

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085654.D
 Acq On : 04 Feb 2025 16:13
 Operator : JC\MD
 Sample : Q1219-01ME
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0015

Quant Time: Feb 05 01:06:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	212918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	403657	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	152623	44.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.820%		
35) Dibromofluoromethane	8.165	113	126925	45.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.640%		
50) Toluene-d8	10.565	98	506321	50.888	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.847	95	171492	50.386	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.780%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.360	50	750	0.240	ug/l #	41
6) Chloroethane	3.089	64	403	0.203	ug/l #	44
8) Diethyl Ether	3.948	74	860	0.547	ug/l	69
10) Methyl Iodide	4.542	142	754	0.257	ug/l #	36
11) Tert butyl alcohol	5.483	59	1878	4.772	ug/l #	71
16) Acetone	4.453	43	1474	1.327	ug/l	96
18) Methyl Acetate	5.012	43	3353	0.993	ug/l #	11
20) Methylene Chloride	5.253	84	559	0.203	ug/l #	50
25) 2-Butanone	7.500	43	858	0.525	ug/l #	65
29) Tetrahydrofuran	7.865	42	818	0.790	ug/l #	52
31) Cyclohexane	8.218	56	10538	2.416	ug/l #	55
36) 1,1-Dichloropropene	8.212	75	18464	4.698	ug/l #	54
38) Carbon Tetrachloride	8.218	117	23108	5.136	ug/l #	18
39) Methylcyclohexane	9.594	83	11305	3.061	ug/l	87
43) Isopropyl Acetate	8.653	43	3794	0.597	ug/l #	55
52) Toluene	10.624	92	407848	59.605	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	7001	2.585	ug/l #	24
56) Ethyl methacrylate	10.853	69	746	2.088	ug/l #	64
59) 2-Hexanone	11.171	43	7959	3.067	ug/l #	29
61) 1,2-Dibromoethane	11.359	107	680	0.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.947	131	969	0.332	ug/l #	39
67) Ethyl Benzene	11.959	91	133551	10.307	ug/l	97
68) m/p-Xylenes	12.065	106	231016	48.239	ug/l	95
69) o-Xylene	12.394	106	120922	26.421	ug/l	100
70) Styrene	12.400	104	13274	1.753	ug/l #	1
73) Isopropylbenzene	12.694	105	40987	3.588	ug/l	96
74) N-amyl acetate	12.482	43	22646	4.410	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.929	83	2908	0.721	ug/l #	26
76) 1,2,3-Trichloropropane	13.094	75	4734	1.376	ug/l #	1
78) n-propylbenzene	13.035	91	171841	12.706	ug/l #	77
79) 2-Chlorotoluene	13.094	91	64232	7.338	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.171	105	280412	29.716	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.847	75	89129	70.093	ug/l #	3
82) 4-Chlorotoluene	13.171	91	32993	3.786	ug/l #	45
83) tert-Butylbenzene	13.482	119	169757	21.422	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.482	105	1278140	135.901	ug/l	96

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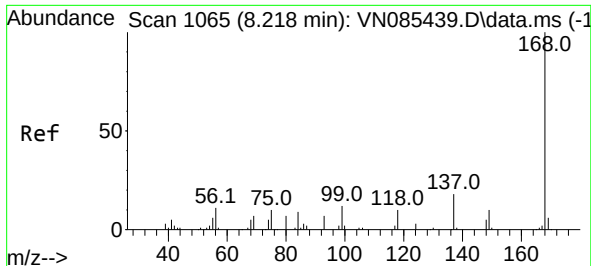
Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0015

Quant Time: Feb 05 01:06:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

85) sec-Butylbenzene	13.612	105	56697	5.162	ug/l	90
86) p-Isopropyltoluene	13.729	119	29172	3.354	ug/l	92
87) 1,3-Dichlorobenzene	13.712	146	3270	0.595	ug/l #	43
88) 1,4-Dichlorobenzene	13.818	146	1460	0.256	ug/l #	1
89) n-Butylbenzene	14.053	91	98601	12.514	ug/l #	80
90) Hexachloroethane	14.329	117	48325	23.113	ug/l #	16
91) 1,2-Dichlorobenzene	14.100	146	1241	0.226	ug/l #	42
92) 1,2-Dibromo-3-Chloropr...	14.735	75	1483	2.012	ug/l #	18
93) 1,2,4-Trichlorobenzene	15.382	180	1799	0.706	ug/l #	72
94) Hexachlorobutadiene	15.488	225	596	0.441	ug/l	89
95) Naphthalene	15.635	128	739101	97.198	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	860	0.334	ug/l #	1

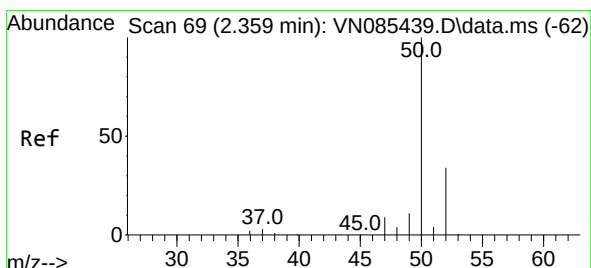
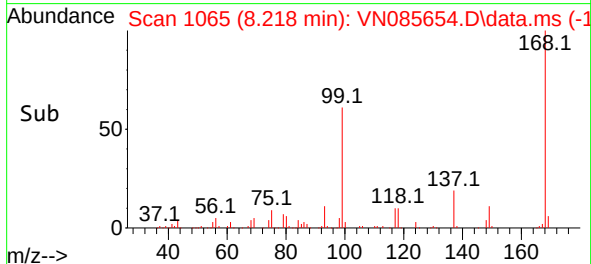
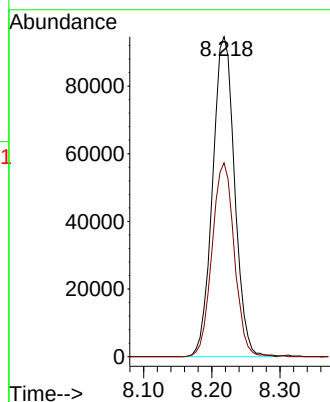
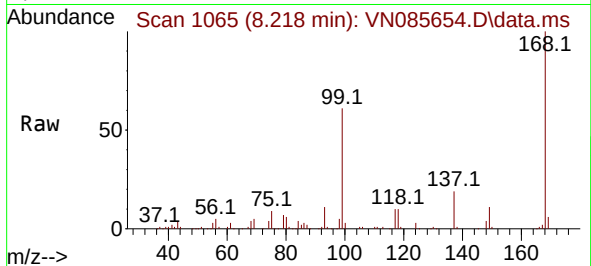
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

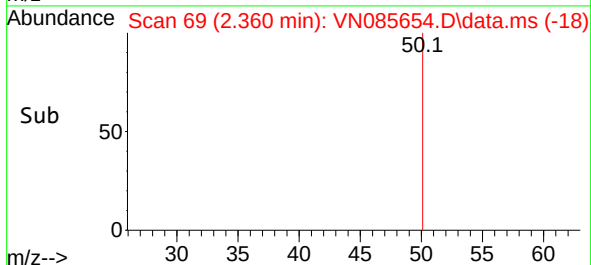
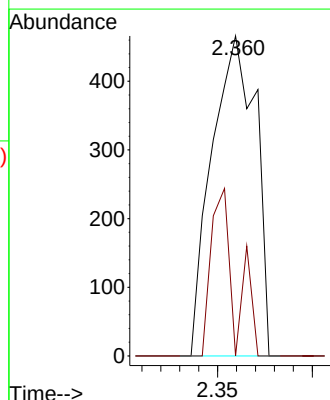
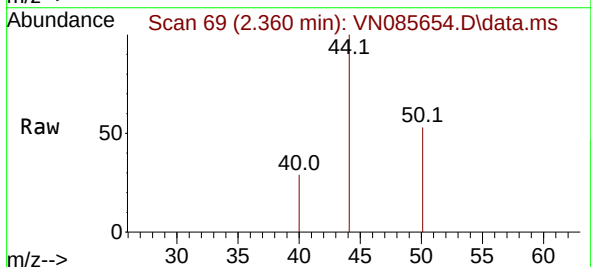
Instrument :
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LAW-25-0015

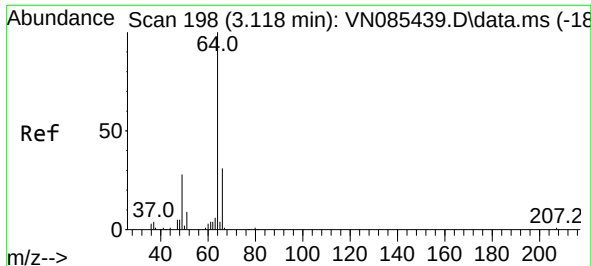
Tgt Ion:168 Resp: 212918
Ion Ratio Lower Upper
168 100
99 60.5 53.6 80.4



#3
Chloromethane
Concen: 0.240 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 50 Resp: 750
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

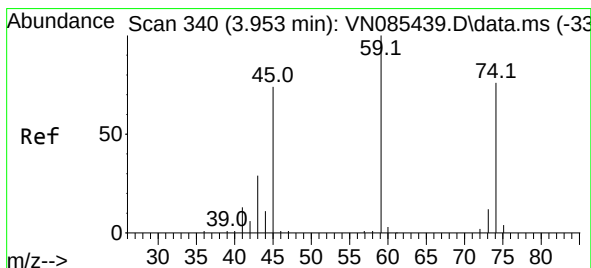
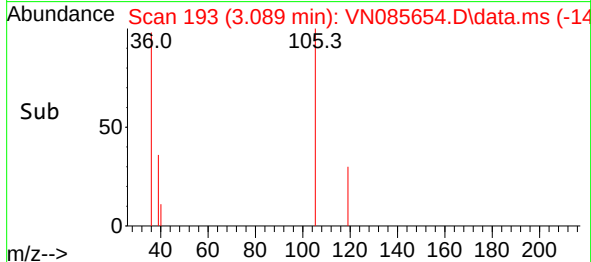
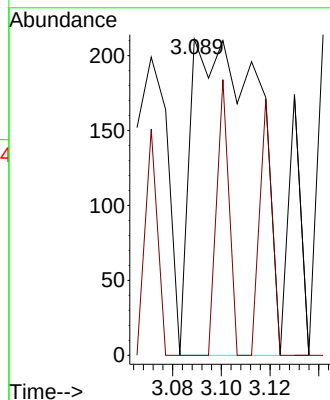
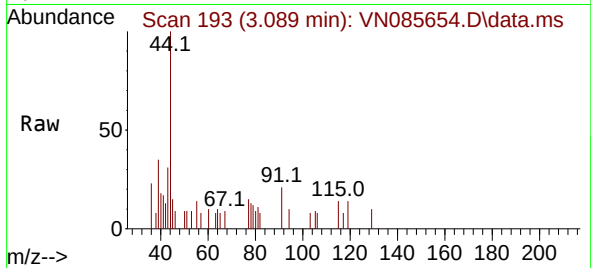




#6
Chloroethane
Concen: 0.203 ug/l
RT: 3.089 min Scan# 198
Delta R.T. -0.029 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

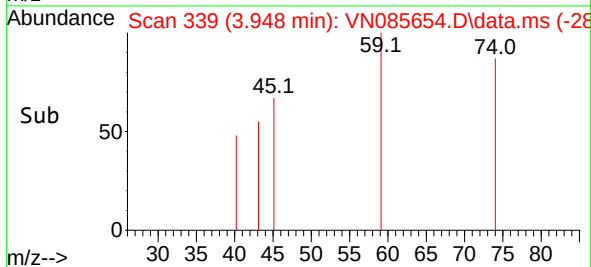
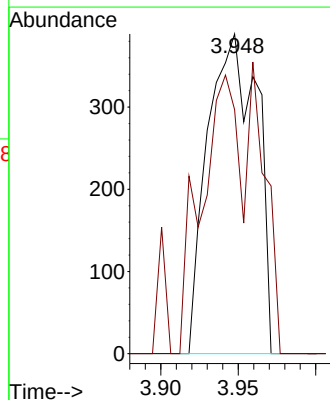
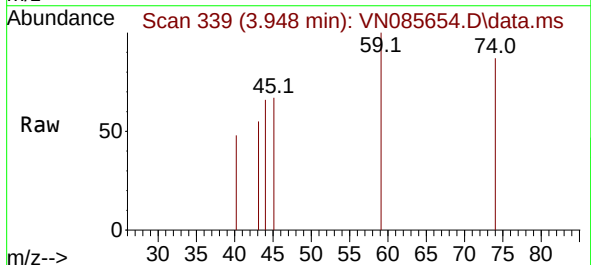
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

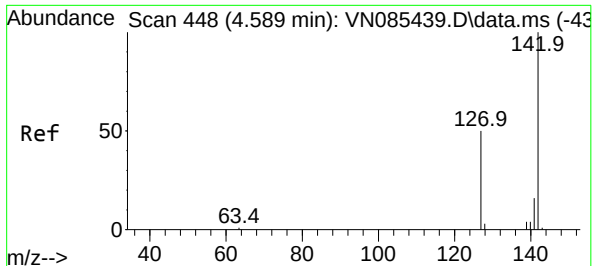
Tgt Ion: 64 Resp: 403
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#



#8
Diethyl Ether
Concen: 0.547 ug/l
RT: 3.948 min Scan# 339
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 74 Resp: 860
Ion Ratio Lower Upper
74 100
45 68.4 49.7 149.1

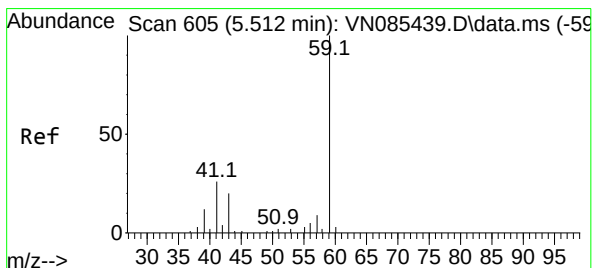
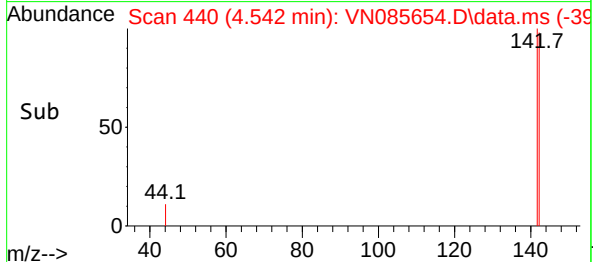
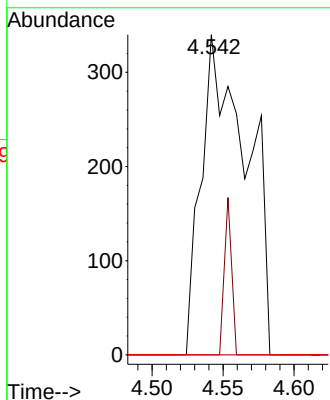
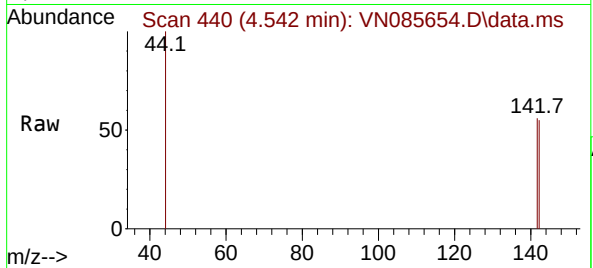




#10
Methyl Iodide
Concen: 0.257 ug/l
RT: 4.542 min Scan# 448
Delta R.T. -0.047 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

