Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012308.D
Acq On : 23 Jan 2023 13:04
Operator : KP/MD
Sample : VY0123SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 14:21:45 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	162197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	255207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70582	52.713	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.420%			
35) Dibromofluoromethane	7.721	113	61363	45.410	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.820%			
50) Toluene-d8	10.178	98	221191	46.981	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 93.960%			
62) 4-Bromofluorobenzene	12.483	95	78432	41.173	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.340%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.911	59	1305	Below Cal	#	74
16) Acetone	3.960	43	493	1.092	ug/l #	40
20) Methylene Chloride	4.722	84	6535	Below Cal		88
31) Cyclohexane	7.789	56	3209	1.357	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11158	4.859	ug/l #	51
38) Carbon Tetrachloride	7.789	117	16540	5.576	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42188	41.688	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42188	85.896	ug/l #	13

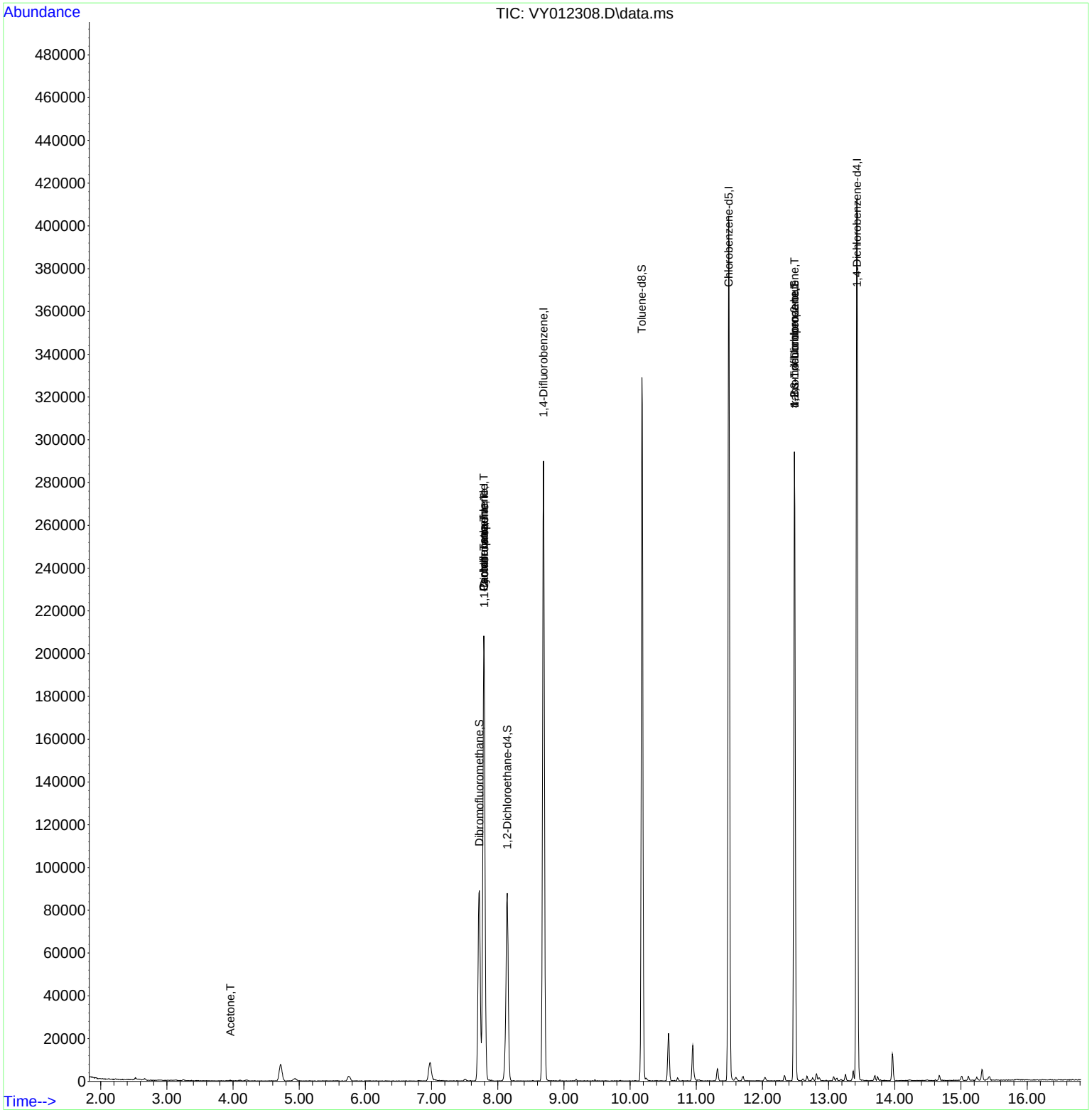
(#) = qualifier out of range (m) = manual integration (+) = signals summed

