

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073024\
 Data File : VN083085.D
 Acq On : 30 Jul 2024 22:19
 Operator : JC\MD
 Sample : P3376-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-7-TCLP VOC

Quant Time: Jul 31 07:55:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

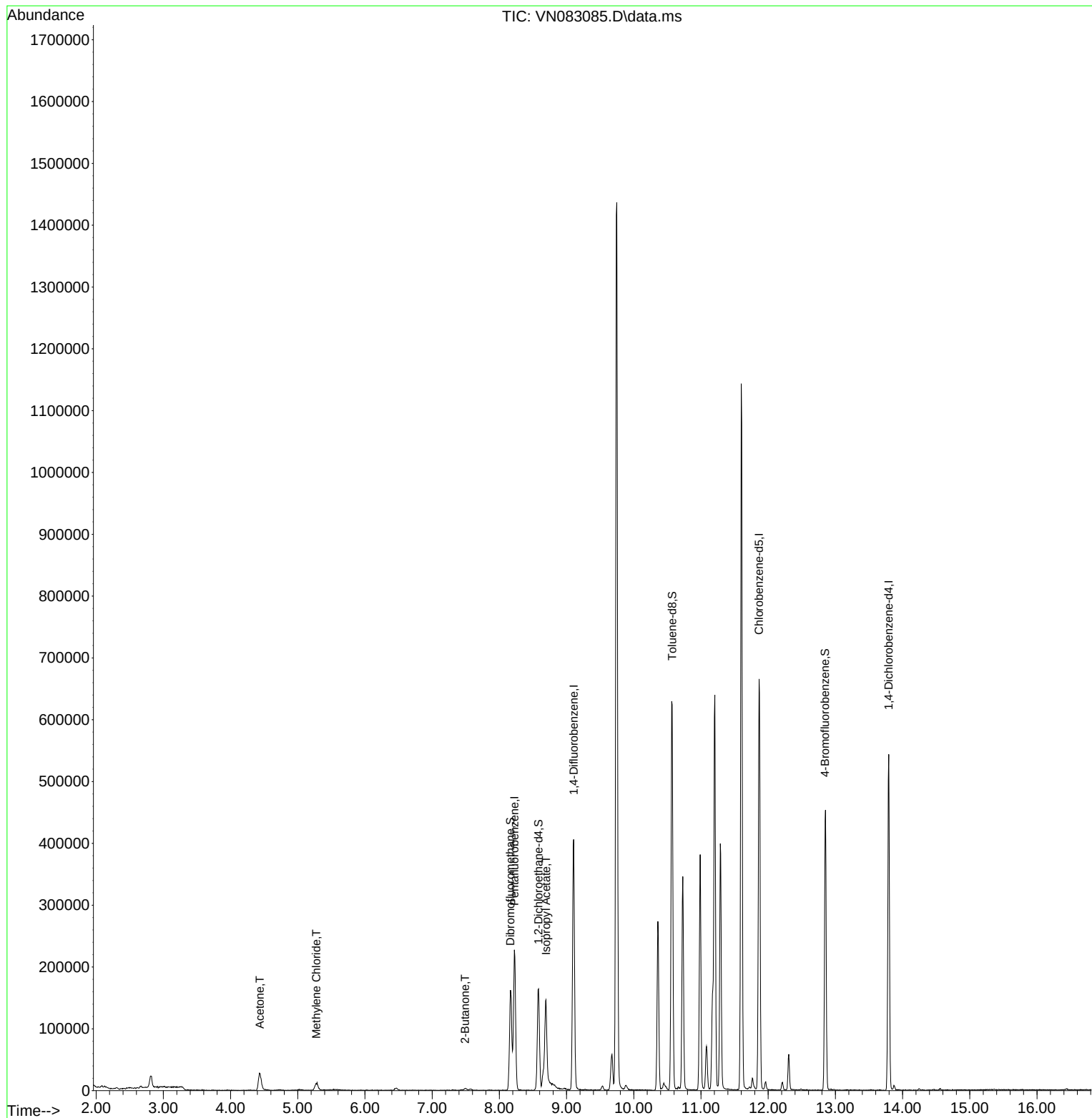
Internal Standards						
1) Pentafluorobenzene	8.224	168	151732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	324858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	375363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	134965	63.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.900%#	
35) Dibromofluoromethane	8.165	113	115361	55.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.680%	
50) Toluene-d8	10.570	98	423652	55.026	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.060%	
62) 4-Bromofluorobenzene	12.847	95	141483	51.158	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 102.320%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	53734	71.755	ug/l	93
20) Methylene Chloride	5.277	84	9234	5.106	ug/l #	89
25) 2-Butanone	7.488	43	5685	5.028	ug/l #	83
43) Isopropyl Acetate	8.694	43	186658	32.812	ug/l #	88

