

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091825\
 Data File : VN087886.D
 Acq On : 18 Sep 2025 10:58
 Operator : JC\MD
 Sample : VN0918MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 19 03:01:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	200669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	432061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	409974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	189133	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	188893	45.943	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.880%
35) Dibromofluoromethane	8.147	113	155018	49.694	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.547	98	538390	46.112	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.220%
62) 4-Bromofluorobenzene	12.829	95	180611	43.497	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.000%

Target Compounds			Qvalue			
5) Bromomethane	2.989	94	1360	0.776	ug/l #	69
10) Methyl Iodide	4.583	142	334	6.948	ug/l #	38
11) Tert butyl alcohol	5.500	59	411	0.576	ug/l #	71
13) Acrolein	4.171	56	1161	1.323	ug/l #	37
15) Acrylonitrile	5.700	53	1827	0.908	ug/l #	82
16) Acetone	4.436	43	600	0.268	ug/l #	47
17) Carbon Disulfide	4.694	76	2509	0.315	ug/l #	95
18) Methyl Acetate	5.024	43	1030	0.220	ug/l #	54
20) Methylene Chloride	5.247	84	1459	Below Cal	#	72
23) Vinyl Acetate	6.594	43	3483	0.338	ug/l #	72
25) 2-Butanone	7.477	43	1586	0.539	ug/l #	78
29) Tetrahydrofuran	7.835	42	1097	0.579	ug/l #	71
31) Cyclohexane	8.212	56	5970	1.154	ug/l #	32
36) 1,1-Dichloropropene	8.353	75	981	0.205	ug/l #	58
38) Carbon Tetrachloride	8.206	117	22424	4.746	ug/l #	17
39) Methylcyclohexane	9.594	83	1173	0.223	ug/l #	48
49) 1,4-Dioxane	9.682	88	399	6.374	ug/l #	75
51) 4-Methyl-2-Pentanone	10.435	43	1655	0.269	ug/l #	66
58) 2-Chloroethyl Vinyl ether	10.147	63	677	0.222	ug/l #	66
68) m/p-Xylenes	12.047	106	1876	0.290	ug/l	75
76) 1,2,3-Trichloropropane	12.829	75	102895	23.199	ug/l #	1
78) n-propylbenzene	13.023	91	4064	0.216	ug/l	97
79) 2-Chlorotoluene	13.212	91	2306	0.204	ug/l	79
80) 1,3,5-Trimethylbenzene	13.153	105	2620	0.202	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.829	75	102895	61.417	ug/l #	1
83) tert-Butylbenzene	13.417	119	2660	0.246	ug/l	89
84) 1,2,4-Trimethylbenzene	13.464	105	2732	0.210	ug/l	96
85) sec-Butylbenzene	13.594	105	4532	0.283	ug/l #	78
86) p-Isopropyltoluene	13.706	119	3472	0.262	ug/l	94
87) 1,3-Dichlorobenzene	13.712	146	2237	0.315	ug/l	88
88) 1,4-Dichlorobenzene	13.712	146	2237	0.303	ug/l	90
89) n-Butylbenzene	14.035	91	5306	0.404	ug/l	85
90) Hexachloroethane	14.312	117	874	0.347	ug/l #	54
91) 1,2-Dichlorobenzene	14.082	146	1480	0.220	ug/l	68
93) 1,2,4-Trichlorobenzene	15.364	180	2618	0.648	ug/l	99
94) Hexachlorobutadiene	15.464	225	2151	1.492	ug/l	92

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Instrument :
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Quant Time: Sep 19 03:01:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

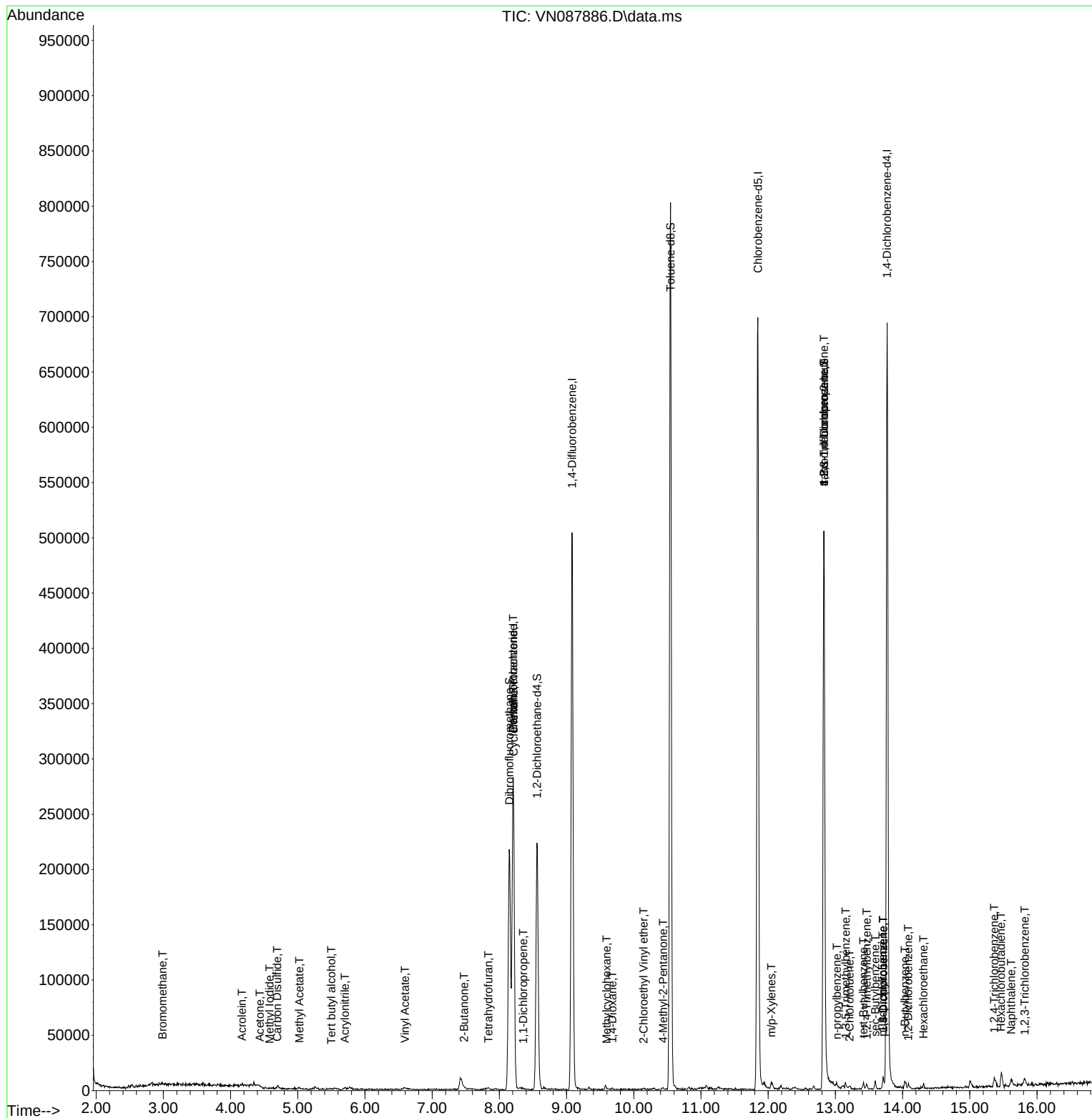
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.617	128	6739	0.471	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.817	180	2758	0.698	ug/l	92

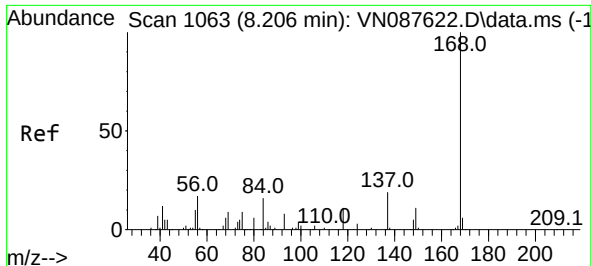
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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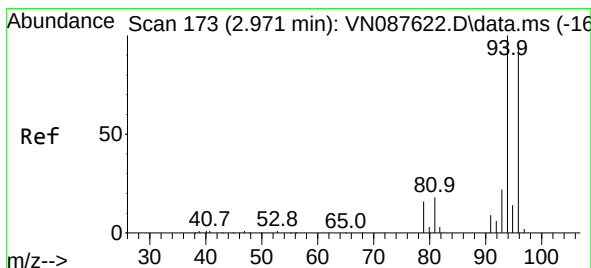
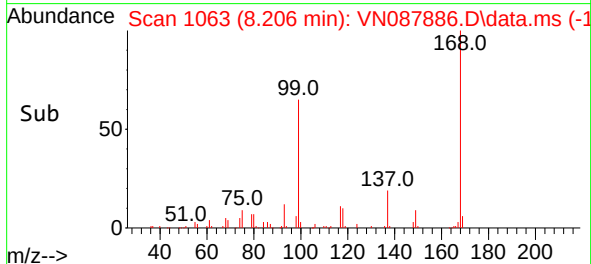
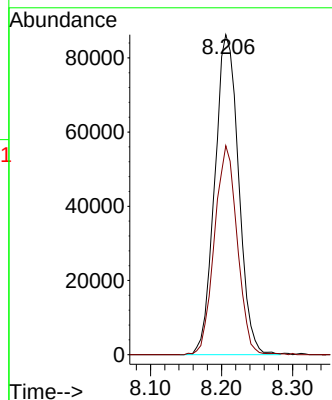
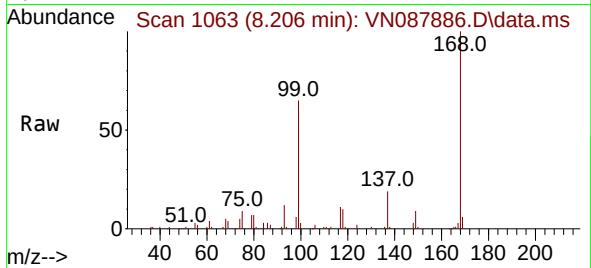




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

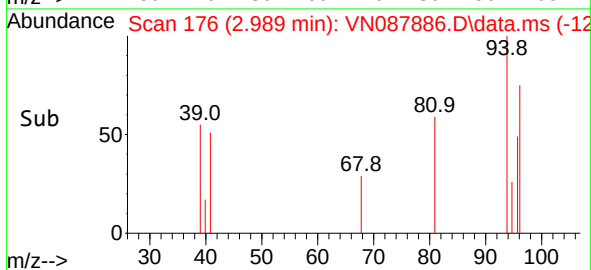
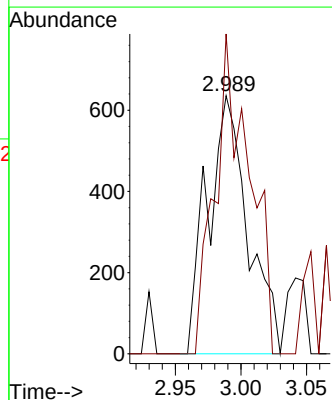
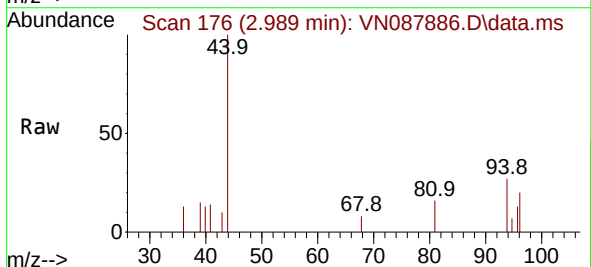
Instrument :
MSVOA_N
ClientSampleId :

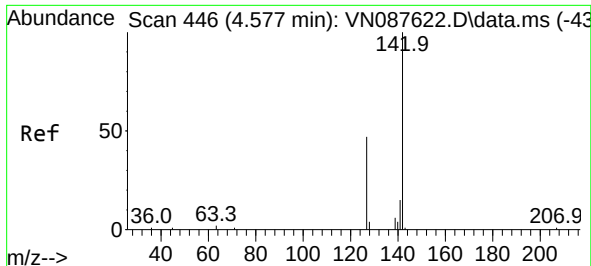
Tgt Ion:168 Resp: 200669
Ion Ratio Lower Upper
168 100
99 65.3 57.2 85.8



#5
Bromomethane
Concen: 0.776 ug/l
RT: 2.989 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

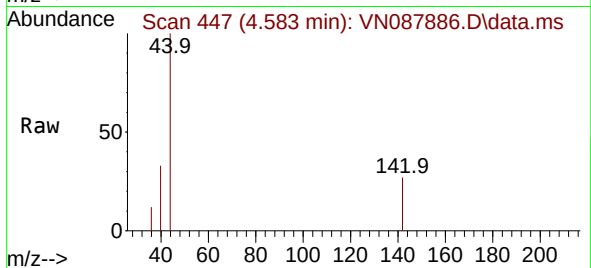
Tgt Ion: 94 Resp: 1360
Ion Ratio Lower Upper
94 100
96 123.9 75.4 113.2#



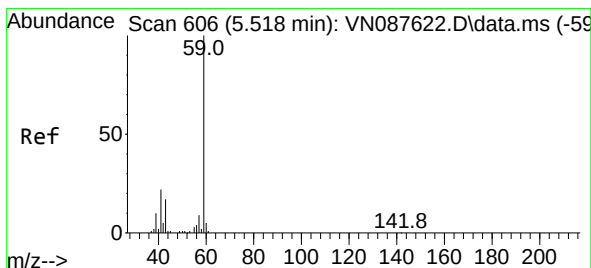
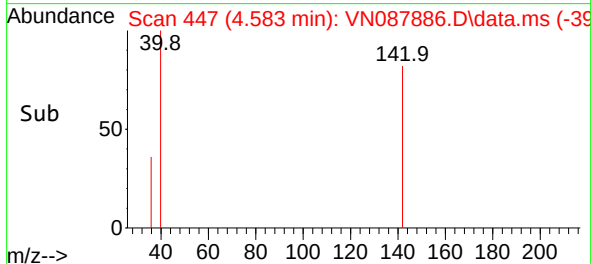
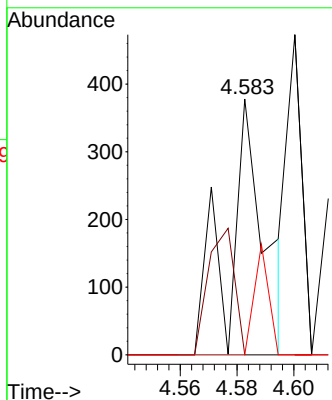


