

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085816.D
 Acq On : 21 Feb 2025 20:38
 Operator : JC\MD
 Sample : Q1395-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEL-25-0005

Quant Time: Feb 22 02:42:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

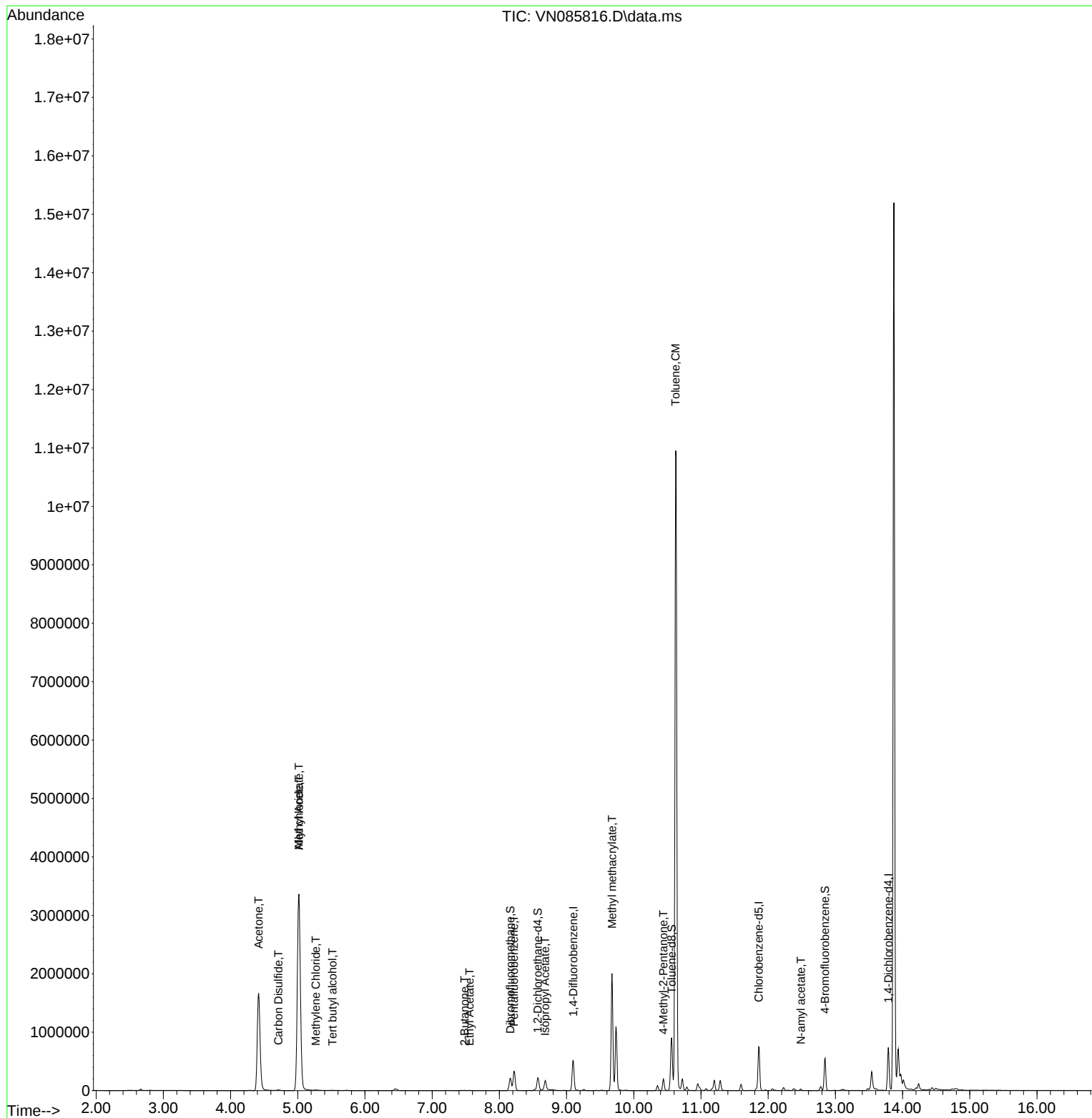
Internal Standards						
1) Pentafluorobenzene	8.218	168	237207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	459619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	451741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	202800	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	182274	59.270	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.540%			
35) Dibromofluoromethane	8.165	113	156444	52.018	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.040%			
50) Toluene-d8	10.565	98	620597	56.715	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 113.440%#			
62) 4-Bromofluorobenzene	12.847	95	201975	56.023	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.040%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.518	59	7759	20.513	ug/l #	88
14) Allyl chloride	5.018	41	86978	25.467	ug/l #	27
16) Acetone	4.418	43	3061325	3146.008	ug/l	100
17) Carbon Disulfide	4.712	76	15670	2.033	ug/l	98
18) Methyl Acetate	5.018	43	6985360	2087.089	ug/l	97
20) Methylene Chloride	5.271	84	4987	1.594	ug/l #	92
25) 2-Butanone	7.483	43	7415	5.180	ug/l	95
37) Ethyl Acetate	7.559	43	7788	2.223	ug/l #	90
43) Isopropyl Acetate	8.683	43	195522	31.605	ug/l #	86
48) Methyl methacrylate	9.677	41	879277	338.001	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	127297	37.693	ug/l	97
52) Toluene	10.624	92	5166107	646.013	ug/l	99
74) N-amyl acetate	12.488	43	7389	1.508	ug/l #	88

