

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031125\
 Data File : VN085953.D
 Acq On : 11 Mar 2025 23:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 12 01:35:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	843	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	9.100	114	1691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	1938	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.788	152	1556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	1005	91.955	ug/l	0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	= 183.920%#	
35) Dibromofluoromethane	8.183	113	576	52.056	ug/l	0.02
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.120%	
50) Toluene-d8	10.565	98	1625	40.364	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 80.720%#	
62) 4-Bromofluorobenzene	12.847	95	840	63.329	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 126.660%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	85	7.413	ug/l #	42
3) Chloromethane	2.359	50	583	50.669	ug/l #	84
4) Vinyl Chloride	2.524	62	141	11.574	ug/l #	42
5) Bromomethane	2.977	94	444	56.997	ug/l #	75
6) Chloroethane	3.142	64	54	6.692	ug/l #	41
10) Methyl Iodide	4.618	142	72	5.729	ug/l #	38
13) Acrolein	4.183	56	159	79.764	ug/l #	15
15) Acrylonitrile	5.724	53	85	19.451	ug/l #	44
16) Acetone	4.430	43	401	115.956	ug/l #	40
17) Carbon Disulfide	4.712	76	2282	83.289	ug/l #	80
18) Methyl Acetate	5.024	43	2664	223.968	ug/l #	88
20) Methylene Chloride	5.271	84	730	65.641	ug/l #	37
21) trans-1,2-Dichloroethene	5.771	96	54	5.425	ug/l #	56
23) Vinyl Acetate	6.612	43	476	25.348	ug/l #	69
31) Cyclohexane	8.318	56	56	3.587	ug/l #	13
39) Methylcyclohexane	9.600	83	134	8.710	ug/l #	20
40) Benzene	8.600	78	444	8.846	ug/l #	53
43) Isopropyl Acetate	8.682	43	7623	340.217	ug/l #	53
44) Trichloroethene	9.353	130	115	9.332	ug/l	1
51) 4-Methyl-2-Pentanone	10.447	43	469	37.746	ug/l #	50
52) Toluene	10.612	92	62	2.107	ug/l #	1
53) t-1,3-Dichloropropene	10.841	75	170	10.055	ug/l #	43
59) 2-Hexanone	11.200	43	581	67.971	ug/l	82
64) Tetrachloroethene	11.100	164	58	3.863	ug/l #	41
65) Chlorobenzene	11.900	112	659	14.843	ug/l	93
67) Ethyl Benzene	11.959	91	685	9.850	ug/l #	44
68) m/p-Xylenes	12.070	106	349	13.211	ug/l #	48
70) Styrene	12.418	104	273	6.875	ug/l #	58
73) Isopropylbenzene	12.694	105	335	3.143	ug/l #	49
74) N-amyl acetate	12.500	43	117	3.112	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.929	83	290	7.906	ug/l #	25
76) 1,2,3-Trichloropropane	12.994	75	161	4.658	ug/l #	16
77) Bromobenzene	12.988	156	56	1.944	ug/l #	1
78) n-propylbenzene	13.023	91	827	6.774	ug/l #	69
79) 2-Chlorotoluene	13.117	91	351	4.303	ug/l #	69
80) 1,3,5-Trimethylbenzene	13.176	105	323	3.720	ug/l #	54

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

81) trans-1,4-Dichloro-2-b...	12.841	75	275	23.214	ug/l #	12
82) 4-Chlorotoluene	13.229	91	647	8.001	ug/l #	60
83) tert-Butylbenzene	13.435	119	415	5.683	ug/l #	72
84) 1,2,4-Trimethylbenzene	13.476	105	323	3.760	ug/l #	60
85) sec-Butylbenzene	13.612	105	569	5.515	ug/l #	57
86) p-Isopropyltoluene	13.729	119	591	7.248	ug/l #	50
87) 1,3-Dichlorobenzene	13.735	146	543	10.063	ug/l	86
88) 1,4-Dichlorobenzene	13.735	146	543	9.819	ug/l	88
89) n-Butylbenzene	14.053	91	722	9.856	ug/l #	76
91) 1,2-Dichlorobenzene	14.112	146	876	16.883	ug/l	73
93) 1,2,4-Trichlorobenzene	15.388	180	1120	45.299	ug/l	90
94) Hexachlorobutadiene	15.500	225	122	8.119	ug/l #	18
95) Naphthalene	15.641	128	9960	146.731	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	1427	57.490	ug/l	88

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

Instrument :

MSVOA N

ClientSampleId :

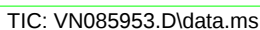
Quant Time: Mar 12 01:35:49 2025

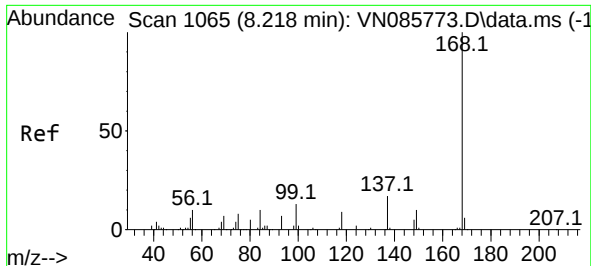
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M

Quant Title : SW846 8260

QLast Update : Wed Feb 19 03:43:32 2025

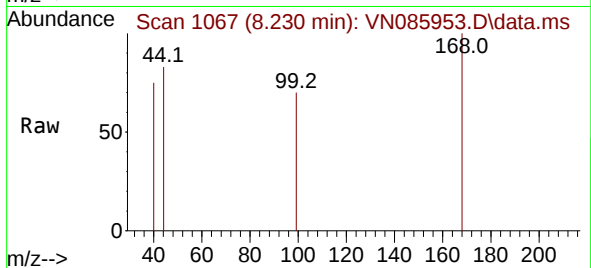
Response via : Initial Calibration



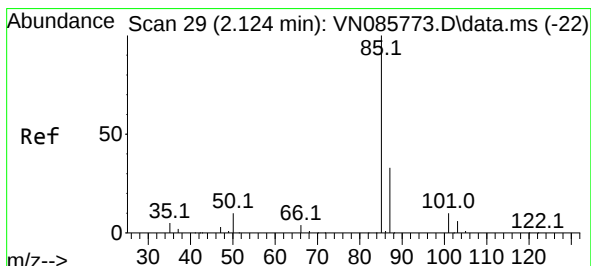
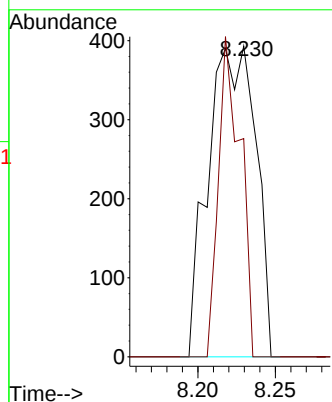
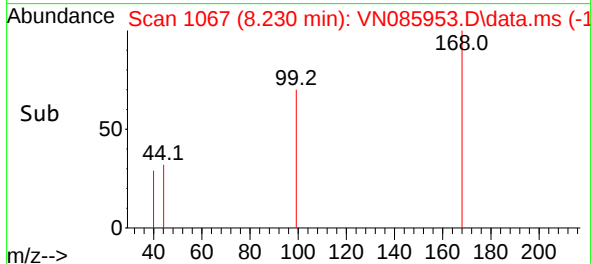


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

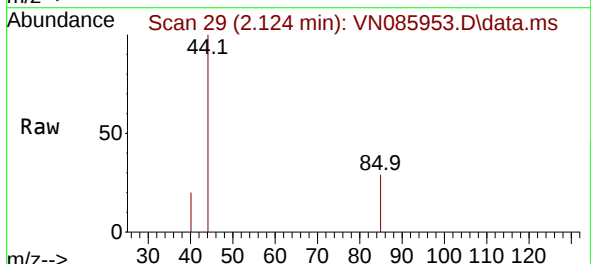
Instrument :
MSVOA_N
ClientSampleId :



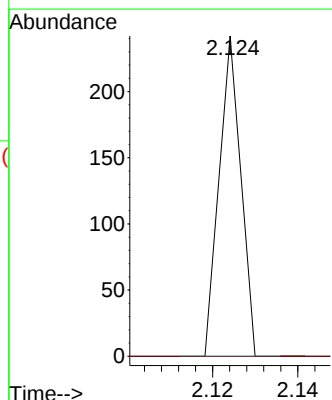
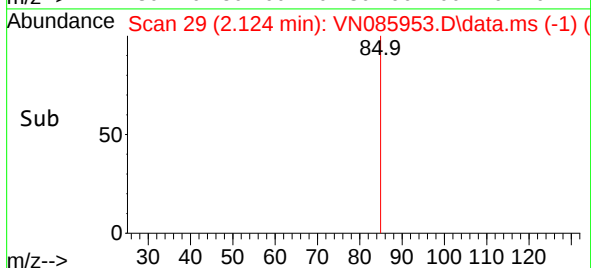
Tgt Ion:168 Resp: 843
Ion Ratio Lower Upper
168 100
99 70.2 47.9 71.9

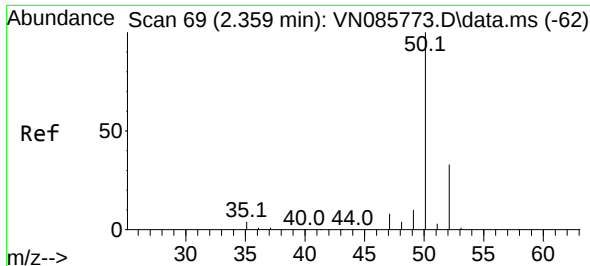


#2
Dichlorodifluoromethane
Concen: 7.413 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53



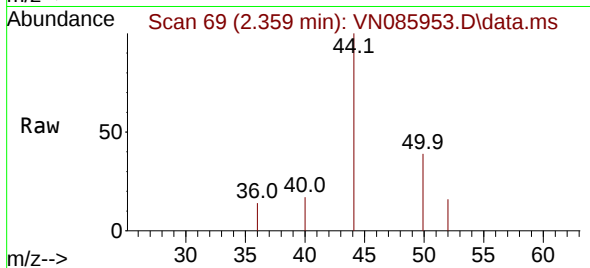
Tgt Ion: 85 Resp: 85
Ion Ratio Lower Upper
85 100
87 0.0 16.4 49.2#



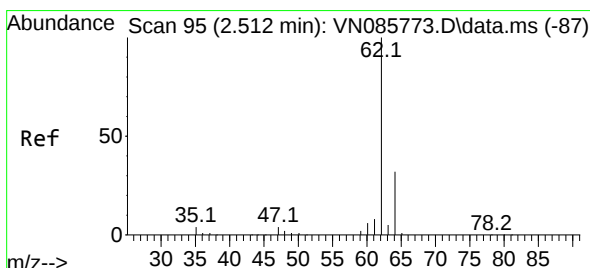
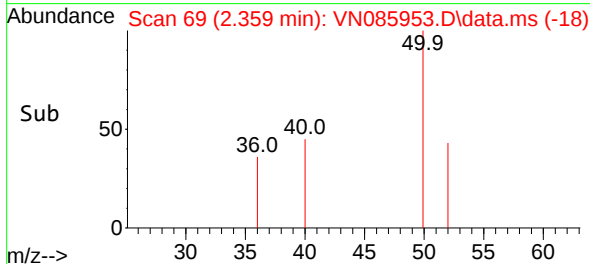
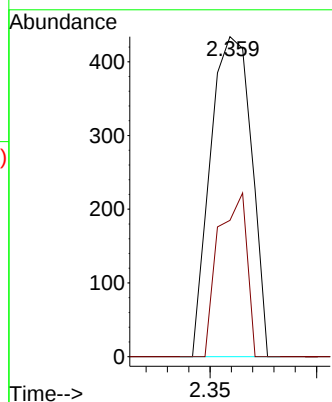


#3
Chloromethane
Concen: 50.669 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

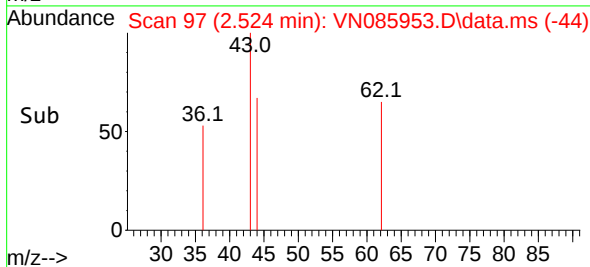
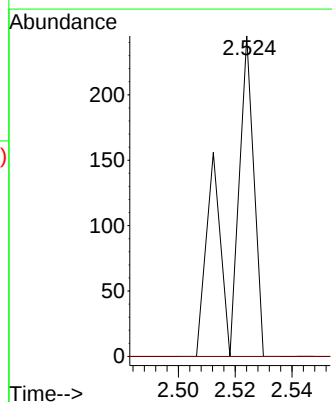
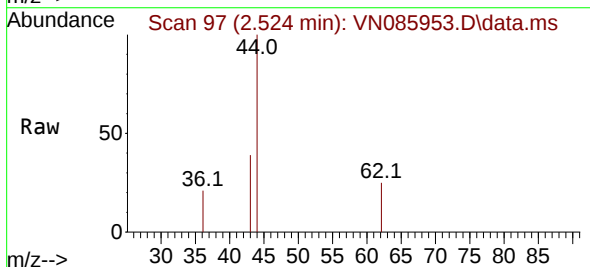


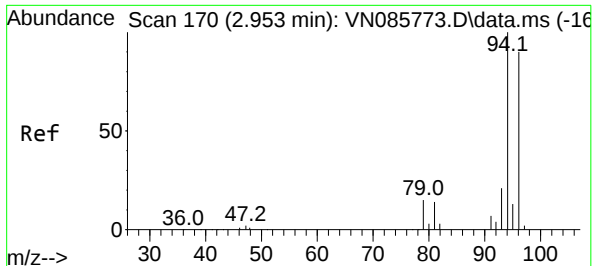
Tgt Ion: 50 Resp: 583
Ion Ratio Lower Upper
50 100
52 42.6 26.7 40.1#



#4
Vinyl Chloride
Concen: 11.574 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion: 62 Resp: 141
Ion Ratio Lower Upper
62 100
64 0.0 25.9 38.9#

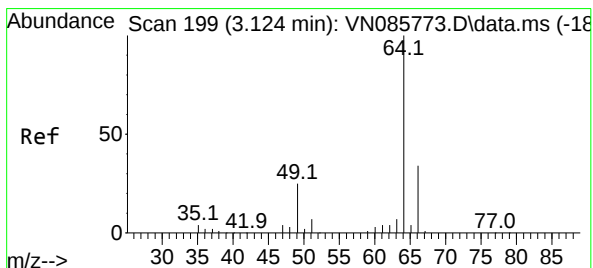
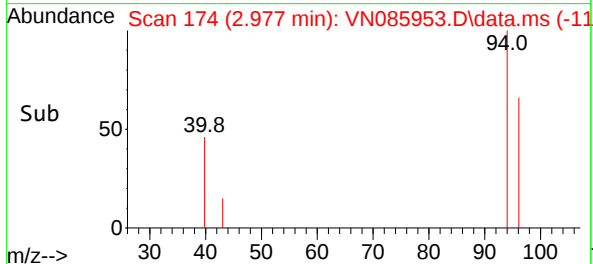
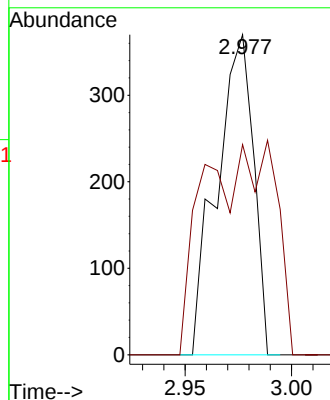
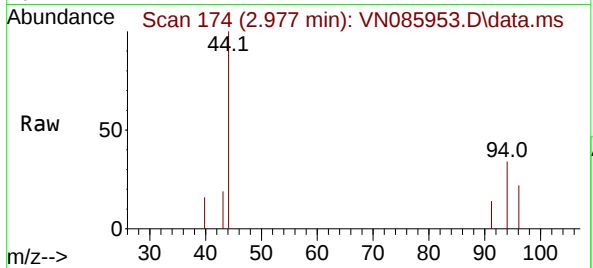




#5
Bromomethane
Concen: 56.997 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