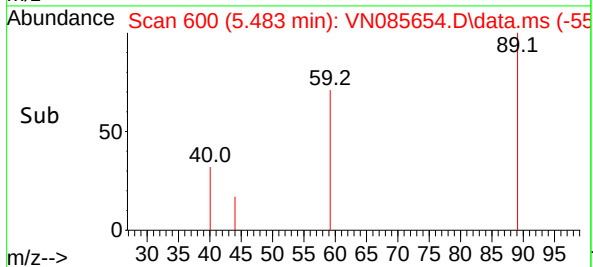
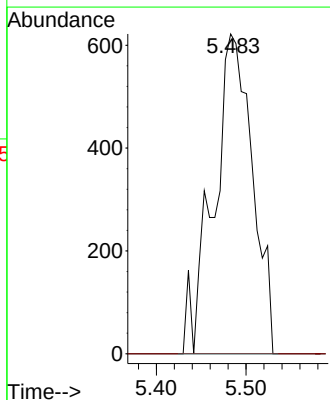
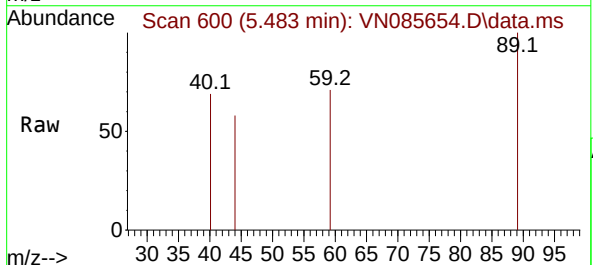
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

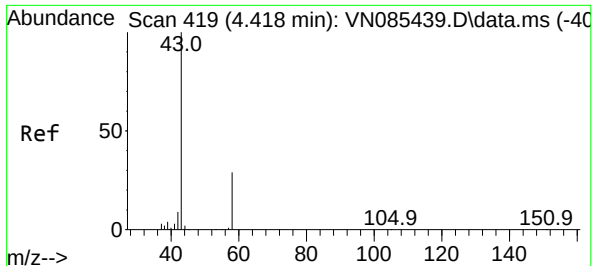
Tgt Ion:142 Resp: 754
Ion Ratio Lower Upper
142 100
127 0.0 40.3 60.5#
141 0.0 12.8 19.2#



#11
Tert butyl alcohol
Concen: 4.772 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.029 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 59 Resp: 1878
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#

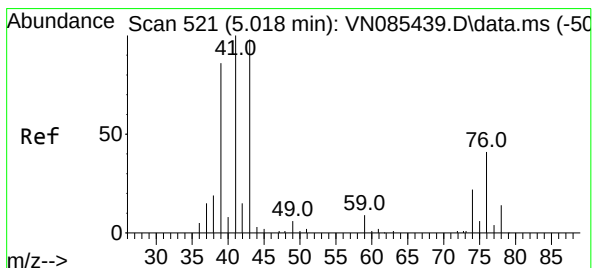
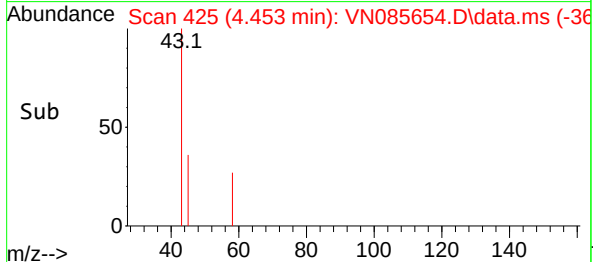
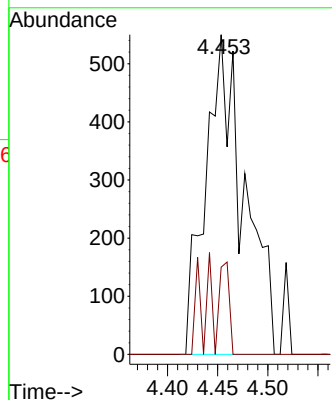
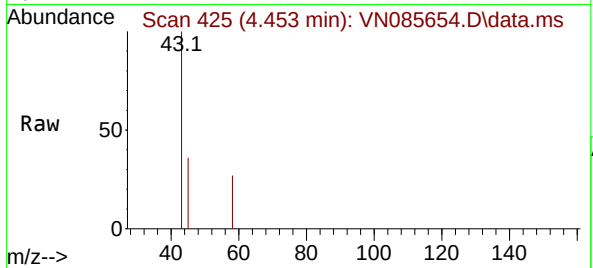




#16
Acetone
Concen: 1.327 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.035 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

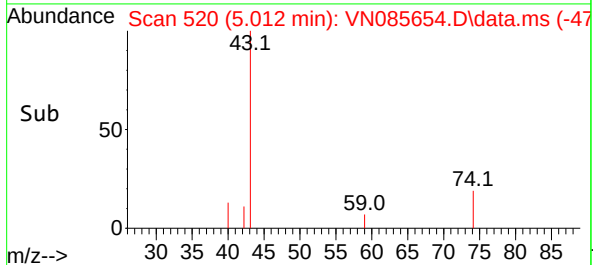
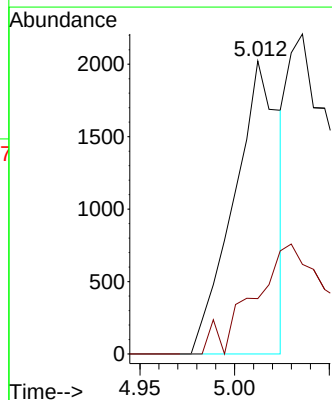
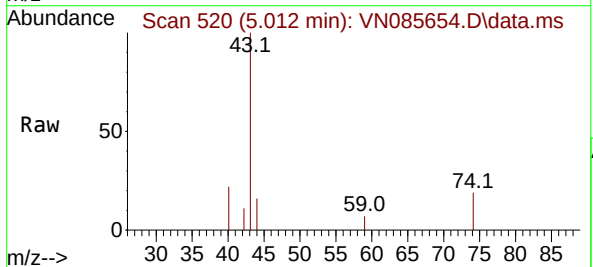
Instrument :
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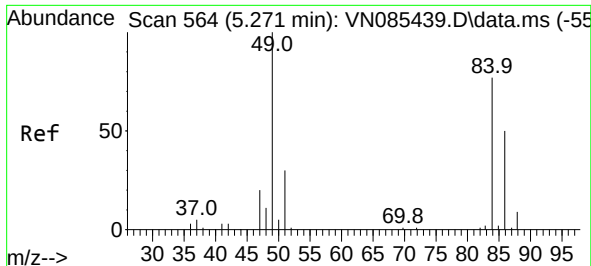
Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.6



#18
Methyl Acetate
Concen: 0.993 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 43 Resp: 3353
Ion Ratio Lower Upper
43 100
74 66.6 18.6 28.0#

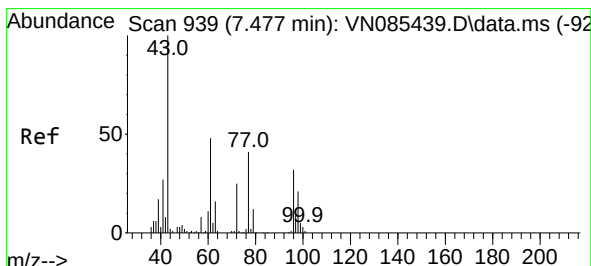
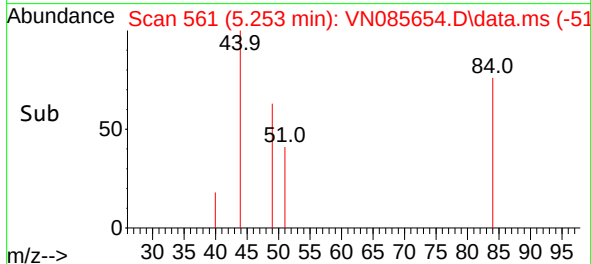
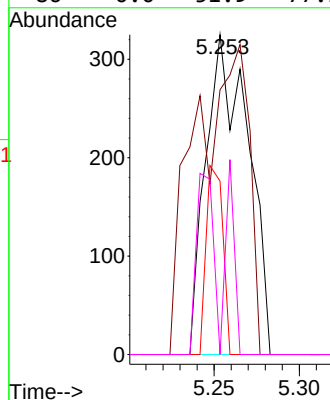
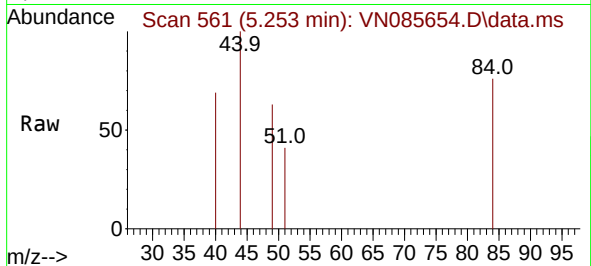




#20
Methylene Chloride
Concen: 0.203 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

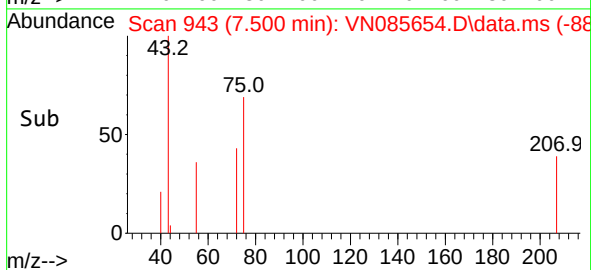
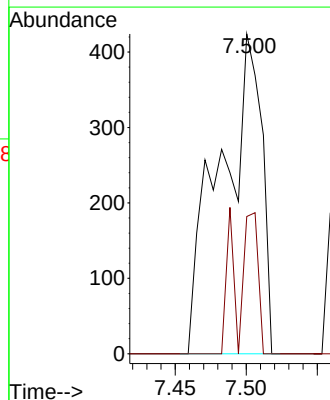
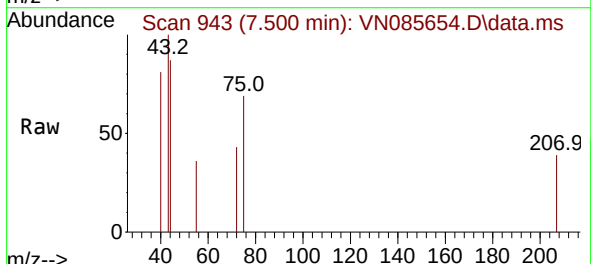
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MSVOA_N
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LAW-25-0015

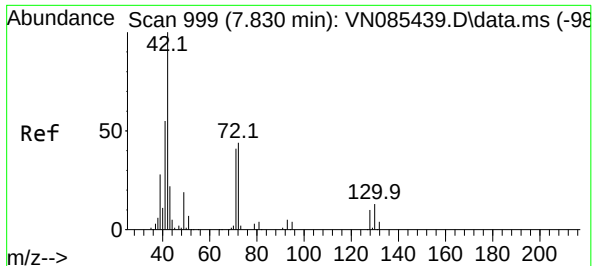
Tgt Ion:	84	Resp:	559
Ion	Ratio	Lower	Upper
84	100		
49	82.8	104.1	156.1#
51	54.2	31.0	46.4#
86	0.0	51.9	77.9#



#25
2-Butanone
Concen: 0.525 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.024 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:	43	Resp:	858
Ion	Ratio	Lower	Upper
43	100		
72	42.9	20.2	30.4#





#29

Tetrahydrofuran

Concen: 0.790 ug/l

RT: 7.865 min Scan# 1005

Delta R.T. 0.035 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

LAW-25-0015

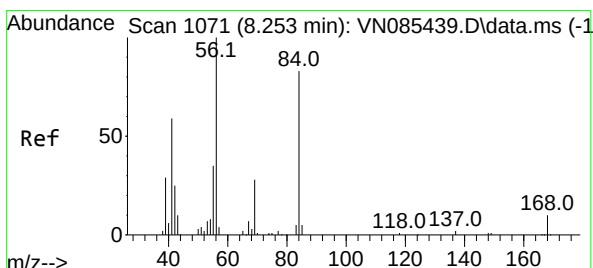
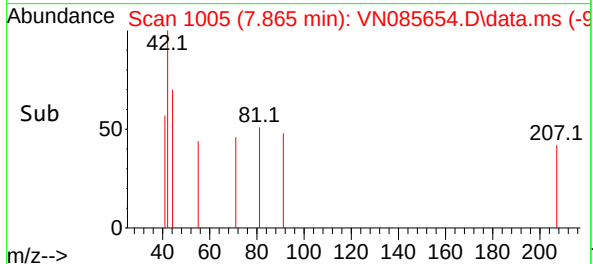
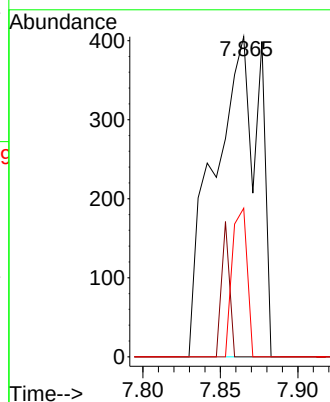
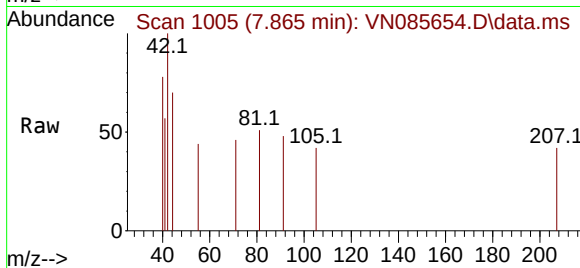
Tgt Ion: 42 Resp: 818

Ion Ratio Lower Upper

42 100

72 7.3 34.2 51.2#

71 15.4 32.5 48.7#



#31

Cyclohexane

Concen: 2.416 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

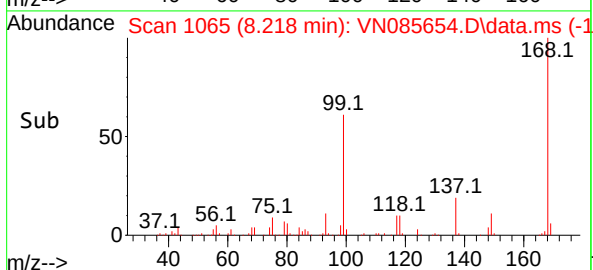
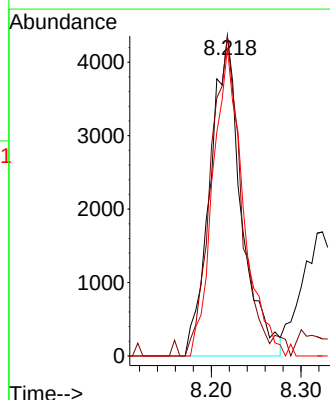
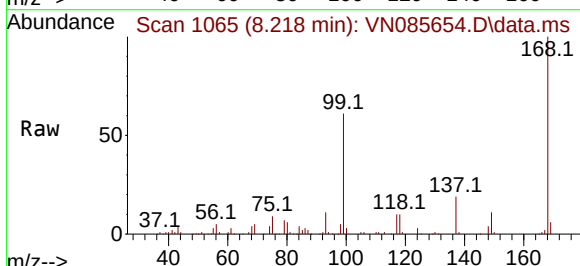
Tgt Ion: 56 Resp: 10538

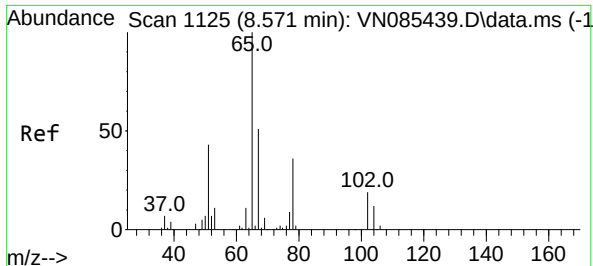
Ion Ratio Lower Upper

56 100

69 100.0 22.2 33.4#

84 96.2 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 44.407 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

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ClientSampleId :

