Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
Data File : VY010920.D
Acq On : 11 Oct 2022 16:21
Operator : KP/MD
Sample : N5018-04
Misc : 4.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Quant Time: Oct 12 04:46:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	12803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	21126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	12659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	2857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	9314	71.771	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 143.540%			
35) Dibromofluoromethane	7.722	113	6259	44.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.260%			
50) Toluene-d8	10.179	98	19947	41.592	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.180%			
62) 4-Bromofluorobenzene	12.483	95	3958	18.831	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 37.660%			
Target Compounds						Qvalue
16) Acetone	3.942	43	973	29.521	ug/l #	82
20) Methylene Chloride	4.704	84	3504	21.259	ug/l #	80
64) Tetrachloroethene	10.721	164	650	6.476	ug/l #	85

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

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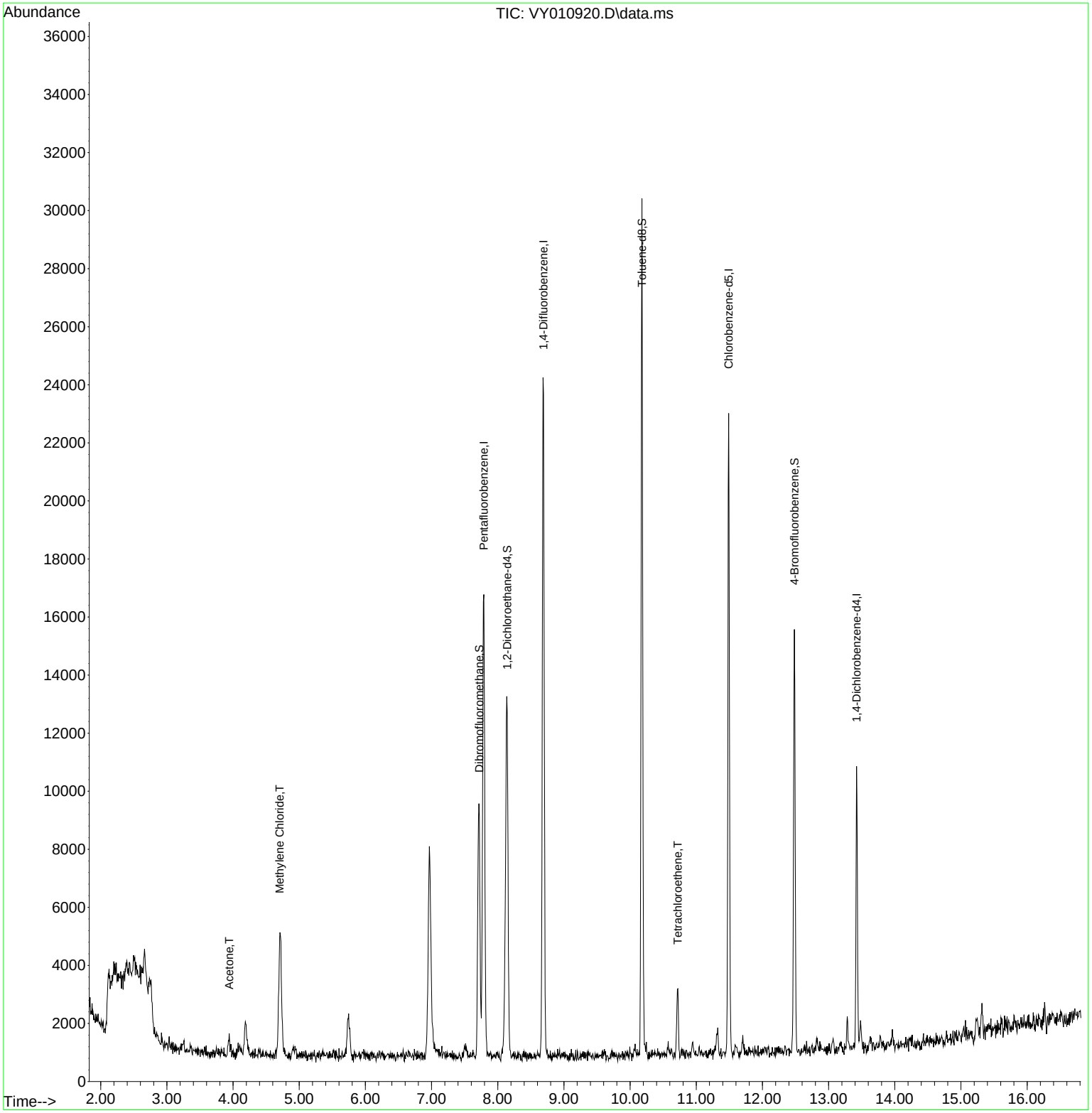
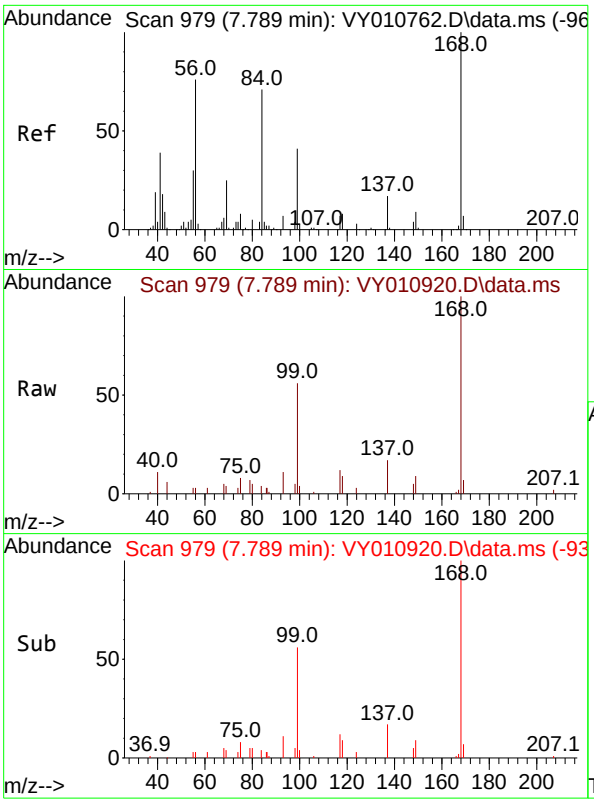


