Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030122\
Data File : VY007675.D
Acq On : 01 Mar 2022 18:33
Operator : SY/MD
Sample : N1722-05
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Quant Time: Mar 02 07:52:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	283202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	506667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	501618	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	223135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	174346	58.804	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.600%			
35) Dibromofluoromethane	7.716	113	172939	53.388	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.780%			
50) Toluene-d8	10.179	98	629503	52.793	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.483	95	204927	53.316	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.640%			
Target Compounds						Qvalue
16) Acetone	3.948	43	54438	90.258	ug/l	90
25) 2-Butanone	6.984	43	26035	25.732	ug/l #	86
95) Naphthalene	15.233	128	82101	9.010	ug/l	97

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

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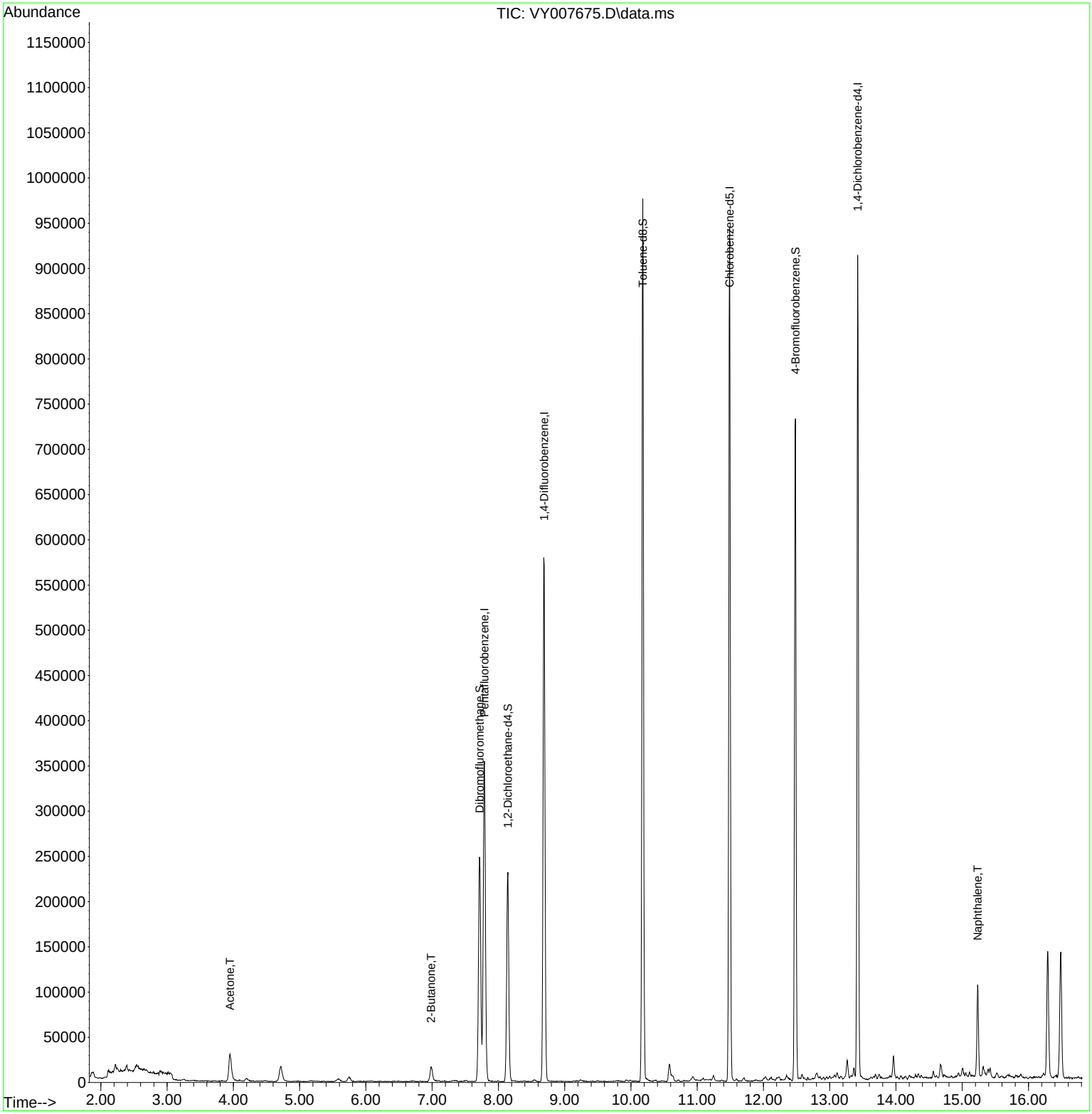
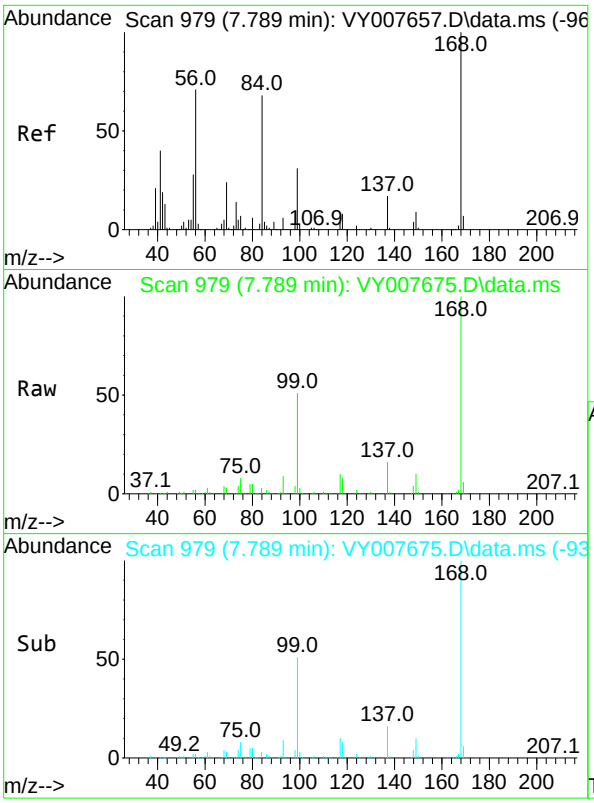