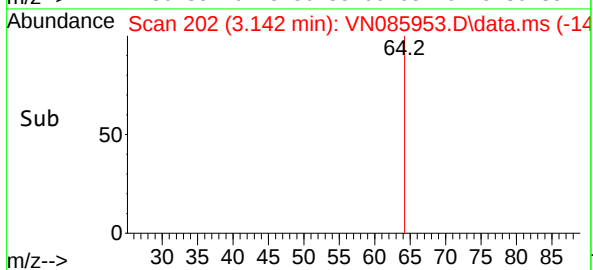
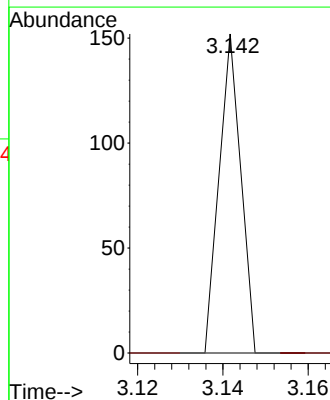
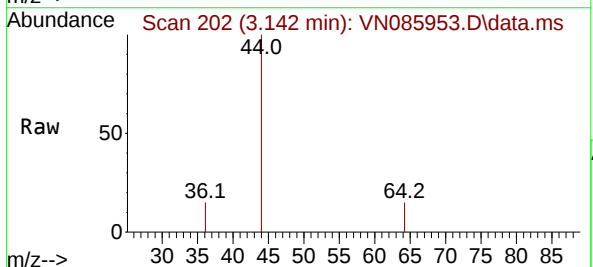
Instrument :
MSVOA_N
ClientSampleId :

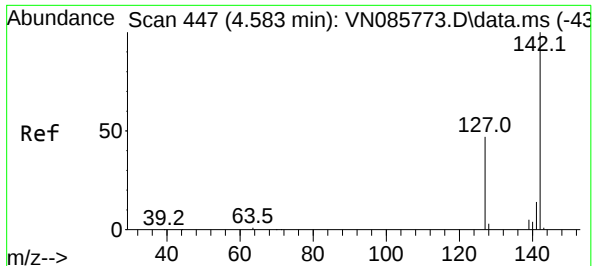
Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 65.7 71.7 107.5#



#6
Chloroethane
Concen: 6.692 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.018 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

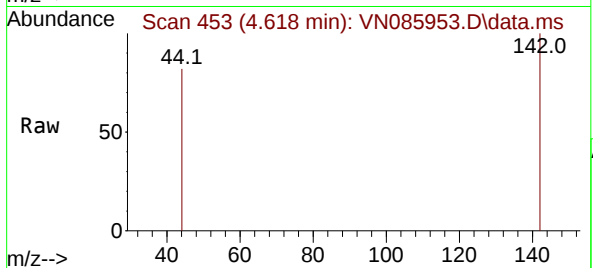
Tgt Ion: 64 Resp: 54
Ion Ratio Lower Upper
64 100
66 0.0 27.0 40.6#



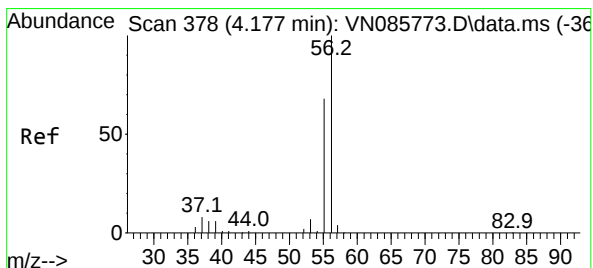
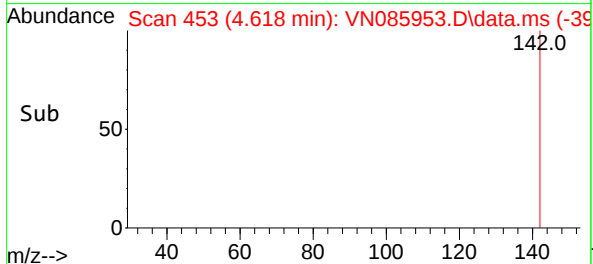
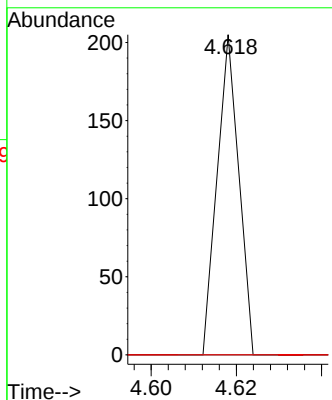


#10
Methyl Iodide
Concen: 5.729 ug/l
RT: 4.618 min Scan# 410
Delta R.T. 0.035 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

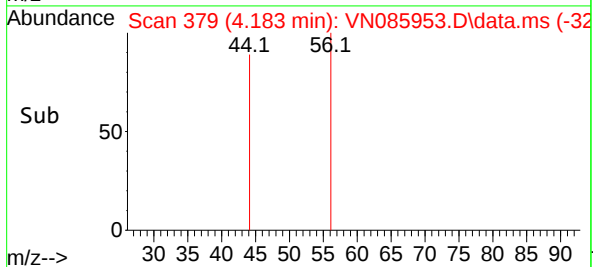
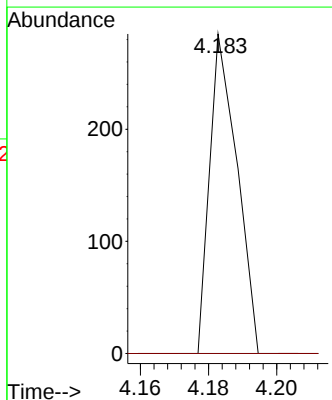
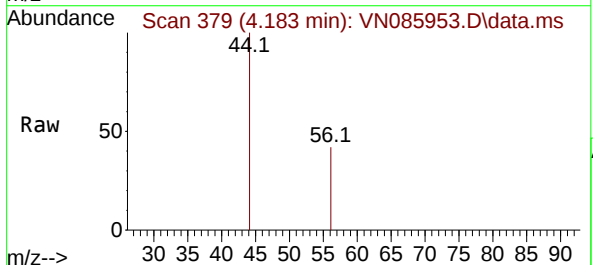


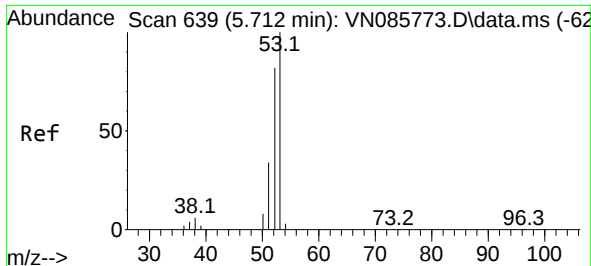
Tgt Ion:142 Resp: 72
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.4 17.2#



#13
Acrolein
Concen: 79.764 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

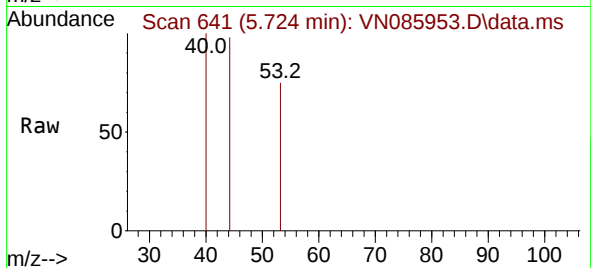
Tgt Ion: 56 Resp: 159
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#





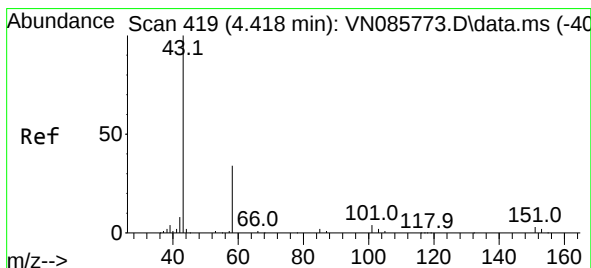
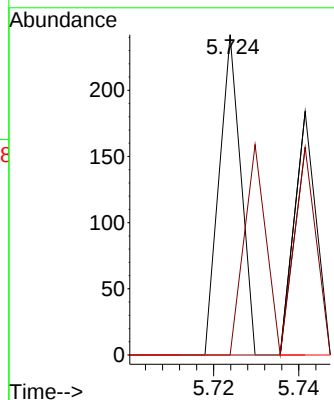
#15
Acrylonitrile
Concen: 19.451 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 53 Resp: 85

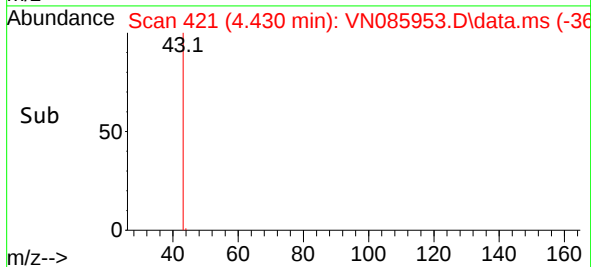
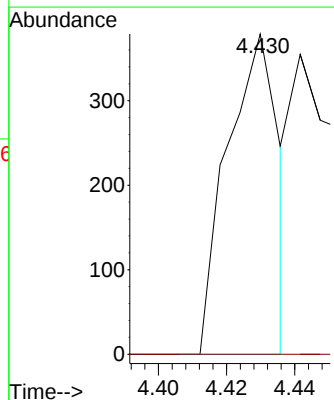
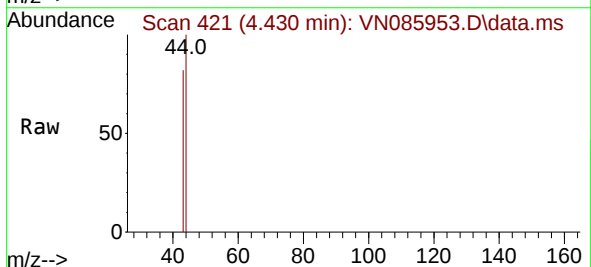
Ion	Ratio	Lower	Upper
53	100		
52	130.6	65.8	98.6#
51	0.0	28.6	42.8#

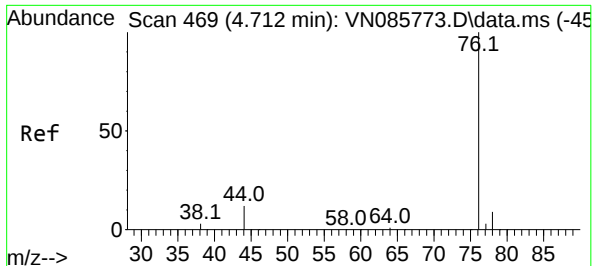


#16
Acetone
Concen: 115.956 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion: 43 Resp: 401

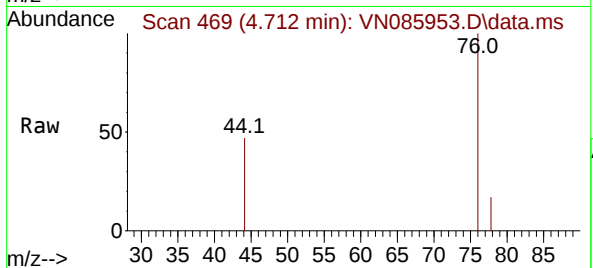
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.5	41.3#



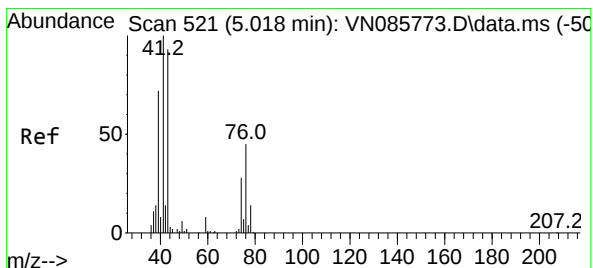
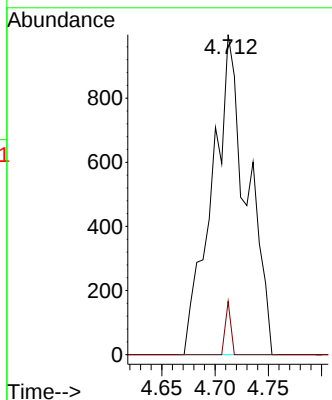
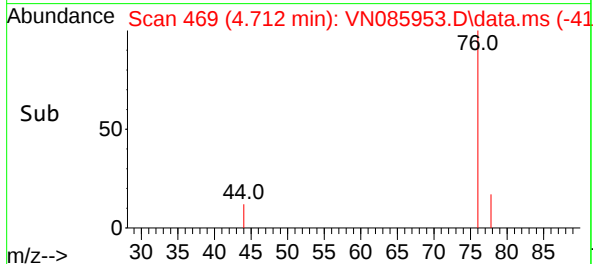


#17
Carbon Disulfide
Concen: 83.289 ug/l
RT: 4.712 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

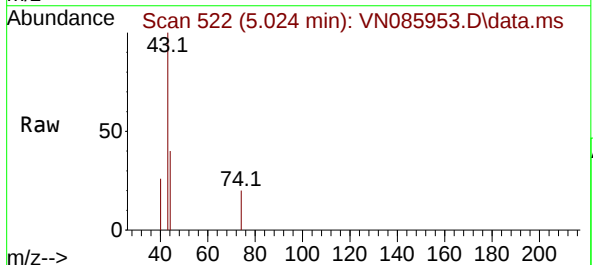
Instrument :
MSVOA_N
ClientSampleId :



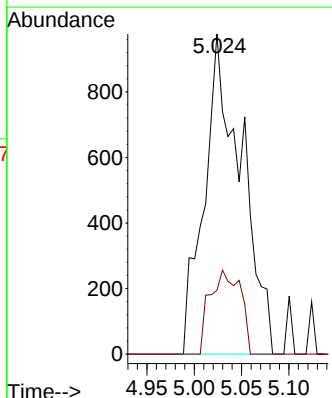
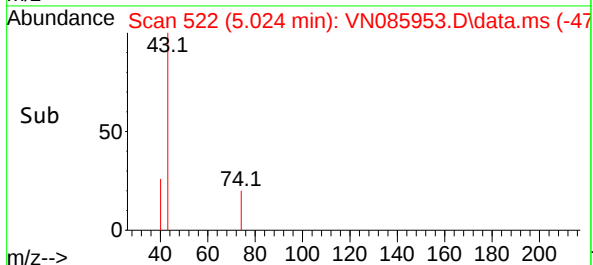
Tgt Ion: 76 Resp: 2282
Ion Ratio Lower Upper
76 100
78 16.6 7.4 11.0#

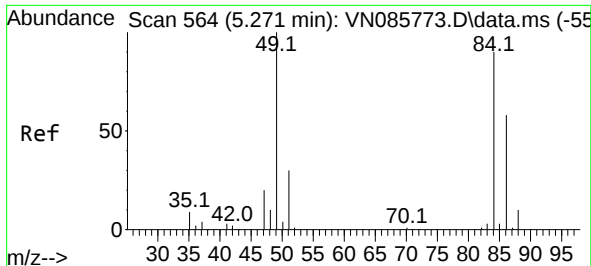


#18
Methyl Acetate
Concen: 223.968 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53



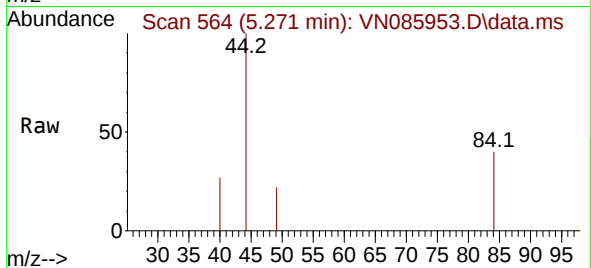
Tgt Ion: 43 Resp: 2664
Ion Ratio Lower Upper
43 100
74 21.4 22.2 33.4#



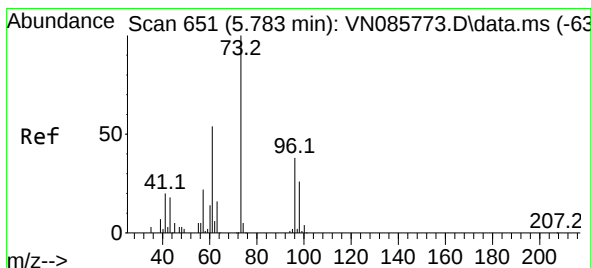
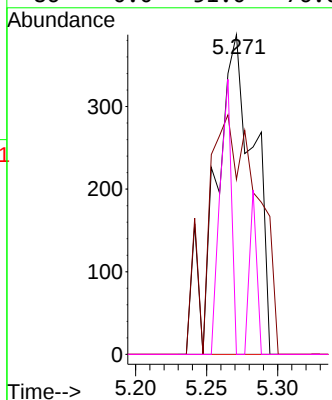
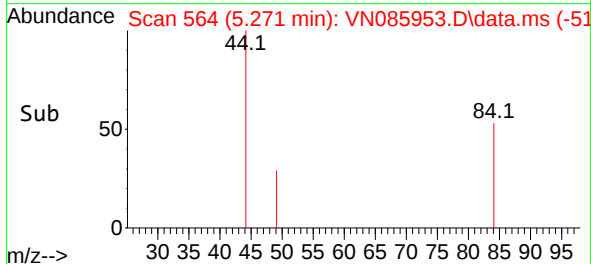


#20
Methylene Chloride
Concen: 65.641 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

