Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102122\
Data File : VN074959.D
Acq On : 21 Oct 2022 14:11
Operator : JC\MD
Sample : N5222-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Quant Time: Oct 22 02:52:57 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 09:37:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	844649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	1387210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	1314108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	687871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	885593	39.462	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.920%		
35) Dibromofluoromethane	8.171	113	731547	44.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.620%		
50) Toluene-d8	10.565	98	2785594	43.971	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	87.940%		
62) 4-Bromofluorobenzene	12.847	95	940477	42.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	84.180%		
Target Compounds						Qvalue
30) Chloroform	7.971	83	13340	0.406	ug/l	90
64) Tetrachloroethene	11.106	164	13428	1.250	ug/l	91
67) Ethyl Benzene	11.971	91	34439	0.488	ug/l #	85
78) n-propylbenzene	13.041	91	20917	0.318	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	47292	0.965	ug/l	97

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

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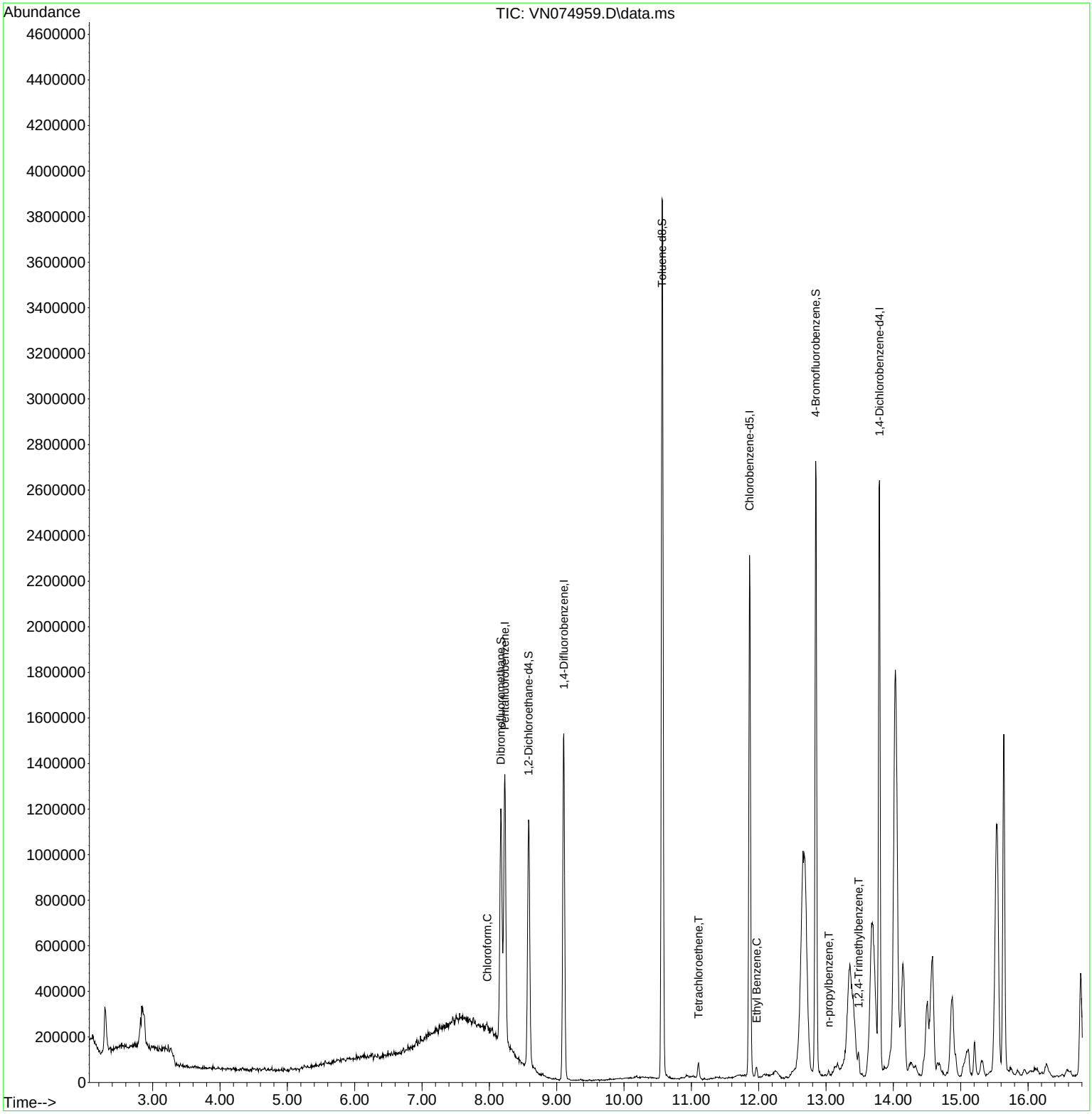
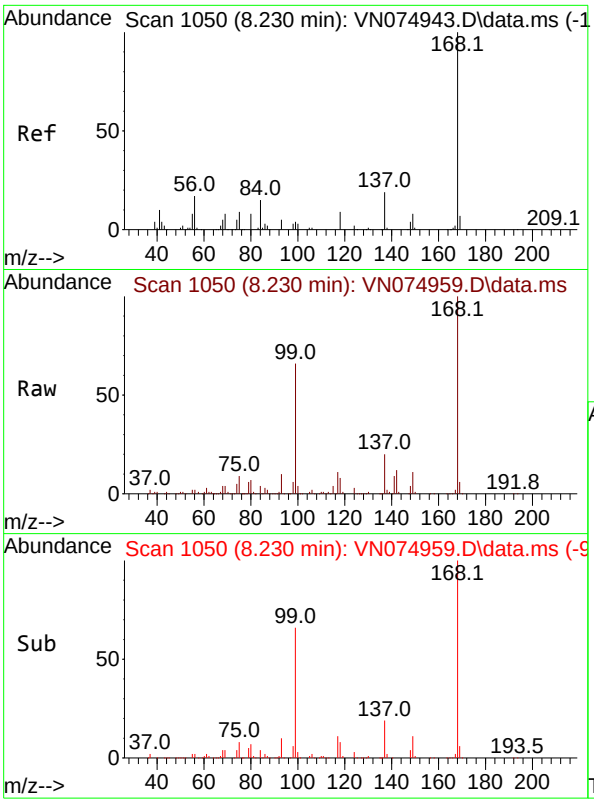


