

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086520.D
 Acq On : 06 May 2025 17:23
 Operator : JC\MD
 Sample : Q1914-08
 Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

Quant Time: May 07 02:57:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

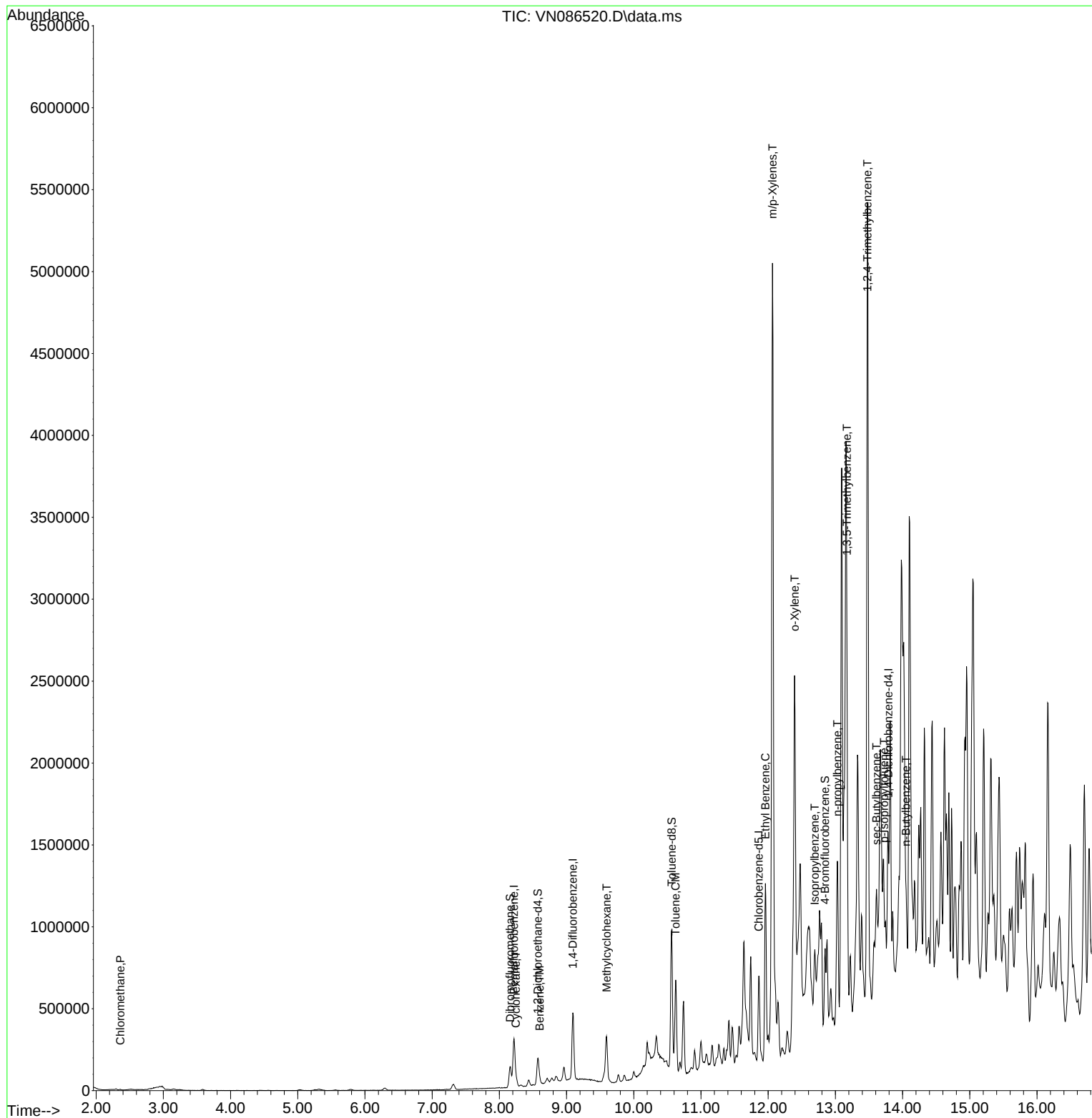
Internal Standards						
1) Pentafluorobenzene	8.218	168	198517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	370271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	347259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	152767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	130584	45.363	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	90.720%		
35) Dibromofluoromethane	8.159	113	95715	55.698	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	111.400%		
50) Toluene-d8	10.565	98	484795	52.785	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.560%		
62) 4-Bromofluorobenzene	12.847	95	166788	49.789	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.580%		
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	3612	1.056	ug/l	90
31) Cyclohexane	8.247	56	39261	8.416	ug/l #	93
39) Methylcyclohexane	9.594	83	134843	33.052	ug/l	96
40) Benzene	8.600	78	34163	3.107	ug/l	99
52) Toluene	10.624	92	246705	35.953	ug/l	98
67) Ethyl Benzene	11.959	91	793307	56.728	ug/l	99
68) m/p-Xylenes	12.065	106	1134281	216.469	ug/l	95
69) o-Xylene	12.394	106	559998	108.067	ug/l	100
73) Isopropylbenzene	12.694	105	215076	17.211	ug/l	99
78) n-propylbenzene	13.029	91	710525	48.251	ug/l	90
80) 1,3,5-Trimethylbenzene	13.170	105	757282	74.039	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	2932662	281.680	ug/l	97
85) sec-Butylbenzene	13.612	105	246151	20.024	ug/l	87
86) p-Isopropyltoluene	13.723	119	134722	13.296	ug/l	98
89) n-Butylbenzene	14.053	91	284019	31.624	ug/l #	83

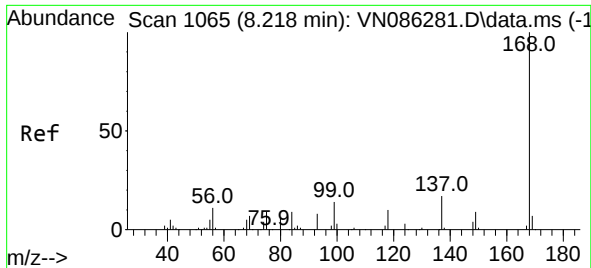
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN086520\
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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

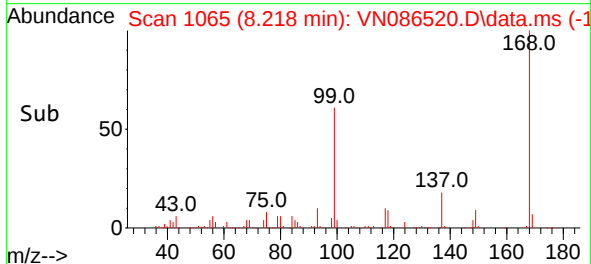
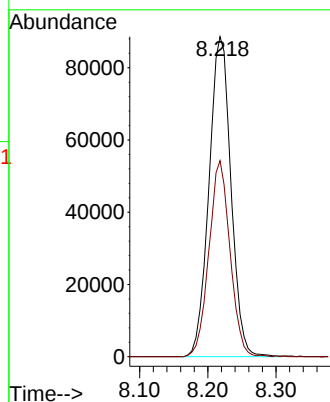
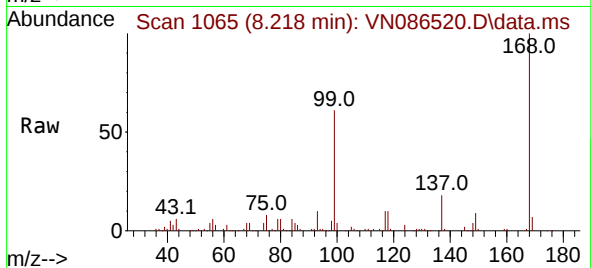




