

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087581.D
 Acq On : 15 Aug 2025 14:57
 Operator : JC\MD
 Sample : Q2840-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:44:27 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	8.206	168	265409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	592635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	556144	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	279802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	250221	55.562	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.120%	
35) Dibromofluoromethane	8.153	113	180450	44.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 88.280%	
50) Toluene-d8	10.547	98	679071	46.568	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.140%	
62) 4-Bromofluorobenzene	12.829	95	260673	48.385	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.760%	

Target Compounds				Qvalue		
6) Chloroethane	3.148	64	705	0.307	ug/l #	63
10) Methyl Iodide	4.571	142	140	5.676	ug/l #	40
11) Tert butyl alcohol	5.506	59	2678	3.132	ug/l	99
13) Acrolein	4.189	56	1231	1.794	ug/l #	15
14) Allyl chloride	4.942	41	38666	7.051	ug/l #	21
15) Acrylonitrile	5.712	53	12980	5.594	ug/l	96
16) Acetone	4.424	43	168484	79.792	ug/l	92
17) Carbon Disulfide	4.706	76	4211	0.469	ug/l #	71
18) Methyl Acetate	5.024	43	9952	1.876	ug/l #	74
20) Methylene Chloride	5.259	84	1491	Below Cal	#	80
22) Diisopropyl ether	6.789	45	1067933	92.835	ug/l #	1
23) Vinyl Acetate	6.789	43	2753706	273.704	ug/l #	74
25) 2-Butanone	7.477	43	185541	56.871	ug/l	100
29) Tetrahydrofuran	7.806	42	984	0.464	ug/l #	51
30) Chloroform	7.953	83	16803	2.529	ug/l #	83
31) Cyclohexane	8.212	56	8753	1.581	ug/l #	27
36) 1,1-Dichloropropene	8.206	75	26204	4.852	ug/l #	44
37) Ethyl Acetate	7.547	43	14975	1.920	ug/l #	77
38) Carbon Tetrachloride	8.212	117	32717	5.499	ug/l #	14
40) Benzene	8.594	78	8912	0.511	ug/l	92
41) Methacrylonitrile	7.783	41	6437	1.578	ug/l #	25
43) Isopropyl Acetate	8.530	43	32565	2.689	ug/l #	56
48) Methyl methacrylate	9.636	41	4231	0.776	ug/l #	39
49) 1,4-Dioxane	9.694	88	801	9.594	ug/l #	81
51) 4-Methyl-2-Pentanone	10.435	43	9640	1.259	ug/l	97
52) Toluene	10.606	92	9239	0.871	ug/l	96
56) Ethyl methacrylate	10.847	69	533	0.710	ug/l #	41
59) 2-Hexanone	11.188	43	16778	3.302	ug/l	83
68) m/p-Xylenes	12.047	106	3735	0.485	ug/l #	67
69) o-Xylene	12.371	106	2038	0.277	ug/l	83
74) N-amyl acetate	12.465	43	117429	16.050	ug/l #	41
76) 1,2,3-Trichloropropane	12.829	75	150078	23.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	150078	65.447	ug/l #	8
86) p-Isopropyltoluene	13.706	119	14137	0.935	ug/l	91
89) n-Butylbenzene	14.035	91	5086	0.352	ug/l	84
90) Hexachloroethane	14.294	117	1534	0.479	ug/l #	17

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Instrument :
MSVOA_N
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Quant Time: Aug 18 05:44:27 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

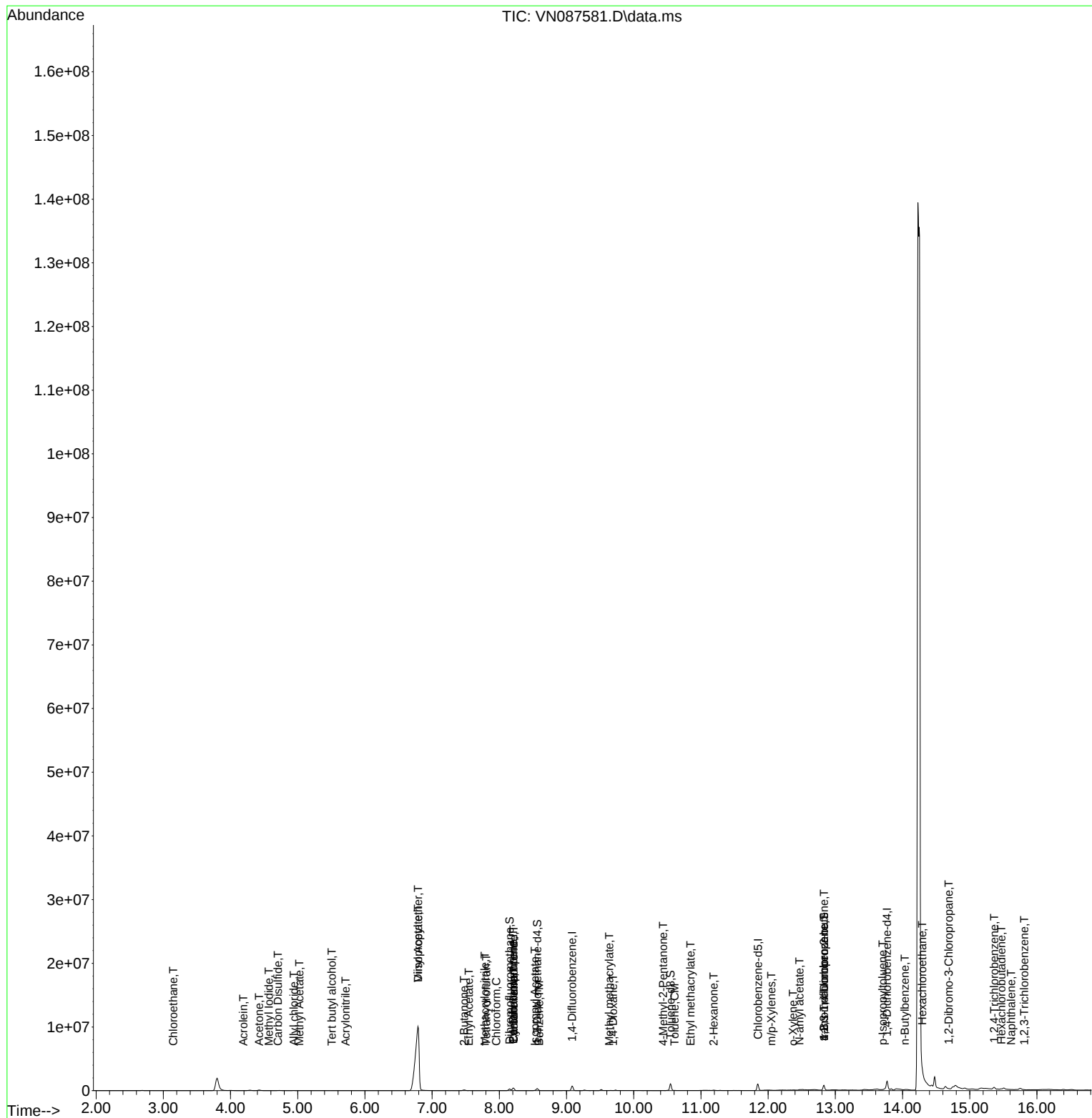
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) 1,2-Dibromo-3-Chloropr...	14.688	75	909	0.522	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.365	180	1462	0.293	ug/l	75
94) Hexachlorobutadiene	15.470	225	418	0.226	ug/l #	61
95) Naphthalene	15.617	128	13340	0.755	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.812	180	1032	0.206	ug/l #	13

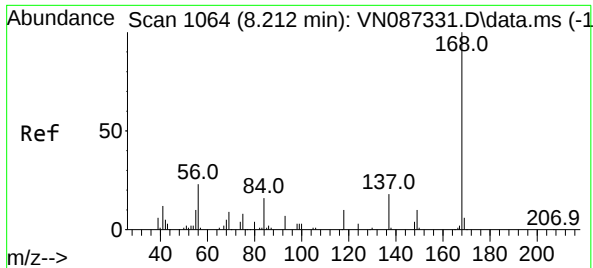
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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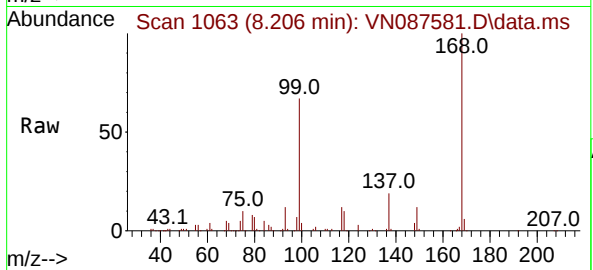
Quant Time: Aug 18 05:44:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
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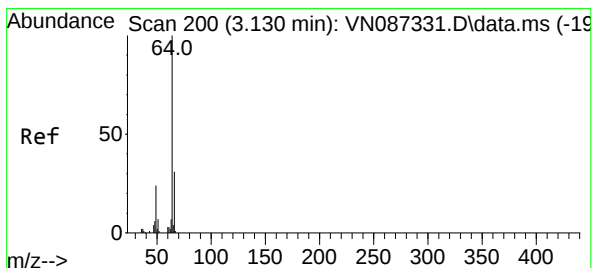
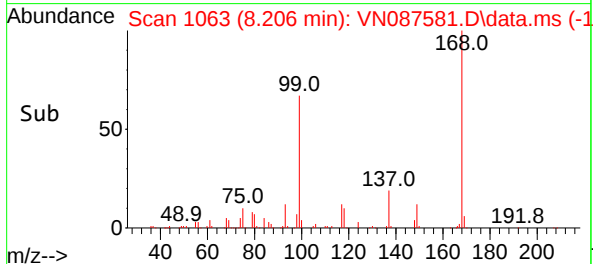
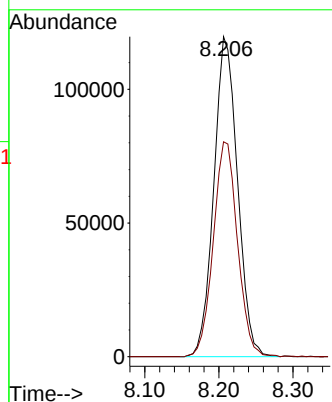
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:168 Resp: 265409

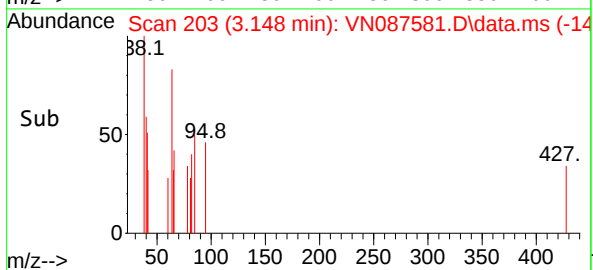
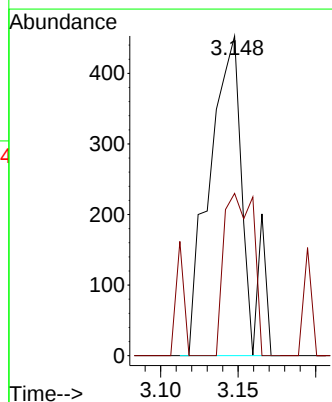
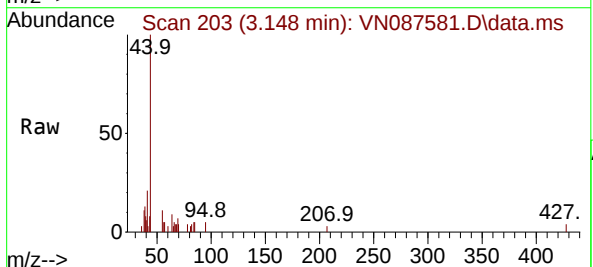
Ion	Ratio	Lower	Upper
168	100		
99	67.2	47.9	71.9

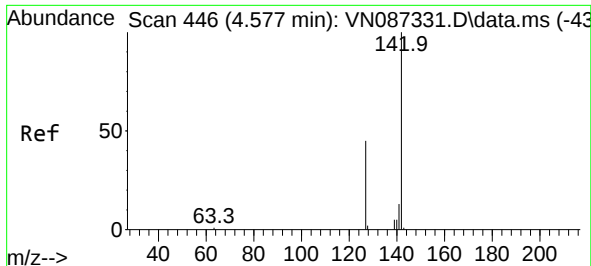


#6
Chloroethane
Concen: 0.307 ug/l
RT: 3.148 min Scan# 203
Delta R.T. 0.018 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 64 Resp: 705

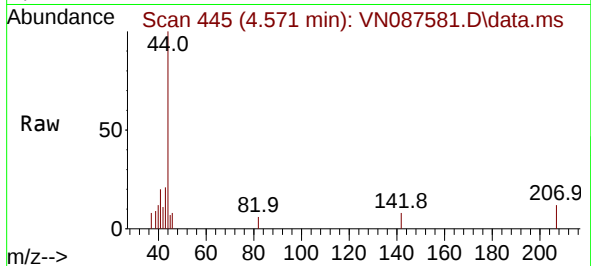
Ion	Ratio	Lower	Upper
64	100		
66	50.8	24.6	36.8



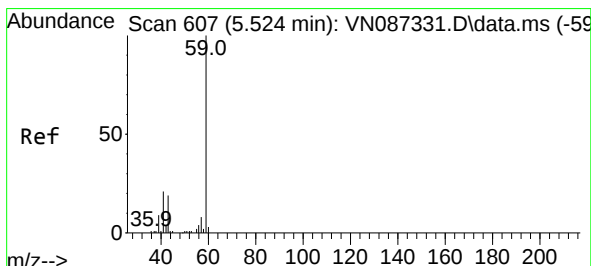
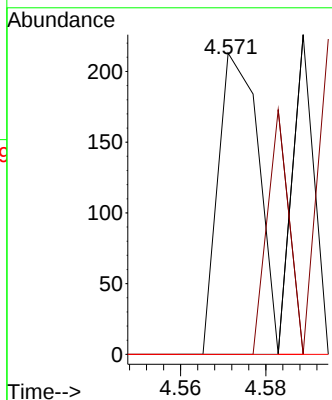
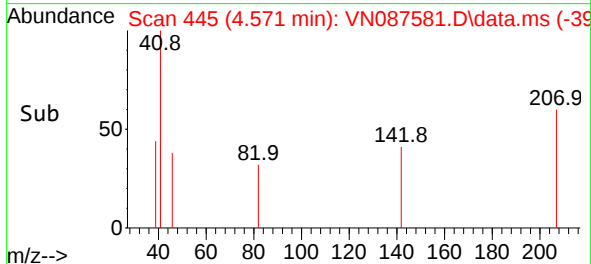


#10
Methyl Iodide
Concen: 5.676 ug/l
RT: 4.571 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