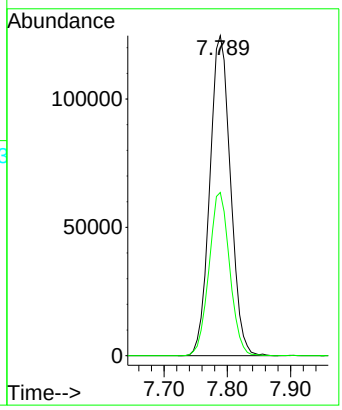


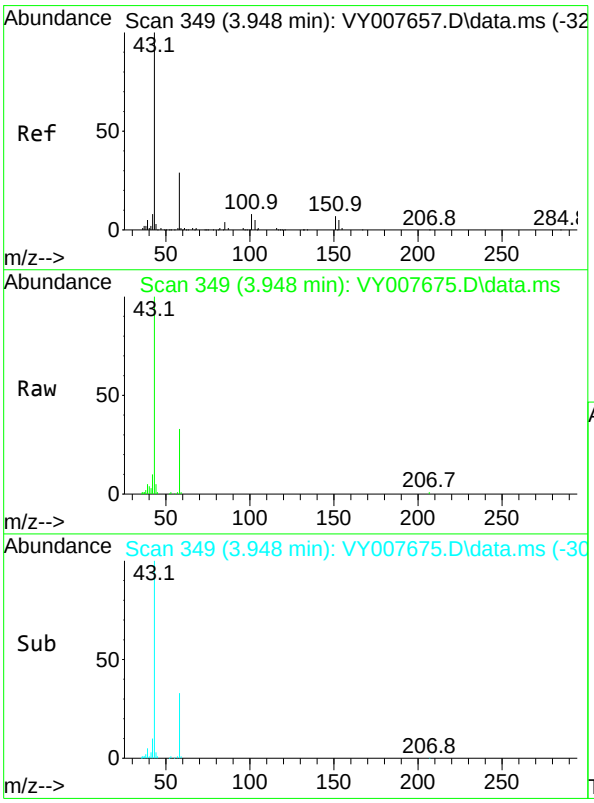
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion:168 Resp: 283202

