Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090822\
Data File : VN074359.D
Acq On : 08 Sep 2022 15:31
Operator : JC\MD
Sample : VN0908WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 09 05:36:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090822W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 09 05:24:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	7.587	128	76505	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	462979	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	382370	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	251874	32.066	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 106.900%			
60) 4-Bromofluorobenzene	12.674	95	198312	25.935	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 86.433%			
63) Toluene-d8	10.380	98	682498	31.778	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 105.933%			
Target Compounds						Qvalue
12) Methyl Acetate	4.781	43	2451	0.221	ug/l #	49
13) Acrolein	3.981	56	754	0.504	ug/l	83
18) Methylene Chloride	5.016	84	1398	0.215	ug/l #	63
45) 1,4-Dioxane	9.516	88	209	1.098	ug/l #	43
56) Bromoform	12.674	173	1771	0.301	ug/l #	1
59) 2-Hexanone	11.022	43	2272	0.245	ug/l #	87
91) Naphthalene	15.445	128	9759	0.357	ug/l #	82

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

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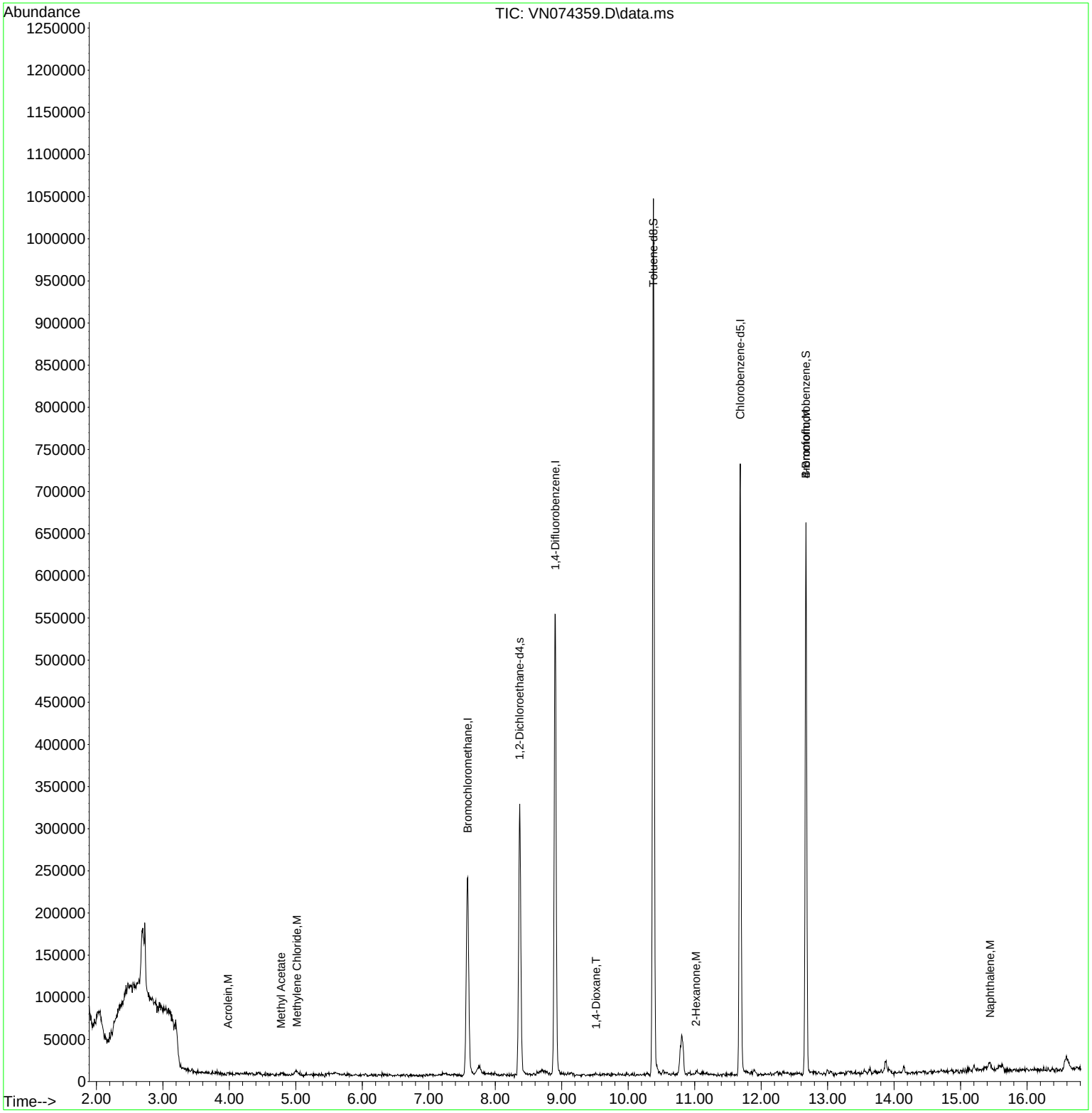
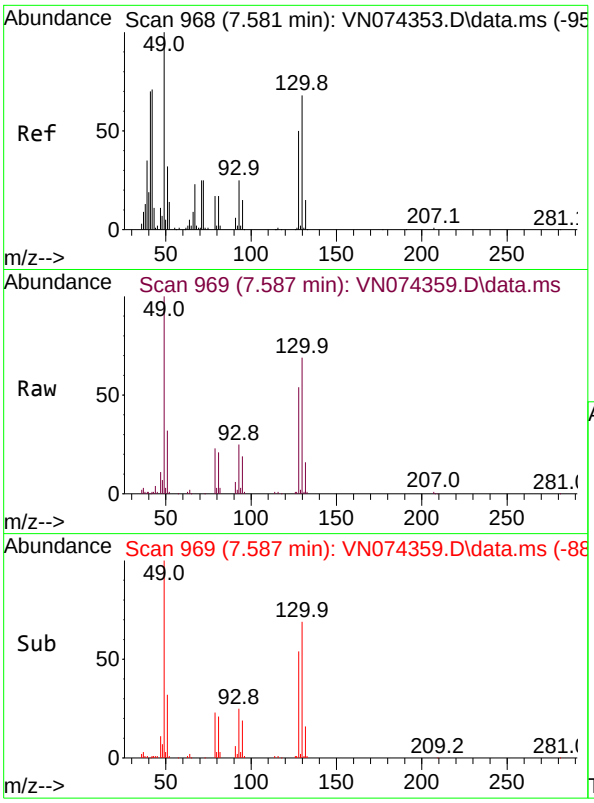