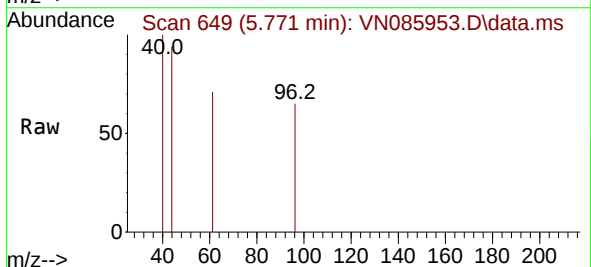
Instrument :
MSVOA_N
ClientSampleId :



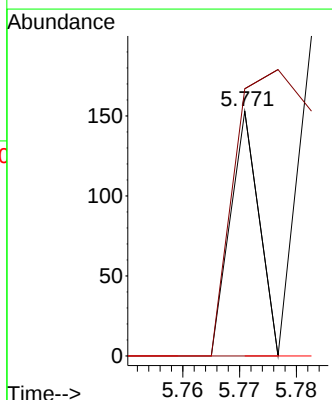
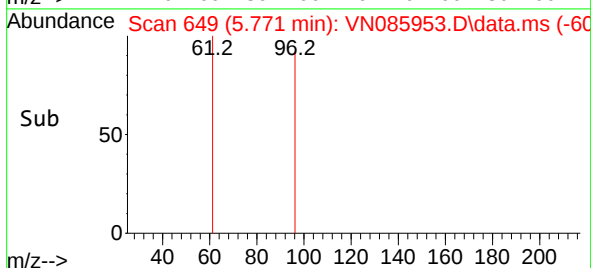
Tgt Ion:	84	Resp:	730
Ion	Ratio	Lower	Upper
84	100		
49	54.8	88.4	132.6#
51	0.0	26.6	40.0#
86	0.0	51.0	76.6#

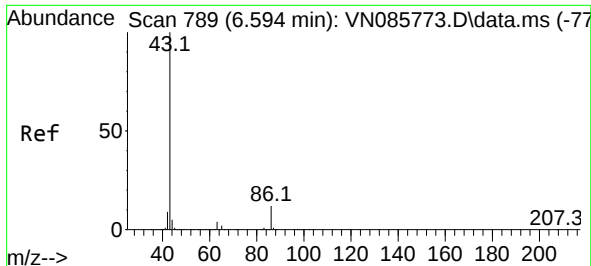


#21
trans-1,2-Dichloroethene
Concen: 5.425 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53



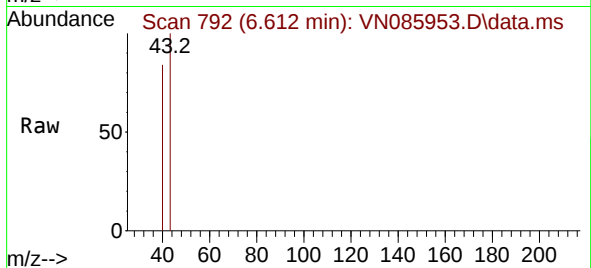
Tgt Ion:	96	Resp:	54
Ion	Ratio	Lower	Upper
96	100		
61	109.2	112.6	168.8#
98	0.0	53.3	79.9#



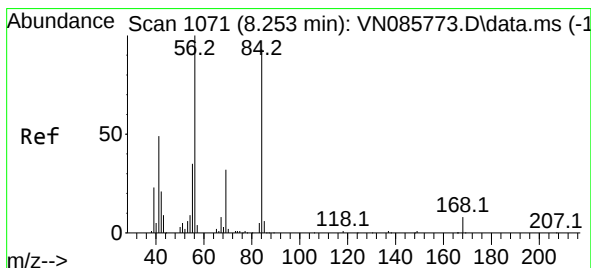
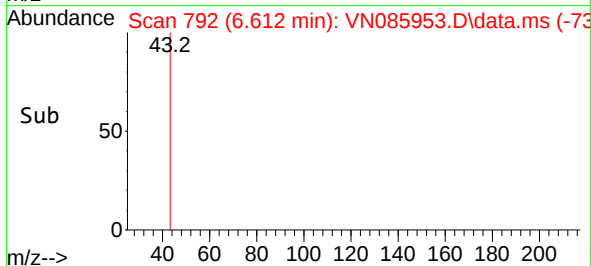
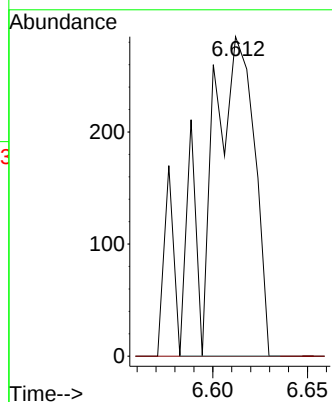


#23
 Vinyl Acetate
 Concen: 25.348 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.018 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

Instrument :
 MSVOA_N
 ClientSampleId :

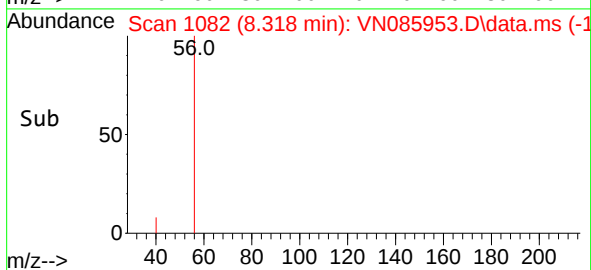
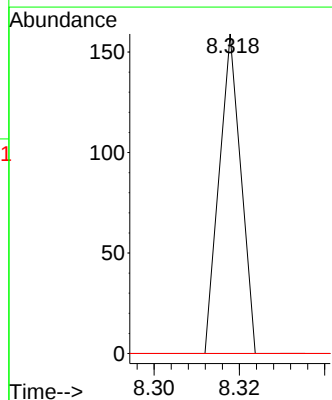
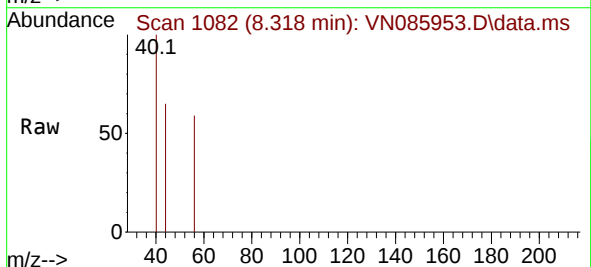


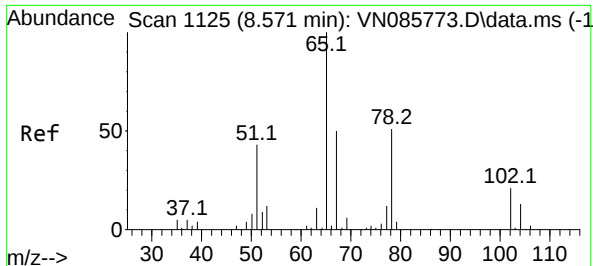
Tgt Ion: 43 Resp: 476
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.8 14.8#



#31
 Cyclohexane
 Concen: 3.587 ug/l
 RT: 8.318 min Scan# 1082
 Delta R.T. 0.065 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

Tgt Ion: 56 Resp: 56
 Ion Ratio Lower Upper
 56 100
 69 0.0 25.8 38.6#
 84 0.0 74.5 111.7#





#33

1,2-Dichloroethane-d4

Concen: 91.955 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.018 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

Instrument :

MSVOA_N

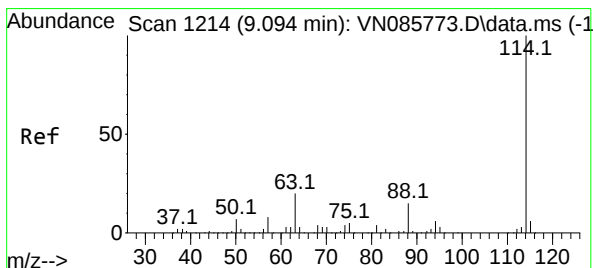
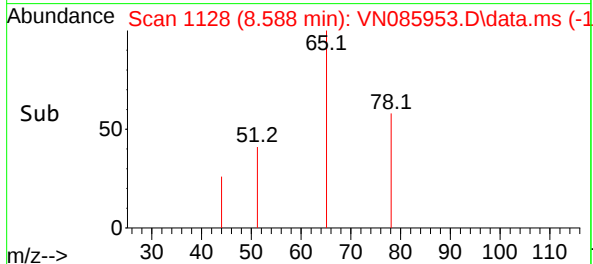
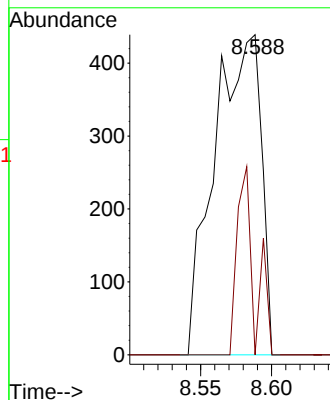
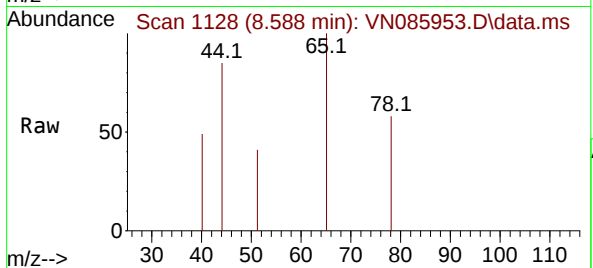
ClientSampleId :

Tgt Ion: 65 Resp: 1005

Ion Ratio Lower Upper

65 100

67 21.8 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

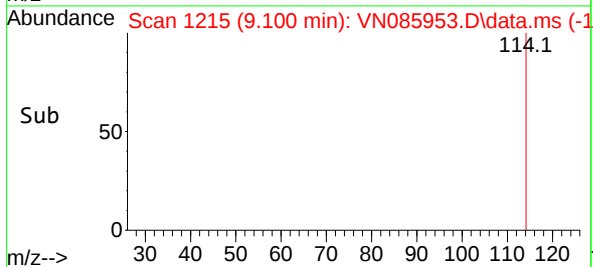
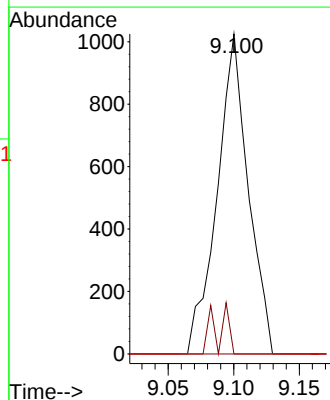
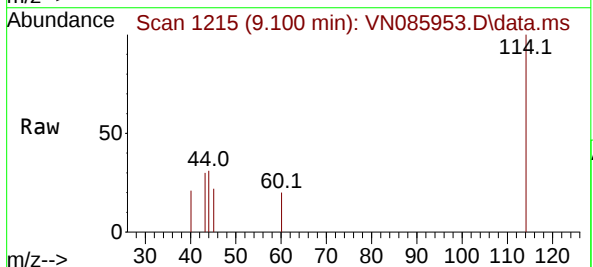
Tgt Ion: 114 Resp: 1691

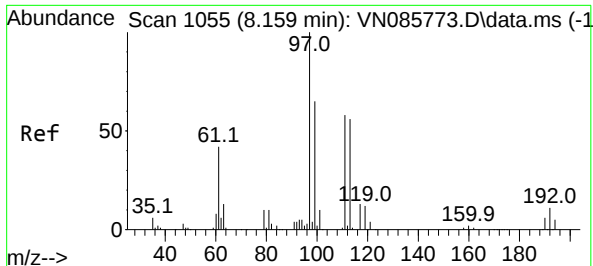
Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.2

88 0.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 52.056 ug/l

RT: 8.183 min Scan# 1059

Delta R.T. 0.024 min

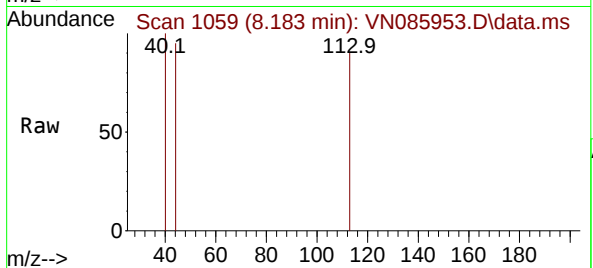
Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

Instrument :

MSVOA_N

ClientSampleId :



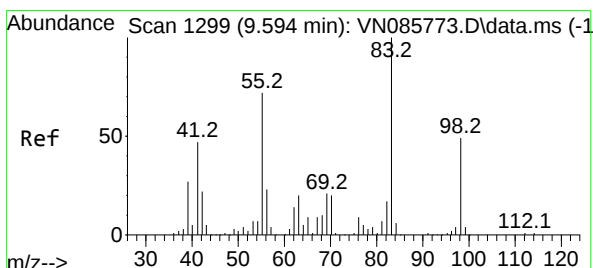
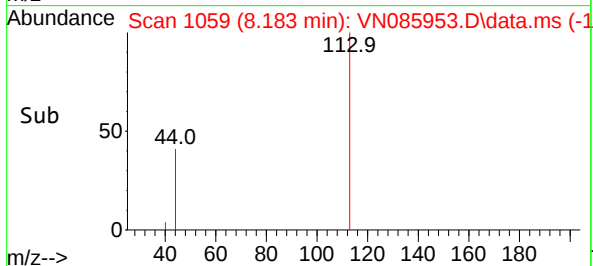
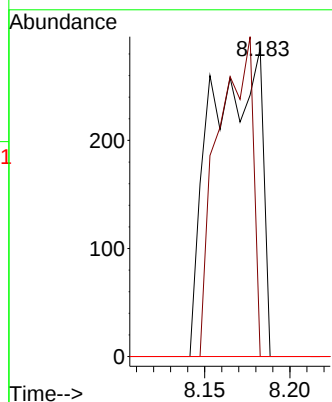
Tgt Ion:113 Resp: 576

Ion Ratio Lower Upper

113 100

111 72.9 82.2 123.4#

192 0.0 14.7 22.1#



#39

Methylcyclohexane

Concen: 8.710 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.006 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

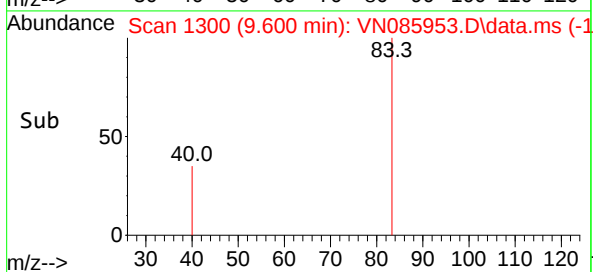
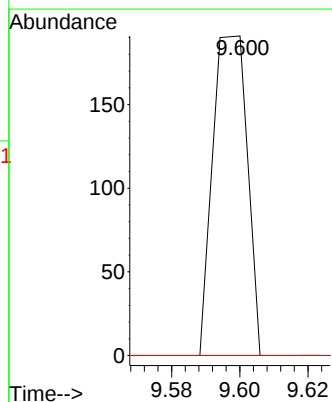
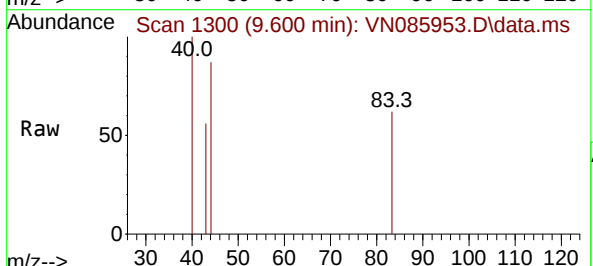
Tgt Ion: 83 Resp: 134

