Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
Data File : VY008155.D
Acq On : 01 Apr 2022 12:57
Operator : SY/MD
Sample : N2202-01RE
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Quant Time: Apr 02 03:55:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	98683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	176091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70004	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53033	53.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.120%			
35) Dibromofluoromethane	7.716	113	54533	49.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.780%			
50) Toluene-d8	10.179	98	208425	50.108	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.220%			
62) 4-Bromofluorobenzene	12.483	95	70121	47.783	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.560%			
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	133	1.795	ug/l #	35
16) Acetone	3.942	43	657	2.903	ug/l #	84
18) Methyl Acetate	4.479	43	114	Below Cal	#	56
20) Methylene Chloride	4.716	84	2293	Below Cal	#	83
31) Cyclohexane	7.789	56	2018	1.090	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7550	4.353	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10155	5.373	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	36405	42.661	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36405	95.184	ug/l #	7

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

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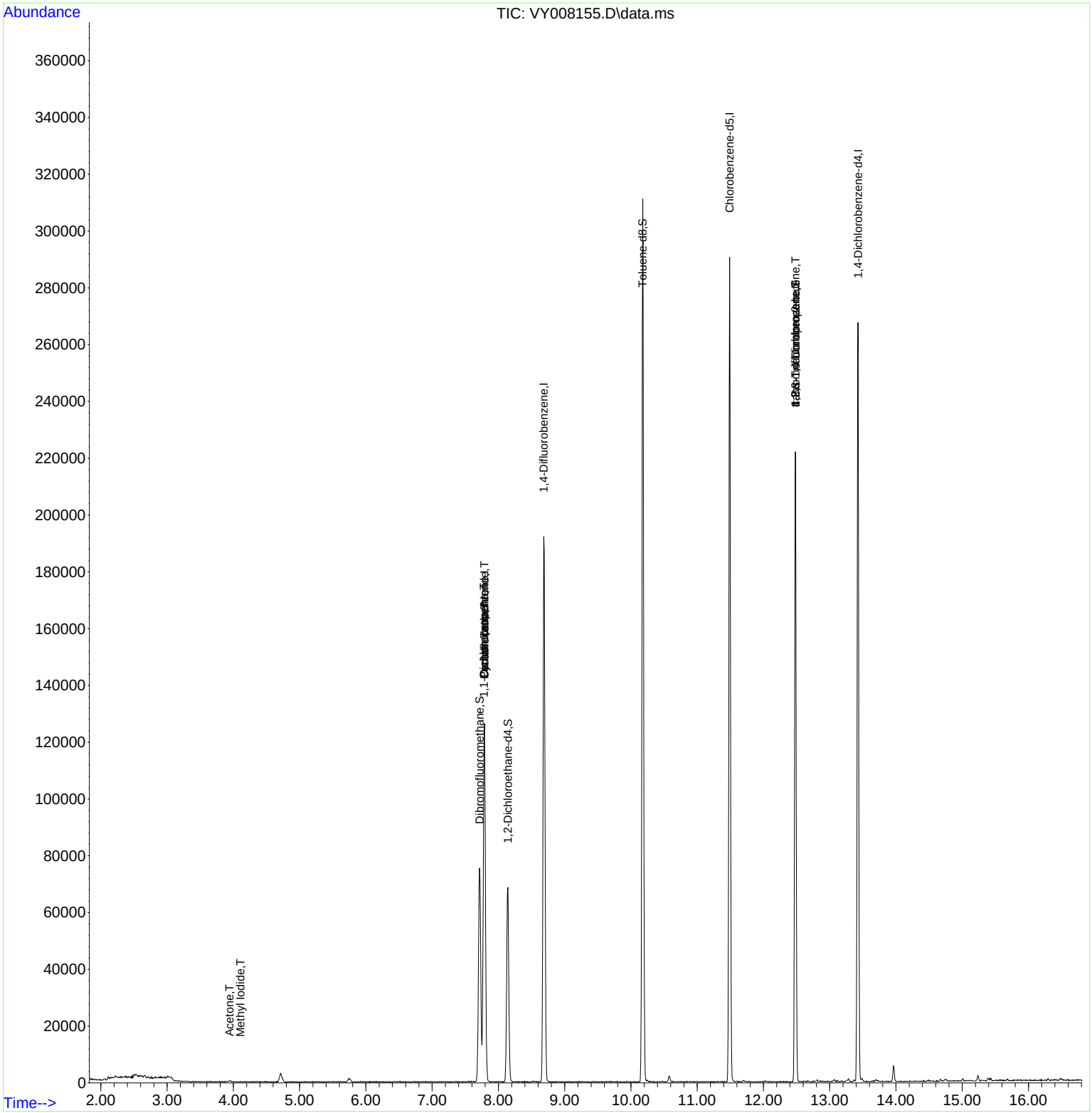
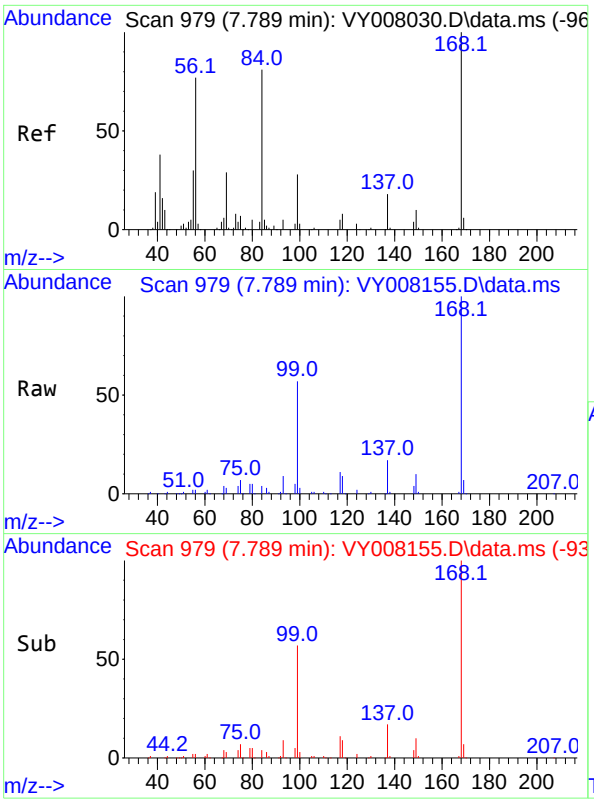


