Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080522\
Data File : VY009859.D
Acq On : 05 Aug 2022 18:34
Operator : KP/MD
Sample : N4023-04
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Quant Time: Aug 06 01:20:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 02:27:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.782	168	1226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	2190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	1930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	689	70.901	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.800%			
35) Dibromofluoromethane	7.721	113	178	13.331	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 26.660%#			
50) Toluene-d8	10.184	98	1882	47.690	ug/l	0.01
Spiked Amount 50.000	Range 78 - 125		Recovery = 95.380%			
62) 4-Bromofluorobenzene	12.477	95	452	24.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery = 50.000%			
Target Compounds						Qvalue
10) Methyl Iodide	4.094	142	46	2.960	ug/l #	89
20) Methylene Chloride	4.698	84	258	9.730	ug/l #	50
36) 1,1-Dichloropropene	7.782	75	25	1.129	ug/l #	41
76) 1,2,3-Trichloropropane	12.477	75	241	32.765	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	241	70.320	ug/l #	12

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

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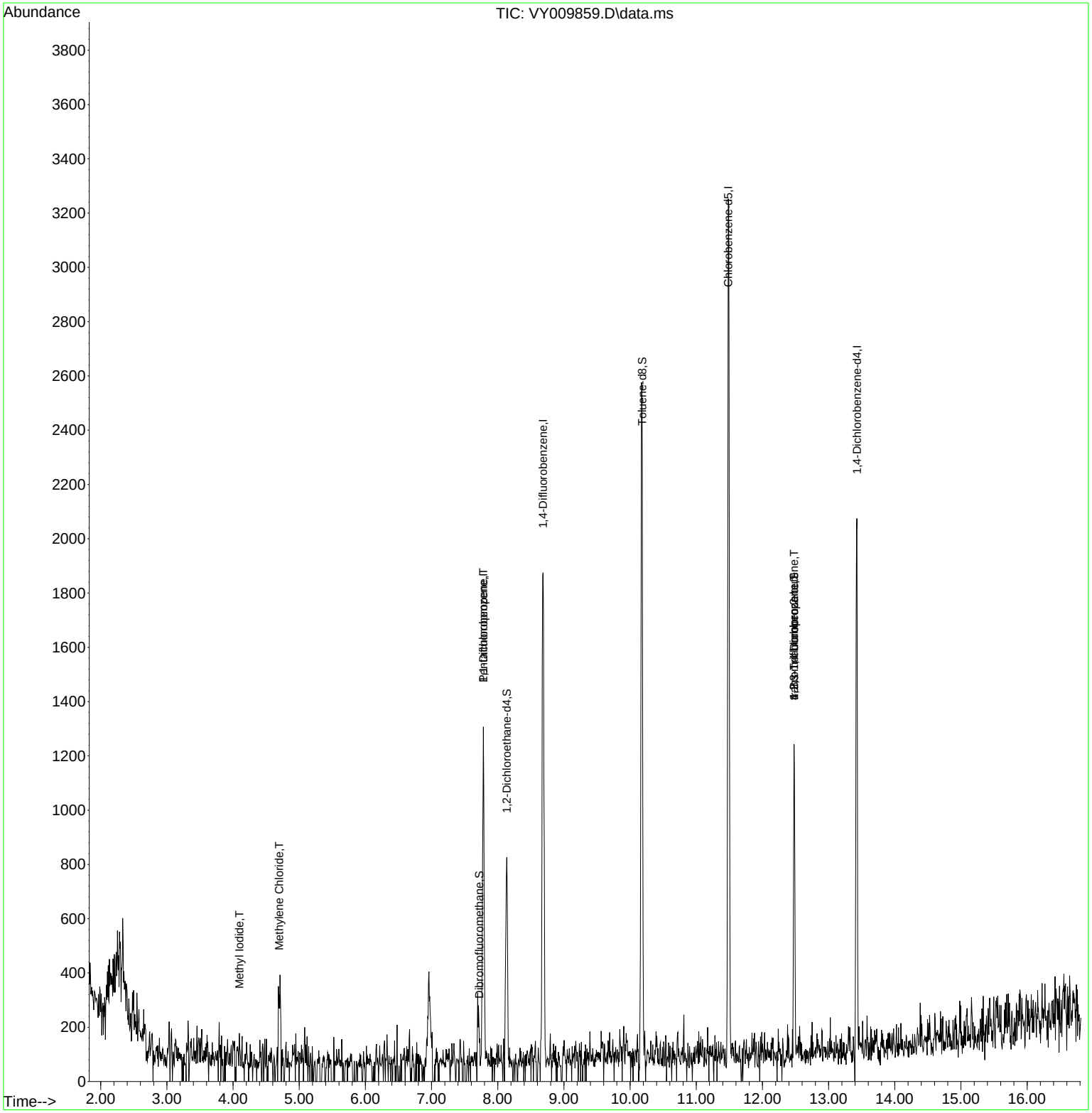
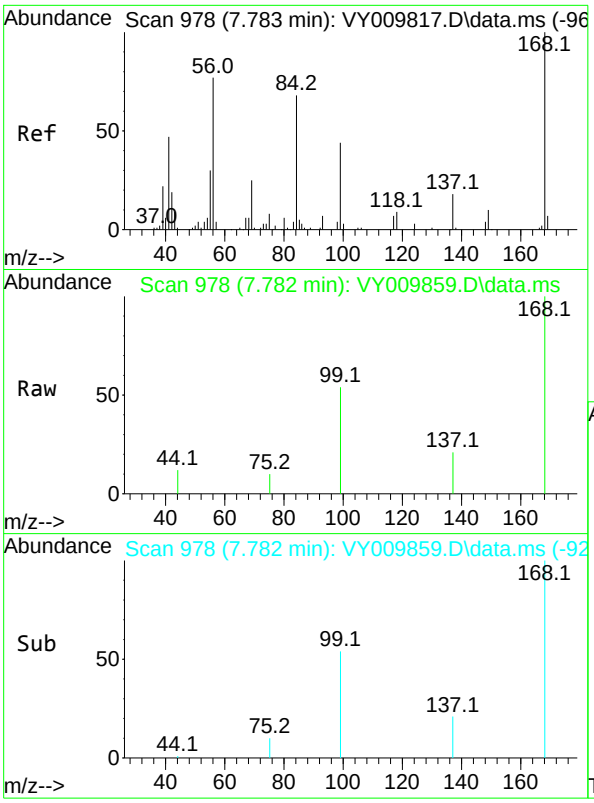


