Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
Data File : VY003785.D
Acq On : 15 Dec 2020 19:35
Operator : SY/MD
Sample : L5042-01
Misc : 4.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Dec 16 05:08:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 16 05:00:50 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	221319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	379804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168572	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	145170	52.89	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.78%			
35) Dibromofluoromethane	7.728	113	121506	44.23	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.46%			
50) Toluene-d8	10.179	98	453346	41.68	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 83.36%			
62) 4-Bromofluorobenzene	12.483	95	155103	41.50	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 83.00%			
Target Compounds						Qvalue
5) Bromomethane	2.674	94	255	Below Cal	#	6
10) Methyl Iodide	4.100	142	351	3.85	ug/l #	72
11) Tert butyl alcohol	4.936	59	991	3.60	ug/l #	73
13) Acrolein	3.753	56	325	1.20	ug/l	89
16) Acetone	3.966	43	46111	73.04	ug/l	91
20) Methylene Chloride	4.728	84	7777	Below Cal		92
25) 2-Butanone	6.996	43	11311	11.08	ug/l	96
29) Tetrahydrofuran	7.356	42	994	1.41	ug/l #	85
31) Cyclohexane	7.795	56	5029	1.02	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	16398	3.84	ug/l #	49
37) Ethyl Acetate	6.996	43	11311	4.38	ug/l #	84
38) Carbon Tetrachloride	7.795	117	21020	4.93	ug/l #	15
49) 1,4-Dioxane	9.325	88	43	1.86	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	79260	39.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	79260	75.16	ug/l #	5

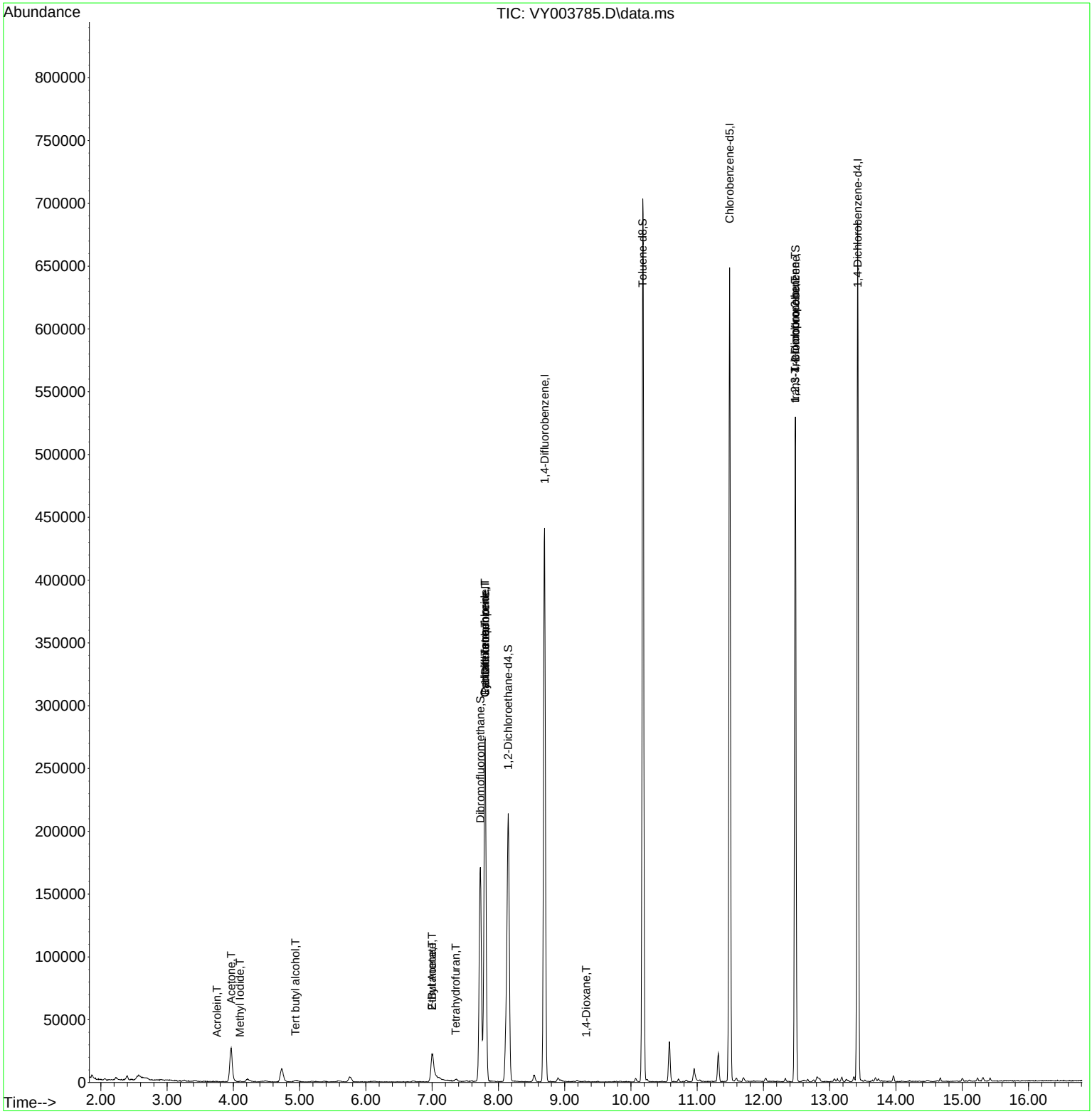
(#) = qualifier out of range (m) = manual integration (+) = signals summed

