Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012401.D
Acq On : 30 Jan 2023 16:35
Operator : KP/MD
Sample : 01358-13
Misc : 7.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Quant Time: Jan 31 01:48:46 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	162070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	268976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	270910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	99374	76.019	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 152.040%			
35) Dibromofluoromethane	7.716	113	76027	53.381	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.760%			
50) Toluene-d8	10.179	98	325367	67.446	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 134.900%			
62) 4-Bromofluorobenzene	12.477	95	118778	59.160	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.320%			
Target Compounds						Qvalue
80) 1,3,5-Trimethylbenzene	12.812	105	40590	4.832	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	63182	7.627	ug/l	100
86) p-Isopropyltoluene	13.367	119	15805	1.735	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	11828	2.867	ug/l #	77

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

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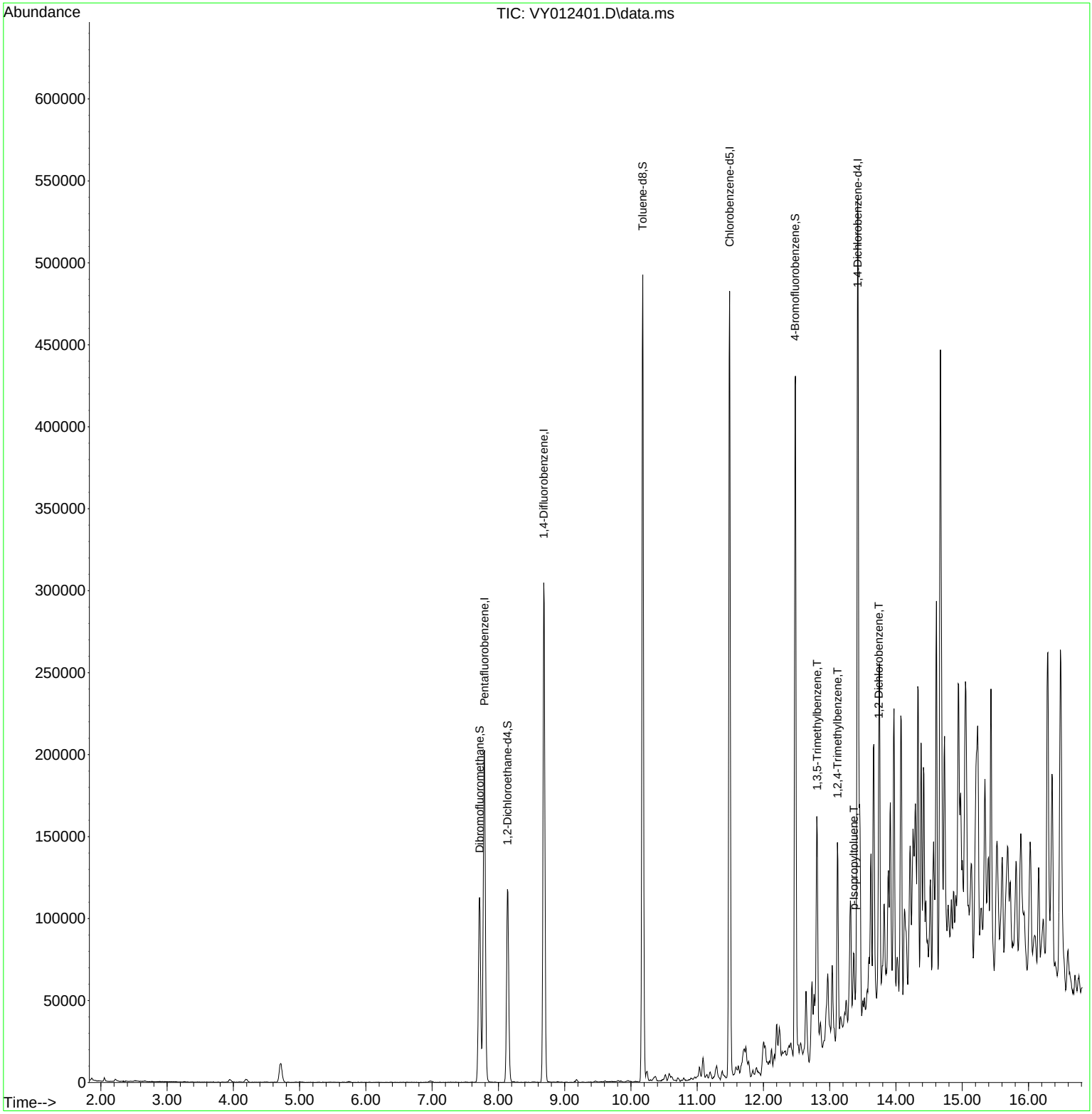
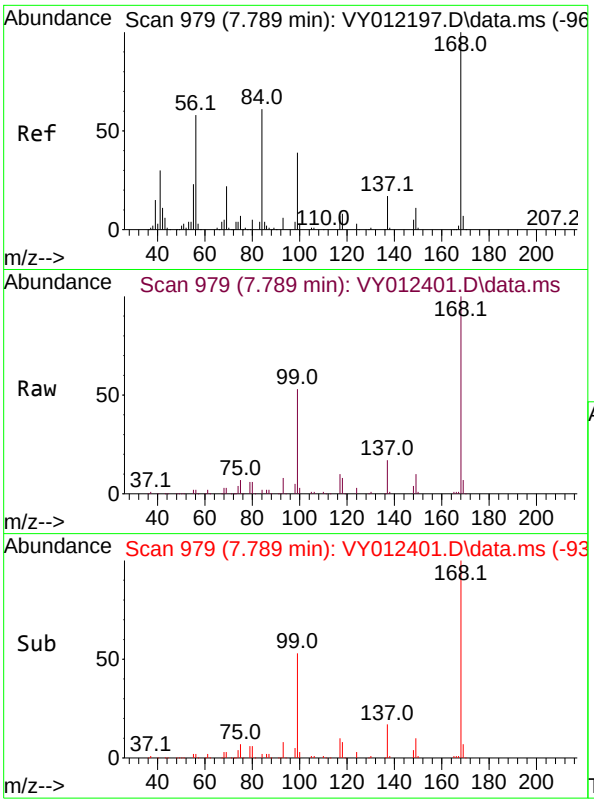


