Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
Data File : VY008317.D
Acq On : 13 Apr 2022 17:00
Operator : KP/MD
Sample : N2379-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Apr 14 05:57:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	105829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	190067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60943	61.306	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.620%			
35) Dibromofluoromethane	7.716	113	60072	54.721	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.440%			
50) Toluene-d8	10.179	98	236107	62.854	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 125.700%			
62) 4-Bromofluorobenzene	12.483	95	84615	59.888	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.780%			
Target Compounds						Qvalue
3) Chloromethane	2.113	50	174	Below Cal	#	44
5) Bromomethane	2.656	94	141	Below Cal	#	76
16) Acetone	3.942	43	383	1.602	ug/l #	47
18) Methyl Acetate	4.478	43	175	Below Cal	#	56
20) Methylene Chloride	4.716	84	3502	Below Cal	#	69
31) Cyclohexane	7.783	56	2261	1.258	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8259	4.711	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10523	5.580	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43930	43.994	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43930	98.436	ug/l #	7

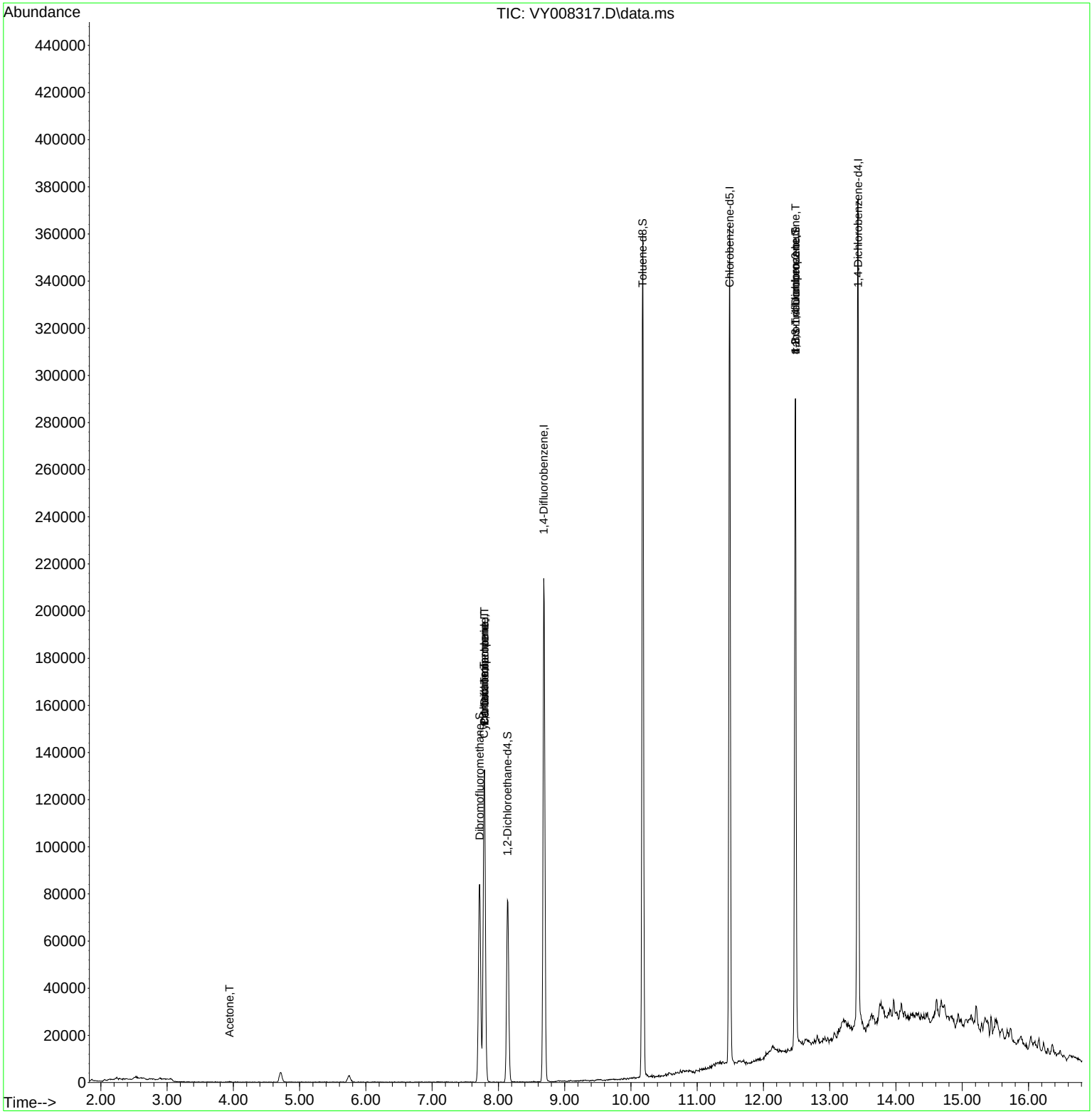
(#) = qualifier out of range (m) = manual integration (+) = signals summed

