

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086018.D
 Acq On : 19 Mar 2025 18:51
 Operator : JC\MD
 Sample : Q1597-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3-CONCRETE-SLAB

Quant Time: Mar 20 01:36:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

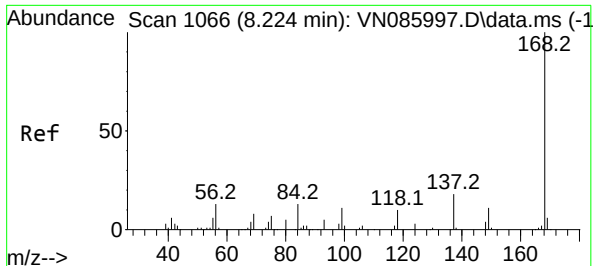
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	144806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111480	56.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.440%
35) Dibromofluoromethane	8.159	113	92212	51.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.700%
50) Toluene-d8	10.565	98	314706	48.284	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.560%
62) 4-Bromofluorobenzene	12.847	95	108879	46.840	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.680%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	2815	10.027	ug/l #	73
16) Acetone	4.424	43	17053	28.150	ug/l	93
20) Methylene Chloride	5.271	84	3510	1.981	ug/l	91
25) 2-Butanone	7.488	43	16139	18.463	ug/l	90
31) Cyclohexane	8.218	56	2905	1.176	ug/l #	28
36) 1,1-Dichloropropene	8.218	75	11375	4.810	ug/l #	49
37) Ethyl Acetate	7.488	43	16139	8.090	ug/l #	64
38) Carbon Tetrachloride	8.224	117	15291	4.918	ug/l #	18
43) Isopropyl Acetate	8.659	43	2090	0.483	ug/l #	50
48) Methyl methacrylate	9.653	41	2265	1.588	ug/l #	31
51) 4-Methyl-2-Pentanone	10.447	43	2403	1.260	ug/l #	84
54) cis-1,3-Dichloropropene	10.359	75	731	0.257	ug/l #	69
56) Ethyl methacrylate	10.982	69	624	0.472	ug/l #	1
59) 2-Hexanone	11.165	43	52682	37.930	ug/l #	18
71) Bromoform	12.847	173	543	0.315	ug/l #	1
74) N-amyl acetate	12.453	43	2270	1.008	ug/l #	40
76) 1,2,3-Trichloropropane	12.847	75	56706	25.701	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56706	67.948	ug/l #	16

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

Quant Time: Mar 20 01:36:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

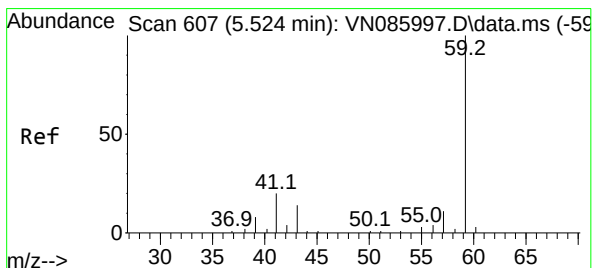
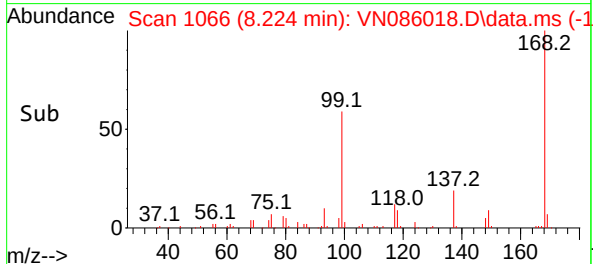
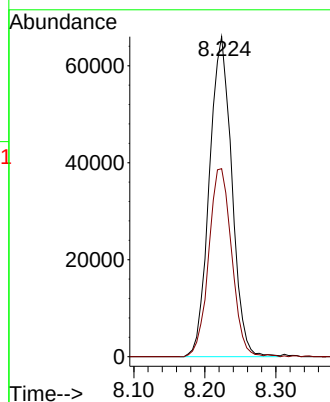
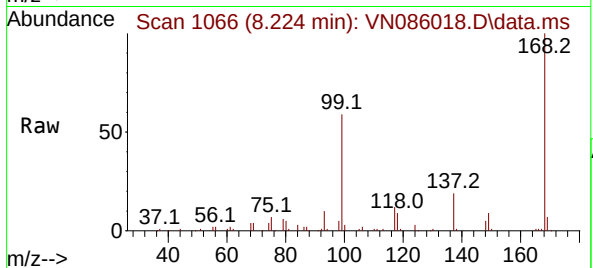




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

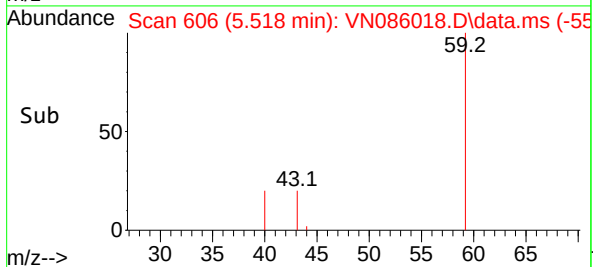
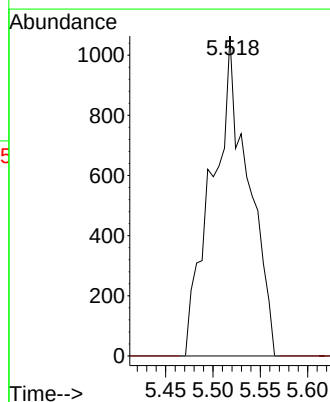
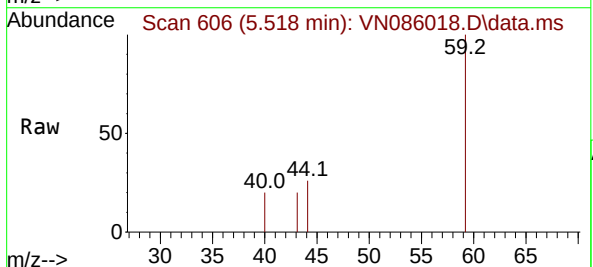
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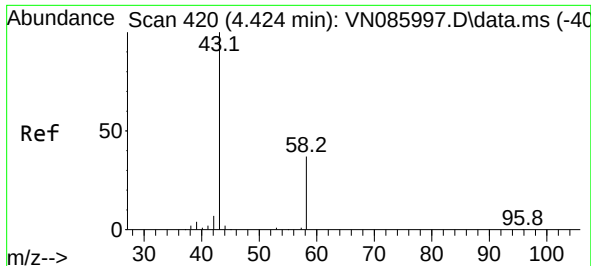
Tgt Ion:168 Resp: 144806
Ion Ratio Lower Upper
168 100
99 58.7 49.4 74.2



#11
Tert butyl alcohol
Concen: 10.027 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 59 Resp: 2815
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