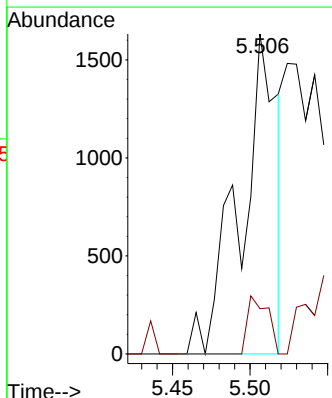
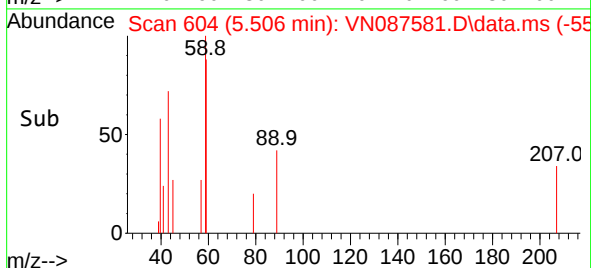
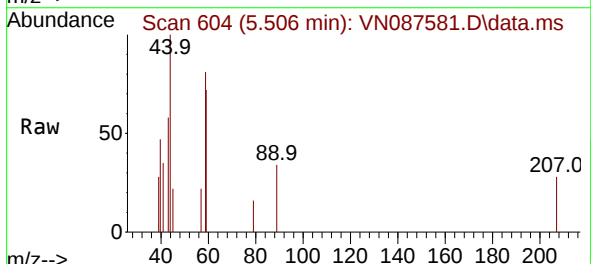


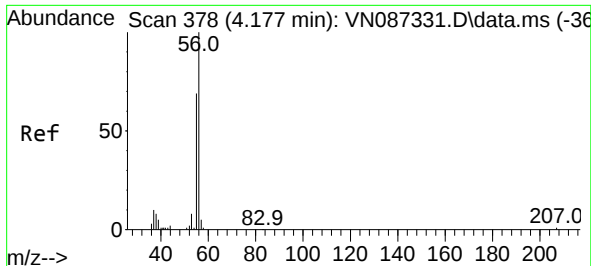
Tgt Ion:142 Resp: 140
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 10.4 15.6#



#11
Tert butyl alcohol
Concen: 3.132 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.017 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

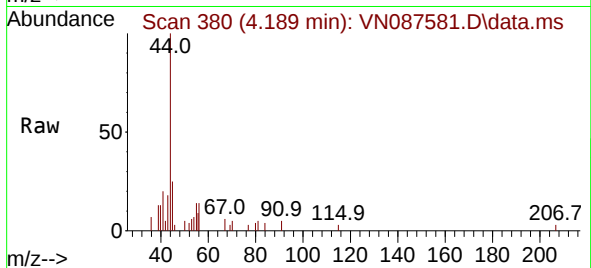
Tgt Ion: 59 Resp: 2678
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5



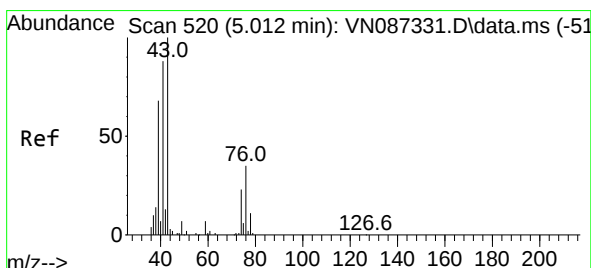
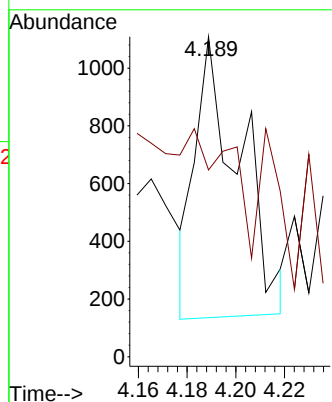
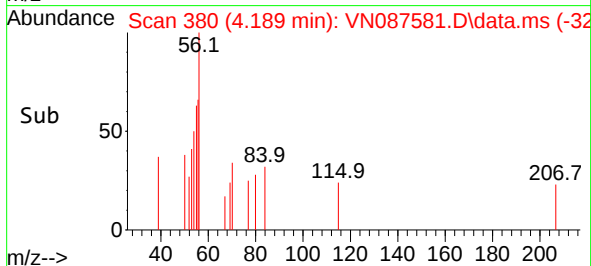


#13
Acrolein
Concen: 1.794 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

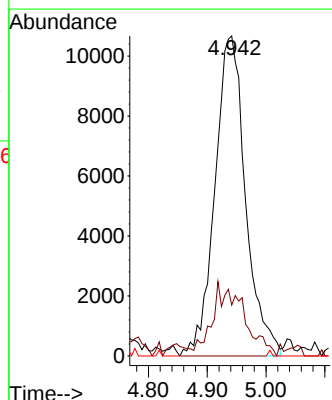
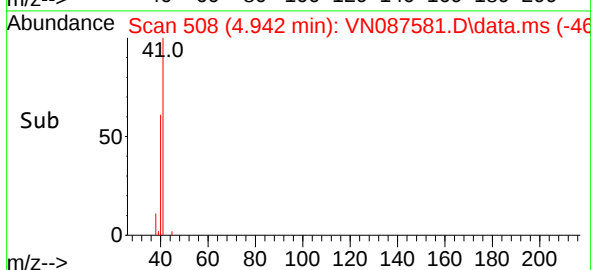
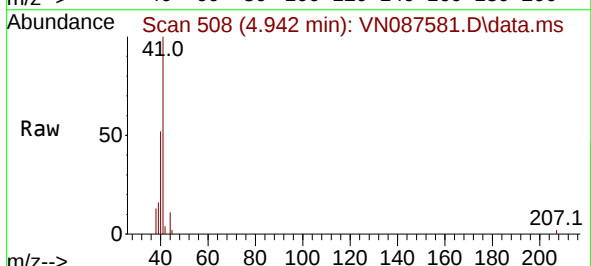


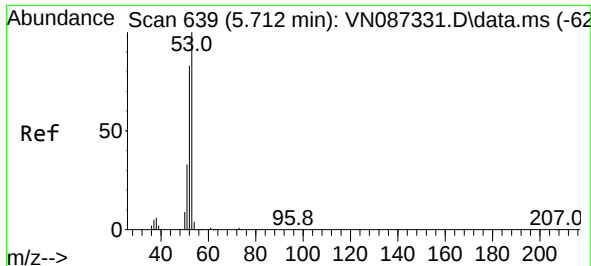
Tgt Ion: 56 Resp: 1231
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#14
Allyl chloride
Concen: 7.051 ug/l
RT: 4.942 min Scan# 508
Delta R.T. -0.070 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

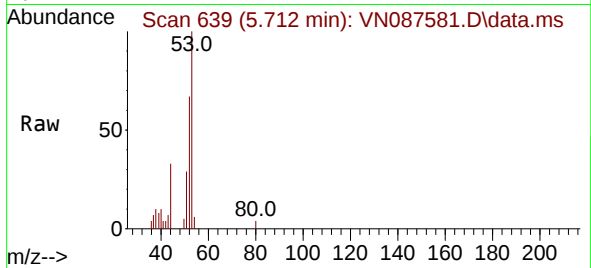
Tgt Ion: 41 Resp: 38666
Ion Ratio Lower Upper
41 100
39 0.0 59.0 88.6#
76 0.0 28.7 43.1#



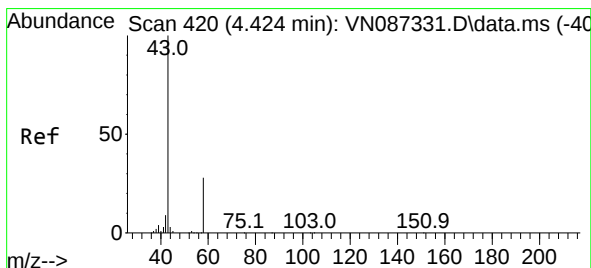
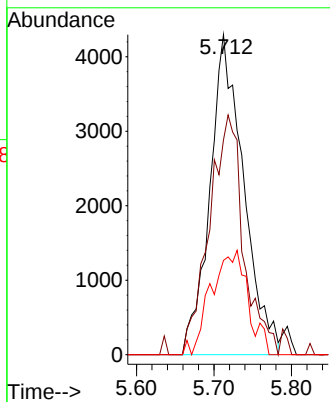
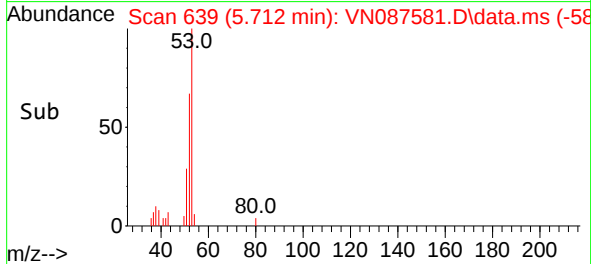


#15
Acrylonitrile
Concen: 5.594 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

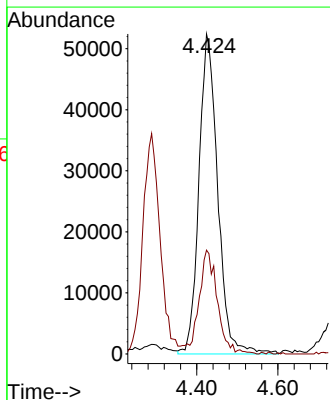
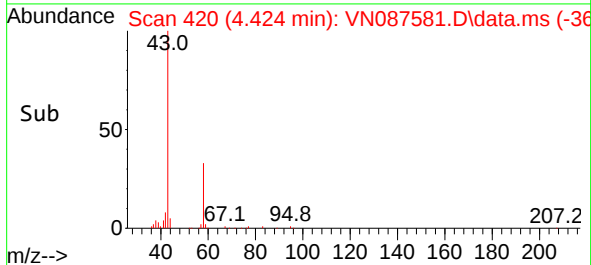
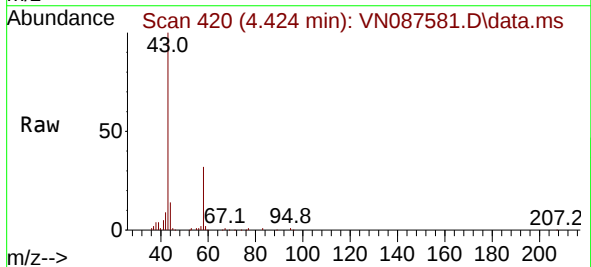


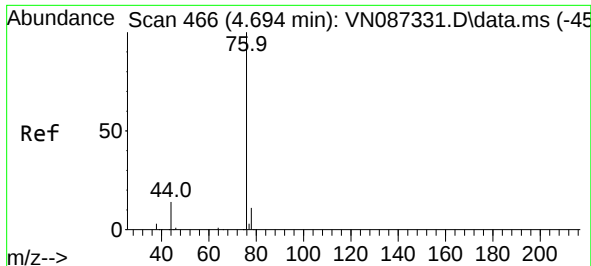
Tgt Ion:	53	Resp:	12980
Ion	Ratio	Lower	Upper
53	100		
52	76.5	65.5	98.3
51	35.6	28.7	43.1



#16
Acetone
Concen: 79.792 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion:	43	Resp:	168484
Ion	Ratio	Lower	Upper
43	100		
58	32.1	22.3	33.5





#17

Carbon Disulfide

Concen: 0.469 ug/l

RT: 4.706 min Scan# 4

Delta R.T. 0.012 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

Instrument :

MSVOA_N

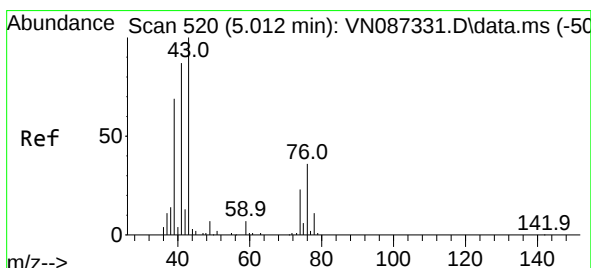
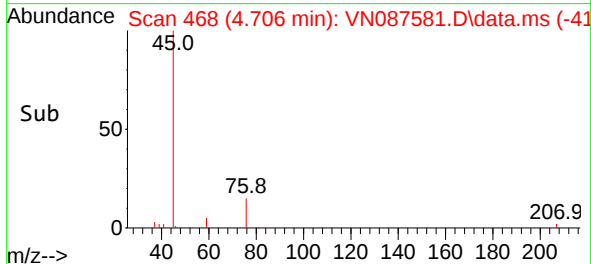
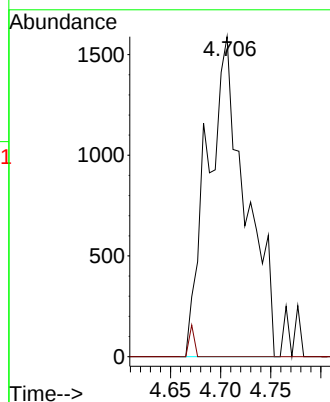
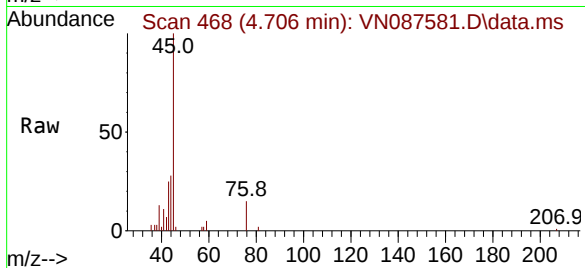
ClientSampleId :

Tgt Ion: 76 Resp: 4211

Ion Ratio Lower Upper

76 100

78 0.0 8.6 13.0#



#18

Methyl Acetate

Concen: 1.876 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.012 min

Lab File: VN087581.D

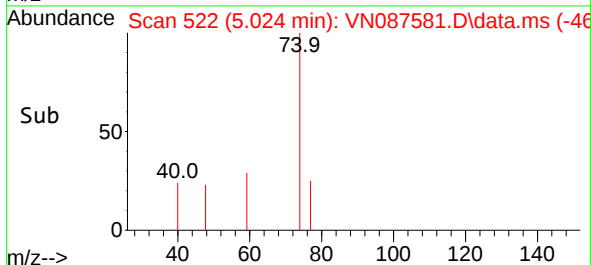
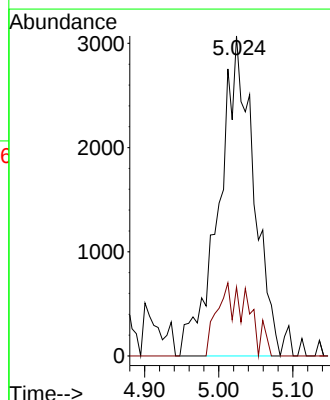
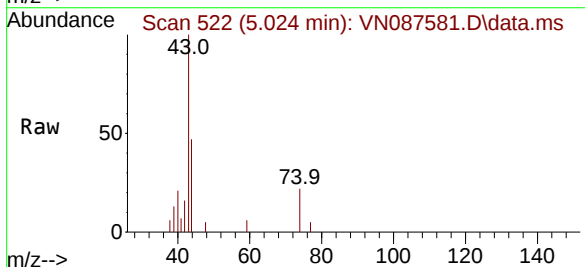
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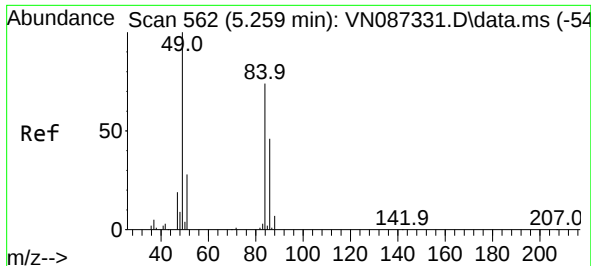
Tgt Ion: 43 Resp: 9952

