Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
Data File : VN084139.D
Acq On : 24 Sep 2024 17:07
Operator : JC\MD
Sample : P4116-15
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Quant Time: Sep 25 01:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	147645	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116605	52.377	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.760%			
35) Dibromofluoromethane	8.165	113	85583	52.073	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.140%			
50) Toluene-d8	10.565	98	316974	55.788	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.580%			
62) 4-Bromofluorobenzene	12.847	95	107851	46.009	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	358	0.209	ug/l #	26
3) Chloromethane	2.359	50	688	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.377	101	260068	153.800	ug/l	99
12) 1,1-Dichloroethene	4.353	96	1066	0.668	ug/l #	43
16) Acetone	4.442	43	904	1.013	ug/l #	45
27) cis-1,2-Dichloroethene	7.488	96	2804	1.380	ug/l	85
31) Cyclohexane	8.224	56	3832	1.191	ug/l #	31
36) 1,1-Dichloropropene	8.224	75	13772	5.567	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17568	6.260	ug/l #	16
39) Methylcyclohexane	9.353	83	1718	0.610	ug/l #	1
43) Isopropyl Acetate	8.677	43	1286	0.316	ug/l #	57
44) Trichloroethene	9.353	130	125842	72.986	ug/l	95
51) 4-Methyl-2-Pentanone	10.571	43	1296	0.585	ug/l #	1
60) Dibromochloromethane	11.100	129	17678	9.290	ug/l #	10
64) Tetrachloroethene	11.106	164	17221	11.652	ug/l	95
71) Bromoform	12.841	173	521	0.452	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60063	32.972	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60063	86.356	ug/l #	9

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

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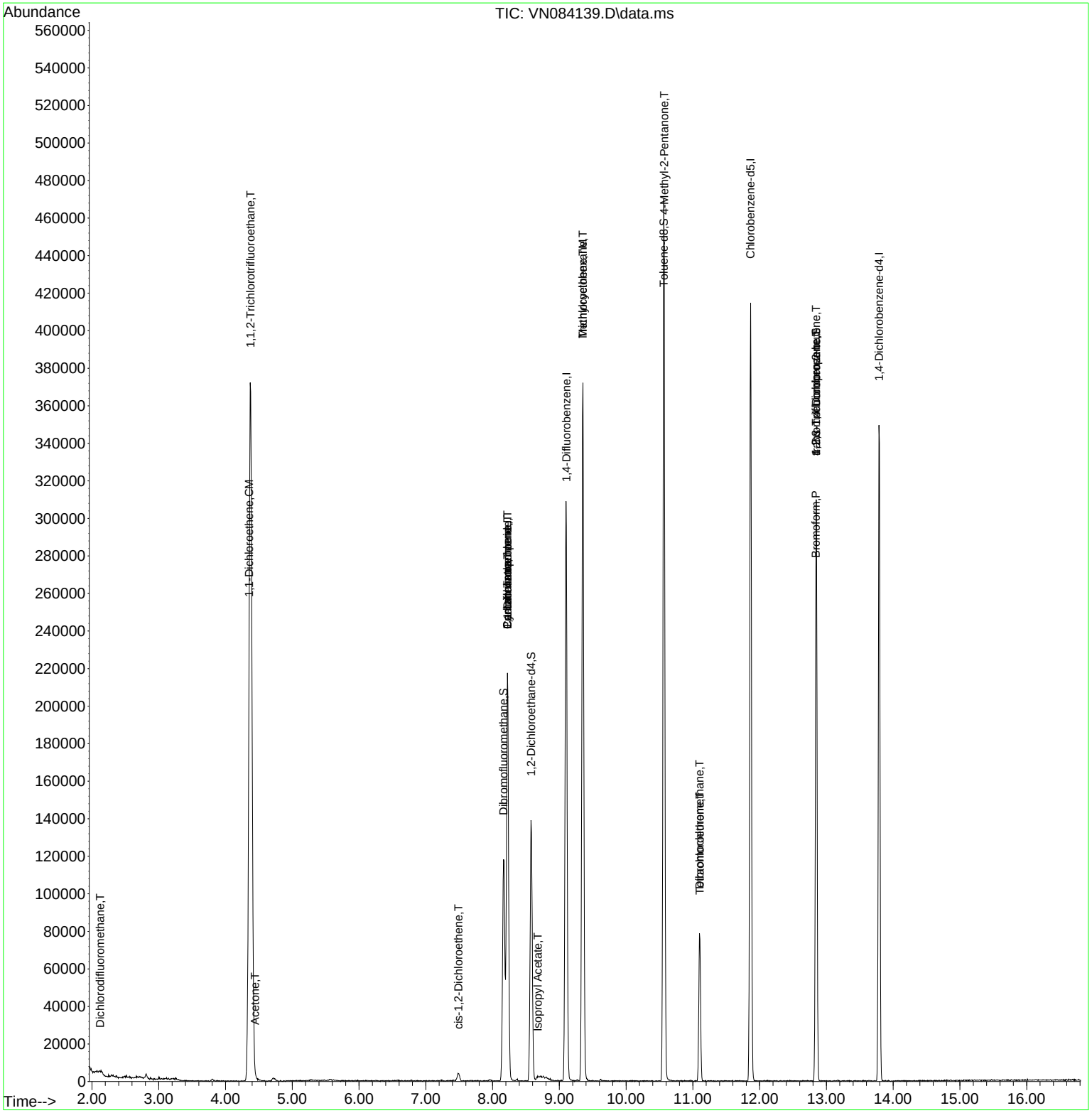
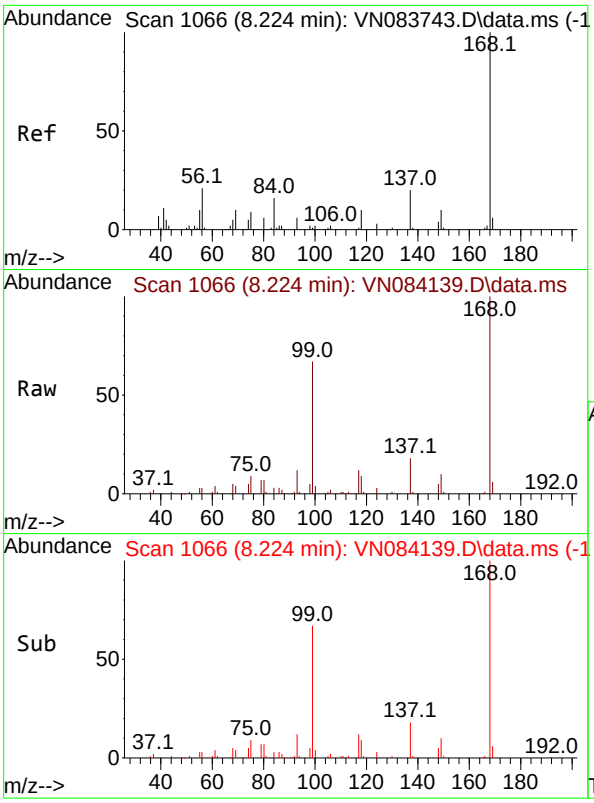
Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Quant Time: Sep 25 01:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



