Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
Data File : VY007122.D
Acq On : 11 Jan 2022 18:03
Operator : SY/MD
Sample : N1099-08
Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Quant Time: Jan 12 05:10:07 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	121384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	215733	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	81202	55.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.840%			
35) Dibromofluoromethane	7.722	113	75705	49.725	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.460%			
50) Toluene-d8	10.185	98	279559	49.712	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.420%			
62) 4-Bromofluorobenzene	12.483	95	103868	51.212	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.420%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	155	1.339	ug/l #	73
16) Acetone	3.948	43	10332	37.922	ug/l	92
20) Methylene Chloride	4.722	84	889	Below Cal		89
31) Cyclohexane	7.795	56	2877	1.151	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10530	4.365	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13336	5.291	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1340	1.187	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	55483	51.028	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55483	95.845	ug/l #	3

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

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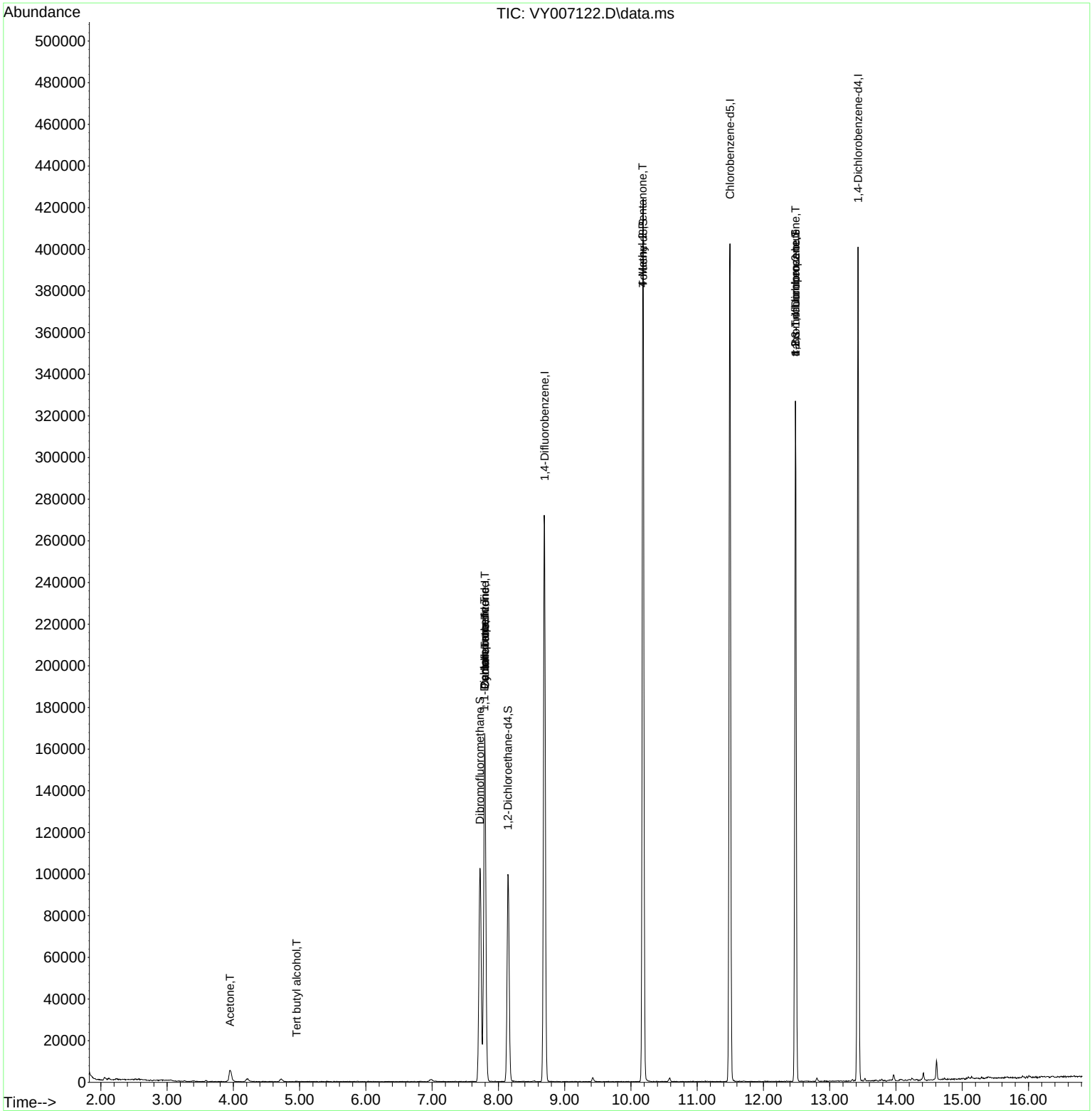
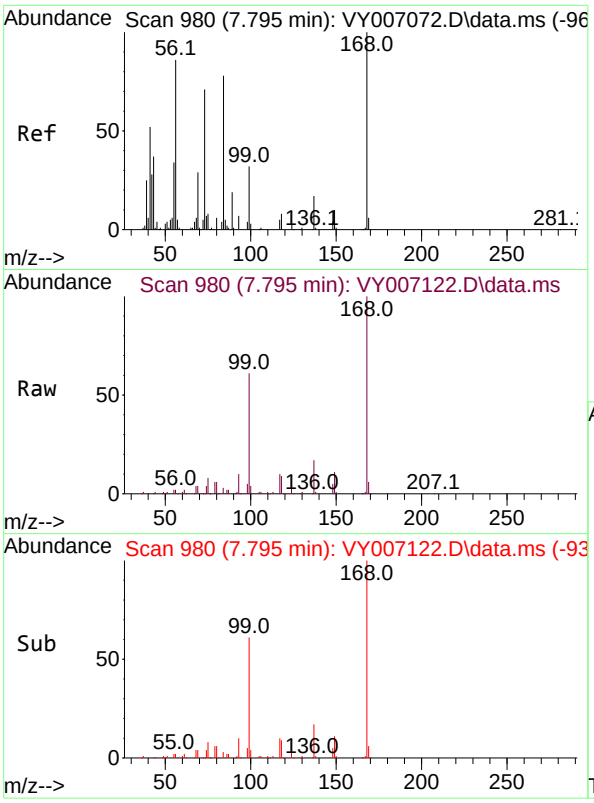


