Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
Data File : VD075130.D
Acq On : 18 Jan 2023 13:38
Operator : KP/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Quant Time: Jan 19 01:37:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	116149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	197314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	86247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58536	49.389	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 98.780%			
35) Dibromofluoromethane	7.810	113	65427	49.160	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.320%			
50) Toluene-d8	10.269	98	261555	49.913	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.820%			
62) 4-Bromofluorobenzene	12.575	95	83905	50.451	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.900%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.169	101	2390	1.168	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.975	101	1648	1.305	ug/l	88
68) m/p-Xylenes	11.792	106	3079	1.095	ug/l	90
96) 1,2,3-Trichlorobenzene	15.528	180	1619	1.120	ug/l	91

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

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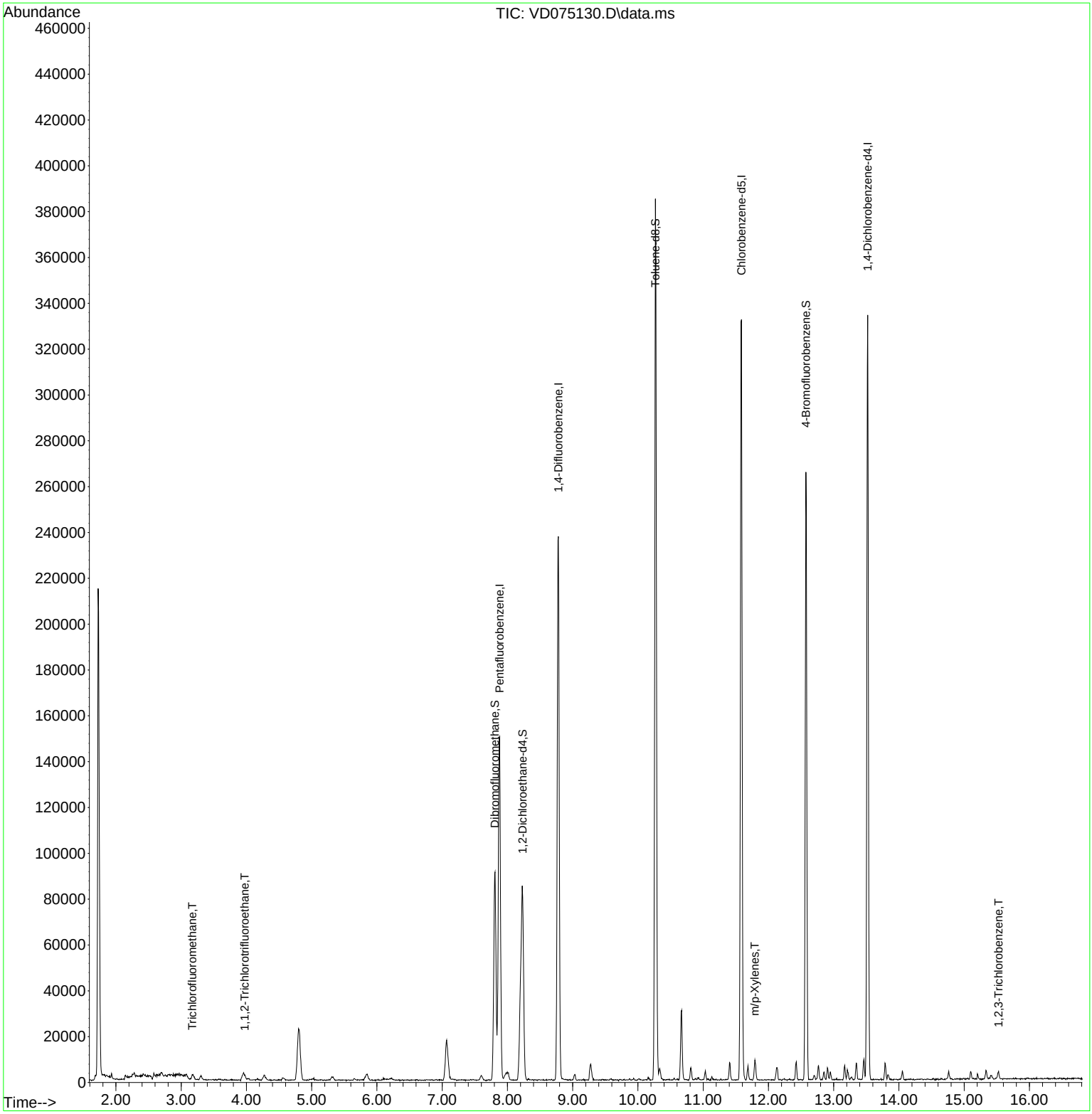
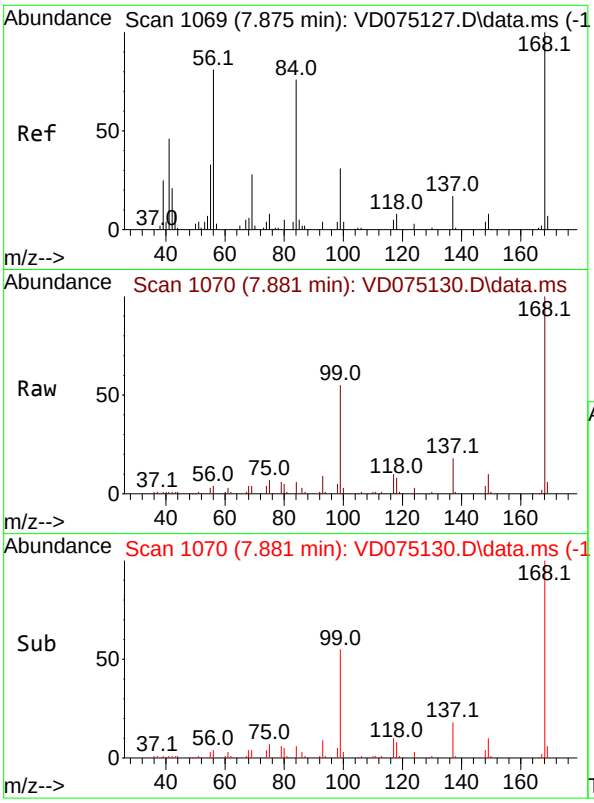