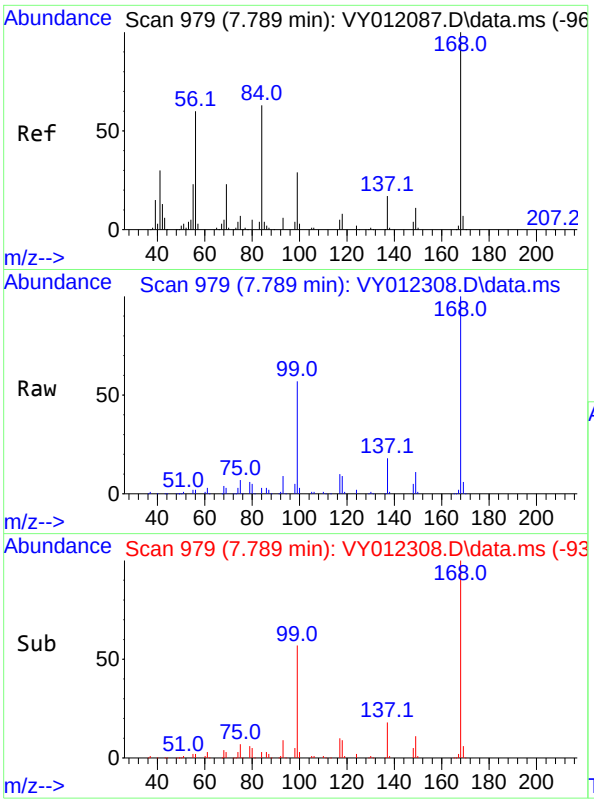
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012308.D
Acq On : 23 Jan 2023 13:04
Operator : KP/MD
Sample : VY0123SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 23 14:21:45 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



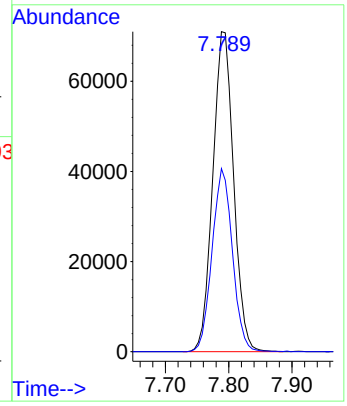


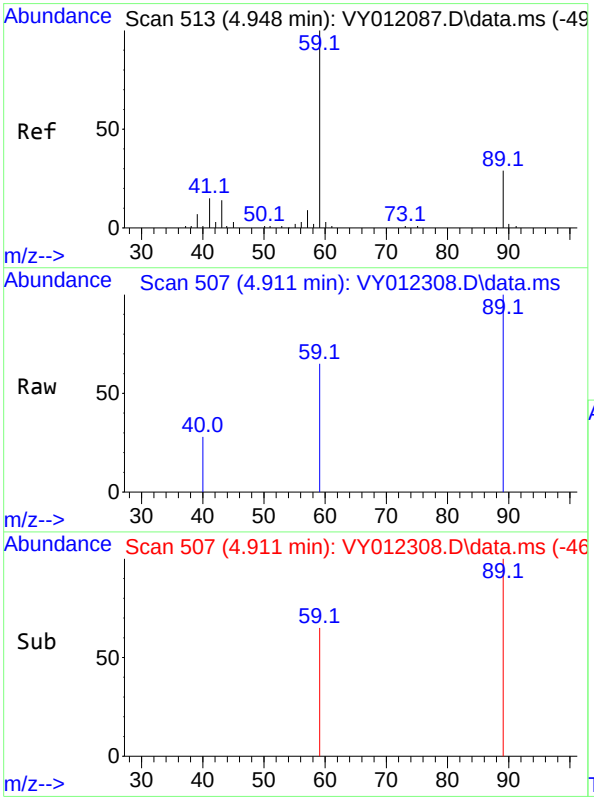
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 162197

Ion	Ratio	Lower	Upper
168	100		
99	57.2	44.0	66.0

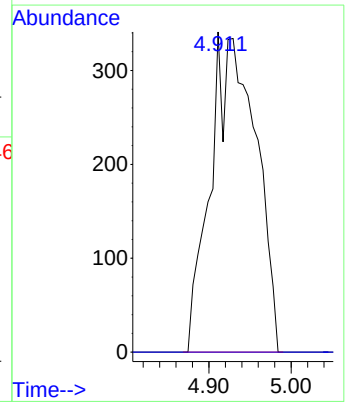


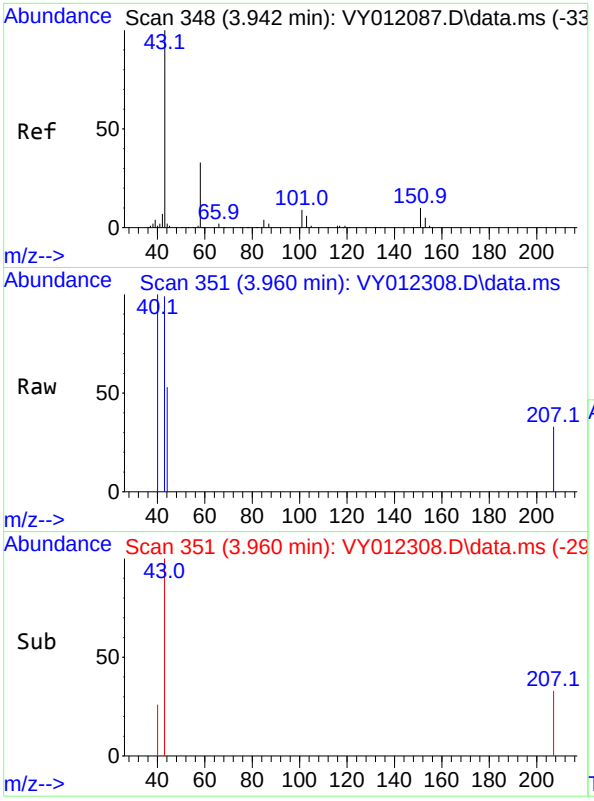


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.037 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion: 59 Resp: 1305