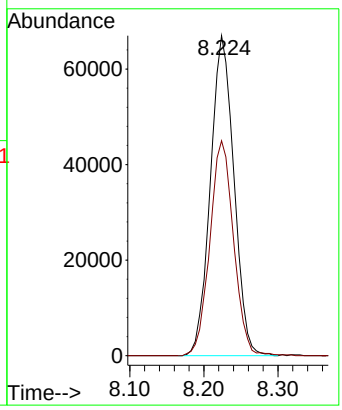


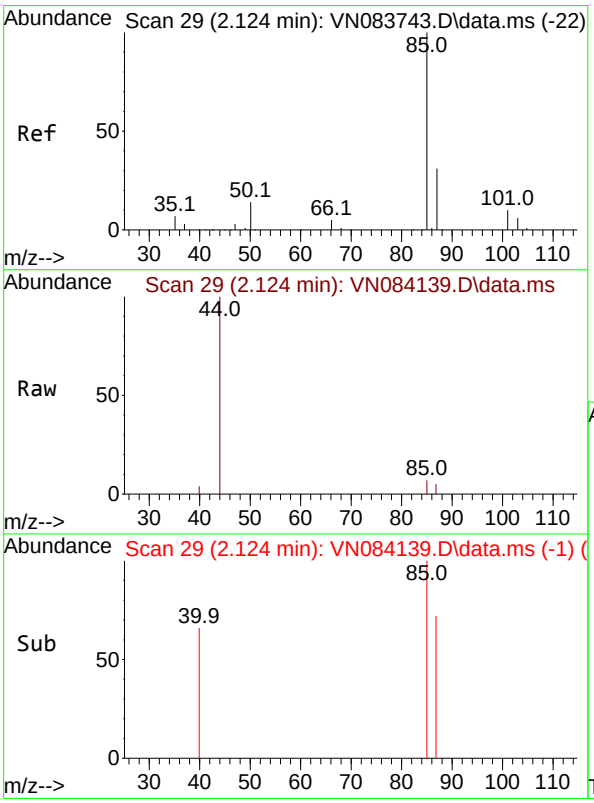
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:168 Resp: 147645

Ion	Ratio	Lower	Upper
168	100		
99	67.2	54.2	81.2

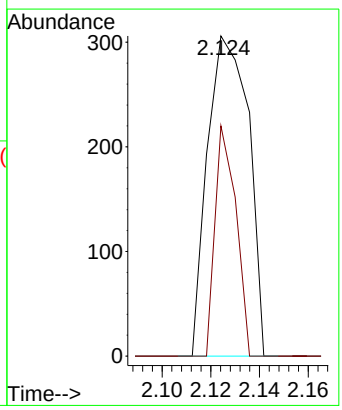


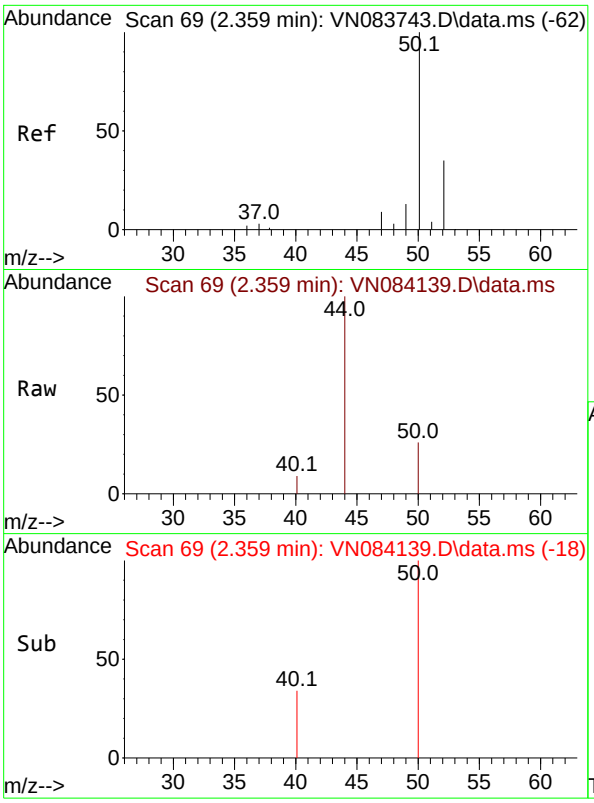


#2
Dichlorodifluoromethane
Concen: 0.209 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 85 Resp: 358

Ion	Ratio	Lower	Upper
85	100		
87	71.9	15.7	47.0#



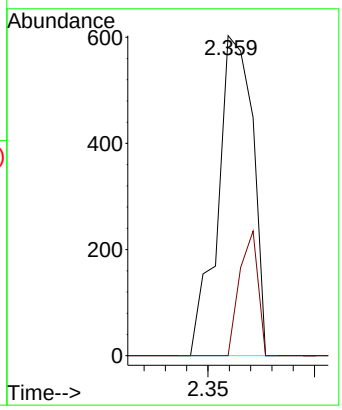


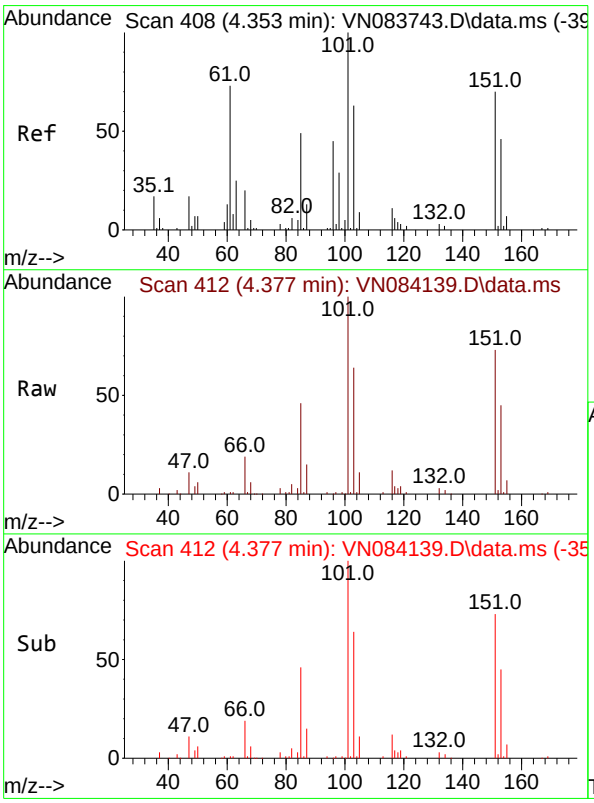
#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 6
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion: 50 Resp: 688

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.2	40.8#

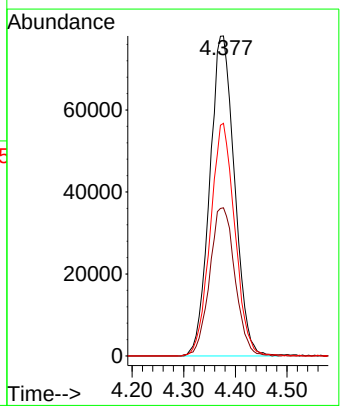


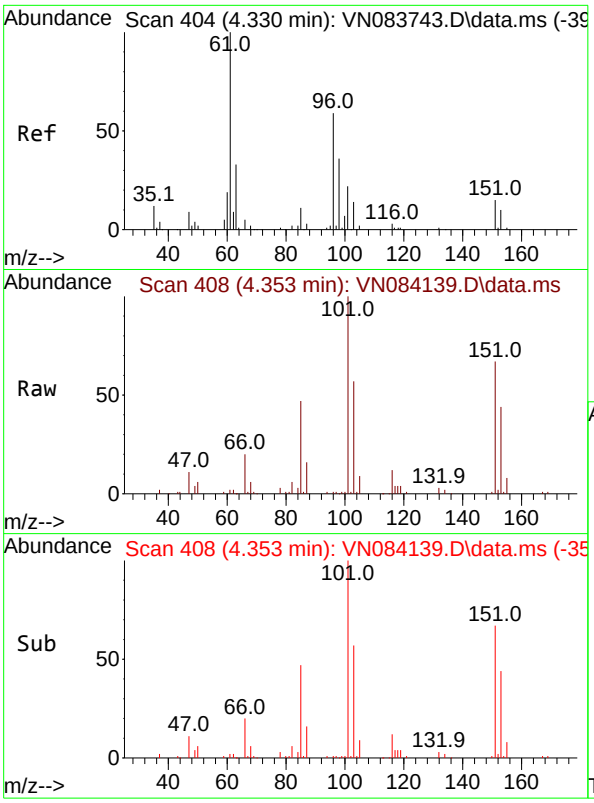


#9
1,1,2-Trichlorotrifluoroethane
Concen: 153.800 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.024 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion:101 Resp: 260068

