

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082024\
 Data File : VN083405.D
 Acq On : 20 Aug 2024 17:16
 Operator : JC\MD
 Sample : P3580-04ME
 Misc : 5.03g/10 mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224

Quant Time: Aug 21 08:21:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

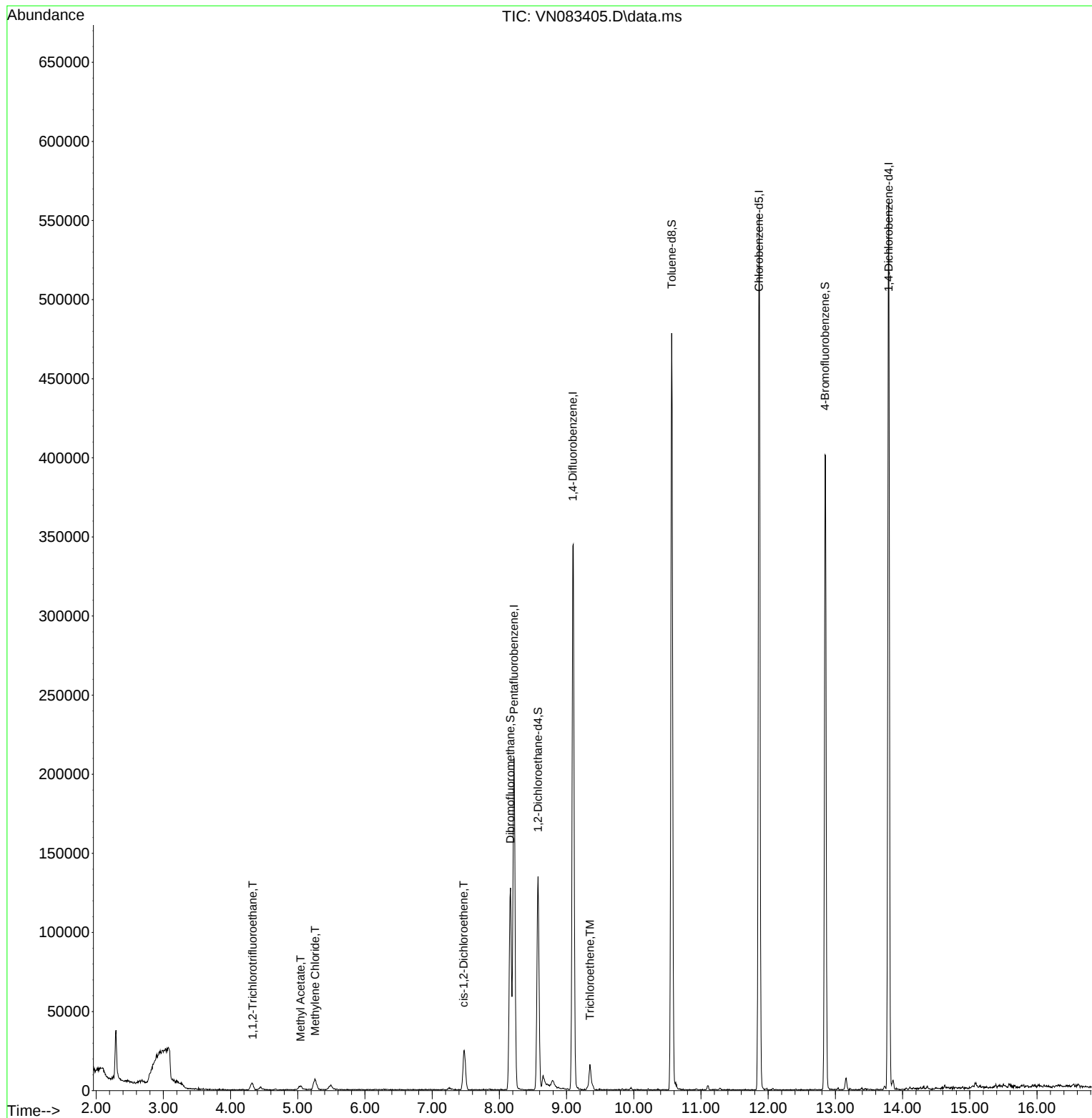
Internal Standards						
1) Pentafluorobenzene	8.218	168	144368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	290817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	309006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110877	53.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	8.165	113	87990	48.474	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.940%	
50) Toluene-d8	10.565	98	325427	48.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.120%	
62) 4-Bromofluorobenzene	12.847	95	145347	55.060	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.120%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.330	101	3487	2.239	ug/l #	71
18) Methyl Acetate	5.042	43	6114	2.552	ug/l #	84
20) Methylene Chloride	5.259	84	5405	2.921	ug/l #	80
27) cis-1,2-Dichloroethene	7.471	96	14841	7.436	ug/l	84
44) Trichloroethene	9.347	130	5442	2.795	ug/l	100

