Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
Data File : VY010321.D
Acq On : 03 Sep 2022 15:35
Operator : KP/MD
Sample : N4419-08
Misc : 3.31g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Quant Time: Sep 05 04:20:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 02 16:41:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	257324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	427995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143313	54.315	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.620%			
35) Dibromofluoromethane	7.710	113	131023	45.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.980%			
50) Toluene-d8	10.179	98	512018	53.675	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.340%			
62) 4-Bromofluorobenzene	12.477	95	173556	44.769	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.540%			
Target Compounds						Qvalue
16) Acetone	3.936	43	183150	277.665	ug/l	94
17) Carbon Disulfide	4.186	76	29334	3.760	ug/l	98
20) Methylene Chloride	4.704	84	23862	7.496	ug/l	85
25) 2-Butanone	6.978	43	79362	73.313	ug/l	91

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

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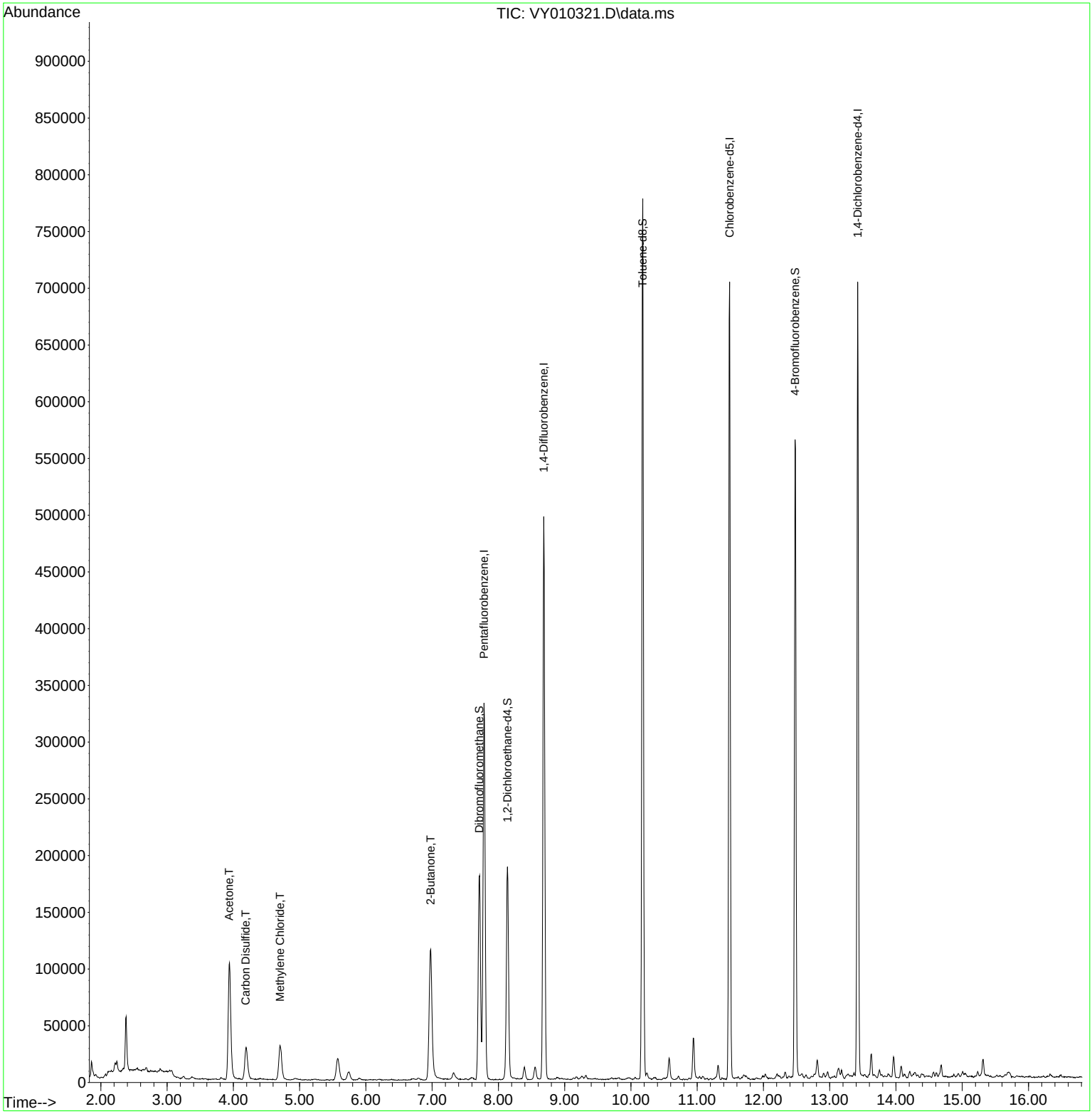
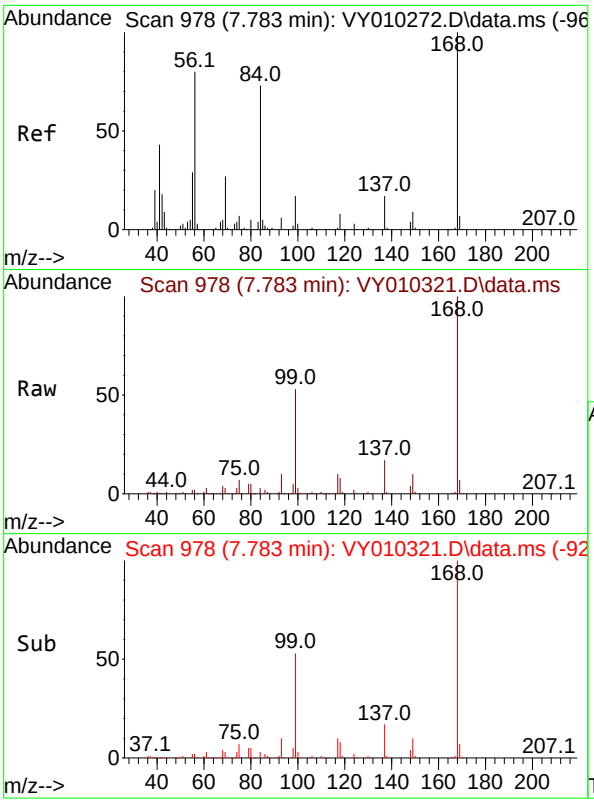