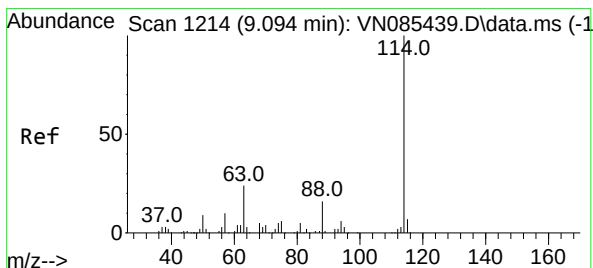
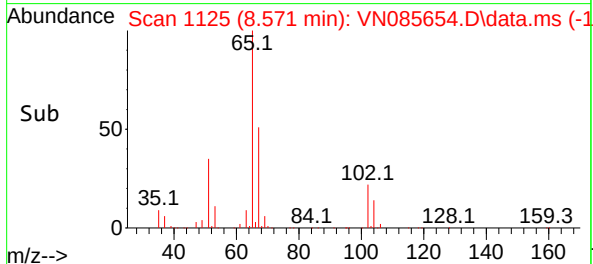
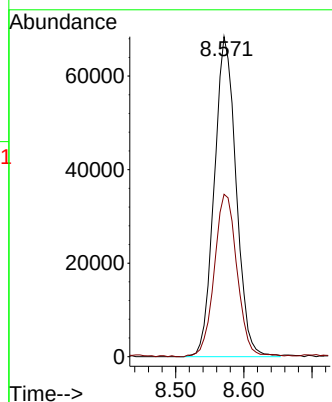
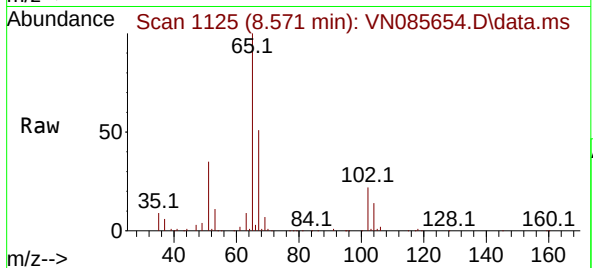
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Tgt Ion: 65 Resp: 152623

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

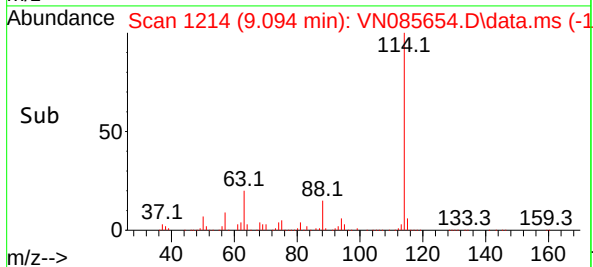
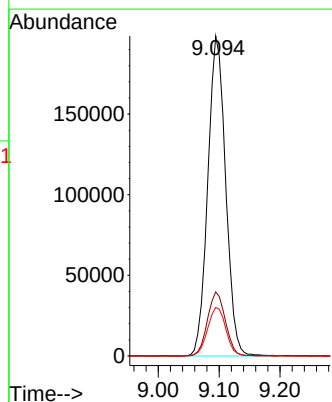
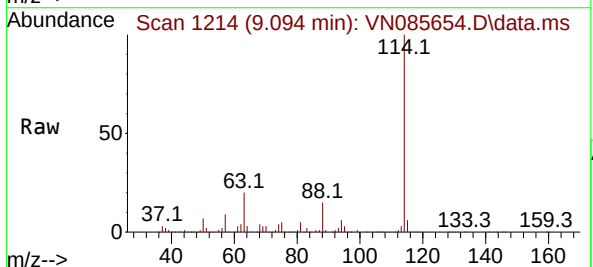
Tgt Ion: 114 Resp: 403657

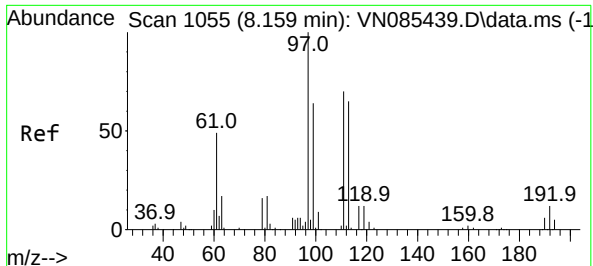
Ion Ratio Lower Upper

114 100

63 20.0 0.0 47.6

88 15.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 45.324 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

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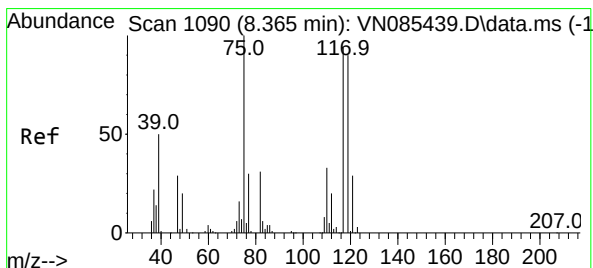
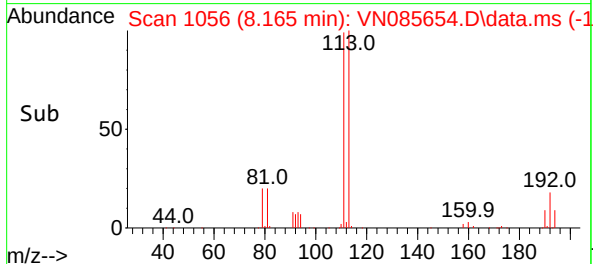
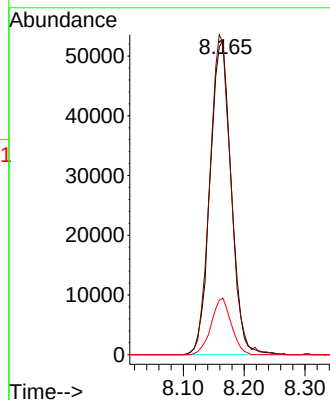
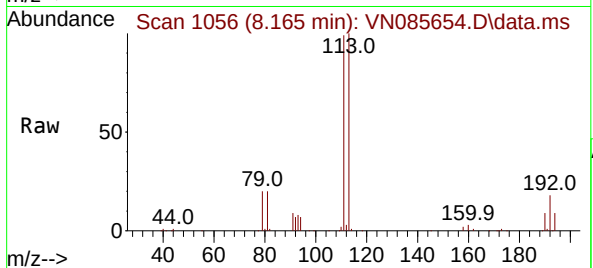
Tgt Ion:113 Resp: 126925

Ion Ratio Lower Upper

113 100

111 101.1 82.7 124.1

192 17.0 14.3 21.5



#36

1,1-Dichloropropene

Concen: 4.698 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.153 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

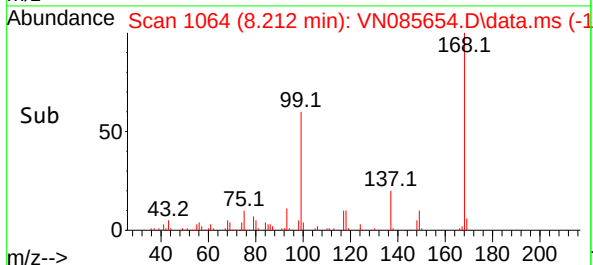
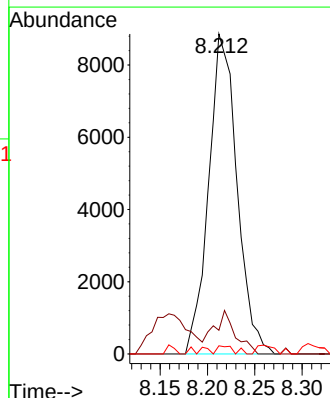
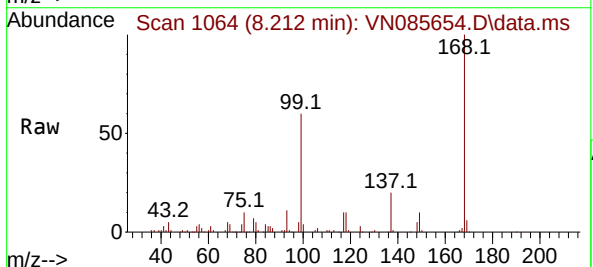
Tgt Ion: 75 Resp: 18464

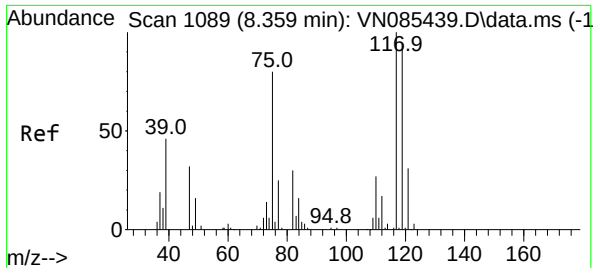
Ion Ratio Lower Upper

75 100

110 10.4 16.5 49.5#

77 1.5 24.4 36.6#

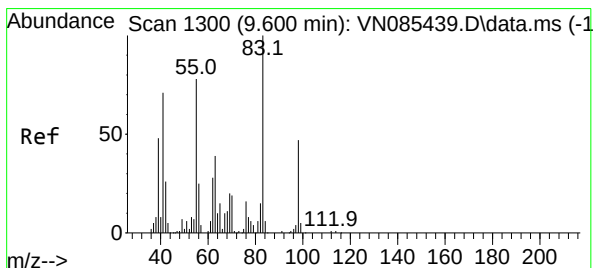
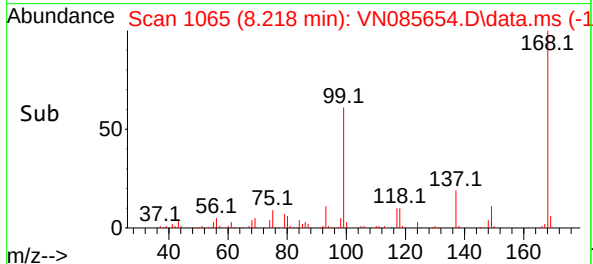
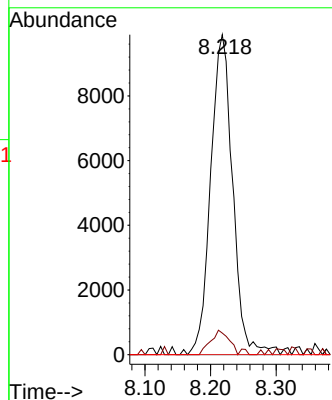
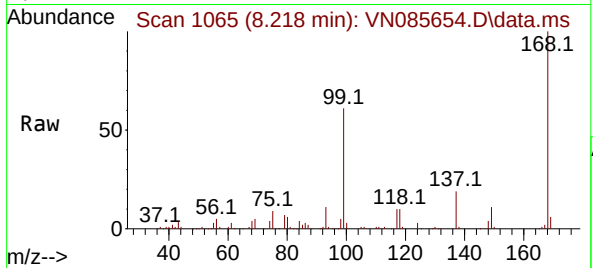




#38
Carbon Tetrachloride
Concen: 5.136 ug/l
RT: 8.218 min Scan# 11
Delta R.T. -0.141 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

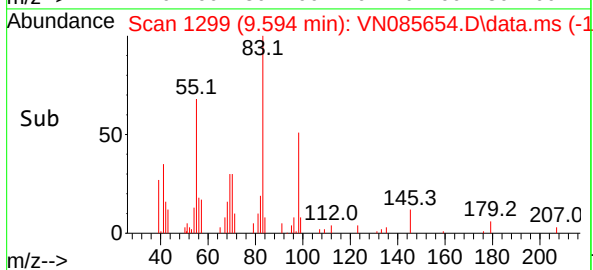
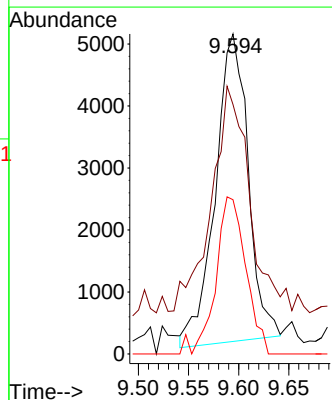
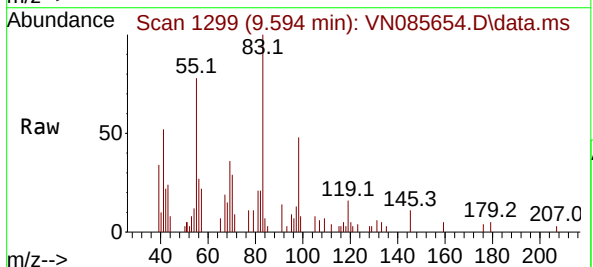
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

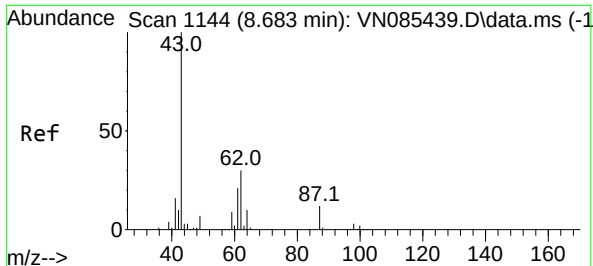
Tgt Ion:117 Resp: 23108
Ion Ratio Lower Upper
117 100
119 6.7 75.4 113.2#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 3.061 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 83 Resp: 11305
Ion Ratio Lower Upper
83 100
55 63.7 62.6 94.0
98 51.1 37.7 56.5

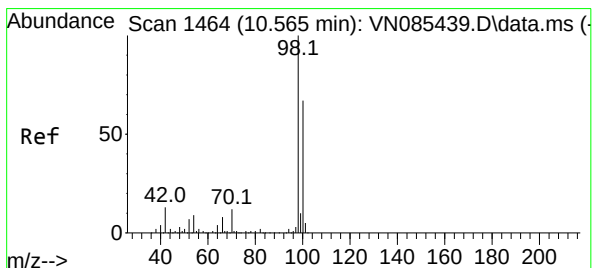
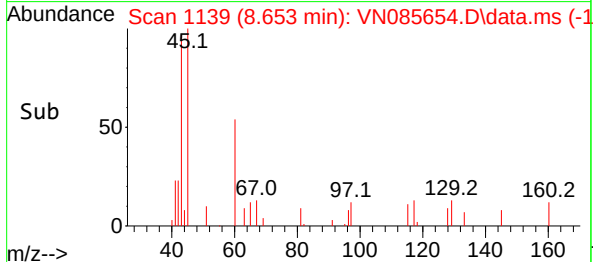
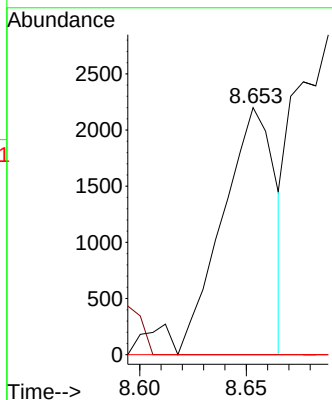
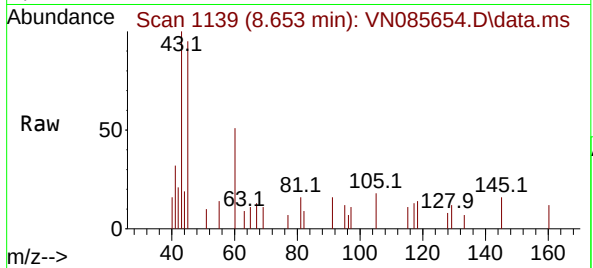




#43
Isopropyl Acetate
Concen: 0.597 ug/l
RT: 8.653 min Scan# 1144
Delta R.T. -0.029 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

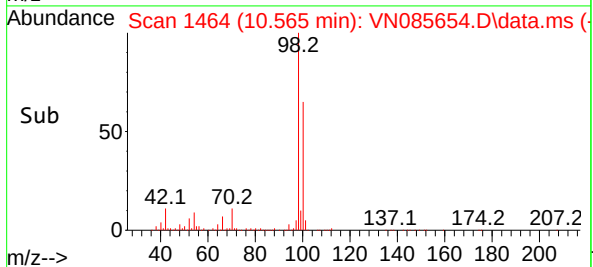
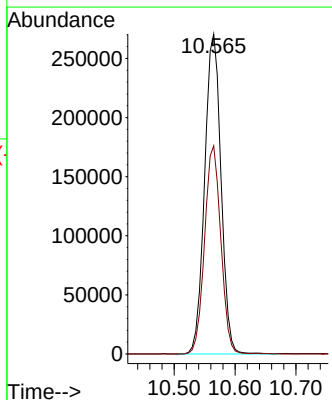
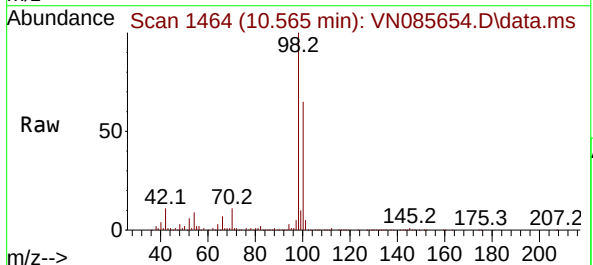
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