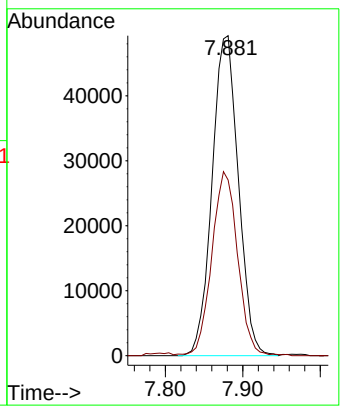


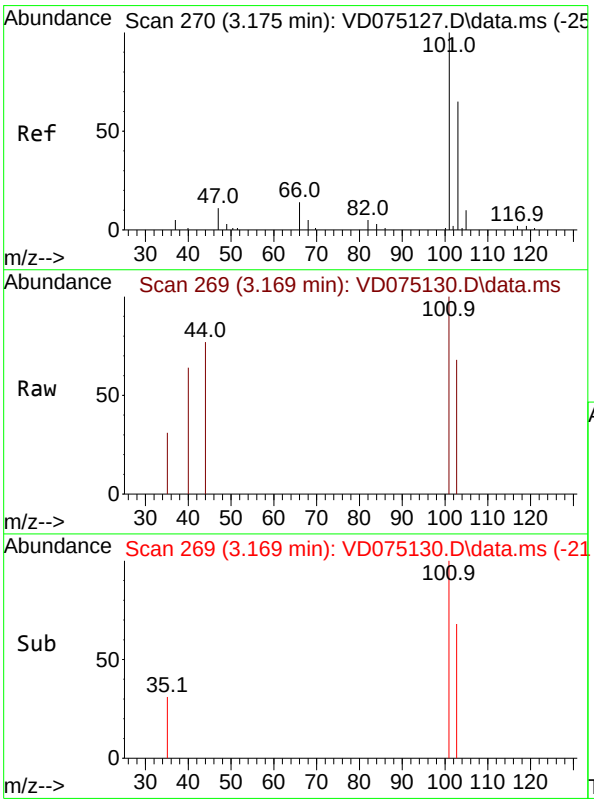
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 116149