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

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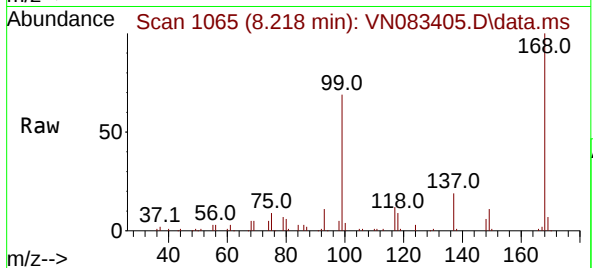
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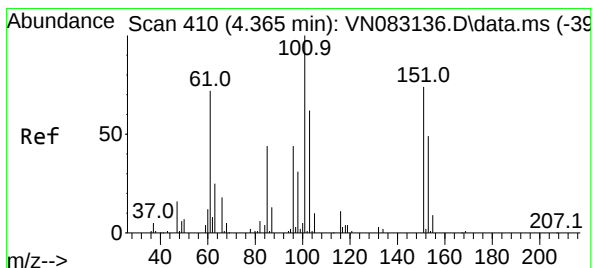
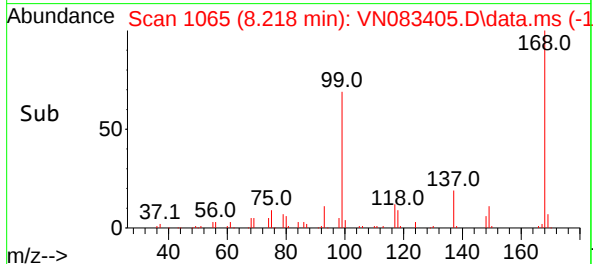
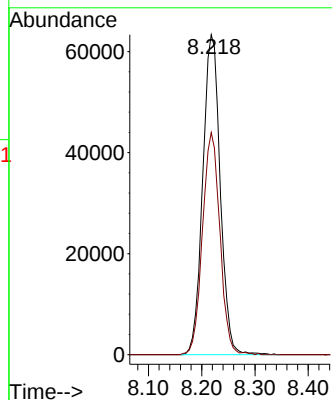


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1066
Delta R.T. -0.006 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

Instrument :
MSVOA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

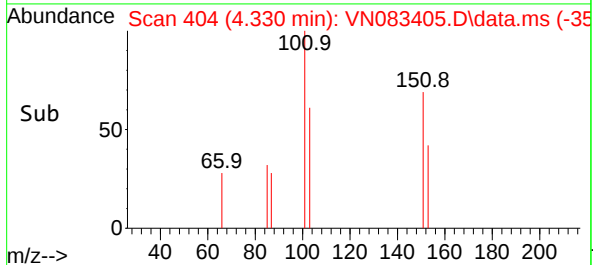
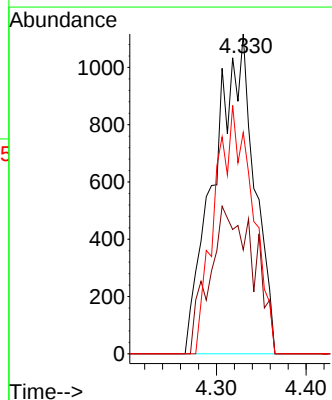
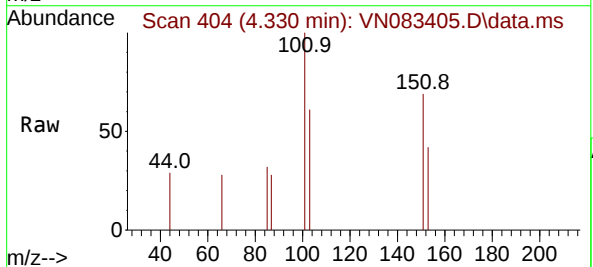


