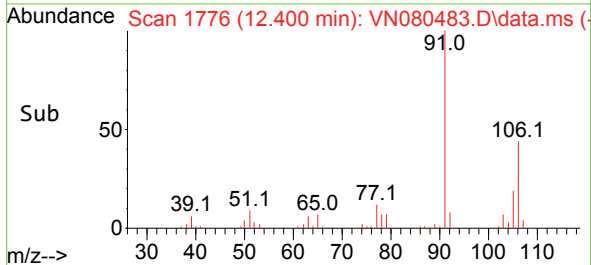
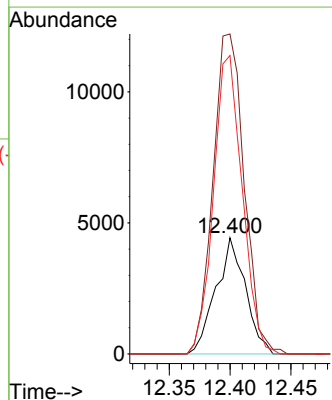
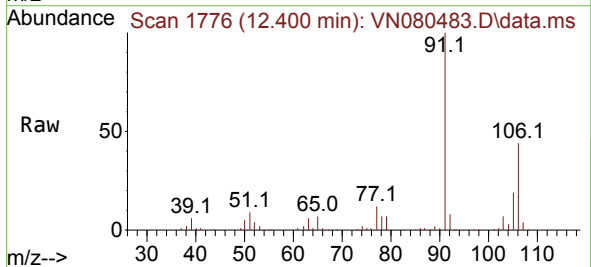
Instrument :
MSVOA_N
ClientSampleId :

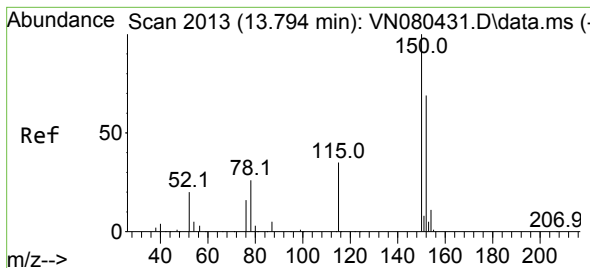
Tgt Ion:106 Resp: 122792
Ion Ratio Lower Upper
106 100
91 228.7 105.2 315.5



#70
Styrene
Concen: 0.789 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion:104 Resp: 7515
Ion Ratio Lower Upper
104 100
78 289.5 39.5 59.3#
103 249.9 43.2 64.8#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

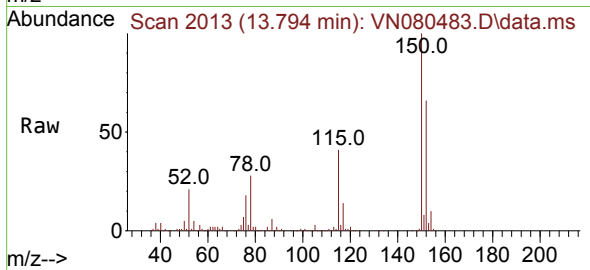
Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :



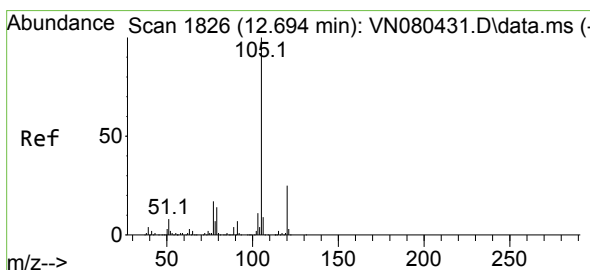
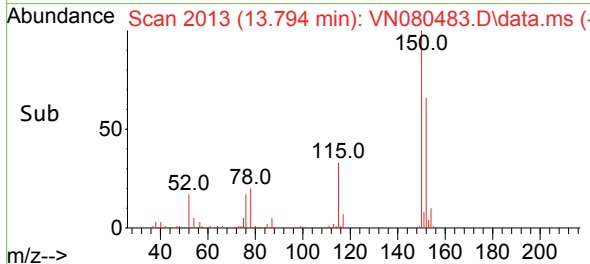
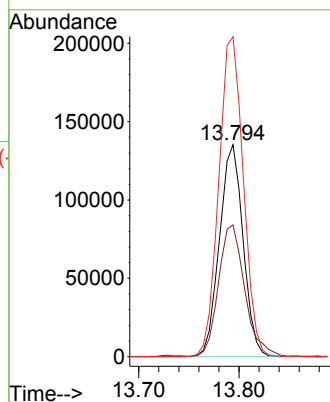
Tgt Ion:152 Resp: 220405

Ion Ratio Lower Upper

152 100

115 69.8 32.3 96.8

150 156.9 0.0 355.8



#73

Isopropylbenzene

Concen: 2.943 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN080483.D

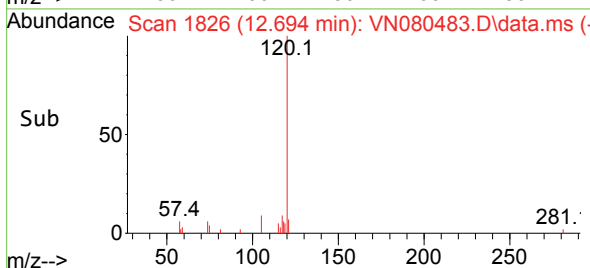
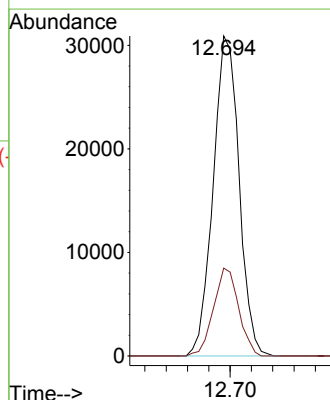
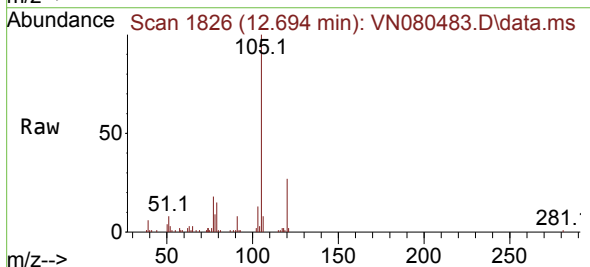
Acq: 14 Dec 2023 15:28