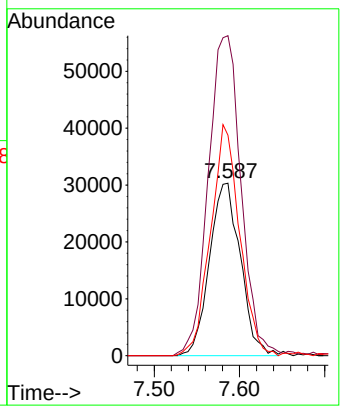


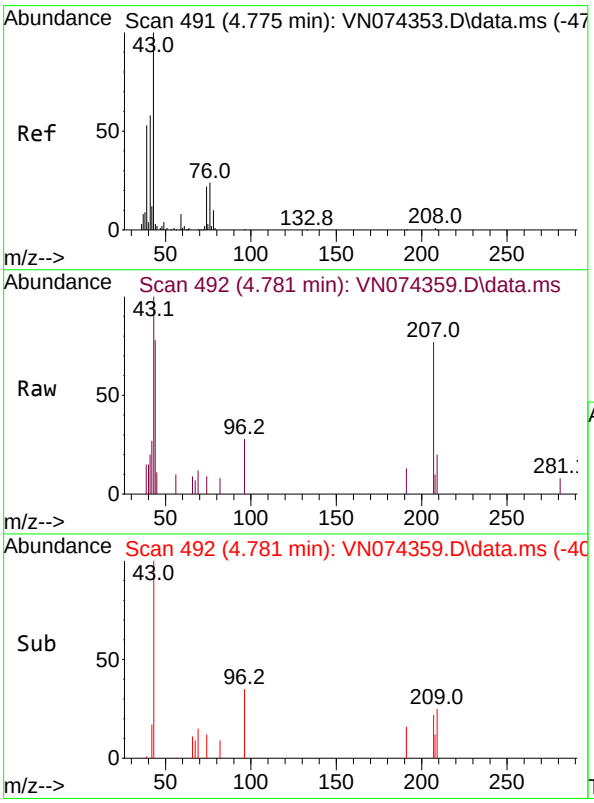
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 9
Delta R.T. 0.005 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 76505