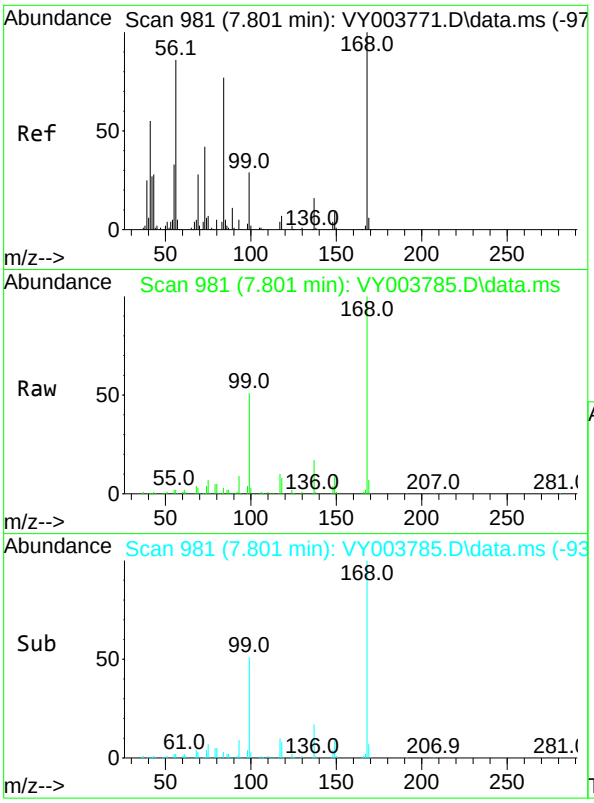
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121520\
Data File : VY003785.D
Acq On : 15 Dec 2020 19:35
Operator : SY/MD
Sample : L5042-01
Misc : 4.92G/5ML/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 16 05:08:53 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y121520S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 16 05:00:50 2020
Response via : Initial Calibration