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

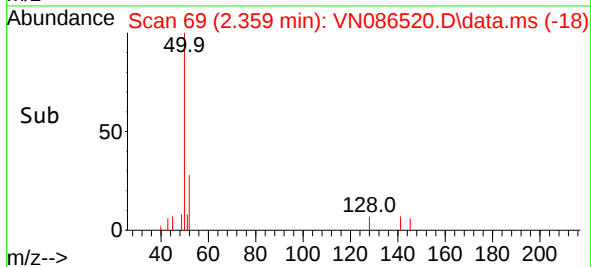
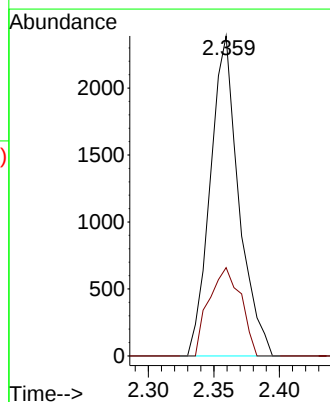
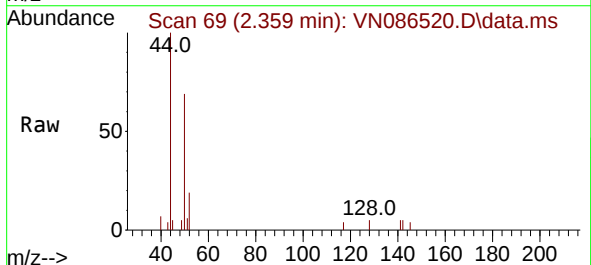
Instrument :
MSVOA_N
ClientSampleId :
SS-7

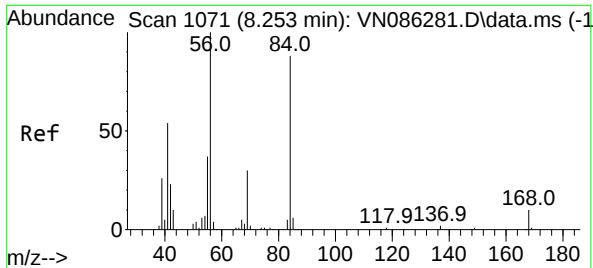
Tgt Ion:168 Resp: 198517
Ion Ratio Lower Upper
168 100
99 61.3 52.5 78.7



#3
Chloromethane
Concen: 1.056 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 50 Resp: 3612
Ion Ratio Lower Upper
50 100
52 27.6 26.5 39.7

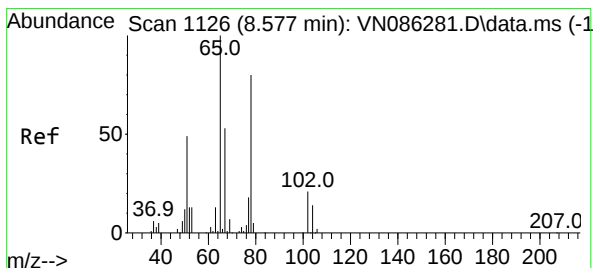
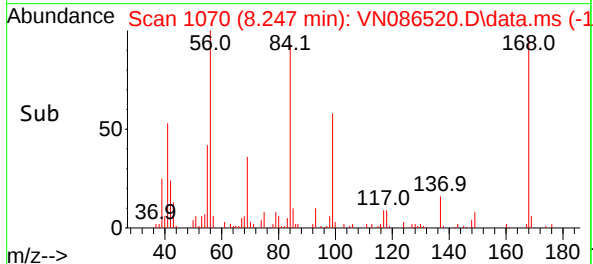
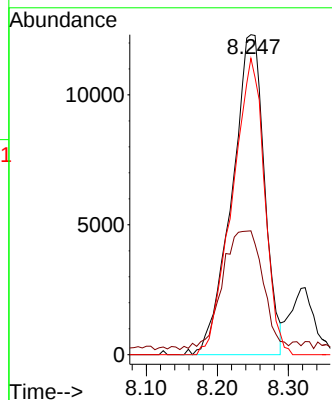
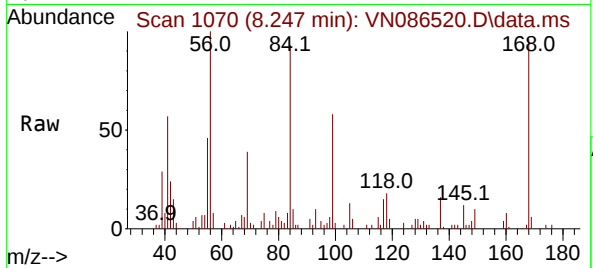




#31
Cyclohexane
Concen: 8.416 ug/l
RT: 8.247 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

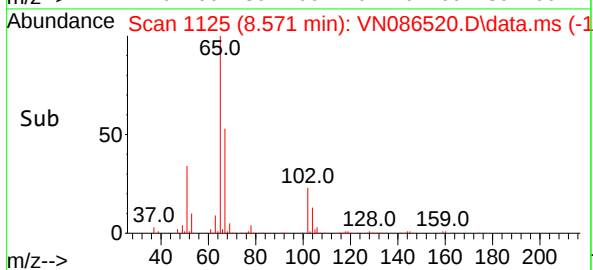
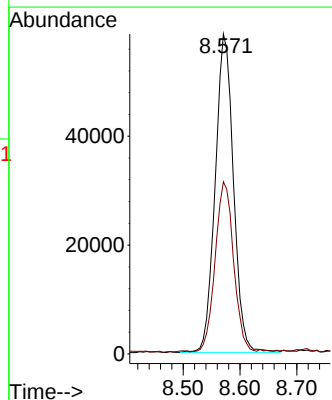
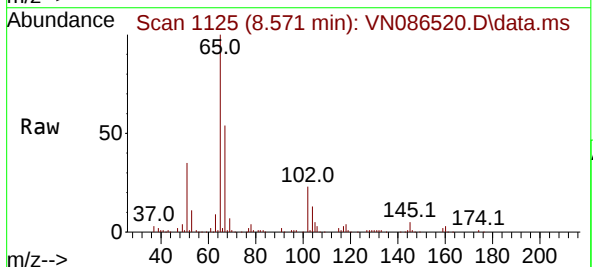
Instrument :
MSVOA_N
ClientSampleId :
SS-7