Ion Ratio Lower Upper

43 100

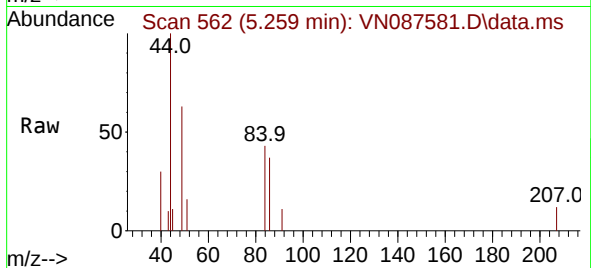
74 9.9 17.8 26.6#



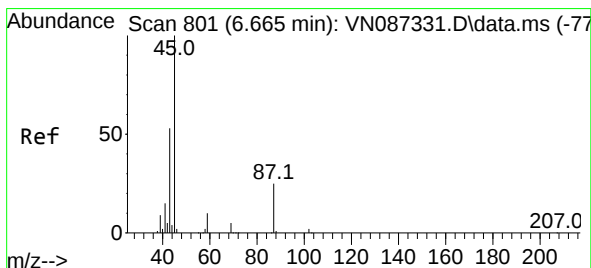
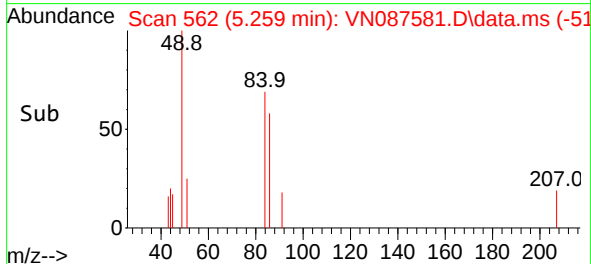
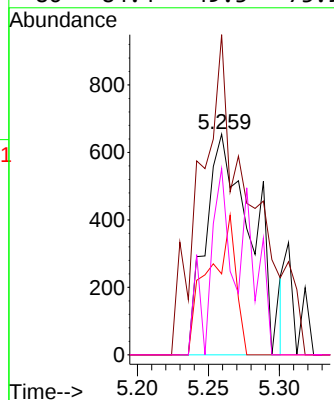


#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

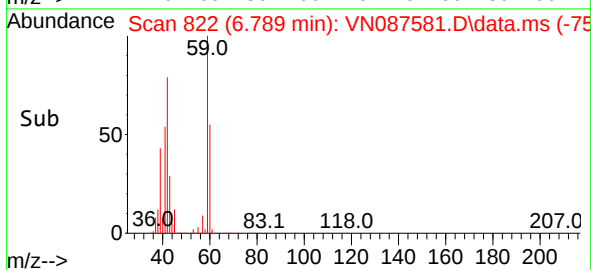
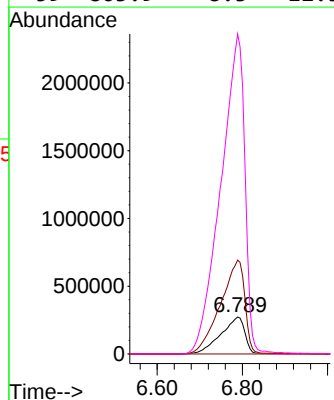
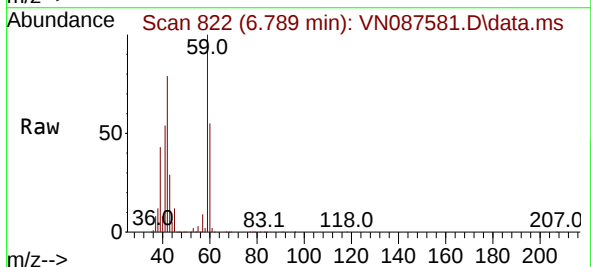


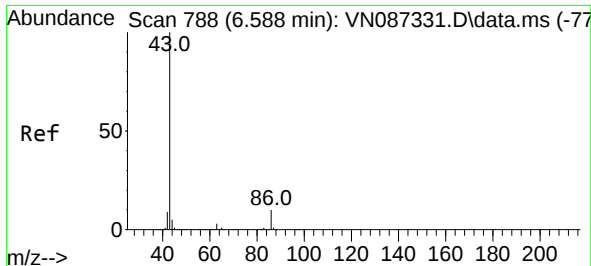
Tgt Ion:	84	Resp:	1491
Ion	Ratio	Lower	Upper
84	100		
49	110.2	107.5	161.3
51	36.7	30.2	45.2
86	84.4	49.3	73.9#



#22
Diisopropyl ether
Concen: 92.835 ug/l
RT: 6.789 min Scan# 822
Delta R.T. 0.124 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion:	45	Resp:	1067933
Ion	Ratio	Lower	Upper
45	100		
43	253.6	42.8	64.2#
87	0.0	19.8	29.6#
59	863.9	8.3	12.5#

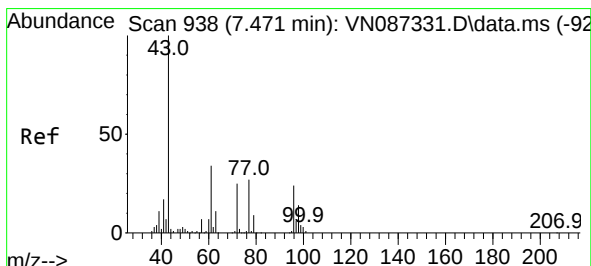
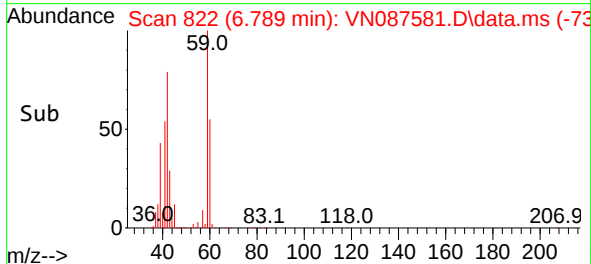
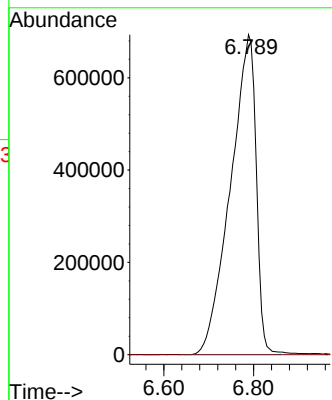
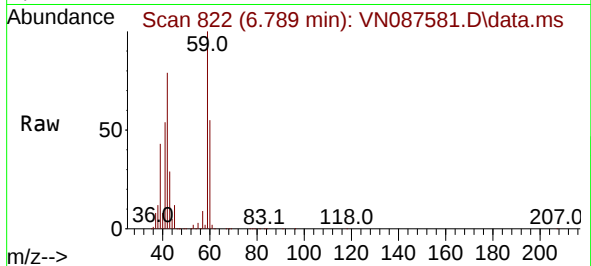




#23
 Vinyl Acetate
 Concen: 273.704 ug/l
 RT: 6.789 min Scan# 81
 Delta R.T. 0.201 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

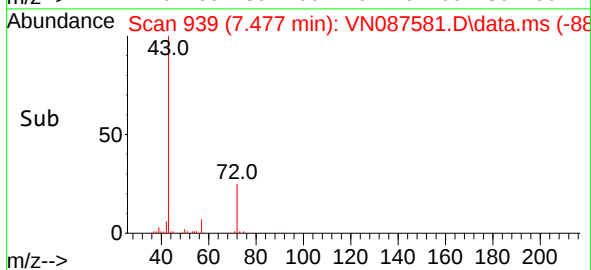
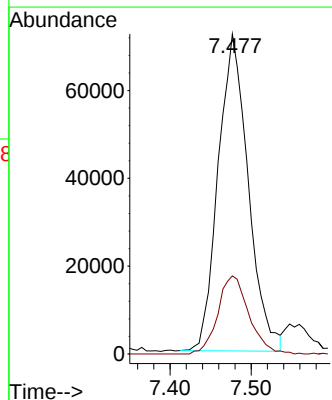
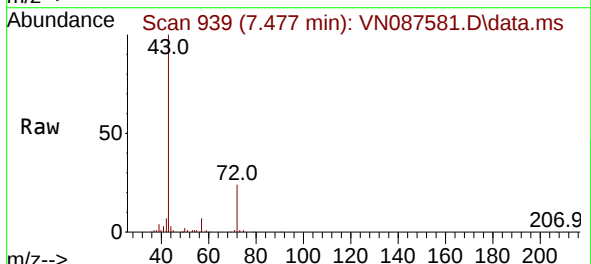
Instrument :
 MSVOA_N
 ClientSampleId :

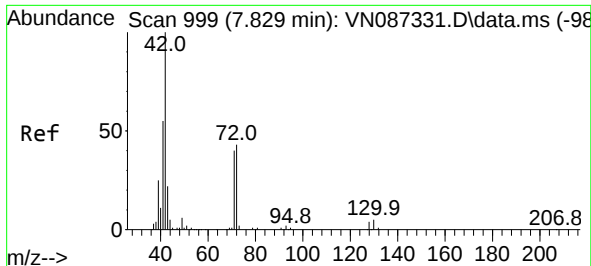
Tgt Ion: 43 Resp: 2753706
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.7 11.5#



#25
 2-Butanone
 Concen: 56.871 ug/l
 RT: 7.477 min Scan# 939
 Delta R.T. 0.006 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

Tgt Ion: 43 Resp: 185541
 Ion Ratio Lower Upper
 43 100
 72 24.7 19.6 29.4





#29

Tetrahydrofuran

Concen: 0.464 ug/l

RT: 7.806 min Scan# 99

Delta R.T. -0.023 min

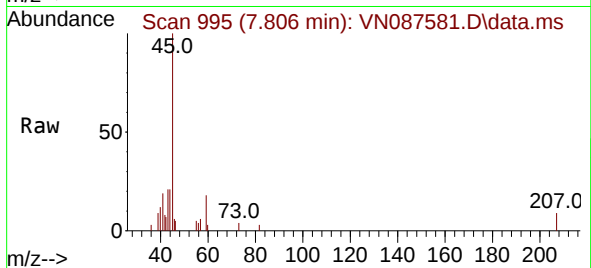
Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

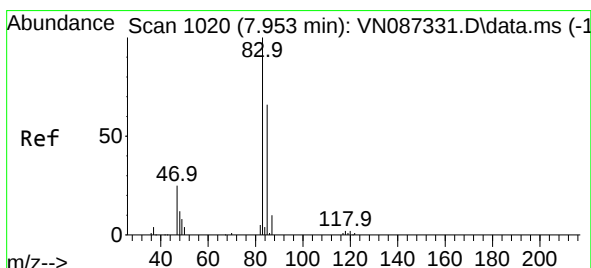
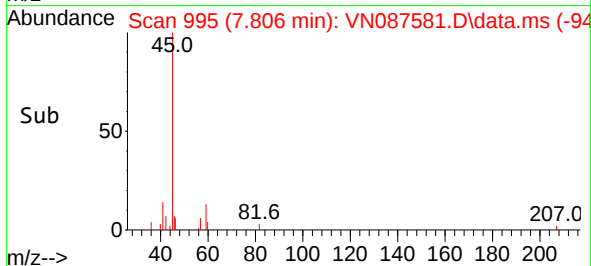
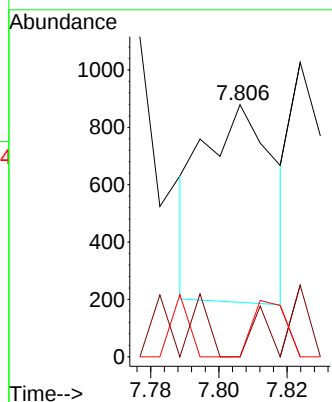
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	984
Ion Ratio	100	Lower	Upper
72	6.3	33.4	50.0#
71	13.4	31.2	46.8#



#30

Chloroform

Concen: 2.529 ug/l

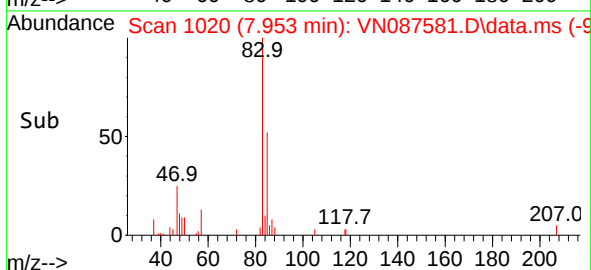
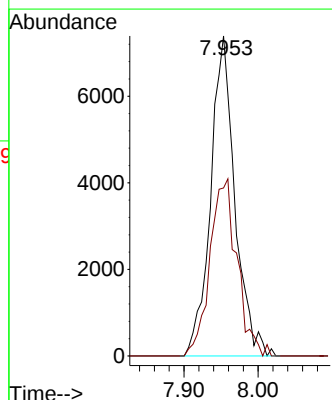
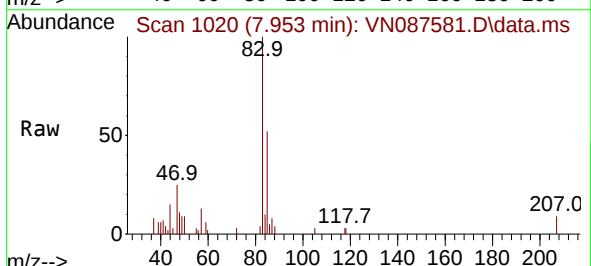
RT: 7.953 min Scan# 1020

