

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092625\
 Data File : VN087974.D
 Acq On : 26 Sep 2025 17:55
 Operator : JC\MD
 Sample : Q3208-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SU-ESM-COMP-02

Quant Time: Sep 27 01:30:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

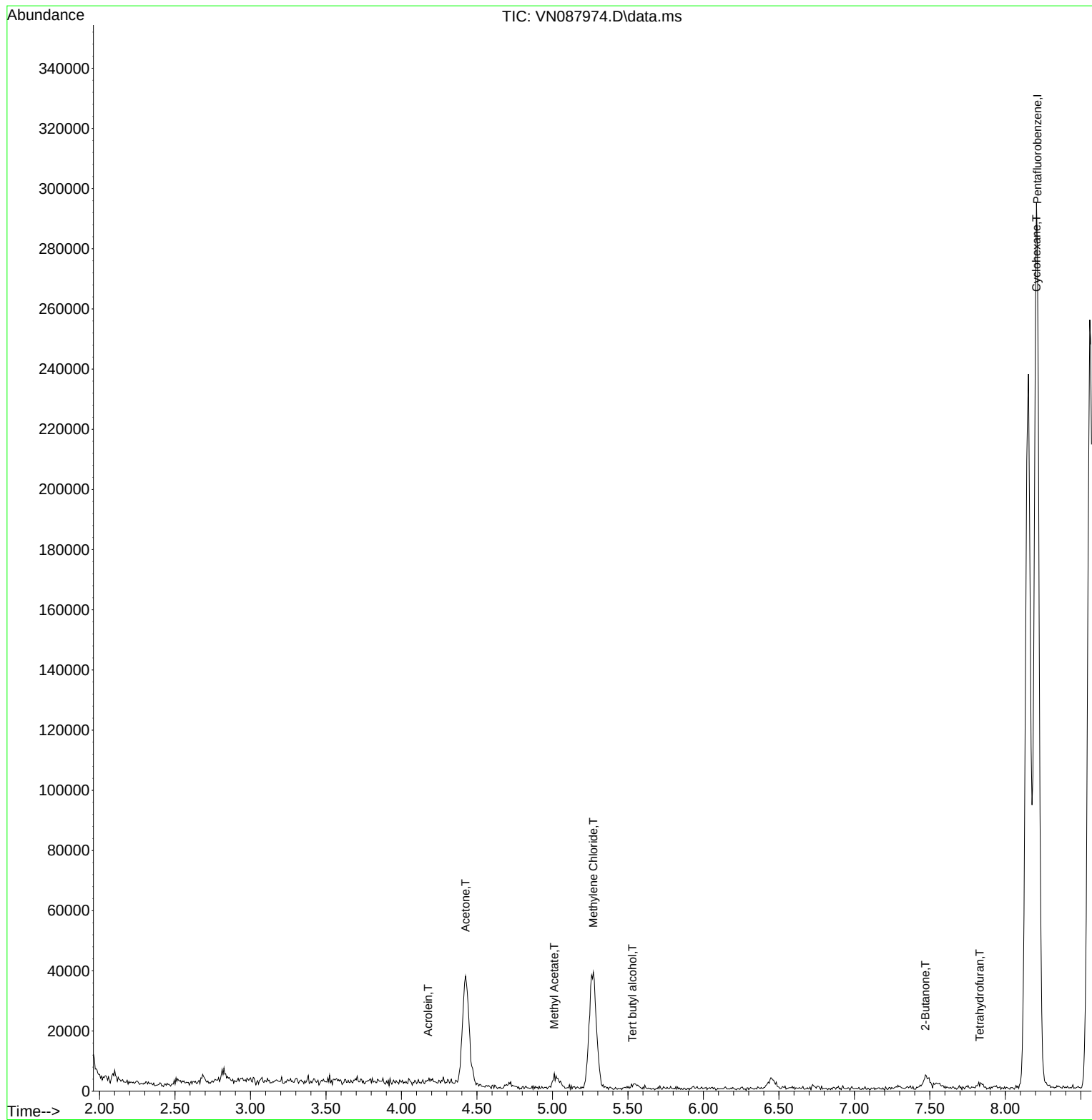
Internal Standards						
1) Pentafluorobenzene	8.212	168	203338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-9.08
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.84
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.77
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	8.153	113	168904	0.000	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	1462	2.966	ug/l #	71
13) Acrolein	4.177	56	137	0.217	ug/l #	69
16) Acetone	4.424	43	72376	51.404	ug/l	99
18) Methyl Acetate	5.012	43	3178	0.902	ug/l #	87
20) Methylene Chloride	5.271	84	32304	11.335	ug/l	97
25) 2-Butanone	7.471	43	7319	3.401	ug/l #	77
29) Tetrahydrofuran	7.830	42	1307	0.948	ug/l #	58
31) Cyclohexane	8.206	56	5884	1.533	ug/l #	26