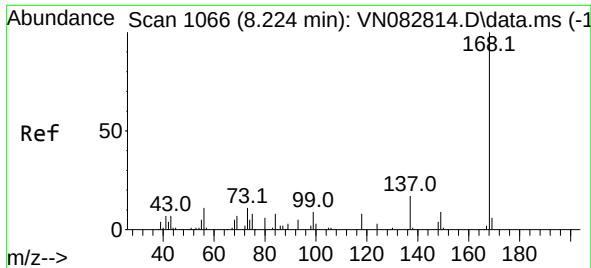
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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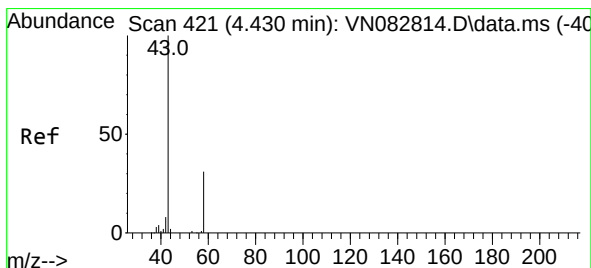
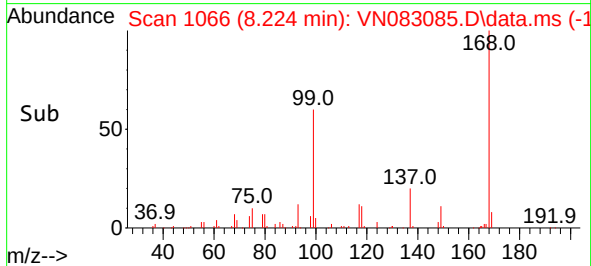
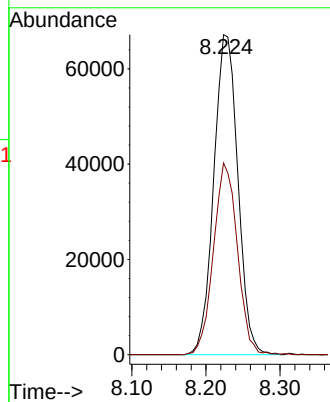
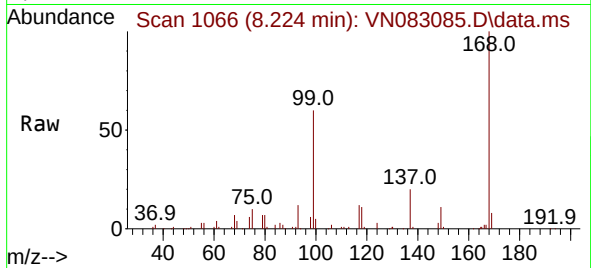