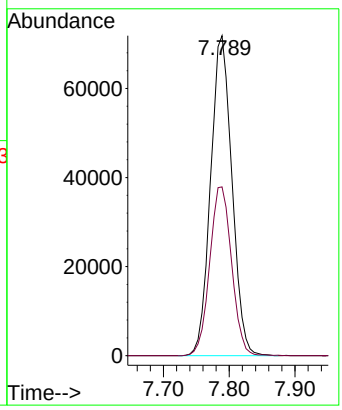


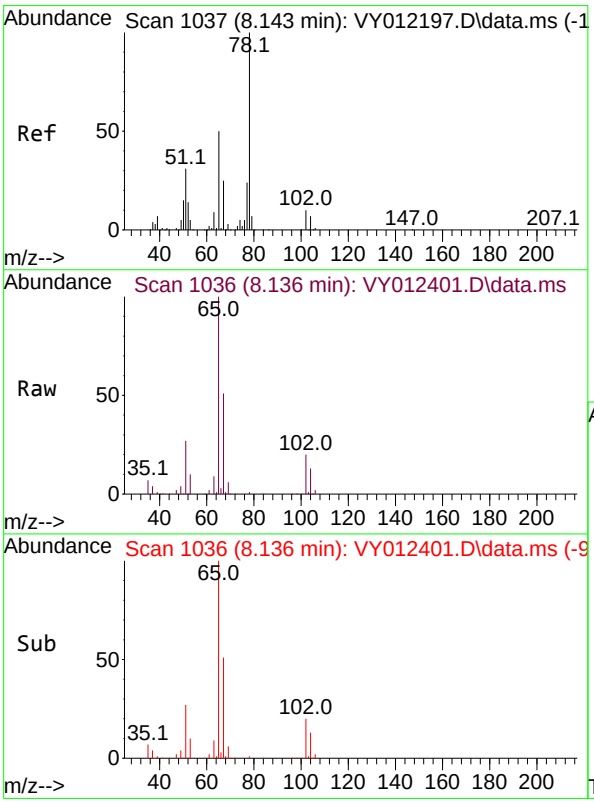
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Tgt Ion:168 Resp: 162070