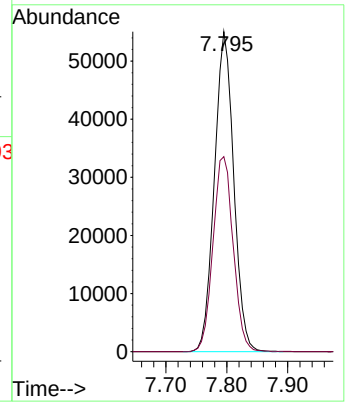


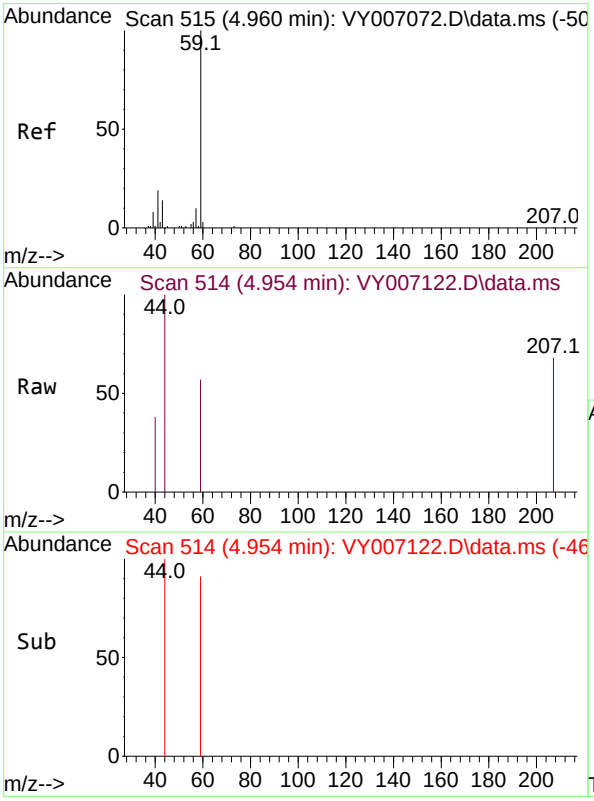
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion:168 Resp: 121384

Ion	Ratio	Lower	Upper
168	100		
99	61.0	49.1	73.7

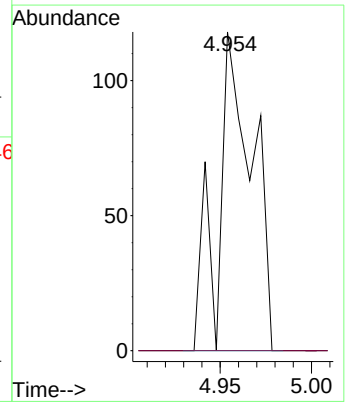


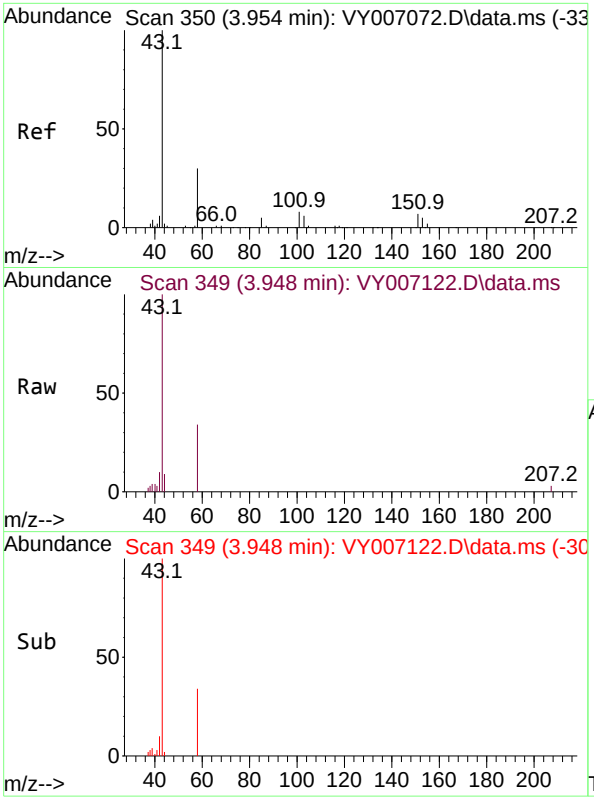


#11
Tert butyl alcohol
Concen: 1.339 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion: 59 Resp: 155