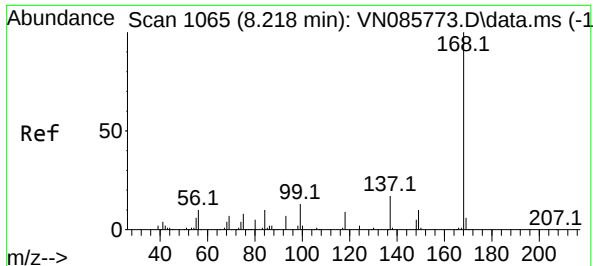
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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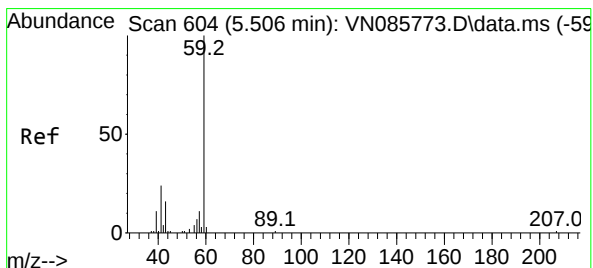
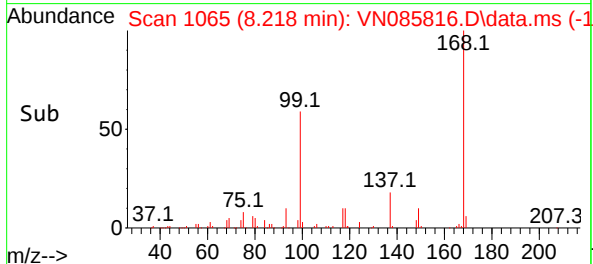
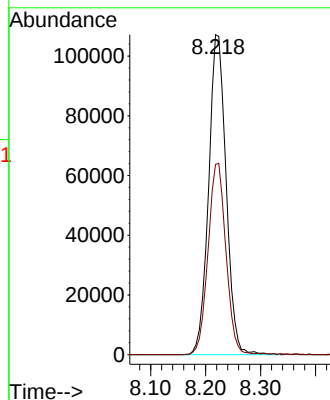
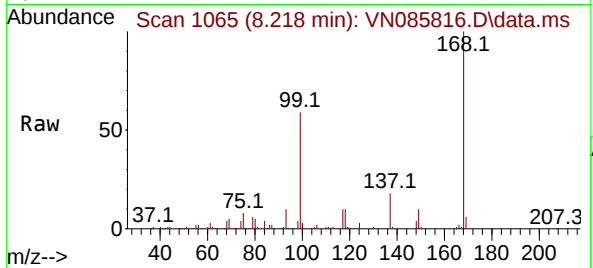




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

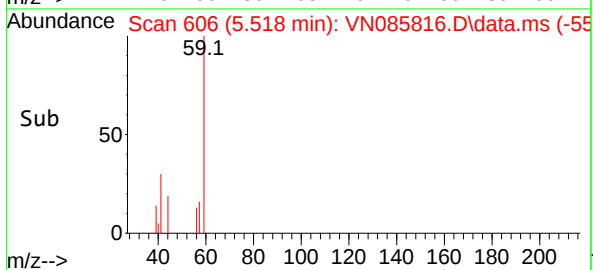
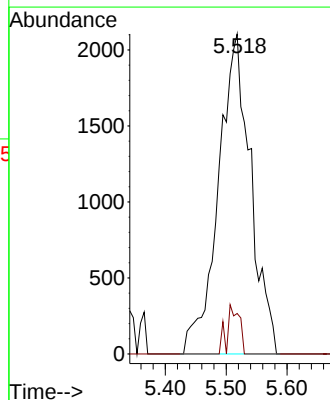
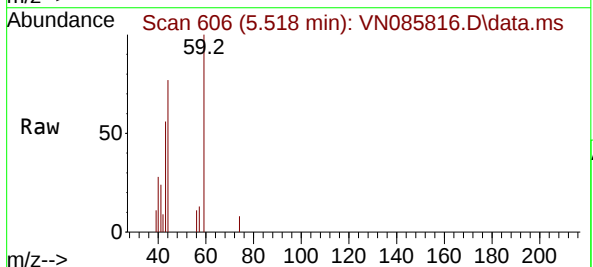
Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005

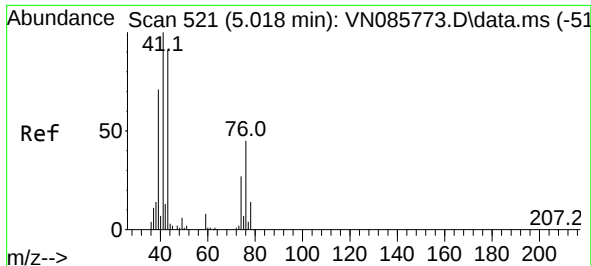
Tgt Ion:168 Resp: 237207
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#11
Tert butyl alcohol
Concen: 20.513 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Tgt Ion: 59 Resp: 7759
Ion Ratio Lower Upper
59 100
57 5.9 8.3 12.5#

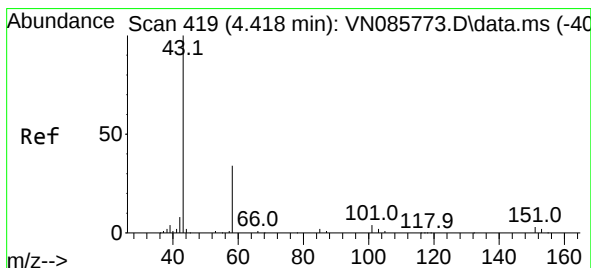
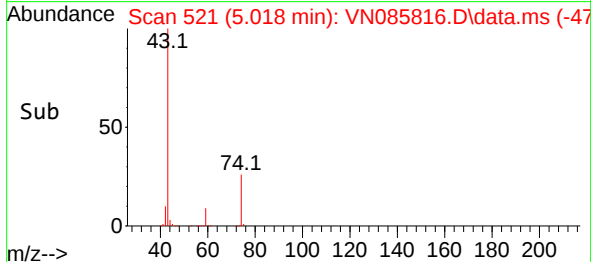
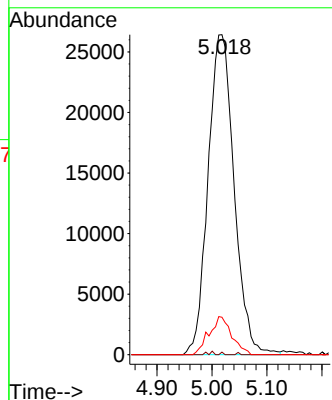
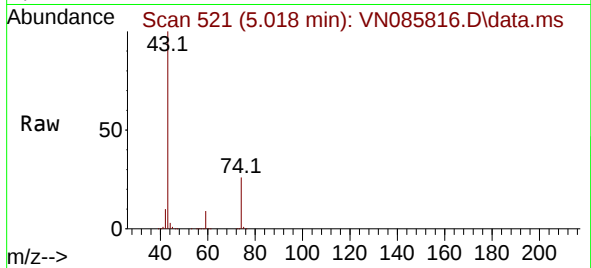




#14
Allyl chloride
Concen: 25.467 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