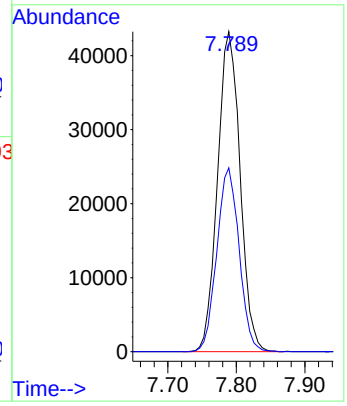


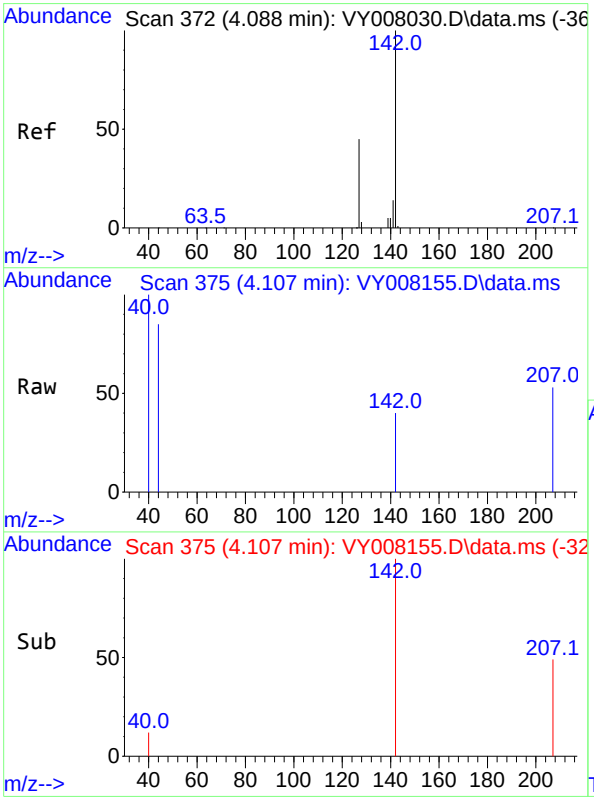
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:168 Resp: 98683

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.9	70.3

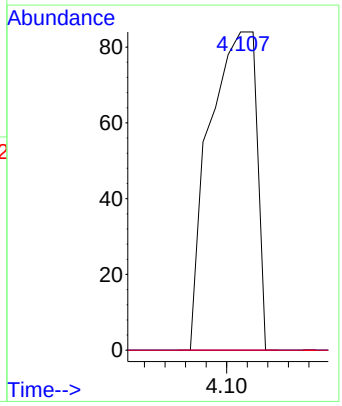


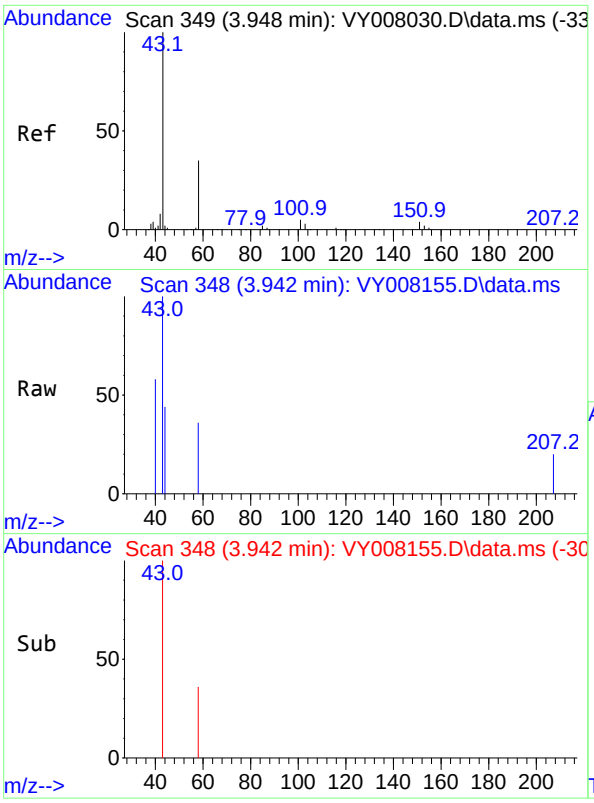


#10
Methyl Iodide
Concen: 1.795 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion:142 Resp: 133

