Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090322\
Data File : VY010328.D
Acq On : 03 Sep 2022 18:19
Operator : KP/MD
Sample : N4419-01
Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Quant Time: Sep 05 04:22:33 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	277955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	454581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	411061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147306	51.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.360%			
35) Dibromofluoromethane	7.710	113	136398	45.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.140%			
50) Toluene-d8	10.179	98	533278	52.634	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.260%			
62) 4-Bromofluorobenzene	12.477	95	190253	46.438	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.880%			
Target Compounds						Qvalue
16) Acetone	3.942	43	25018	35.113	ug/l	90
25) 2-Butanone	6.978	43	9717	8.310	ug/l #	85
39) Methylcyclohexane	9.179	83	17340	3.025	ug/l	98
40) Benzene	8.155	78	24565	1.932	ug/l	95

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

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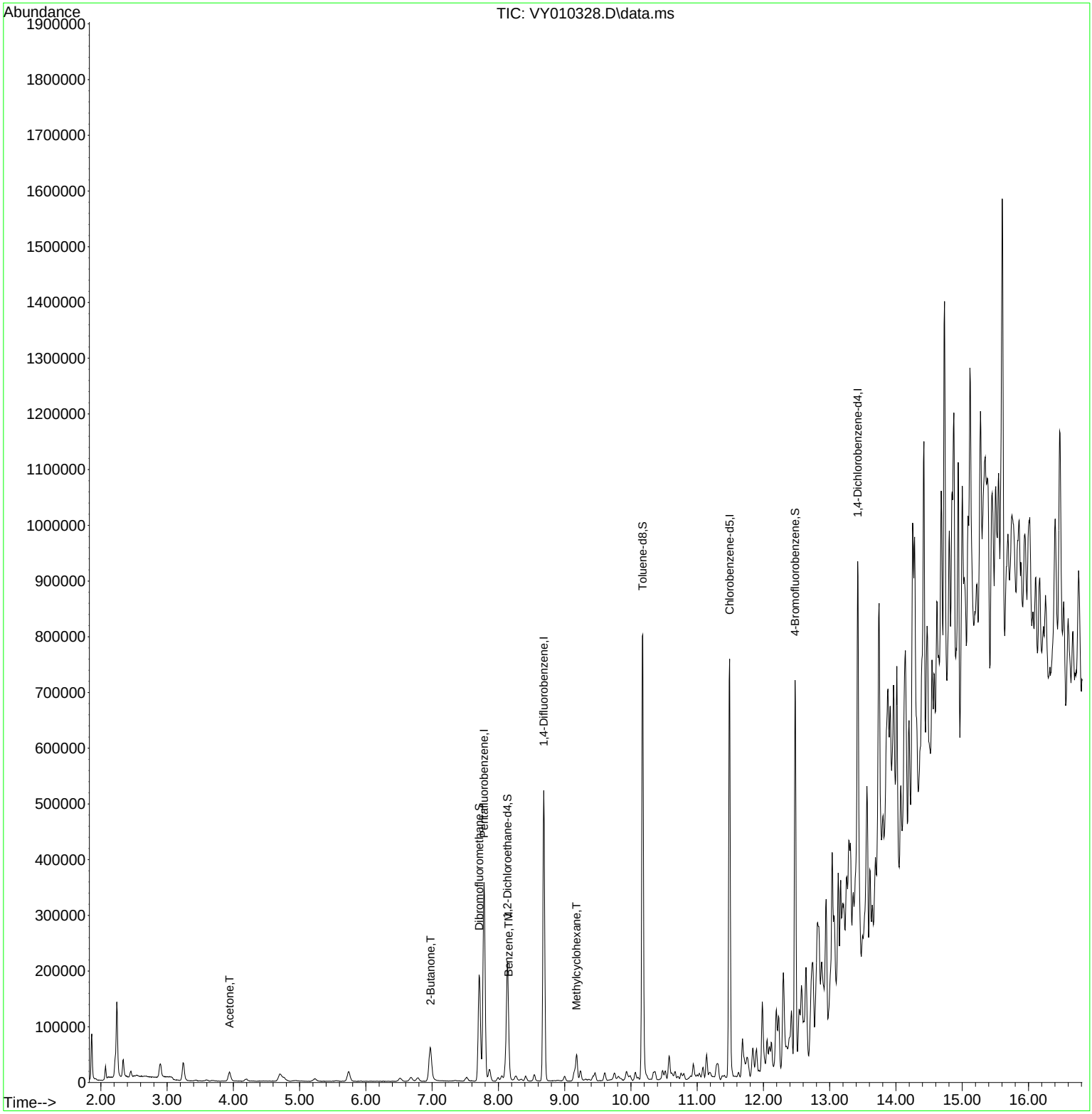
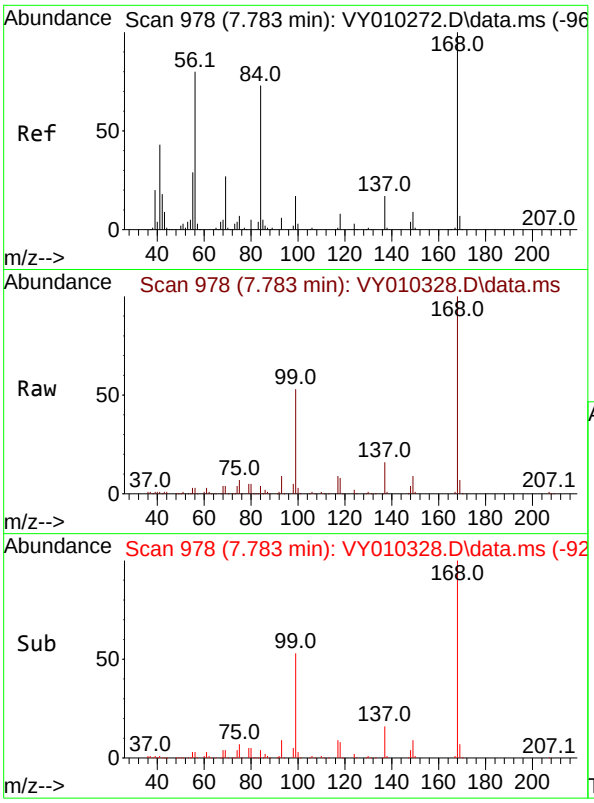


