Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121924\
Data File : VN085267.D
Acq On : 19 Dec 2024 15:59
Operator : JC\MD
Sample : VN1219WBL02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 19 17:12:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 06 22:50:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.812	128	26181	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	121850	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	117118	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	74109	35.674	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 118.900%#			
60) 4-Bromofluorobenzene	12.847	95	48826	25.196	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 84.000%			
63) Toluene-d8	10.565	98	157941	28.749	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.833%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	494	0.266	ug/l #	43
36) 1,2-Dichloroethane	9.100	62	4761	2.264	ug/l #	75
50) 1,1,2-Trichloroethane	10.577	97	6216	4.298	ug/l #	1
56) Bromoform	12.841	173	360	0.305	ug/l #	1
58) 4-Methyl-2-Pentanone	10.559	43	903	0.472	ug/l #	1
72) 1,2,3-Trichloropropane	12.847	75	29344	14.453	ug/l	1
77) t-1,4-Dichloro-2-butene	12.847	75	29344	39.775	ug/l #	10

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
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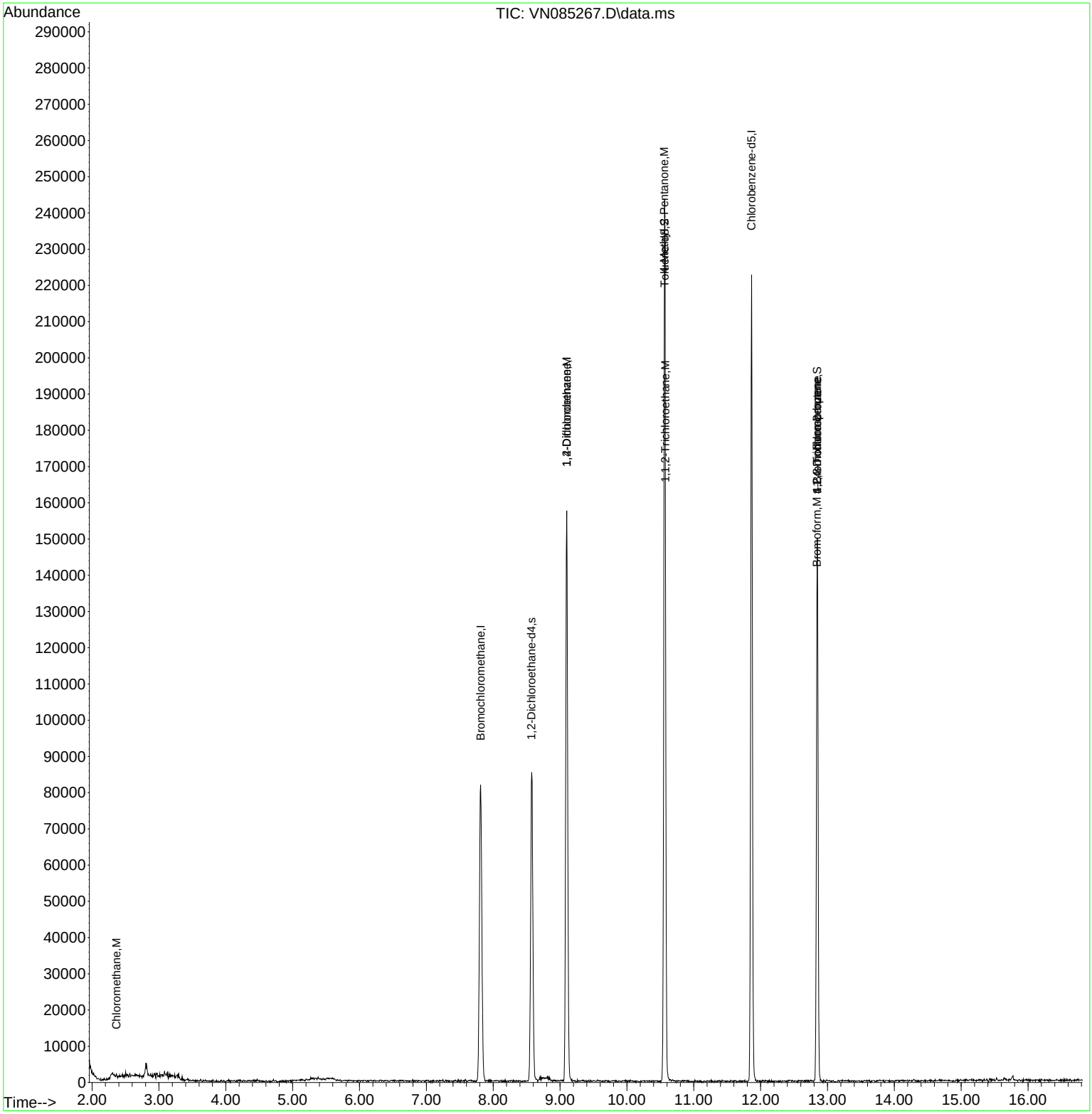
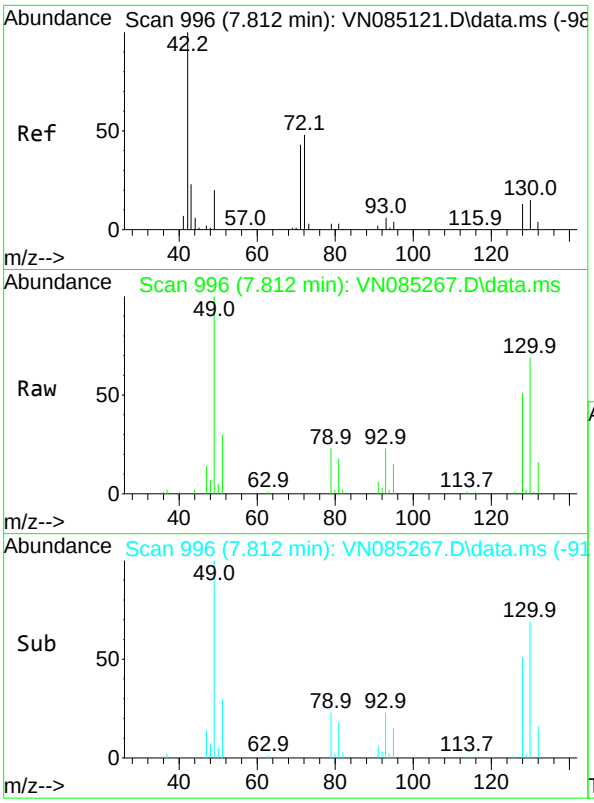


