Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
Data File : VY005797.D
Acq On : 20 Aug 2021 16:51
Operator : SY/MD
Sample : M3465-01
Misc : 5.14G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CON-A

Quant Time: Aug 23 01:08:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	179847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	323278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	111997	61.520	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.040%			
35) Dibromofluoromethane	7.728	113	71313	41.167	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 82.340%			
50) Toluene-d8	10.184	98	399040	54.926	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.860%			
62) 4-Bromofluorobenzene	12.483	95	144281	59.972	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 119.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	382	2.123	ug/l #	73
16) Acetone	3.960	43	19458	42.393	ug/l	98
20) Methylene Chloride	4.722	84	19415	5.243	ug/l	93
25) 2-Butanone	7.002	43	4598	6.777	ug/l	93
31) Cyclohexane	7.795	56	3429	1.098	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	12844	4.426	ug/l #	48
37) Ethyl Acetate	7.002	43	4598	2.615	ug/l #	70
38) Carbon Tetrachloride	7.795	117	16559	5.250	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79478	45.305	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79478	91.328	ug/l #	11

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

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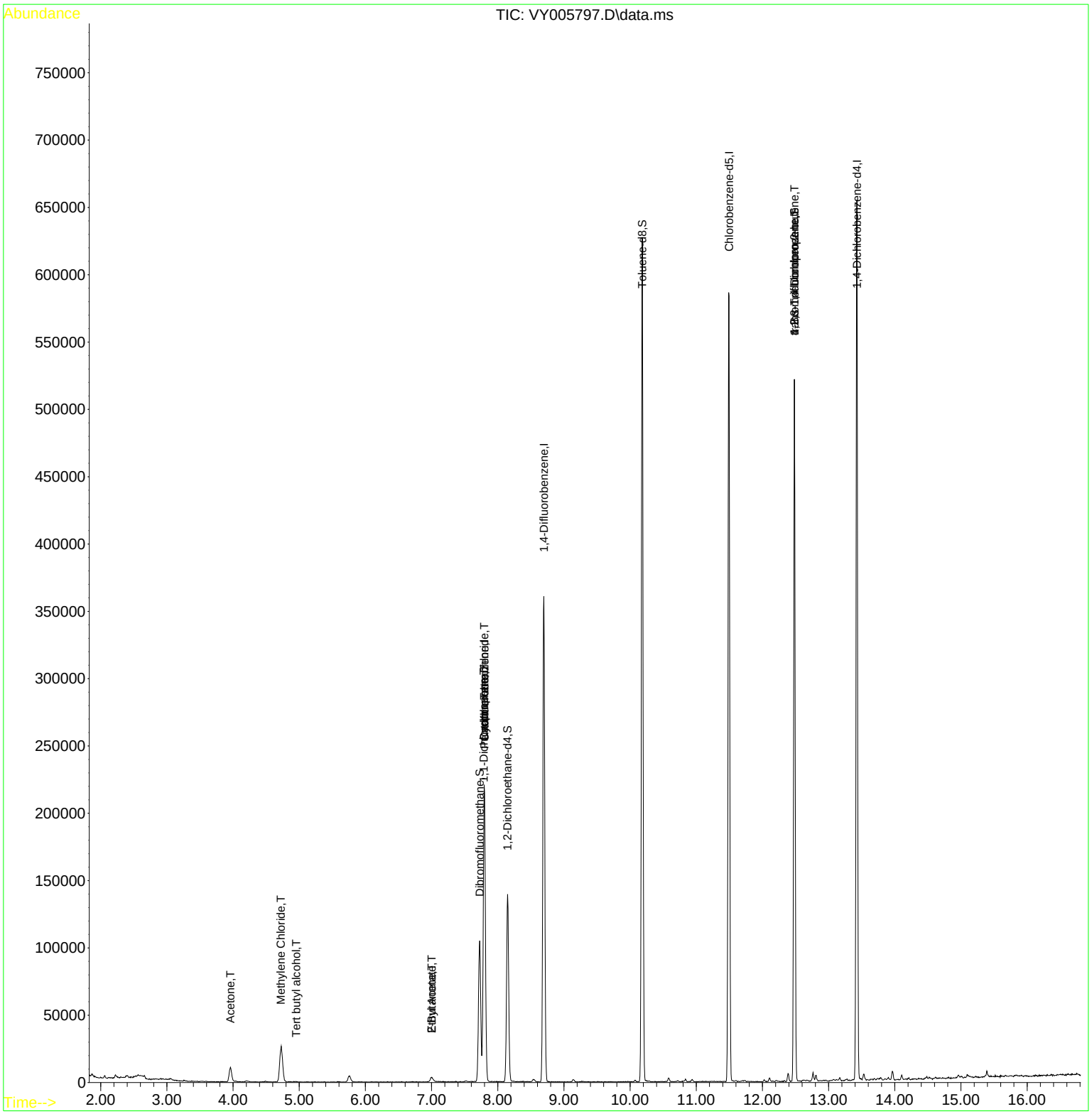
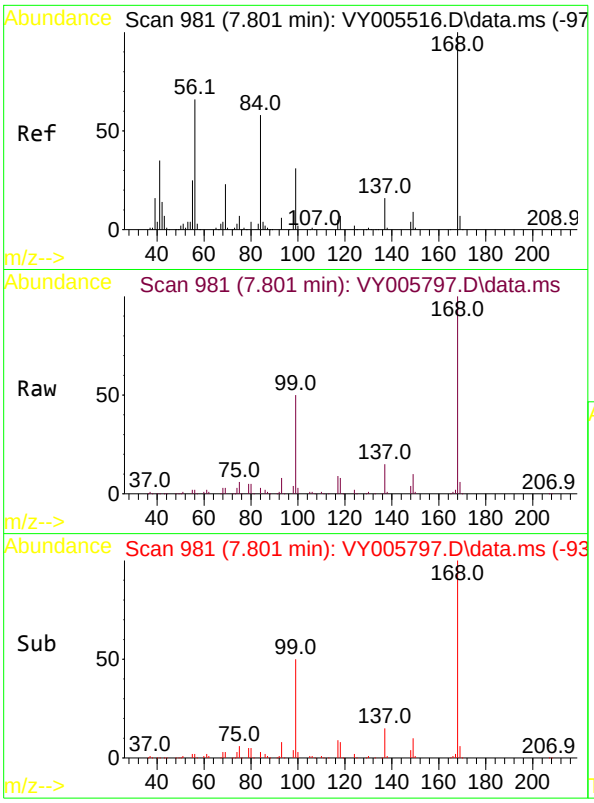
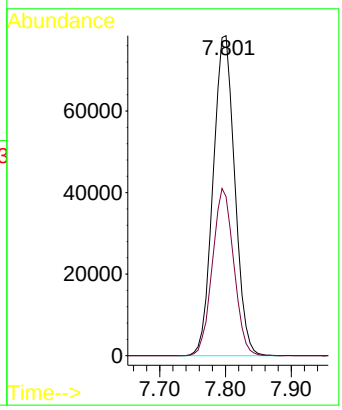




