Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091124\
Data File : VN083798.D
Acq On : 11 Sep 2024 16:21
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Sep 12 02:09:10 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	102108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	220068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	110859	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89219	57.948	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.900%			
35) Dibromofluoromethane	8.165	113	69692	49.467	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	10.565	98	254252	52.203	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.400%			
62) 4-Bromofluorobenzene	12.847	95	110150	54.816	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.640%			
Target Compounds						Qvalue
44) Trichloroethene	9.353	130	1329	0.899	ug/l	90
70) Styrene	12.412	104	7347	1.298	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.723	75	862	1.716	ug/l	96
94) Hexachlorobutadiene	15.494	225	2336	2.726	ug/l	93
95) Naphthalene	15.641	128	6415	1.045	ug/l	98

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

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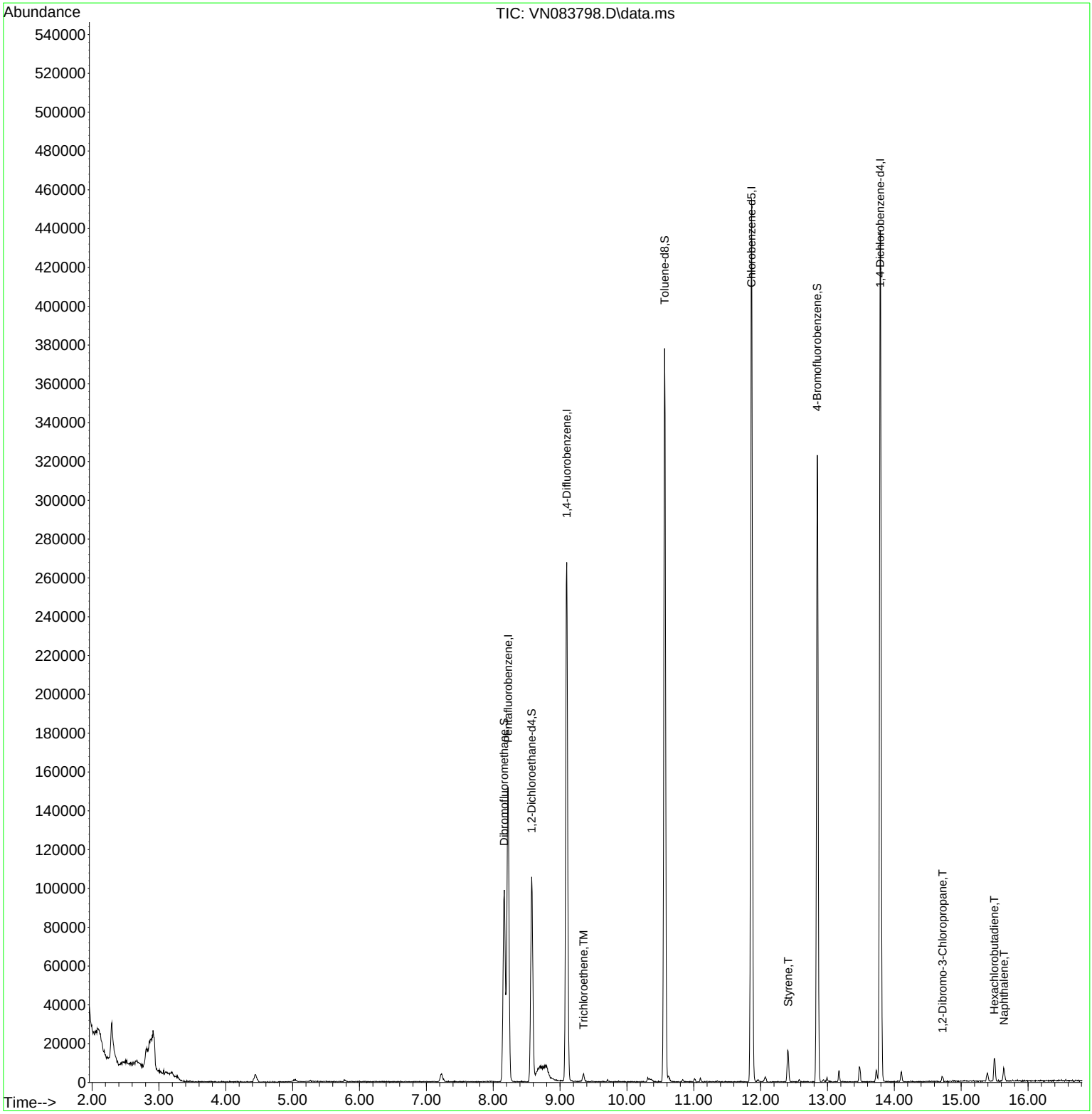
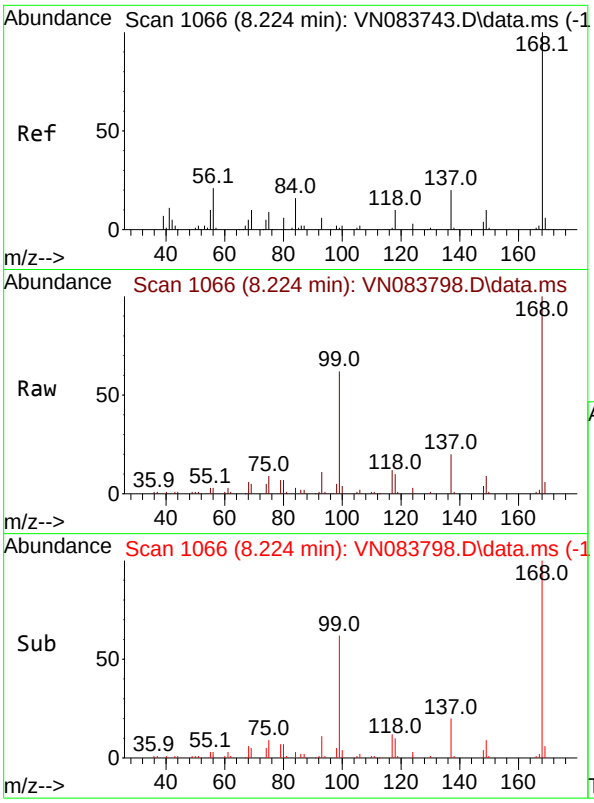