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



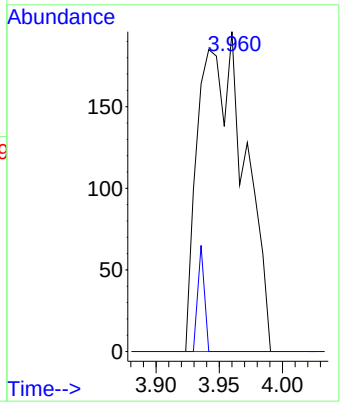


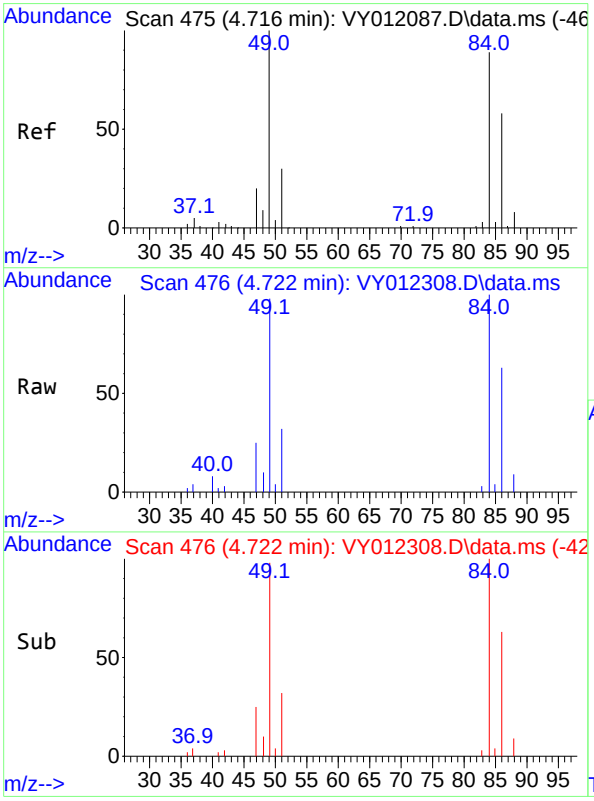
#16
Acetone
Concen: 1.092 ug/l
RT: 3.960 min Scan# 3
Delta R.T. 0.018 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 493

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.9	41.9#

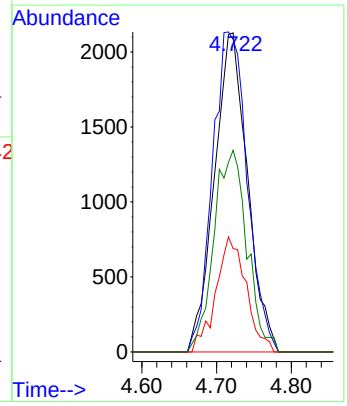


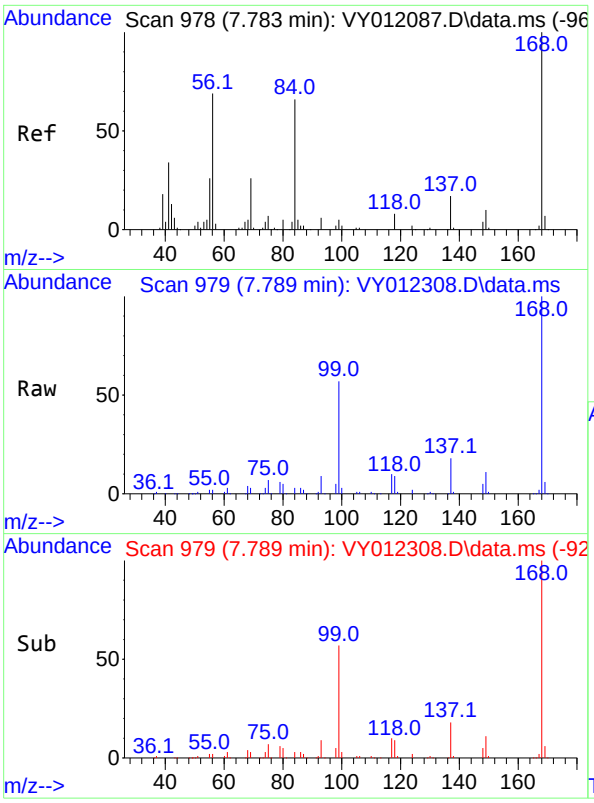


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion: 84 Resp: 6535

Ion	Ratio	Lower	Upper
84	100		
49	97.9	95.4	143.2
51	32.4	29.9	44.9
86	63.2	49.6	74.4