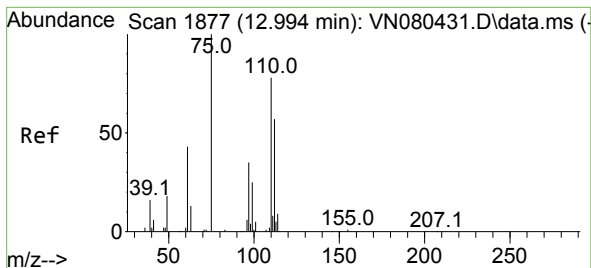
Tgt Ion:105 Resp: 52099

Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1





#76

1,2,3-Trichloropropane

Concen: 26.288 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

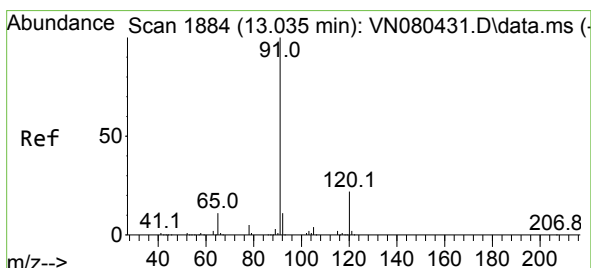
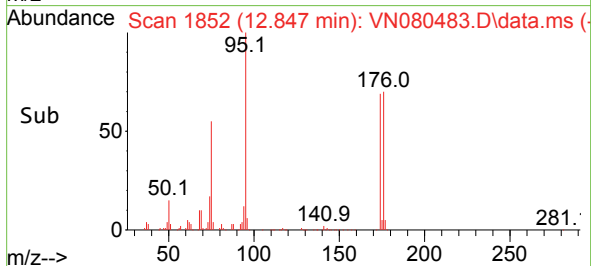
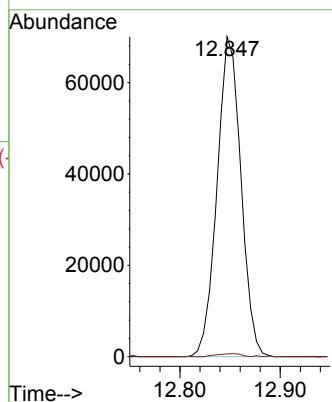
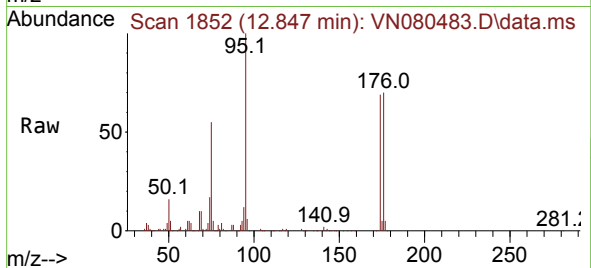
ClientSampleId :

Tgt Ion: 75 Resp: 115587

Ion Ratio Lower Upper

75 100

77 1.0 84.5 253.5#



#78

n-propylbenzene

Concen: 12.651 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN080483.D

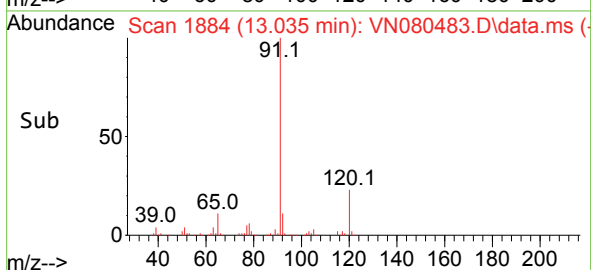
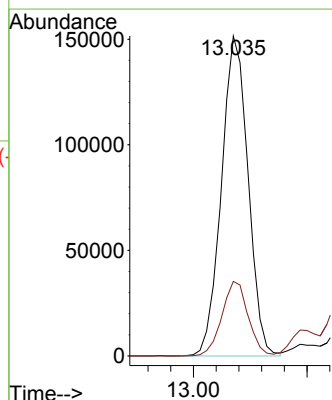
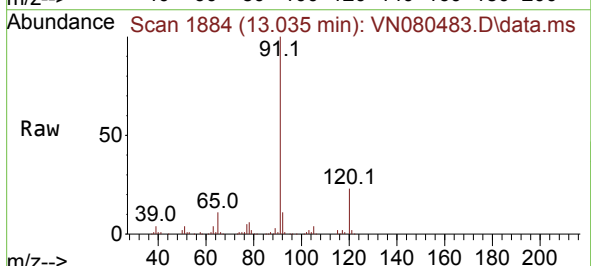
Acq: 14 Dec 2023 15:28

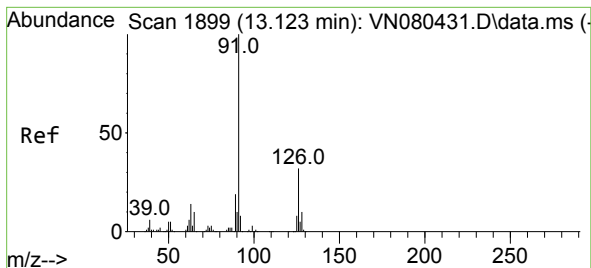
Tgt Ion: 91 Resp: 246972

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.366 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

