Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011823\
Data File : VY012245.D
Acq On : 18 Jan 2023 14:45
Operator : KP/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Jan 19 00:35:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	188135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	303624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	100044	65.362	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.720%			
35) Dibromofluoromethane	7.716	113	91649	56.307	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.620%			
50) Toluene-d8	10.179	98	367993	66.698	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 133.400%			
62) 4-Bromofluorobenzene	12.483	95	130959	57.075	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.140%			
Target Compounds						Qvalue
68) m/p-Xylenes	11.697	106	11698	2.665	ug/l	92
69) o-Xylene	12.032	106	5921	1.412	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	40278	4.471	ug/l	100
95) Naphthalene	15.239	128	21576	3.801	ug/l #	90

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

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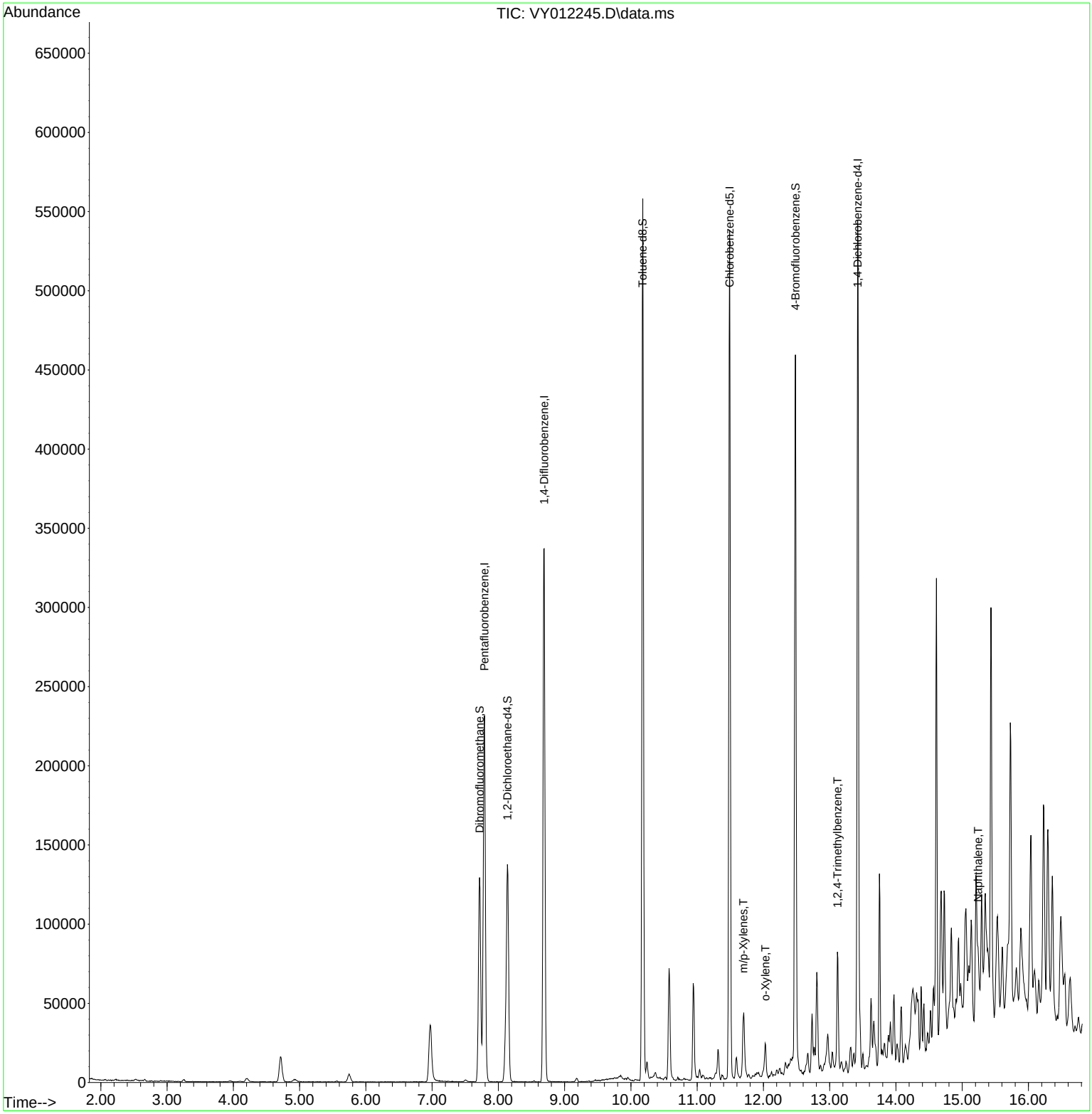
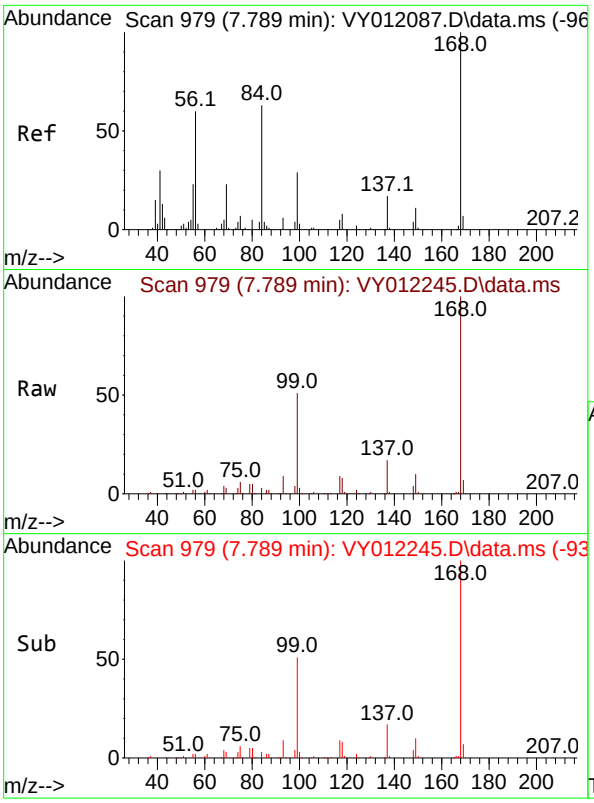