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.5	62.3#
141	0.0	11.9	17.9#



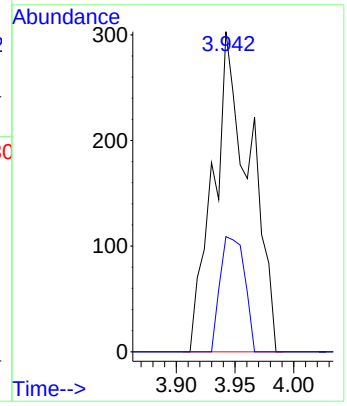


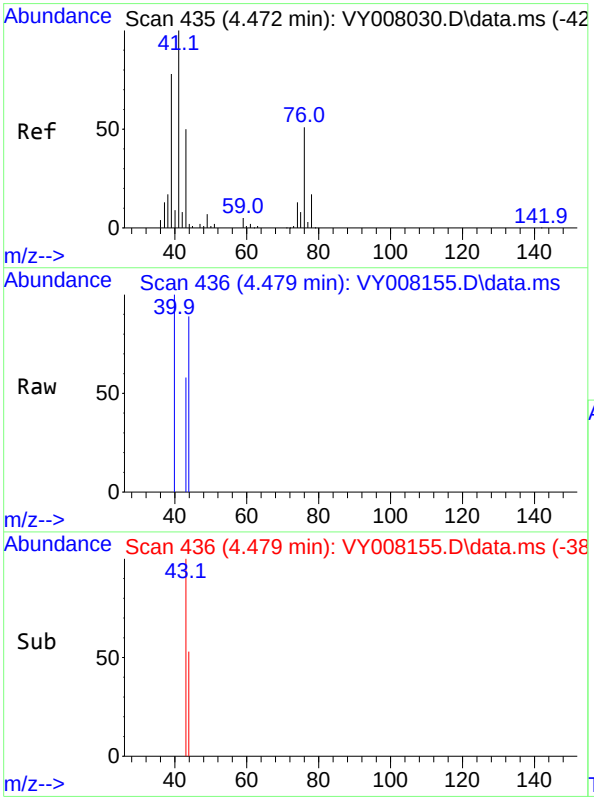
#16
Acetone
Concen: 2.903 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
58	36.0	22.0	33.0#