Ion	Ratio	Lower	Upper
101	100		
85	47.3	36.2	54.4
151	72.0	57.7	86.5



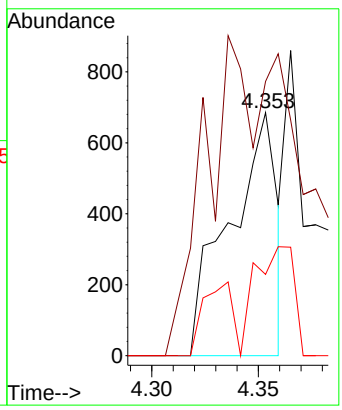


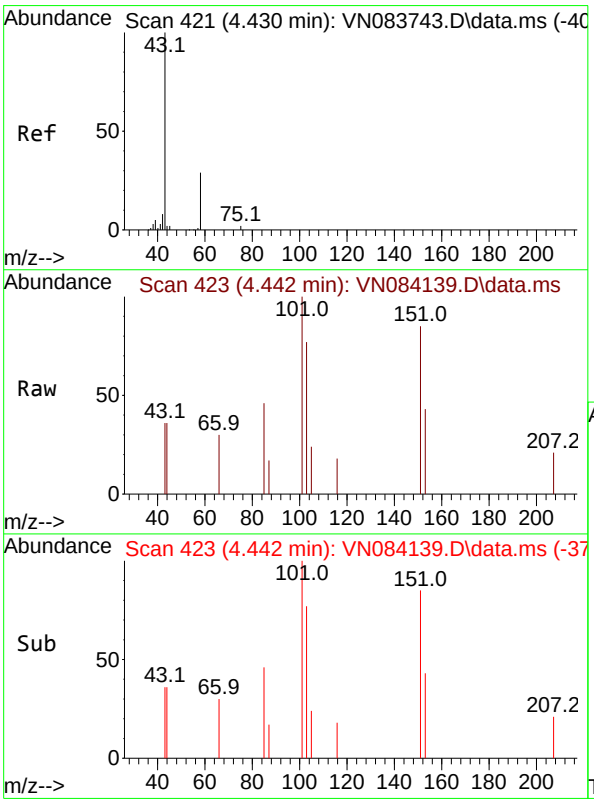
#12
1,1-Dichloroethene
Concen: 0.668 ug/l
RT: 4.353 min Scan# 4(
Delta R.T. 0.024 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion: 96 Resp: 1066

Ion	Ratio	Lower	Upper
96	100		
61	90.7	143.4	215.0#
98	33.4	52.7	79.1#

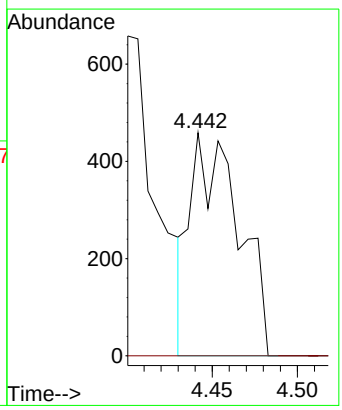


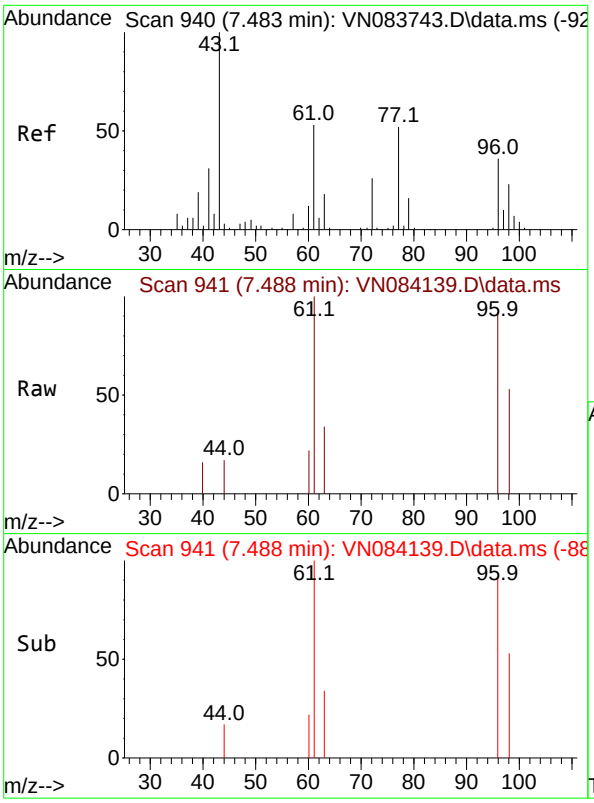


#16
Acetone
Concen: 1.013 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 43 Resp: 904

Ion	Ratio	Lower	Upper
43	100		
58	0.0	23.7	35.5#



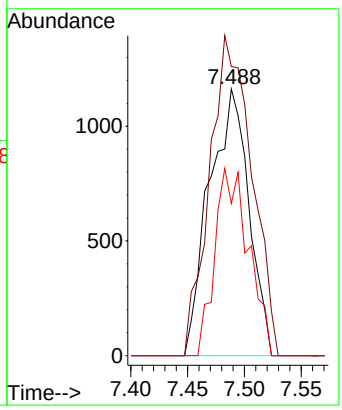


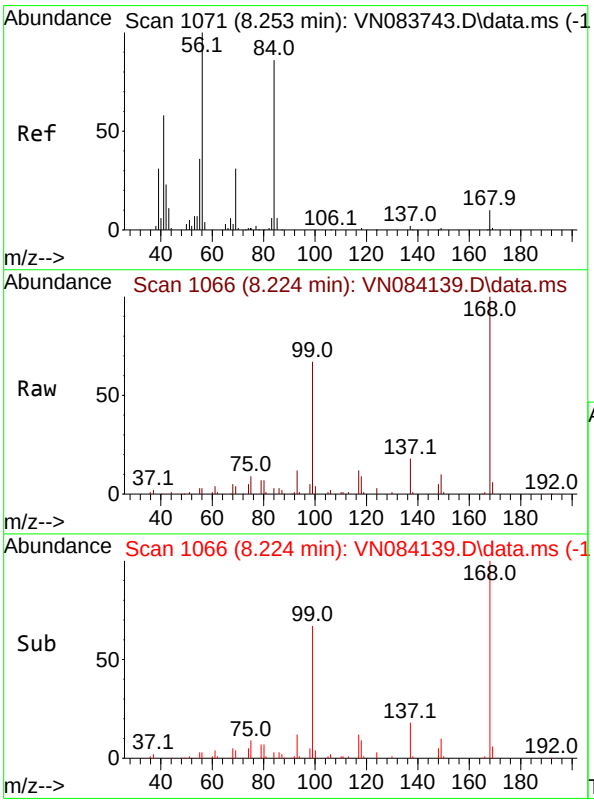
#27
cis-1,2-Dichloroethene
Concen: 1.380 ug/l
RT: 7.488 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion: 96 Resp: 2804

Ion	Ratio	Lower	Upper
96	100		
61	128.5	0.0	306.2
98	59.9	0.0	128.6

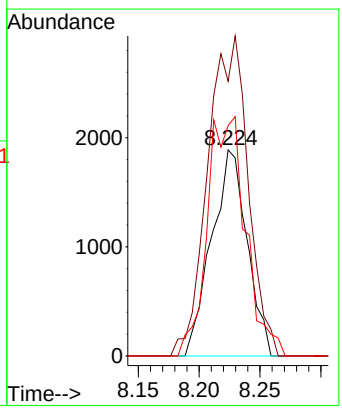


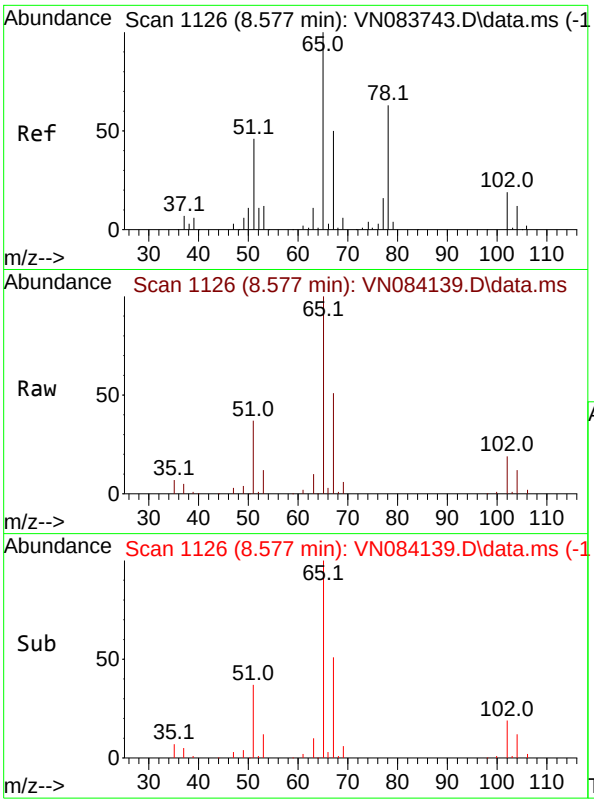


#31
Cyclohexane
Concen: 1.191 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 56 Resp: 3832