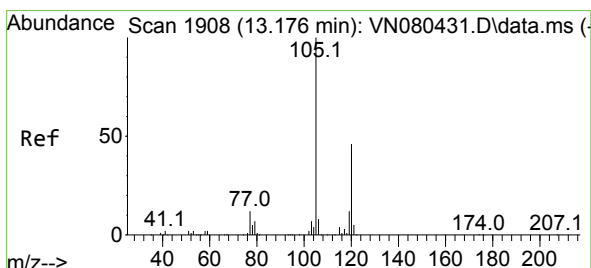
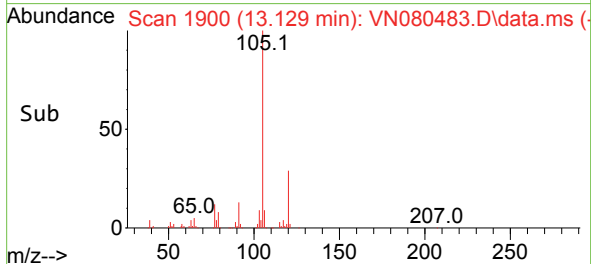
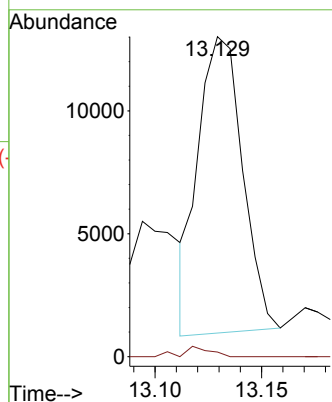
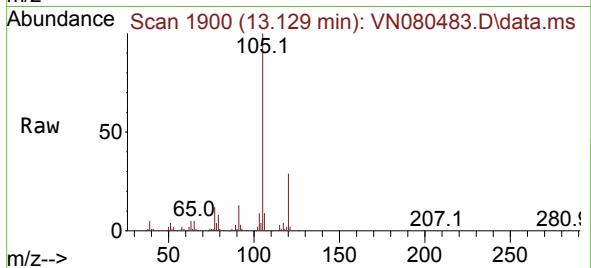
ClientSampleId :

Tgt Ion: 91 Resp: 17415

Ion Ratio Lower Upper

91 100

126 2.2 16.3 48.8#



#80

1,3,5-Trimethylbenzene

Concen: 1.788 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VN080483.D

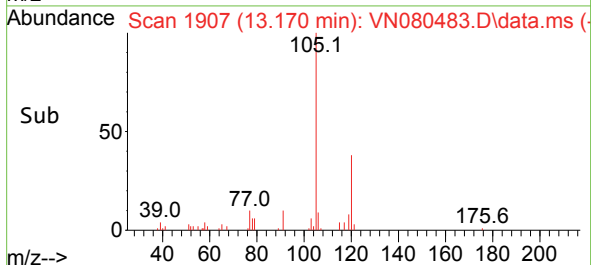
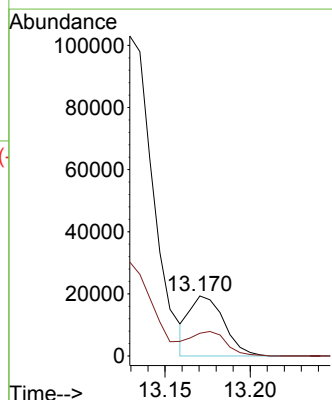
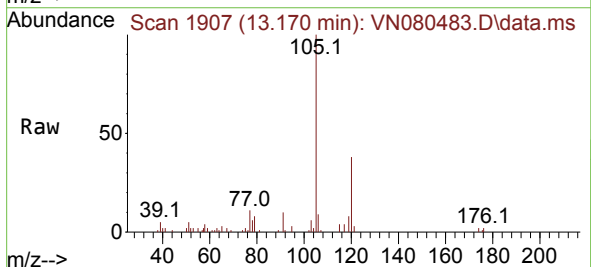
Acq: 14 Dec 2023 15:28

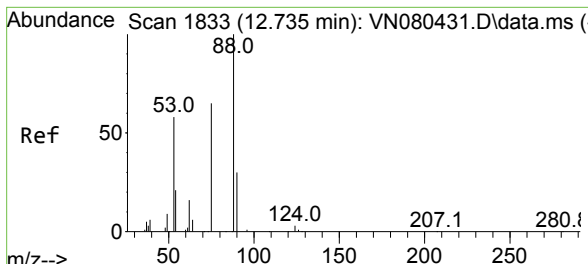
Tgt Ion: 105 Resp: 27259

Ion Ratio Lower Upper

105 100

120 41.9 24.1 72.3



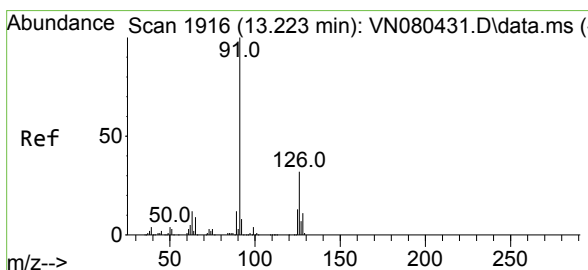
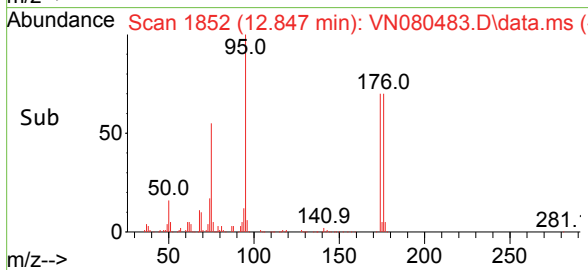
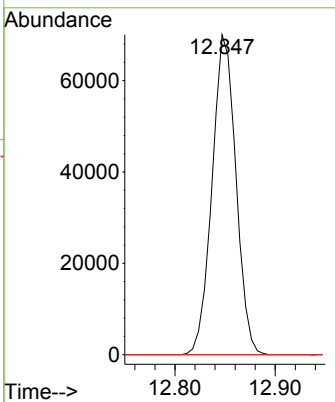
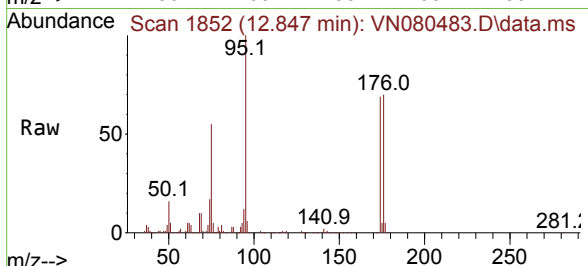