Ion	Ratio	Lower	Upper
168	100		
99	52.7	44.0	66.0

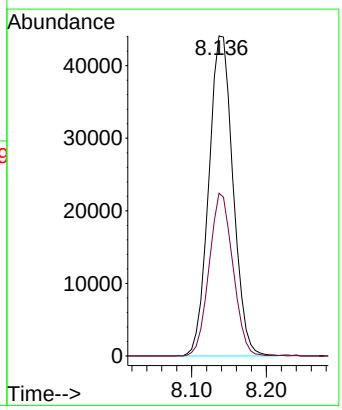


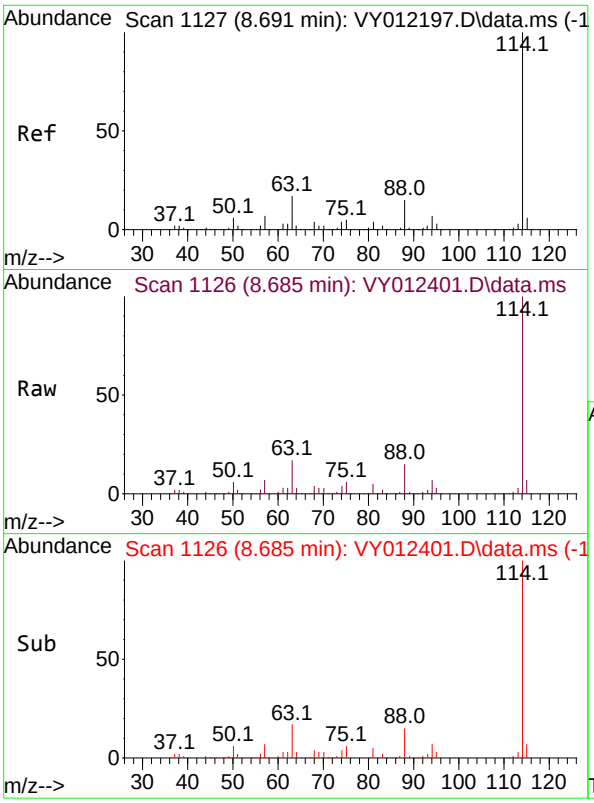


#33
1,2-Dichloroethane-d4
Concen: 76.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Tgt Ion: 65 Resp: 99374

