

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087580.D
 Acq On : 15 Aug 2025 14:35
 Operator : JC\MD
 Sample : Q2822-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:43:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.212	168	222947	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	497338	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	461729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	219403	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	212618	56.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.400%
35) Dibromofluoromethane	8.153	113	154066	44.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.820%
50) Toluene-d8	10.547	98	557271	45.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.829	95	201939	44.665	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.340%

Target Compounds			Qvalue			
10) Methyl Iodide	4.589	142	164	5.694	ug/l #	40
11) Tert butyl alcohol	5.536	59	4576	6.371	ug/l #	72
13) Acrolein	4.165	56	737	1.279	ug/l	92
16) Acetone	4.424	43	578025	325.885	ug/l	100
17) Carbon Disulfide	4.712	76	4759	0.631	ug/l	96
18) Methyl Acetate	5.012	43	1230	0.276	ug/l #	54
19) Methyl tert-butyl Ether	5.789	73	18827	2.007	ug/l #	89
20) Methylene Chloride	5.265	84	397	Below Cal	#	22
25) 2-Butanone	7.477	43	130367	47.570	ug/l	99
29) Tetrahydrofuran	7.830	42	537	0.302	ug/l #	60
31) Cyclohexane	8.212	56	8632	1.856	ug/l #	55
36) 1,1-Dichloropropene	8.212	75	22361	4.934	ug/l #	50
37) Ethyl Acetate	7.477	43	130367	19.916	ug/l #	70
38) Carbon Tetrachloride	8.212	117	26320	5.271	ug/l #	15
39) Methylcyclohexane	9.577	83	1156	0.236	ug/l #	59
40) Benzene	8.588	78	5709	0.390	ug/l	100
41) Methacrylonitrile	7.783	41	1108	0.324	ug/l #	24
48) Methyl methacrylate	9.635	41	6253	1.367	ug/l #	36
51) 4-Methyl-2-Pentanone	10.429	43	18382	2.860	ug/l	99
52) Toluene	10.606	92	21904	2.460	ug/l	94
56) Ethyl methacrylate	10.835	69	176	0.664	ug/l #	1
59) 2-Hexanone	11.182	43	18040	4.231	ug/l	90
67) Ethyl Benzene	11.947	91	24605	1.442	ug/l	99
68) m/p-Xylenes	12.059	106	5778	0.904	ug/l	84
69) o-Xylene	12.376	106	21813	3.573	ug/l	95
74) N-amyl acetate	12.488	43	3799	0.662	ug/l #	50
76) 1,2,3-Trichloropropane	12.829	75	120454	24.483	ug/l #	1
78) n-propylbenzene	13.012	91	4547	0.262	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	9868	0.839	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.829	75	120454	66.989	ug/l #	8
83) tert-Butylbenzene	13.647	119	4605	0.469	ug/l	66
84) 1,2,4-Trimethylbenzene	13.459	105	15043	1.252	ug/l	98
85) sec-Butylbenzene	13.594	105	3611	0.244	ug/l	91
86) p-Isopropyltoluene	13.706	119	3636	0.307	ug/l	96
89) n-Butylbenzene	14.035	91	6237	0.551	ug/l #	63
90) Hexachloroethane	14.312	117	5807	2.311	ug/l #	17

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

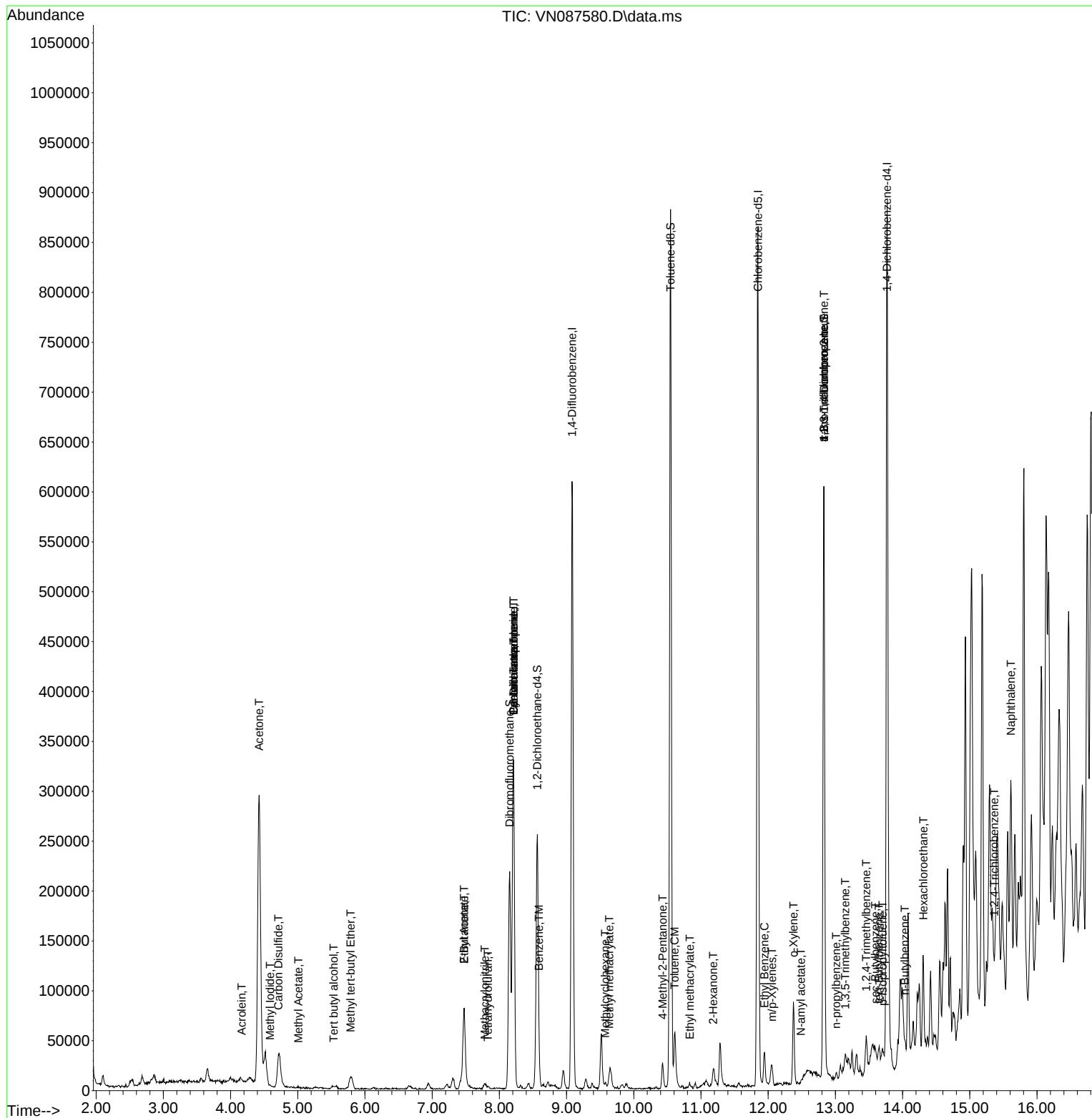
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.364	180	885	0.226	ug/l #	57
95) Naphthalene	15.611	128	193949	13.997	ug/l	97

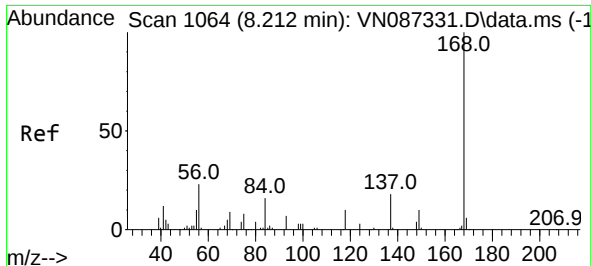
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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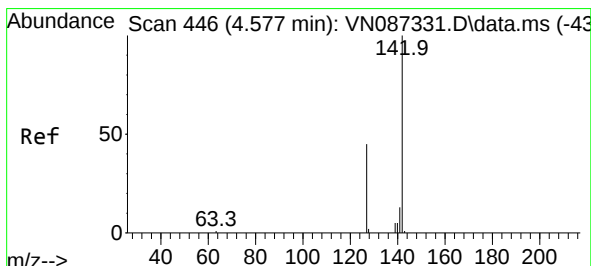
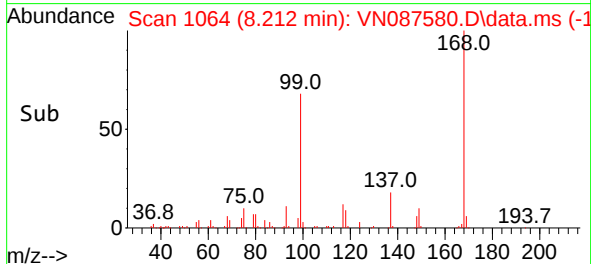
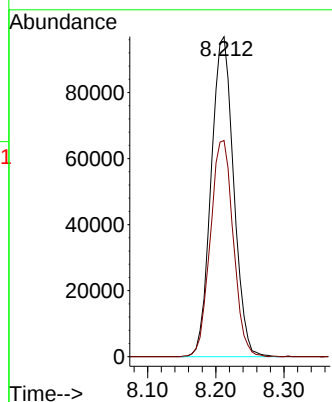
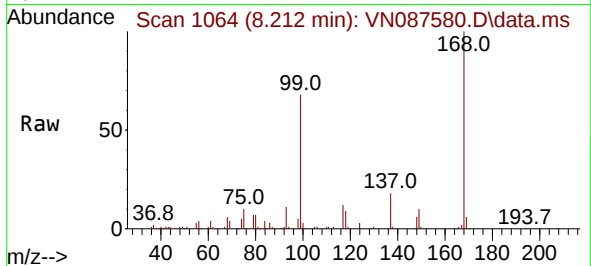




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

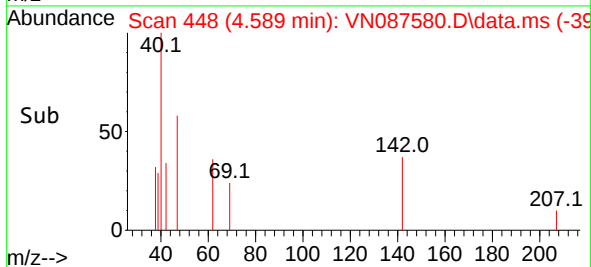
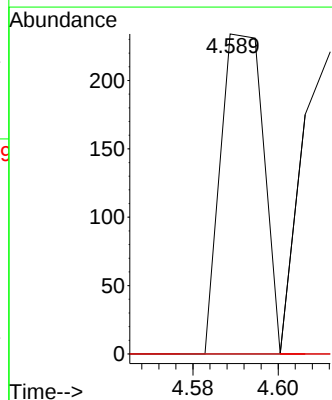
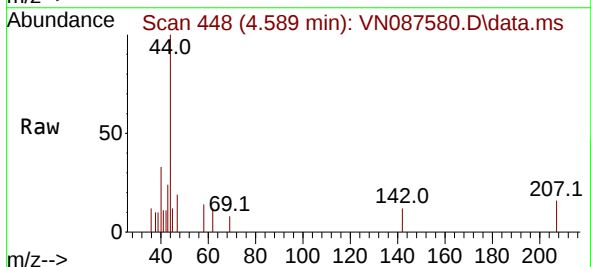
Instrument :
MSVOA_N
ClientSampleId :

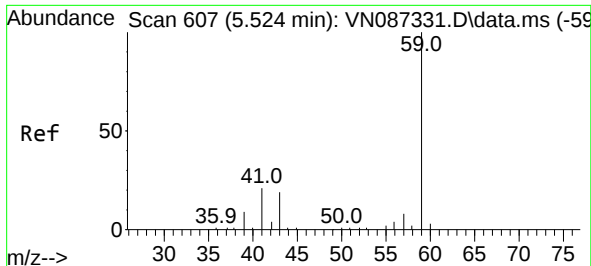
Tgt Ion:168 Resp: 222947
Ion Ratio Lower Upper
168 100
99 67.6 47.9 71.9



#10
Methyl Iodide
Concen: 5.694 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

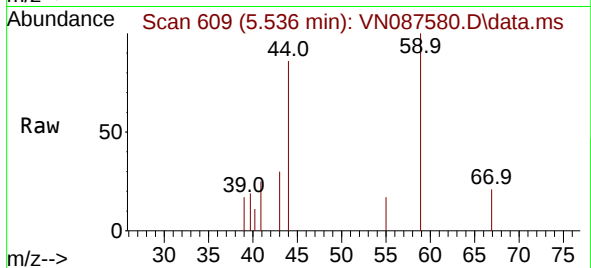
Tgt Ion:142 Resp: 164
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 10.4 15.6#



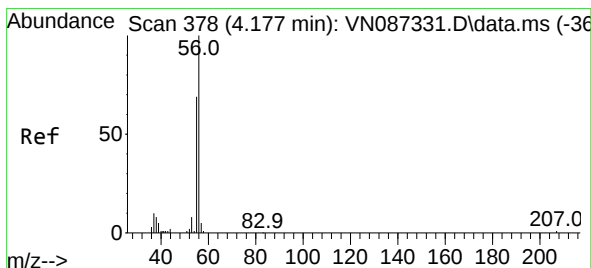
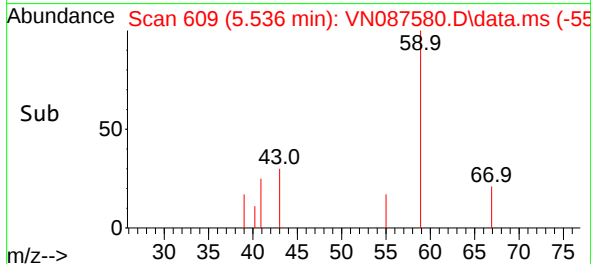
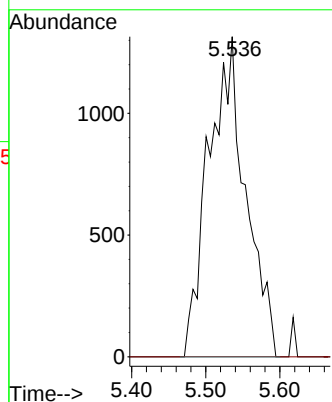


