Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018124.D
Acq On : 02 May 2024 18:05
Operator : SY/MD
Sample : P2330-11
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 02 23:07:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

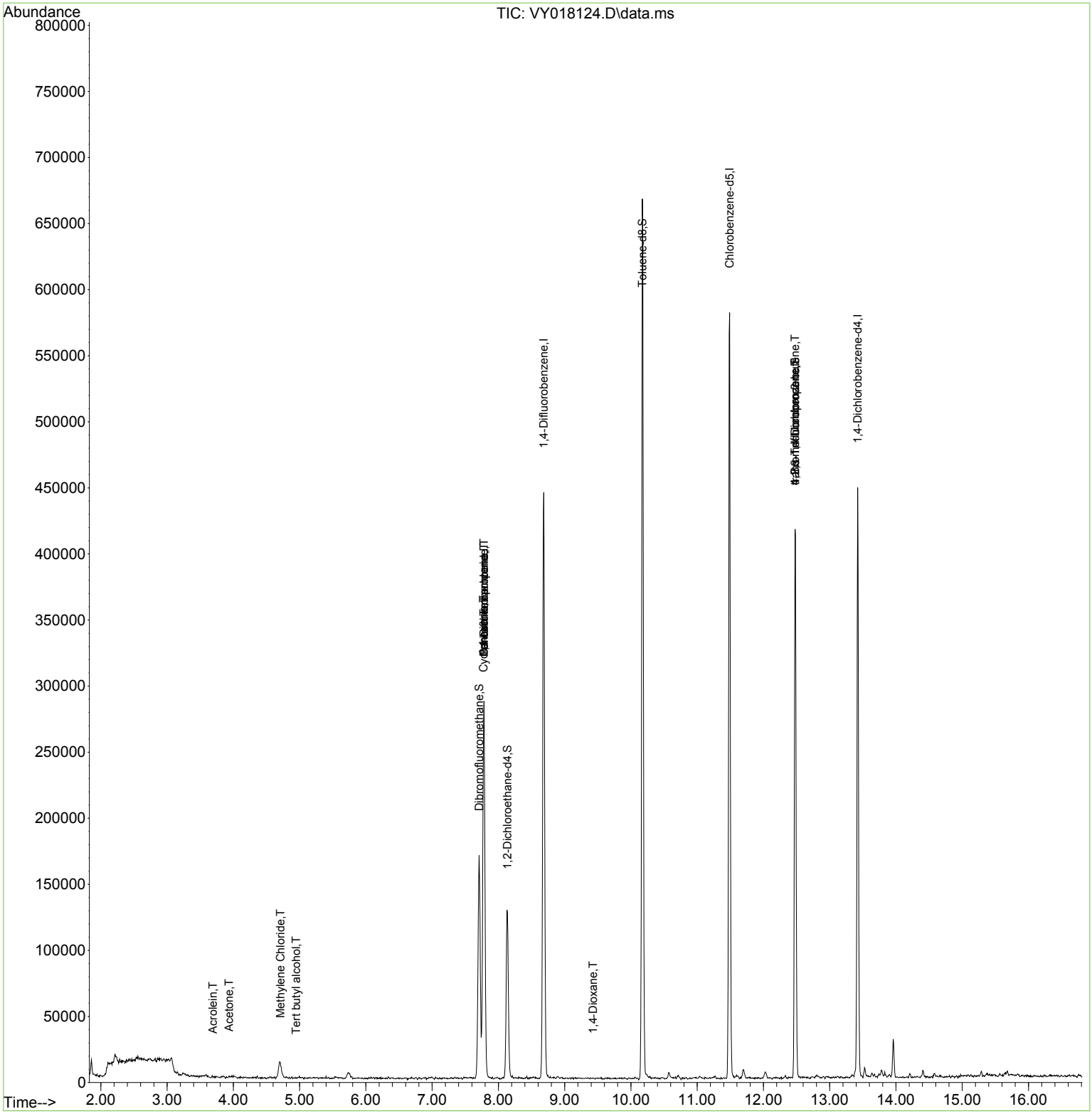
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	236193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	413964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	94201	50.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.200%			
35) Dibromofluoromethane	7.710	113	116679	49.047	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.100%			
50) Toluene-d8	10.173	98	450853	48.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.100%			
62) 4-Bromofluorobenzene	12.477	95	130128	40.715	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	187	1.232	ug/l #	1
13) Acrolein	3.692	56	416	1.842	ug/l #	31
16) Acetone	3.936	43	507	1.429	ug/l #	72
20) Methylene Chloride	4.710	84	9880	3.975	ug/l	93
31) Cyclohexane	7.777	56	4646	1.302	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	16208	5.104	ug/l #	49
38) Carbon Tetrachloride	7.783	117	21672	6.013	ug/l #	16
49) 1,4-Dioxane	9.429	88	40	2.664	ug/l #	82
76) 1,2,3-Trichloropropane	12.477	75	63061	63.083	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	63061	114.923	ug/l #	16