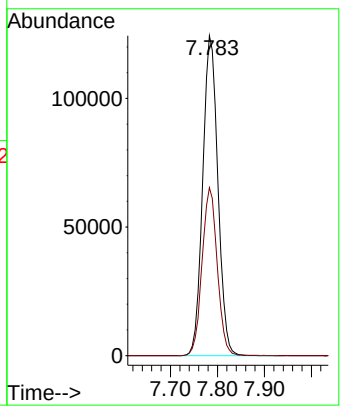


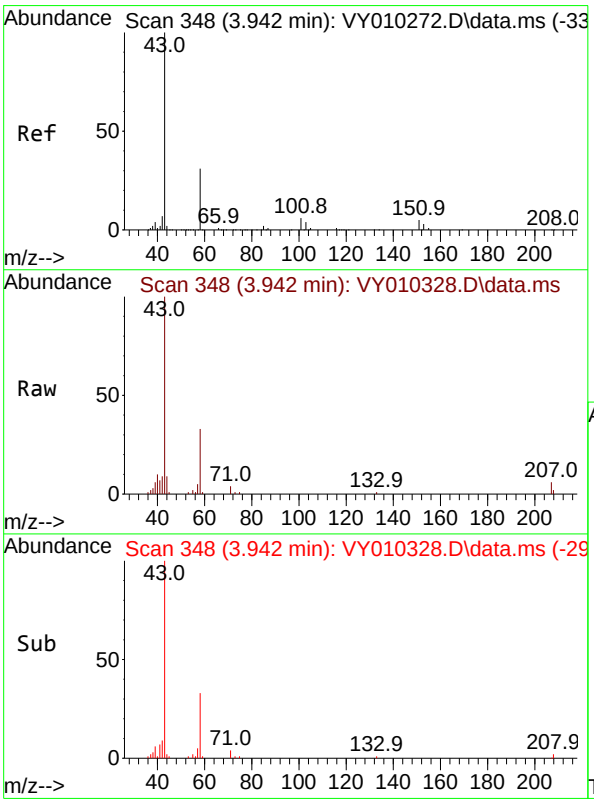
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Tgt Ion:168 Resp: 277955