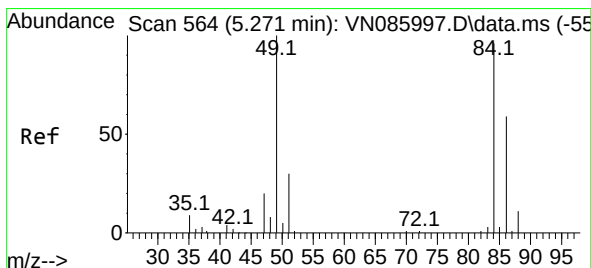
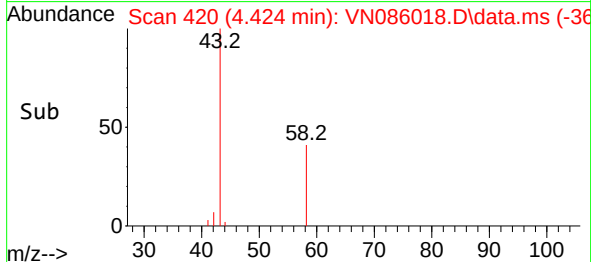
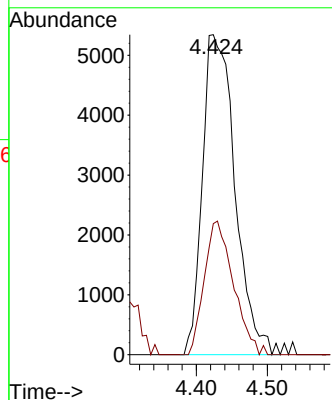
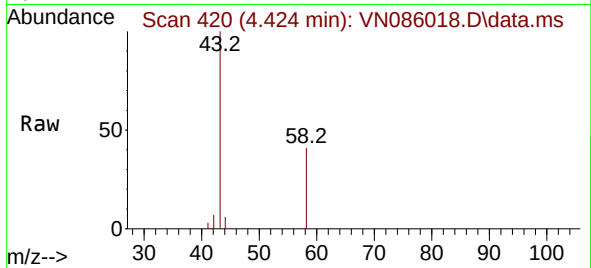




#16
Acetone
Concen: 28.150 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

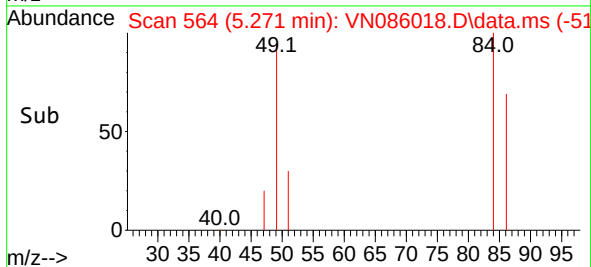
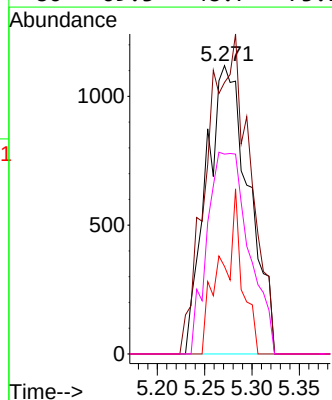
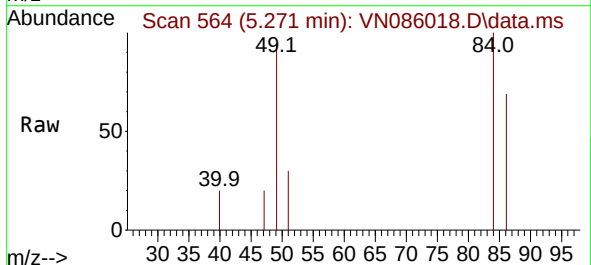
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MSVOA_N
ClientSampleId :
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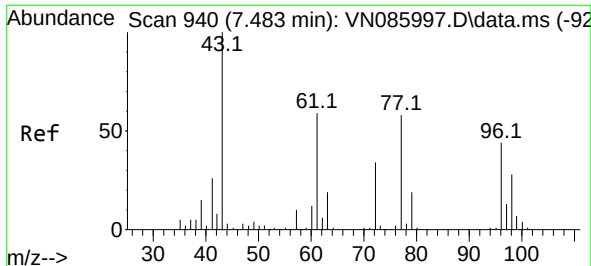
Tgt Ion: 43 Resp: 17053
Ion Ratio Lower Upper
43 100
58 41.0 29.4 44.2



#20
Methylene Chloride
Concen: 1.981 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 84 Resp: 3510
Ion Ratio Lower Upper
84 100
49 94.2 83.3 124.9
51 30.4 24.8 37.2
86 69.3 48.7 73.1

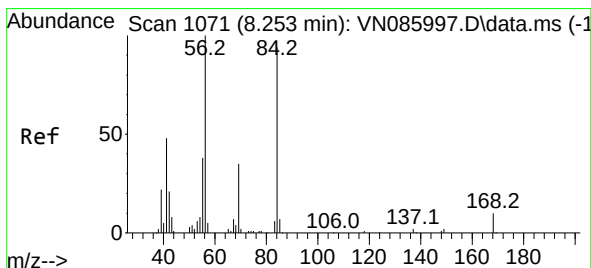
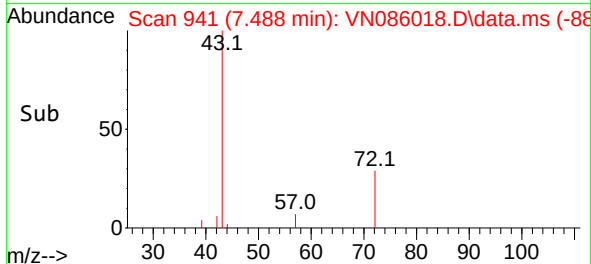
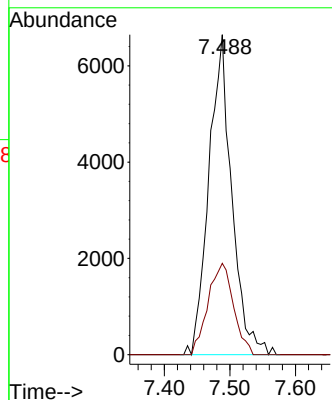
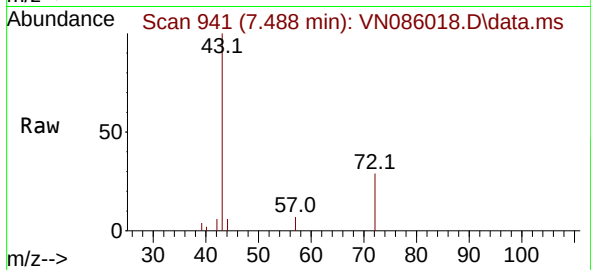




#25
2-Butanone
Concen: 18.463 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

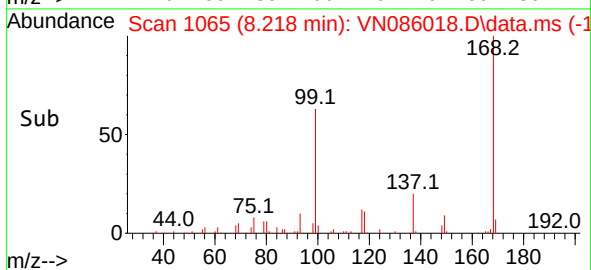
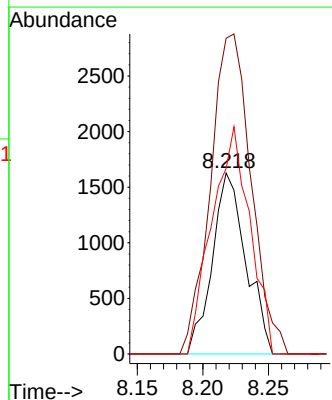
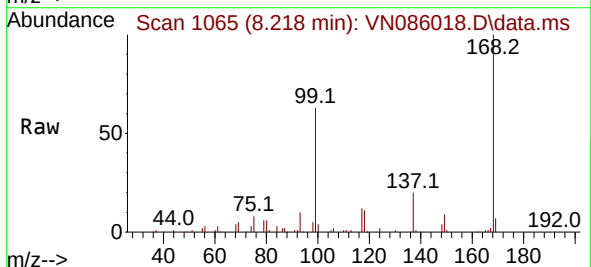
Instrument :
MSVOA_N
ClientSampleId :
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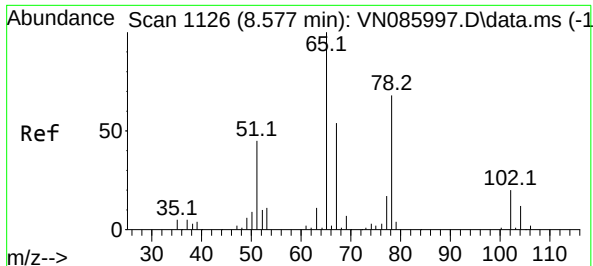
Tgt Ion: 43 Resp: 16139
Ion Ratio Lower Upper
43 100
72 28.6 27.4 41.0