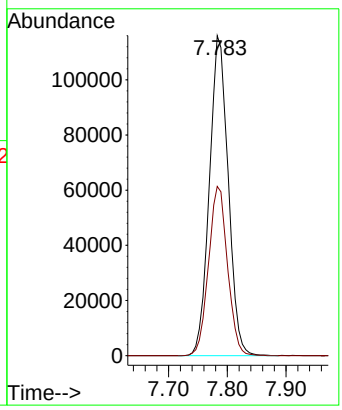


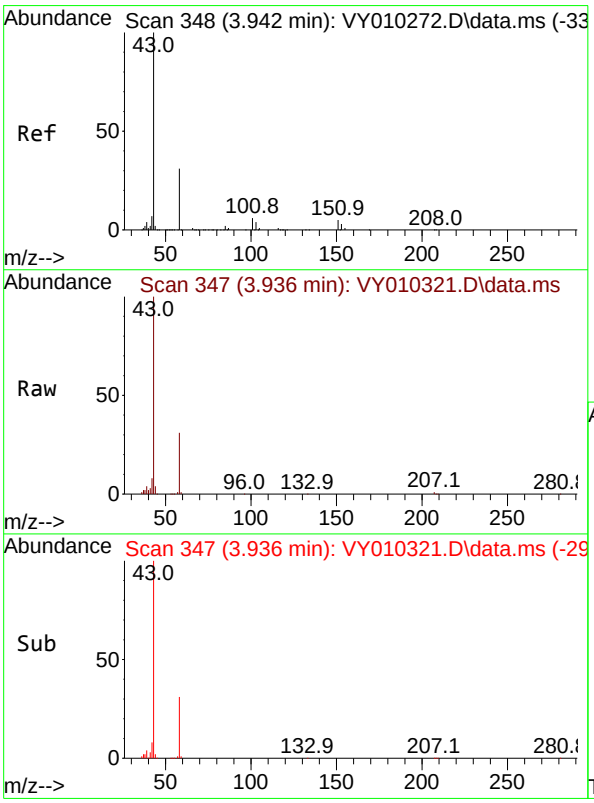
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion:168 Resp: 257324