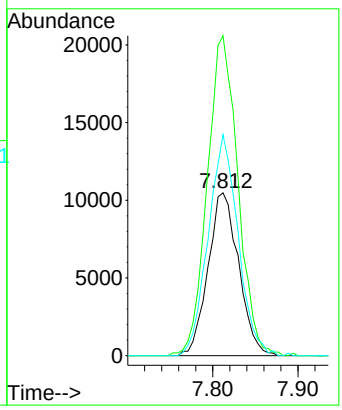


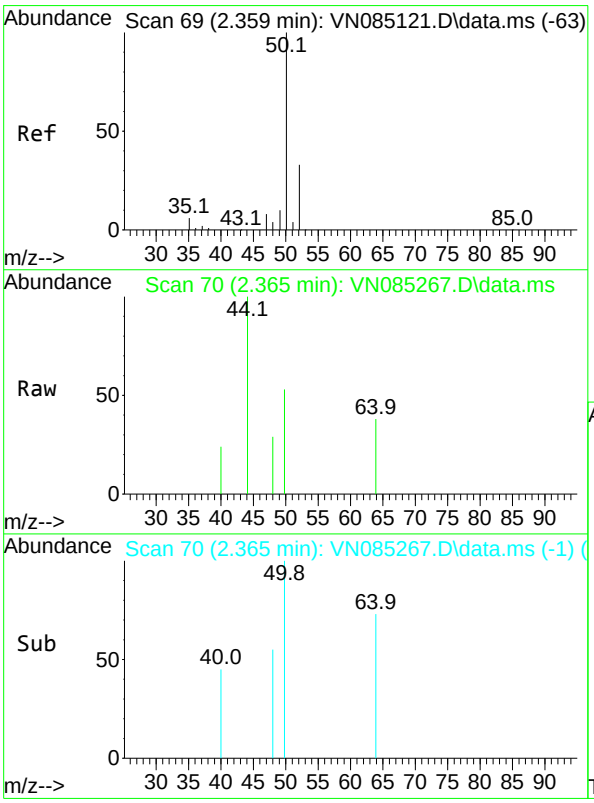
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 26181