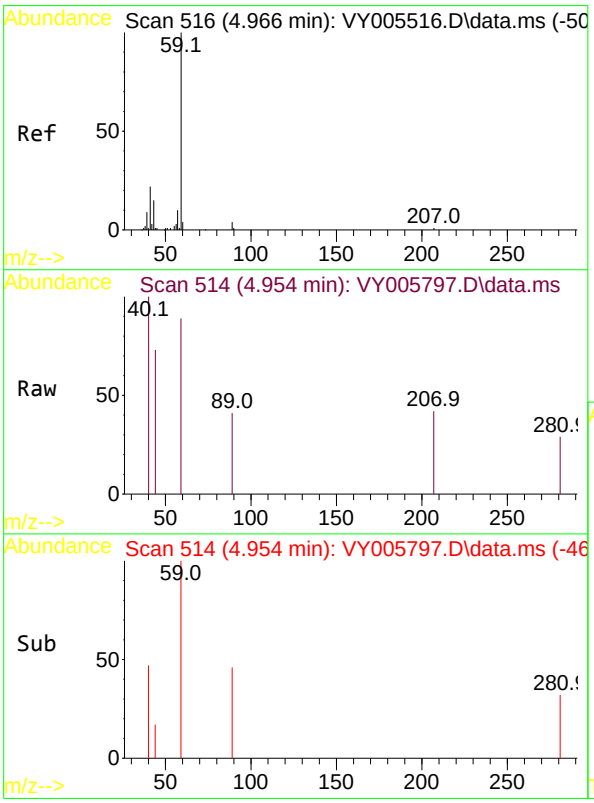
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:168 Resp: 179847

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.9	58.3



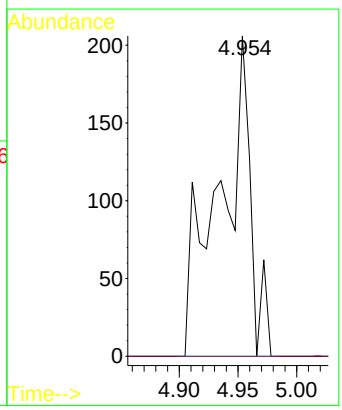
Instrument :
MSVOA_Y
ClientSampleId :
CON-A

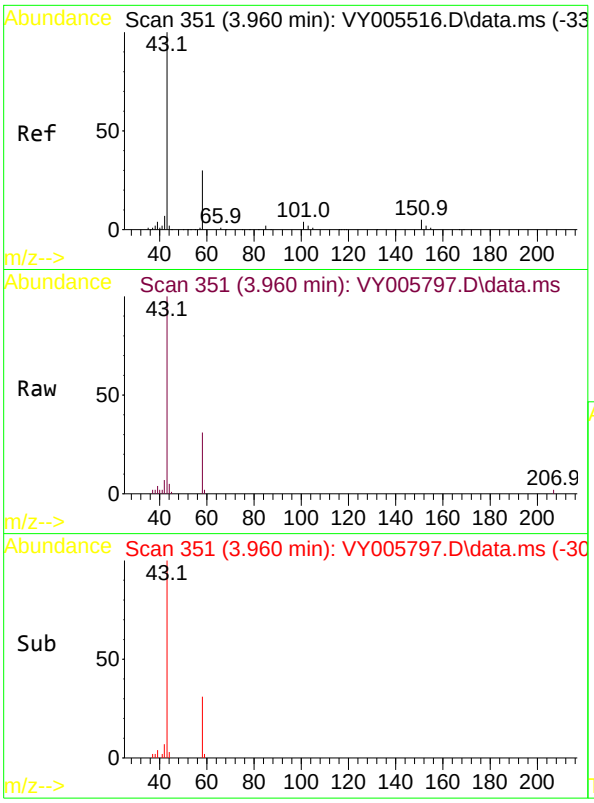


#11
Tert butyl alcohol
Concen: 2.123 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.013 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 59 Resp: 382