#31
Cyclohexane
Concen: 1.176 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.036 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 56 Resp: 2905
Ion Ratio Lower Upper
56 100
69 174.4 28.0 42.0#
84 102.5 75.0 112.6





#33

1,2-Dichloroethane-d4

Concen: 56.221 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086018.D

Acq: 19 Mar 2025 18:51

Instrument :

MSVOA_N

ClientSampleId :

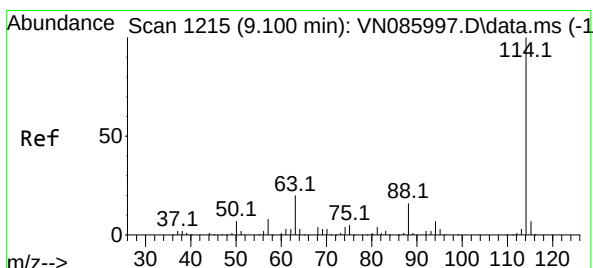
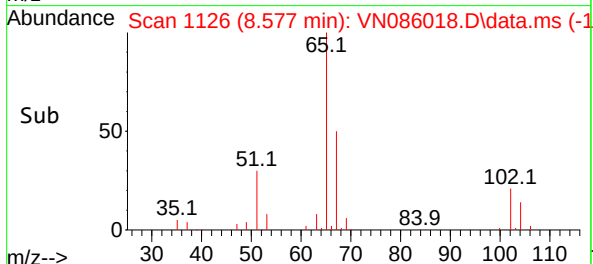
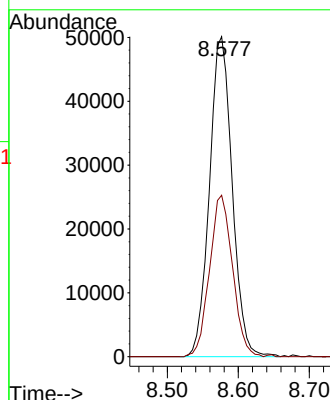
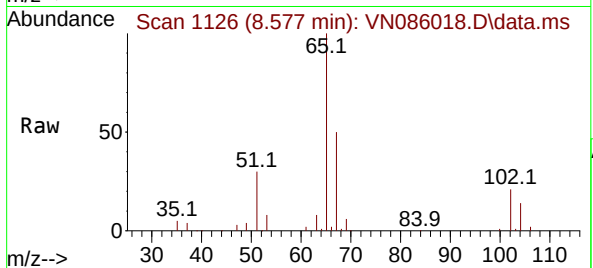
3-CONCRETE-SLAB

Tgt Ion: 65 Resp: 111480

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086018.D

Acq: 19 Mar 2025 18:51

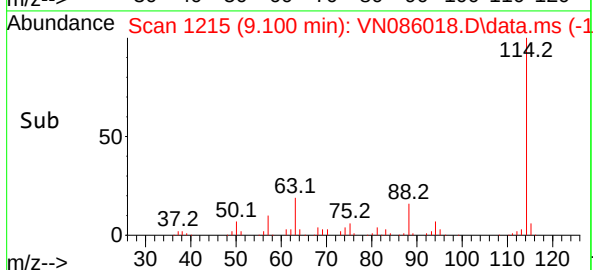
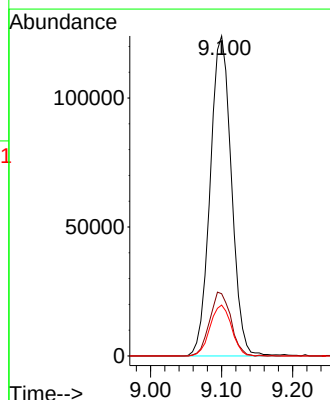
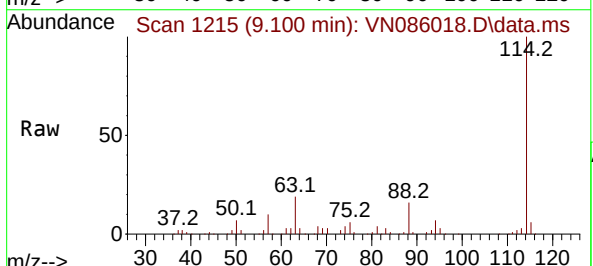
Tgt Ion: 114 Resp: 257297

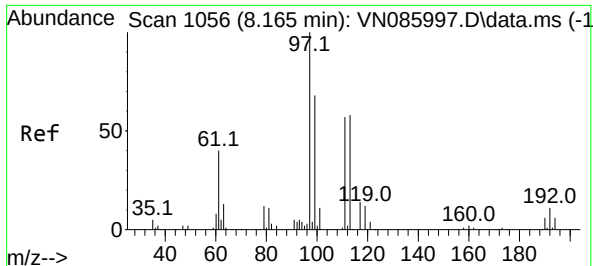
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.9 0.0 32.6

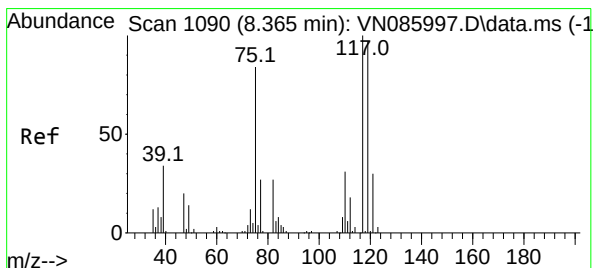
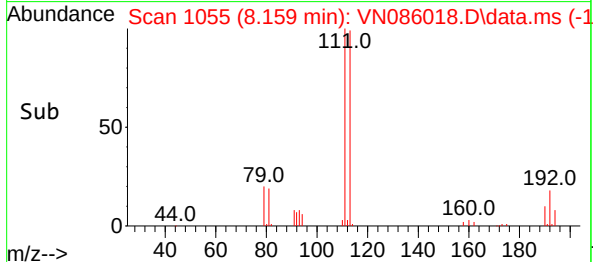
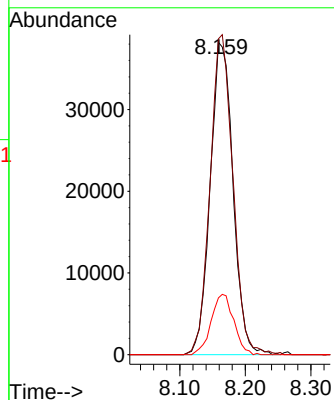
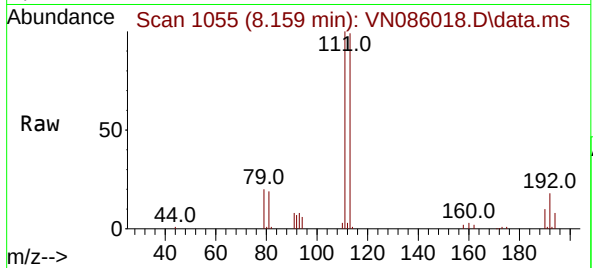




