

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087984.D
 Acq On : 29 Sep 2025 15:50
 Operator : JC\MD
 Sample : Q3188-01
 Misc : 1.14g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4135

Quant Time: Sep 30 03:56:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	209276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	416295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	403794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	206750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	171872	48.800	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.600%		
35) Dibromofluoromethane	8.147	113	145368	48.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.180%		
50) Toluene-d8	10.547	98	527266	49.606	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.220%		
62) 4-Bromofluorobenzene	12.829	95	186939	49.203	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.400%		
Target Compounds						Qvalue
5) Bromomethane	2.965	94	688	0.438	ug/l	91
10) Methyl Iodide	4.553	142	3739	1.907	ug/l	92
11) Tert butyl alcohol	5.483	59	8634	17.020	ug/l #	74
13) Acrolein	4.177	56	184	0.283	ug/l	95
16) Acetone	4.436	43	54644	37.709	ug/l	97
18) Methyl Acetate	5.006	43	1199	0.331	ug/l #	81
20) Methylene Chloride	5.224	84	3838	1.309	ug/l #	67
25) 2-Butanone	7.471	43	3445	1.555	ug/l #	48
29) Tetrahydrofuran	7.841	42	812	0.573	ug/l #	32
31) Cyclohexane	8.194	56	206508	52.289	ug/l #	47
36) 1,1-Dichloropropene	8.200	75	18894	5.199	ug/l #	63
38) Carbon Tetrachloride	8.206	117	23256	5.576	ug/l #	19
39) Methylcyclohexane	9.571	83	55440	13.828	ug/l	97
40) Benzene	8.582	78	2449	0.204	ug/l #	85
41) Methacrylonitrile	7.983	41	18891	7.659	ug/l #	53
43) Isopropyl Acetate	8.677	43	91527	12.183	ug/l #	56
48) Methyl methacrylate	9.747	41	11933	3.430	ug/l #	61
51) 4-Methyl-2-Pentanone	10.324	43	18500	3.946	ug/l #	40
52) Toluene	10.606	92	17410146	2305.514	ug/l #	1
53) t-1,3-Dichloropropene	10.606	75	247837	51.853	ug/l #	1
55) 1,1,2-Trichloroethane	10.994	97	2176	0.709	ug/l #	41
56) Ethyl methacrylate	10.841	69	891	0.201	ug/l #	23
59) 2-Hexanone	11.147	43	2250	0.726	ug/l #	25
61) 1,2-Dibromoethane	11.488	107	795	0.245	ug/l	92
64) Tetrachloroethene	11.088	164	545	0.222	ug/l #	60
67) Ethyl Benzene	11.941	91	746105	52.035	ug/l	98
68) m/p-Xylenes	12.047	106	1364839	248.887	ug/l	99
69) o-Xylene	12.376	106	439336	83.388	ug/l	98
70) Styrene	12.376	104	25588	2.828	ug/l #	1
71) Bromoform	12.547	173	810	0.322	ug/l #	29
73) Isopropylbenzene	12.676	105	21690	1.693	ug/l	86
74) N-amyl acetate	12.459	43	6677	1.581	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.888	83	1925	0.417	ug/l #	18
76) 1,2,3-Trichloropropane	12.829	75	103438	25.380	ug/l #	1
78) n-propylbenzene	13.018	91	31725	1.980	ug/l	98
79) 2-Chlorotoluene	13.317	91	3594	0.368	ug/l	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087984.D
 Acq On : 29 Sep 2025 15:50
 Operator : JC\MD
 Sample : Q3188-01
 Misc : 1.14g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 4135

Quant Time: Sep 30 03:56:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

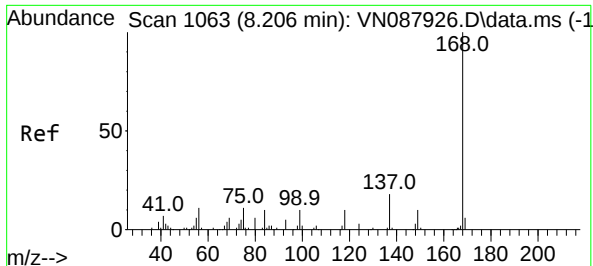
80) 1,3,5-Trimethylbenzene	13.153	105	33960	3.064	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.829	75	103438	70.478	ug/l #	10
84) 1,2,4-Trimethylbenzene	13.459	105	121239	10.664	ug/l	96
85) sec-Butylbenzene	13.594	105	19613	1.426	ug/l #	76
86) p-Isopropyltoluene	13.712	119	16131	1.385	ug/l	89
88) 1,4-Dichlorobenzene	13.794	146	1584	0.232	ug/l #	1
89) n-Butylbenzene	14.035	91	42345	3.846	ug/l #	82
90) Hexachloroethane	14.306	117	15937	6.549	ug/l #	18
91) 1,2-Dichlorobenzene	14.100	146	1901	0.296	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.694	75	395	0.368	ug/l	65
93) 1,2,4-Trichlorobenzene	15.364	180	1461	0.386	ug/l #	1
94) Hexachlorobutadiene	15.470	225	866	0.621	ug/l #	54
95) Naphthalene	15.611	128	94951	7.812	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.835	180	6670	1.812	ug/l #	30

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

Instrument :
MSVOA_N
ClientSampleId :
4135

Instrument :
MSVOA_N
ClientSampleId :
4135

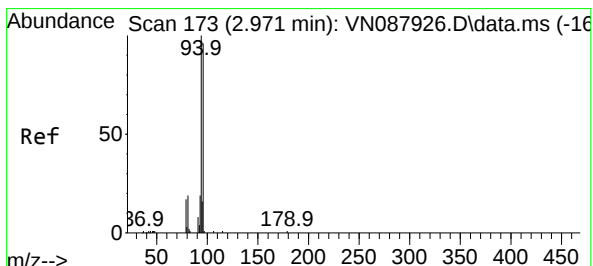
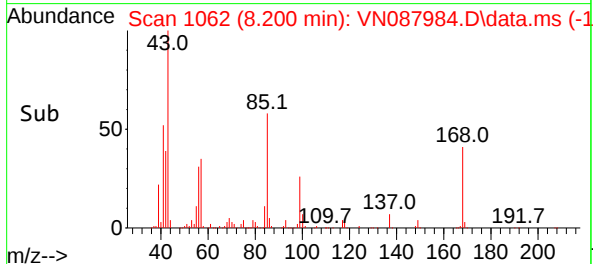
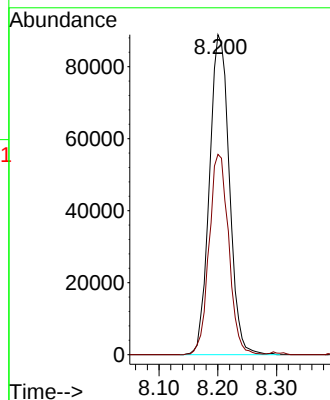
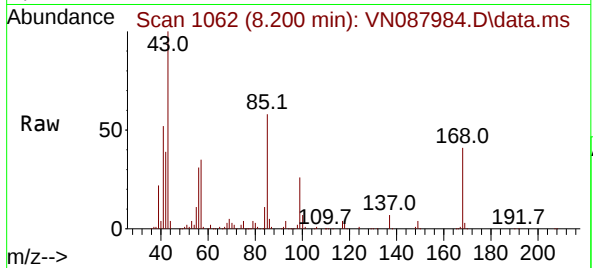




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

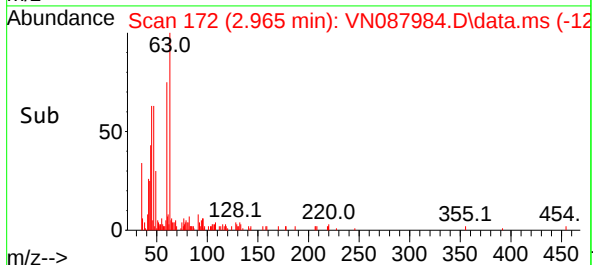
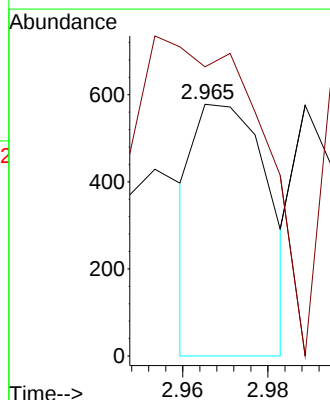
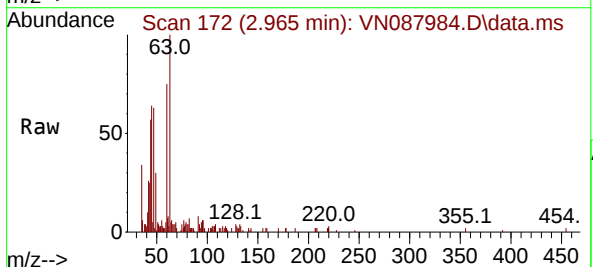
Instrument :
MSVOA_N
ClientSampleId :
4135

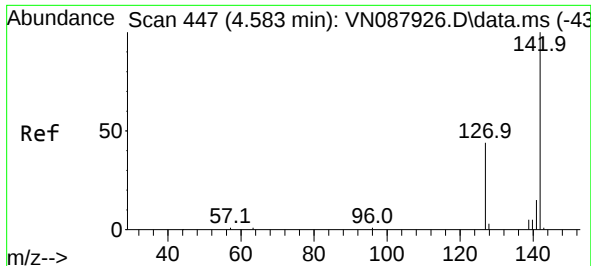
Tgt Ion:168 Resp: 209276
Ion Ratio Lower Upper
168 100
99 62.6 52.2 78.2



#5
Bromomethane
Concen: 0.438 ug/l
RT: 2.965 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

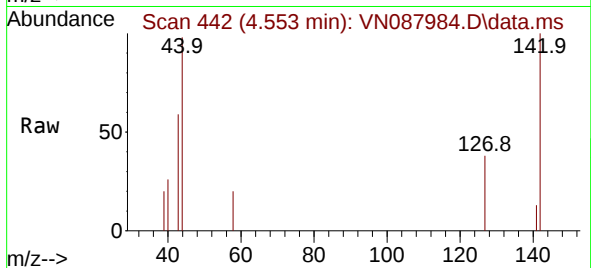
Tgt Ion: 94 Resp: 688
Ion Ratio Lower Upper
94 100
96 86.8 76.8 115.2



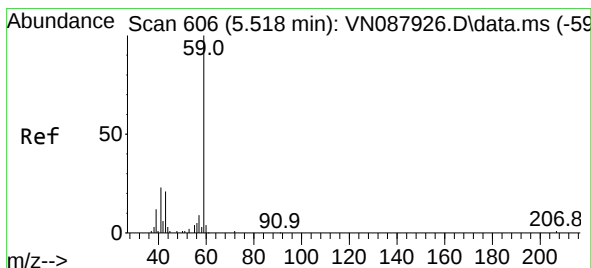
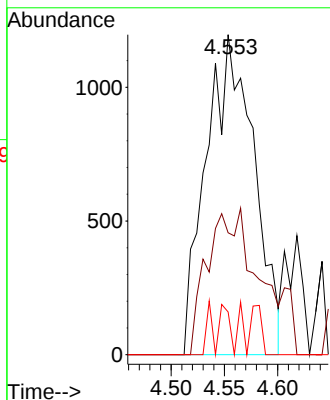
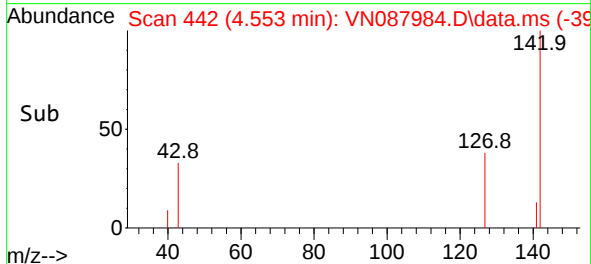


#10
Methyl Iodide
Concen: 1.907 ug/l
RT: 4.553 min Scan# 447
Delta R.T. -0.029 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Instrument :
MSVOA_N
ClientSampleId :
4135

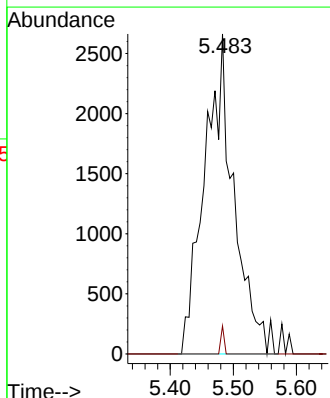
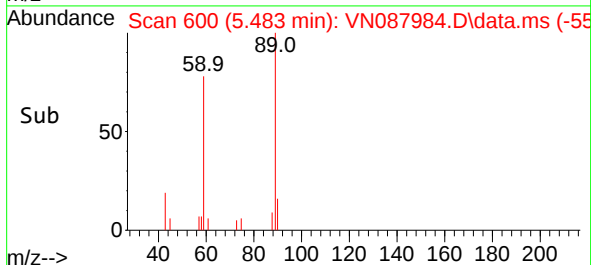
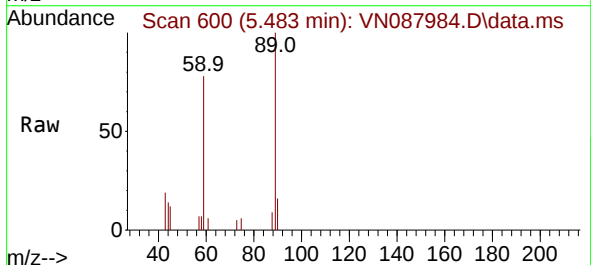


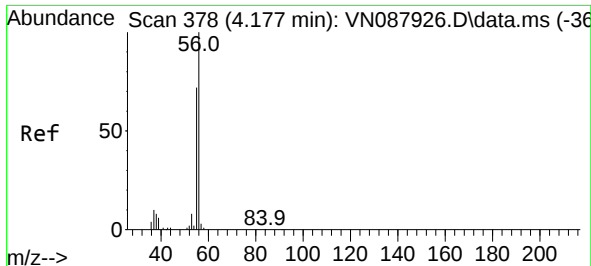
Tgt Ion:	142	Resp:	3739
Ion	Ratio	Lower	Upper
142	100		
127	38.1	35.3	52.9
141	13.4	11.8	17.8



#11
Tert butyl alcohol
Concen: 17.020 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.035 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:	59	Resp:	8634
Ion	Ratio	Lower	Upper
59	100		
57	0.9	8.8	13.2#

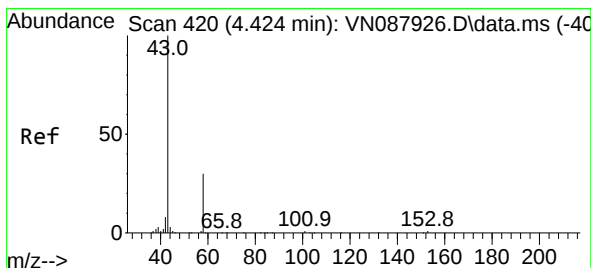
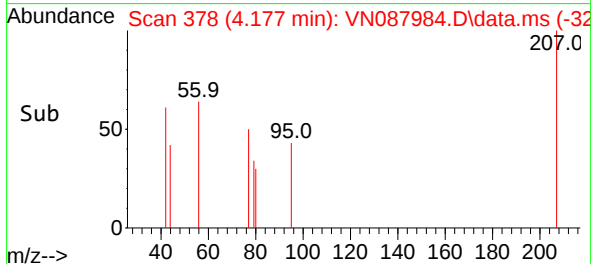
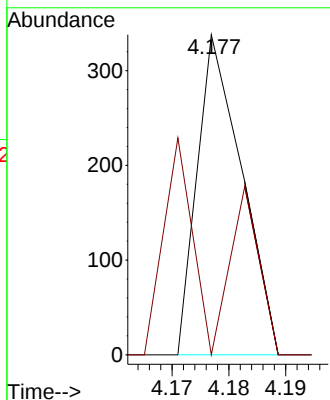
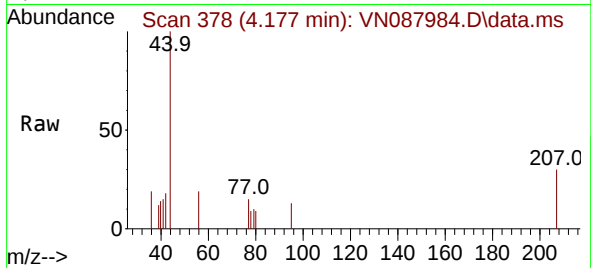