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#

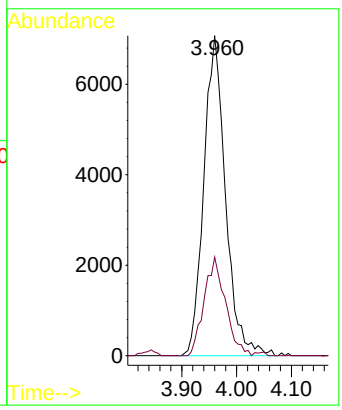




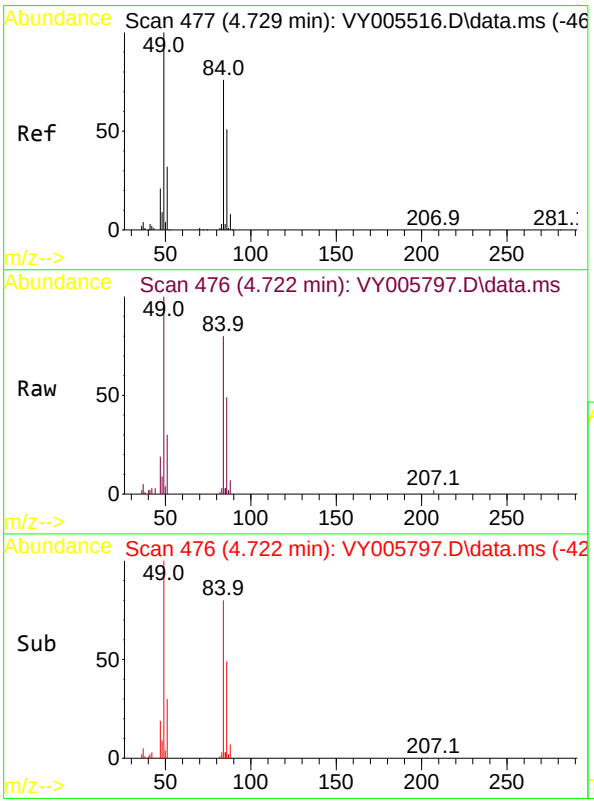
#16
Acetone
Concen: 42.393 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 43 Resp: 19458

Ion	Ratio	Lower	Upper
43	100		
58	30.8	23.8	35.6



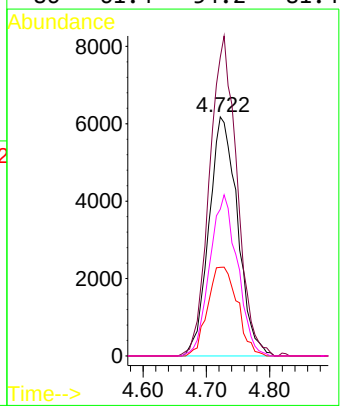
Instrument :
MSVOA_Y
ClientSampleId :
CON-A



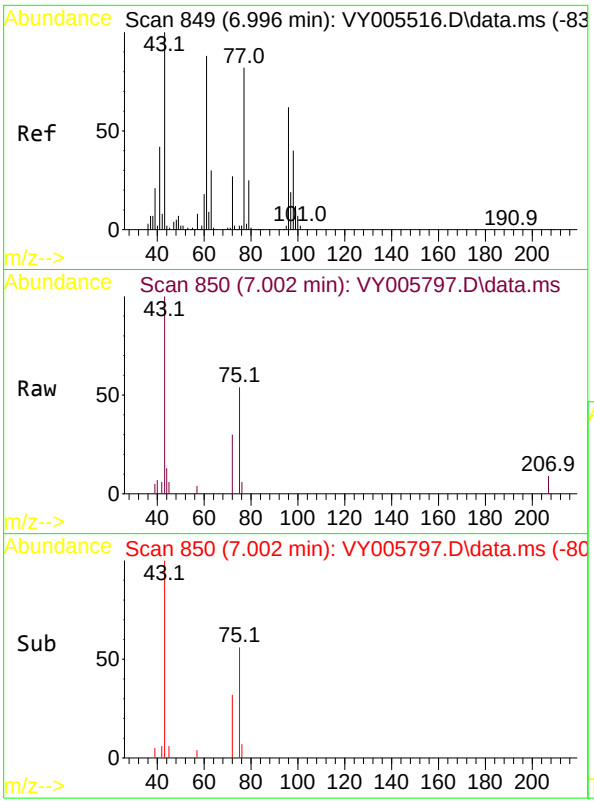
#20
Methylene Chloride
Concen: 5.243 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 84 Resp: 19415

Ion	Ratio	Lower	Upper
84	100		
49	124.9	105.8	158.6
51	37.1	33.4	50.2
86	61.4	54.2	81.4



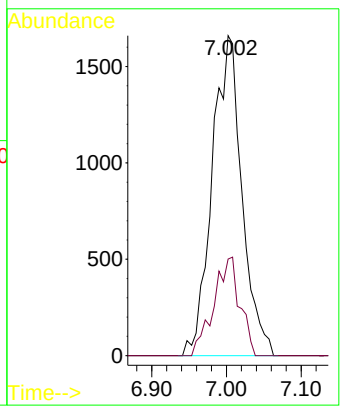
Instrument :
MSVOA_Y
ClientSampleId :
CON-A

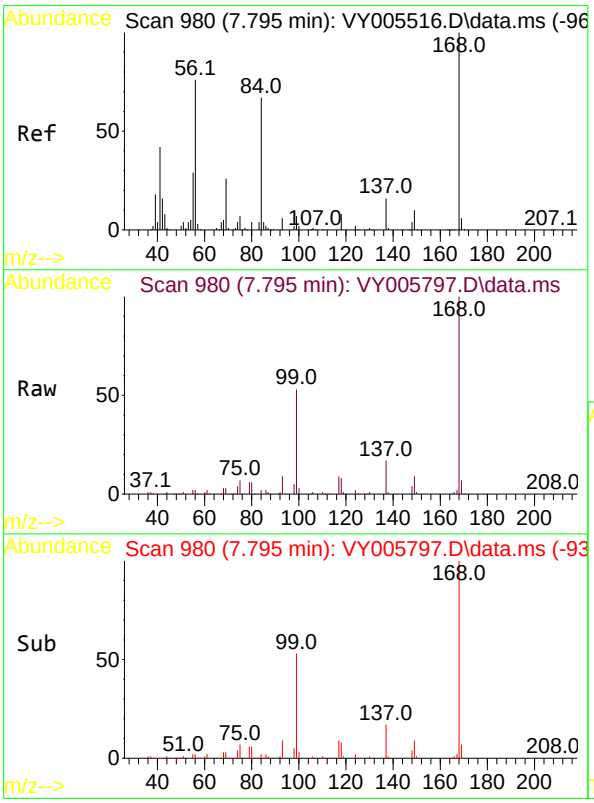


#25
2-Butanone
Concen: 6.777 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 43 Resp: 4598