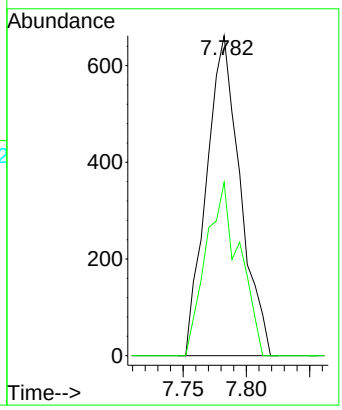


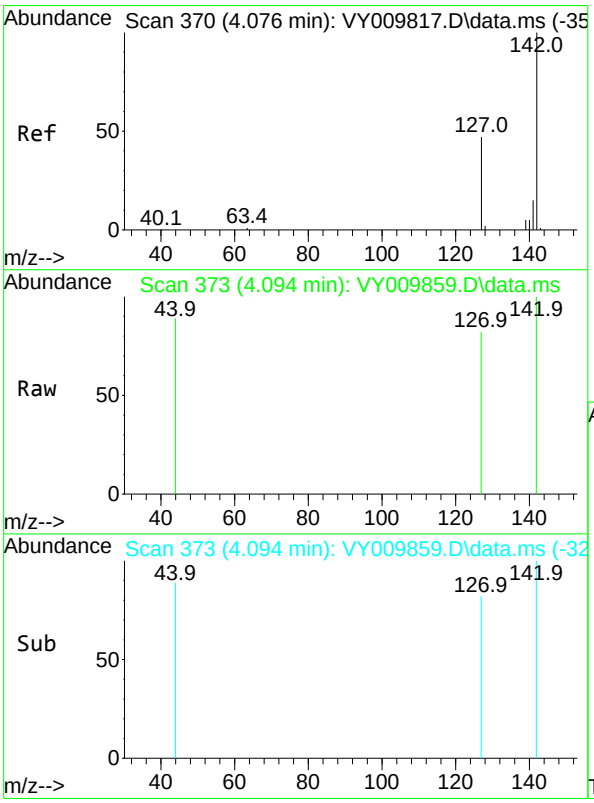
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 9
Delta R.T. -0.001 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion:168 Resp: 1226