Ion	Ratio	Lower	Upper
128	100		
49	196.7	0.0	394.5
130	132.3	0.0	316.5

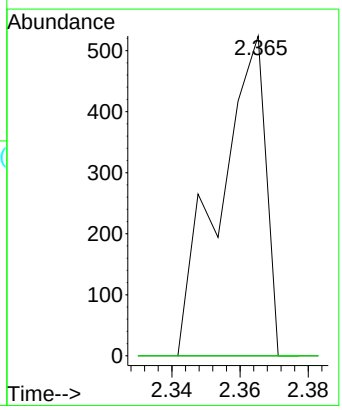


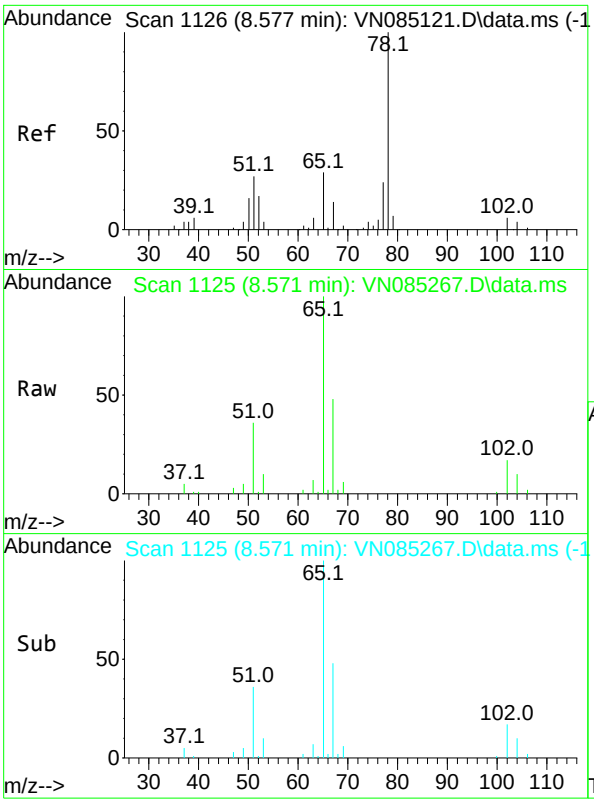


#3
Chloromethane
Concen: 0.266 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 50 Resp: 494

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.0	37.4#



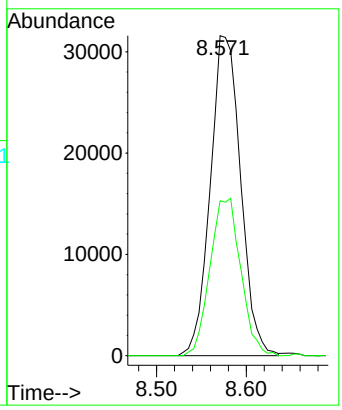


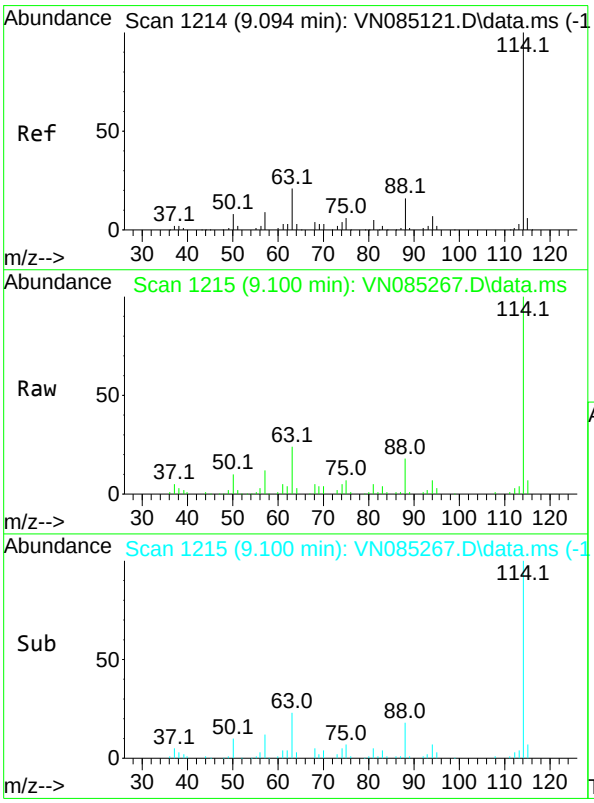
#27
1,2-Dichloroethane-d4
Concen: 35.674 ug/l
RT: 8.571 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 74109

