Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030723\
Data File : VY012846.D
Acq On : 07 Mar 2023 15:45
Operator : KP/MD
Sample : 01825-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Quant Time: Mar 07 23:44:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	971	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	951	98.644	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 197.280%#			
35) Dibromofluoromethane	7.716	113	629	60.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 121.620%			
50) Toluene-d8	10.179	98	1948	51.513	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.483	95	417	32.671	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 65.340%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	79	6.905	ug/l #	42
6) Chloroethane	2.784	64	125	19.893	ug/l #	43
38) Carbon Tetrachloride	7.795	117	41	2.290	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	223	53.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	223	109.925	ug/l #	13

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

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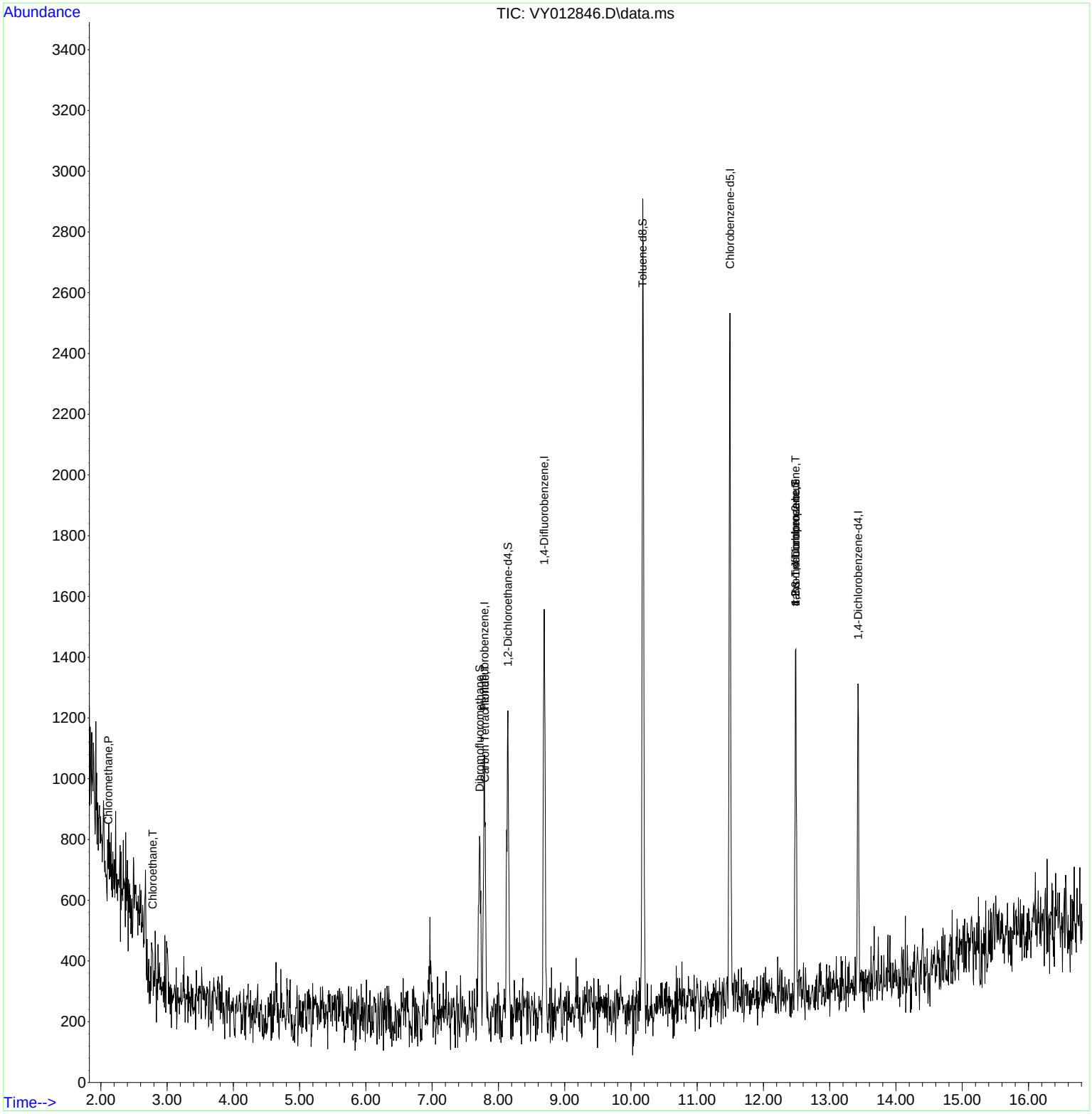
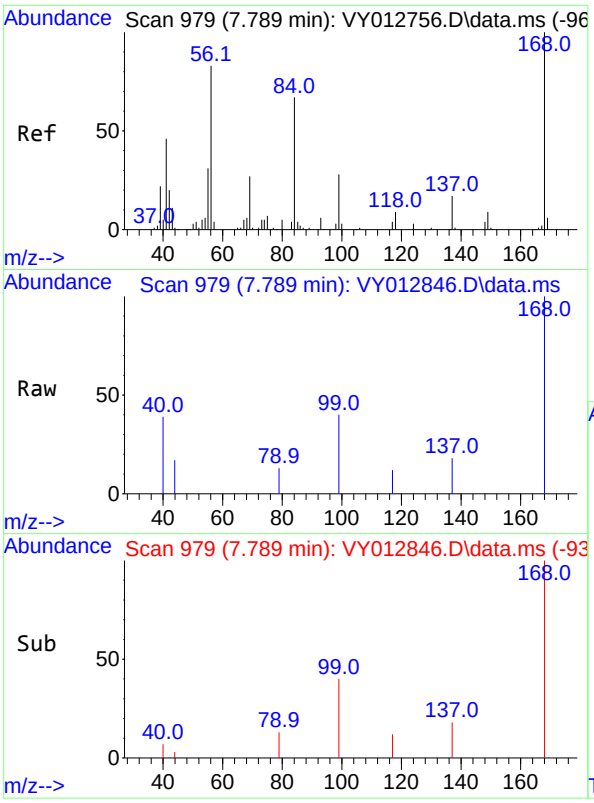