Ion	Ratio	Lower	Upper
43	100		
72	30.2	21.4	32.2

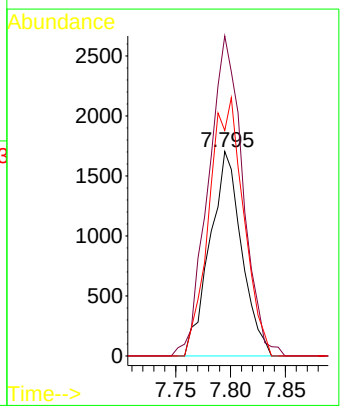




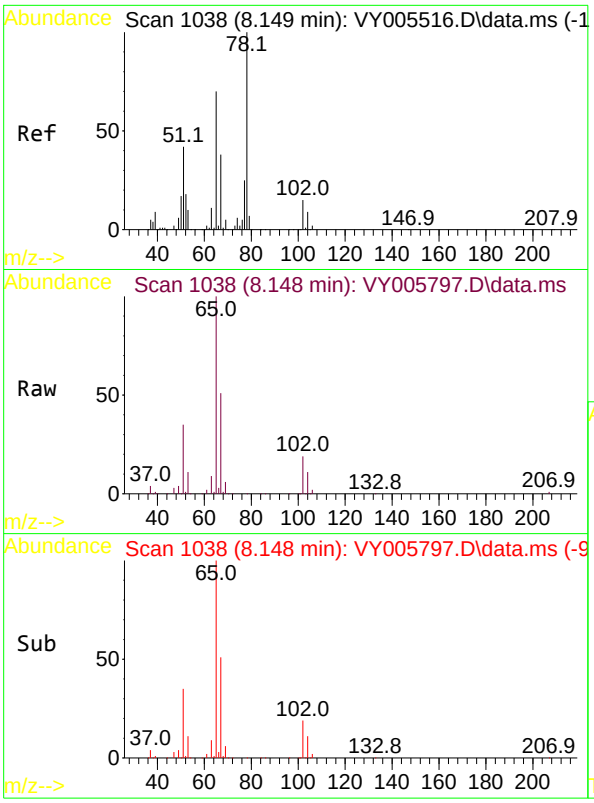
#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 56 Resp: 3429

Ion	Ratio	Lower	Upper
56	100		
69	152.6	27.7	41.5#
84	110.3	70.9	106.3#



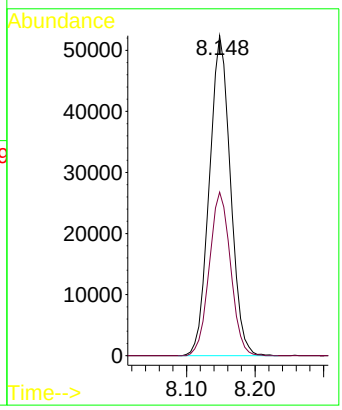
Instrument :
MSVOA_Y
ClientSampleId :
CON-A

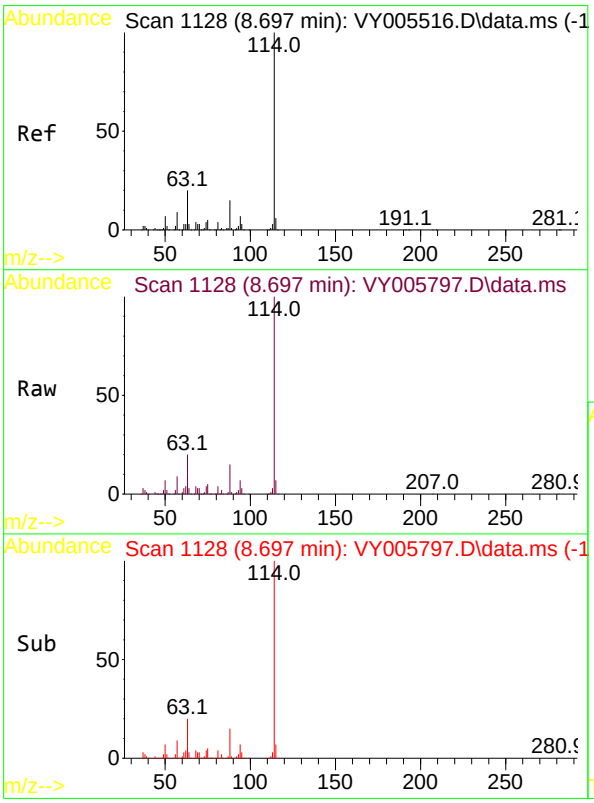


#33
1,2-Dichloroethane-d4
Concen: 61.520 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 65 Resp: 111997