#13
Acrolein
Concen: 0.283 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

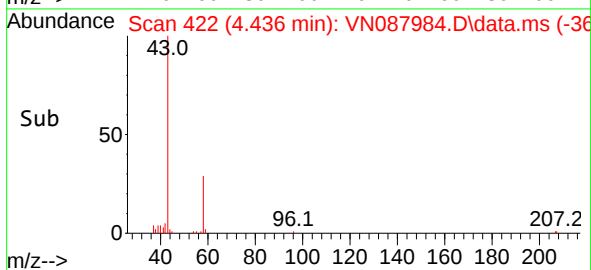
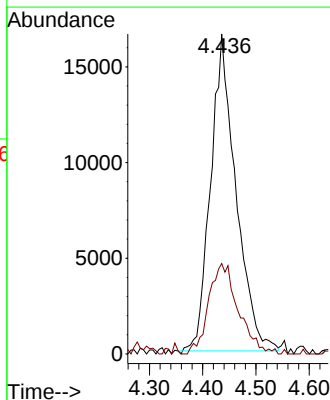
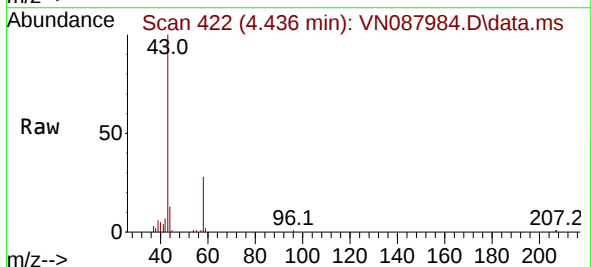
Instrument :
MSVOA_N
ClientSampleId :
4135

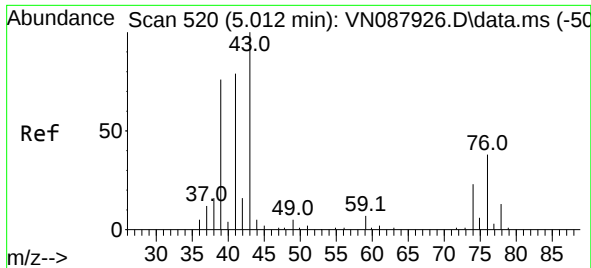
Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 78.3 59.3 88.9



#16
Acetone
Concen: 37.709 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 43 Resp: 54644
Ion Ratio Lower Upper
43 100
58 28.5 24.1 36.1

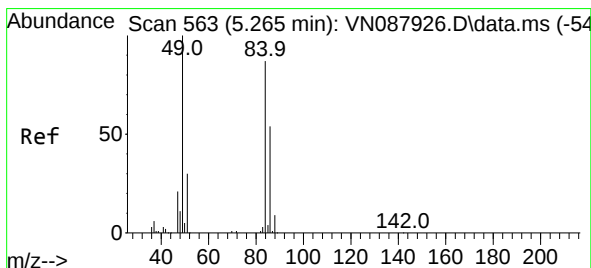
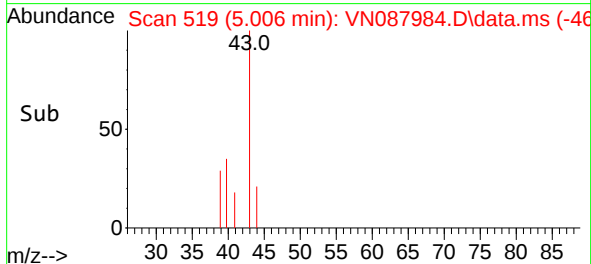
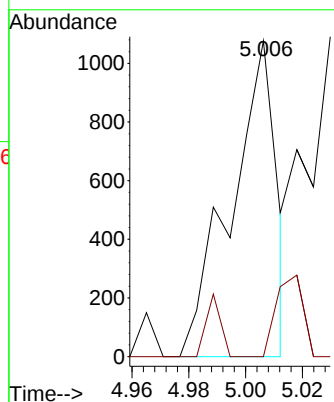
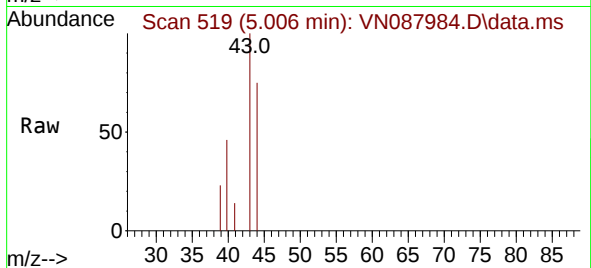




#18
Methyl Acetate
Concen: 0.331 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

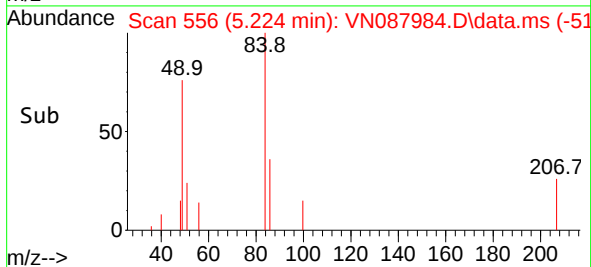
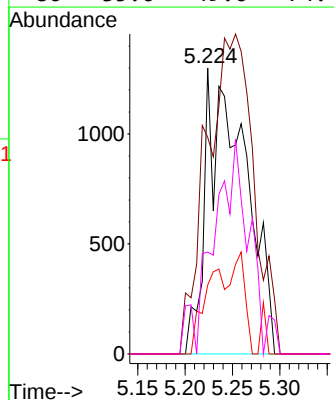
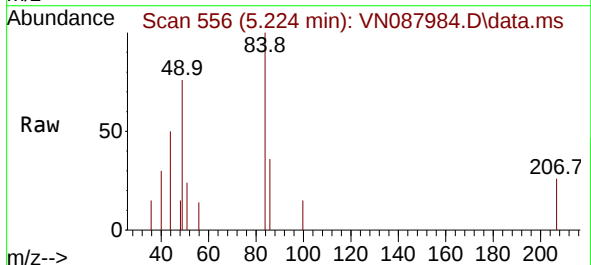
Instrument :
MSVOA_N
ClientSampleId :
4135

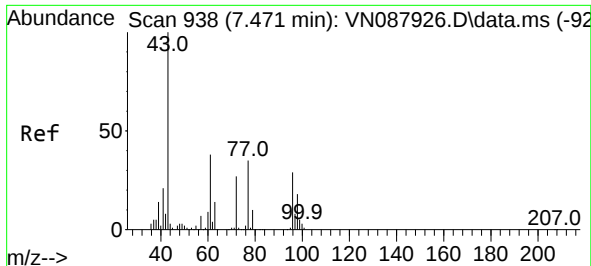
Tgt Ion: 43 Resp: 1199
Ion Ratio Lower Upper
43 100
74 15.2 19.7 29.5#



#20
Methylene Chloride
Concen: 1.309 ug/l
RT: 5.224 min Scan# 556
Delta R.T. -0.041 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 84 Resp: 3838
Ion Ratio Lower Upper
84 100
49 75.8 92.1 138.1#
51 24.1 27.7 41.5#
86 35.6 49.6 74.4#

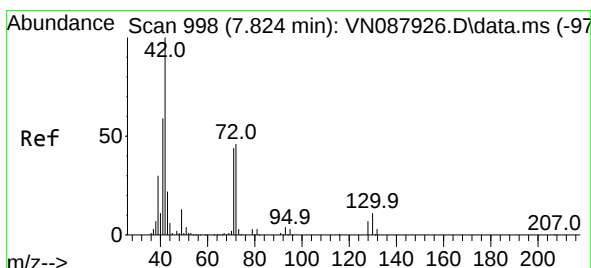
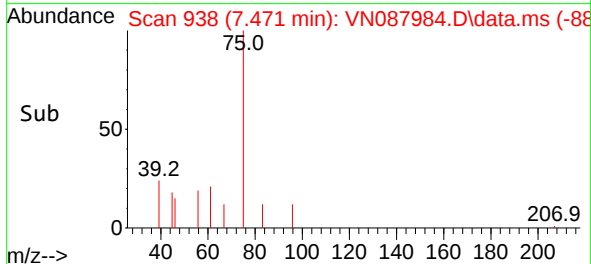
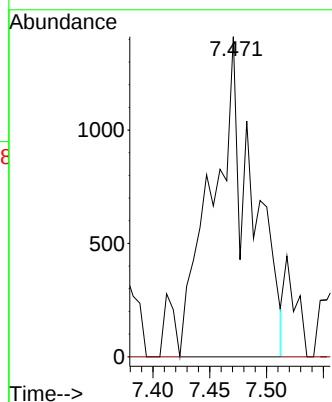
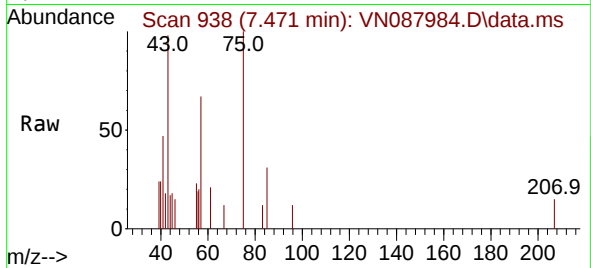




#25
2-Butanone
Concen: 1.555 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

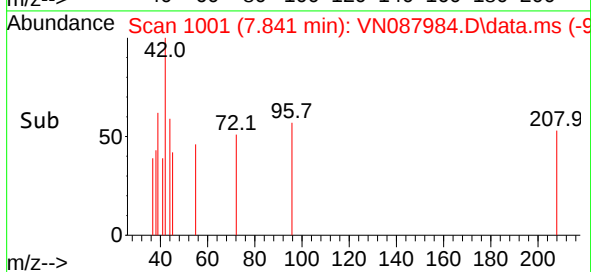
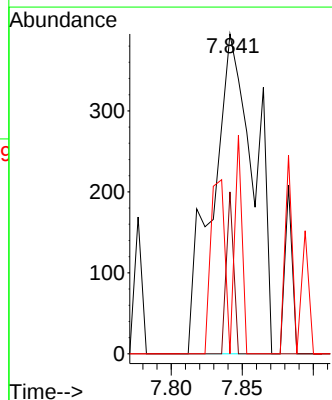
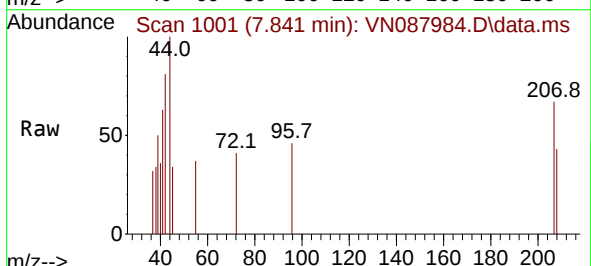
Instrument :
MSVOA_N
ClientSampleId :
4135

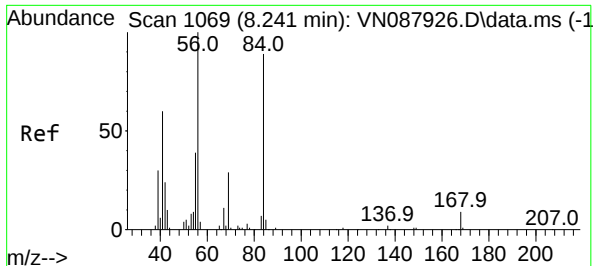
Tgt Ion: 43 Resp: 3445
Ion Ratio Lower Upper
43 100
72 0.0 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.573 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.018 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 42 Resp: 812
Ion Ratio Lower Upper
42 100
72 0.0 36.5 54.7#
71 0.0 33.8 50.8#

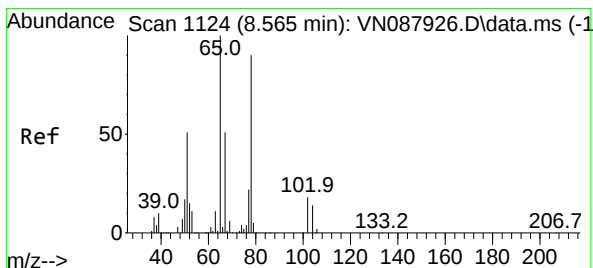
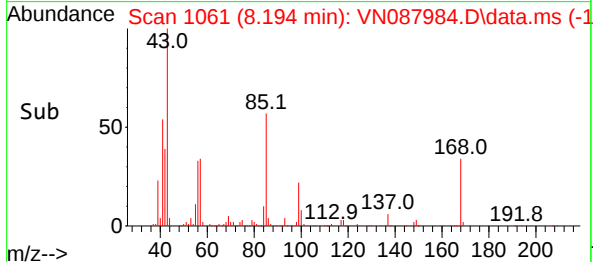
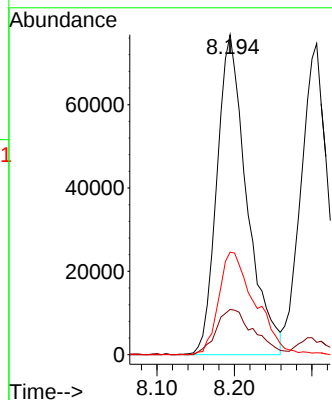
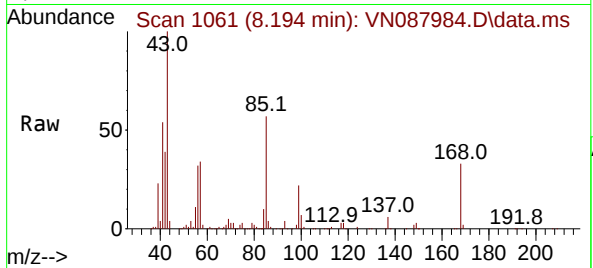




#31
Cyclohexane
Concen: 52.289 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.047 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

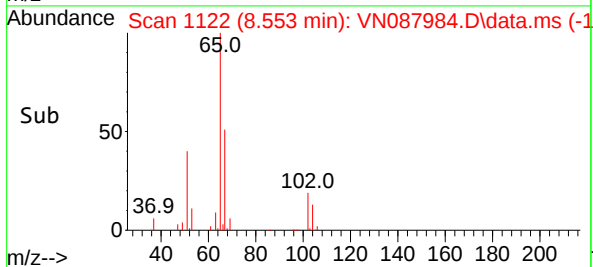
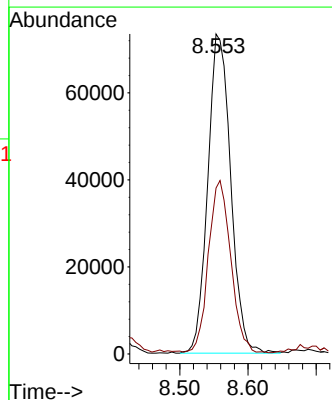
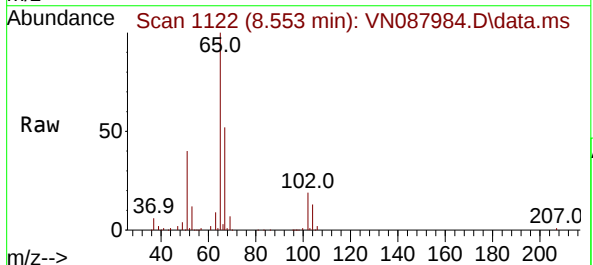
Instrument :
MSVOA_N
ClientSampleId :
4135

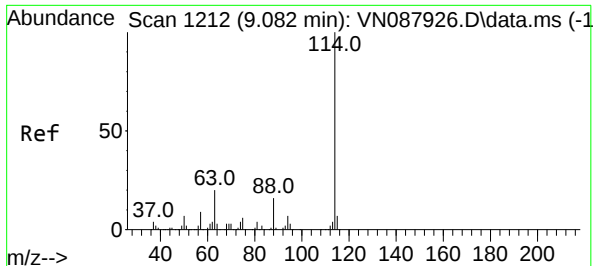
Tgt Ion: 56 Resp: 206508
Ion Ratio Lower Upper
56 100
69 14.0 23.4 35.0#
84 32.1 70.8 106.2#



#33
1,2-Dichloroethane-d4
Concen: 48.800 ug/l
RT: 8.553 min Scan# 1122
Delta R.T. -0.012 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 65 Resp: 171872
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

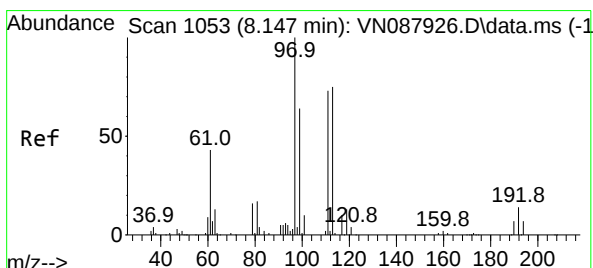
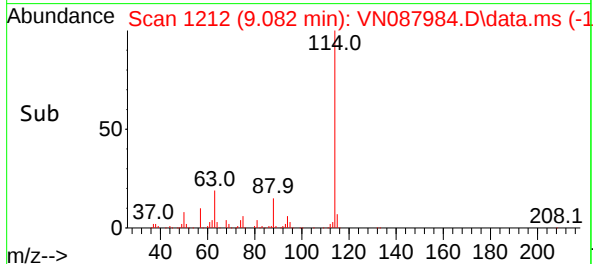
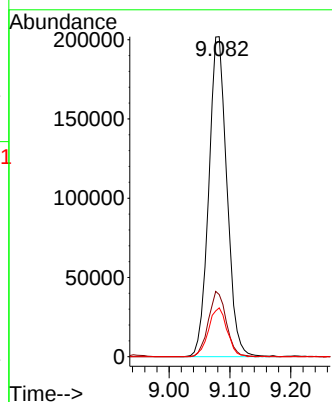
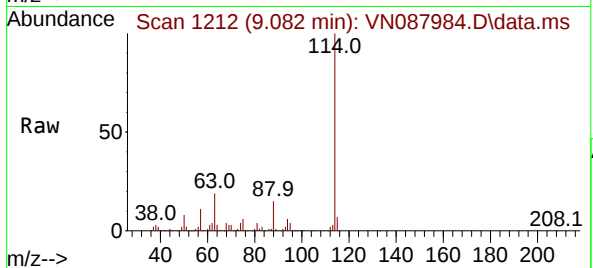
Tgt Ion:114 Resp: 416295