Ion	Ratio	Lower	Upper
168	100		
99	54.5	45.2	67.8

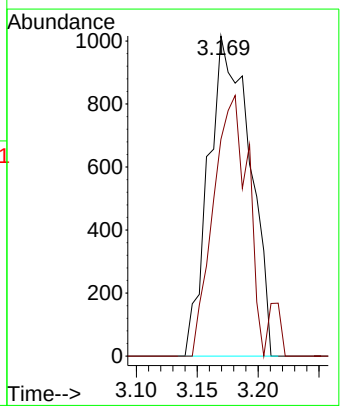


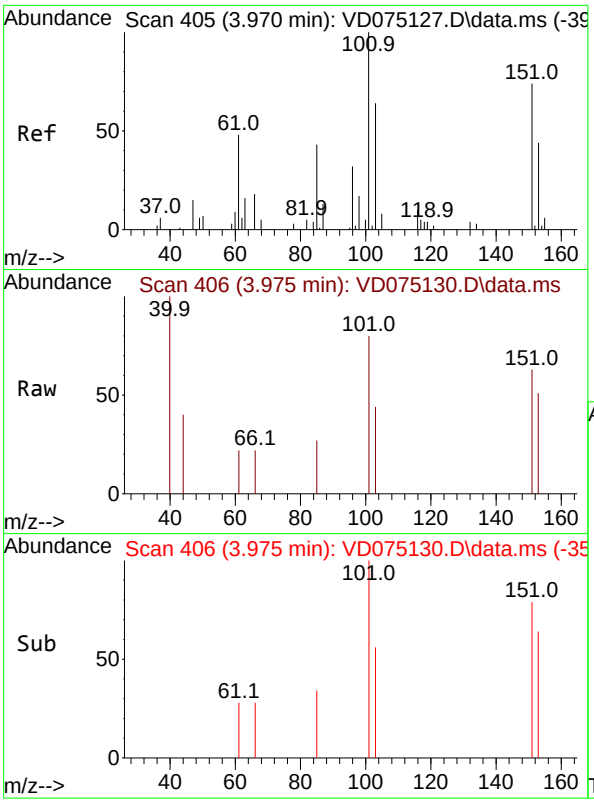


#7
Trichlorofluoromethane
Concen: 1.168 ug/l
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion:101 Resp: 2390