Ion	Ratio	Lower	Upper
168	100		
99	52.9	46.9	70.3

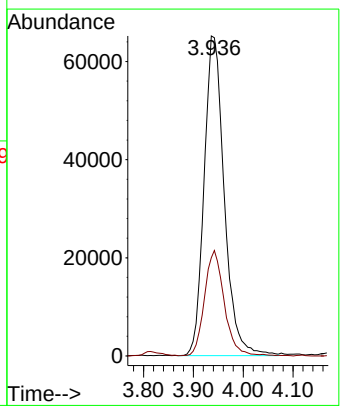


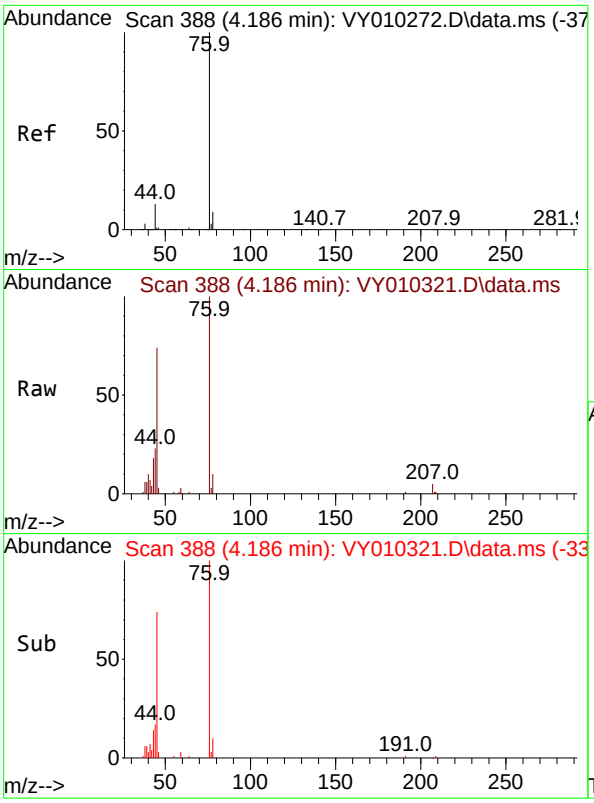


#16
Acetone
Concen: 277.665 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 43 Resp: 183150