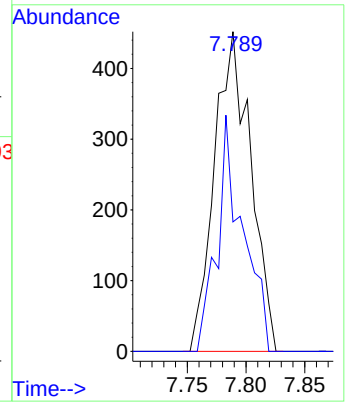


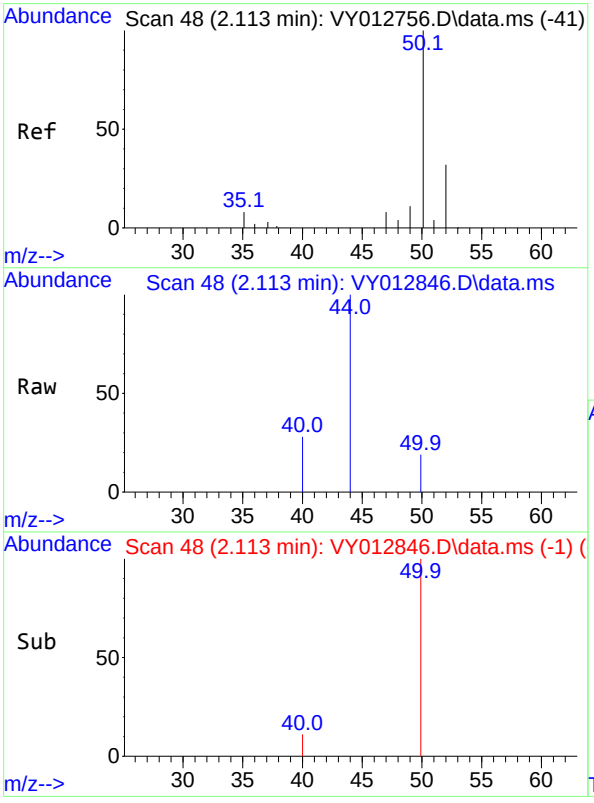
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion:168 Resp: 971