Ion	Ratio	Lower	Upper
65	100		
67	49.7	39.9	59.9

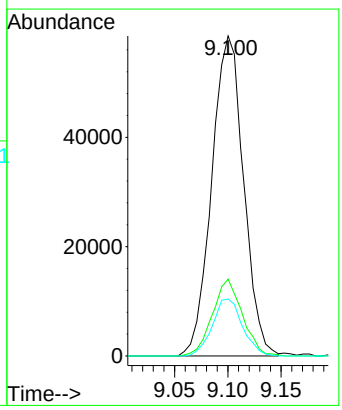


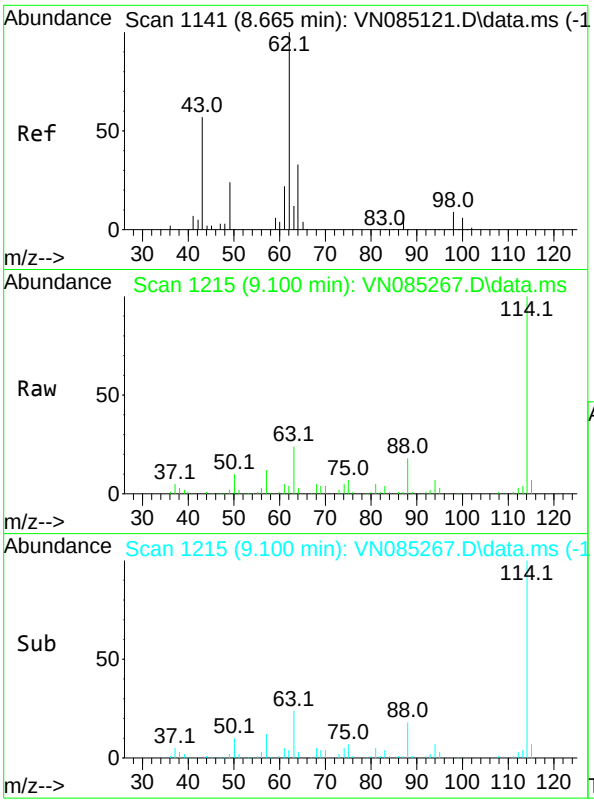


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Tgt Ion:114 Resp: 121850

Ion	Ratio	Lower	Upper
114	100		
63	22.5	16.2	24.2
88	16.9	12.5	18.7



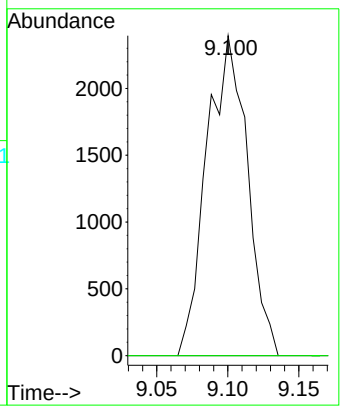


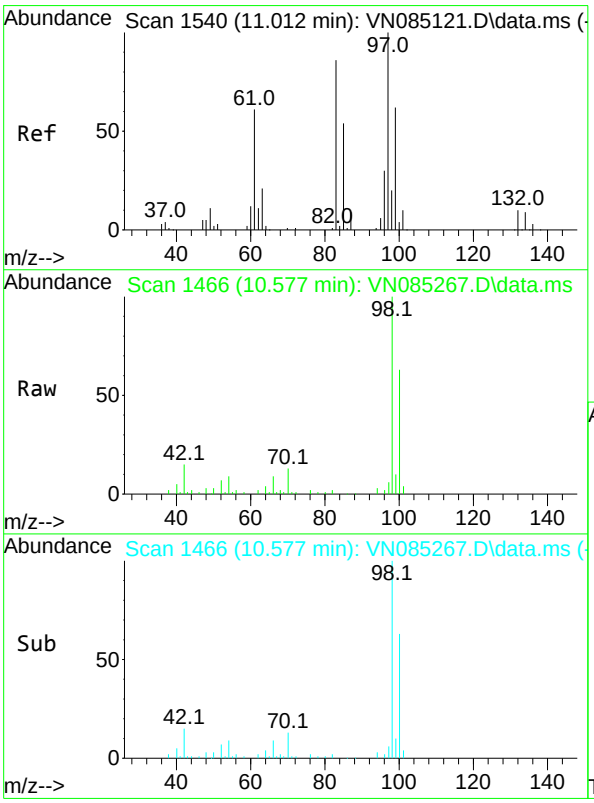
#36
1,2-Dichloroethane
Concen: 2.264 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.435 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 62 Resp: 4761