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



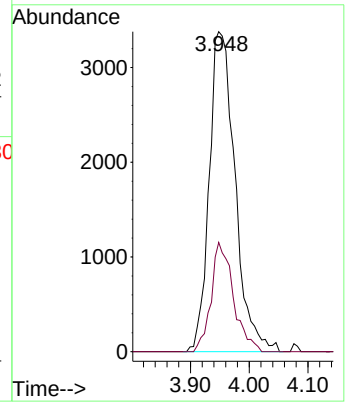


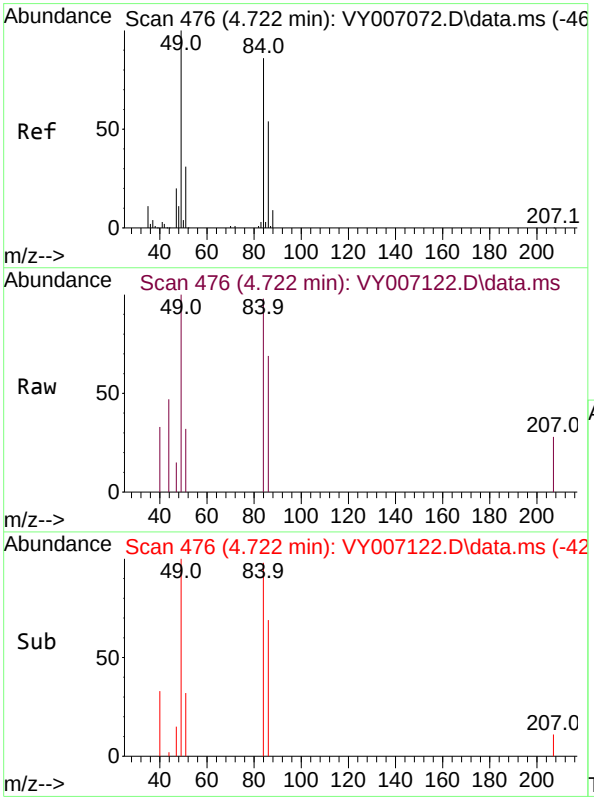
#16
Acetone
Concen: 37.922 ug/l
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 43 Resp: 10332

Ion	Ratio	Lower	Upper
43	100		
58	34.2	23.8	35.6

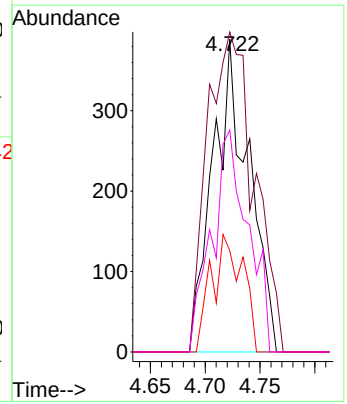


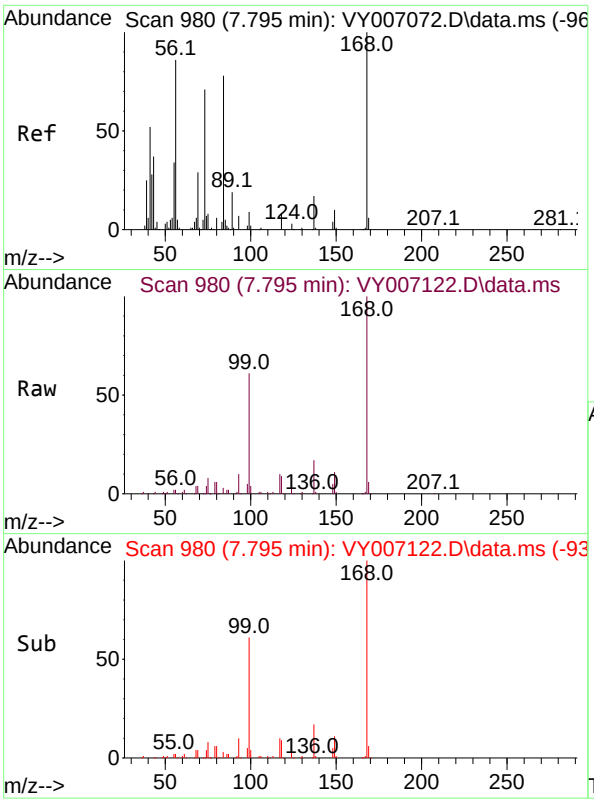


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion: 84 Resp: 889

Ion	Ratio	Lower	Upper
84	100		
49	102.3	92.6	139.0
51	32.4	28.6	42.8
86	71.0	50.1	75.1