Ion	Ratio	Lower	Upper
168	100		
99	54.1	44.7	67.1

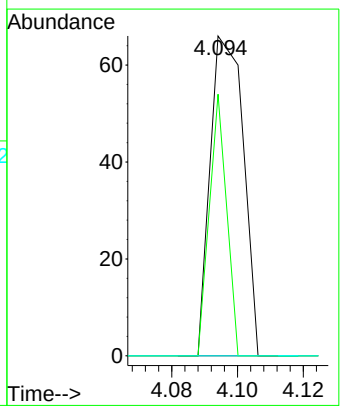


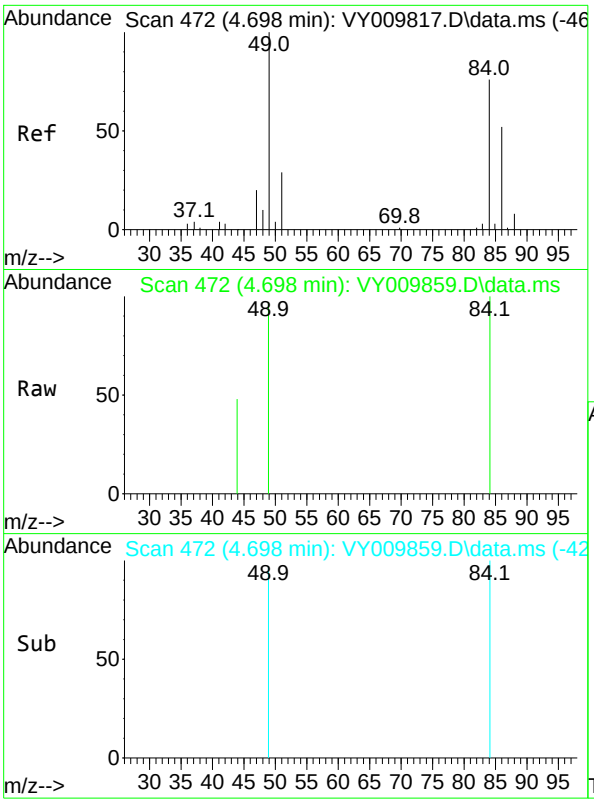


#10
Methyl Iodide
Concen: 2.960 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Tgt Ion:142 Resp: 46

Ion	Ratio	Lower	Upper
142	100		
127	43.5	36.0	54.0
141	0.0	12.0	18.0#



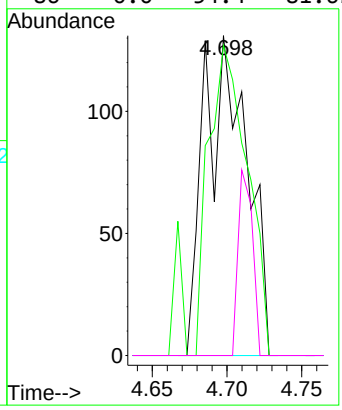


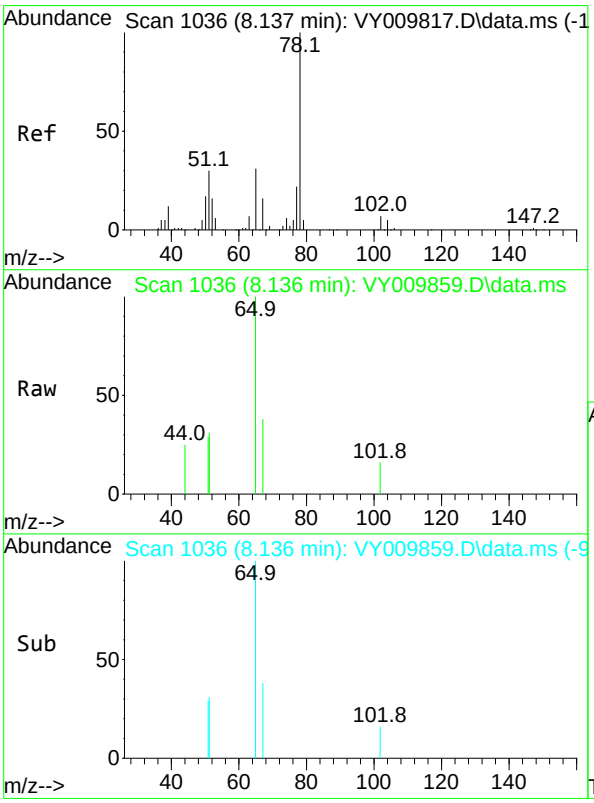
#20
Methylene Chloride
Concen: 9.730 ug/l
RT: 4.698 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion: 84 Resp: 258