Ion	Ratio	Lower	Upper
168	100		
99	52.5	46.9	70.3

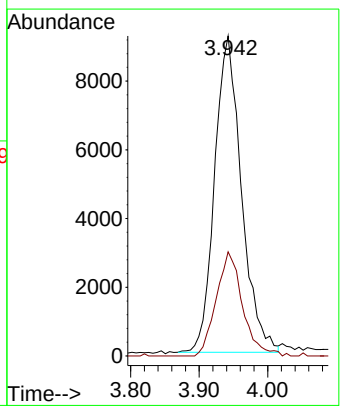


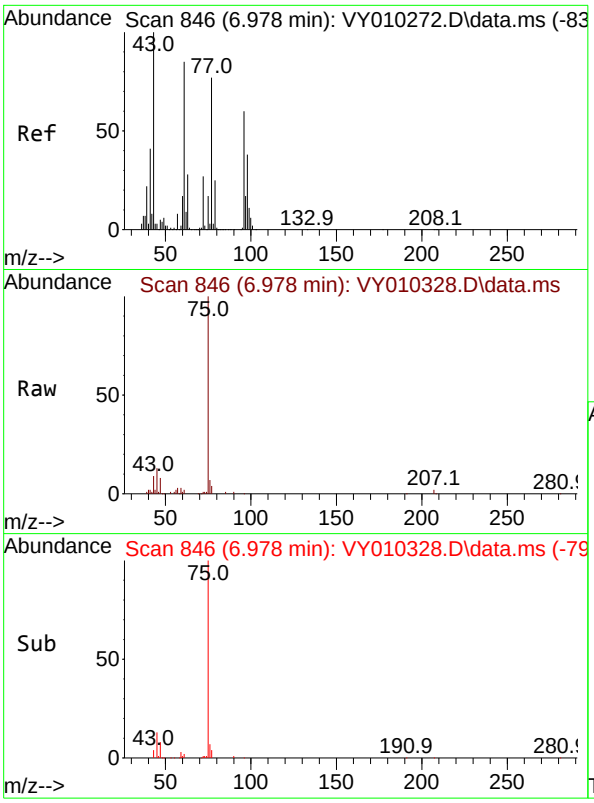


#16
Acetone
Concen: 35.113 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Tgt Ion: 43 Resp: 25018