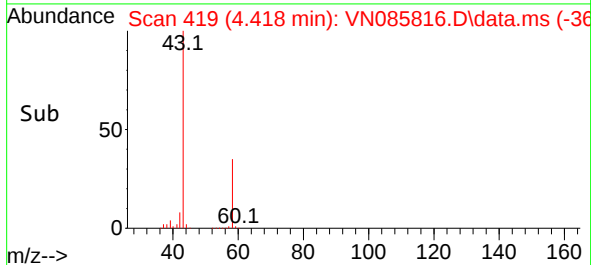
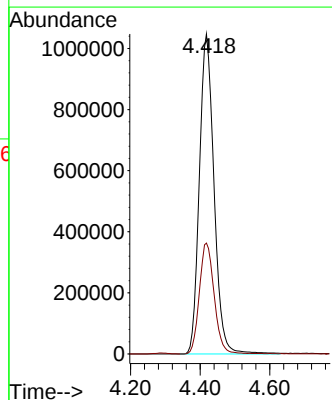
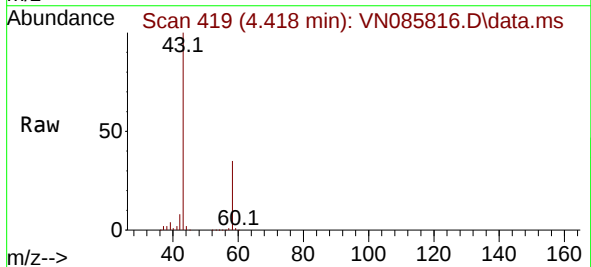
Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005

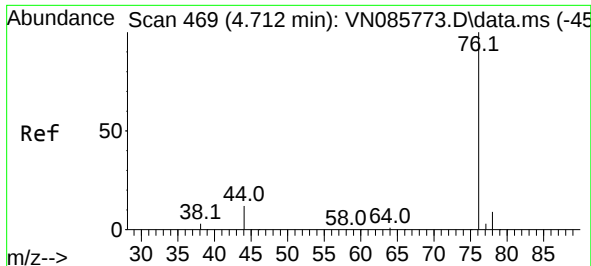
Tgt Ion: 41 Resp: 86978
Ion Ratio Lower Upper
41 100
39 0.1 57.4 86.2#
76 10.3 36.2 54.2#



#16
Acetone
Concen: 3146.008 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Tgt Ion: 43 Resp: 3061325
Ion Ratio Lower Upper
43 100
58 34.7 27.5 41.3

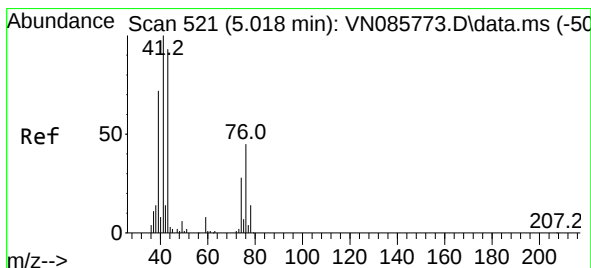
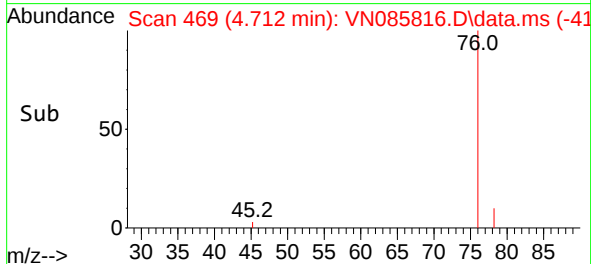
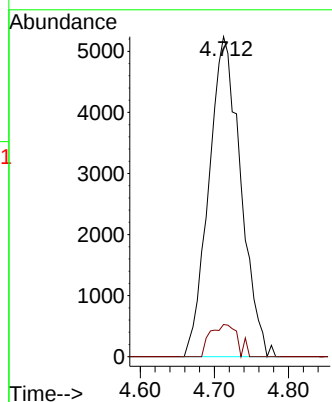
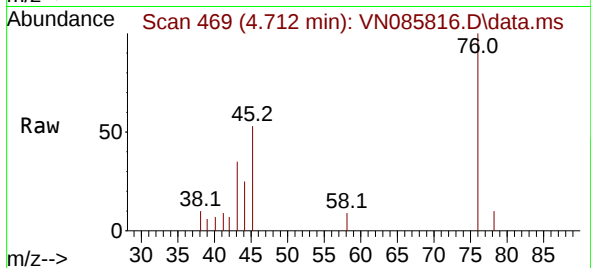




#17
Carbon Disulfide
Concen: 2.033 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

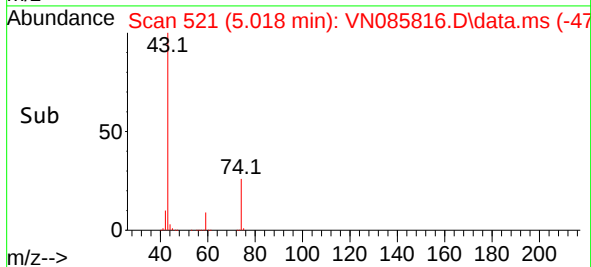
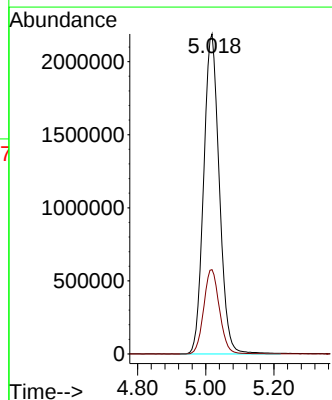
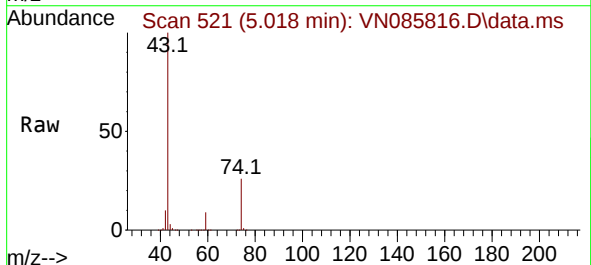
Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005

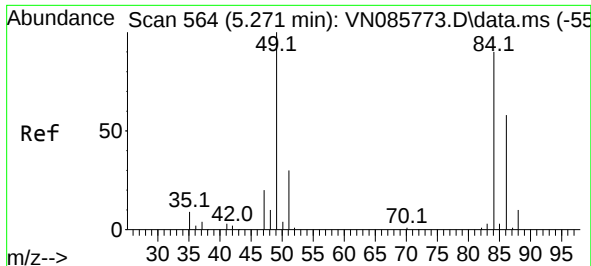
Tgt Ion: 76 Resp: 15670
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 2087.089 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