#10
Methyl Iodide
Concen: 6.948 ug/l
RT: 4.583 min Scan# 446
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :

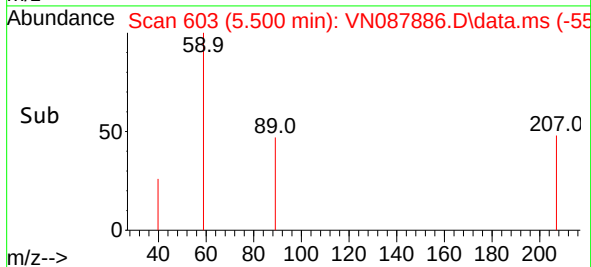
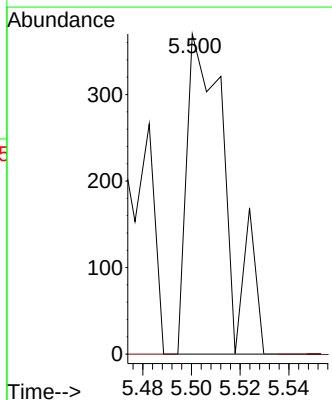
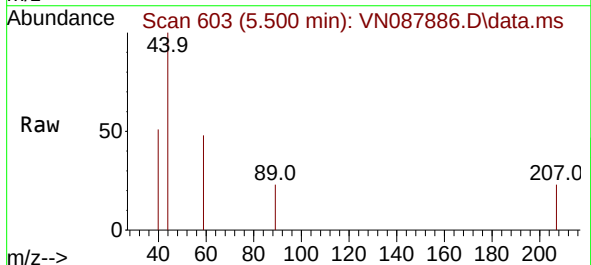


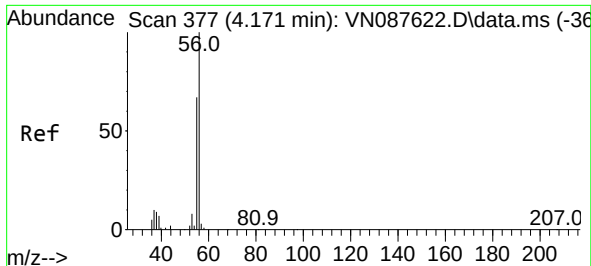
Tgt Ion:142 Resp: 334
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 0.576 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.018 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

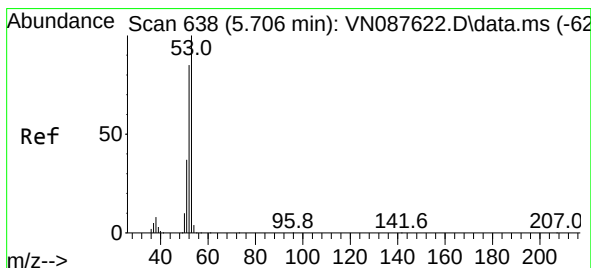
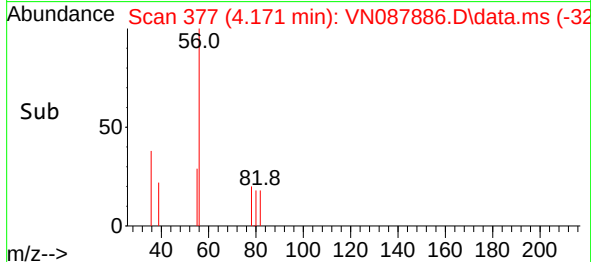
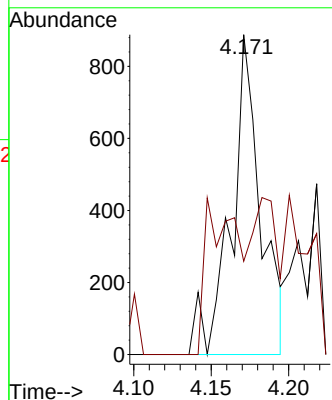
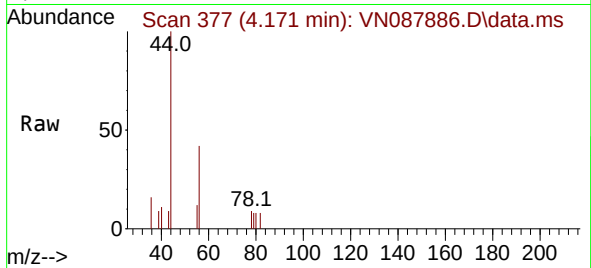




#13
Acrolein
Concen: 1.323 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

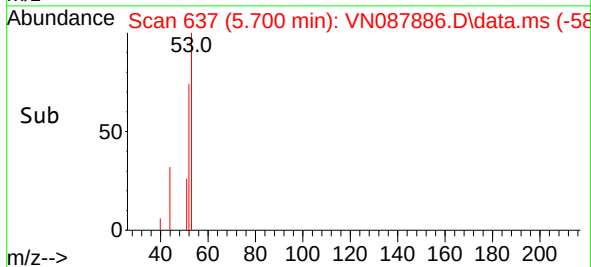
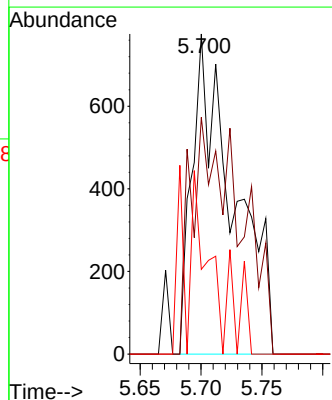
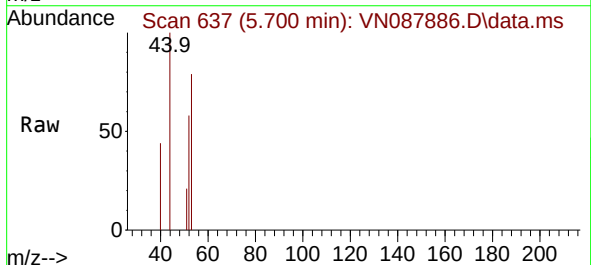
Instrument :
MSVOA_N
ClientSampleId :

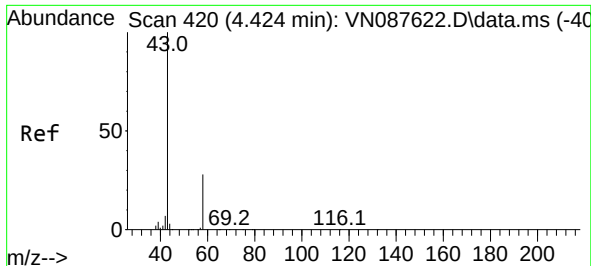
Tgt Ion: 56 Resp: 1161
Ion Ratio Lower Upper
56 100
55 19.0 57.3 85.9#



#15
Acrylonitrile
Concen: 0.908 ug/l
RT: 5.700 min Scan# 637
Delta R.T. -0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 53 Resp: 1827
Ion Ratio Lower Upper
53 100
52 71.1 67.6 101.4
51 21.5 30.1 45.1#

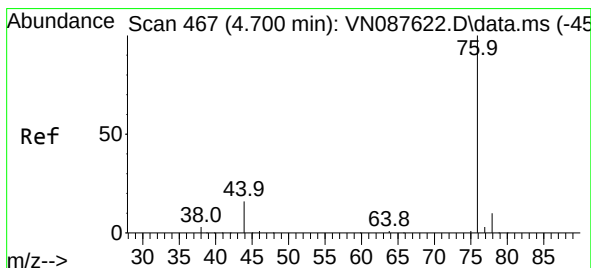
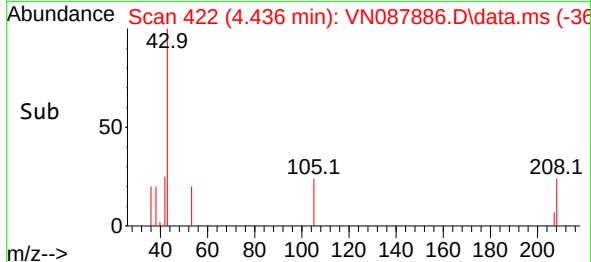
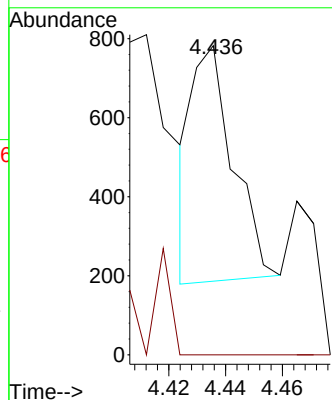
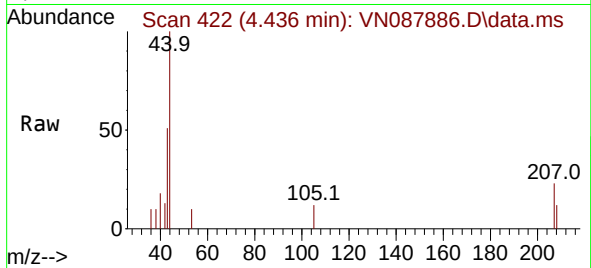




#16
Acetone
Concen: 0.268 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

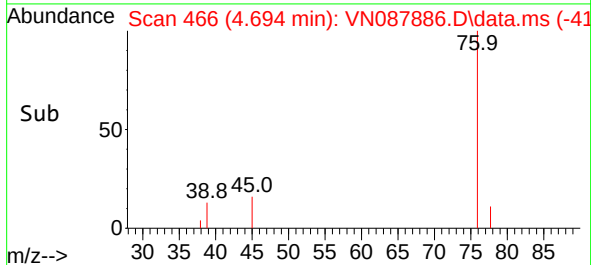
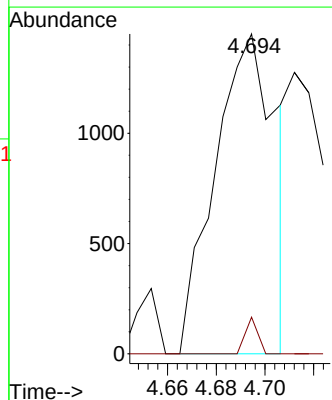
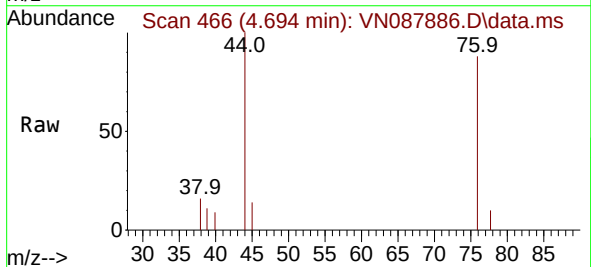
Instrument :
MSVOA_N
ClientSampleId :

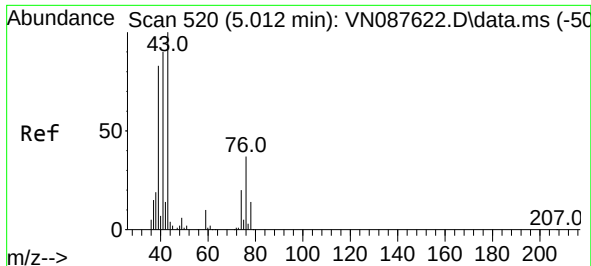
Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.315 ug/l
RT: 4.694 min Scan# 466
Delta R.T. -0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

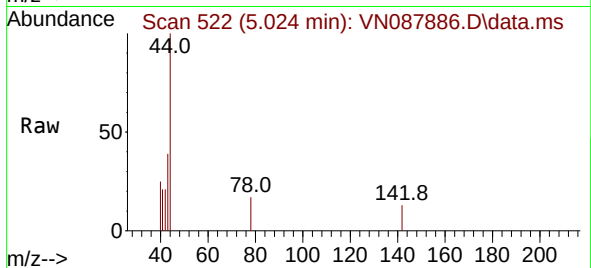
Tgt Ion: 76 Resp: 2509
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4#



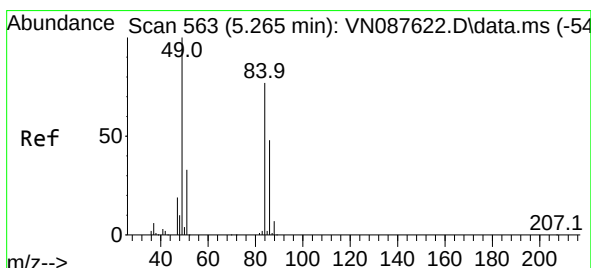
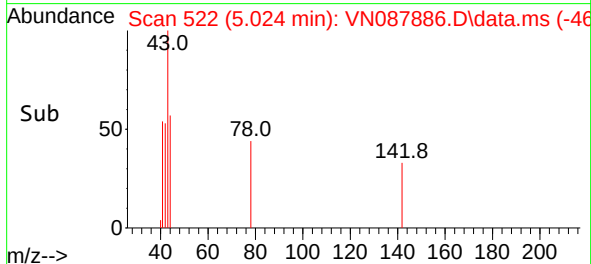
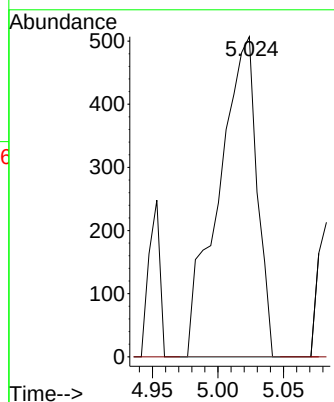


