Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063022\
Data File : VY009408.D
Acq On : 30 Jun 2022 21:04
Operator : KP/MD
Sample : N3550-03
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Quant Time: Jul 01 03:49:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 17:35:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	129393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	220787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	211847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57679	55.654	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.300%			
35) Dibromofluoromethane	7.710	113	42779	35.204	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 70.400%			
50) Toluene-d8	10.173	98	194933	52.321	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.640%			
62) 4-Bromofluorobenzene	12.477	95	68139	38.562	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 77.120%			
Target Compounds						Qvalue
69) o-Xylene	12.020	106	3014	1.016	ug/l	96
78) n-propylbenzene	12.666	91	26684	2.776	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	159887	24.198	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	194563	30.987	ug/l	95

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

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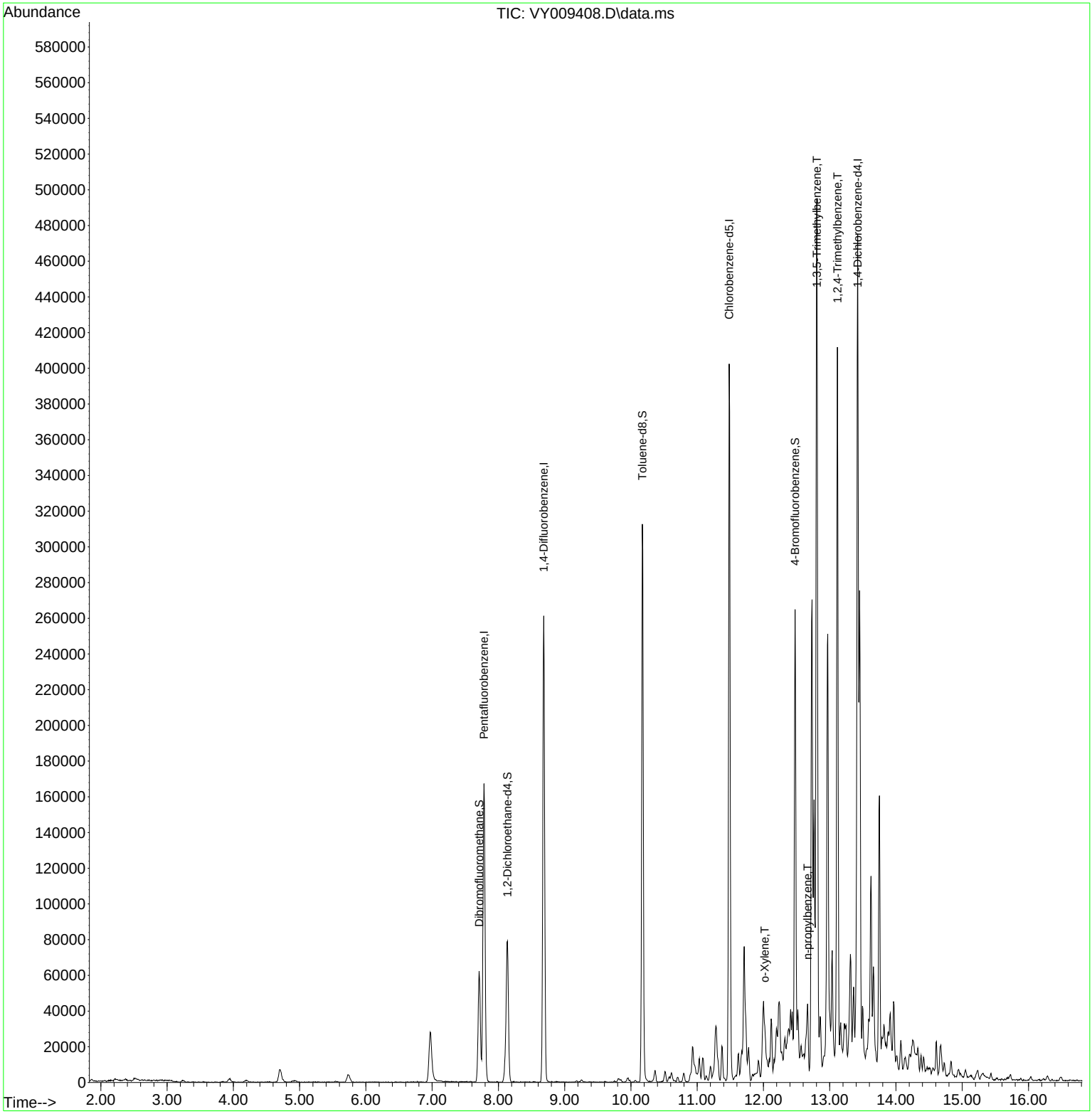
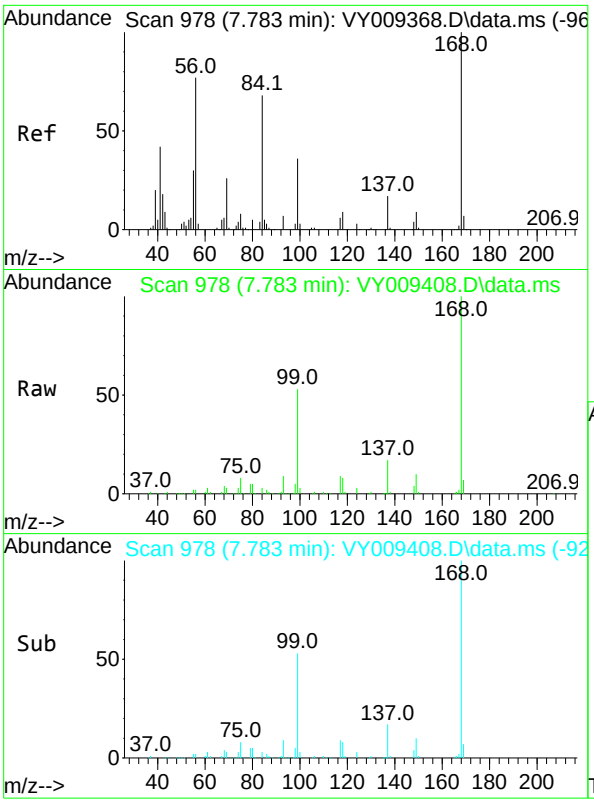