Ion	Ratio	Lower	Upper
168	100		
99	51.0	46.9	70.3

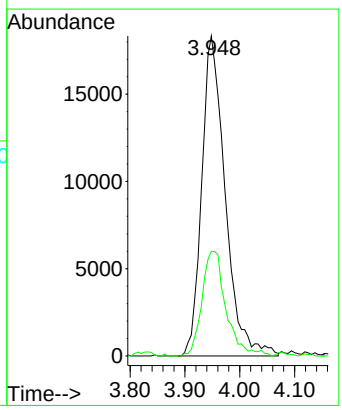


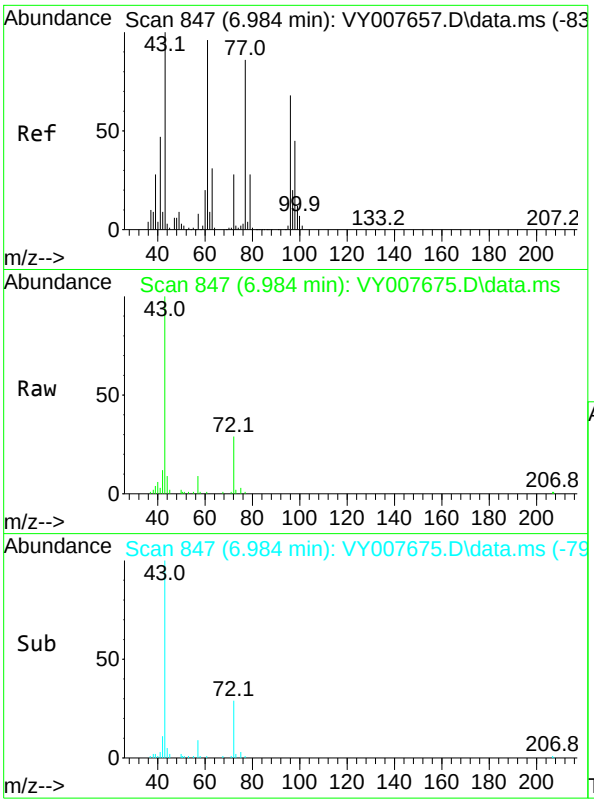


#16
Acetone
Concen: 90.258 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 43 Resp: 54438

Ion	Ratio	Lower	Upper
43	100		
58	32.7	22.0	33.0



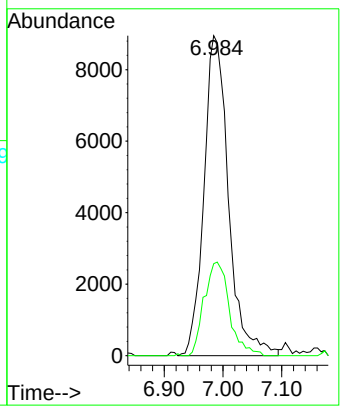


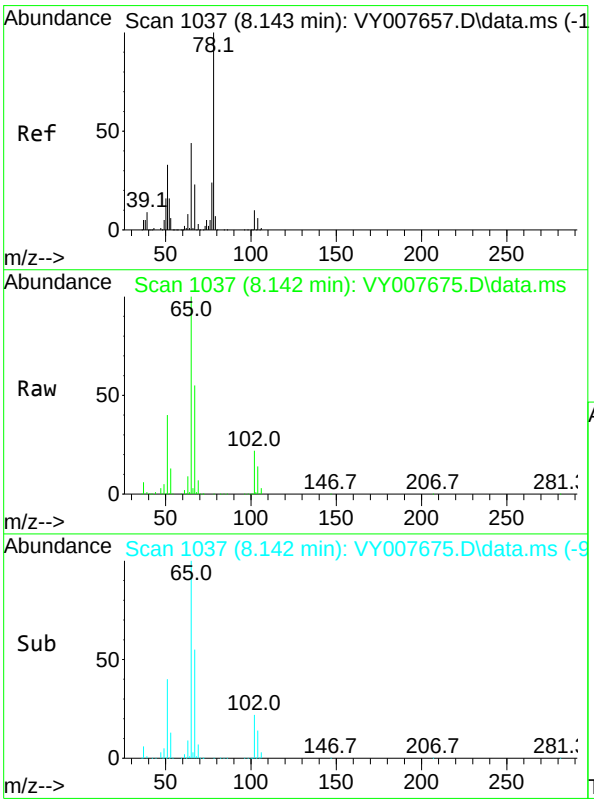
#25
2-Butanone
Concen: 25.732 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion: 43 Resp: 26035