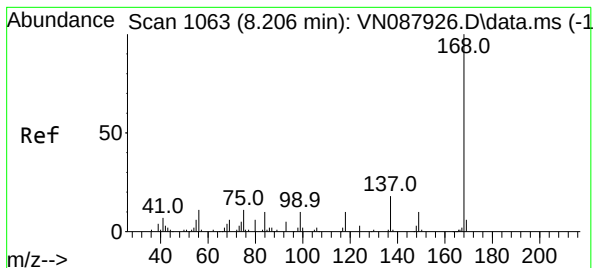
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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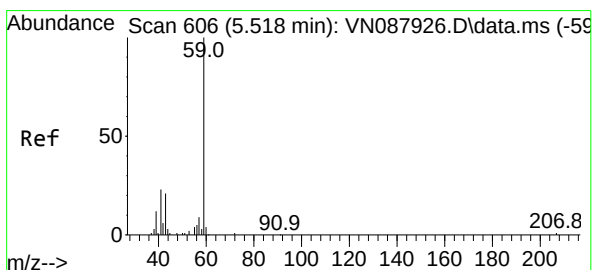
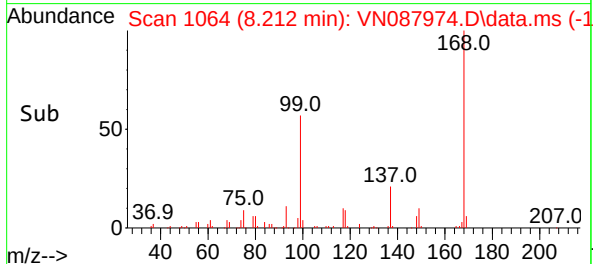
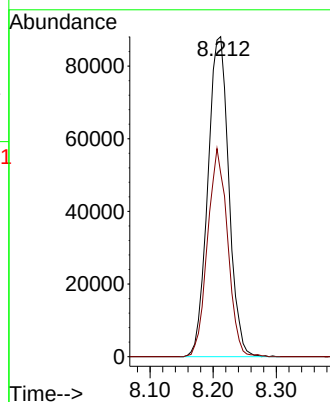
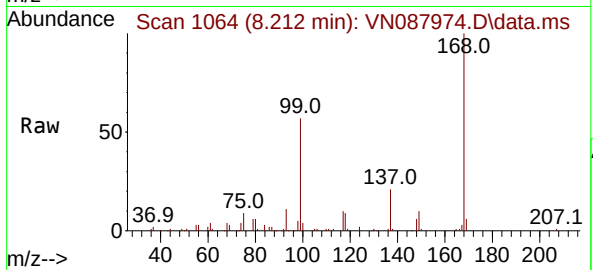




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

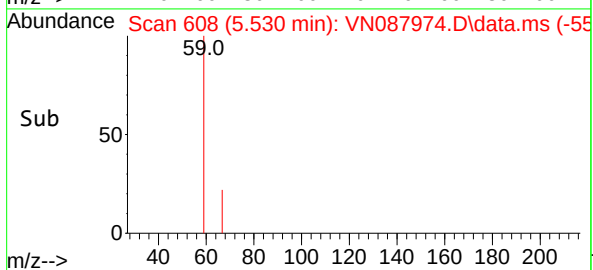
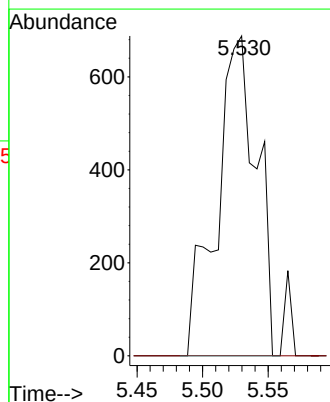
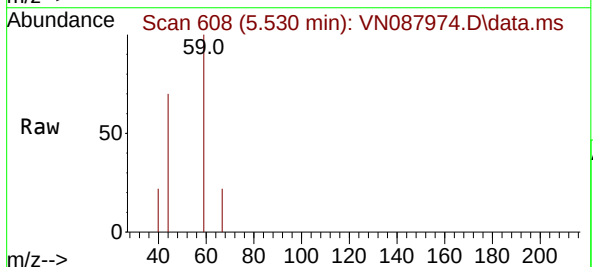
Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

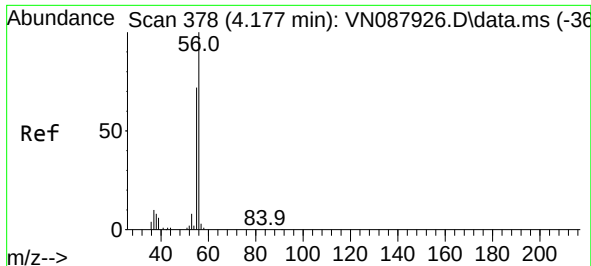
Tgt Ion:168 Resp: 203338
Ion Ratio Lower Upper
168 100
99 57.4 52.2 78.2