Ion	Ratio	Lower	Upper
84	100		
49	96.9	104.6	156.8#
51	0.0	30.9	46.3#
86	0.0	54.4	81.6#

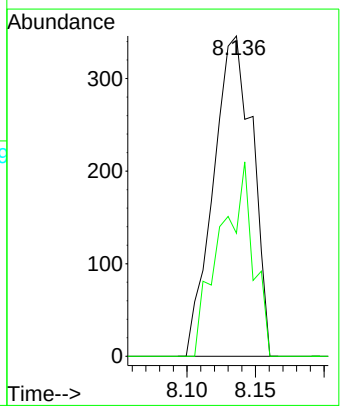


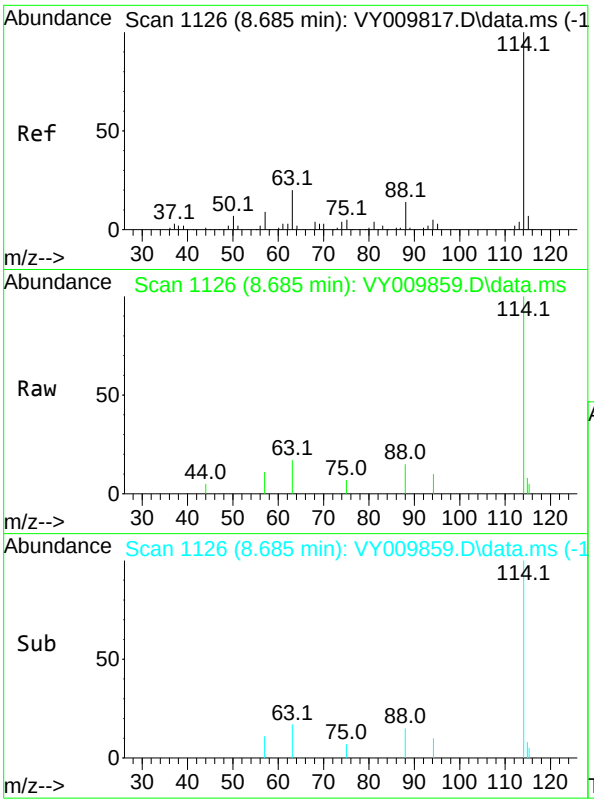


#33
1,2-Dichloroethane-d4
Concen: 70.901 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Tgt Ion: 65 Resp: 689

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	112.4



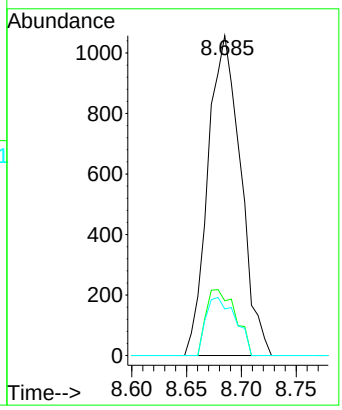


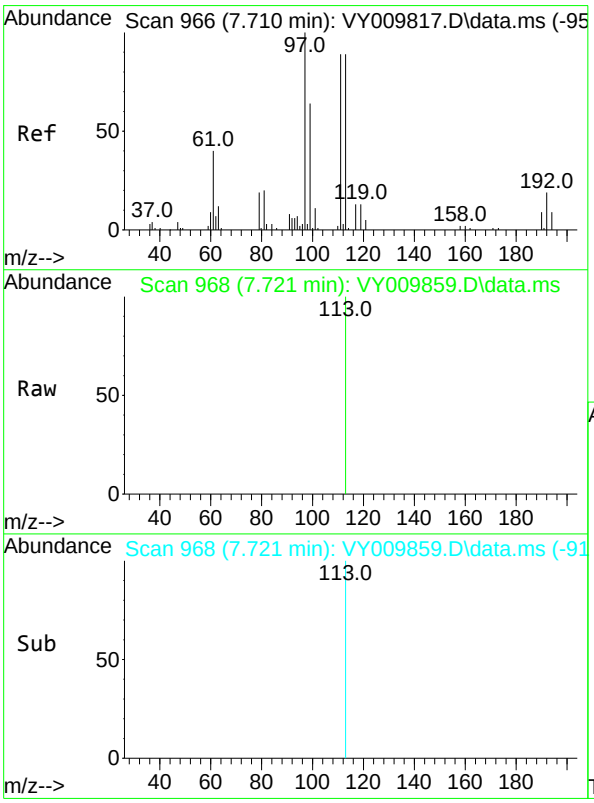
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion:114 Resp: 2190

Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	39.2
88	14.6	0.0	27.6

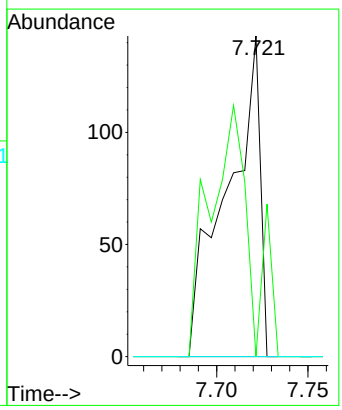


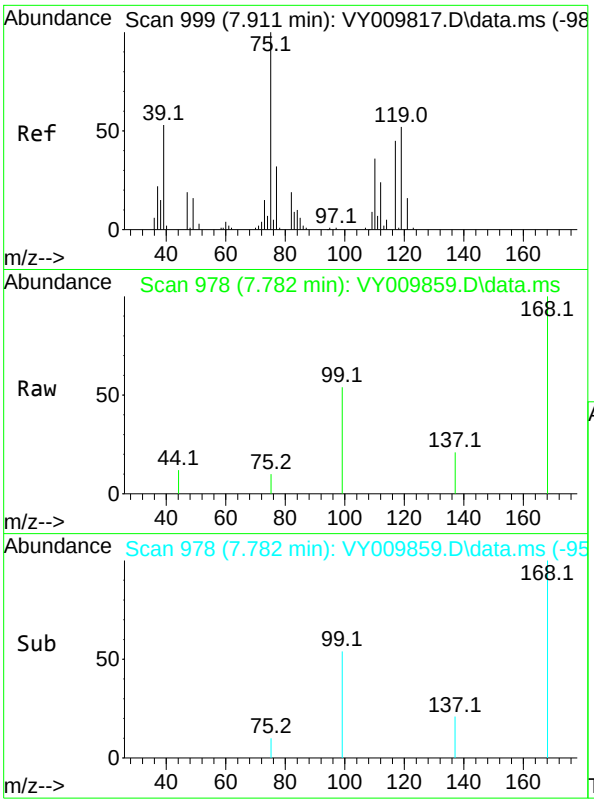


#35
Dibromofluoromethane
Concen: 13.331 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.012 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Tgt Ion:113 Resp: 178