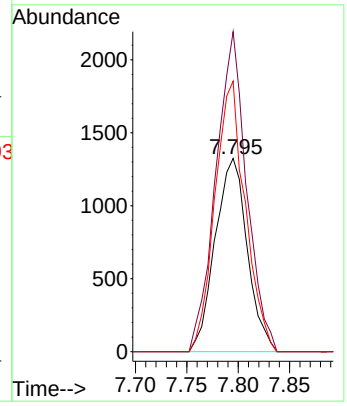


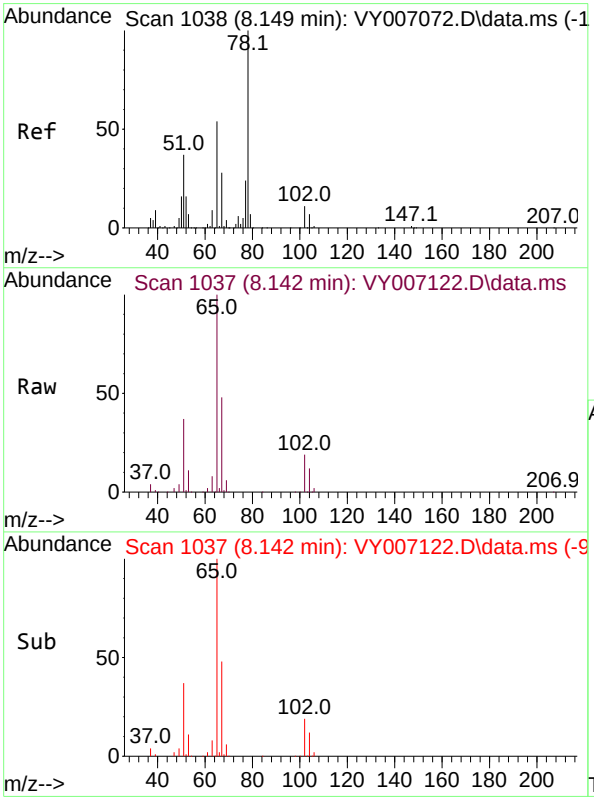
#31
Cyclohexane
Concen: 1.151 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 56 Resp: 2877

Ion	Ratio	Lower	Upper
56	100		
69	165.6	27.2	40.8#
84	140.0	72.1	108.1#

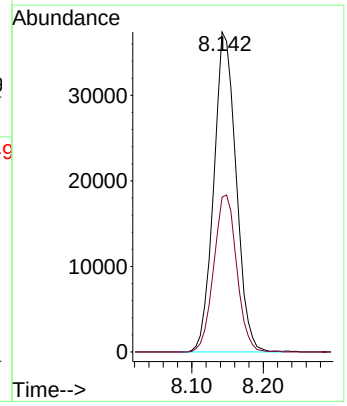


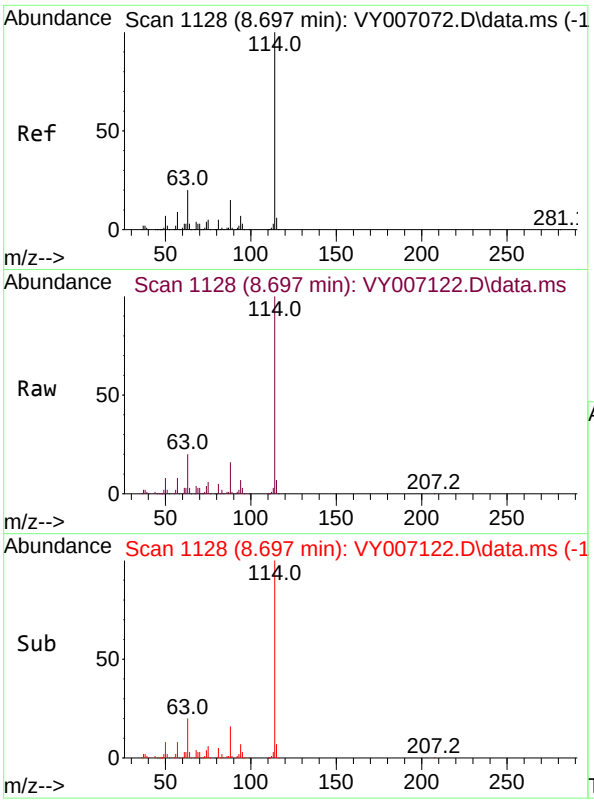


#33
1,2-Dichloroethane-d4
Concen: 55.918 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion: 65 Resp: 81202