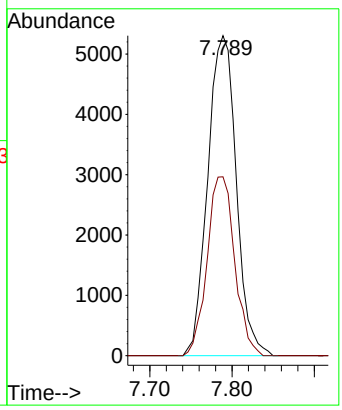


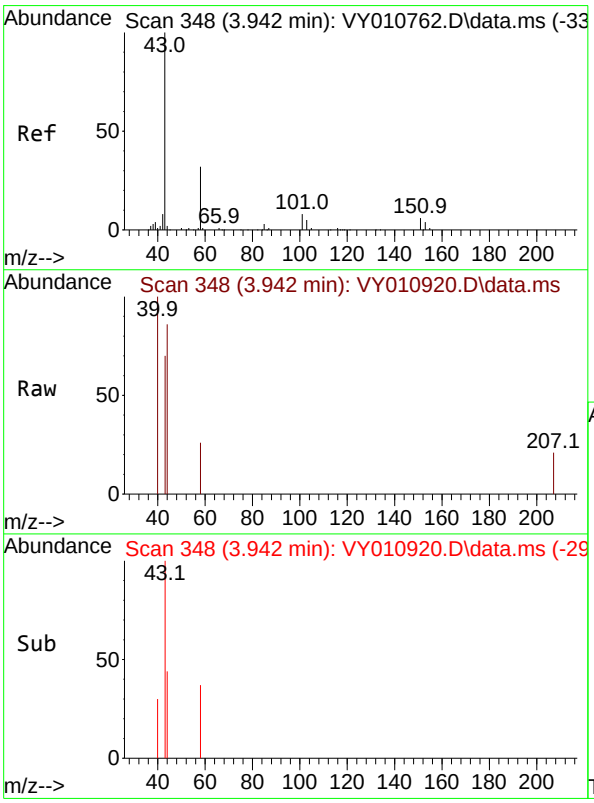
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Tgt Ion:168 Resp: 12803