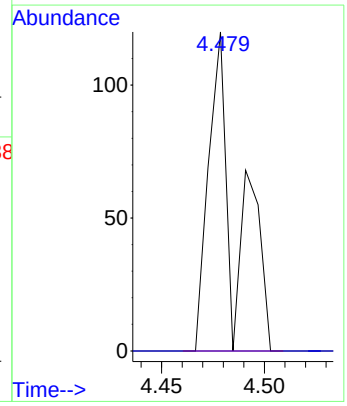


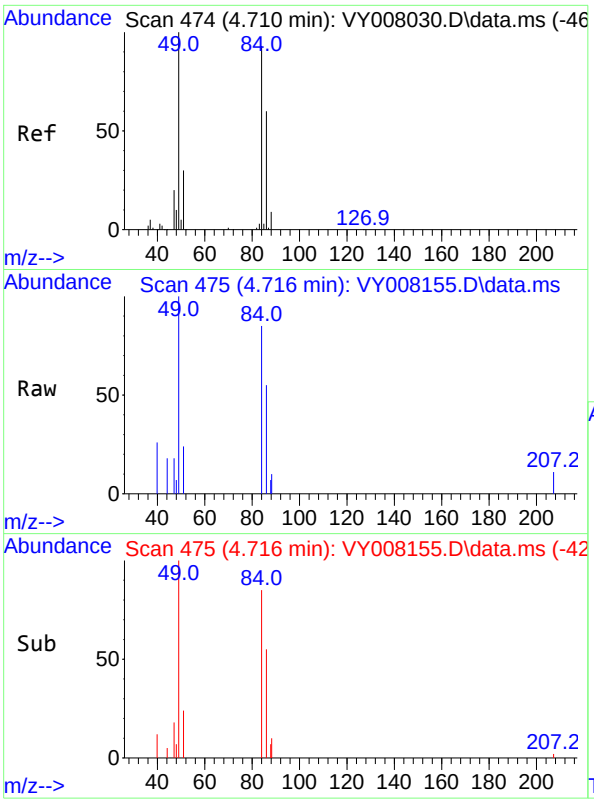


#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 43 Resp: 114

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



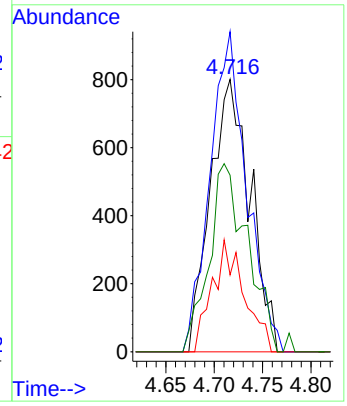


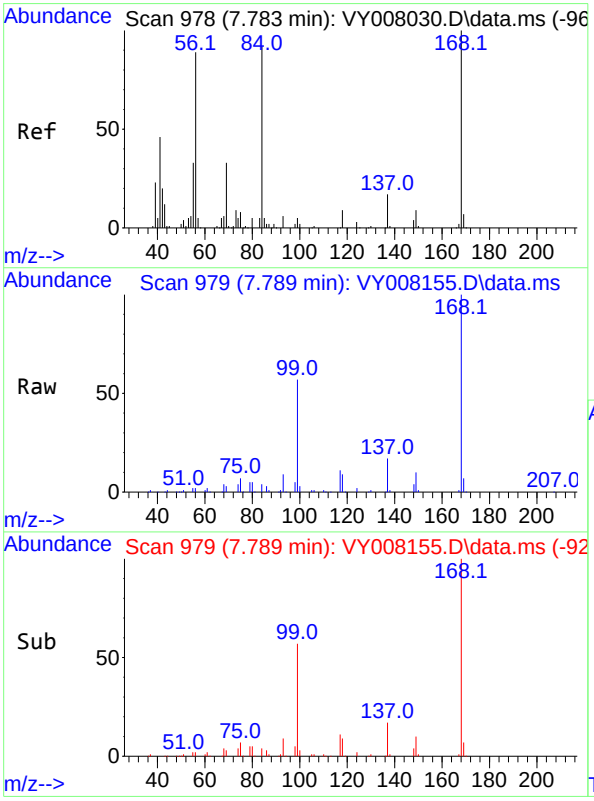
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 84 Resp: 2293

Ion	Ratio	Lower	Upper
84	100		
49	117.5	114.4	171.6
51	28.2	35.3	52.9#
86	64.8	53.7	80.5

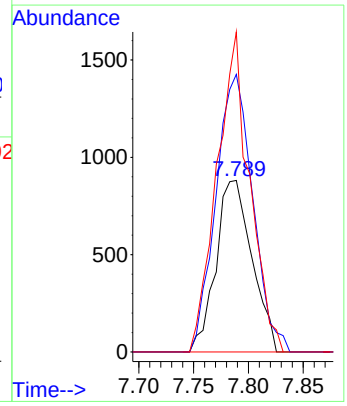


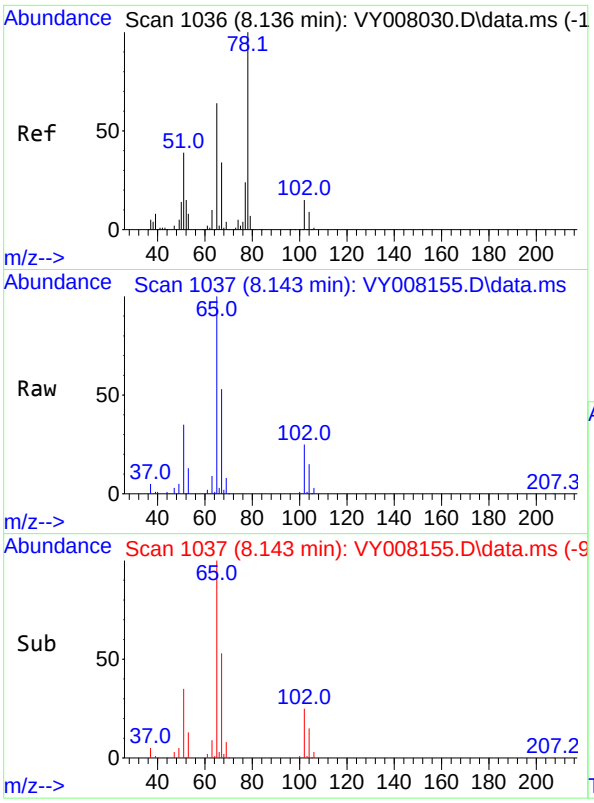


#31
Cyclohexane
Concen: 1.090 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 56 Resp: 2018

Ion	Ratio	Lower	Upper
56	100		
69	161.9	26.7	40.1#
84	186.6	67.2	100.8#



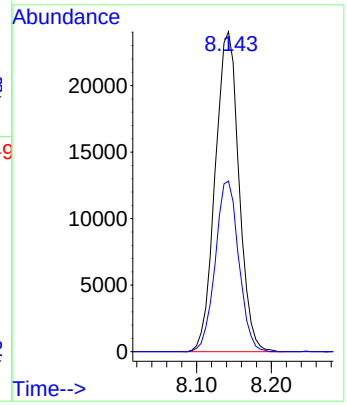


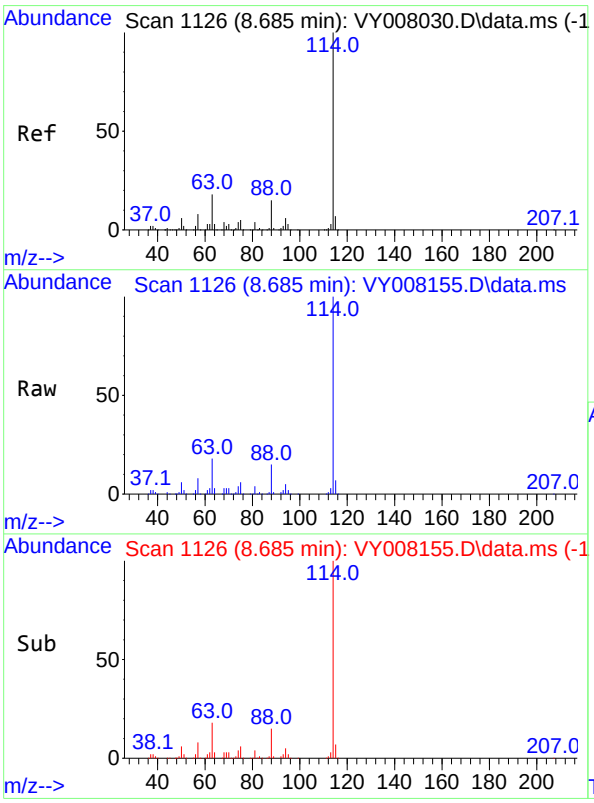
#33
1,2-Dichloroethane-d4
Concen: 53.564 ug/l
RT: 8.143 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 65 Resp: 53033