#11
Tert butyl alcohol
Concen: 2.966 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.012 min
Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Tgt Ion: 59 Resp: 1462
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#13

Acrolein

Concen: 0.217 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN087974.D

Acq: 26 Sep 2025 17:55

Instrument :

MSVOA_N

ClientSampleId :

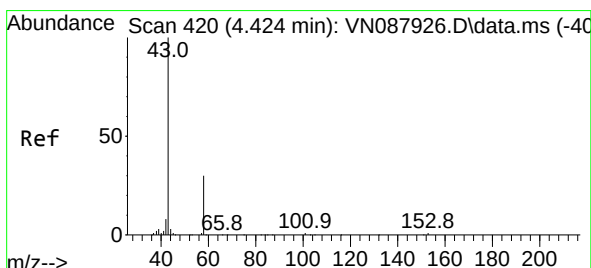
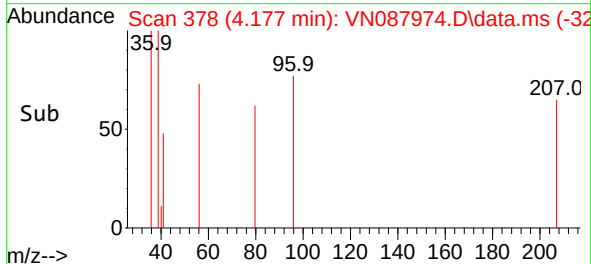
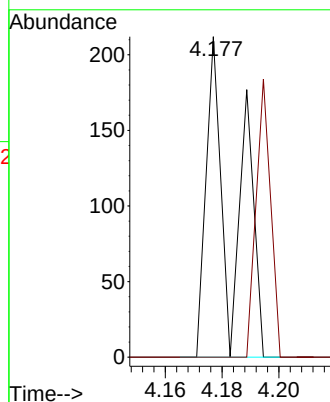
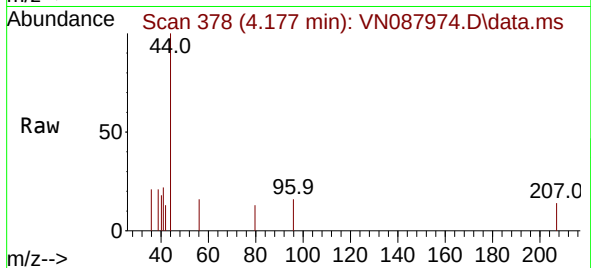
SU-ESM-COMP-02

Tgt Ion: 56 Resp: 137

Ion Ratio Lower Upper

56 100

55 47.4 59.3 88.9#



#16

Acetone

Concen: 51.404 ug/l

RT: 4.424 min Scan# 420

Delta R.T. -0.000 min

Lab File: VN087974.D

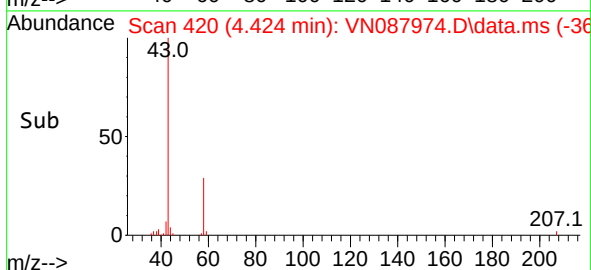
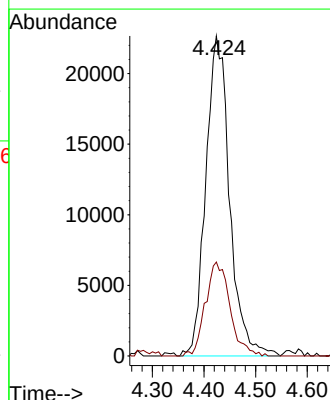
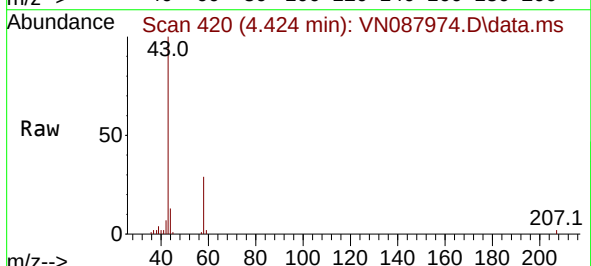
Acq: 26 Sep 2025 17:55