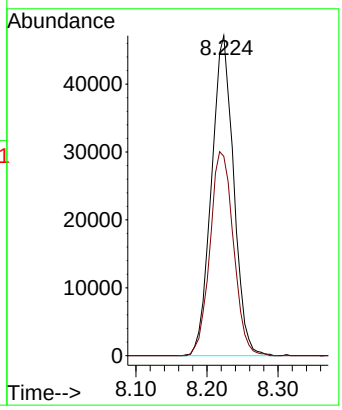


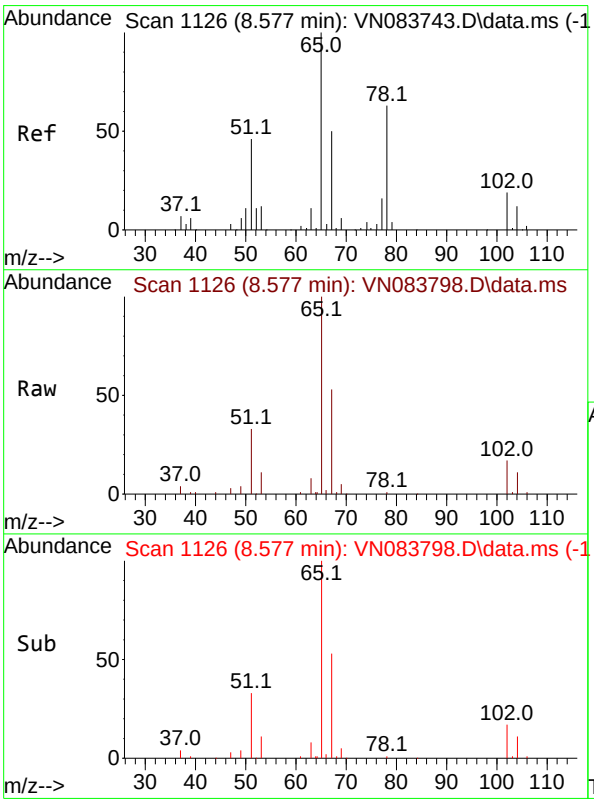
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 102108