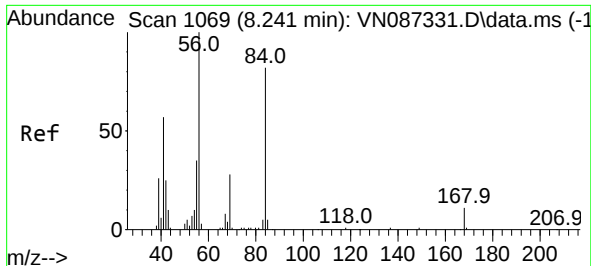
Delta R.T. 0.000 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

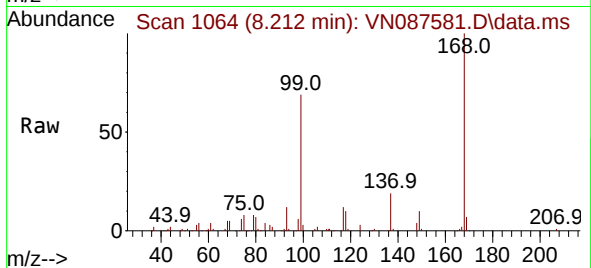
Tgt Ion:	83	Resp:	16803
Ion Ratio	100	Lower	Upper
85	52.5	52.7	79.1#



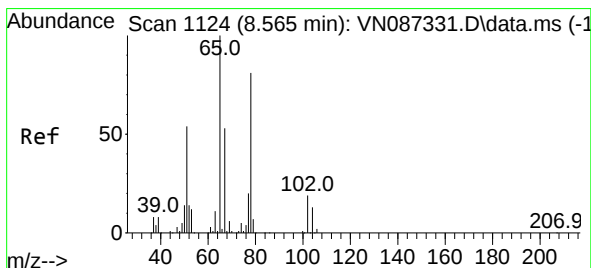
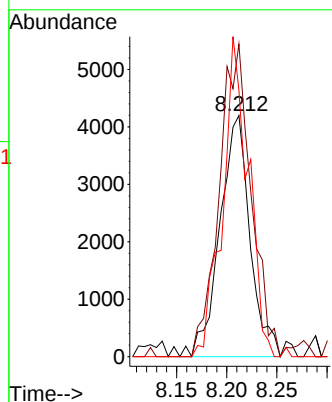
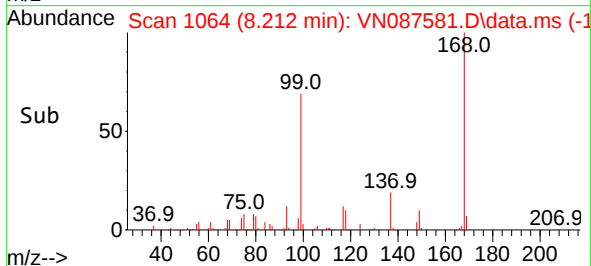


#31
Cyclohexane
Concen: 1.581 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.029 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

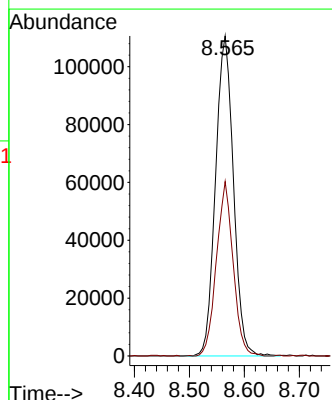
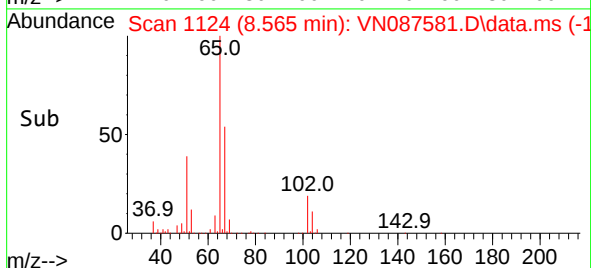
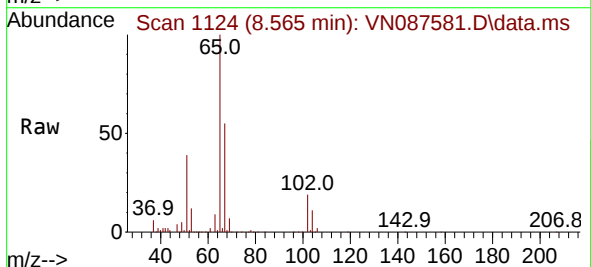


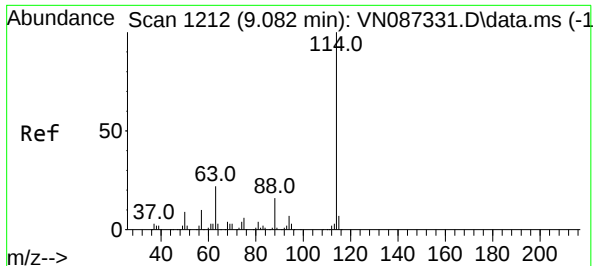
Tgt Ion: 56 Resp: 8753
Ion Ratio Lower Upper
56 100
69 129.7 22.7 34.1#
84 110.6 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 55.562 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 65 Resp: 250221
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.0

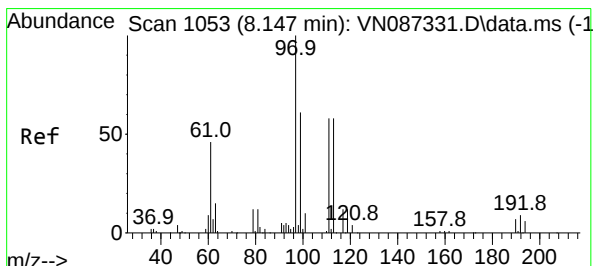
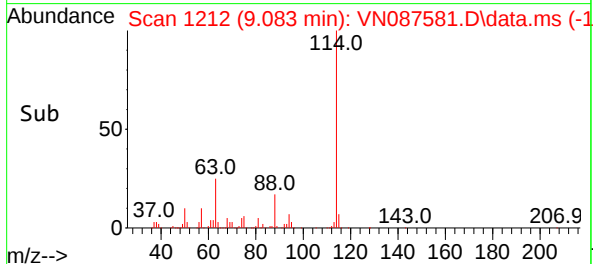
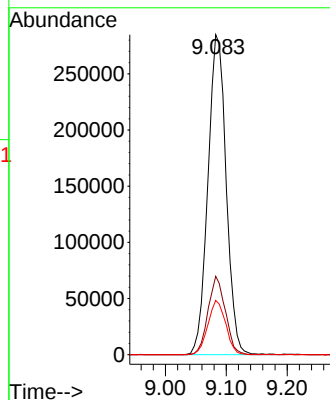
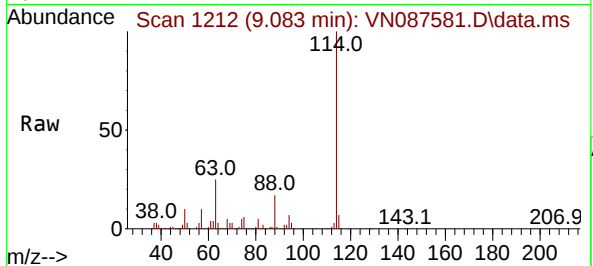




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

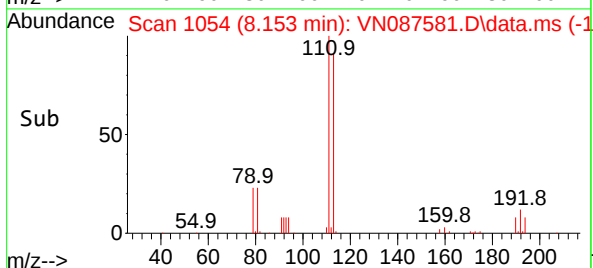
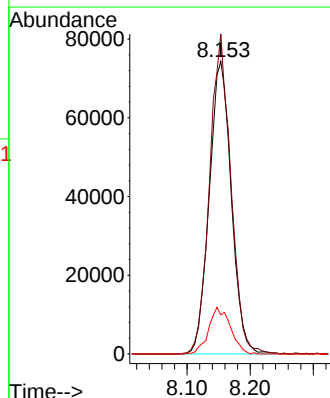
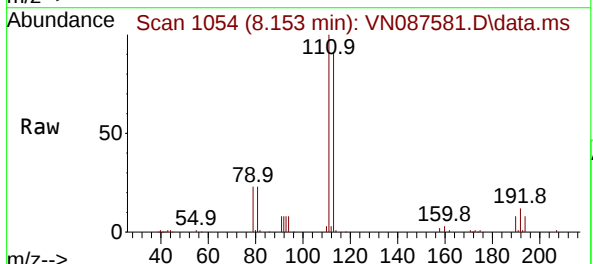
Instrument :
MSVOA_N
ClientSampleId :

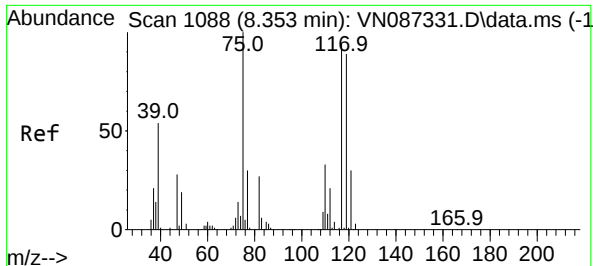
Tgt Ion:114 Resp: 592635
Ion Ratio Lower Upper
114 100
63 24.5 0.0 44.6
88 17.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 44.141 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion:113 Resp: 180450
Ion Ratio Lower Upper
113 100
111 104.9 82.5 123.7
192 15.8 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.852 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087581.D

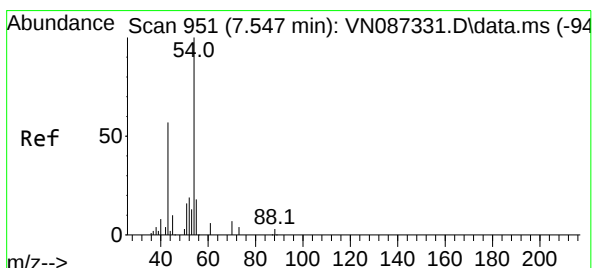
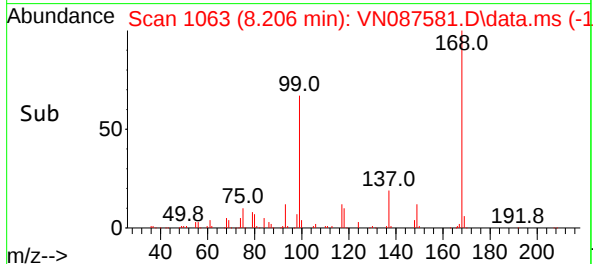
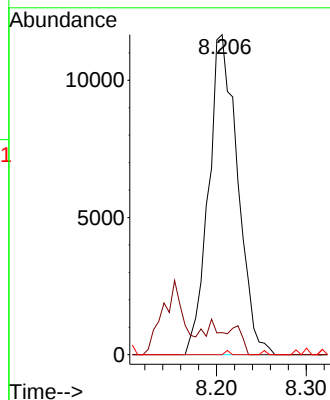
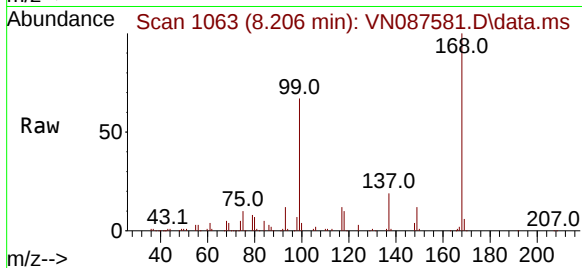
Acq: 15 Aug 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	26204
Ion	Ratio	Lower	Upper
75	100		
110	2.5	16.7	50.1#
77	0.0	25.2	37.8#



#37

Ethyl Acetate

Concen: 1.920 ug/l

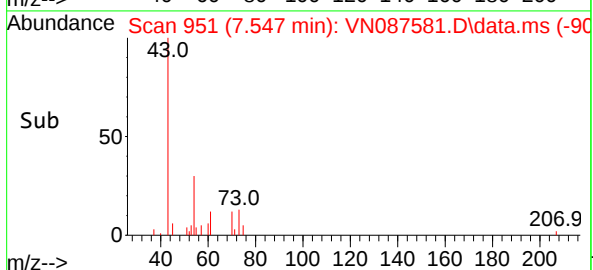
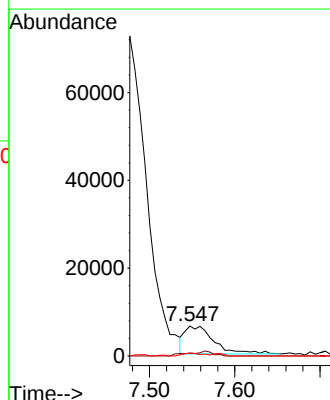
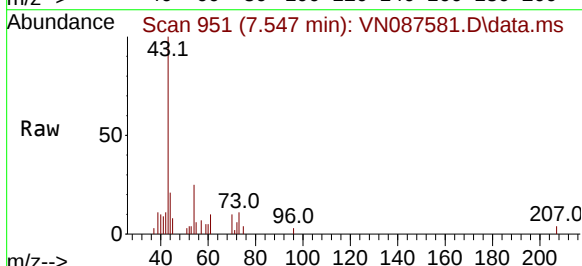
RT: 7.547 min Scan# 951

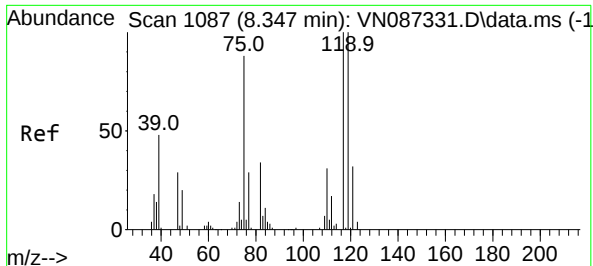
Delta R.T. 0.000 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

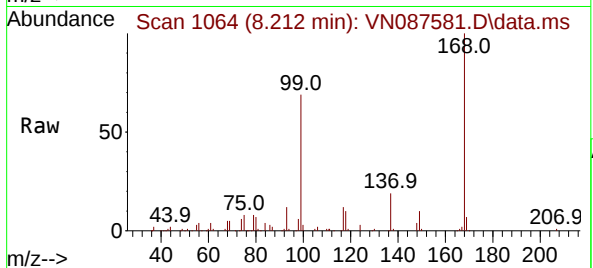
Tgt Ion:	43	Resp:	14975
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	7.0	7.4	11.0#