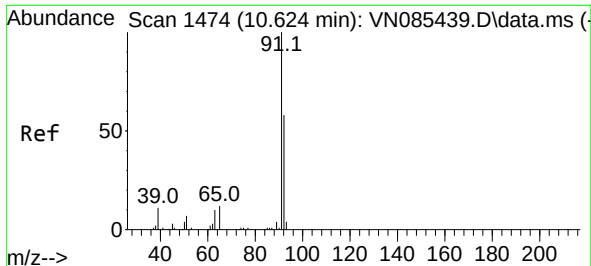
Tgt Ion: 43 Resp: 3794
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#



#50
Toluene-d8
Concen: 50.888 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 98 Resp: 506321
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4

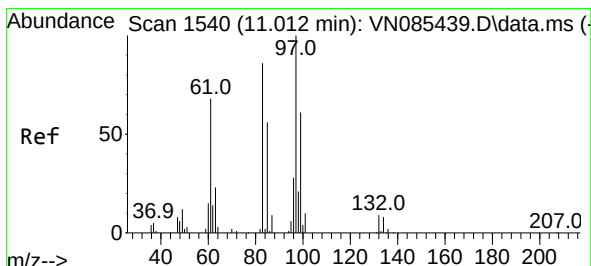
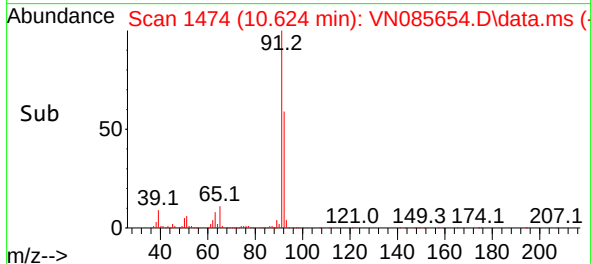
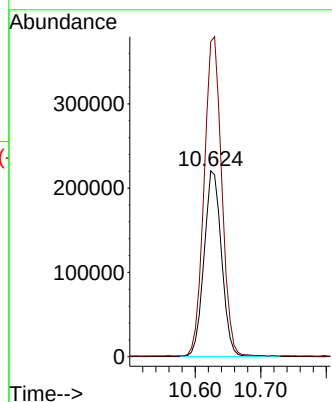
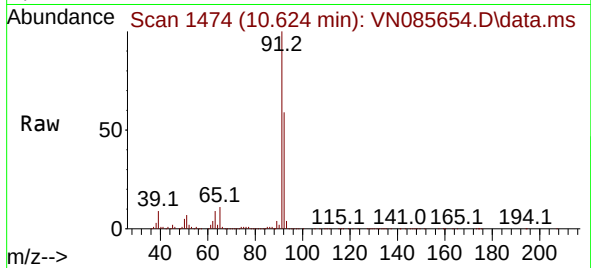




#52
Toluene
Concen: 59.605 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

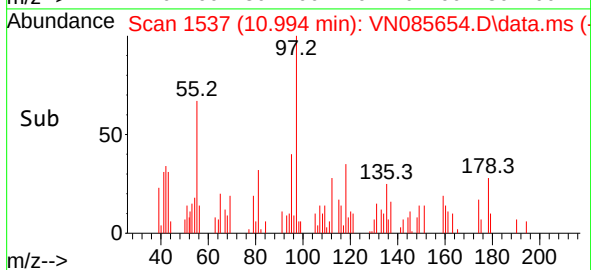
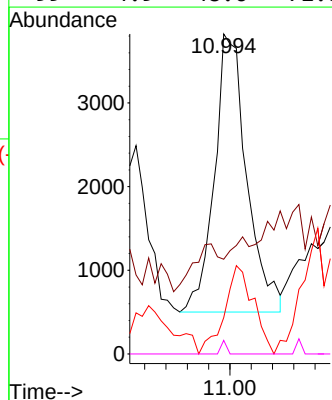
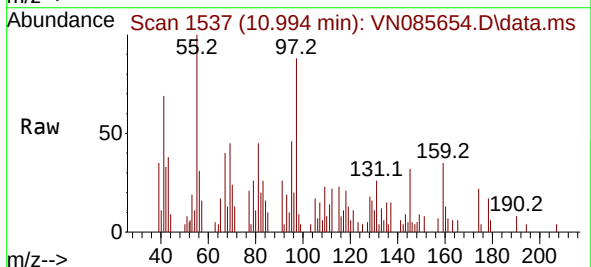
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

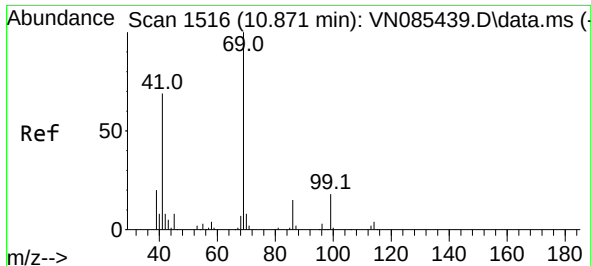
Tgt Ion: 92 Resp: 407848
Ion Ratio Lower Upper
92 100
91 173.2 139.2 208.8



#55
1,1,2-Trichloroethane
Concen: 2.585 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.018 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 97 Resp: 7001
Ion Ratio Lower Upper
97 100
83 9.1 69.0 103.6#
85 8.2 44.6 66.8#
99 4.9 48.6 72.8#

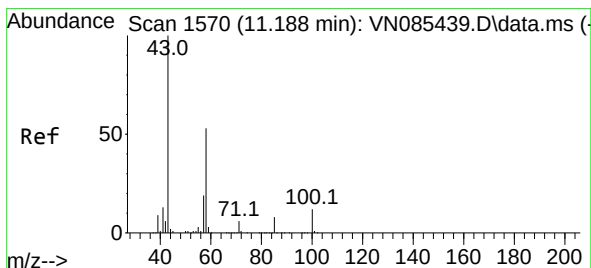
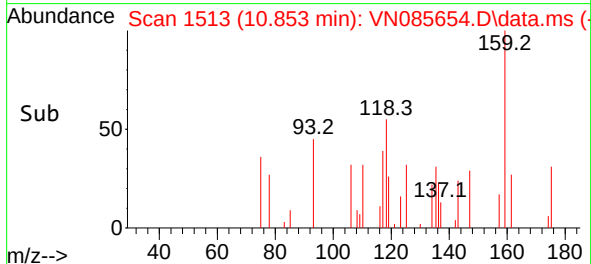
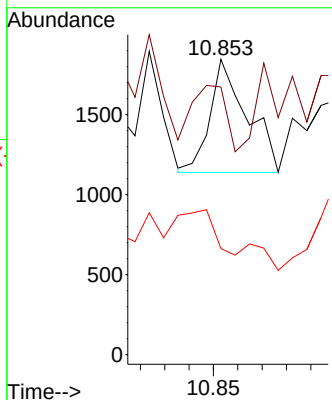
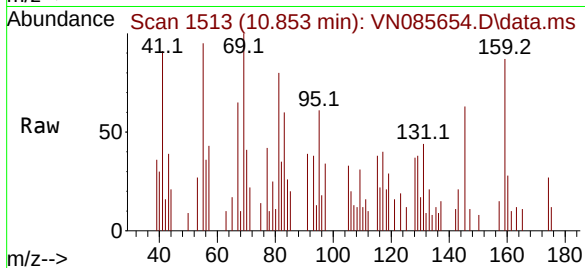




#56
Ethyl methacrylate
Concen: 2.088 ug/l
RT: 10.853 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

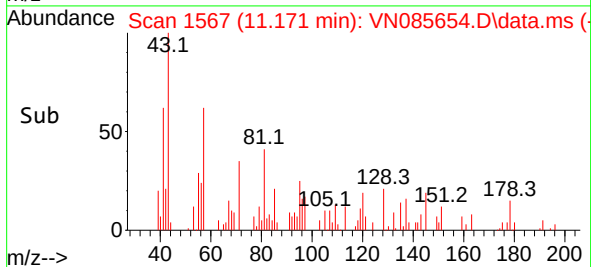
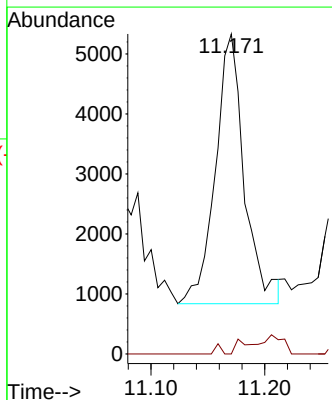
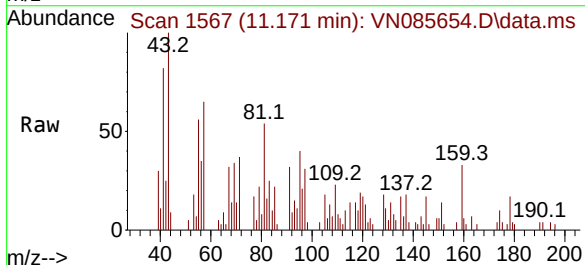
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

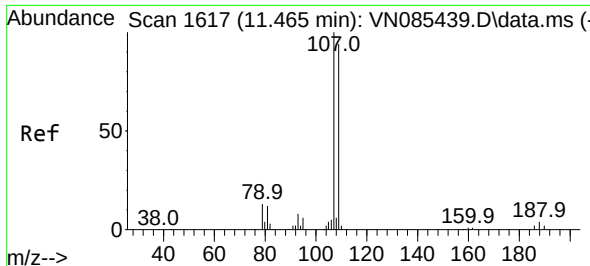
Tgt Ion: 69 Resp: 746
Ion Ratio Lower Upper
69 100
41 53.5 54.6 82.0#
39 0.0 32.4 48.6#



#59
2-Hexanone
Concen: 3.067 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.018 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 43 Resp: 7959
Ion Ratio Lower Upper
43 100
58 2.5 26.2 78.6#

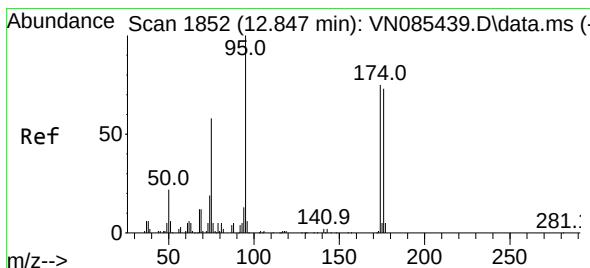
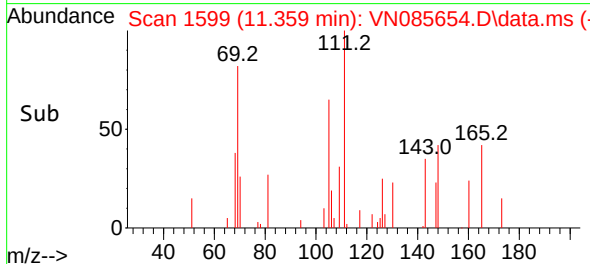
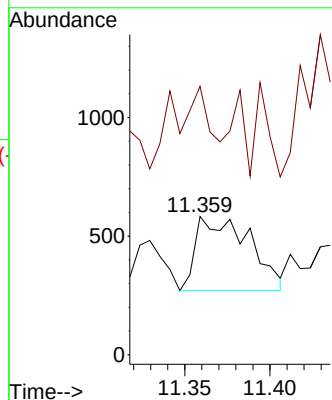
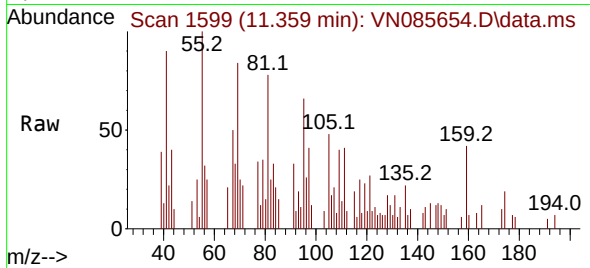




#61
1,2-Dibromoethane
Concen: 0.252 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.106 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

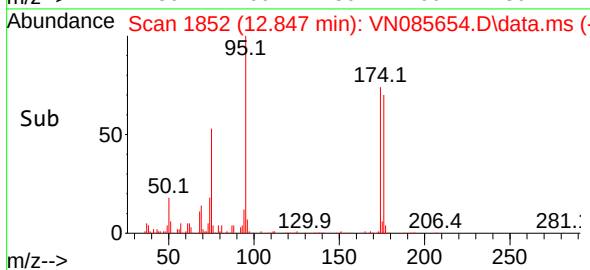
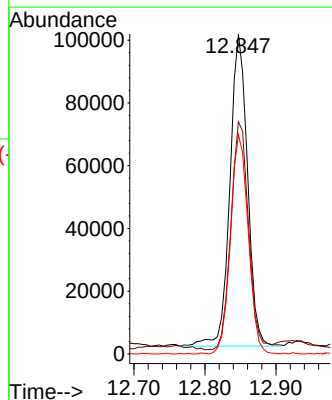
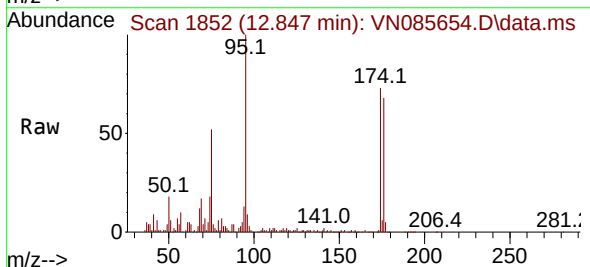
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

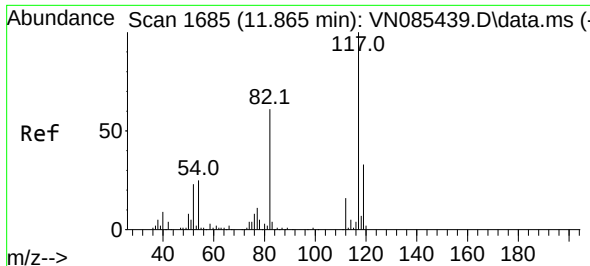
Tgt Ion:107 Resp: 680
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 95 Resp: 171492
Ion Ratio Lower Upper
95 100
174 73.1 0.0 145.0
176 70.6 0.0 142.4

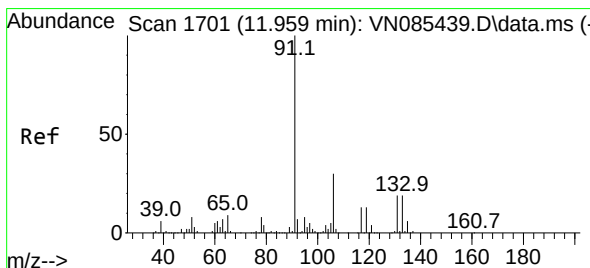
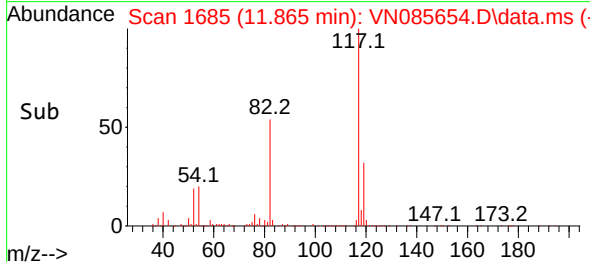
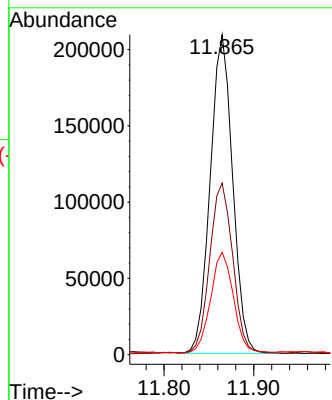
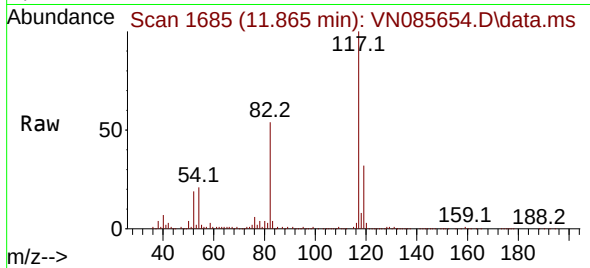