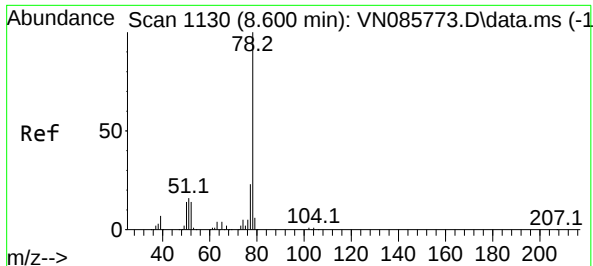
Ion Ratio Lower Upper

83 100

55 0.0 57.5 86.3#

98 0.0 39.2 58.8#

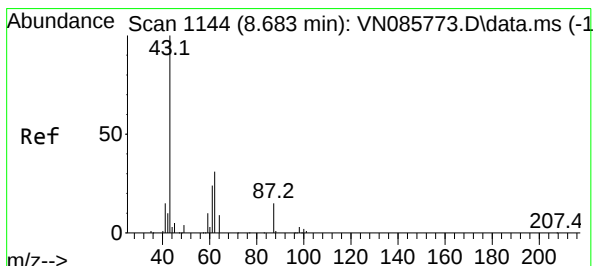
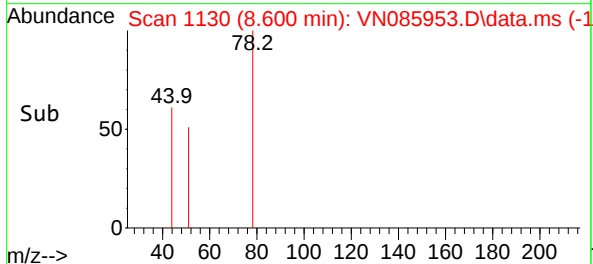
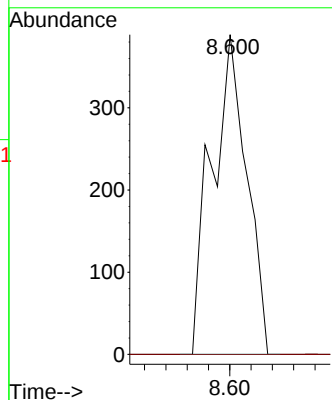
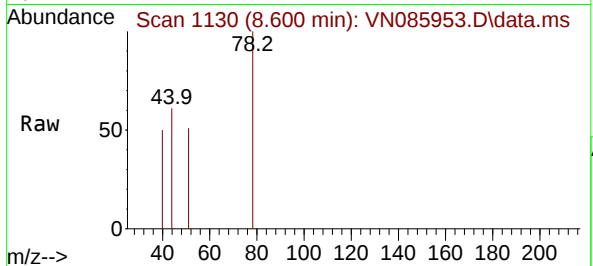




#40
Benzene
Concen: 8.846 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

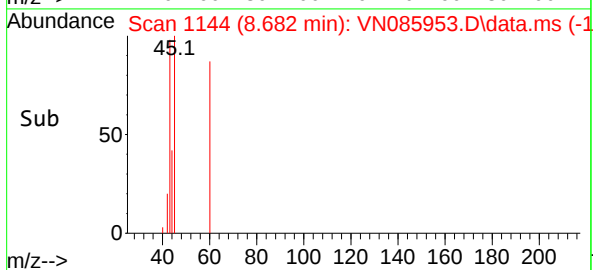
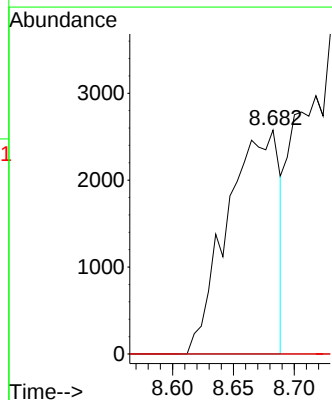
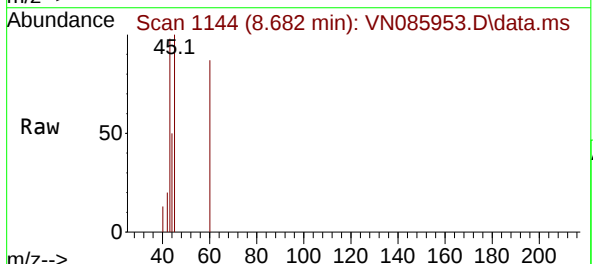
Instrument :
MSVOA_N
ClientSampleId :

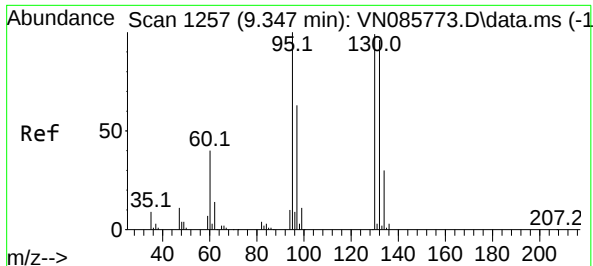
Tgt Ion: 78 Resp: 444
Ion Ratio Lower Upper
78 100
77 0.0 18.3 27.5#



#43
Isopropyl Acetate
Concen: 340.217 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

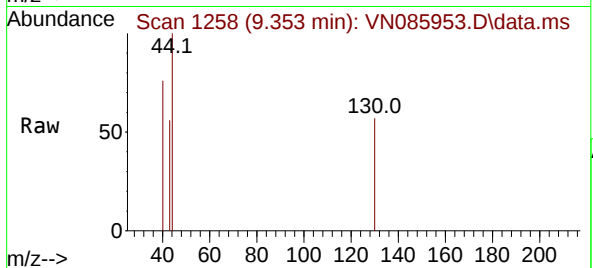
Tgt Ion: 43 Resp: 7623
Ion Ratio Lower Upper
43 100
61 0.0 22.6 34.0#
87 0.0 11.8 17.8#



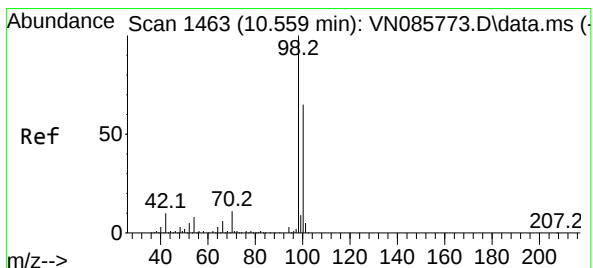
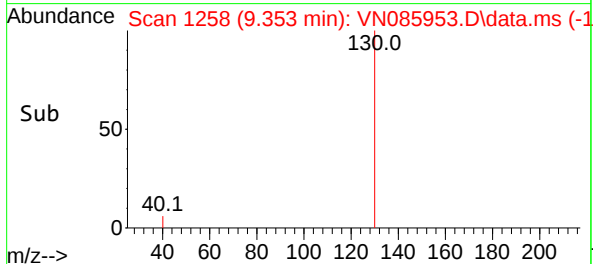
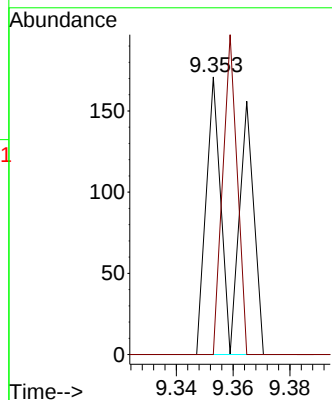


#44
 Trichloroethene
 Concen: 9.332 ug/l
 RT: 9.353 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

Instrument :
 MSVOA_N
 ClientSampleId :

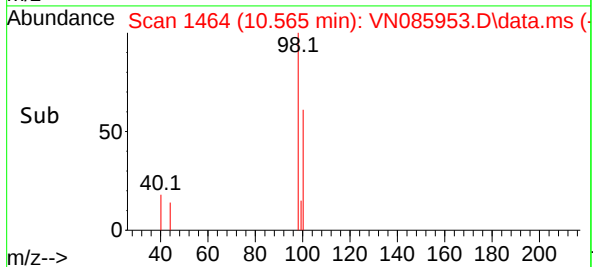
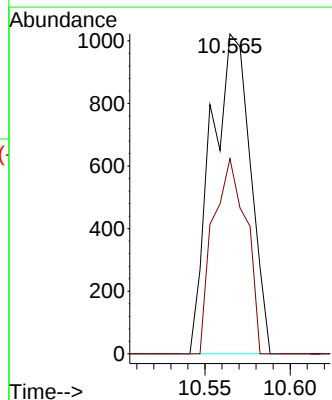
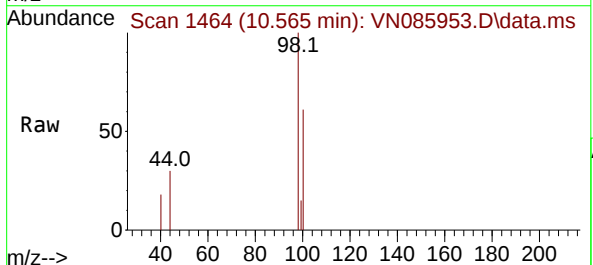


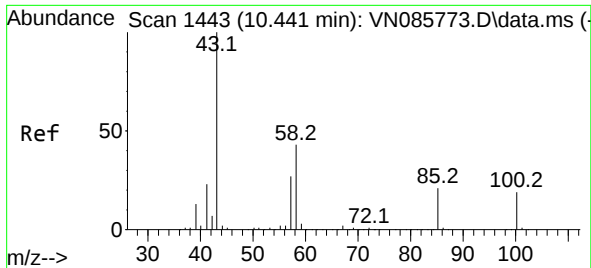
Tgt Ion:130 Resp: 115
 Ion Ratio Lower Upper
 130 100
 95 0.0 0.0 202.6



#50
 Toluene-d8
 Concen: 40.364 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. 0.006 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

Tgt Ion: 98 Resp: 1625
 Ion Ratio Lower Upper
 98 100
 100 51.9 52.1 78.1#

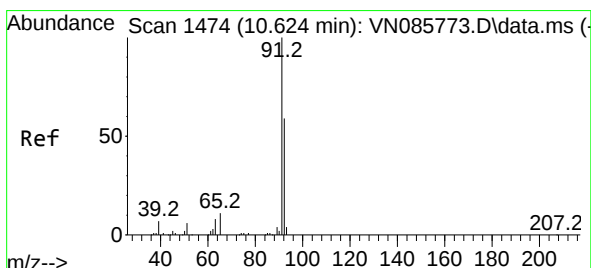
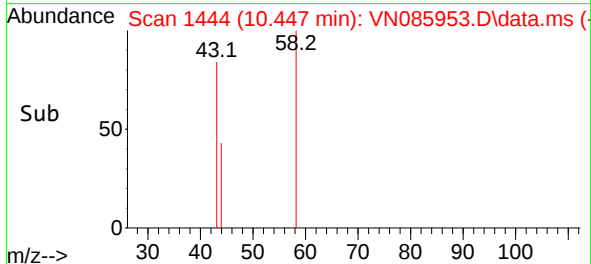
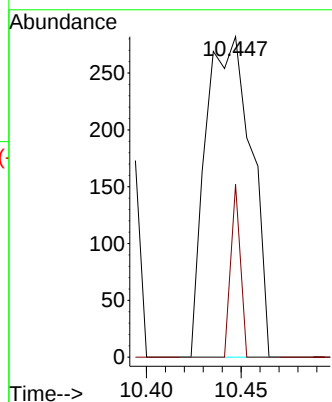
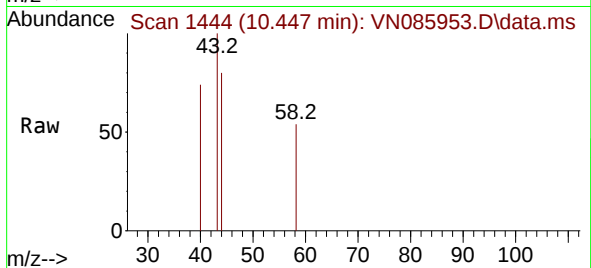




#51
4-Methyl-2-Pentanone
Concen: 37.746 ug/l
RT: 10.447 min Scan# 1443
Delta R.T. 0.006 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

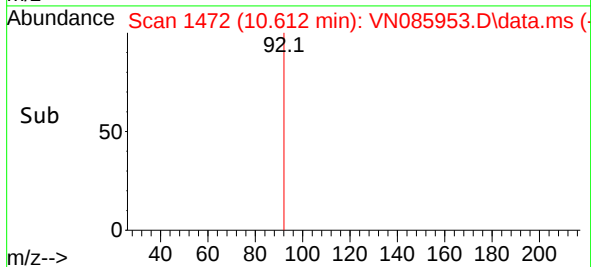
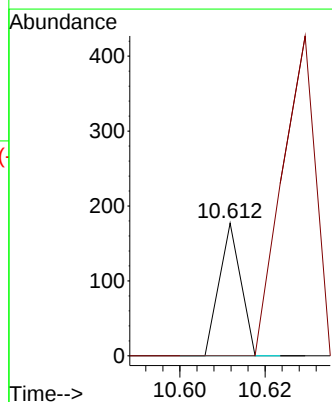
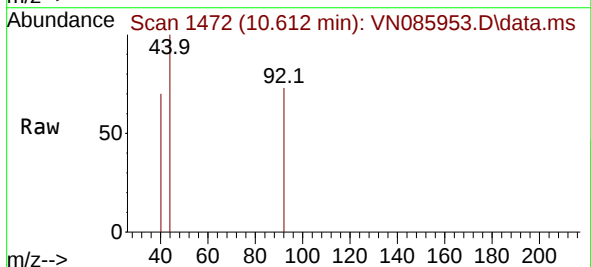
Instrument :
MSVOA_N
ClientSampleId :

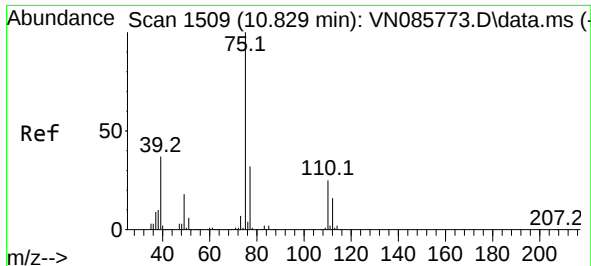
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
58 11.5 34.6 52.0#



#52
Toluene
Concen: 2.107 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

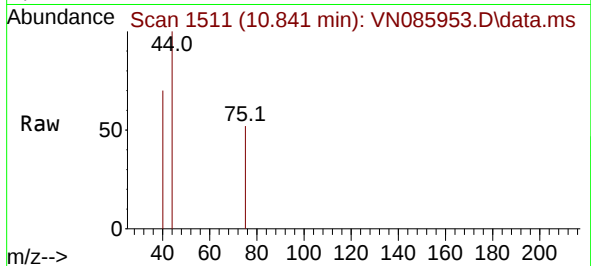
Tgt Ion: 92 Resp: 62
Ion Ratio Lower Upper
92 100
91 587.1 136.9 205.3#



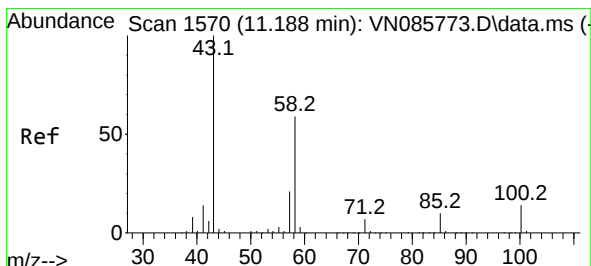
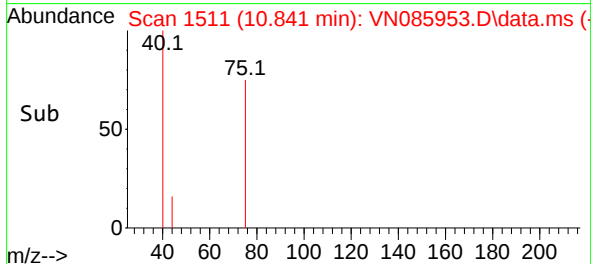
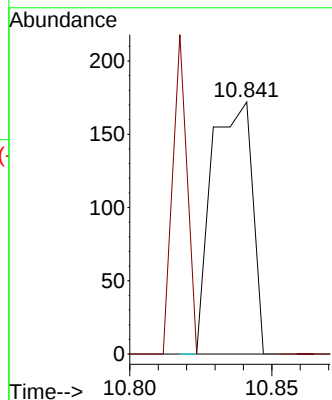


#53
t-1,3-Dichloropropene
Concen: 10.055 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

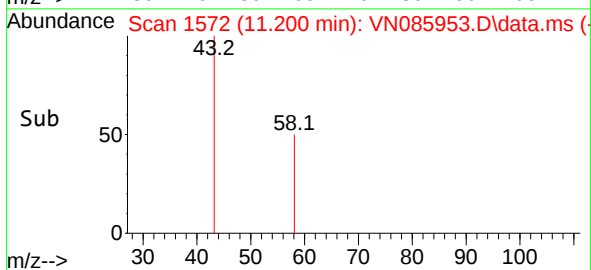
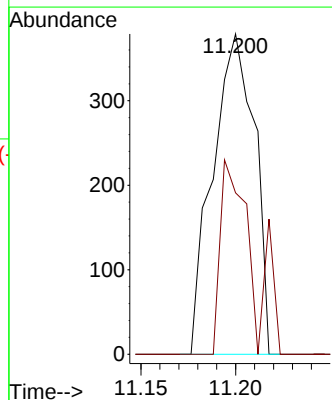
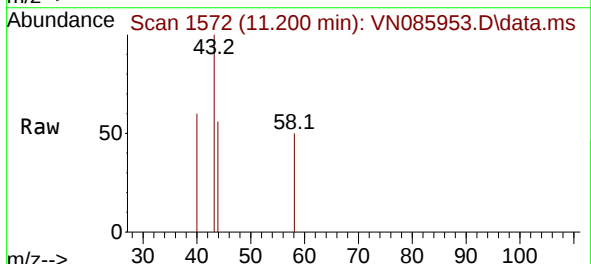