#11
Tert butyl alcohol
Concen: 6.371 ug/l
RT: 5.536 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :

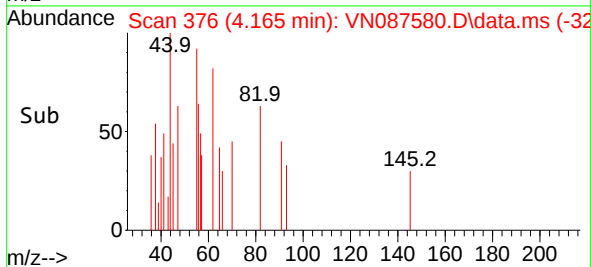
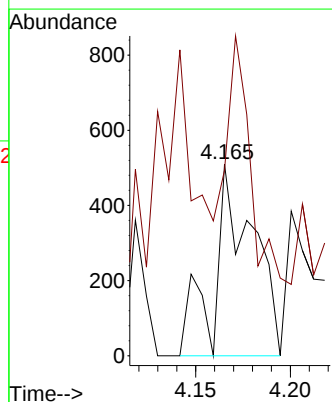
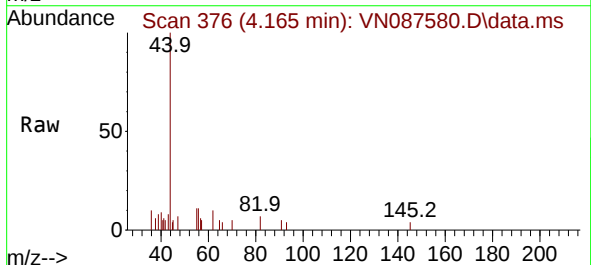


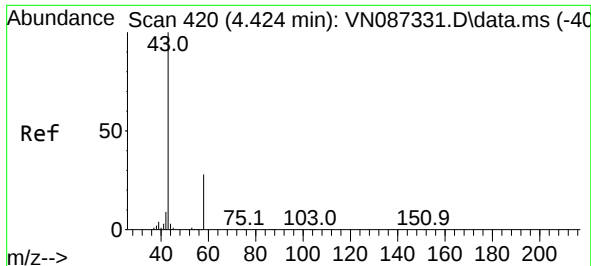
Tgt Ion: 59 Resp: 4576
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#13
Acrolein
Concen: 1.279 ug/l
RT: 4.165 min Scan# 376
Delta R.T. -0.012 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 56 Resp: 737
Ion Ratio Lower Upper
56 100
55 76.8 56.2 84.4

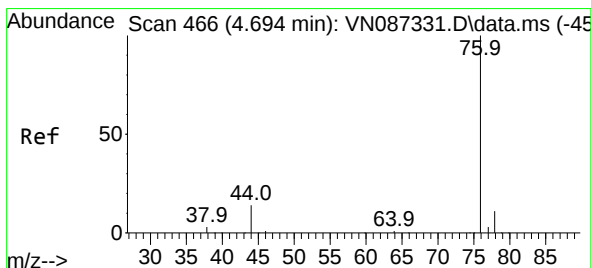
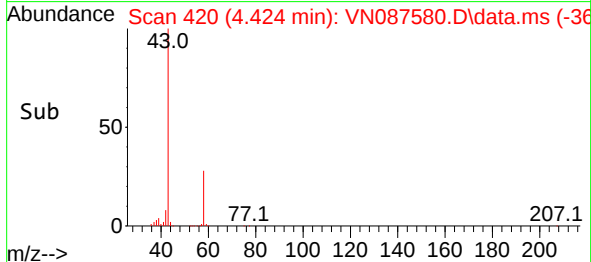
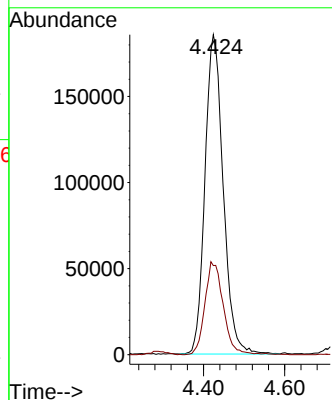
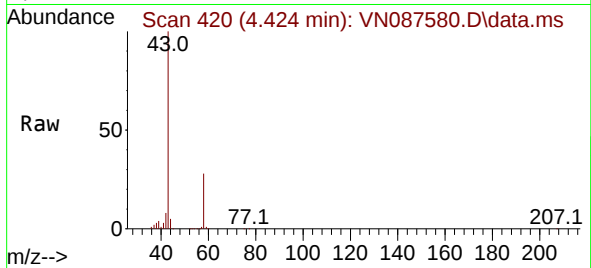




#16
Acetone
Concen: 325.885 ug/l
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

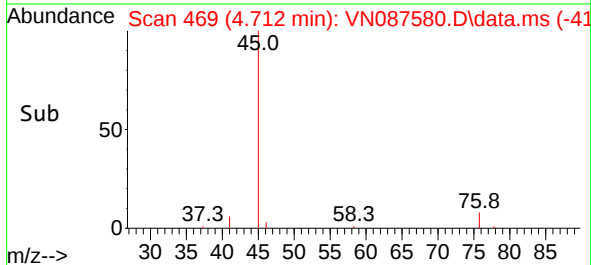
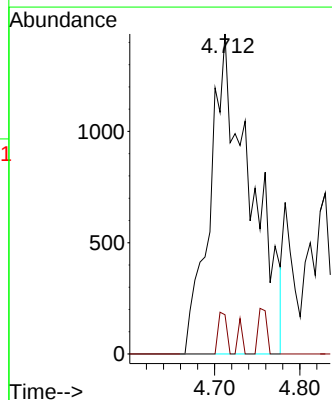
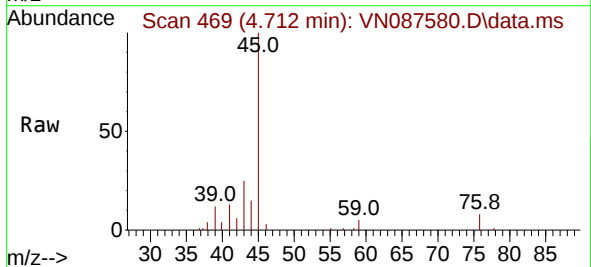
Instrument :
MSVOA_N
ClientSampleId :

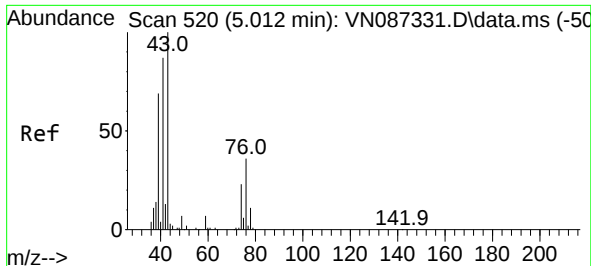
Tgt Ion: 43 Resp: 578025
Ion Ratio Lower Upper
43 100
58 27.8 22.3 33.5



#17
Carbon Disulfide
Concen: 0.631 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 76 Resp: 4759
Ion Ratio Lower Upper
76 100
78 12.2 8.6 13.0

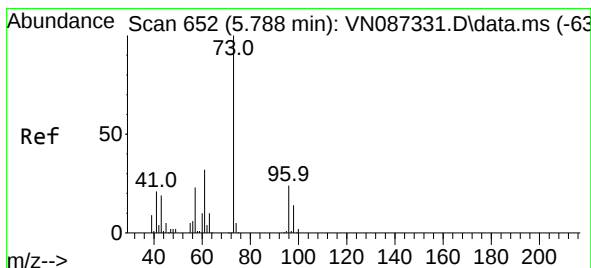
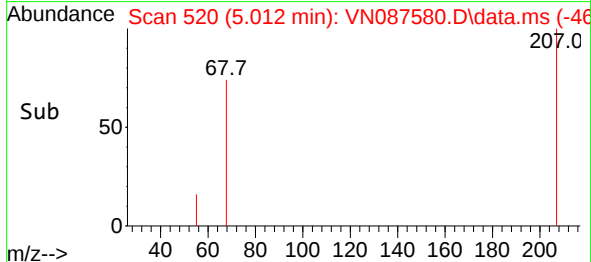
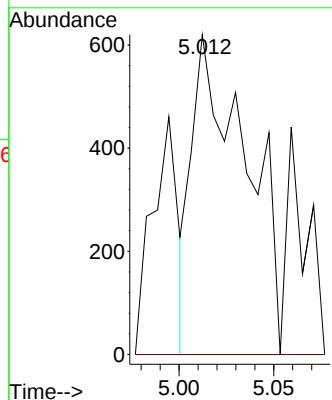
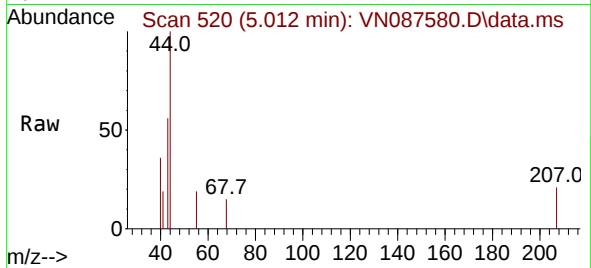




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

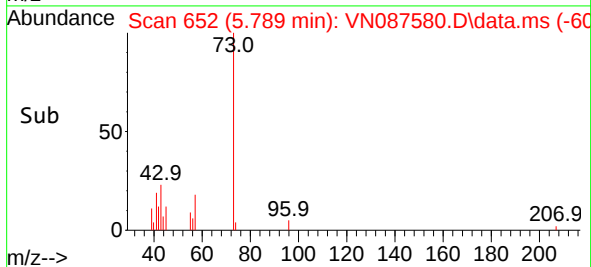
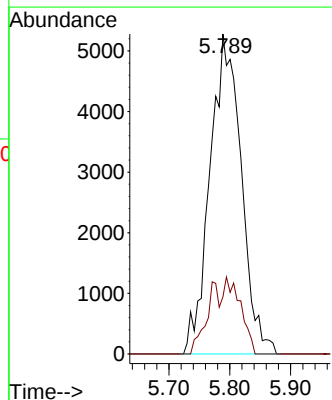
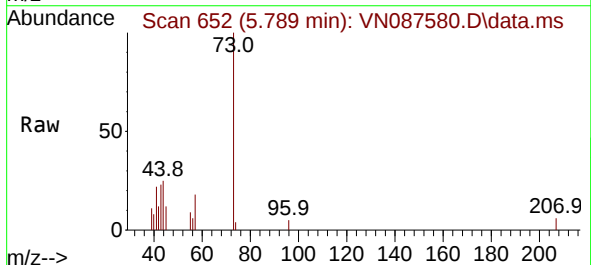
Instrument :
MSVOA_N
ClientSampleId :

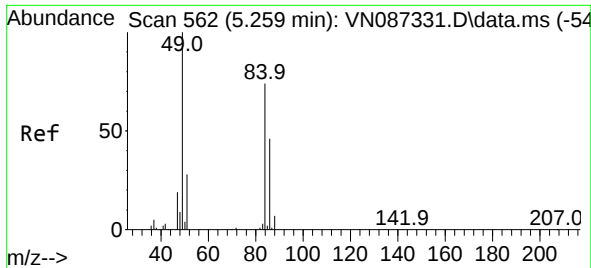
Tgt Ion: 43 Resp: 1230
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.6#



#19
Methyl tert-butyl Ether
Concen: 2.007 ug/l
RT: 5.789 min Scan# 652
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

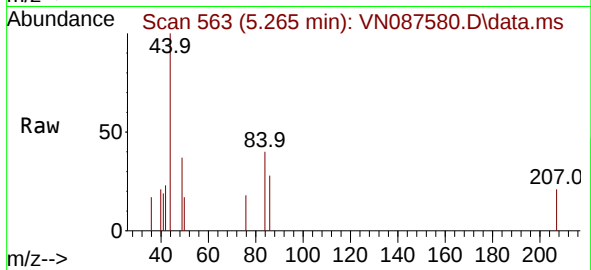
Tgt Ion: 73 Resp: 18827
Ion Ratio Lower Upper
73 100
57 17.8 18.6 27.8#



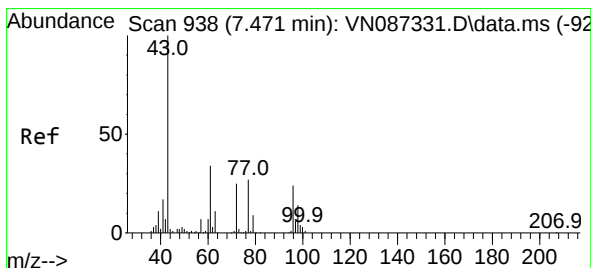
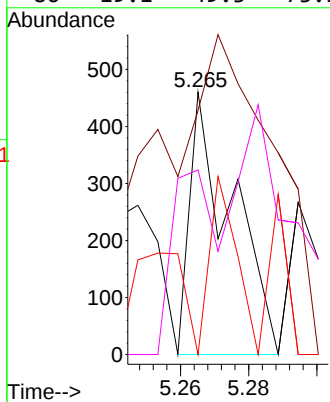
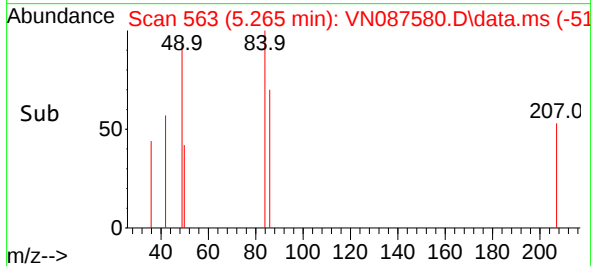