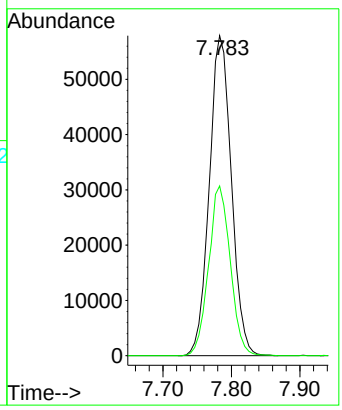


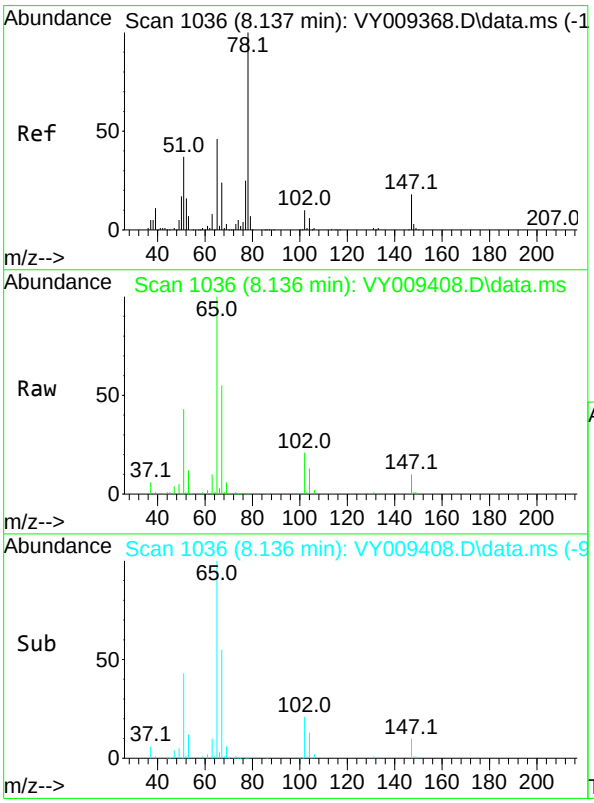
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Tgt Ion:168 Resp: 129393