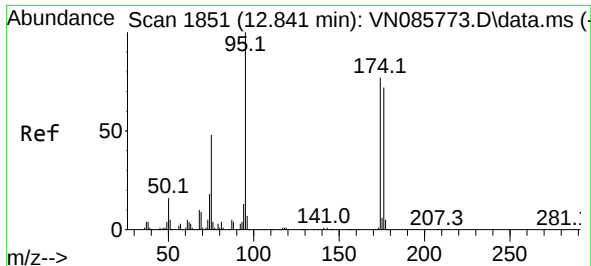
Tgt Ion: 75 Resp: 170
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#



#59
2-Hexanone
Concen: 67.971 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion: 43 Resp: 581
Ion Ratio Lower Upper
43 100
58 46.1 29.8 89.5

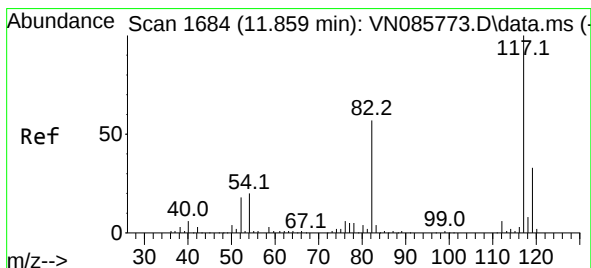
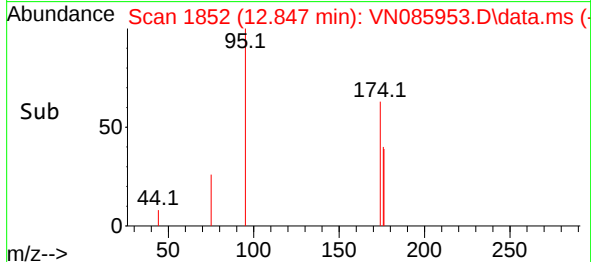
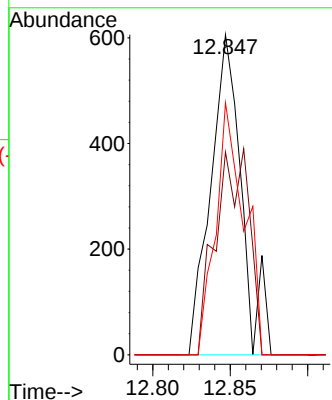
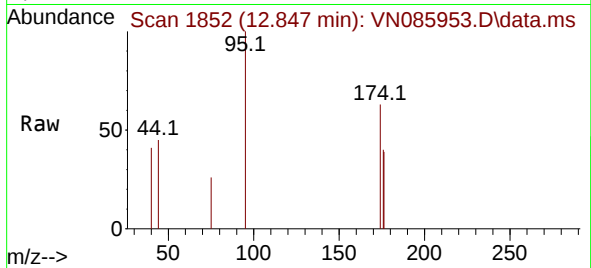




#62
4-Bromofluorobenzene
Concen: 63.329 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

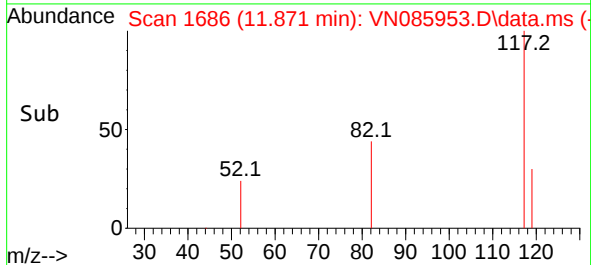
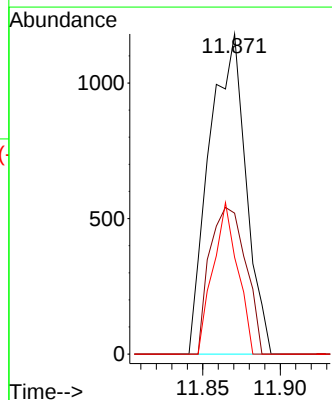
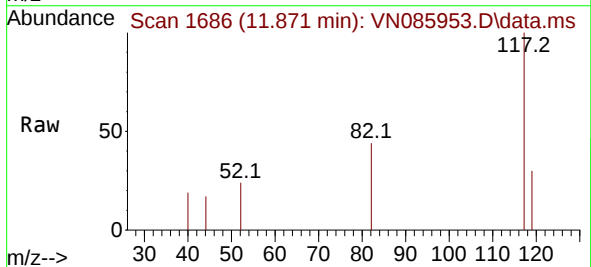
Instrument :
MSVOA_N
ClientSampleId :

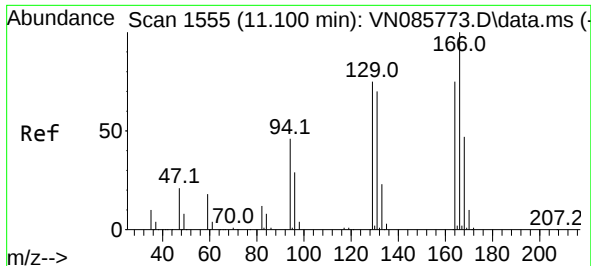
Tgt Ion: 95 Resp: 840
Ion Ratio Lower Upper
95 100
174 69.9 0.0 152.4
176 72.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

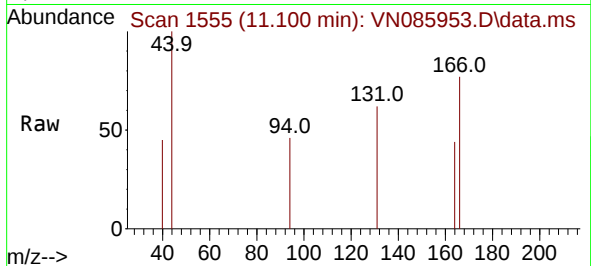
Tgt Ion: 117 Resp: 1938
Ion Ratio Lower Upper
117 100
82 44.0 45.7 68.5#
119 30.2 26.2 39.2



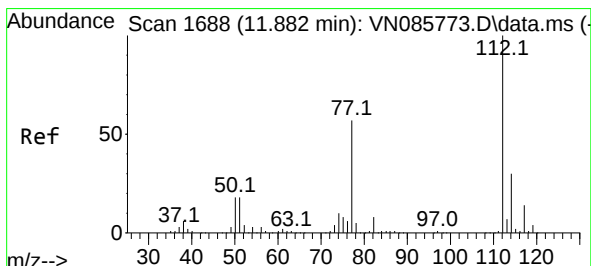
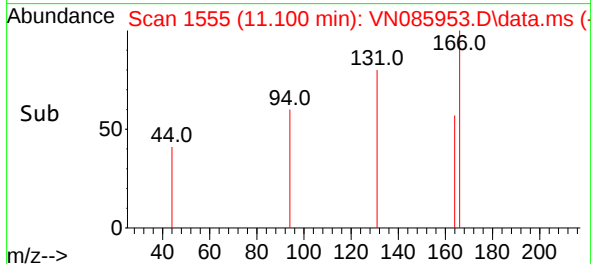
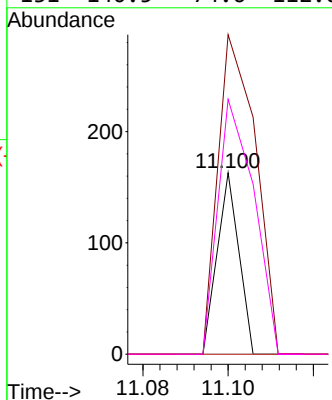


#64
Tetrachloroethene
Concen: 3.863 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

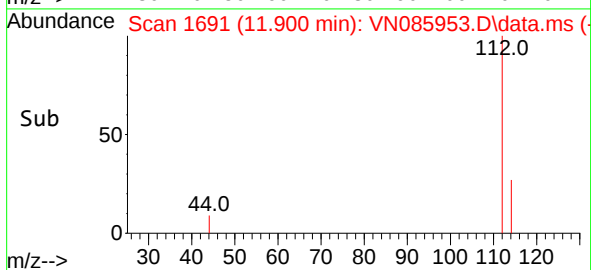
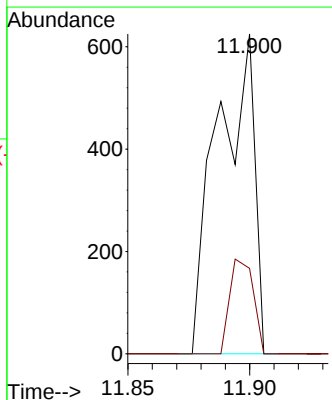
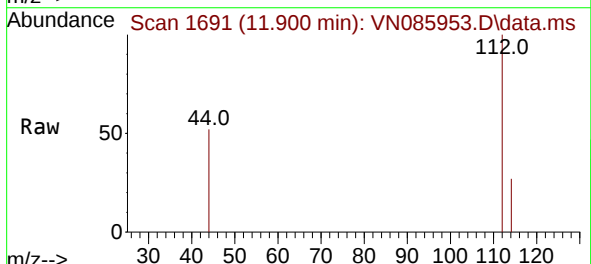


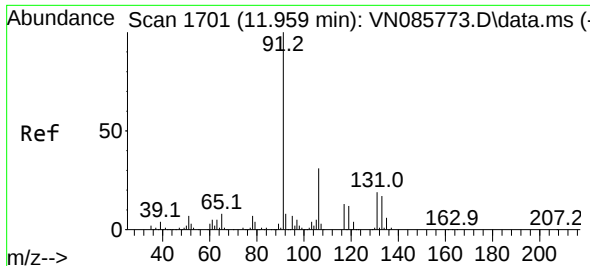
Tgt Ion:164 Resp: 58
Ion Ratio Lower Upper
164 100
166 176.1 107.2 160.8#
129 0.0 80.7 121.1#
131 140.5 74.6 112.0#



#65
Chlorobenzene
Concen: 14.843 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. 0.018 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion:112 Resp: 659
Ion Ratio Lower Upper
112 100
114 26.7 24.3 36.5

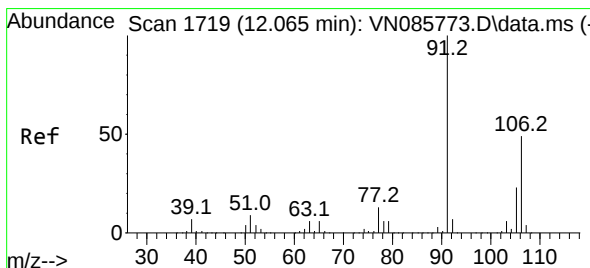
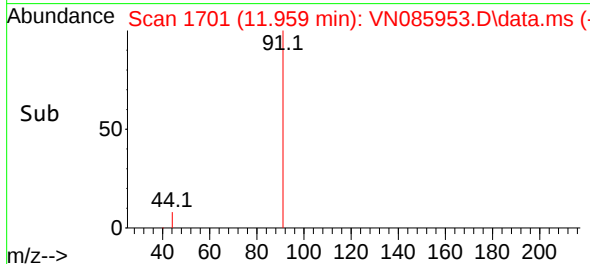
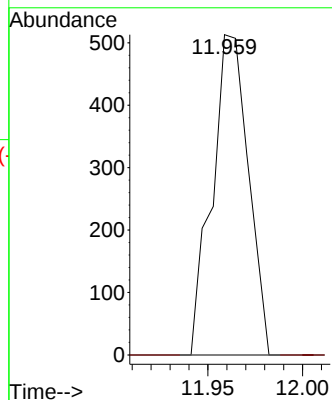
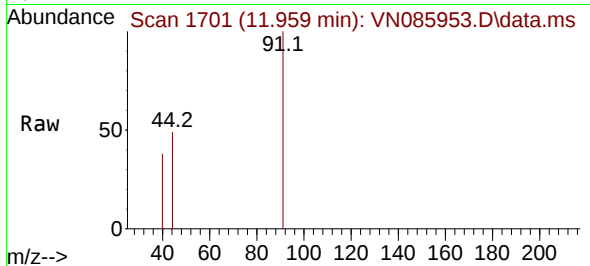




#67
Ethyl Benzene
Concen: 9.850 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

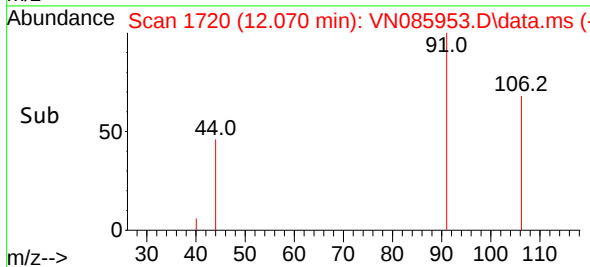
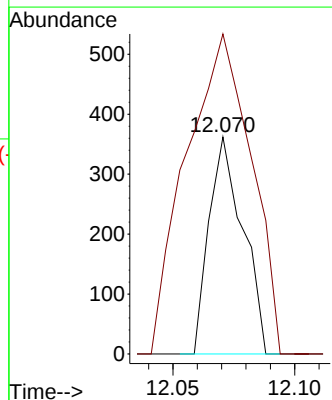
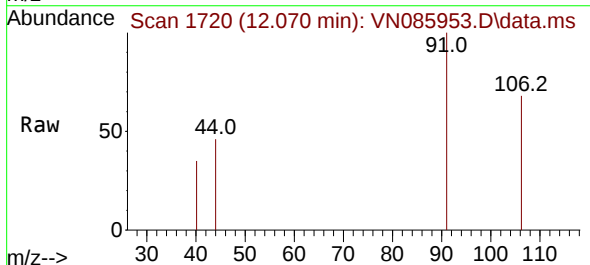
Instrument :
MSVOA_N
ClientSampleId :

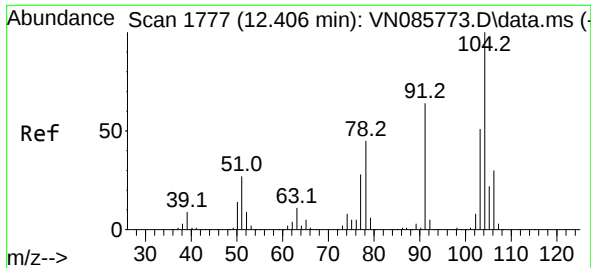
Tgt Ion: 91 Resp: 685
Ion Ratio Lower Upper
91 100
106 0.0 24.7 37.1#



#68
m/p-Xylenes
Concen: 13.211 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.005 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

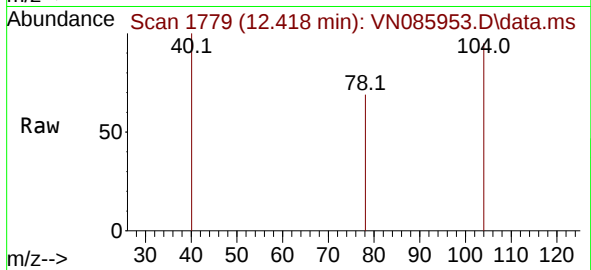
Tgt Ion:106 Resp: 349
Ion Ratio Lower Upper
106 100
91 284.0 163.3 244.9#



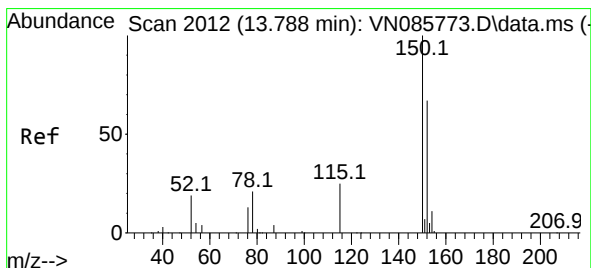
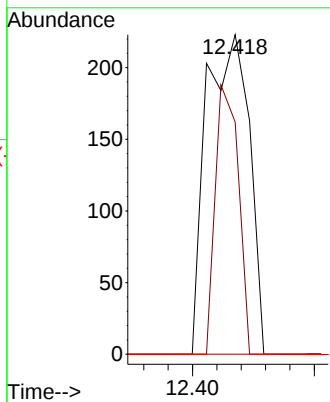
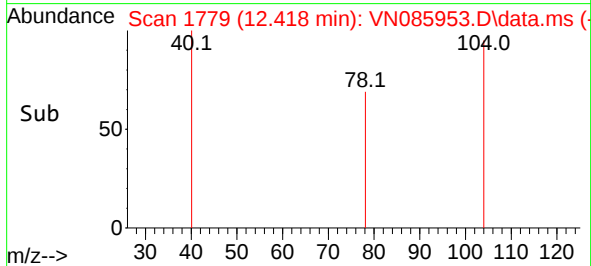


#70
Styrene
Concen: 6.875 ug/l
RT: 12.418 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