Ion	Ratio	Lower	Upper
168	100		
99	55.9	46.9	70.3

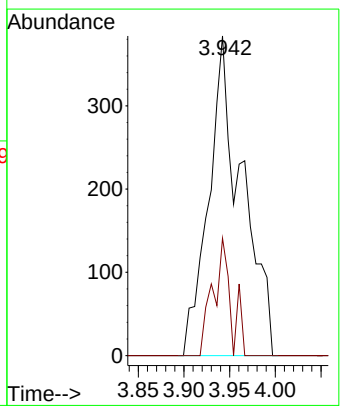


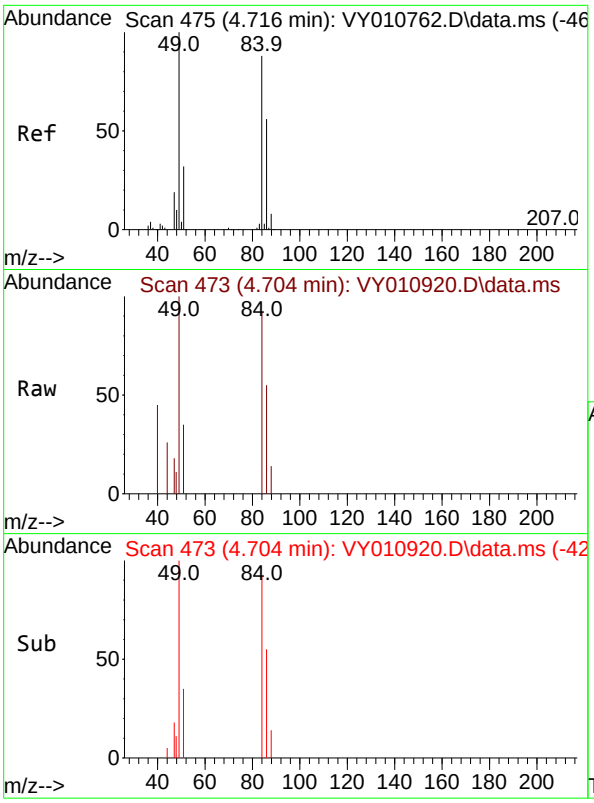


#16
Acetone
Concen: 29.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Tgt Ion: 43 Resp: 973

Ion	Ratio	Lower	Upper
43	100		
58	36.7	22.0	33.0#



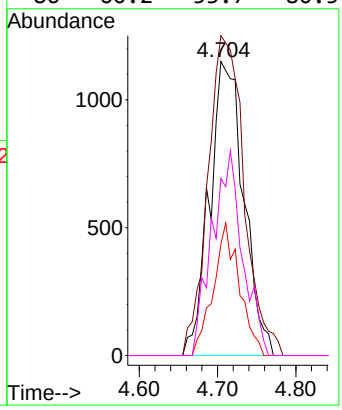


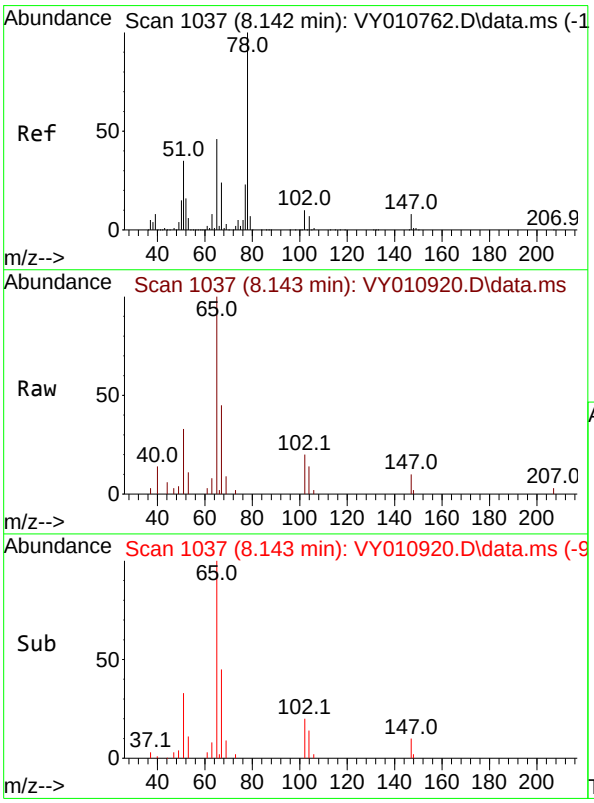
#20
Methylene Chloride
Concen: 21.259 ug/l
RT: 4.704 min Scan# 4
Delta R.T. -0.012 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Tgt Ion: 84 Resp: 3504