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	99.4

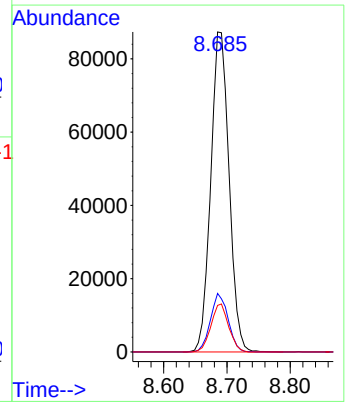


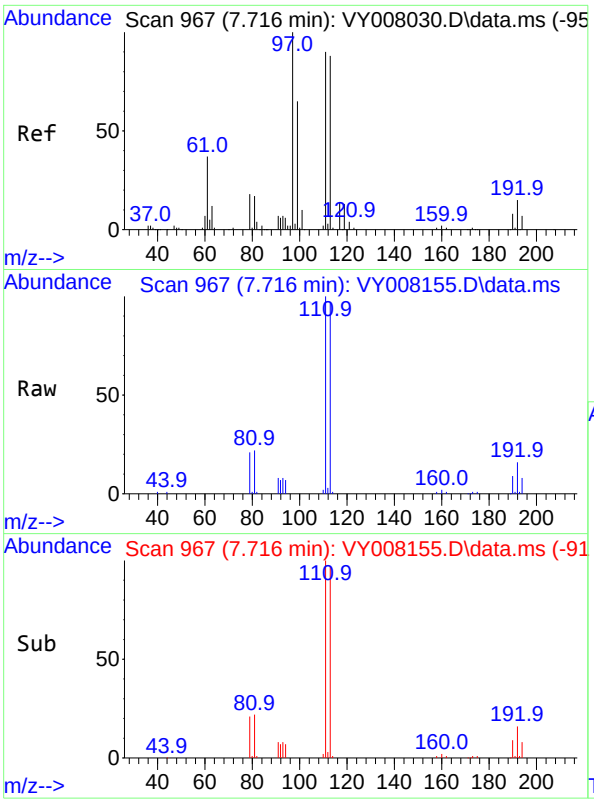


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion:114 Resp: 176091

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	43.2
88	14.5	0.0	31.8



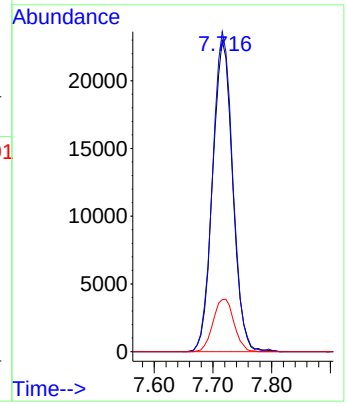


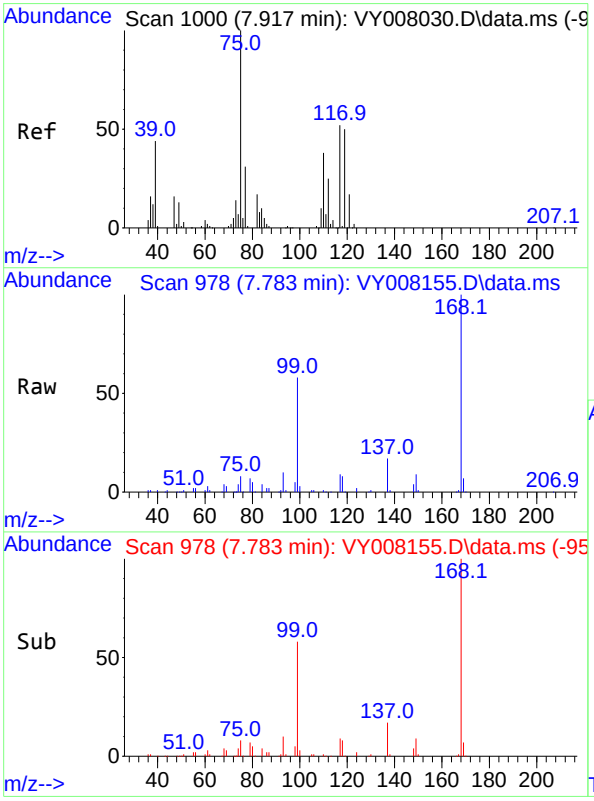
#35
Dibromofluoromethane
Concen: 49.394 ug/l
RT: 7.716 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:113 Resp: 54533

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.6	124.0
192	17.6	17.6	26.4#