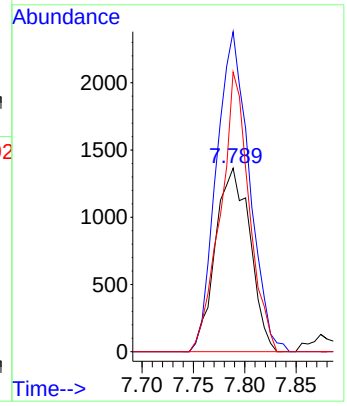


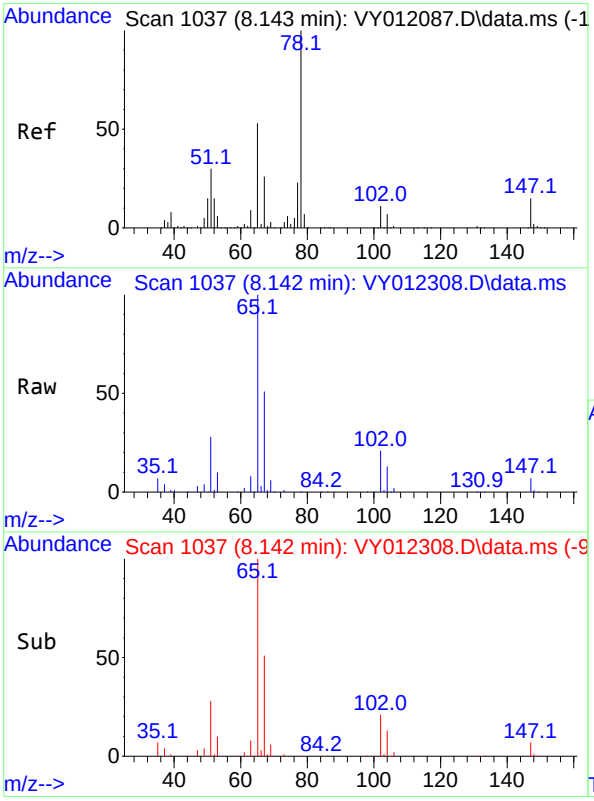
#31
Cyclohexane
Concen: 1.357 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 3209

Ion	Ratio	Lower	Upper
56	100		
69	174.4	29.2	43.8#
84	152.4	72.6	108.8#

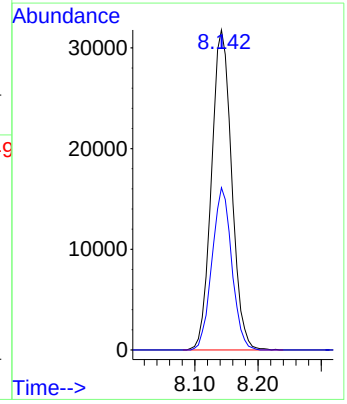


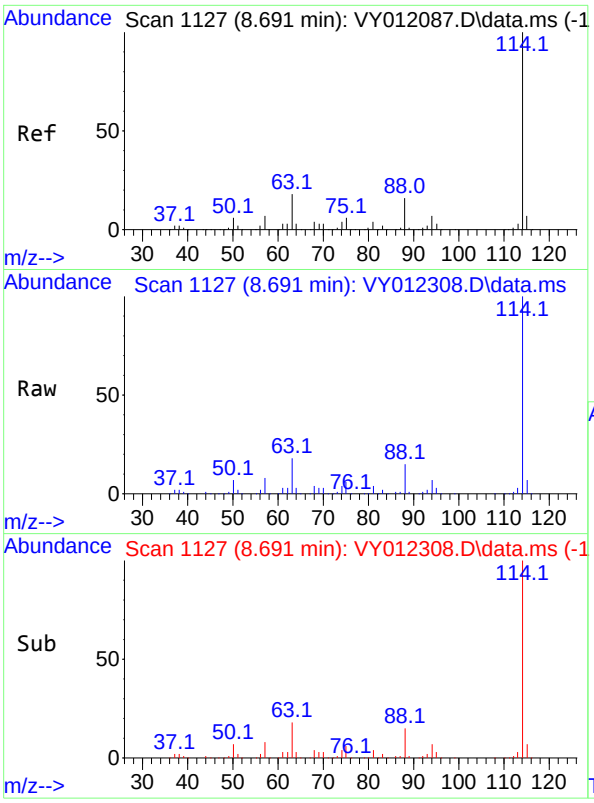


#33
1,2-Dichloroethane-d4
Concen: 52.713 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion: 65 Resp: 70582