#18
Methyl Acetate
Concen: 0.220 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :

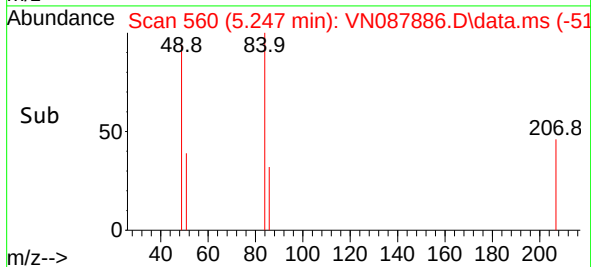
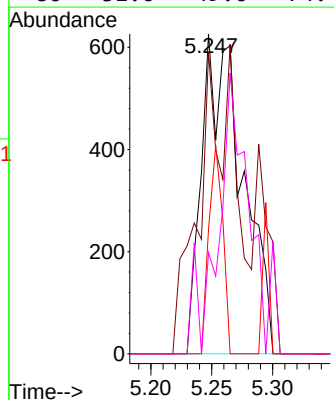
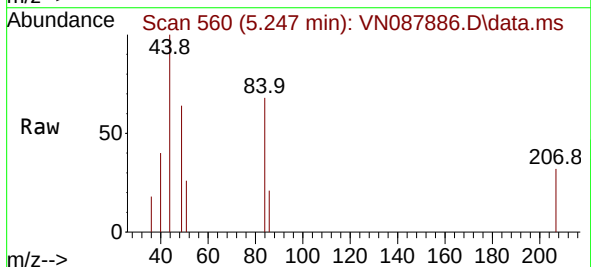


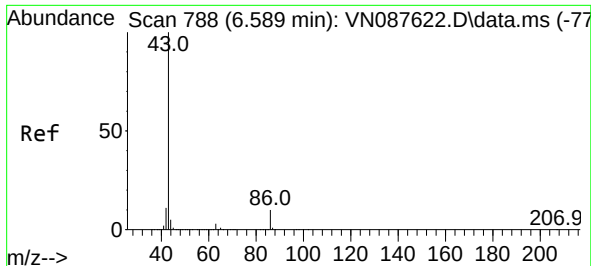
Tgt Ion: 43 Resp: 1030
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.247 min Scan# 560
Delta R.T. -0.018 min
Lab File: VN087886.D
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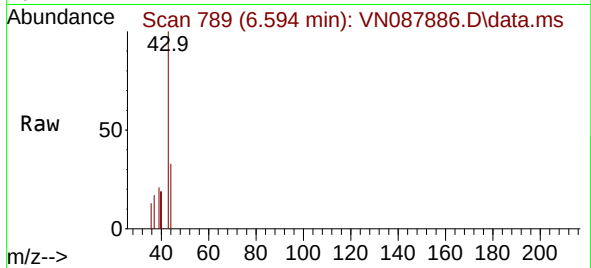
Tgt Ion: 84 Resp: 1459
Ion Ratio Lower Upper
84 100
49 94.2 103.4 155.2#
51 39.0 33.8 50.8
86 31.6 49.6 74.4#



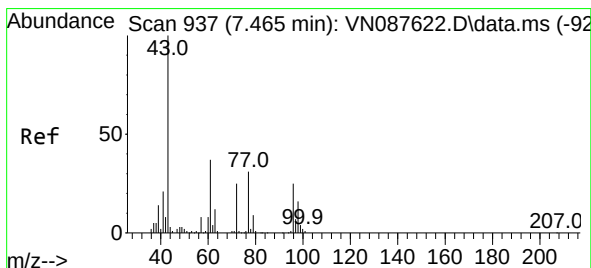
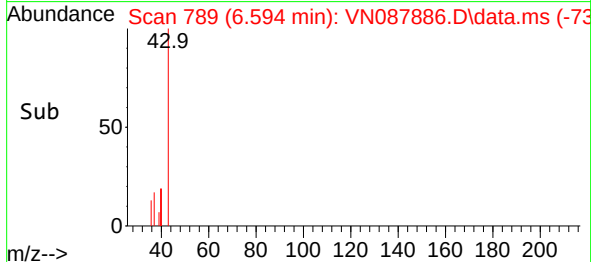
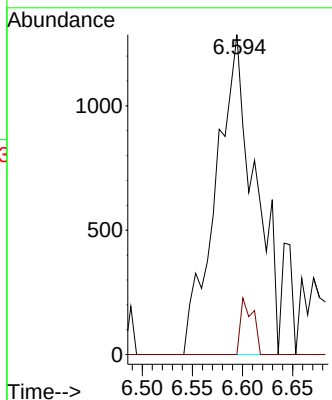


#23
 Vinyl Acetate
 Concen: 0.338 ug/l
 RT: 6.594 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VN087886.D
 Acq: 18 Sep 2025 10:58

Instrument :
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 ClientSampleId :

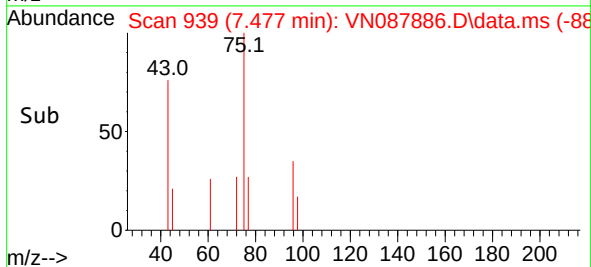
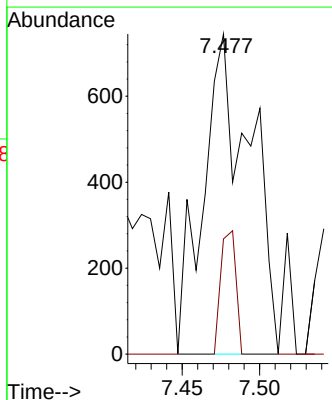
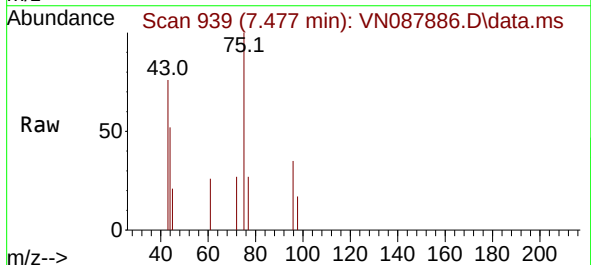


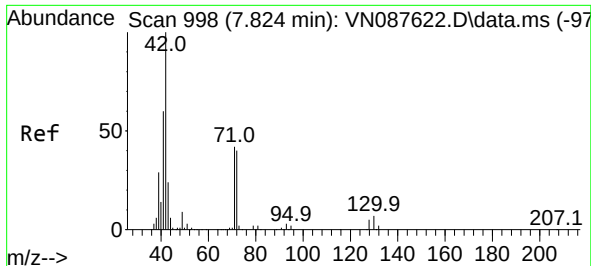
Tgt Ion: 43 Resp: 3483
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 0.539 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.012 min
 Lab File: VN087886.D
 Acq: 18 Sep 2025 10:58

Tgt Ion: 43 Resp: 1586
 Ion Ratio Lower Upper
 43 100
 72 36.0 19.9 29.9#





#29

Tetrahydrofuran

Concen: 0.579 ug/l

RT: 7.835 min Scan# 1097

Delta R.T. 0.012 min

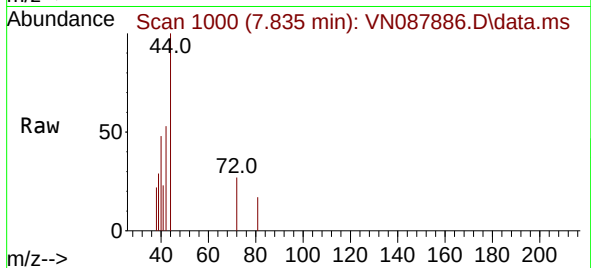
Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

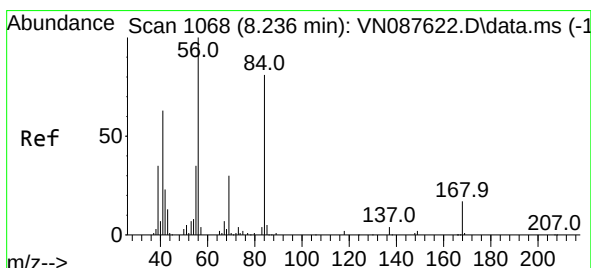
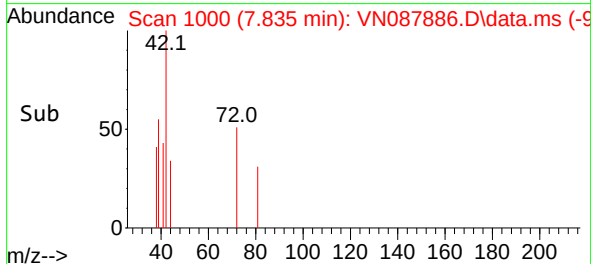
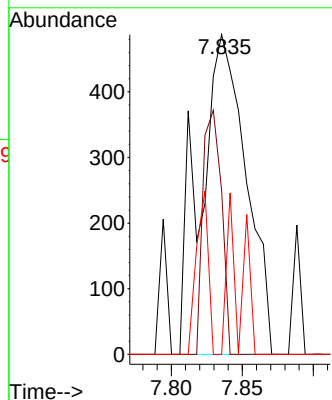
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1097
Ion Ratio	100	Lower	Upper
42	100		
72	30.7	33.7	50.5#
71	14.8	31.9	47.9#



#31

Cyclohexane

Concen: 1.154 ug/l

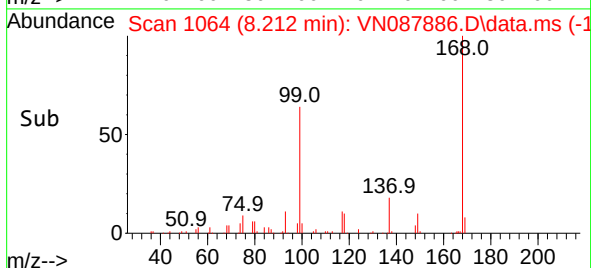
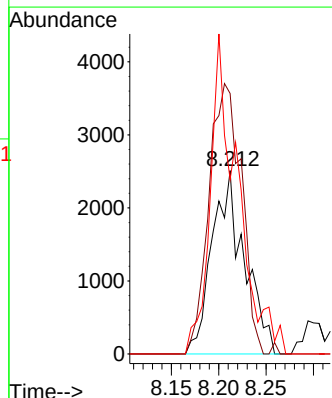
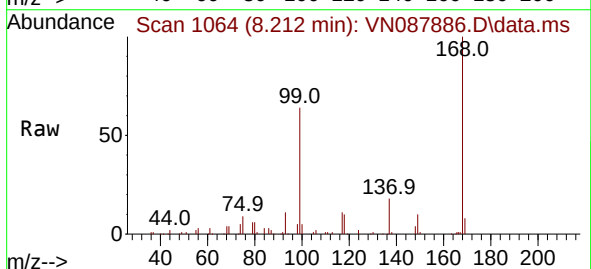
RT: 8.212 min Scan# 1064

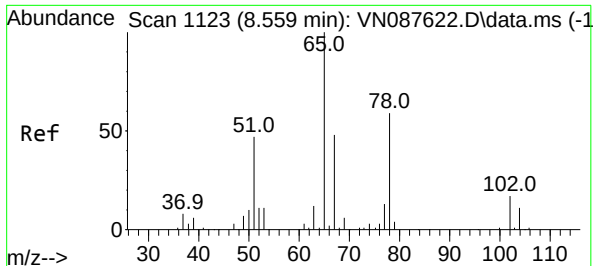
Delta R.T. -0.024 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

Tgt Ion:	56	Resp:	5970
Ion Ratio	100	Lower	Upper
56	100		
69	142.0	23.7	35.5#
84	95.1	64.7	97.1





#33

1,2-Dichloroethane-d4

Concen: 45.943 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_N

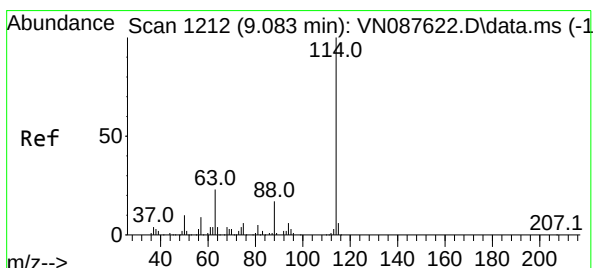
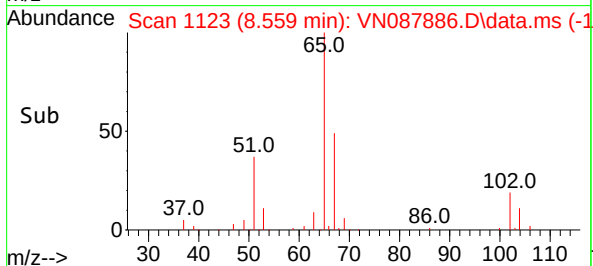
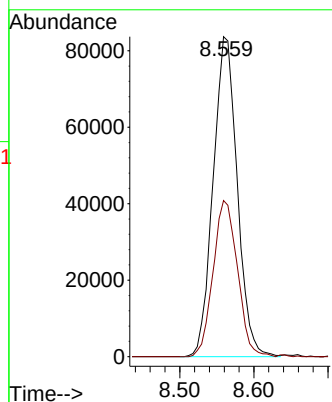
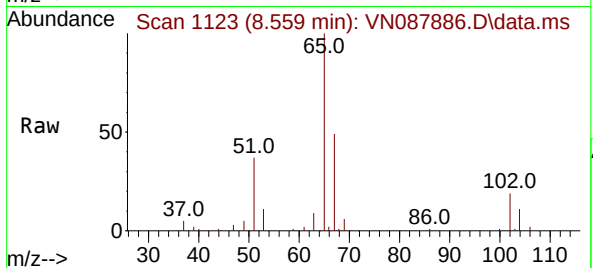
ClientSampleId :