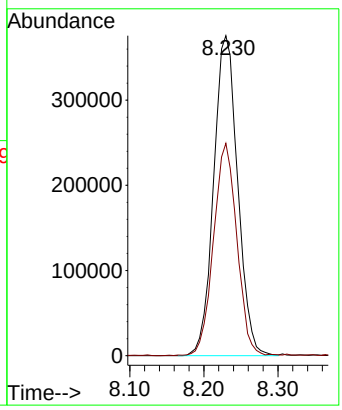


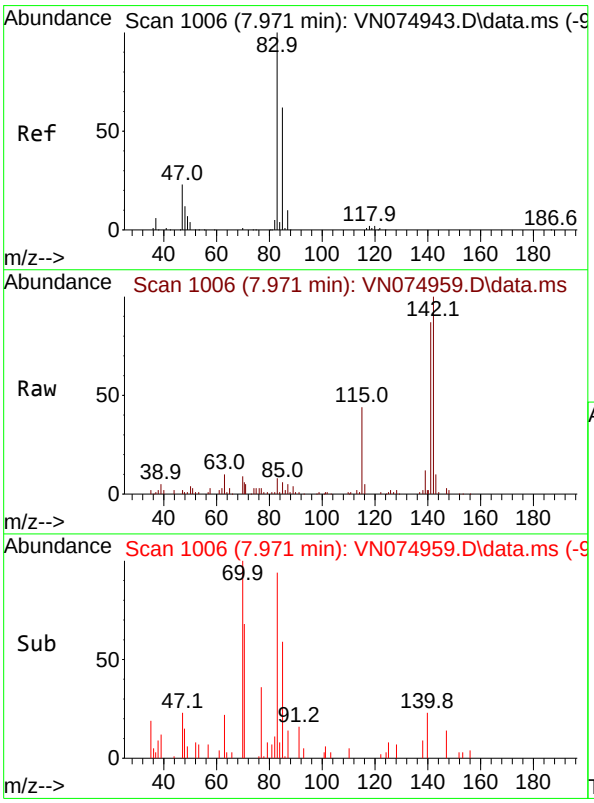
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion:168 Resp: 844649