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

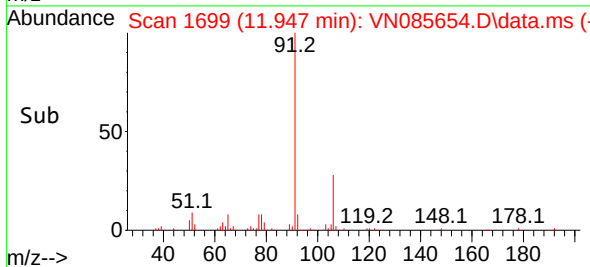
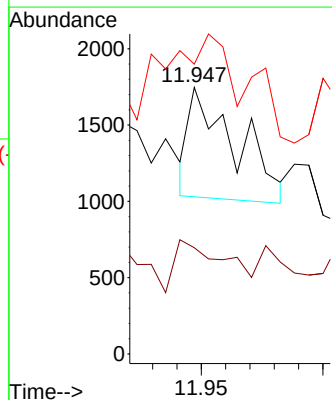
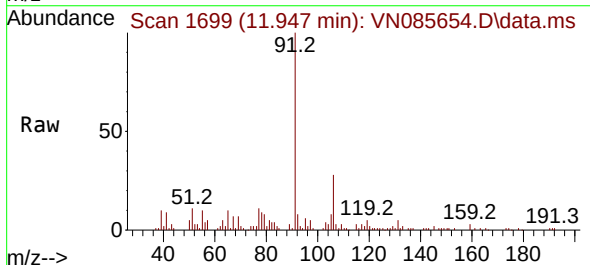
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

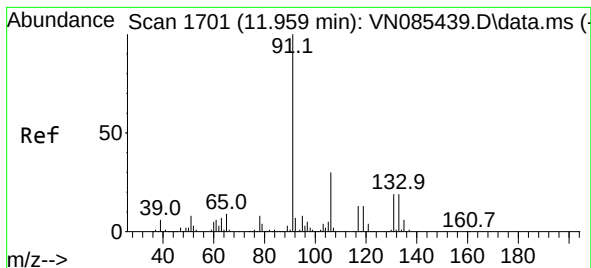
Tgt Ion:117 Resp: 363163
Ion Ratio Lower Upper
117 100
82 53.3 48.6 72.8
119 31.6 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.332 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. -0.012 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:131 Resp: 969
Ion Ratio Lower Upper
131 100
133 51.3 47.4 142.3
119 0.0 33.1 99.5#





#67

Ethyl Benzene

Concen: 10.307 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

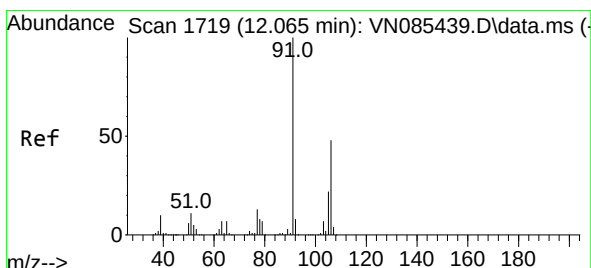
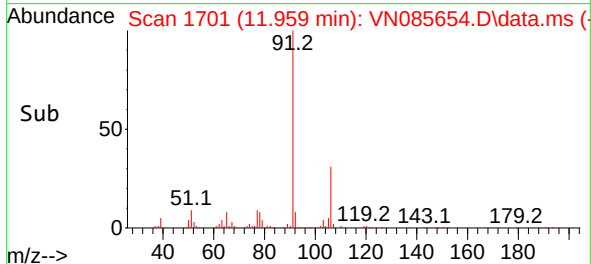
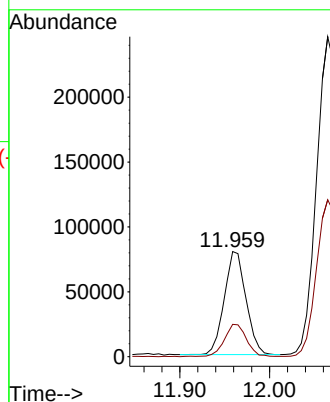
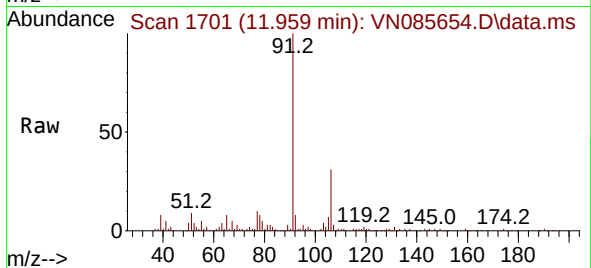
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Tgt Ion: 91 Resp: 133551

Ion Ratio Lower Upper

91 100

106 31.4 23.8 35.8



#68

m/p-Xylenes

Concen: 48.239 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085654.D

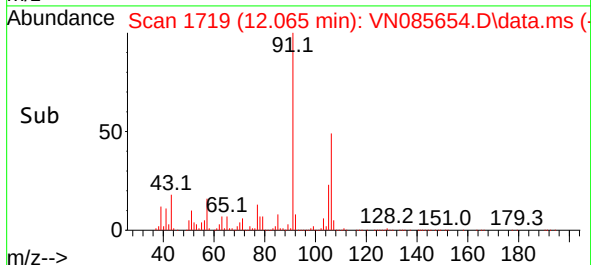
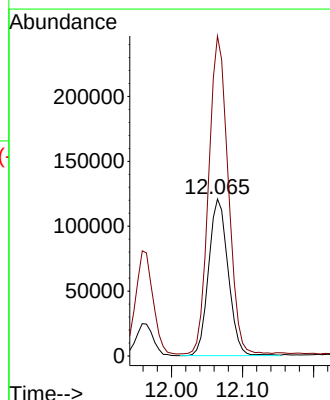
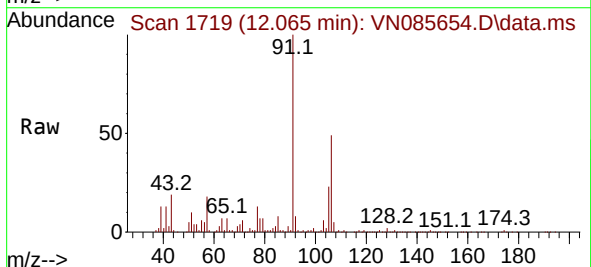
Acq: 04 Feb 2025 16:13

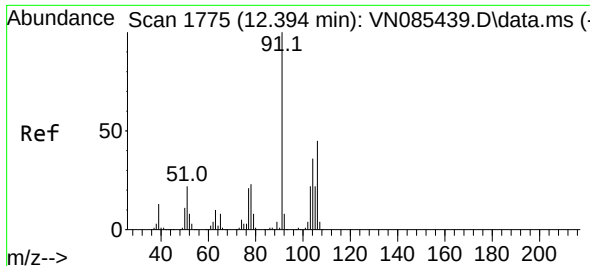
Tgt Ion: 106 Resp: 231016

Ion Ratio Lower Upper

106 100

91 201.2 167.7 251.5

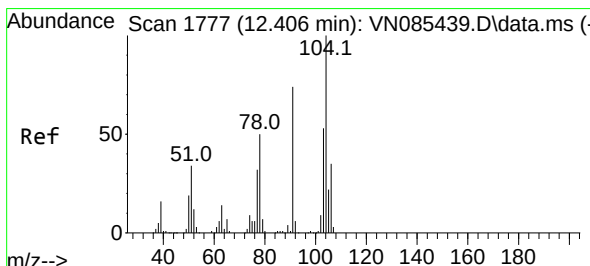
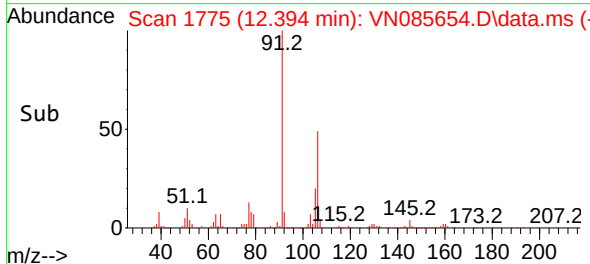
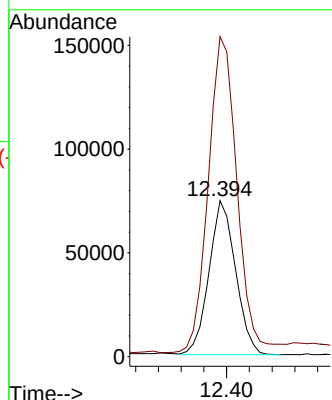
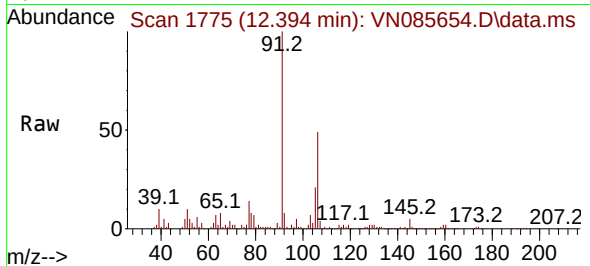




#69
o-Xylene
Concen: 26.421 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

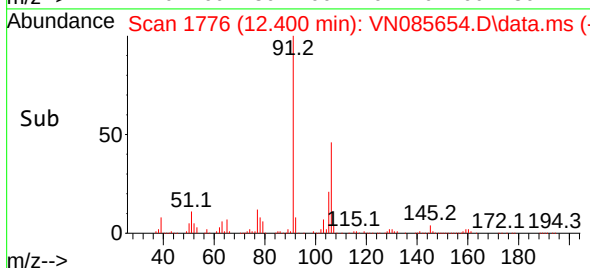
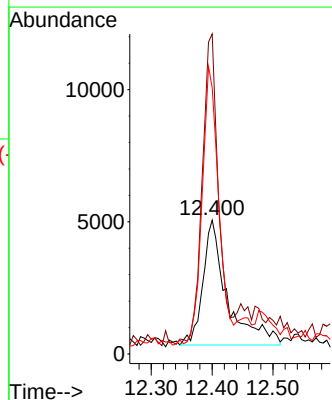
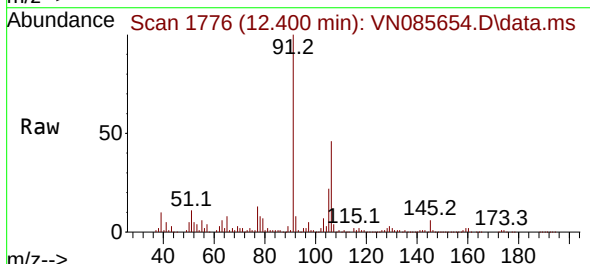
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

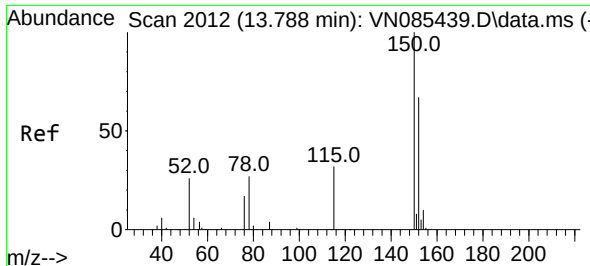
Tgt Ion:106 Resp: 120922
Ion Ratio Lower Upper
106 100
91 221.2 110.4 331.2



#70
Styrene
Concen: 1.753 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:104 Resp: 13274
Ion Ratio Lower Upper
104 100
78 163.9 42.5 63.7#
103 151.2 43.8 65.8#

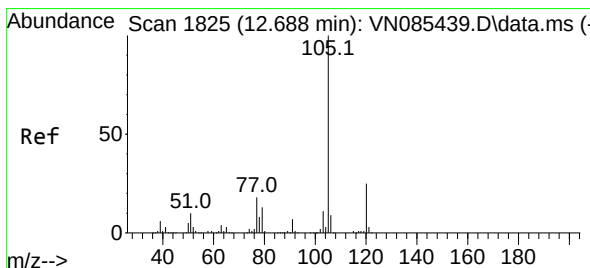
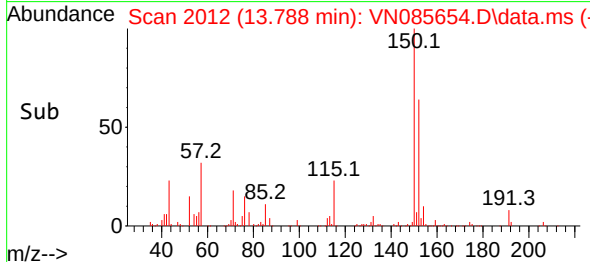
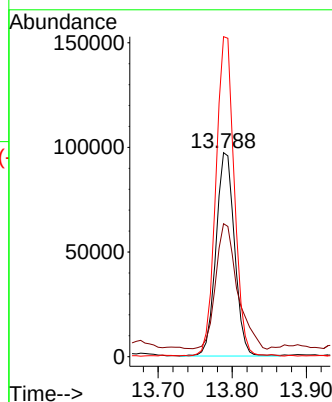
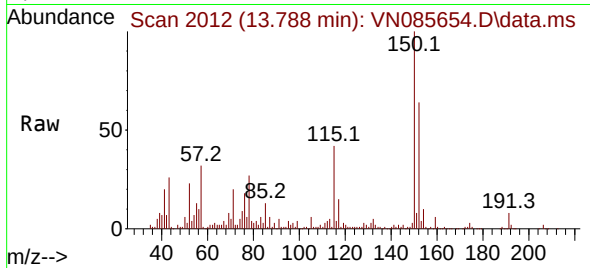




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085654.D
 Acq: 04 Feb 2025 16:13

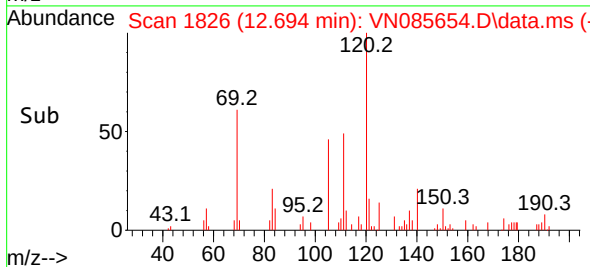
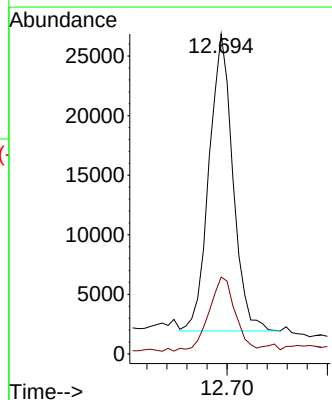
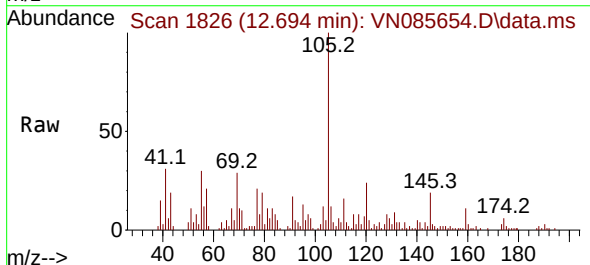
Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0015

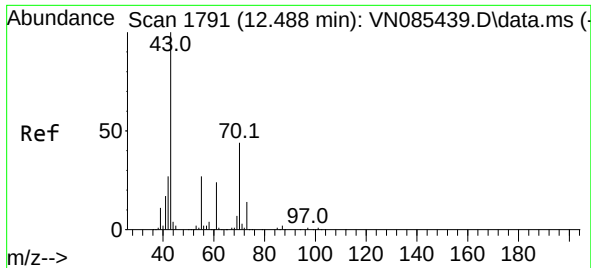
Tgt Ion:152 Resp: 169266
 Ion Ratio Lower Upper
 152 100
 115 72.4 31.1 93.3
 150 155.6 0.0 343.6