Ion	Ratio	Lower	Upper
43	100		
58	32.9	22.0	33.0



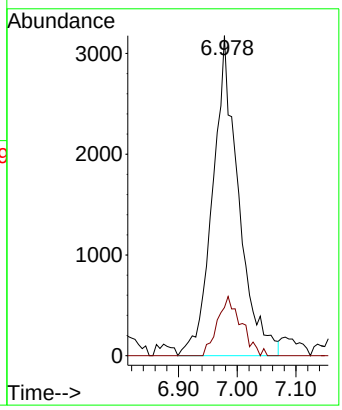


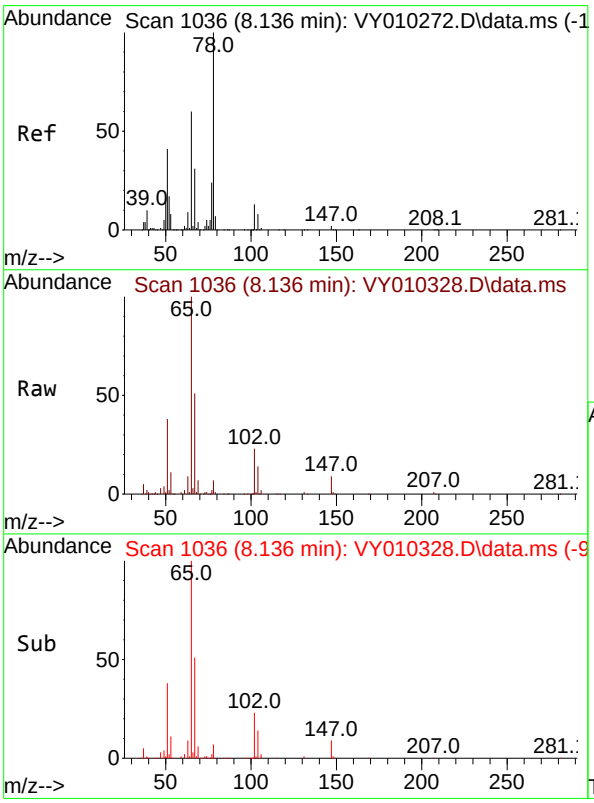
#25
2-Butanone
Concen: 8.310 ug/l
RT: 6.978 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Tgt Ion: 43 Resp: 9717

Ion	Ratio	Lower	Upper
43	100		
72	15.0	17.7	26.5#

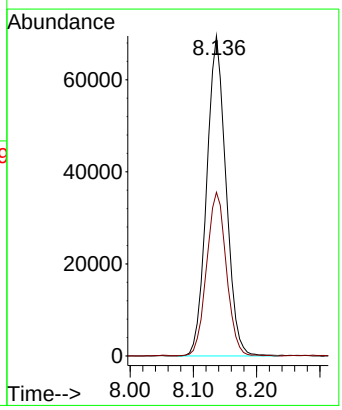


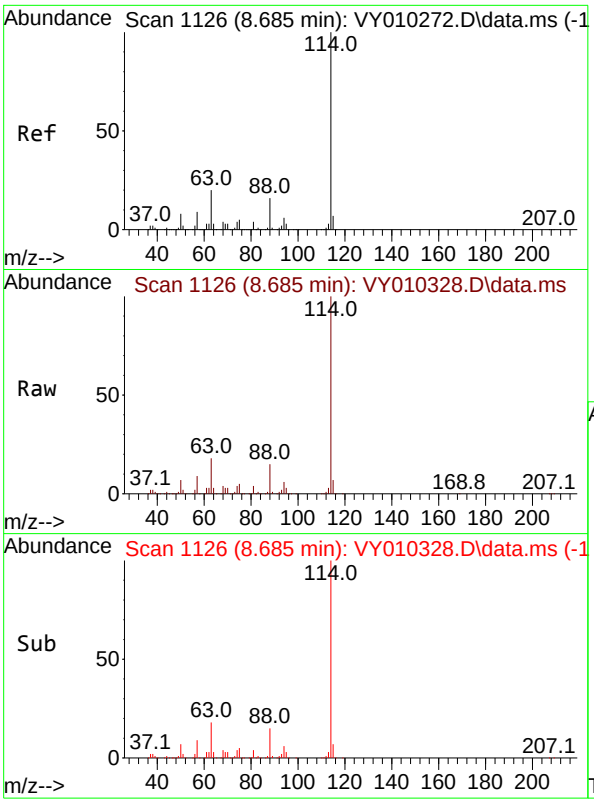


#33
1,2-Dichloroethane-d4
Concen: 51.684 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Tgt Ion: 65 Resp: 147306