Ion	Ratio	Lower	Upper
168	100		
99	62.3	54.2	81.2

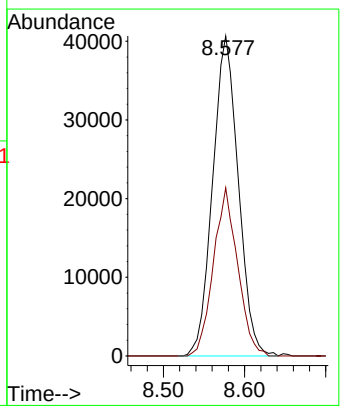


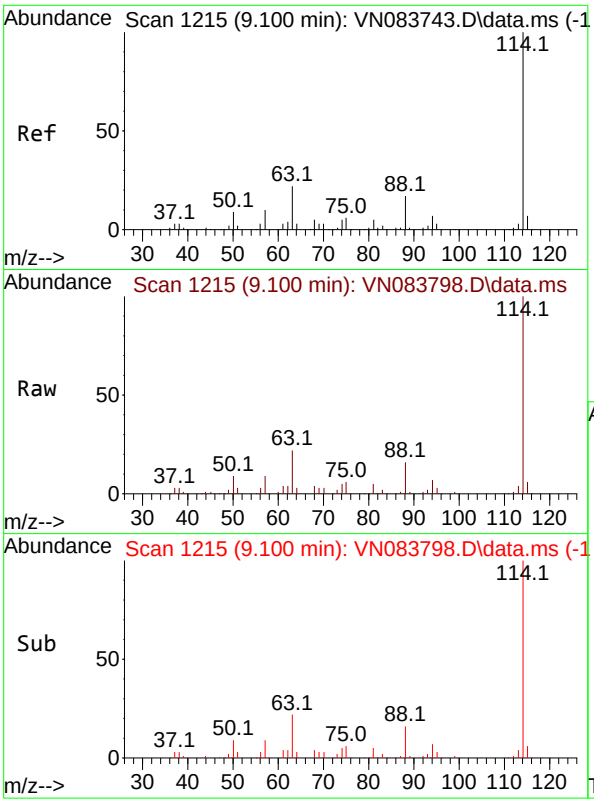


#33
1,2-Dichloroethane-d4
Concen: 57.948 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Tgt Ion: 65 Resp: 89219

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	100.8



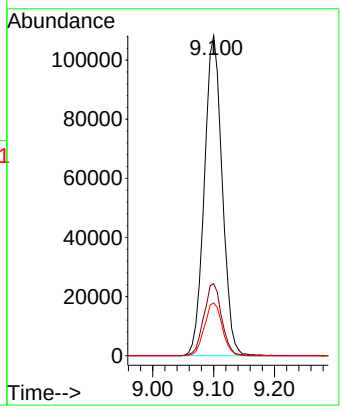


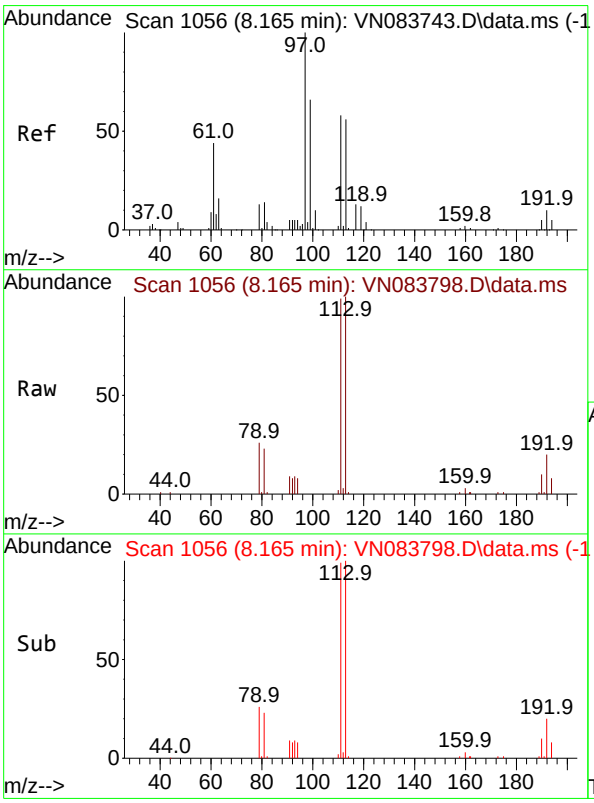
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:114 Resp: 220068

Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	43.4
88	16.5	0.0	32.6

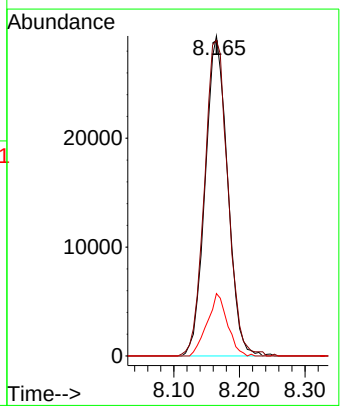


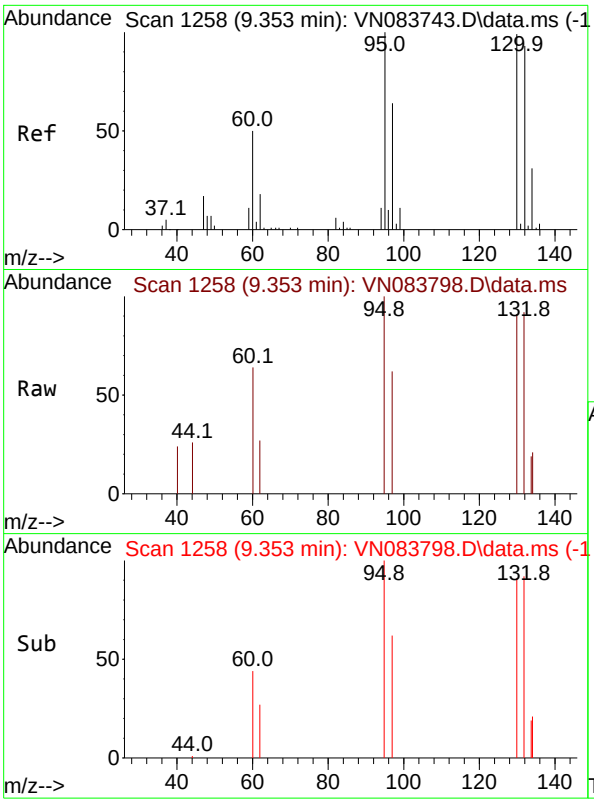


#35
Dibromofluoromethane
Concen: 49.467 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Tgt Ion:113 Resp: 69692

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	17.6	14.3	21.5



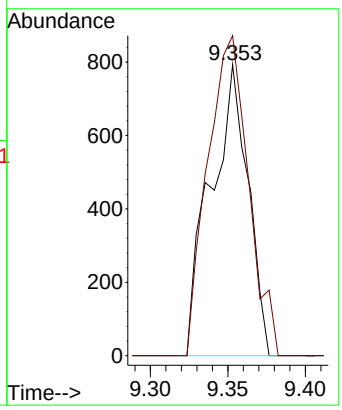


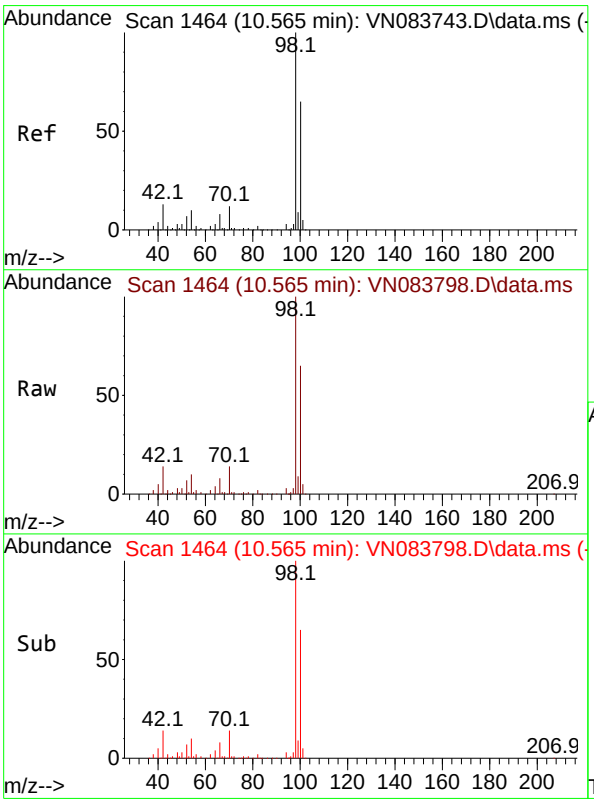
#44
Trichloroethene
Concen: 0.899 ug/l
RT: 9.353 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:130 Resp: 1329

Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	200.4

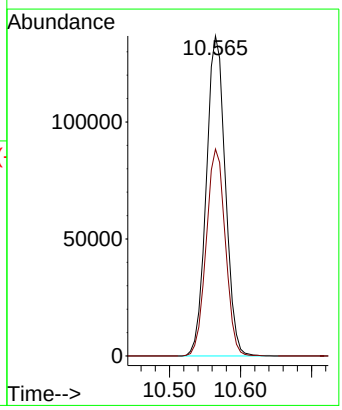


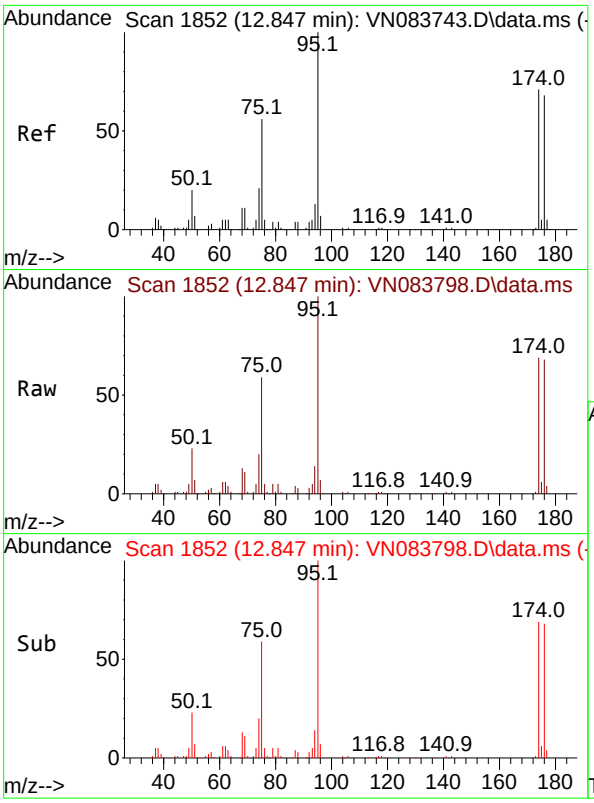


#50
Toluene-d8
Concen: 52.203 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Tgt Ion: 98 Resp: 254252

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0



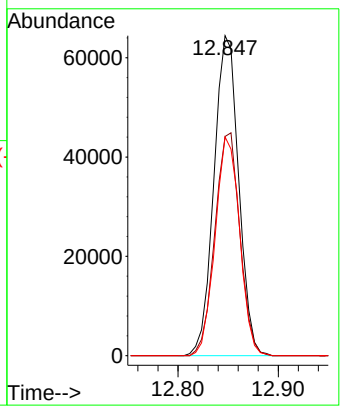


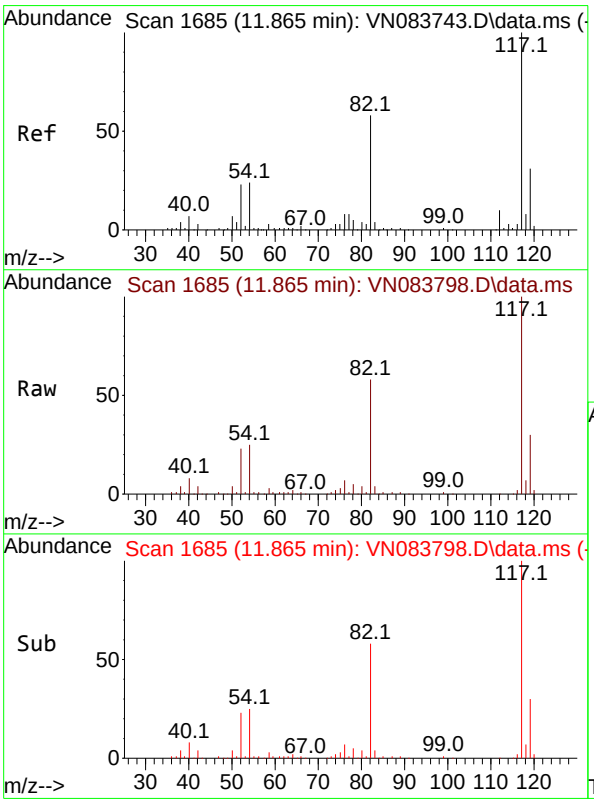
#62
4-Bromofluorobenzene
Concen: 54.816 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 95 Resp: 110150