Ion	Ratio	Lower	Upper
43	100		
58	30.6	22.0	33.0



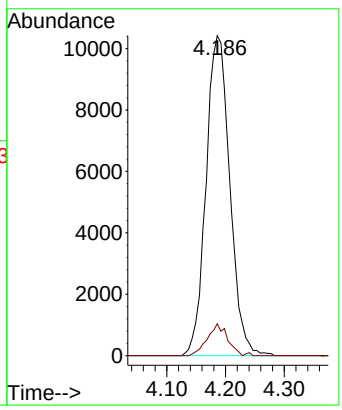


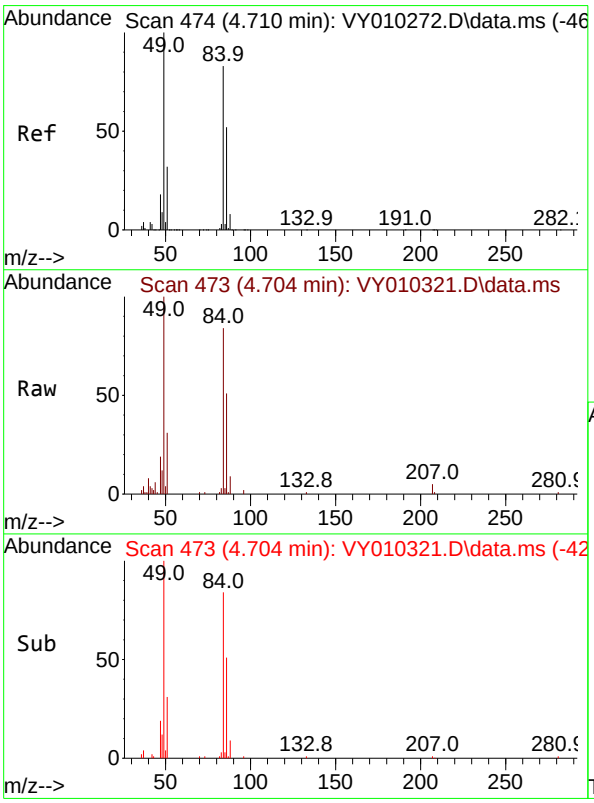
#17
Carbon Disulfide
Concen: 3.760 ug/l
RT: 4.186 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion: 76 Resp: 29334

Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.4	11.0

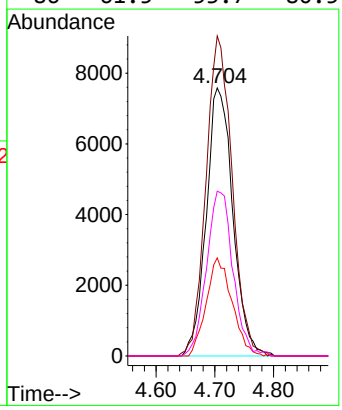


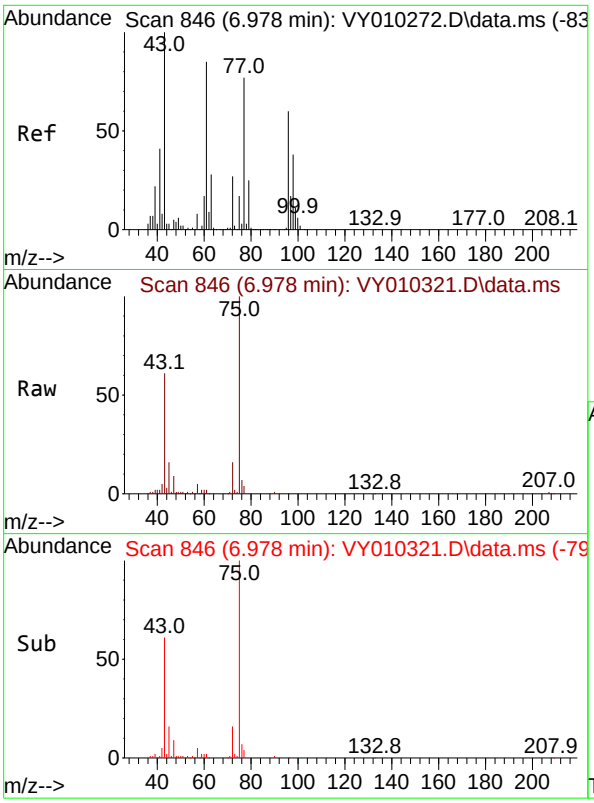


#20
Methylene Chloride
Concen: 7.496 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 84 Resp: 23862

Ion	Ratio	Lower	Upper
84	100		
49	119.4	114.4	171.6
51	36.6	35.3	52.9
86	61.5	53.7	80.5