#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.021 ug/l
 RT: 12.847 min Scan# 1155
 Delta R.T. 0.112 min
 Lab File: VN080483.D
 Acq: 14 Dec 2023 15:28

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 115587

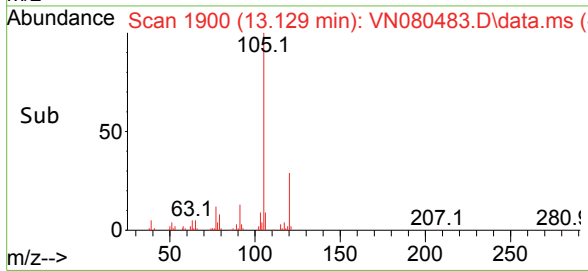
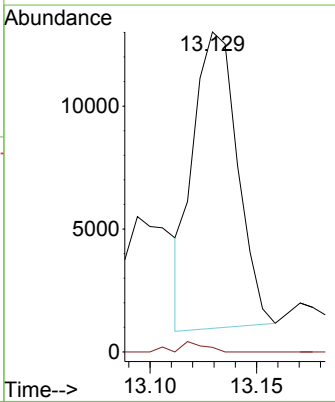
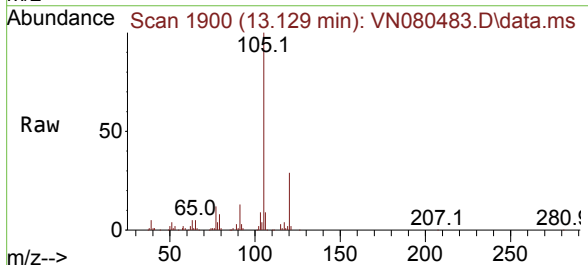
Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.4	101.2#
89	0.0	38.8	58.2#

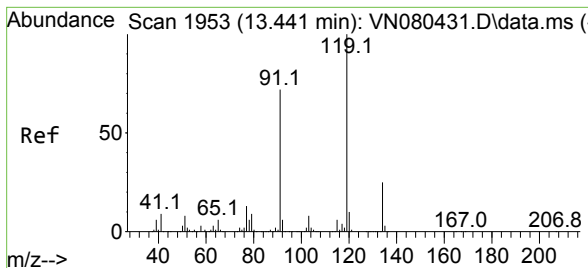


#82
 4-Chlorotoluene
 Concen: 1.329 ug/l
 RT: 13.129 min Scan# 1900
 Delta R.T. -0.094 min
 Lab File: VN080483.D
 Acq: 14 Dec 2023 15:28

Tgt Ion: 91 Resp: 17415

Ion	Ratio	Lower	Upper
91	100		
126	2.2	16.7	50.0#





#83

tert-Butylbenzene

Concen: 9.677 ug/l

RT: 13.482 min Scan# 1953

Delta R.T. 0.041 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :

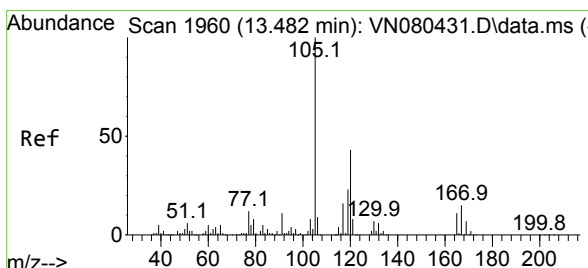
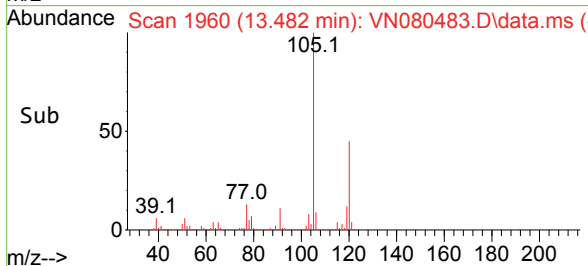
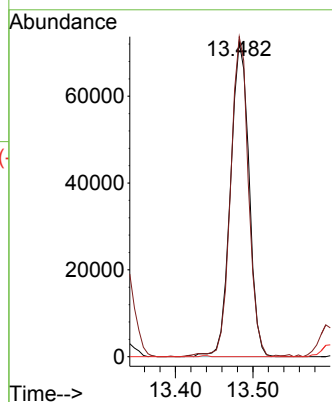
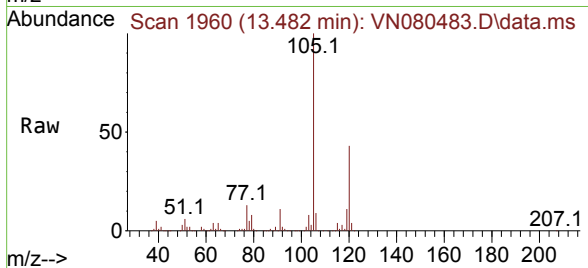
Tgt Ion:119 Resp: 120847

Ion Ratio Lower Upper

119 100

91 98.4 33.9 101.7

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 67.969 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080483.D