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.3	10.9#

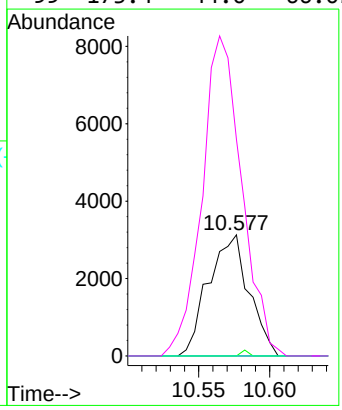


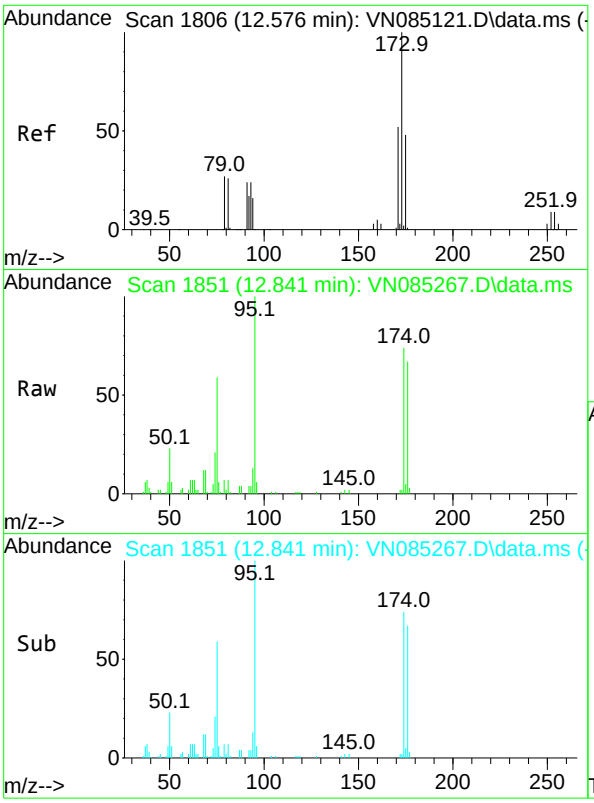


#50
1,1,2-Trichloroethane
Concen: 4.298 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. -0.435 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 97 Resp: 6216

Ion	Ratio	Lower	Upper
97	100		
83	0.0	65.8	98.8#
85	0.0	40.8	61.2#
99	173.4	44.0	66.0#