Ion	Ratio	Lower	Upper
168	100		
99	66.2	52.2	78.4

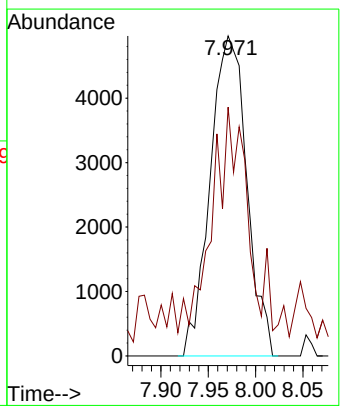


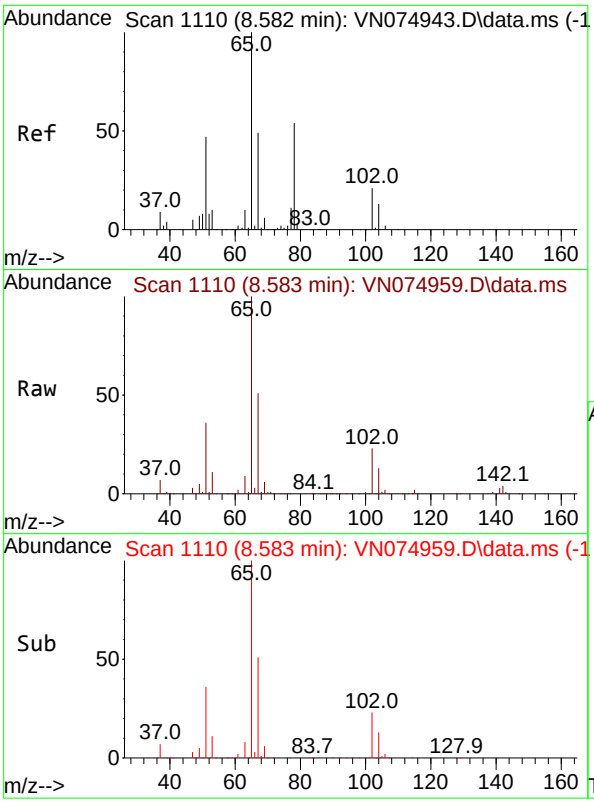


#30
Chloroform
Concen: 0.406 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Tgt Ion: 83 Resp: 13340

Ion	Ratio	Lower	Upper
83	100		
85	70.5	49.9	74.9



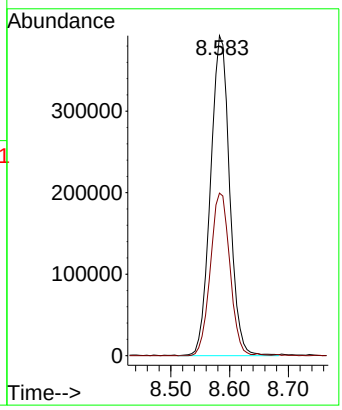


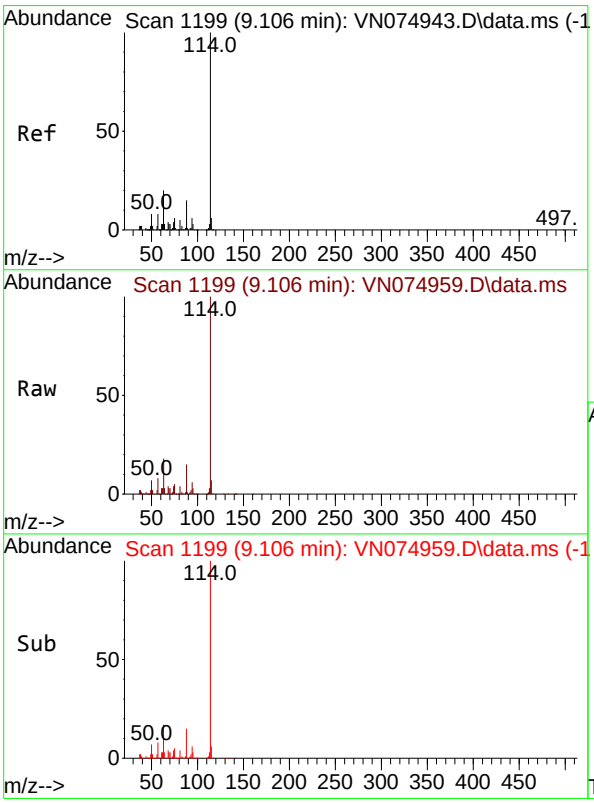
#33
1,2-Dichloroethane-d4
Concen: 39.462 ug/l
RT: 8.583 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion: 65 Resp: 885593