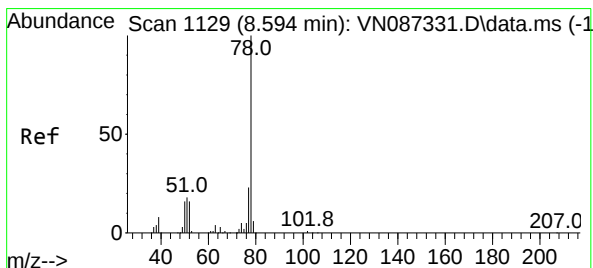
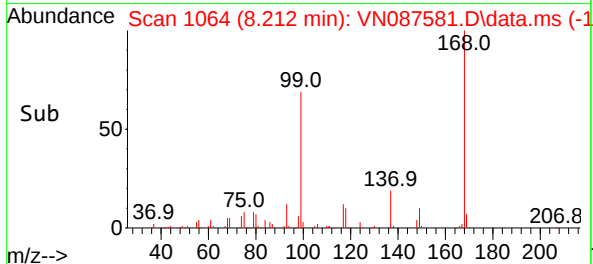
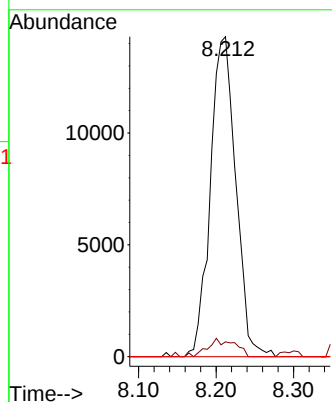


#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.135 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

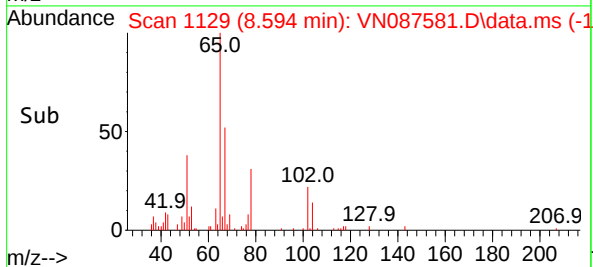
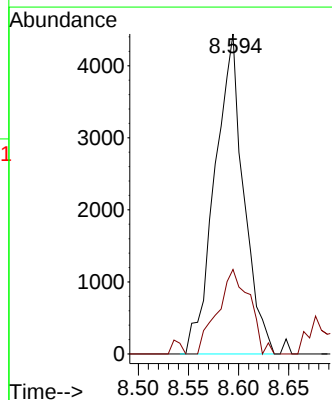
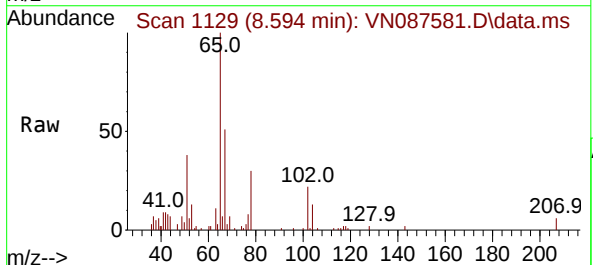


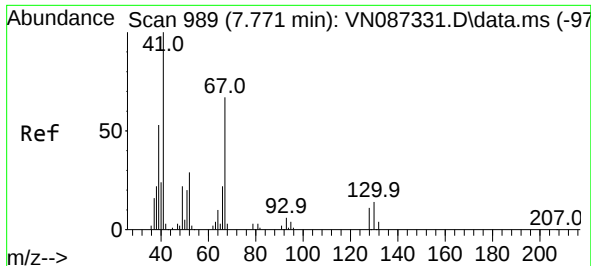
Tgt Ion:117 Resp: 32717
Ion Ratio Lower Upper
117 100
119 4.7 80.2 120.2#
121 0.0 25.4 38.2#



#40
Benzene
Concen: 0.511 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

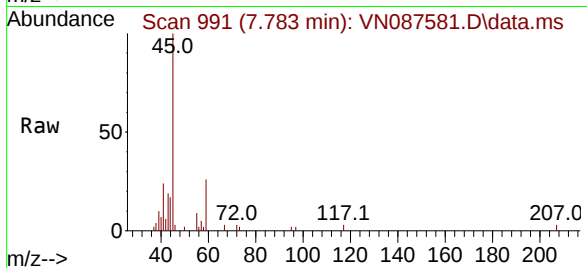
Tgt Ion: 78 Resp: 8912
Ion Ratio Lower Upper
78 100
77 26.4 18.2 27.2



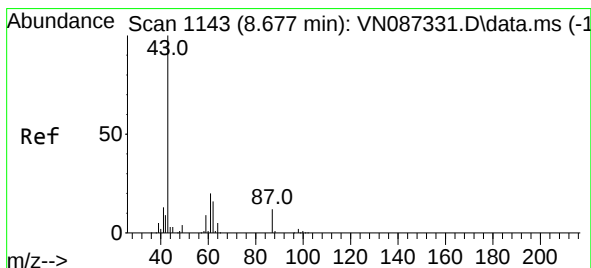
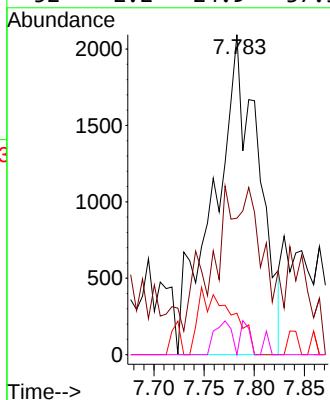
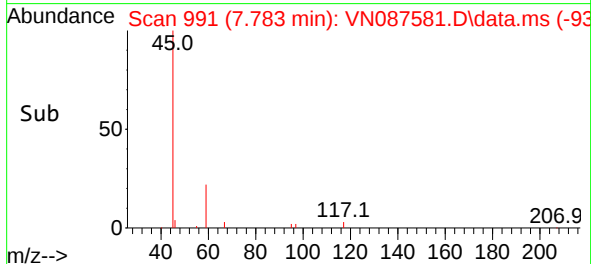


#41
Methacrylonitrile
Concen: 1.578 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

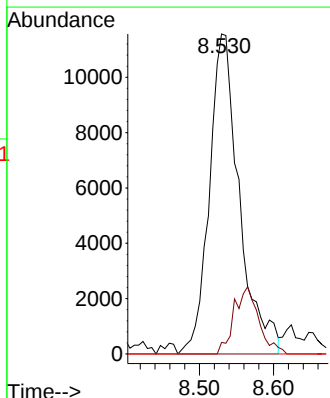
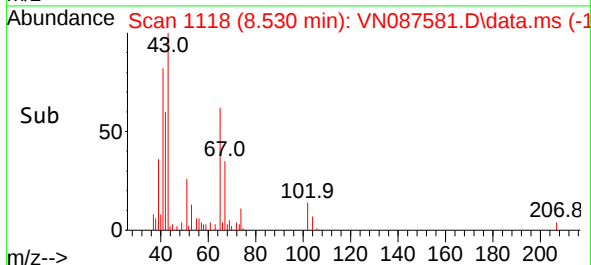
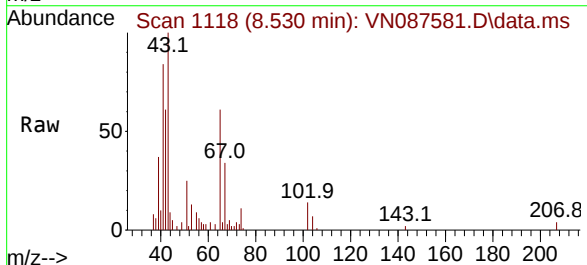


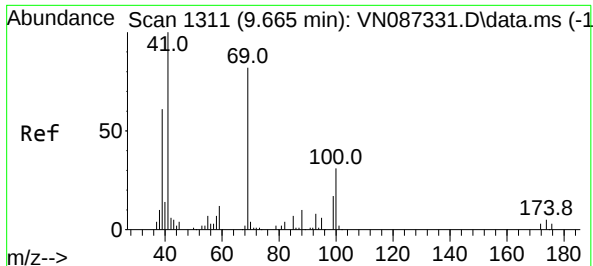
Tgt Ion:	41	Resp:	6437
Ion Ratio	Lower	Upper	
41	100		
39	0.0	43.4	65.0#
67	0.0	55.1	82.7#
52	2.2	24.9	37.3#



#43
Isopropyl Acetate
Concen: 2.689 ug/l
RT: 8.530 min Scan# 1118
Delta R.T. -0.147 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion:	43	Resp:	32565
Ion Ratio	Lower	Upper	
43	100		
61	0.0	19.8	29.8#
87	0.0	9.8	14.6#





#48

Methyl methacrylate

Concen: 0.776 ug/l

RT: 9.636 min Scan# 11

Delta R.T. -0.029 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

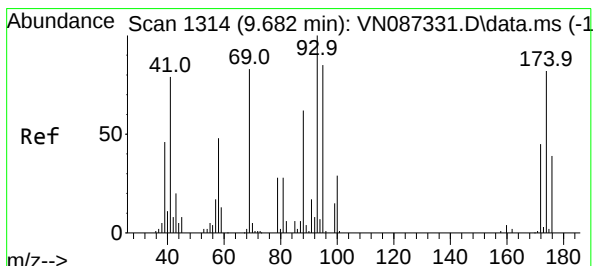
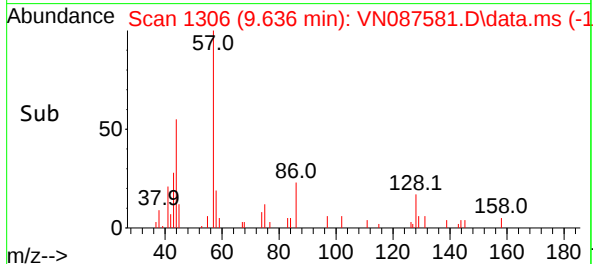
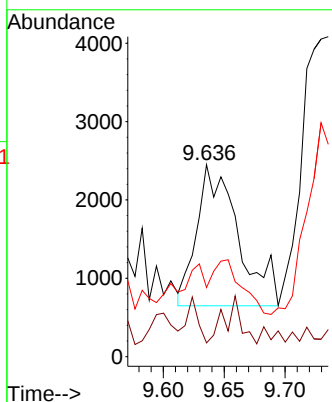
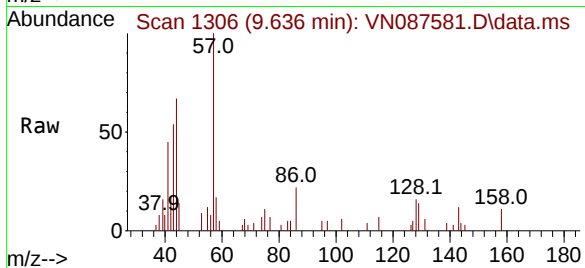
Tgt Ion: 41 Resp: 4231

Ion Ratio Lower Upper

41 100

69 10.0 64.1 96.1#

39 31.8 45.5 68.3#



#49

1,4-Dioxane

Concen: 9.594 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.012 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

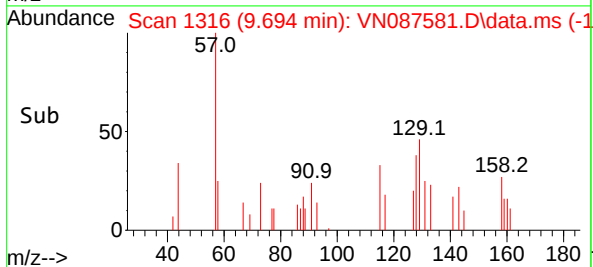
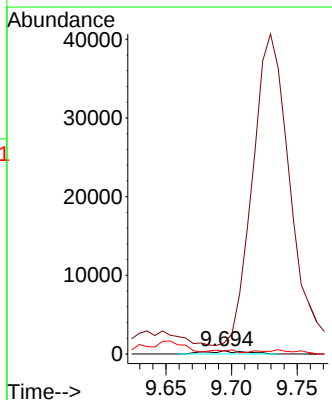
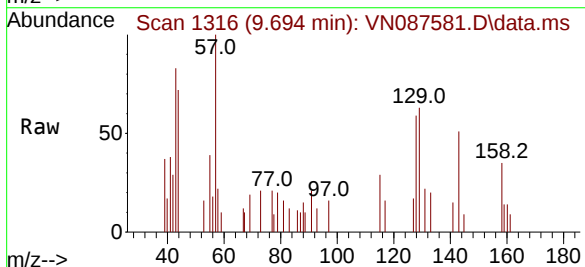
Tgt Ion: 88 Resp: 801

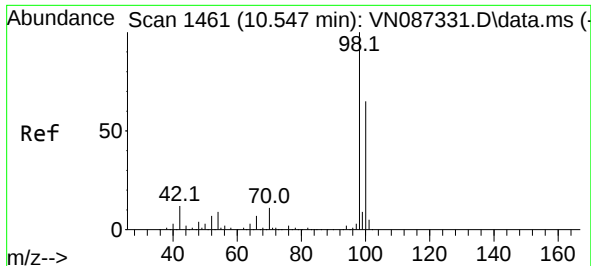
Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 93.1 61.1 91.7#

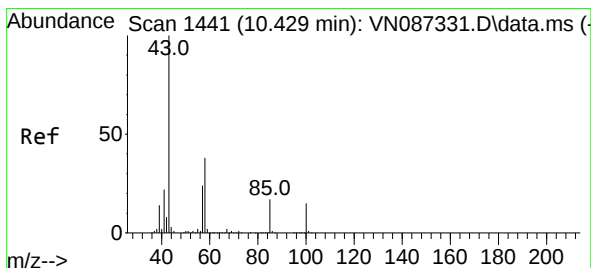
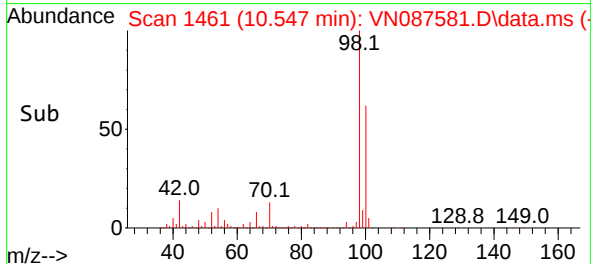
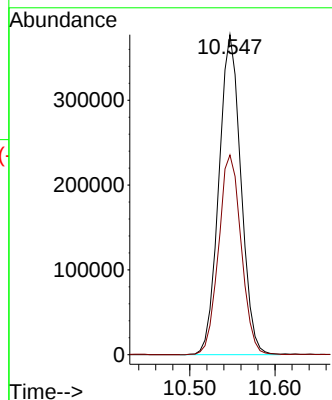
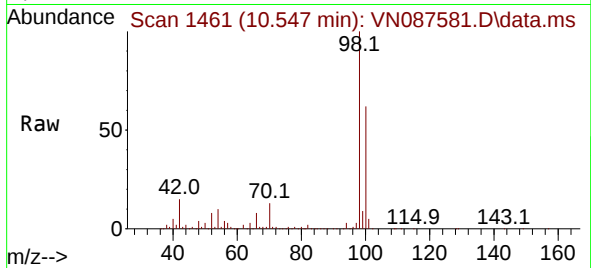