Ion	Ratio	Lower	Upper
128	100		
49	196.3	0.0	392.3
130	126.2	0.0	320.2

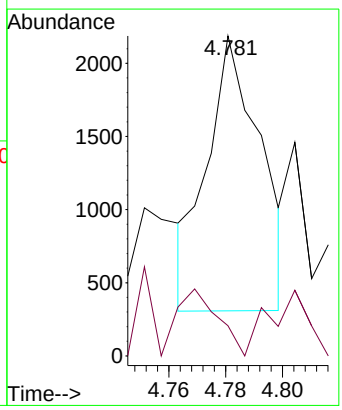


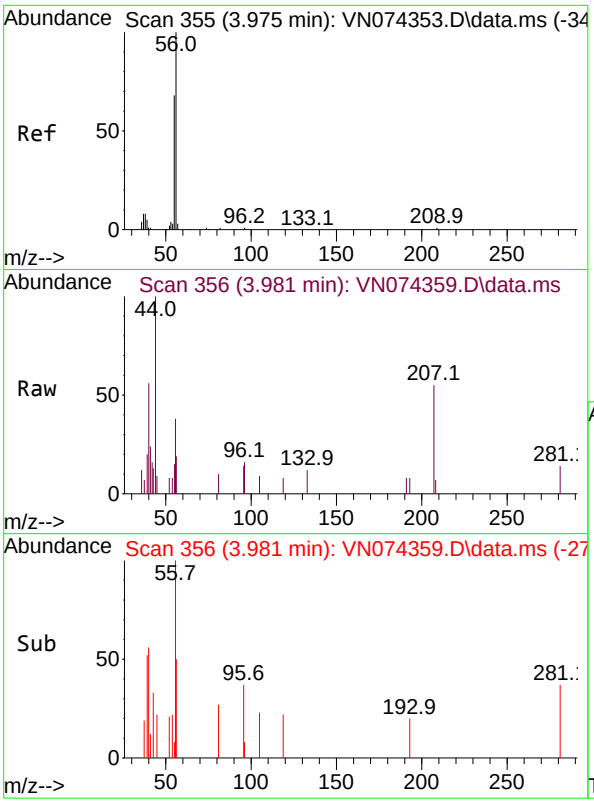


#12
Methyl Acetate
Concen: 0.221 ug/l
RT: 4.781 min Scan# 492
Delta R.T. 0.006 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion: 43 Resp: 2451

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.8	31.2#



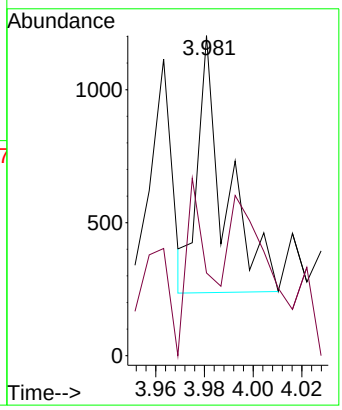


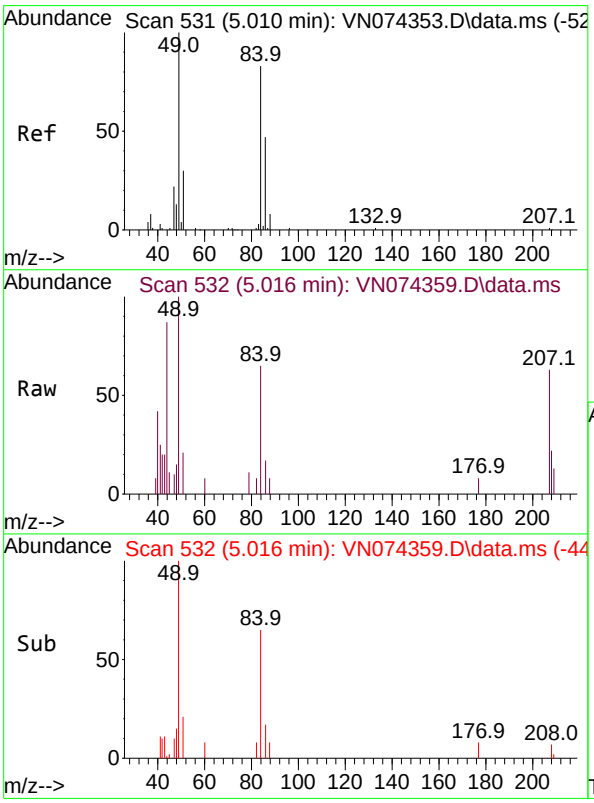
#13
Acrolein
Concen: 0.504 ug/l
RT: 3.981 min Scan# 3
Delta R.T. 0.006 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 754