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

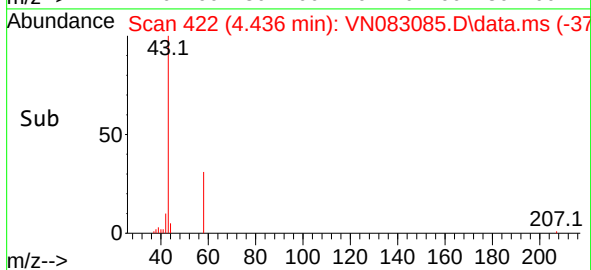
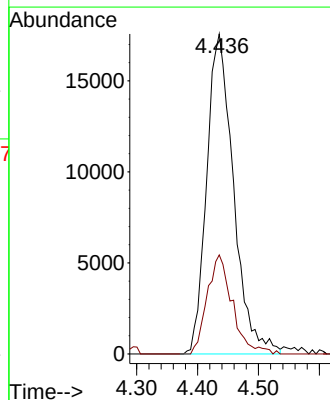
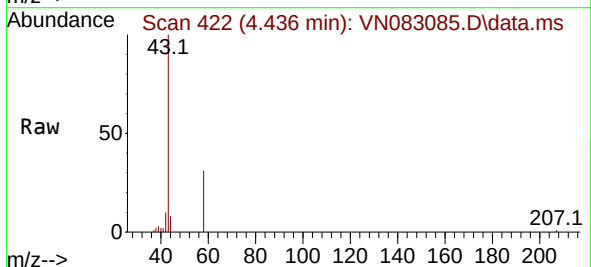
Instrument :
MSVOA_N
ClientSampleId :
WC-7-TCLP VOC

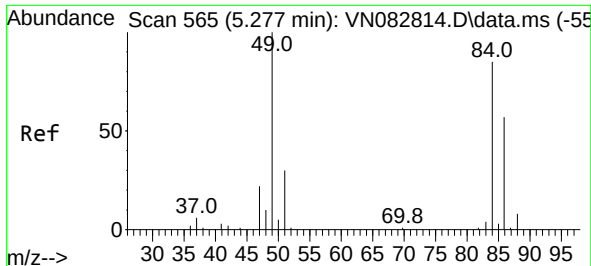
Tgt Ion:168 Resp: 151732
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#16
Acetone
Concen: 71.755 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

Tgt Ion: 43 Resp: 53734
Ion Ratio Lower Upper
43 100
58 31.0 21.8 32.6

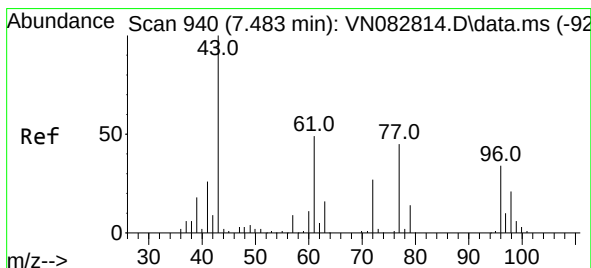
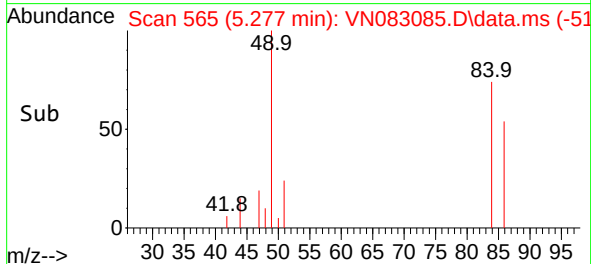
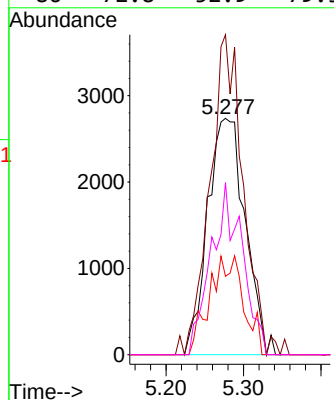
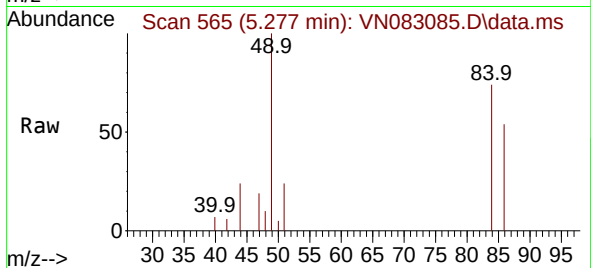