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 50
Delta R.T. 0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :

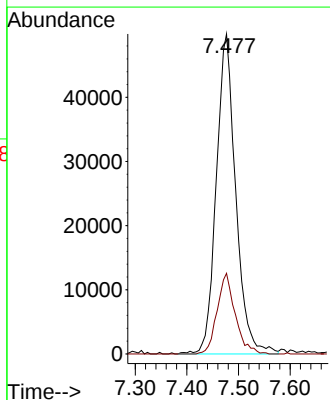
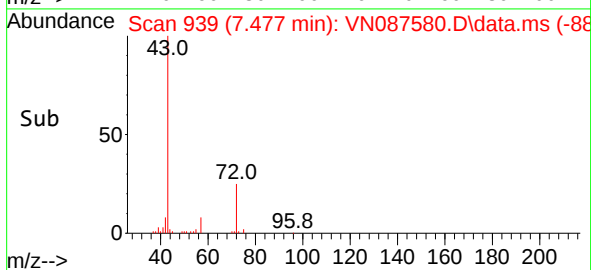
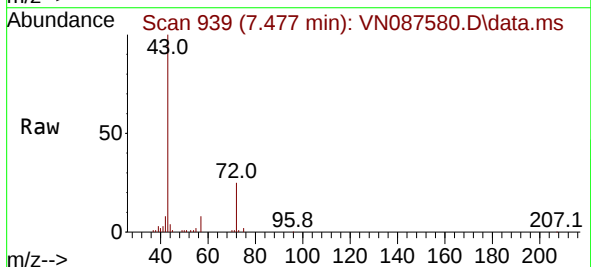


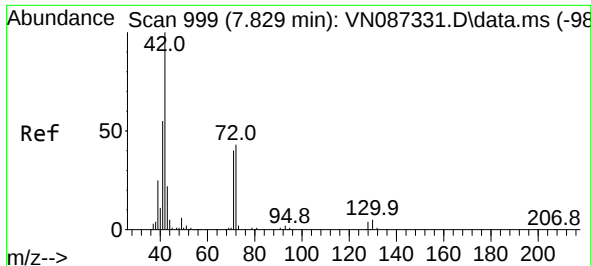
Tgt Ion:	84	Resp:	397
Ion	Ratio	Lower	Upper
84	100		
49	25.2	107.5	161.3#
51	0.0	30.2	45.2#
86	19.1	49.3	73.9#



#25
2-Butanone
Concen: 47.570 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion:	43	Resp:	130367
Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.6	29.4





#29

Tetrahydrofuran

Concen: 0.302 ug/l

RT: 7.830 min Scan# 999

Delta R.T. 0.000 min

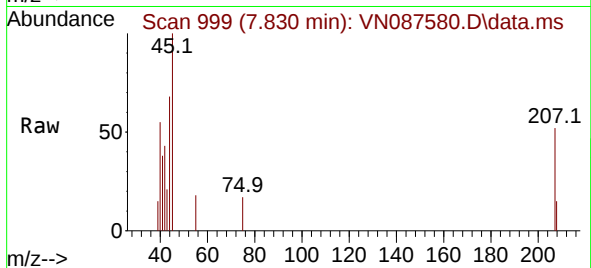
Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

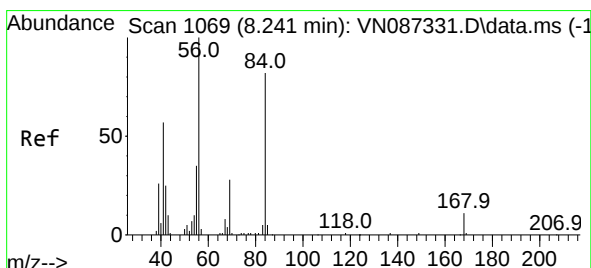
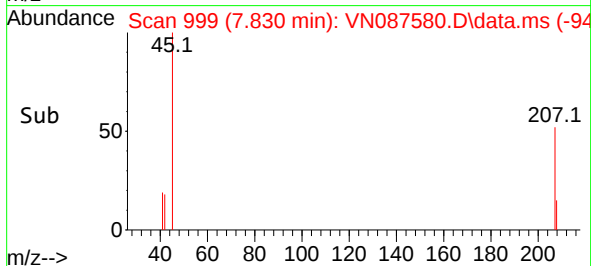
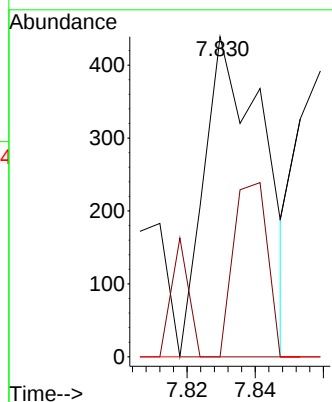
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	537
Ion Ratio	Lower	Upper	
42	100		
72	30.7	33.4	50.0#
71	0.0	31.2	46.8#



#31

Cyclohexane

Concen: 1.856 ug/l

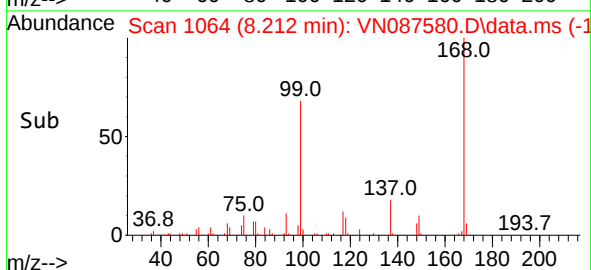
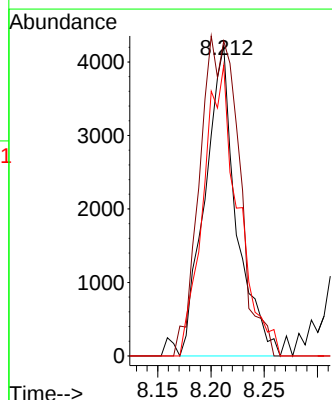
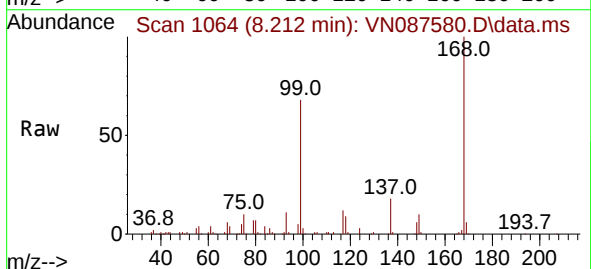
RT: 8.212 min Scan# 1064

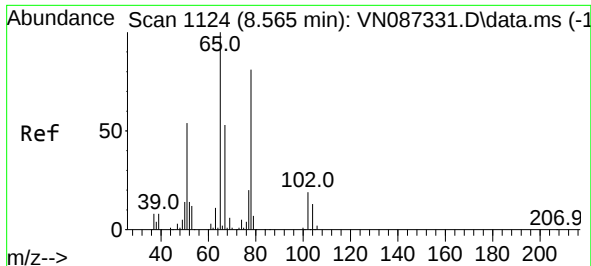
Delta R.T. -0.029 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

Tgt Ion:	56	Resp:	8632
Ion Ratio	Lower	Upper	
56	100		
69	101.5	22.7	34.1#
84	93.7	65.8	98.6





#33

1,2-Dichloroethane-d4

Concen: 56.205 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

Instrument :

MSVOA_N

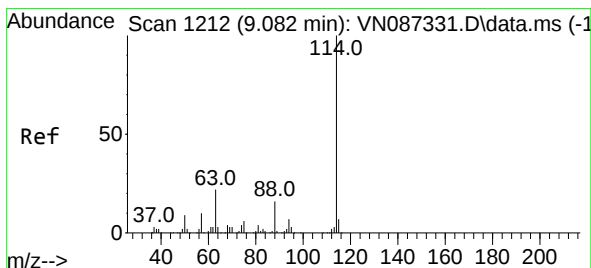
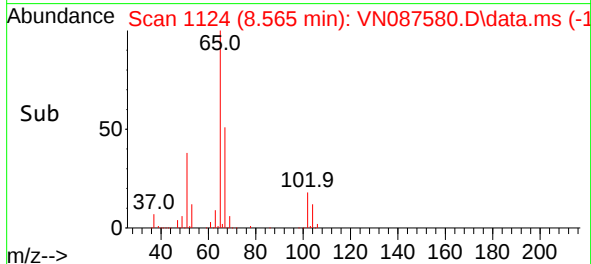
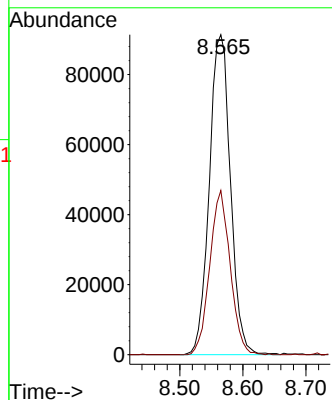
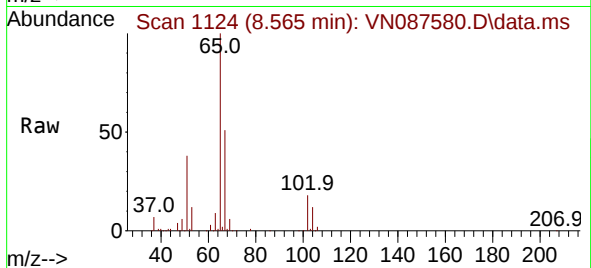
ClientSampleId :

Tgt Ion: 65 Resp: 212618

Ion Ratio Lower Upper

65 100

67 49.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

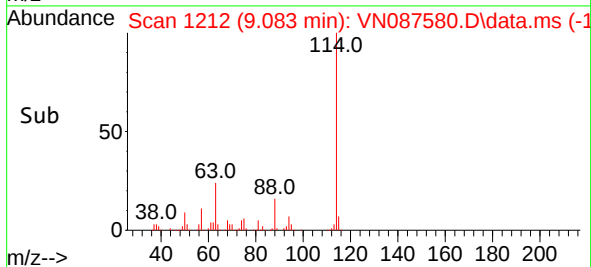
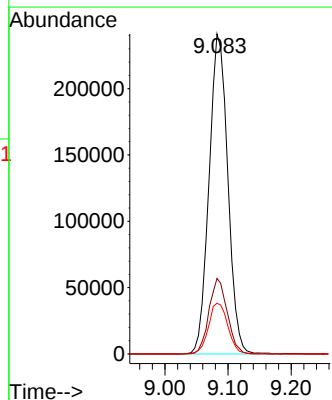
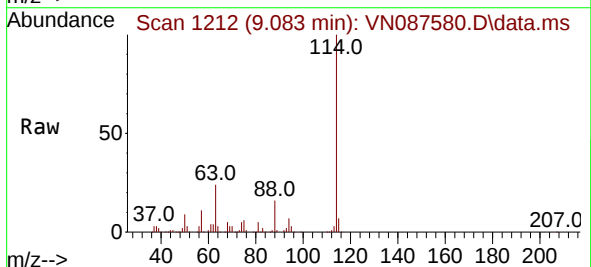
Tgt Ion: 114 Resp: 497338

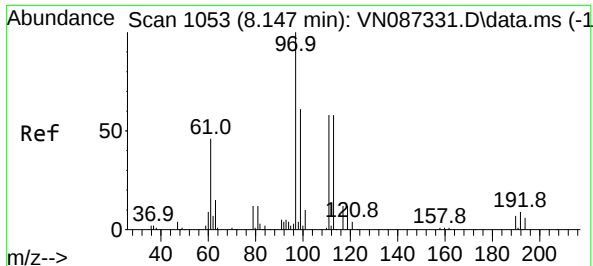
Ion Ratio Lower Upper

114 100

63 23.6 0.0 44.6

88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 44.909 ug/l

RT: 8.153 min Scan# 1064

Delta R.T. 0.006 min

Lab File: VN087580.D

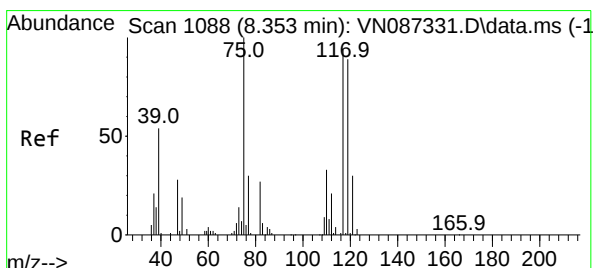
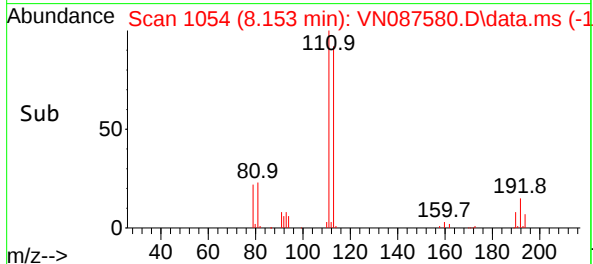
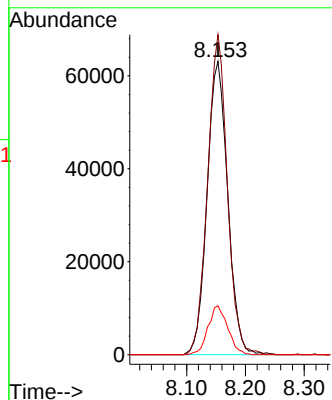
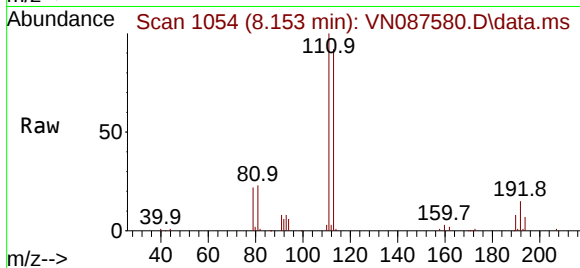
Acq: 15 Aug 2025 14:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	113	Resp:	154066
Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.5	123.7
192	15.9	13.7	20.5