Ion	Ratio	Lower	Upper
56	100		
69	133.3	26.9	40.3#
84	111.7	69.2	103.8#



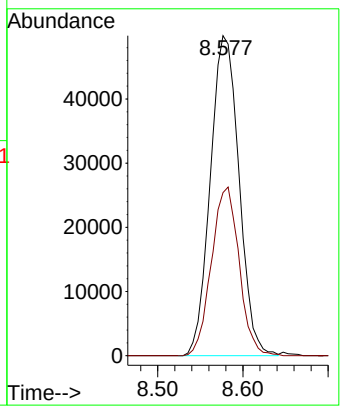


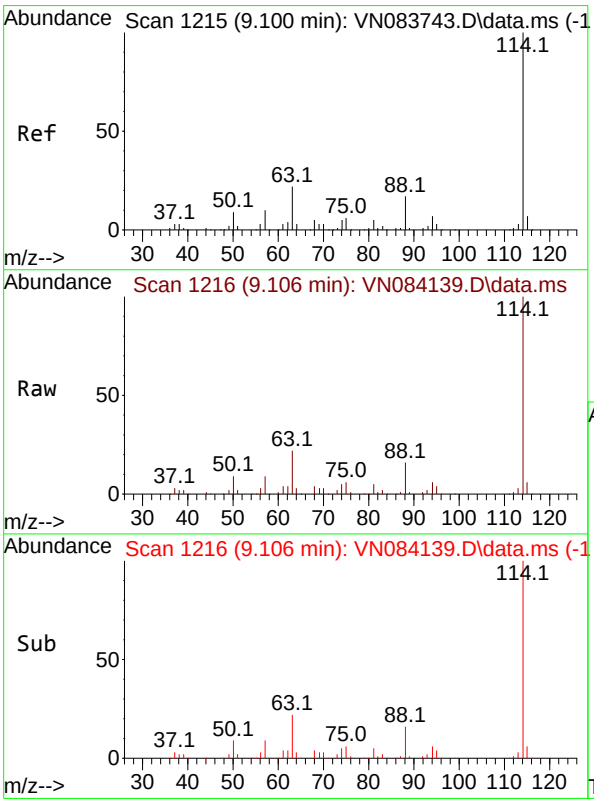
#33
1,2-Dichloroethane-d4
Concen: 52.377 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion: 65 Resp: 116605

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	100.8

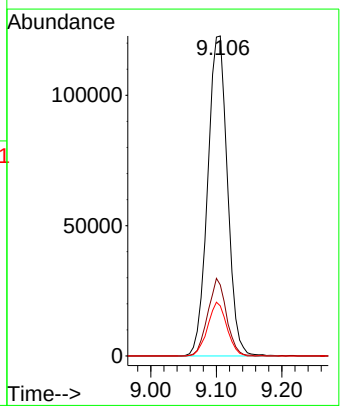


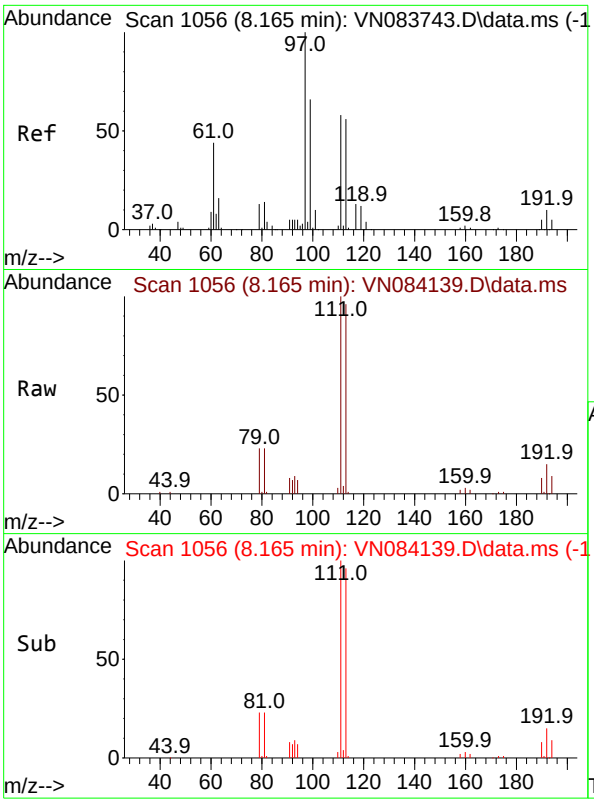


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.006 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion:114 Resp: 256724

Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	43.4
88	15.6	0.0	32.6



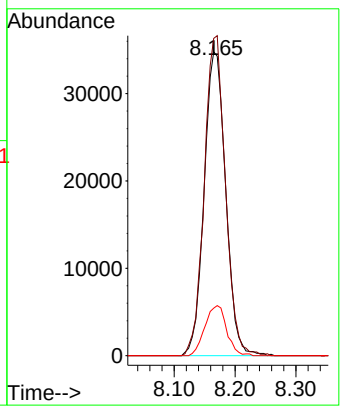


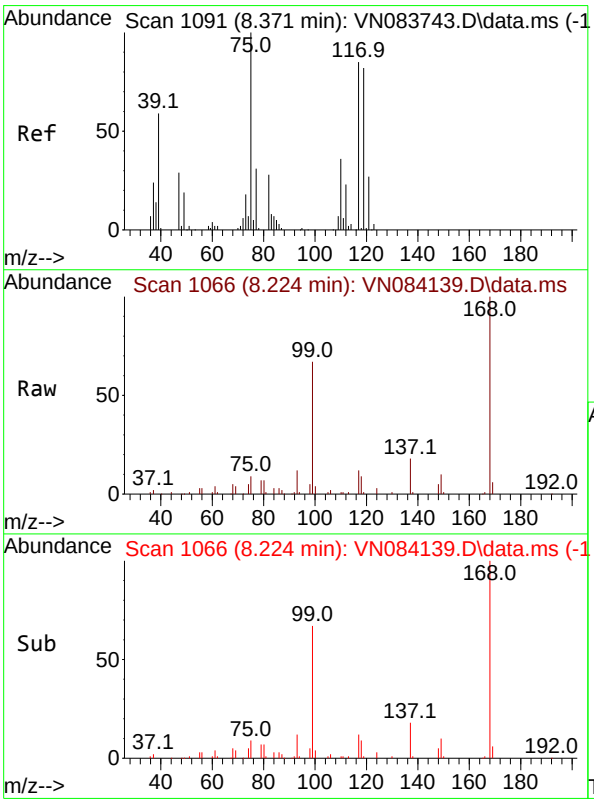
#35
Dibromofluoromethane
Concen: 52.073 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:113 Resp: 85583