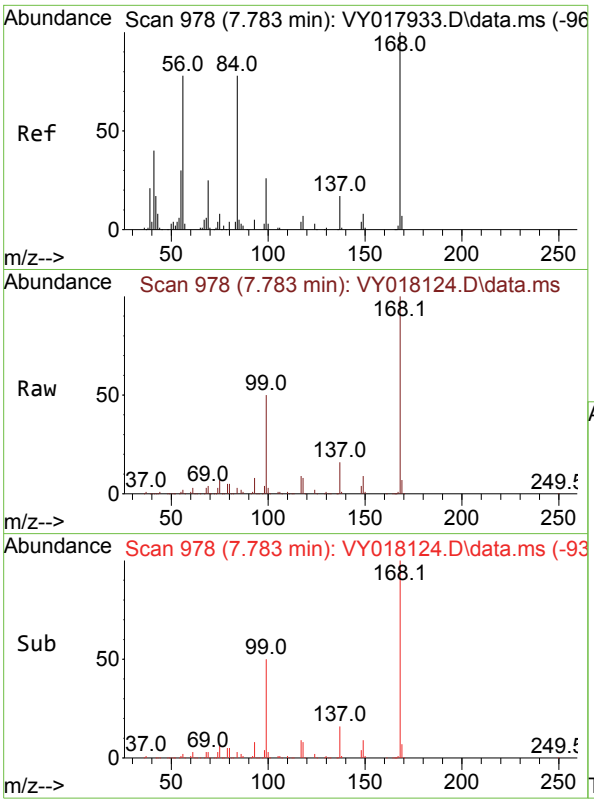
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
Data File : VY018124.D
Acq On : 02 May 2024 18:05
Operator : SY/MD
Sample : P2330-11
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 02 23:07:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration



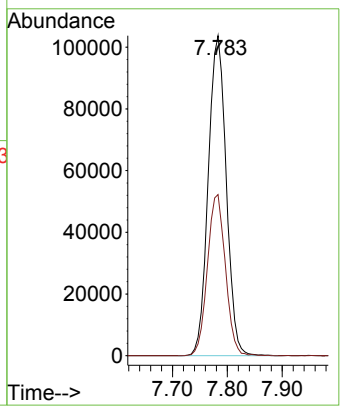


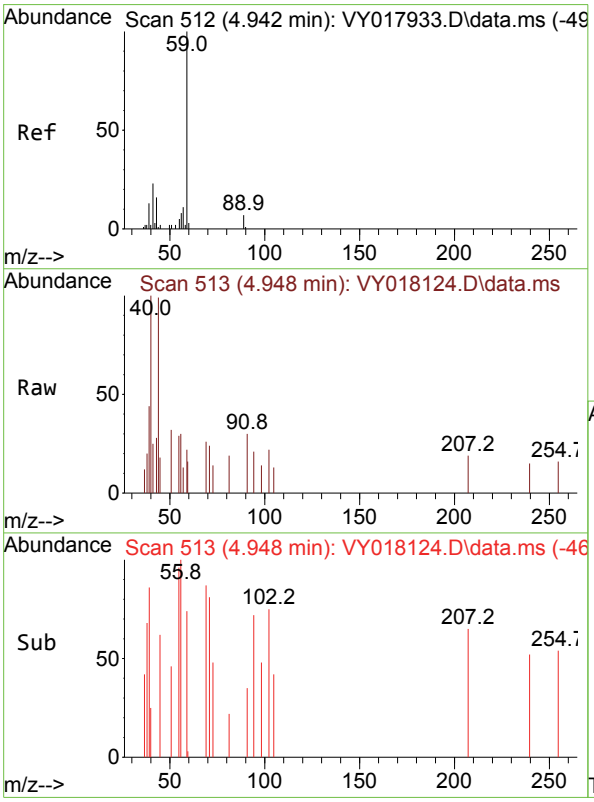
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 236193

Ion	Ratio	Lower	Upper
168	100		
99	50.3	39.1	58.7

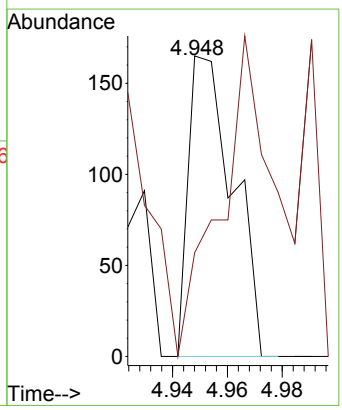


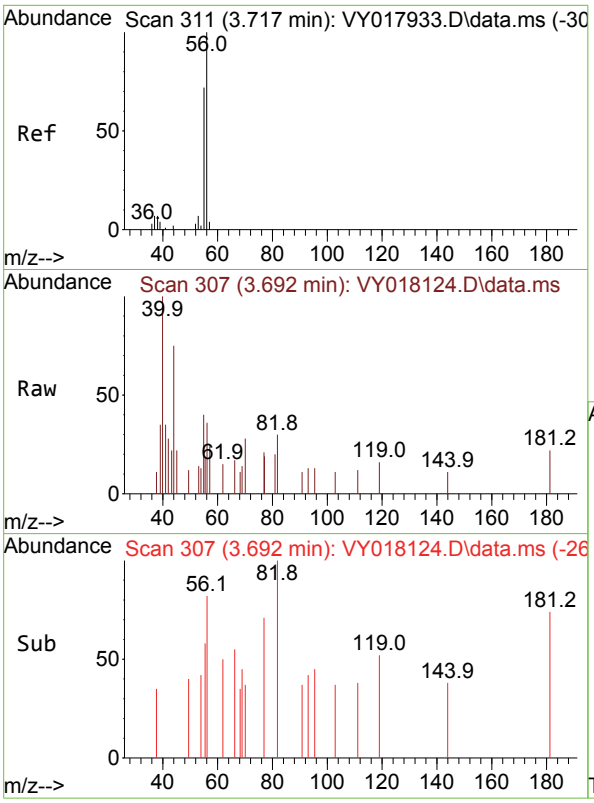


#11
Tert butyl alcohol
Concen: 1.232 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 59 Resp: 187