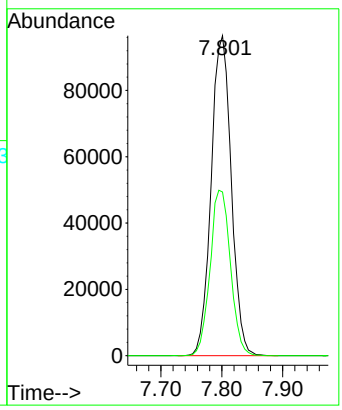




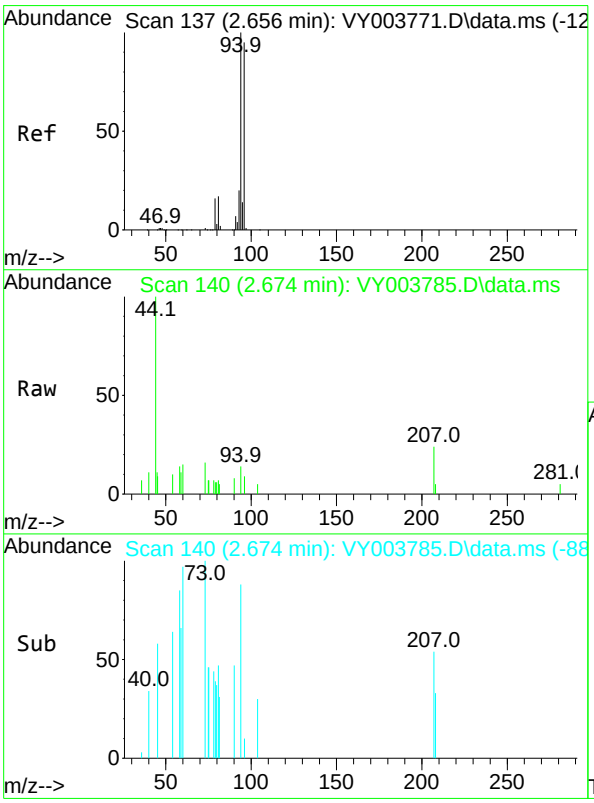
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:168 Resp: 221319

Ion	Ratio	Lower	Upper
168	100		
99	51.2	41.9	62.9



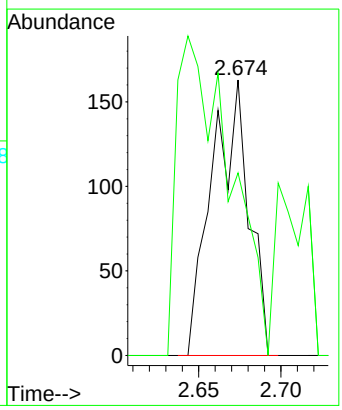
Instrument :
MSVOA_Y
ClientSampleId :

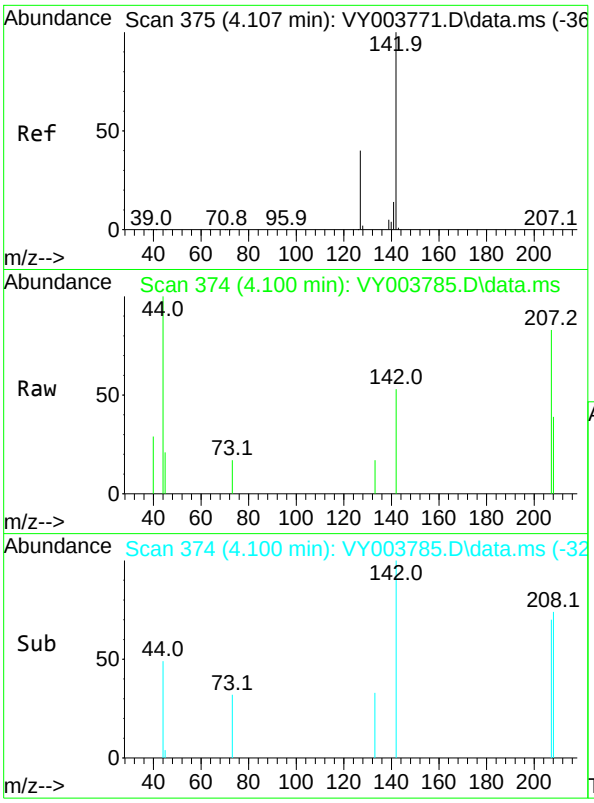


#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 140
Delta R.T. 0.018 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 94 Resp: 255