Ion	Ratio	Lower	Upper
84	100		
49	108.8	114.4	171.6#
51	37.9	35.3	52.9
86	60.2	53.7	80.5

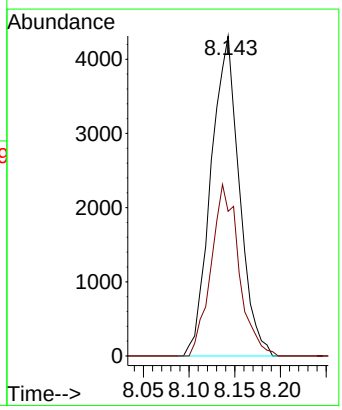


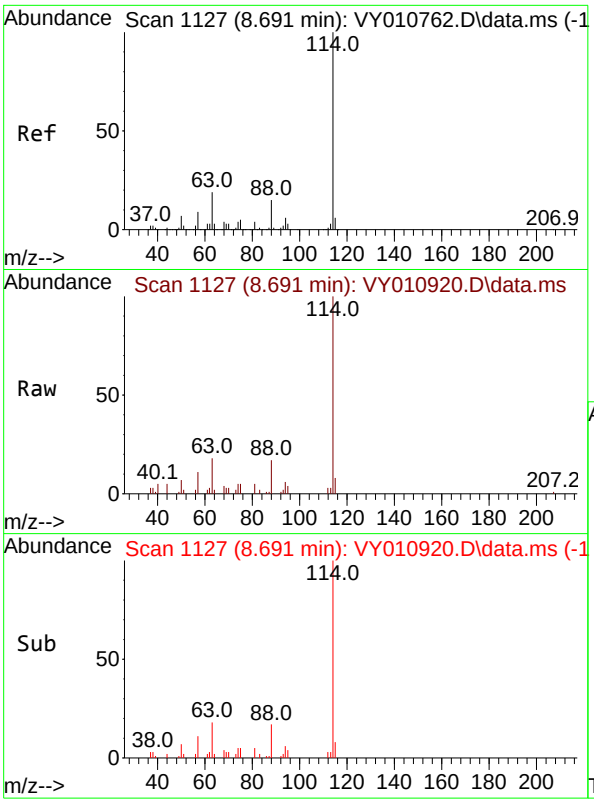


#33
1,2-Dichloroethane-d4
Concen: 71.771 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Tgt Ion: 65 Resp: 9314

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	99.4



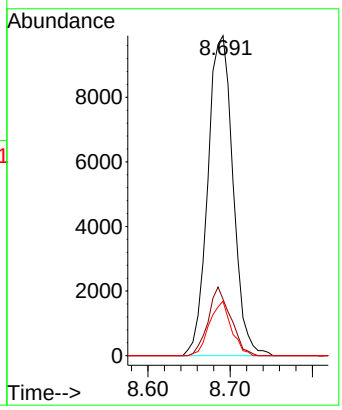


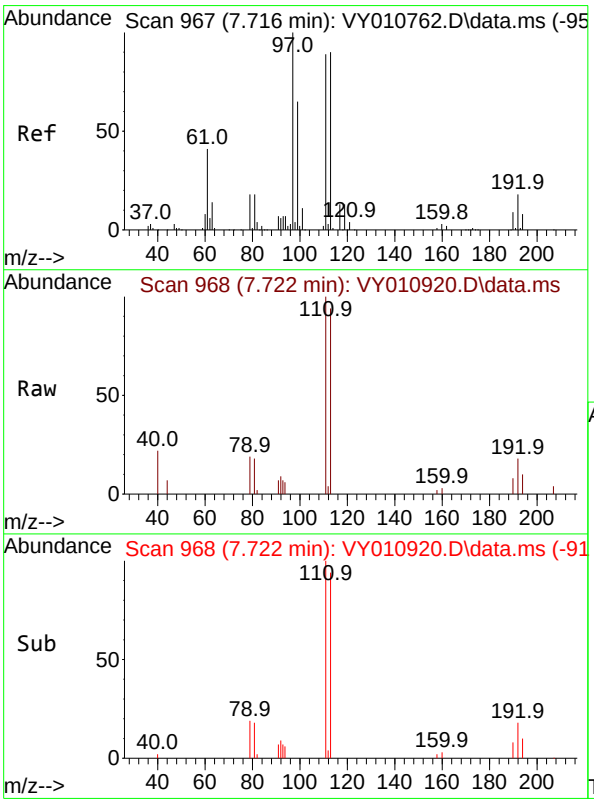
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Tgt Ion:114 Resp: 21126