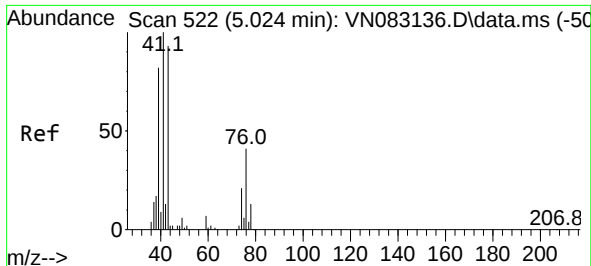
Tgt Ion:168 Resp: 144368
Ion Ratio Lower Upper
168 100
99 69.4 48.2 72.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.239 ug/l
RT: 4.330 min Scan# 404
Delta R.T. -0.035 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

Tgt Ion:101 Resp: 3487
Ion Ratio Lower Upper
101 100
85 0.0 38.3 57.5#
151 72.5 59.3 88.9

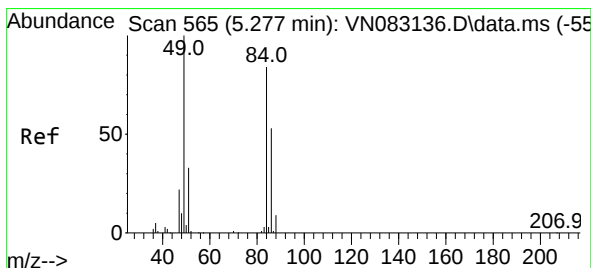
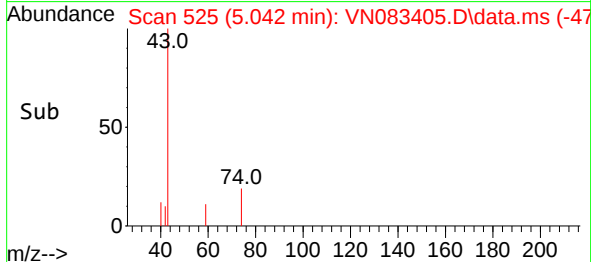
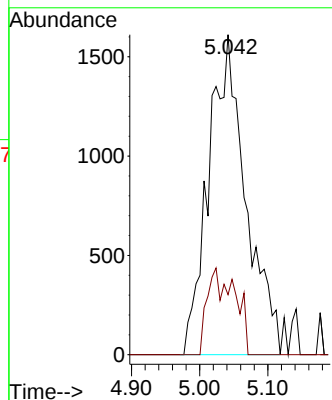
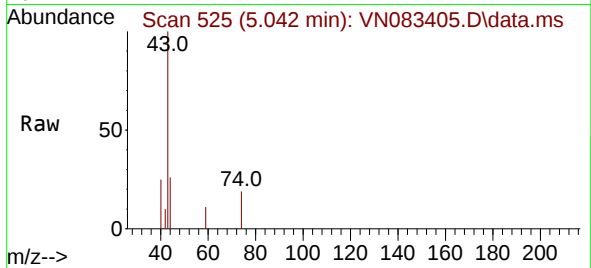




#18
Methyl Acetate
Concen: 2.552 ug/l
RT: 5.042 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

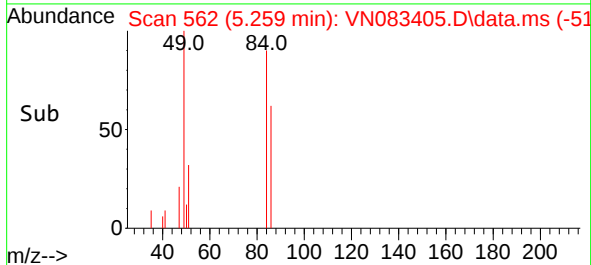
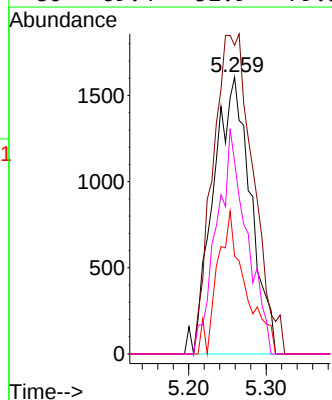
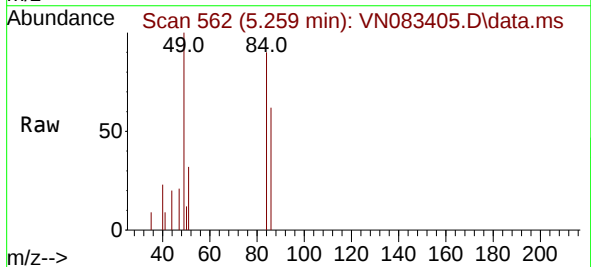
Instrument :
MSVOA_N
ClientSampleId :
925-K1-SD-0.5-1-081224