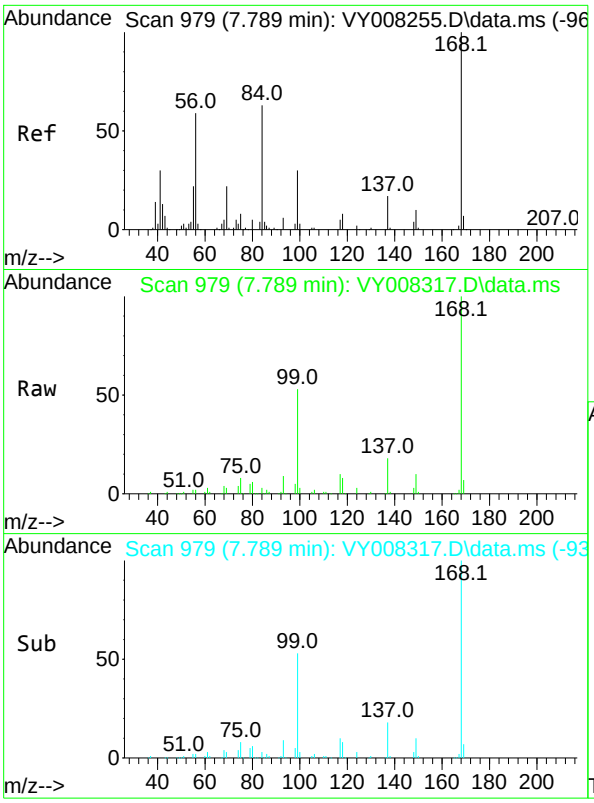
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
Data File : VY008317.D
Acq On : 13 Apr 2022 17:00
Operator : KP/MD
Sample : N2379-02
Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Apr 14 05:57:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration



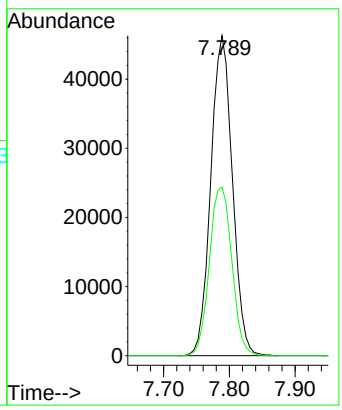


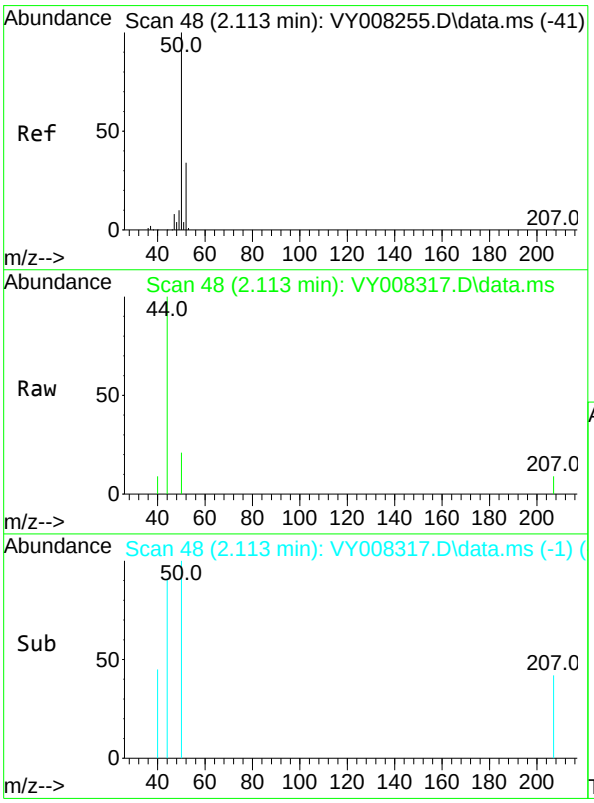
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 105829