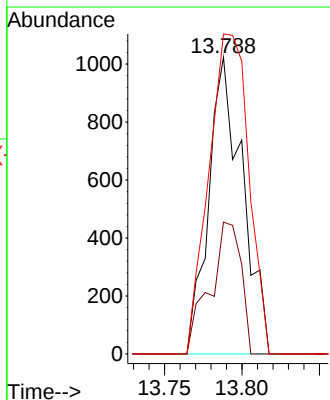
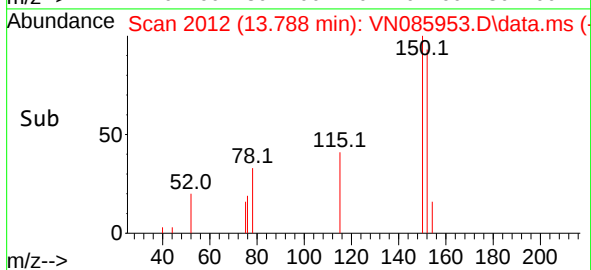
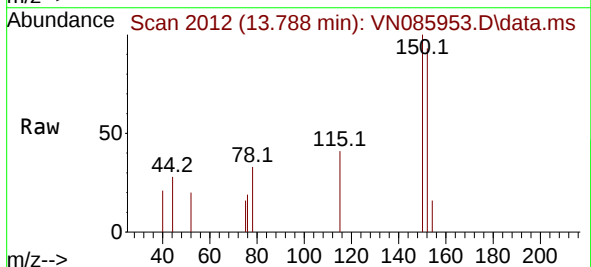


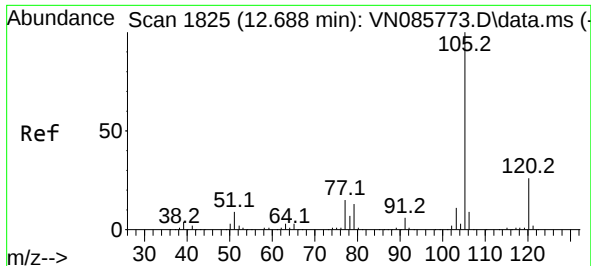
Tgt Ion:104 Resp: 273
Ion Ratio Lower Upper
104 100
78 45.4 39.0 58.6
103 0.0 43.3 64.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion:152 Resp: 1556
Ion Ratio Lower Upper
152 100
115 40.7 30.4 91.3
150 127.2 0.0 345.4

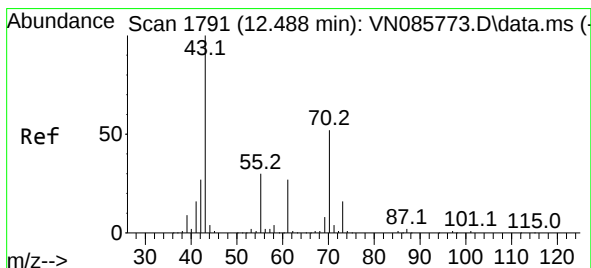
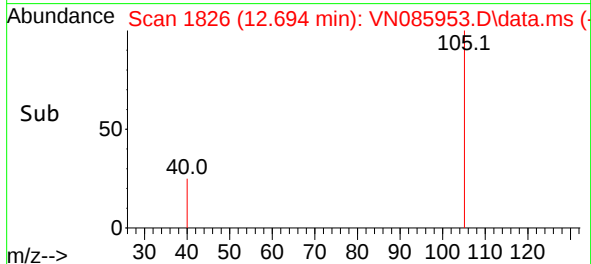
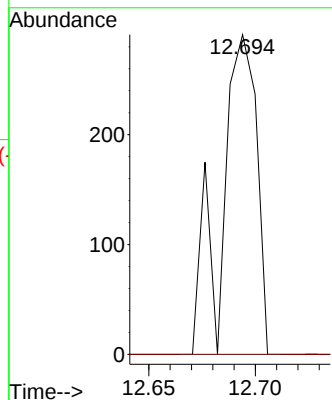
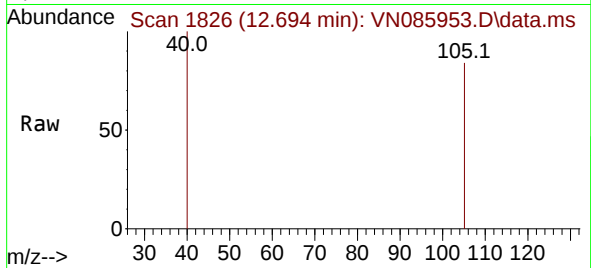




#73
Isopropylbenzene
Concen: 3.143 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

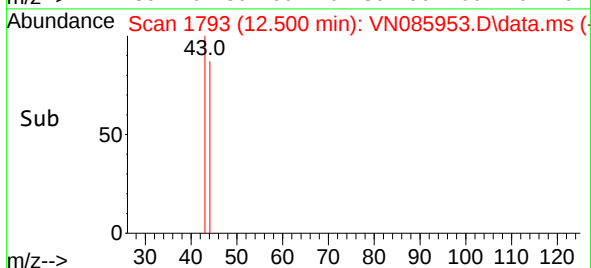
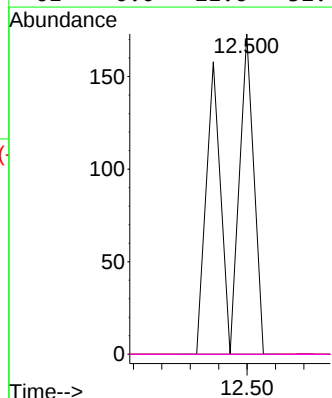
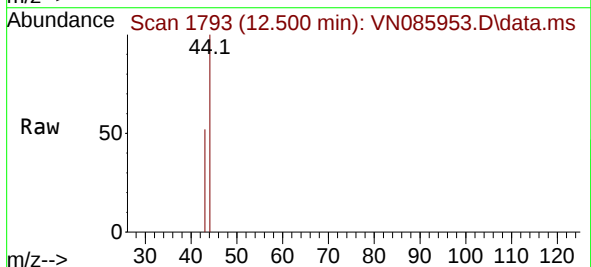
Instrument :
MSVOA_N
ClientSampleId :

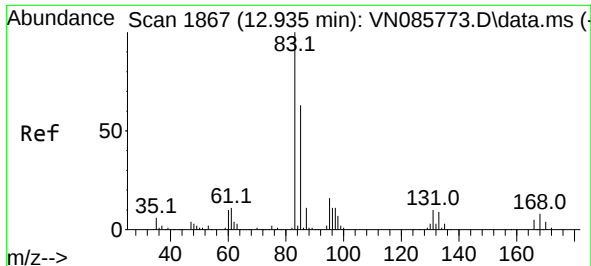
Tgt Ion:105 Resp: 335
Ion Ratio Lower Upper
105 100
120 0.0 13.0 39.0#



#74
N-ethyl acetate
Concen: 3.112 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion: 43 Resp: 117
Ion Ratio Lower Upper
43 100
70 0.0 41.0 61.4#
55 0.0 24.6 36.8#
61 0.0 21.6 32.4#

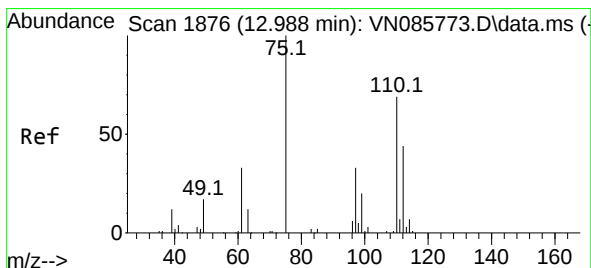
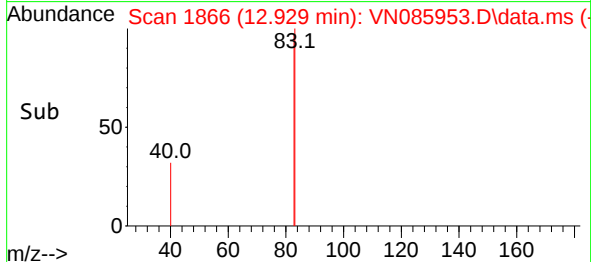
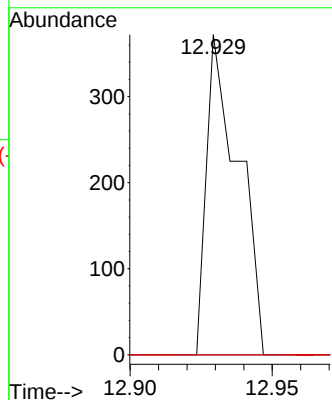
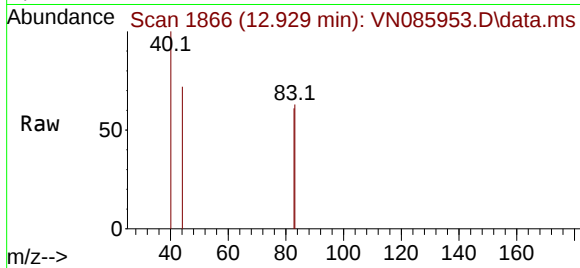




#75
 1,1,2,2-Tetrachloroethane
 Concen: 7.906 ug/l
 RT: 12.929 min Scan# 1866
 Delta R.T. -0.006 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

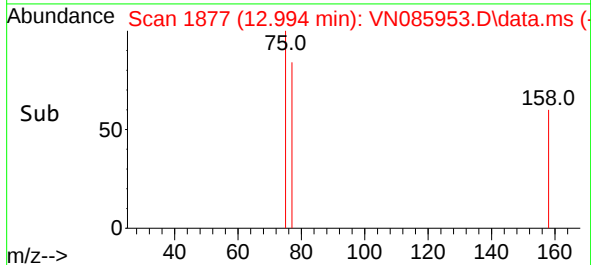
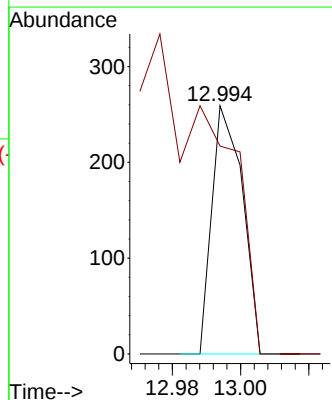
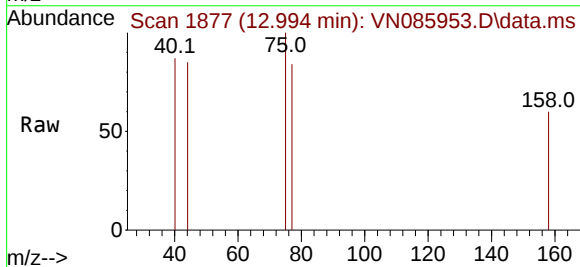
Instrument :
 MSVOA_N
 ClientSampleId :

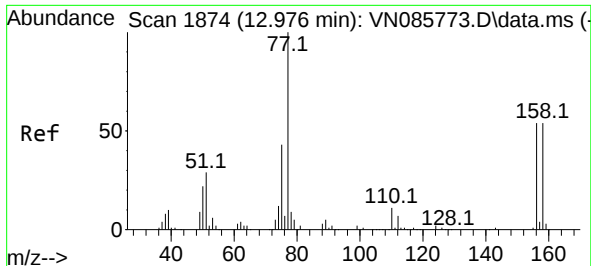
Tgt Ion: 83 Resp: 290
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0#
 85 0.0 32.2 96.6#



#76
 1,2,3-Trichloropropane
 Concen: 4.658 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

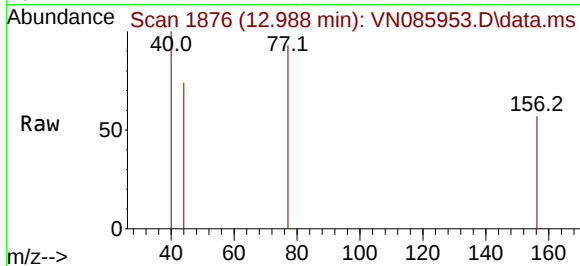
Tgt Ion: 75 Resp: 161
 Ion Ratio Lower Upper
 75 100
 77 328.0 100.0 300.0#



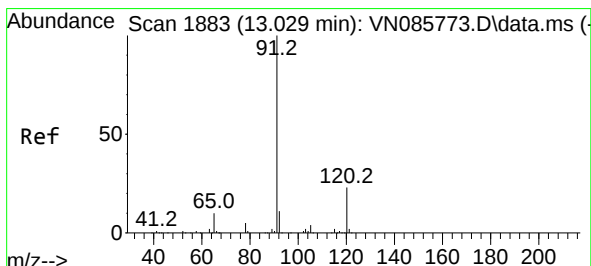
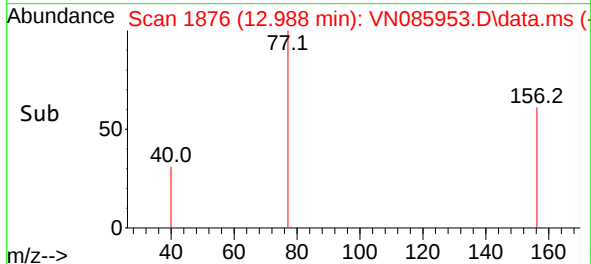
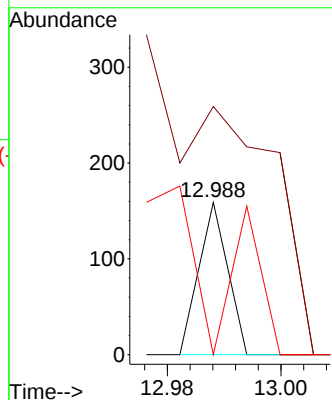


#77
Bromobenzene
Concen: 1.944 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

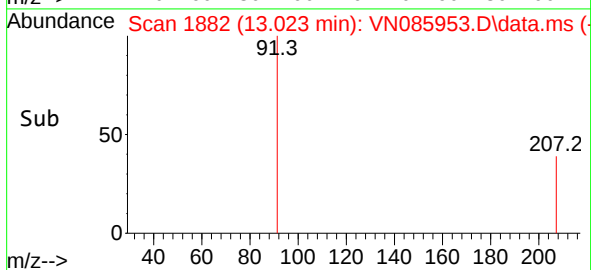
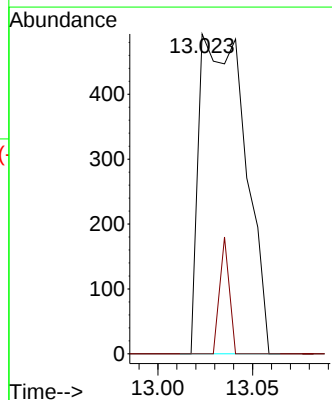
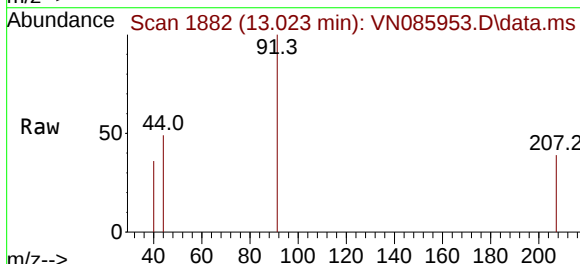


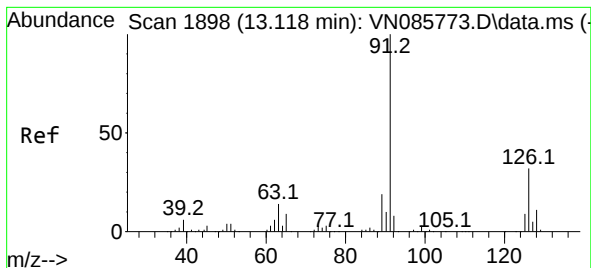
Tgt Ion:156 Resp: 56
Ion Ratio Lower Upper
156 100
77 942.9 104.1 312.3#
158 308.9 48.1 144.4#



#78
n-propylbenzene
Concen: 6.774 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion: 91 Resp: 827
Ion Ratio Lower Upper
91 100
120 7.7 11.3 33.8#





#79

2-Chlorotoluene

Concen: 4.303 ug/l

RT: 13.117 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

Instrument :