#20
Methylene Chloride
Concen: 5.106 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

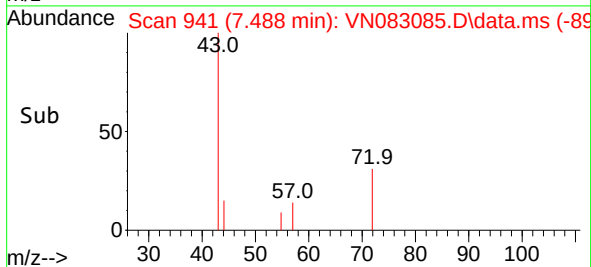
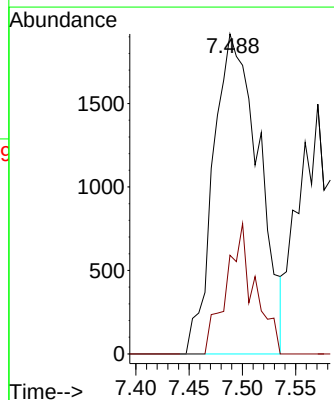
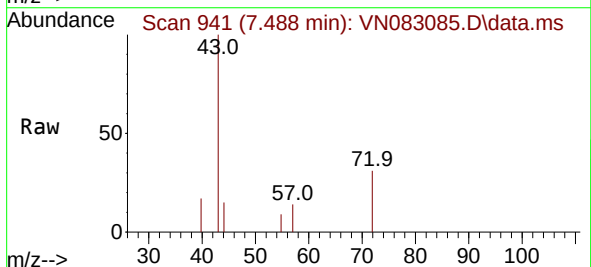
Instrument :
MSVOA_N
ClientSampleId :
WC-7-TCLP VOC

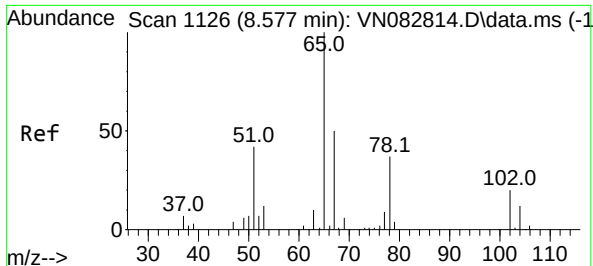
Tgt Ion: 84	Resp: 9234
Ion Ratio	Lower Upper
84 100	
49 135.4	119.6 179.4
51 33.2	34.8 52.2#
86 72.8	52.9 79.3



#25
2-Butanone
Concen: 5.028 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

Tgt Ion: 43	Resp: 5685		
Ion Ratio	Lower	Upper	
43 100			
72 30.8	18.2	27.2#	





#33

1,2-Dichloroethane-d4

Concen: 63.454 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083085.D

Acq: 30 Jul 2024 22:19

Instrument :

MSVOA_N

ClientSampleId :