Ion	Ratio	Lower	Upper
168	100		
99	52.7	46.9	70.3

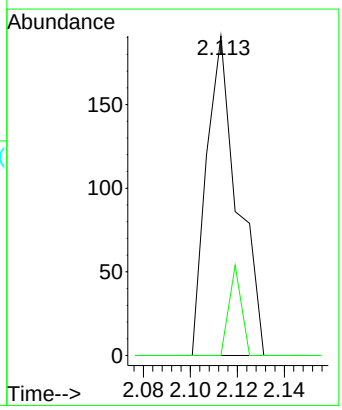


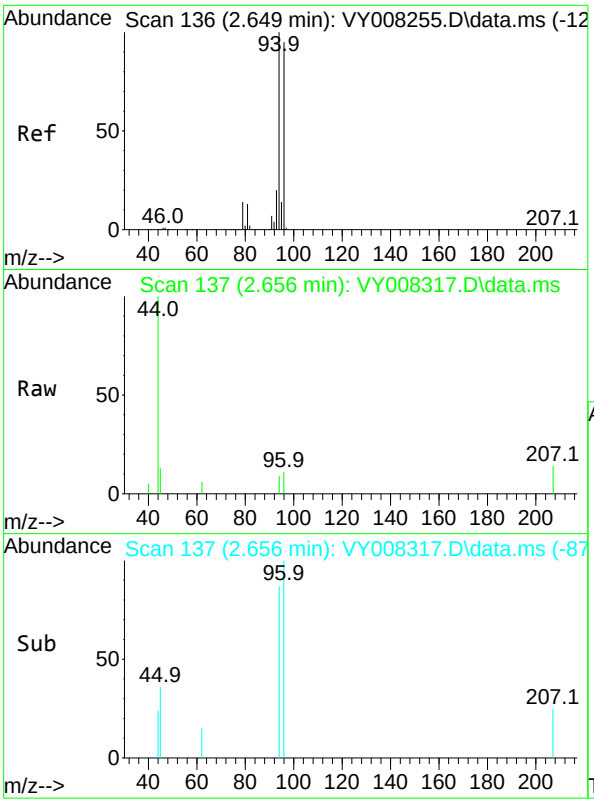


#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion: 50 Resp: 174

Ion	Ratio	Lower	Upper
50	100		
52	0.0	24.6	37.0#



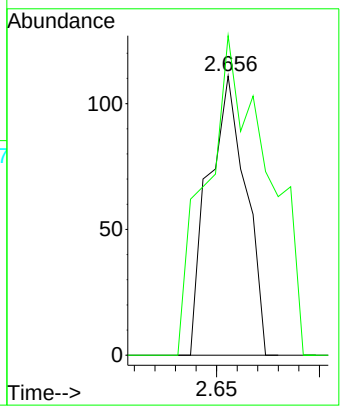


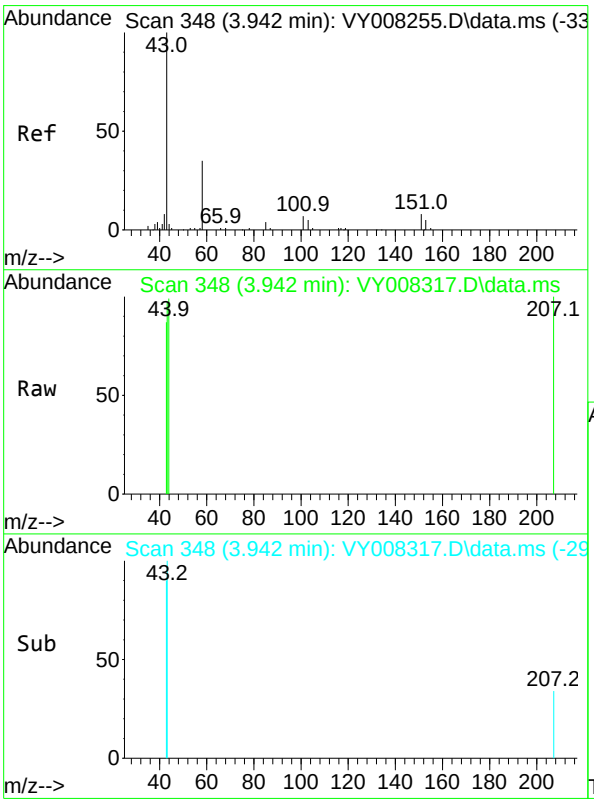
#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 1
Delta R.T. 0.007 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 94 Resp: 141

Ion	Ratio	Lower	Upper
94	100		
96	114.4	73.5	110.3#

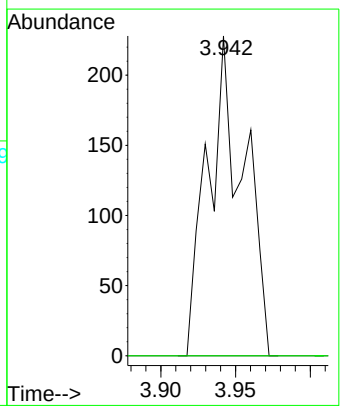


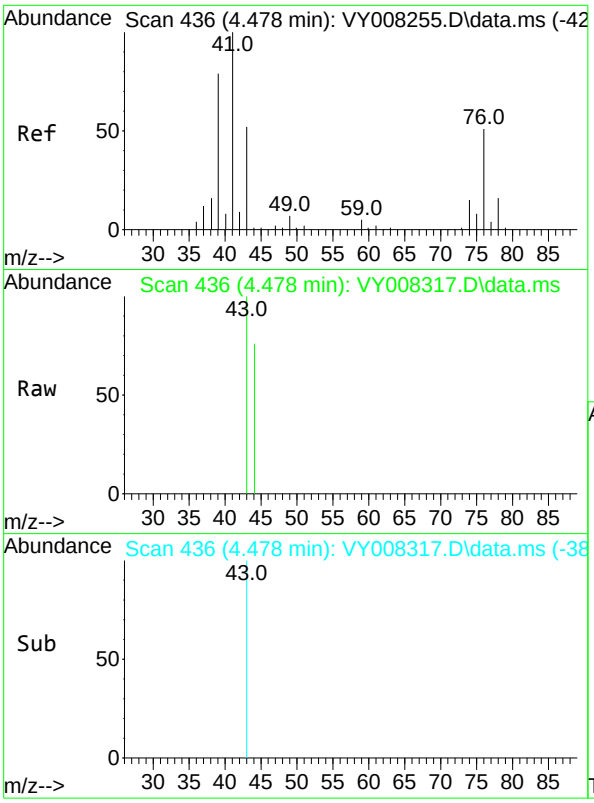


#16
Acetone
Concen: 1.602 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion: 43 Resp: 383

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.0	33.0#



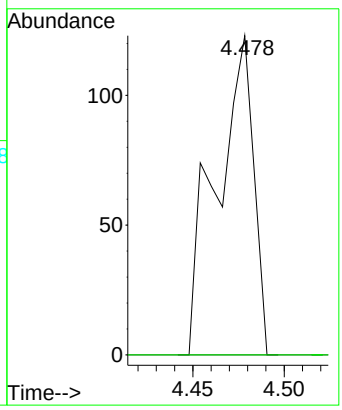


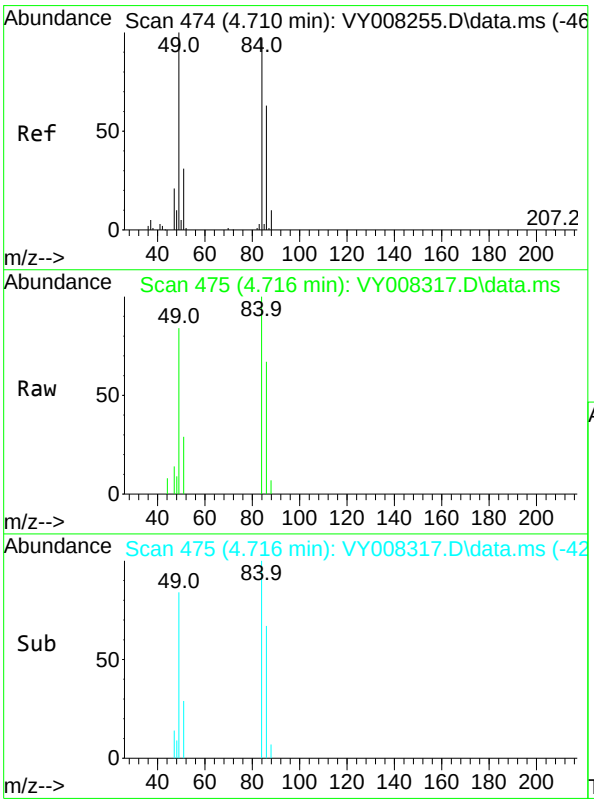
#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 43 Resp: 175