Ion	Ratio	Lower	Upper
94	100		
96	3.7	75.9	113.9#

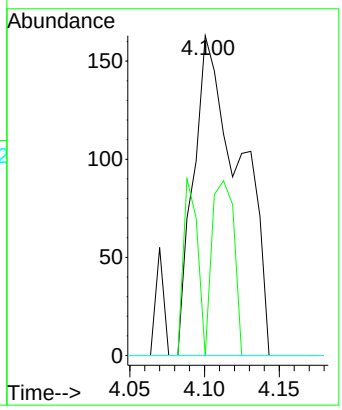




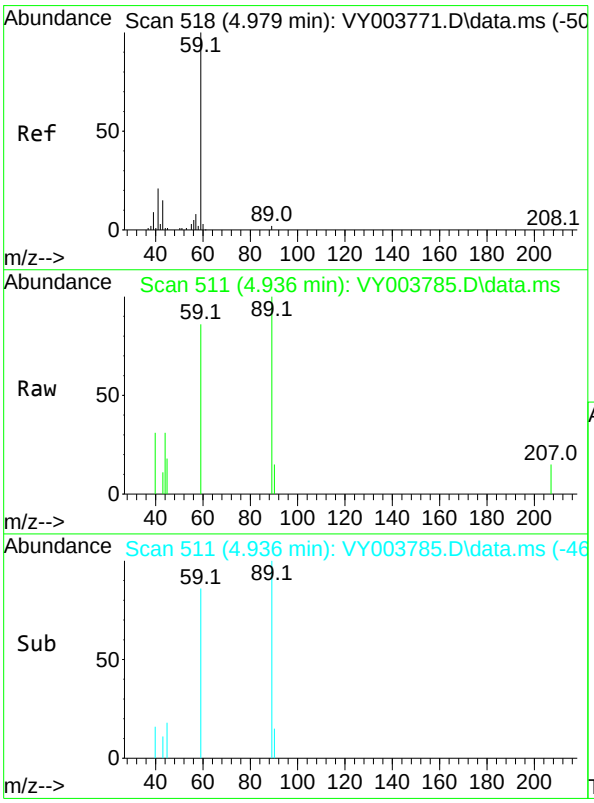
#10
Methyl Iodide
Concen: 3.85 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.007 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:142 Resp: 351

Ion	Ratio	Lower	Upper
142	100		
127	25.9	33.7	50.5#
141	0.0	11.4	17.2#



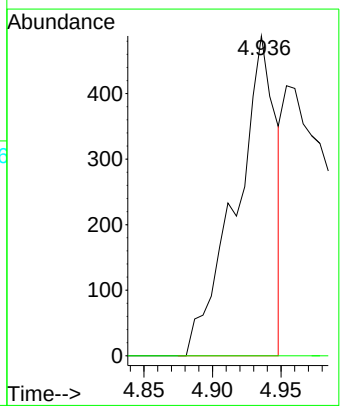
Instrument :
MSVOA_Y
ClientSampleId :



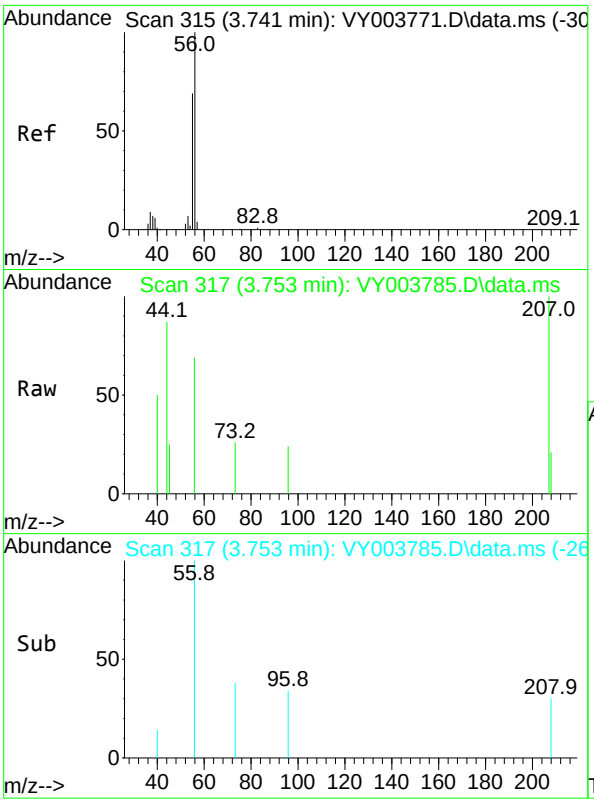
#11
Tert butyl alcohol
Concen: 3.60 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.043 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 59 Resp: 991

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



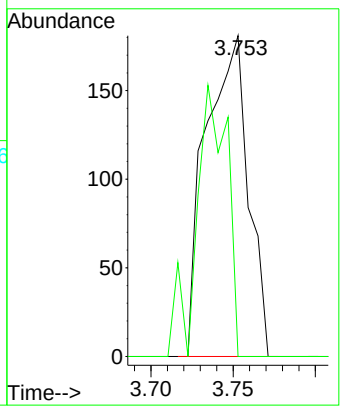
Instrument :
MSVOA_Y
ClientSampleId :