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	103.2



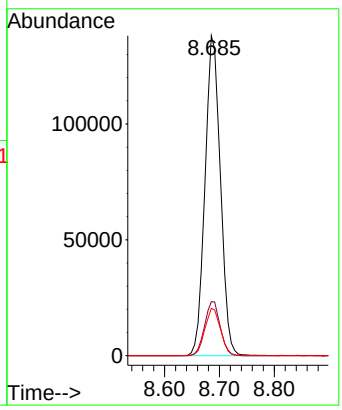


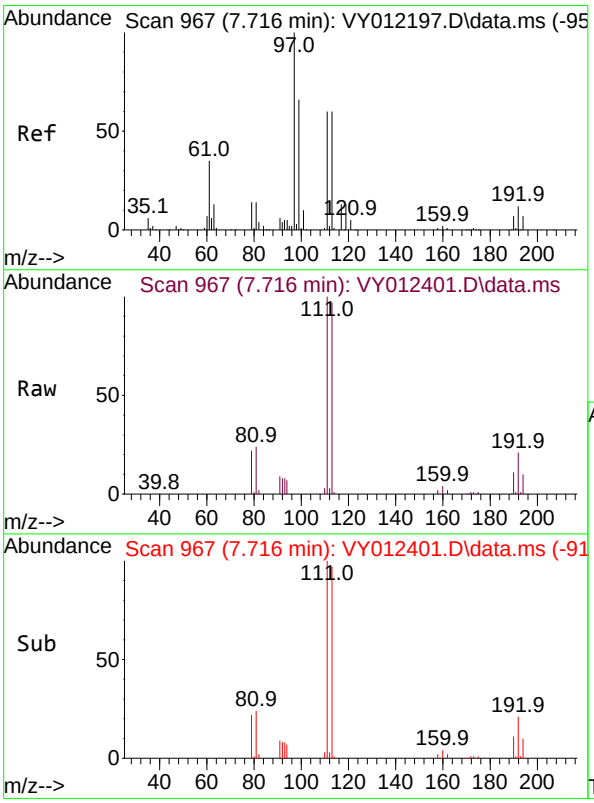
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Tgt Ion:114 Resp: 268976

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	39.6
88	14.8	0.0	32.2

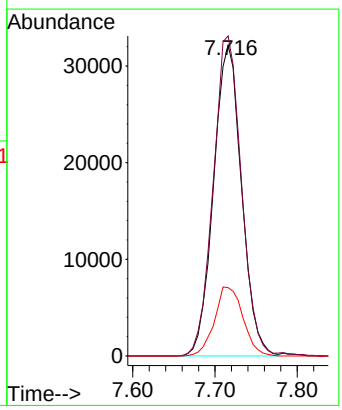


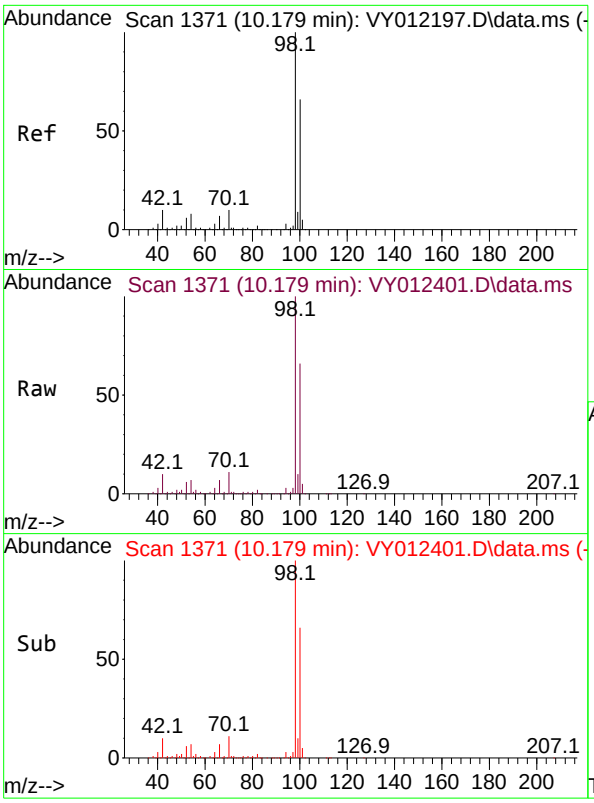


#35
Dibromofluoromethane
Concen: 53.381 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Tgt Ion:113 Resp: 76027