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.095 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

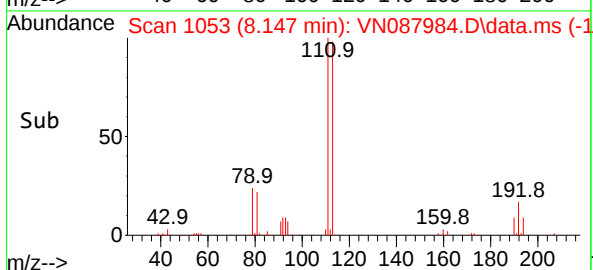
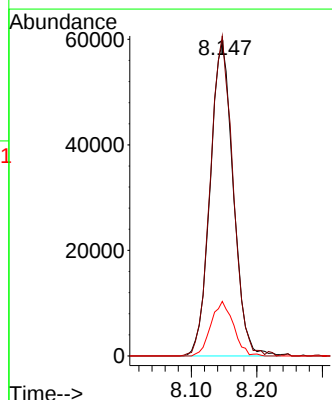
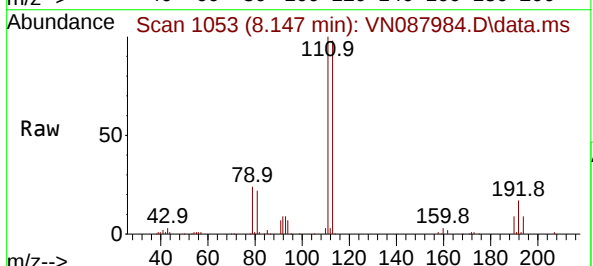
Tgt Ion:113 Resp: 145368

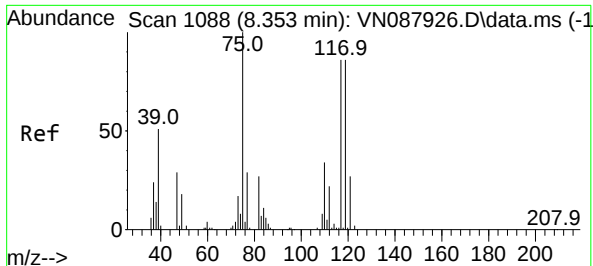
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.2

192 16.9 14.2 21.2





#36

1,1-Dichloropropene

Concen: 5.199 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

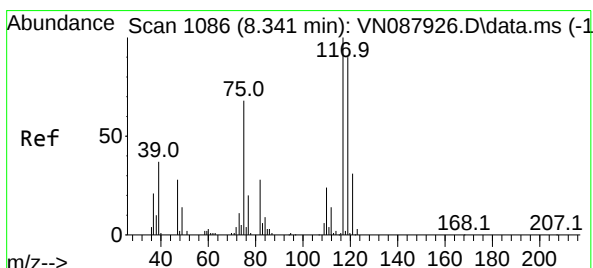
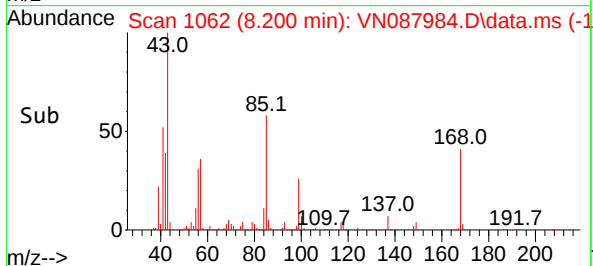
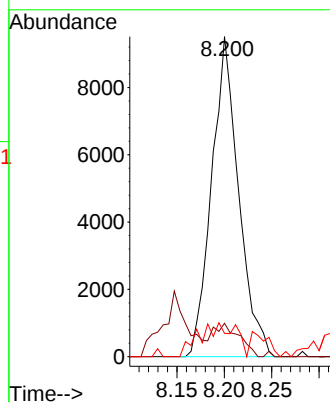
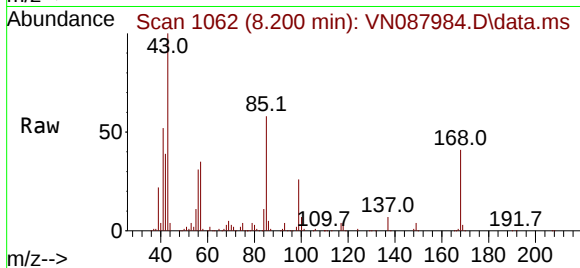
Tgt Ion: 75 Resp: 18894

Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.3#

77 14.1 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.576 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

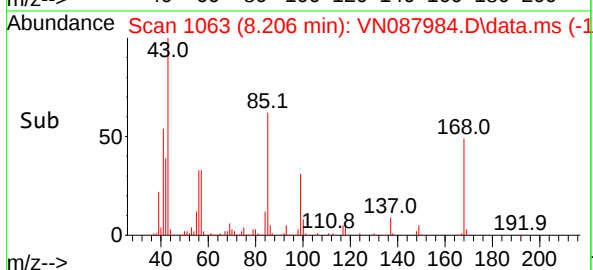
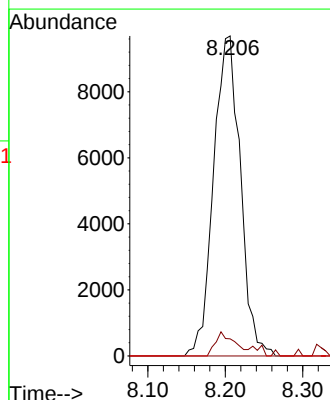
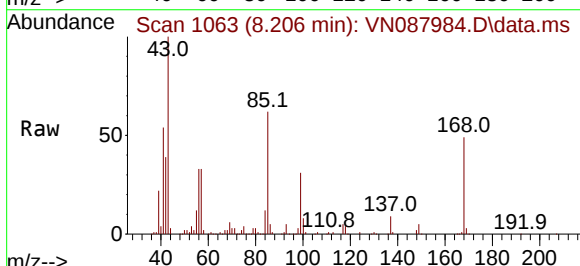
Tgt Ion: 117 Resp: 23256

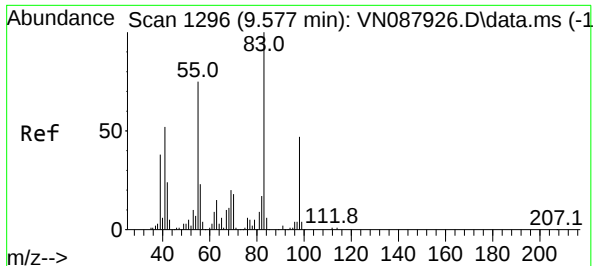
Ion Ratio Lower Upper

117 100

119 5.3 72.1 108.1#

121 0.0 24.6 36.8#





#39

Methylcyclohexane

Concen: 13.828 ug/l

RT: 9.571 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

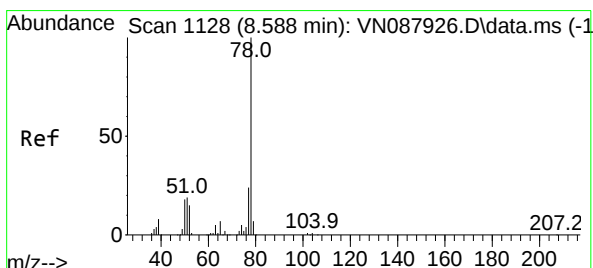
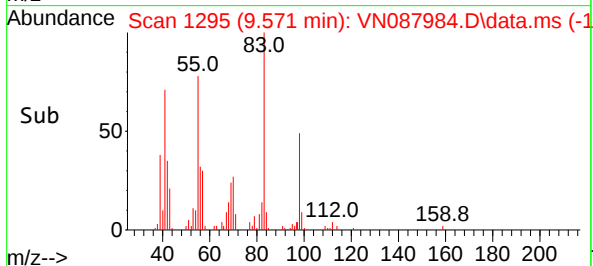
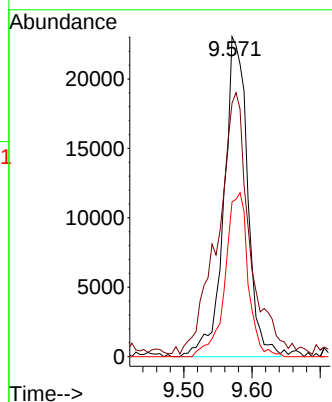
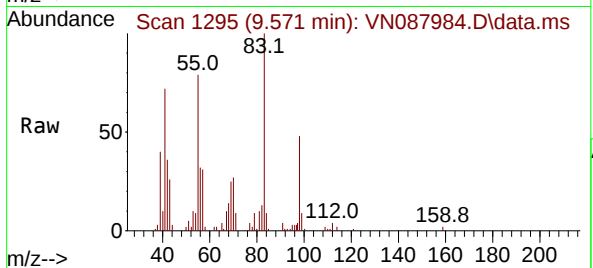
Instrument :

MSVOA_N

ClientSampleId :

4135

Tgt Ion:	83	Resp:	55440
Ion	Ratio	Lower	Upper
83	100		
55	78.4	59.9	89.9
98	48.4	37.4	56.2



#40

Benzene

Concen: 0.204 ug/l

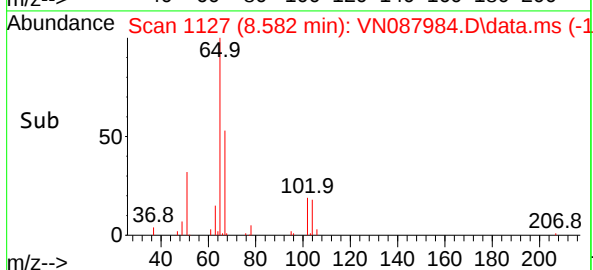
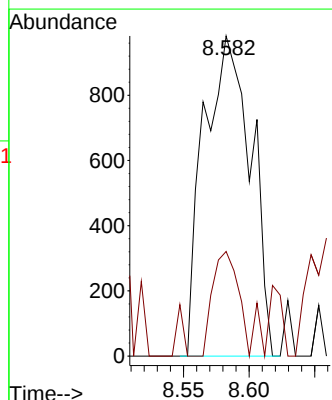
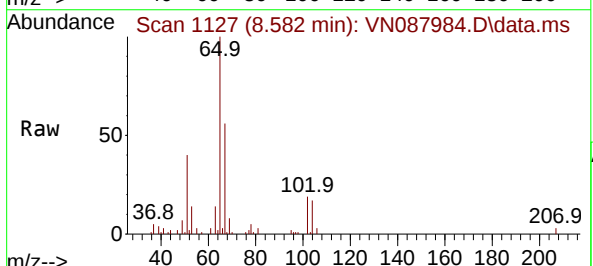
RT: 8.582 min Scan# 1127

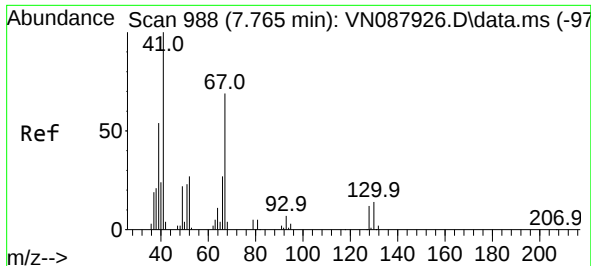
Delta R.T. -0.006 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Tgt Ion:	78	Resp:	2449
Ion	Ratio	Lower	Upper
78	100		
77	16.6	19.0	28.6

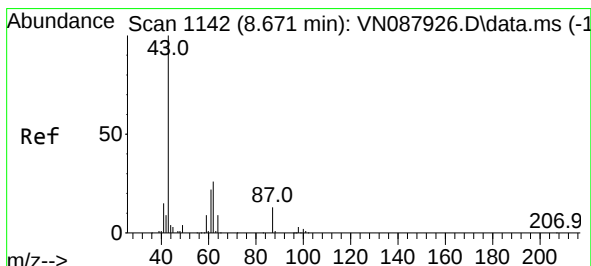
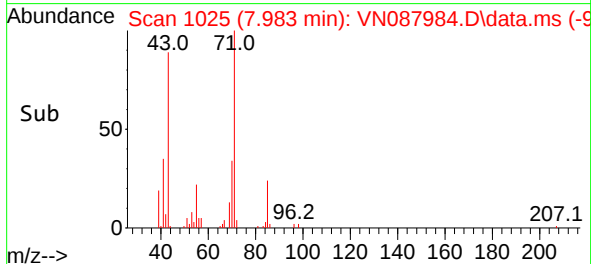
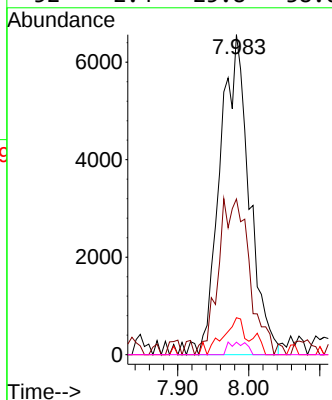
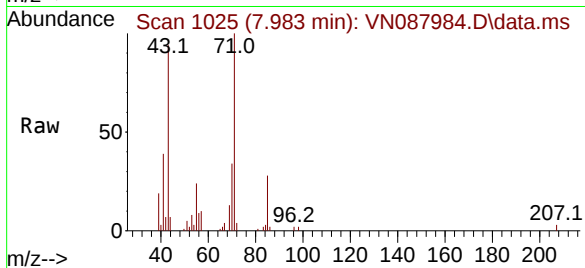




#41
Methacrylonitrile
Concen: 7.659 ug/l
RT: 7.983 min Scan# 1025
Delta R.T. 0.218 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

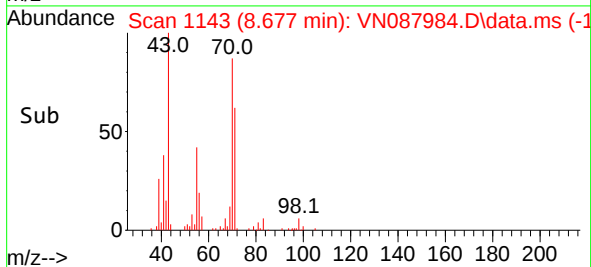
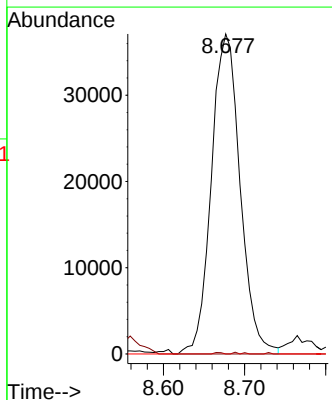
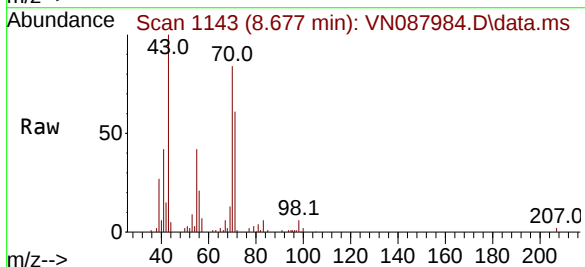
Instrument :
MSVOA_N
ClientSampleId :
4135

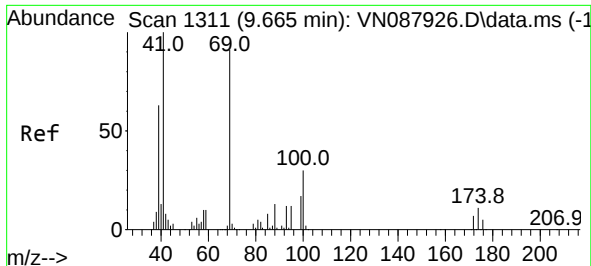
Tgt Ion:	41	Resp:	18891
Ion	Ratio	Lower	Upper
41	100		
39	51.5	43.5	65.3
67	8.6	57.6	86.4#
52	2.4	25.8	38.6#



#43
Isopropyl Acetate
Concen: 12.183 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:	43	Resp:	91527
Ion	Ratio	Lower	Upper
43	100		
61	0.1	20.2	30.2#
87	0.0	10.9	16.3#