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.6

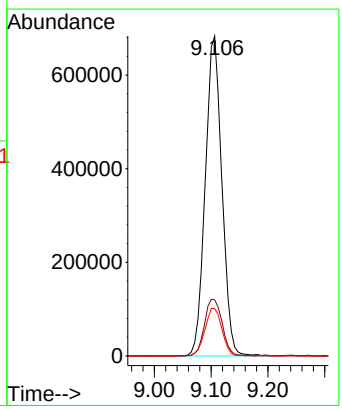


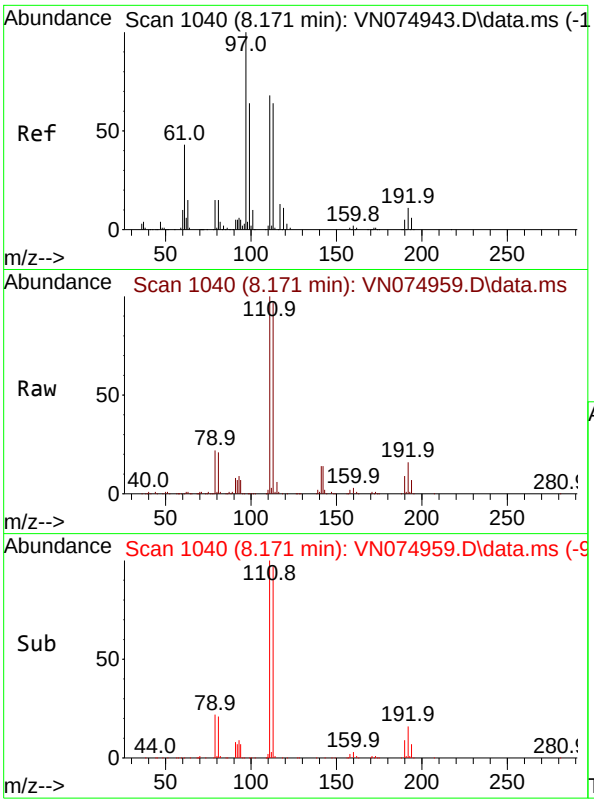


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Tgt Ion:114 Resp: 1387210

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	39.8
88	14.8	0.0	30.4



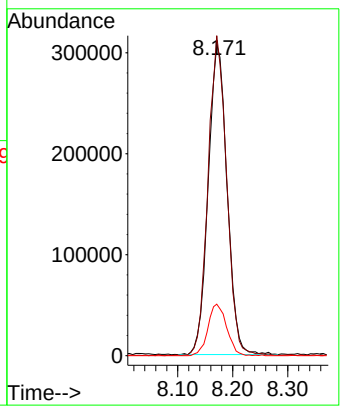


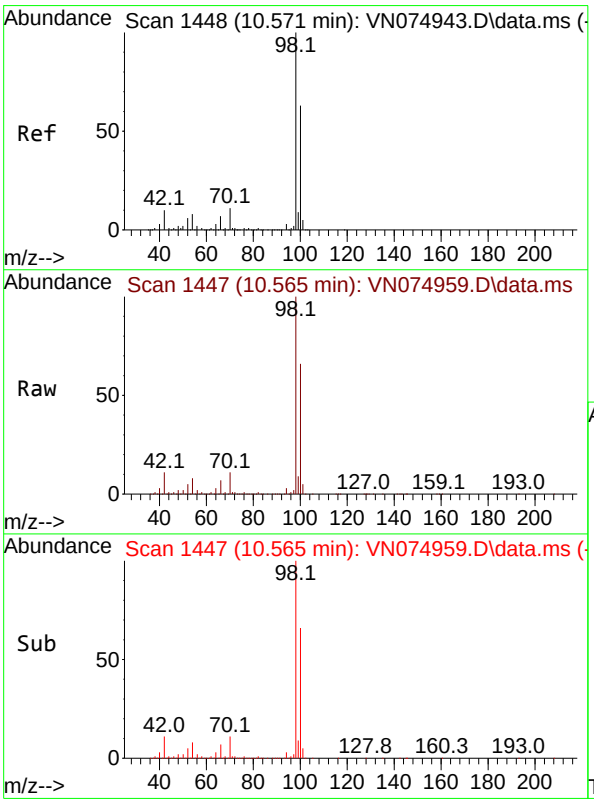
#35
Dibromofluoromethane
Concen: 44.306 ug/l
RT: 8.171 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion:113 Resp: 731547