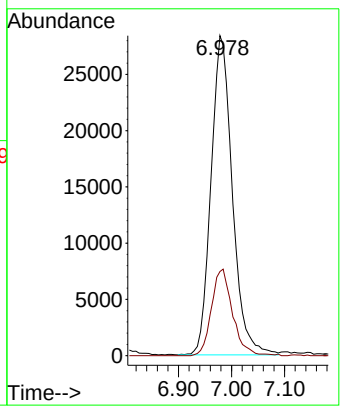


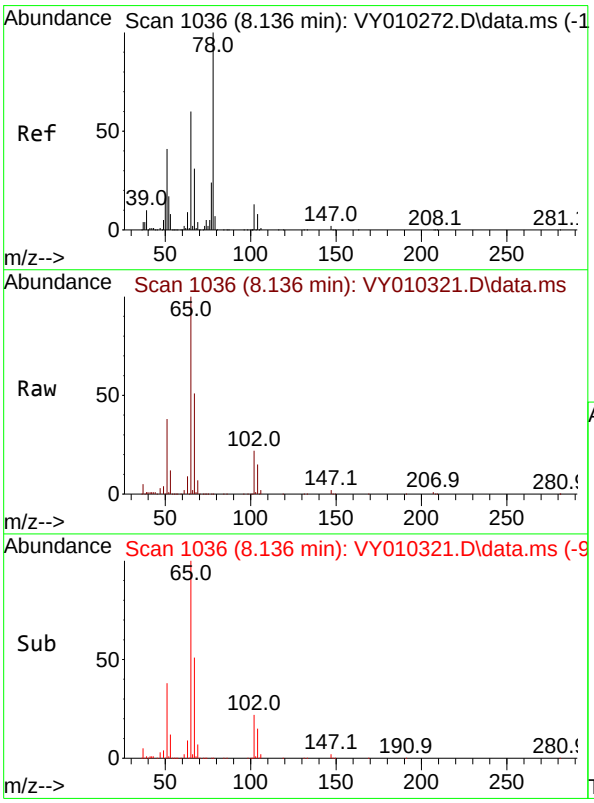
#25
2-Butanone
Concen: 73.313 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion: 43 Resp: 79362

Ion	Ratio	Lower	Upper
43	100		
72	26.4	17.7	26.5

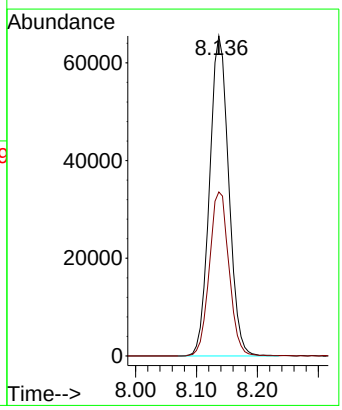


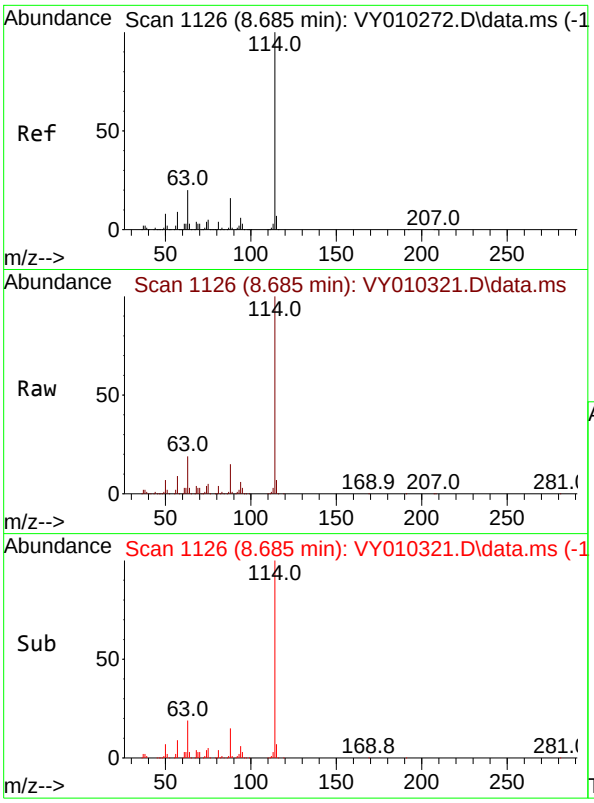


#33
1,2-Dichloroethane-d4
Concen: 54.315 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 65 Resp: 143313