Ion	Ratio	Lower	Upper
168	100		
99	53.1	46.9	70.3

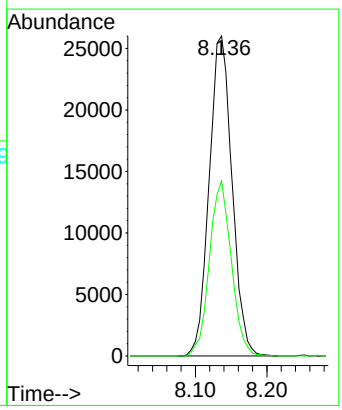


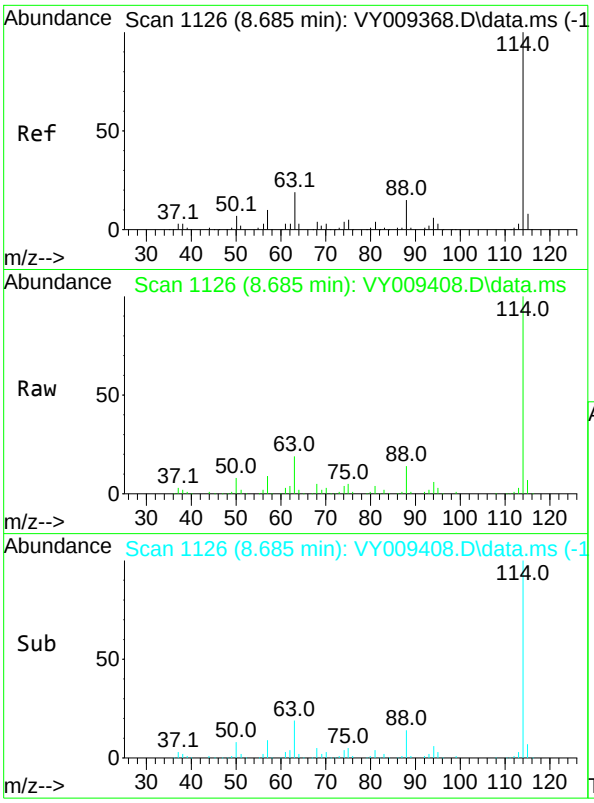


#33
1,2-Dichloroethane-d4
Concen: 55.654 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Tgt Ion: 65 Resp: 57679