Ion	Ratio	Lower	Upper
56	100		
55	58.0	57.6	86.4

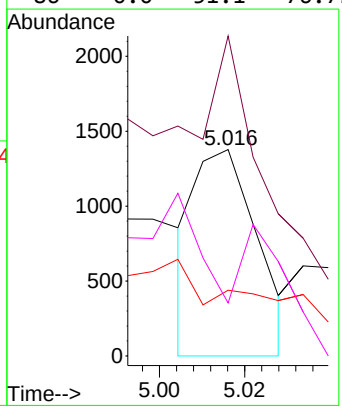


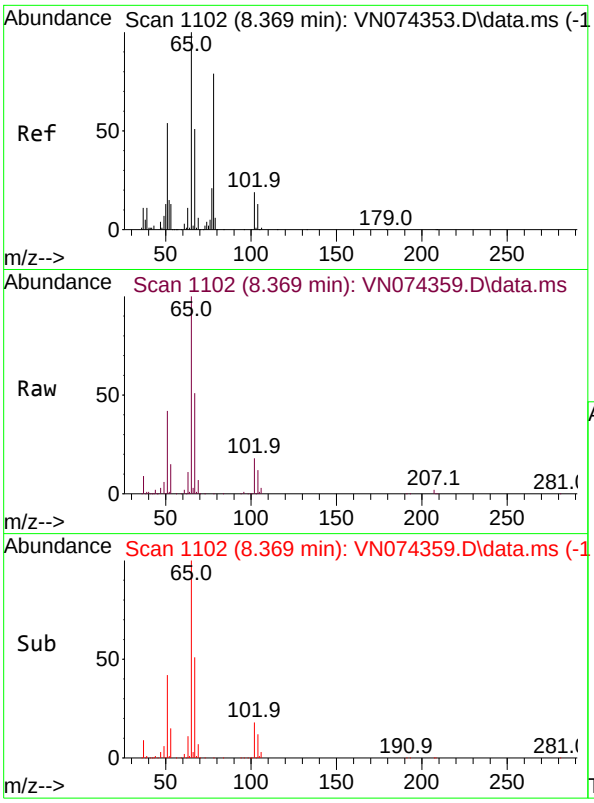


#18
Methylene Chloride
Concen: 0.215 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion: 84 Resp: 1398

Ion	Ratio	Lower	Upper
84	100		
49	121.7	91.4	137.0
51	7.1	29.4	44.0#
86	0.0	51.1	76.7#



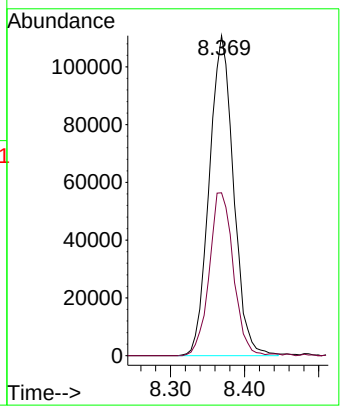


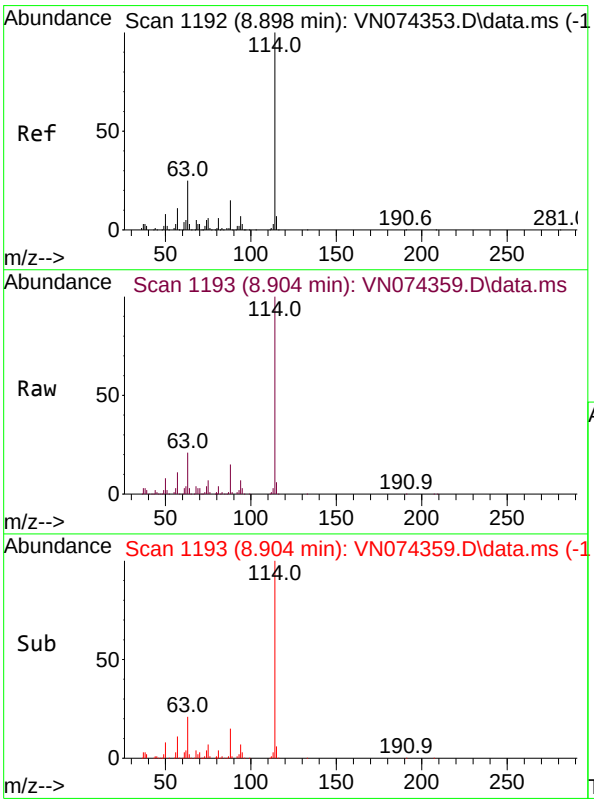
#27
1,2-Dichloroethane-d4
Concen: 32.066 ug/l
RT: 8.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 65 Resp: 251874