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	16.6	14.3	21.5

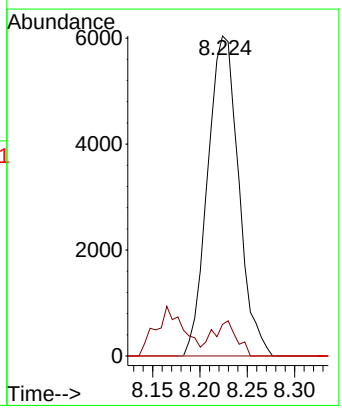


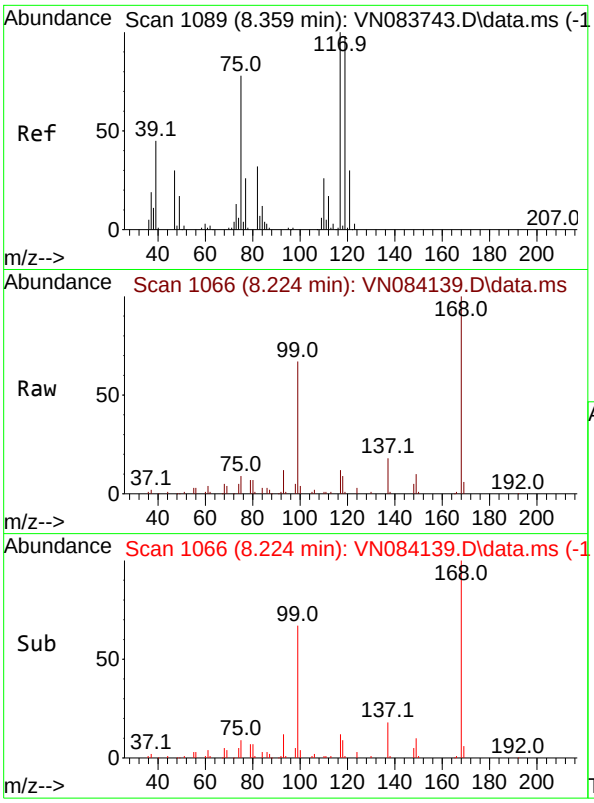


#36
1,1-Dichloropropene
Concen: 5.567 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 75 Resp: 13772

Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.7	50.1#
77	0.0	25.2	37.8#



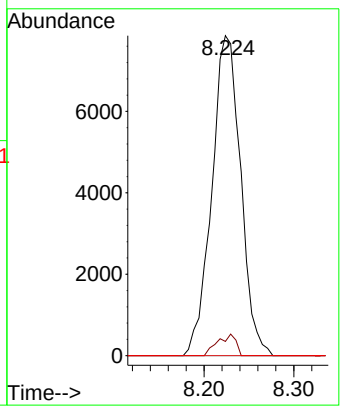


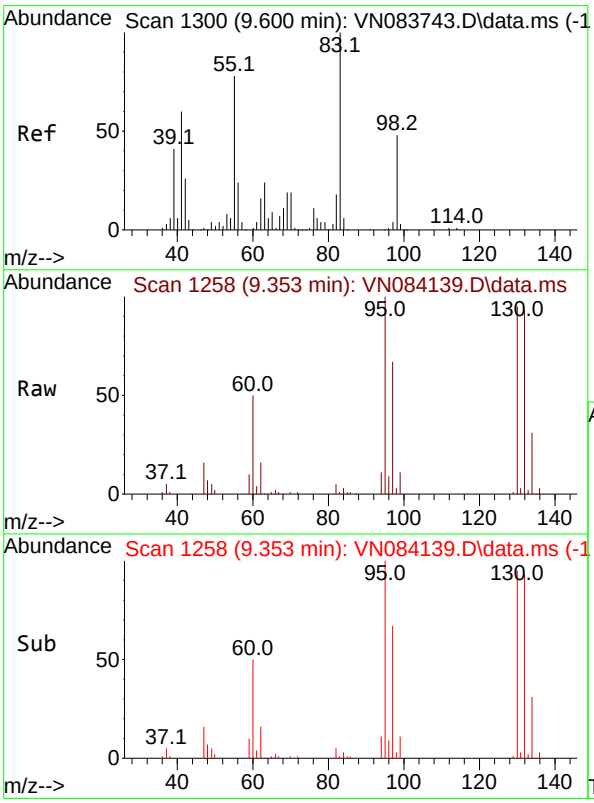
#38
Carbon Tetrachloride
Concen: 6.260 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:117 Resp: 17568

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.1	114.1#
121	0.0	24.1	36.1#

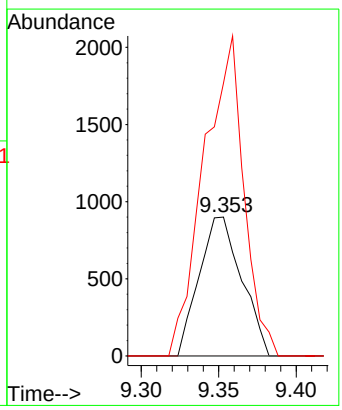


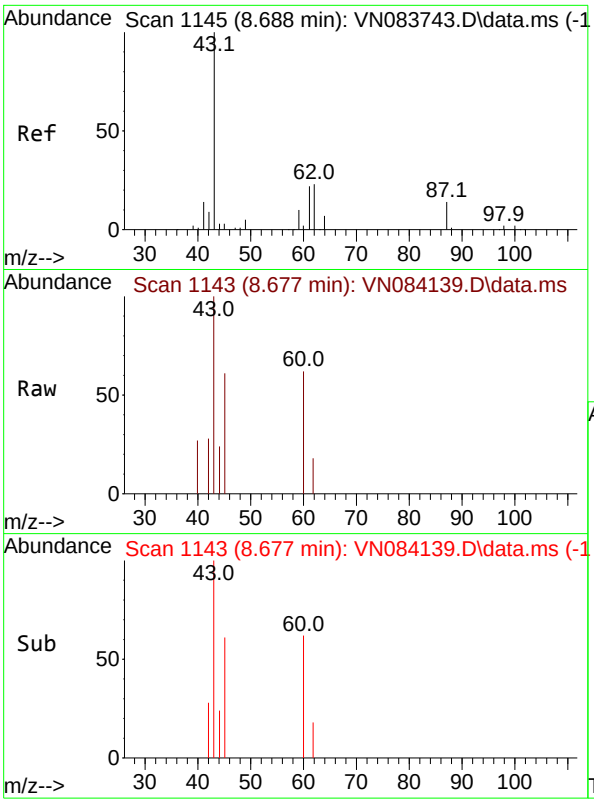


#39
Methylcyclohexane
Concen: 0.610 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.247 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 83 Resp: 1718

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.2	93.4#
98	196.4	37.6	56.4#



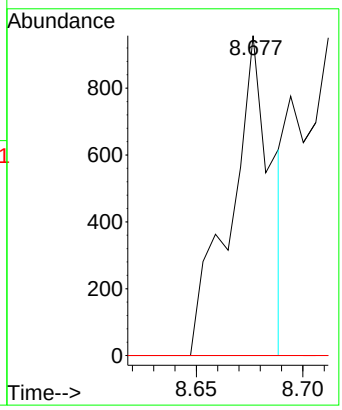


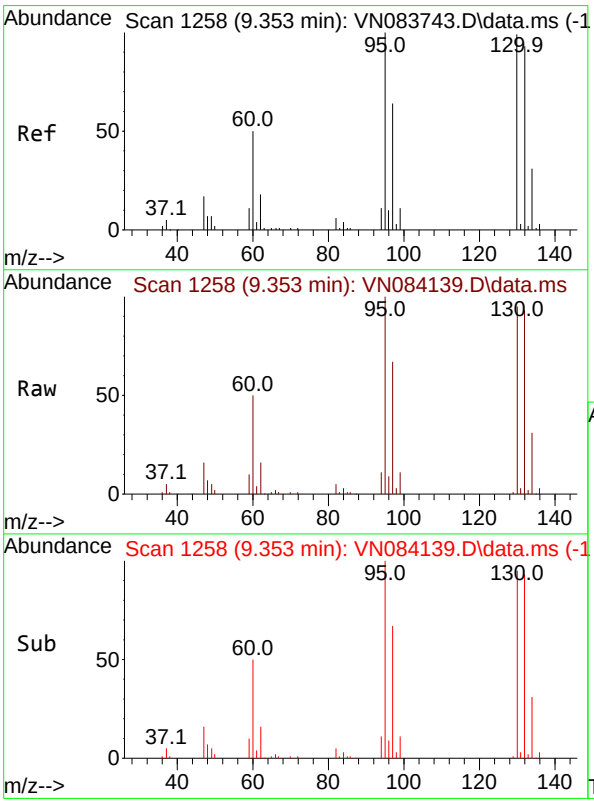
#43
Isopropyl Acetate
Concen: 0.316 ug/l
RT: 8.677 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion: 43 Resp: 1286