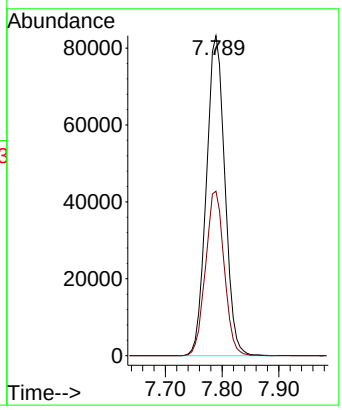


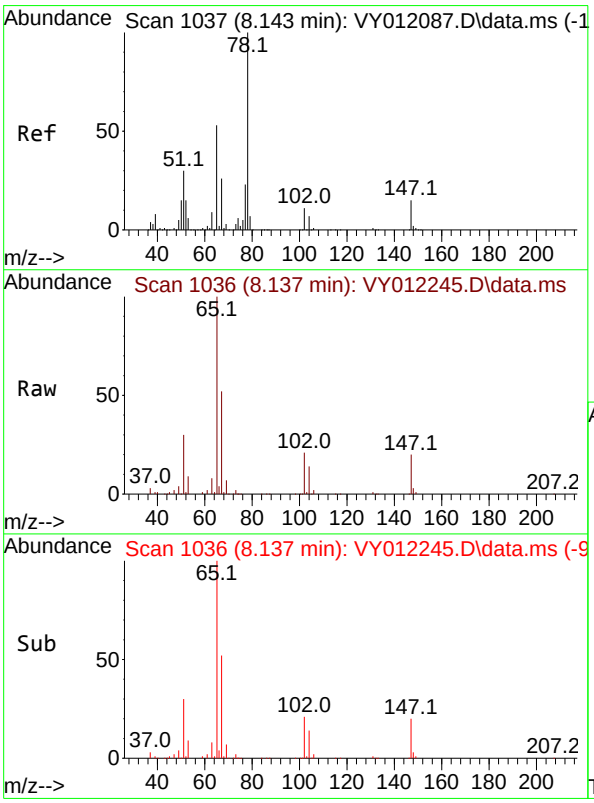
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 188135