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	99.4



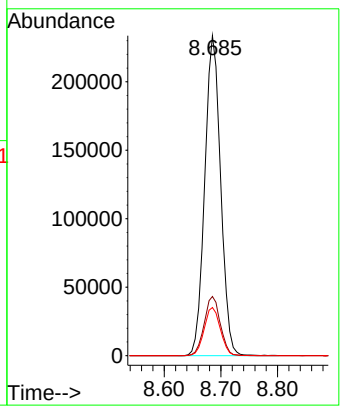


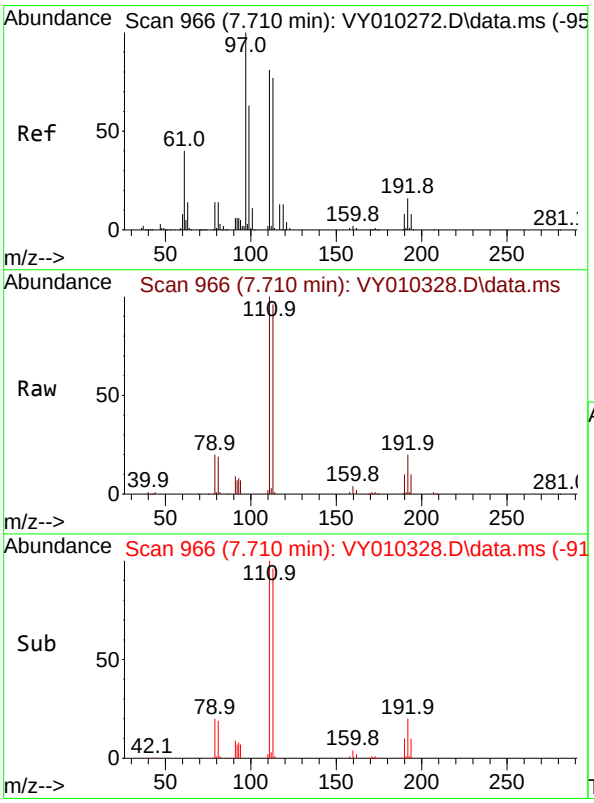
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Tgt Ion:114 Resp: 454581

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	15.1	0.0	31.8

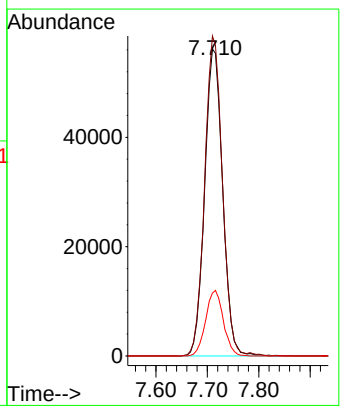


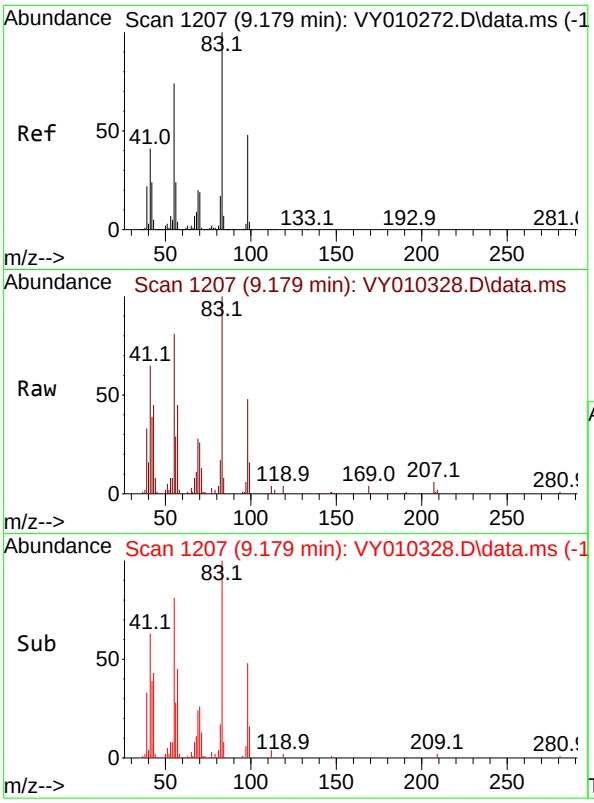


#35
Dibromofluoromethane
Concen: 45.072 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Tgt Ion:113 Resp: 136398