Tgt Ion: 65 Resp: 188893

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

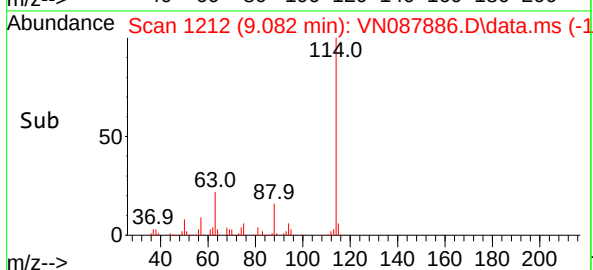
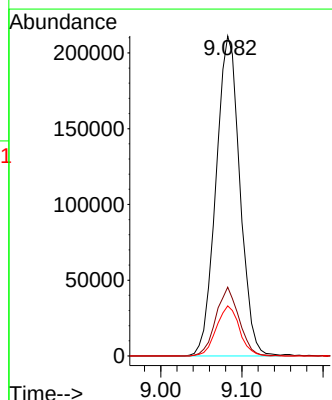
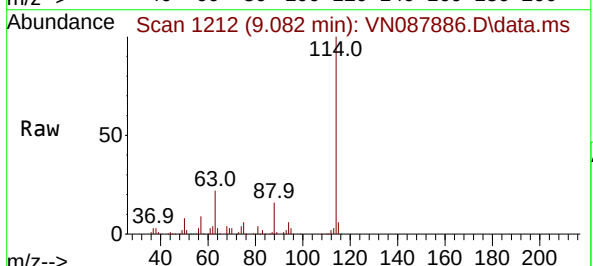
Tgt Ion: 114 Resp: 432061

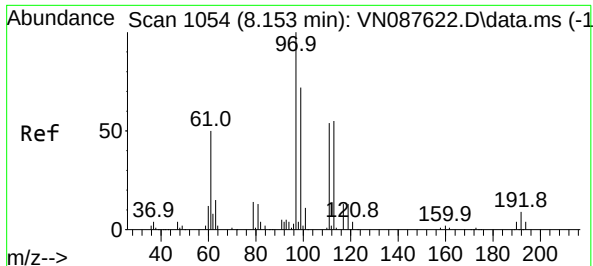
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.2

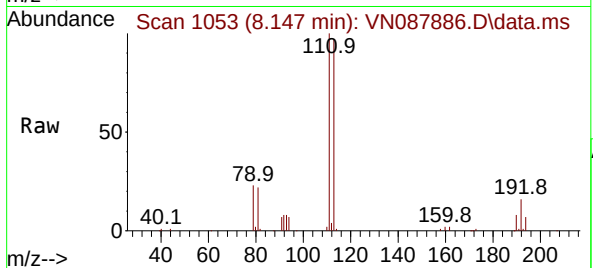
88 15.7 0.0 33.4



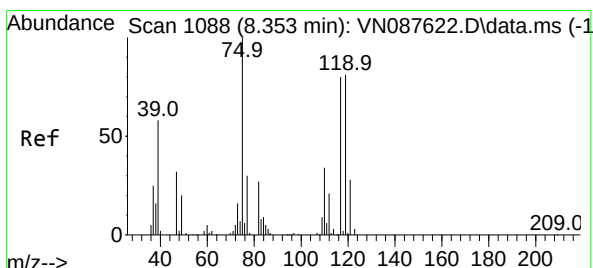
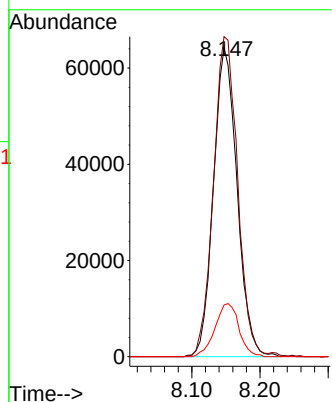
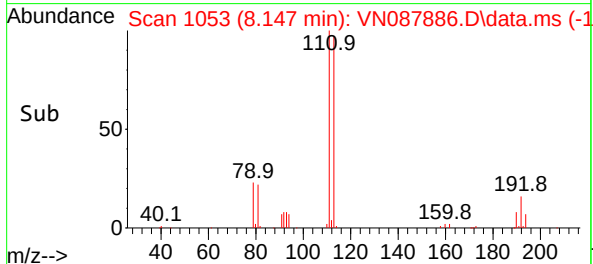


#35
Dibromofluoromethane
Concen: 49.694 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :

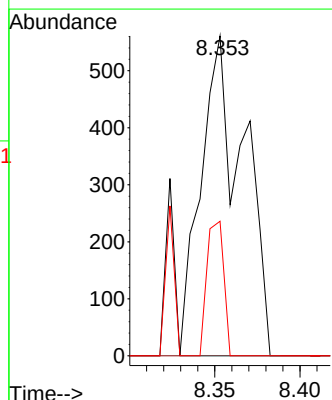
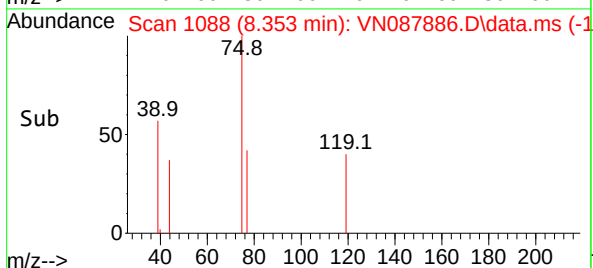
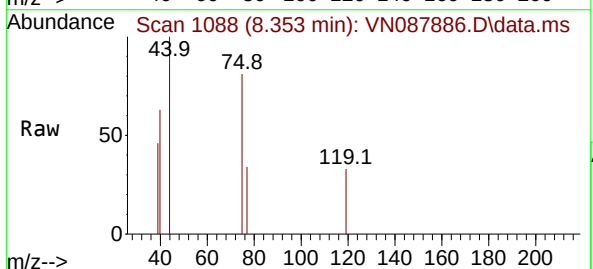


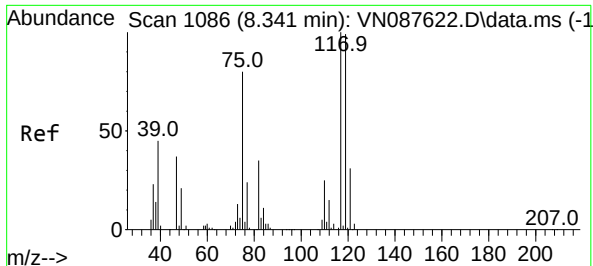
Tgt Ion:113 Resp: 155018
Ion Ratio Lower Upper
113 100
111 105.9 82.8 124.2
192 17.5 12.8 19.2



#36
1,1-Dichloropropene
Concen: 0.205 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

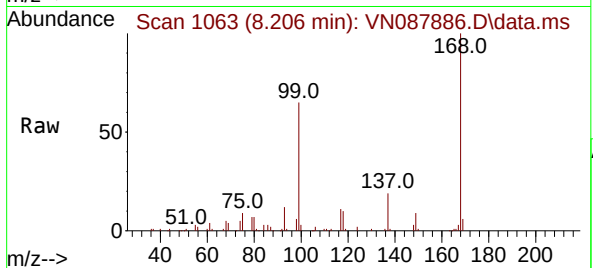
Tgt Ion: 75 Resp: 981
Ion Ratio Lower Upper
75 100
110 0.0 15.9 47.6#
77 16.5 24.4 36.6#



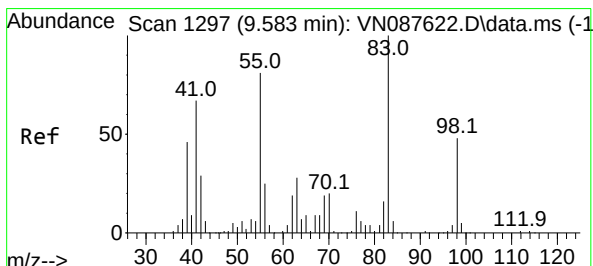
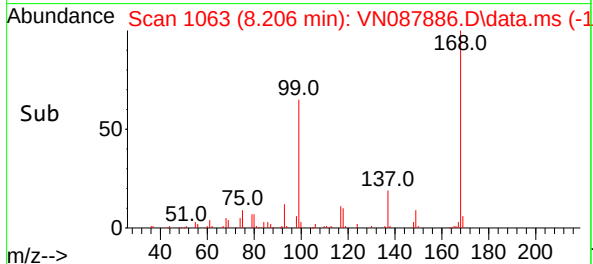
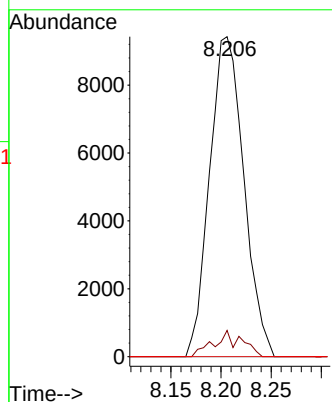


#38
Carbon Tetrachloride
Concen: 4.746 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :

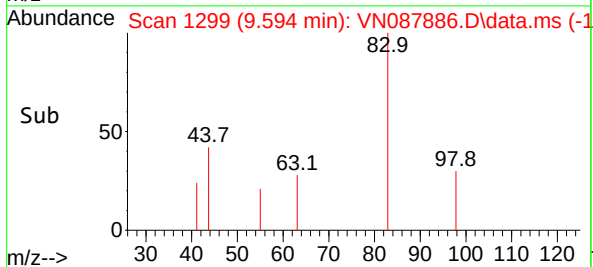
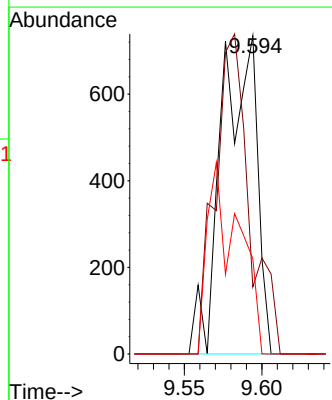
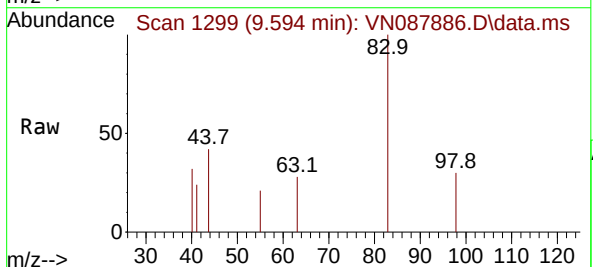


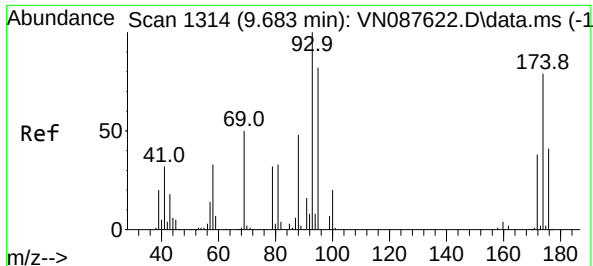
Tgt Ion:117 Resp: 22424
Ion Ratio Lower Upper
117 100
119 8.2 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 0.223 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. 0.012 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 83 Resp: 1173
Ion Ratio Lower Upper
83 100
55 21.1 64.6 96.8#
98 29.9 38.4 57.6#





#49

1,4-Dioxane

Concen: 6.374 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_N

ClientSampleId :

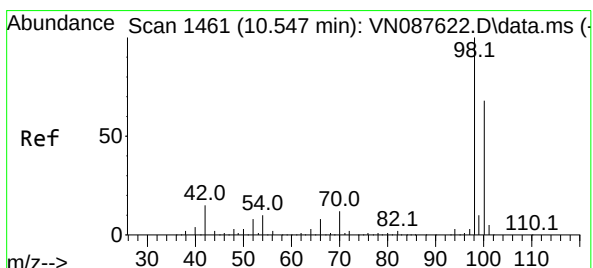
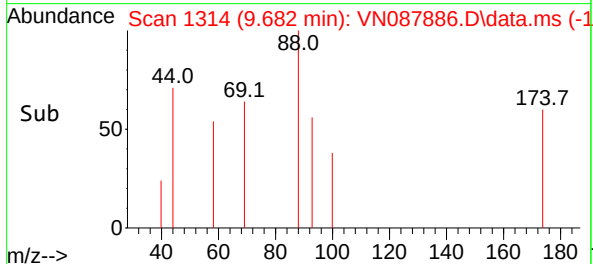
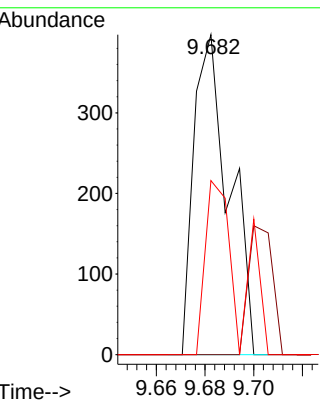
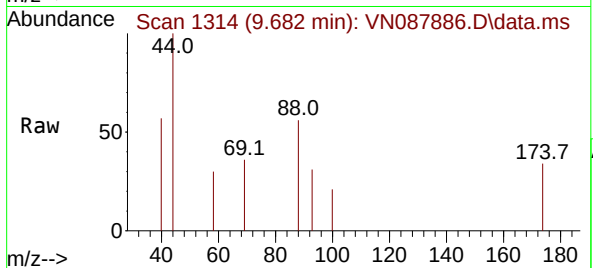
Tgt Ion: 88 Resp: 399