Ion	Ratio	Lower	Upper
168	100		
99	40.5	41.7	62.5#

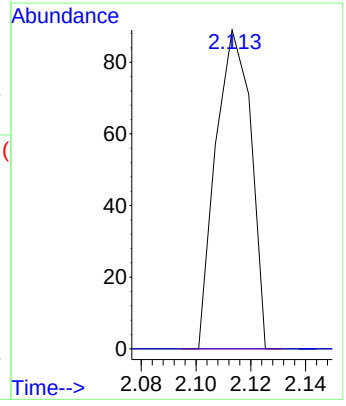


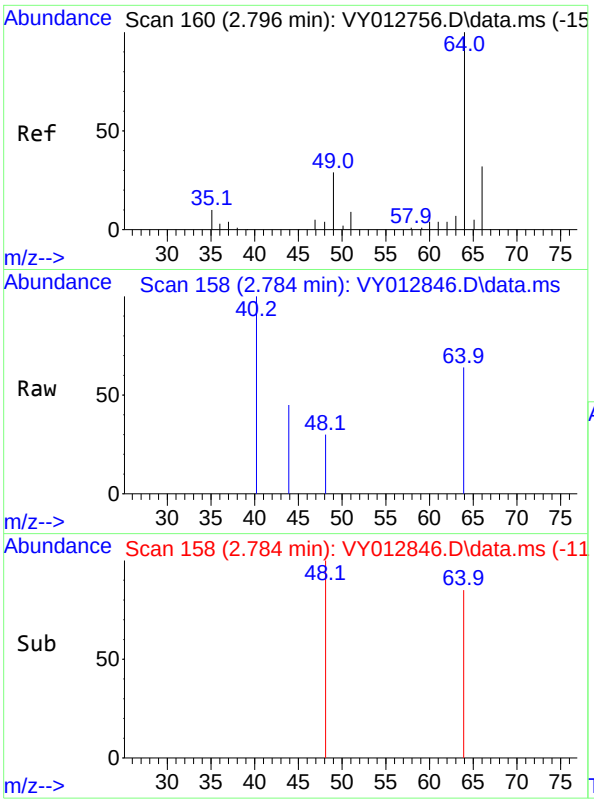


#3
Chloromethane
Concen: 6.905 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion: 50 Resp: 79

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.0	39.0#



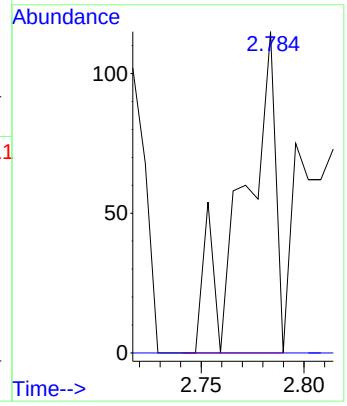


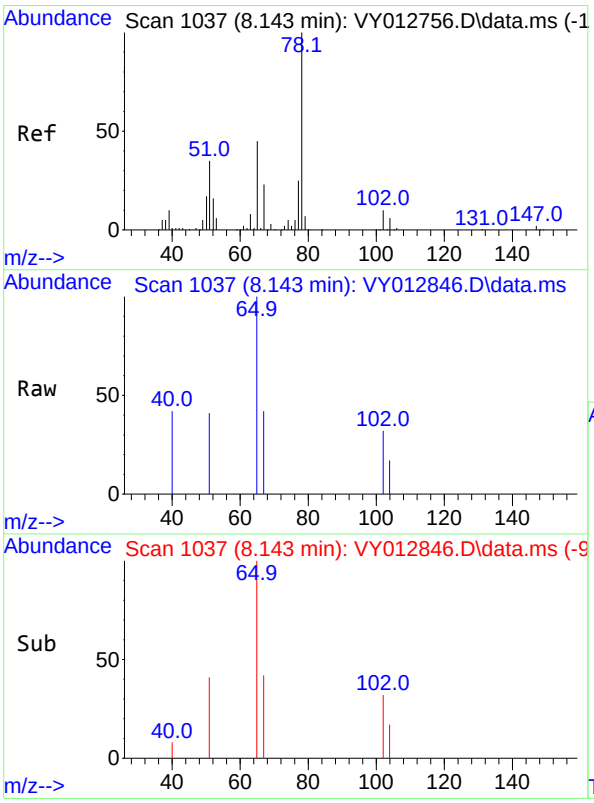
#6
Chloroethane
Concen: 19.893 ug/l
RT: 2.784 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion: 64 Resp: 125