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	99.4



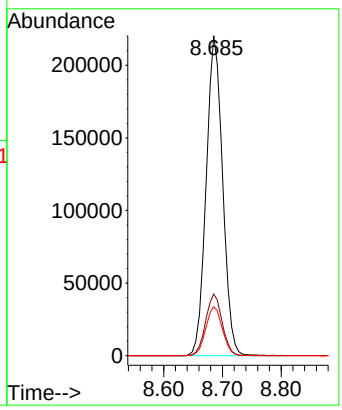


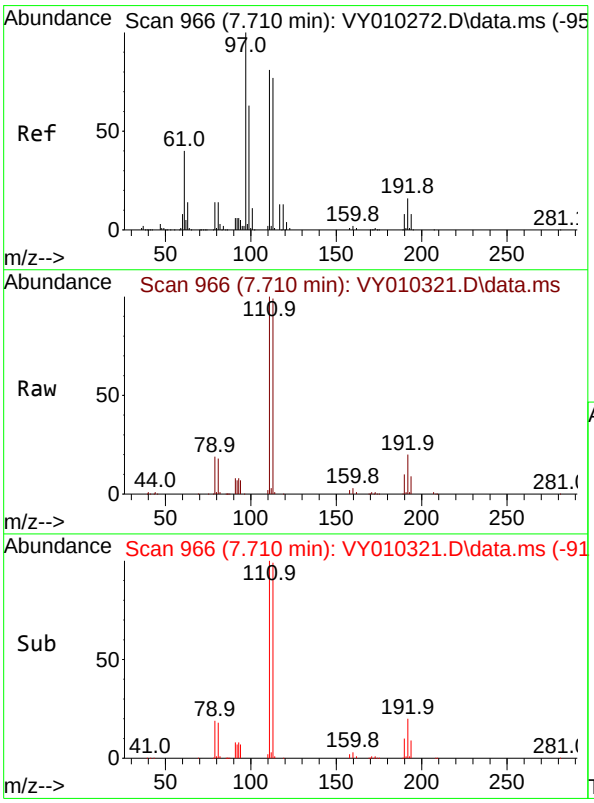
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion:114 Resp: 427995