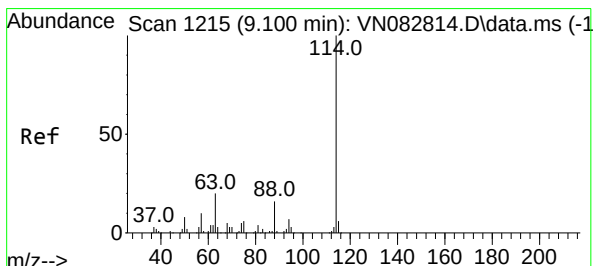
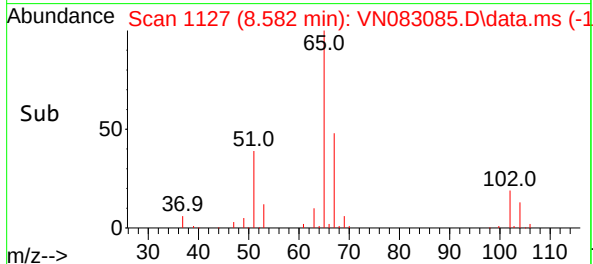
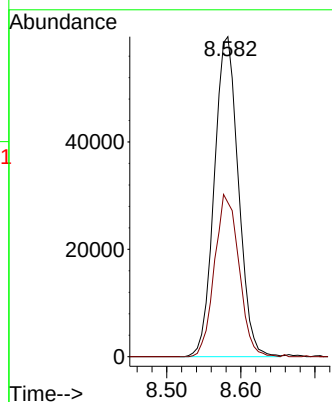
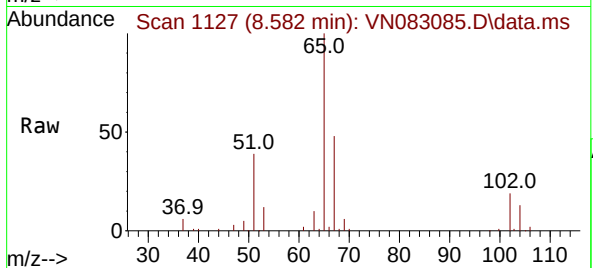
WC-7-TCLP VOC

Tgt Ion: 65 Resp: 134965

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN083085.D

Acq: 30 Jul 2024 22:19

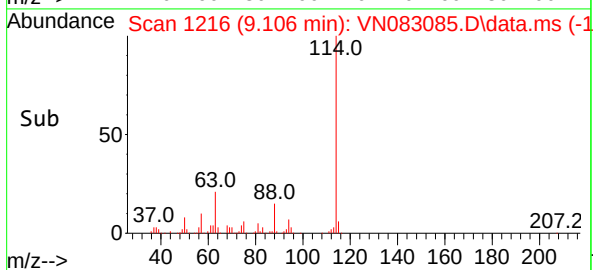
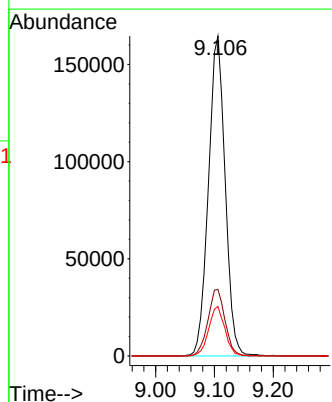
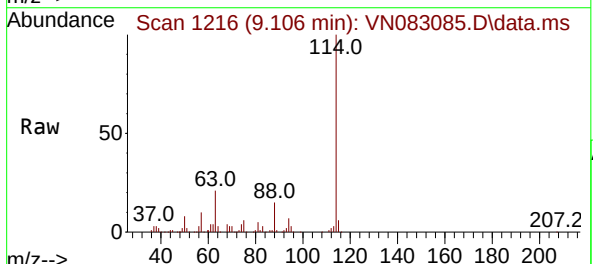
Tgt Ion: 114 Resp: 324858

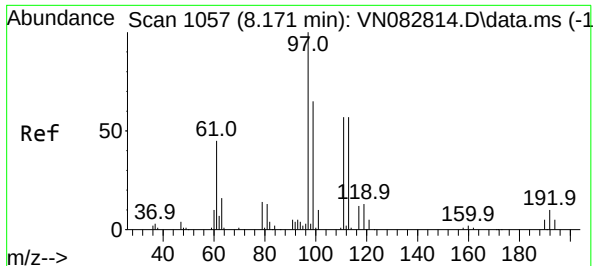
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.6