Ion	Ratio	Lower	Upper
43	100		
72	28.7	17.7	26.5#

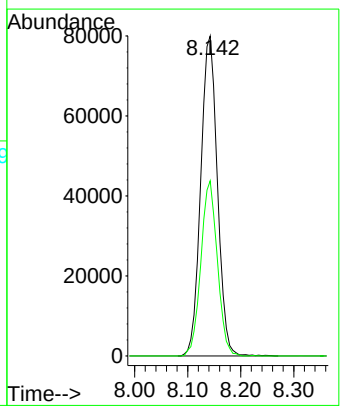


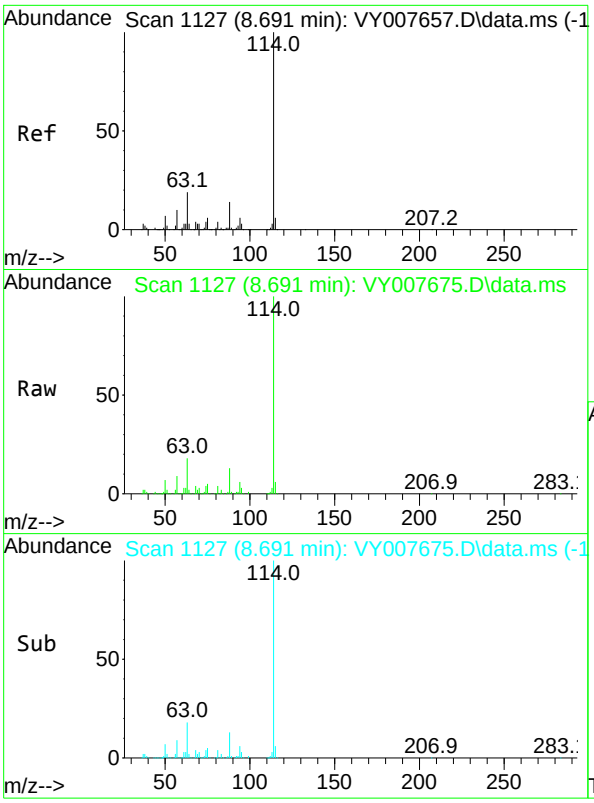


#33
1,2-Dichloroethane-d4
Concen: 58.804 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 65 Resp: 174346

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	99.4



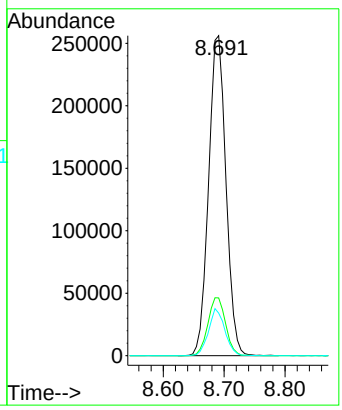


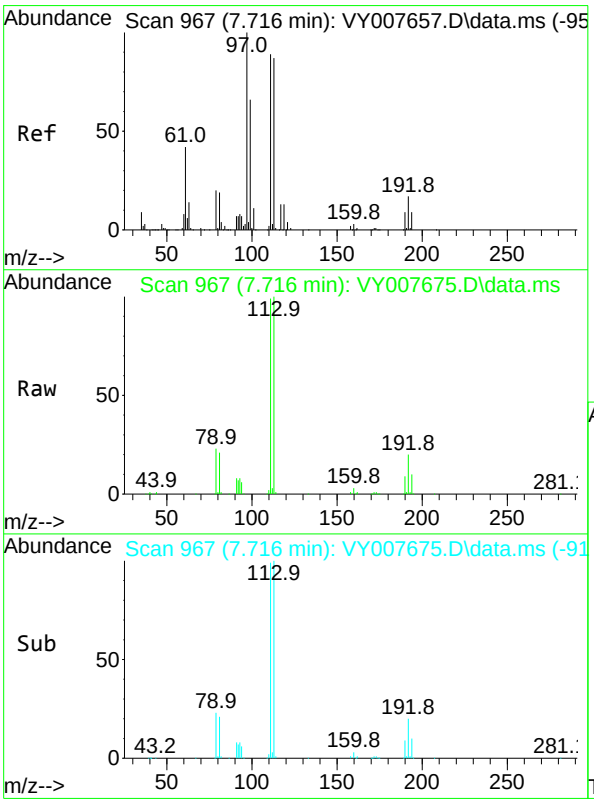
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion:114 Resp: 506667