Ion	Ratio	Lower	Upper
101	100		
103	67.7	52.2	78.4



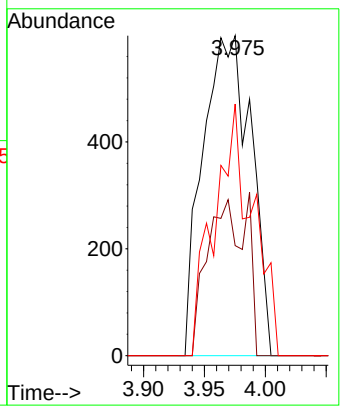


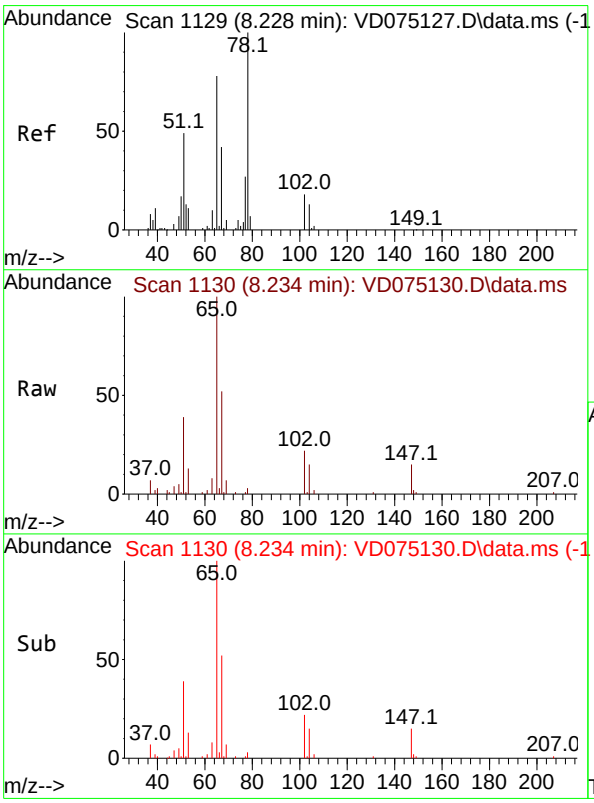
#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.305 ug/l
RT: 3.975 min Scan# 4
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:101 Resp: 1648

Ion	Ratio	Lower	Upper
101	100		
85	39.6	36.9	55.3
151	62.9	58.9	88.3

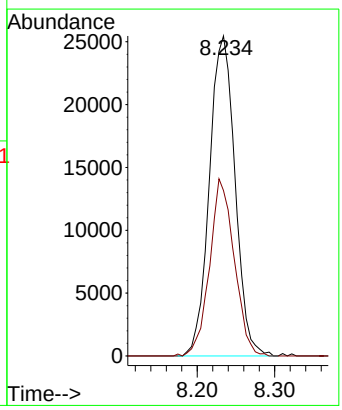


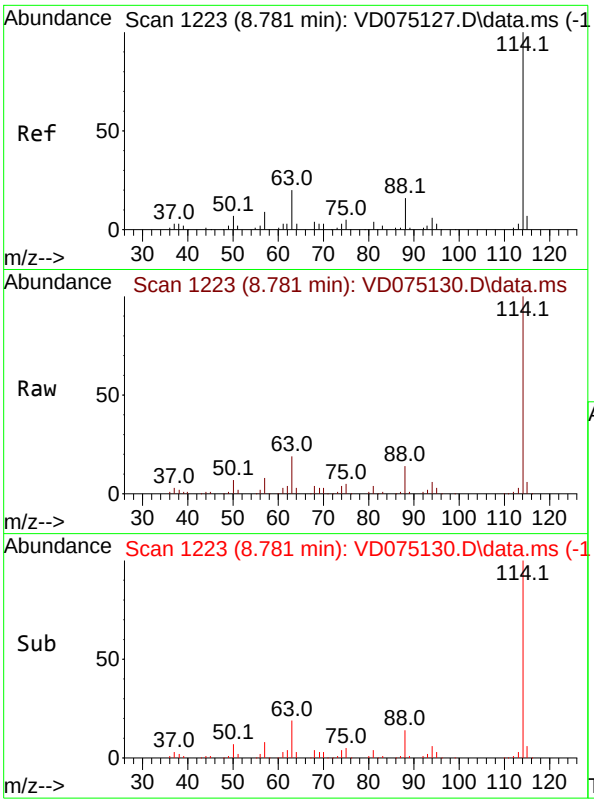


#33
1,2-Dichloroethane-d4
Concen: 49.389 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 65 Resp: 58536