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.7	38.5#

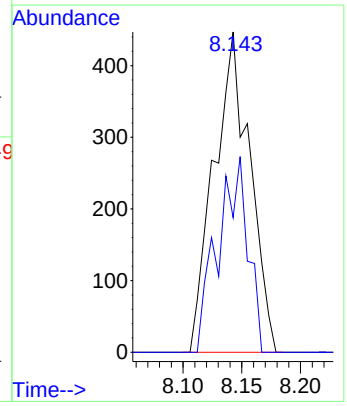


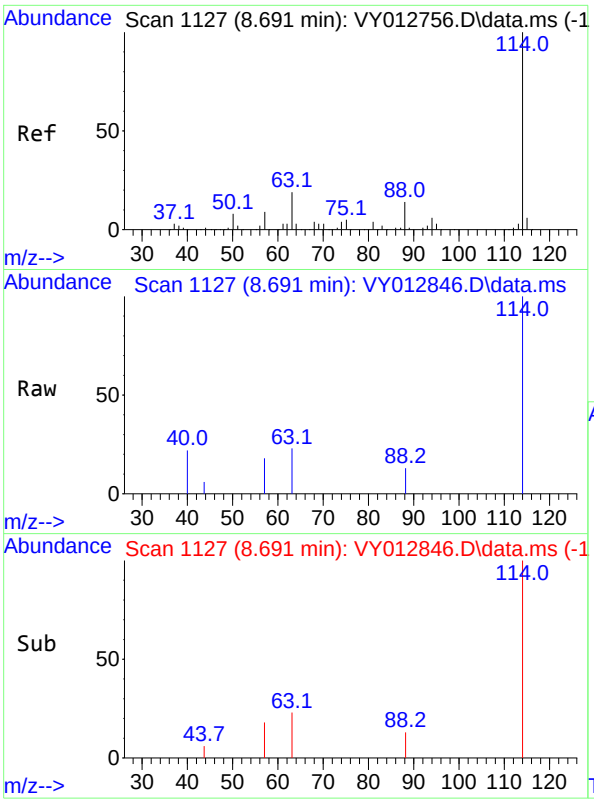


#33
1,2-Dichloroethane-d4
Concen: 98.644 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion: 65 Resp: 951

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.0



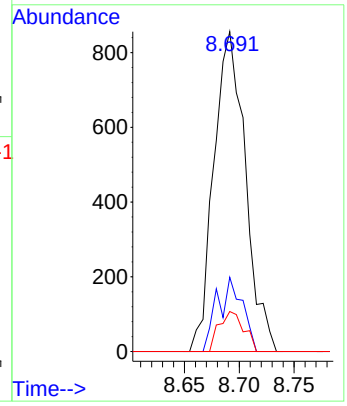


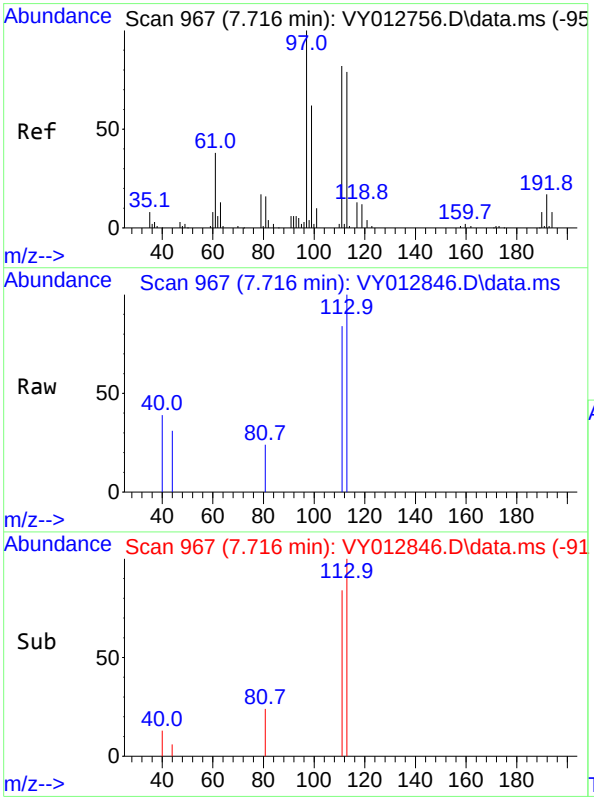
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion:114 Resp: 1714