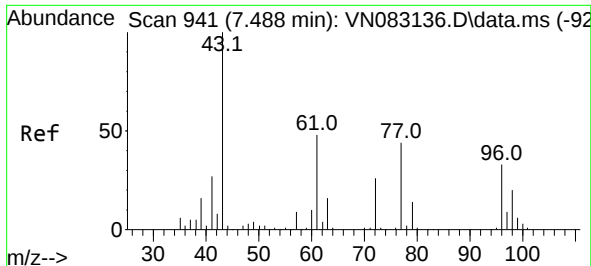
Tgt Ion: 43 Resp: 6114
Ion Ratio Lower Upper
43 100
74 13.2 16.3 24.5#



#20
Methylene Chloride
Concen: 2.921 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

Tgt Ion: 84 Resp: 5405
Ion Ratio Lower Upper
84 100
49 111.5 119.6 179.4#
51 35.4 34.8 52.2
86 69.4 52.9 79.3

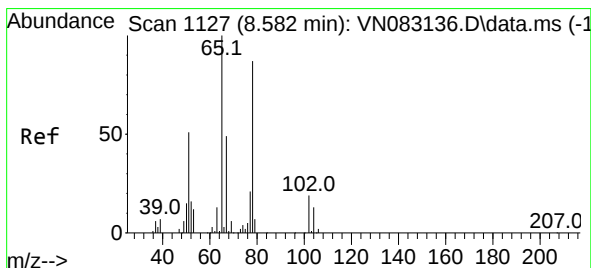
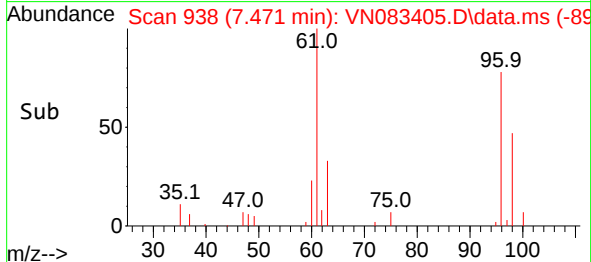
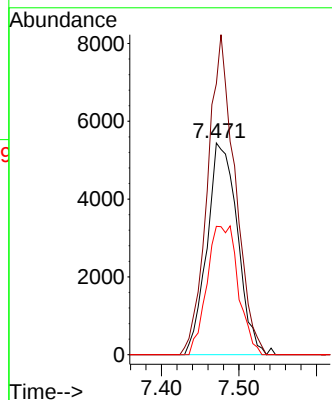
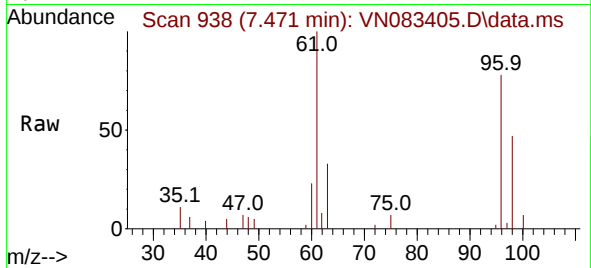




#27
 cis-1,2-Dichloroethene
 Concen: 7.436 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.018 min
 Lab File: VN083405.D
 Acq: 20 Aug 2024 17:16