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 51.1 57.9 86.9#



#50

Toluene-d8

Concen: 46.112 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087886.D

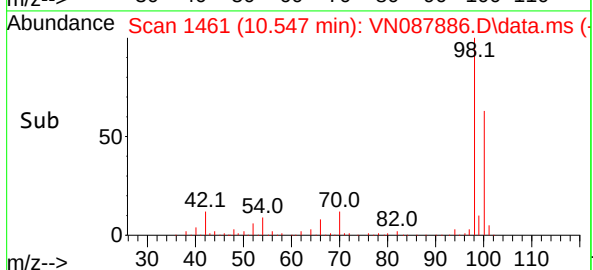
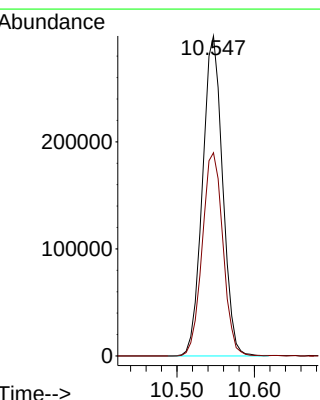
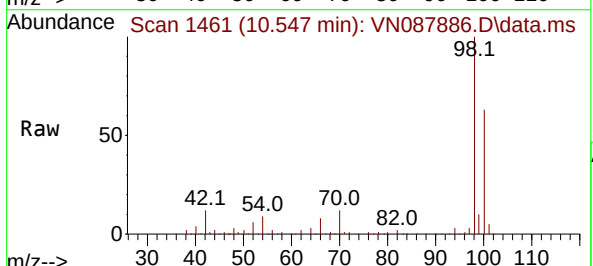
Acq: 18 Sep 2025 10:58

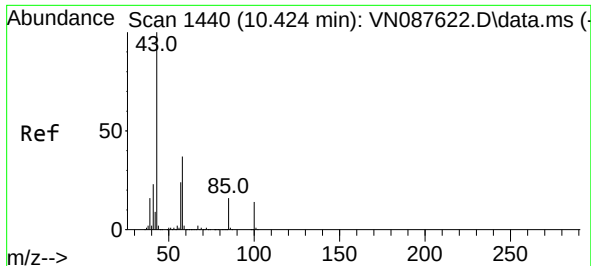
Tgt Ion: 98 Resp: 538390

Ion Ratio Lower Upper

98 100

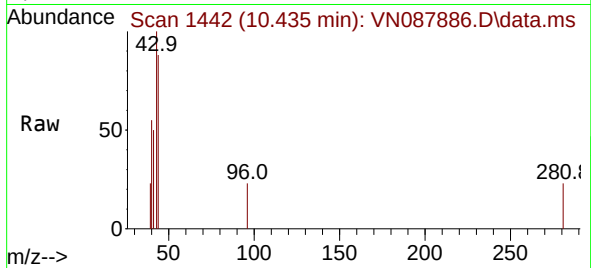
100 65.4 52.8 79.2



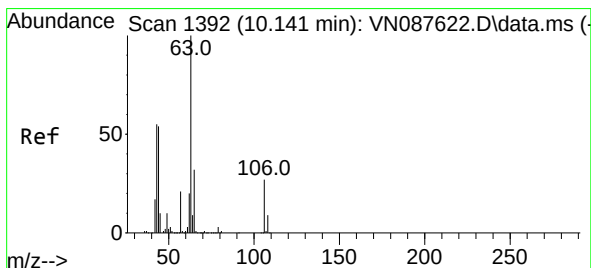
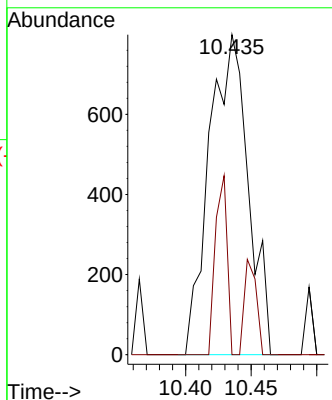
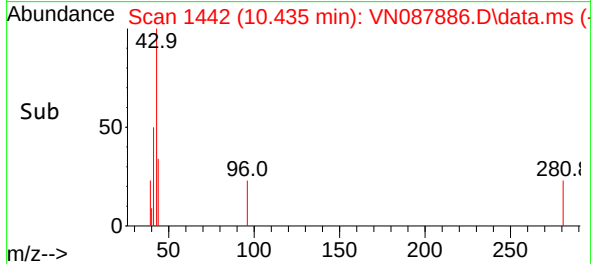


#51
4-Methyl-2-Pentanone
Concen: 0.269 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.012 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :

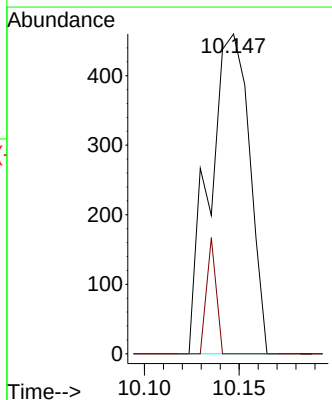
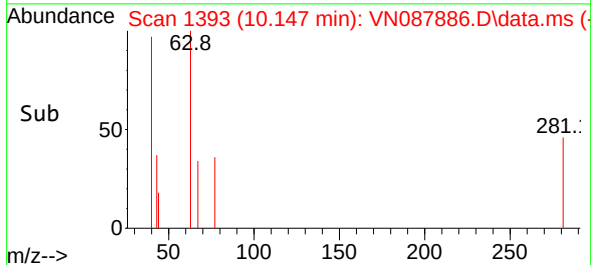
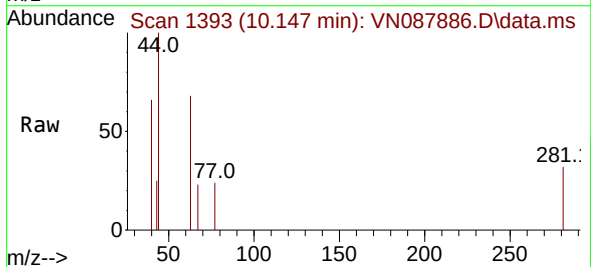


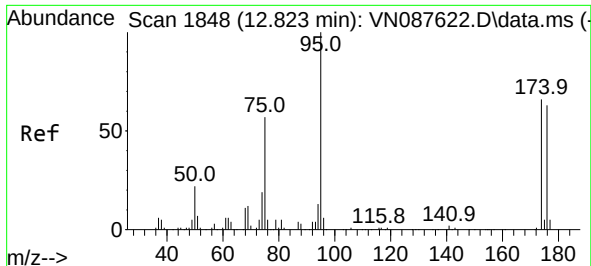
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 16.9 29.6 44.4#



#58
2-Chloroethyl Vinyl ether
Concen: 0.222 ug/l
RT: 10.147 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 63 Resp: 677
Ion Ratio Lower Upper
63 100
106 8.7 21.1 31.7#

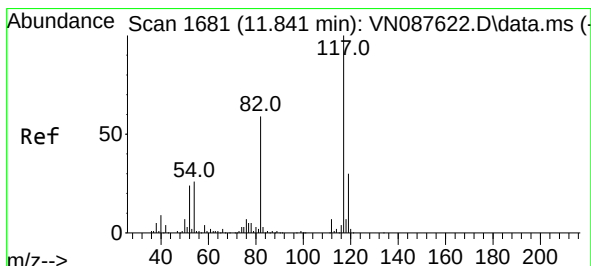
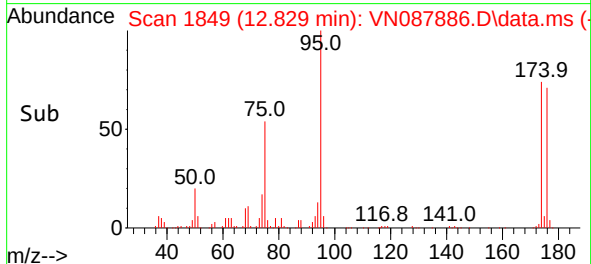
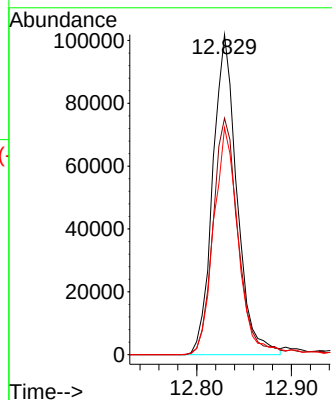
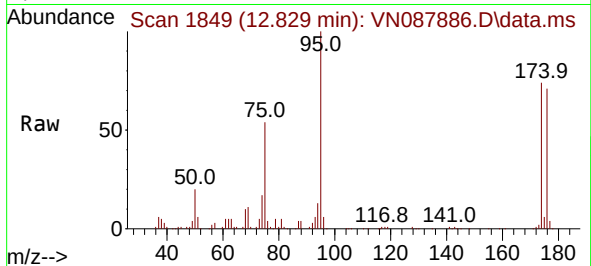




#62
4-Bromofluorobenzene
Concen: 43.497 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

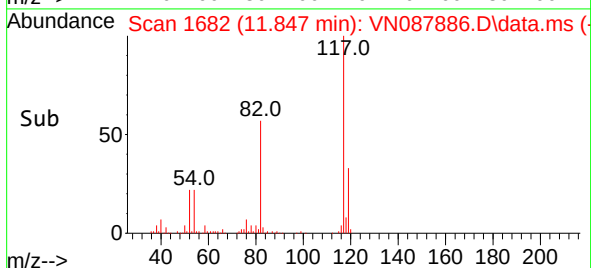
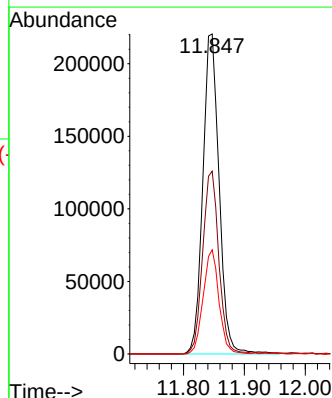
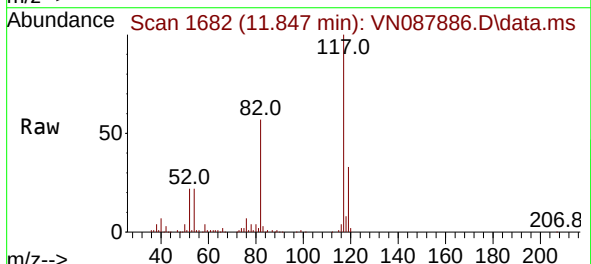
Instrument :
MSVOA_N
ClientSampleId :

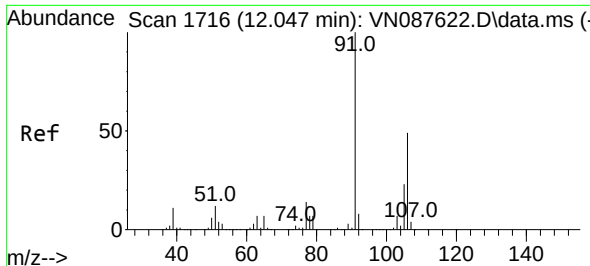
Tgt Ion: 95 Resp: 180611
Ion Ratio Lower Upper
95 100
174 76.7 0.0 138.4
176 73.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 117 Resp: 409974
Ion Ratio Lower Upper
117 100
82 57.1 47.4 71.2
119 32.6 24.3 36.5

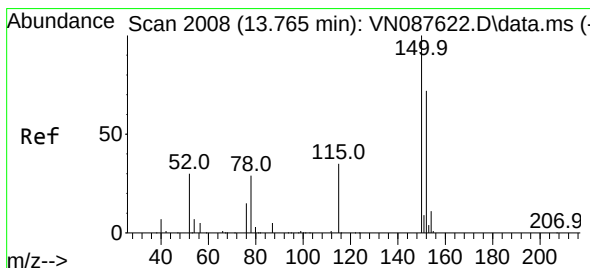
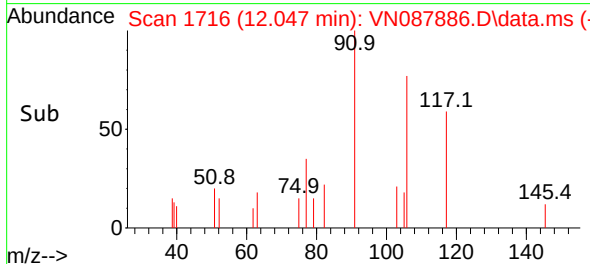
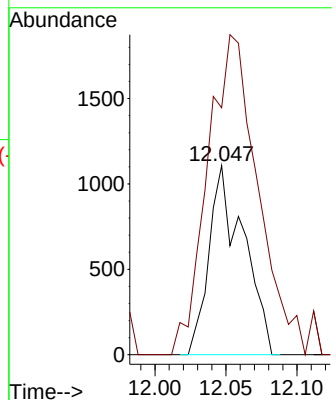
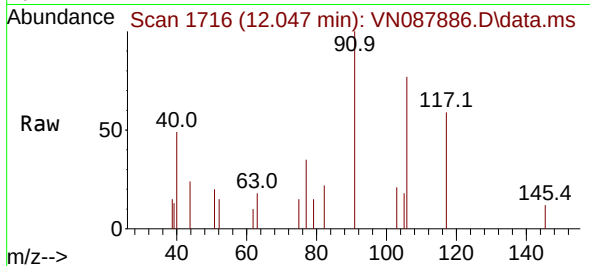




#68
m/p-Xylenes
Concen: 0.290 ug/l
RT: 12.047 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