#35
Dibromofluoromethane
Concen: 51.346 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

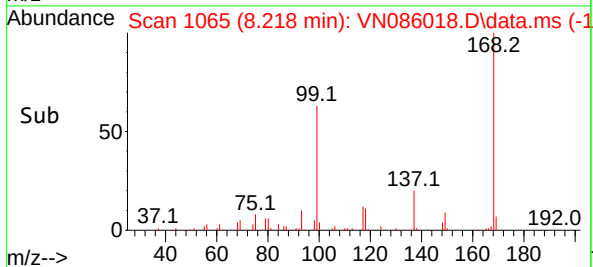
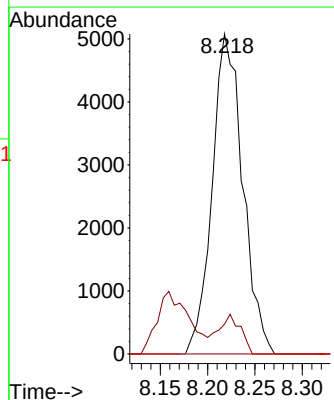
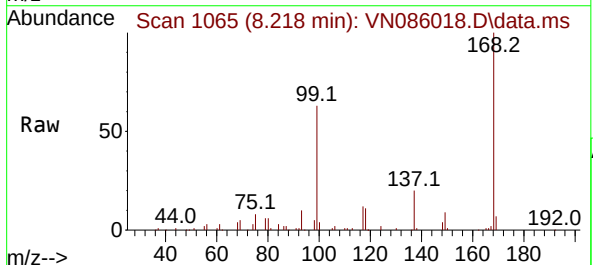
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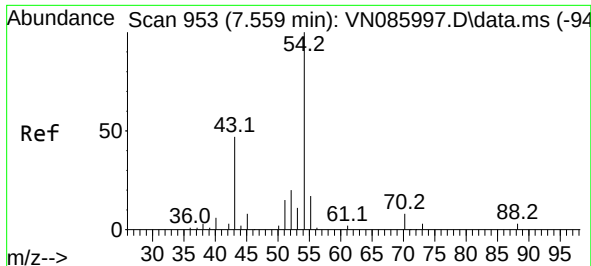
Tgt Ion:113 Resp: 92212
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.810 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 75 Resp: 11375
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.3#
77 0.0 25.0 37.4#

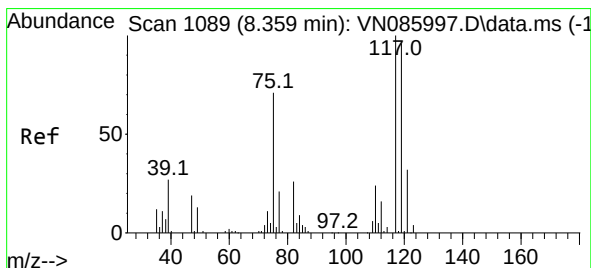
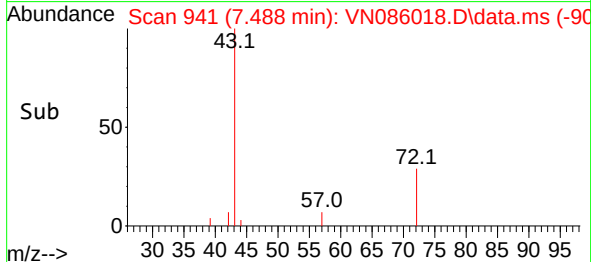
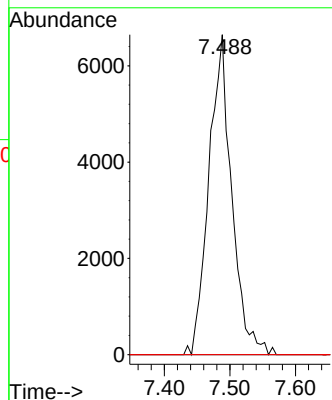
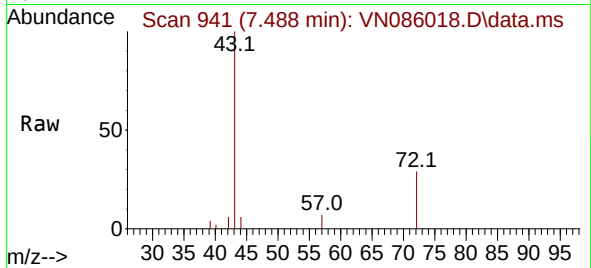




#37
Ethyl Acetate
Concen: 8.090 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.071 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

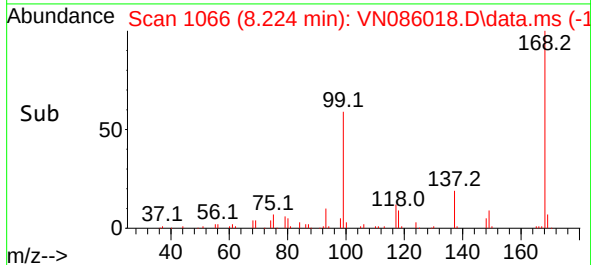
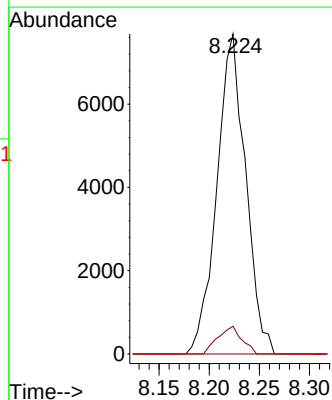
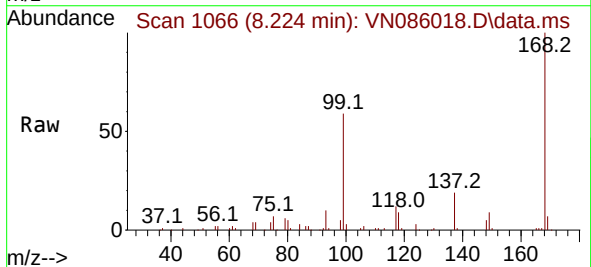
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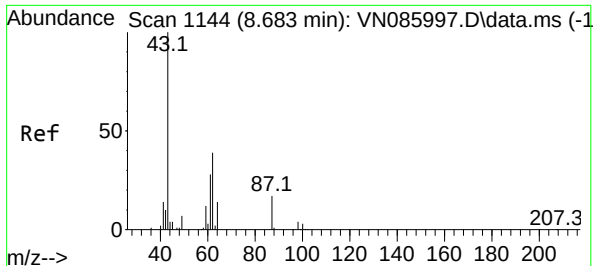
Tgt Ion:	43	Resp:	16139
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.0	19.4#
70	0.0	11.0	16.6#



#38
Carbon Tetrachloride
Concen: 4.918 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion:	117	Resp:	15291
Ion	Ratio	Lower	Upper
117	100		
119	8.6	77.0	115.4#
121	0.0	25.6	38.4#