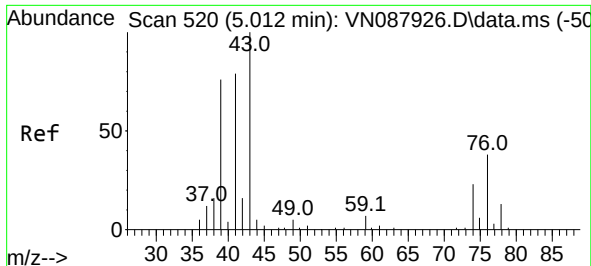
Tgt Ion: 43 Resp: 72376

Ion Ratio Lower Upper

43 100

58 29.4 24.1 36.1





#18

Methyl Acetate

Concen: 0.902 ug/l

RT: 5.012 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN087974.D

Acq: 26 Sep 2025 17:55

Instrument :

MSVOA_N

ClientSampleId :

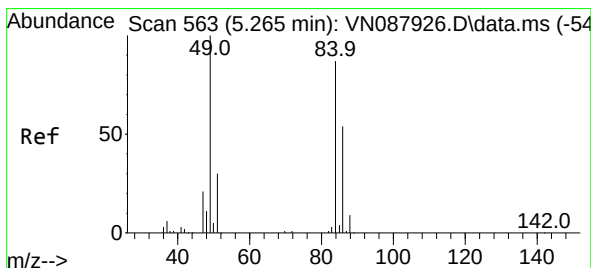
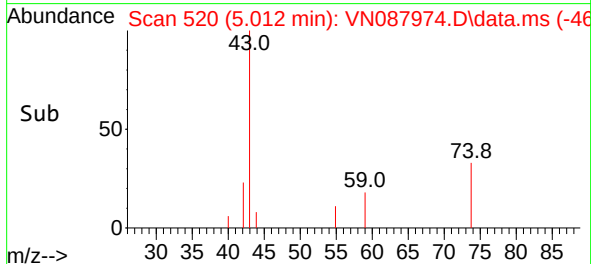
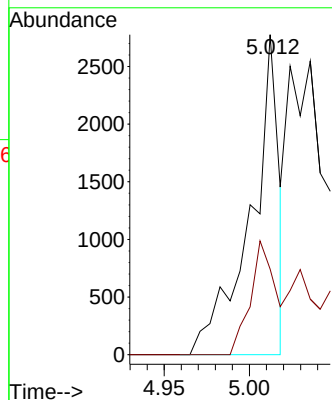
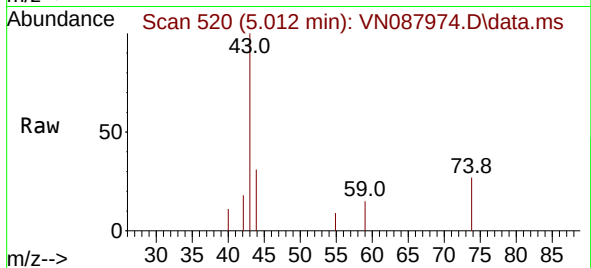
SU-ESM-COMP-02

Tgt Ion: 43 Resp: 3178

Ion Ratio Lower Upper

43 100

74 31.2 19.7 29.5#



#20

Methylene Chloride

Concen: 11.335 ug/l

RT: 5.271 min Scan# 564

Delta R.T. 0.006 min

Lab File: VN087974.D

Acq: 26 Sep 2025 17:55

Tgt Ion: 84 Resp: 32304

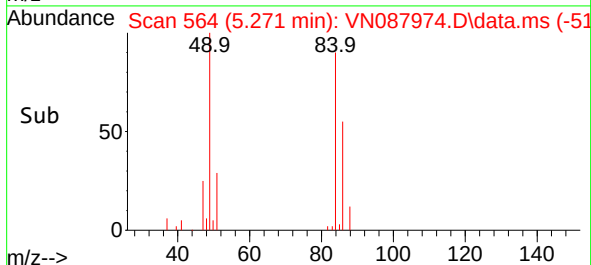
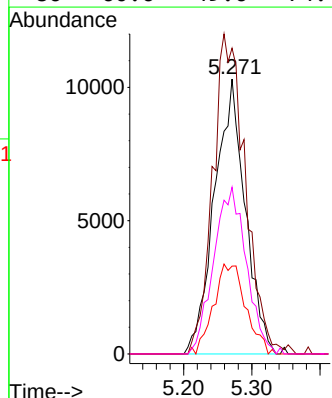
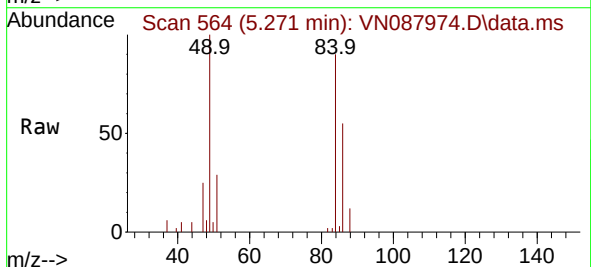
Ion Ratio Lower Upper