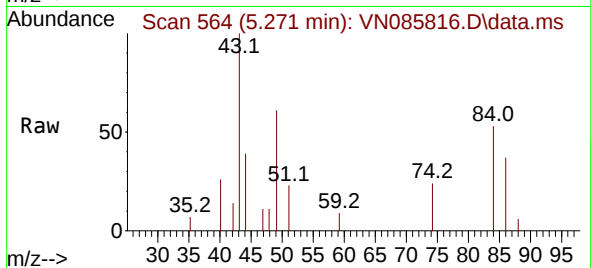
Tgt Ion: 43 Resp: 6985360
Ion Ratio Lower Upper
43 100
74 26.5 22.2 33.4



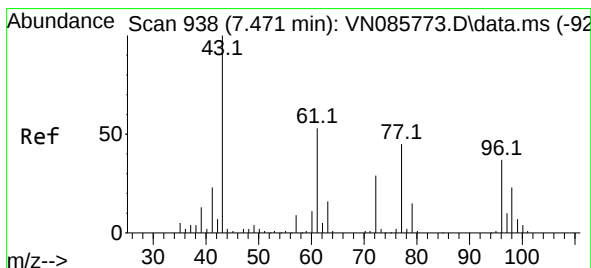
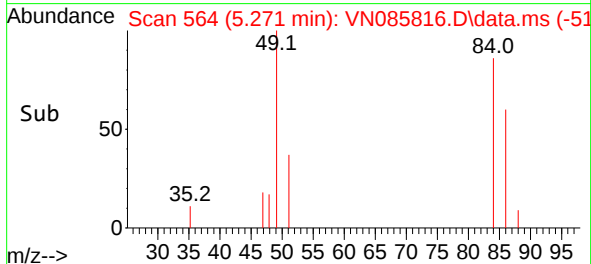
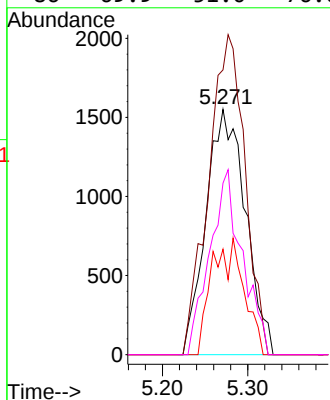


#20
Methylene Chloride
Concen: 1.594 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005

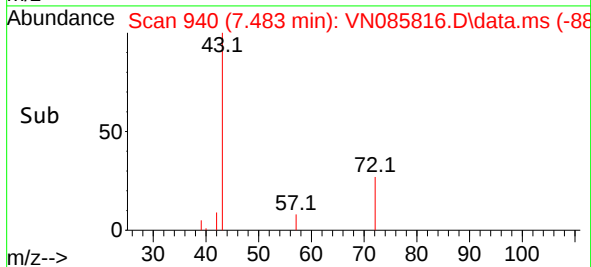
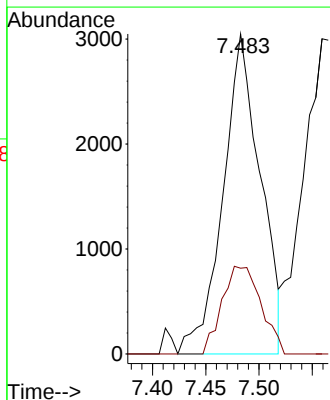
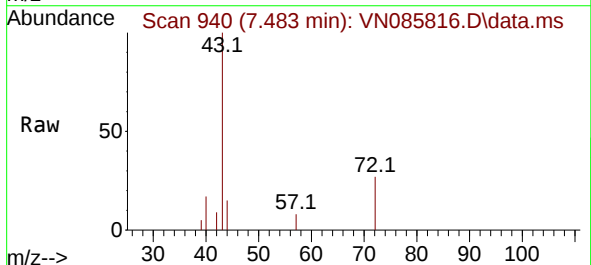


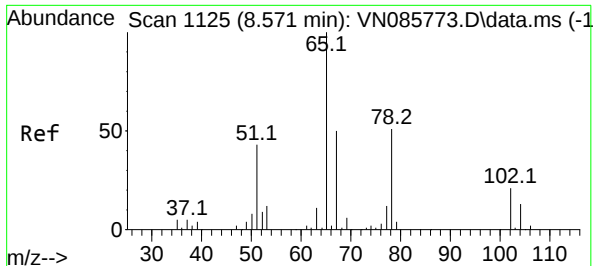
Tgt Ion: 84	Resp: 4987
Ion Ratio	Lower Upper
84 100	
49 116.1	88.4 132.6
51 42.9	26.6 40.0#
86 69.9	51.0 76.6



#25
2-Butanone
Concen: 5.180 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Tgt Ion: 43	Resp: 7415		
Ion Ratio	Lower	Upper	
43 100			
72 26.8	23.6	35.4	





#33

1,2-Dichloroethane-d4

Concen: 59.270 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085816.D

Acq: 21 Feb 2025 20:38

Instrument :

MSVOA_N

ClientSampleId :

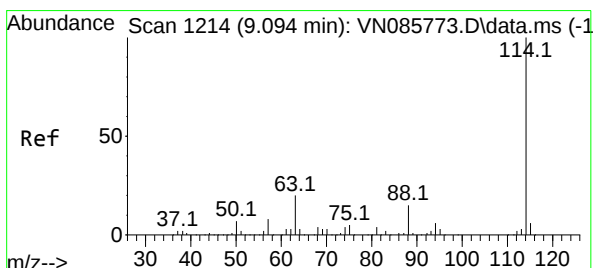
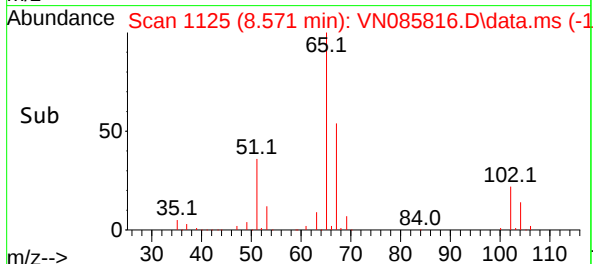
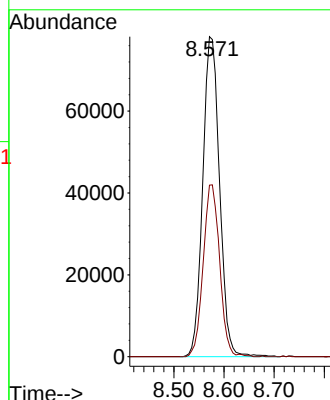
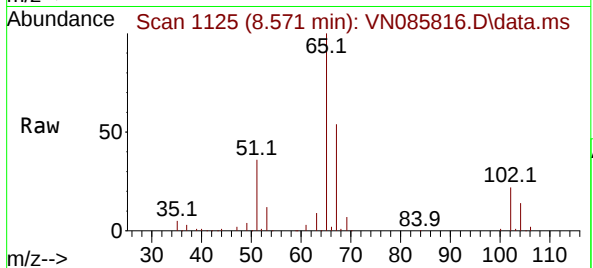
BEL-25-0005