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	99.4



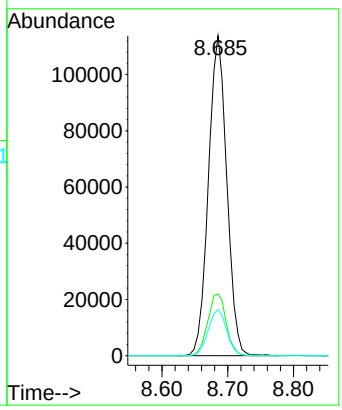


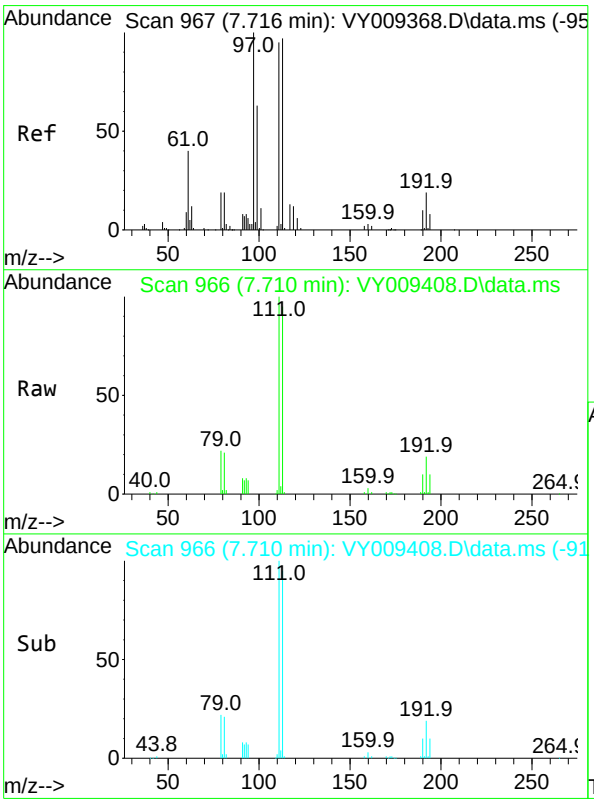
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Tgt Ion:114 Resp: 220787

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	14.4	0.0	31.8

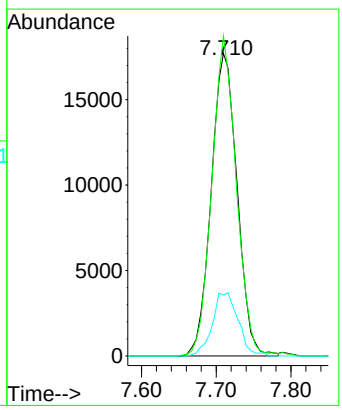


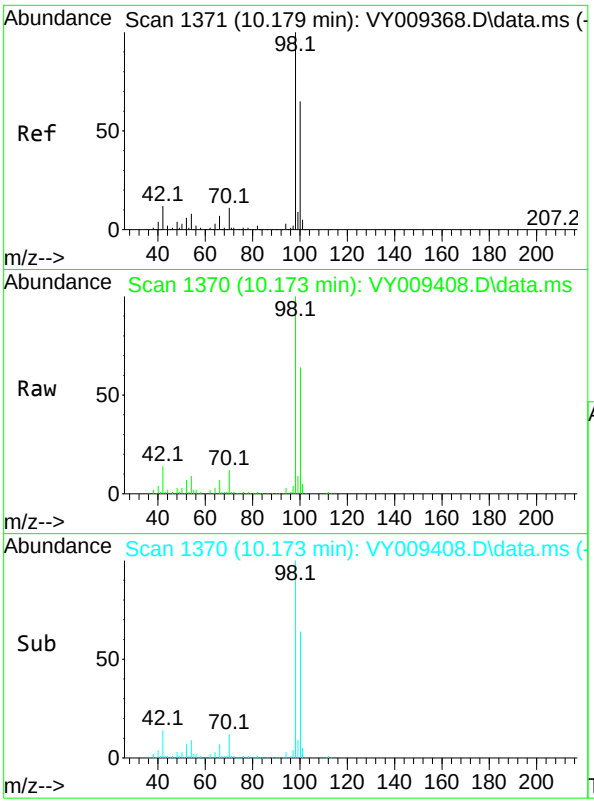


#35
Dibromofluoromethane
Concen: 35.204 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Tgt Ion:113 Resp: 42779