#43

Isopropyl Acetate

Concen: 0.483 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. -0.024 min

Lab File: VN086018.D

Acq: 19 Mar 2025 18:51

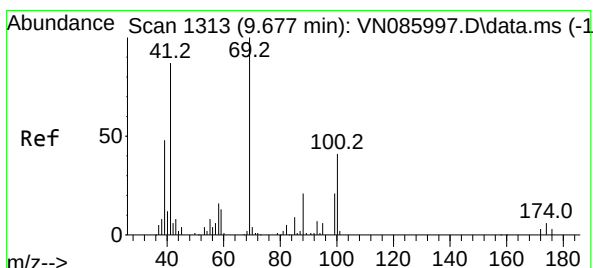
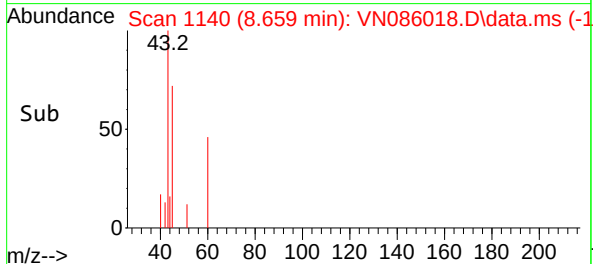
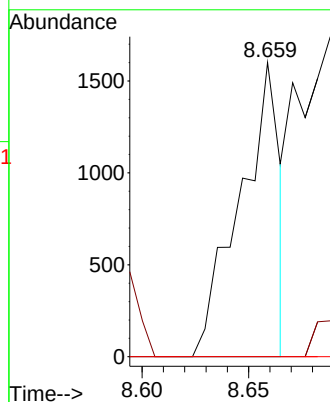
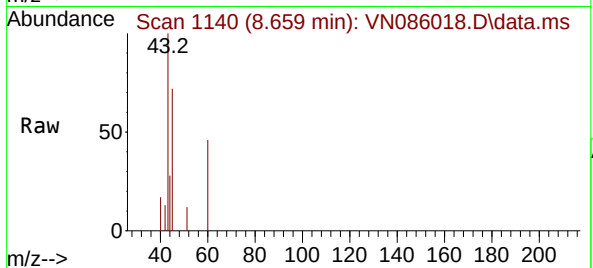
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 43	Resp:	2090
Ion Ratio	Lower	Upper
43	100	
61	0.0	25.0
87	0.0	13.0



#48

Methyl methacrylate

Concen: 1.588 ug/l

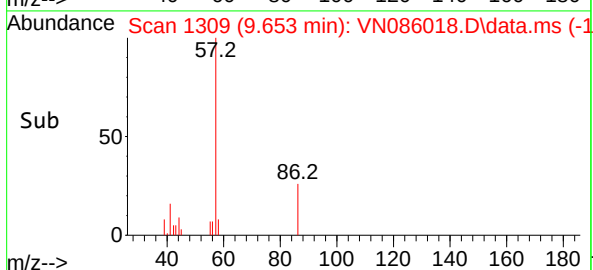
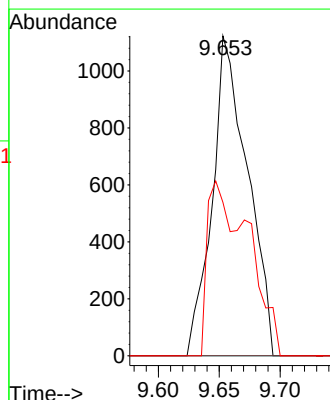
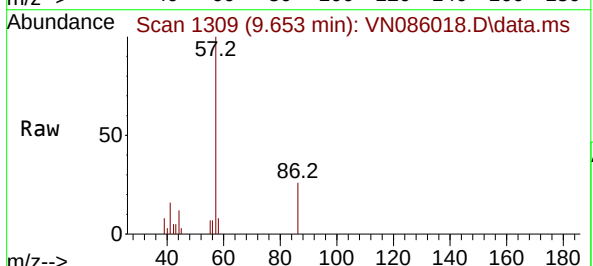
RT: 9.653 min Scan# 1309

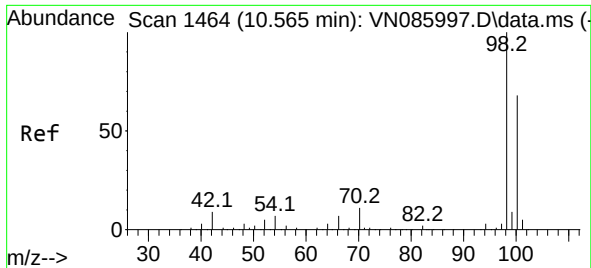
Delta R.T. -0.024 min

Lab File: VN086018.D

Acq: 19 Mar 2025 18:51

Tgt Ion: 41	Resp:	2265
Ion Ratio	Lower	Upper
41	100	
69	0.0	83.1
39	63.8	45.6

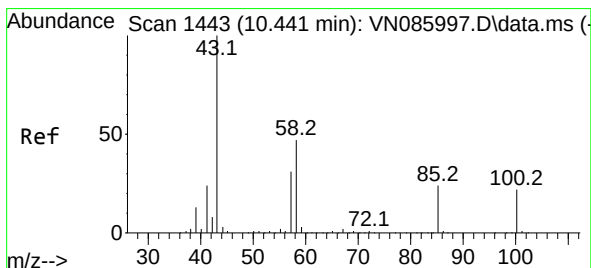
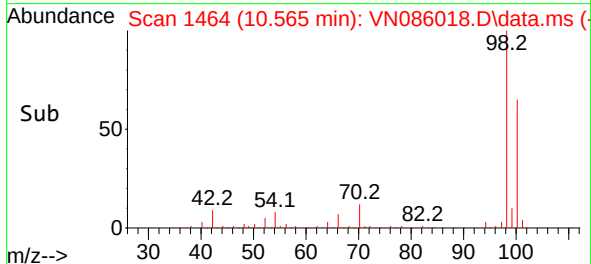
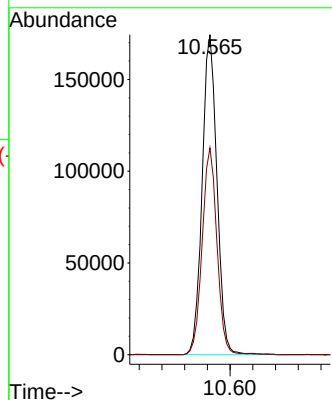
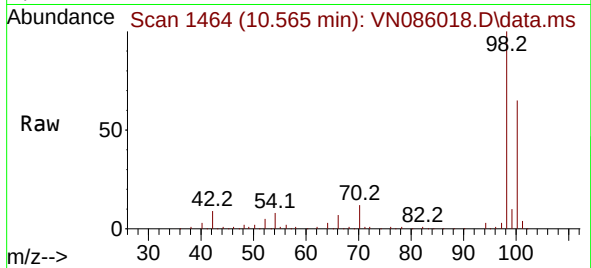




#50
Toluene-d8
Concen: 48.284 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

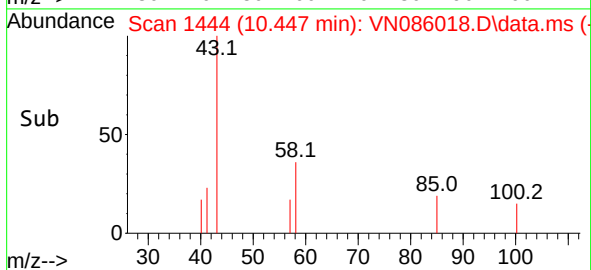
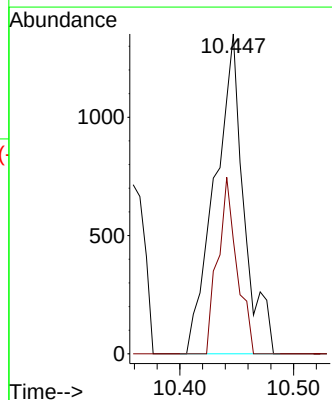
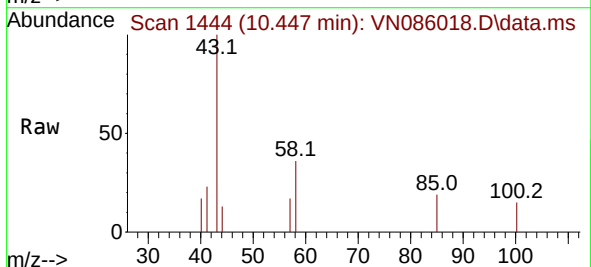
Instrument :
MSVOA_N
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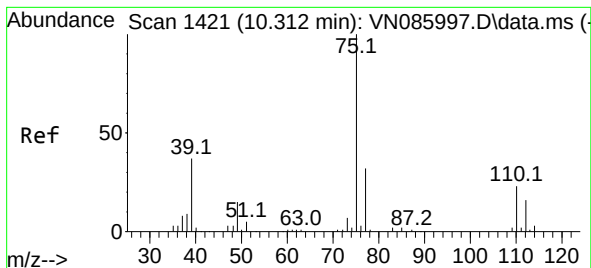
Tgt Ion: 98 Resp: 314706
Ion Ratio Lower Upper
98 100
100 64.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.260 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 43 Resp: 2403
Ion Ratio Lower Upper
43 100
58 36.3 37.4 56.0#