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.0	124.4
192	22.6	16.0	24.0



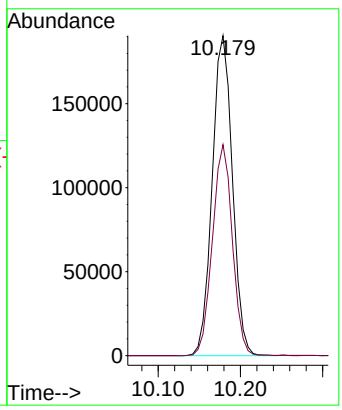


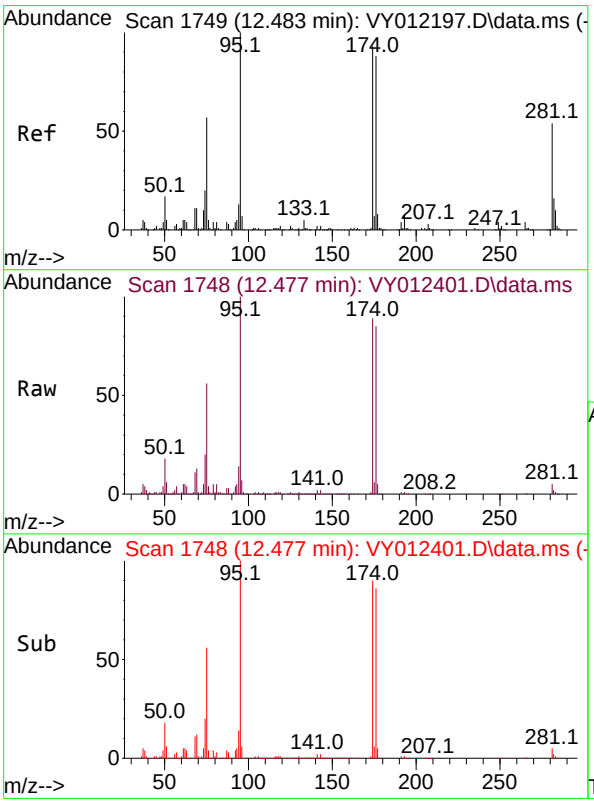
#50
Toluene-d8
Concen: 67.446 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Tgt Ion: 98 Resp: 325367

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9

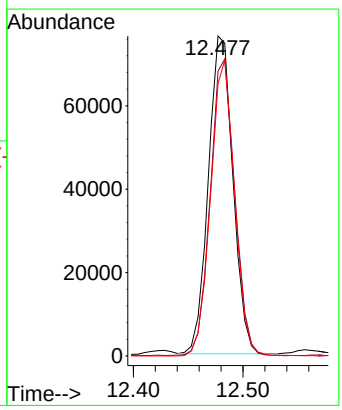


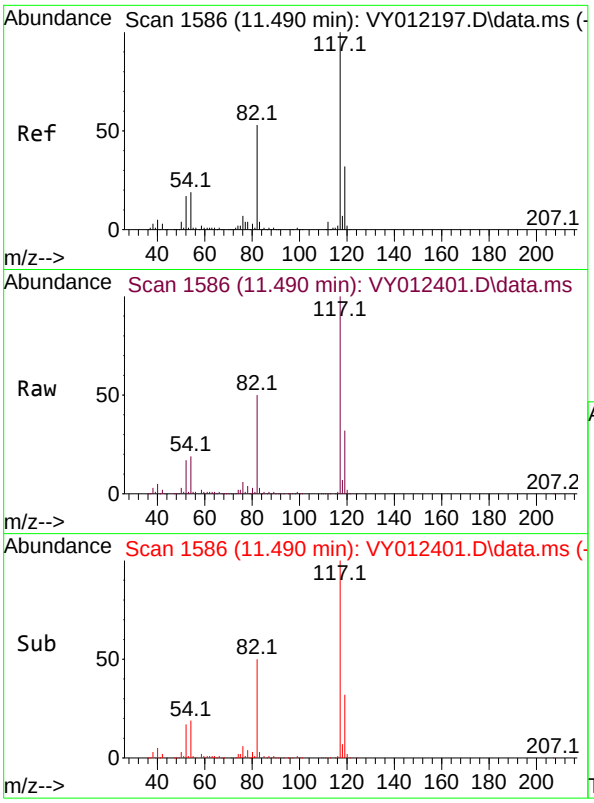


#62
4-Bromofluorobenzene
Concen: 59.160 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Tgt Ion: 95 Resp: 118778

Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	172.0
176	91.2	0.0	167.6



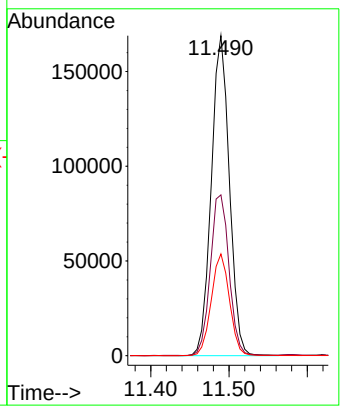


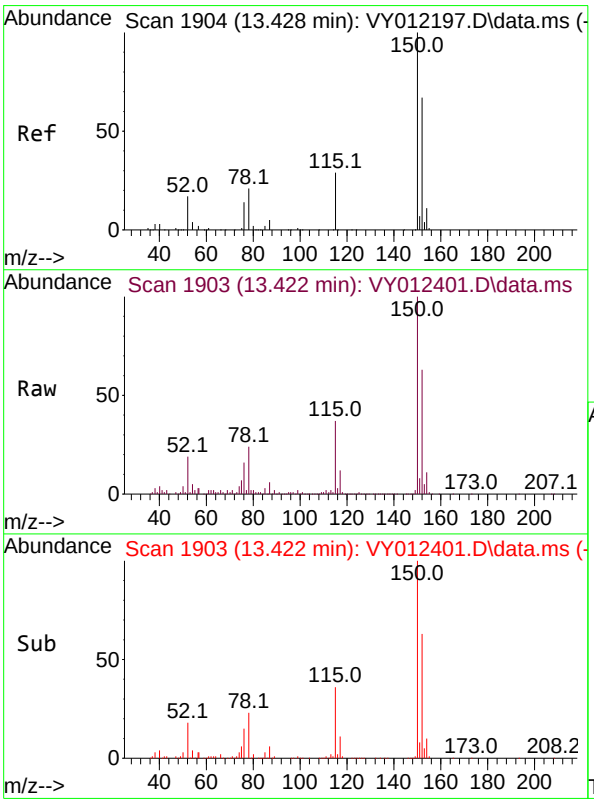
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Tgt Ion:117 Resp: 270910