#48

Methyl methacrylate

Concen: 3.430 ug/l

RT: 9.747 min Scan# 11

Delta R.T. 0.082 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

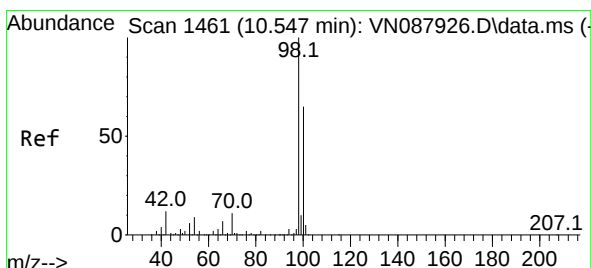
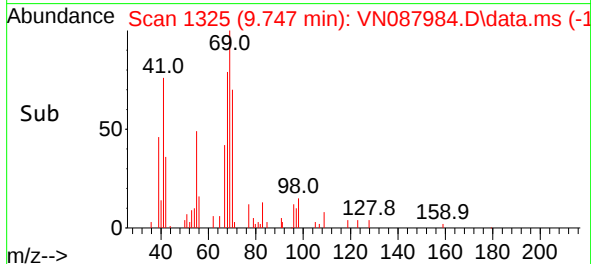
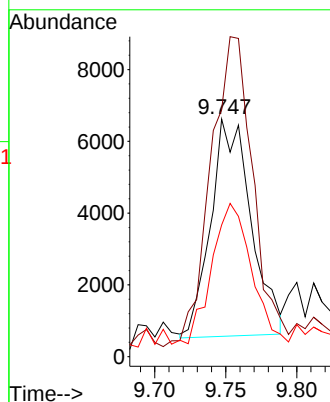
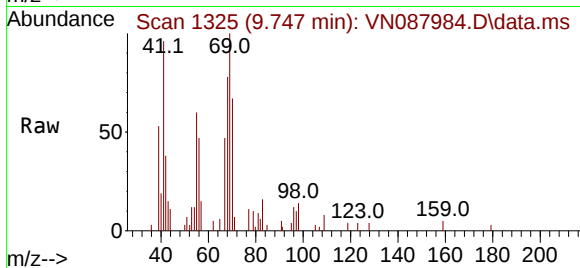
Tgt Ion: 41 Resp: 11933

Ion Ratio Lower Upper

41 100

69 150.3 70.9 106.3#

39 64.8 52.9 79.3



#50

Toluene-d8

Concen: 49.606 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087984.D

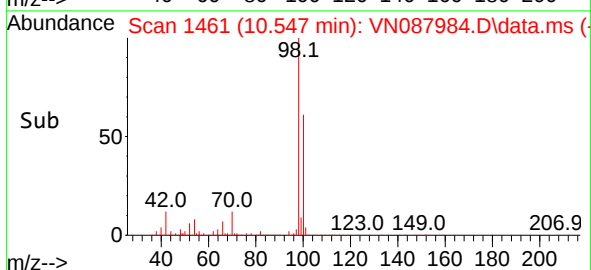
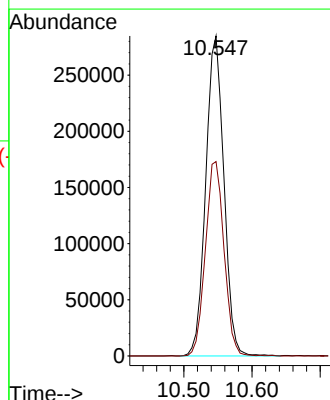
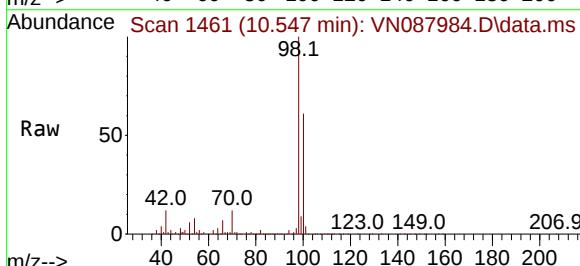
Acq: 29 Sep 2025 15:50

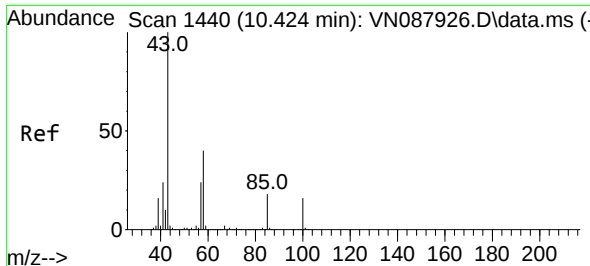
Tgt Ion: 98 Resp: 527266

Ion Ratio Lower Upper

98 100

100 62.5 51.7 77.5

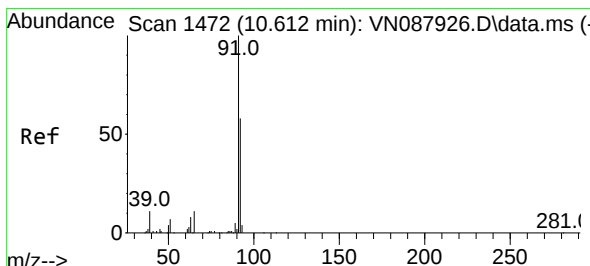
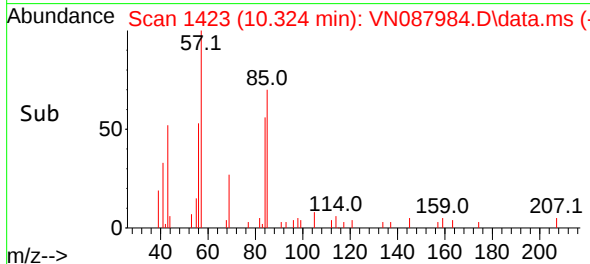
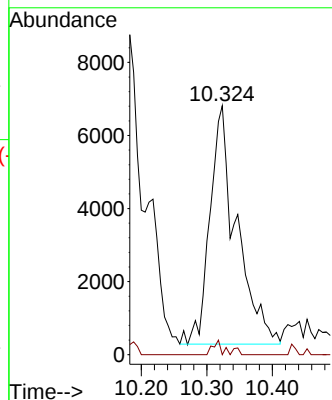
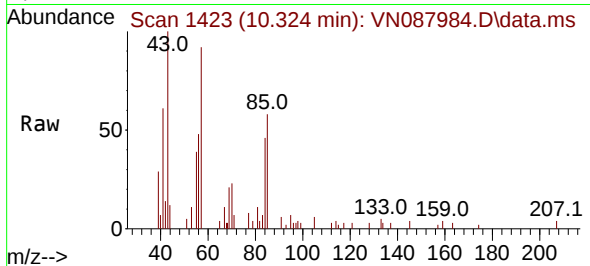




#51
4-Methyl-2-Pentanone
Concen: 3.946 ug/l
RT: 10.324 min Scan# 1440
Delta R.T. -0.100 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

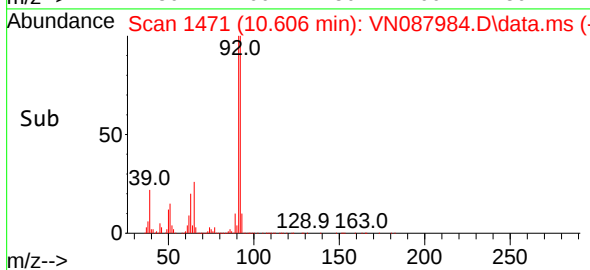
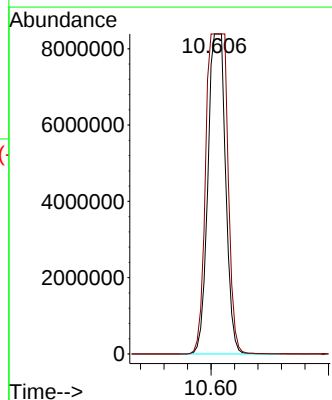
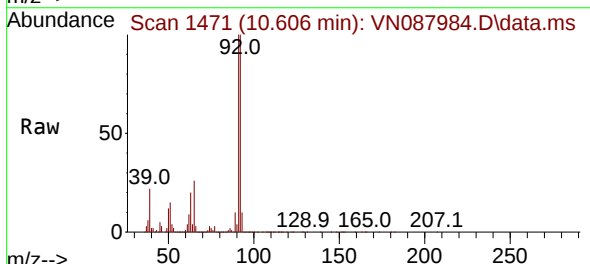
Instrument :
MSVOA_N
ClientSampleId :
4135

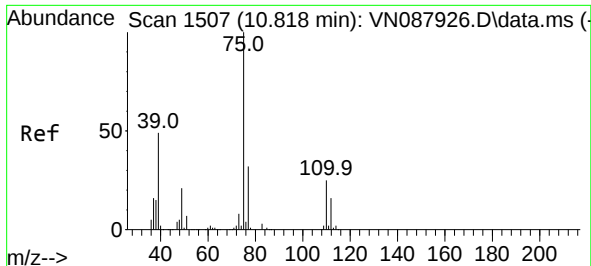
Tgt Ion: 43 Resp: 18500
Ion Ratio Lower Upper
43 100
58 2.0 31.0 46.6#



#52
Toluene
Concen: 2305.514 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 92 Resp:17410146
Ion Ratio Lower Upper
92 100
91 0.0 138.2 207.2#

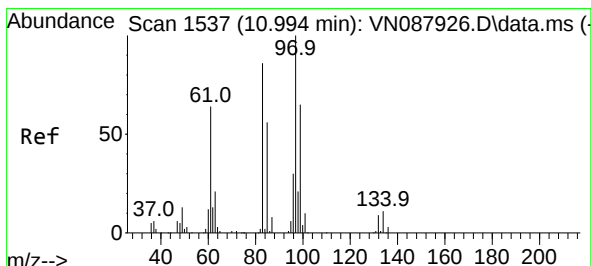
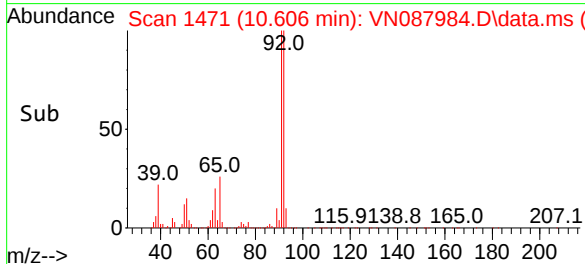
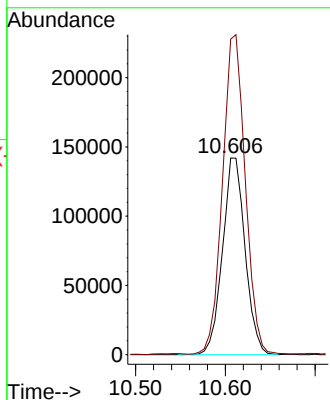
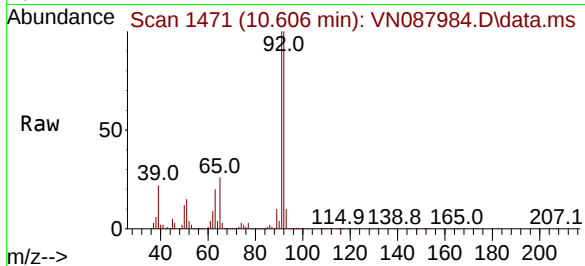




#53
t-1,3-Dichloropropene
Concen: 51.853 ug/l
RT: 10.606 min Scan# 14135
Delta R.T. -0.212 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

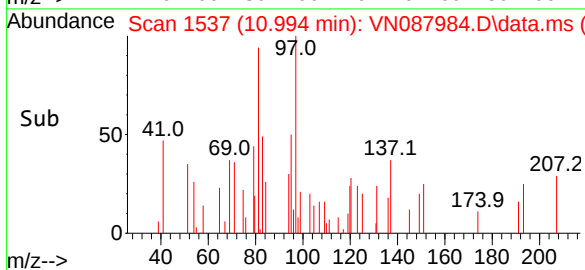
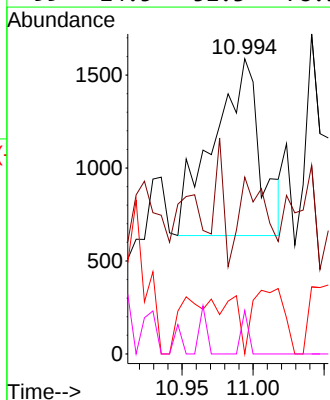
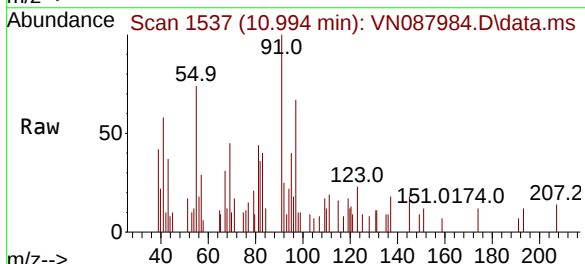
Instrument :
MSVOA_N
ClientSampleId :
4135

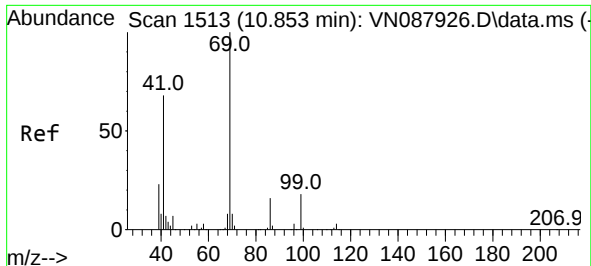
Tgt Ion: 75 Resp: 247837
Ion Ratio Lower Upper
75 100
77 159.8 25.3 37.9#



#55
1,1,2-Trichloroethane
Concen: 0.709 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 97 Resp: 2176
Ion Ratio Lower Upper
97 100
83 36.4 69.0 103.4#
85 0.0 44.4 66.6#
99 24.5 52.3 78.5#

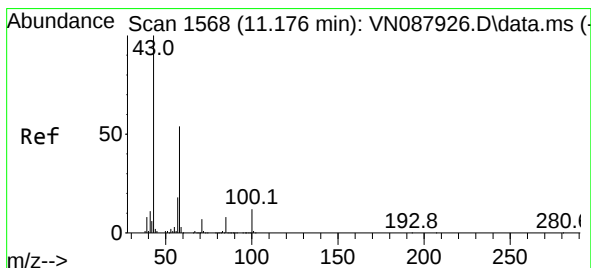
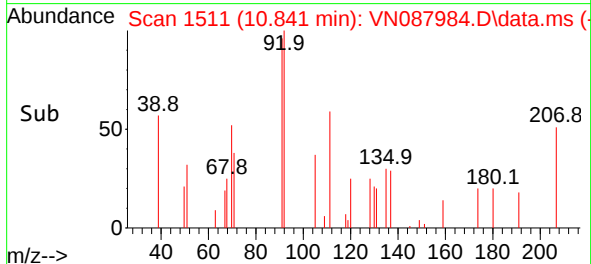
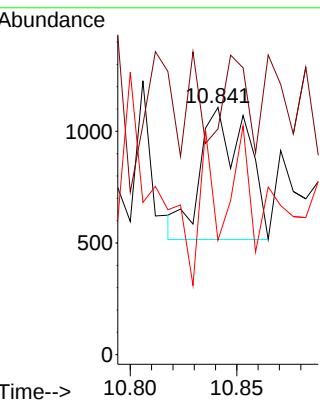
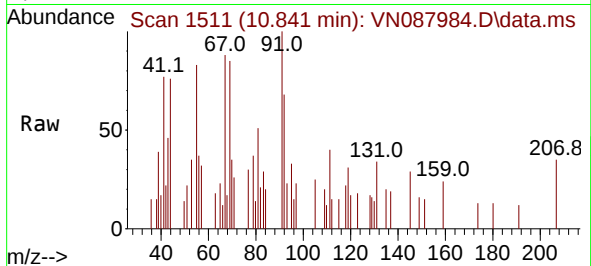




#56
Ethyl methacrylate
Concen: 0.201 ug/l
RT: 10.841 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

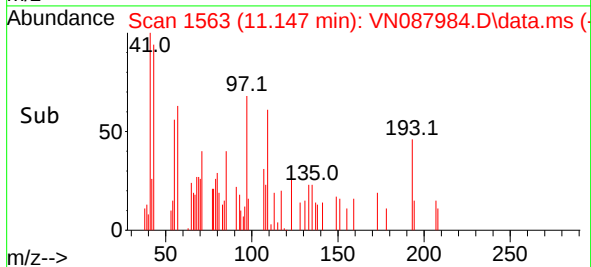
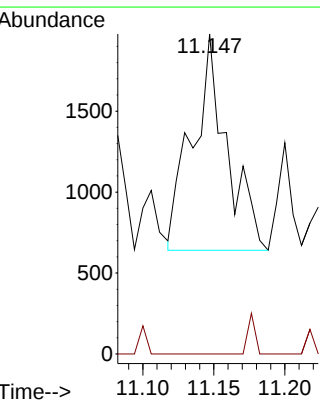
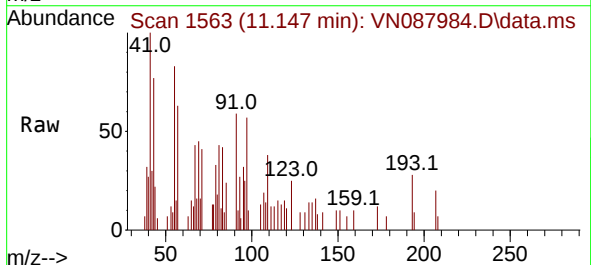
Instrument :
MSVOA_N
ClientSampleId :
4135