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.2



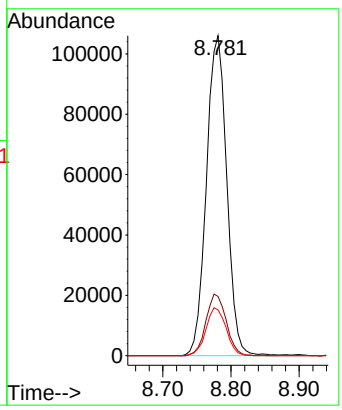


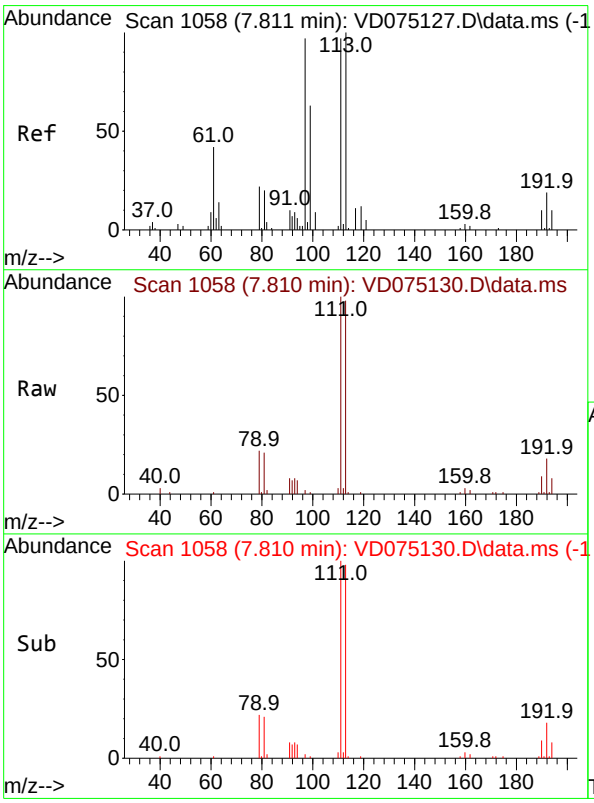
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 220250

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	40.2
88	14.3	0.0	32.2

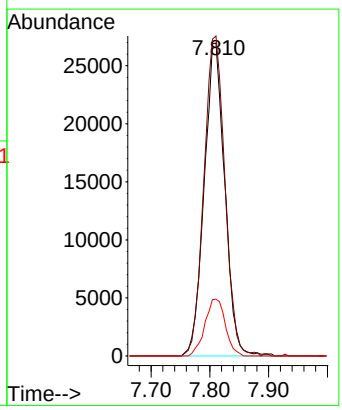


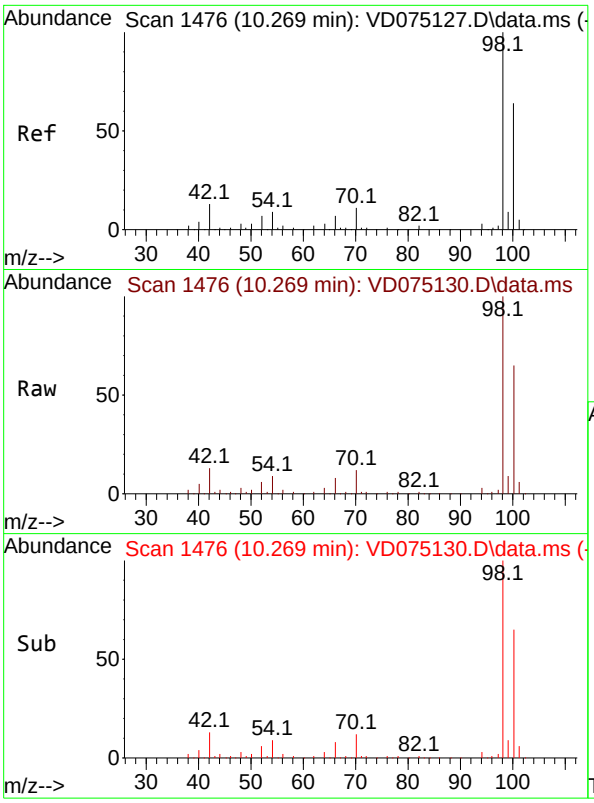


#35
Dibromofluoromethane
Concen: 49.160 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion:113 Resp: 65427