Ion	Ratio	Lower	Upper
59	100		
57	126.2	3.0	4.6#



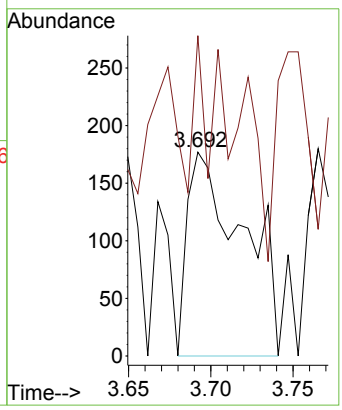


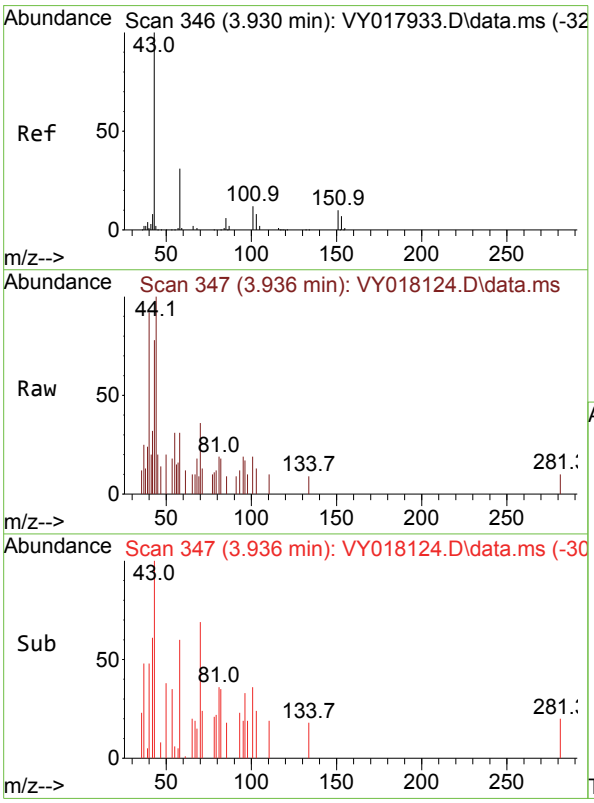
#13
Acrolein
Concen: 1.842 ug/l
RT: 3.692 min Scan# 3
Delta R.T. -0.037 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 416

Ion	Ratio	Lower	Upper
56	100		
55	13.0	55.7	83.5#

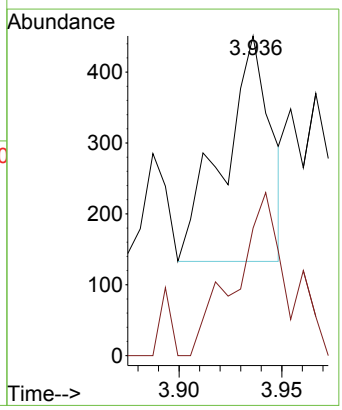


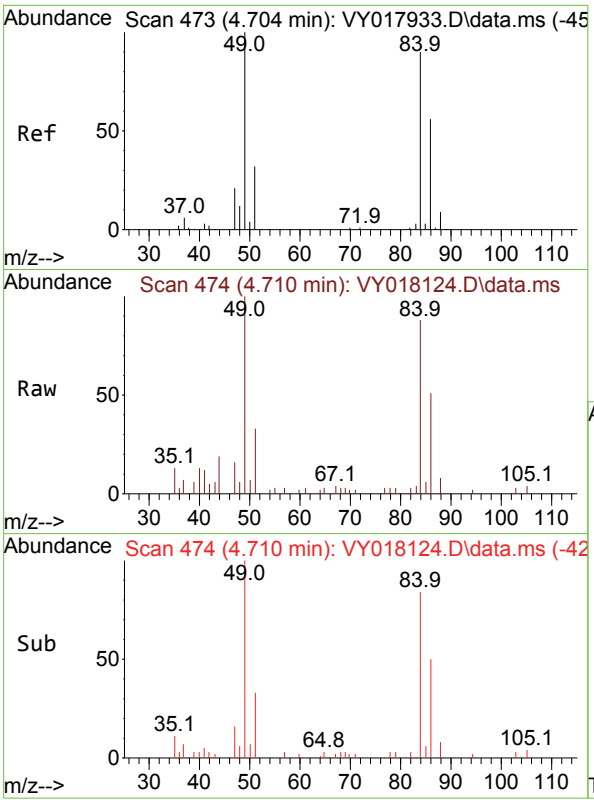


#16
Acetone
Concen: 1.429 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 43 Resp: 507

Ion	Ratio	Lower	Upper
43	100		
58	56.6	31.7	47.5#



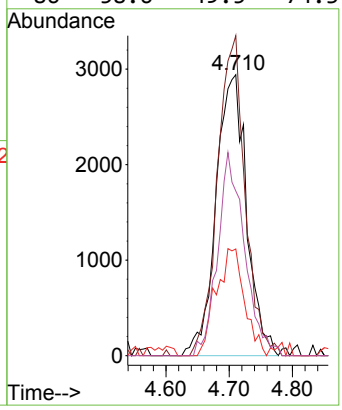


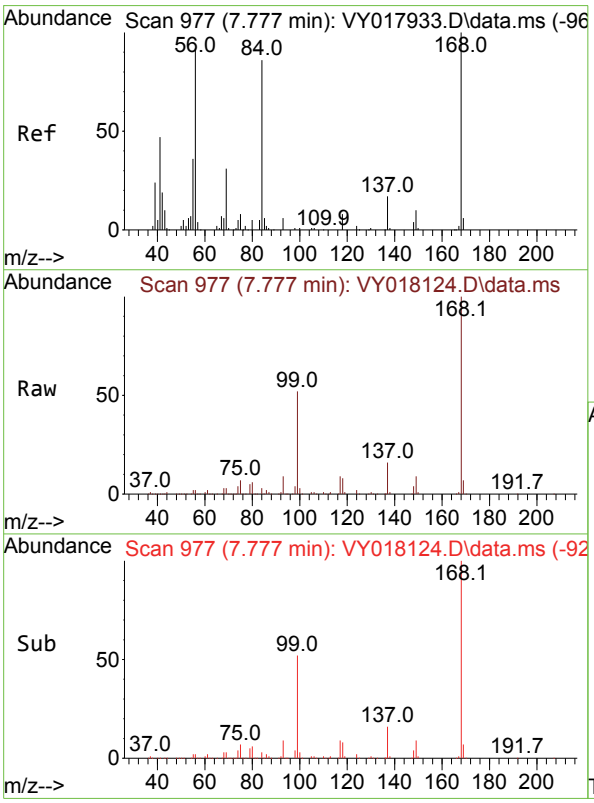
#20
Methylene Chloride
Concen: 3.975 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 9880