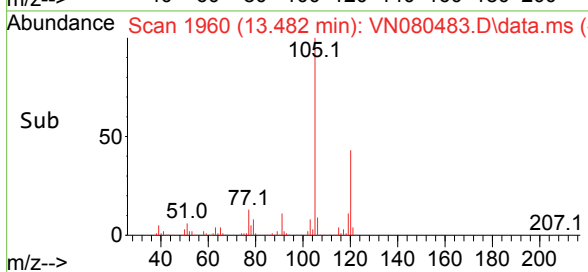
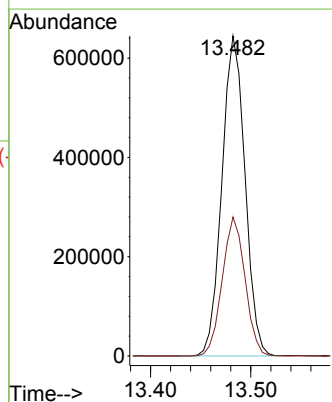
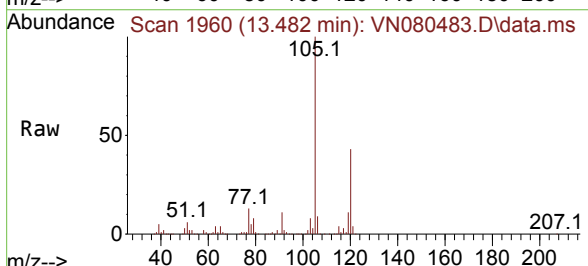
Acq: 14 Dec 2023 15:28

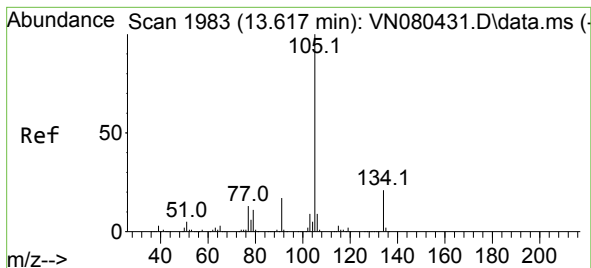
Tgt Ion:105 Resp: 1031104

Ion Ratio Lower Upper

105 100

120 42.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 64.544 ug/l

RT: 13.482 min Scan# 1983

Delta R.T. -0.135 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

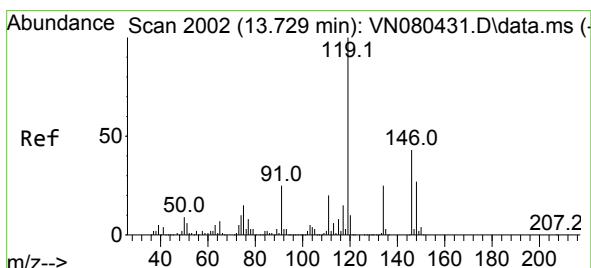
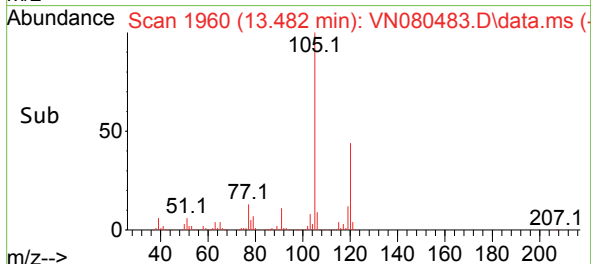
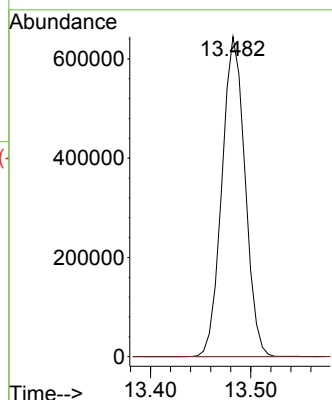
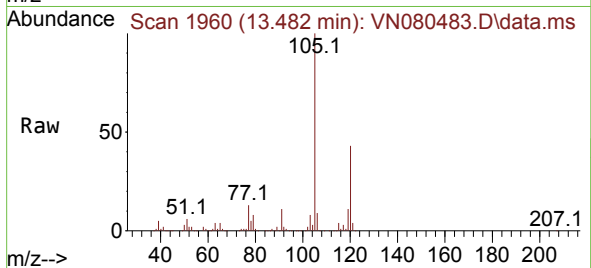
ClientSampleId :

Tgt Ion:105 Resp: 1031104

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 0.749 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

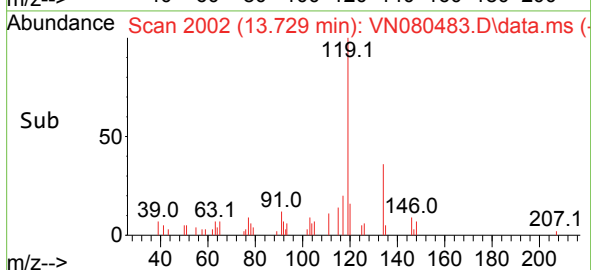
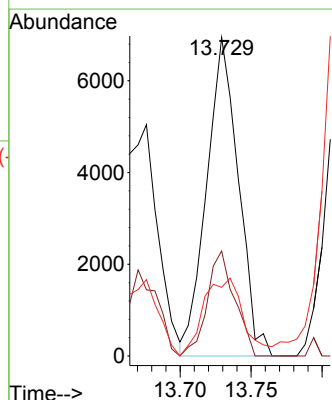
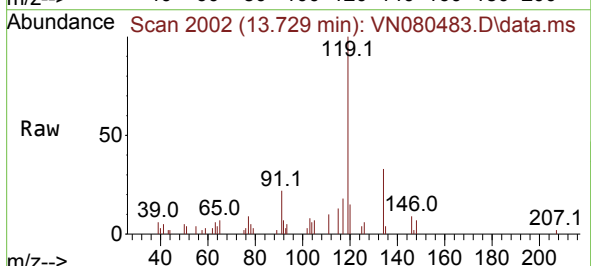
Tgt Ion:119 Resp: 10801