Ion	Ratio	Lower	Upper
113	100		
111	100.0	82.6	124.0
192	20.8	17.6	26.4



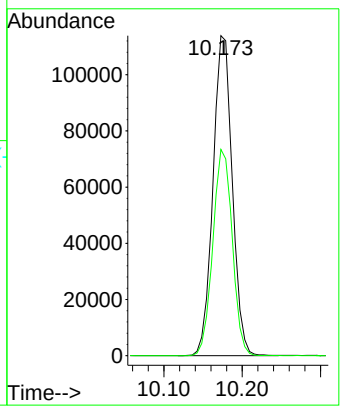


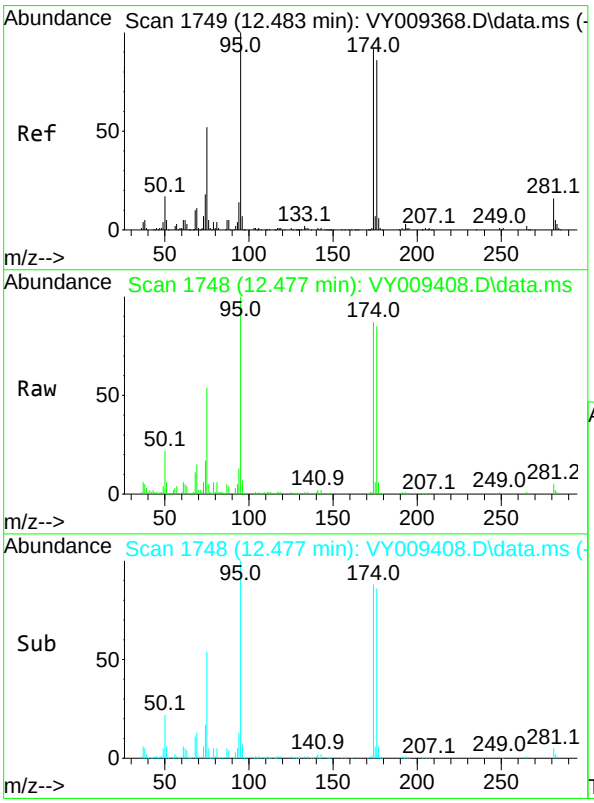
#50
Toluene-d8
Concen: 52.321 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Tgt Ion: 98 Resp: 194933

Ion	Ratio	Lower	Upper
98	100		
100	64.8	50.2	75.2

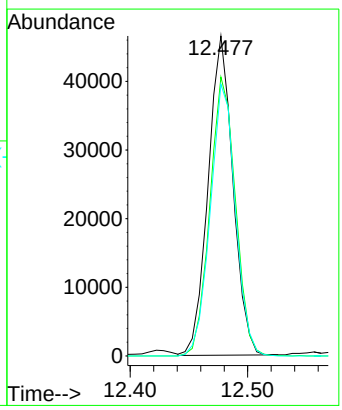


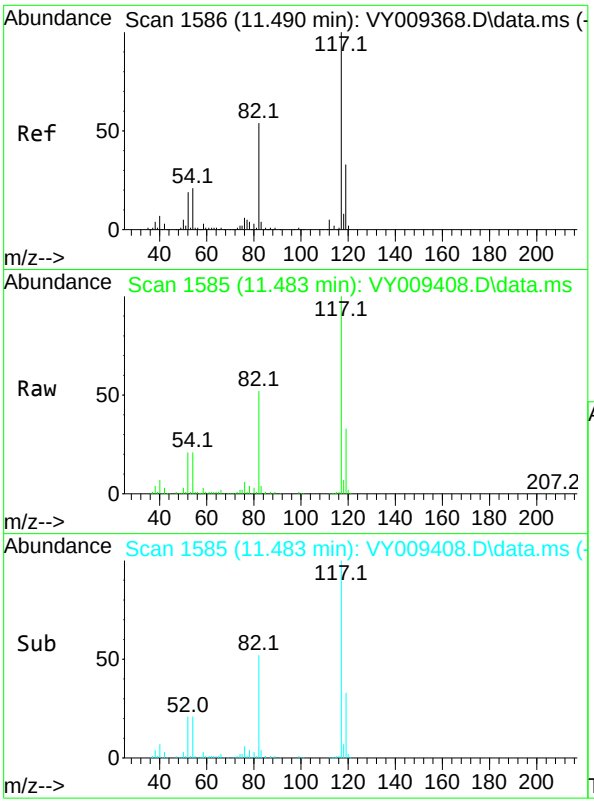


#62
4-Bromofluorobenzene
Concen: 38.562 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Tgt Ion: 95 Resp: 68139