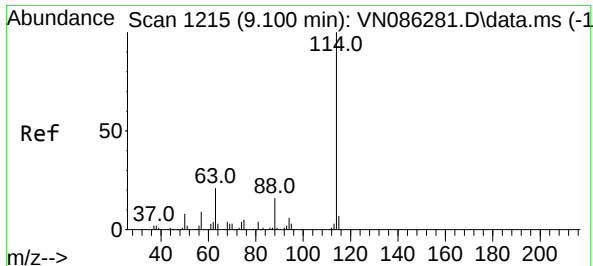
Tgt Ion: 56 Resp: 39261
Ion Ratio Lower Upper
56 100
69 37.1 24.2 36.2#
84 92.6 70.3 105.5



#33
1,2-Dichloroethane-d4
Concen: 45.363 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 65 Resp: 130584
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

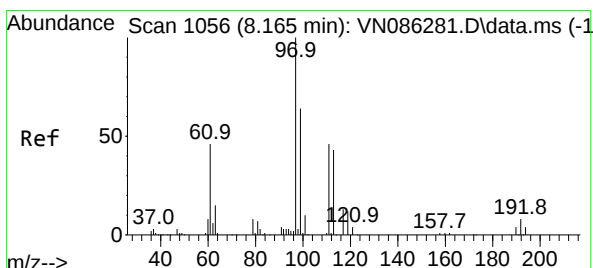
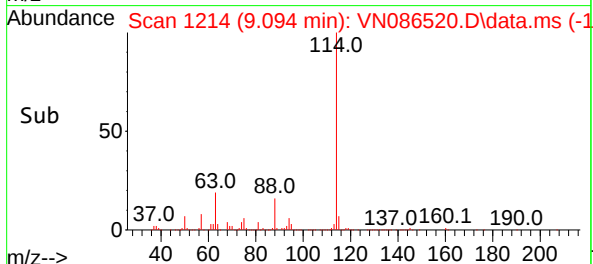
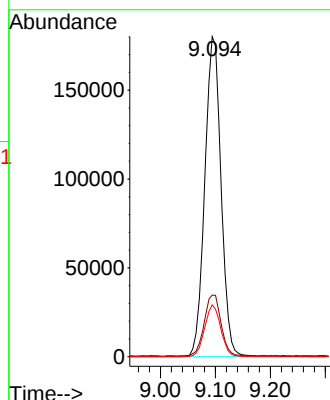
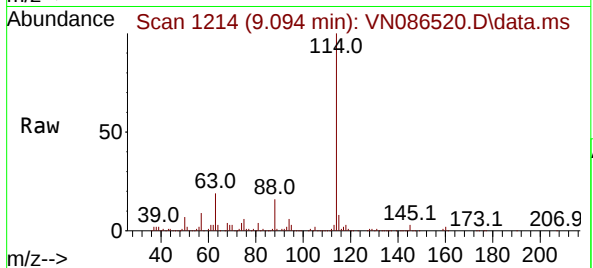
Tgt Ion:114 Resp: 370271

Ion Ratio Lower Upper

114 100

63 19.0 0.0 42.6

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.698 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

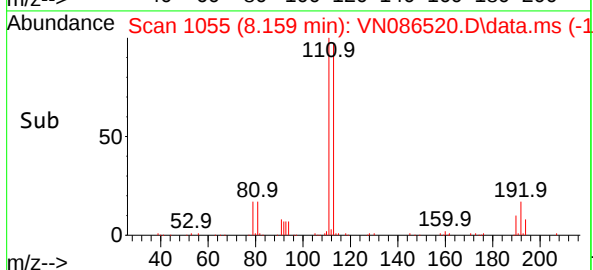
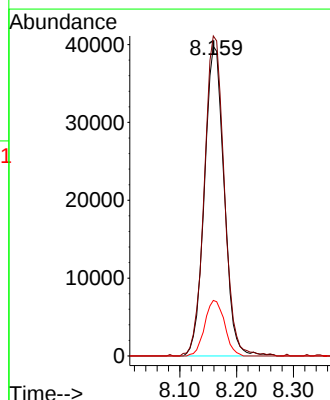
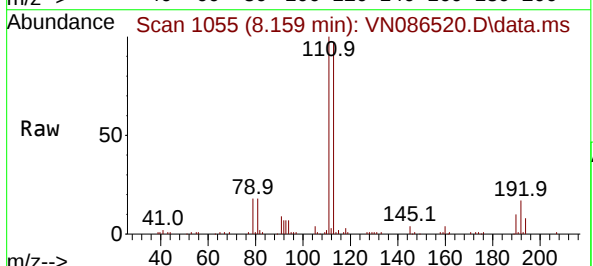
Tgt Ion:113 Resp: 95715

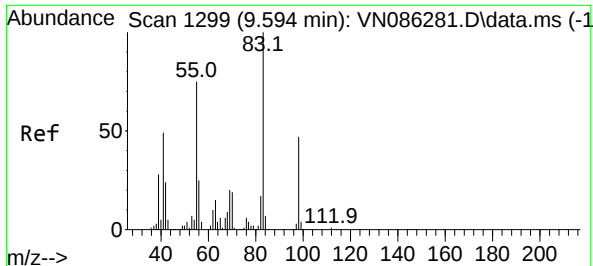
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

192 18.0 13.7 20.5





#39

Methylcyclohexane

Concen: 33.052 ug/l

RT: 9.594 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

SS-7

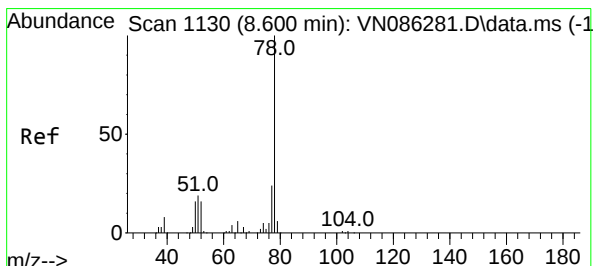
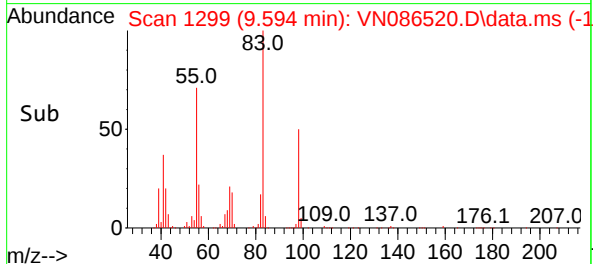
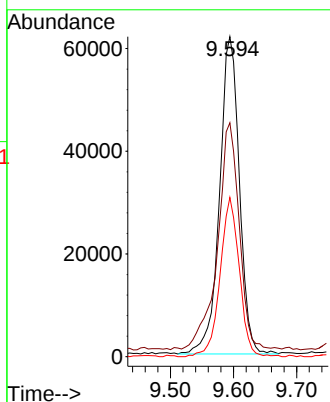
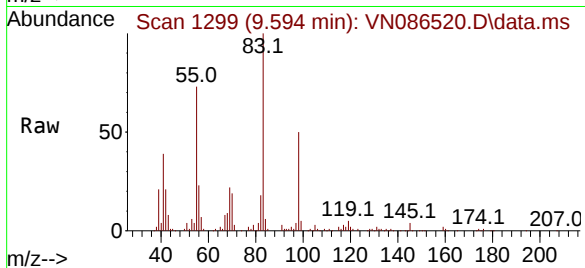
Tgt Ion: 83 Resp: 134843