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	105.6



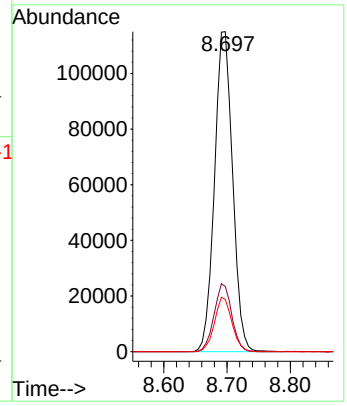


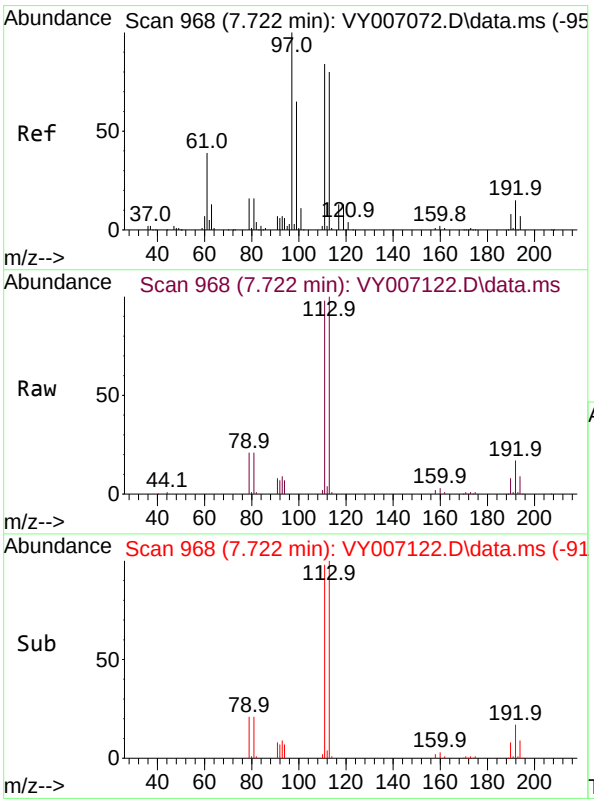
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion:114 Resp: 228434

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	39.2
88	16.3	0.0	31.0

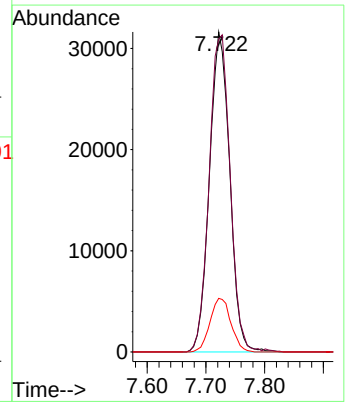


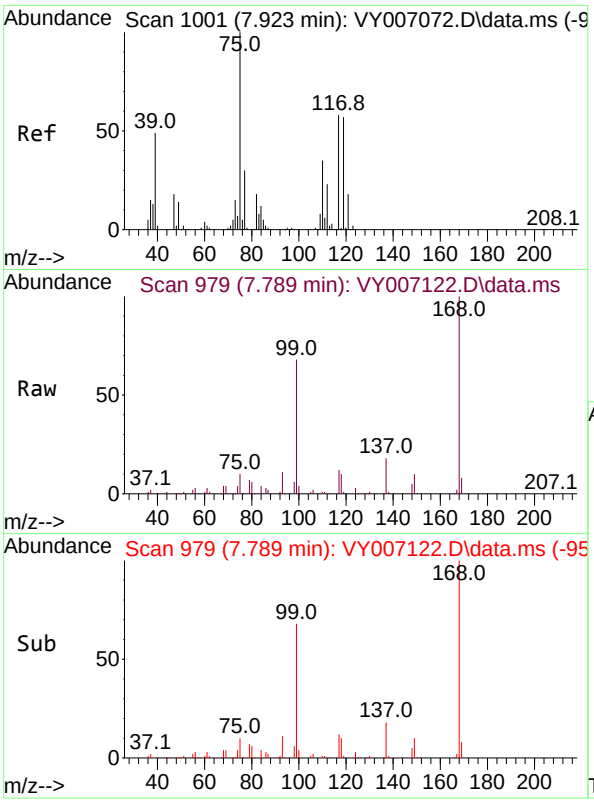


#35
Dibromofluoromethane
Concen: 49.725 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion:113 Resp: 75705

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.4
192	17.3	14.2	21.4



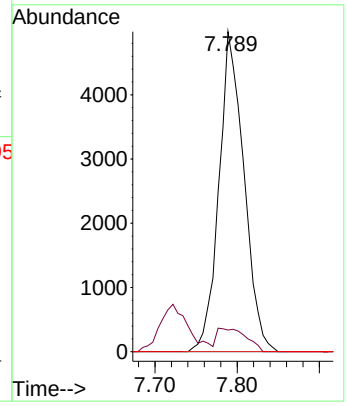


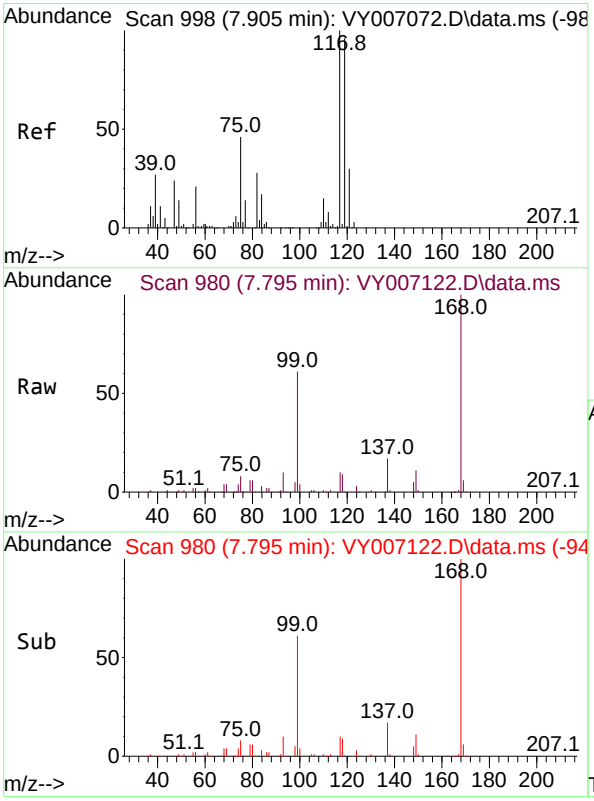
#36
1,1-Dichloropropene
Concen: 4.365 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 75 Resp: 10530