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	37.4
88	12.5	0.0	28.6

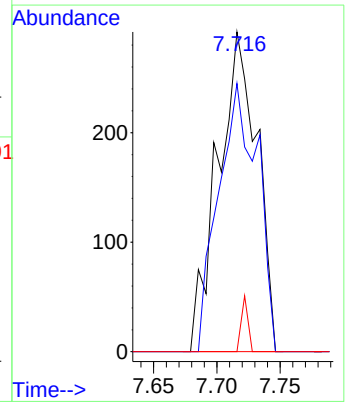


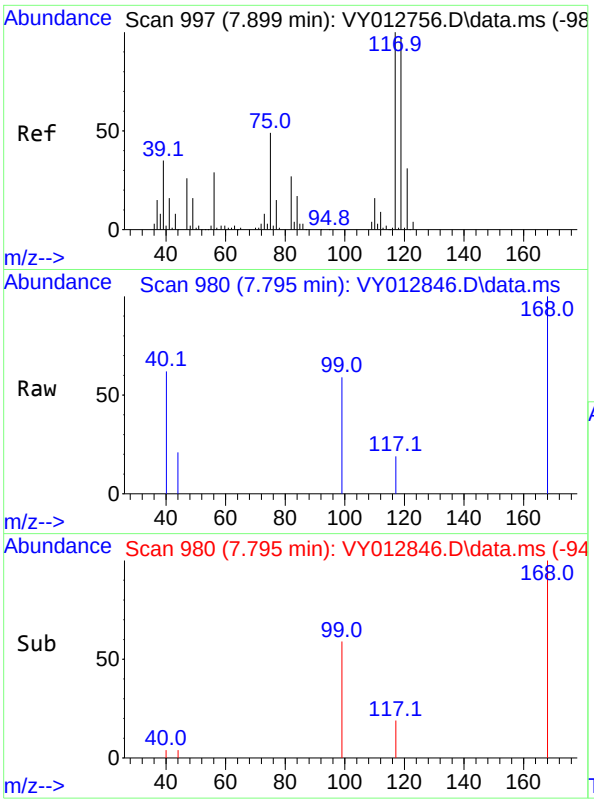


#35
Dibromofluoromethane
Concen: 60.808 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion:113 Resp: 629