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	103.2



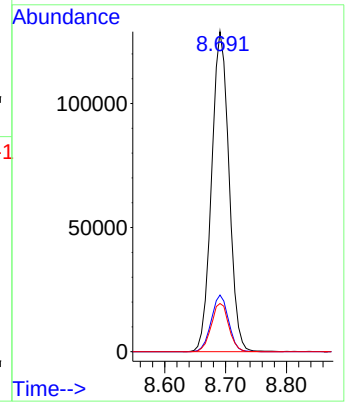


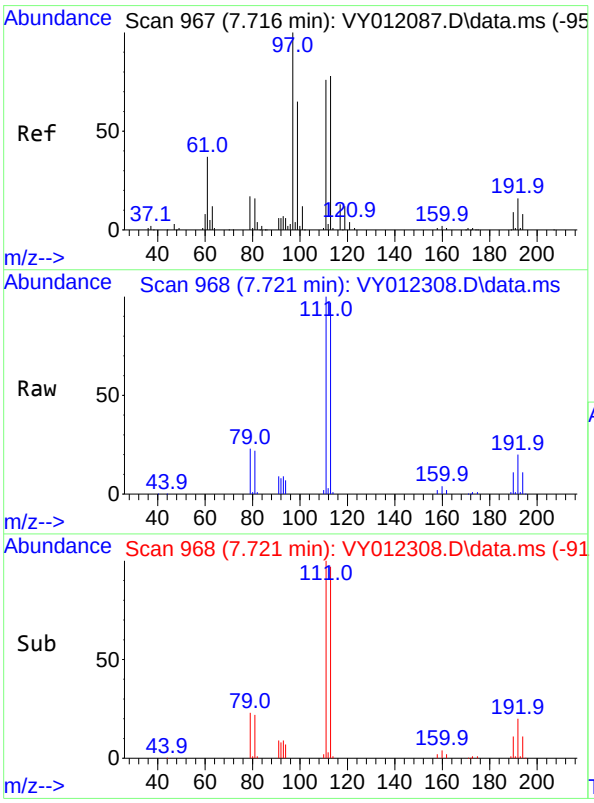
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 255207

Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	39.6
88	15.1	0.0	32.2

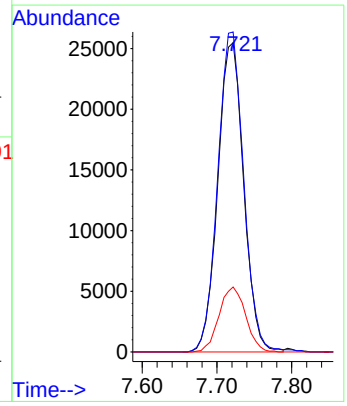


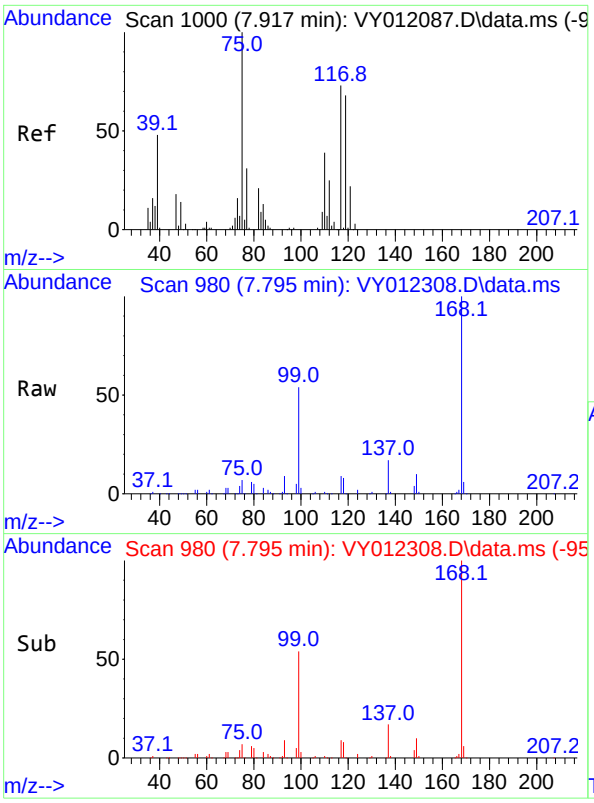


#35
Dibromofluoromethane
Concen: 45.410 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.005 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion:113 Resp: 61363