Ion	Ratio	Lower	Upper
113	100		
111	97.8	82.4	123.6
192	0.0	16.5	24.7#



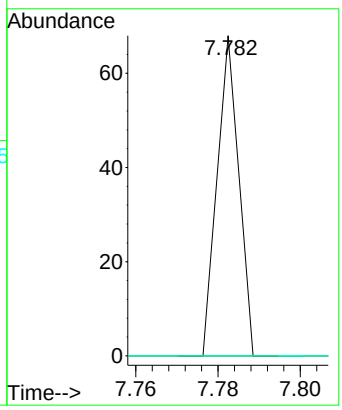


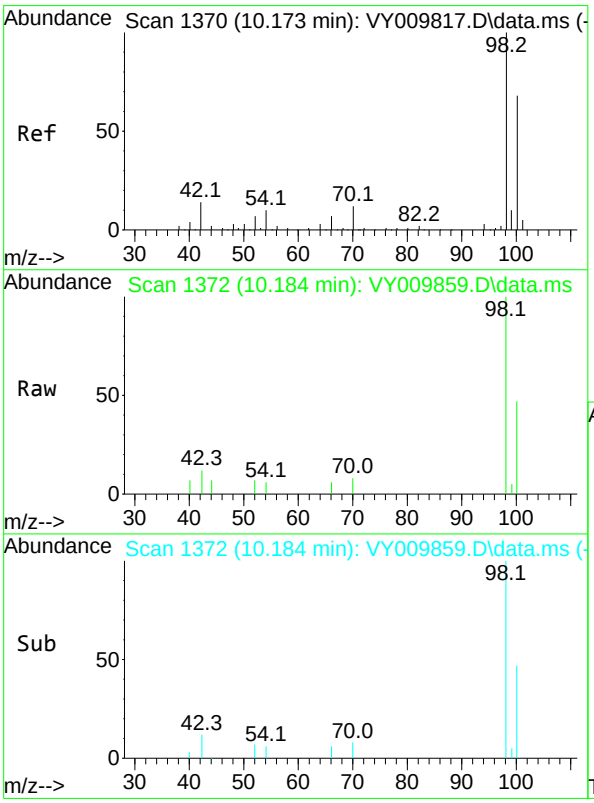
#36
1,1-Dichloropropene
Concen: 1.129 ug/l
RT: 7.782 min Scan# 9
Delta R.T. -0.129 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion: 75 Resp: 25

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.8	53.4#
77	0.0	24.6	36.8#

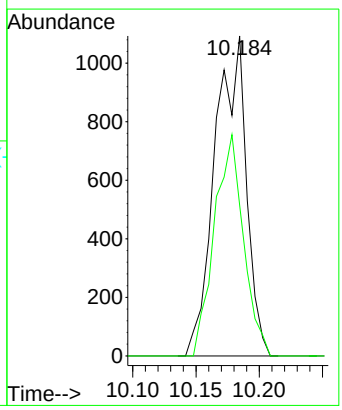


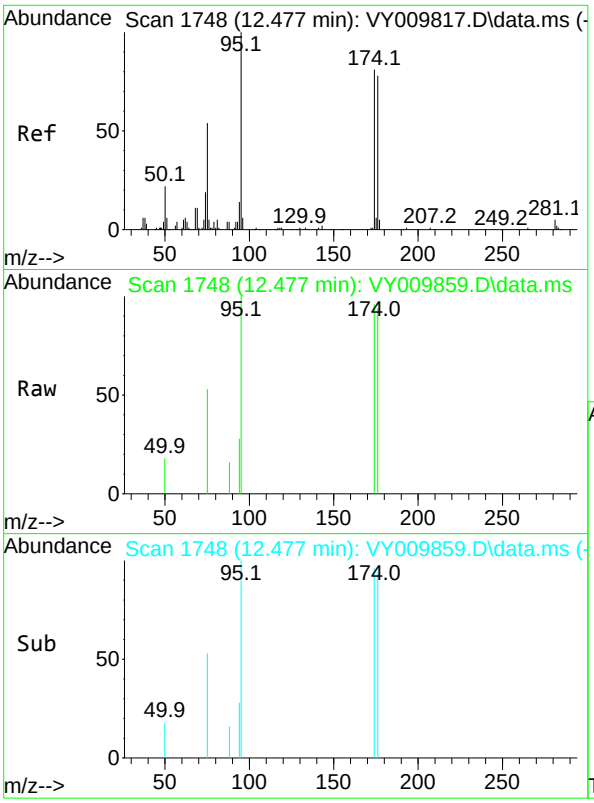


#50
Toluene-d8
Concen: 47.690 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. 0.011 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Tgt Ion: 98 Resp: 1882