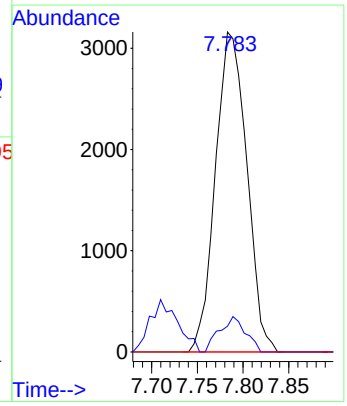


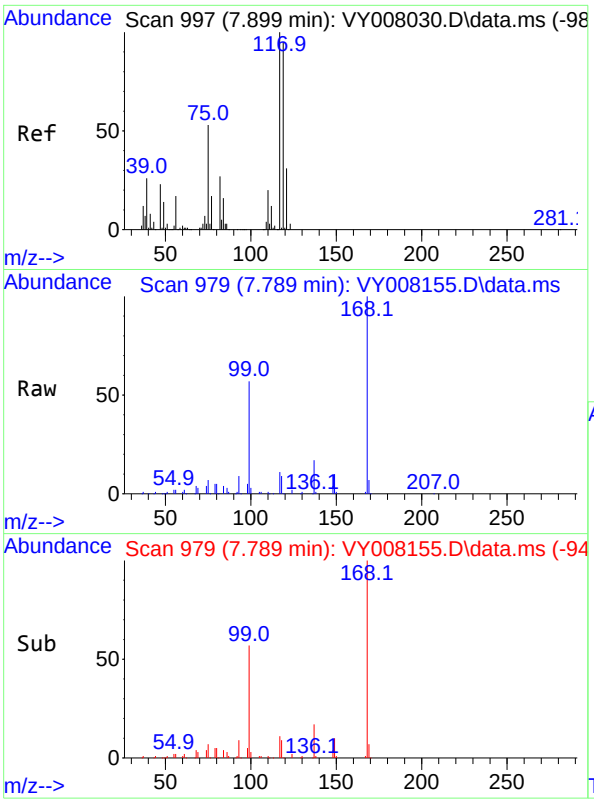


#36
1,1-Dichloropropene
Concen: 4.353 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 75 Resp: 7550

Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.1	51.2#
77	0.0	24.4	36.6#



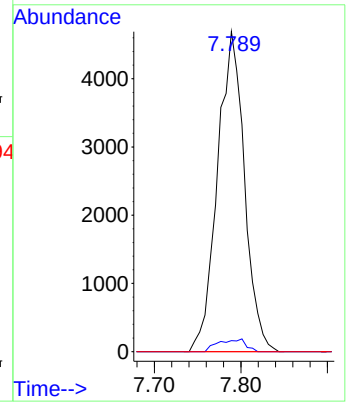


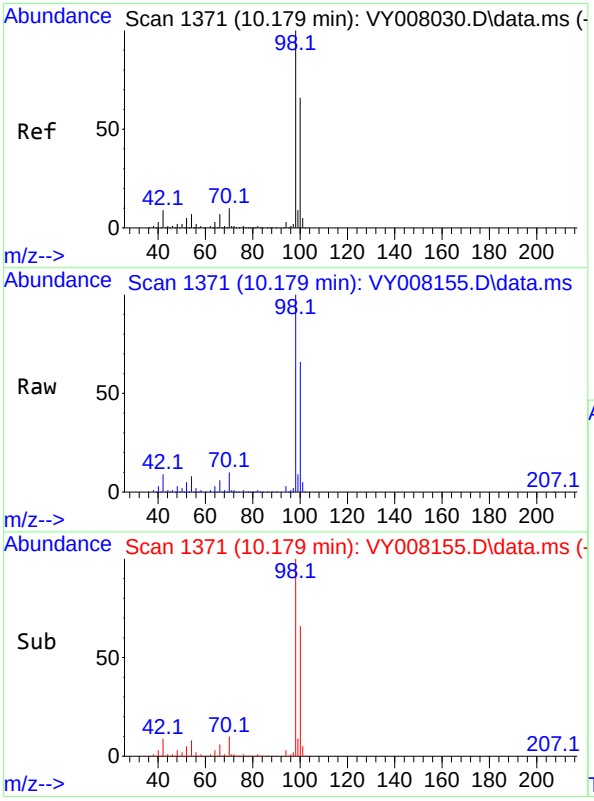
#38
Carbon Tetrachloride
Concen: 5.373 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:117 Resp: 10155