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	43.2
88	13.3	0.0	31.8

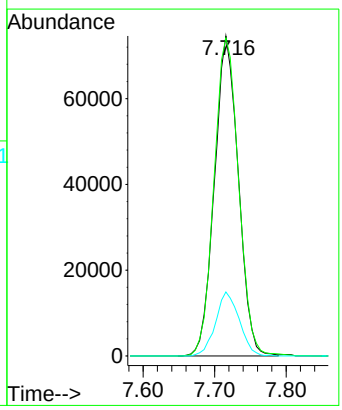


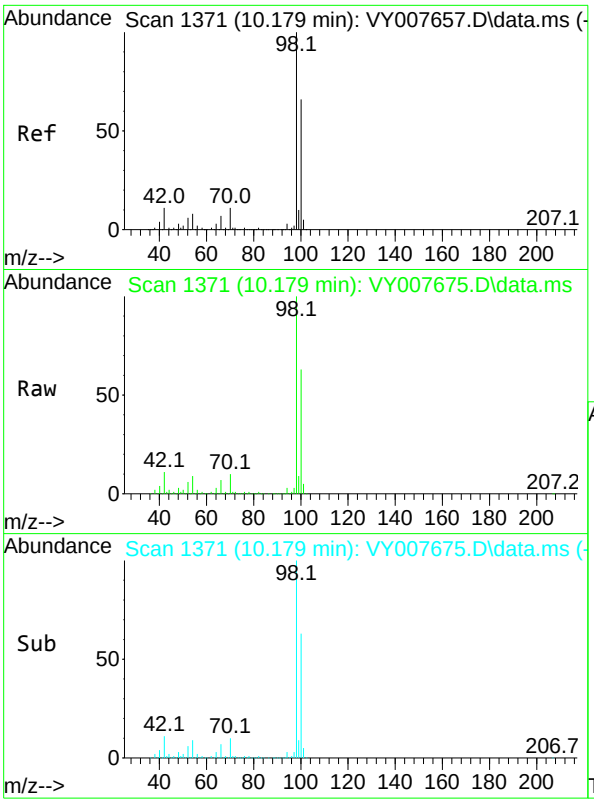


#35
Dibromofluoromethane
Concen: 53.388 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion:113 Resp: 172939