Ion Ratio Lower Upper

83 100

55 71.0 59.8 89.8

98 50.2 37.9 56.9



#40

Benzene

Concen: 3.107 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086520.D

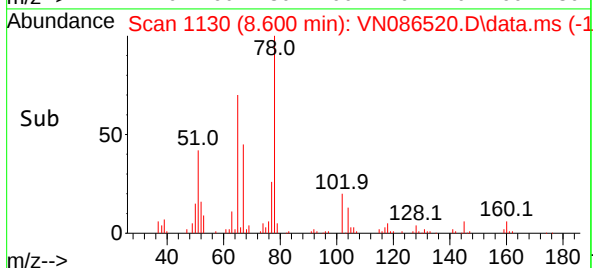
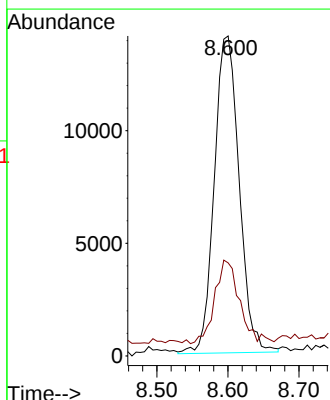
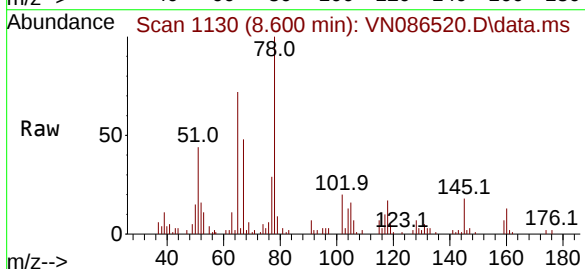
Acq: 06 May 2025 17:23

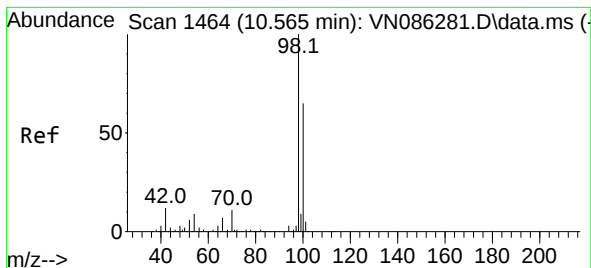
Tgt Ion: 78 Resp: 34163

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.2





#50

Toluene-d8

Concen: 52.785 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

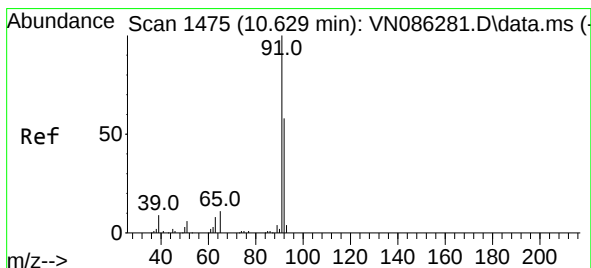
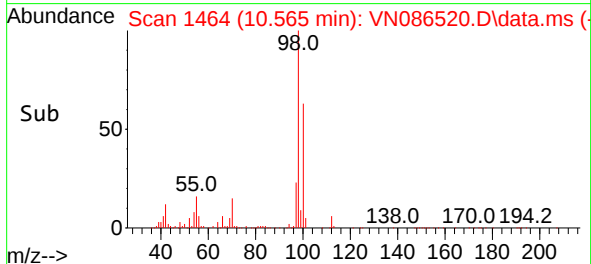
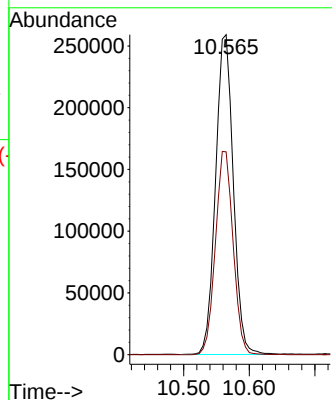
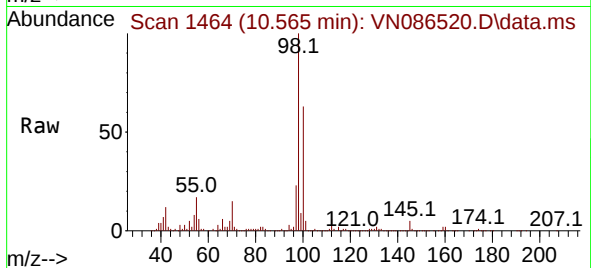
SS-7

Tgt Ion: 98 Resp: 484795

Ion Ratio Lower Upper

98 100

100 63.5 52.5 78.7



#52

Toluene

Concen: 35.953 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VN086520.D

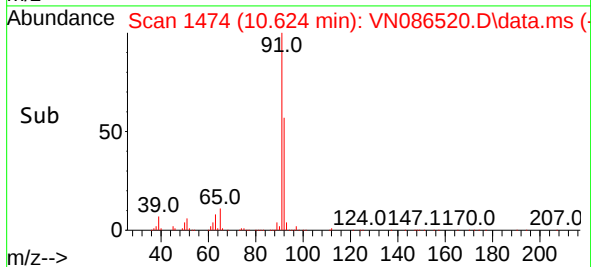
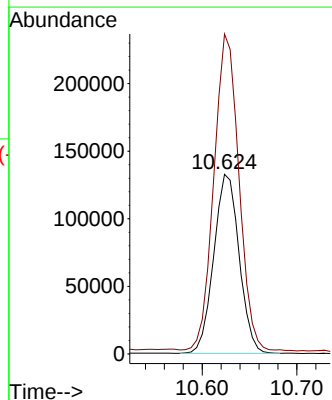
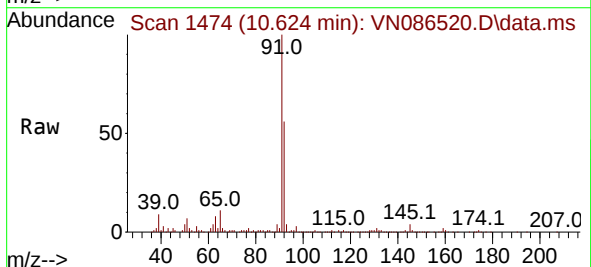
Acq: 06 May 2025 17:23