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	43.2
88	17.0	0.0	31.8

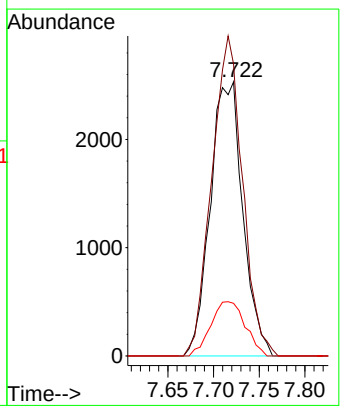


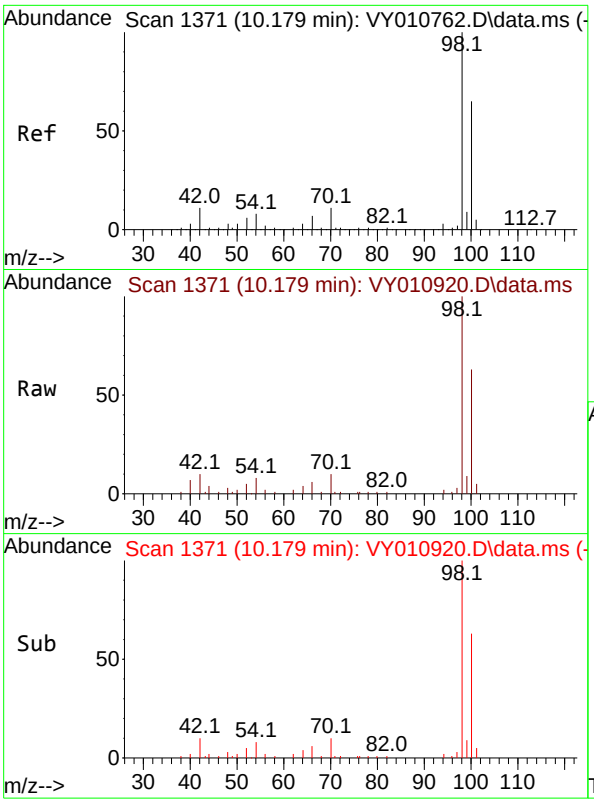


#35
Dibromofluoromethane
Concen: 44.632 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Tgt Ion:113 Resp: 6259