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	139.8
176	67.6	0.0	131.4

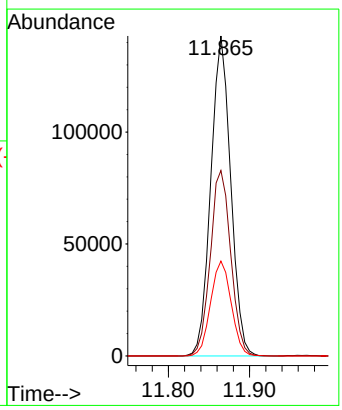


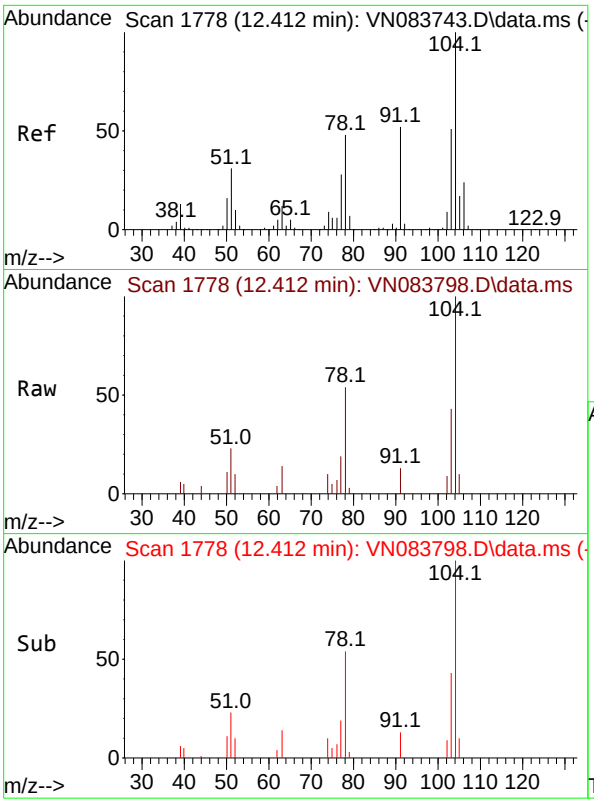


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Tgt Ion:117 Resp: 242970

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.4	71.0
119	29.7	26.3	39.5



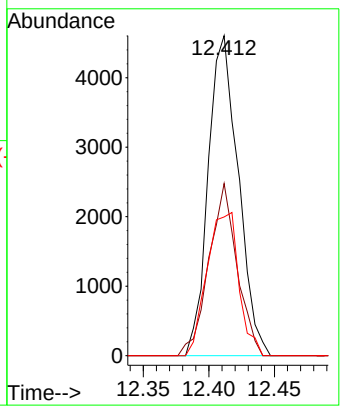


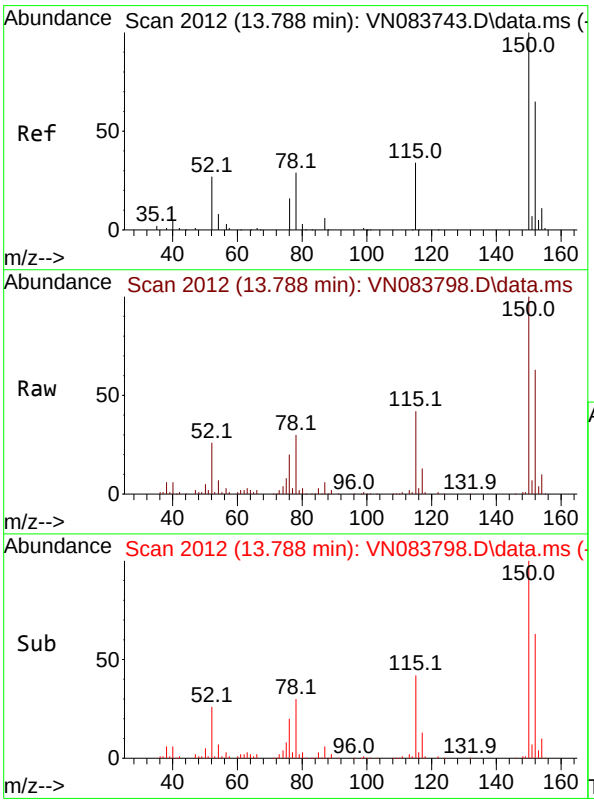
#70
Styrene
Concen: 1.298 ug/l
RT: 12.412 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:104 Resp: 7347