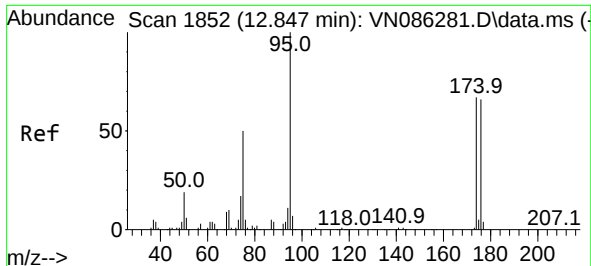
Tgt Ion: 92 Resp: 246705

Ion Ratio Lower Upper

92 100

91 174.9 137.3 205.9

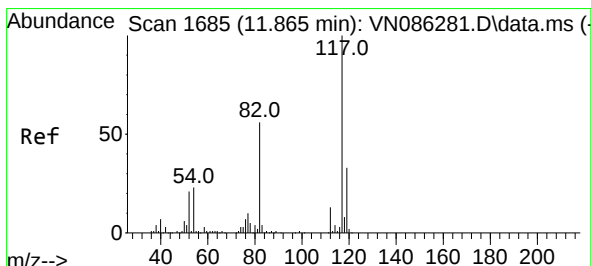
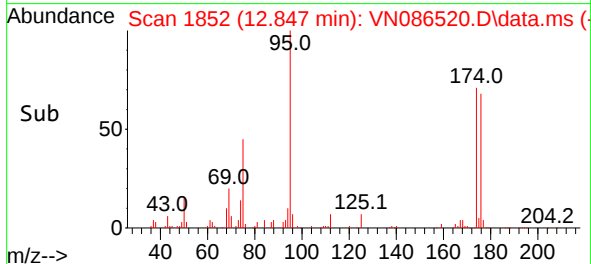
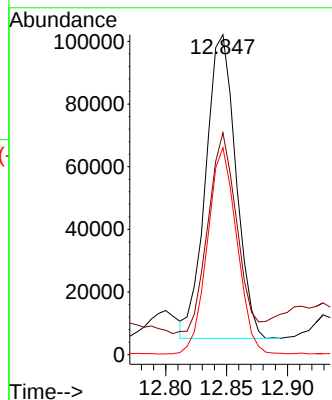
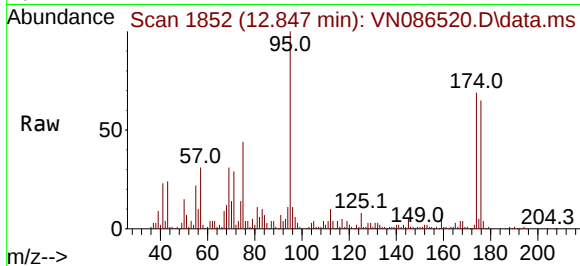




#62
4-Bromofluorobenzene
Concen: 49.789 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

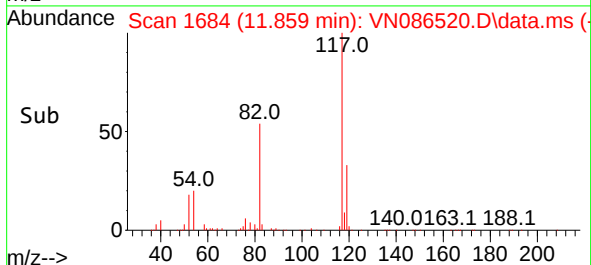
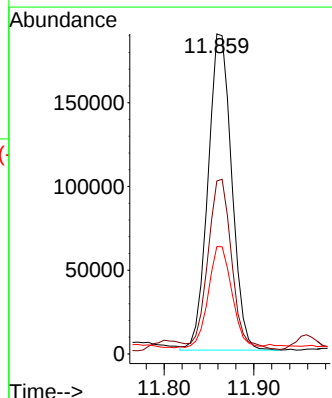
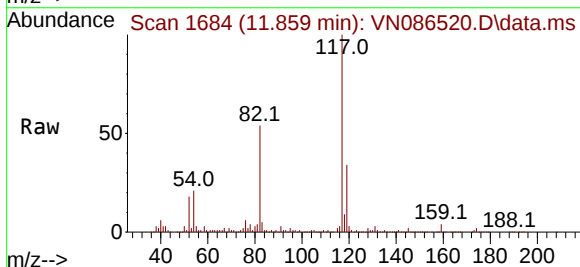
Instrument :
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SS-7

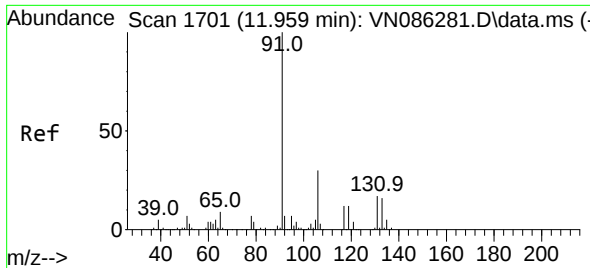
Tgt Ion: 95 Resp: 166788
Ion Ratio Lower Upper
95 100
174 63.7 0.0 133.4
176 66.0 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion: 117 Resp: 347259
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 31.7 26.4 39.6

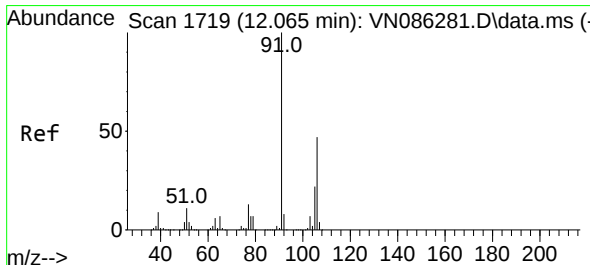
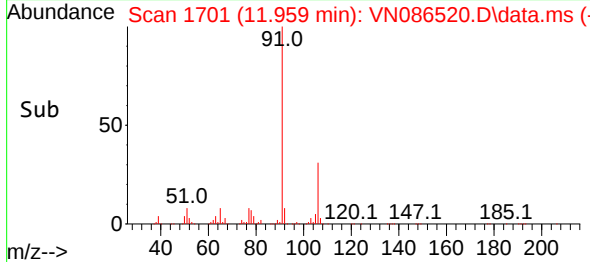
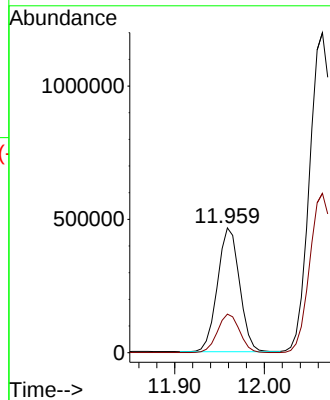
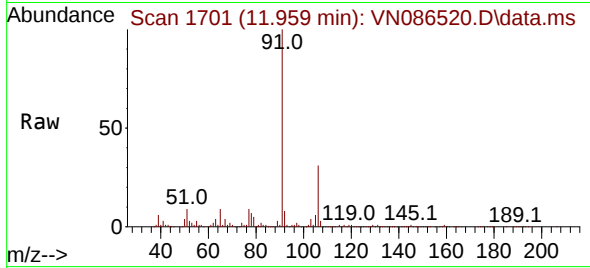




#67
Ethyl Benzene
Concen: 56.728 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