#36

1,1-Dichloropropene

Concen: 4.934 ug/l

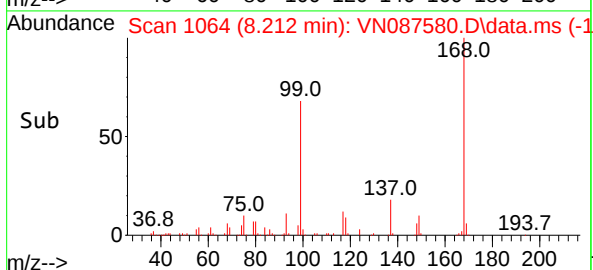
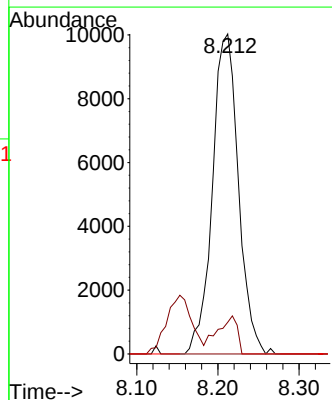
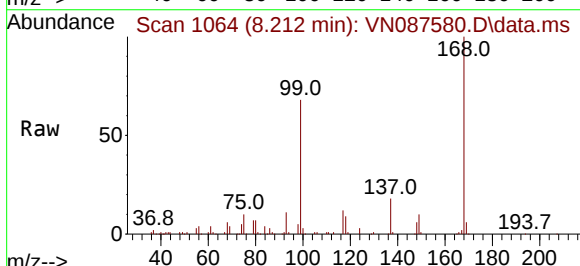
RT: 8.212 min Scan# 1064

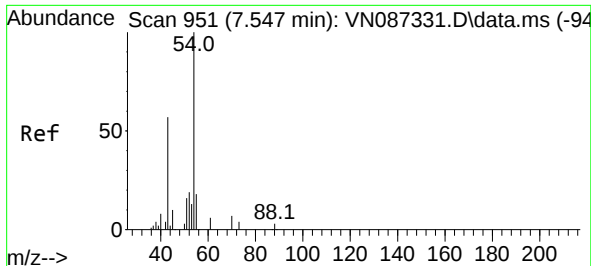
Delta R.T. -0.141 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

Tgt Ion:	75	Resp:	22361
Ion	Ratio	Lower	Upper
75	100		
110	9.2	16.7	50.1#
77	0.0	25.2	37.8#





#37

Ethyl Acetate

Concen: 19.916 ug/l

RT: 7.477 min Scan# 91

Delta R.T. -0.070 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

Instrument :

MSVOA_N

ClientSampleId :

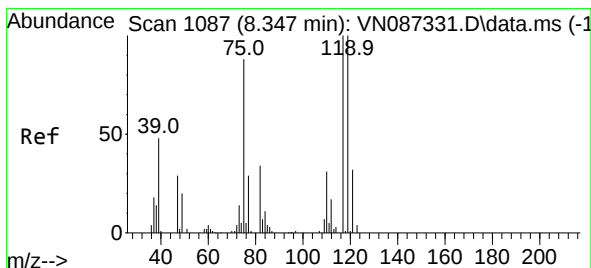
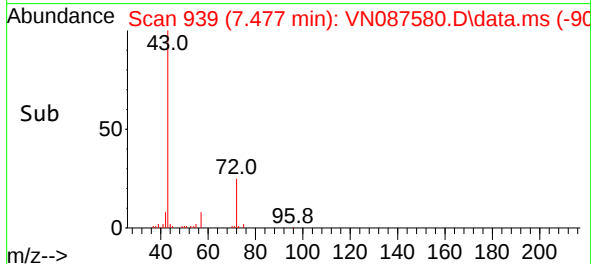
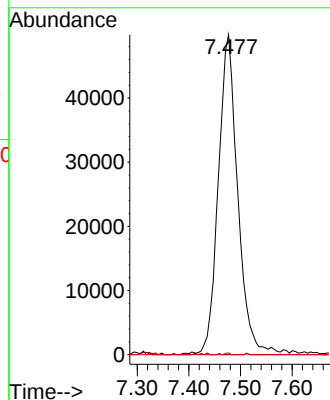
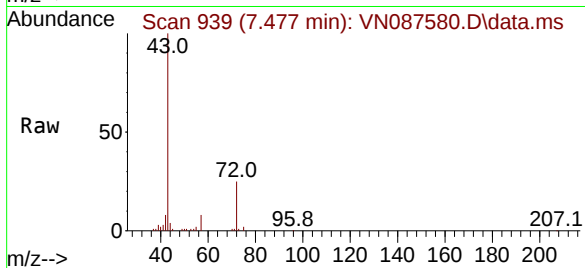
Tgt Ion: 43 Resp: 130367

Ion Ratio Lower Upper

43 100

61 0.1 10.9 16.3#

70 0.1 7.4 11.0#



#38

Carbon Tetrachloride

Concen: 5.271 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.135 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

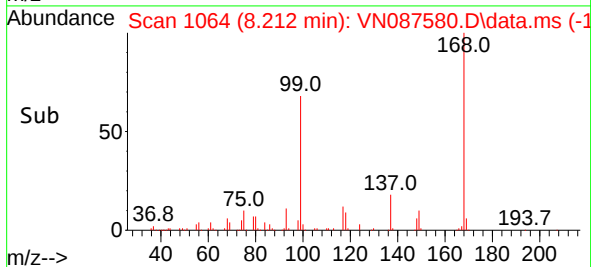
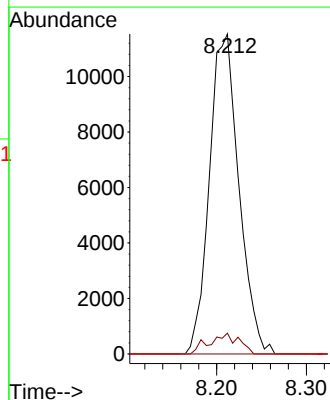
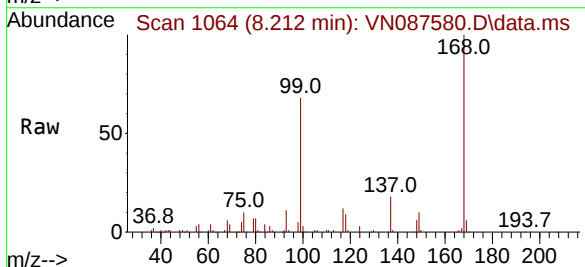
Tgt Ion: 117 Resp: 26320

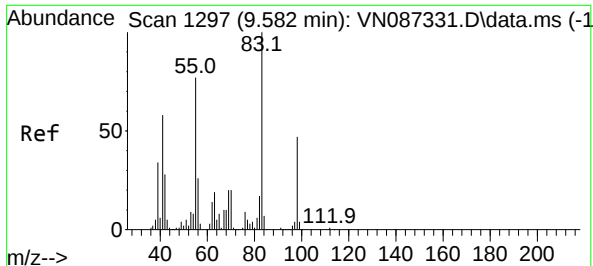
Ion Ratio Lower Upper

117 100

119 6.5 80.2 120.2#

121 0.0 25.4 38.2#





#39

Methylcyclohexane

Concen: 0.236 ug/l

RT: 9.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN087580.D

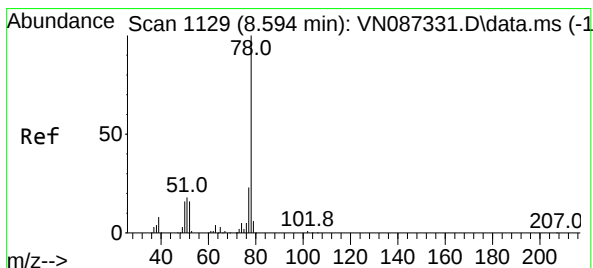
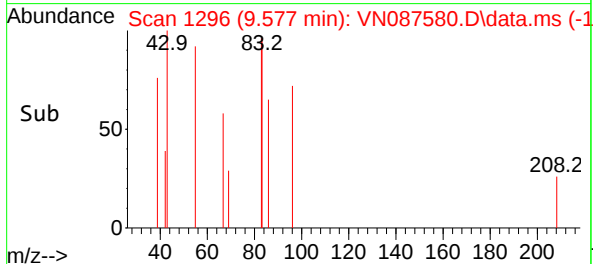
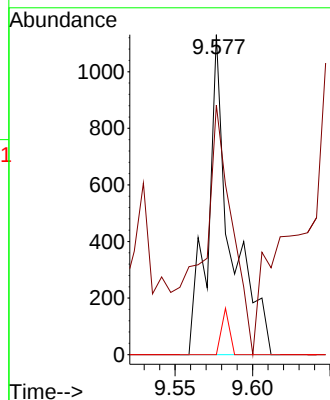
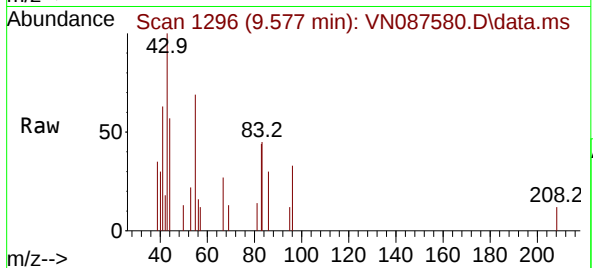
Acq: 15 Aug 2025 14:35

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 1156
Ion Ratio	Lower Upper
83	100
55	56.9 61.3 91.9#
98	0.0 37.9 56.9#



#40

Benzene

Concen: 0.390 ug/l

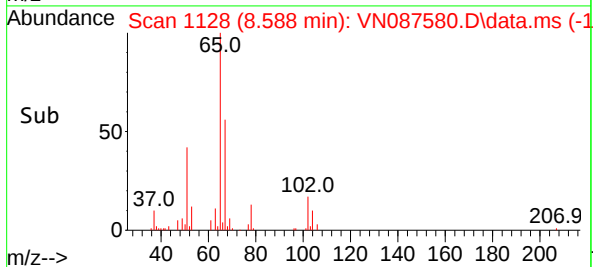
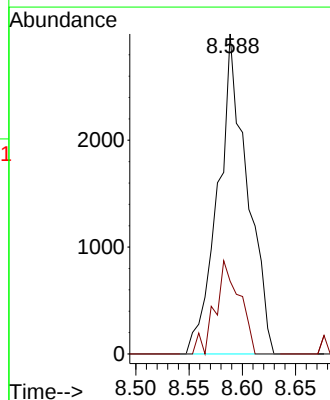
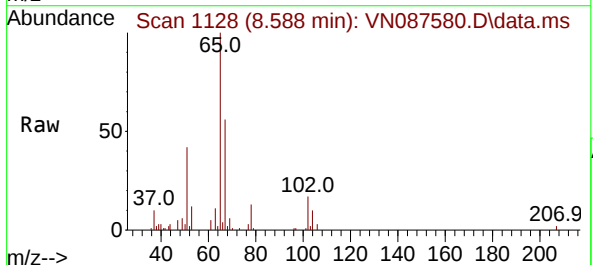
RT: 8.588 min Scan# 1128

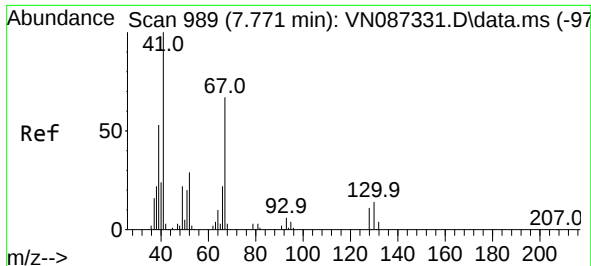
Delta R.T. -0.006 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

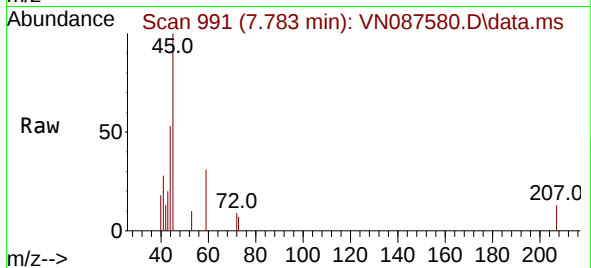
Tgt Ion: 78	Resp: 5709
Ion Ratio	Lower Upper
78	100
77	22.7 18.2 27.2



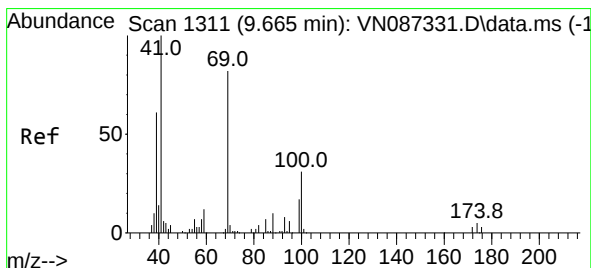
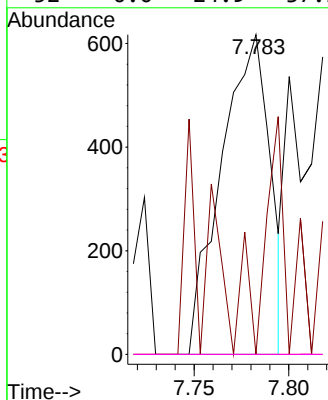
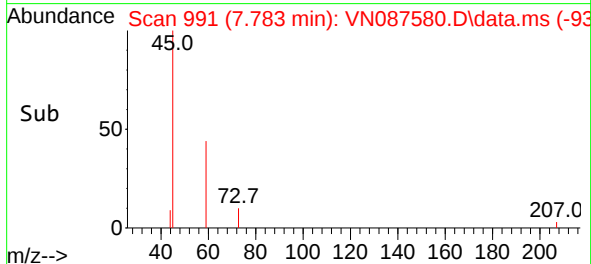