Ion	Ratio	Lower	Upper
113	100		
111	104.0	80.1	120.1
192	18.1	15.4	23.0



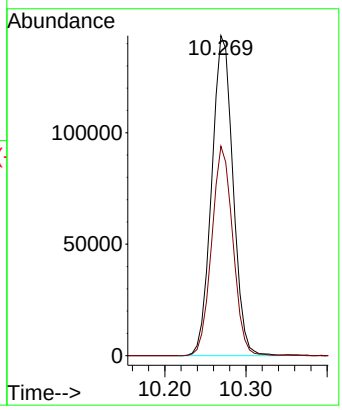


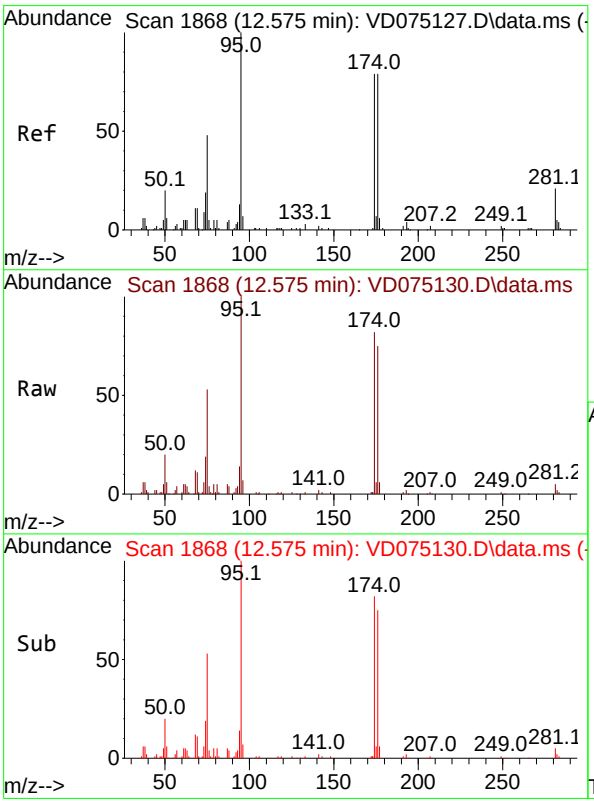
#50
Toluene-d8
Concen: 49.913 ug/l
RT: 10.269 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 261555