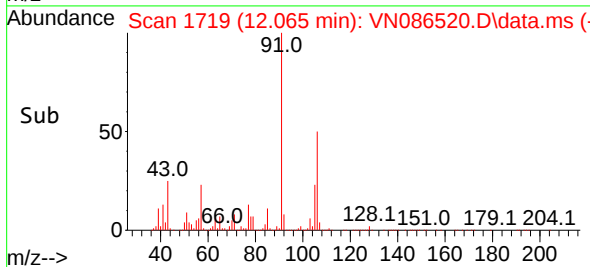
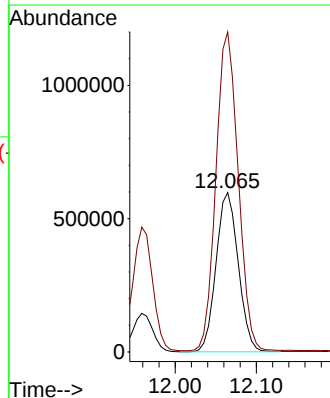
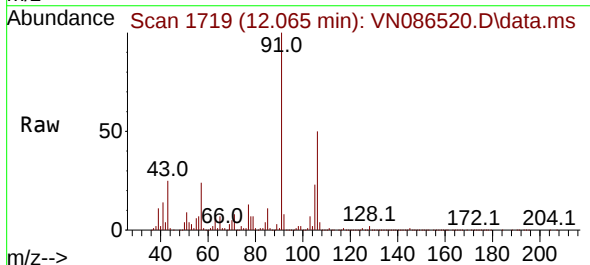
Instrument :
MSVOA_N
ClientSampleId :
SS-7

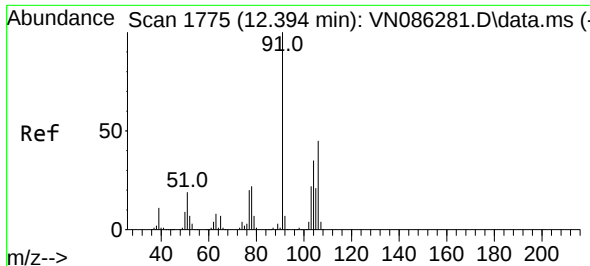
Tgt Ion: 91 Resp: 793307
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 216.469 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:106 Resp: 1134281
Ion Ratio Lower Upper
106 100
91 200.2 166.5 249.7

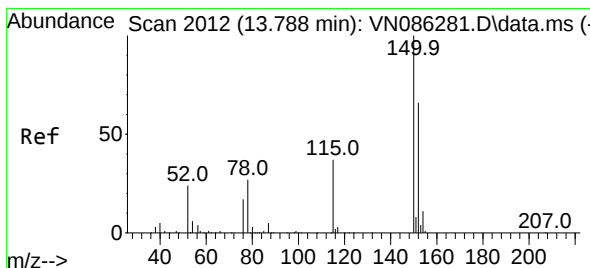
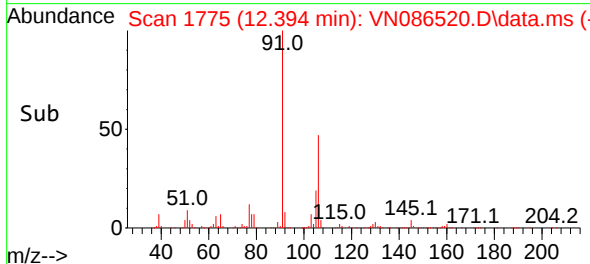
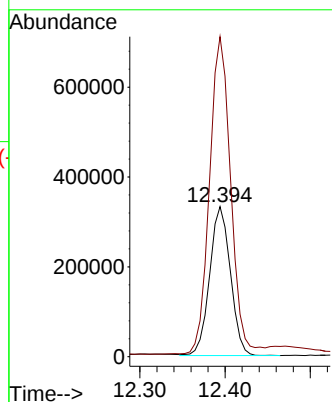
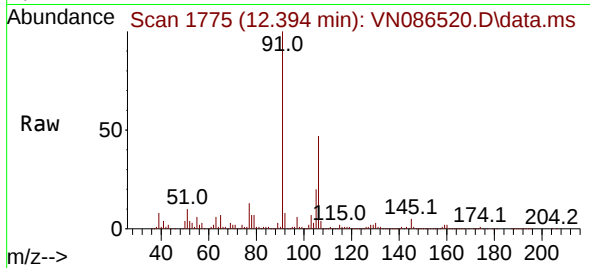




#69
o-Xylene
Concen: 108.067 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

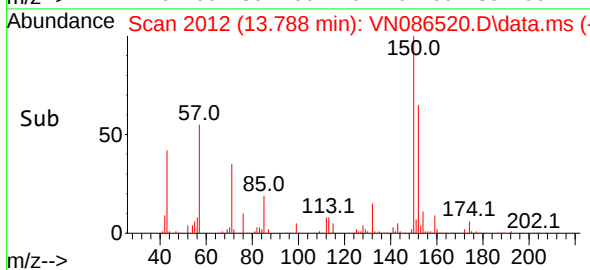
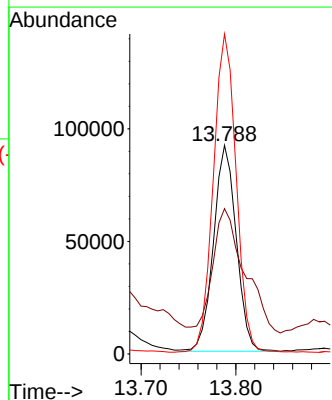
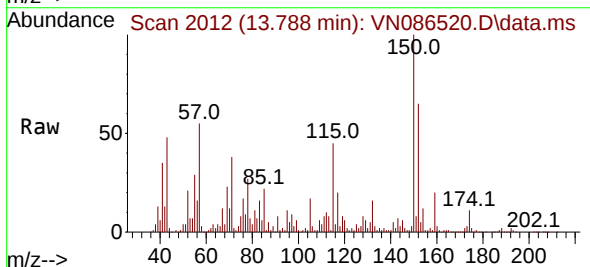
Instrument :
MSVOA_N
ClientSampleId :
SS-7

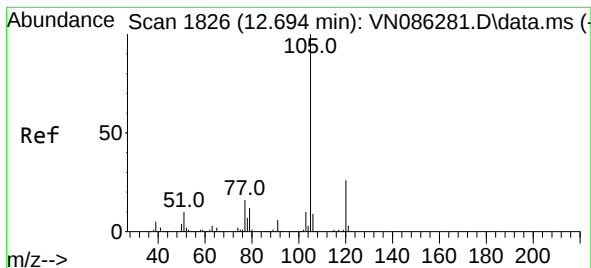
Tgt Ion:106 Resp: 559998
Ion Ratio Lower Upper
106 100
91 218.5 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:152 Resp: 152767
Ion Ratio Lower Upper
152 100
115 84.3 31.9 95.9
150 155.3 0.0 352.0





#73

Isopropylbenzene

Concen: 17.211 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086520.D

Acq: 06 May 2025 17:23

Instrument :

MSVOA_N

ClientSampleId :