Ion	Ratio	Lower	Upper
113	100		
111	101.9	83.4	125.2
192	16.5	13.3	19.9

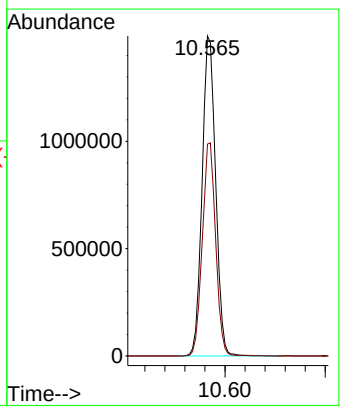


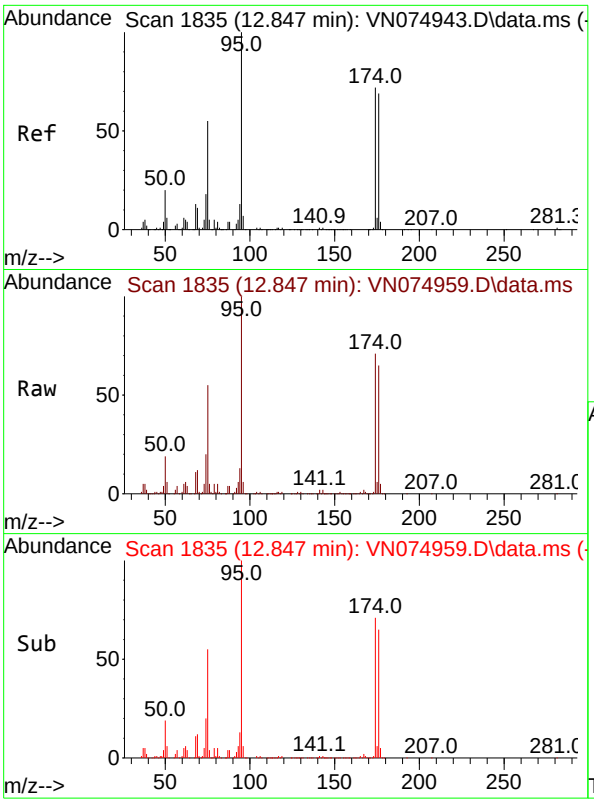


#50
Toluene-d8
Concen: 43.971 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Tgt Ion: 98 Resp: 2785594