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	124.0
192	19.9	17.6	26.4



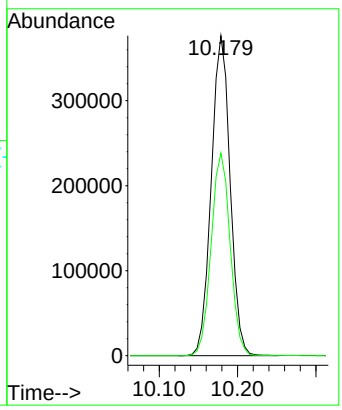


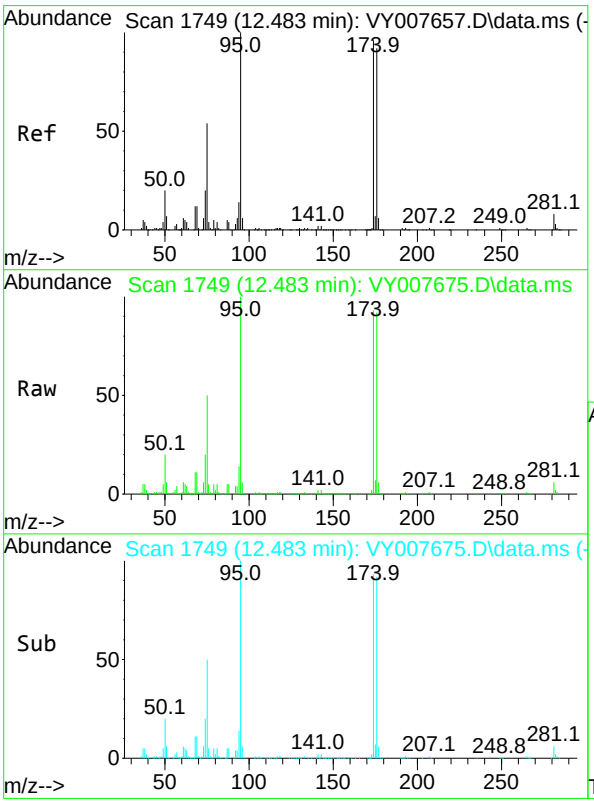
#50
Toluene-d8
Concen: 52.793 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion: 98 Resp: 629503

Ion	Ratio	Lower	Upper
98	100		
100	63.8	50.2	75.2

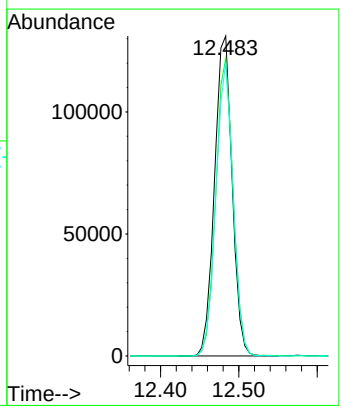


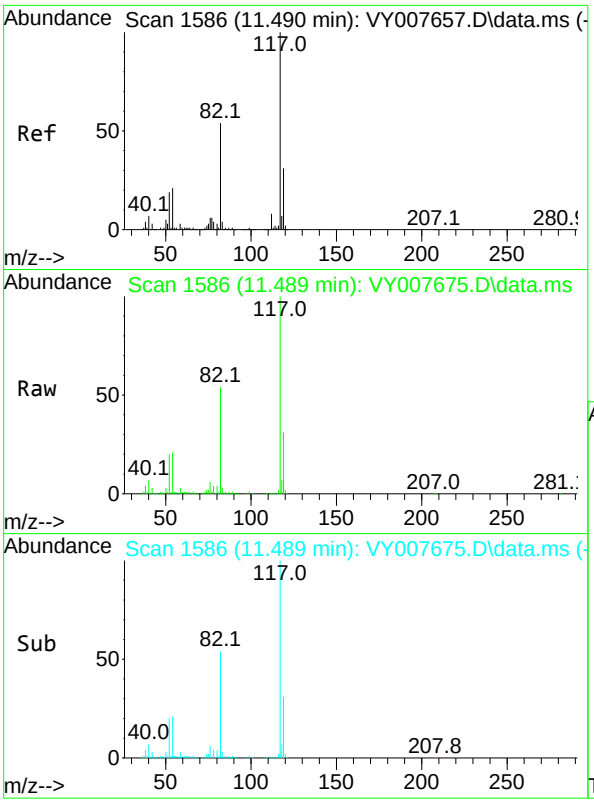


#62
4-Bromofluorobenzene
Concen: 53.316 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion: 95 Resp: 204927