Ion	Ratio	Lower	Upper
43	100		
61	0.0	19.4	29.0#
87	0.0	9.8	14.6#

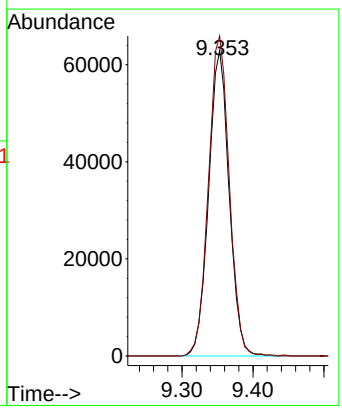


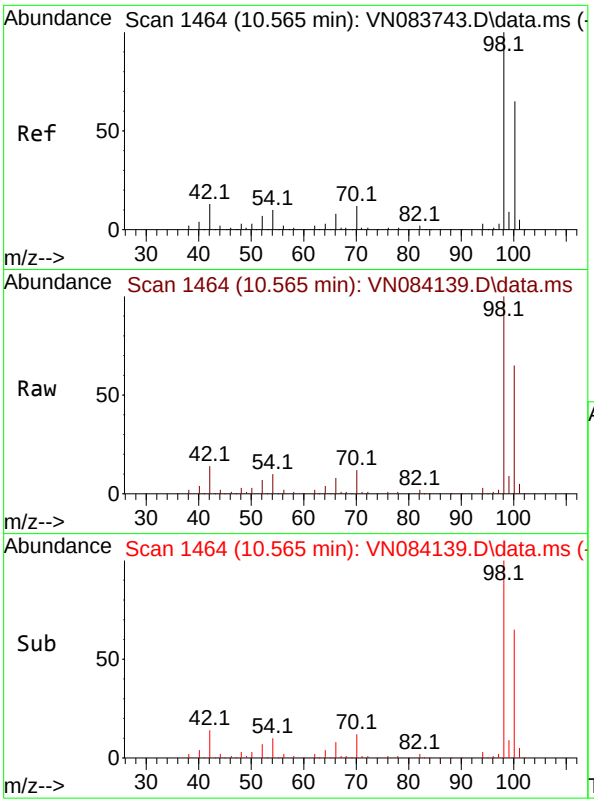


#44
Trichloroethene
Concen: 72.986 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion:130 Resp: 125842

Ion	Ratio	Lower	Upper
130	100		
95	104.8	0.0	200.4



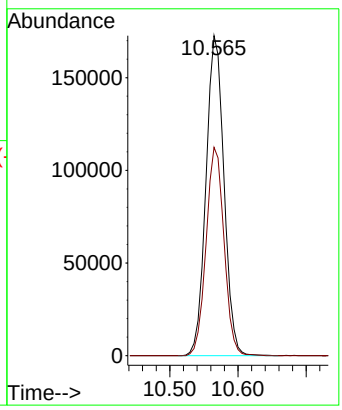


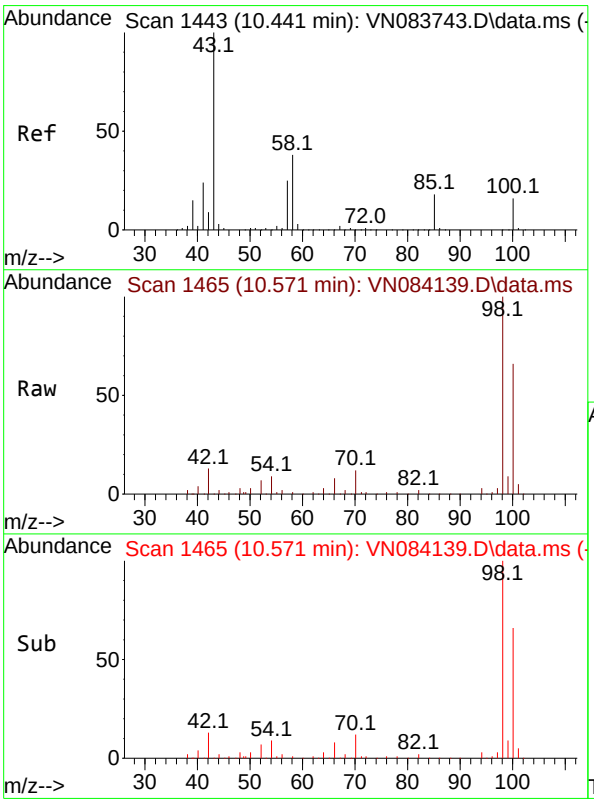
#50
Toluene-d8
Concen: 55.788 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion: 98 Resp: 316974