Ion	Ratio	Lower	Upper
98	100		
100	65.8	51.4	77.2



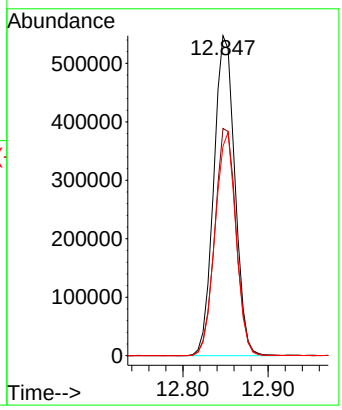


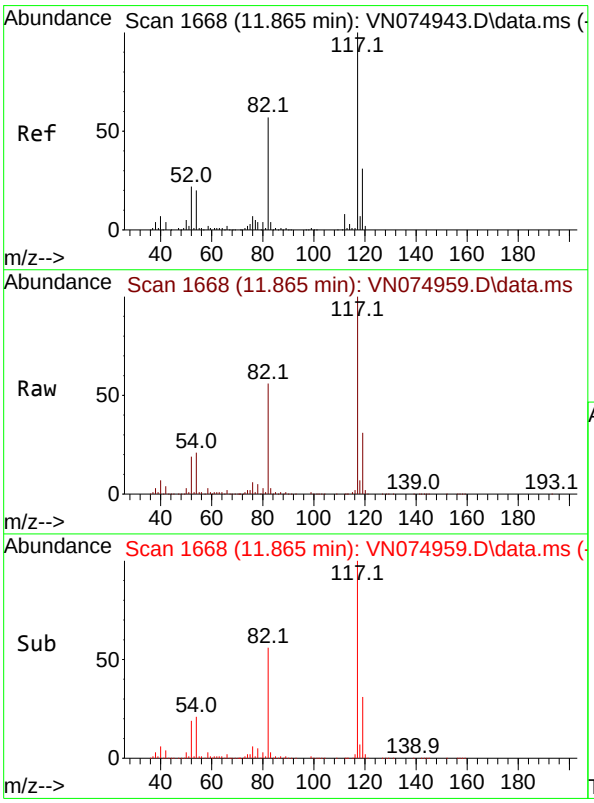
#62
4-Bromofluorobenzene
Concen: 42.087 ug/l
RT: 12.847 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion: 95 Resp: 940477