Ion	Ratio	Lower	Upper
104	100		
78	50.3	43.3	64.9
103	47.4	43.4	65.2

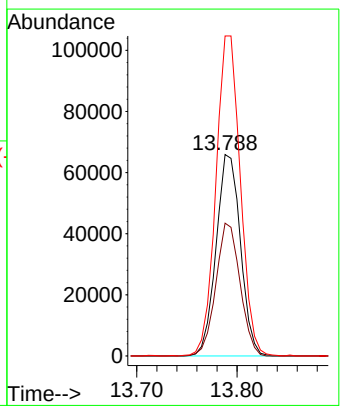


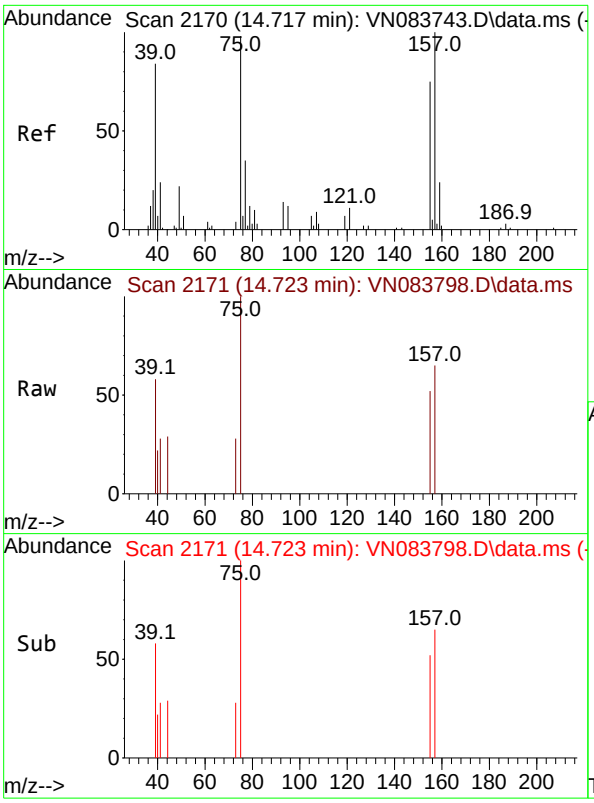


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Tgt Ion:152 Resp: 110859

Ion	Ratio	Lower	Upper
152	100		
115	65.5	32.2	96.6
150	159.5	0.0	348.6



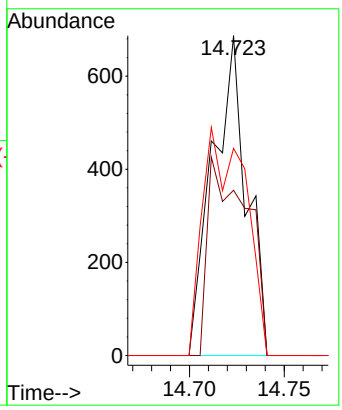


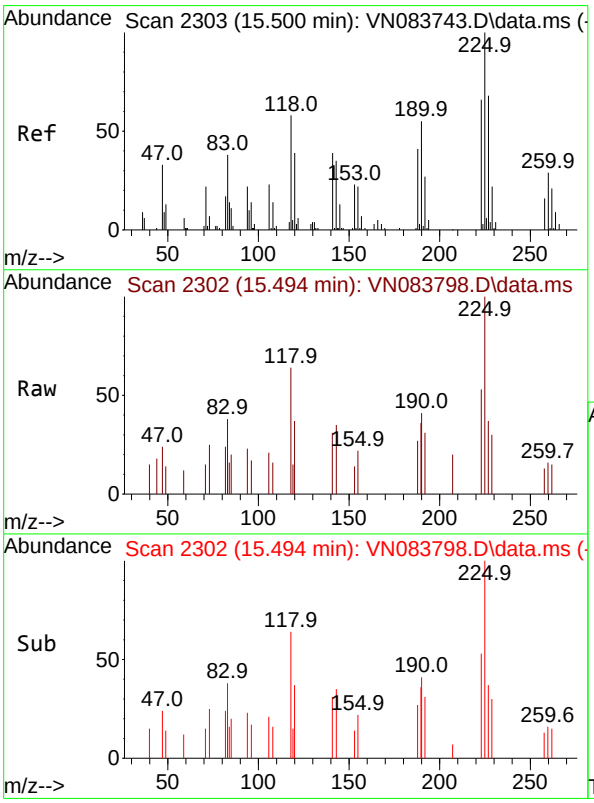
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.716 ug/l
RT: 14.723 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 862

Ion	Ratio	Lower	Upper
75	100		
155	71.3	35.9	107.7
157	89.1	47.5	142.5