Ion	Ratio	Lower	Upper
168	100		
99	51.4	44.0	66.0

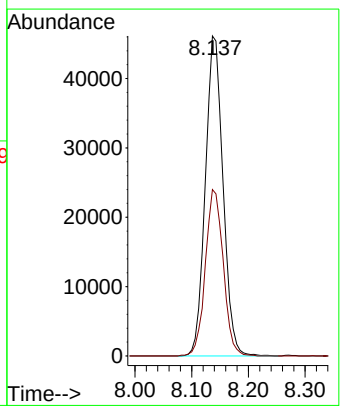


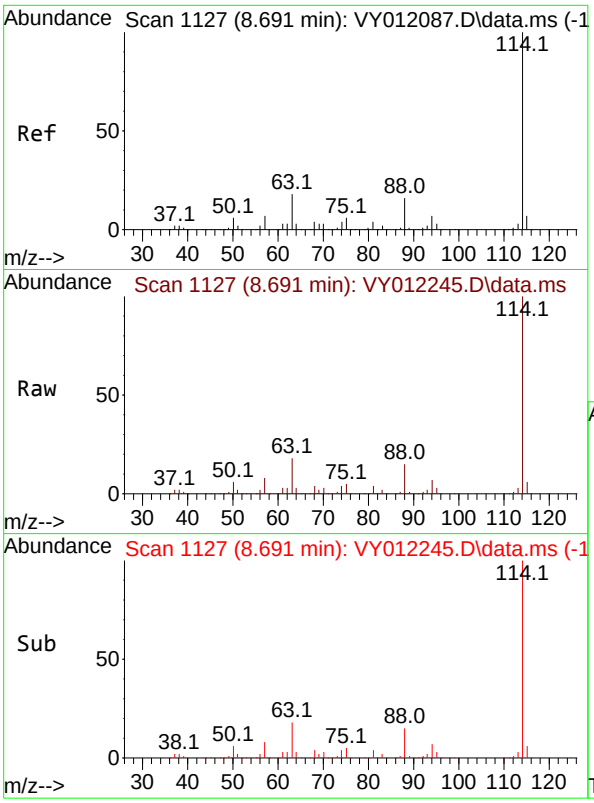


#33
1,2-Dichloroethane-d4
Concen: 65.362 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 65 Resp: 100044