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#

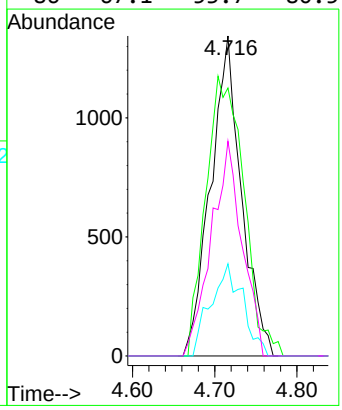


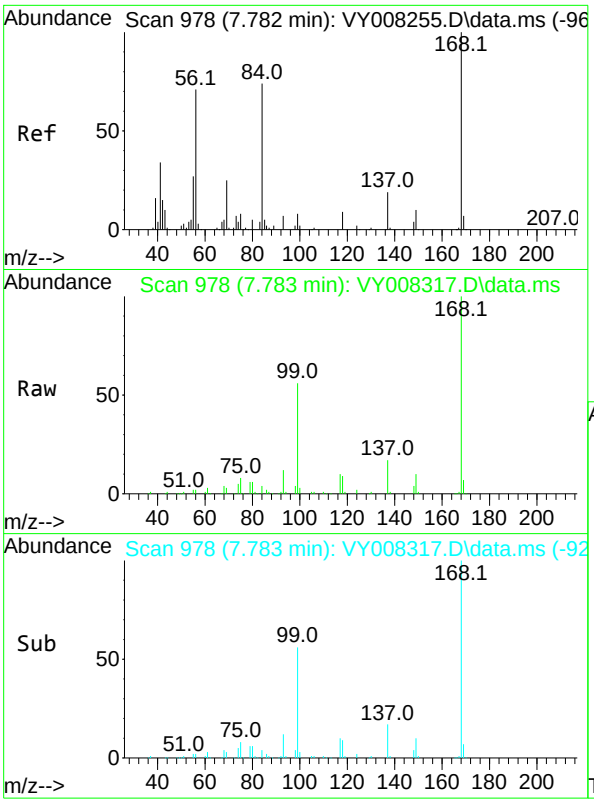


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion: 84 Resp: 3502

Ion	Ratio	Lower	Upper
84	100		
49	83.8	114.4	171.6#
51	28.8	35.3	52.9#
86	67.1	53.7	80.5



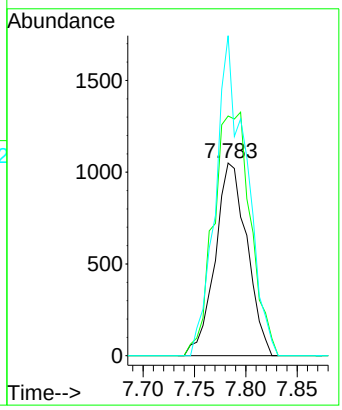


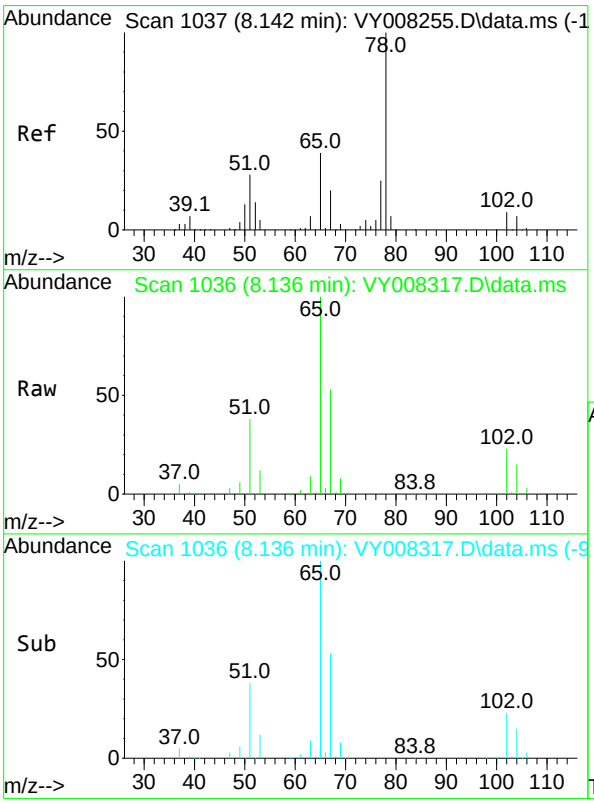
#31
Cyclohexane
Concen: 1.258 ug/l
RT: 7.783 min Scan# 9
Delta R.T. 0.001 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 56 Resp: 2261