Ion	Ratio	Lower	Upper
113	100		
111	83.8	82.2	123.2
192	3.0	16.8	25.2#



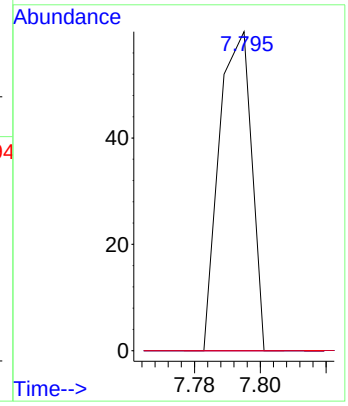


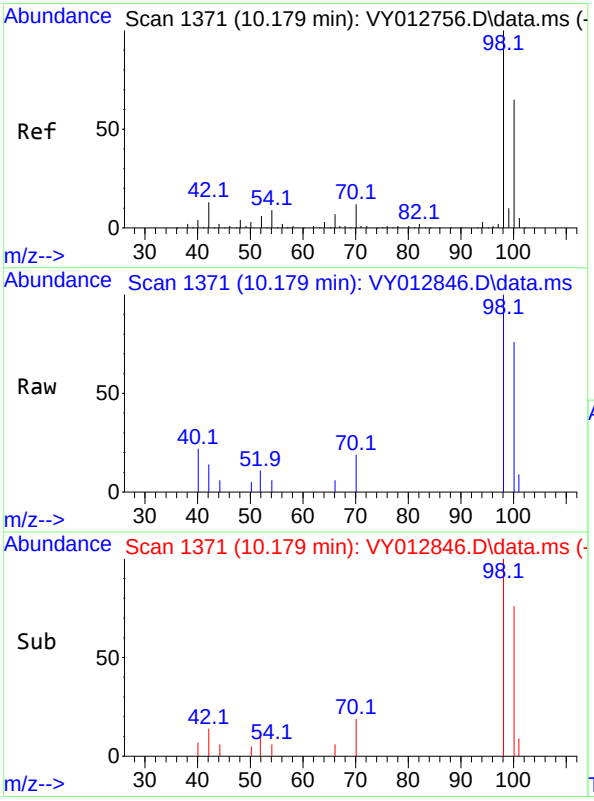
#38
Carbon Tetrachloride
Concen: 2.290 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.104 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion:117 Resp: 41

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.2	115.8#
121	0.0	24.7	37.1#

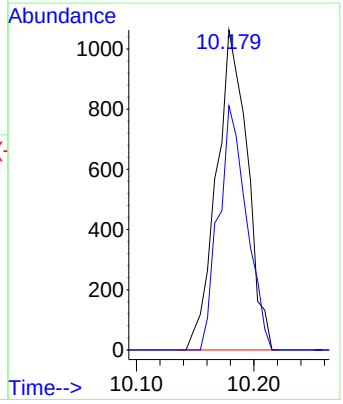


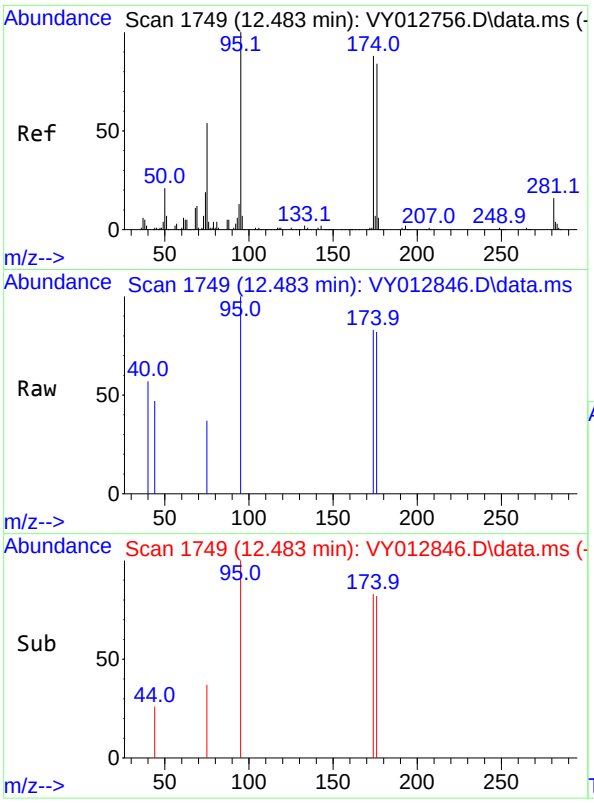


#50
Toluene-d8
Concen: 51.513 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion: 98 Resp: 1948