Ion	Ratio	Lower	Upper
84	100		
49	113.9	84.4	126.6
51	38.0	26.0	39.0
86	58.6	49.5	74.3

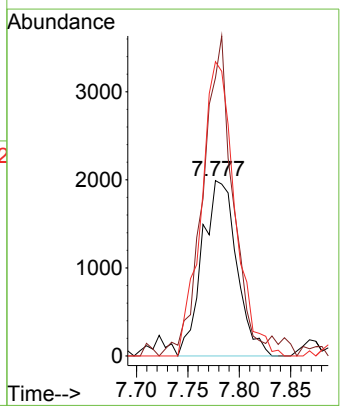


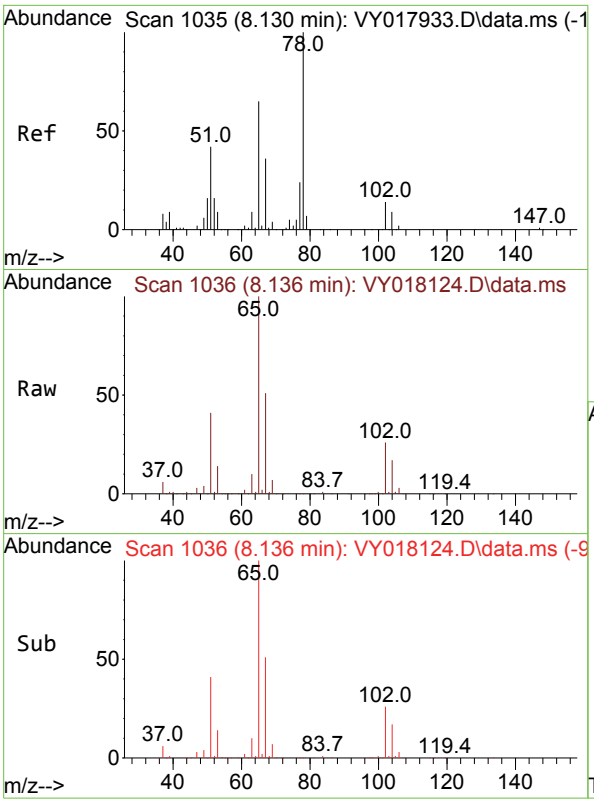


#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 56 Resp: 4646

Ion	Ratio	Lower	Upper
56	100		
69	152.5	28.7	43.1#
84	167.8	77.7	116.5#



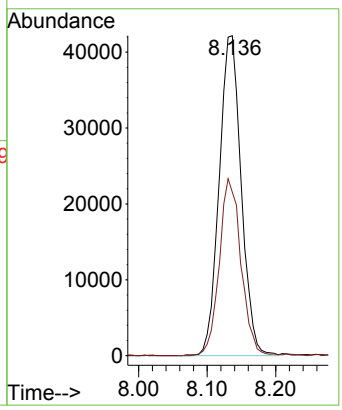


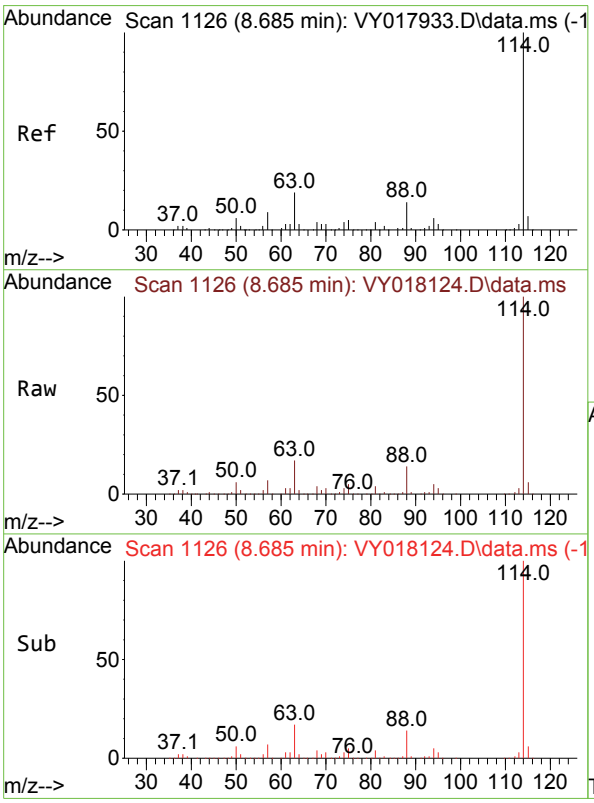
#33
1,2-Dichloroethane-d4
Concen: 50.598 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 94201