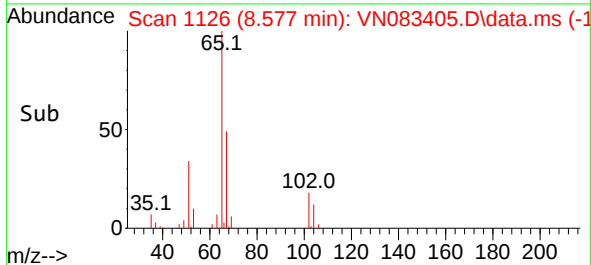
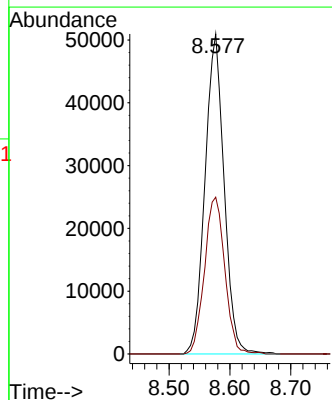
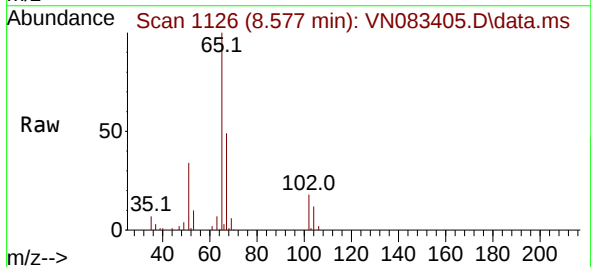
Instrument :
 MSVOA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224

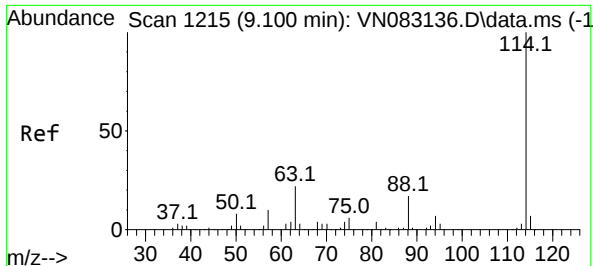
Tgt Ion: 96 Resp: 14841
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 329.6
 98 62.4 0.0 128.6



#33
 1,2-Dichloroethane-d4
 Concen: 53.957 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.005 min
 Lab File: VN083405.D
 Acq: 20 Aug 2024 17:16

Tgt Ion: 65 Resp: 110877
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083405.D

Acq: 20 Aug 2024 17:16

Instrument :

MSVOA_N

ClientSampleId :

925-K1-SD-0.5-1-081224

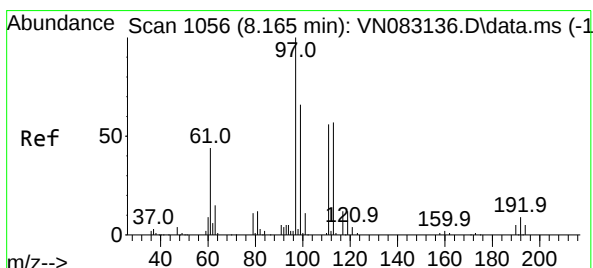
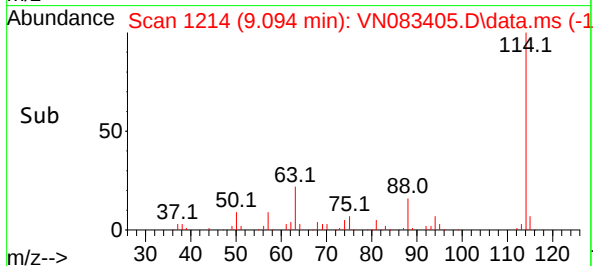
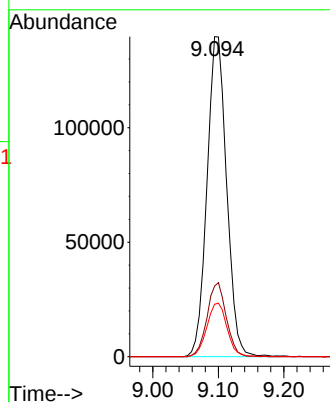
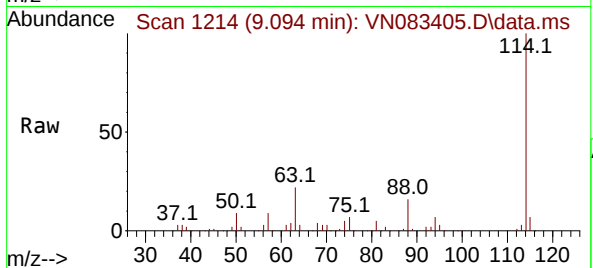
Tgt Ion:114 Resp: 290817

Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.6

88 16.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.474 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083405.D

Acq: 20 Aug 2024 17:16

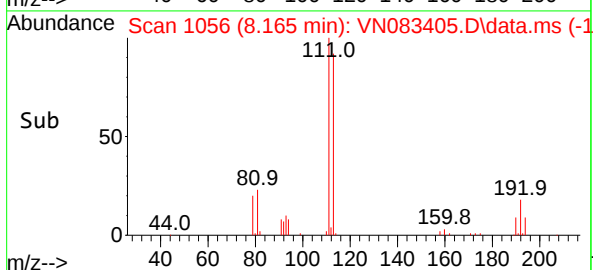
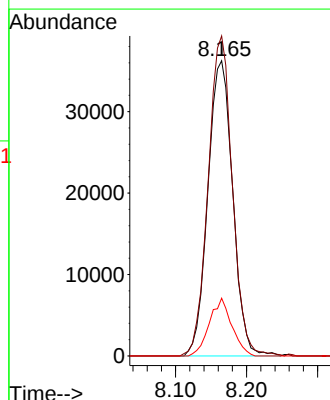
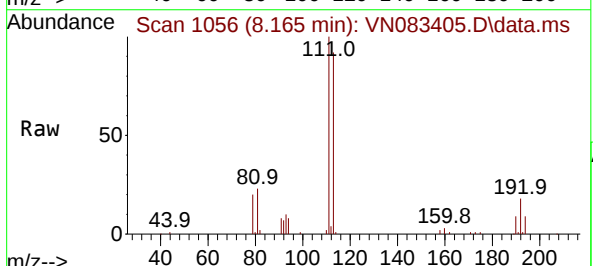
Tgt Ion:113 Resp: 87990

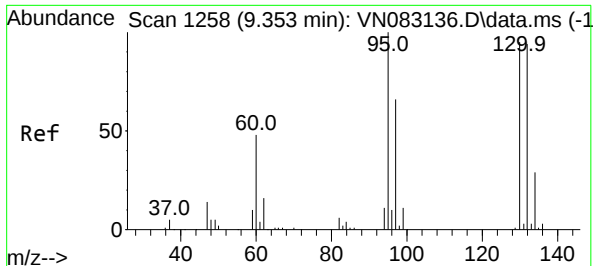
Ion Ratio Lower Upper

113 100

111 105.4 82.4 123.6

192 17.7 14.9 22.3

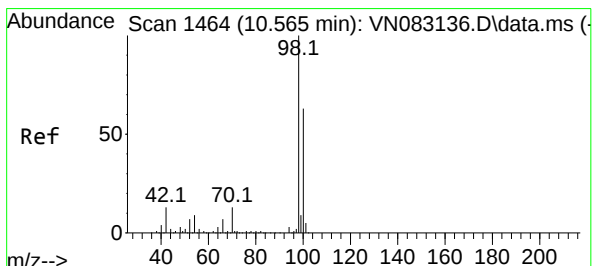
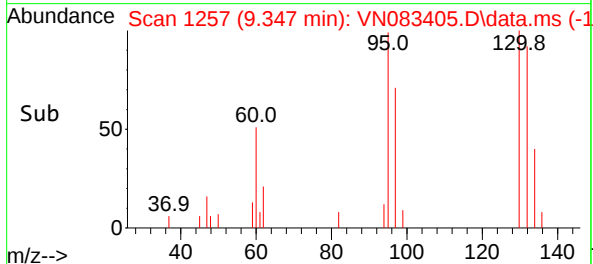
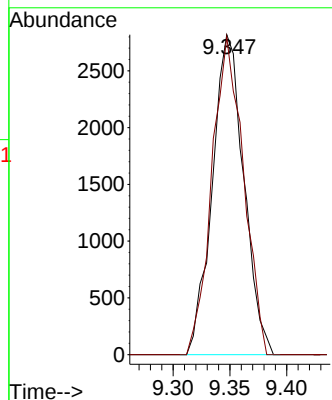
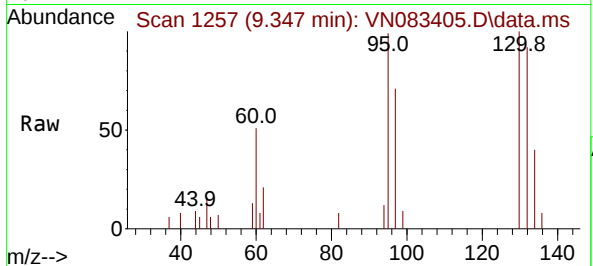