88 15.4 0.0 31.4

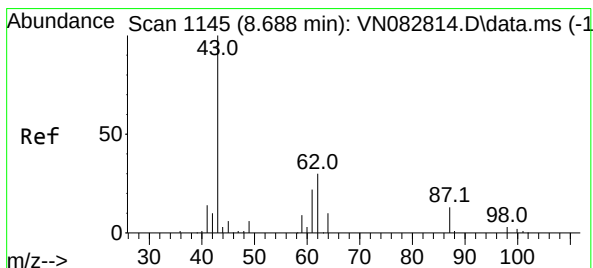
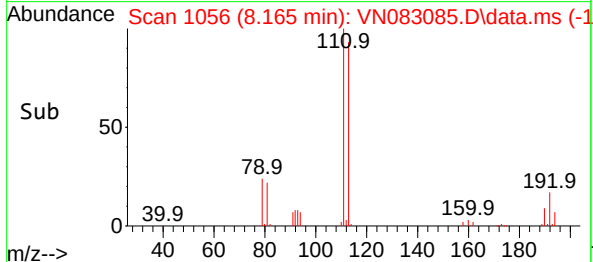
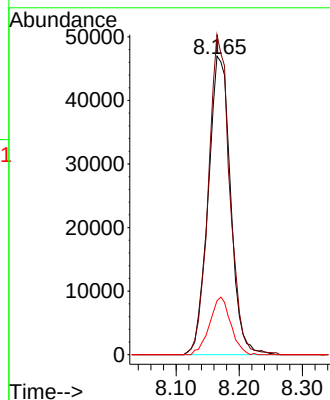
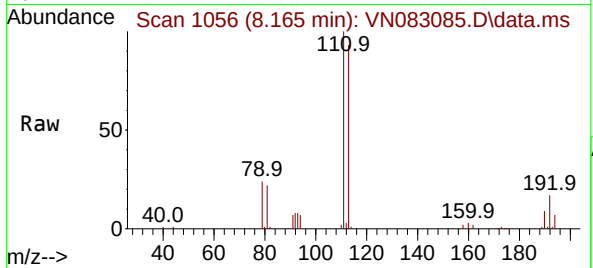




#35
Dibromofluoromethane
Concen: 55.341 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

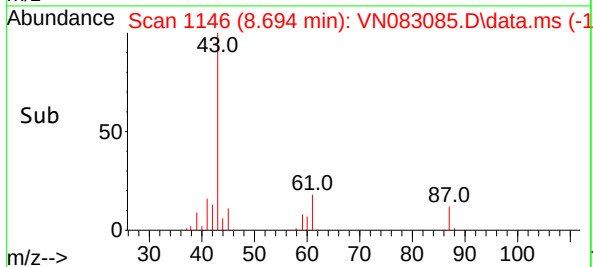
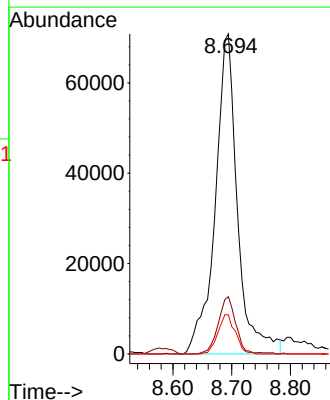
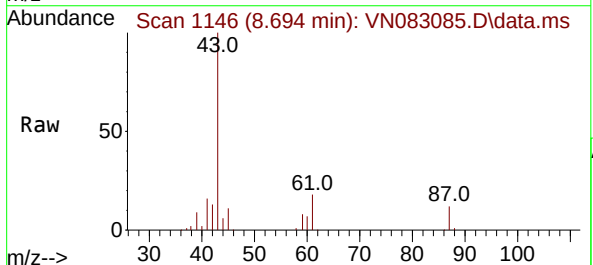
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WC-7-TCLP VOC