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.0	124.4
192	21.5	16.0	24.0



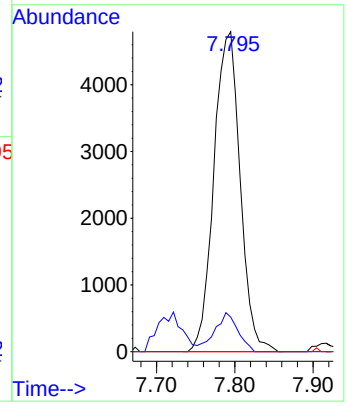


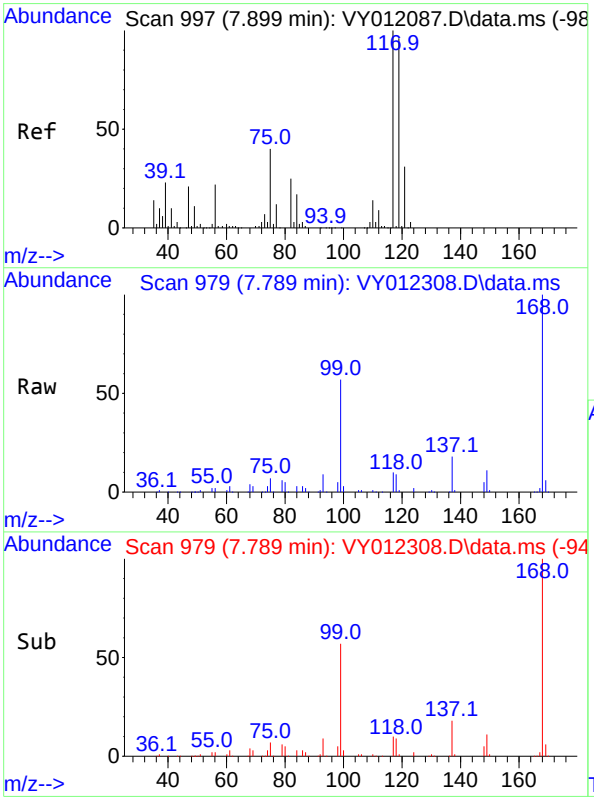
#36
1,1-Dichloropropene
Concen: 4.859 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.122 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 11158

Ion	Ratio	Lower	Upper
75	100		
110	10.7	18.1	54.1#
77	0.0	25.1	37.7#

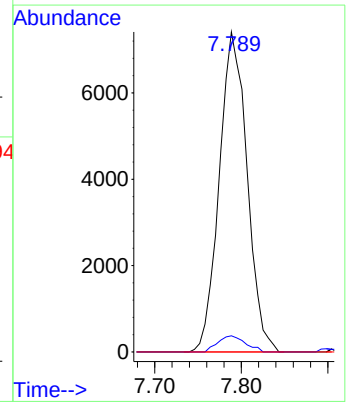


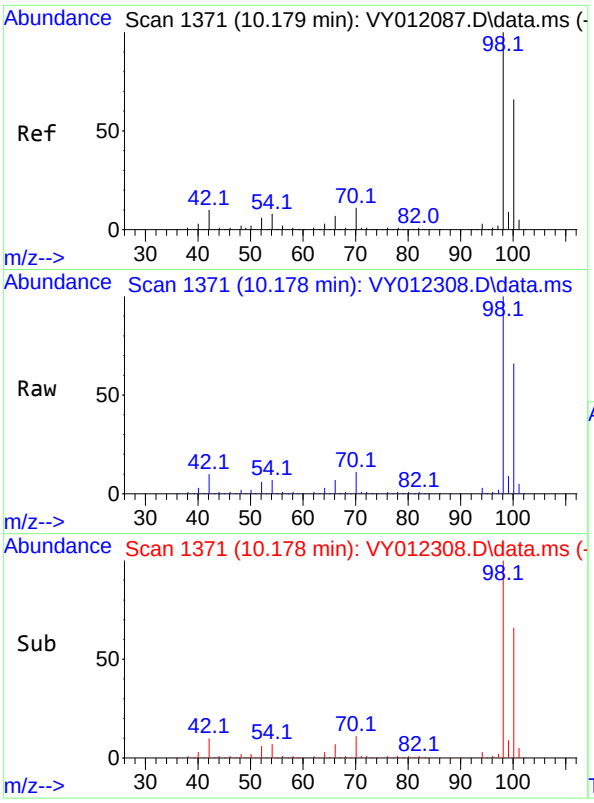


#38
Carbon Tetrachloride
Concen: 5.576 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion:117 Resp: 16540

Ion	Ratio	Lower	Upper
117	100		
119	5.1	73.8	110.8#
121	0.0	25.2	37.8#



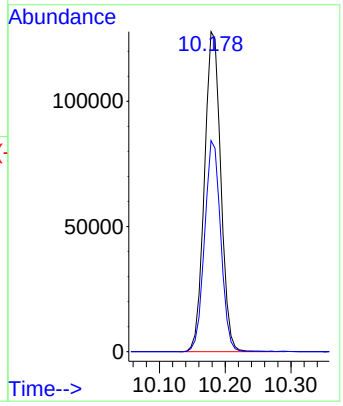


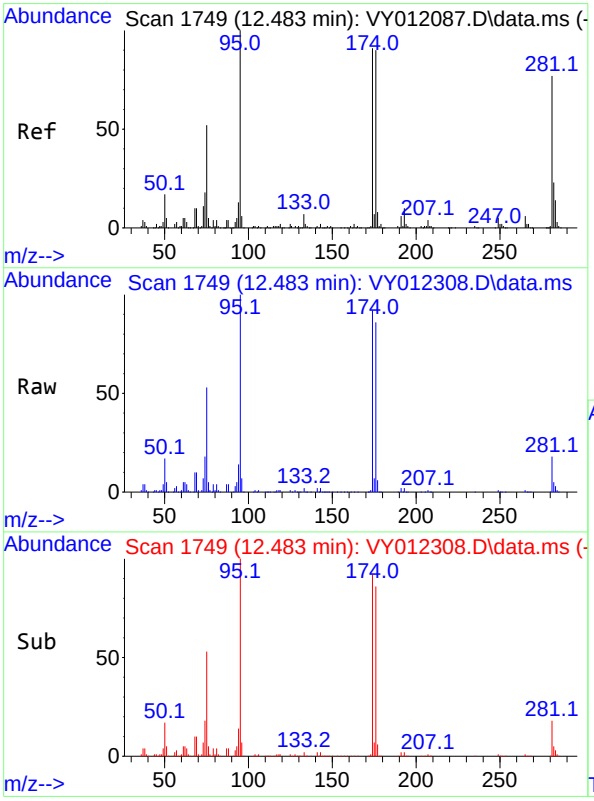
#50
Toluene-d8
Concen: 46.981 ug/l
RT: 10.178 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 221191