#41
Methacrylonitrile
Concen: 0.324 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :

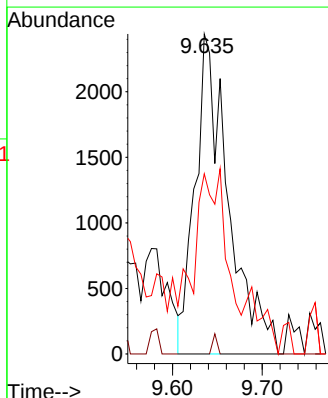
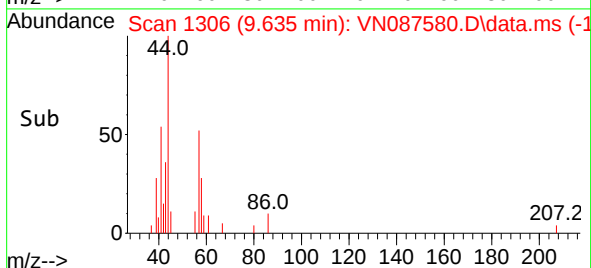
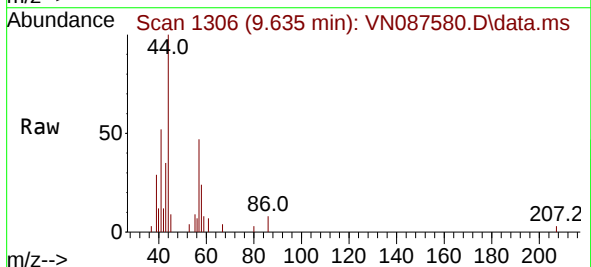


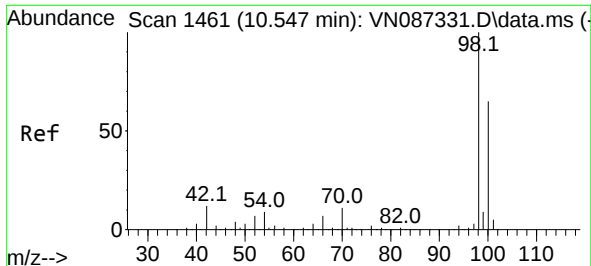
Tgt Ion:	41	Resp:	1108
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.4	65.0#
67	0.0	55.1	82.7#
52	0.0	24.9	37.3#



#48
Methyl methacrylate
Concen: 1.367 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. -0.029 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion:	41	Resp:	6253
Ion	Ratio	Lower	Upper
41	100		
69	0.9	64.1	96.1#
39	36.7	45.5	68.3#

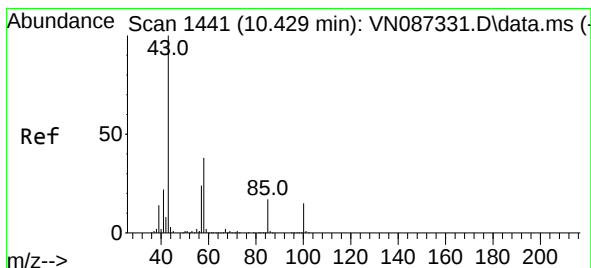
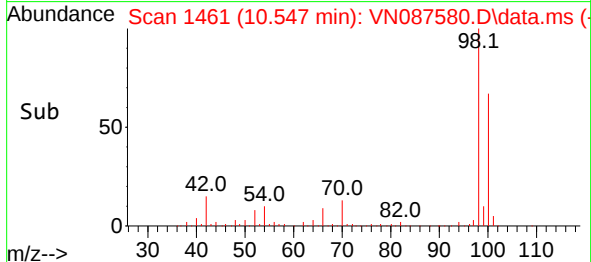
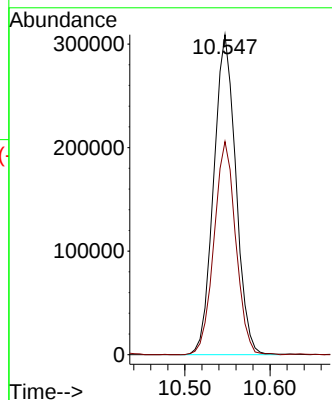
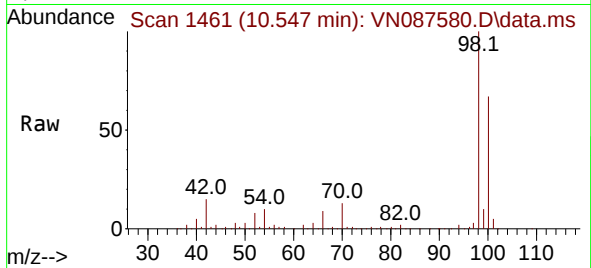




#50
Toluene-d8
Concen: 45.538 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

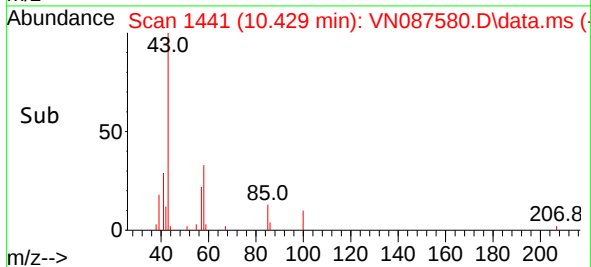
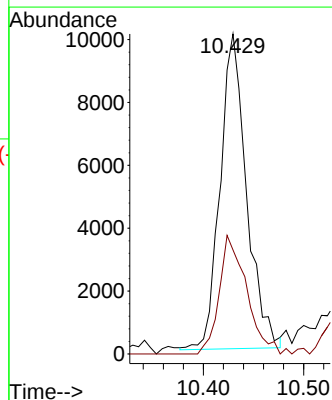
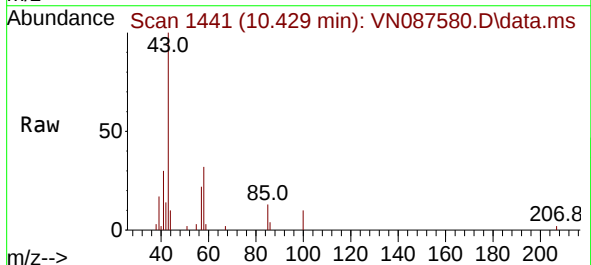
Instrument :
MSVOA_N
ClientSampleId :

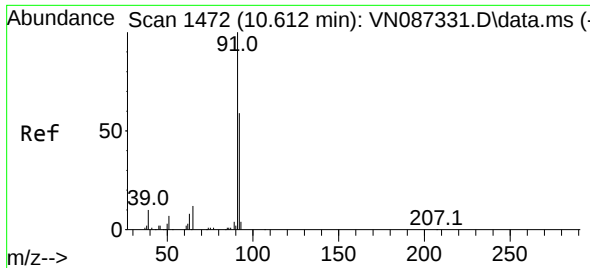
Tgt Ion: 98 Resp: 557271
Ion Ratio Lower Upper
98 100
100 65.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 2.860 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 43 Resp: 18382
Ion Ratio Lower Upper
43 100
58 39.1 30.8 46.2

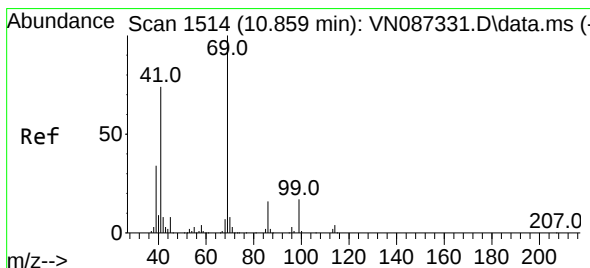
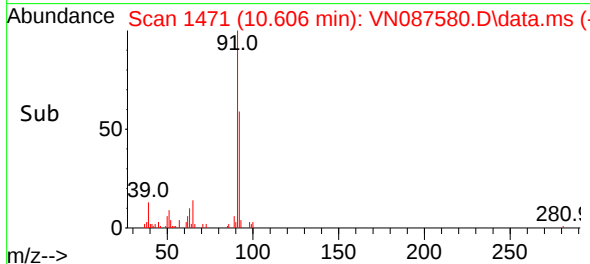
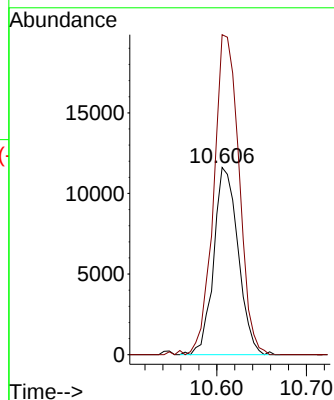
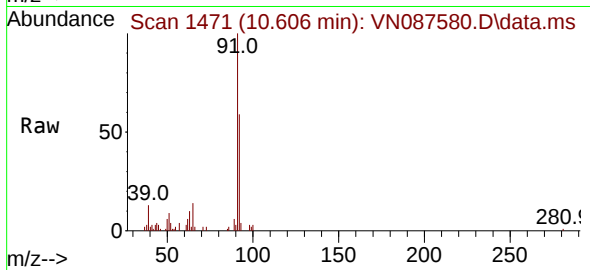




#52
Toluene
Concen: 2.460 ug/l
RT: 10.606 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

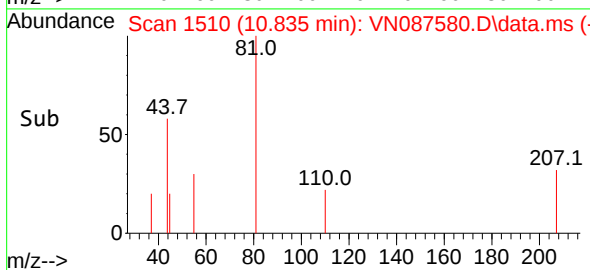
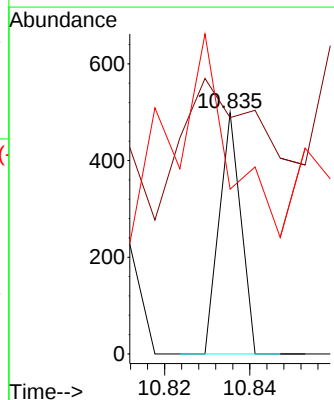
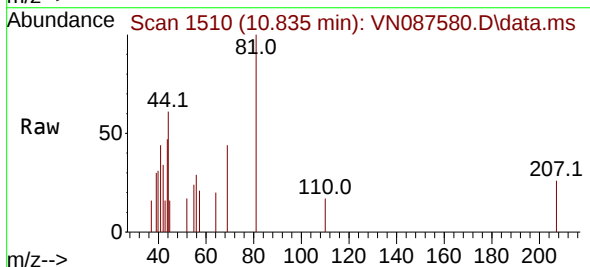
Instrument :
MSVOA_N
ClientSampleId :

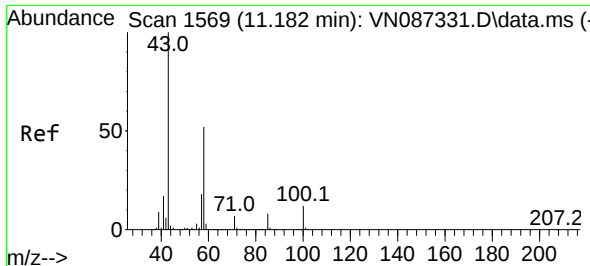
Tgt Ion: 92 Resp: 21904
Ion Ratio Lower Upper
92 100
91 177.6 135.1 202.7



#56
Ethyl methacrylate
Concen: 0.664 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.024 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 69 Resp: 176
Ion Ratio Lower Upper
69 100
41 402.3 55.1 82.7#
39 731.3 27.9 41.9#

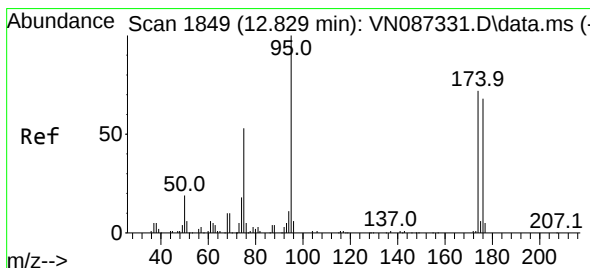
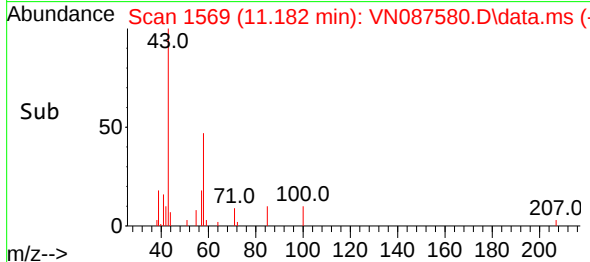
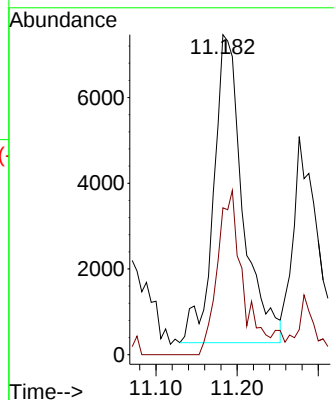
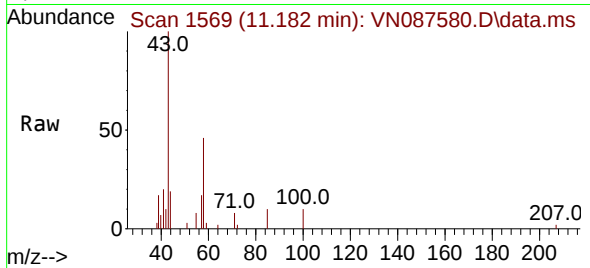




#59
2-Hexanone
Concen: 4.231 ug/l
RT: 11.182 min Scan# 11569
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