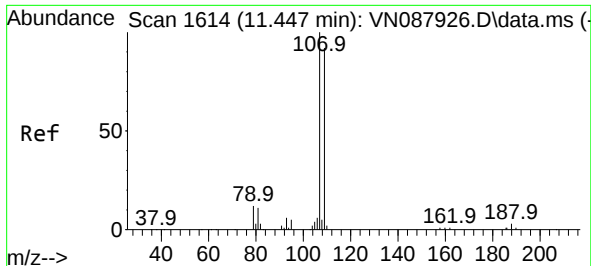
Tgt Ion:	69	Resp:	891
Ion	Ratio	Lower	Upper
69	100		
41	0.0	53.8	80.6#
39	0.0	34.7	52.1#



#59
2-Hexanone
Concen: 0.726 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.029 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:	43	Resp:	2250
Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.4	79.2#

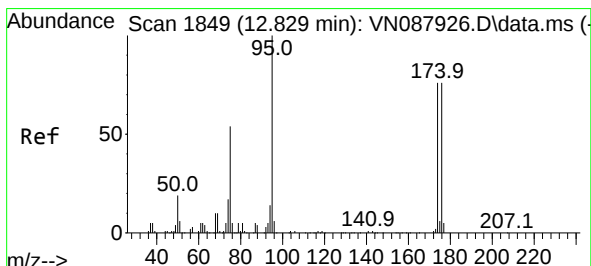
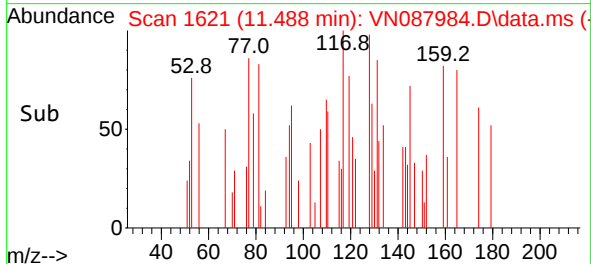
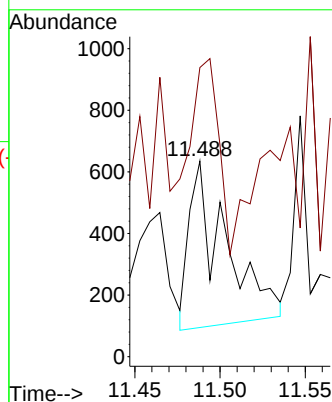
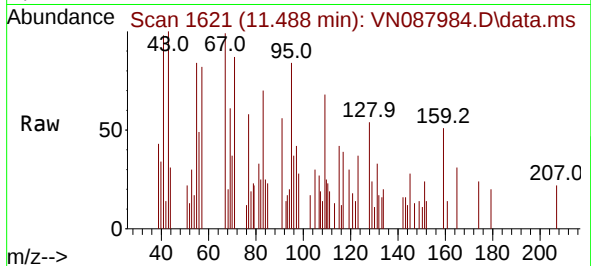




#61
1,2-Dibromoethane
Concen: 0.245 ug/l
RT: 11.488 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

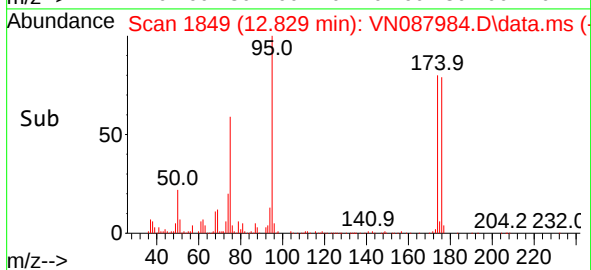
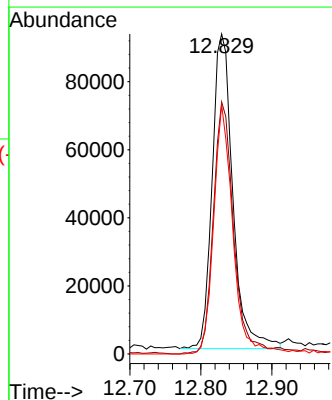
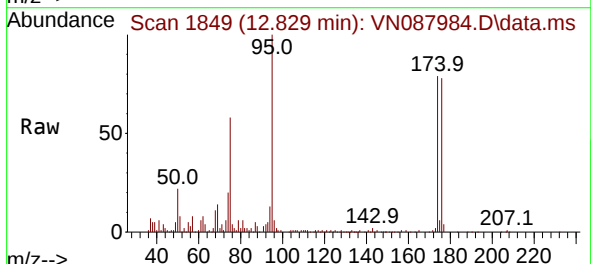
Instrument :
MSVOA_N
ClientSampleId :
4135

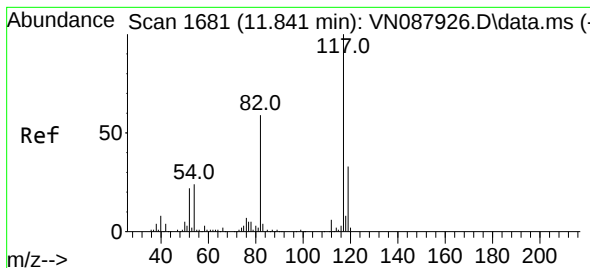
Tgt Ion:107 Resp: 795
Ion Ratio Lower Upper
107 100
109 86.5 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 49.203 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 95 Resp: 186939
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 73.4 0.0 152.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

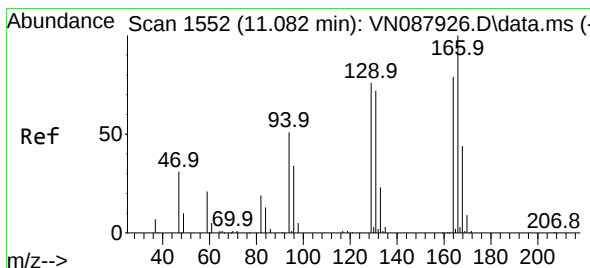
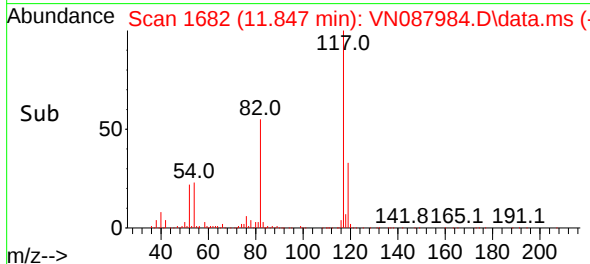
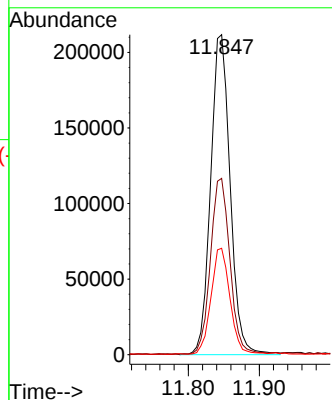
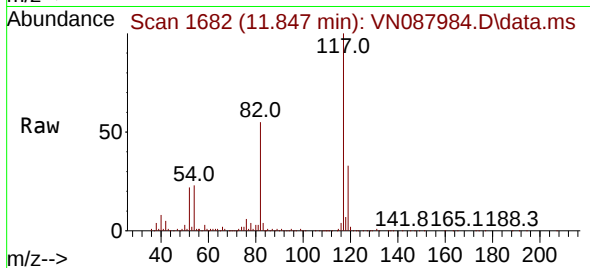
Tgt Ion:117 Resp: 403794

Ion Ratio Lower Upper

117 100

82 54.8 47.0 70.4

119 33.0 26.1 39.1



#64

Tetrachloroethene

Concen: 0.222 ug/l

RT: 11.088 min Scan# 1553

Delta R.T. 0.006 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Tgt Ion:164 Resp: 545

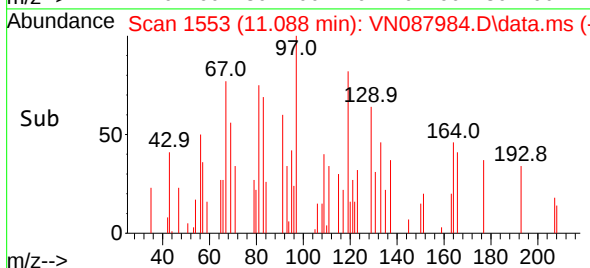
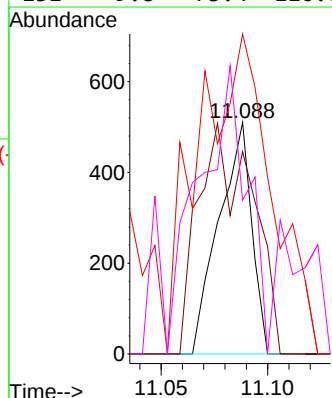
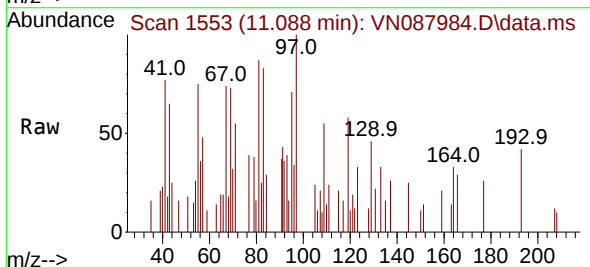
Ion Ratio Lower Upper

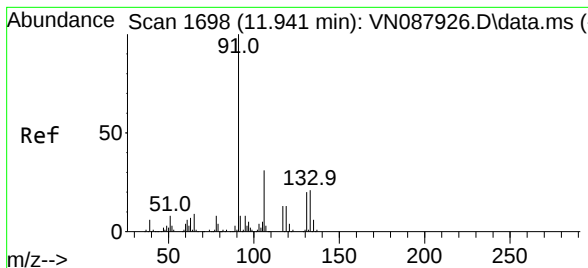
164 100

166 87.5 101.6 152.4#

129 92.7 77.5 116.3

131 9.8 73.4 110.0#

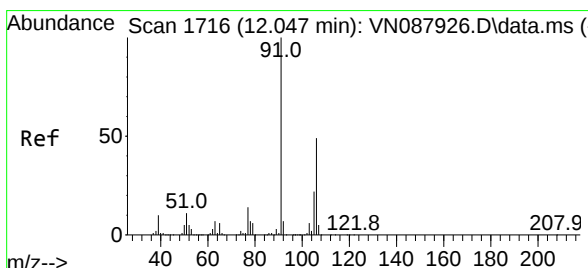
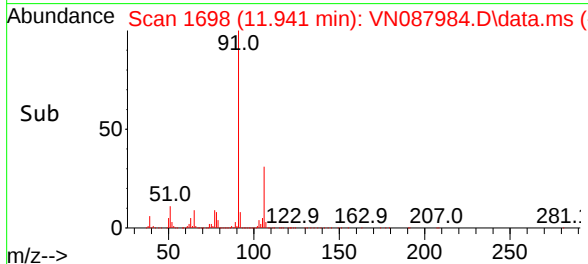
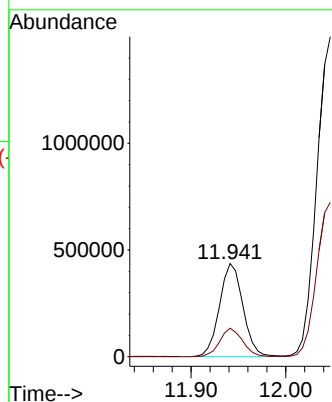
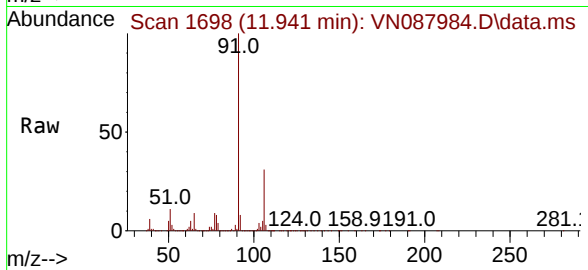




#67
Ethyl Benzene
Concen: 52.035 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

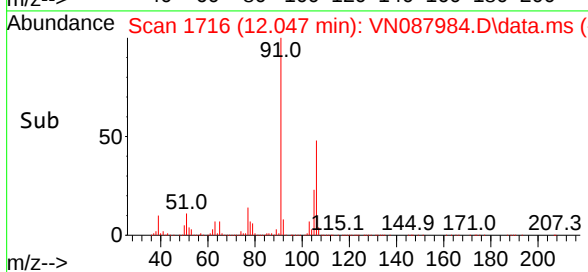
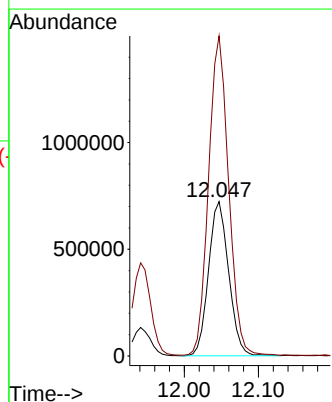
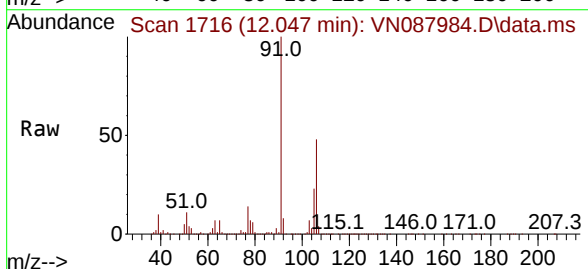
Instrument :
MSVOA_N
ClientSampleId :
4135

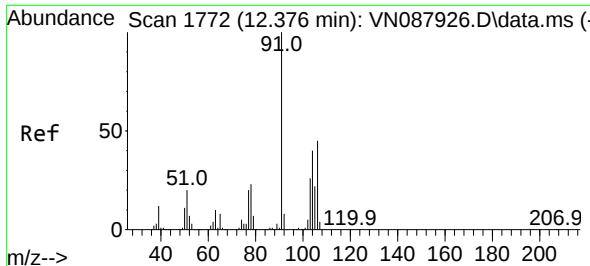
Tgt Ion: 91 Resp: 746105
Ion Ratio Lower Upper
91 100
106 30.6 25.2 37.8



#68
m/p-Xylenes
Concen: 248.887 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 106 Resp: 1364839
Ion Ratio Lower Upper
106 100
91 205.6 162.9 244.3

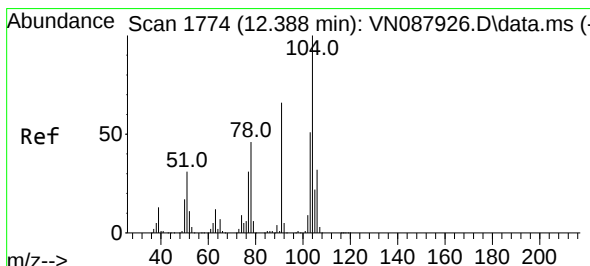
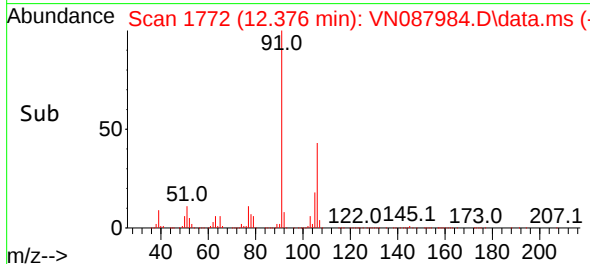
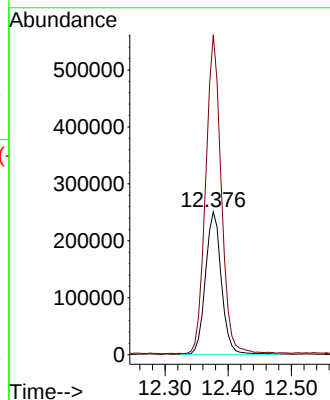
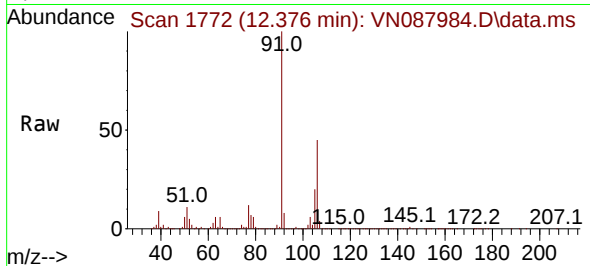




#69
o-Xylene
Concen: 83.388 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