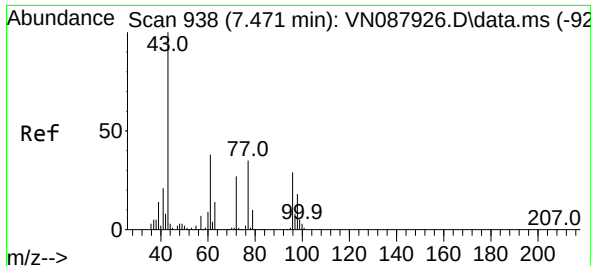
84 100

49 111.2 92.1 138.1

51 32.0 27.7 41.5

86 60.6 49.6 74.4

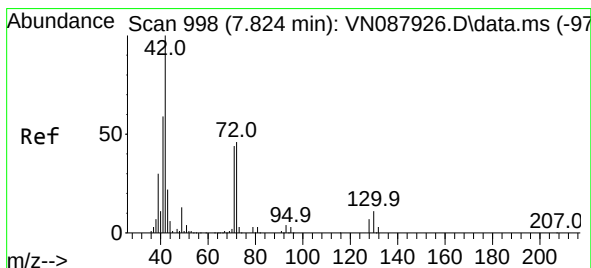
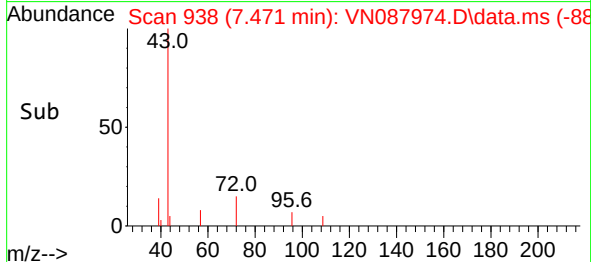
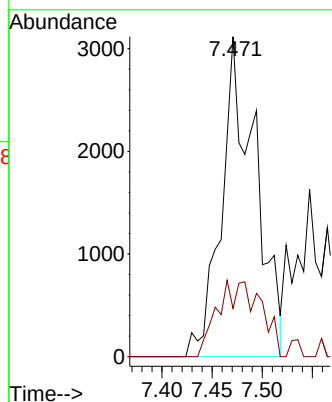
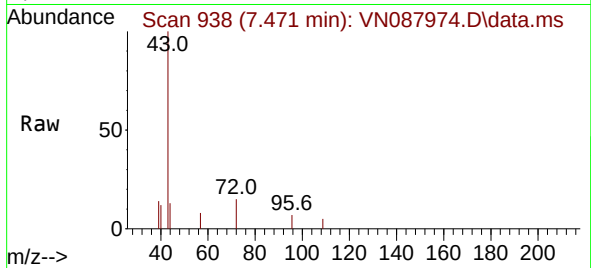




#25
2-Butanone
Concen: 3.401 ug/l
RT: 7.471 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

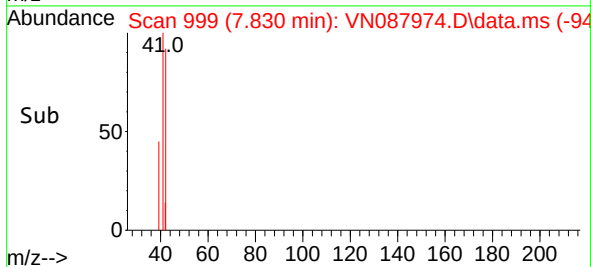
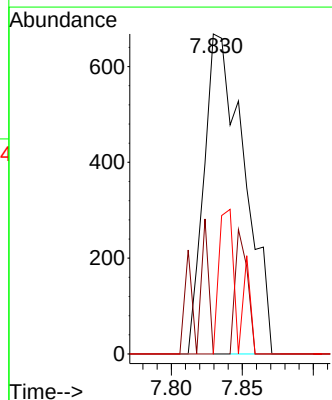
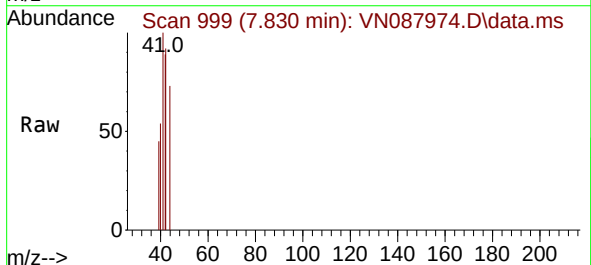
Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

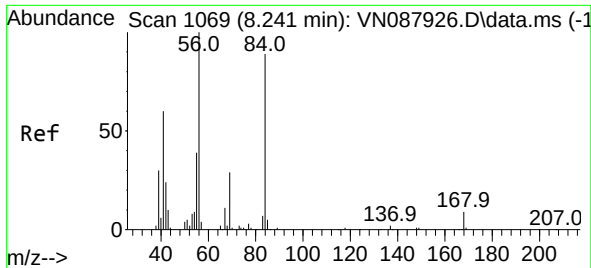
Tgt Ion: 43 Resp: 7319
Ion Ratio Lower Upper
43 100
72 15.1 21.5 32.3#