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.2



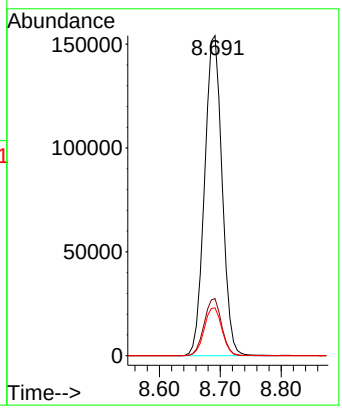


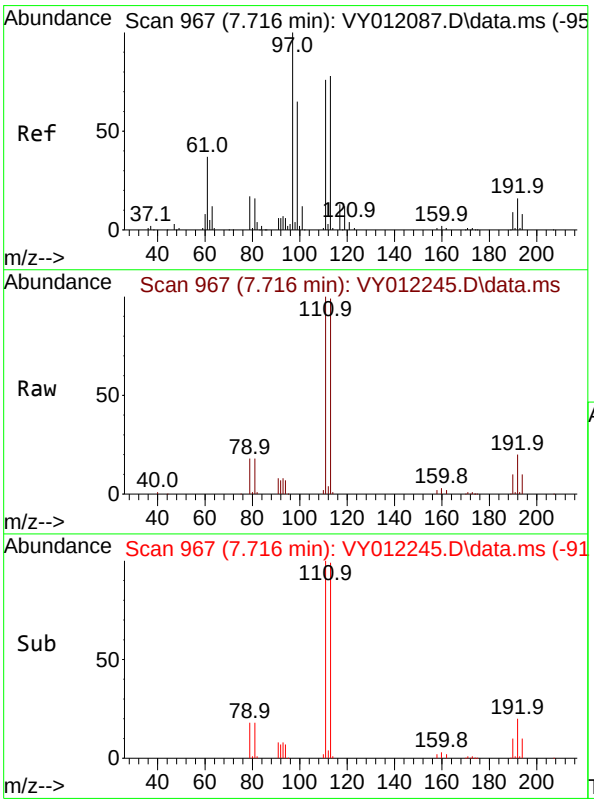
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 307398

Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	39.6
88	15.0	0.0	32.2

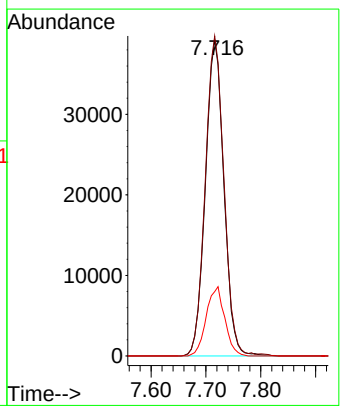


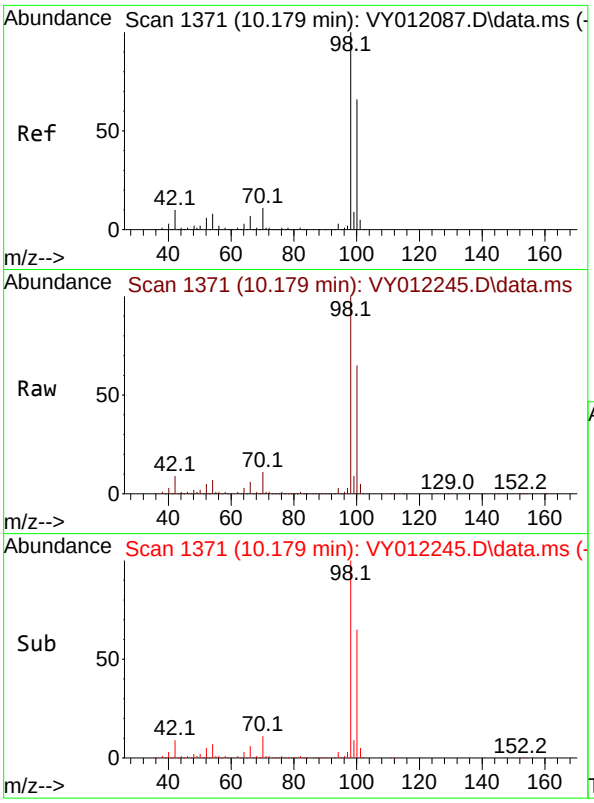


#35
Dibromofluoromethane
Concen: 56.307 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:113 Resp: 91649