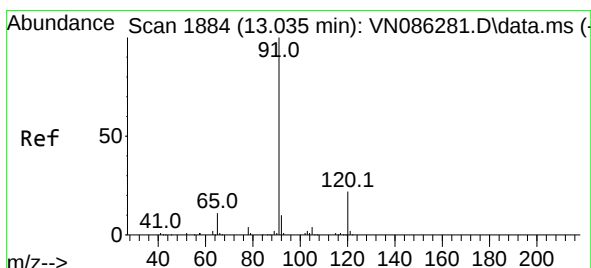
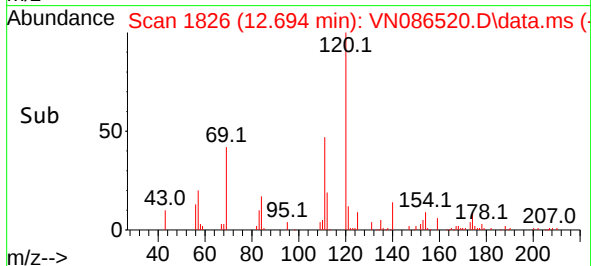
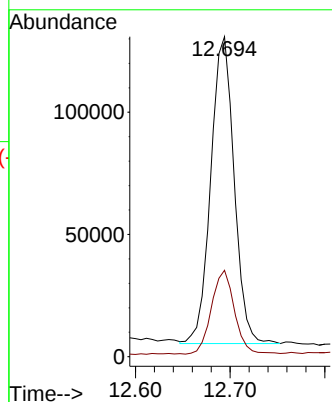
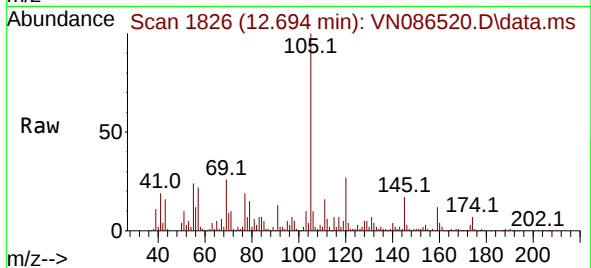
SS-7

Tgt Ion:105 Resp: 215076

Ion Ratio Lower Upper

105 100

120 26.9 13.1 39.3



#78

n-propylbenzene

Concen: 48.251 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086520.D

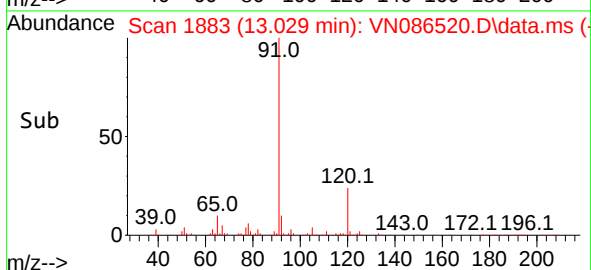
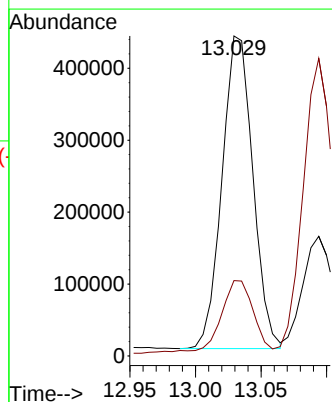
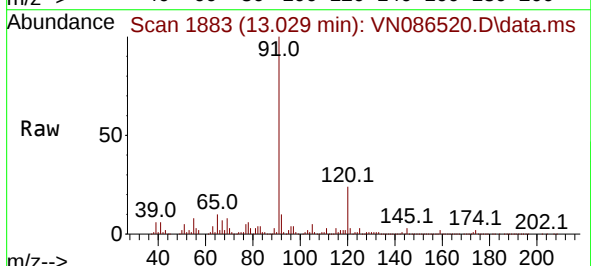
Acq: 06 May 2025 17:23

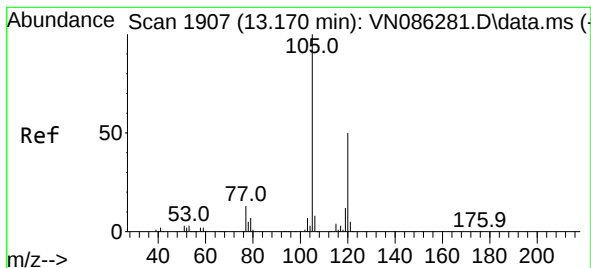
Tgt Ion: 91 Resp: 710525

Ion Ratio Lower Upper

91 100

120 27.0 11.1 33.3

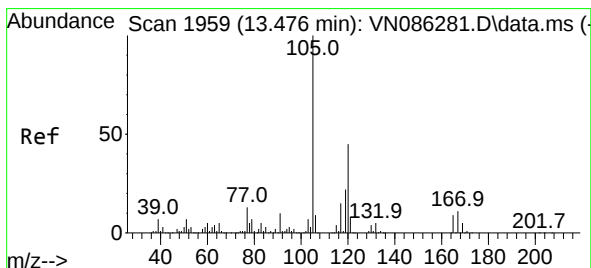
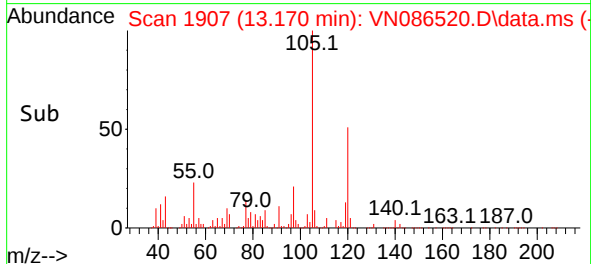
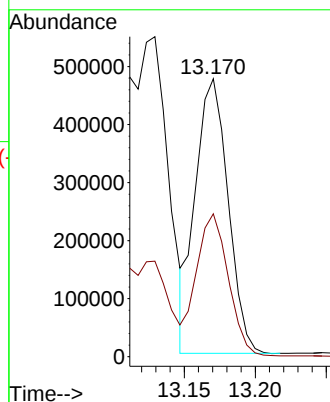
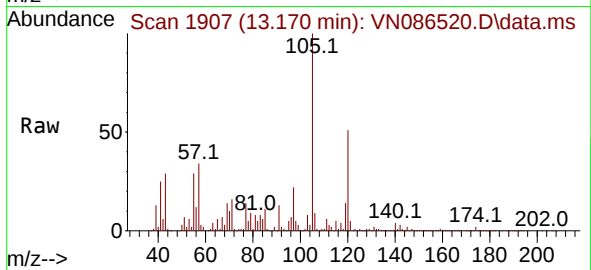




#80
1,3,5-Trimethylbenzene
Concen: 74.039 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