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.0	78.0

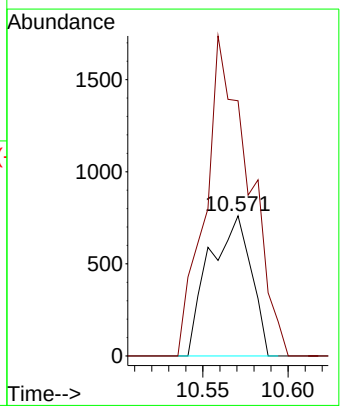


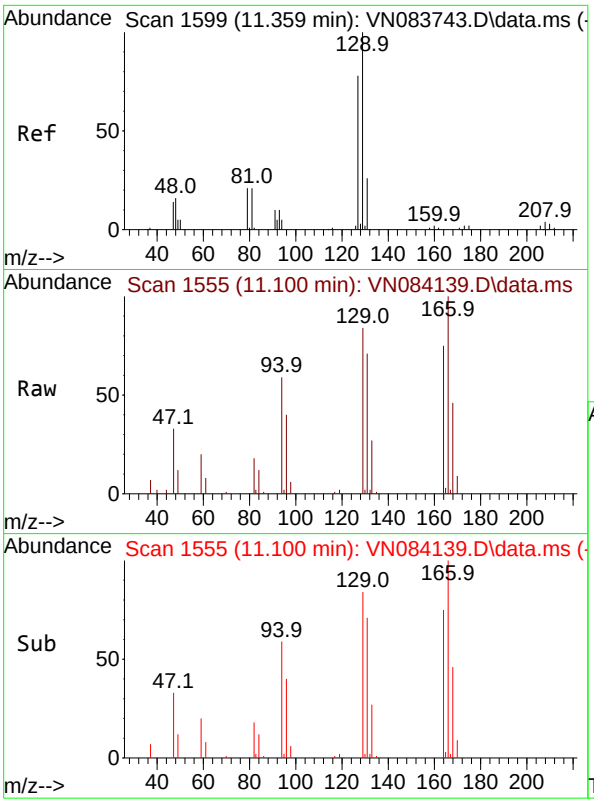


#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 43 Resp: 1296

Ion	Ratio	Lower	Upper
43	100		
58	237.3	31.6	47.4#



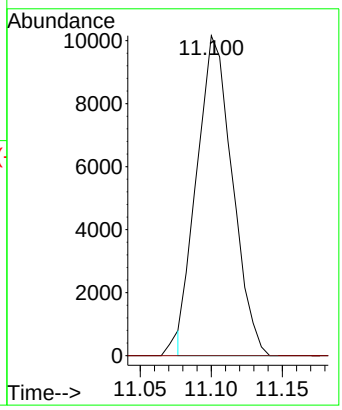


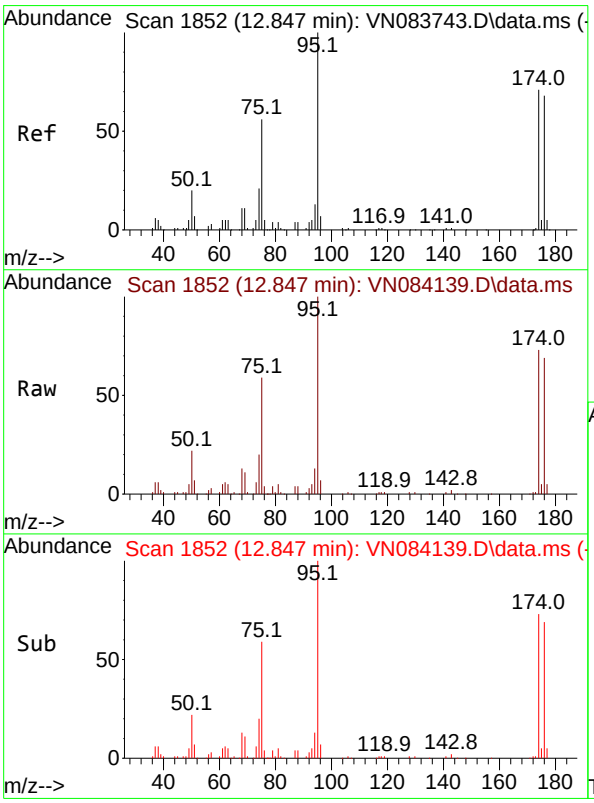
#60
Dibromochloromethane
Concen: 9.290 ug/l
RT: 11.100 min Scan# 1
Delta R.T. -0.259 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:129 Resp: 17678

Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.0	116.9#

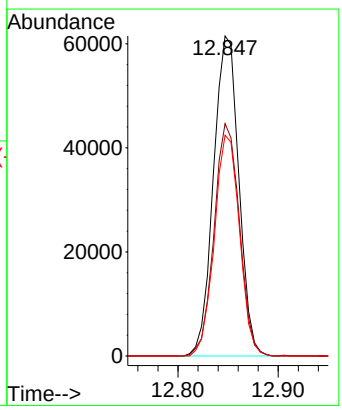


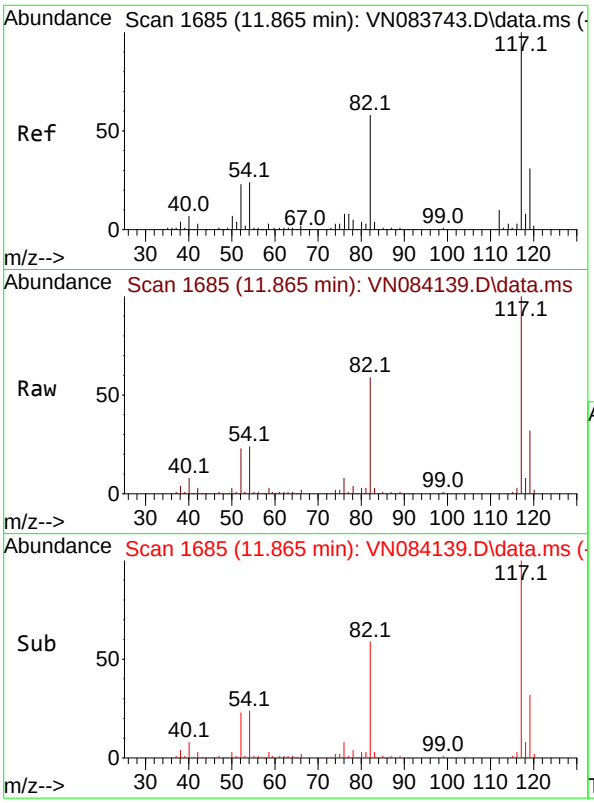


#62
4-Bromofluorobenzene
Concen: 46.009 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 95 Resp: 107851

Ion	Ratio	Lower	Upper
95	100		
174	72.5	0.0	139.8
176	68.5	0.0	131.4



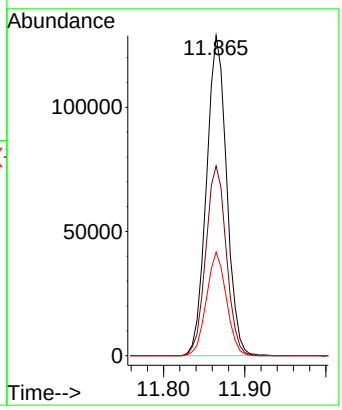


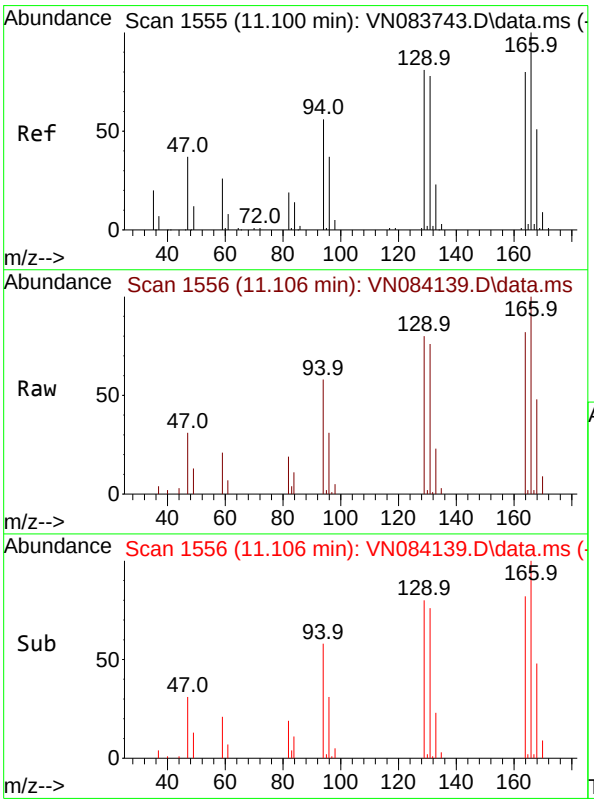
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:117 Resp: 222246

Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.0
119	32.4	26.3	39.5

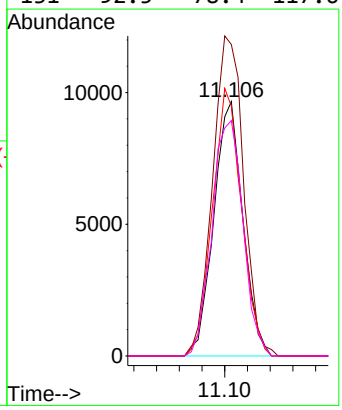


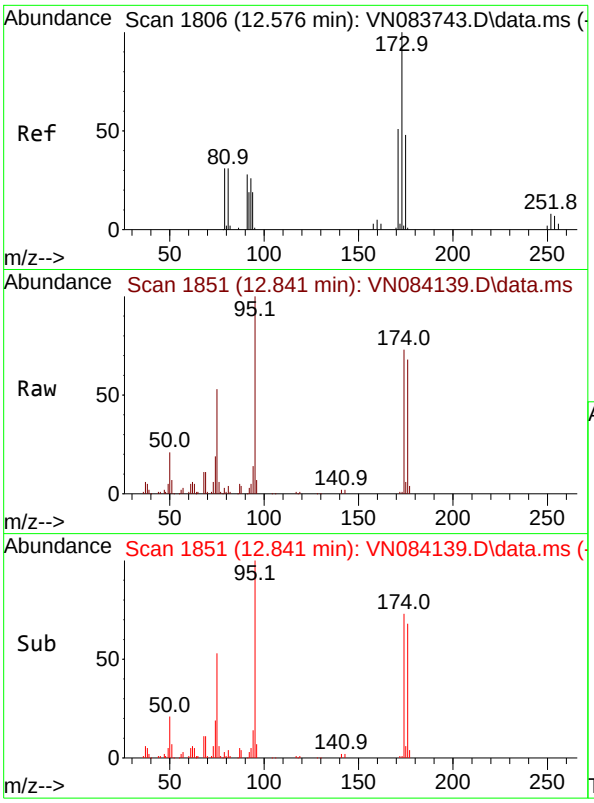


#64
Tetrachloroethene
Concen: 11.652 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion:164 Resp: 17221