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.7	79.1

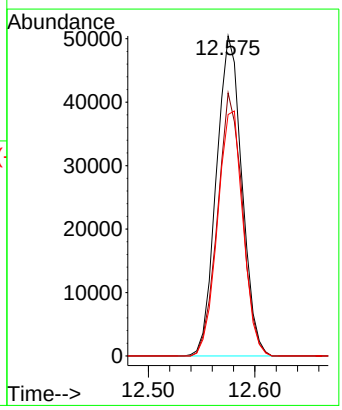


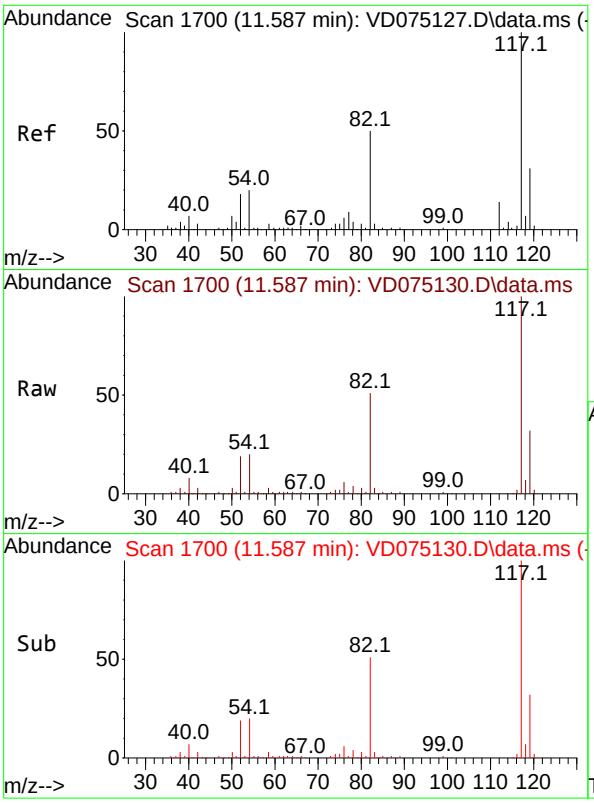


#62
4-Bromofluorobenzene
Concen: 50.451 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion: 95 Resp: 83905

Ion	Ratio	Lower	Upper
95	100		
174	80.1	0.0	161.2
176	76.5	0.0	160.2



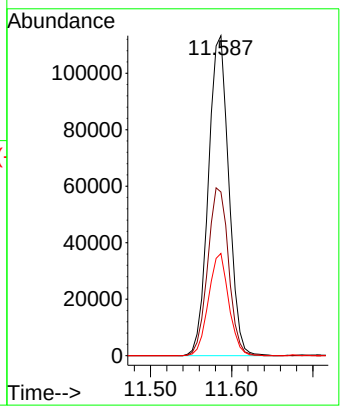


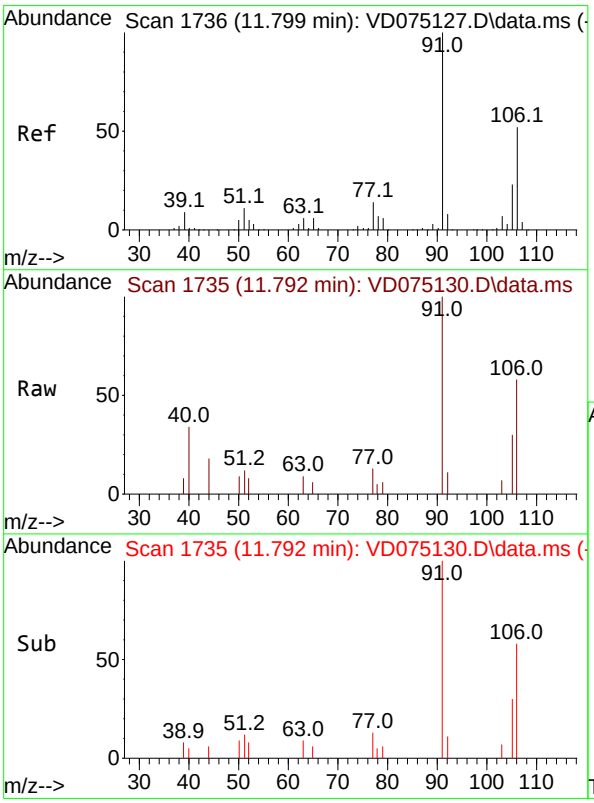
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 197314