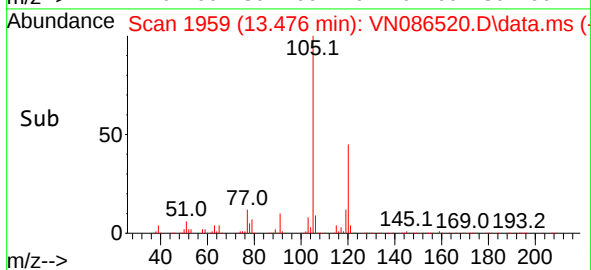
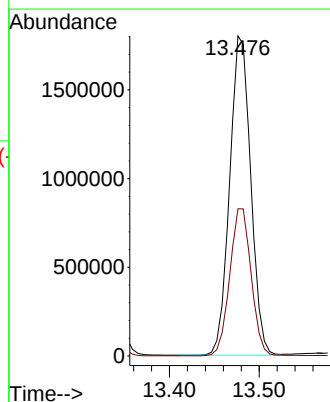
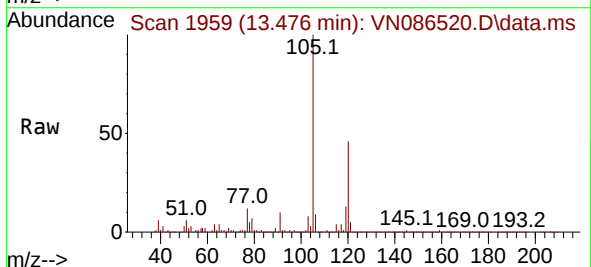
Instrument :
MSVOA_N
ClientSampleId :
SS-7

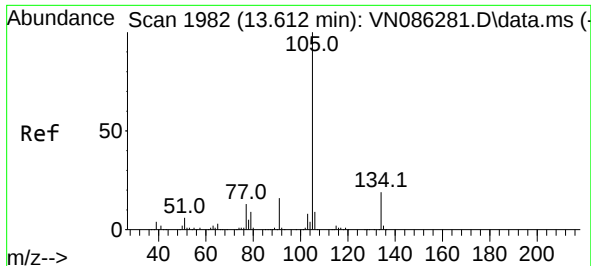
Tgt Ion:105 Resp: 757282
Ion Ratio Lower Upper
105 100
120 51.1 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 281.680 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086520.D
Acq: 06 May 2025 17:23

Tgt Ion:105 Resp: 2932662
Ion Ratio Lower Upper
105 100
120 47.1 22.4 67.3

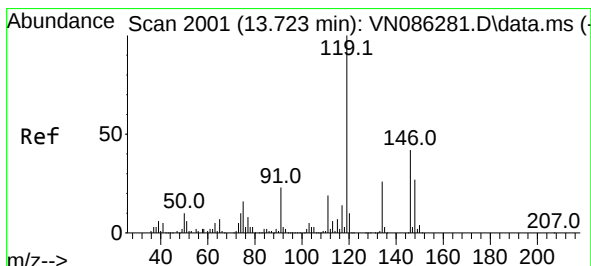
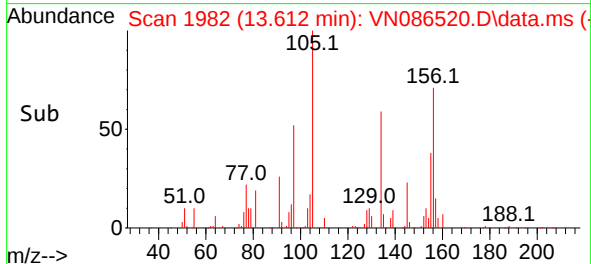
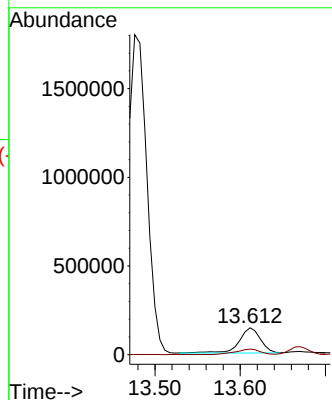
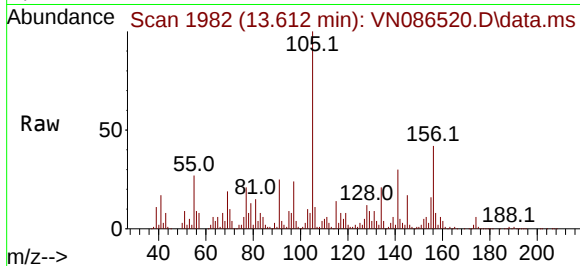




#85
 sec-Butylbenzene
 Concen: 20.024 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

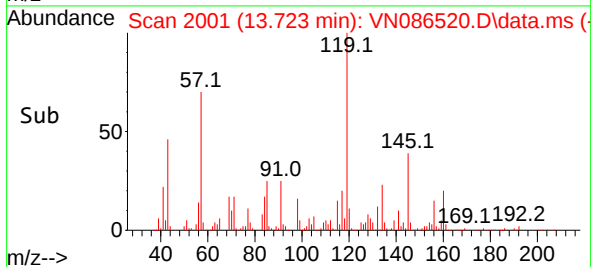
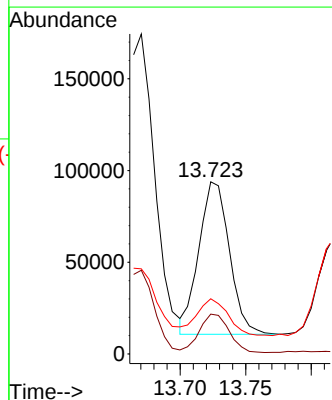
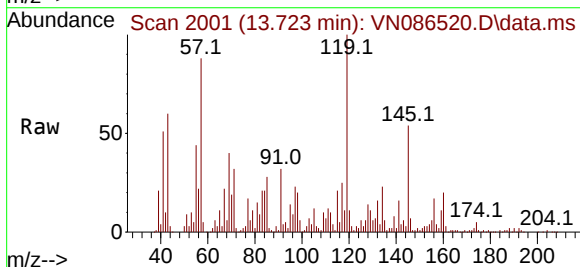
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

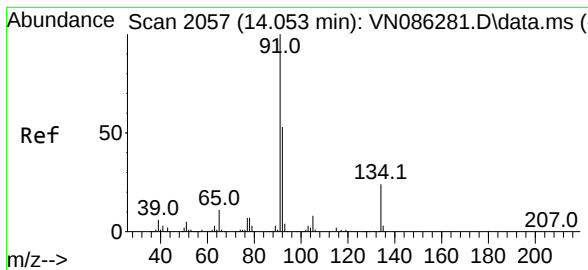
Tgt Ion:105 Resp: 246151
 Ion Ratio Lower Upper
 105 100
 134 25.5 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 13.296 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

Tgt Ion:119 Resp: 134722
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.1 39.1
 91 24.4 11.9 35.9





#89
 n-Butylbenzene
 Concen: 31.624 ug/l
 RT: 14.053 min Scan# 2057
 Delta R.T. -0.000 min
 Lab File: VN086520.D
 Acq: 06 May 2025 17:23

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7

Tgt Ion:	91	Resp:	284019
Ion	Ratio	Lower	Upper
91	100		
92	55.4	26.8	80.4
134	0.0	12.2	36.6#