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.4

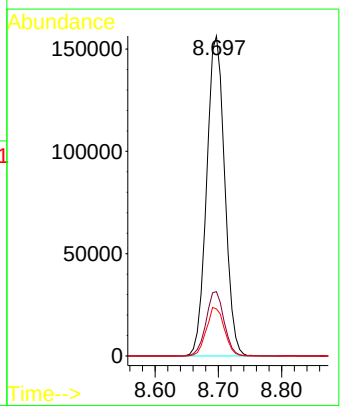




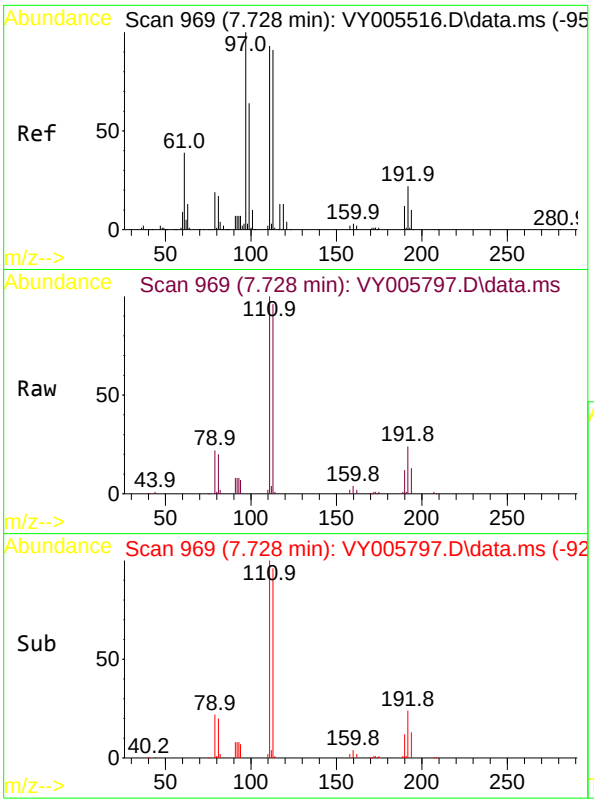
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:114 Resp: 309404

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	14.7	0.0	30.8



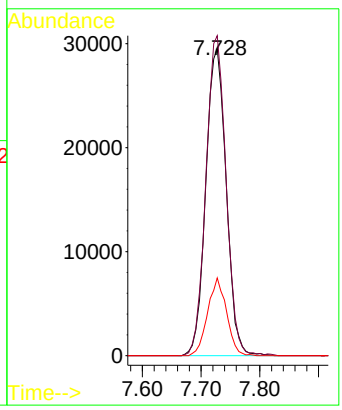
Instrument :
MSVOA_Y
ClientSampleId :
CON-A

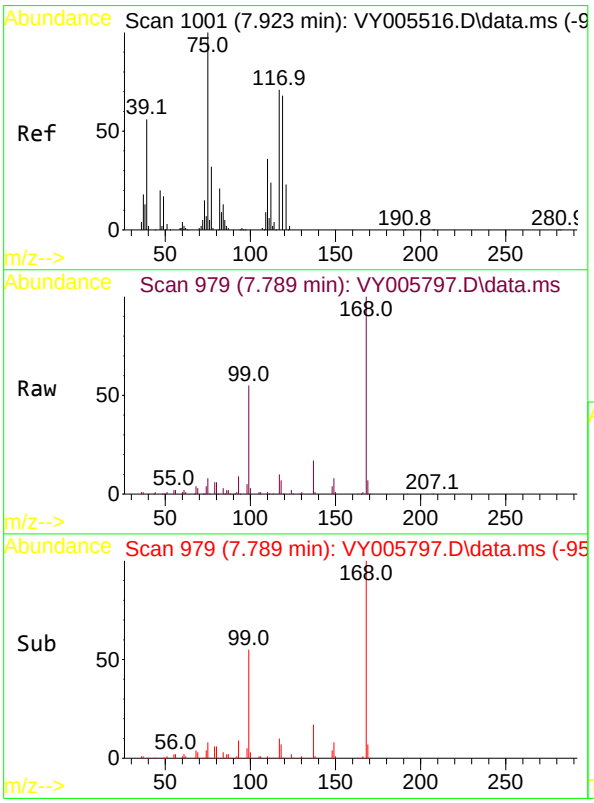


#35
Dibromofluoromethane
Concen: 41.167 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:113 Resp: 71313

Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.9	122.9
192	23.4	19.2	28.8

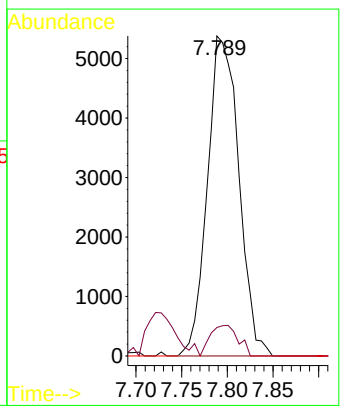




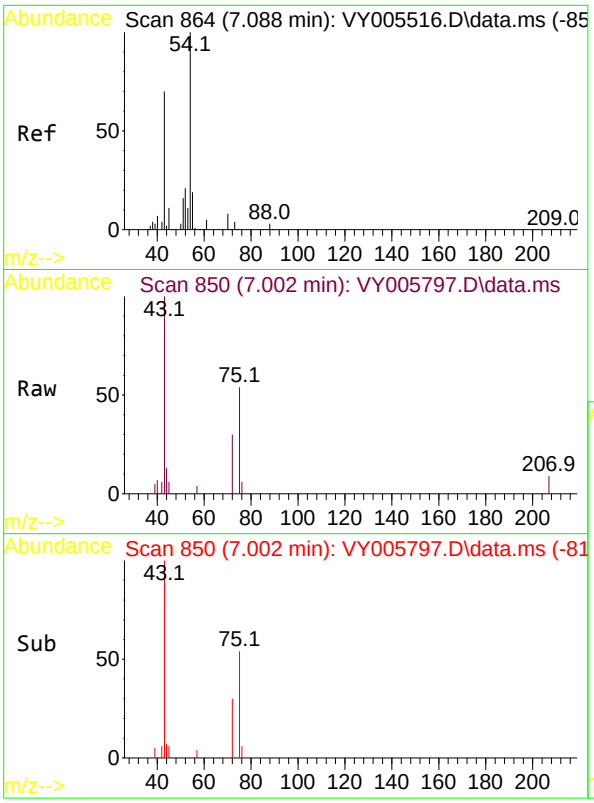
#36
1,1-Dichloropropene
Concen: 4.426 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.135 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 75 Resp: 12844

Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.0	25.1	37.7#



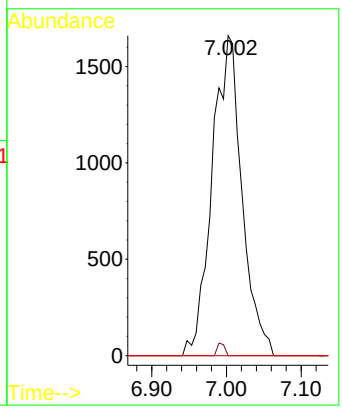
Instrument :
MSVOA_Y
ClientSampleId :
CON-A

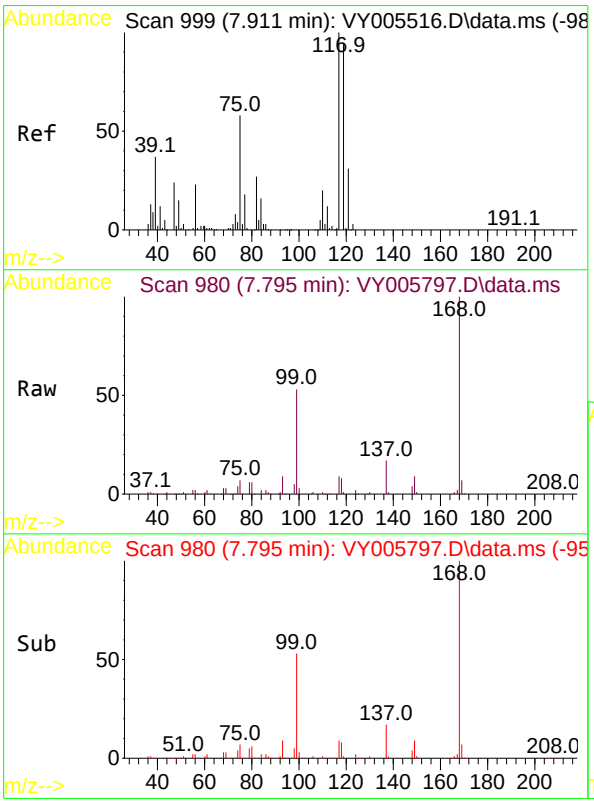


#37
Ethyl Acetate
Concen: 2.615 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.086 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 43 Resp: 4598

Ion	Ratio	Lower	Upper
43	100		
61	1.0	10.6	15.8#
70	0.0	8.6	13.0#

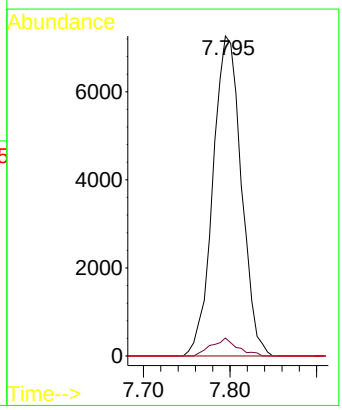




#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:117 Resp: 16559

Ion	Ratio	Lower	Upper
117	100		
119	5.6	75.4	113.0#
121	0.0	25.1	37.7#



Instrument :
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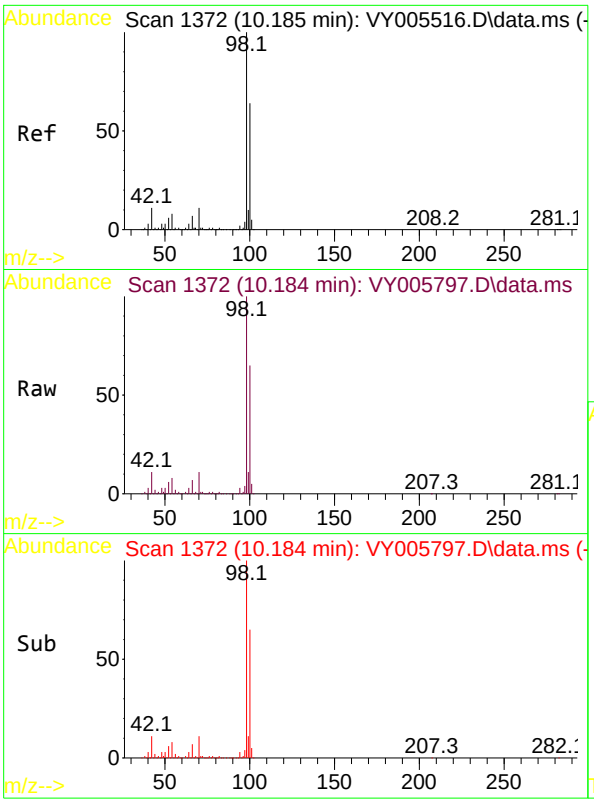
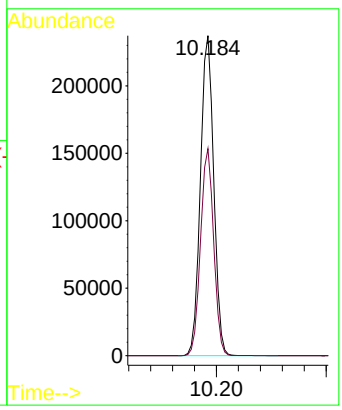
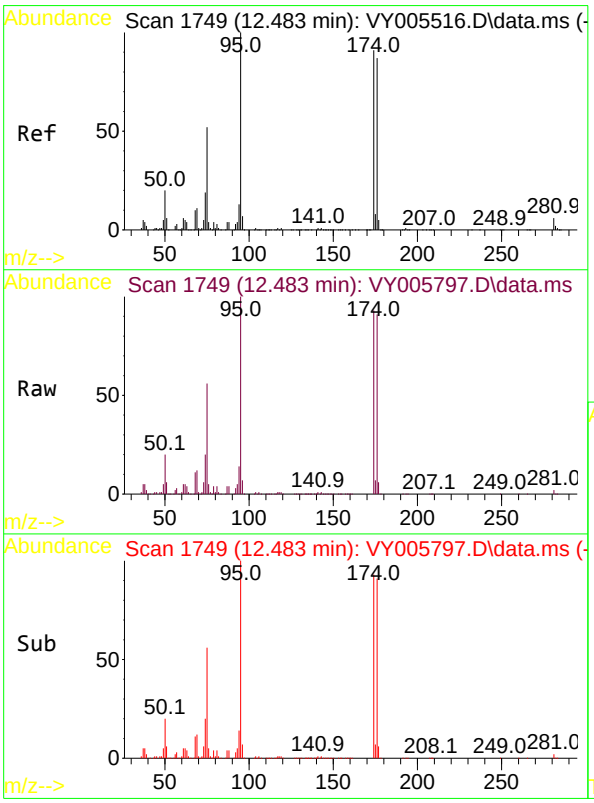