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	21.0	17.6	26.4



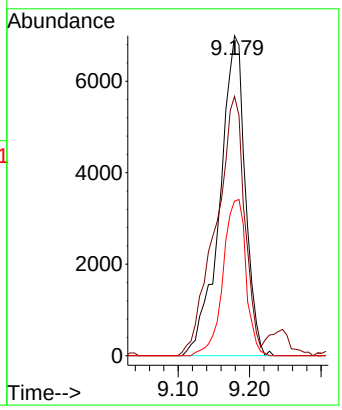


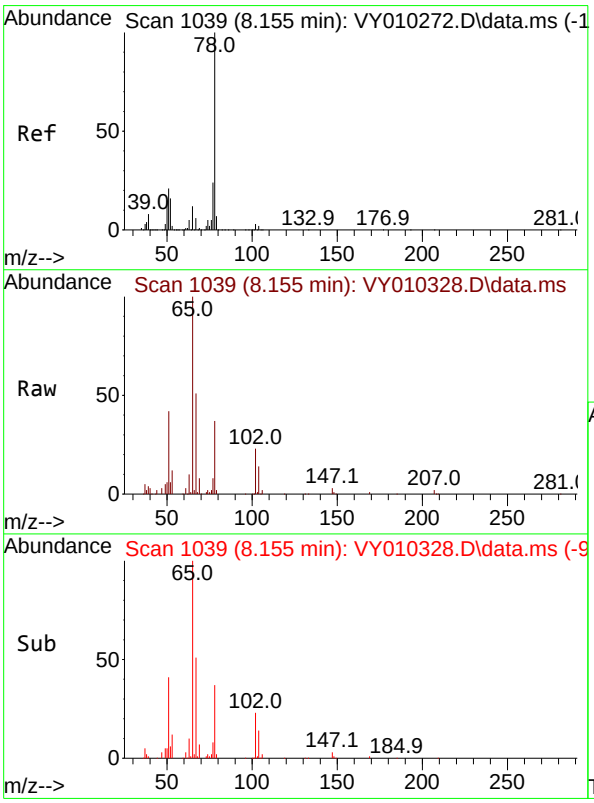
#39
Methylcyclohexane
Concen: 3.025 ug/l
RT: 9.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Tgt Ion: 83 Resp: 17340