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

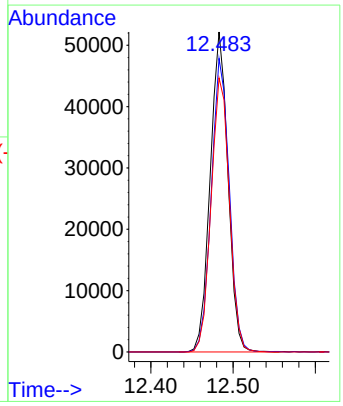


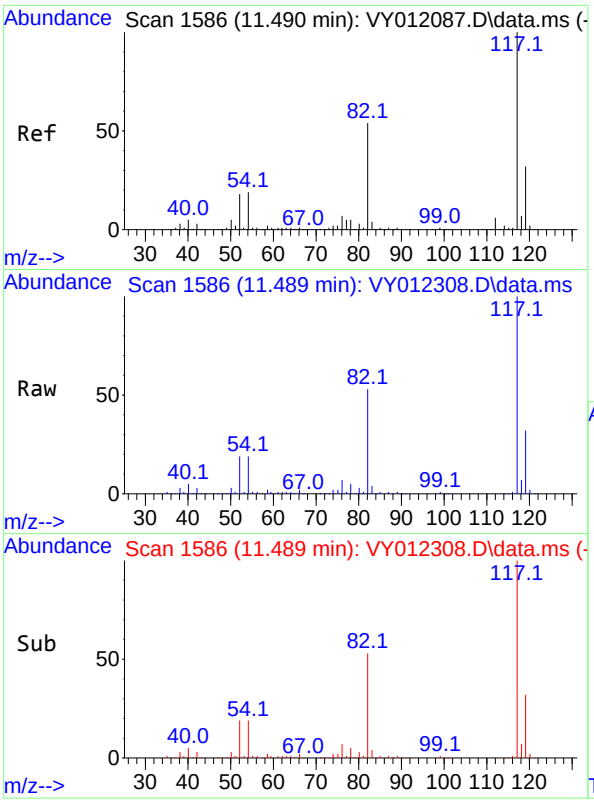


#62
4-Bromofluorobenzene
Concen: 41.173 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion: 95 Resp: 78432

Ion	Ratio	Lower	Upper
95	100		
174	92.6	0.0	172.0
176	87.8	0.0	167.6



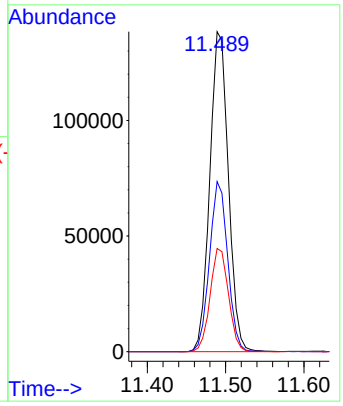


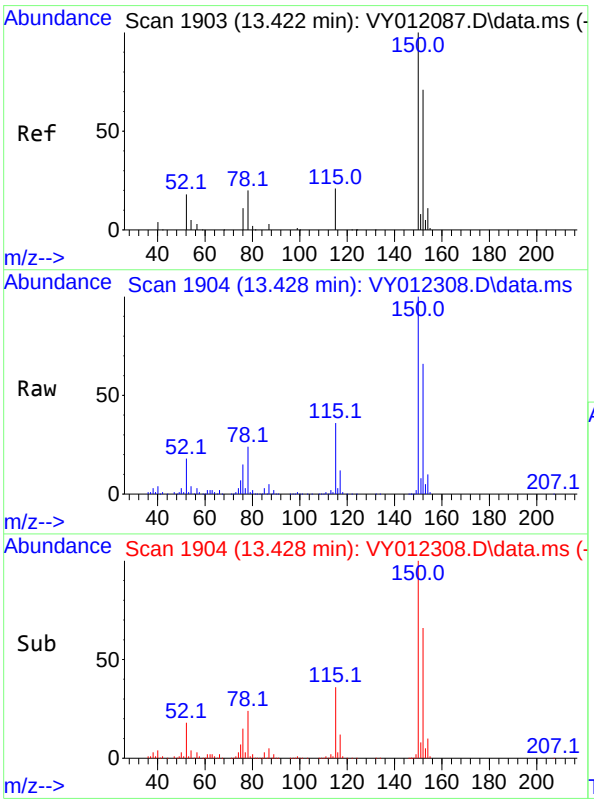
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 227538