#50
Toluene-d8
Concen: 54.926 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 98 Resp: 399040

Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.3	76.9

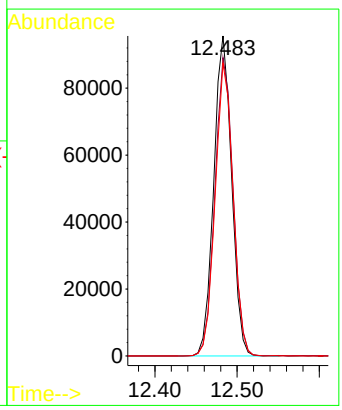




#62
4-Bromofluorobenzene
Concen: 59.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 95 Resp: 144281

Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	191.4
176	91.5	0.0	183.6



Instrument :
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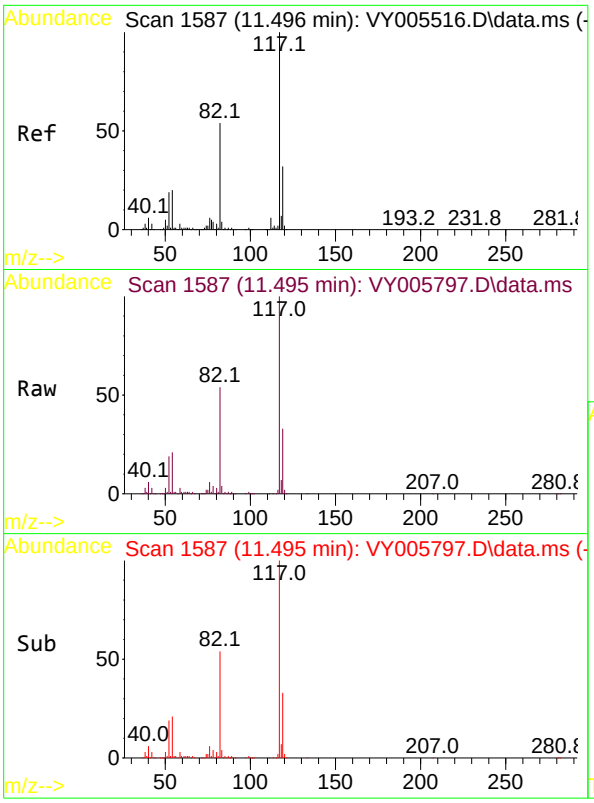
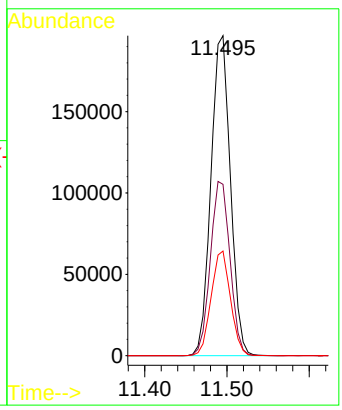
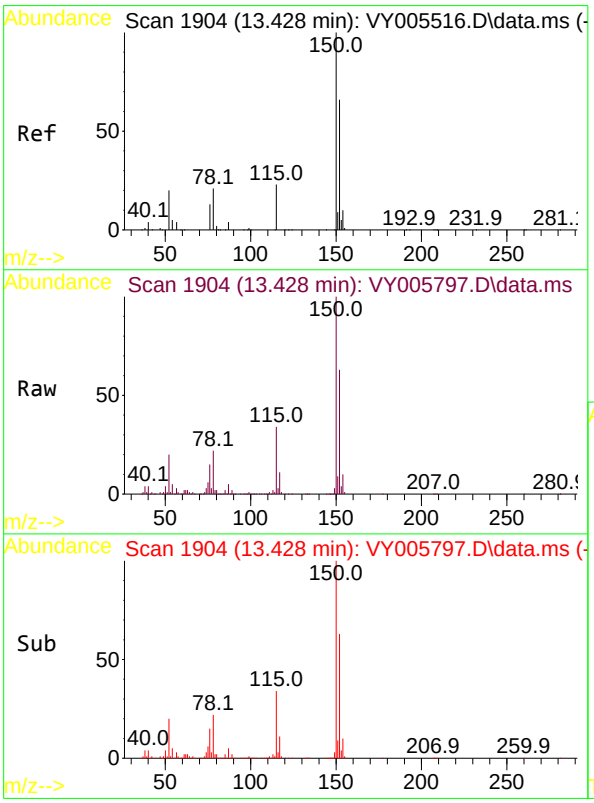