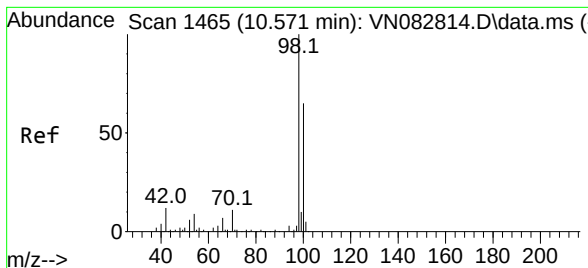
Tgt Ion:113 Resp: 115361
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 18.2 14.9 22.3



#43
Isopropyl Acetate
Concen: 32.812 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

Tgt Ion: 43 Resp: 186658
Ion Ratio Lower Upper
43 100
61 14.0 17.8 26.6#
87 9.6 8.2 12.2

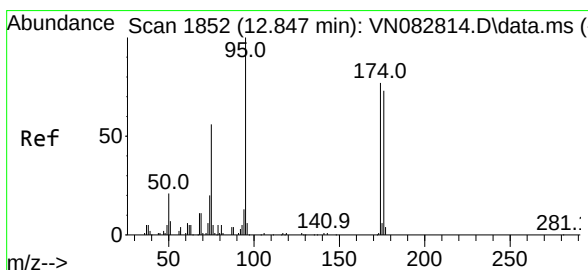
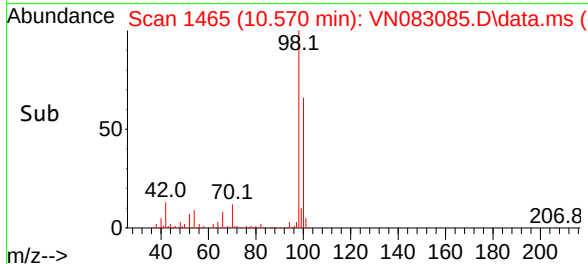
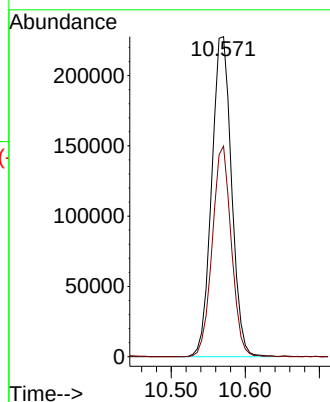
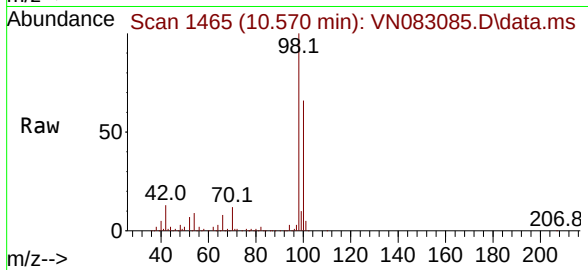




#50
Toluene-d8
Concen: 55.026 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