Ion	Ratio	Lower	Upper
65	100		
67	50.5	40.2	60.2

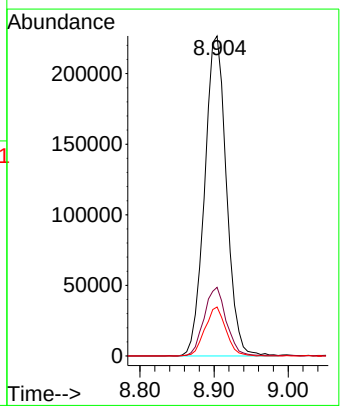


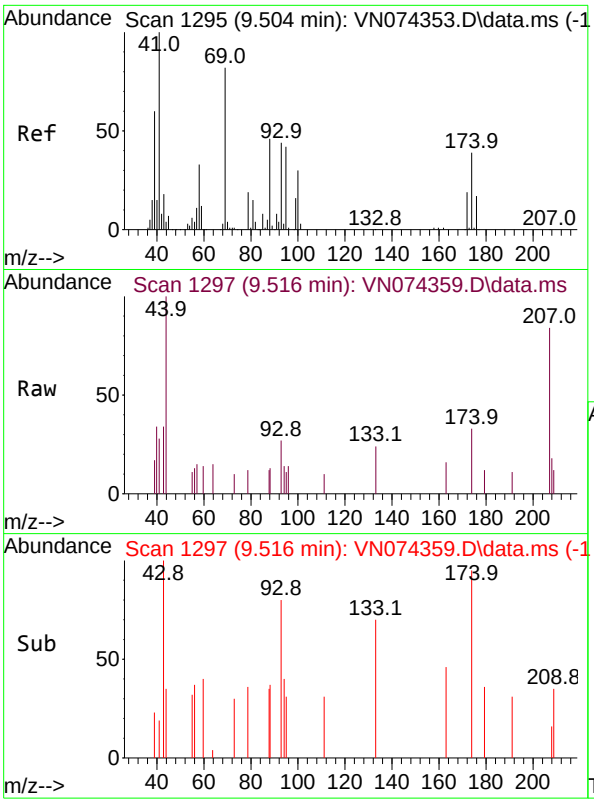


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion:114 Resp: 462979

Ion	Ratio	Lower	Upper
114	100		
63	21.9	15.8	23.6
88	14.7	11.6	17.4



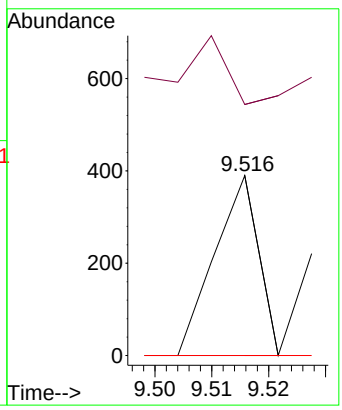


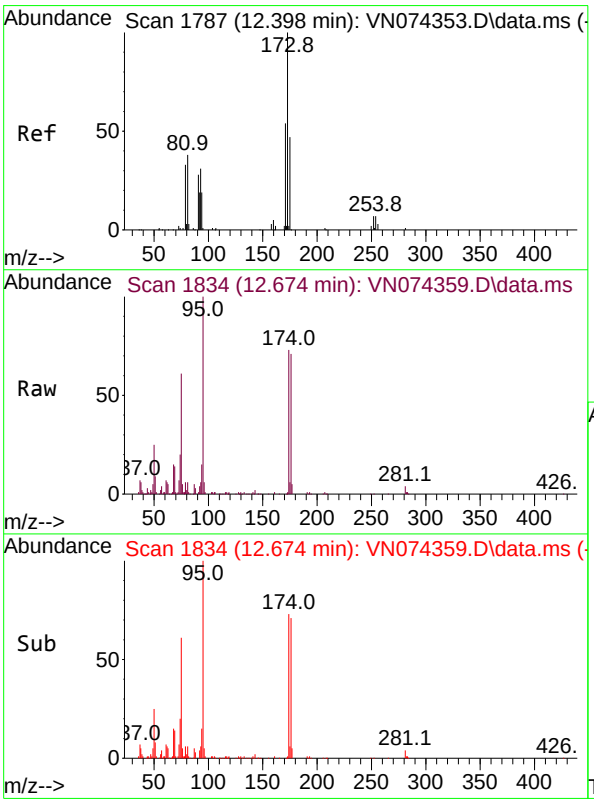
#45
1,4-Dioxane
Concen: 1.098 ug/l