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	177.0
176	89.5	0.0	175.8



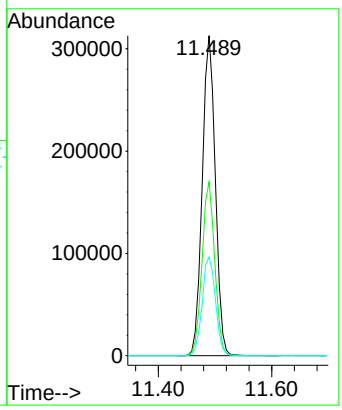


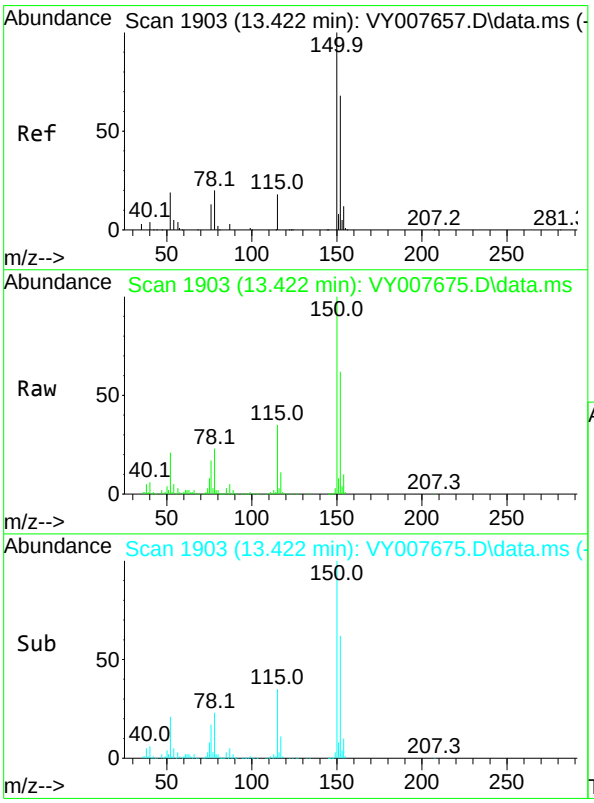
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion:117 Resp: 501618

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	30.8	25.4	38.0

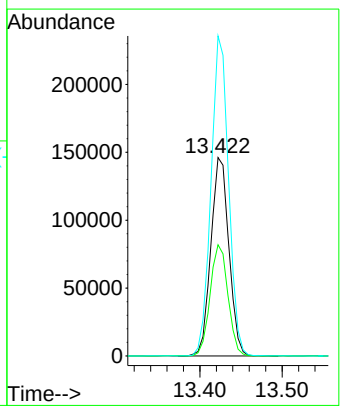


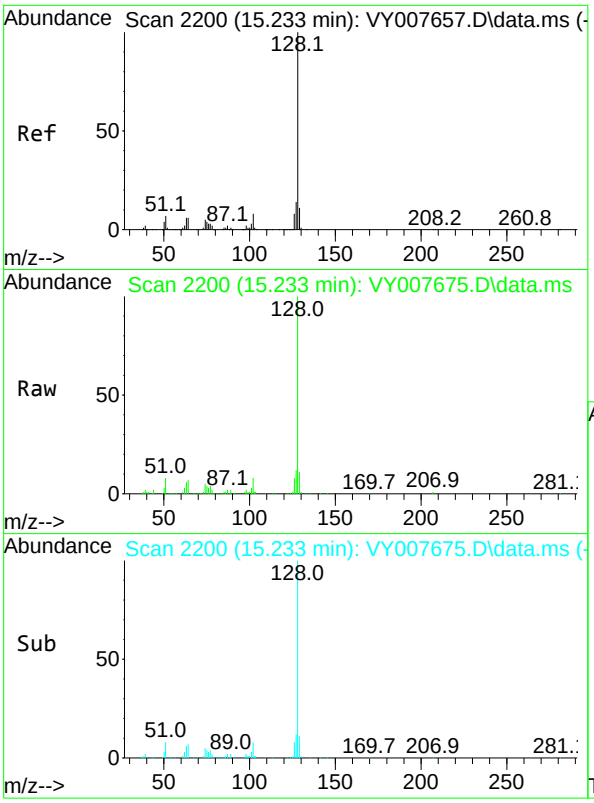


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Tgt Ion:152 Resp: 223135

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.2	84.7
150	156.9	0.0	347.6





#95
Naphthalene
Concen: 9.010 ug/l
RT: 15.233 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY007675.D
Acq: 01 Mar 2022 18:33

Instrument :
MSVOA_Y
ClientSampleId :
DUM-8

Tgt Ion:128 Resp: 82101

Ion	Ratio	Lower	Upper
128	100		
127	12.7	11.0	16.4
129	11.4	8.4	12.6