#50
Toluene-d8
Concen: 46.568 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

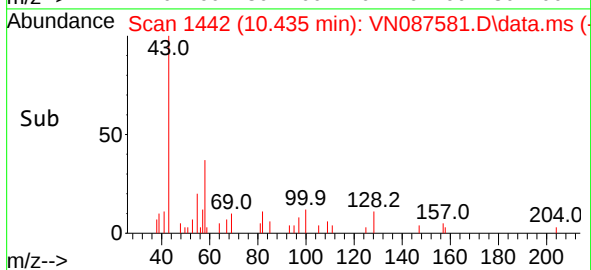
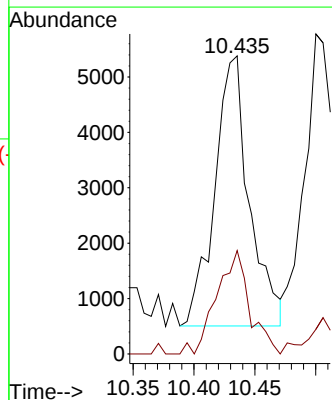
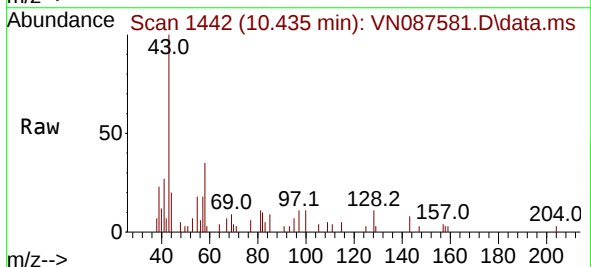
Instrument :
MSVOA_N
ClientSampleId :

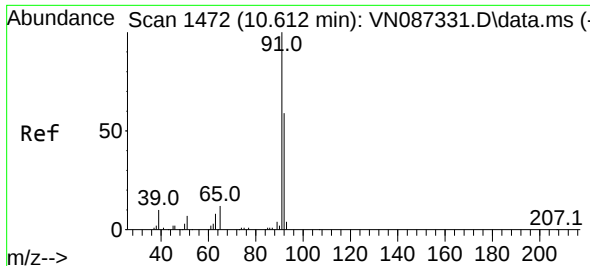
Tgt Ion: 98 Resp: 679071
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.259 ug/l
RT: 10.435 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 43 Resp: 9640
Ion Ratio Lower Upper
43 100
58 36.4 30.8 46.2

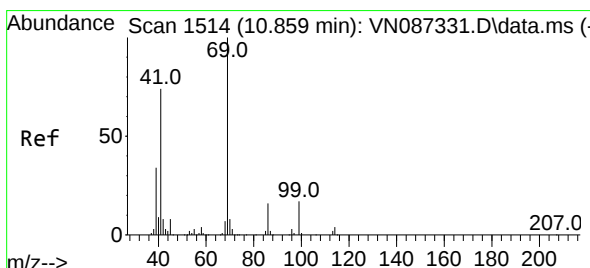
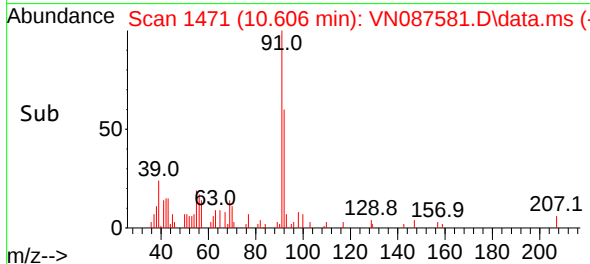
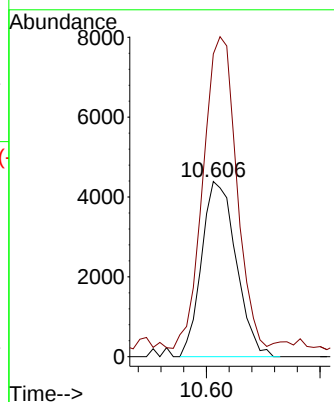
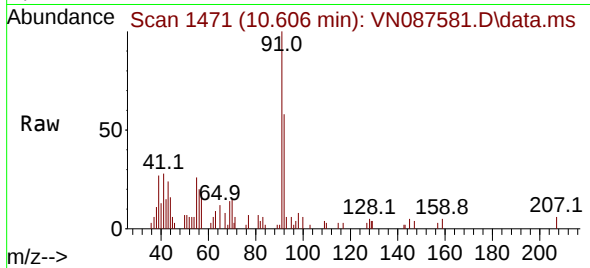




#52
Toluene
Concen: 0.871 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

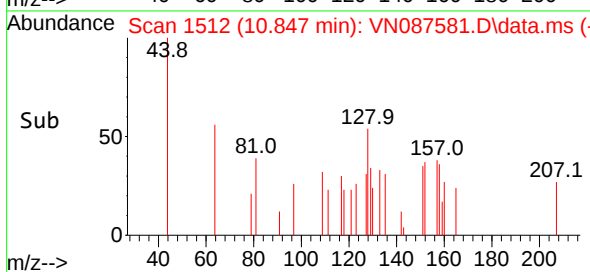
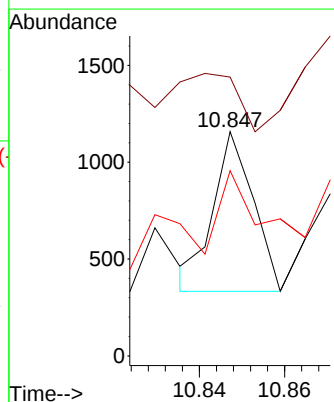
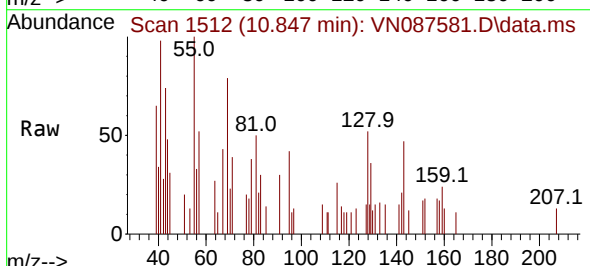
Instrument :
MSVOA_N
ClientSampleId :

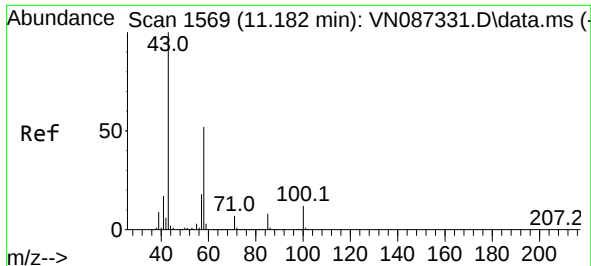
Tgt Ion: 92 Resp: 9239
Ion Ratio Lower Upper
92 100
91 173.9 135.1 202.7



#56
Ethyl methacrylate
Concen: 0.710 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.012 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 69 Resp: 533
Ion Ratio Lower Upper
69 100
41 55.7 55.1 82.7
39 117.4 27.9 41.9#

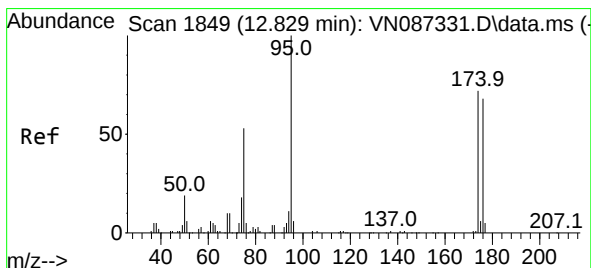
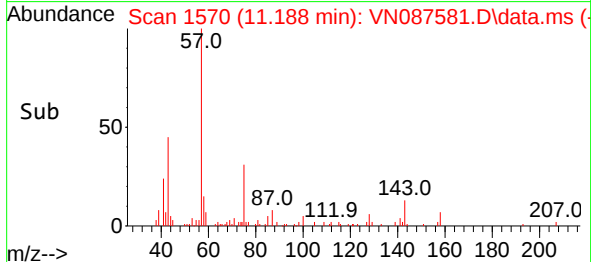
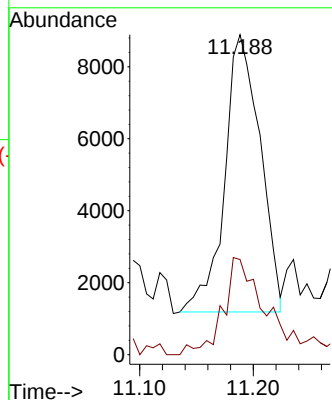
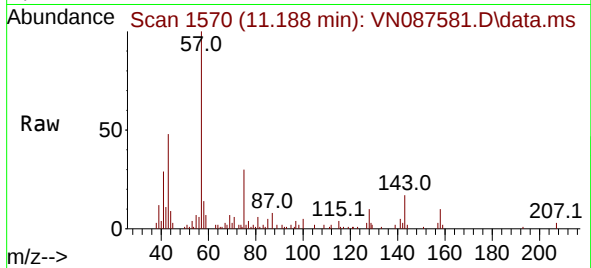




#59
2-Hexanone
Concen: 3.302 ug/l
RT: 11.188 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

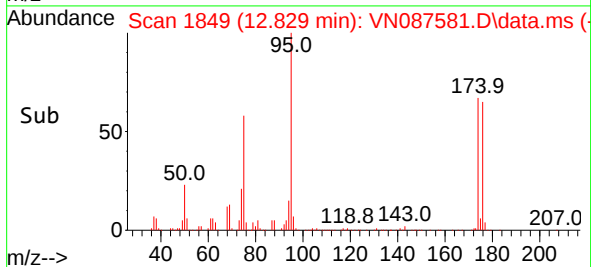
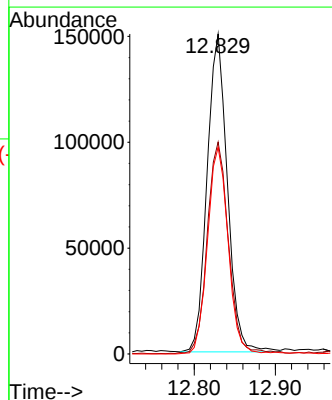
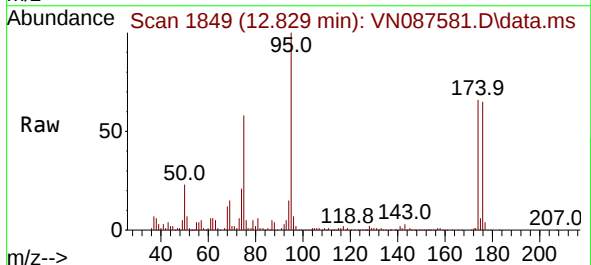
Instrument :
MSVOA_N
ClientSampleId :

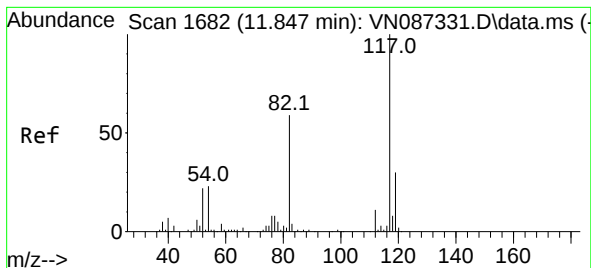
Tgt Ion: 43 Resp: 16778
Ion Ratio Lower Upper
43 100
58 41.1 26.7 80.0



#62
4-Bromofluorobenzene
Concen: 48.385 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 95 Resp: 260673
Ion Ratio Lower Upper
95 100
174 69.8 0.0 149.4
176 66.3 0.0 141.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087581.D

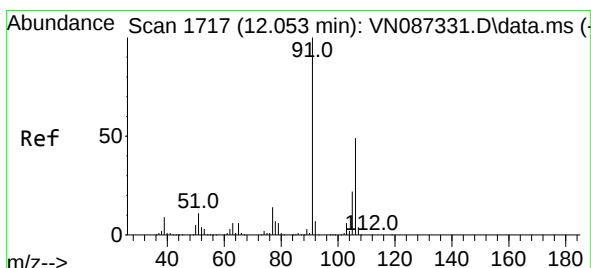
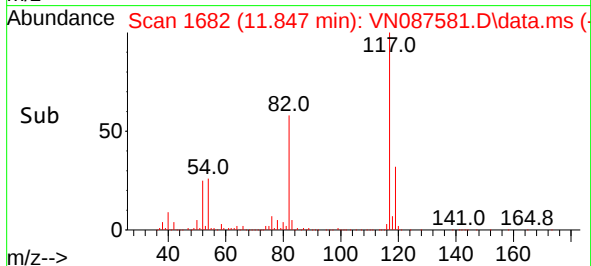
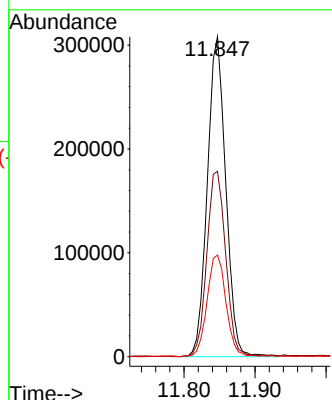
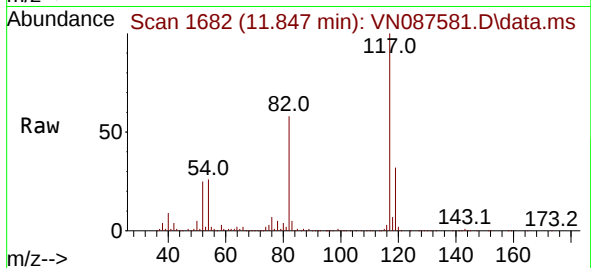
Acq: 15 Aug 2025 14:57

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	117	Resp:	556144
Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.4	71.2
119	31.8	23.8	35.8



#68

m/p-Xylenes

Concen: 0.485 ug/l

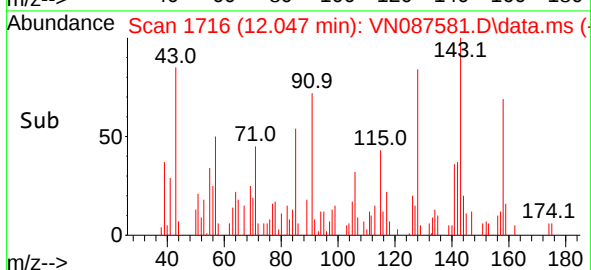
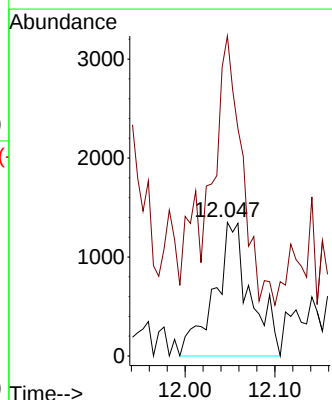
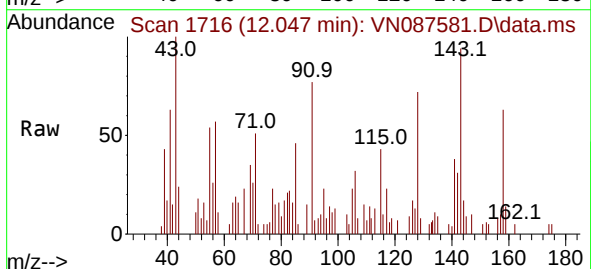
RT: 12.047 min Scan# 1716