RT: 9.516 min Scan# 1
Delta R.T. 0.012 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 88 Resp: 209

Ion	Ratio	Lower	Upper
88	100		
43	25.4	25.0	37.6
58	0.0	49.4	74.2#

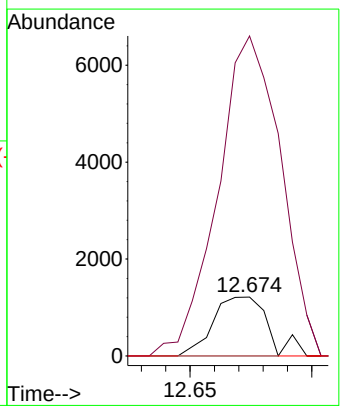


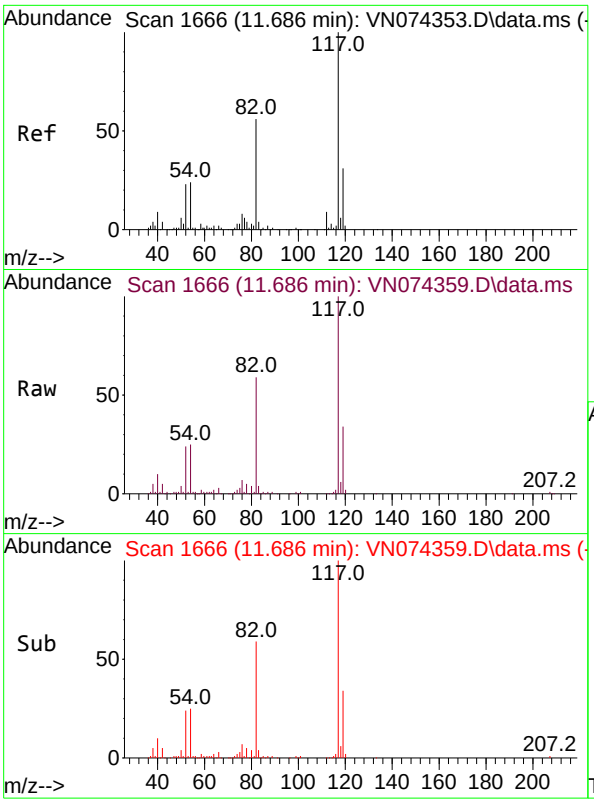


#56
Bromoform
Concen: 0.301 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.277 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion:173 Resp: 1771