#29
Tetrahydrofuran
Concen: 0.948 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

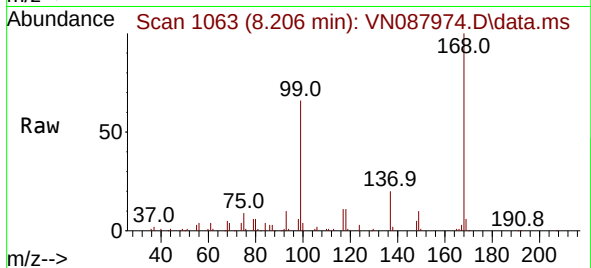
Tgt Ion: 42 Resp: 1307
Ion Ratio Lower Upper
42 100
72 11.9 36.5 54.7#
71 21.5 33.8 50.8#



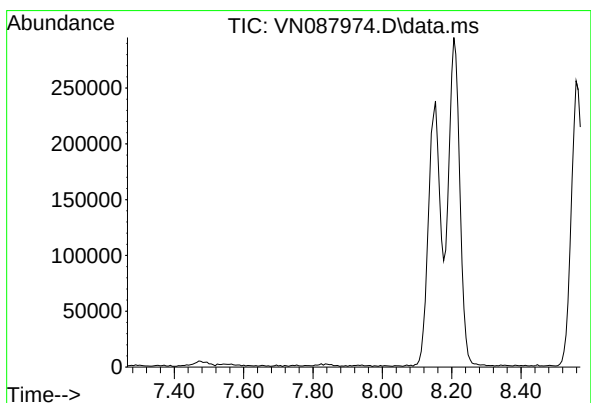
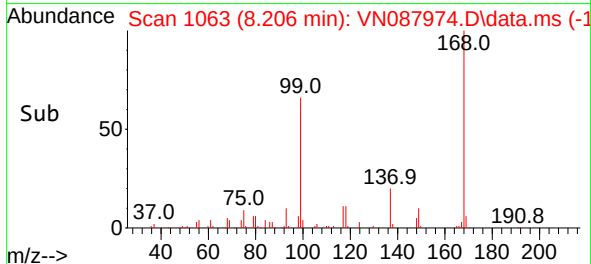
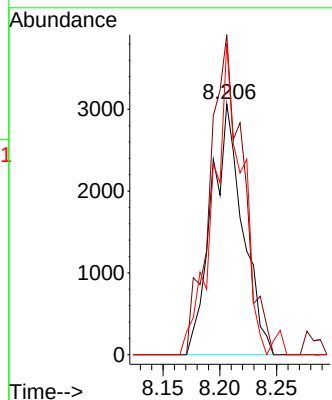


#31
Cyclohexane
Concen: 1.533 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.035 min
Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02



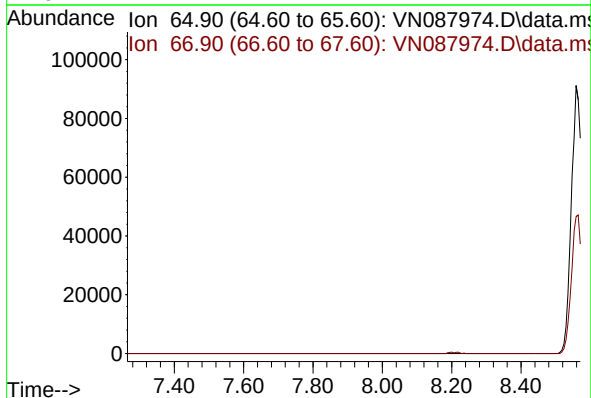
Tgt Ion: 56 Resp: 5884
Ion Ratio Lower Upper
56 100
69 127.6 23.4 35.0#
84 124.2 70.8 106.2#



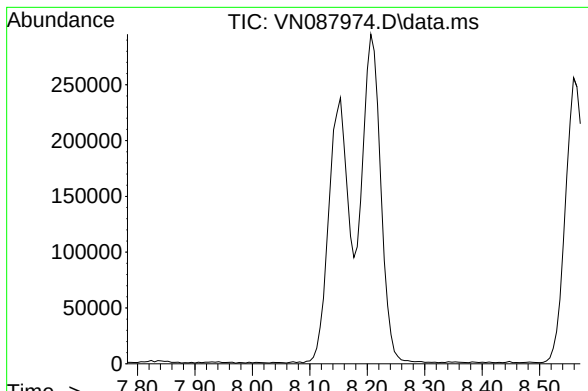
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.56 min

Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.7



Ion 66.90 (66.60 to 67.60): VN087974.D\data.ms



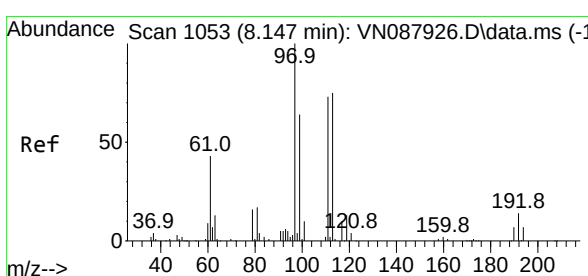
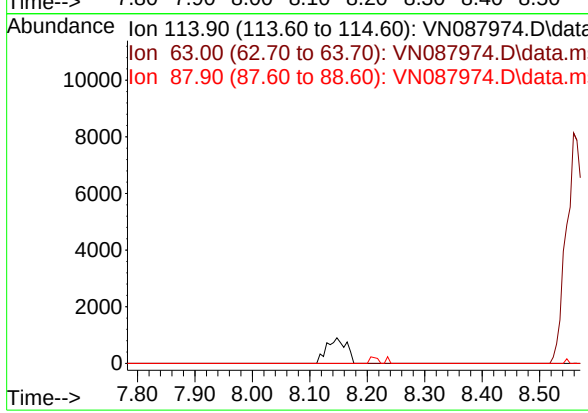
#34
1,4-Difluorobenzene
Concen: 0.000 ug/l
Expected RT: 9.08 min

Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Instrument : MSVOA_N
ClientSampleId : SU-ESM-COMP-02

Tgt Ion: 114

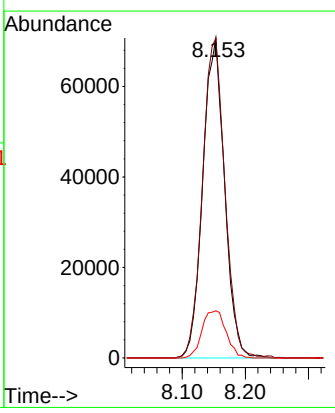
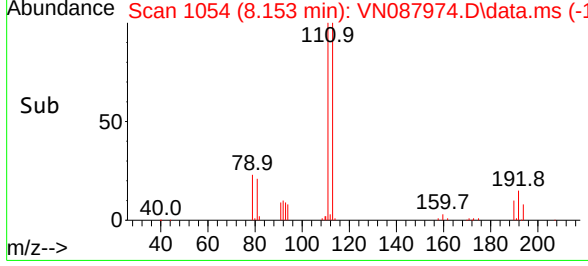
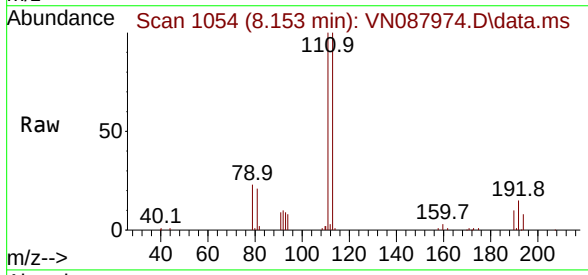
Sig	Exp Ratio
114	100
63	20.0
88	15.9

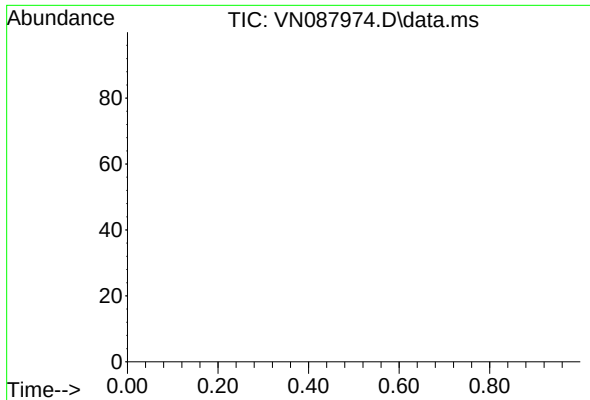


#35
Dibromofluoromethane
Concen: 0.000 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Tgt Ion: 113 Resp: 168904