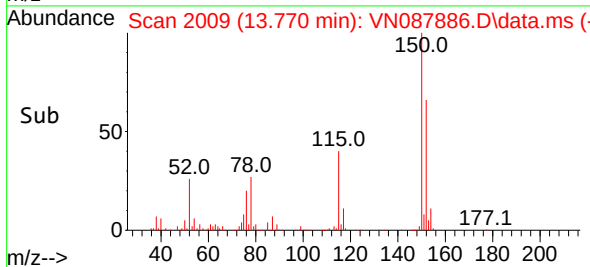
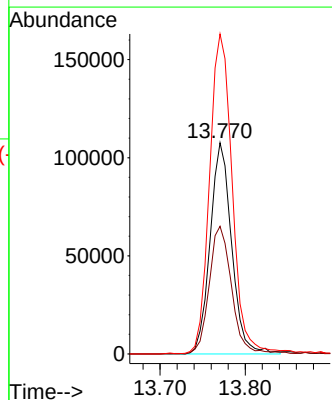
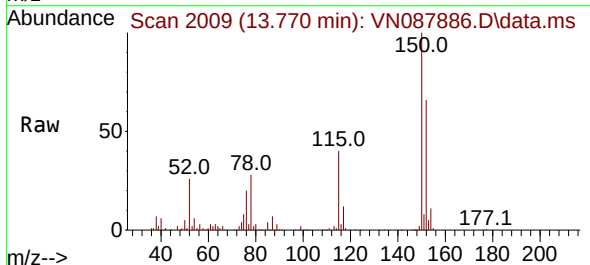
Instrument :
MSVOA_N
ClientSampleId :

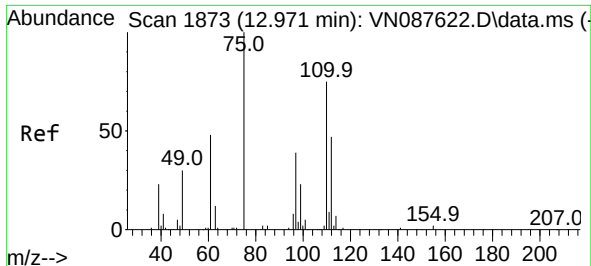
Tgt Ion:106 Resp: 1876
Ion Ratio Lower Upper
106 100
91 250.3 169.3 253.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion:152 Resp: 189133
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 159.7 0.0 351.0

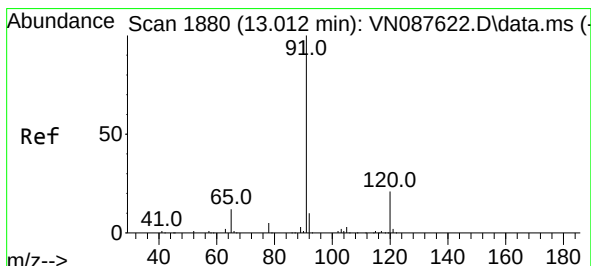
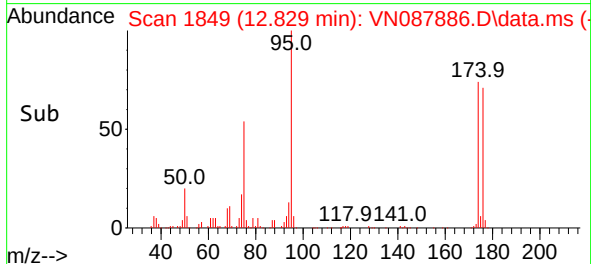
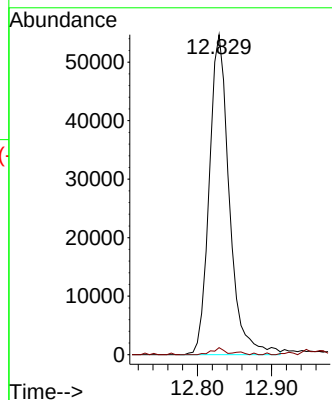
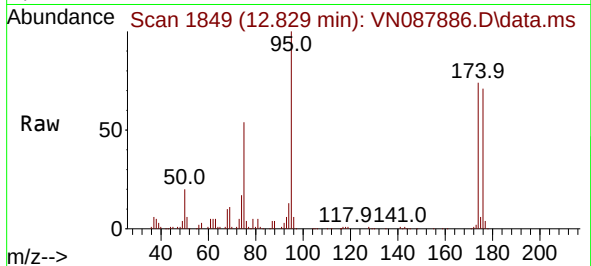




#76
1,2,3-Trichloropropane
Concen: 23.199 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

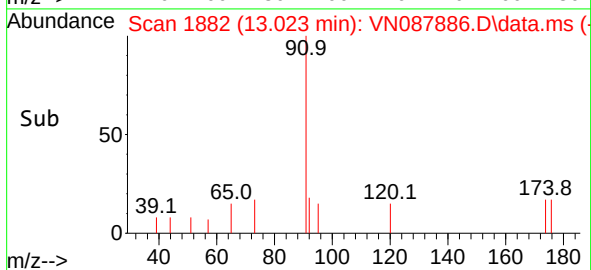
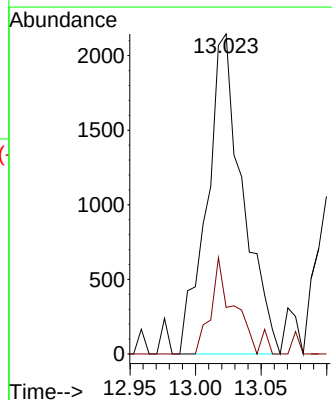
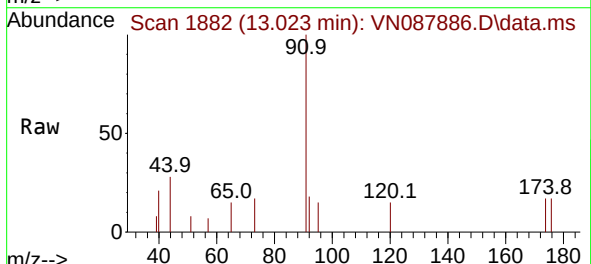
Instrument :
MSVOA_N
ClientSampleId :

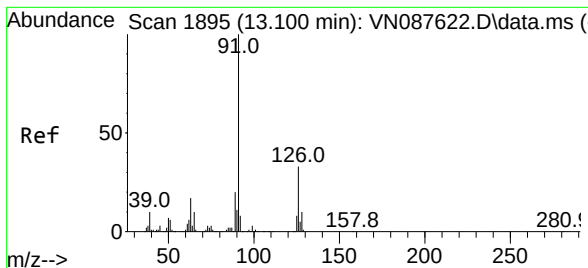
Tgt Ion: 75 Resp: 102895
Ion Ratio Lower Upper
75 100
77 1.4 89.1 267.4#



#78
n-propylbenzene
Concen: 0.216 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion: 91 Resp: 4064
Ion Ratio Lower Upper
91 100
120 20.1 10.7 32.1

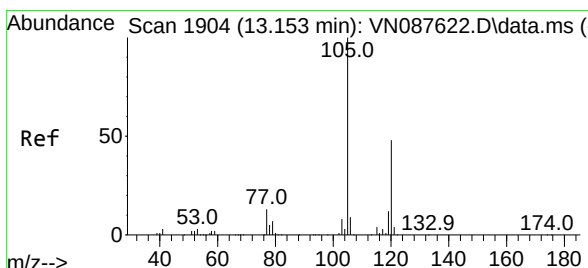
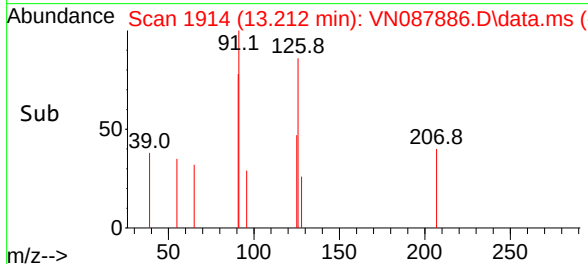
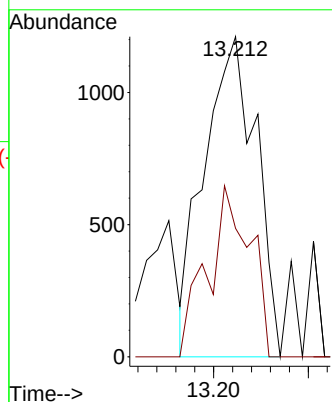
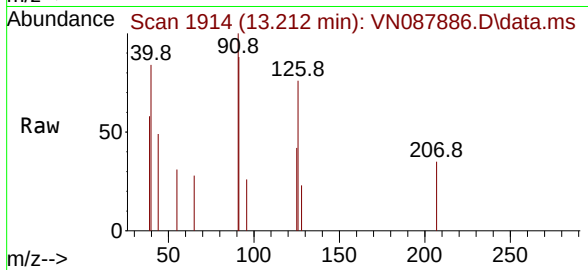




#79
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. 0.112 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

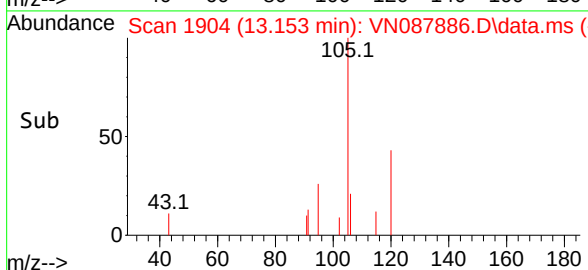
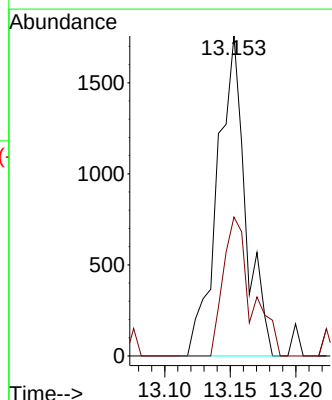
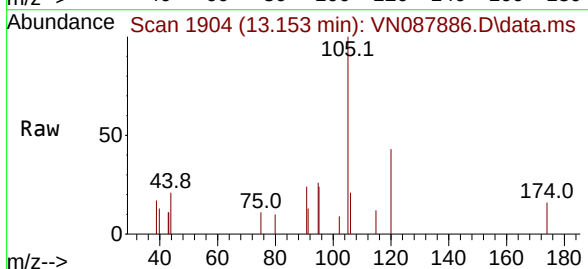
Instrument :
MSVOA_N
ClientSampleId :

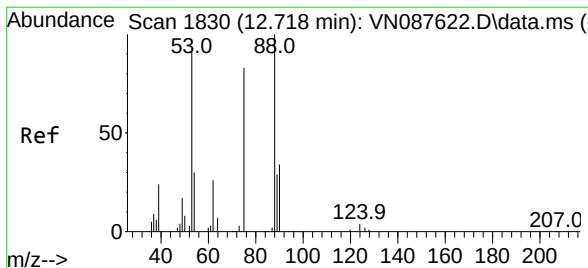
Tgt Ion: 91 Resp: 2306
Ion Ratio Lower Upper
91 100
126 43.8 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 0.202 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

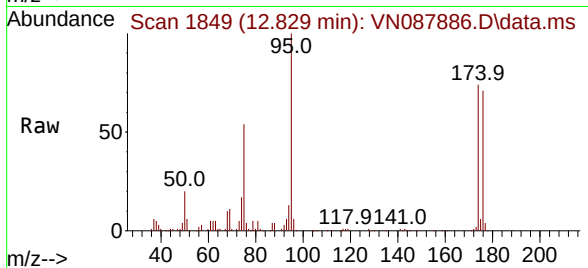
Tgt Ion:105 Resp: 2620
Ion Ratio Lower Upper
105 100
120 43.2 23.2 69.6



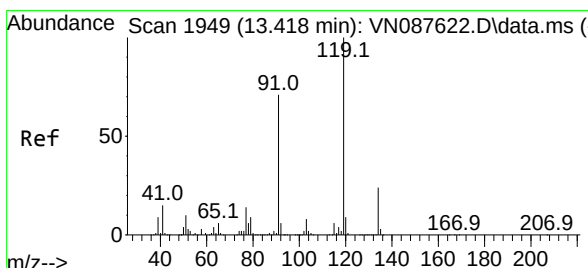
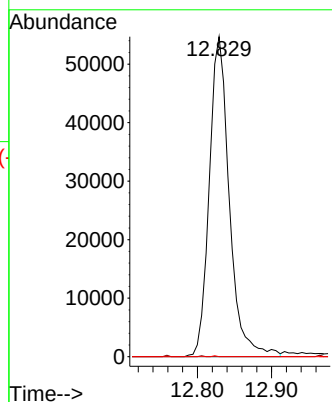
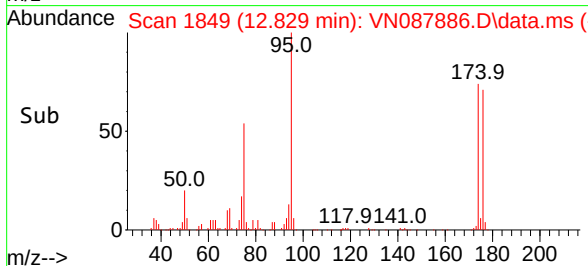


#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.417 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN087886.D
 Acq: 18 Sep 2025 10:58

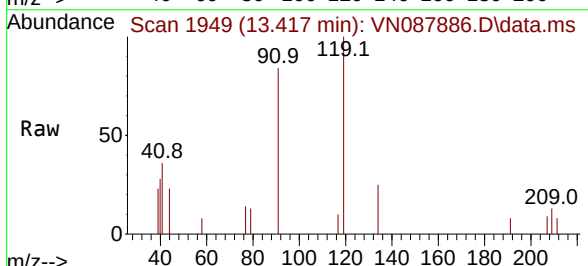
Instrument :
 MSVOA_N
 ClientSampleId :