Ion	Ratio	Lower	Upper
164	100		
166	122.5	103.7	155.5
129	98.2	79.9	119.9
131	92.5	78.4	117.6



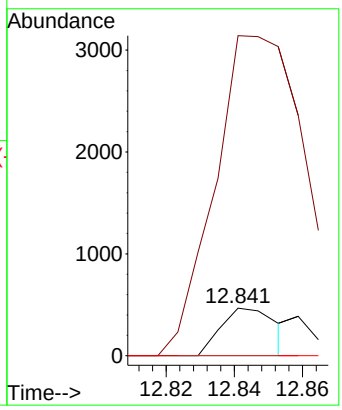


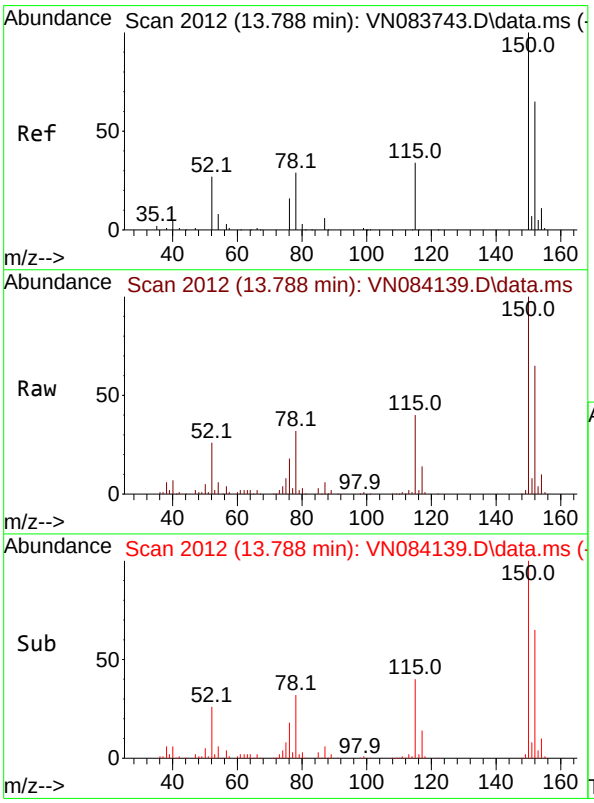
#71
Bromoform
Concen: 0.452 ug/l
RT: 12.841 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

Tgt Ion:173 Resp: 521

Ion	Ratio	Lower	Upper
173	100		
175	833.0	24.1	72.2#
254	0.0	0.0	0.0

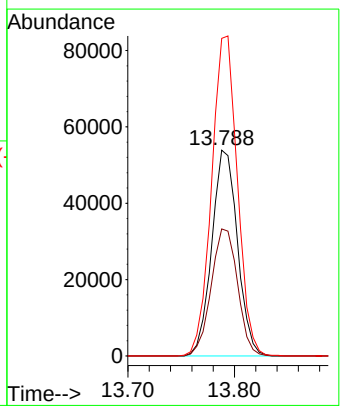


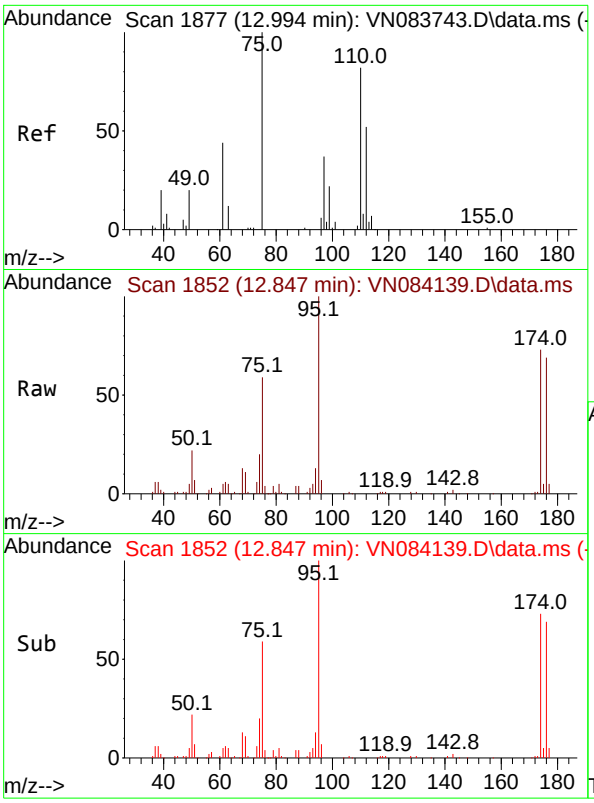


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion:152 Resp: 90278

Ion	Ratio	Lower	Upper
152	100		
115	63.4	32.2	96.6
150	155.9	0.0	348.6



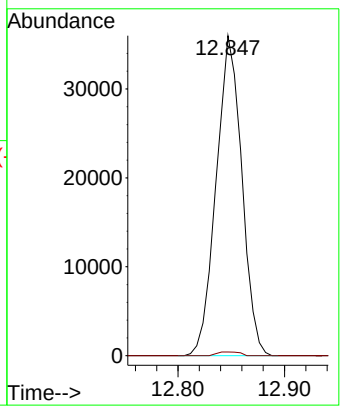


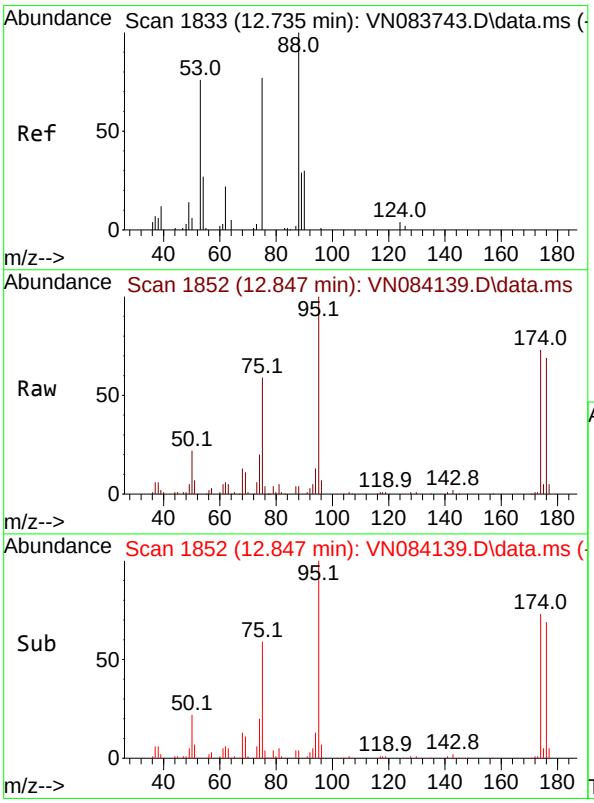
#76
1,2,3-Trichloropropane
Concen: 32.972 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.147 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Instrument :
MSVOA_N
ClientSampleId :
RE125D3-20240917

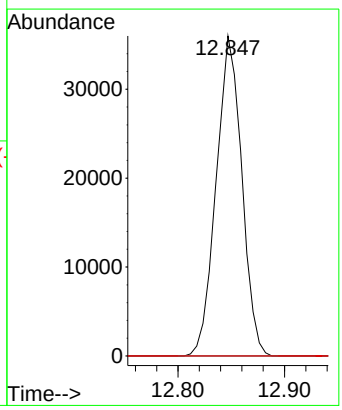
Tgt Ion: 75 Resp: 60063

Ion	Ratio	Lower	Upper
75	100		
77	1.0	95.2	285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.356 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084139.D
Acq: 24 Sep 2024 17:07

Tgt Ion: 75 Resp: 60063

Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.2	121.8#
89	0.0	35.7	53.5#