#44
Trichloroethene
Concen: 2.795 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

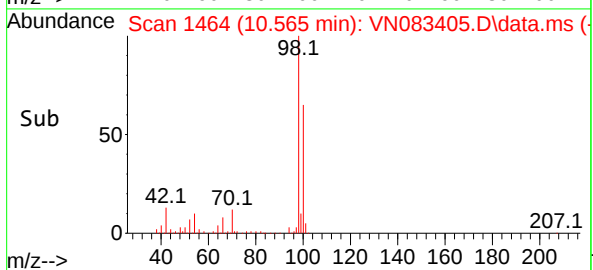
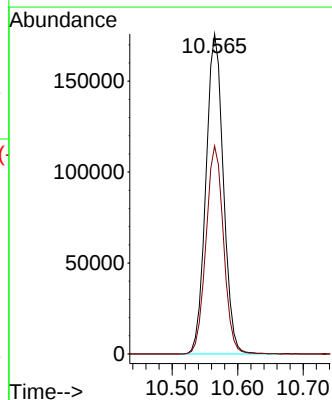
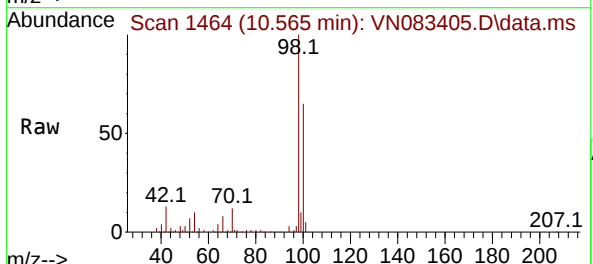
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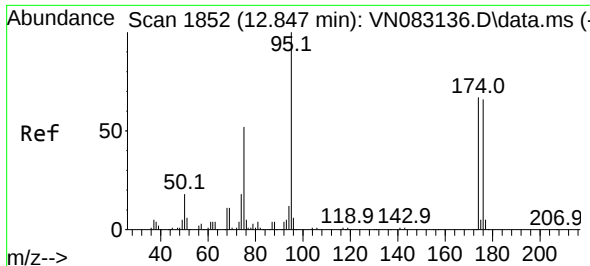
Tgt Ion:130 Resp: 5442
Ion Ratio Lower Upper
130 100
95 99.3 0.0 197.8



#50
Toluene-d8
Concen: 48.060 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

Tgt Ion: 98 Resp: 325427
Ion Ratio Lower Upper
98 100
100 65.2 51.5 77.3

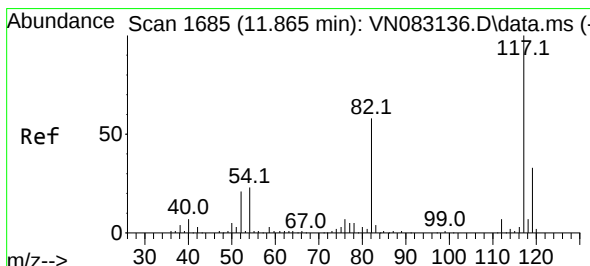
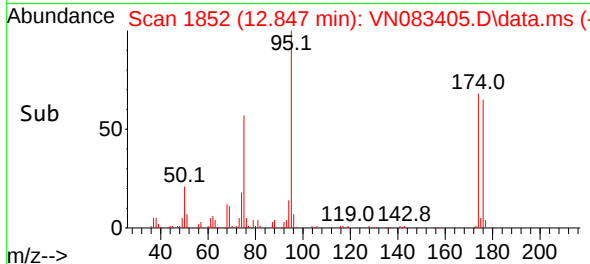
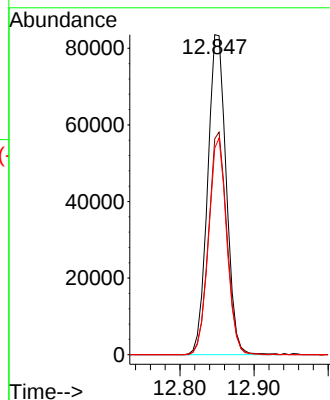
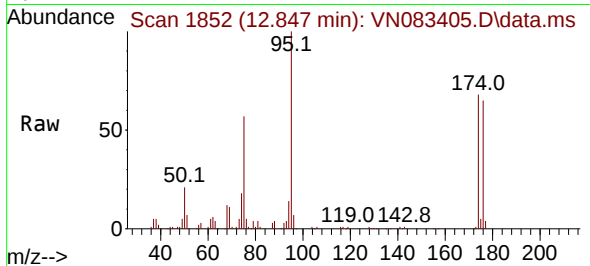