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	15.3	0.0	31.8

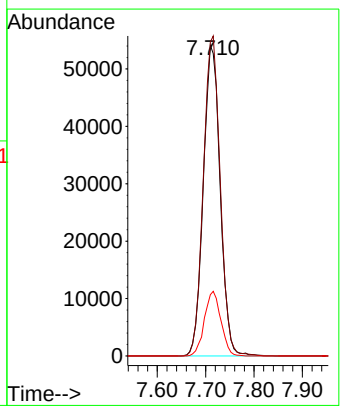


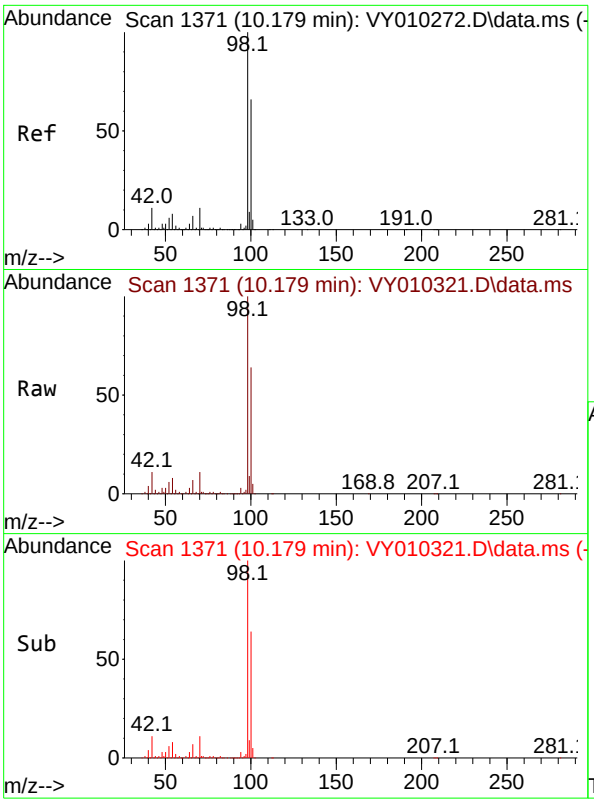


#35
Dibromofluoromethane
Concen: 45.985 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion:113 Resp: 131023

Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	20.4	17.6	26.4



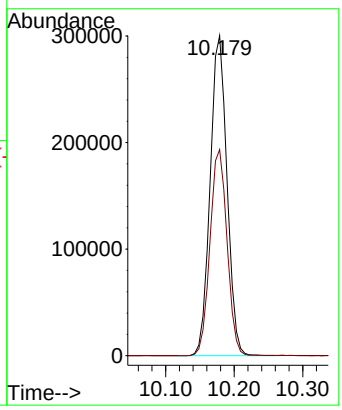


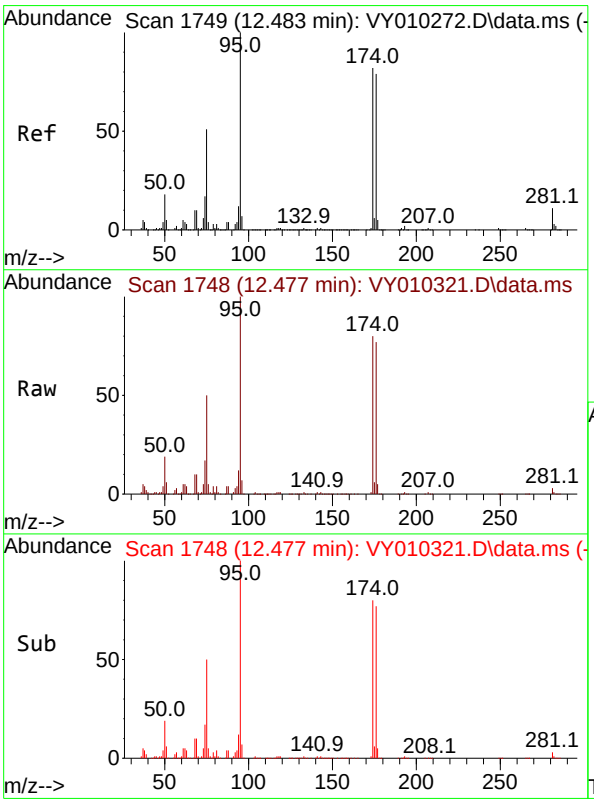
#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion: 98 Resp: 512018