Ion	Ratio	Lower	Upper
113	100		
111	110.5	82.6	124.0
192	21.0	17.6	26.4



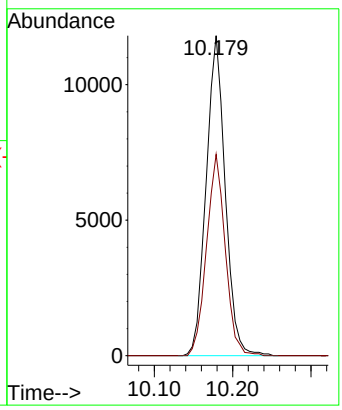


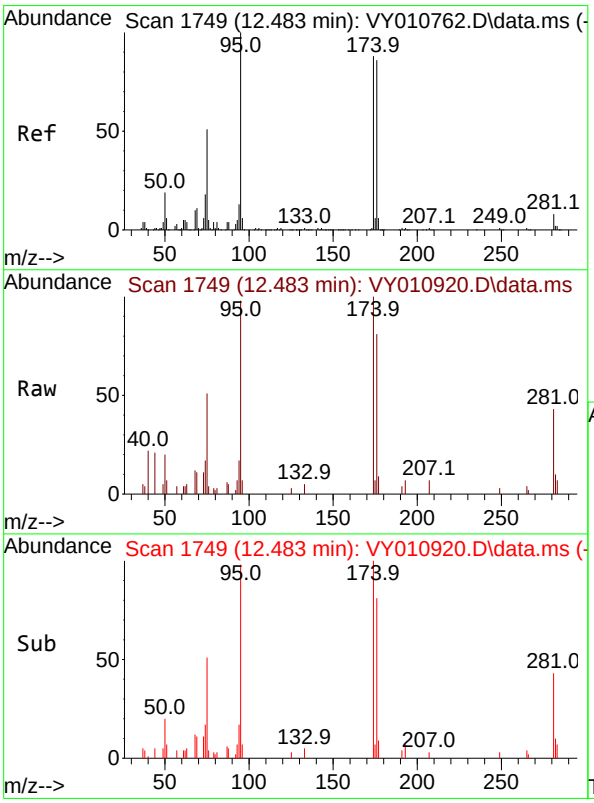
#50
Toluene-d8
Concen: 41.592 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Tgt Ion: 98 Resp: 19947

Ion	Ratio	Lower	Upper
98	100		
100	61.9	50.2	75.2

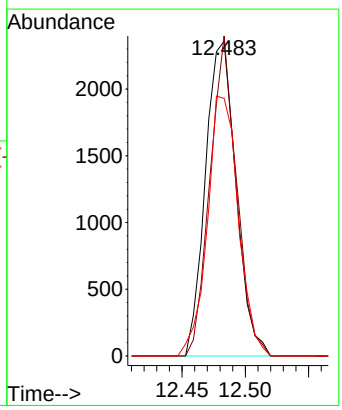


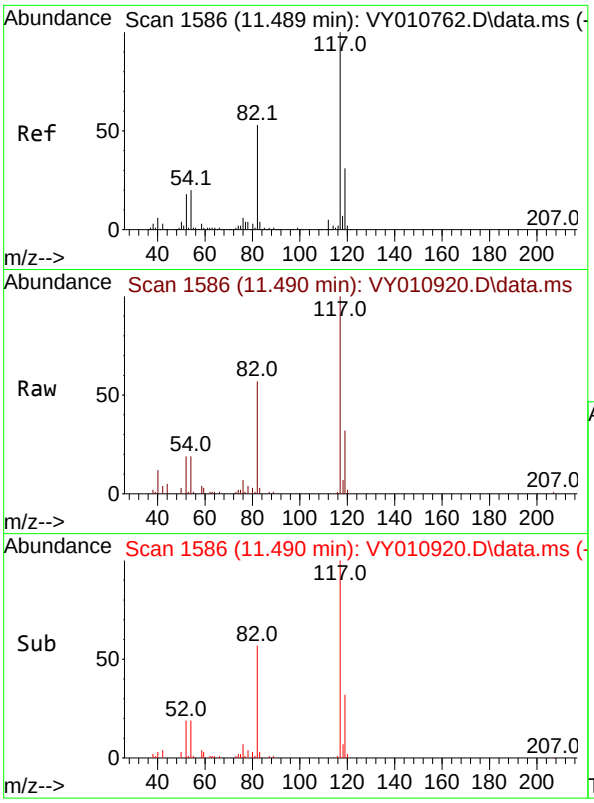


#62
4-Bromofluorobenzene
Concen: 18.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Tgt Ion: 95 Resp: 3958