MSVOA_N

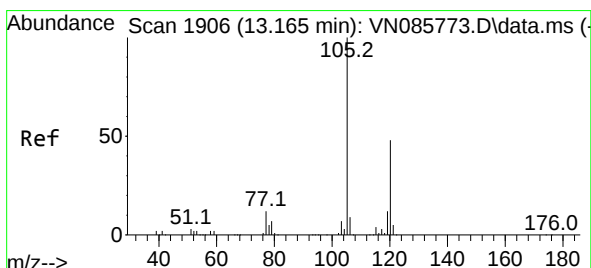
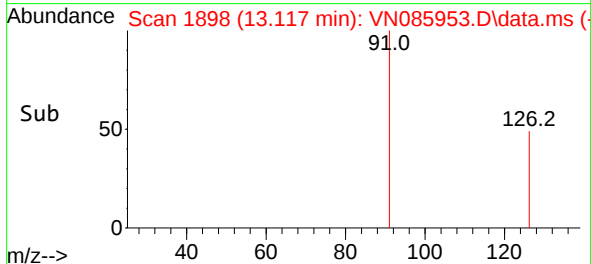
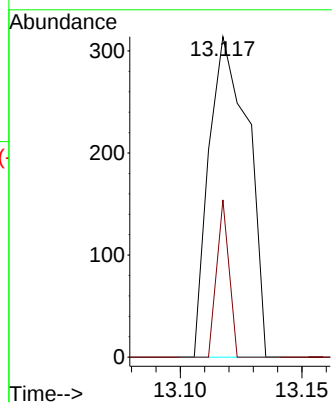
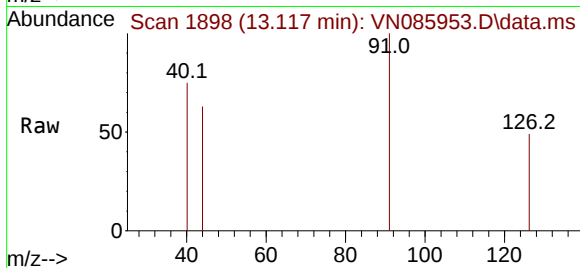
ClientSampleId :

Tgt Ion: 91 Resp: 351

Ion Ratio Lower Upper

91 100

126 15.4 16.4 49.1#



#80

1,3,5-Trimethylbenzene

Concen: 3.720 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.012 min

Lab File: VN085953.D

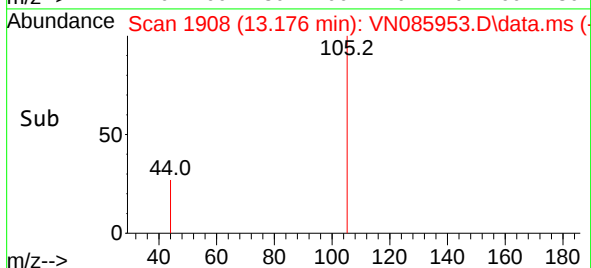
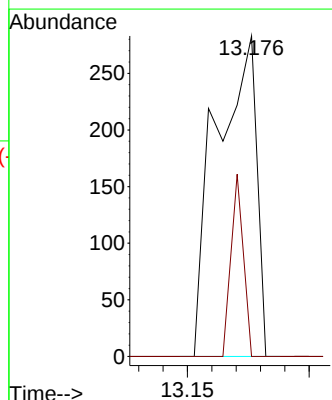
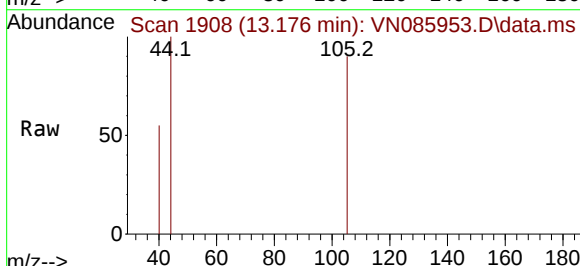
Acq: 11 Mar 2025 23:53

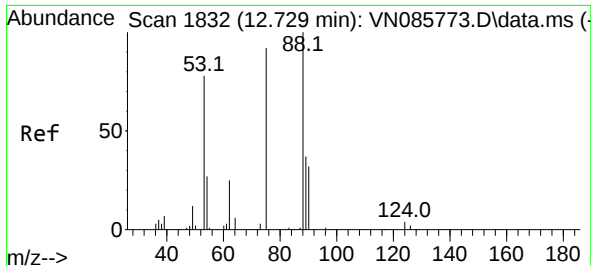
Tgt Ion:105 Resp: 323

Ion Ratio Lower Upper

105 100

120 17.6 24.3 72.9#

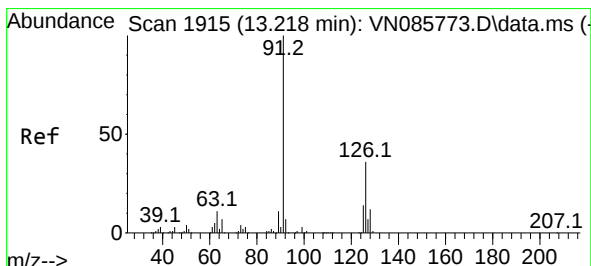
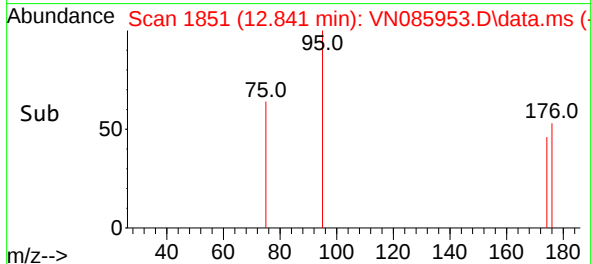
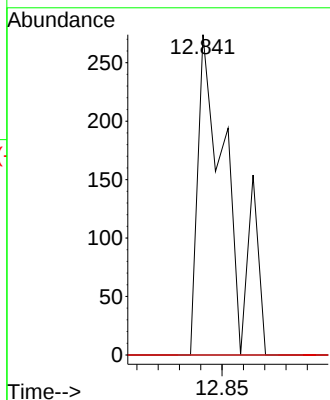
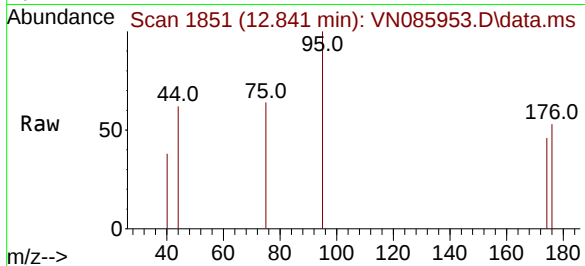




#81
trans-1,4-Dichloro-2-butene
Concen: 23.214 ug/l
RT: 12.841 min Scan# 1832
Delta R.T. 0.112 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

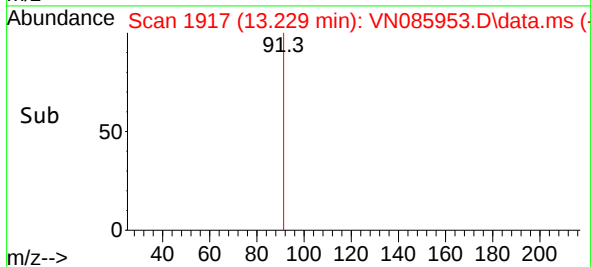
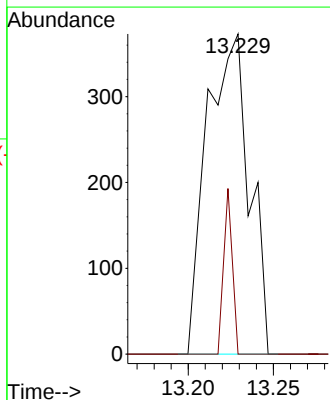
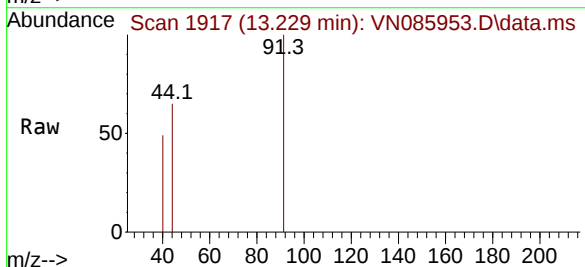
Instrument :
MSVOA_N
ClientSampleId :

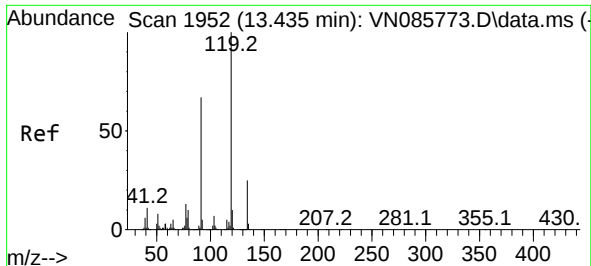
Tgt Ion: 75 Resp: 275
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.9 52.3#



#82
4-Chlorotoluene
Concen: 8.001 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion: 91 Resp: 647
Ion Ratio Lower Upper
91 100
126 10.5 16.4 49.4#

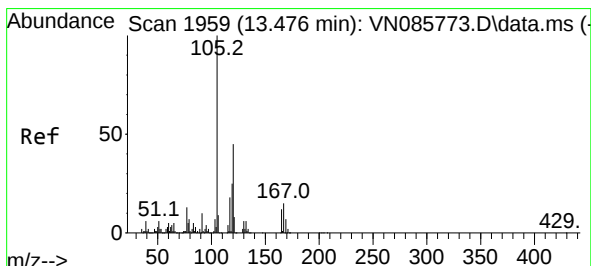
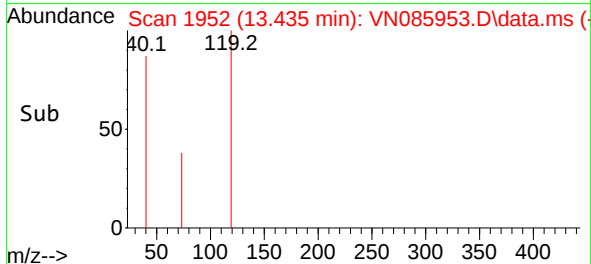
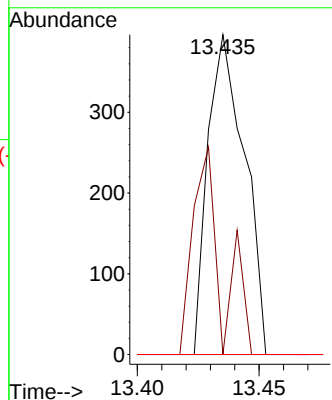
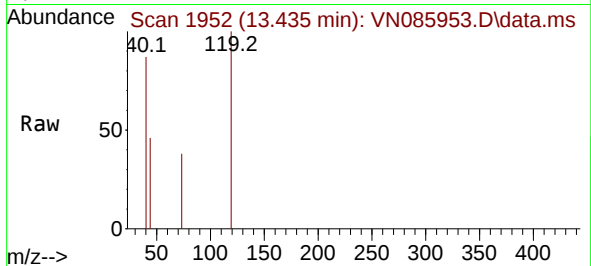




#83
 tert-Butylbenzene
 Concen: 5.683 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

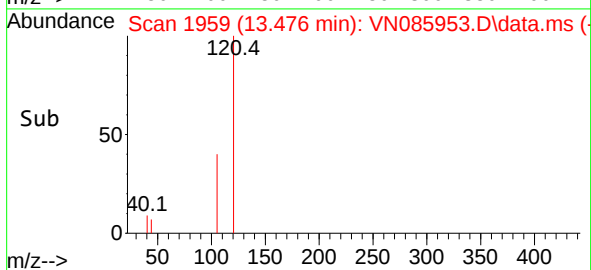
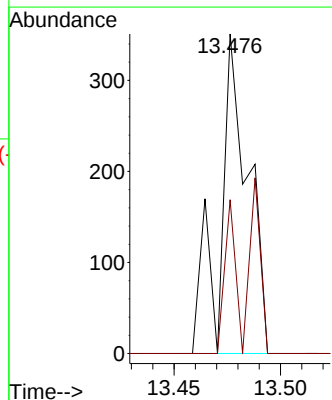
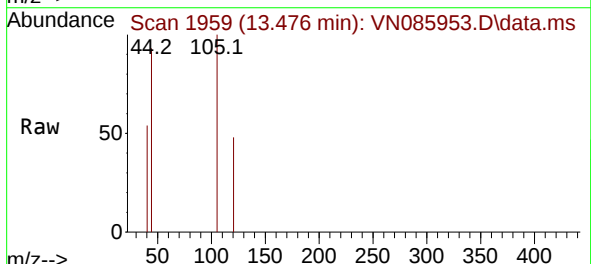
Instrument :
 MSVOA_N
 ClientSampleId :

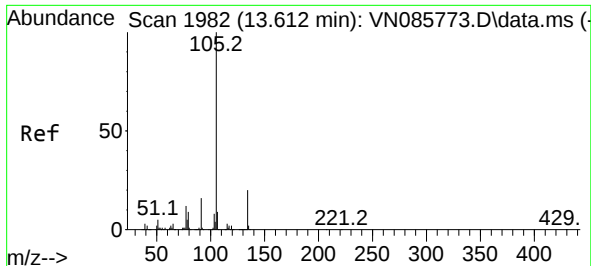
Tgt Ion:119 Resp: 415
 Ion Ratio Lower Upper
 119 100
 91 50.6 32.5 97.5
 134 0.0 13.3 39.9#



#84
 1,2,4-Trimethylbenzene
 Concen: 3.760 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

Tgt Ion:105 Resp: 323
 Ion Ratio Lower Upper
 105 100
 120 18.6 22.4 67.3#

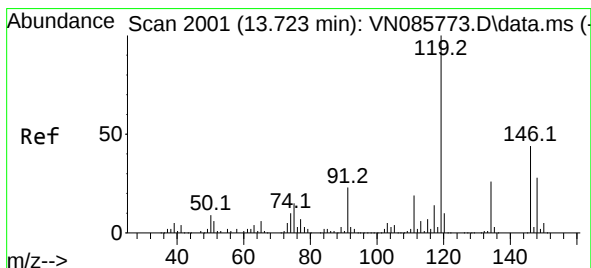
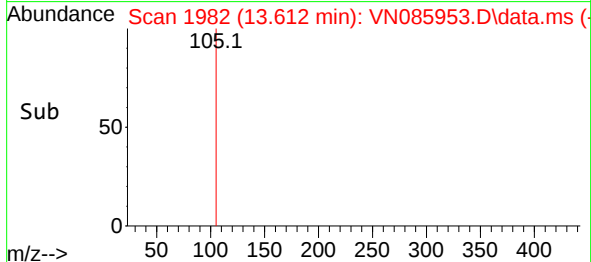
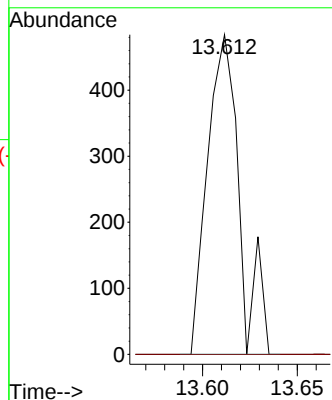
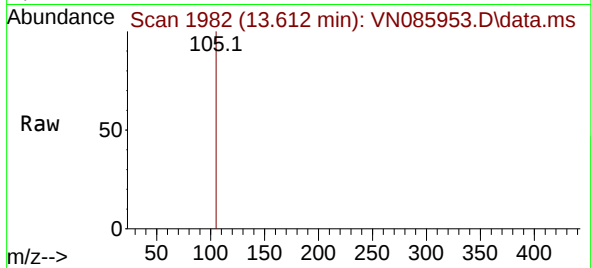




#85
 sec-Butylbenzene
 Concen: 5.515 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

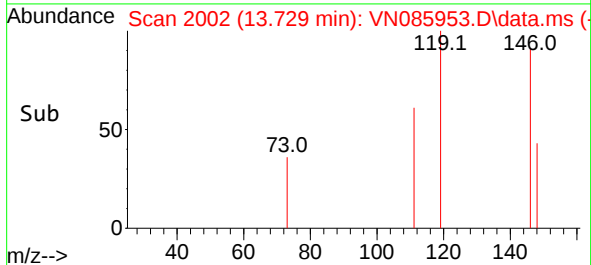
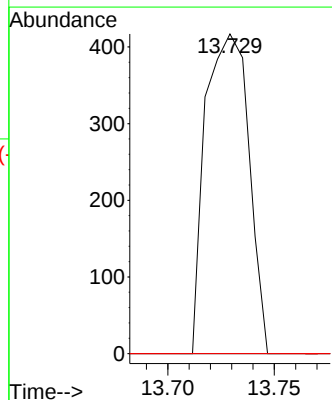
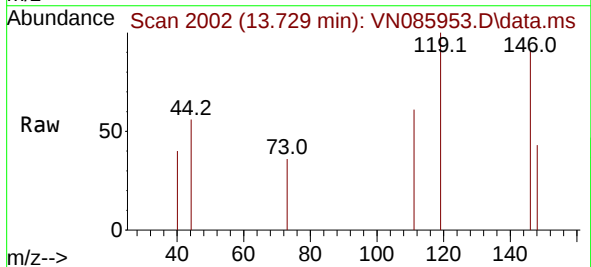
Instrument :
 MSVOA_N
 ClientSampleId :