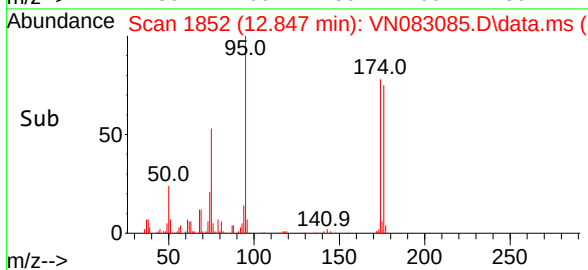
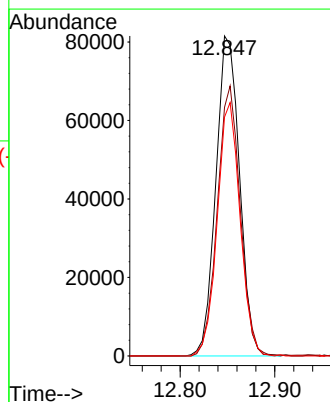
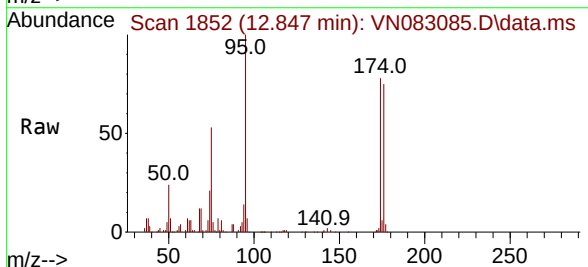
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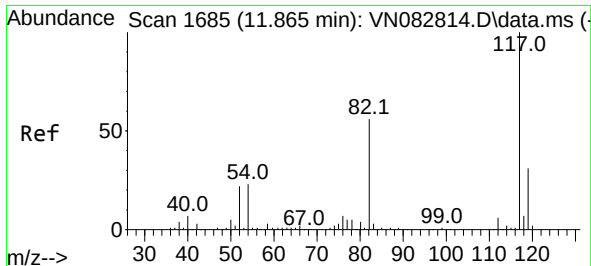
Tgt Ion: 98 Resp: 423652
Ion Ratio Lower Upper
98 100
100 63.2 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 51.158 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

Tgt Ion: 95 Resp: 141483
Ion Ratio Lower Upper
95 100
174 82.1 0.0 159.2
176 76.5 0.0 147.6

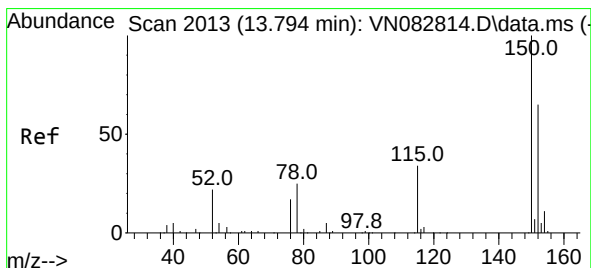
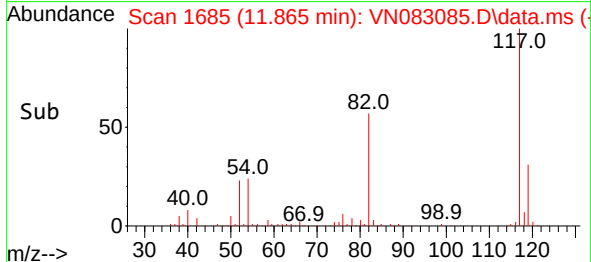
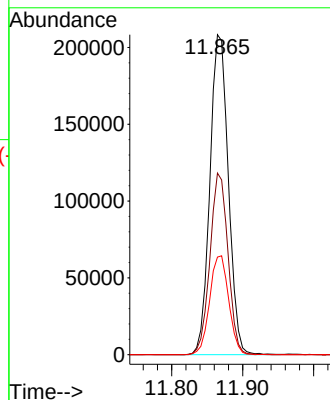
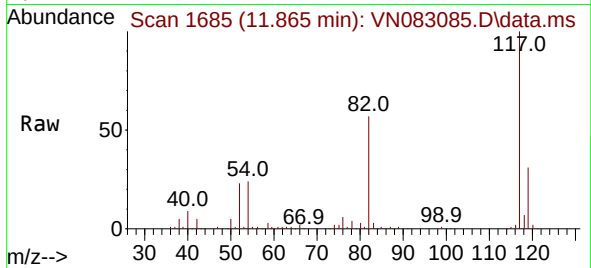




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

Instrument :
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WC-7-TCLP VOC

Tgt Ion:117 Resp: 375363
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 30.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083085.D
Acq: 30 Jul 2024 22:19

Tgt Ion:152 Resp: 137358
Ion Ratio Lower Upper
152 100
115 60.6 30.6 91.6
150 159.3 0.0 348.6