Ion	Ratio	Lower	Upper
83	100		
55	81.1	66.5	99.7
98	48.3	37.9	56.9

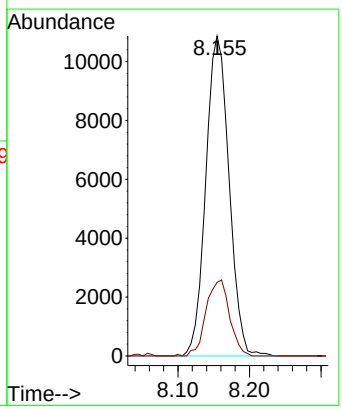


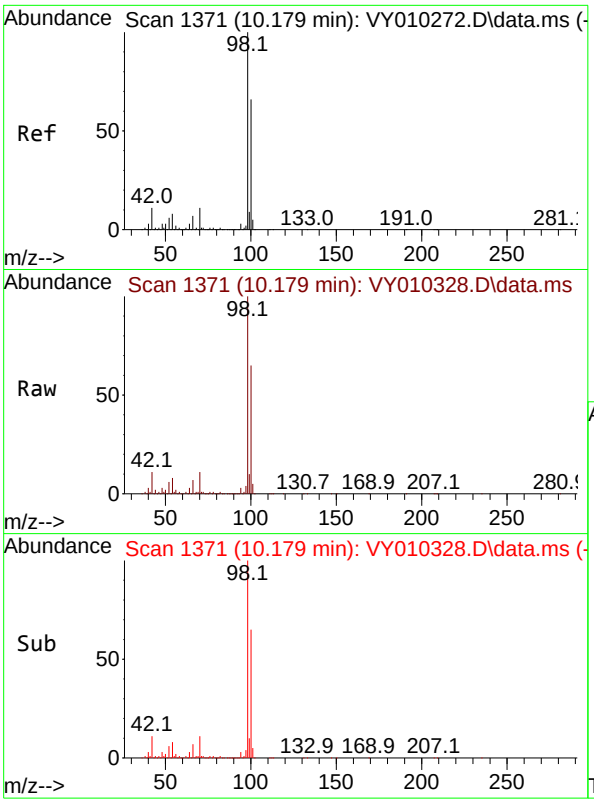


#40
Benzene
Concen: 1.932 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Tgt Ion: 78 Resp: 24565

Ion	Ratio	Lower	Upper
78	100		
77	23.0	20.4	30.6



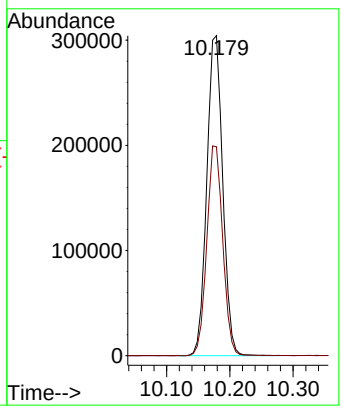


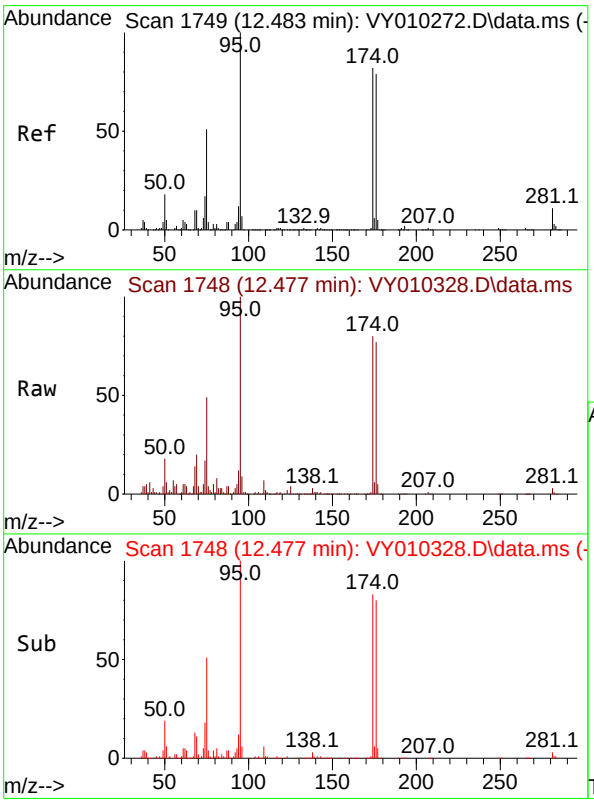
#50
Toluene-d8
Concen: 52.634 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Tgt Ion: 98 Resp: 533278