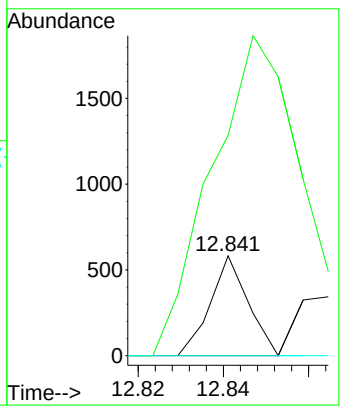


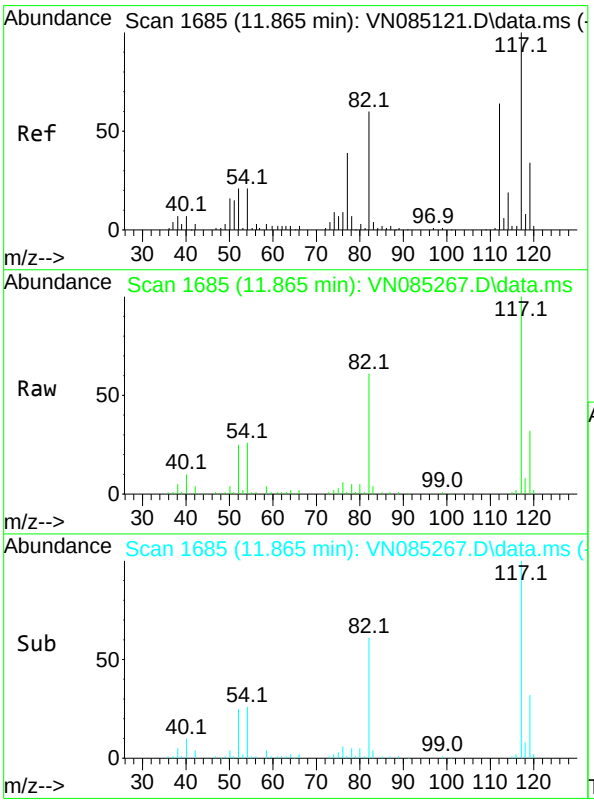
#56
Bromoform
Concen: 0.305 ug/l
RT: 12.841 min Scan# 1
Delta R.T. 0.265 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:173 Resp: 360