Ion	Ratio	Lower	Upper
173	100		
175	671.5	38.6	58.0#
254	0.0	0.0	0.0



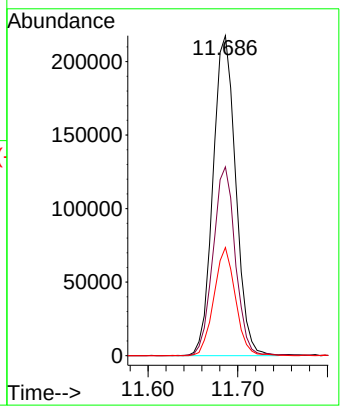


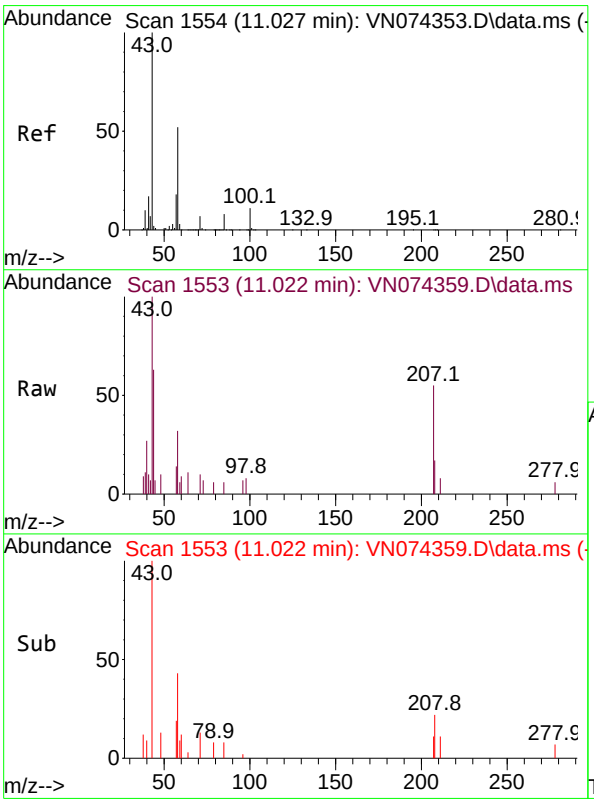
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:117 Resp: 382370

Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.6	65.4
119	31.9	25.8	38.6

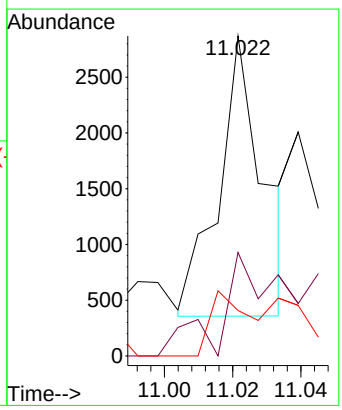


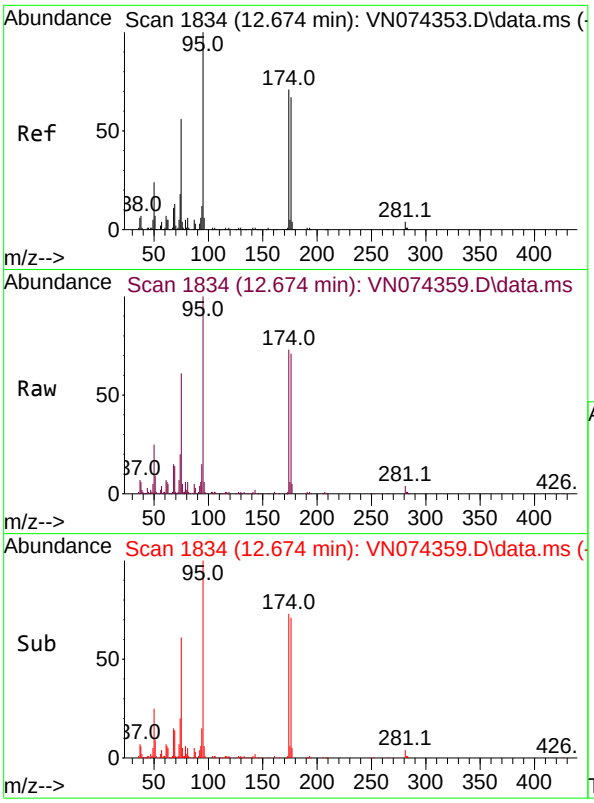


#59
2-Hexanone
Concen: 0.245 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion: 43 Resp: 2272