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.0	124.4
192	21.9	16.0	24.0



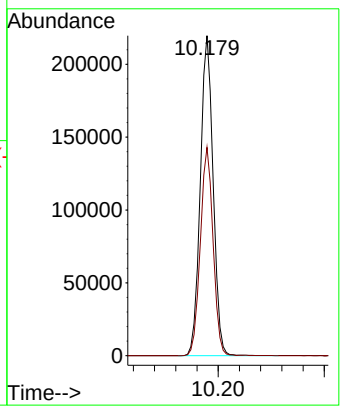


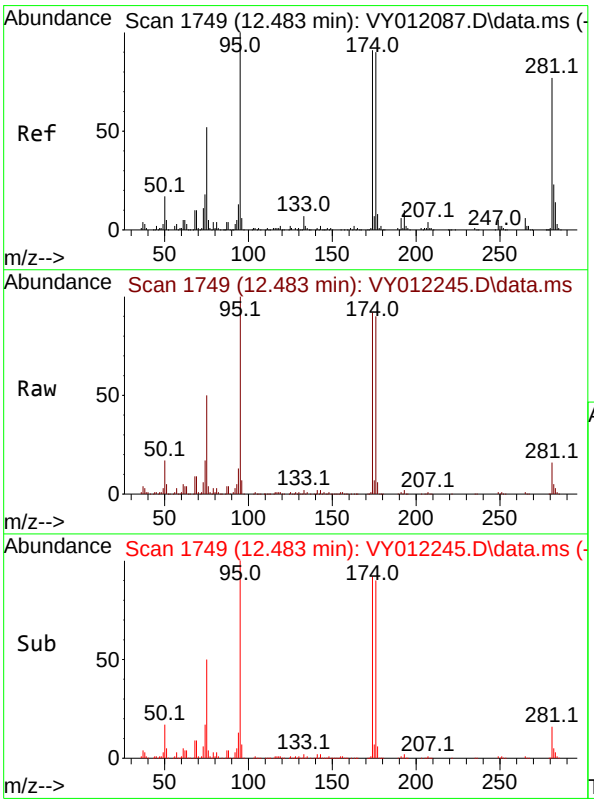
#50
Toluene-d8
Concen: 66.698 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 98 Resp: 367993

Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9

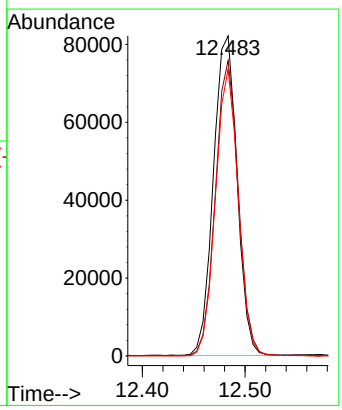


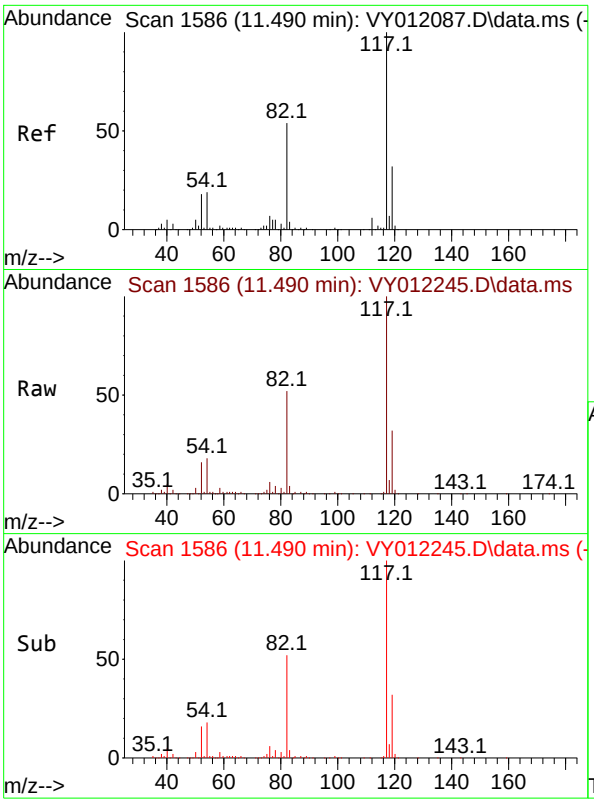


#62
4-Bromofluorobenzene
Concen: 57.075 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion: 95 Resp: 130959

Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	172.0
176	86.4	0.0	167.6



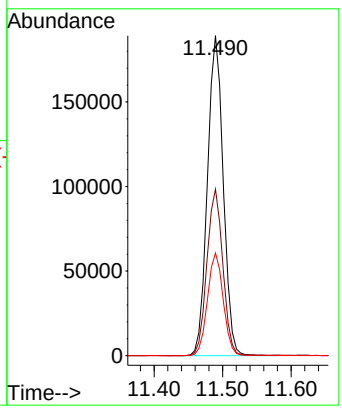


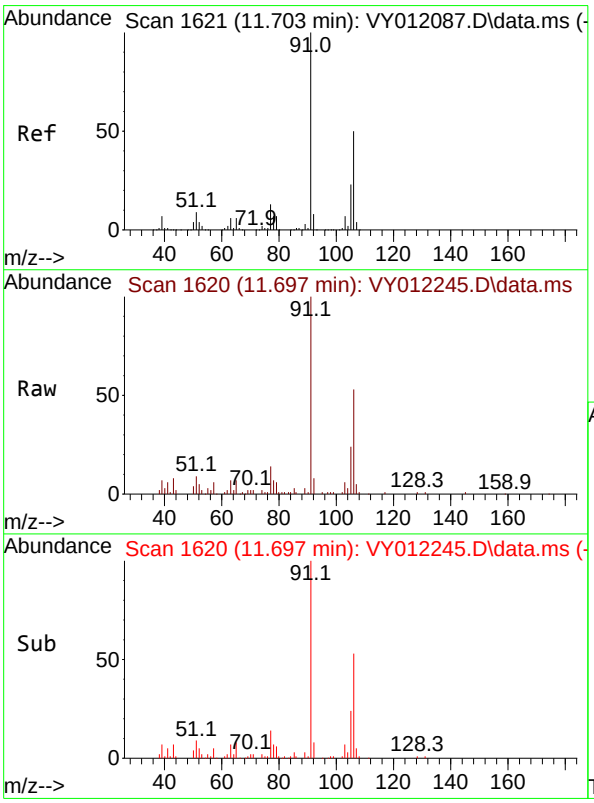
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 303624