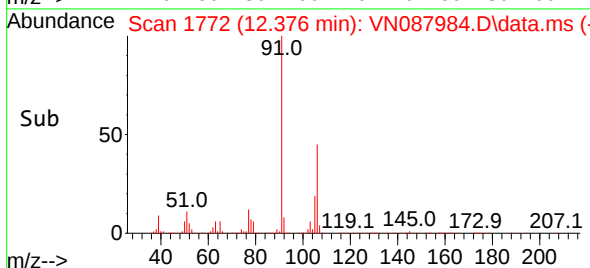
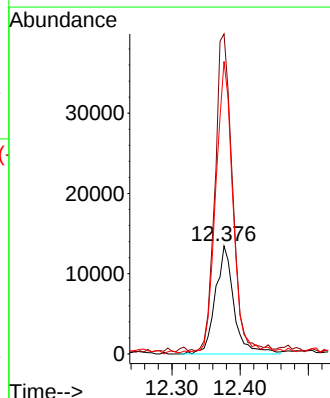
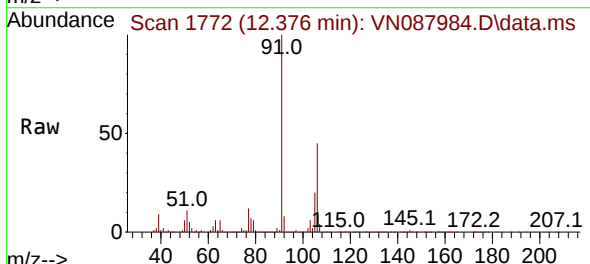
Instrument :
MSVOA_N
ClientSampleId :
4135

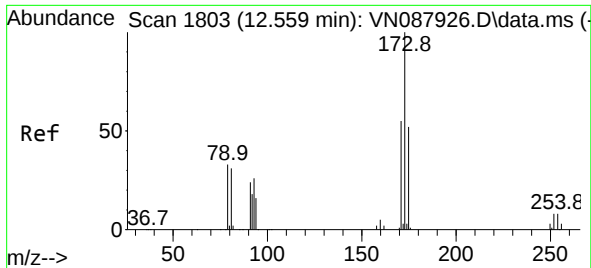
Tgt Ion:106 Resp: 439336
Ion Ratio Lower Upper
106 100
91 219.0 108.2 324.6



#70
Styrene
Concen: 2.828 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.012 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:104 Resp: 25588
Ion Ratio Lower Upper
104 100
78 275.4 39.7 59.5#
103 250.6 44.6 67.0#

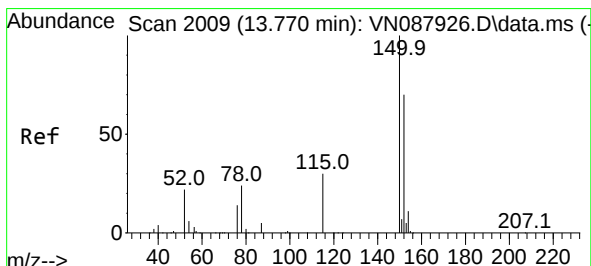
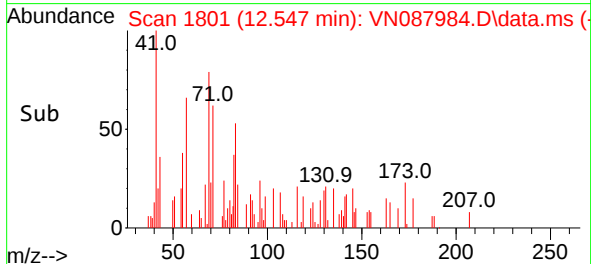
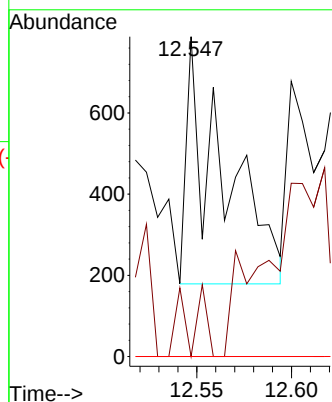
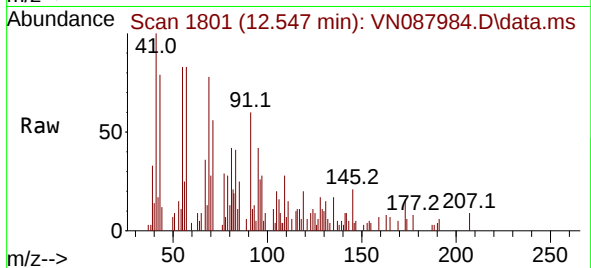




#71
Bromoform
Concen: 0.322 ug/l
RT: 12.547 min Scan# 1801
Delta R.T. -0.012 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

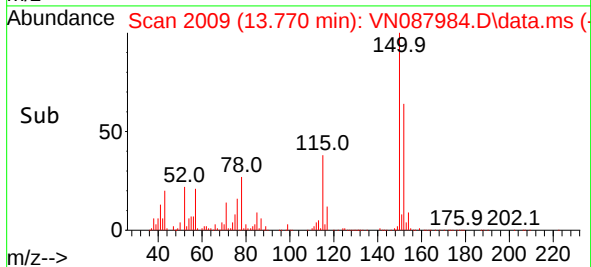
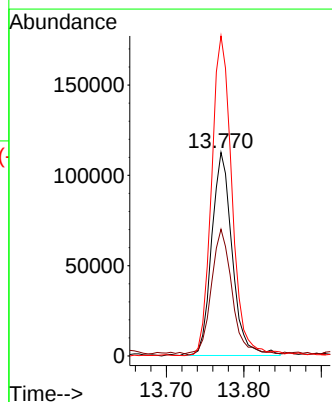
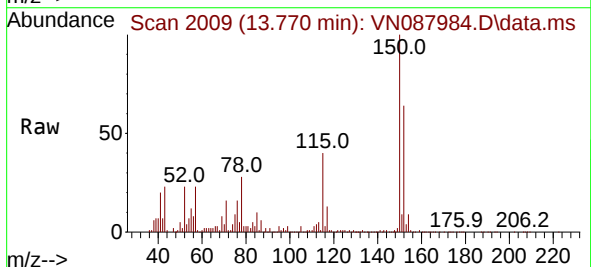
Instrument :
MSVOA_N
ClientSampleId :
4135

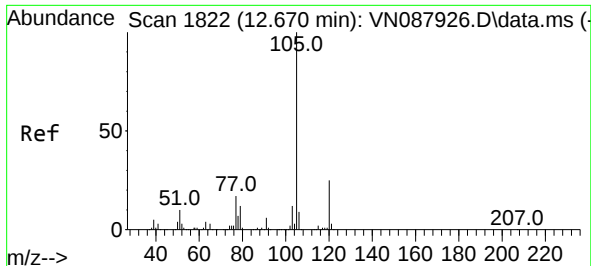
Tgt Ion:173 Resp: 810
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:152 Resp: 206750
Ion Ratio Lower Upper
152 100
115 60.7 29.9 89.7
150 158.0 0.0 335.0

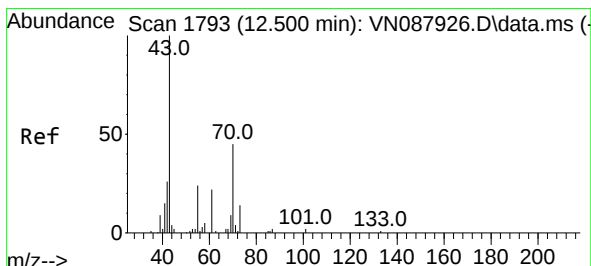
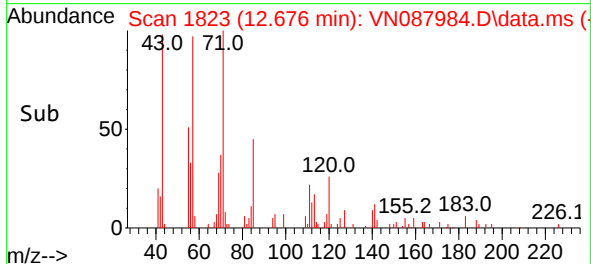
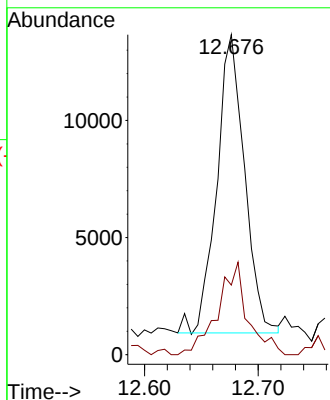
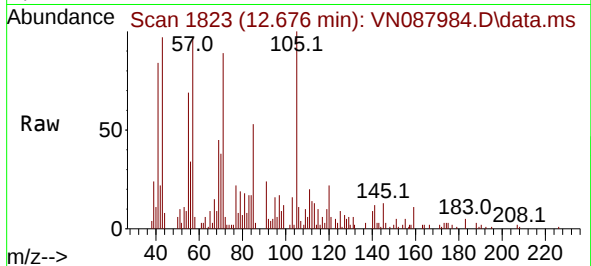




#73
Isopropylbenzene
Concen: 1.693 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

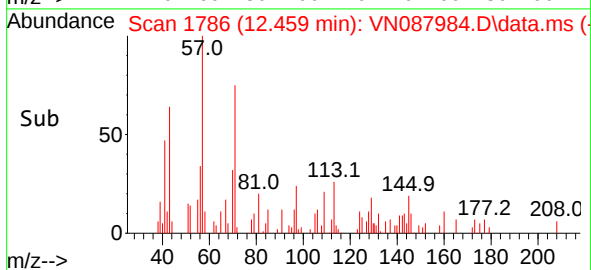
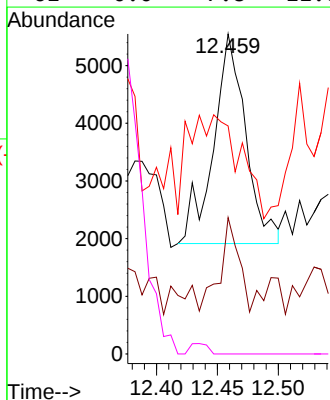
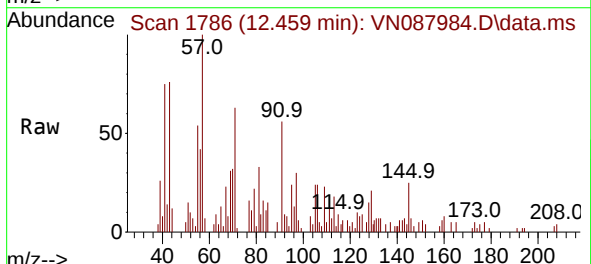
Instrument :
MSVOA_N
ClientSampleId :
4135

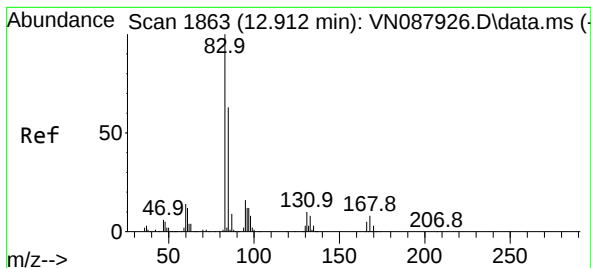
Tgt Ion:105 Resp: 21690
Ion Ratio Lower Upper
105 100
120 33.1 13.1 39.1



#74
N-ethyl acetate
Concen: 1.581 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.041 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
70 26.2 19.8 29.8
55 79.0 9.6 14.4#
61 0.0 7.8 11.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.417 ug/l

RT: 12.888 min Scan# 1849

Delta R.T. -0.024 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

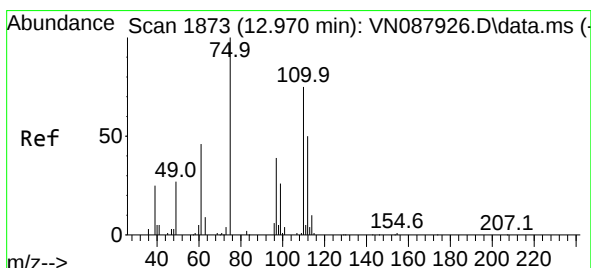
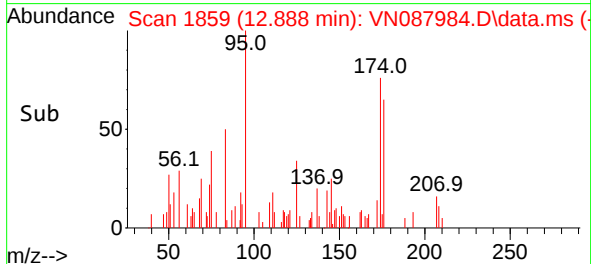
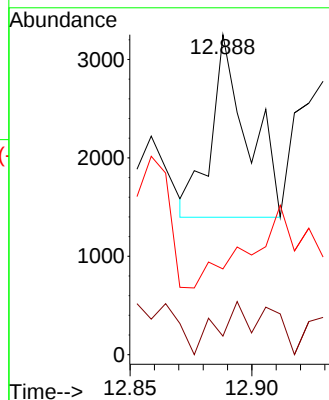
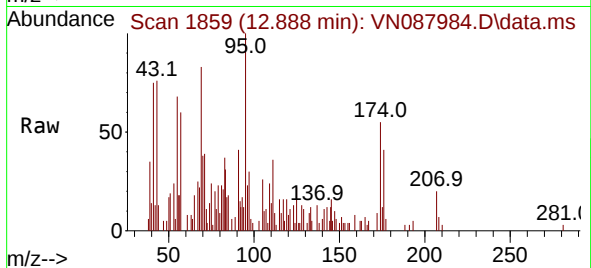
Tgt Ion: 83 Resp: 1925

Ion Ratio Lower Upper

83 100

131 40.6 5.2 15.6#

85 0.0 32.4 97.0#



#76

1,2,3-Trichloropropane

Concen: 25.380 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN087984.D

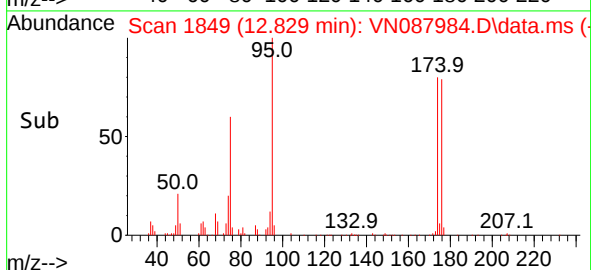
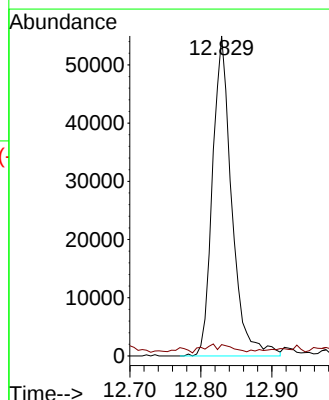
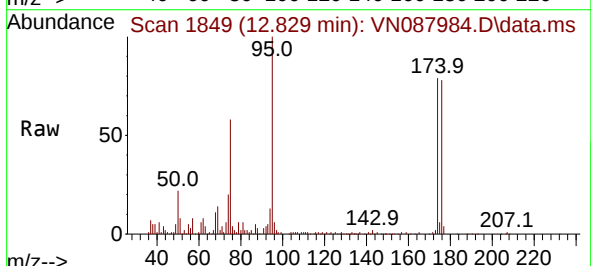
Acq: 29 Sep 2025 15:50

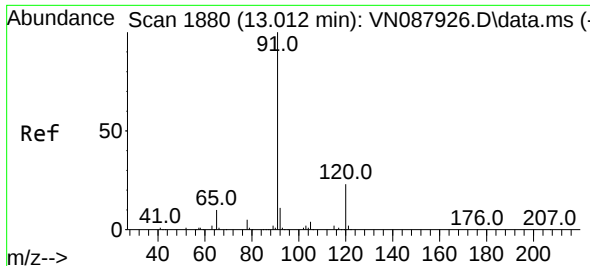
Tgt Ion: 75 Resp: 103438

Ion Ratio Lower Upper

75 100

77 1.4 89.5 268.5#

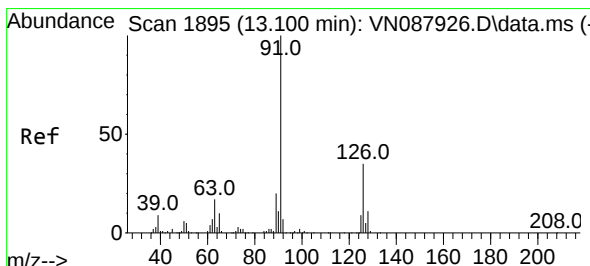
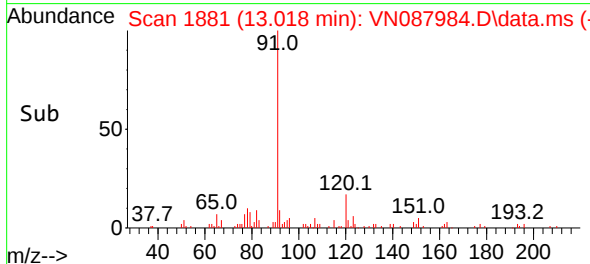
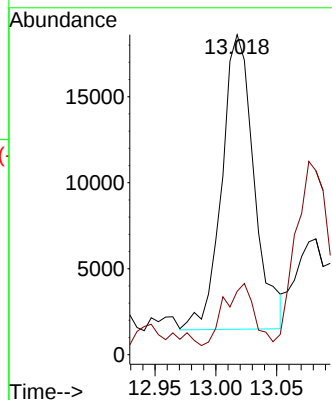
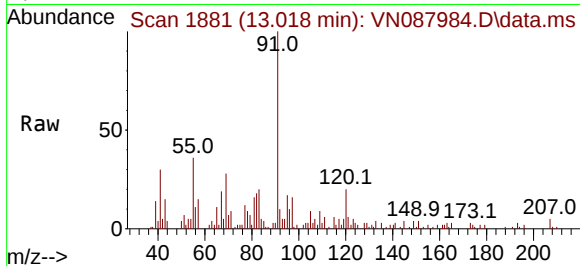