Ion	Ratio	Lower	Upper
117	100		
82	50.2	44.8	67.2
119	31.8	25.4	38.2

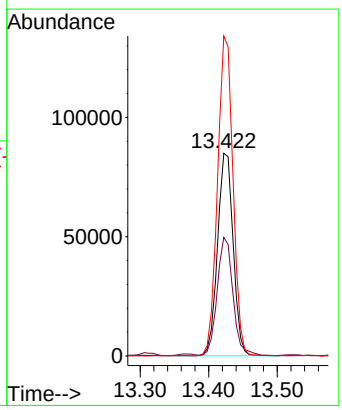


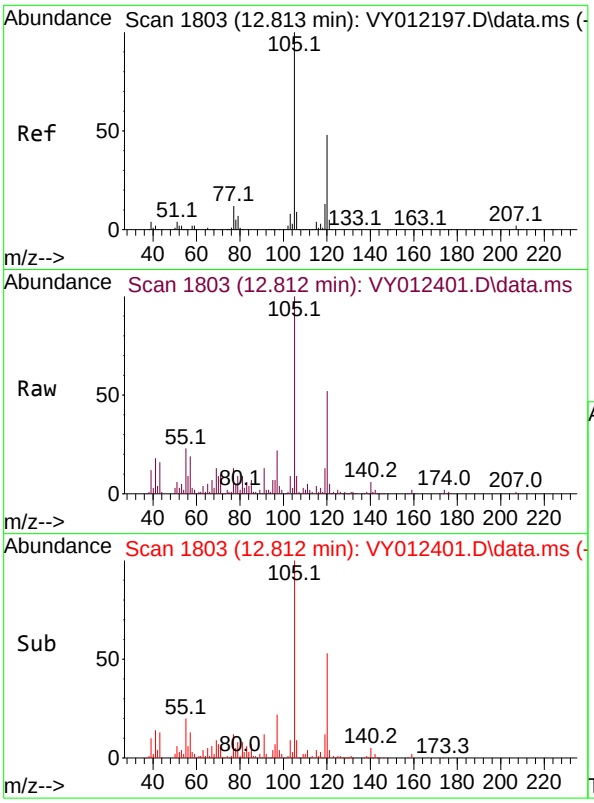


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Tgt Ion:152 Resp: 134002

Ion	Ratio	Lower	Upper
152	100		
115	58.8	29.1	87.3
150	156.5	0.0	342.6



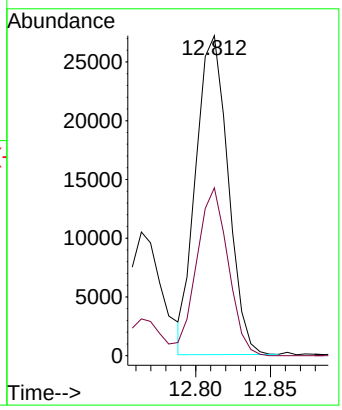


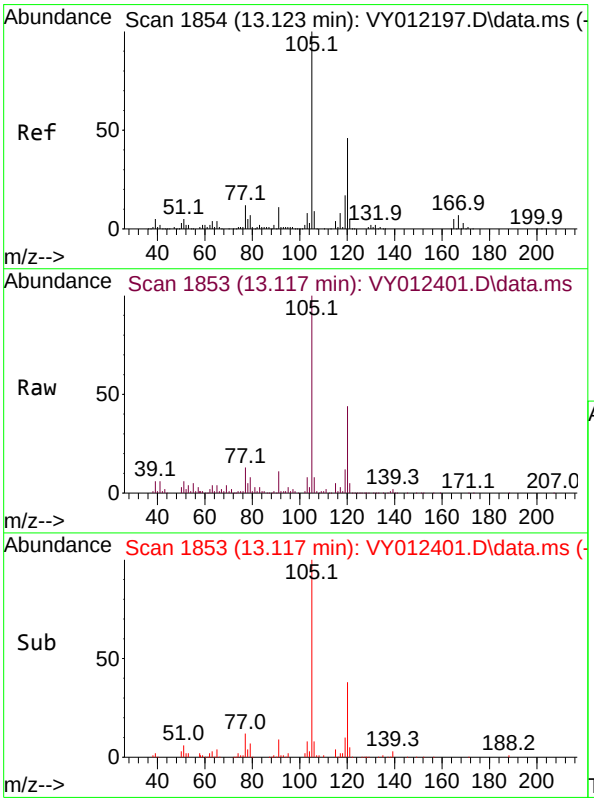
#80
1,3,5-Trimethylbenzene
Concen: 4.832 ug/l
RT: 12.812 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Tgt Ion:105 Resp: 40590