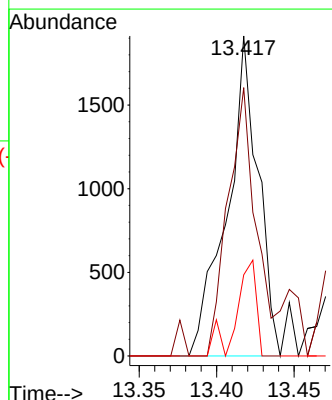
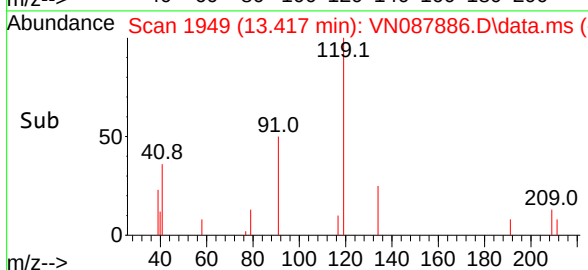
Tgt Ion: 75 Resp: 102895
 Ion Ratio Lower Upper
 75 100
 53 0.0 101.8 152.6#
 89 0.1 35.6 53.4#

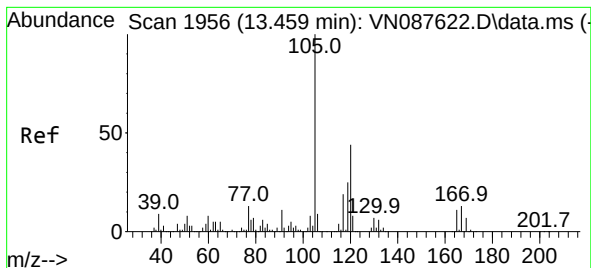


#83
 tert-Butylbenzene
 Concen: 0.246 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087886.D
 Acq: 18 Sep 2025 10:58



Tgt Ion: 119 Resp: 2660
 Ion Ratio Lower Upper
 119 100
 91 78.3 35.0 105.0
 134 19.1 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 0.210 ug/l

RT: 13.464 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_N

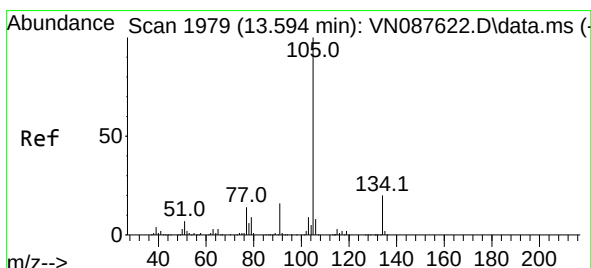
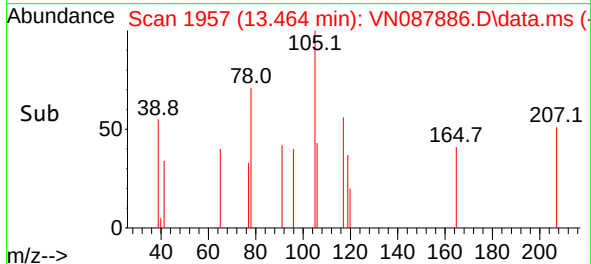
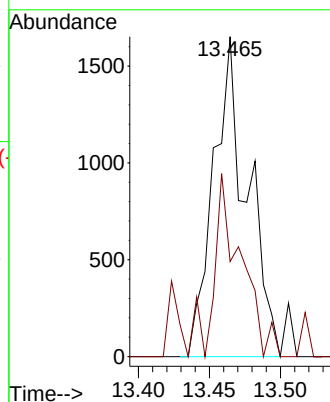
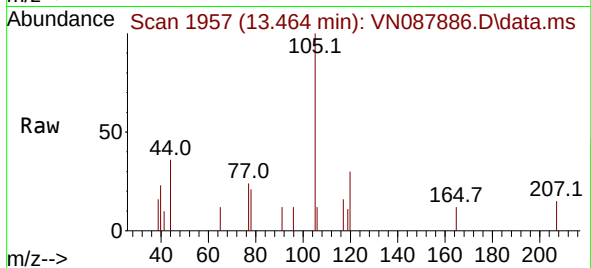
ClientSampleId :

Tgt Ion:105 Resp: 2732

Ion Ratio Lower Upper

105 100

120 46.3 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.283 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087886.D

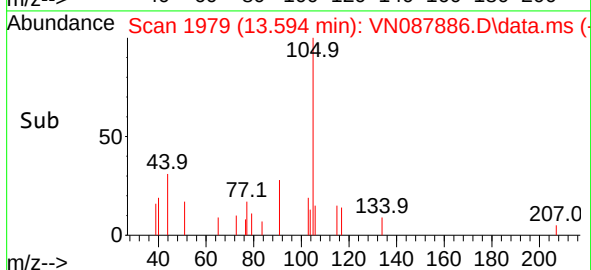
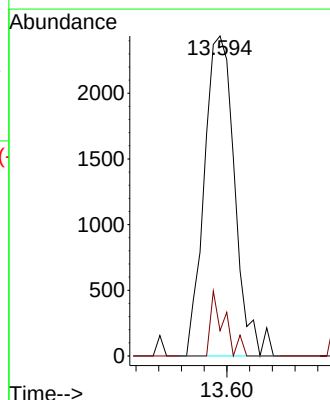
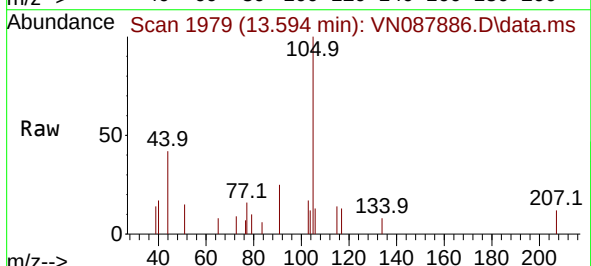
Acq: 18 Sep 2025 10:58

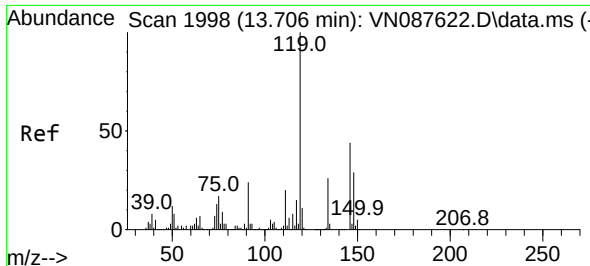
Tgt Ion:105 Resp: 4532

Ion Ratio Lower Upper

105 100

134 9.2 9.6 28.6#

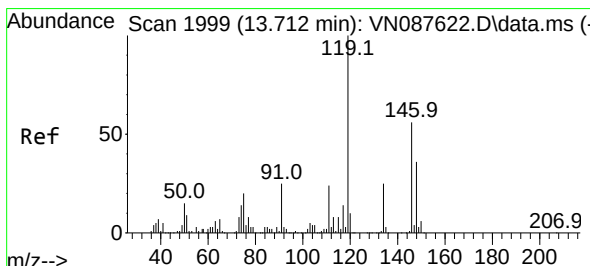
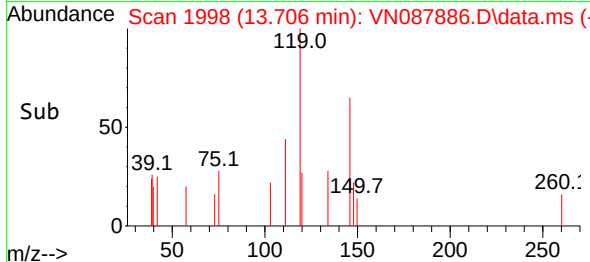
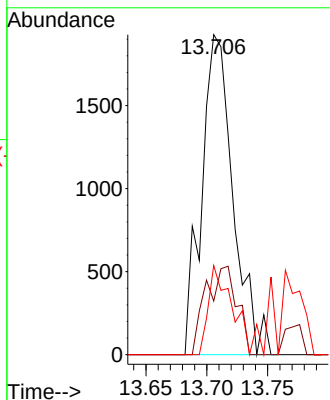
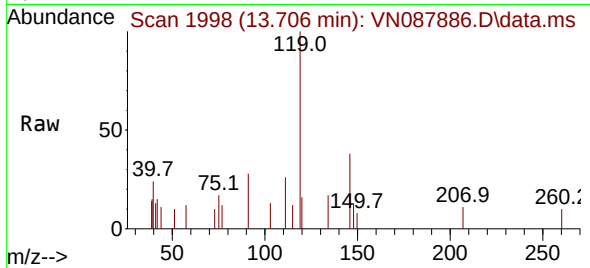




#86
 p-Isopropyltoluene
 Concen: 0.262 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087886.D
 Acq: 18 Sep 2025 10:58

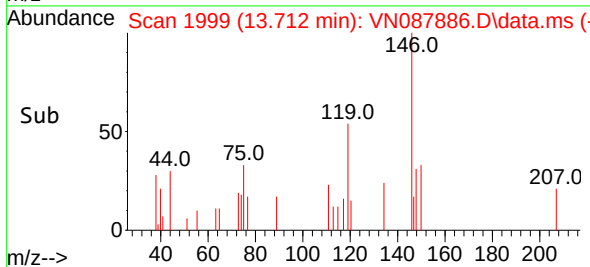
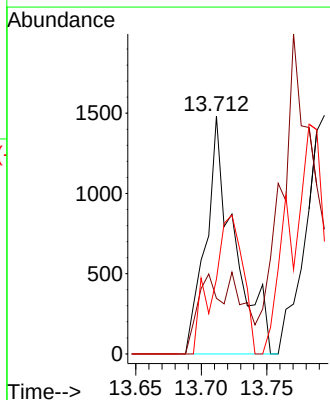
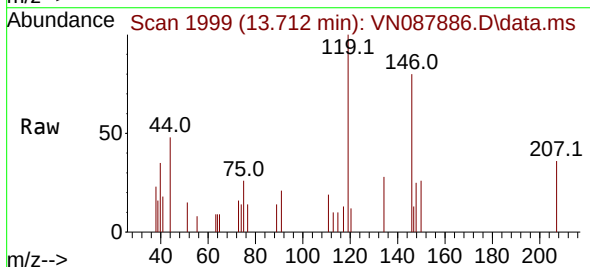
Instrument :
 MSVOA_N
 ClientSampleId :

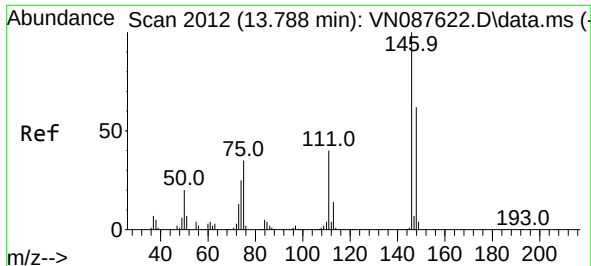
Tgt Ion:	119	Resp:	3472
Ion	Ratio	Lower	Upper
119	100		
134	27.2	12.7	38.0
91	20.4	12.5	37.5



#87
 1,3-Dichlorobenzene
 Concen: 0.315 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087886.D
 Acq: 18 Sep 2025 10:58

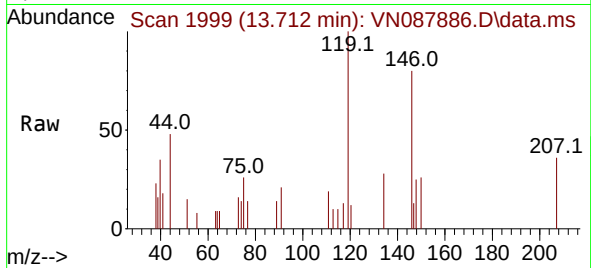
Tgt Ion:	146	Resp:	2237
Ion	Ratio	Lower	Upper
146	100		
111	27.8	22.1	66.5
148	62.0	32.0	96.2



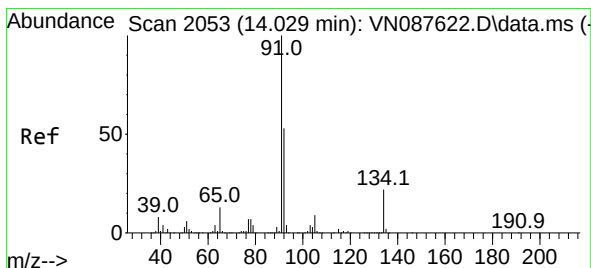
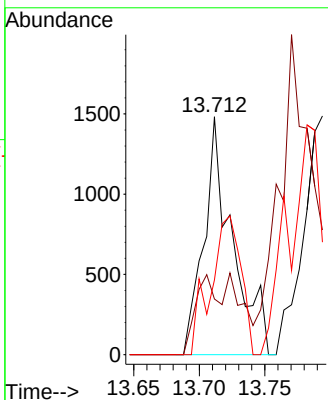
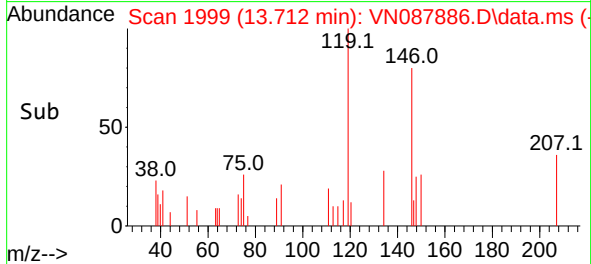


#88
1,4-Dichlorobenzene
Concen: 0.303 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.077 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

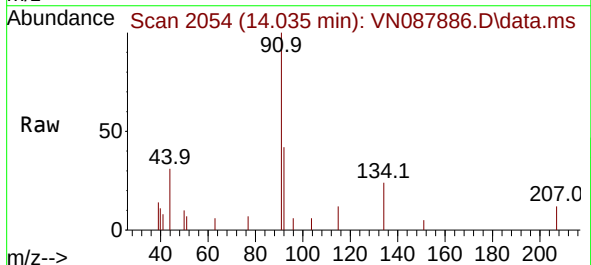
Instrument :
MSVOA_N
ClientSampleId :