Ion	Ratio	Lower	Upper
117	100		
119	3.4	77.9	116.9#
121	0.0	24.8	37.2#

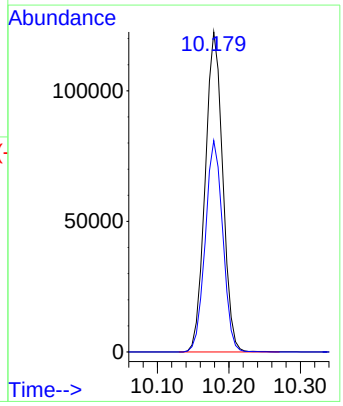


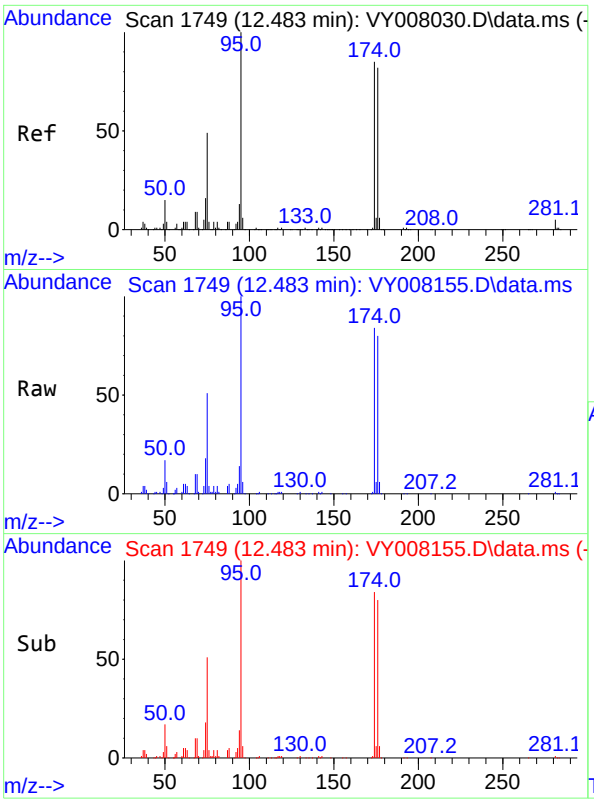


#50
Toluene-d8
Concen: 50.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 98 Resp: 208425

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.2	75.2



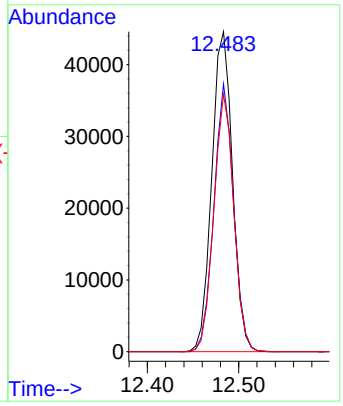


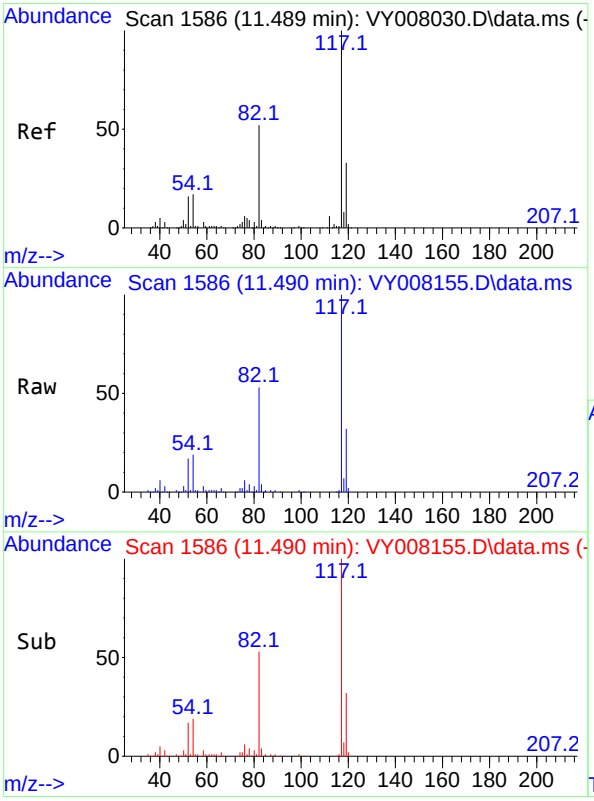
#62
4-Bromofluorobenzene
Concen: 47.783 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 95 Resp: 70121