Ion	Ratio	Lower	Upper
95	100		
174	90.0	0.0	177.0
176	86.3	0.0	175.8



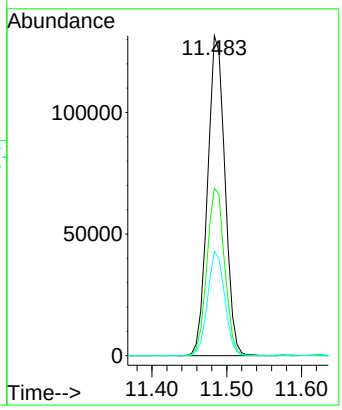


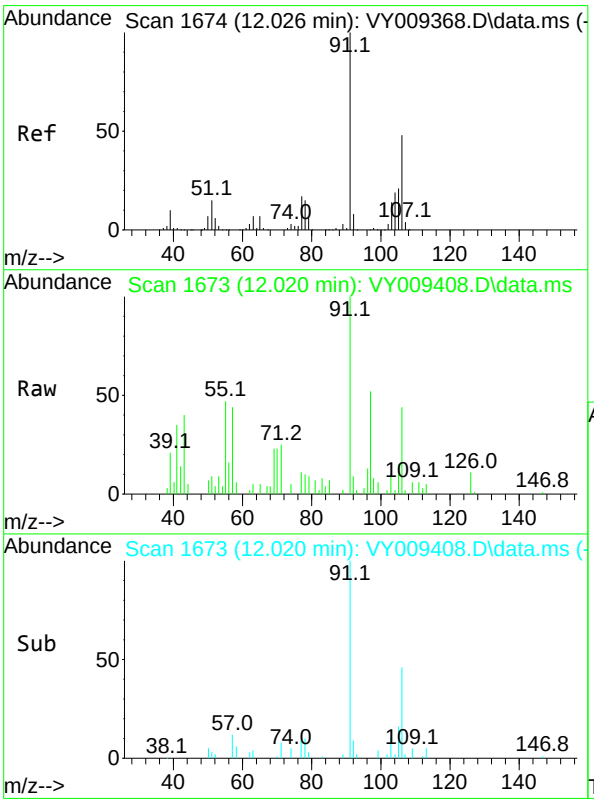
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Tgt Ion:117 Resp: 211847