Tgt Ion: 65 Resp: 182274

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085816.D

Acq: 21 Feb 2025 20:38

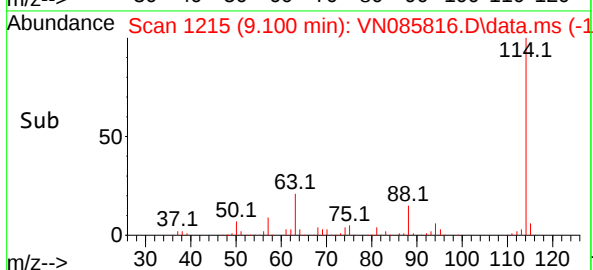
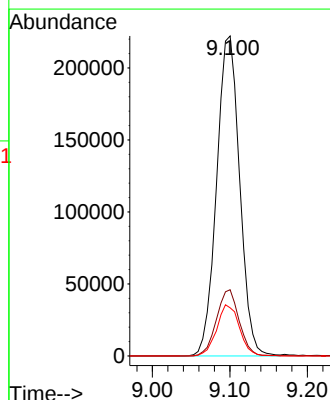
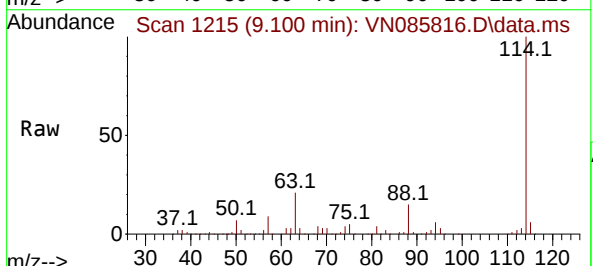
Tgt Ion: 114 Resp: 459619

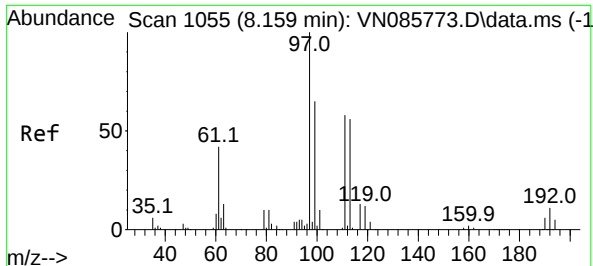
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 15.0 0.0 30.0

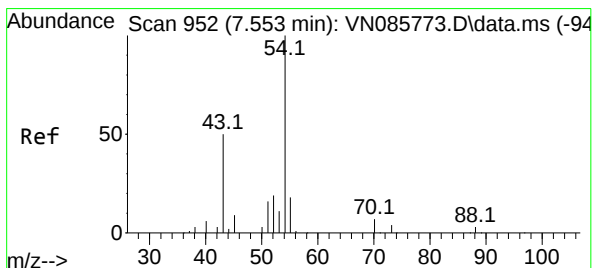
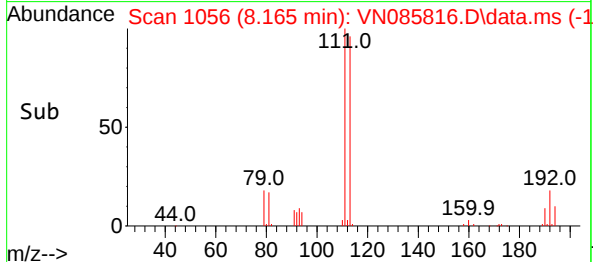
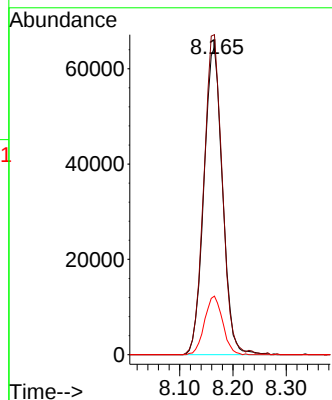
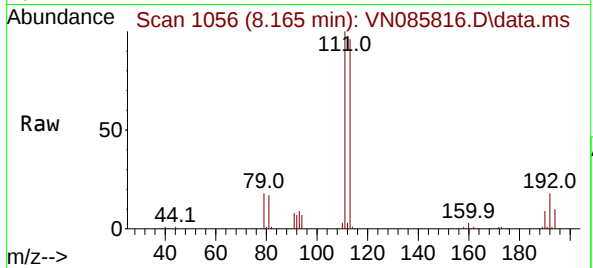




#35
Dibromofluoromethane
Concen: 52.018 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

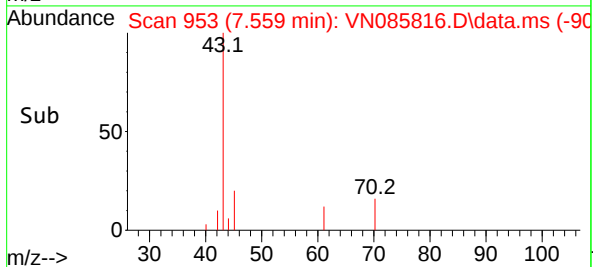
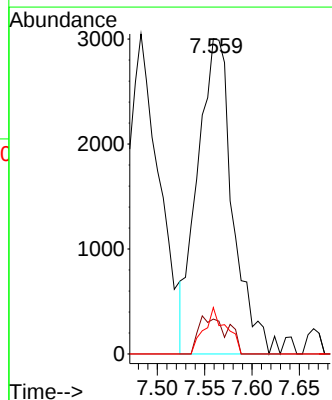
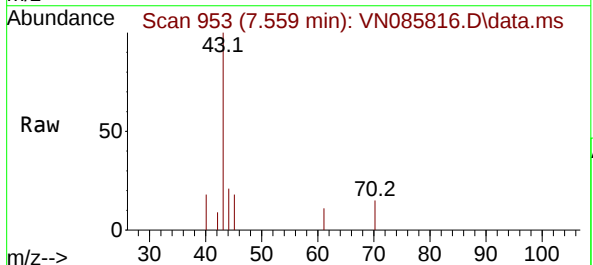
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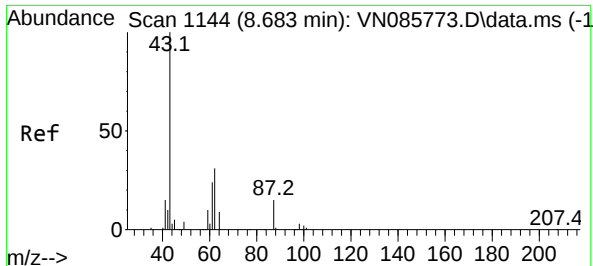
Tgt Ion:113 Resp: 156444
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 18.6 14.7 22.1