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:117 Resp: 323278

Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.5	65.3
119	32.7	25.5	38.3

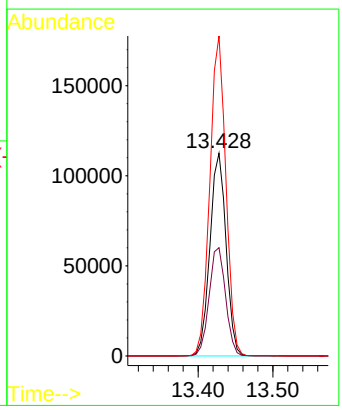




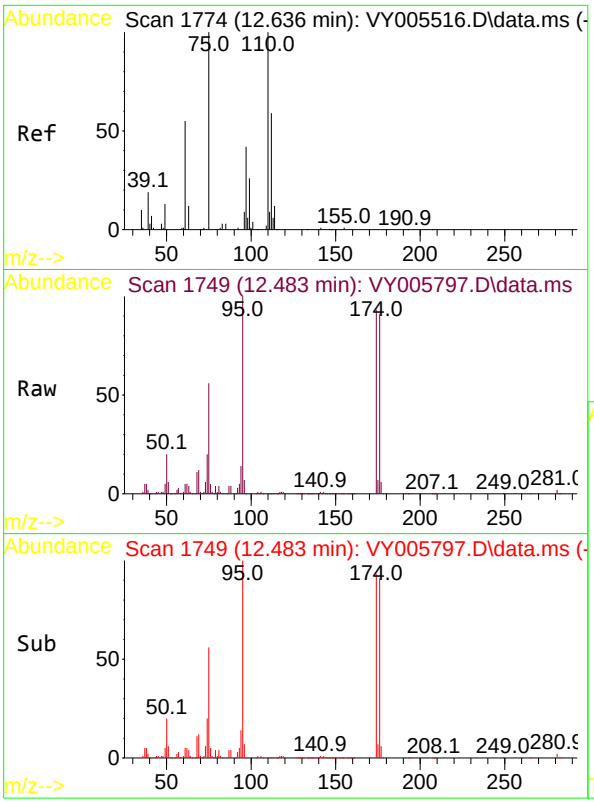
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion:152 Resp: 169287

Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.3	81.9
150	156.5	0.0	350.2



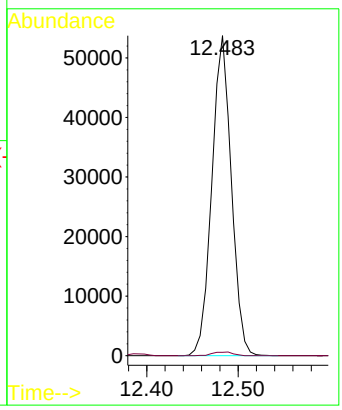
Instrument :
MSVOA_Y
ClientSampleId :
CON-A

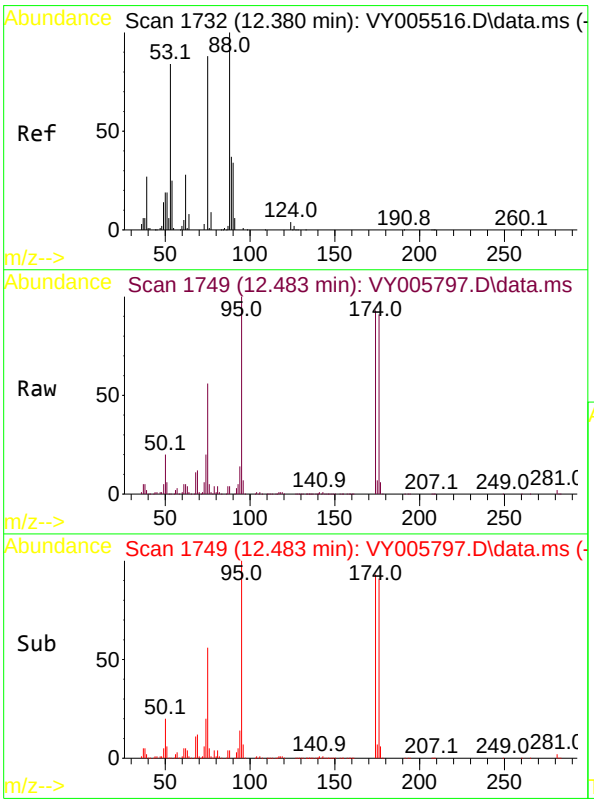


#76
1,2,3-Trichloropropane
Concen: 45.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

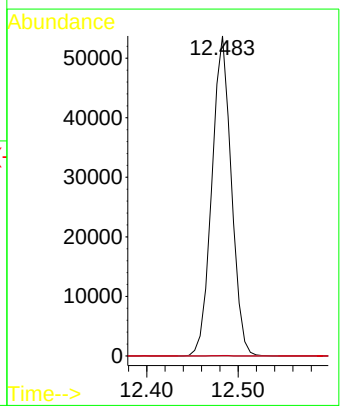
Tgt Ion: 75 Resp: 79478

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.328 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005797.D
Acq: 20 Aug 2021 16:51

Tgt Ion: 75 Resp: 79478

Ion	Ratio	Lower	Upper
75	100		
53	0.1	76.7	115.1#
89	0.0	38.4	57.6#