#73
 Isopropylbenzene
 Concen: 3.588 ug/l
 RT: 12.694 min Scan# 1826
 Delta R.T. 0.006 min
 Lab File: VN085654.D
 Acq: 04 Feb 2025 16:13

Tgt Ion:105 Resp: 40987
 Ion Ratio Lower Upper
 105 100
 120 27.7 12.8 38.3



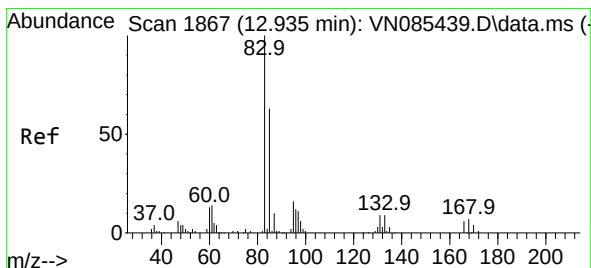
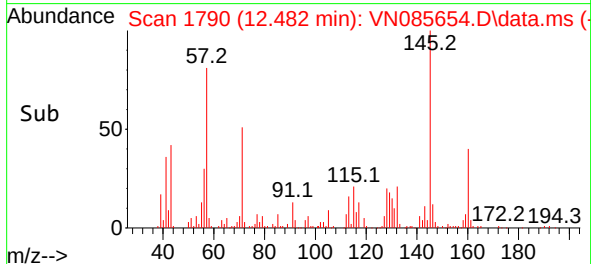
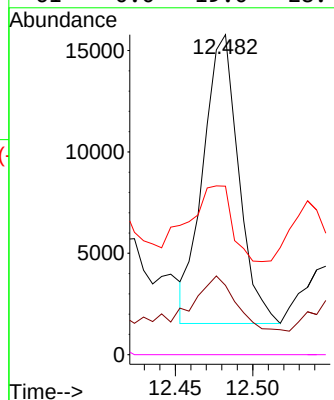
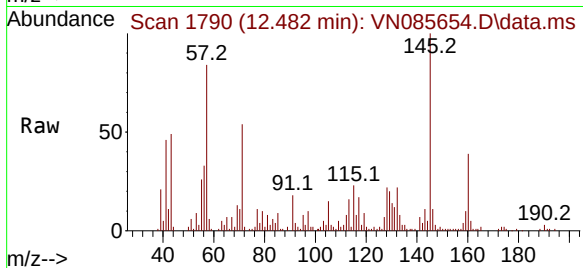


#74
N-amy1 acetate
Concen: 4.410 ug/l
RT: 12.482 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion: 43 Resp: 22646

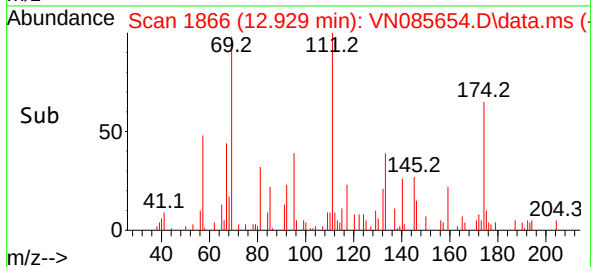
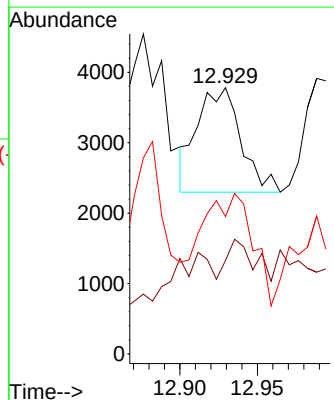
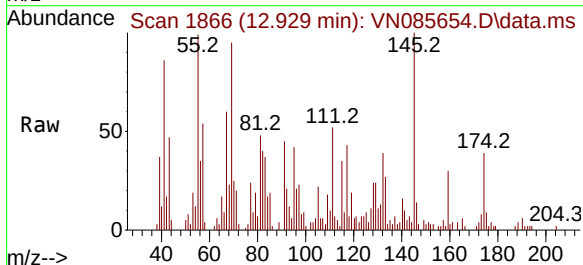
Ion	Ratio	Lower	Upper
43	100		
70	20.8	34.0	51.0#
55	31.9	21.4	32.2
61	0.0	19.0	28.4#

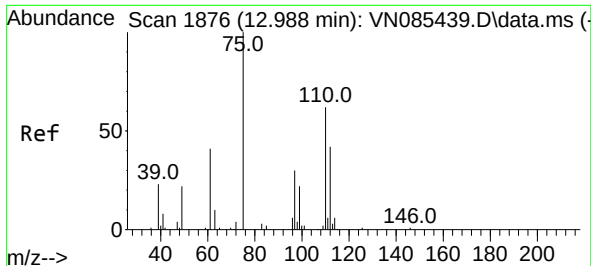


#75
1,1,2,2-Tetrachloroethane
Concen: 0.721 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 83 Resp: 2908

Ion	Ratio	Lower	Upper
83	100		
131	23.6	4.8	14.4#
85	126.3	32.2	96.6#

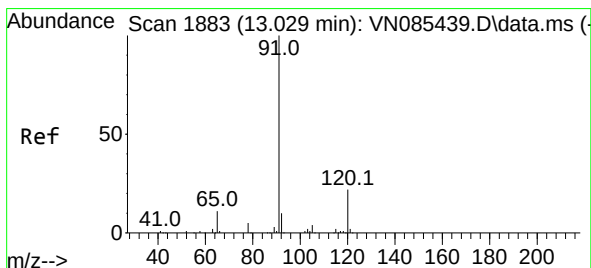
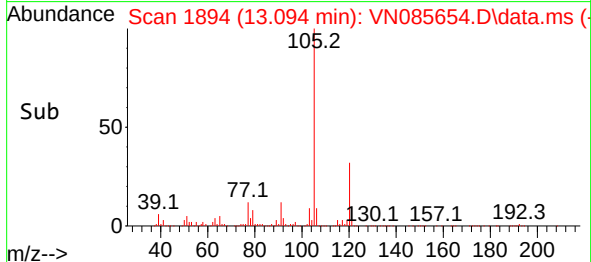
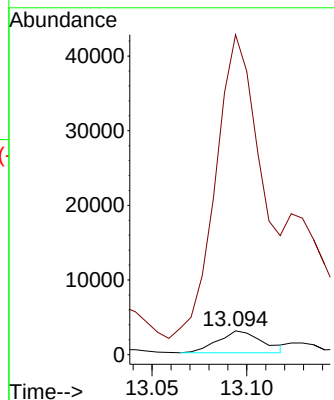
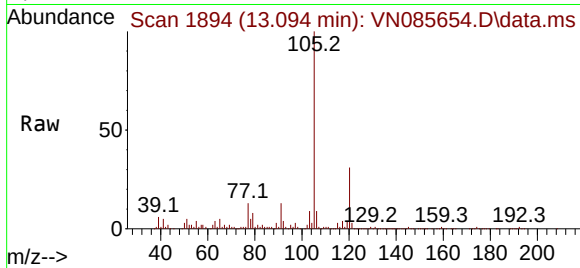




#76
1,2,3-Trichloropropane
Concen: 1.376 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. 0.106 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

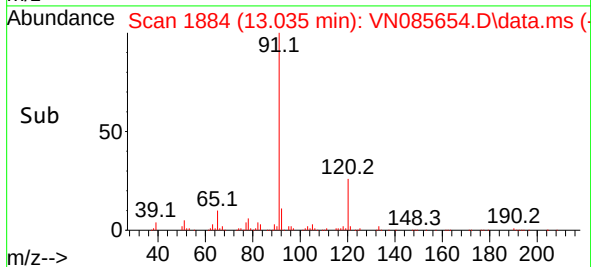
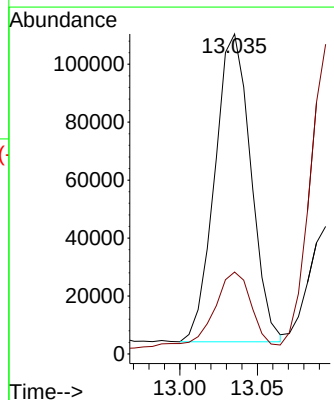
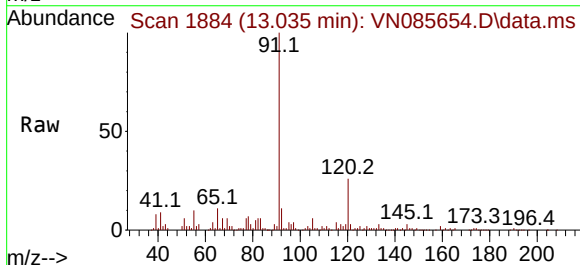
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

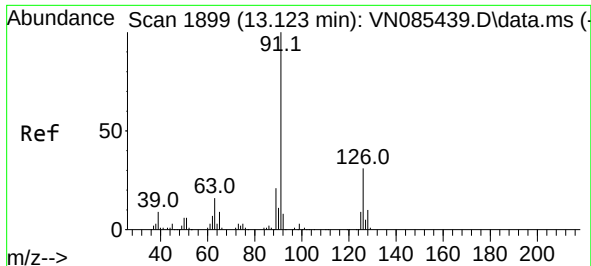
Tgt Ion: 75 Resp: 4734
Ion Ratio Lower Upper
75 100
77 1452.0 109.7 329.2#



#78
n-propylbenzene
Concen: 12.706 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 91 Resp: 171841
Ion Ratio Lower Upper
91 100
120 32.8 10.9 32.6#

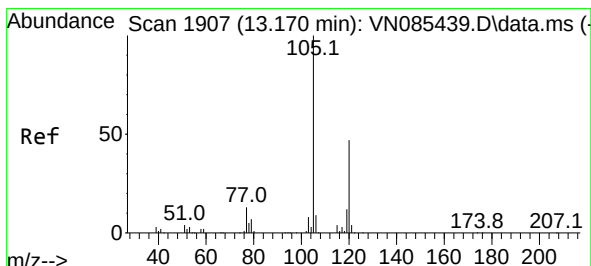
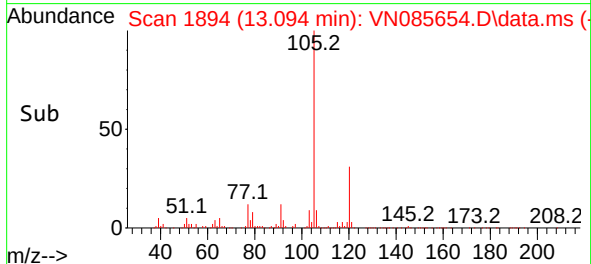
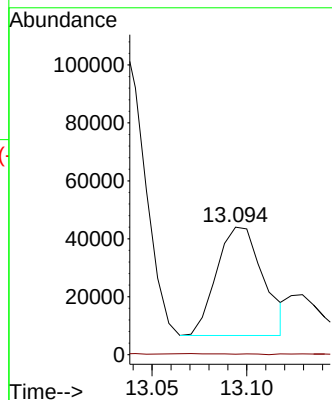
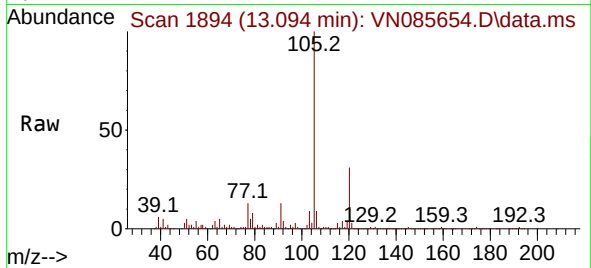




#79
2-Chlorotoluene
Concen: 7.338 ug/l
RT: 13.094 min Scan# 1899
Delta R.T. -0.029 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

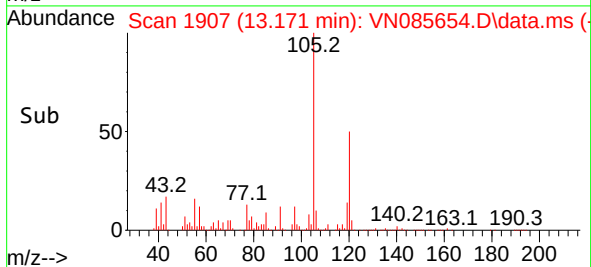
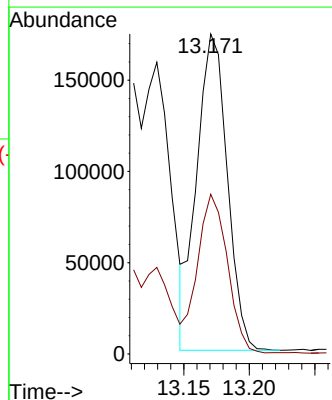
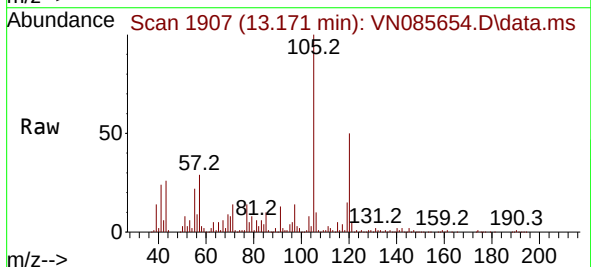
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

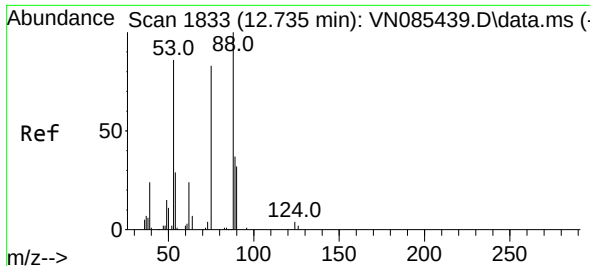
Tgt Ion: 91 Resp: 64232
Ion Ratio Lower Upper
91 100
126 0.0 15.7 47.1#



#80
1,3,5-Trimethylbenzene
Concen: 29.716 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 105 Resp: 280412
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

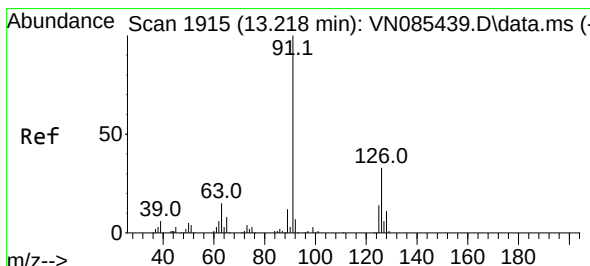
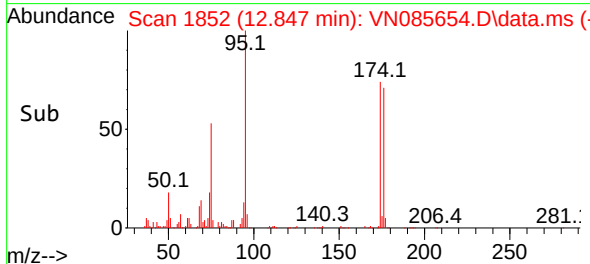
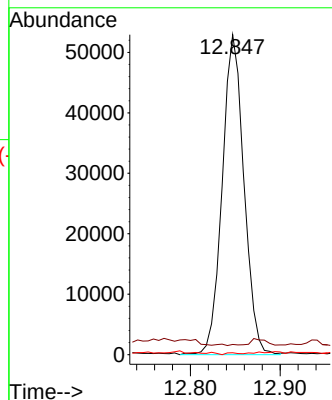
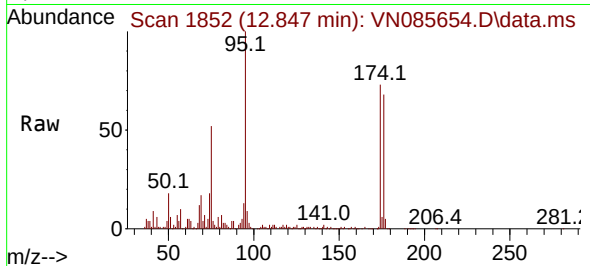




#81
trans-1,4-Dichloro-2-butene
Concen: 70.093 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