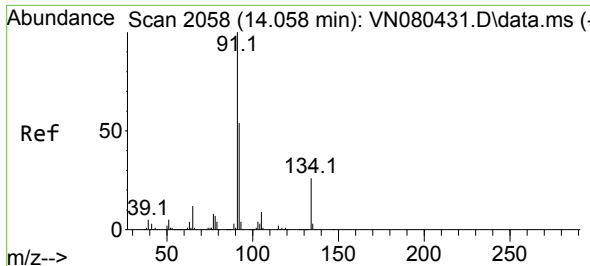
Ion Ratio Lower Upper

119 100

134 28.5 12.6 37.8

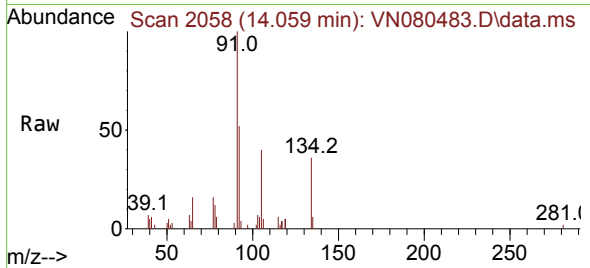
91 0.0 12.4 37.2#



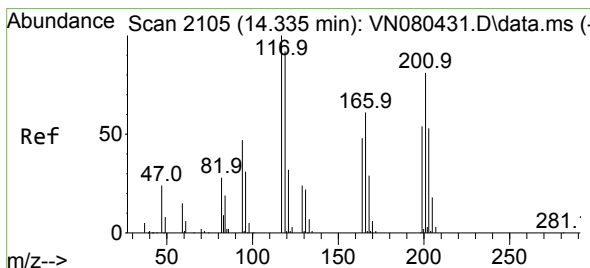
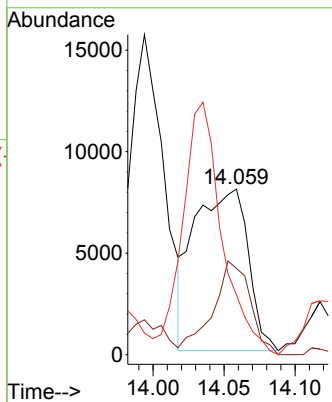
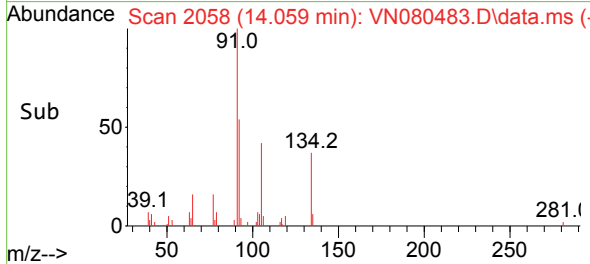


#89
n-Butylbenzene
Concen: 1.737 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :

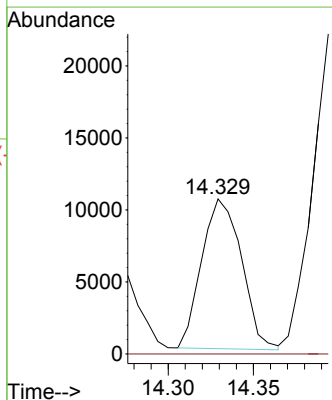
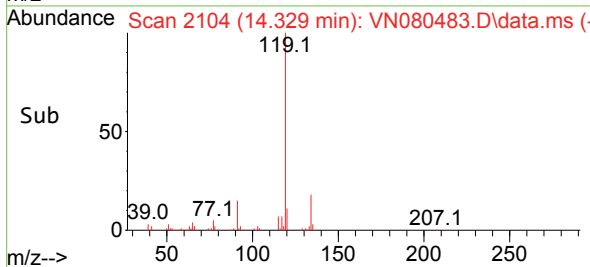
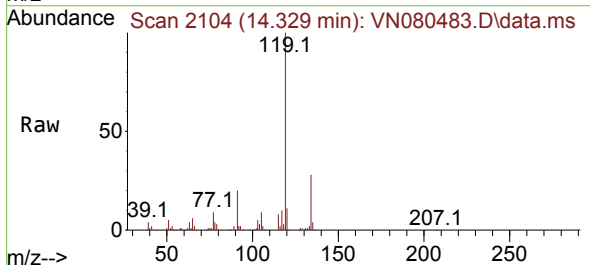


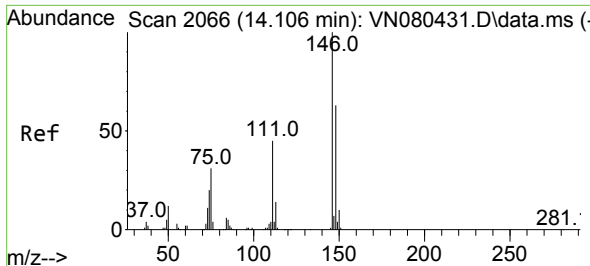
Tgt Ion: 91 Resp: 20919
Ion Ratio Lower Upper
91 100
92 40.8 26.4 79.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 7.399 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion: 117 Resp: 16949
Ion Ratio Lower Upper
117 100
201 0.0 29.3 88.0#