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.2	75.2

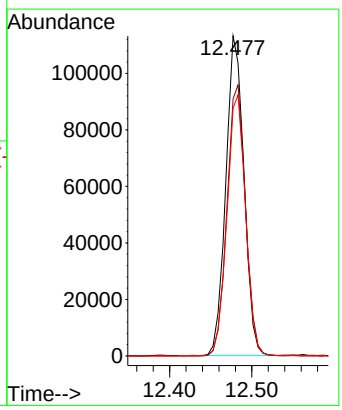


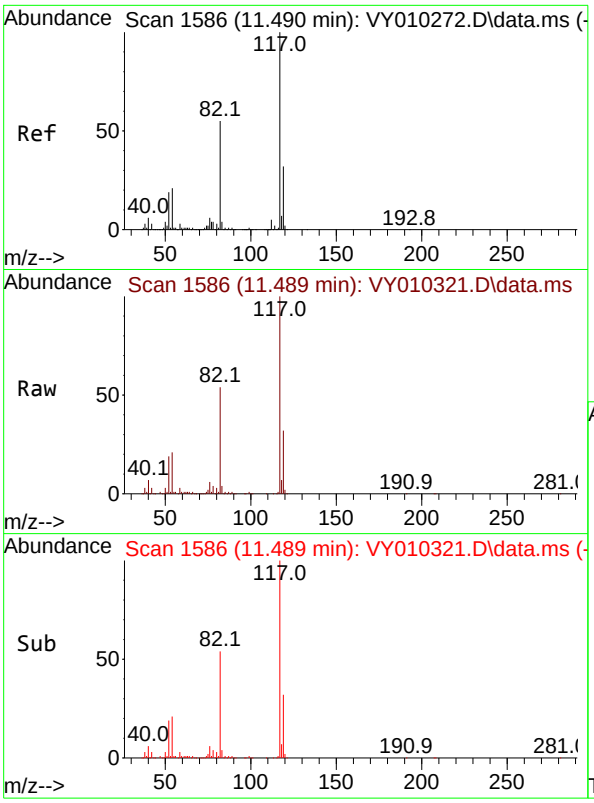


#62
4-Bromofluorobenzene
Concen: 44.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion: 95 Resp: 173556

Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	177.0
176	83.6	0.0	175.8



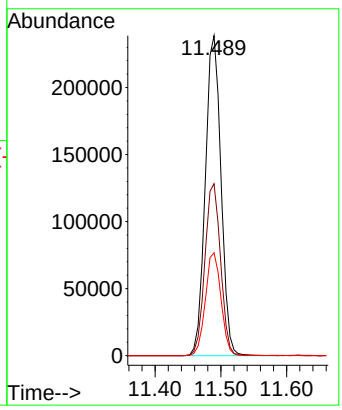


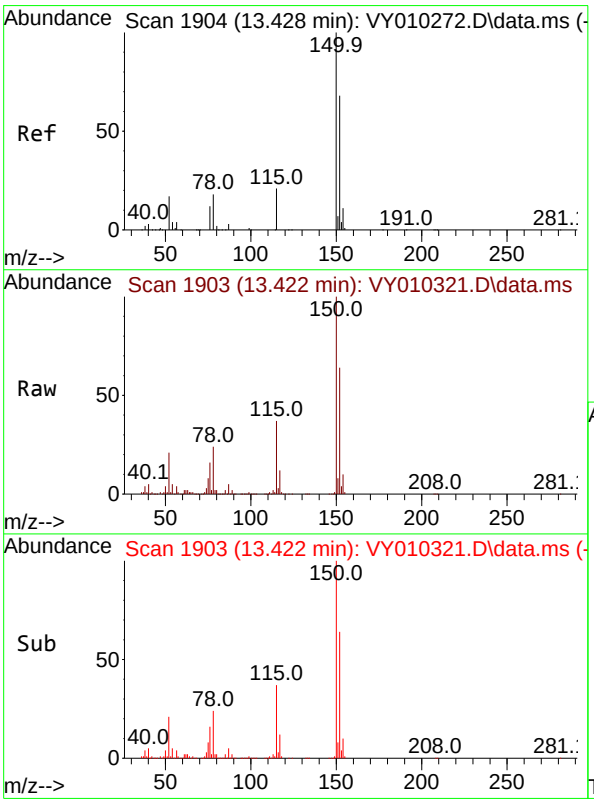
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-TR-02-10-11

Tgt Ion:117 Resp: 395822

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.0	64.4
119	32.2	25.4	38.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY010321.D
Acq: 03 Sep 2022 15:35

Tgt Ion:152 Resp: 179490

Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.2	84.7
150	156.8	0.0	347.6