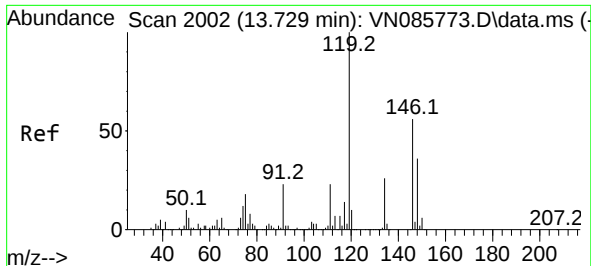
Tgt Ion:105 Resp: 569
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 7.248 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085953.D
 Acq: 11 Mar 2025 23:53

Tgt Ion:119 Resp: 591
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.0 39.0#
 91 0.0 11.7 35.1#





#87

1,3-Dichlorobenzene

Concen: 10.063 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN085953.D

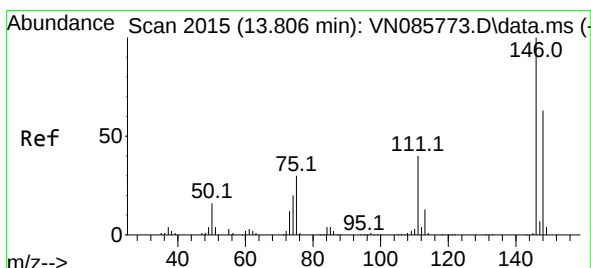
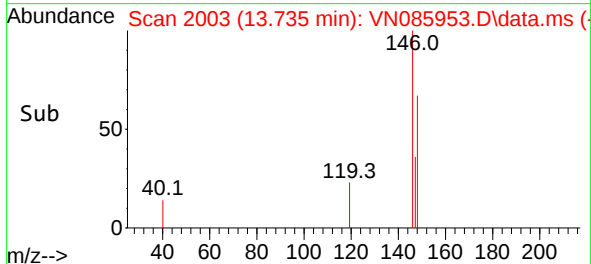
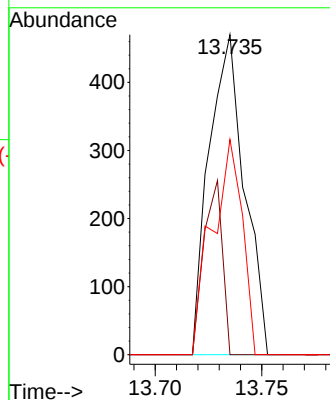
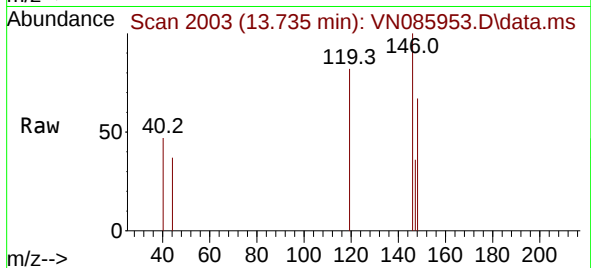
Acq: 11 Mar 2025 23:53

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:146	Resp:	543
Ion	Ratio	Lower Upper
146	100	
111	28.5	21.1 63.3
148	57.6	32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 9.819 ug/l

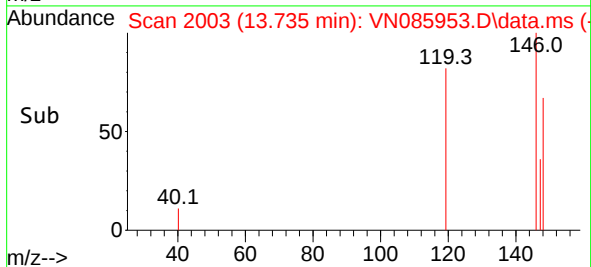
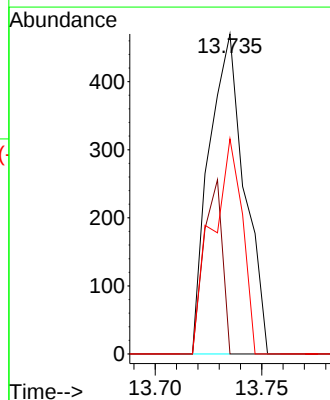
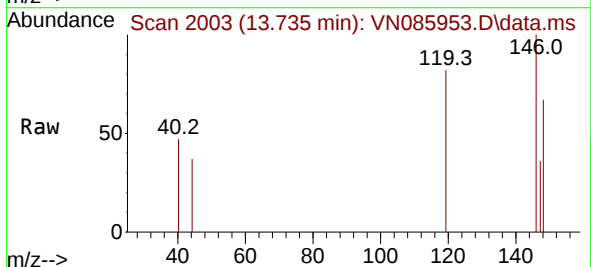
RT: 13.735 min Scan# 2003

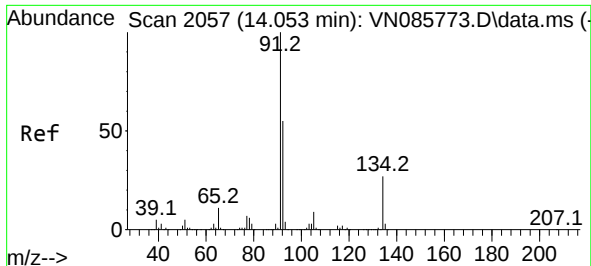
Delta R.T. -0.071 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

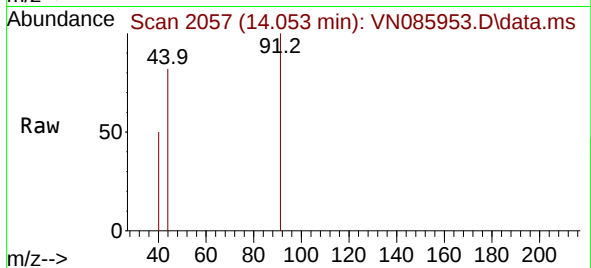
Tgt Ion:146	Resp:	543
Ion	Ratio	Lower Upper
146	100	
111	28.5	20.4 61.3
148	57.6	31.8 95.4



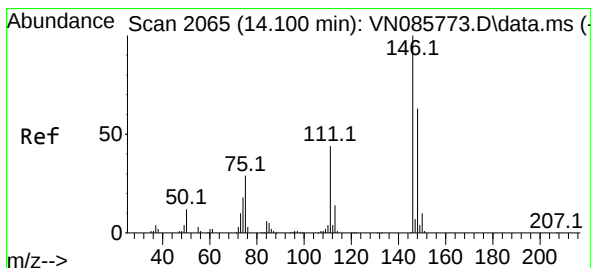
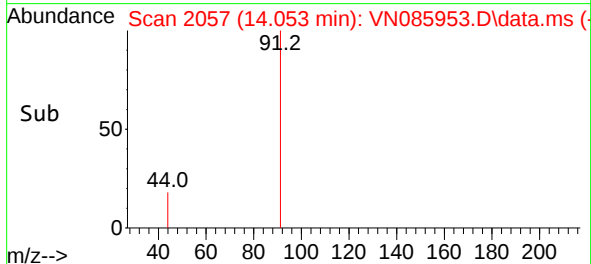
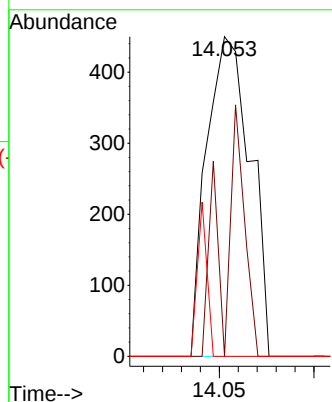


#89
n-Butylbenzene
Concen: 9.856 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Instrument :
MSVOA_N
ClientSampleId :

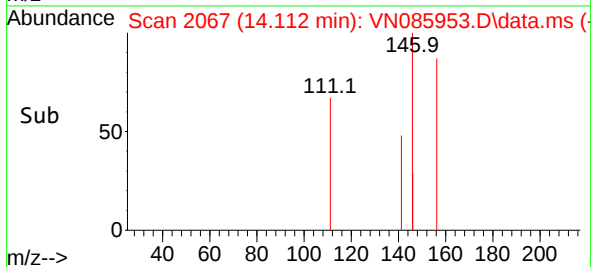
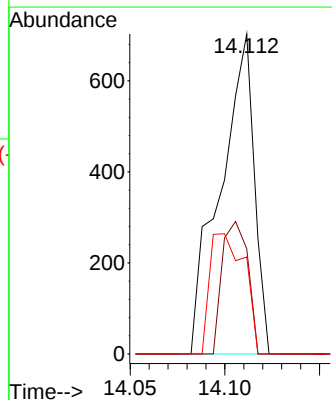
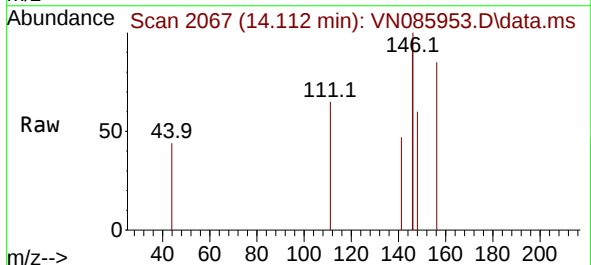


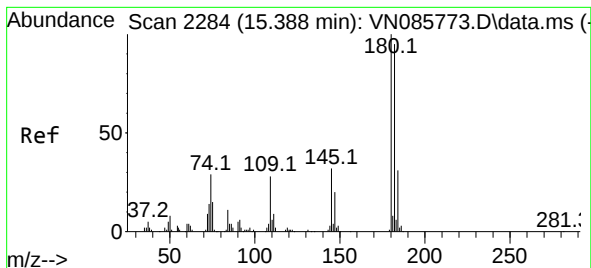
Tgt Ion: 91 Resp: 722
Ion Ratio Lower Upper
91 100
92 38.2 27.1 81.3
134 10.7 12.7 38.1#



#91
1,2-Dichlorobenzene
Concen: 16.883 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.012 min
Lab File: VN085953.D
Acq: 11 Mar 2025 23:53

Tgt Ion:146 Resp: 876
Ion Ratio Lower Upper
146 100
111 31.3 21.4 64.3
148 38.0 32.0 96.2





#93

1,2,4-Trichlorobenzene

Concen: 45.299 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

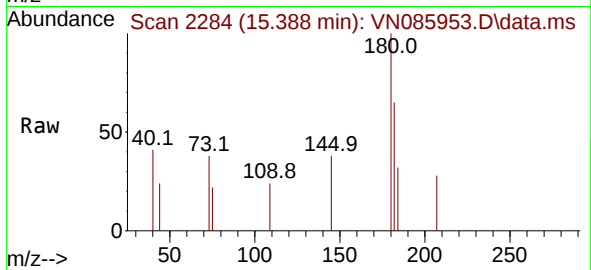
Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

Instrument :

MSVOA_N

ClientSampleId :



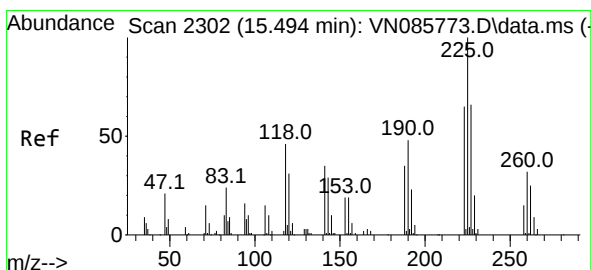
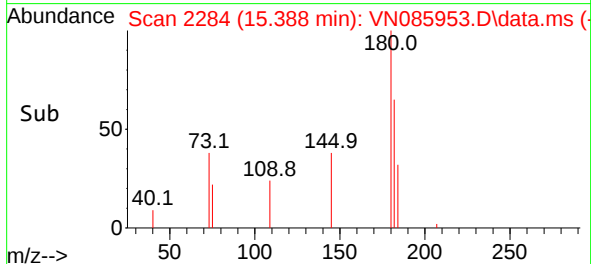
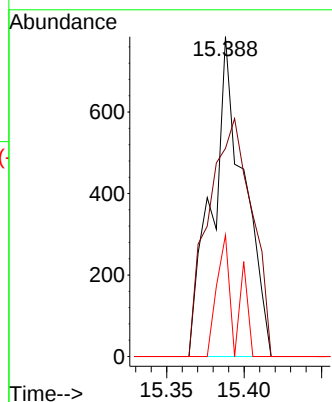
Tgt Ion:180 Resp: 1120

Ion Ratio Lower Upper

180 100

182 101.5 47.3 141.9

145 22.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 8.119 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

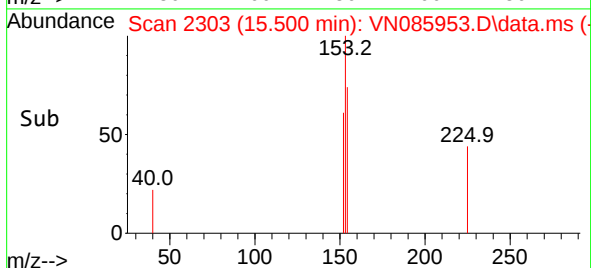
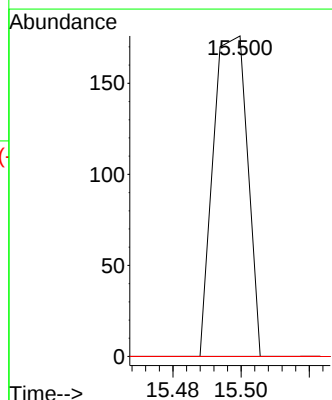
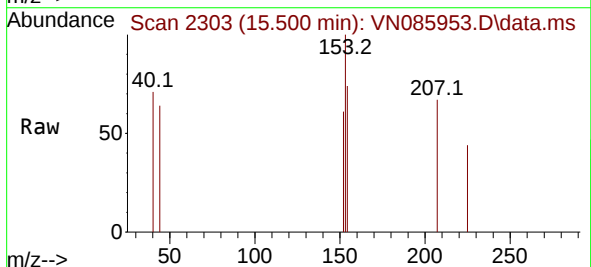
Tgt Ion:225 Resp: 122

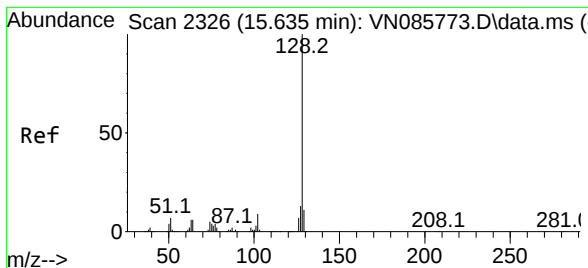
Ion Ratio Lower Upper

225 100

223 0.0 31.9 95.5#

227 0.0 32.2 96.6#





#95

Naphthalene

Concen: 146.731 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

Instrument :

MSVOA_N

ClientSampleId :

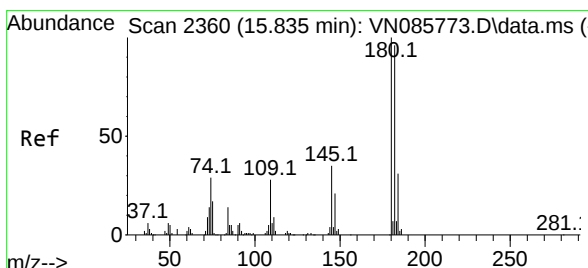
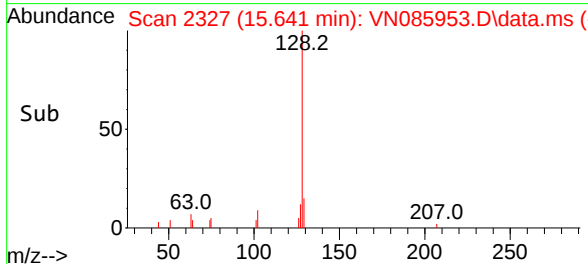
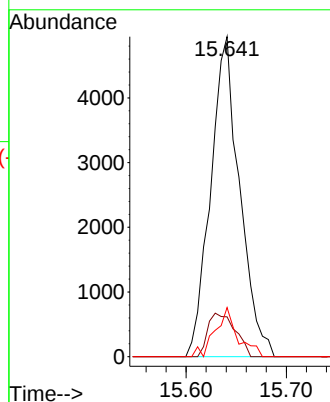
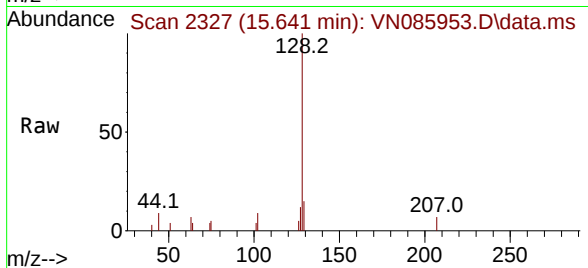
Tgt Ion:128 Resp: 9960

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

129 11.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 57.490 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. 0.006 min

Lab File: VN085953.D

Acq: 11 Mar 2025 23:53

Tgt Ion:180 Resp: 1427

Ion Ratio Lower Upper

180 100

182 104.5 47.3 141.8

145 23.9 16.9 50.6