Ion	Ratio	Lower	Upper
98	100		
100	68.8	50.9	76.3



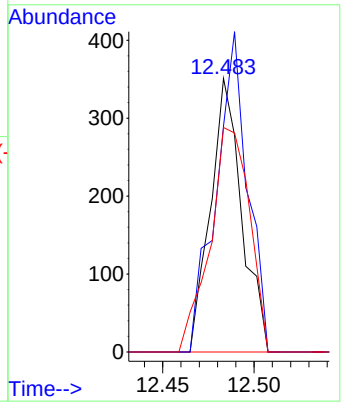


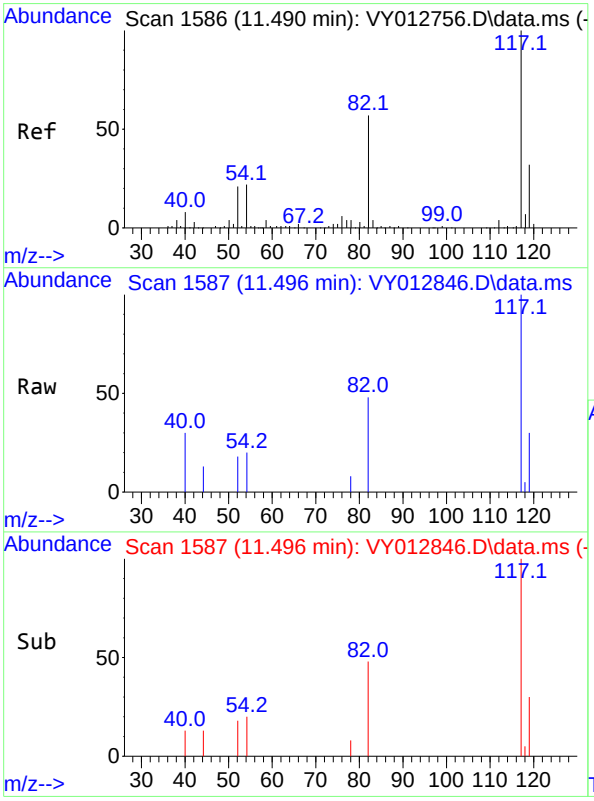
#62
4-Bromofluorobenzene
Concen: 32.671 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion: 95 Resp: 417