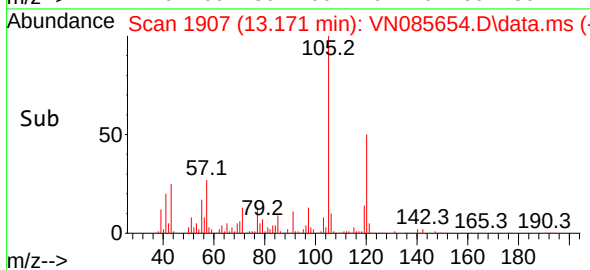
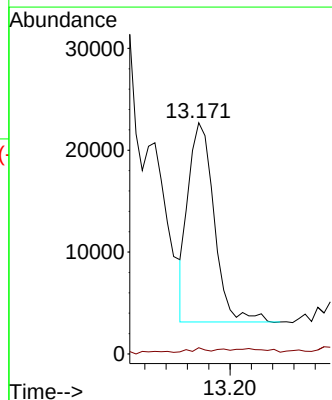
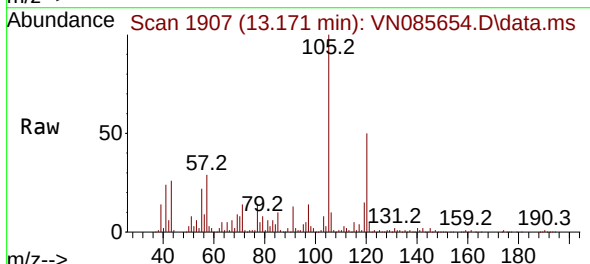
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

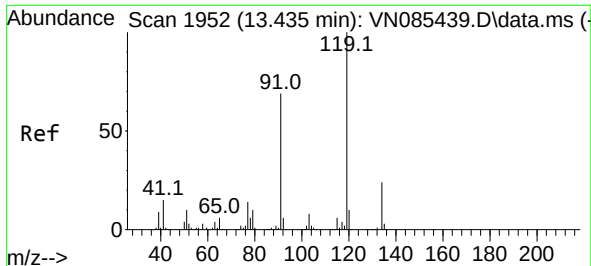
Tgt Ion: 75 Resp: 89129
Ion Ratio Lower Upper
75 100
53 0.0 95.6 143.4#
89 0.4 37.0 55.6#



#82
4-Chlorotoluene
Concen: 3.786 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.047 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 91 Resp: 32993
Ion Ratio Lower Upper
91 100
126 1.3 15.9 47.7#

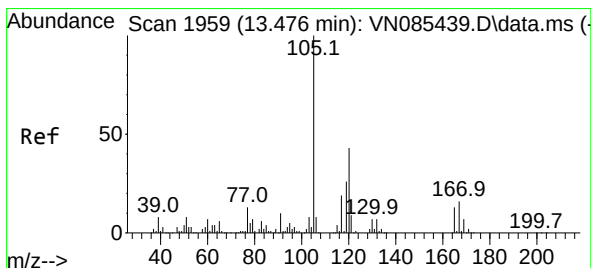
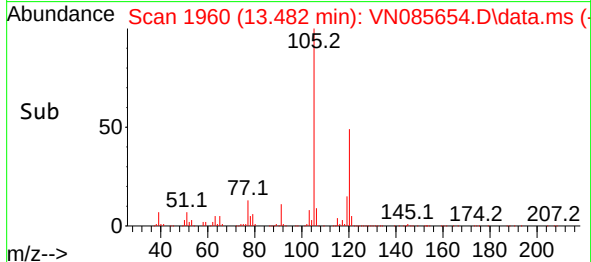
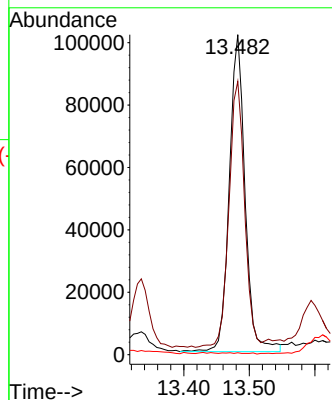
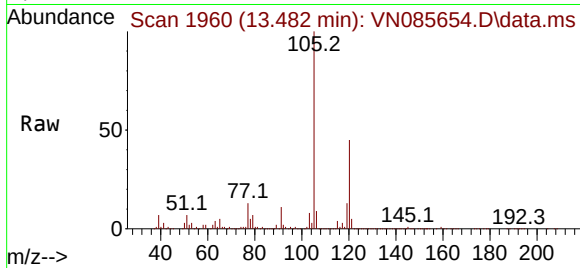




#83
tert-Butylbenzene
Concen: 21.422 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

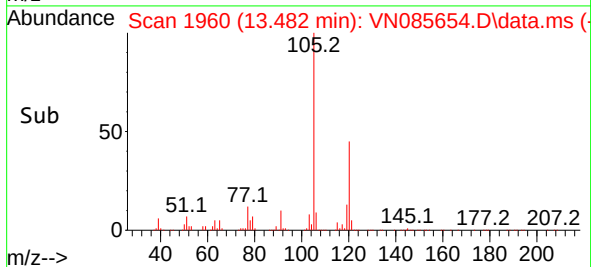
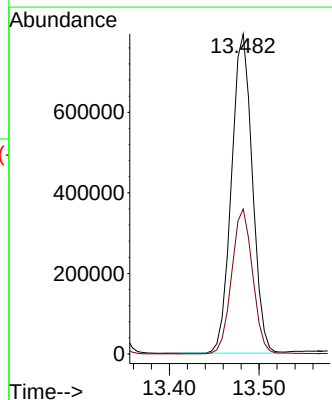
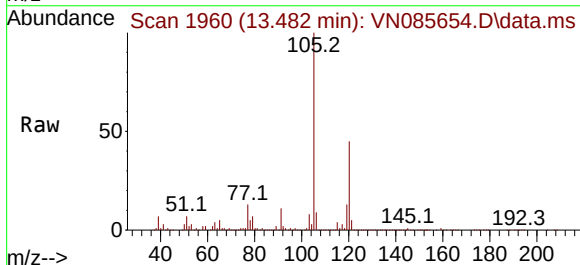
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

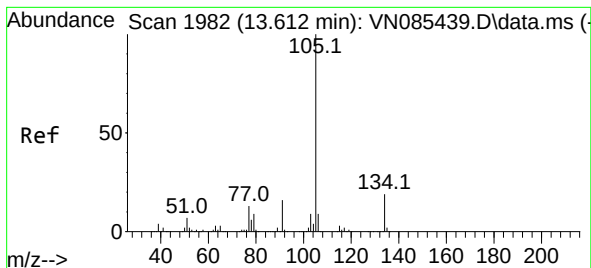
Tgt Ion:119 Resp: 169757
Ion Ratio Lower Upper
119 100
91 82.9 35.1 105.3
134 0.0 12.0 36.1#



#84
1,2,4-Trimethylbenzene
Concen: 135.901 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:105 Resp: 1278140
Ion Ratio Lower Upper
105 100
120 45.9 21.6 65.0





#85

sec-Butylbenzene

Concen: 5.162 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

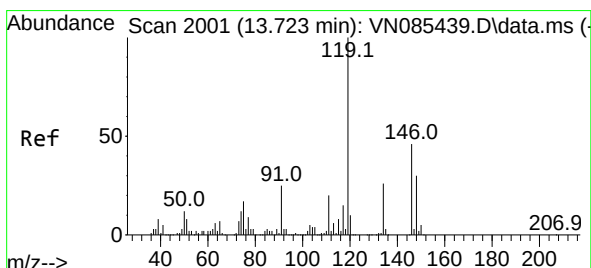
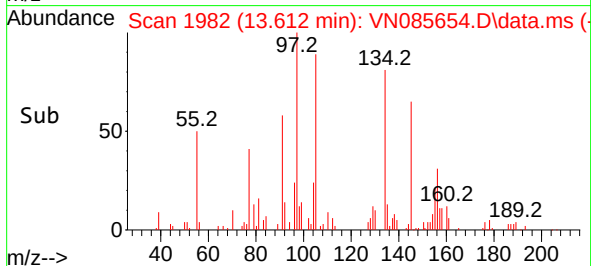
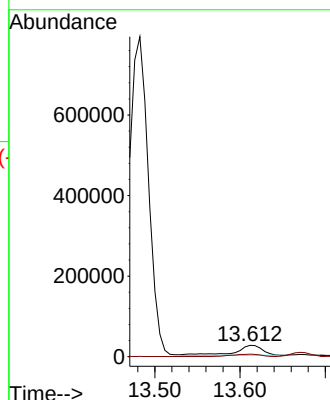
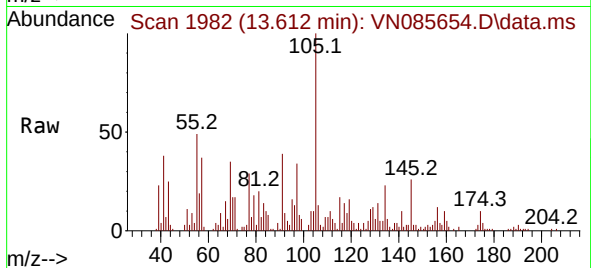
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Tgt Ion:105 Resp: 56697

Ion Ratio Lower Upper

105 100

134 23.8 9.7 28.9



#86

p-Isopropyltoluene

Concen: 3.354 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

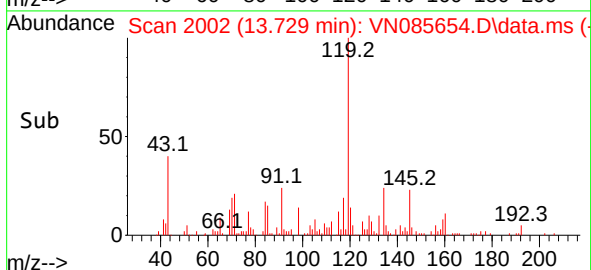
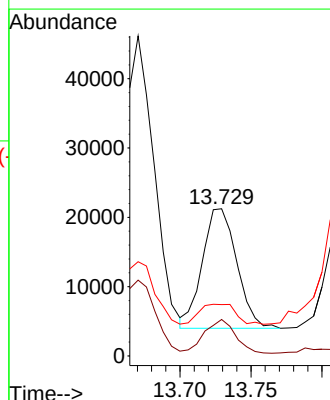
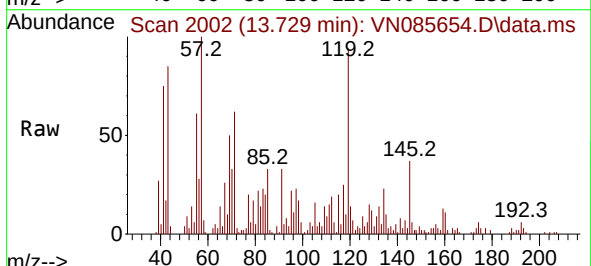
Tgt Ion:119 Resp: 29172

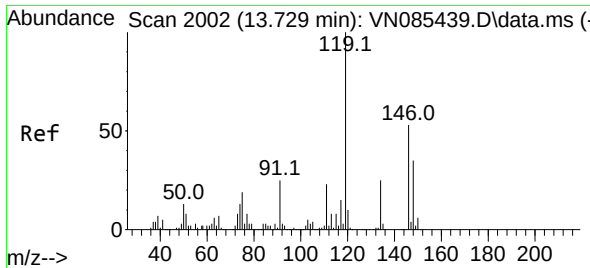
Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.0

91 17.5 12.7 38.1

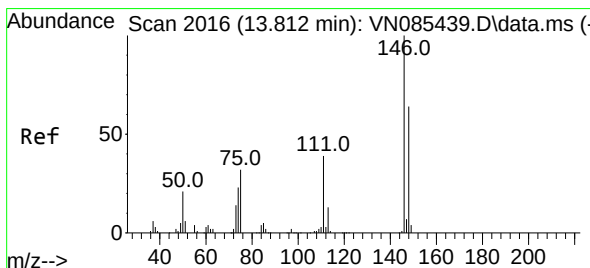
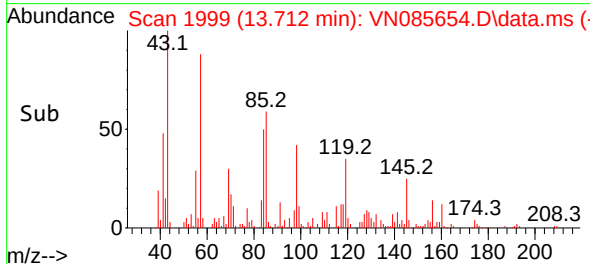
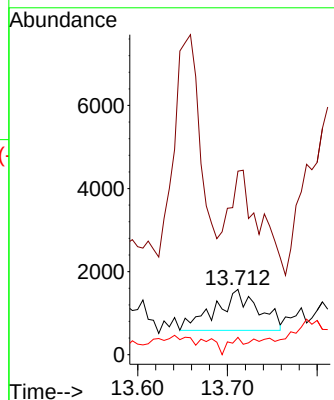
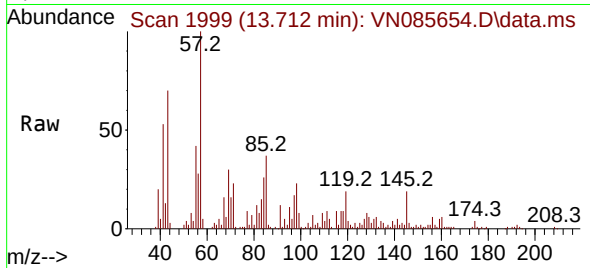




#87
1,3-Dichlorobenzene
Concen: 0.595 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.018 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

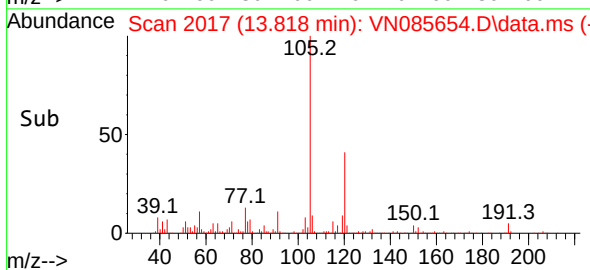
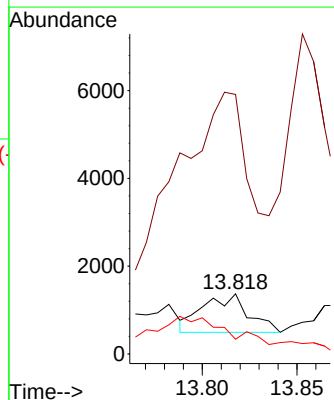
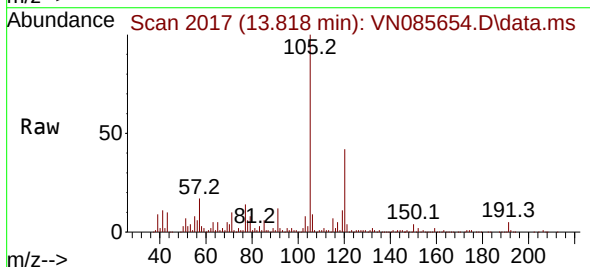
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

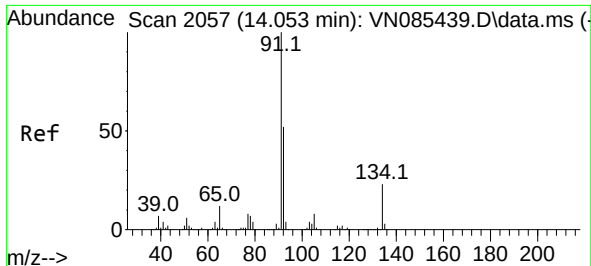
Tgt Ion:146 Resp: 3270
Ion Ratio Lower Upper
146 100
111 71.6 21.4 64.3#
148 13.5 32.3 96.9#



#88
1,4-Dichlorobenzene
Concen: 0.256 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:146 Resp: 1460
Ion Ratio Lower Upper
146 100
111 688.9 21.3 63.7#
148 0.0 32.4 97.0#