Ion	Ratio	Lower	Upper
95	100		
174	88.5	0.0	177.0
176	83.5	0.0	175.8



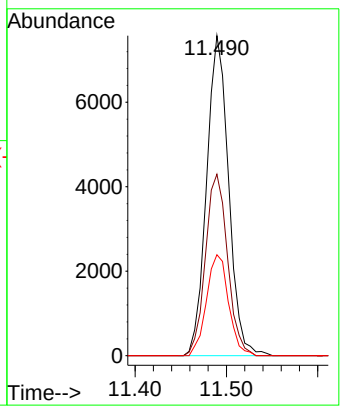


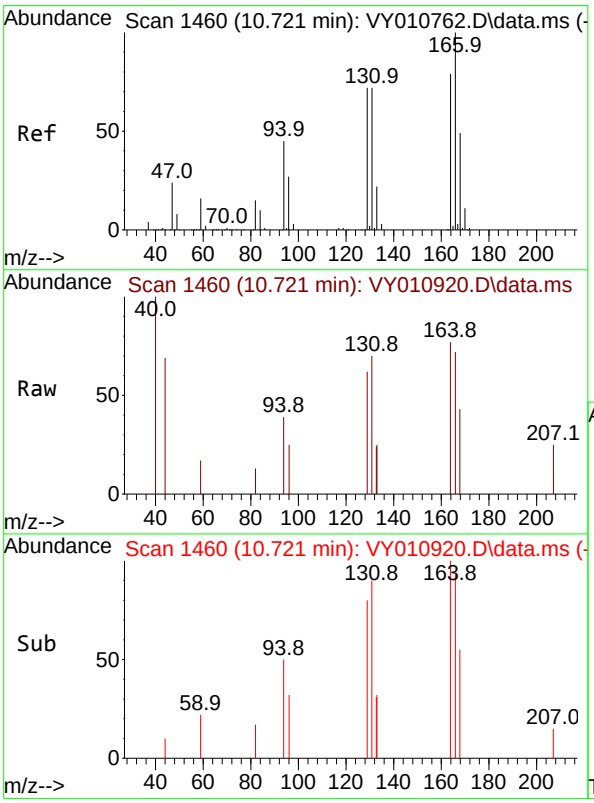
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Tgt Ion:117 Resp: 12659

Ion	Ratio	Lower	Upper
117	100		
82	56.7	43.0	64.4
119	31.5	25.4	38.0

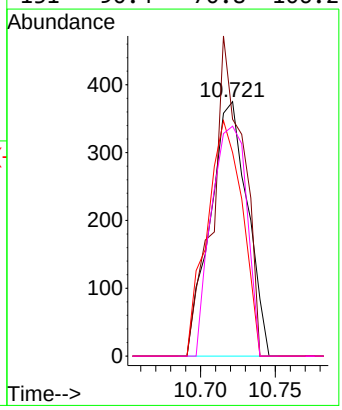


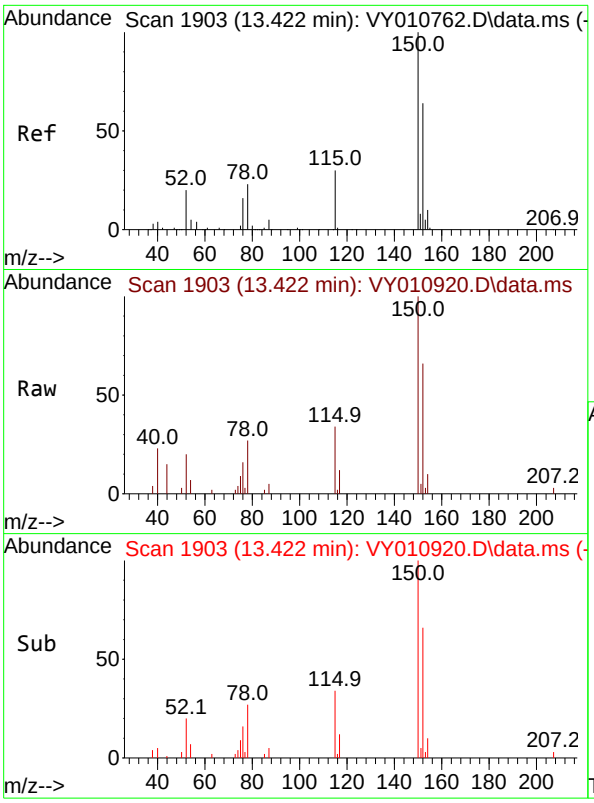


#64
Tetrachloroethene
Concen: 6.476 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Tgt Ion:164 Resp: 650

Ion	Ratio	Lower	Upper
164	100		
166	93.1	100.4	150.6#
129	80.0	71.4	107.0
131	90.4	70.8	106.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY010920.D
Acq: 11 Oct 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-3-(14-16)

Tgt Ion:152 Resp: 2857

Ion	Ratio	Lower	Upper
152	100		
115	52.1	28.2	84.7
150	152.8	0.0	347.6