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	16.4	14.2	21.2



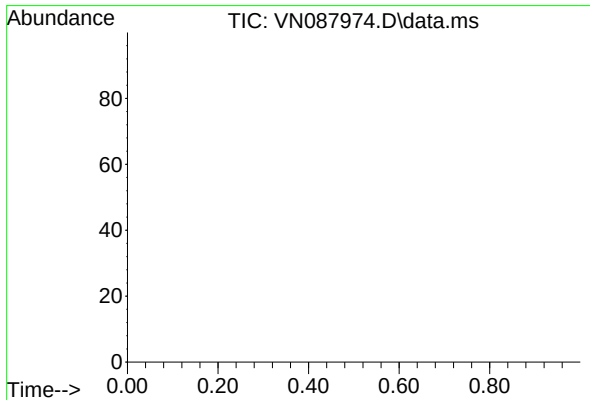
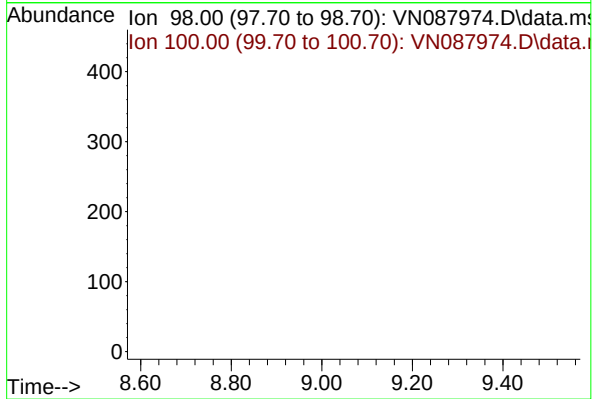


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.55 min

Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

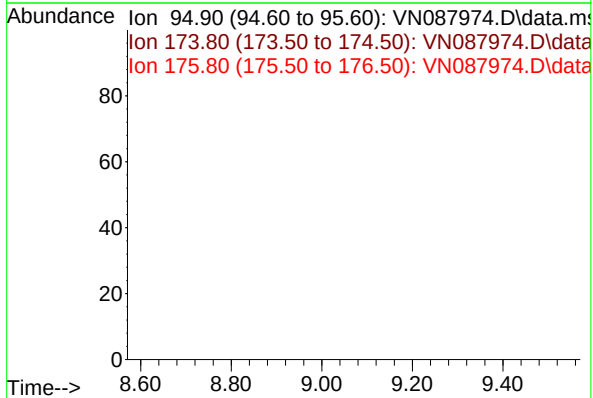
Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.6

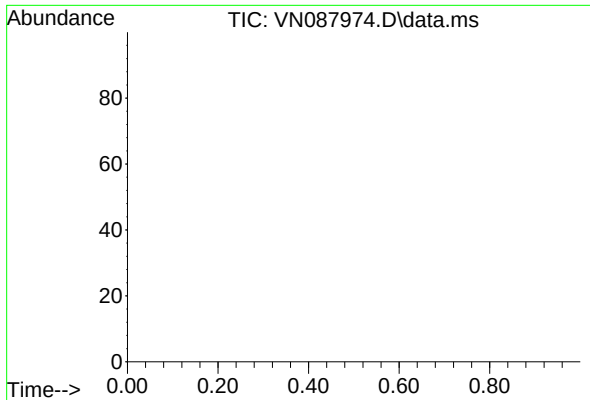


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.83 min

Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Tgt Ion: 95
Sig Exp Ratio
95 100
174 79.6
176 76.3



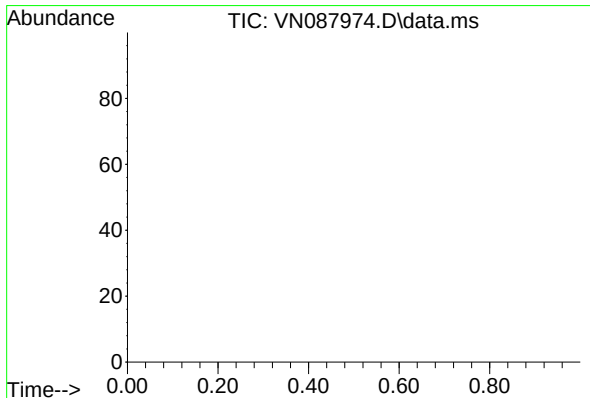
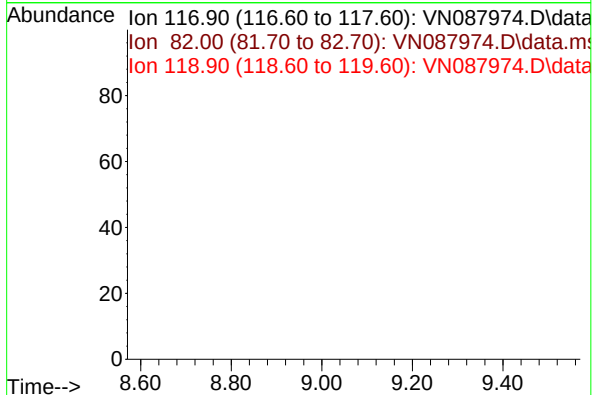


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.84 min

Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Instrument :
MSVOA_N
ClientSampleId :
SU-ESM-COMP-02

Tgt Ion: 117
Sig Exp Ratio
117 100
82 58.7
119 32.6



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.77 min

Lab File: VN087974.D
Acq: 26 Sep 2025 17:55

Tgt Ion: 152
Sig Exp Ratio
152 100
115 59.8
150 167.5