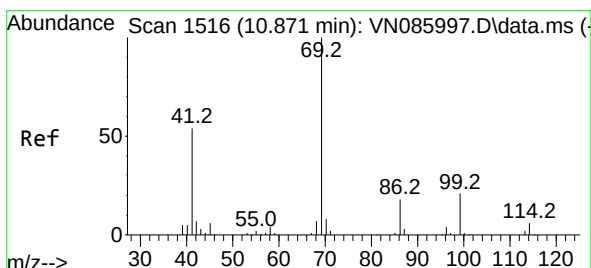
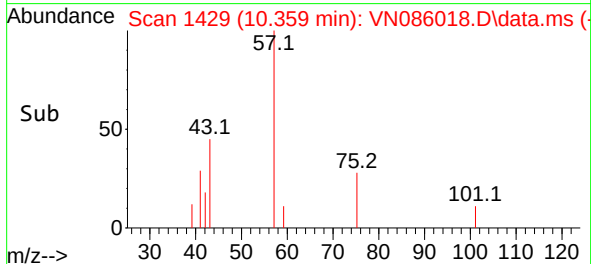
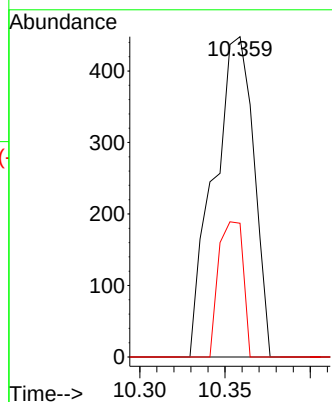
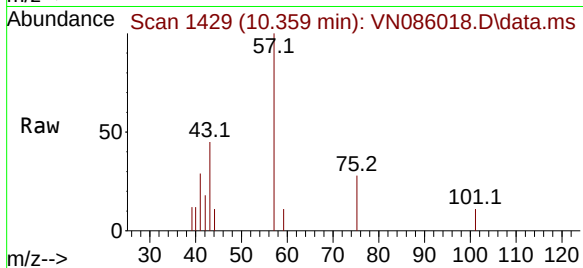




#54
 cis-1,3-Dichloropropene
 Concen: 0.257 ug/l
 RT: 10.359 min Scan# 1429
 Delta R.T. 0.047 min
 Lab File: VN086018.D
 Acq: 19 Mar 2025 18:51

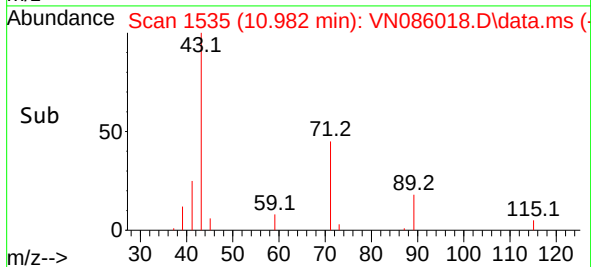
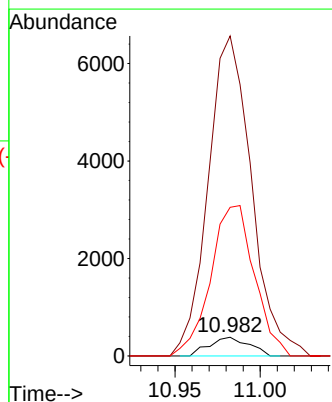
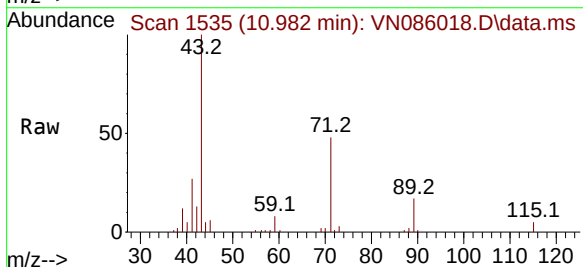
Instrument :
 MSVOA_N
 ClientSampleId :
 3-CONCRETE-SLAB

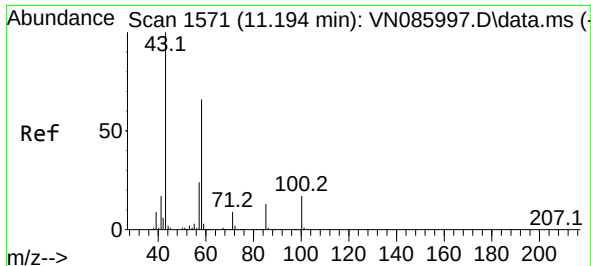
Tgt Ion: 75 Resp: 731
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 41.7 29.6 44.4



#56
 Ethyl methacrylate
 Concen: 0.472 ug/l
 RT: 10.982 min Scan# 1535
 Delta R.T. 0.111 min
 Lab File: VN086018.D
 Acq: 19 Mar 2025 18:51

Tgt Ion: 69 Resp: 624
 Ion Ratio Lower Upper
 69 100
 41 1862.0 41.6 62.4#
 39 883.7 21.8 32.8#

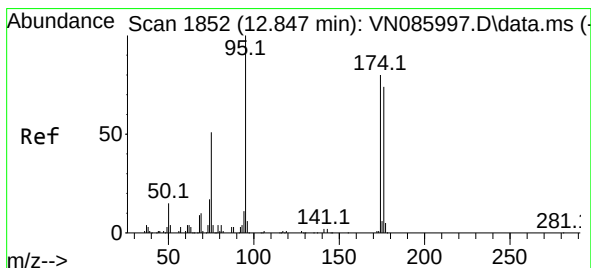
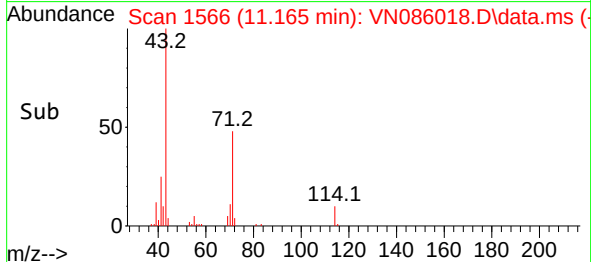
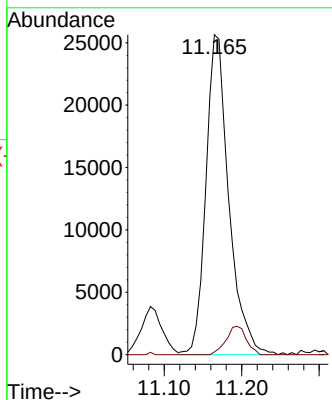
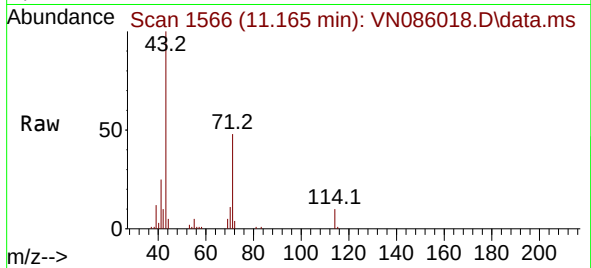