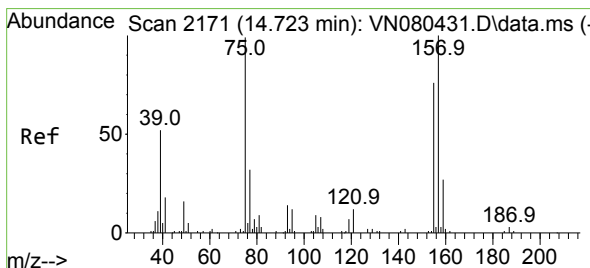
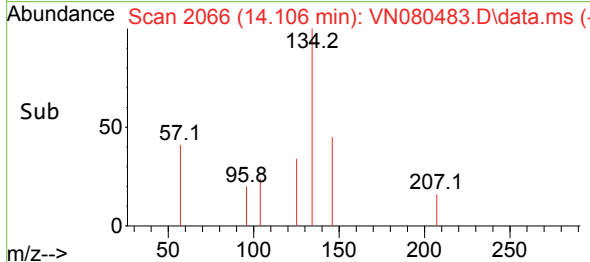
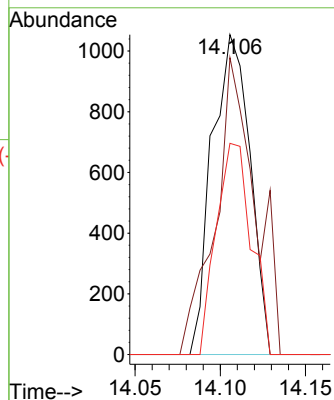
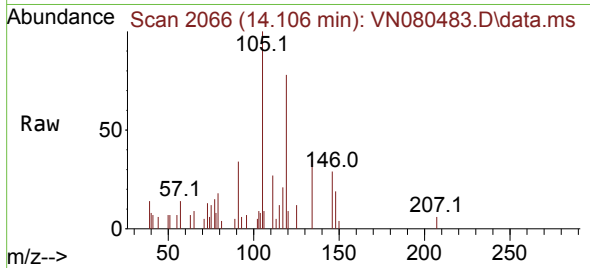




#91
 1,2-Dichlorobenzene
 Concen: 0.224 ug/l
 RT: 14.106 min Scan# 2066
 Delta R.T. 0.000 min
 Lab File: VN080483.D
 Acq: 14 Dec 2023 15:28

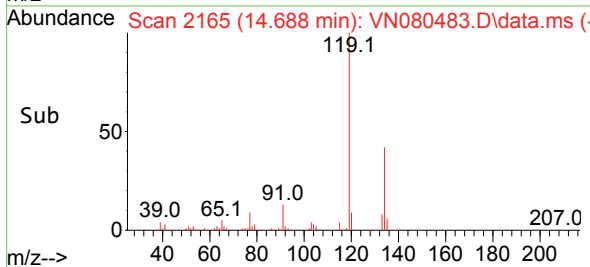
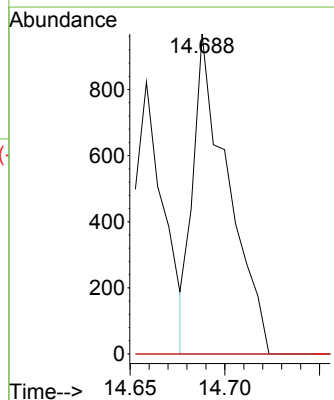
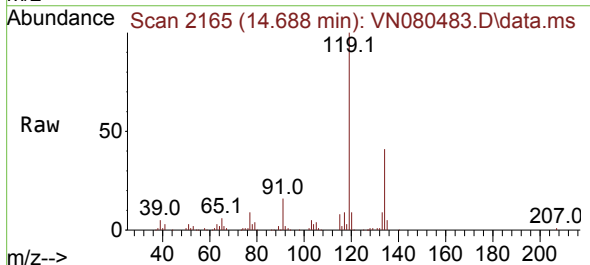
Instrument :
 MSVOA_N
 ClientSampleId :

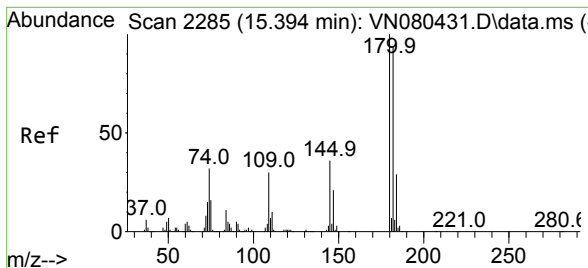
Tgt Ion:146 Resp: 1631
 Ion Ratio Lower Upper
 146 100
 111 96.9 22.0 66.0#
 148 61.5 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.237 ug/l
 RT: 14.688 min Scan# 2165
 Delta R.T. -0.035 min
 Lab File: VN080483.D
 Acq: 14 Dec 2023 15:28

Tgt Ion: 75 Resp: 1234
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.1 117.2#
 157 0.0 50.3 150.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.349 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

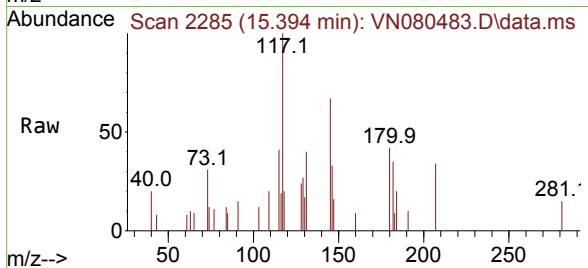
Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

Instrument :

MSVOA_N

ClientSampleId :