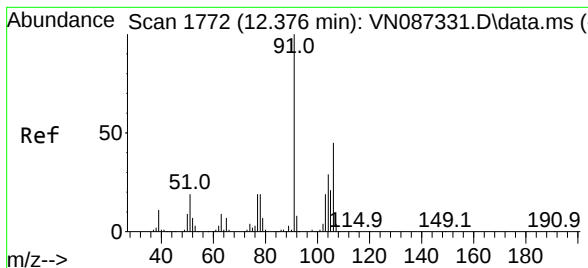
Delta R.T. -0.006 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

Tgt Ion:	106	Resp:	3735
Ion	Ratio	Lower	Upper
106	100		
91	152.7	162.0	243.0#





#69

o-Xylene

Concen: 0.277 ug/l

RT: 12.371 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

Instrument :

MSVOA_N

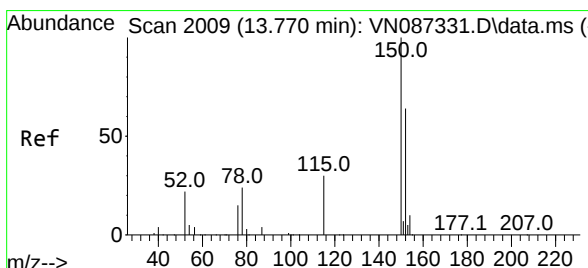
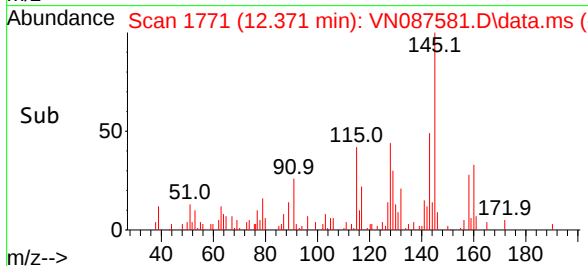
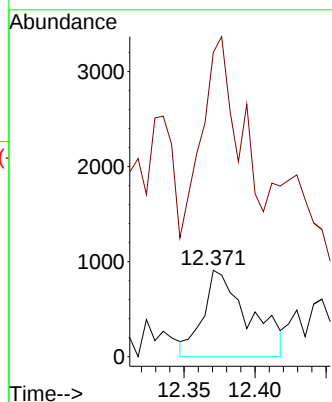
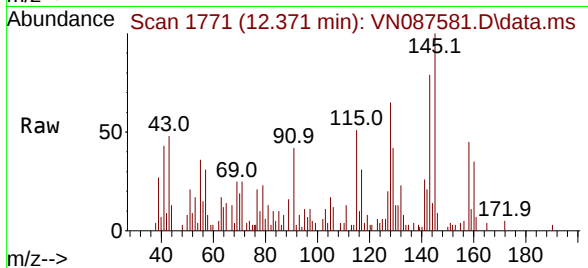
ClientSampleId :

Tgt Ion:106 Resp: 2038

Ion Ratio Lower Upper

106 100

91 188.7 107.7 323.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VN087581.D

Acq: 15 Aug 2025 14:57

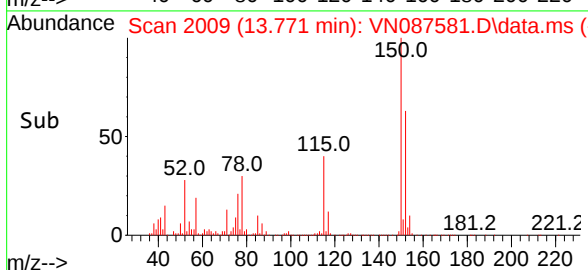
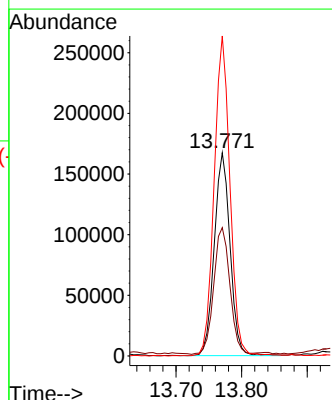
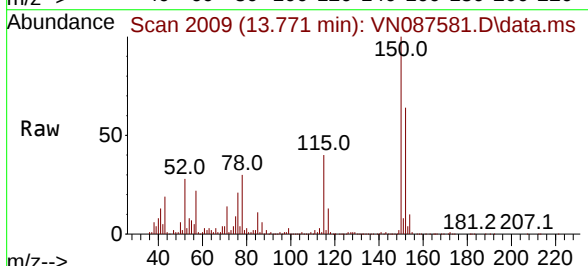
Tgt Ion:152 Resp: 279802

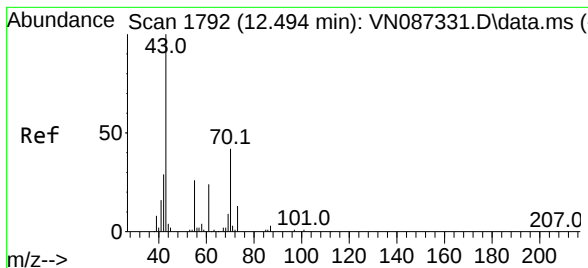
Ion Ratio Lower Upper

152 100

115 64.1 31.1 93.5

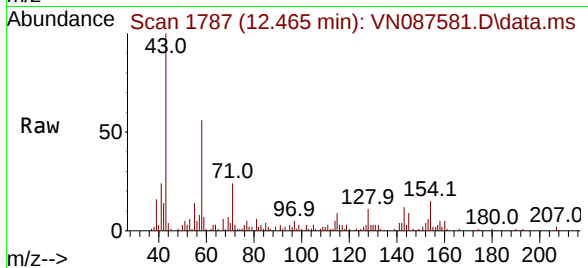
150 156.5 0.0 349.0



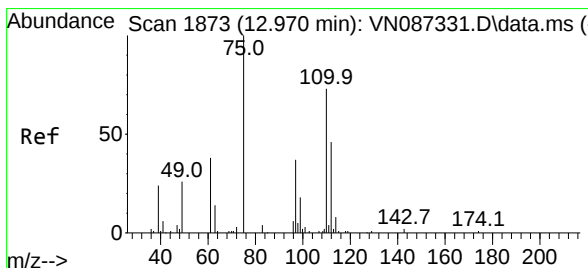
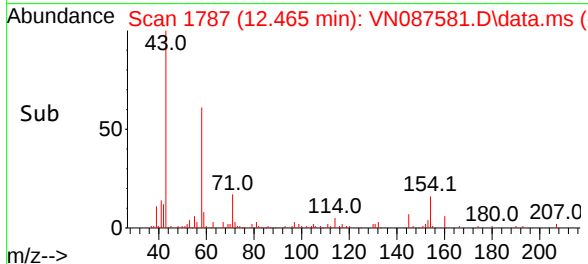
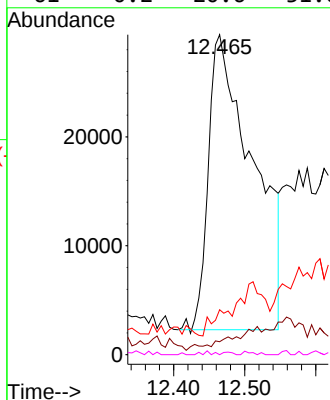


#74
N-amy1 acetate
Concen: 16.050 ug/l
RT: 12.465 min Scan# 117429
Delta R.T. -0.029 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Instrument :
MSVOA_N
ClientSampleId :

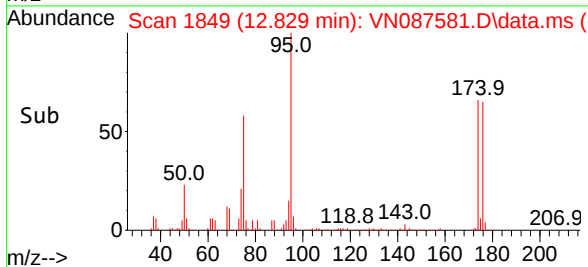
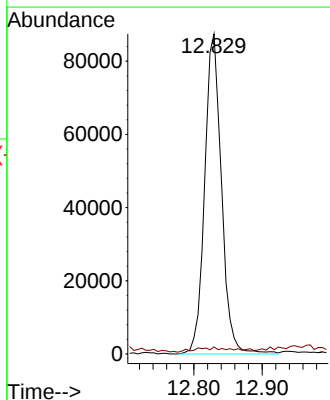
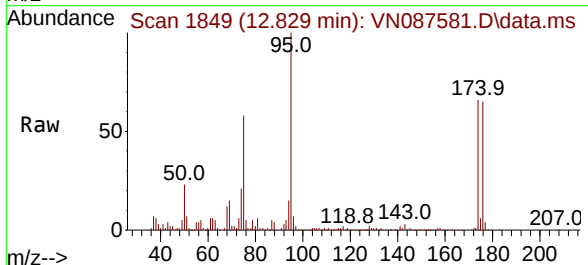


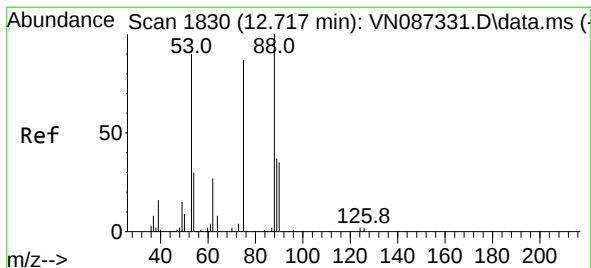
Tgt Ion: 43 Resp: 117429
Ion Ratio Lower Upper
43 100
70 1.0 37.6 56.4#
55 0.0 19.6 29.4#
61 0.2 20.6 31.0#



#76
1,2,3-Trichloropropane
Concen: 23.919 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 75 Resp: 150078
Ion Ratio Lower Upper
75 100
77 0.0 94.5 283.6#

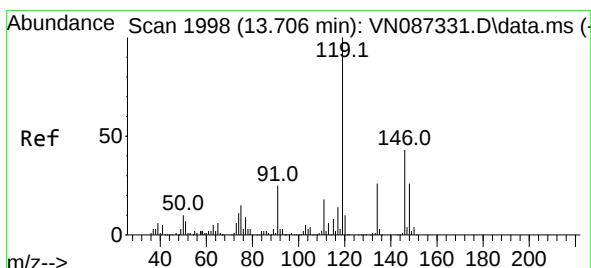
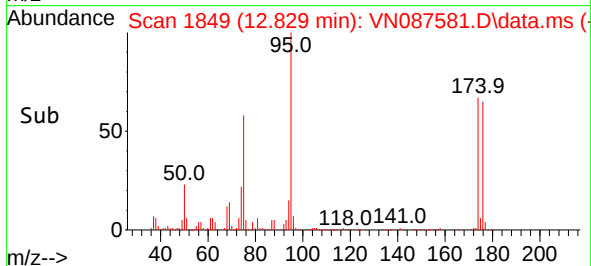
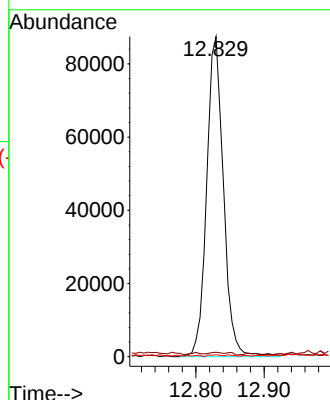
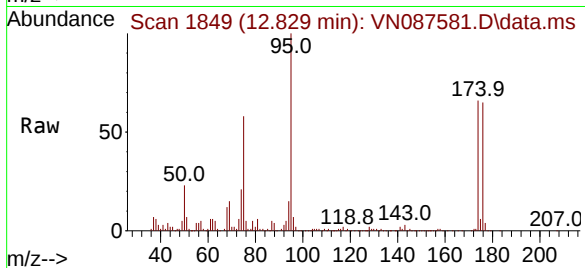




#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.447 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

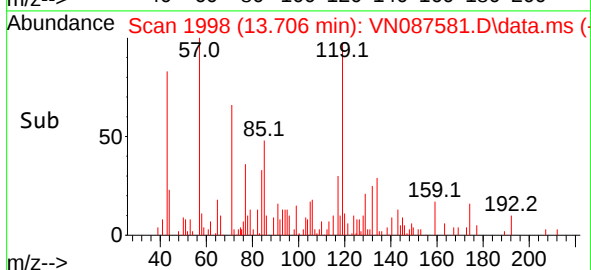
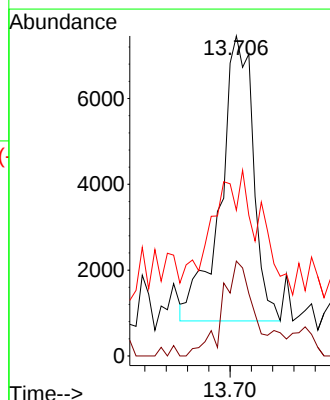
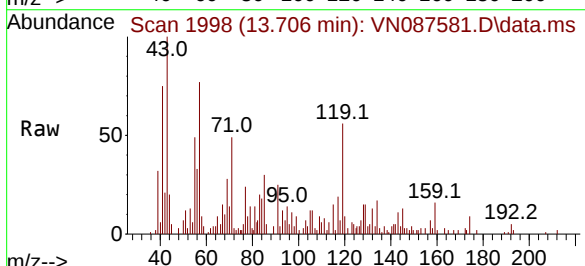
Instrument :
 MSVOA_N
 ClientSampleId :

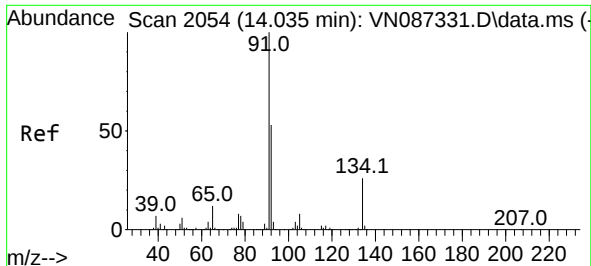
Tgt Ion: 75 Resp: 150078
 Ion Ratio Lower Upper
 75 100
 53 0.4 83.5 125.3#
 89 0.5 38.4 57.6#