#59
2-Hexanone
Concen: 37.930 ug/l
RT: 11.165 min Scan# 111
Delta R.T. -0.030 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

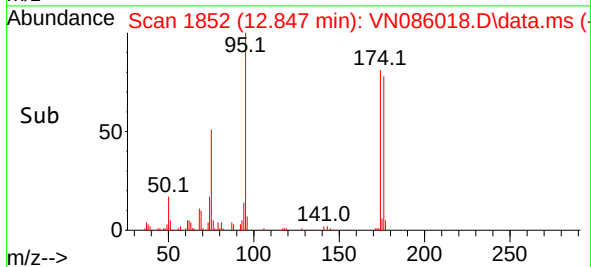
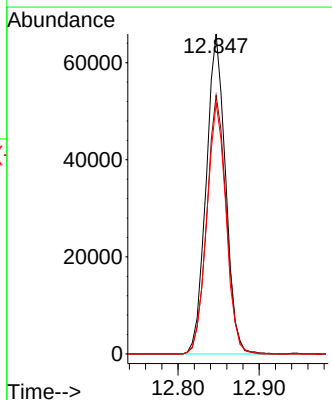
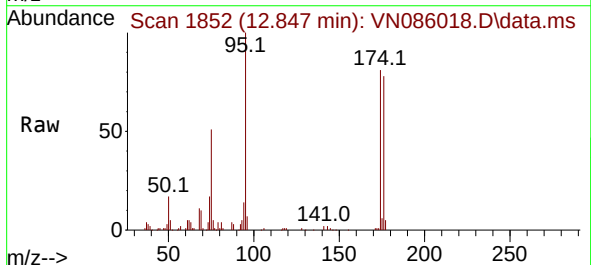
Instrument :
MSVOA_N
ClientSampleId :
3-CONCRETE-SLAB

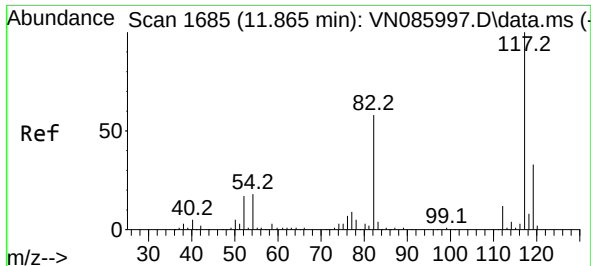
Tgt Ion: 43 Resp: 52682
Ion Ratio Lower Upper
43 100
58 0.0 32.4 97.2#



#62
4-Bromofluorobenzene
Concen: 46.840 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 95 Resp: 108879
Ion Ratio Lower Upper
95 100
174 81.6 0.0 156.8
176 78.3 0.0 152.2

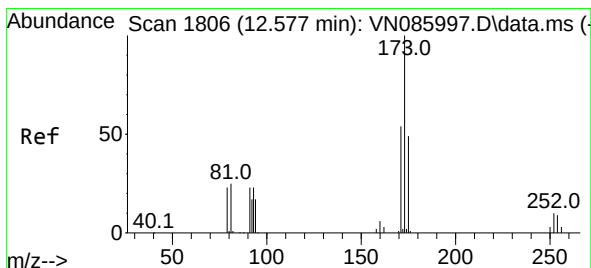
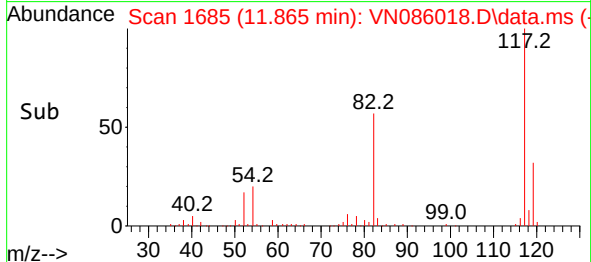
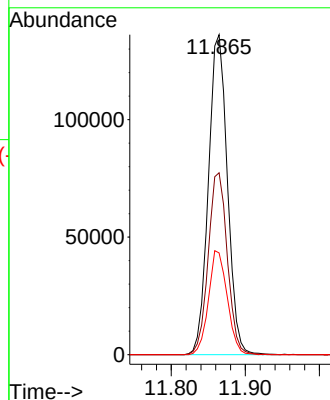
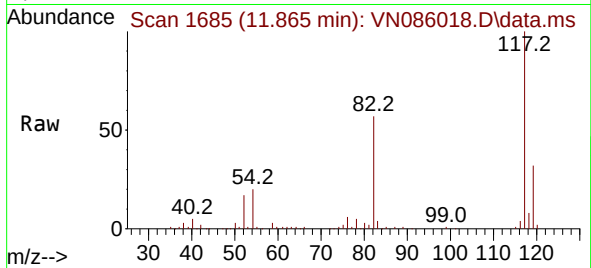




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

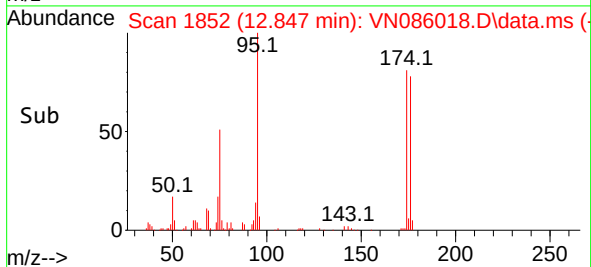
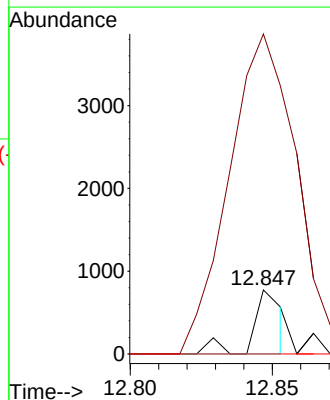
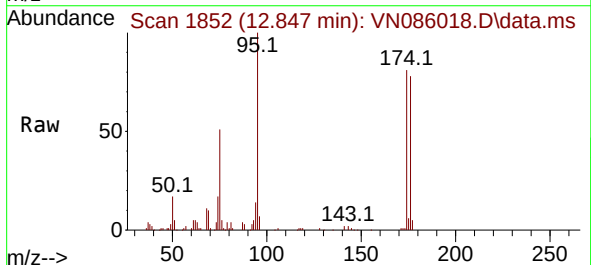
Instrument :
MSVOA_N
ClientSampleId :
3-CONCRETE-SLAB

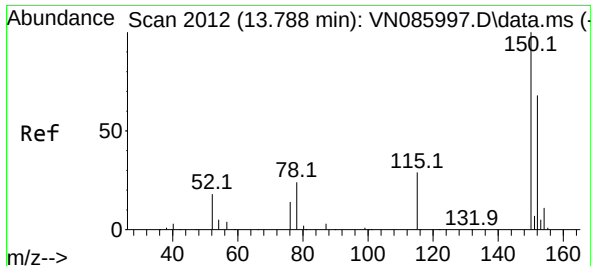
Tgt Ion:117 Resp: 242349
Ion Ratio Lower Upper
117 100
82 56.8 46.7 70.1
119 31.8 26.5 39.7