Ion	Ratio	Lower	Upper
56	100		
69	124.4	26.7	40.1#
84	166.1	67.2	100.8#

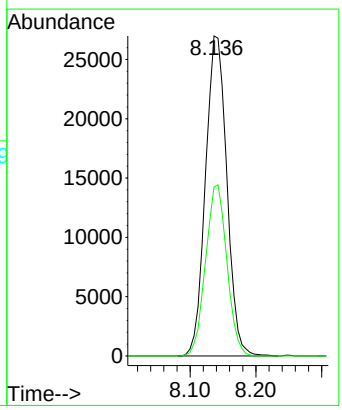


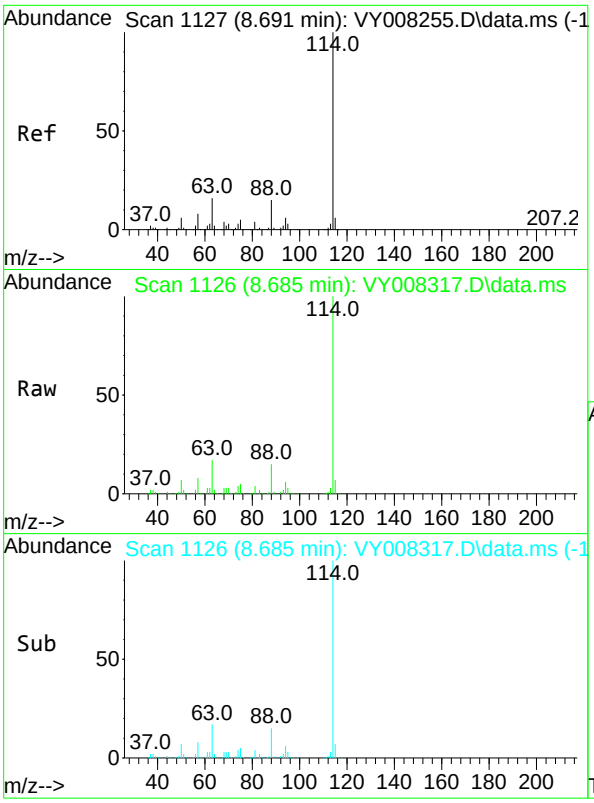


#33
1,2-Dichloroethane-d4
Concen: 61.306 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion: 65 Resp: 60943

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	99.4



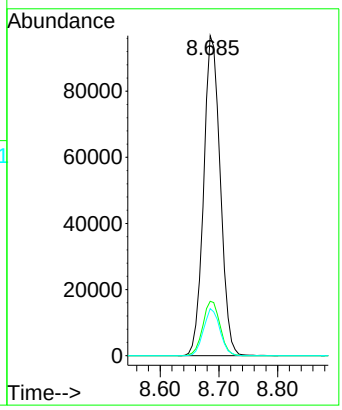


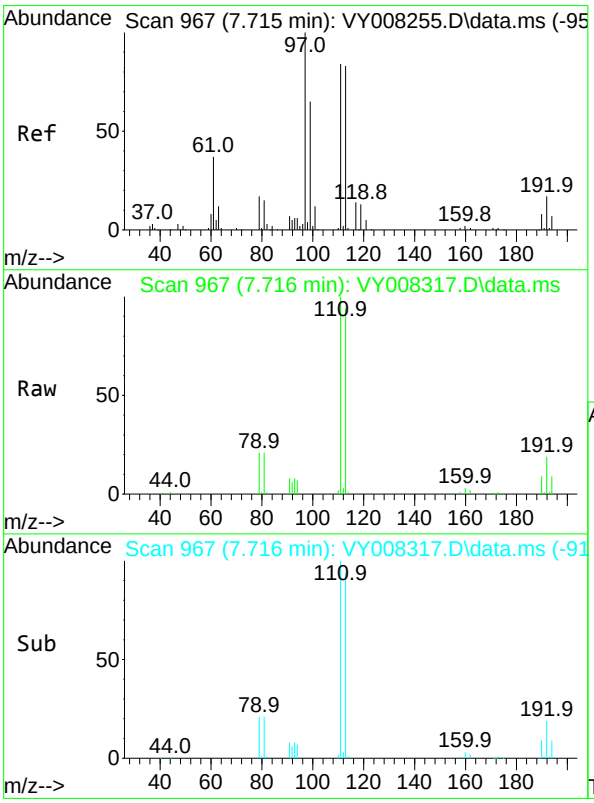
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:114 Resp: 190067

Ion	Ratio	Lower	Upper
114	100		
63	17.0	0.0	43.2
88	14.7	0.0	31.8

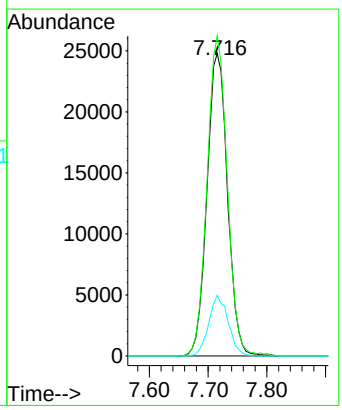


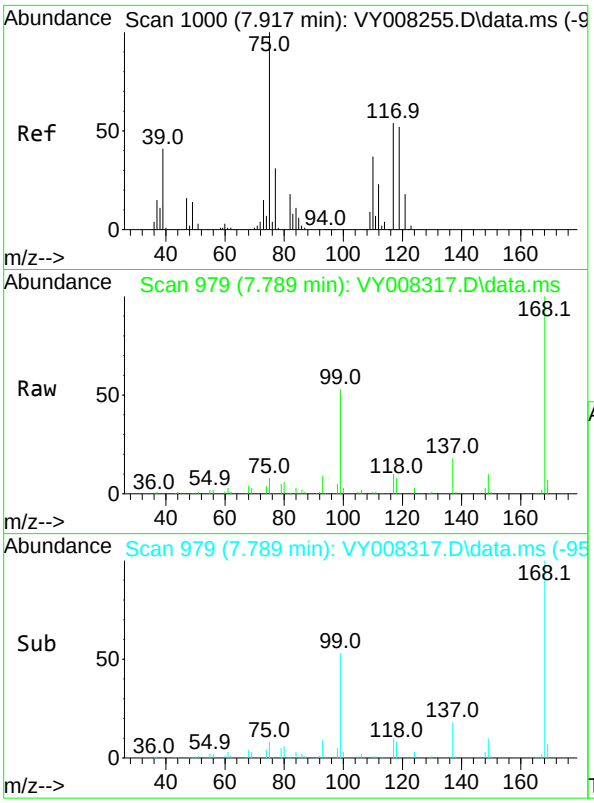


#35
Dibromofluoromethane
Concen: 54.721 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.001 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion:113 Resp: 60072

Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.6	124.0
192	19.0	17.6	26.4



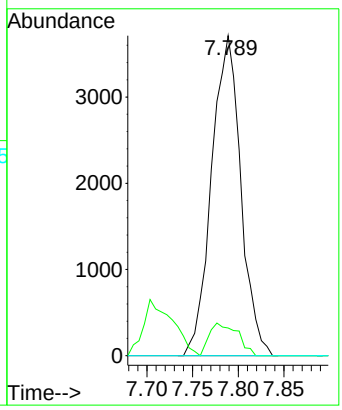


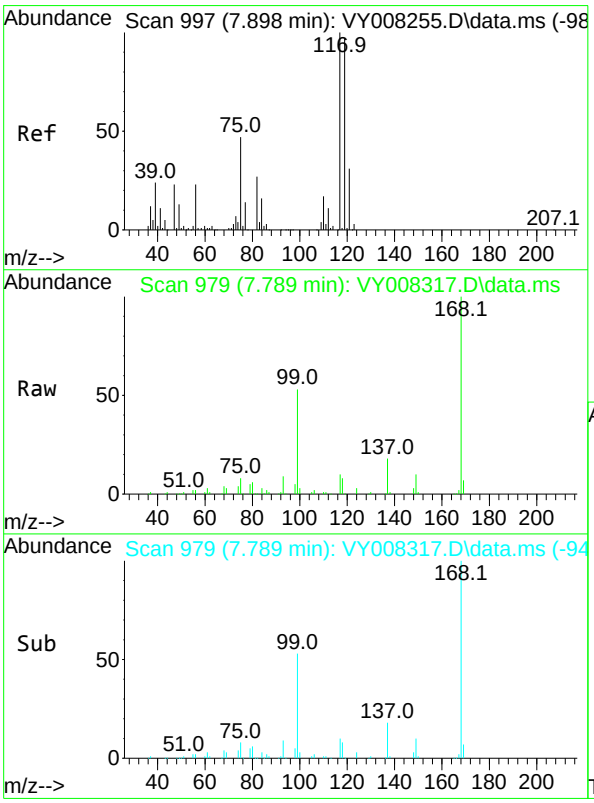
#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.128 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 75 Resp: 8259

Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.2#
77	0.0	24.4	36.6#

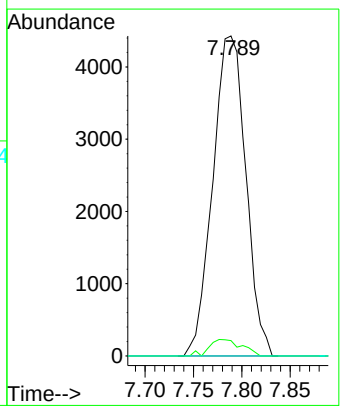


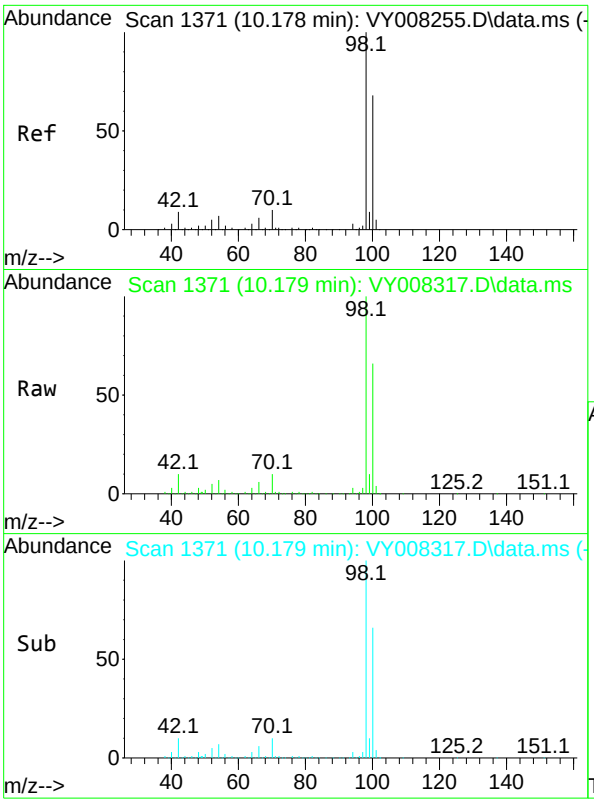


#38
Carbon Tetrachloride
Concen: 5.580 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion:117 Resp: 10523

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.9	116.9#
121	0.0	24.8	37.2#