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.3	51.9#
77	0.0	24.7	37.1#

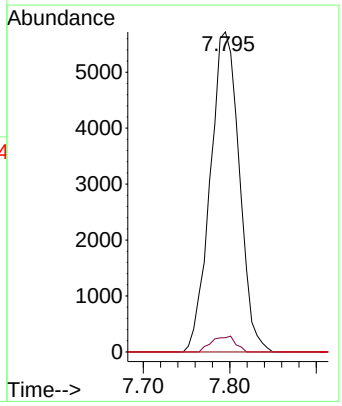


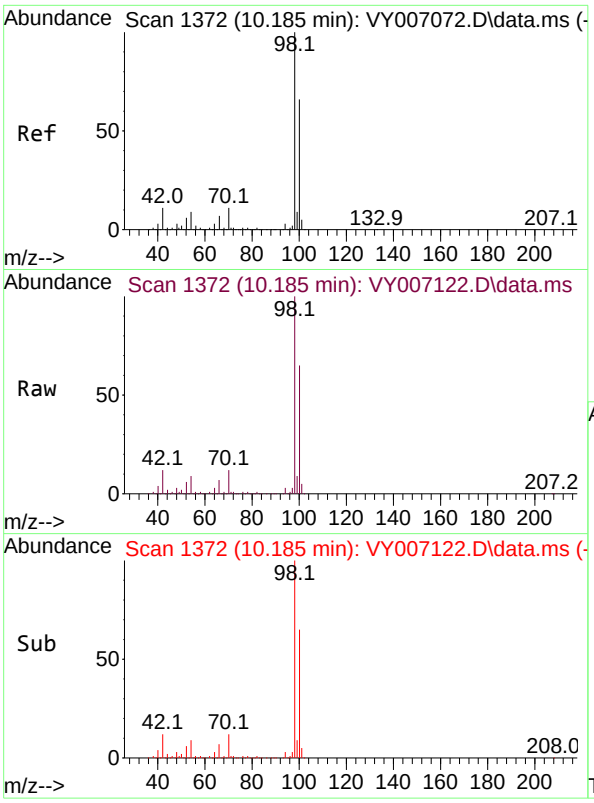


#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion:117 Resp: 13336

Ion	Ratio	Lower	Upper
117	100		
119	4.4	77.2	115.8#
121	0.0	24.2	36.2#



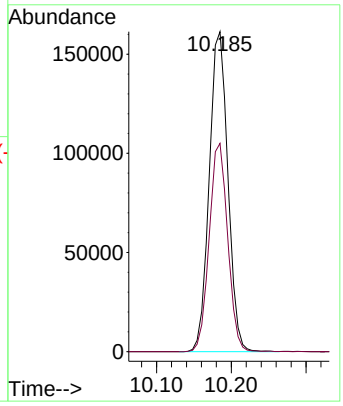


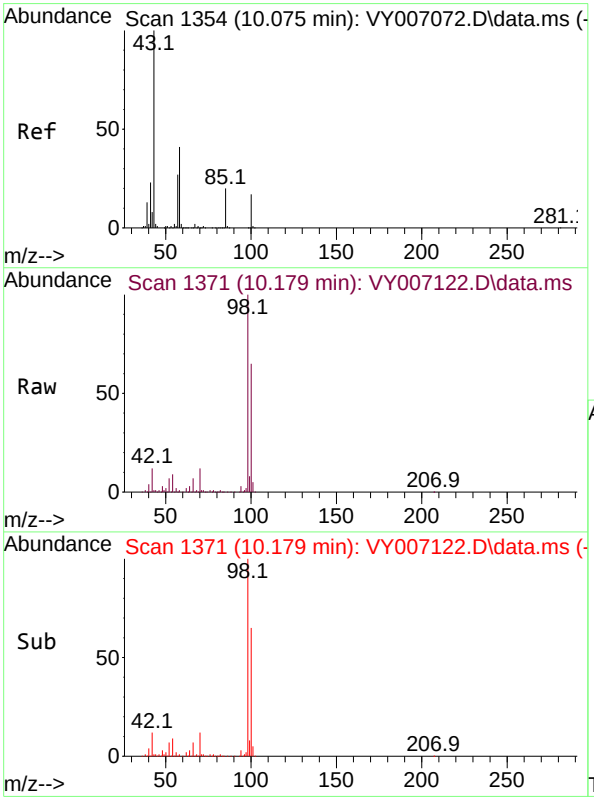
#50
Toluene-d8
Concen: 49.712 ug/l
RT: 10.185 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 98 Resp: 279559