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	177.0
176	77.4	0.0	175.8

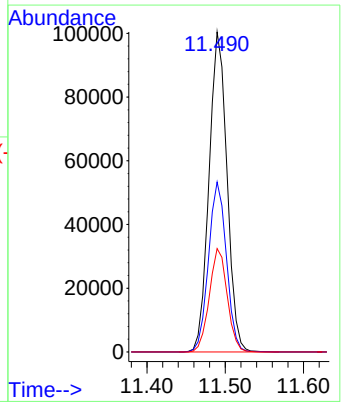


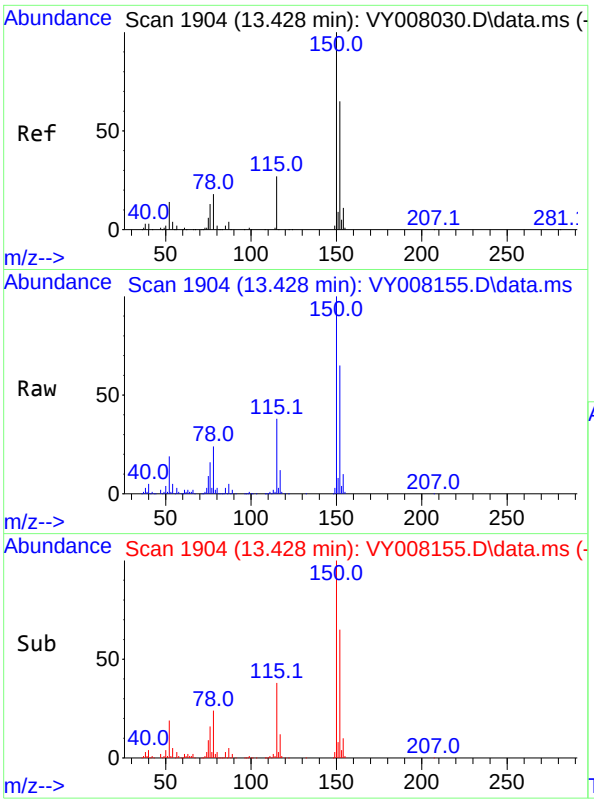


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion:117 Resp: 159800

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.0	64.4
119	32.3	25.4	38.0



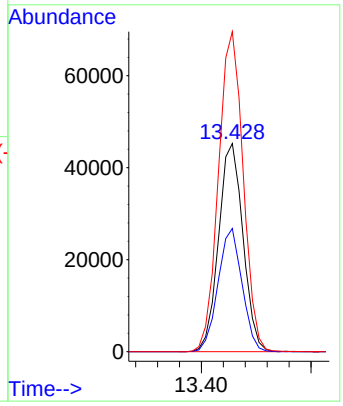


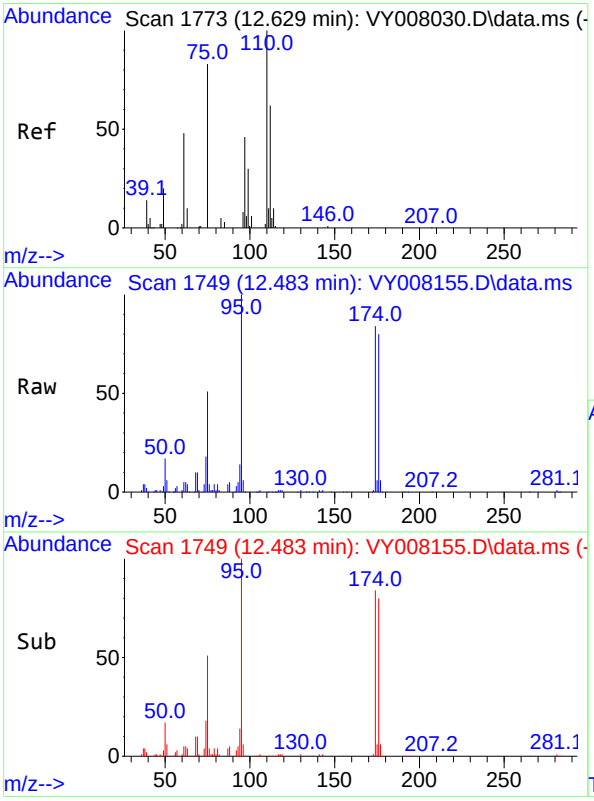
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion:152 Resp: 70004

Ion	Ratio	Lower	Upper
152	100		
115	58.2	28.2	84.7
150	155.7	0.0	347.6

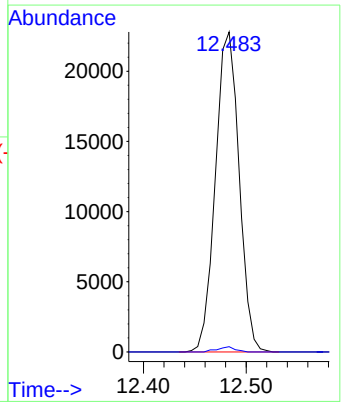


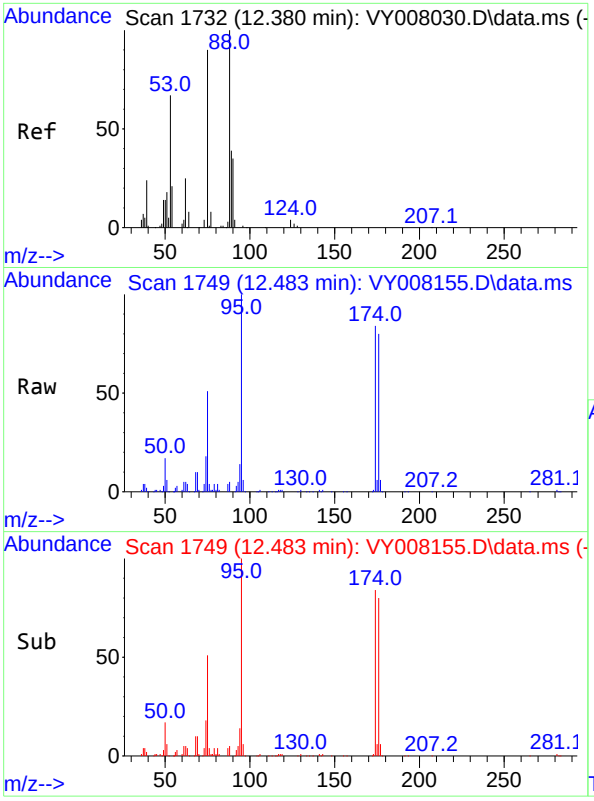


#76
1,2,3-Trichloropropane
Concen: 42.661 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Tgt Ion: 75 Resp: 36405

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.184 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY008155.D
Acq: 01 Apr 2022 12:57

Instrument :
MSVOA_Y
ClientSampleId :
MHE

Tgt Ion: 75 Resp: 36405

Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#