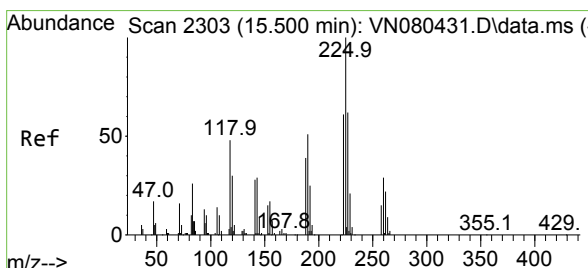
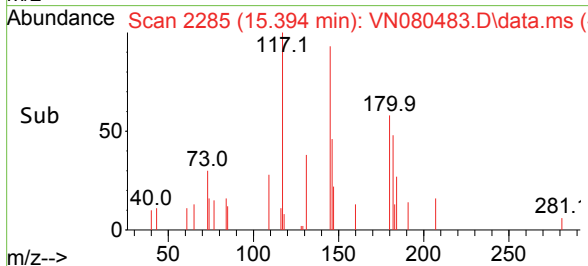
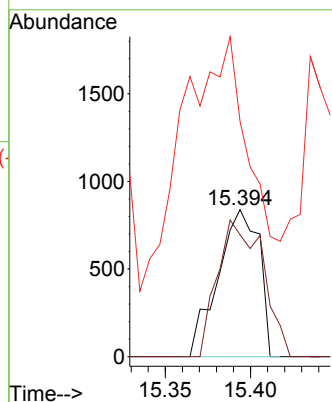
Tgt Ion:180 Resp: 1412

Ion Ratio Lower Upper

180 100

182 102.3 46.1 138.2

145 355.8 16.6 49.8#



#94

Hexachlorobutadiene

Concen: 0.676 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN080483.D

Acq: 14 Dec 2023 15:28

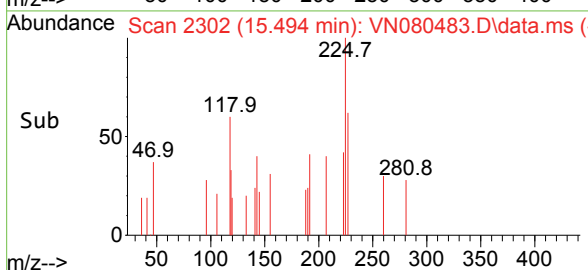
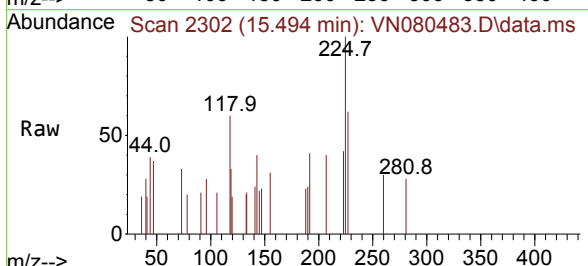
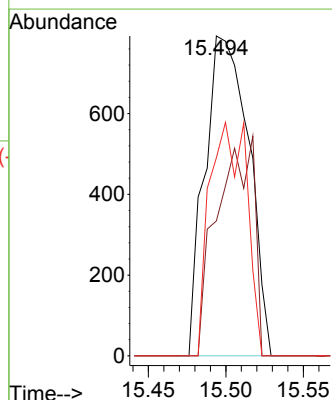
Tgt Ion:225 Resp: 1556

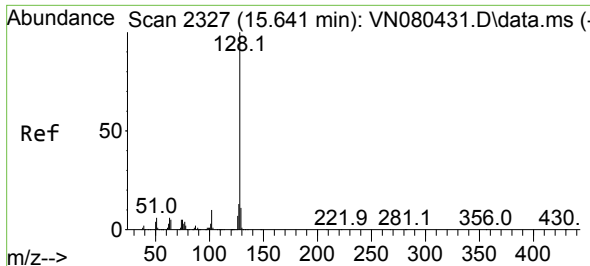
Ion Ratio Lower Upper

225 100

223 0.0 31.3 93.8#

227 61.6 31.9 95.9

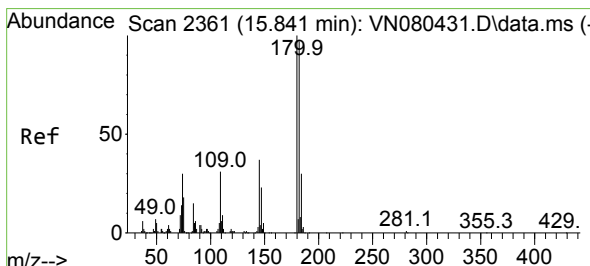
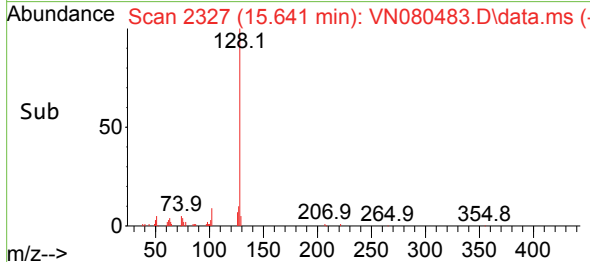
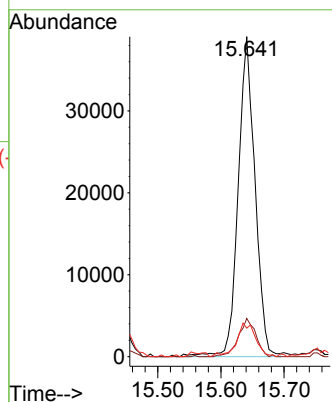
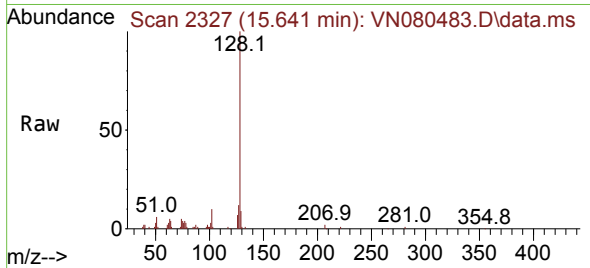




#95
Naphthalene
Concen: 5.891 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 72377
Ion Ratio Lower Upper
128 100
127 12.4 10.0 15.0
129 12.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.384 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN080483.D
Acq: 14 Dec 2023 15:28

Tgt Ion:180 Resp: 1500
Ion Ratio Lower Upper
180 100
182 96.1 46.2 138.6
145 143.9 17.5 52.6#