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2

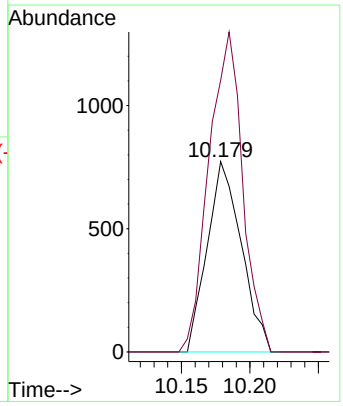


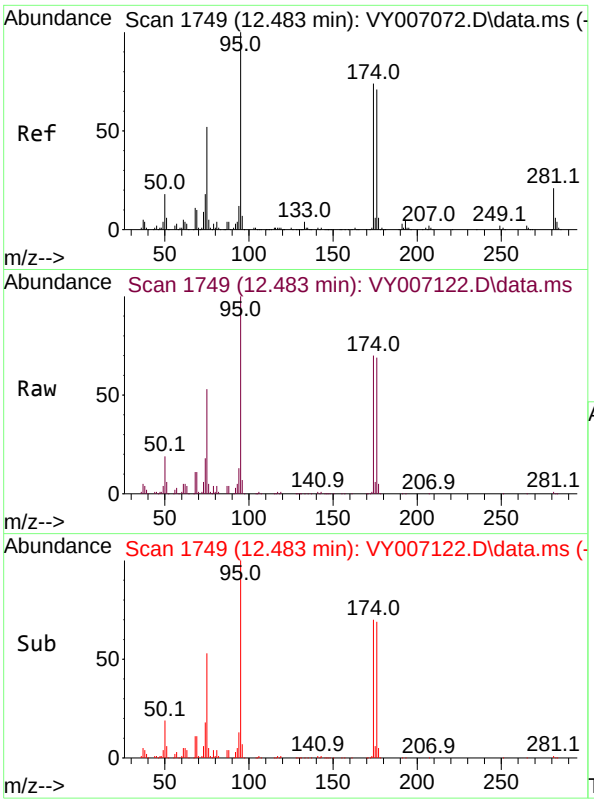


#51
4-Methyl-2-Pentanone
Concen: 1.187 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion: 43 Resp: 1340

Ion	Ratio	Lower	Upper
43	100		
58	166.4	32.8	49.2#



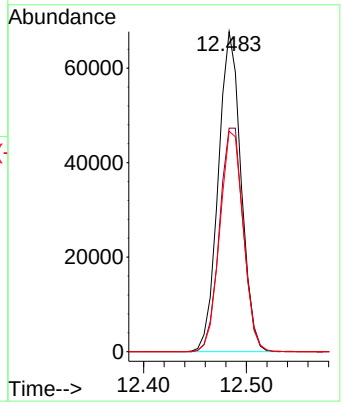


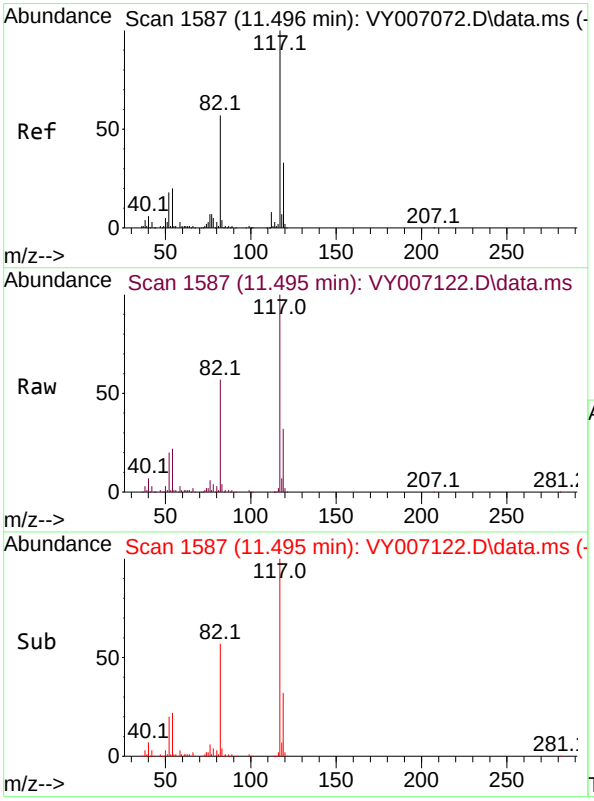
#62
4-Bromofluorobenzene
Concen: 51.212 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 95 Resp: 103868

Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	148.4
176	71.3	0.0	146.6

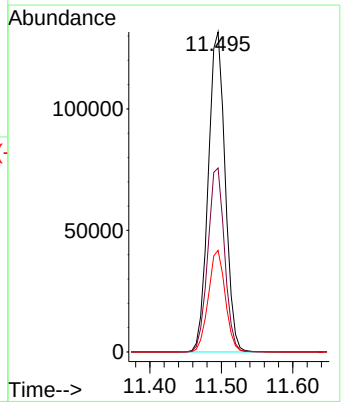


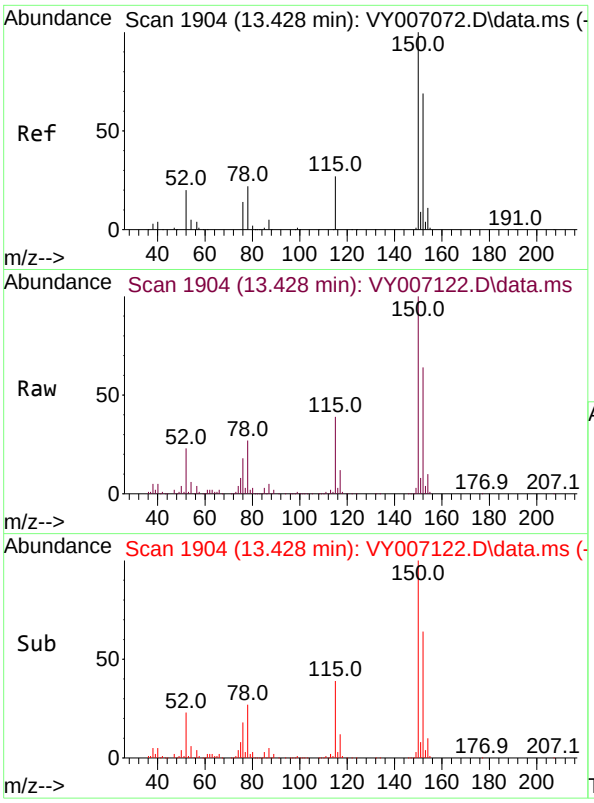


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion:117 Resp: 215733

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.4	68.0
119	31.7	26.4	39.6



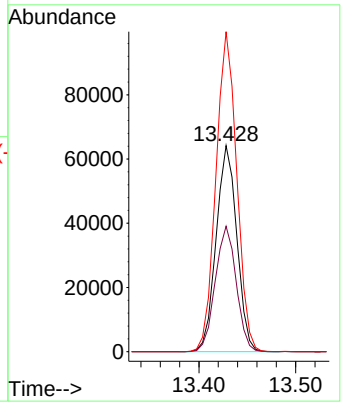


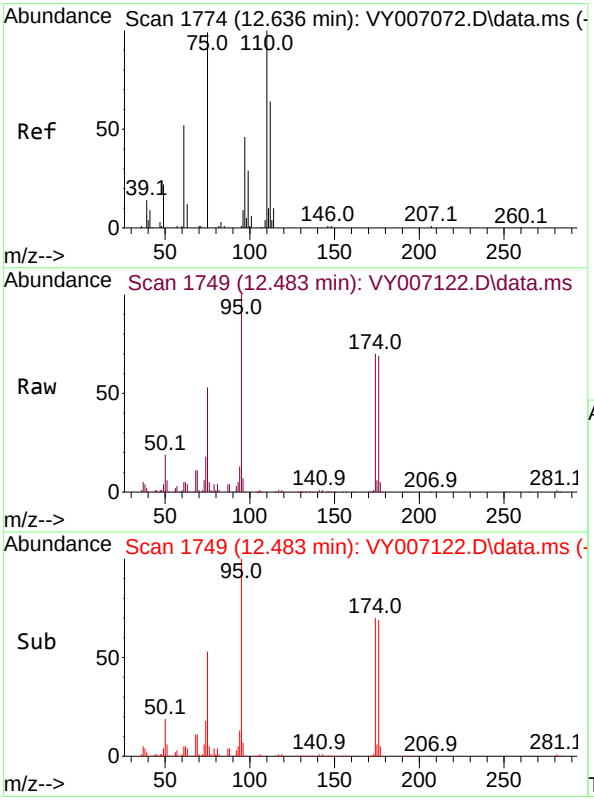
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion:152 Resp: 95269

Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.4	94.0
150	156.2	0.0	348.4

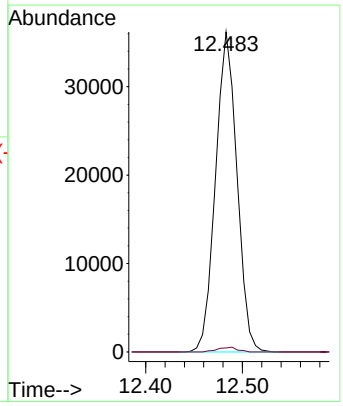


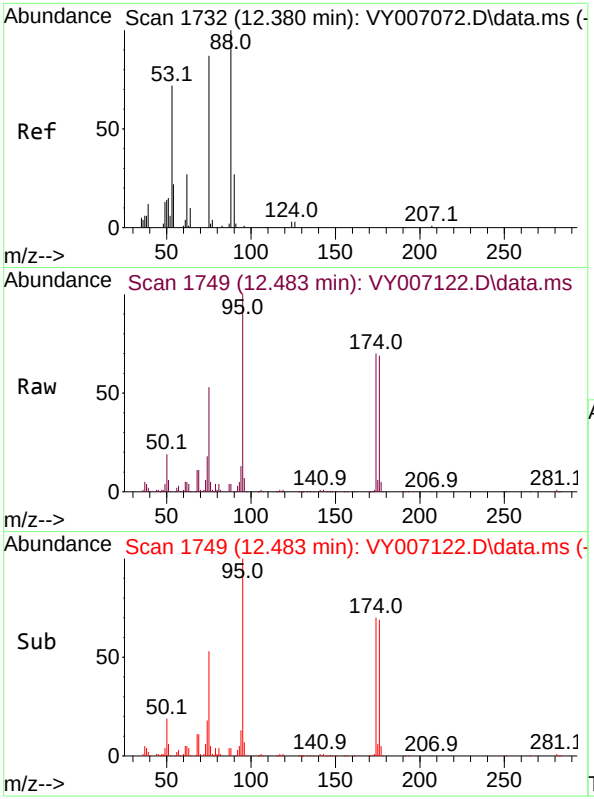


#76
1,2,3-Trichloropropane
Concen: 51.028 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Tgt Ion: 75 Resp: 55483

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.845 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.104 min
Lab File: VY007122.D
Acq: 11 Jan 2022 18:03

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-08

Tgt Ion: 75 Resp: 55483

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.1	0.0	0.0#