#86
 p-Isopropyltoluene
 Concen: 0.935 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

Tgt Ion: 119 Resp: 14137
 Ion Ratio Lower Upper
 119 100
 134 30.8 13.5 40.5
 91 29.3 12.2 36.6

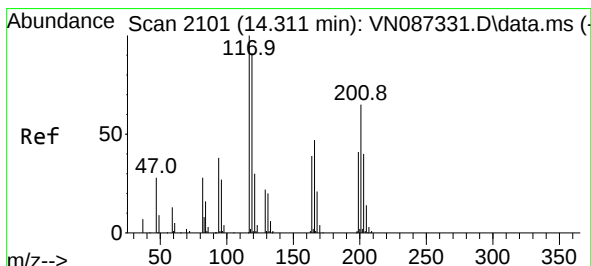
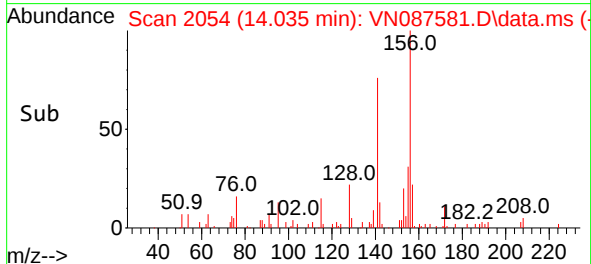
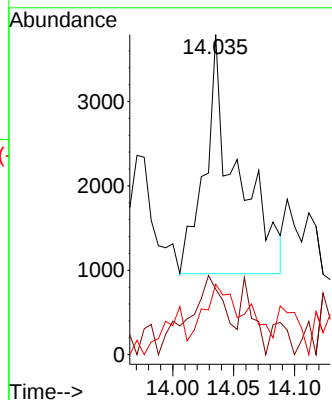
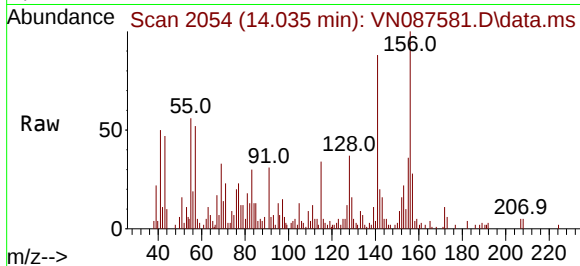




#89
n-Butylbenzene
Concen: 0.352 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

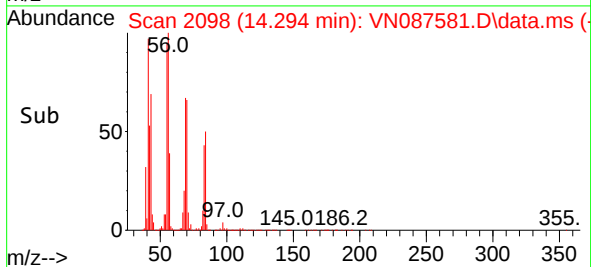
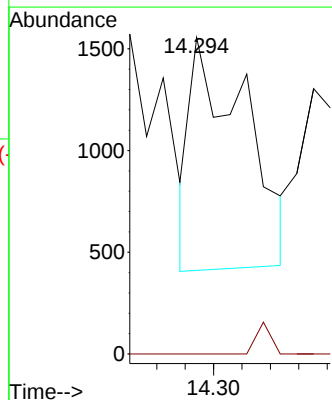
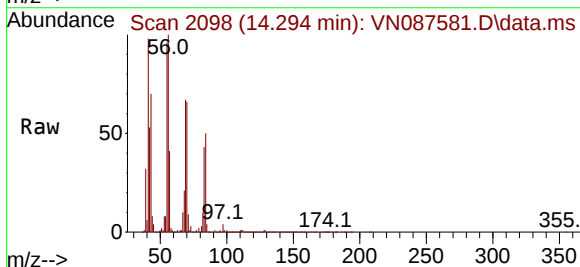
Instrument :
MSVOA_N
ClientSampleId :

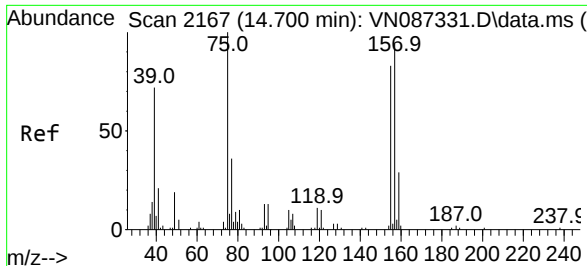
Tgt Ion: 91 Resp: 5086
Ion Ratio Lower Upper
91 100
92 38.6 26.2 78.6
134 28.9 12.4 37.2



#90
Hexachloroethane
Concen: 0.479 ug/l
RT: 14.294 min Scan# 2098
Delta R.T. -0.017 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

Tgt Ion: 117 Resp: 1534
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#

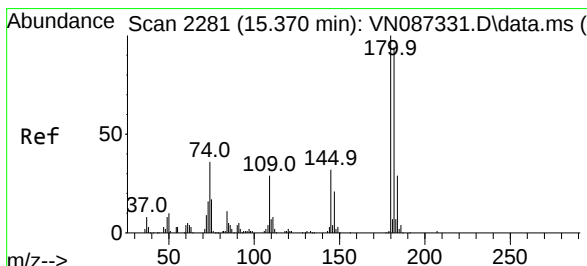
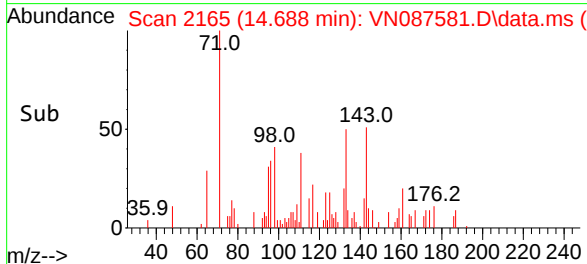
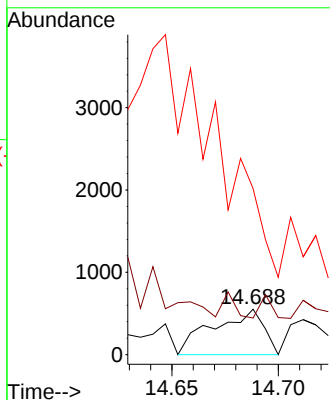
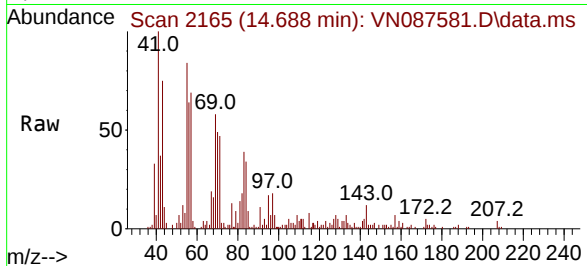




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.522 ug/l
 RT: 14.688 min Scan# 2165
 Delta R.T. -0.012 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

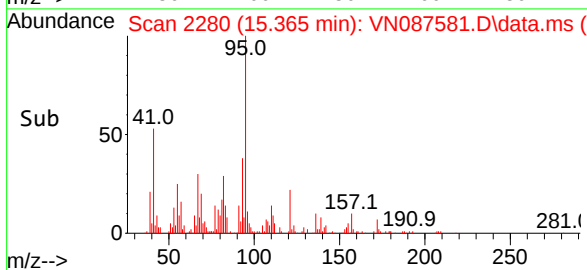
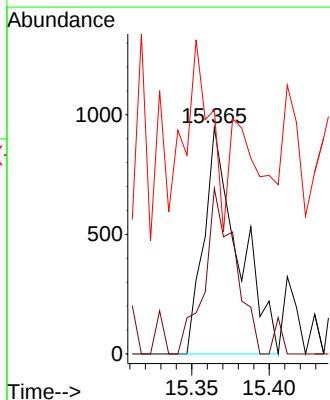
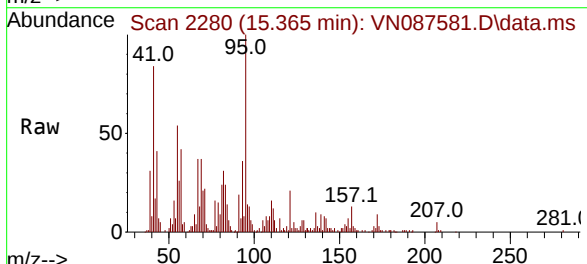
Instrument :
 MSVOA_N
 ClientSampleId :

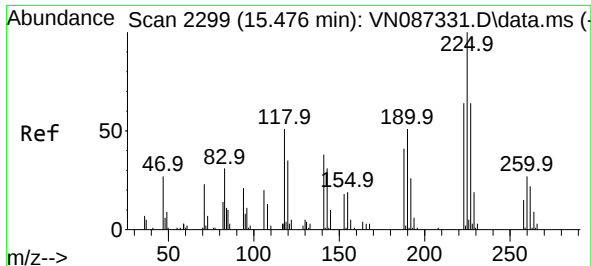
Tgt Ion: 75 Resp: 909
 Ion Ratio Lower Upper
 75 100
 155 0.0 37.3 111.8#
 157 0.0 46.2 138.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.293 ug/l
 RT: 15.365 min Scan# 2280
 Delta R.T. -0.006 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

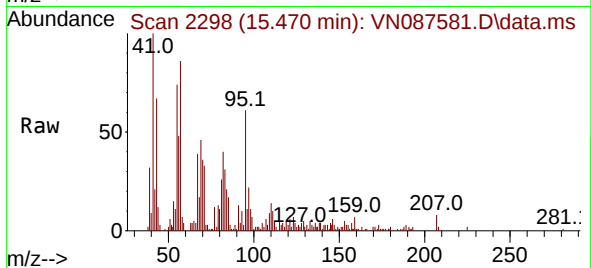
Tgt Ion:180 Resp: 1462
 Ion Ratio Lower Upper
 180 100
 182 65.0 47.3 141.8
 145 34.9 15.4 46.4



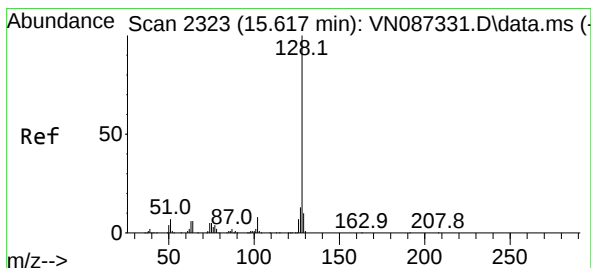
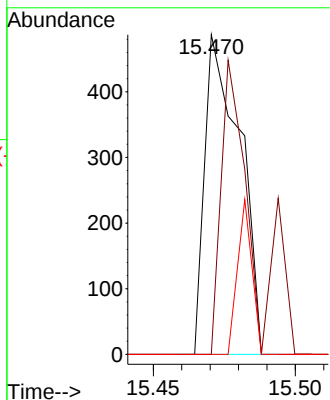
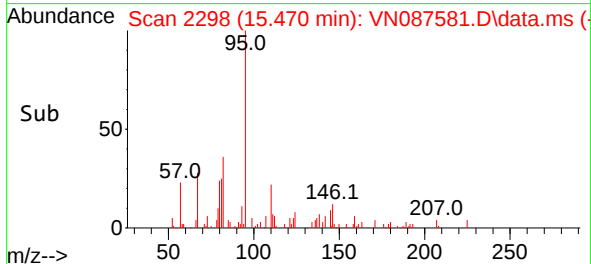


#94
Hexachlorobutadiene
Concen: 0.226 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57

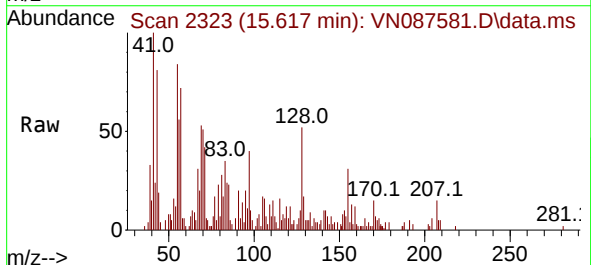
Instrument :
MSVOA_N
ClientSampleId :



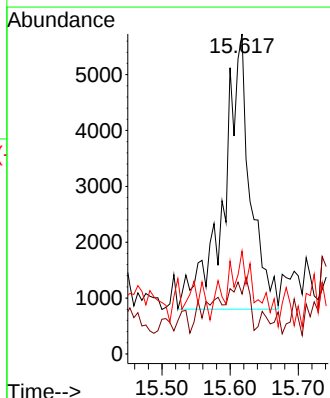
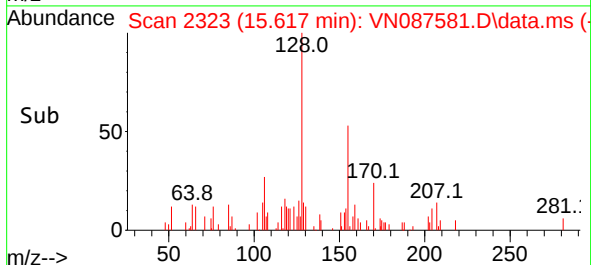
Tgt Ion:225 Resp: 418
Ion Ratio Lower Upper
225 100
223 81.8 32.1 96.3
227 19.9 31.3 93.9#

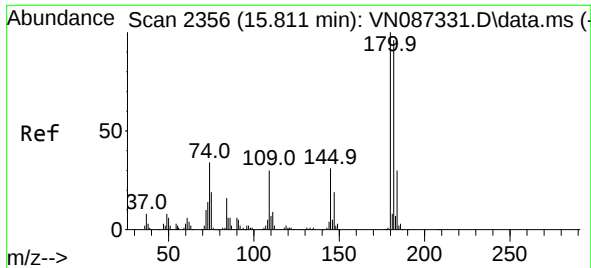


#95
Naphthalene
Concen: 0.755 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN087581.D
Acq: 15 Aug 2025 14:57



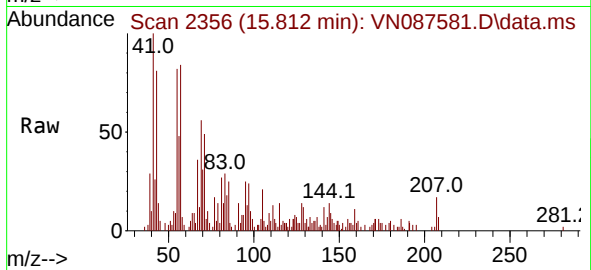
Tgt Ion:128 Resp: 13340
Ion Ratio Lower Upper
128 100
127 10.8 10.5 15.7
129 23.1 8.4 12.6#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.206 ug/l
 RT: 15.812 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087581.D
 Acq: 15 Aug 2025 14:57

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1032
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.4#
 145 0.0 16.9 50.6#