#78
n-propylbenzene
Concen: 1.980 ug/l
RT: 13.018 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

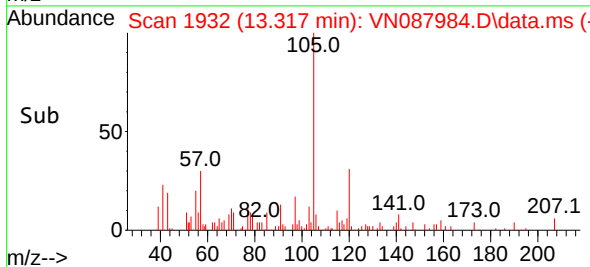
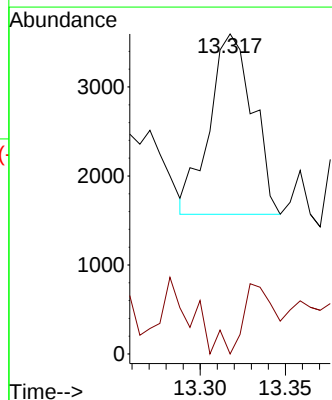
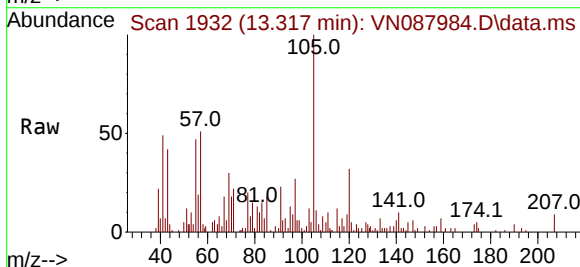
Instrument :
MSVOA_N
ClientSampleId :
4135

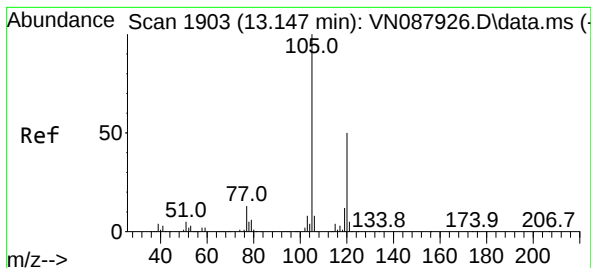
Tgt Ion: 91 Resp: 31725
Ion Ratio Lower Upper
91 100
120 21.1 11.1 33.1



#79
2-Chlorotoluene
Concen: 0.368 ug/l
RT: 13.317 min Scan# 1932
Delta R.T. 0.218 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 91 Resp: 3594
Ion Ratio Lower Upper
91 100
126 26.5 16.6 49.8





#80

1,3,5-Trimethylbenzene

Concen: 3.064 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

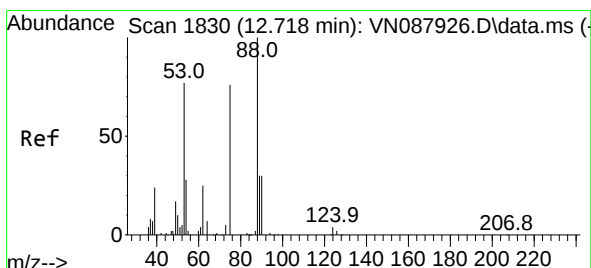
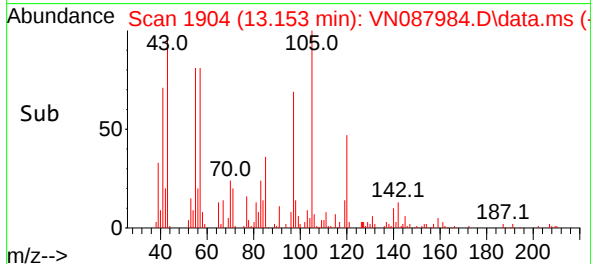
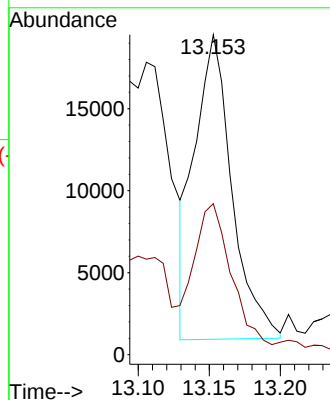
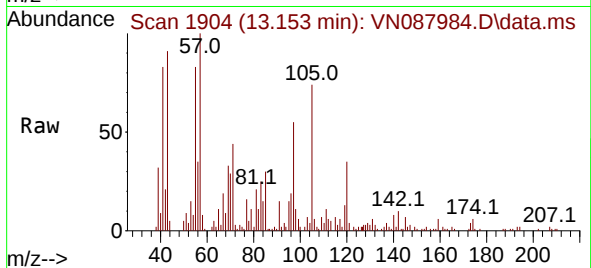
4135

Tgt Ion:105 Resp: 33960

Ion Ratio Lower Upper

105 100

120 45.2 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 70.478 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.112 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

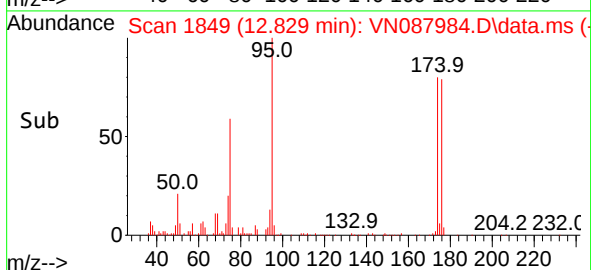
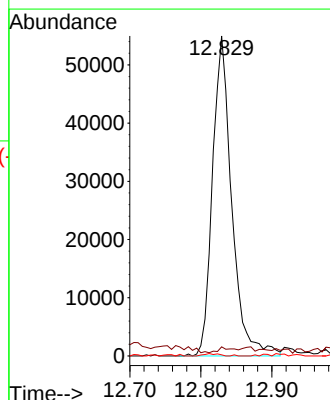
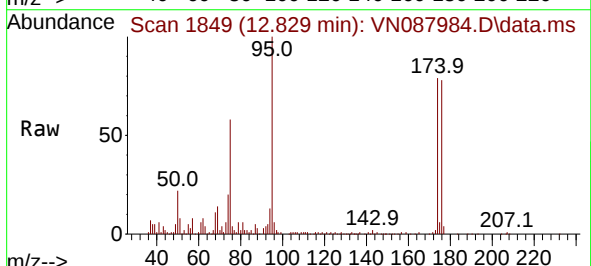
Tgt Ion: 75 Resp: 103438

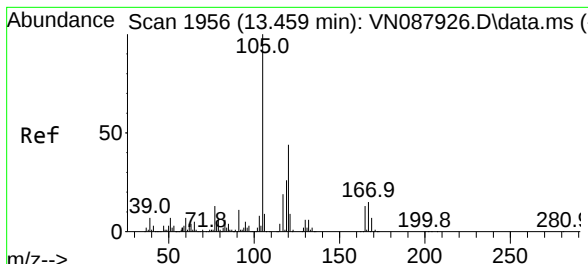
Ion Ratio Lower Upper

75 100

53 1.3 82.0 123.0#

89 0.1 36.1 54.1#

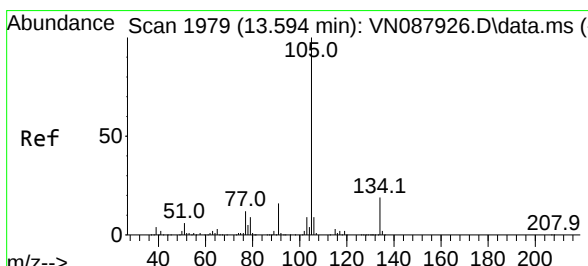
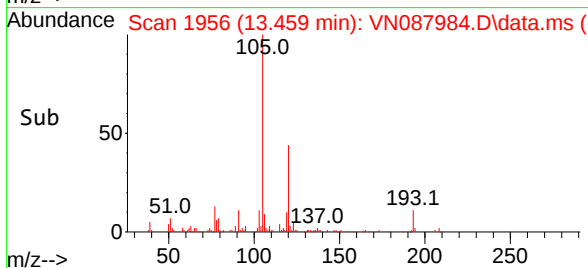
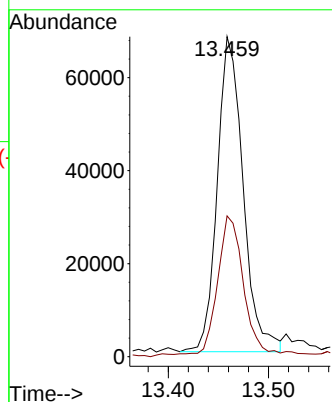
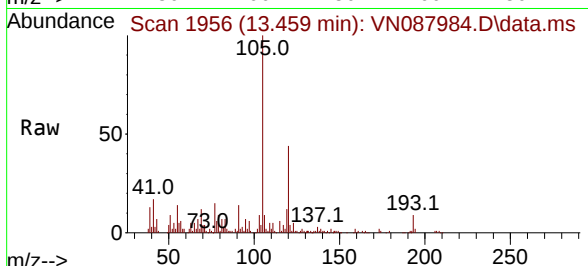




#84
 1,2,4-Trimethylbenzene
 Concen: 10.664 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VN087984.D
 Acq: 29 Sep 2025 15:50

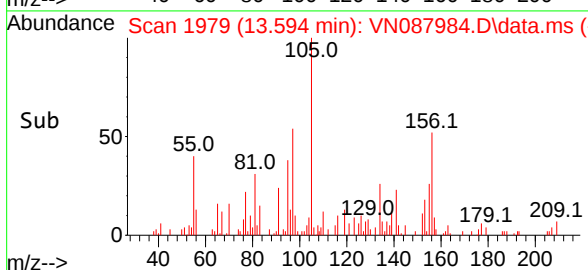
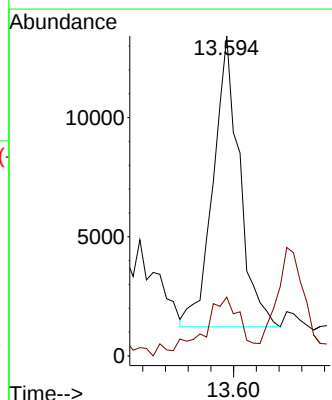
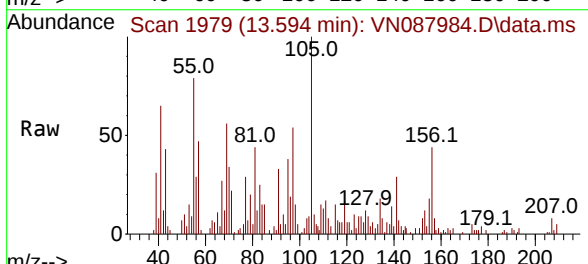
Instrument :
 MSVOA_N
 ClientSampleId :
 4135

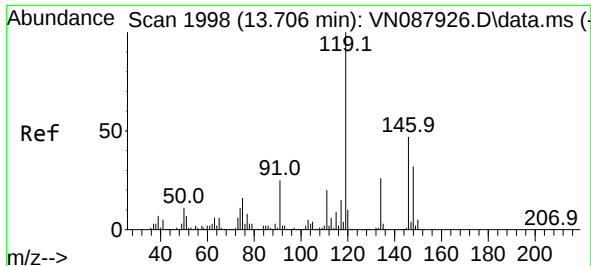
Tgt Ion:105 Resp: 121239
 Ion Ratio Lower Upper
 105 100
 120 47.4 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 1.426 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087984.D
 Acq: 29 Sep 2025 15:50

Tgt Ion:105 Resp: 19613
 Ion Ratio Lower Upper
 105 100
 134 30.3 9.6 28.8#

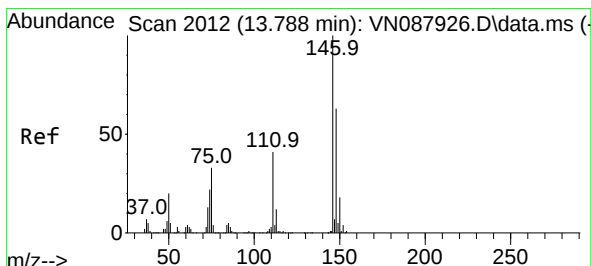
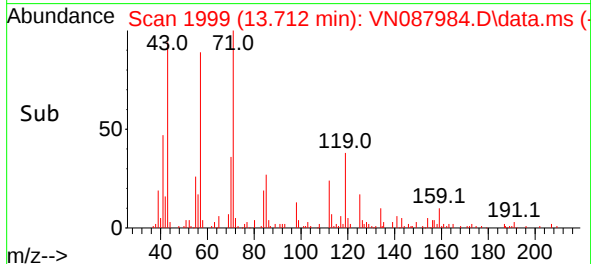
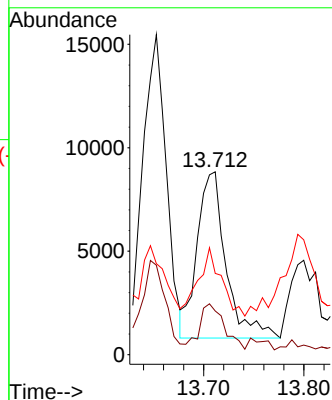
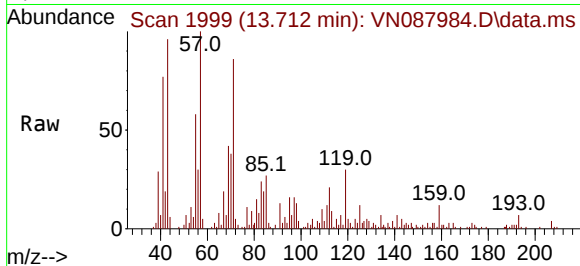




#86
p-Isopropyltoluene
Concen: 1.385 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

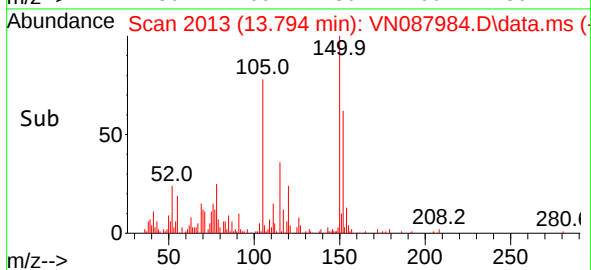
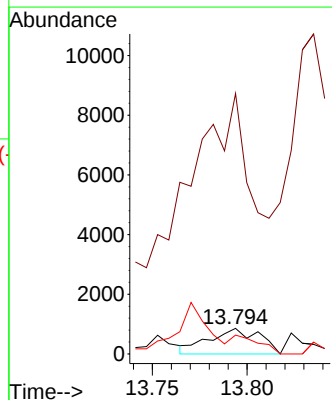
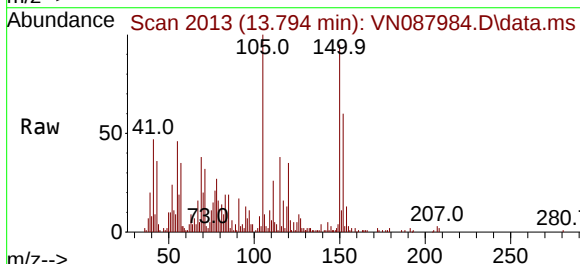
Instrument :
MSVOA_N
ClientSampleId :
4135

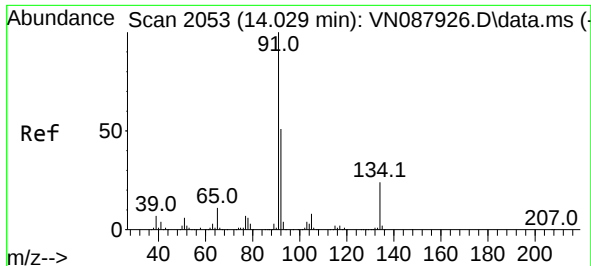
Tgt Ion:	119	Resp:	16131
Ion Ratio	Lower	Upper	
119	100		
134	23.5	13.1	39.3
91	32.5	11.9	35.5