Ion	Ratio	Lower	Upper
117	100		
82	52.0	44.8	67.2
119	32.1	25.4	38.2

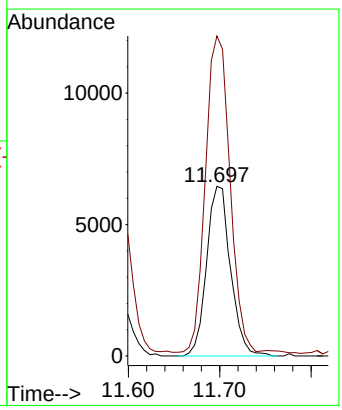


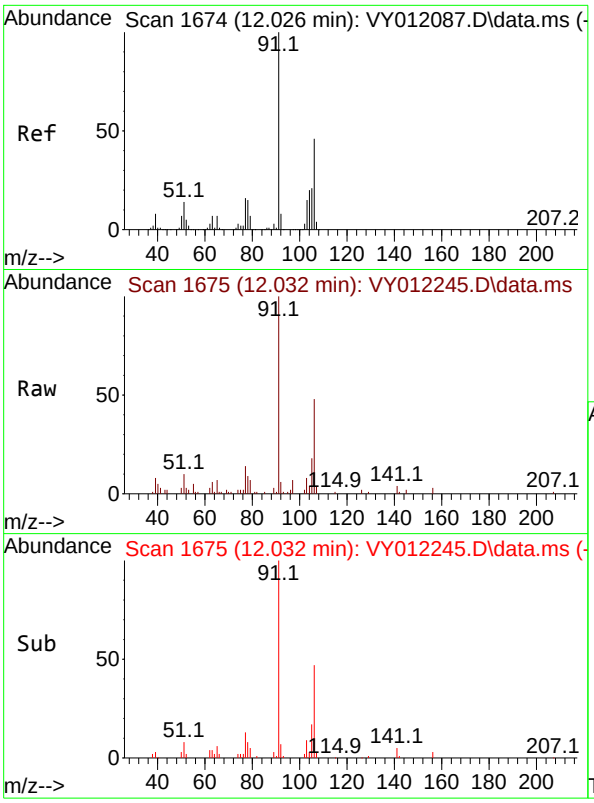


#68
m/p-Xylenes
Concen: 2.665 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:106 Resp: 11698

Ion	Ratio	Lower	Upper
106	100		
91	191.2	162.5	243.7



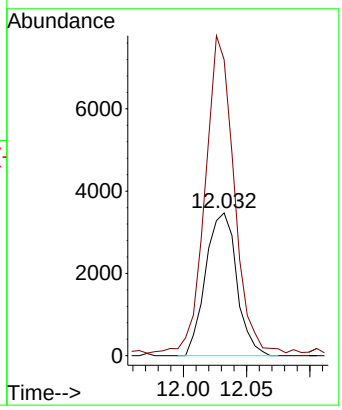


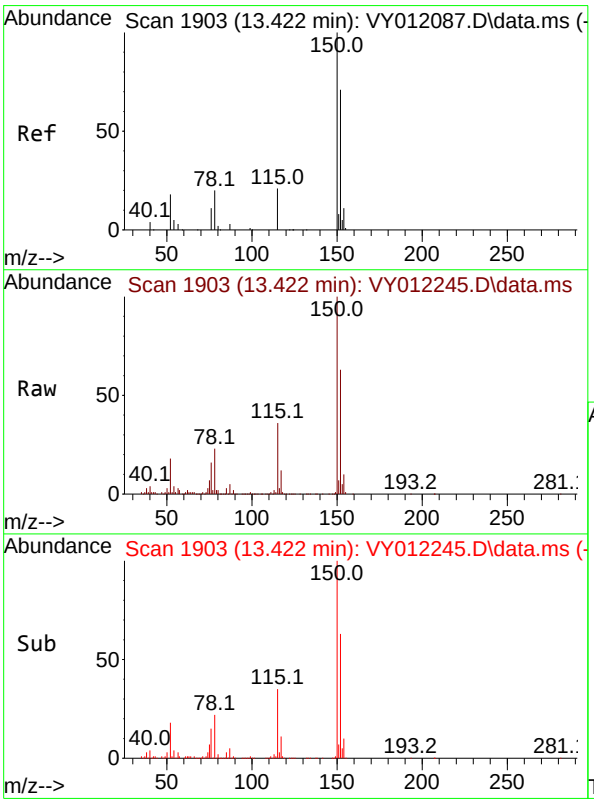
#69
o-Xylene
Concen: 1.412 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 5921