Ion	Ratio	Lower	Upper
98	100		
100	65.4	50.2	75.2

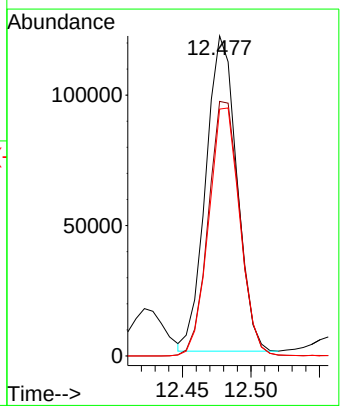


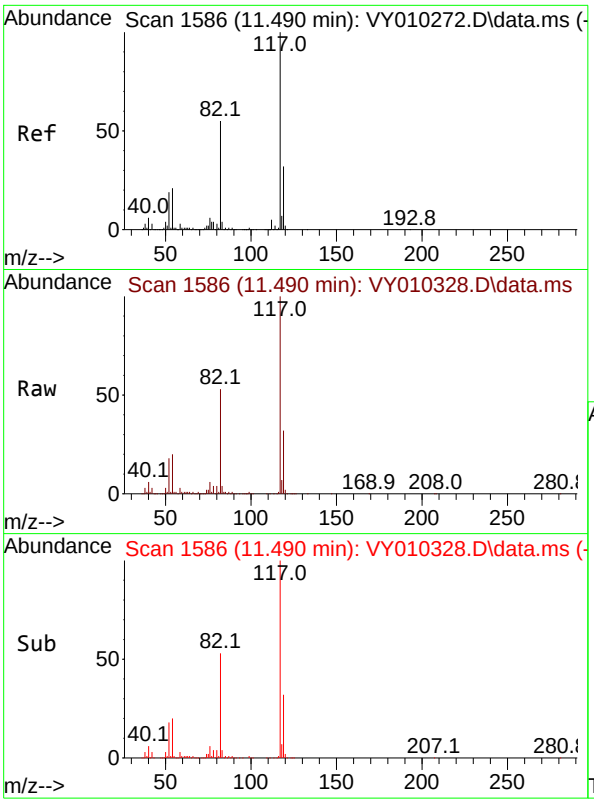


#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Tgt Ion: 95 Resp: 190253

Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	177.0
176	79.1	0.0	175.8



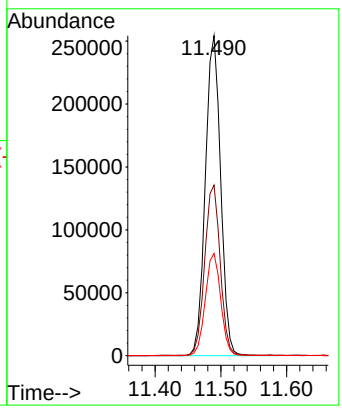


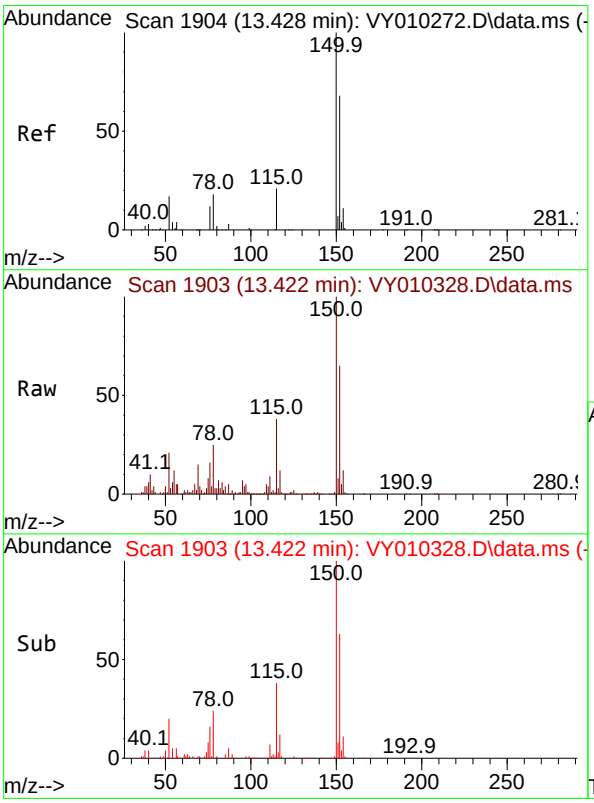
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY010328.D
Acq: 03 Sep 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
KTS2-MH-02-4-5

Tgt Ion:117 Resp: 411061

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	31.9	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: VY010328.D
Acq: 03 Sep 2022 18:19

Tgt Ion:152 Resp: 196699

Ion	Ratio	Lower	Upper
152	100		
115	51.9	28.2	84.7
150	142.9	0.0	347.6