Ion	Ratio	Lower	Upper
117	100		
82	52.2	43.0	64.4
119	32.7	25.4	38.0

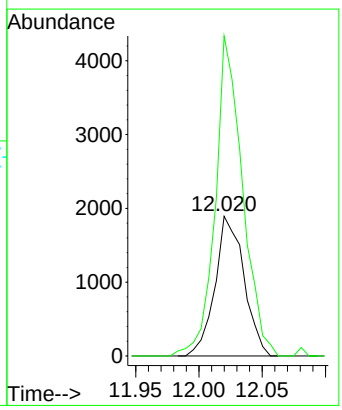


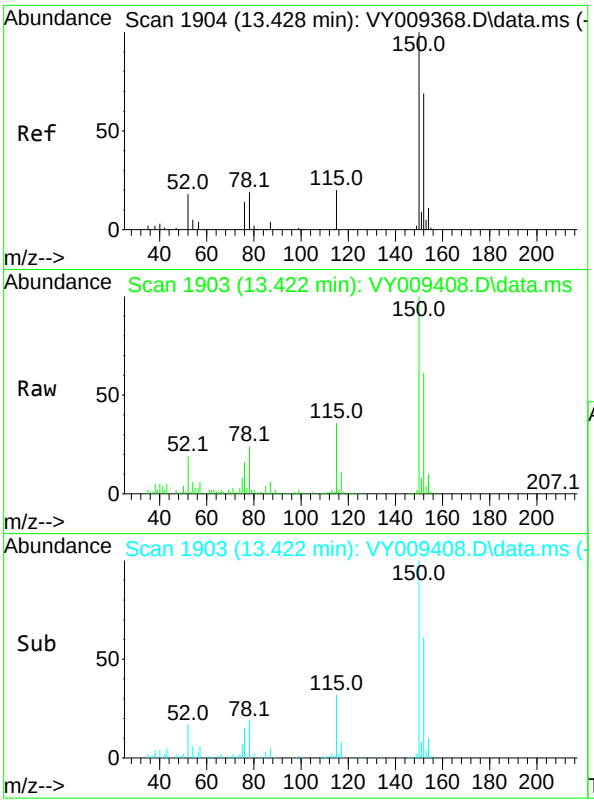


#69
o-Xylene
Concen: 1.016 ug/l
RT: 12.020 min Scan# 1673
Delta R.T. -0.006 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Tgt Ion:106 Resp: 3014

Ion	Ratio	Lower	Upper
106	100		
91	215.0	110.3	331.0



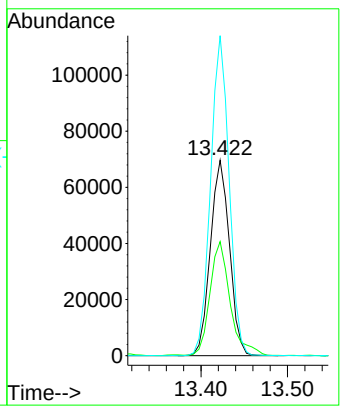


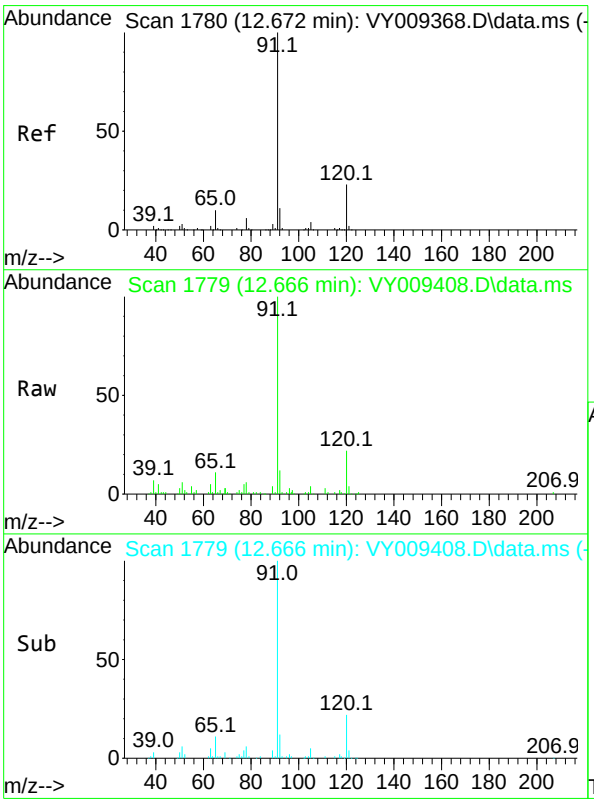
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Tgt Ion:152 Resp: 106973