Ion	Ratio	Lower	Upper
95	100		
174	72.0	0.0	143.0
176	69.1	0.0	138.2

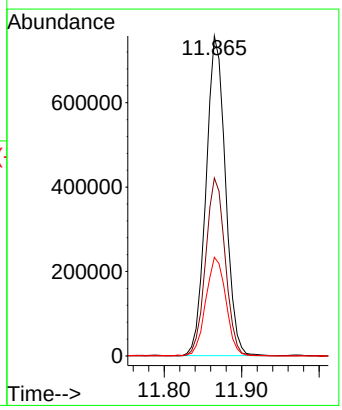


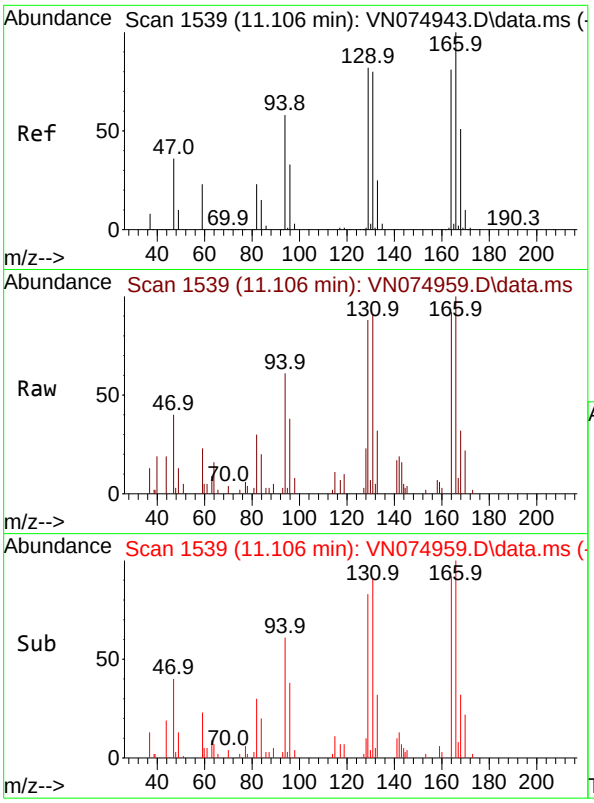


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Tgt Ion:117 Resp: 1314108

Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.6	68.4
119	30.9	25.1	37.7



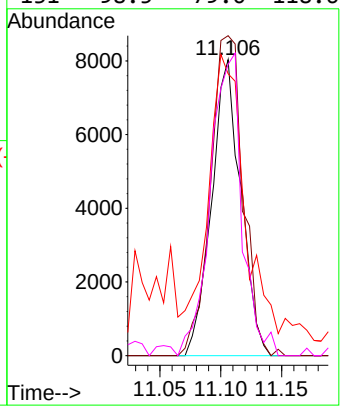


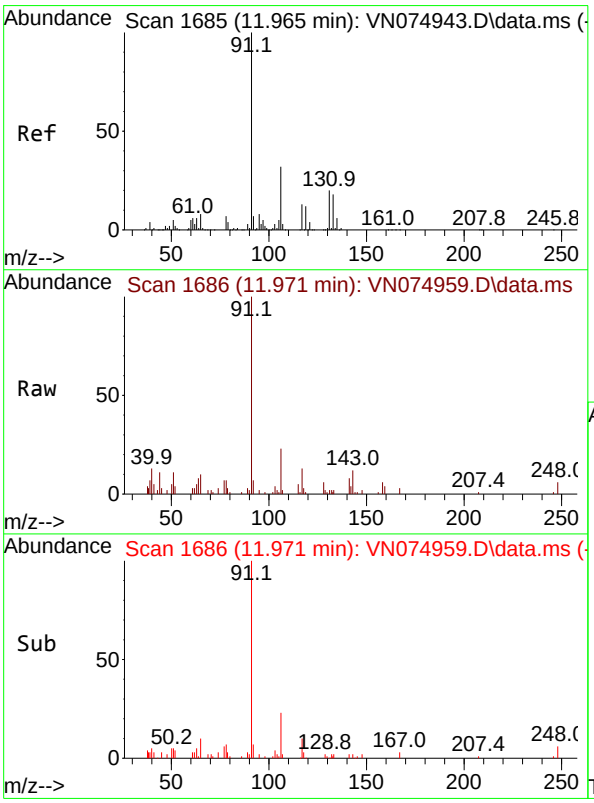
#64
Tetrachloroethene
Concen: 1.250 ug/l
RT: 11.106 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion:164 Resp: 13428

Ion	Ratio	Lower	Upper
164	100		
166	108.1	98.6	148.0
129	87.8	81.2	121.8
131	98.5	79.0	118.6

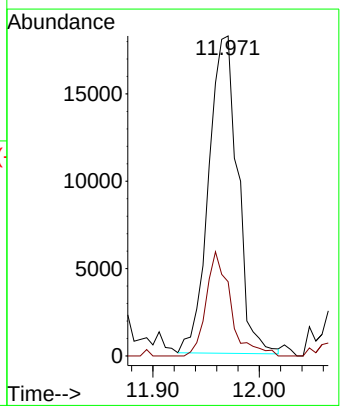


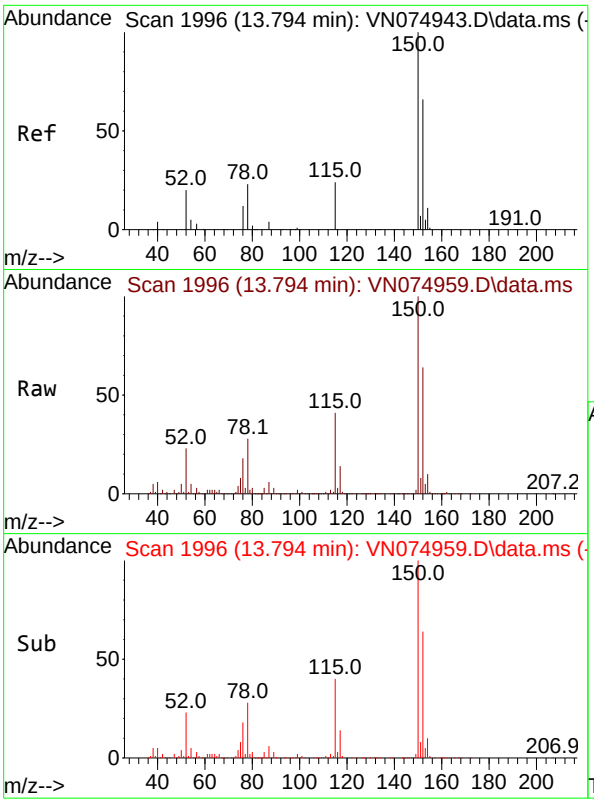


#67
Ethyl Benzene
Concen: 0.488 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Tgt Ion: 91 Resp: 34439