Ion	Ratio	Lower	Upper
95	100		
174	118.2	0.0	176.6
176	103.6	0.0	170.2

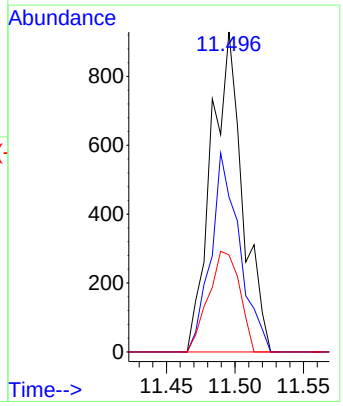


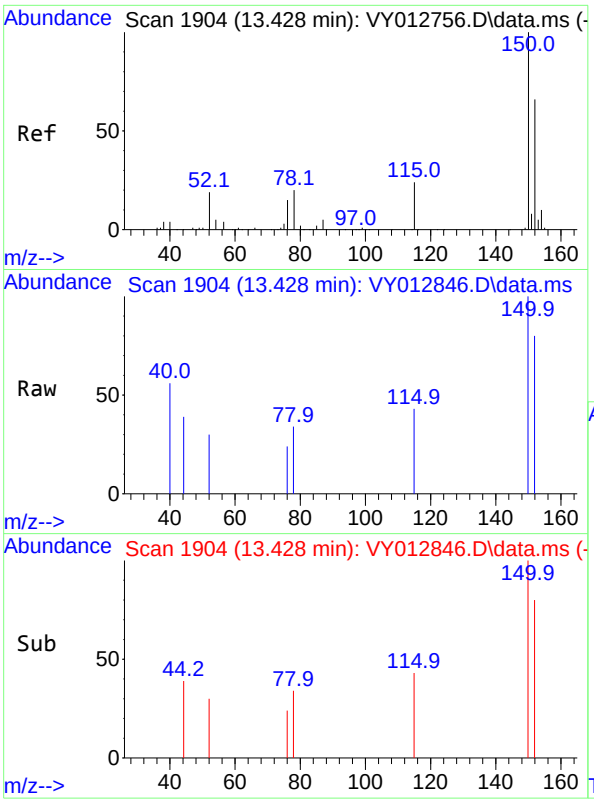


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion:117 Resp: 1480

Ion	Ratio	Lower	Upper
117	100		
82	48.4	45.4	68.0
119	30.4	25.6	38.4



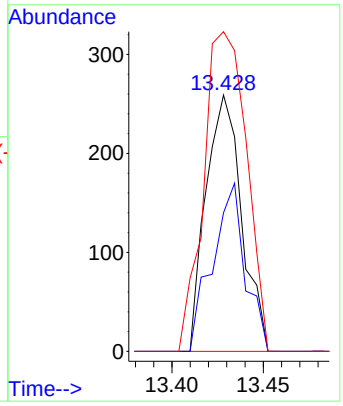


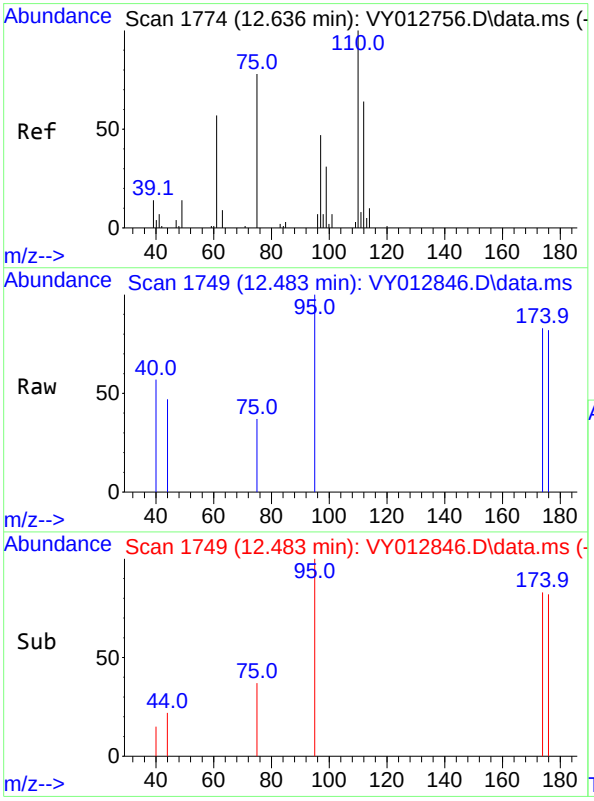
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion:152 Resp: 352

Ion	Ratio	Lower	Upper
152	100		
115	60.2	27.1	81.3
150	150.0	0.0	347.8

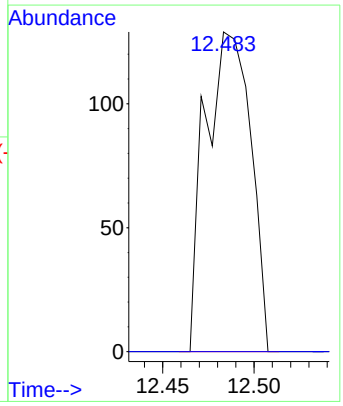


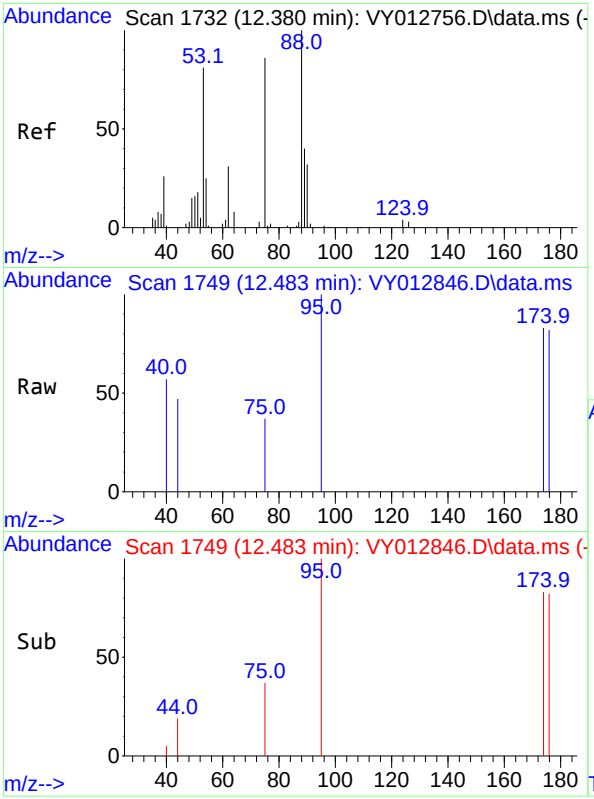


#76
1,2,3-Trichloropropane
Concen: 53.052 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Tgt Ion: 75 Resp: 223

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 109.925 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY012846.D
Acq: 07 Mar 2023 15:45

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

Tgt Ion: 75 Resp: 223

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#