Ion	Ratio	Lower	Upper
43	100		
58	41.0	42.2	63.2#
57	20.4	15.0	22.4



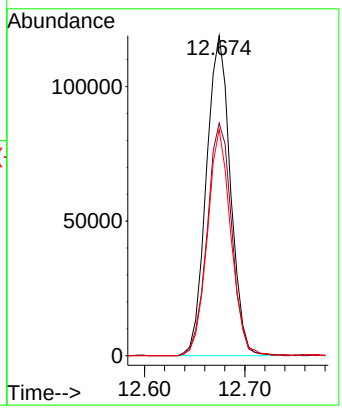


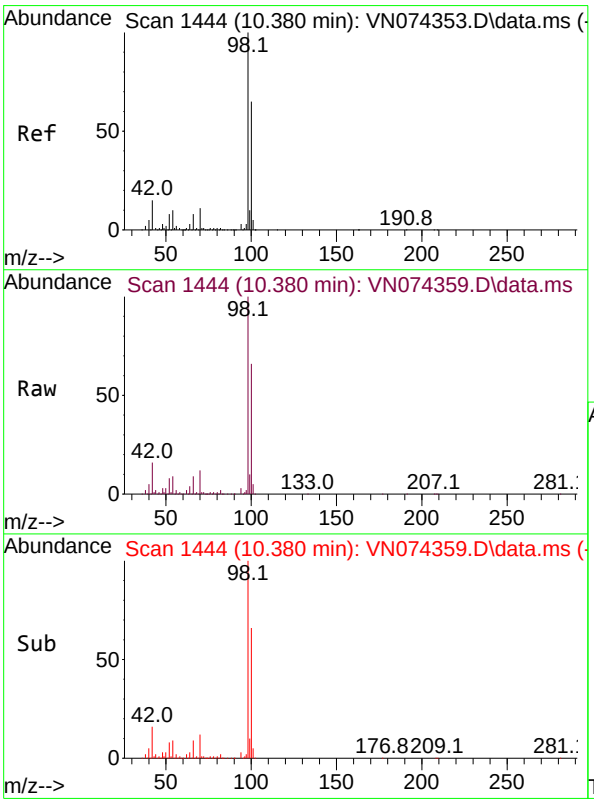
#60
4-Bromofluorobenzene
Concen: 25.935 ug/l
RT: 12.674 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 95 Resp: 198312

Ion	Ratio	Lower	Upper
95	100		
174	74.0	62.9	94.3
176	69.1	61.0	91.4

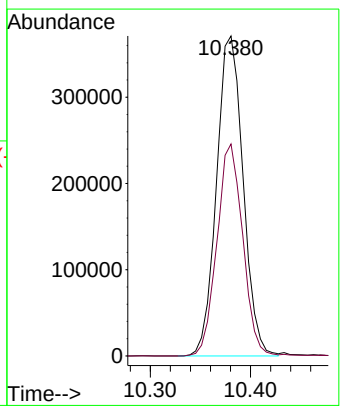


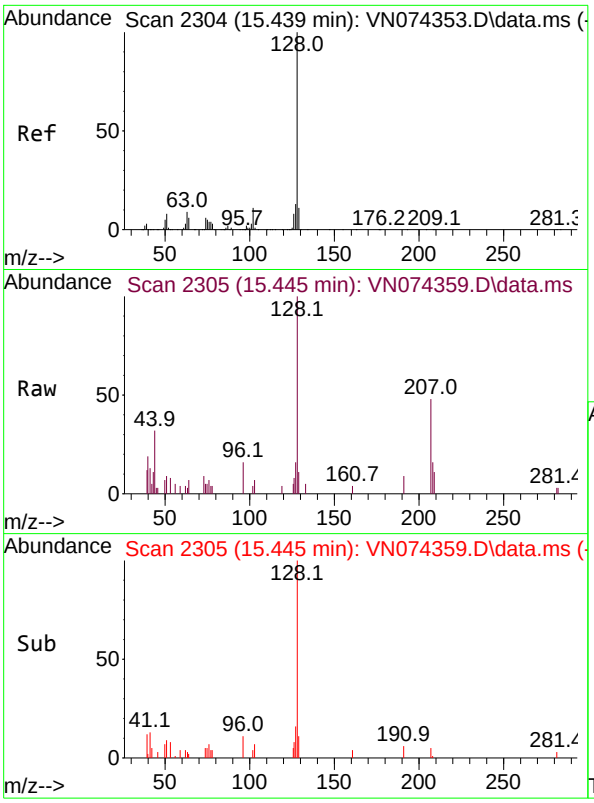


#63
Toluene-d8
Concen: 31.778 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Tgt Ion: 98 Resp: 682498

Ion	Ratio	Lower	Upper
98	100		
100	64.5	50.6	76.0





#91
Naphthalene
Concen: 0.357 ug/l
RT: 15.445 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN074359.D
Acq: 08 Sep 2022 15:31

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 9759

Ion	Ratio	Lower	Upper
128	100		
127	5.3	10.7	16.1#
129	5.5	9.0	13.6#