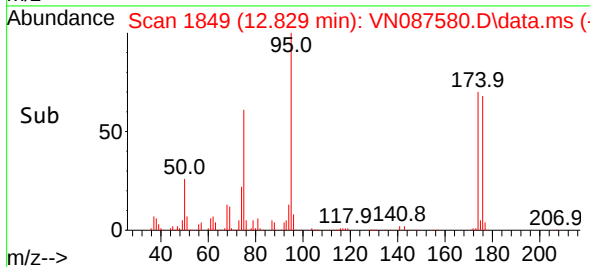
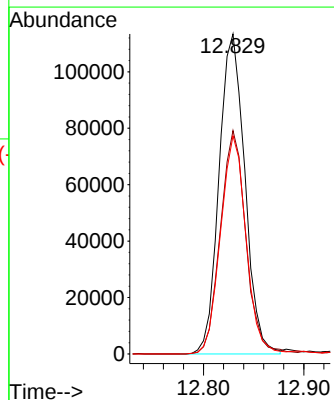
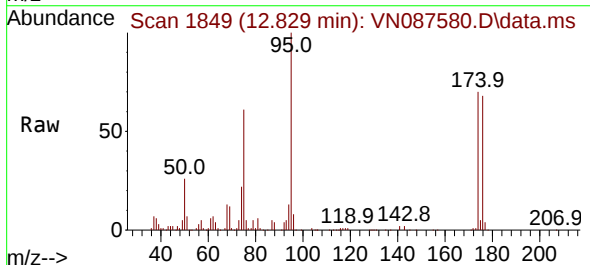
Instrument :
MSVOA_N
ClientSampleId :

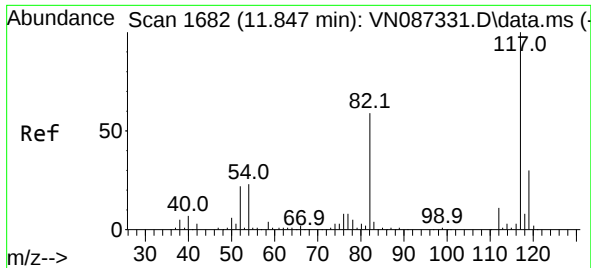
Tgt Ion: 43 Resp: 18040
Ion Ratio Lower Upper
43 100
58 45.9 26.7 80.0



#62
4-Bromofluorobenzene
Concen: 44.665 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 95 Resp: 201939
Ion Ratio Lower Upper
95 100
174 69.1 0.0 149.4
176 67.3 0.0 141.2

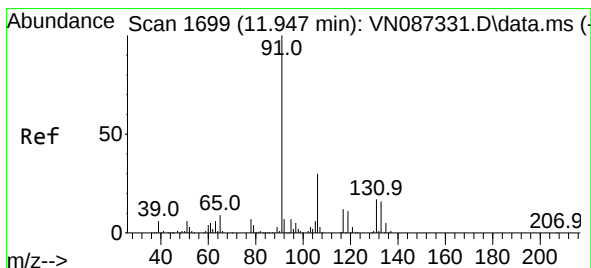
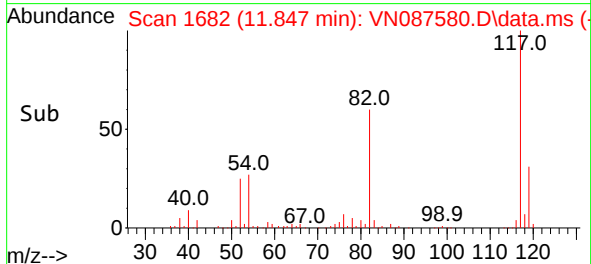
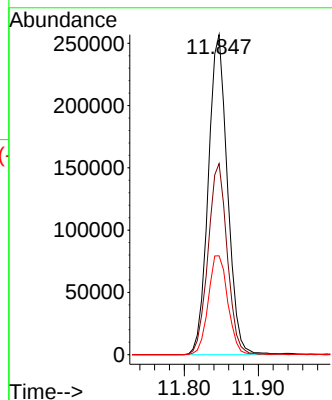
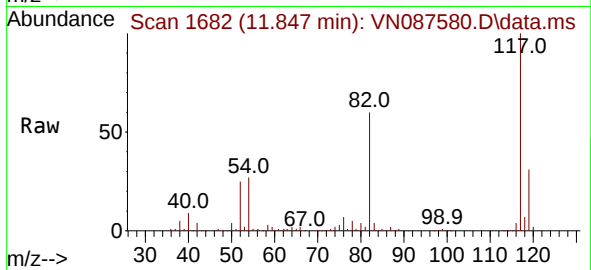




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

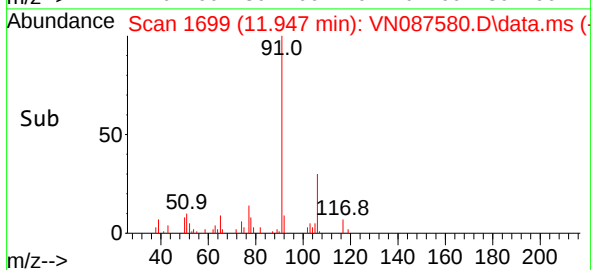
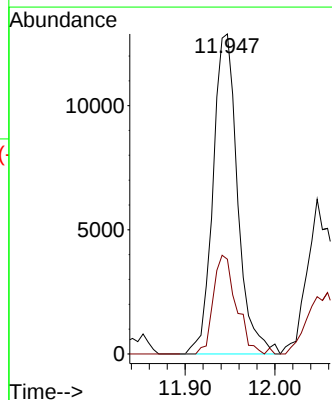
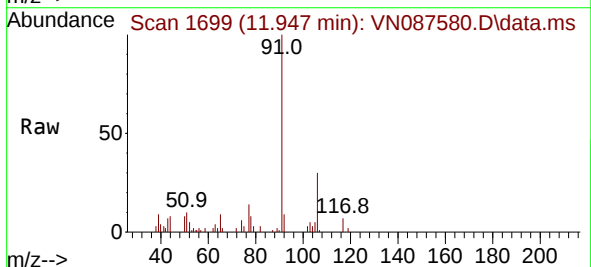
Instrument :
MSVOA_N
ClientSampleId :

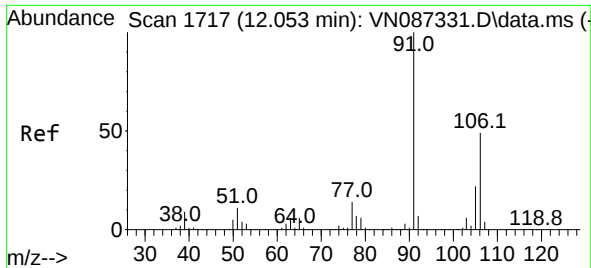
Tgt Ion:117 Resp: 461729
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 30.9 23.8 35.8



#67
Ethyl Benzene
Concen: 1.442 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 91 Resp: 24605
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5

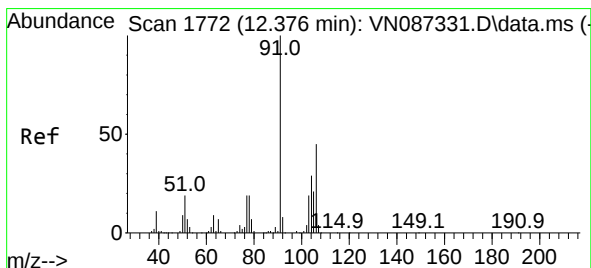
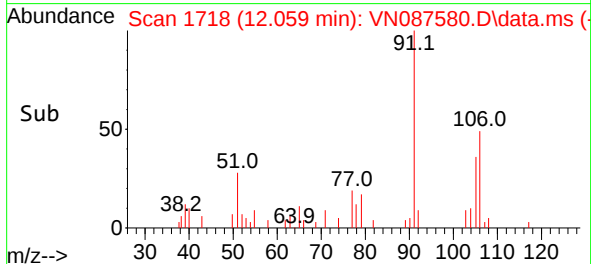
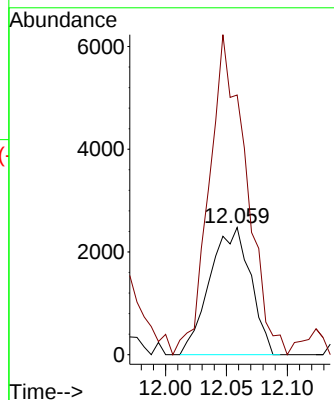
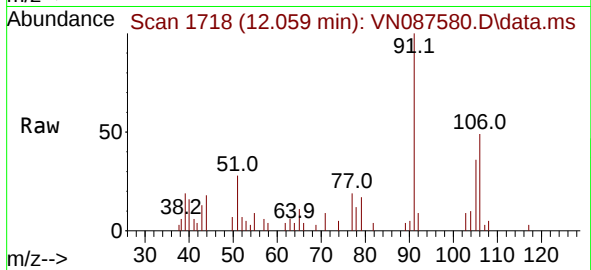




#68
m/p-Xylenes
Concen: 0.904 ug/l
RT: 12.059 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

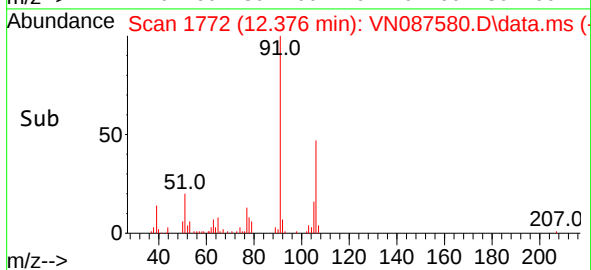
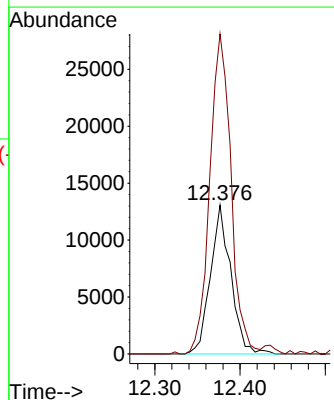
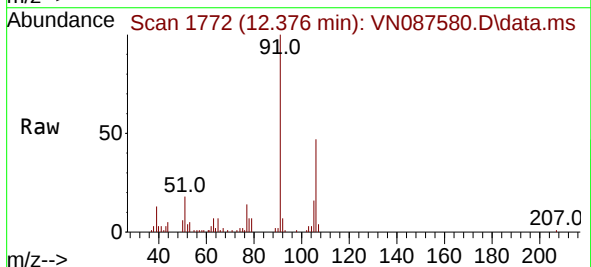
Instrument :
MSVOA_N
ClientSampleId :

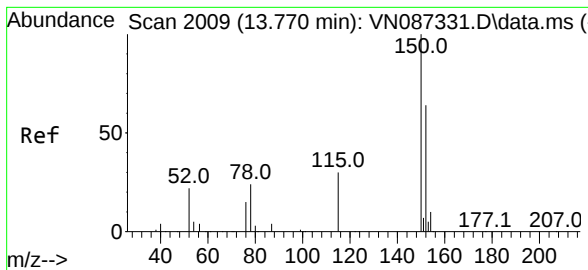
Tgt Ion:106 Resp: 5778
Ion Ratio Lower Upper
106 100
91 227.3 162.0 243.0



#69
o-Xylene
Concen: 3.573 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

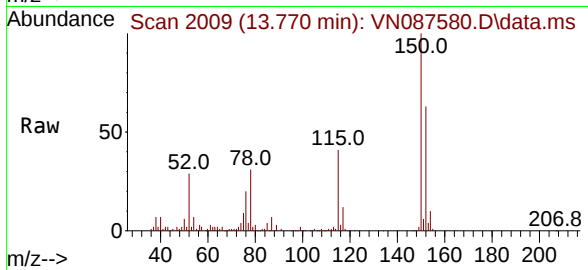
Tgt Ion:106 Resp: 21813
Ion Ratio Lower Upper
106 100
91 222.7 107.7 323.3



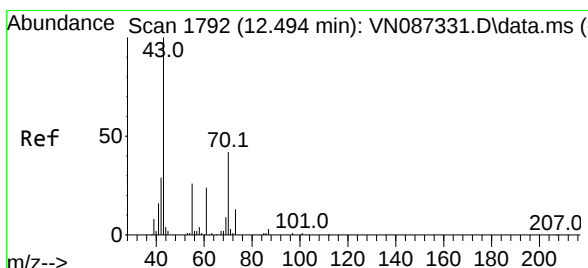
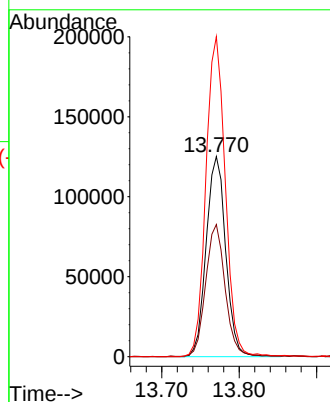
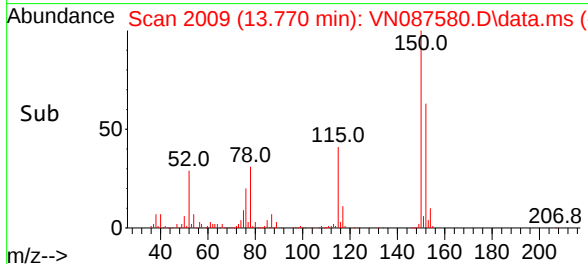


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Instrument :
MSVOA_N
ClientSampleId :