#62
4-Bromofluorobenzene
Concen: 55.060 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

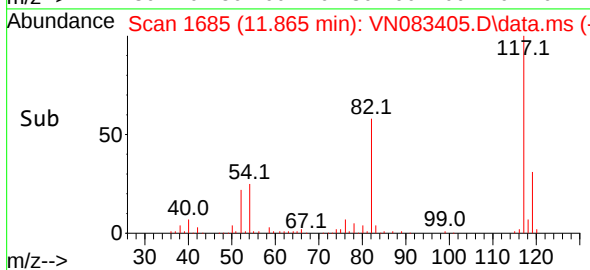
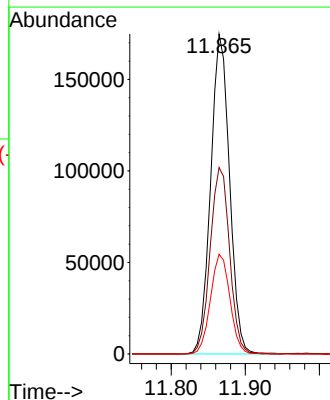
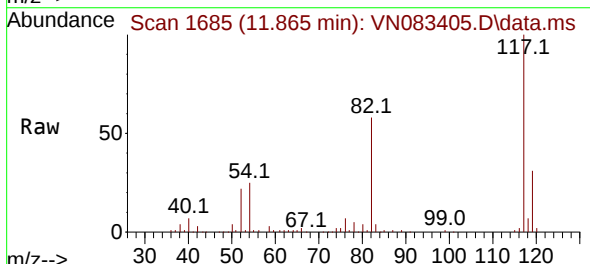
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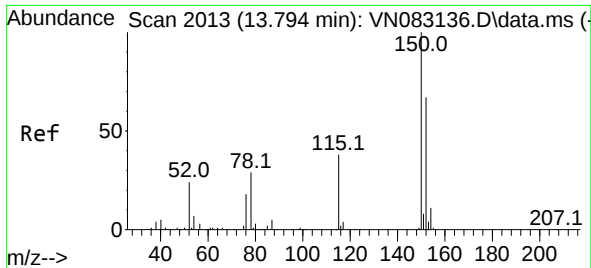
Tgt Ion: 95 Resp: 145347
Ion Ratio Lower Upper
95 100
174 68.5 0.0 159.2
176 66.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083405.D
Acq: 20 Aug 2024 17:16

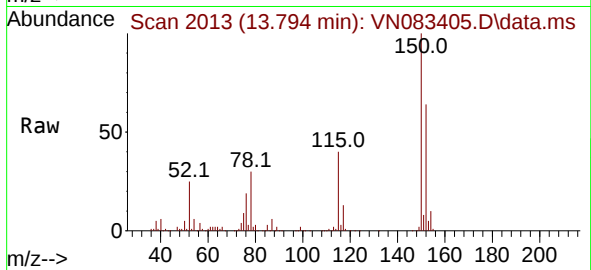
Tgt Ion: 117 Resp: 309006
Ion Ratio Lower Upper
117 100
82 58.2 47.5 71.3
119 31.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083405.D
 Acq: 20 Aug 2024 17:16

Instrument :
 MSVOA_N
 ClientSampleId :
 925-K1-SD-0.5-1-081224



Tgt Ion:152 Resp: 142844
 Ion Ratio Lower Upper
 152 100
 115 64.0 30.6 91.6
 150 158.5 0.0 348.6