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	109.6

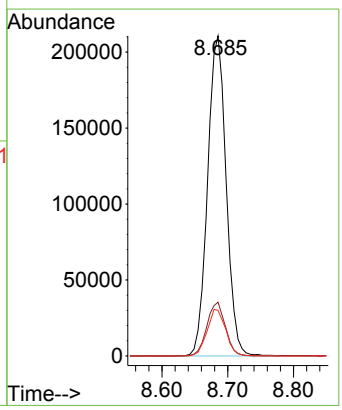


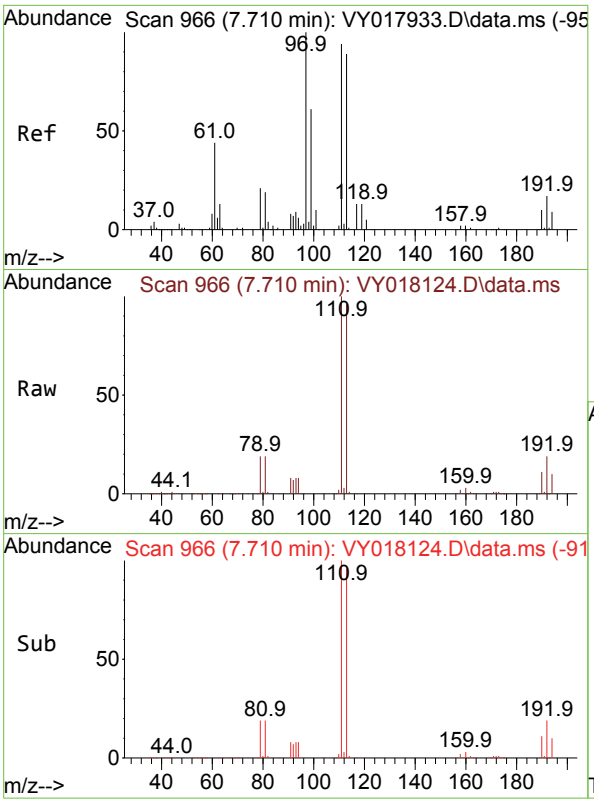


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion:114 Resp: 413964

Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	35.0
88	14.3	0.0	27.2



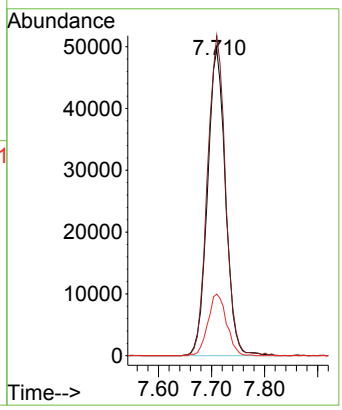


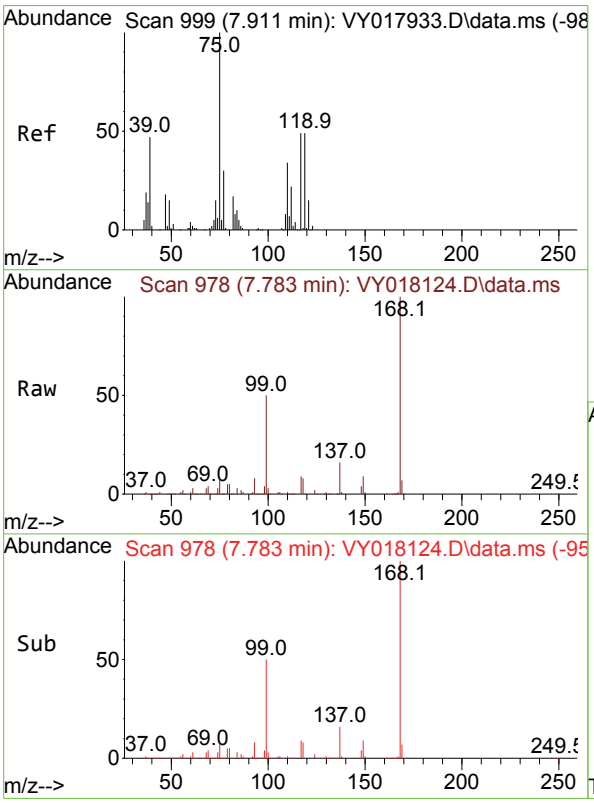
#35
Dibromofluoromethane
Concen: 49.047 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 116679

Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.2	123.4
192	20.9	15.9	23.9

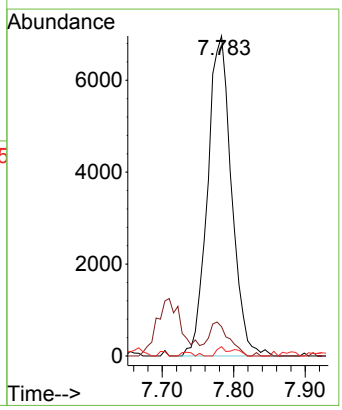


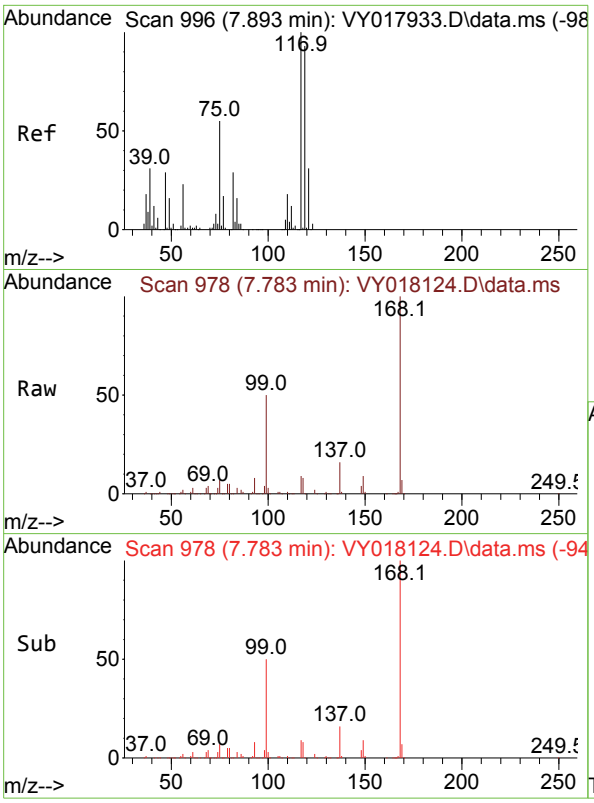


#36
1,1-Dichloropropene
Concen: 5.104 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 75 Resp: 16208