Ion	Ratio	Lower	Upper
173	100		
175	782.2	40.2	60.2#
254	0.0	6.2	9.4#

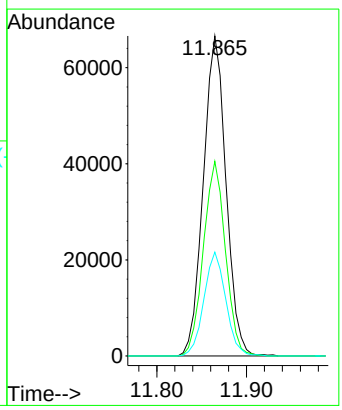


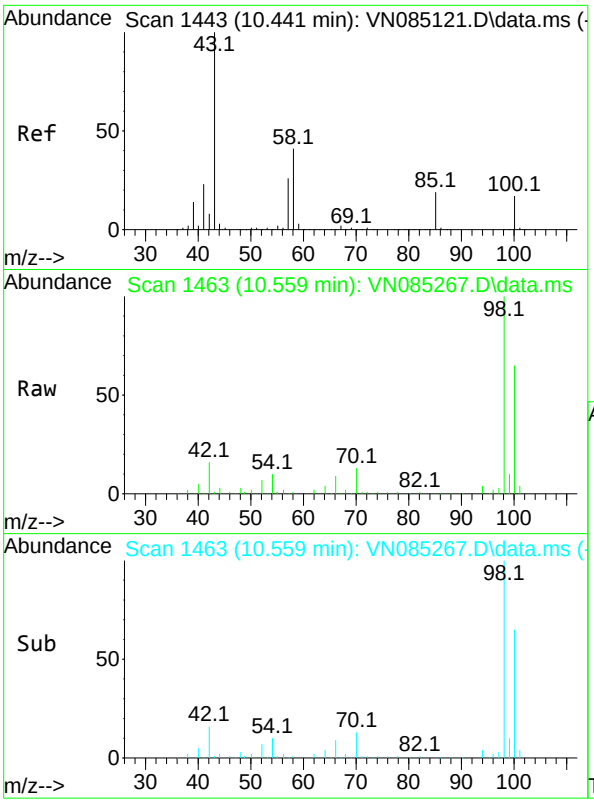


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Tgt Ion:117 Resp: 117118

Ion	Ratio	Lower	Upper
117	100		
82	59.1	44.2	66.4
119	31.3	25.4	38.2



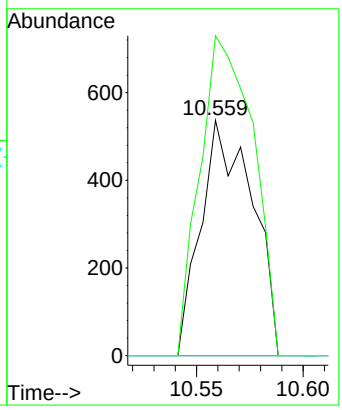


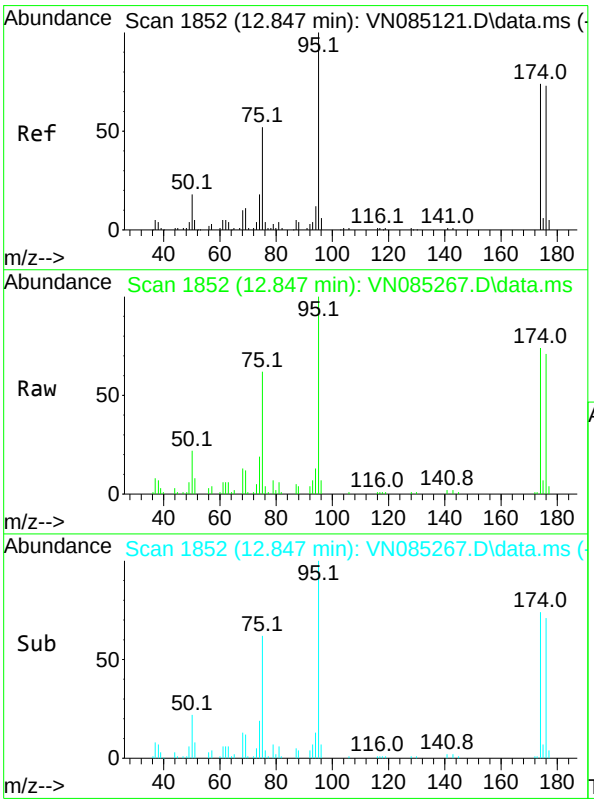
#58
4-Methyl-2-Pentanone
Concen: 0.472 ug/l
RT: 10.559 min Scan# 14
Delta R.T. 0.118 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 903

Ion	Ratio	Lower	Upper
43	100		
58	140.6	31.6	47.4#
85	0.0	15.0	22.6#

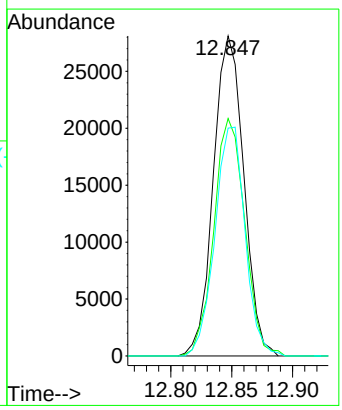


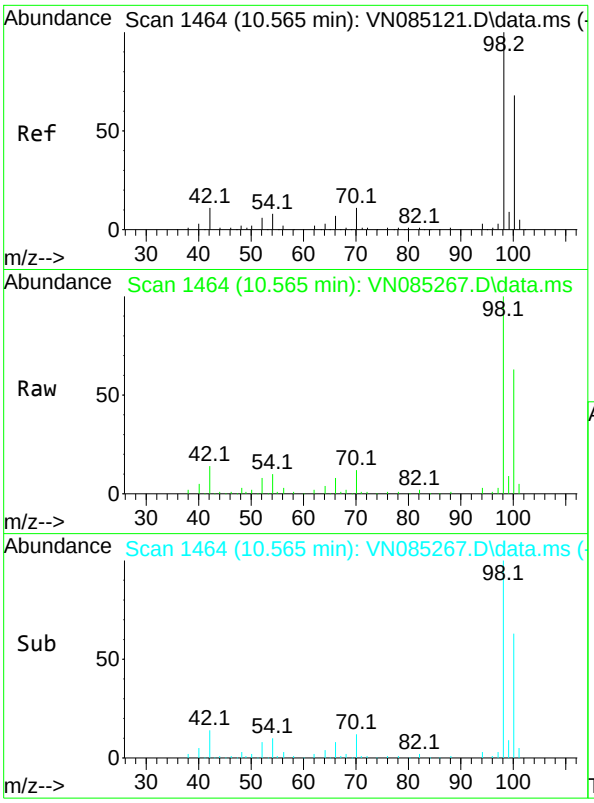


#60
4-Bromofluorobenzene
Concen: 25.196 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 95 Resp: 48826