#88
1,4-Dichlorobenzene
Concen: 0.232 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:	146	Resp:	1584
Ion Ratio	Lower	Upper	
146	100		
111	731.9	20.5	61.5#
148	0.0	32.8	98.4#





#89

n-Butylbenzene

Concen: 3.846 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

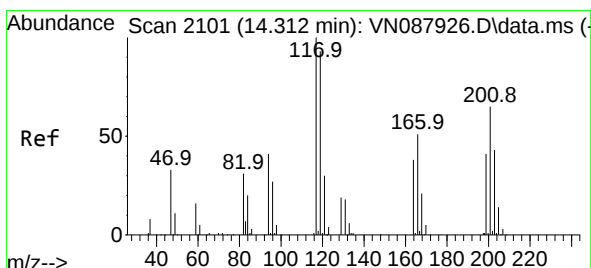
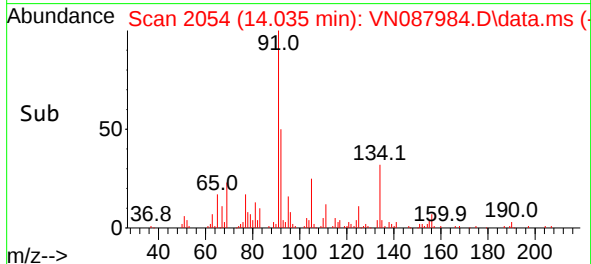
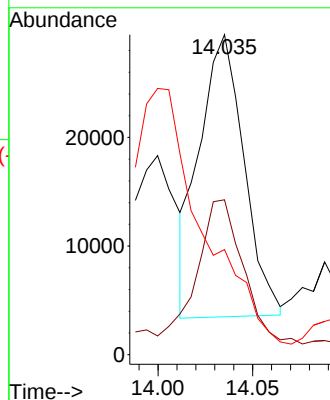
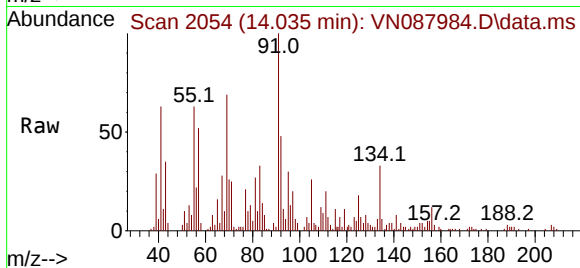
Tgt Ion: 91 Resp: 42345

Ion Ratio Lower Upper

91 100

92 54.1 25.9 77.8

134 0.0 12.6 37.8#



#90

Hexachloroethane

Concen: 6.549 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN087984.D

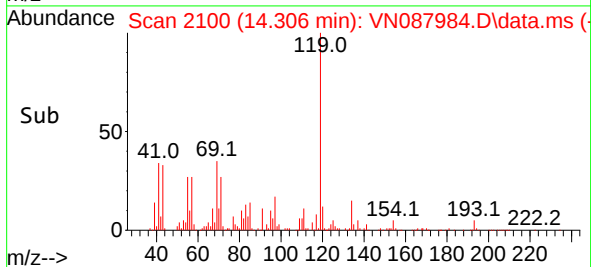
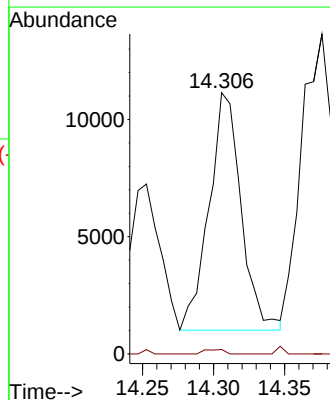
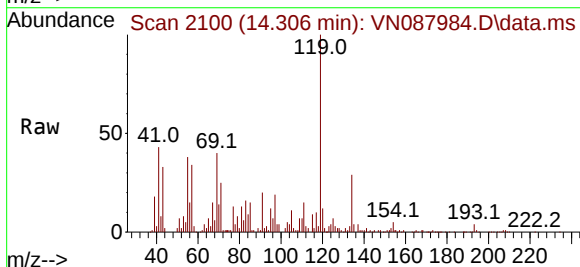
Acq: 29 Sep 2025 15:50

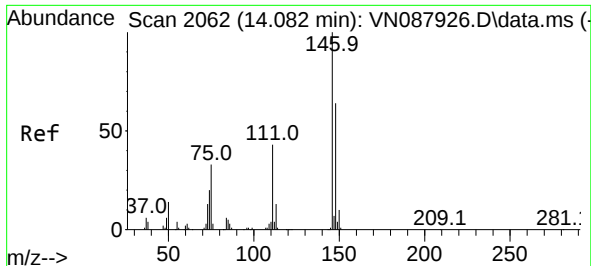
Tgt Ion:117 Resp: 15937

Ion Ratio Lower Upper

117 100

201 1.2 33.6 100.6#

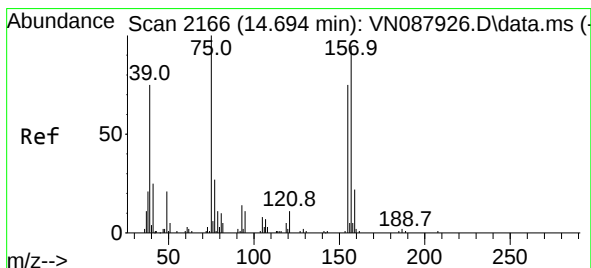
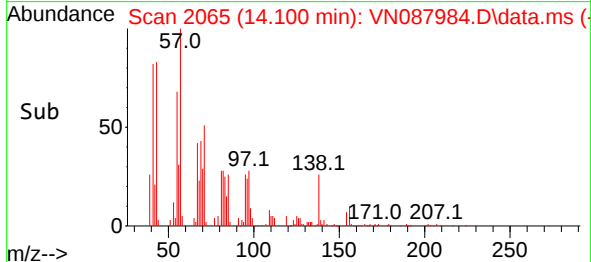
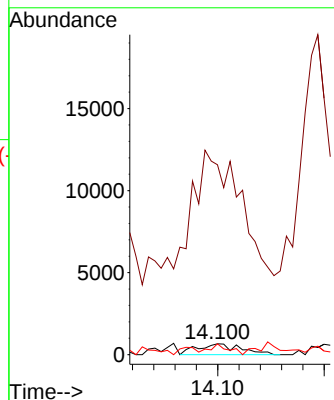
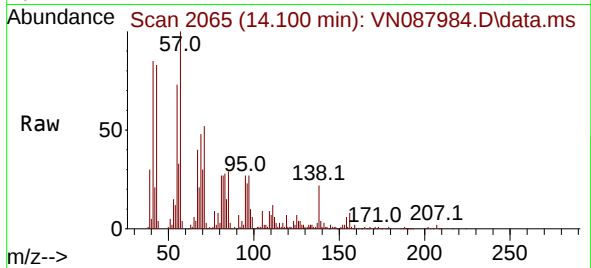




#91
1,2-Dichlorobenzene
Concen: 0.296 ug/l
RT: 14.100 min Scan# 2062
Delta R.T. 0.018 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

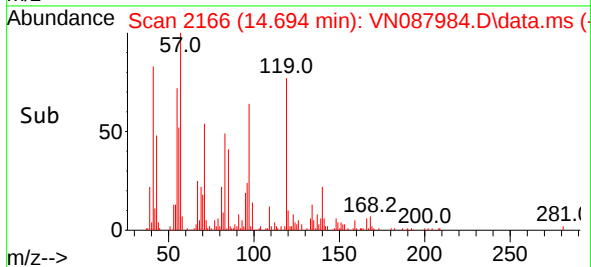
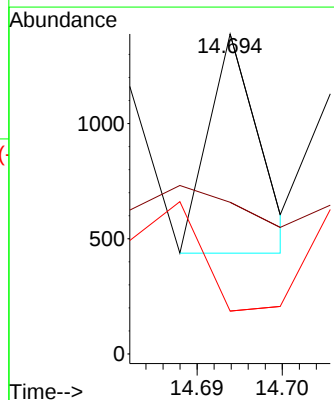
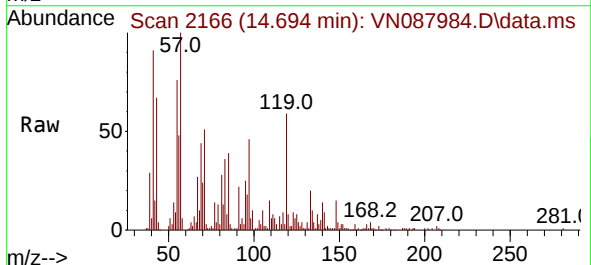
Instrument :
MSVOA_N
ClientSampleId :
4135

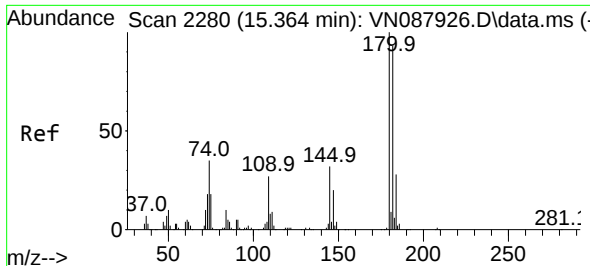
Tgt Ion:146 Resp: 1901
Ion Ratio Lower Upper
146 100
111 1282.2 20.9 62.7#
148 42.7 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.368 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion: 75 Resp: 395
Ion Ratio Lower Upper
75 100
155 114.2 40.2 120.6
157 69.9 50.9 152.7

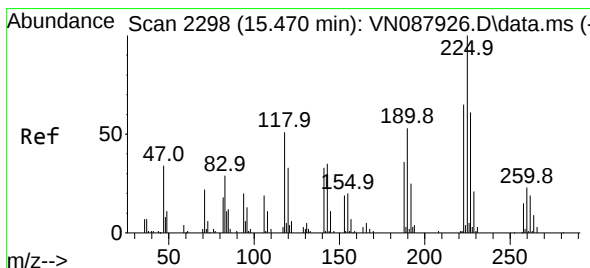
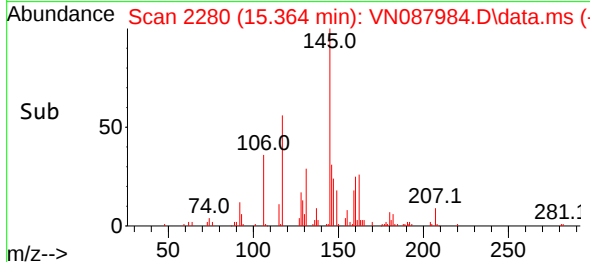
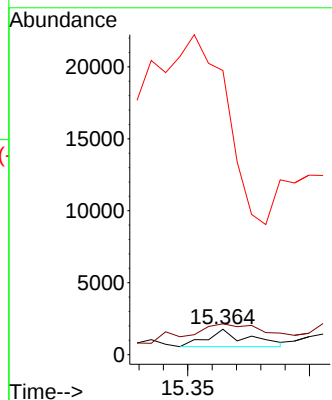
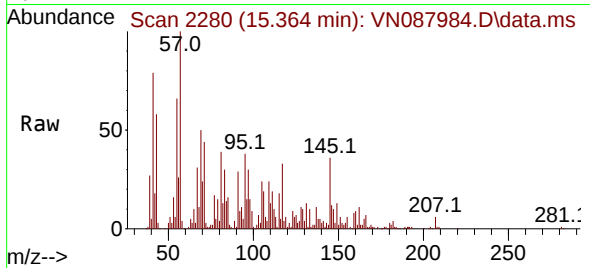




#93
1,2,4-Trichlorobenzene
Concen: 0.386 ug/l
RT: 15.364 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

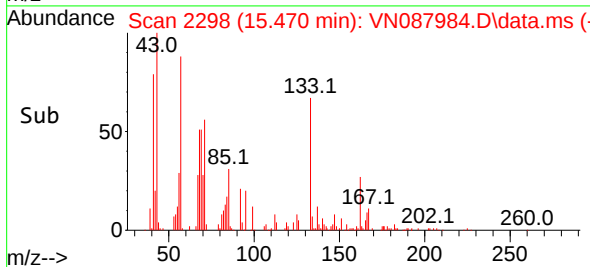
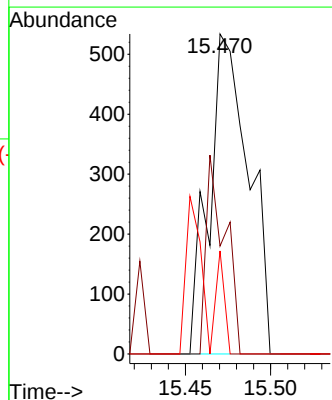
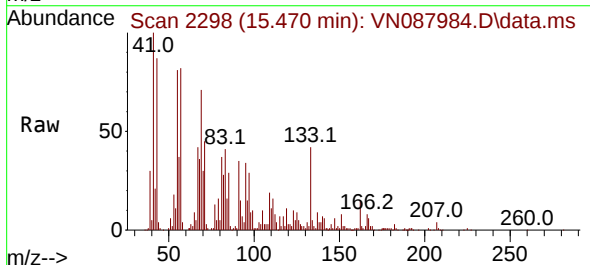
Instrument :
MSVOA_N
ClientSampleId :
4135

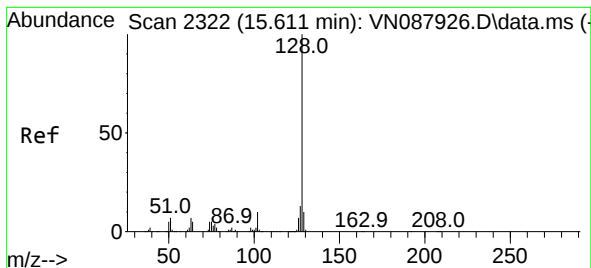
Tgt Ion:180 Resp: 1461
Ion Ratio Lower Upper
180 100
182 228.8 48.5 145.5#
145 4477.1 15.9 47.6#



#94
Hexachlorobutadiene
Concen: 0.621 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN087984.D
Acq: 29 Sep 2025 15:50

Tgt Ion:225 Resp: 866
Ion Ratio Lower Upper
225 100
223 29.8 31.8 95.4#
227 25.3 31.9 95.9#





#95

Naphthalene

Concen: 7.812 ug/l

RT: 15.611 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Instrument :

MSVOA_N

ClientSampleId :

4135

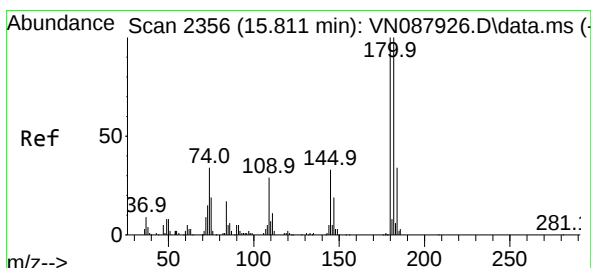
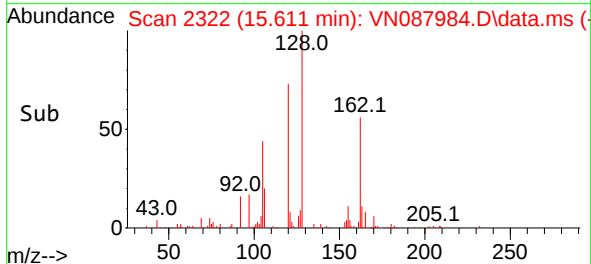
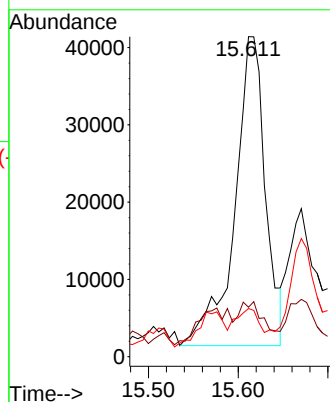
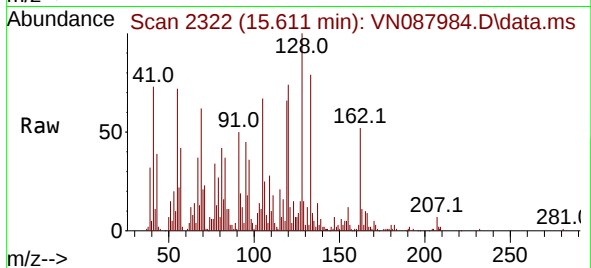
Tgt Ion:128 Resp: 94951

Ion Ratio Lower Upper

128 100

127 11.6 10.2 15.4

129 4.7 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 1.812 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.024 min

Lab File: VN087984.D

Acq: 29 Sep 2025 15:50

Tgt Ion:180 Resp: 6670

Ion Ratio Lower Upper

180 100

182 23.3 47.3 142.0#

145 0.0 16.1 48.3#