#71
Bromoform
Concen: 0.315 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion:173 Resp: 543
Ion Ratio Lower Upper
173 100
175 930.0 24.3 73.0#
254 0.0 0.0 0.0

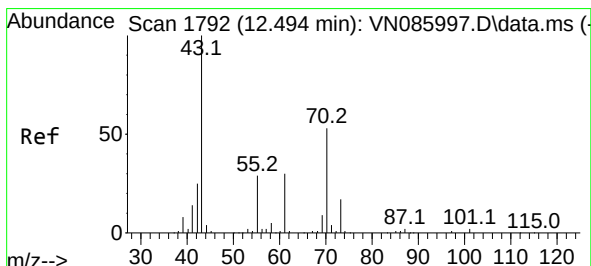
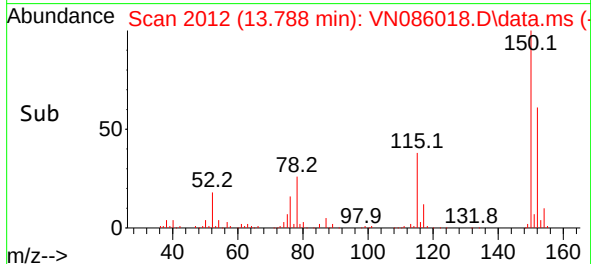
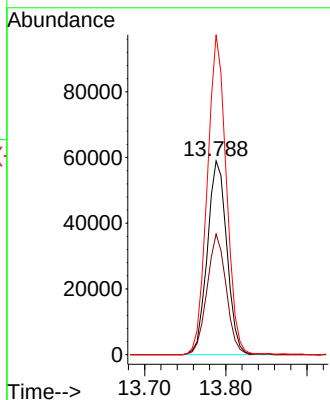
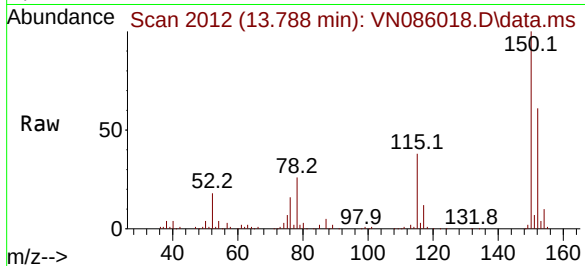




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086018.D
 Acq: 19 Mar 2025 18:51

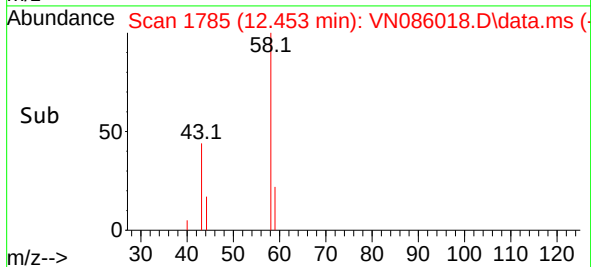
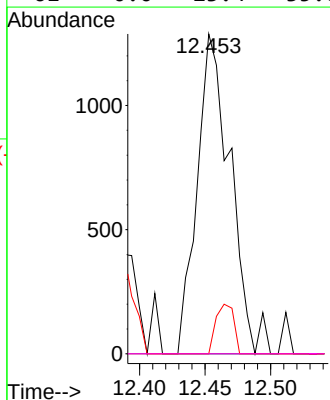
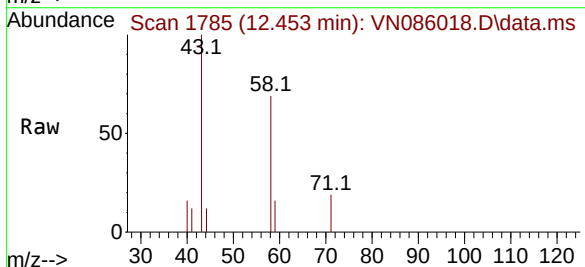
Instrument :
 MSVOA_N
 ClientSampleId :
 3-CONCRETE-SLAB

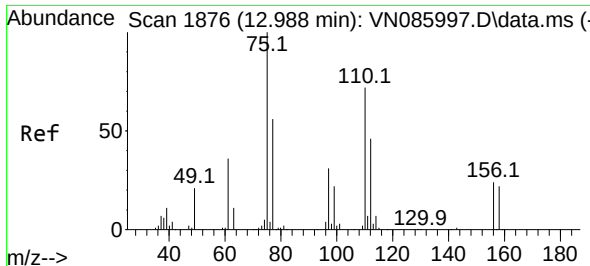
Tgt Ion:152 Resp: 98553
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.1 93.2
 150 160.5 0.0 359.6



#74
 N-ethyl acetate
 Concen: 1.008 ug/l
 RT: 12.453 min Scan# 1785
 Delta R.T. -0.041 min
 Lab File: VN086018.D
 Acq: 19 Mar 2025 18:51

Tgt Ion: 43 Resp: 2270
 Ion Ratio Lower Upper
 43 100
 70 0.0 43.0 64.4#
 55 8.3 23.8 35.8#
 61 0.0 23.4 35.0#

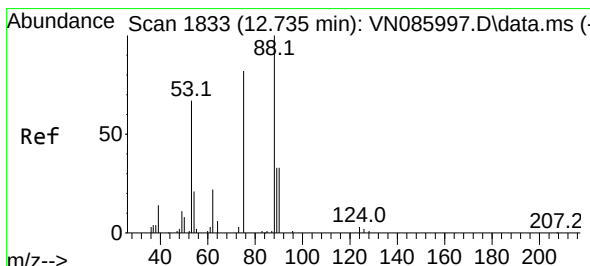
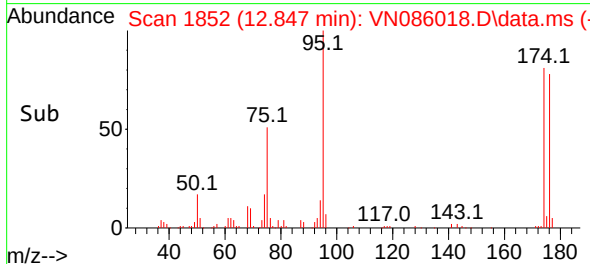
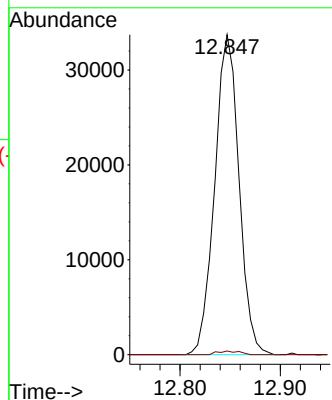
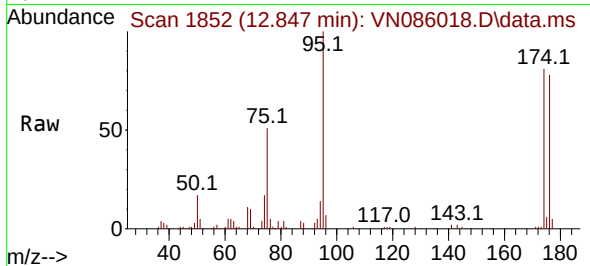




#76
1,2,3-Trichloropropane
Concen: 25.701 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Instrument :
MSVOA_N
ClientSampleId :
3-CONCRETE-SLAB

Tgt Ion: 75 Resp: 56706
Ion Ratio Lower Upper
75 100
77 1.0 83.7 251.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.948 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086018.D
Acq: 19 Mar 2025 18:51

Tgt Ion: 75 Resp: 56706
Ion Ratio Lower Upper
75 100
53 0.0 66.0 99.0#
89 0.0 36.9 55.3#