Ion	Ratio	Lower	Upper
75	100		
110	9.1	19.0	57.0#
77	1.2	25.3	37.9#



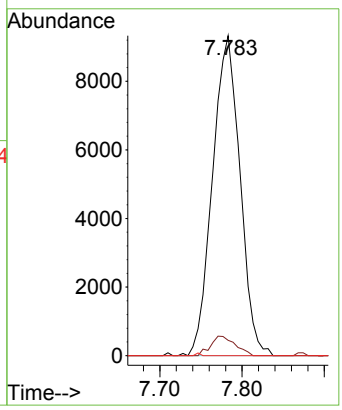


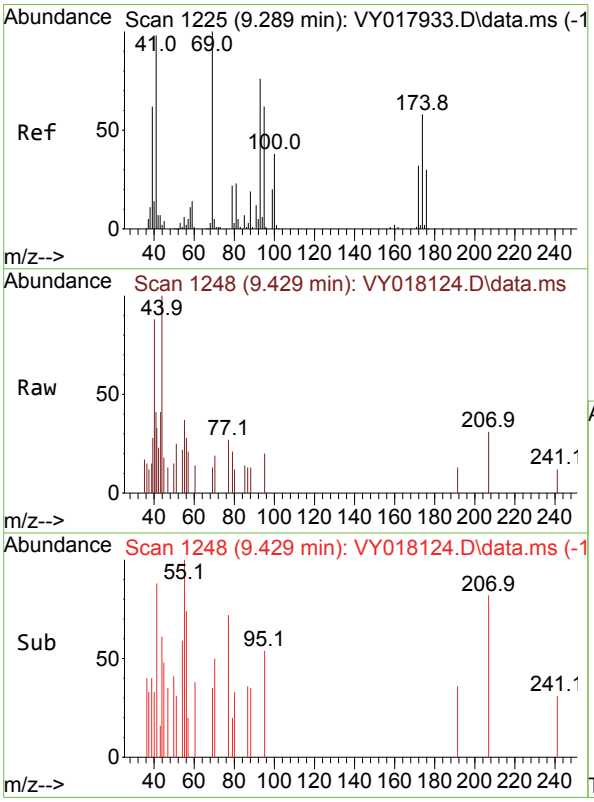
#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 21672

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.6#
121	0.0	24.0	36.0#

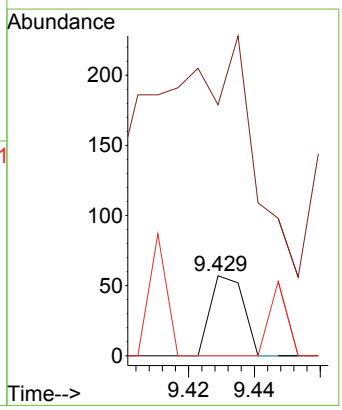


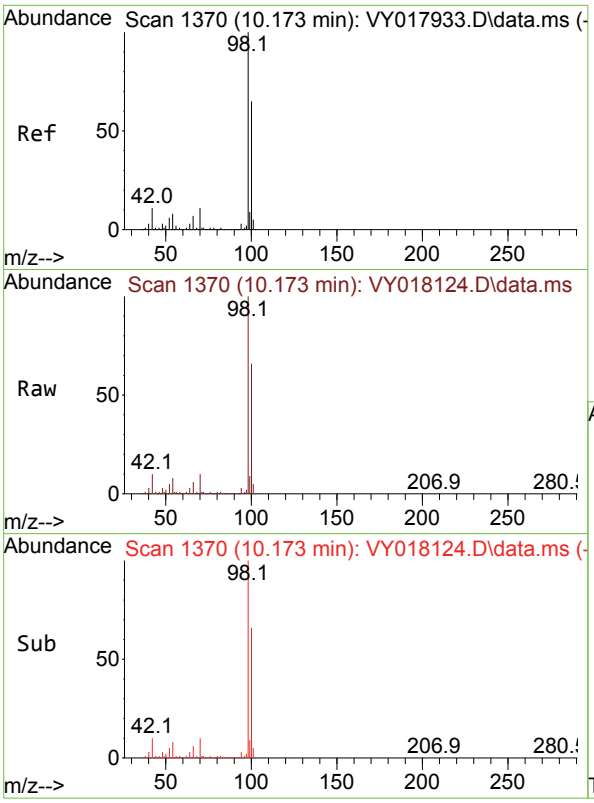


#49
1,4-Dioxane
Concen: 2.664 ug/l
RT: 9.429 min Scan# 1248
Delta R.T. 0.128 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	855.0	0.0	0.0#
58	47.5	49.3	73.9#