Ion	Ratio	Lower	Upper
117	100		
82	53.2	44.8	67.2
119	32.3	25.4	38.2

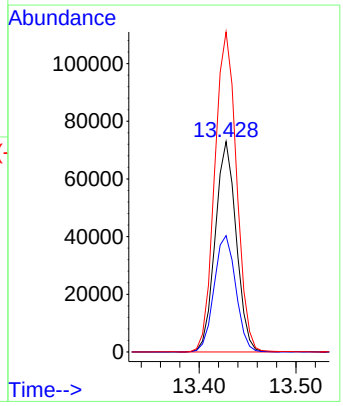


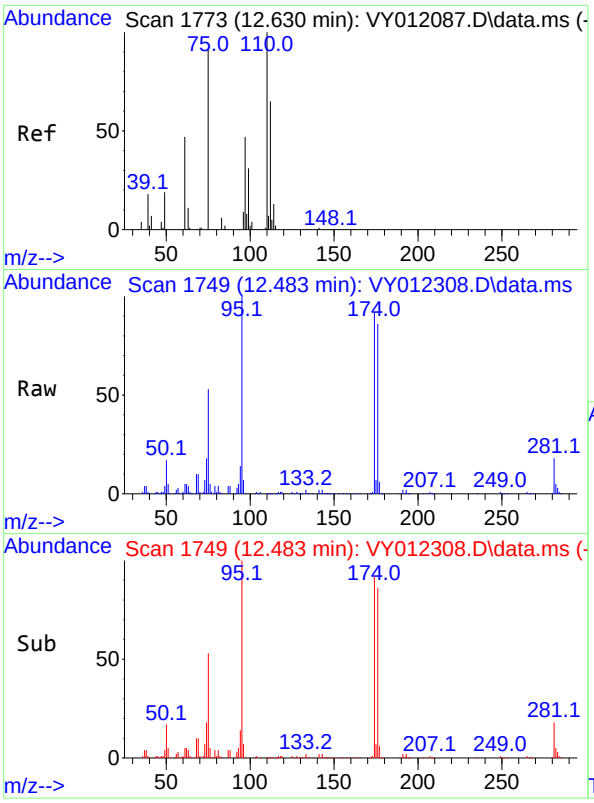


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion:152 Resp: 110055

Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	158.2	0.0	342.6



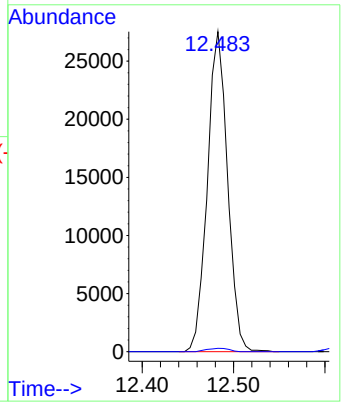


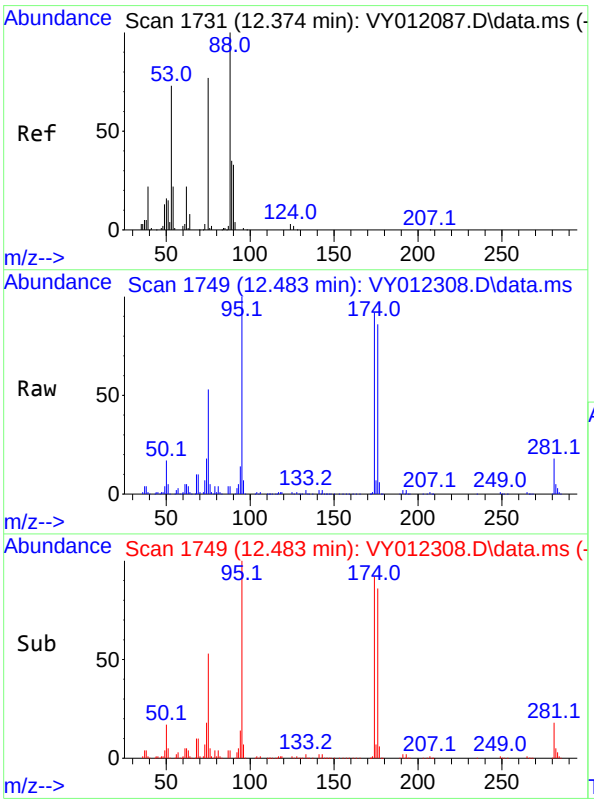
#76
1,2,3-Trichloropropane
Concen: 41.688 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.147 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Instrument :
MSVOA_Y
ClientSampleId :

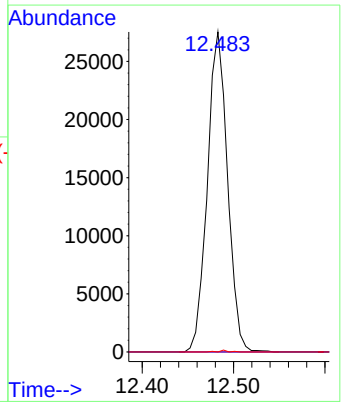
Tgt Ion: 75 Resp: 42188

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.109 min
Lab File: VY012308.D
Acq: 23 Jan 2023 13:04

Tgt Ion: 75 Resp: 42188

Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.2	37.0	55.4#