#37
Ethyl Acetate
Concen: 2.223 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Tgt Ion: 43 Resp: 7788
Ion Ratio Lower Upper
43 100
61 9.9 12.2 18.2#
70 9.2 9.5 14.3#





#43

Isopropyl Acetate

Concen: 31.605 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VN085816.D

Acq: 21 Feb 2025 20:38

Instrument :

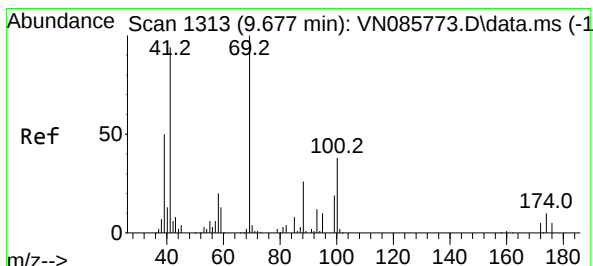
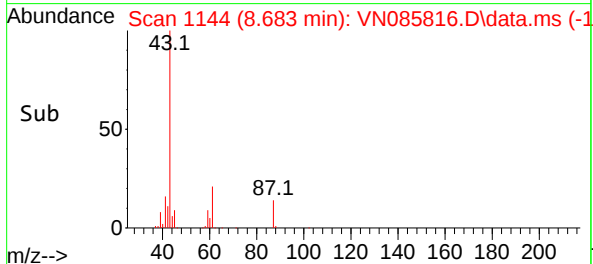
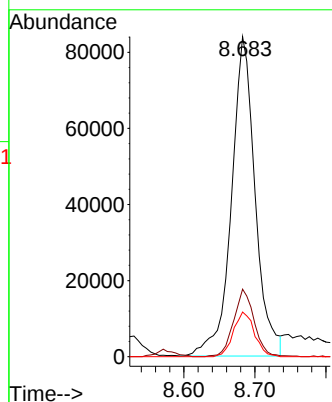
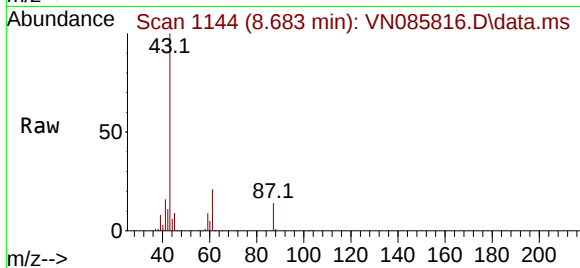
MSVOA_N

ClientSampleId :

BEL-25-0005

Tgt Ion: 43 Resp: 195522

Ion	Ratio	Lower	Upper
43	100		
61	18.3	22.6	34.0#
87	12.3	11.8	17.8



#48

Methyl methacrylate

Concen: 338.001 ug/l

RT: 9.677 min Scan# 1313

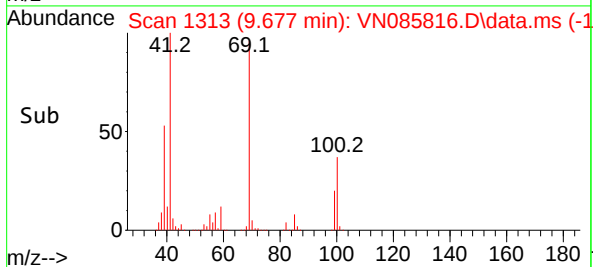
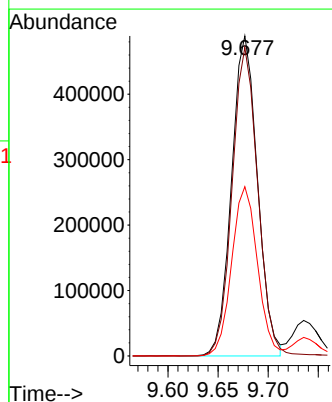
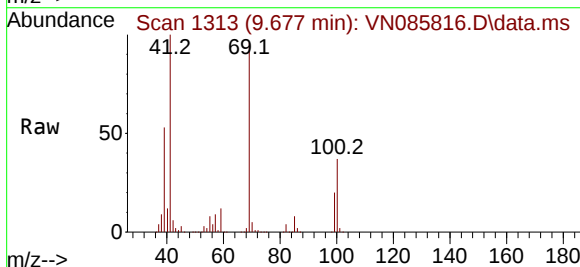
Delta R.T. 0.000 min

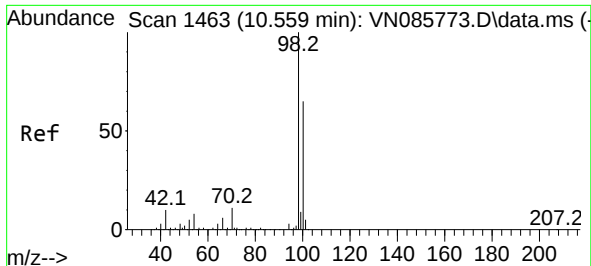
Lab File: VN085816.D

Acq: 21 Feb 2025 20:38

Tgt Ion: 41 Resp: 879277

Ion	Ratio	Lower	Upper
41	100		
69	95.9	76.0	114.0
39	52.7	42.3	63.5

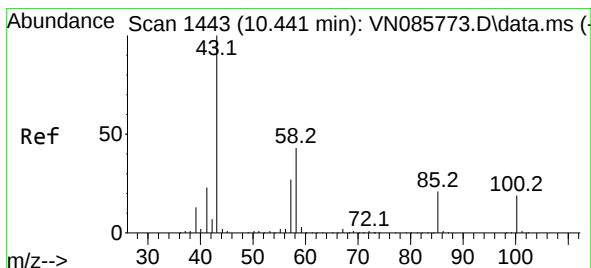
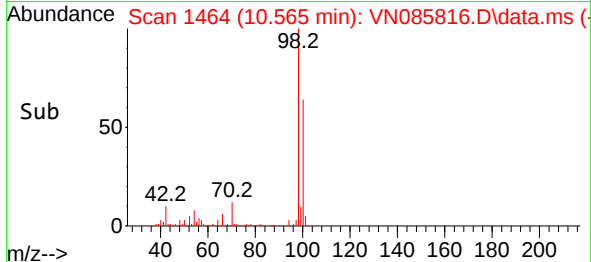
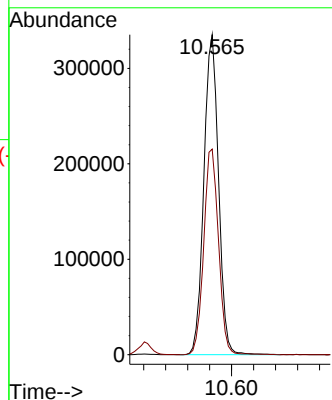
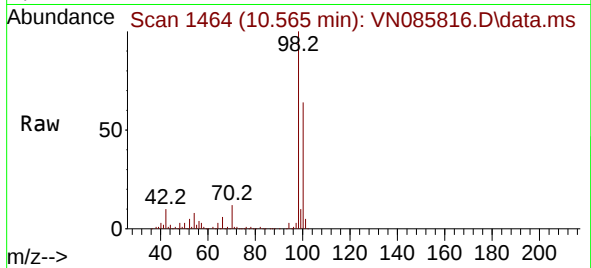