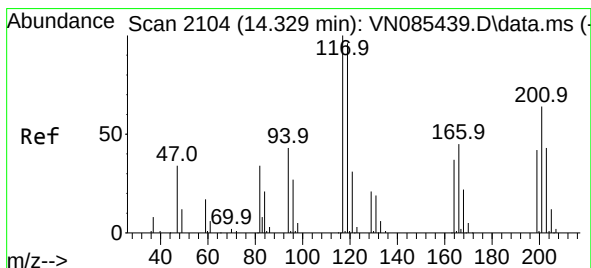
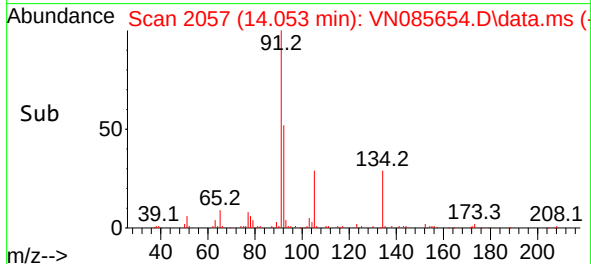
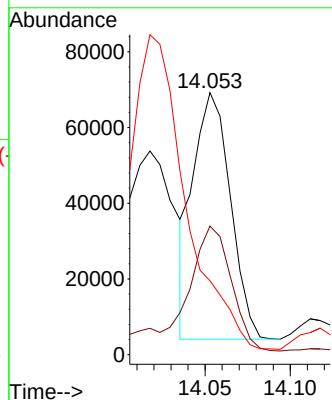
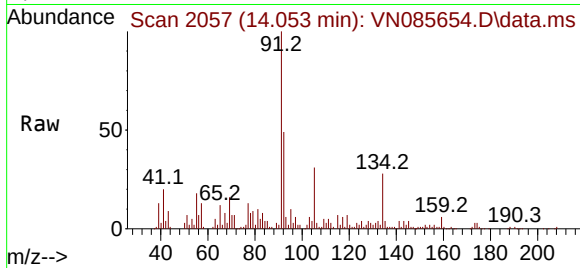




#89
n-Butylbenzene
Concen: 12.514 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

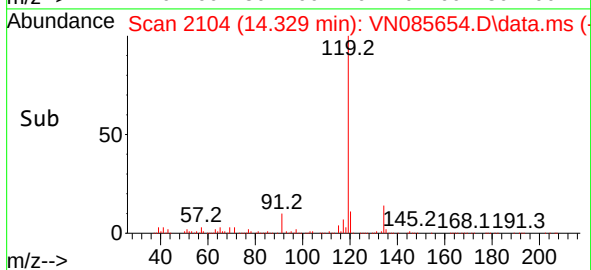
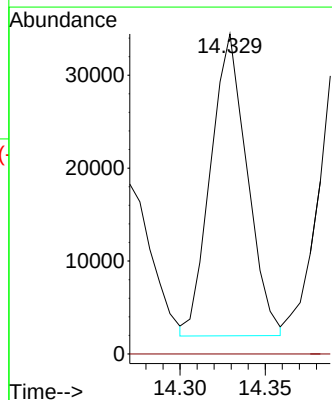
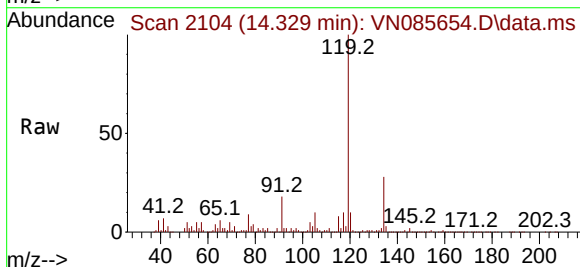
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

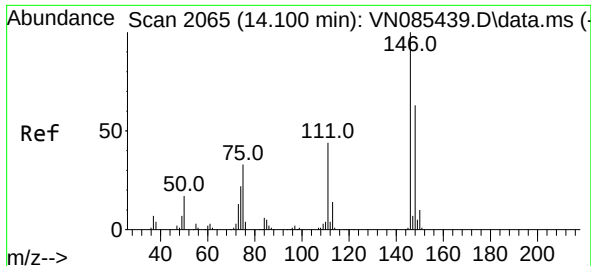
Tgt Ion: 91 Resp: 98601
Ion Ratio Lower Upper
91 100
92 56.9 25.8 77.3
134 0.0 11.7 35.1#



#90
Hexachloroethane
Concen: 23.113 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion: 117 Resp: 48325
Ion Ratio Lower Upper
117 100
201 0.0 33.7 101.0#





#91

1,2-Dichlorobenzene

Concen: 0.226 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

Instrument :

MSVOA_N

ClientSampleId :

LAW-25-0015

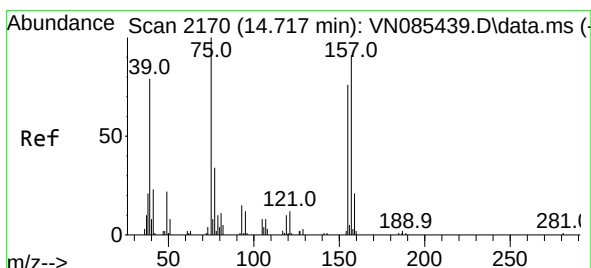
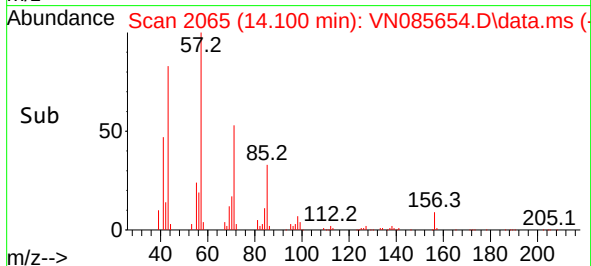
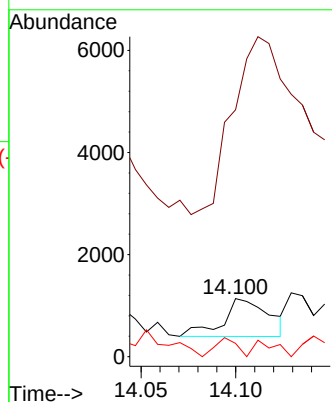
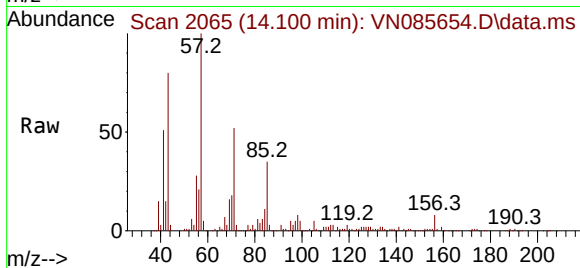
Tgt Ion:146 Resp: 1241

Ion Ratio Lower Upper

146 100

111 0.0 21.7 65.1#

148 23.0 31.4 94.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.012 ug/l

RT: 14.735 min Scan# 2173

Delta R.T. 0.018 min

Lab File: VN085654.D

Acq: 04 Feb 2025 16:13

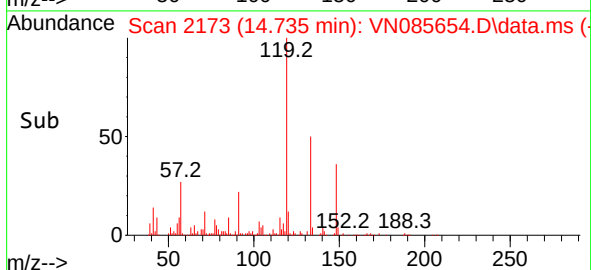
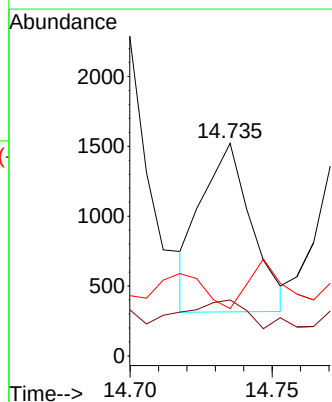
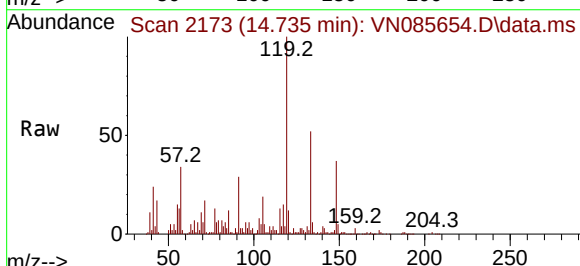
Tgt Ion: 75 Resp: 1483

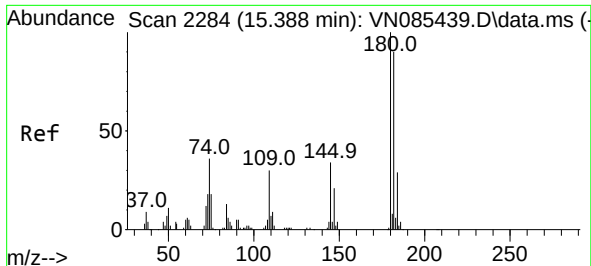
Ion Ratio Lower Upper

75 100

155 18.3 36.4 109.2#

157 0.0 45.4 136.1#

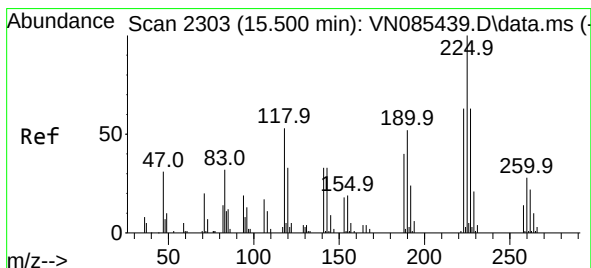
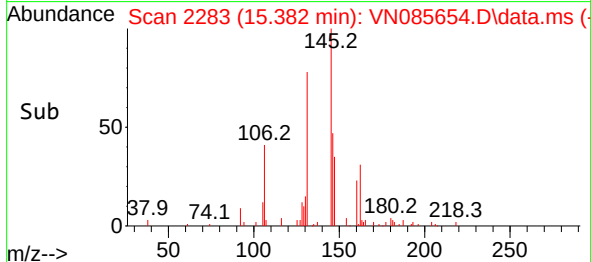
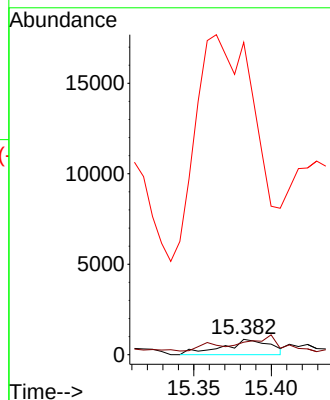
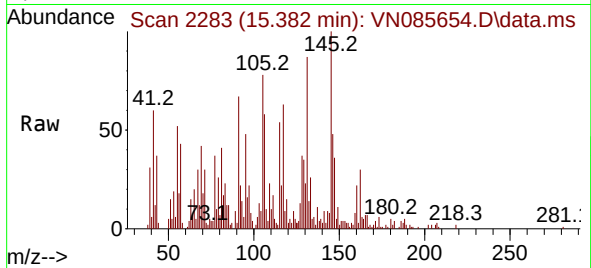




#93
1,2,4-Trichlorobenzene
Concen: 0.706 ug/l
RT: 15.382 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

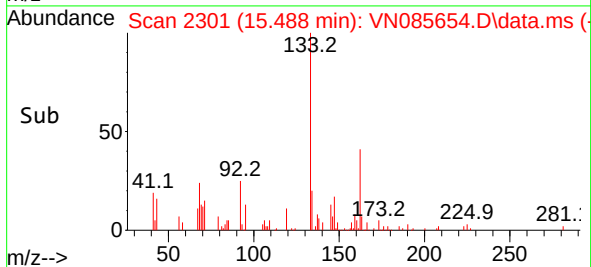
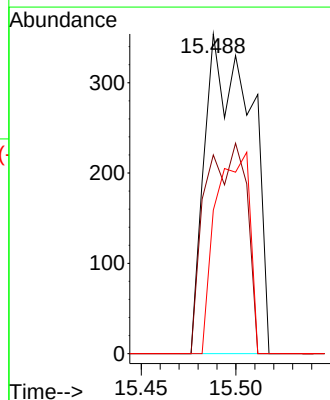
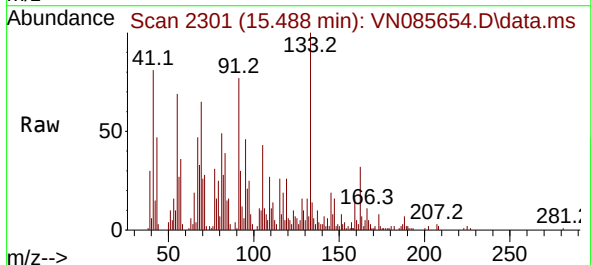
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

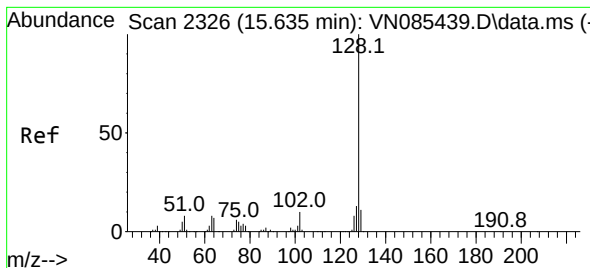
Tgt Ion:180 Resp: 1799
Ion Ratio Lower Upper
180 100
182 75.7 46.8 140.3
145 0.0 16.0 48.0#



#94
Hexachlorobutadiene
Concen: 0.441 ug/l
RT: 15.488 min Scan# 2301
Delta R.T. -0.012 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:225 Resp: 596
Ion Ratio Lower Upper
225 100
223 59.2 30.7 92.1
227 46.6 30.9 92.5

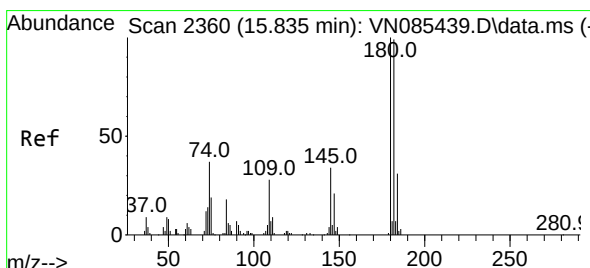
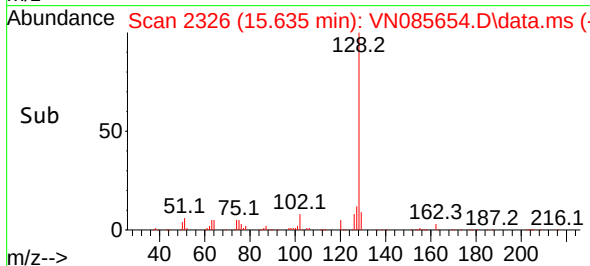
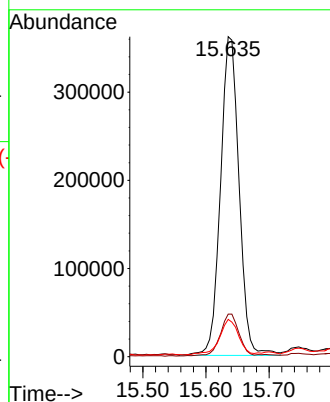
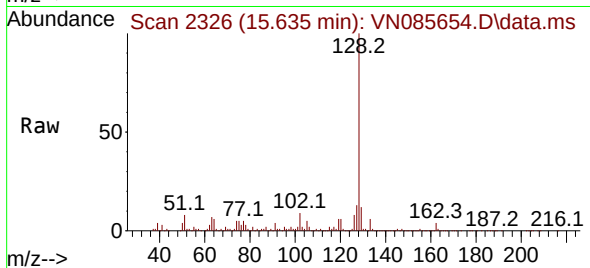




#95
Naphthalene
Concen: 97.198 ug/l
RT: 15.635 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0015

Tgt Ion:128 Resp: 739101
Ion Ratio Lower Upper
128 100
127 13.4 10.6 16.0
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.334 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.012 min
Lab File: VN085654.D
Acq: 04 Feb 2025 16:13

Tgt Ion:180 Resp: 860
Ion Ratio Lower Upper
180 100
182 184.2 47.4 142.2#
145 4672.2 16.9 50.7#