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.4	80.2



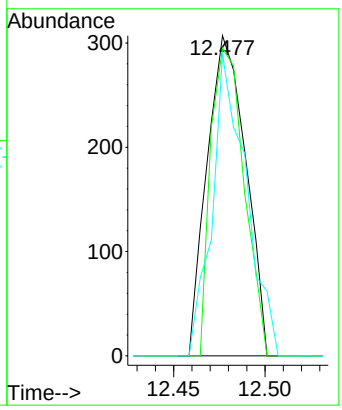


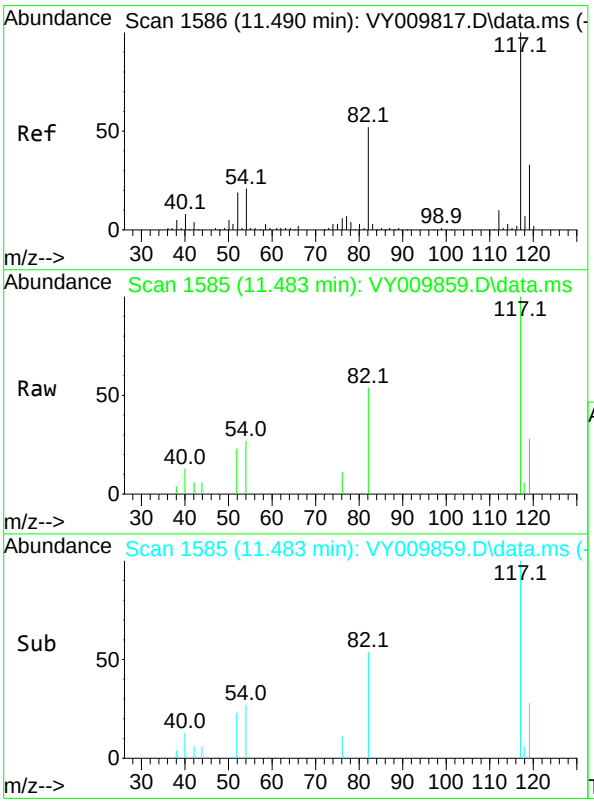
#62
4-Bromofluorobenzene
Concen: 24.998 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion: 95 Resp: 452

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	168.6
176	83.0	0.0	163.6

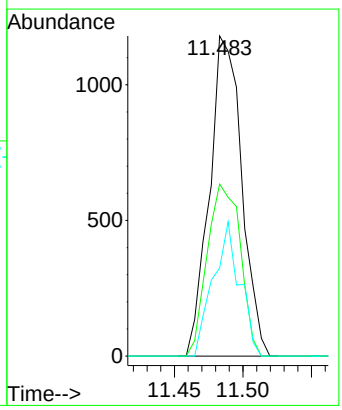


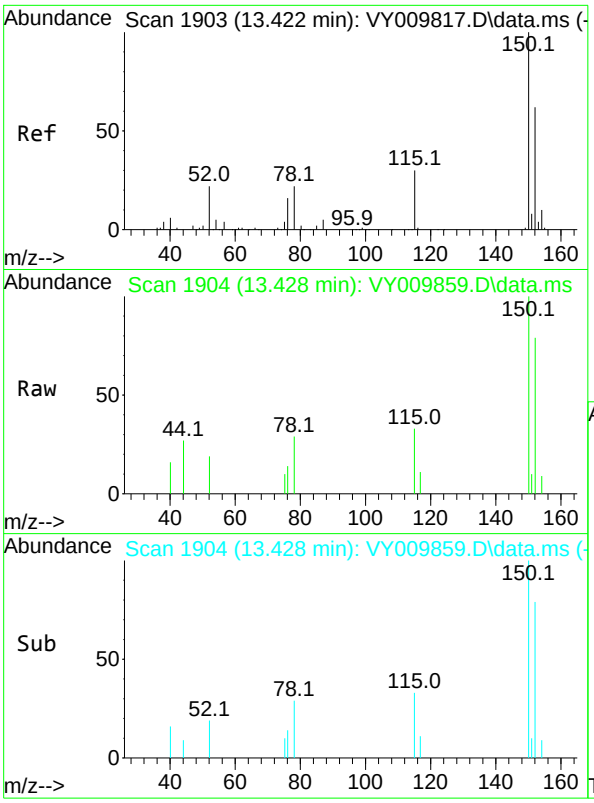


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.007 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Tgt Ion:117 Resp: 1930