Ion	Ratio	Lower	Upper
117	100		
82	51.1	39.6	59.4
119	32.0	24.6	37.0

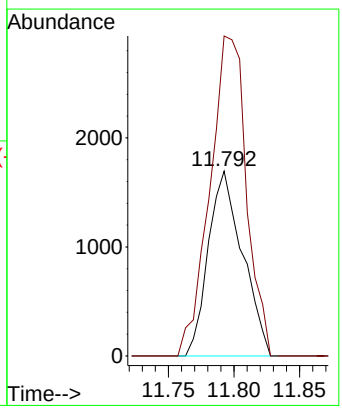


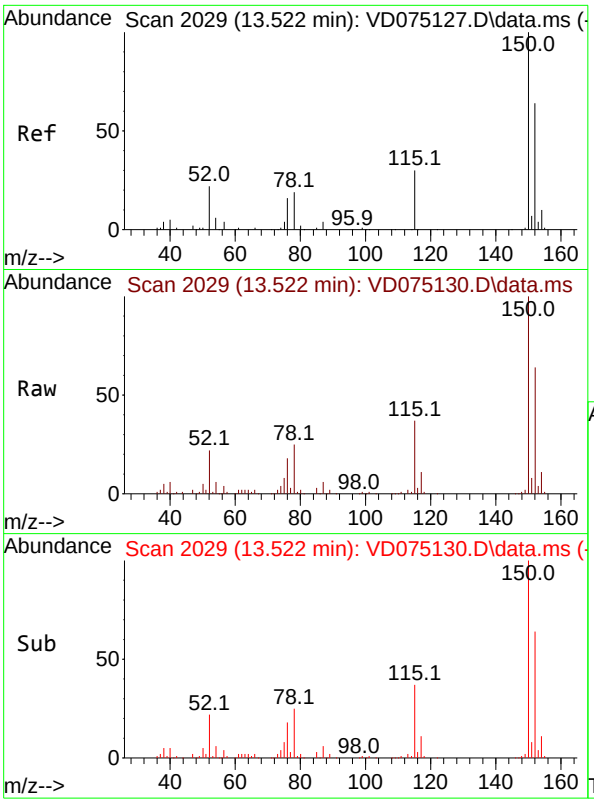


#68
m/p-Xylenes
Concen: 1.095 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion:106 Resp: 3079

Ion	Ratio	Lower	Upper
106	100		
91	184.8	160.3	240.5



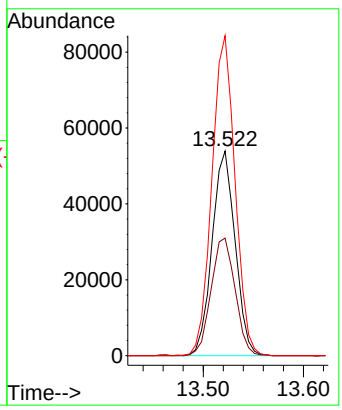


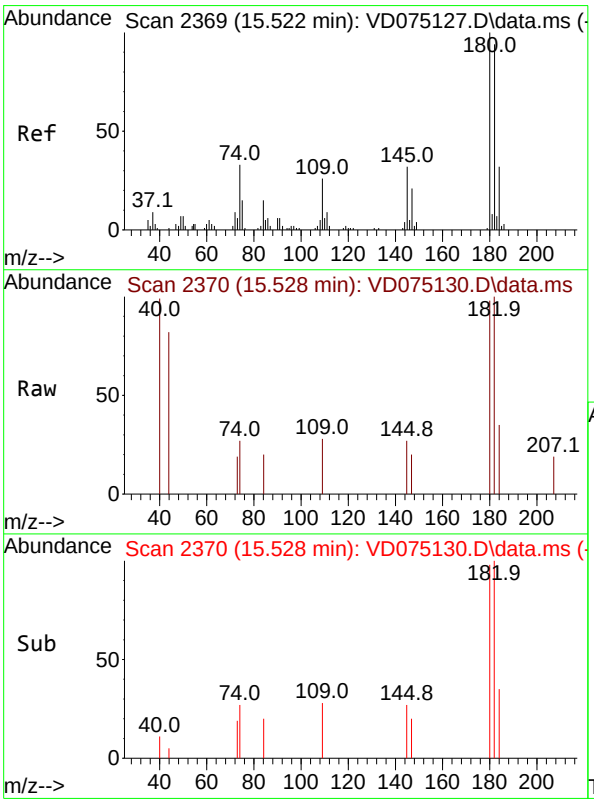
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2
Delta R.T. -0.000 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:152 Resp: 86247

Ion	Ratio	Lower	Upper
152	100		
115	60.0	28.8	86.4
150	156.7	0.0	348.6





#96
1,2,3-Trichlorobenzene
Concen: 1.120 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD075130.D
Acq: 18 Jan 2023 13:38

Tgt Ion:180 Resp: 1619

Ion	Ratio	Lower	Upper
180	100		
182	89.1	47.0	141.0
145	20.3	16.1	48.3