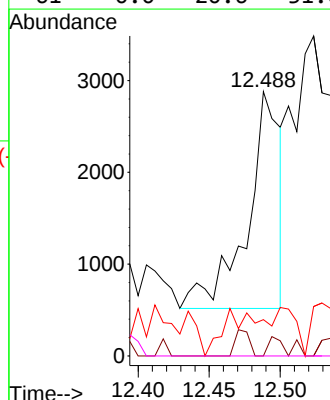
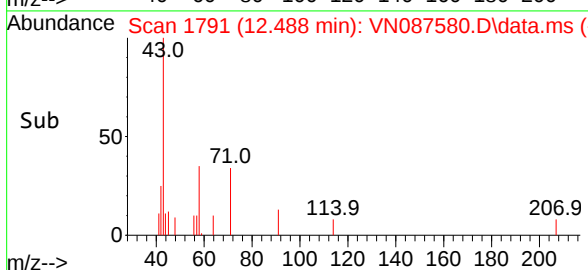
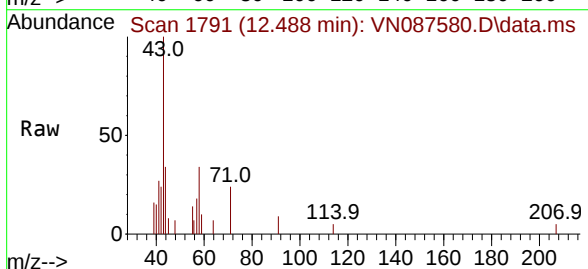


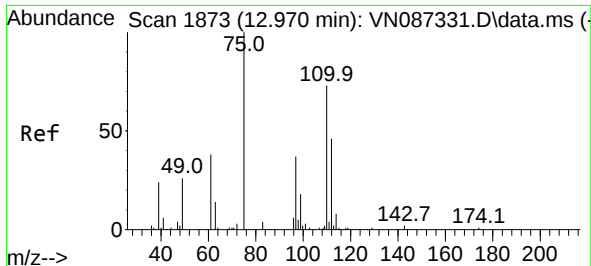
Tgt Ion:152 Resp: 219403
Ion Ratio Lower Upper
152 100
115 65.5 31.1 93.5
150 158.0 0.0 349.0



#74
N-ethyl acetate
Concen: 0.662 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 43 Resp: 3799
Ion Ratio Lower Upper
43 100
70 5.1 37.6 56.4#
55 13.1 19.6 29.4#
61 0.0 20.6 31.0#

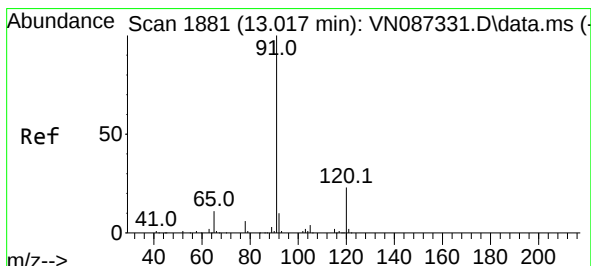
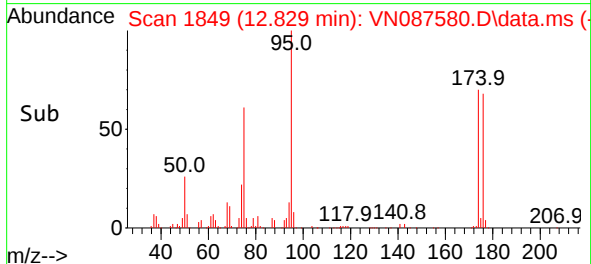
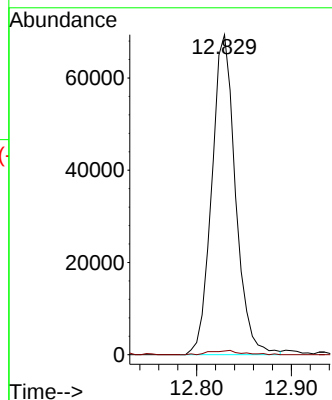
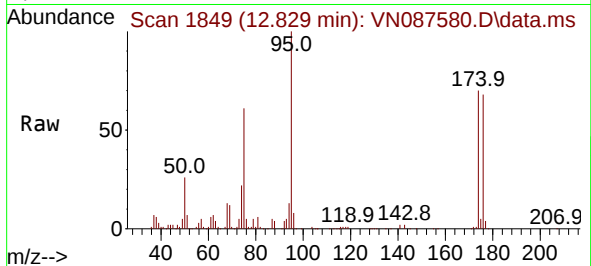




#76
1,2,3-Trichloropropane
Concen: 24.483 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

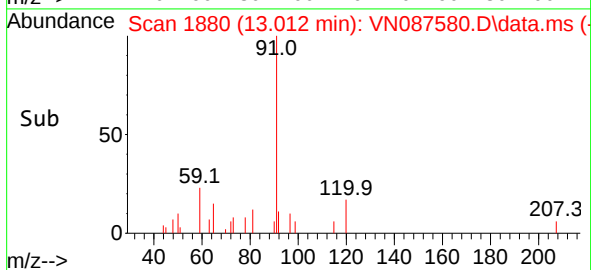
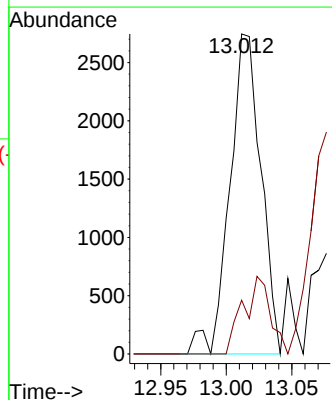
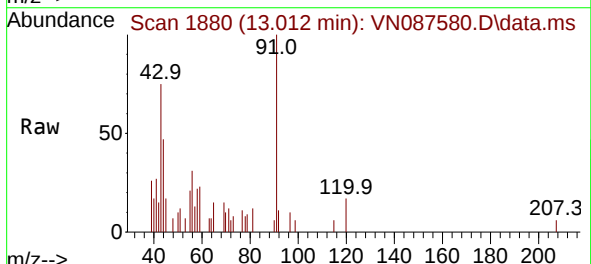
Instrument :
MSVOA_N
ClientSampleId :

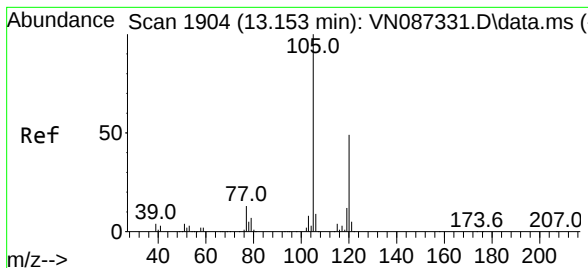
Tgt Ion: 75 Resp: 120454
Ion Ratio Lower Upper
75 100
77 1.7 94.5 283.6#



#78
n-propylbenzene
Concen: 0.262 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion: 91 Resp: 4547
Ion Ratio Lower Upper
91 100
120 21.0 11.3 33.8





#80

1,3,5-Trimethylbenzene

Concen: 0.839 ug/l

RT: 13.147 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

Instrument :

MSVOA_N

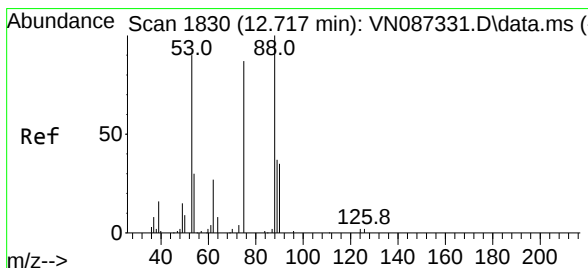
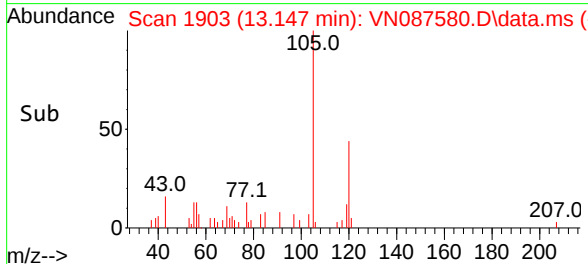
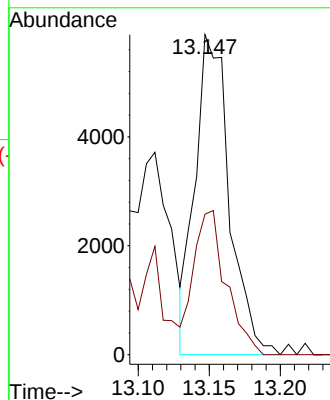
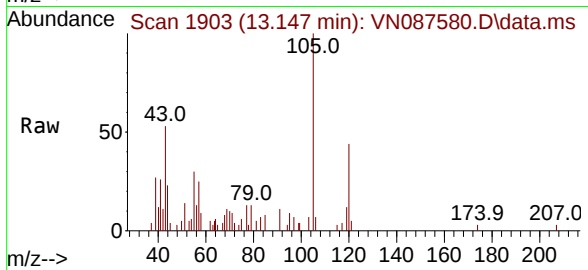
ClientSampleId :

Tgt Ion:105 Resp: 9868

Ion Ratio Lower Upper

105 100

120 42.6 24.3 72.8



#81

trans-1,4-Dichloro-2-butene

Concen: 66.989 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. 0.112 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

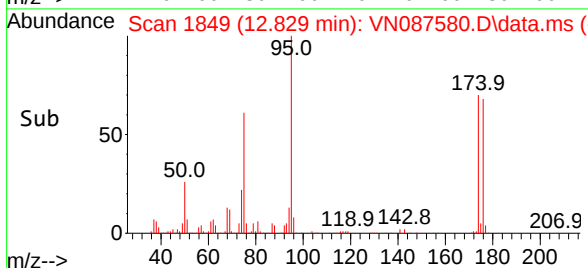
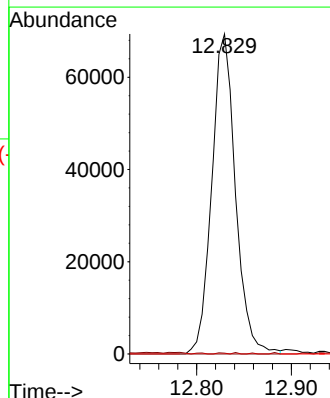
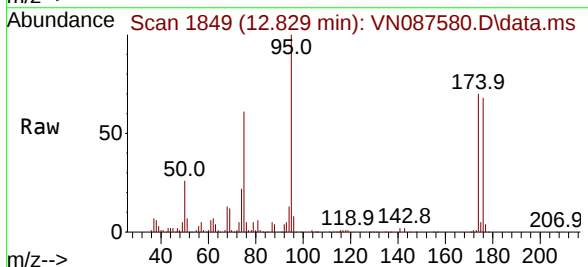
Tgt Ion: 75 Resp: 120454

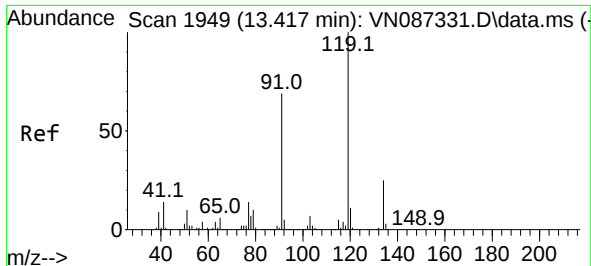
Ion Ratio Lower Upper

75 100

53 0.1 83.5 125.3#

89 0.0 38.4 57.6#

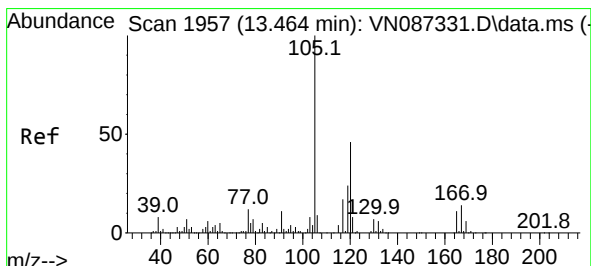
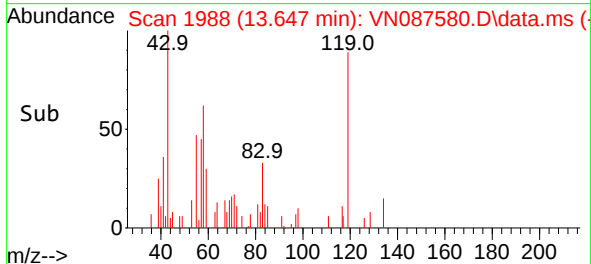
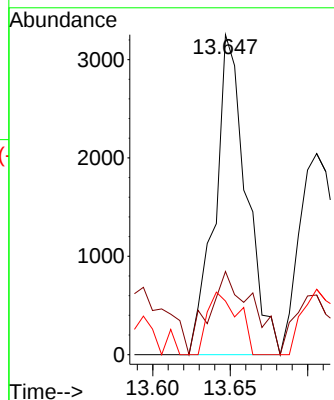
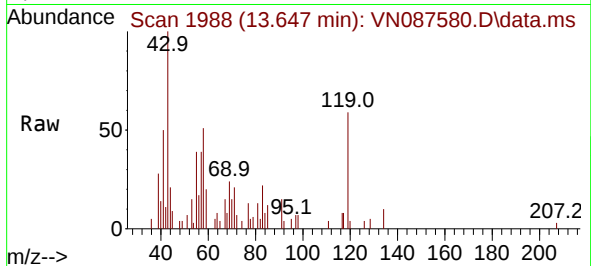




#83
tert-Butylbenzene
Concen: 0.469 ug/l
RT: 13.647 min Scan# 1949
Delta R.T. 0.230 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