#50
Toluene-d8
Concen: 56.715 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

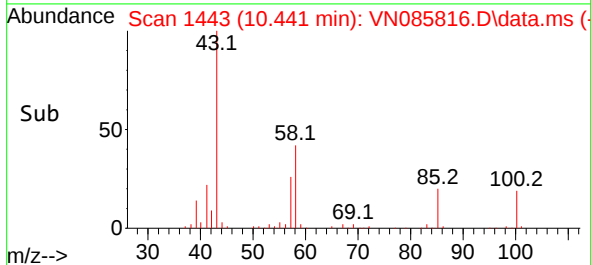
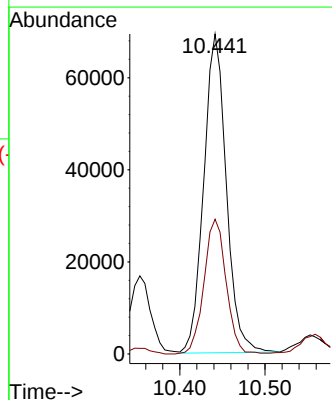
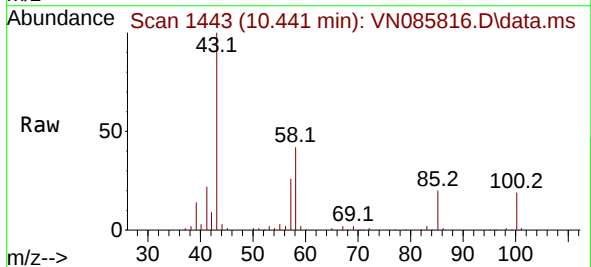
Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005

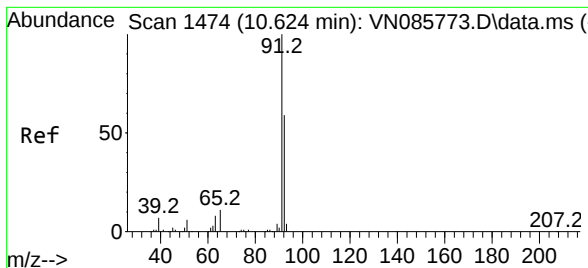
Tgt Ion: 98 Resp: 620597
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 37.693 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Tgt Ion: 43 Resp: 127297
Ion Ratio Lower Upper
43 100
58 41.5 34.6 52.0





#52

Toluene

Concen: 646.013 ug/l

RT: 10.624 min Scan# 1474

Delta R.T. 0.000 min

Lab File: VN085816.D

Acq: 21 Feb 2025 20:38

Instrument :

MSVOA_N

ClientSampleId :

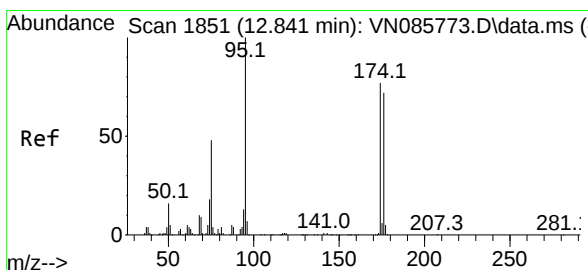
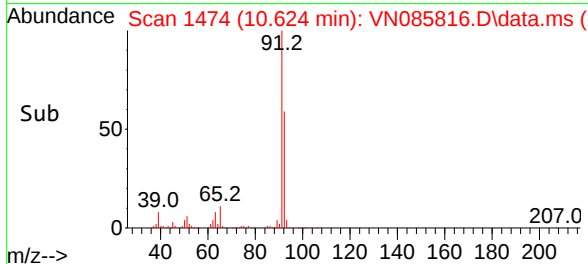
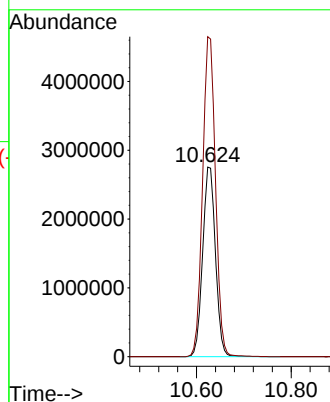
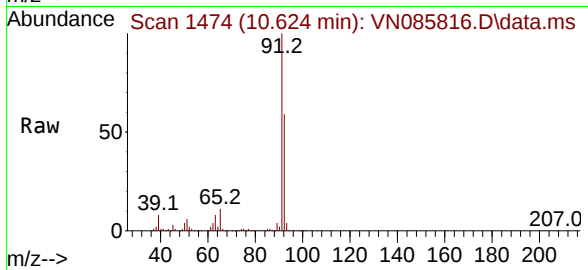
BEL-25-0005

Tgt Ion: 92 Resp: 5166107

Ion Ratio Lower Upper

92 100

91 170.1 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 56.023 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.006 min