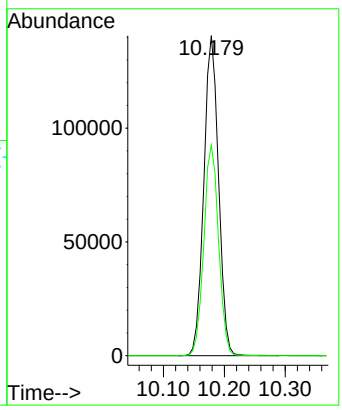


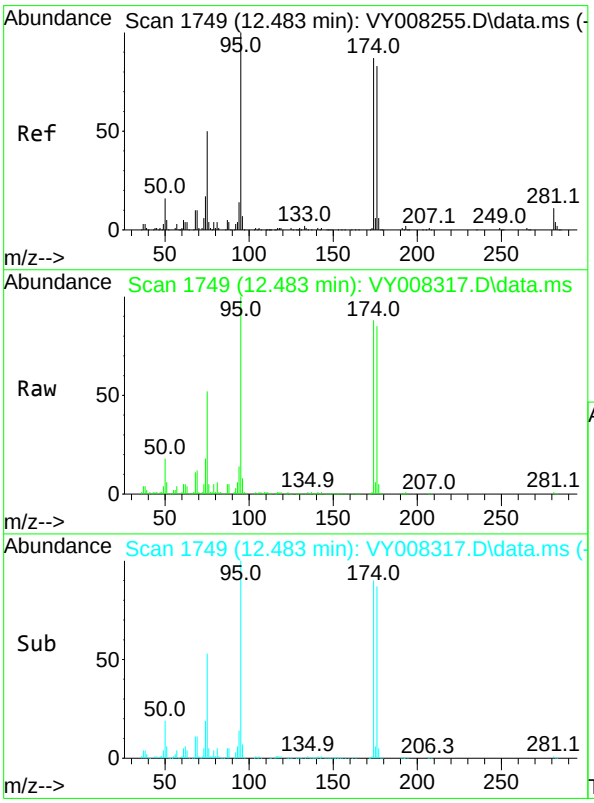
#50
Toluene-d8
Concen: 62.854 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.001 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 236107

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.2	75.2

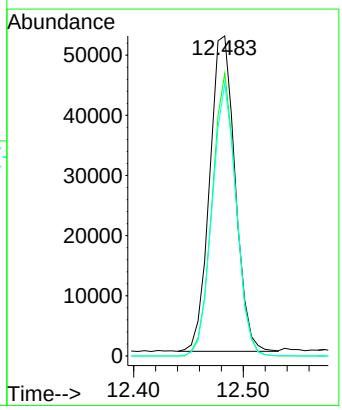


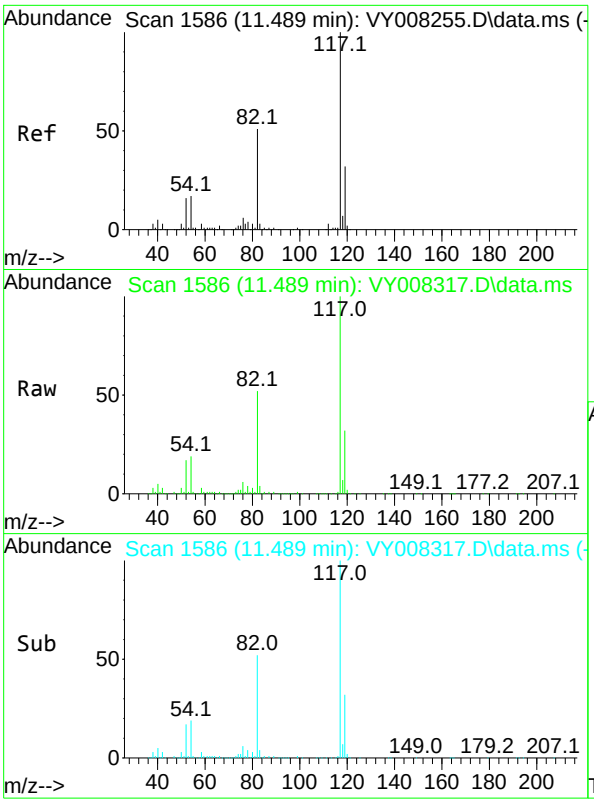


#62
4-Bromofluorobenzene
Concen: 59.888 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion: 95 Resp: 84615

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	177.0
176	81.9	0.0	175.8



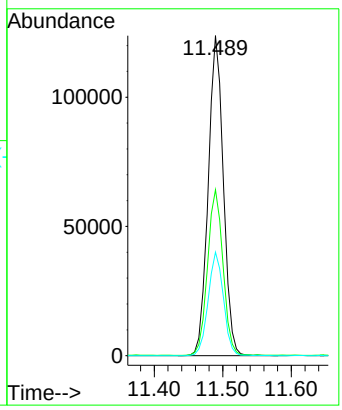


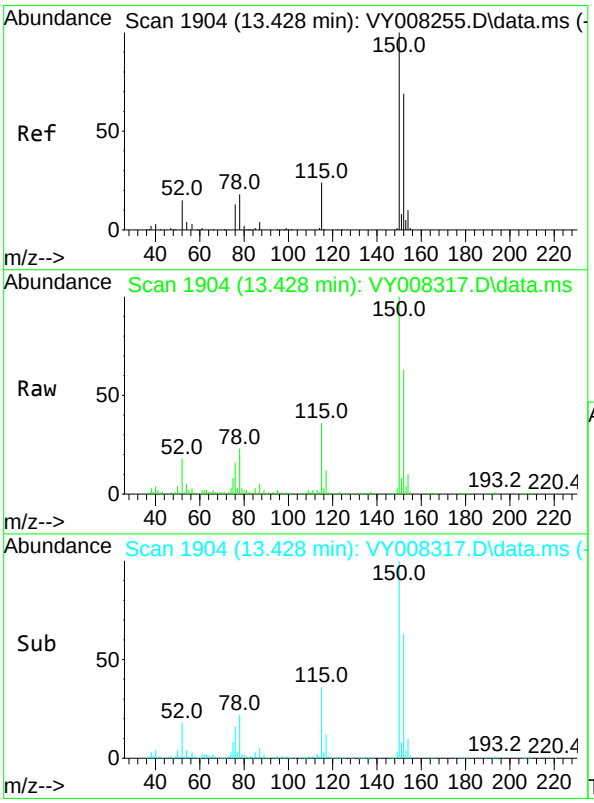
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 190634

Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.0	64.4
119	32.4	25.4	38.0

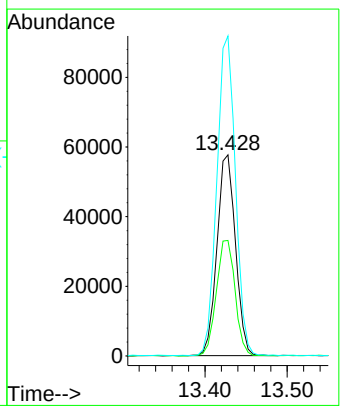


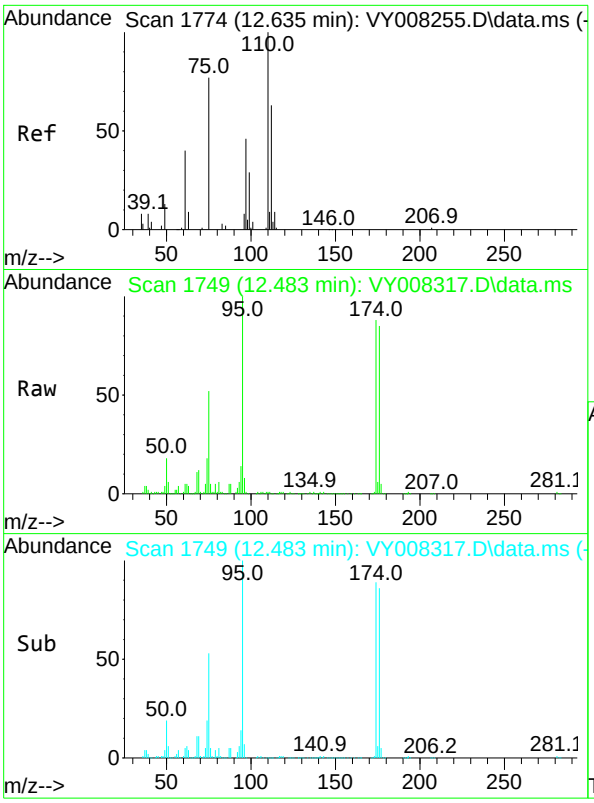


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion:152 Resp: 90286

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.2	84.7
150	159.4	0.0	347.6



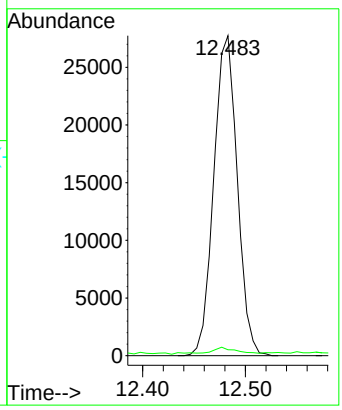


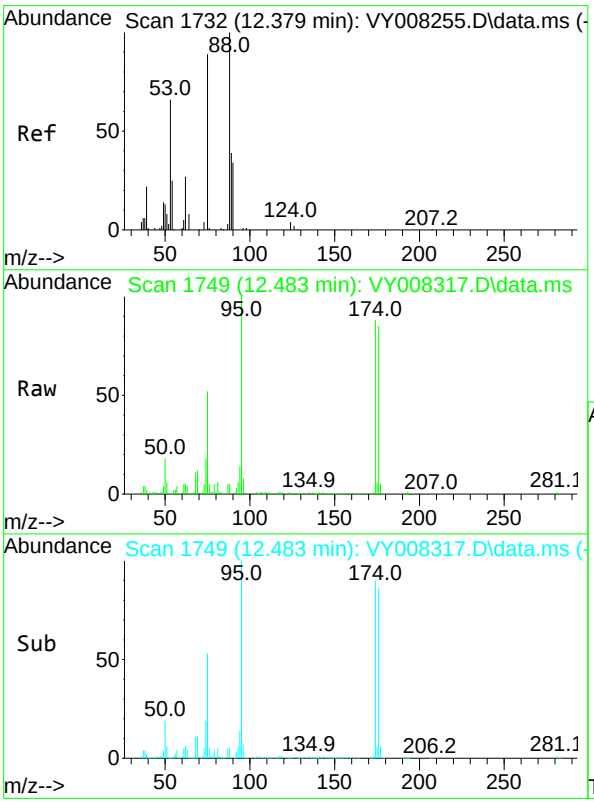
#76
1,2,3-Trichloropropane
Concen: 43.994 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Instrument :
MSVOA_Y
ClientSampleId :
VOC

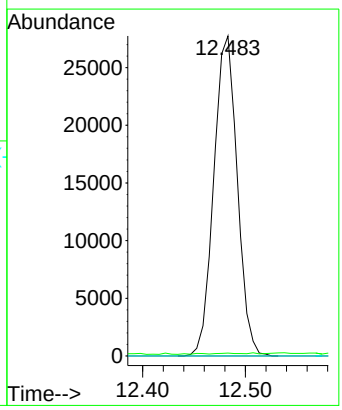
Tgt Ion: 75 Resp: 43930

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 98.436 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008317.D
Acq: 13 Apr 2022 17:00

Tgt Ion: 75 Resp: 43930

Ion	Ratio	Lower	Upper
75	100		
53	0.2	85.3	127.9#
89	0.0	37.0	55.4#