Ion	Ratio	Lower	Upper
105	100		
120	51.8	24.2	72.6

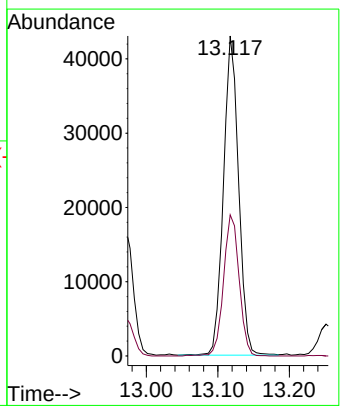


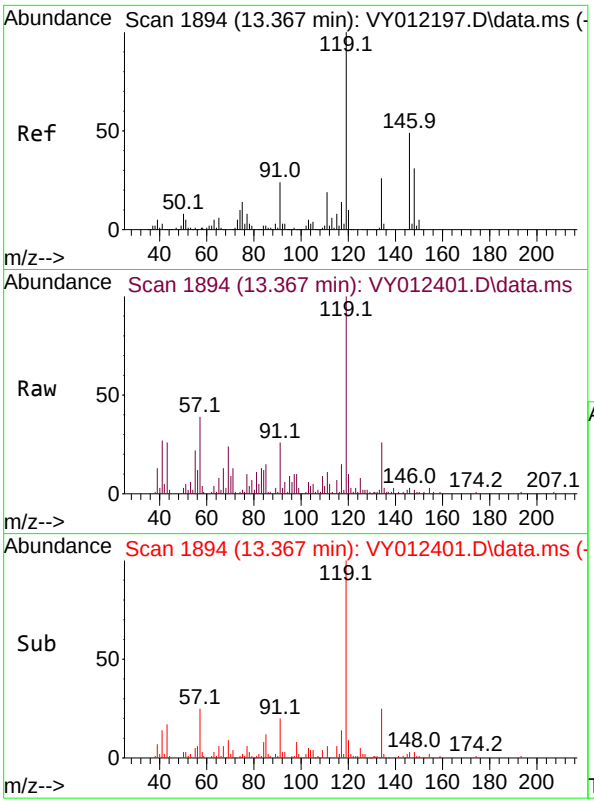


#84
1,2,4-Trimethylbenzene
Concen: 7.627 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Tgt Ion:105 Resp: 63182

Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.7



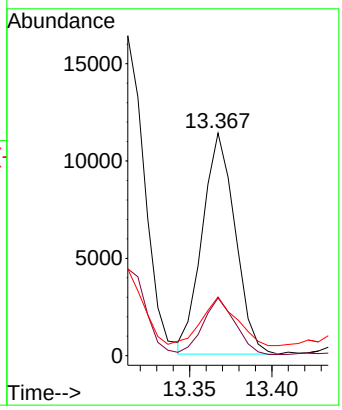


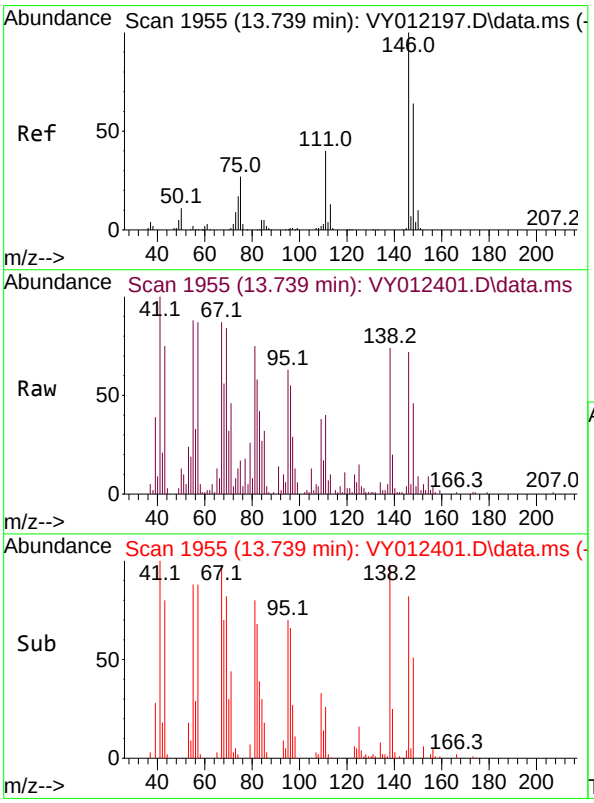
#86
p-Isopropyltoluene
Concen: 1.735 ug/l
RT: 13.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Instrument :
MSVOA_Y
ClientSampleId :
JPP-5-012723

Tgt Ion:119 Resp: 15805

Ion	Ratio	Lower	Upper
119	100		
134	25.0	13.0	39.0
91	23.0	11.9	35.9





#91
1,2-Dichlorobenzene
Concen: 2.867 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012401.D
Acq: 30 Jan 2023 16:35

Tgt Ion:146 Resp: 11828

Ion	Ratio	Lower	Upper
146	100		
111	77.2	20.3	60.8#
148	63.1	31.8	95.4