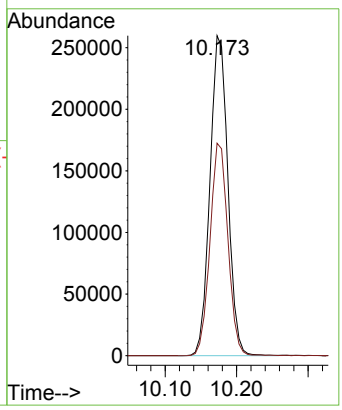


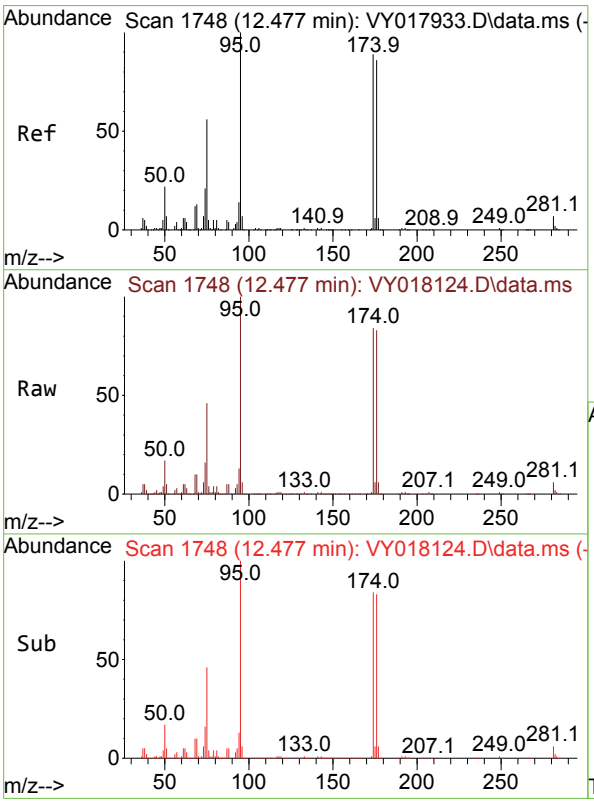
#50
Toluene-d8
Concen: 48.546 ug/l
RT: 10.173 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 450853

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.0	78.0

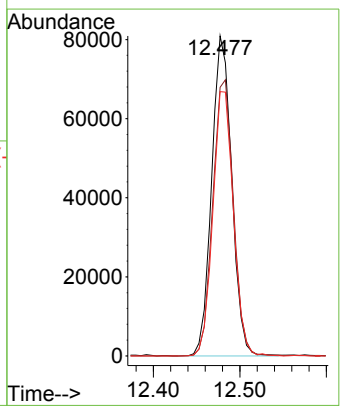


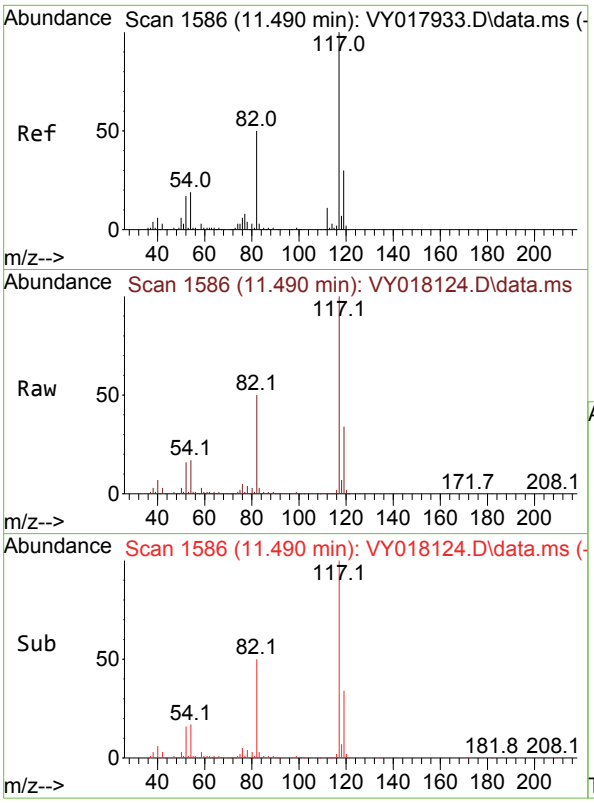


#62
4-Bromofluorobenzene
Concen: 40.715 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 95 Resp: 130128

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	175.6
176	84.7	0.0	171.4



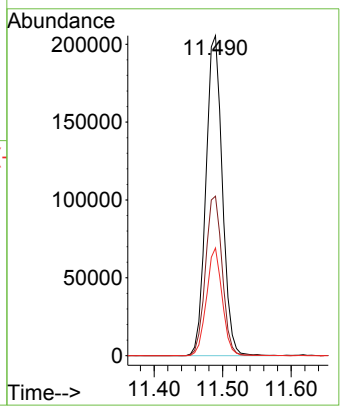


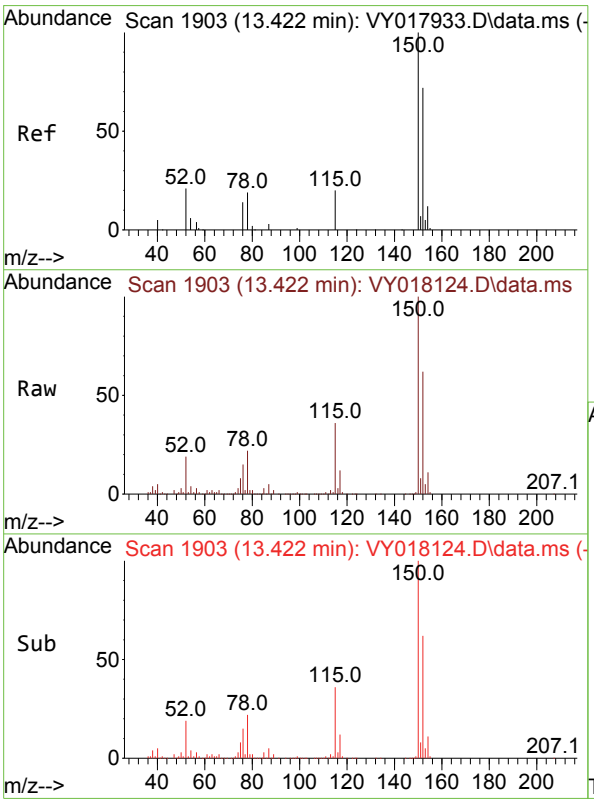
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 342250

Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.4	63.6
119	33.6	25.9	38.9

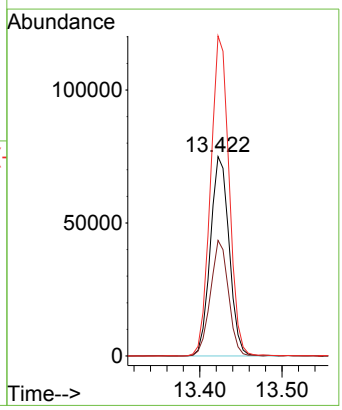


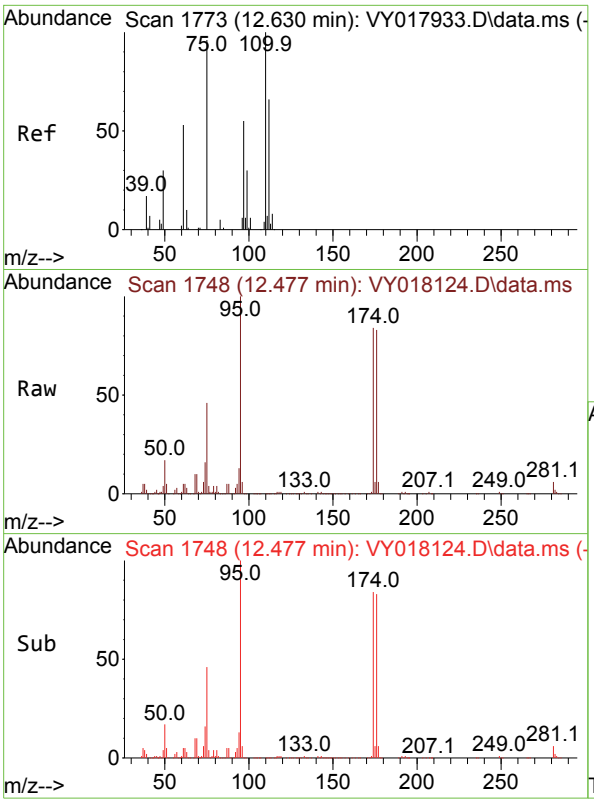


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion:152 Resp: 119112

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.2	84.7
150	158.9	0.0	345.6



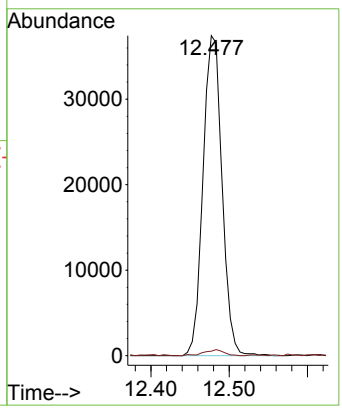


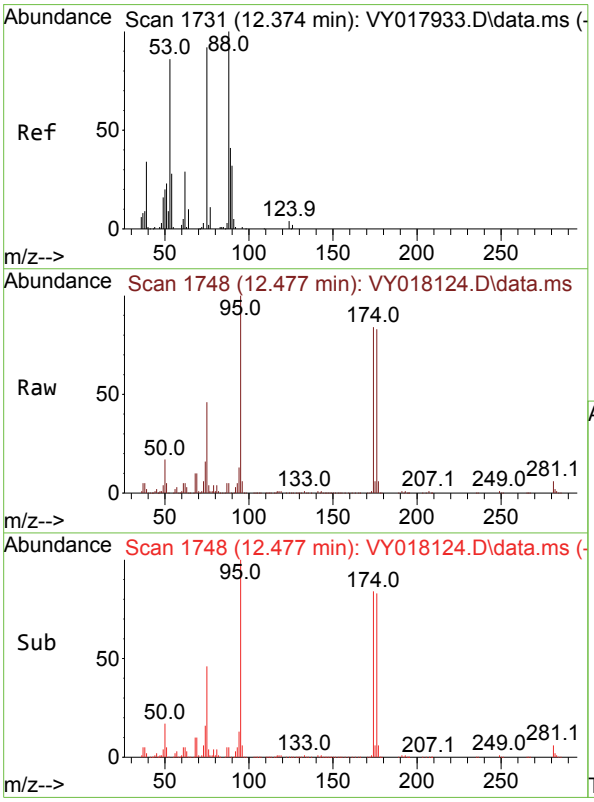
#76
1,2,3-Trichloropropane
Concen: 63.083 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.159 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Instrument :
MSVOA_Y
ClientSampleId :

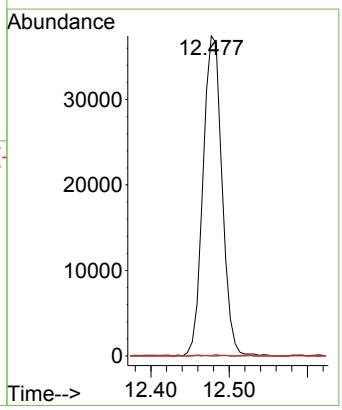
Tgt Ion: 75 Resp: 63061

Ion	Ratio	Lower	Upper
75	100		
77	2.0	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.923 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY018124.D
Acq: 02 May 2024 18:05

Tgt Ion: 75 Resp: 63061

Ion	Ratio	Lower	Upper
75	100		
53	0.1	66.8	100.2#
89	0.3	35.8	53.6#