Ion	Ratio	Lower	Upper
117	100		
82	53.7	41.7	62.5
119	27.5	26.6	40.0



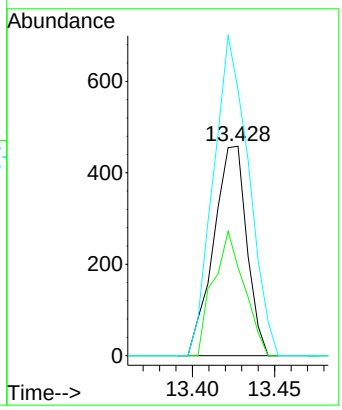


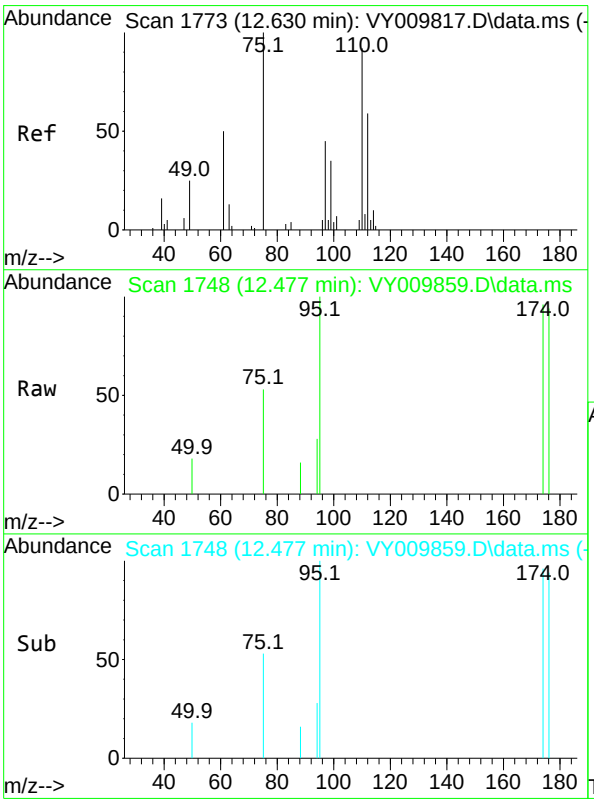
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion:152 Resp: 643

Ion	Ratio	Lower	Upper
152	100		
115	55.1	28.9	86.7
150	162.2	0.0	354.2

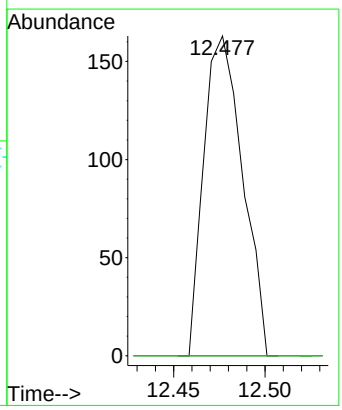


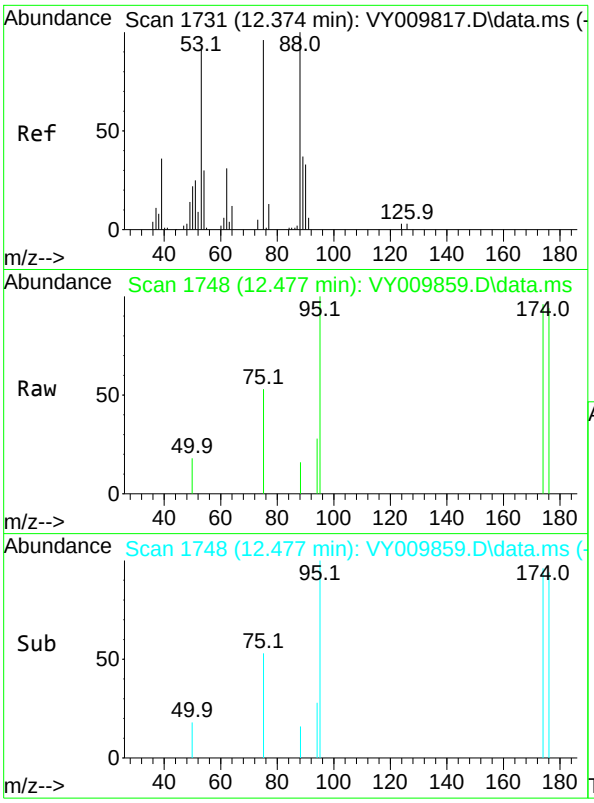


#76
1,2,3-Trichloropropane
Concen: 32.765 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Tgt Ion: 75 Resp: 241

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 70.320 ug/l
RT: 12.477 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY009859.D
Acq: 05 Aug 2022 18:34

Instrument :
MSVOA_Y
ClientSampleId :
TP2-1-6

Tgt Ion: 75 Resp: 241

Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.2	111.4#
89	0.0	35.3	52.9#