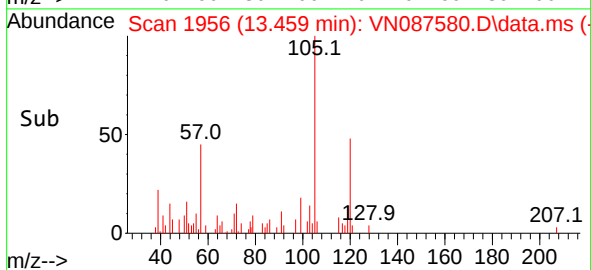
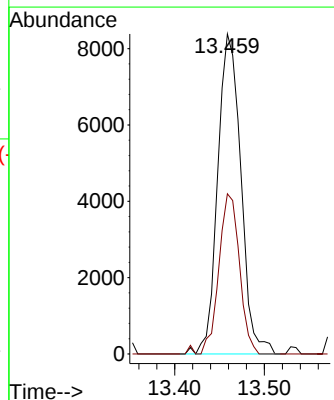
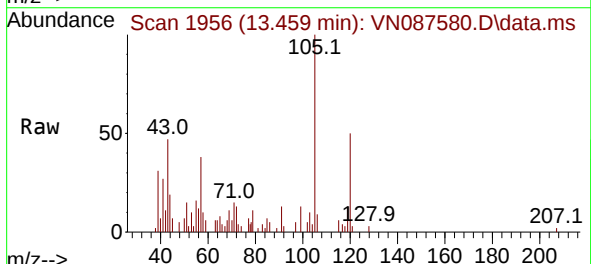
Instrument :
MSVOA_N
ClientSampleId :

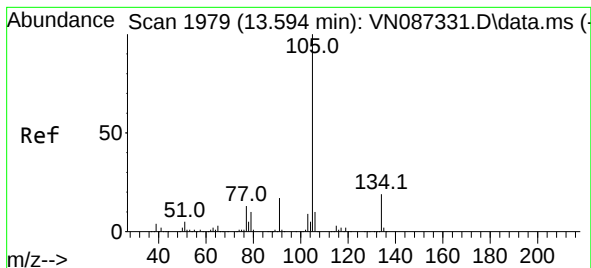
Tgt Ion:119 Resp: 4605
Ion Ratio Lower Upper
119 100
91 35.5 35.0 105.1
134 19.0 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 1.252 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

Tgt Ion:105 Resp: 15043
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 0.244 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

Instrument :

MSVOA_N

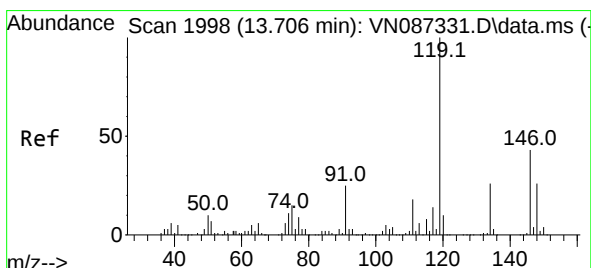
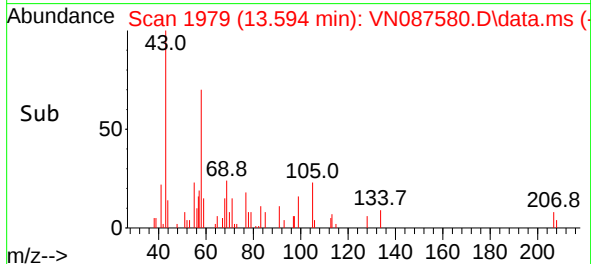
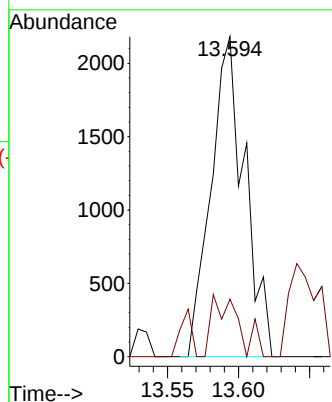
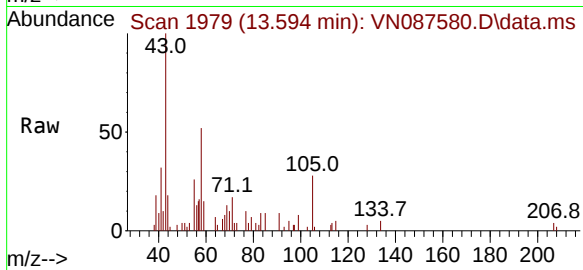
ClientSampleId :

Tgt Ion:105 Resp: 3611

Ion Ratio Lower Upper

105 100

134 15.5 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.307 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087580.D

Acq: 15 Aug 2025 14:35

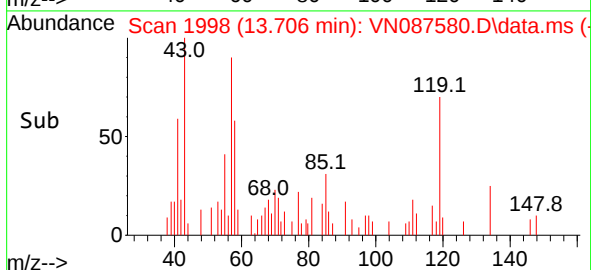
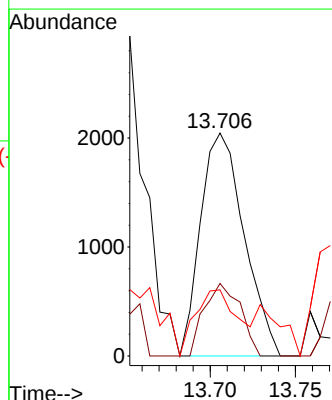
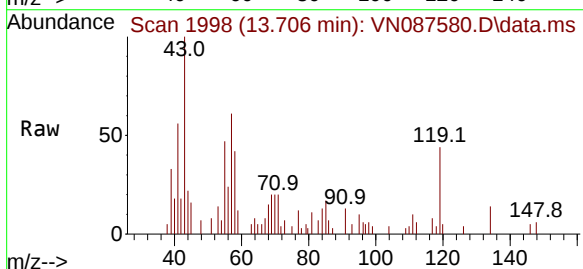
Tgt Ion:119 Resp: 3636

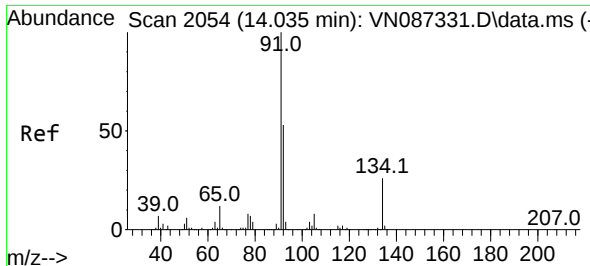
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 28.9 12.2 36.6

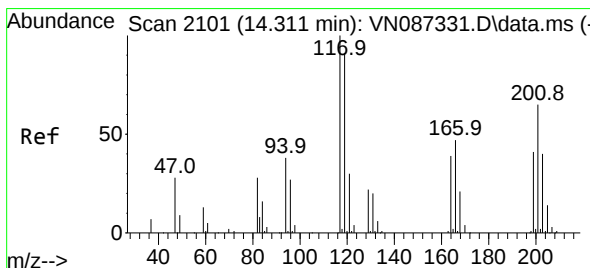
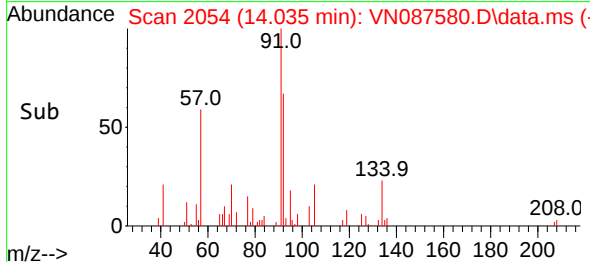
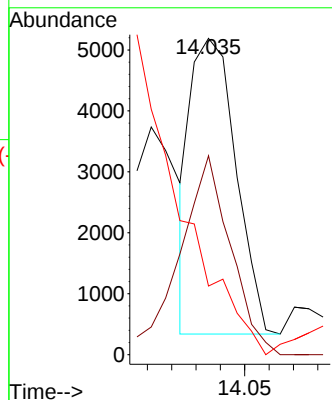
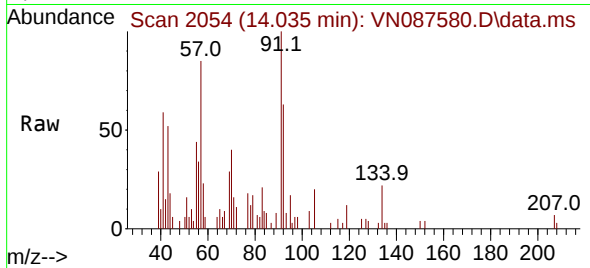




#89
n-Butylbenzene
Concen: 0.551 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

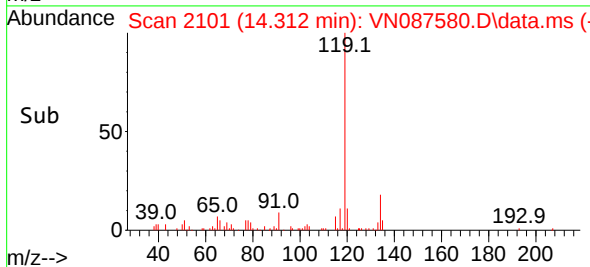
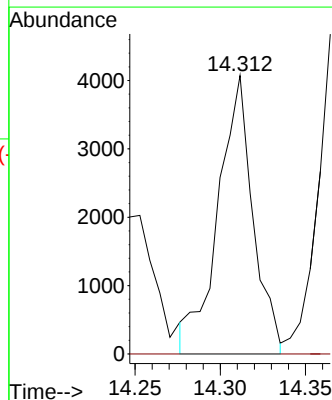
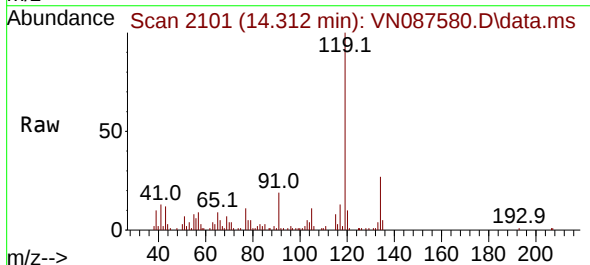
Instrument :
MSVOA_N
ClientSampleId :

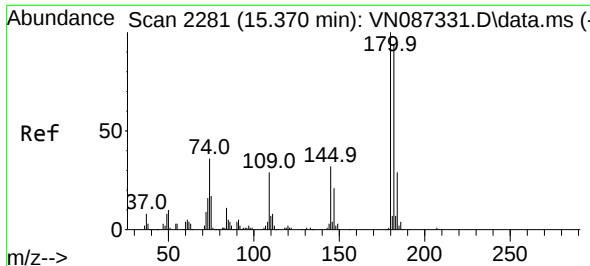
Tgt Ion: 91 Resp: 6237
Ion Ratio Lower Upper
91 100
92 74.2 26.2 78.6
134 0.0 12.4 37.2#



#90
Hexachloroethane
Concen: 2.311 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

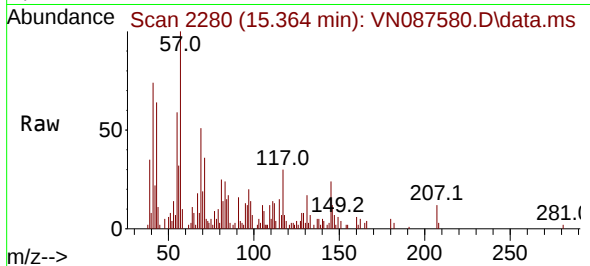
Tgt Ion: 117 Resp: 5807
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#



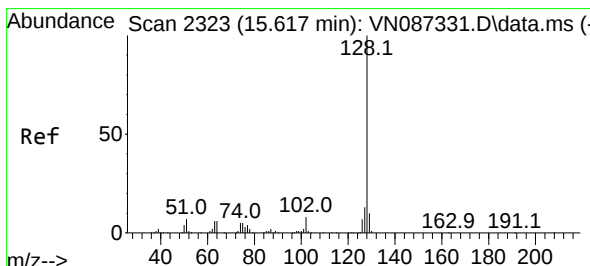
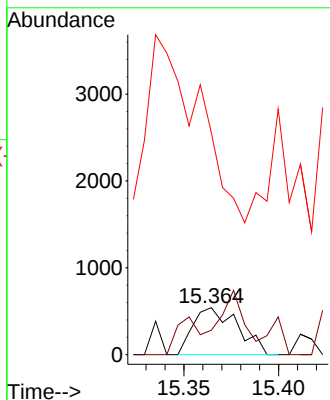
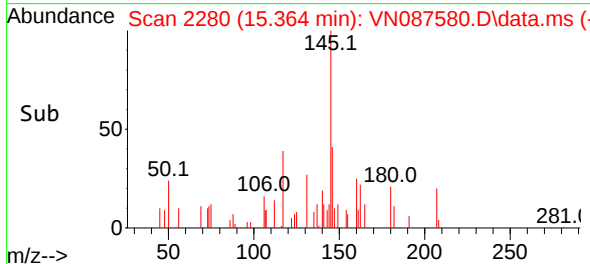


#93
1,2,4-Trichlorobenzene
Concen: 0.226 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35

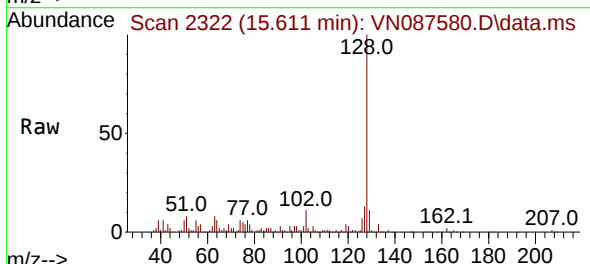
Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:180 Resp: 885
Ion Ratio Lower Upper
180 100
182 56.8 47.3 141.8
145 0.0 15.4 46.4#



#95
Naphthalene
Concen: 13.997 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VN087580.D
Acq: 15 Aug 2025 14:35



Tgt Ion:128 Resp: 193949
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 12.2 8.4 12.6