Lab File: VN085816.D

Acq: 21 Feb 2025 20:38

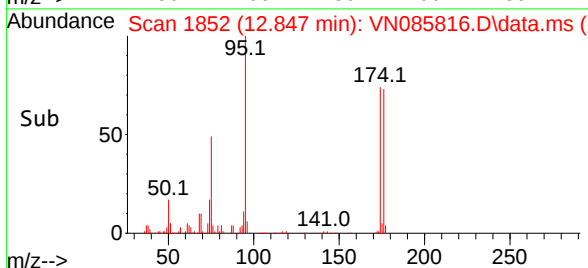
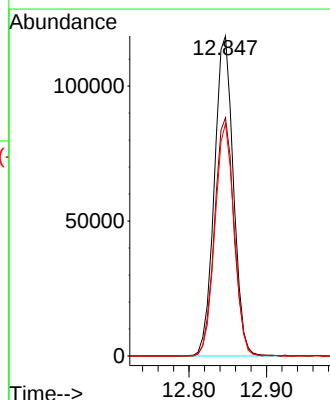
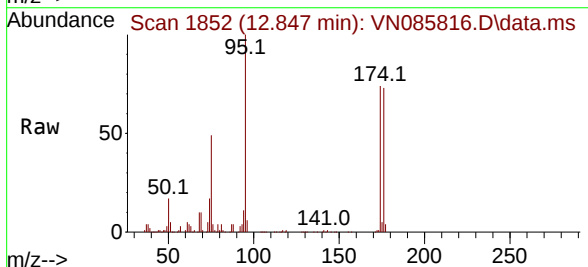
Tgt Ion: 95 Resp: 201975

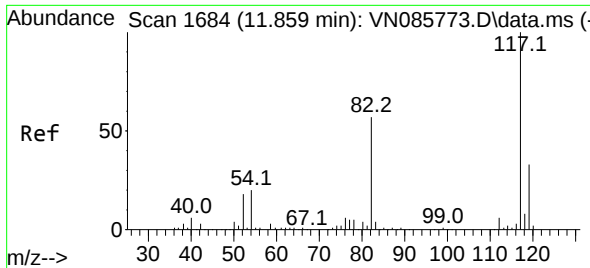
Ion Ratio Lower Upper

95 100

174 76.0 0.0 152.4

176 73.2 0.0 146.6

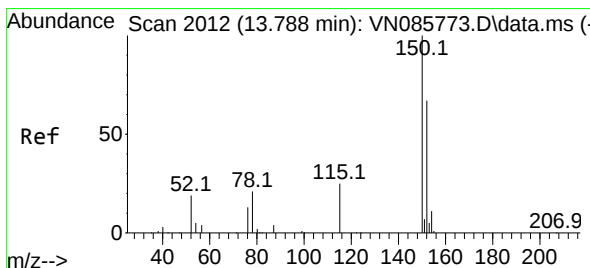
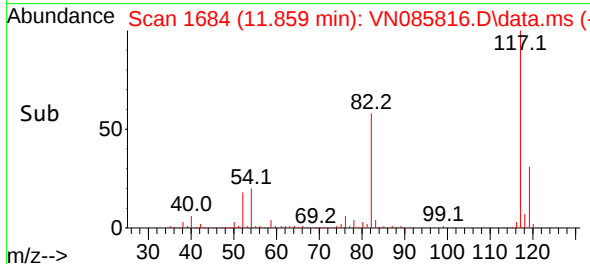
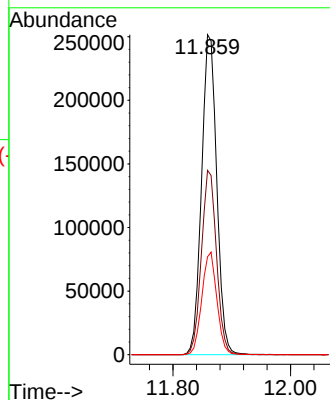
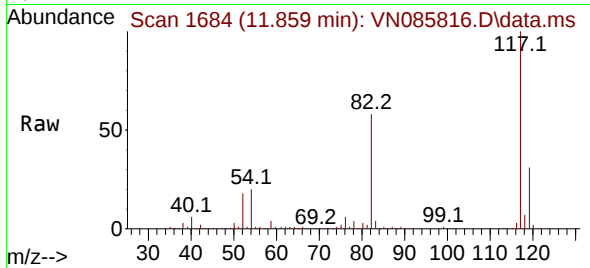




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

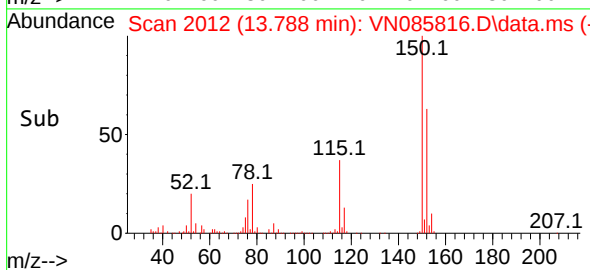
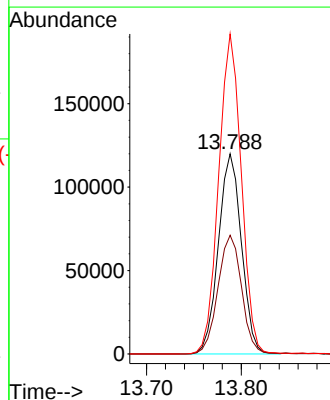
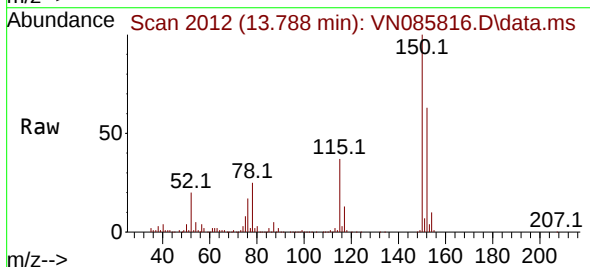
Instrument :
MSVOA_N
ClientSampleId :
BEL-25-0005

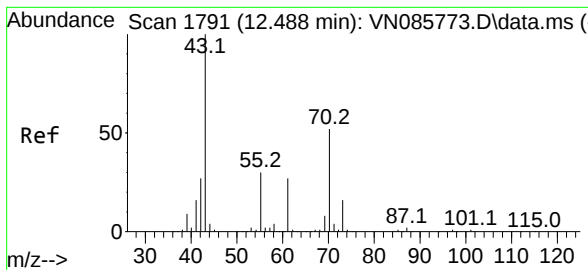
Tgt Ion:117 Resp: 451741
Ion Ratio Lower Upper
117 100
82 57.6 45.7 68.5
119 30.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085816.D
Acq: 21 Feb 2025 20:38

Tgt Ion:152 Resp: 202800
Ion Ratio Lower Upper
152 100
115 60.9 30.4 91.3
150 157.3 0.0 345.4





#74
 N-amy1 acetate
 Concen: 1.508 ug/l
 RT: 12.488 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN085816.D
 Acq: 21 Feb 2025 20:38

Instrument :
 MSVOA_N
 ClientSampleId :
 BEL-25-0005

Tgt Ion: 43	Resp: 7389
Ion Ratio	Lower Upper
43 100	
70 42.4	41.0 61.4
55 34.1	24.6 36.8
61 17.7	21.6 32.4#