Ion	Ratio	Lower	Upper
106	100		
91	209.3	107.5	322.4

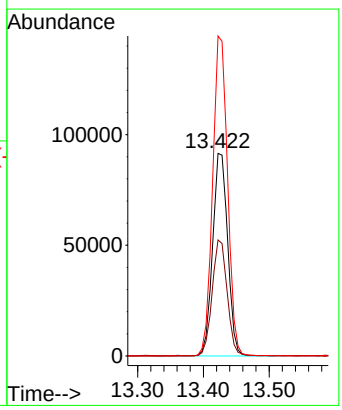


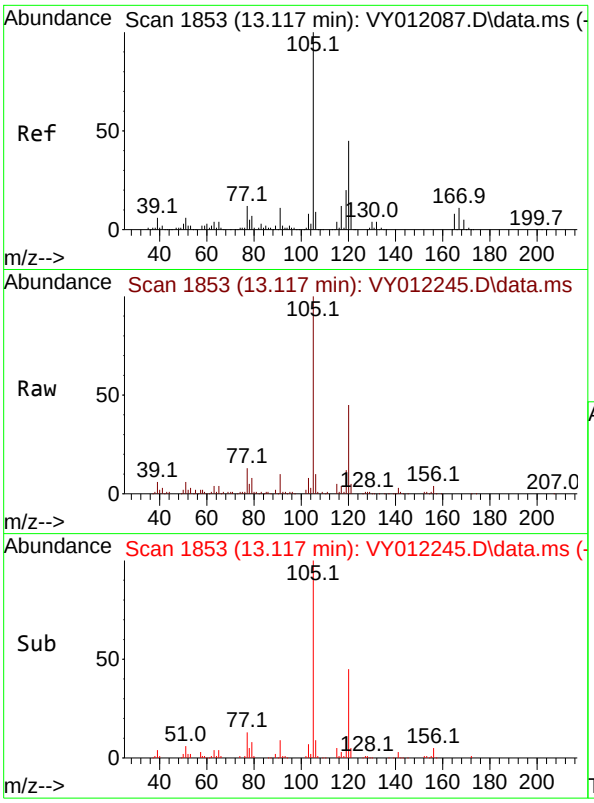


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:152 Resp: 145742

Ion	Ratio	Lower	Upper
152	100		
115	56.9	29.1	87.3
150	156.3	0.0	342.6



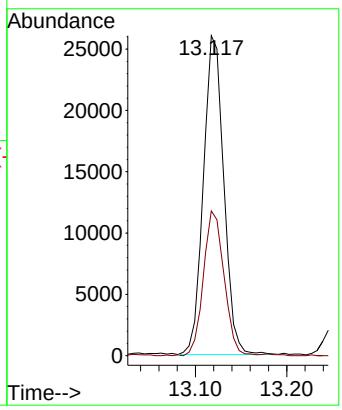


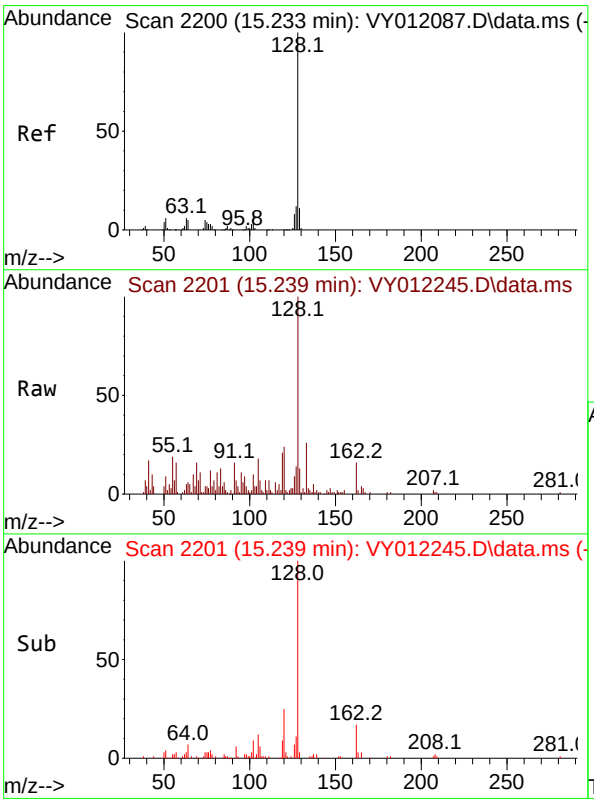
#84
1,2,4-Trimethylbenzene
Concen: 4.471 ug/l
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 40278

Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.7





#95
Naphthalene
Concen: 3.801 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY012245.D
Acq: 18 Jan 2023 14:45

Tgt Ion:128 Resp: 21576

Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.2	15.2#
129	14.3	8.8	13.2#