Ion	Ratio	Lower	Upper
152	100		
115	61.8	28.2	84.7
150	158.2	0.0	347.6

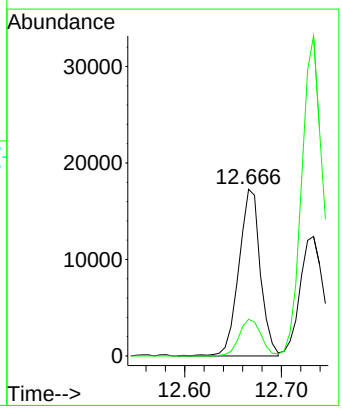


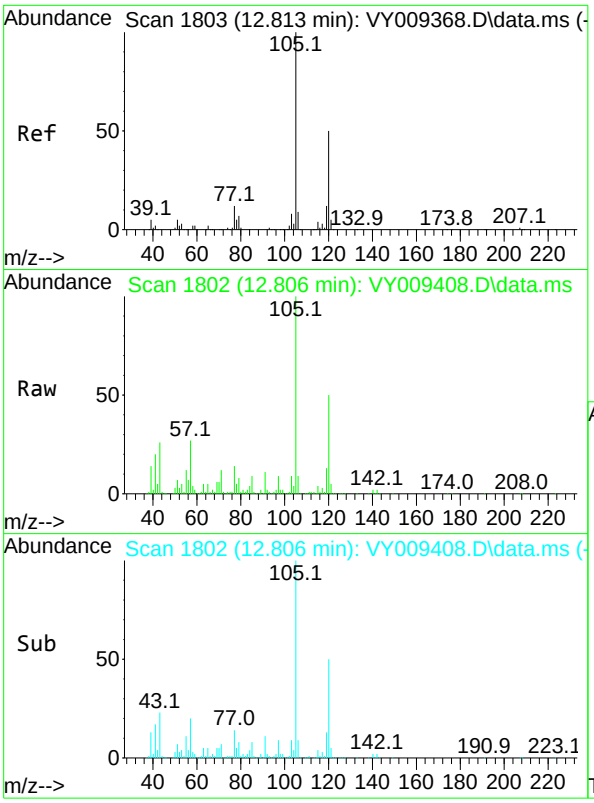


#78
n-propylbenzene
Concen: 2.776 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Tgt Ion: 91 Resp: 26684

Ion	Ratio	Lower	Upper
91	100		
120	22.5	11.3	33.9



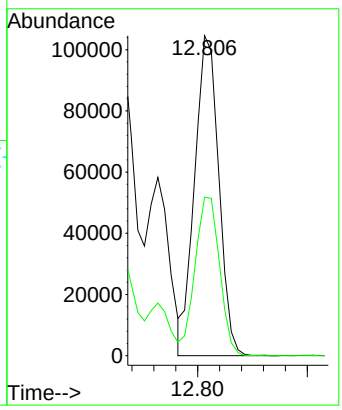


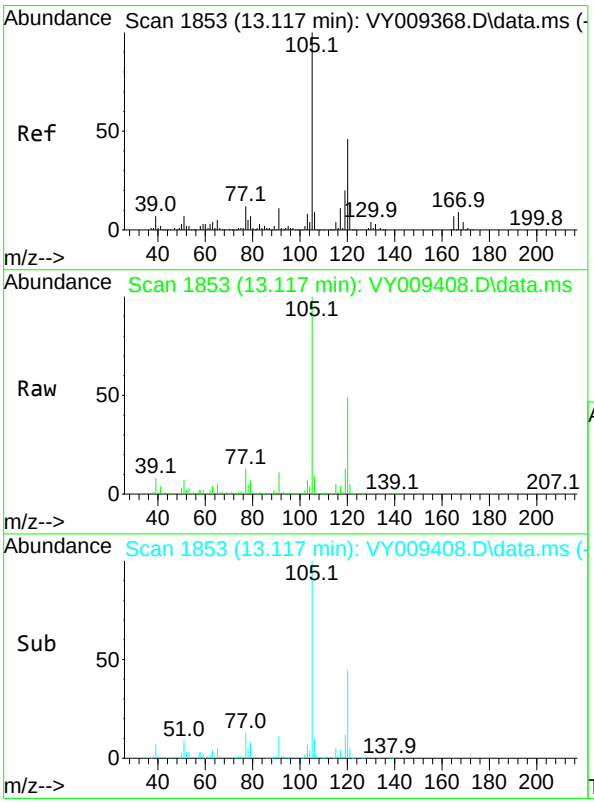
#80
1,3,5-Trimethylbenzene
Concen: 24.198 ug/l
RT: 12.806 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Instrument :
MSVOA_Y
ClientSampleId :
HR-03-06292022

Tgt Ion:105 Resp: 159887

Ion	Ratio	Lower	Upper
105	100		
120	50.6	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 30.987 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009408.D
Acq: 30 Jun 2022 21:04

Tgt Ion:105 Resp: 194563

Ion	Ratio	Lower	Upper
105	100		
120	48.1	22.3	66.9