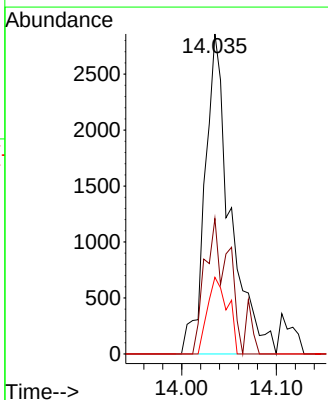
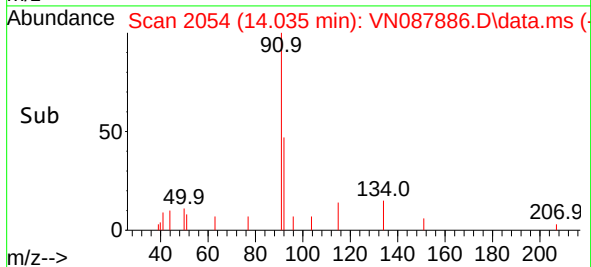
Tgt Ion:146 Resp: 2237
Ion Ratio Lower Upper
146 100
111 27.8 21.0 63.0
148 62.0 32.0 96.0

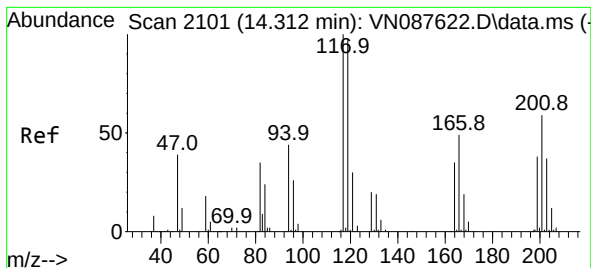


#89
n-Butylbenzene
Concen: 0.404 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58



Tgt Ion: 91 Resp: 5306
Ion Ratio Lower Upper
91 100
92 39.2 25.9 77.8
134 19.1 11.7 35.0





#90

Hexachloroethane

Concen: 0.347 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

Instrument :

MSVOA_N

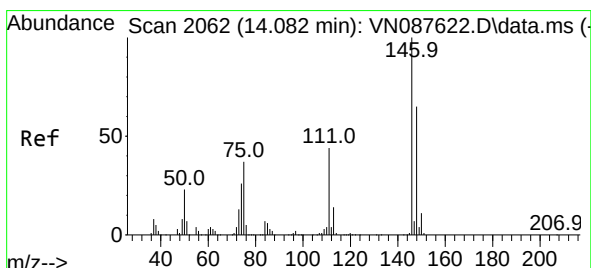
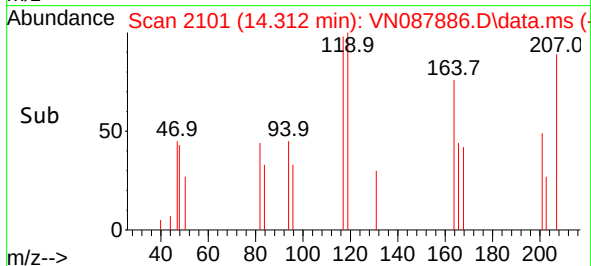
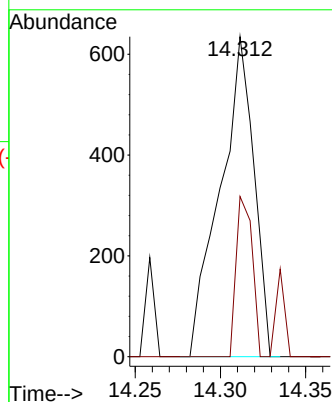
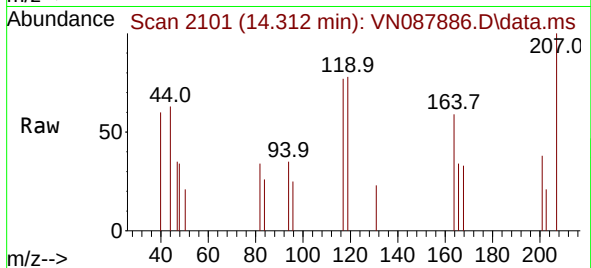
ClientSampleId :

Tgt Ion:117 Resp: 874

Ion Ratio Lower Upper

117 100

201 23.8 29.1 87.4#



#91

1,2-Dichlorobenzene

Concen: 0.220 ug/l

RT: 14.082 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VN087886.D

Acq: 18 Sep 2025 10:58

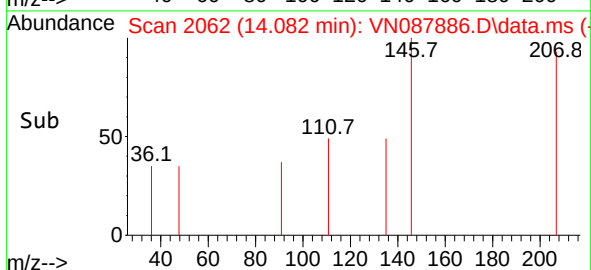
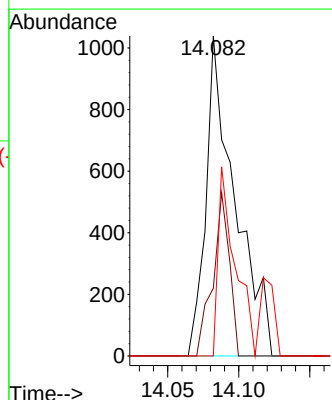
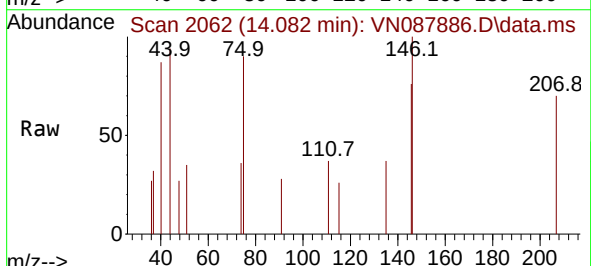
Tgt Ion:146 Resp: 1480

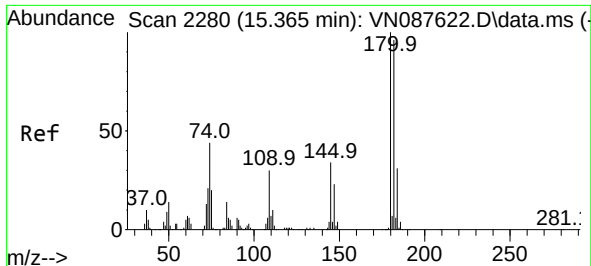
Ion Ratio Lower Upper

146 100

111 29.1 22.6 67.8

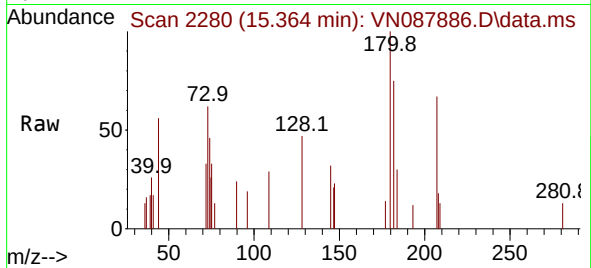
148 34.5 31.9 95.9



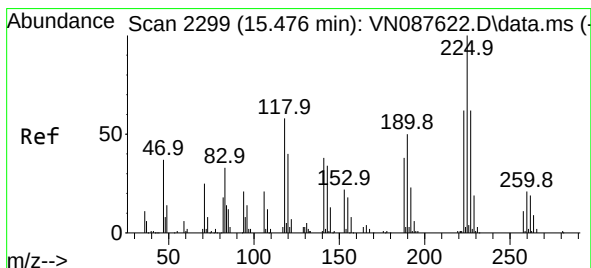
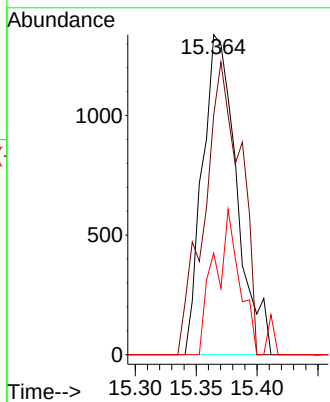
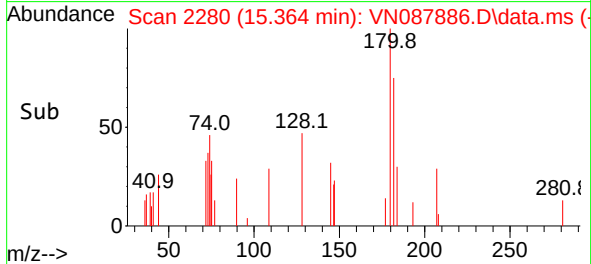


#93
1,2,4-Trichlorobenzene
Concen: 0.648 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

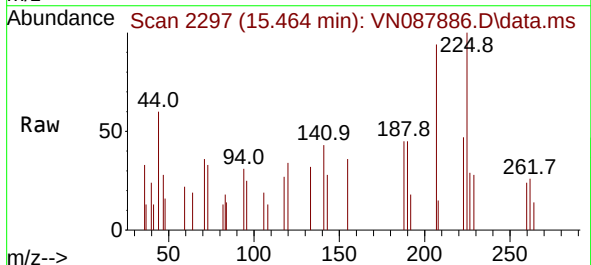
Instrument :
MSVOA_N
ClientSampleId :



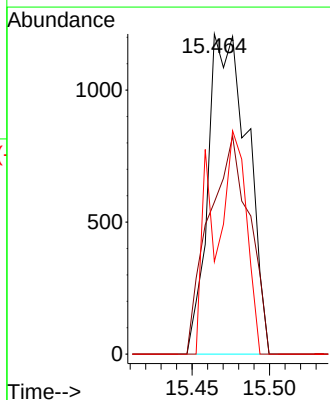
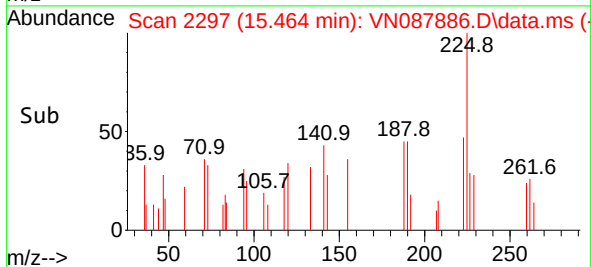
Tgt Ion:180 Resp: 2618
Ion Ratio Lower Upper
180 100
182 97.0 47.6 142.9
145 33.4 16.5 49.5

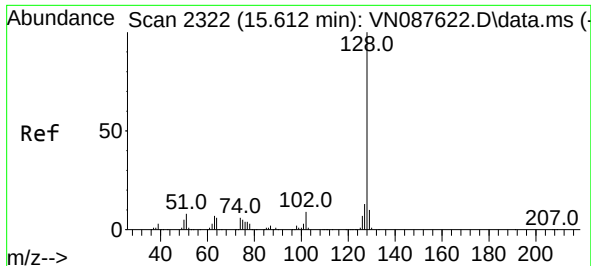


#94
Hexachlorobutadiene
Concen: 1.492 ug/l
RT: 15.464 min Scan# 2297
Delta R.T. -0.012 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58



Tgt Ion:225 Resp: 2151
Ion Ratio Lower Upper
225 100
223 69.7 32.0 96.2
227 58.0 32.1 96.5

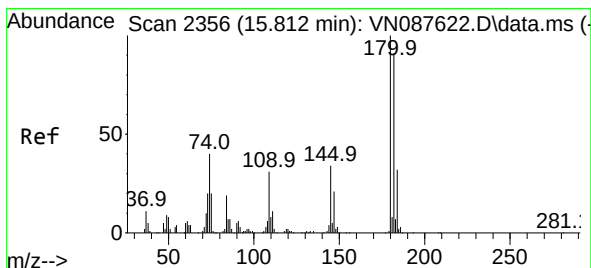
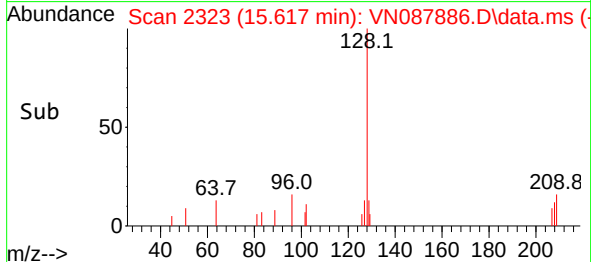
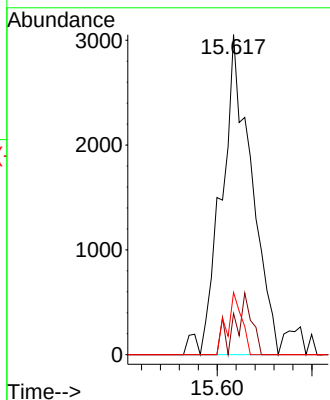
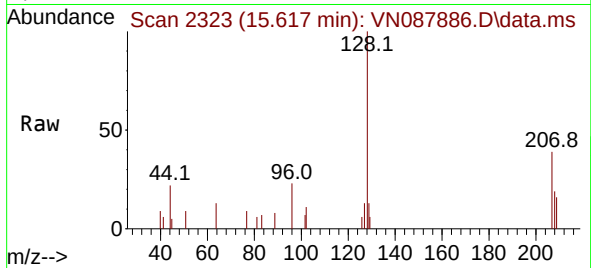




#95
Naphthalene
Concen: 0.471 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6739
Ion Ratio Lower Upper
128 100
127 9.2 10.6 15.8#
129 9.4 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 0.698 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087886.D
Acq: 18 Sep 2025 10:58

Tgt Ion:180 Resp: 2758
Ion Ratio Lower Upper
180 100
182 85.7 46.8 140.3
145 29.9 17.3 52.0