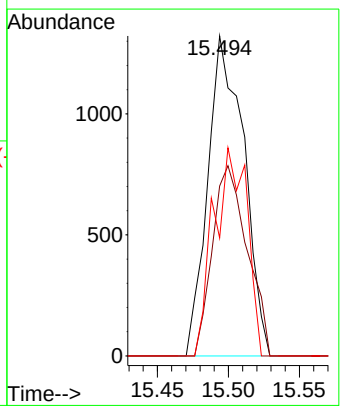


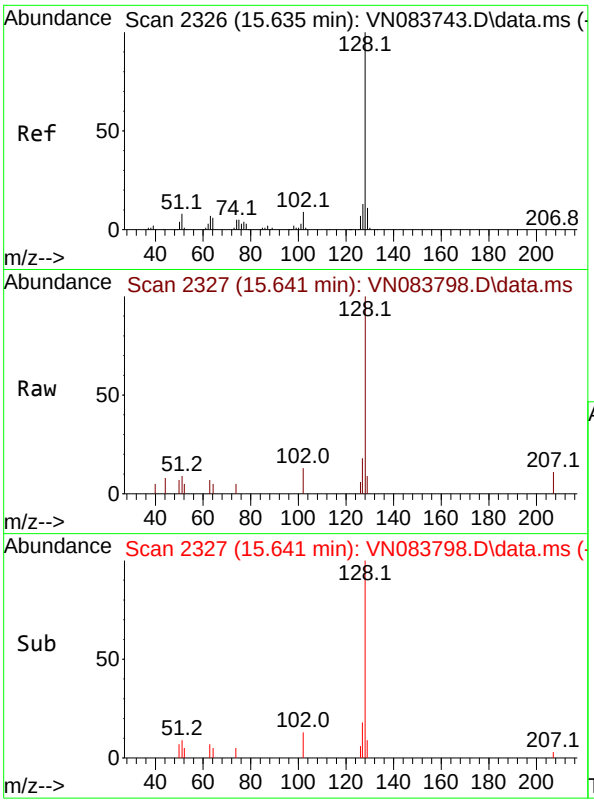


#94
Hexachlorobutadiene
Concen: 2.726 ug/l
RT: 15.494 min Scan# 2302
Delta R.T. -0.006 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Tgt Ion:225 Resp: 2336

Ion	Ratio	Lower	Upper
225	100		
223	57.4	31.9	95.5
227	60.0	32.0	96.2





#95
Naphthalene
Concen: 1.045 ug/l
RT: 15.641 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN083798.D
Acq: 11 Sep 2024 16:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 6415

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.2
129	9.3	8.7	13.1