Ion	Ratio	Lower	Upper
95	100		
174	75.4	60.3	90.5
176	71.0	57.4	86.0



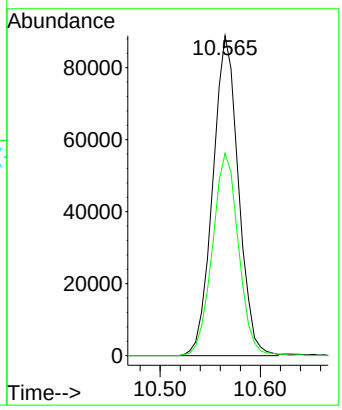


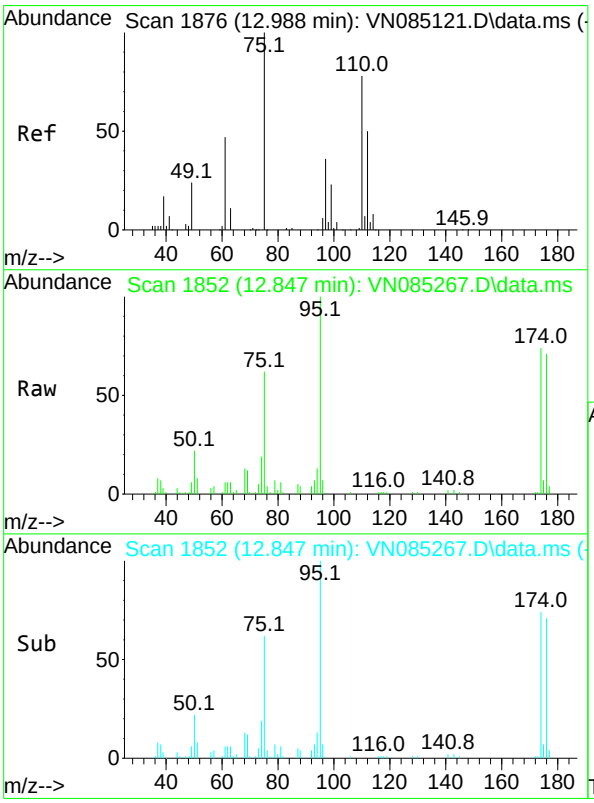
#63
Toluene-d8
Concen: 28.749 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 98 Resp: 157941

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

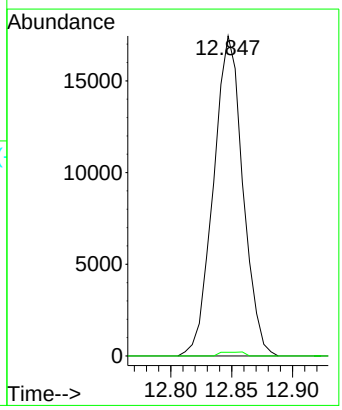


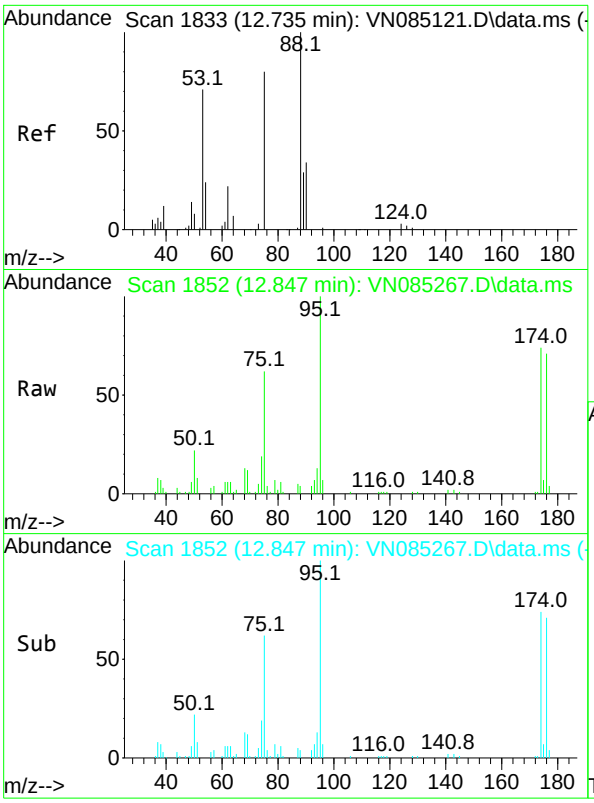


#72
1,2,3-Trichloropropane
Concen: 14.453 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Tgt Ion: 75 Resp: 29344

Ion	Ratio	Lower	Upper
75	100		
77	0.2	0.0	339.0





#77
t-1,4-Dichloro-2-butene
Concen: 39.775 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.112 min
Lab File: VN085267.D
Acq: 19 Dec 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 29344

Ion	Ratio	Lower	Upper
75	100		
53	0.0	49.1	147.3#
89	0.0	22.9	68.5#