Ion	Ratio	Lower	Upper
91	100		
106	23.4	25.4	38.2#



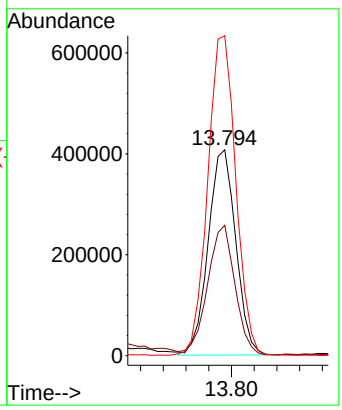


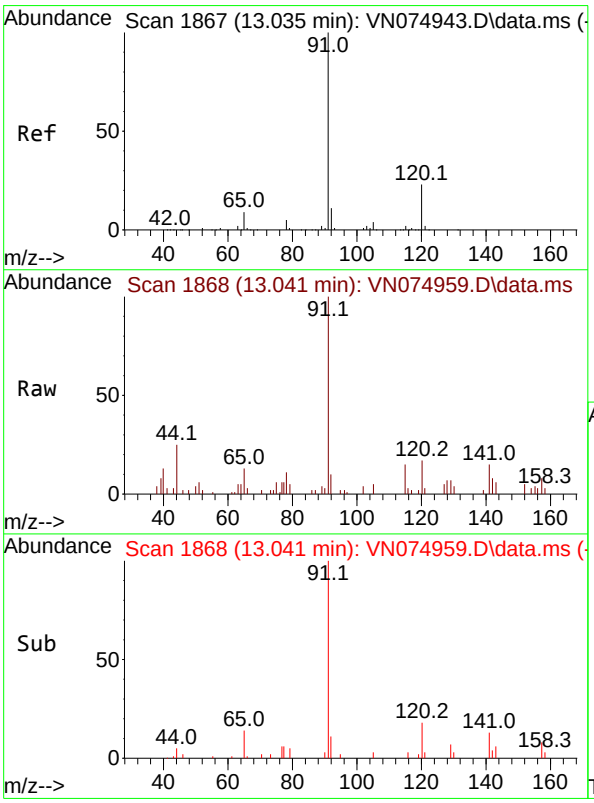
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion:152 Resp: 687871

Ion	Ratio	Lower	Upper
152	100		
115	62.4	31.3	93.8
150	157.9	0.0	349.6

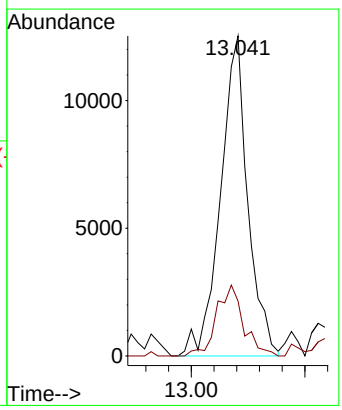


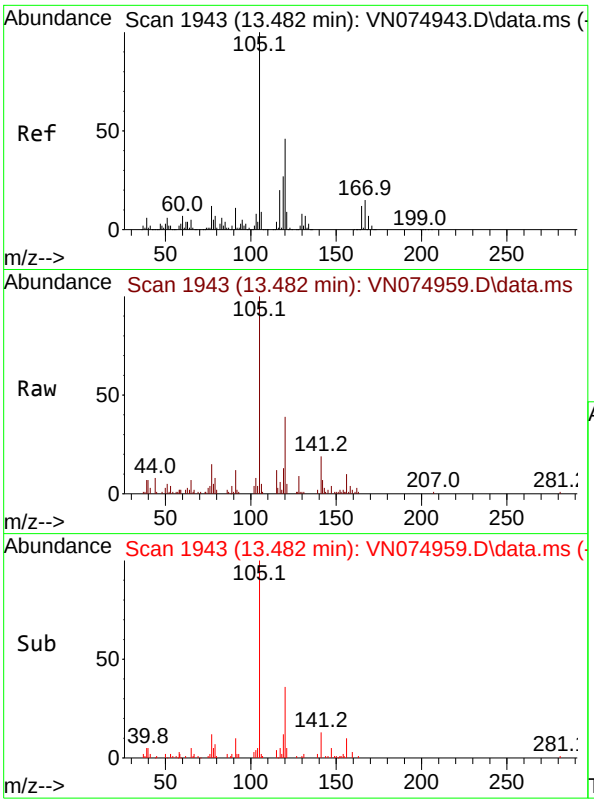


#78
n-propylbenzene
Concen: 0.318 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Tgt Ion: 91 Resp: 20917

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.5	34.4





#84
1,2,4-Trimethylbenzene
Concen: 0.965 ug/l
RT: 13.482 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN074959.D
Acq: 21 Oct 2022 14:11

Instrument :
MSVOA_N
ClientSampleId :
MW-13D

Tgt Ion:105 Resp: 47292

Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.9	68.5