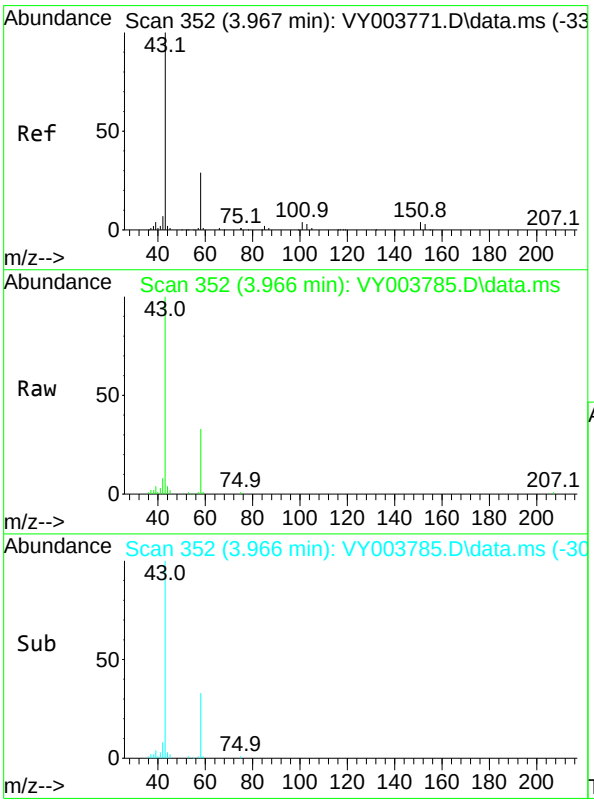


#13
Acrolein
Concen: 1.20 ug/l
RT: 3.753 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 56 Resp: 325

Ion	Ratio	Lower	Upper
56	100		
55	61.5	56.2	84.4

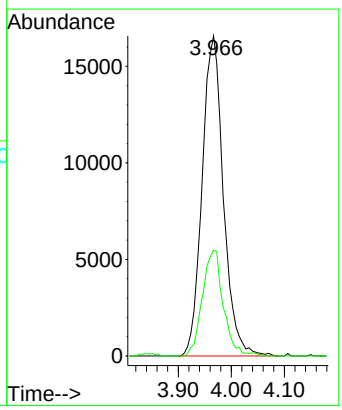


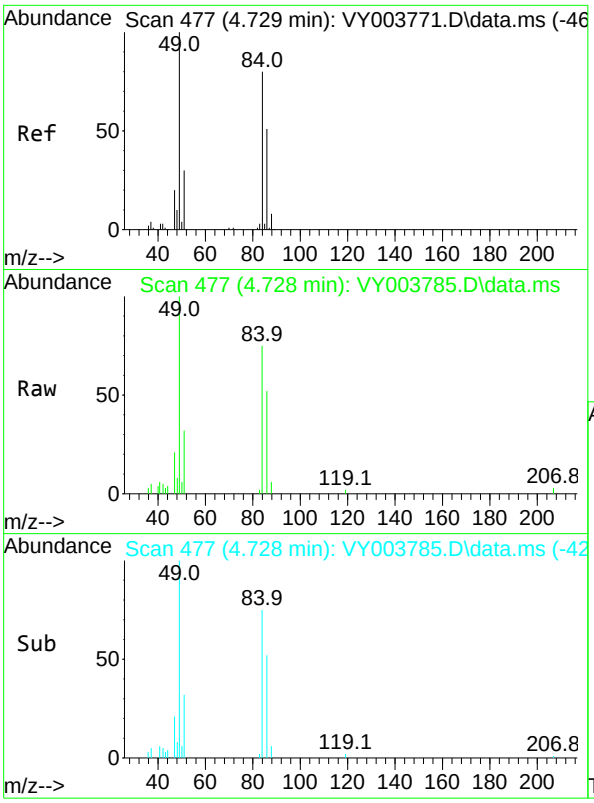


#16
Acetone
Concen: 73.04 ug/l
RT: 3.966 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 43 Resp: 46111

Ion	Ratio	Lower	Upper
43	100		
58	33.1	22.9	34.3



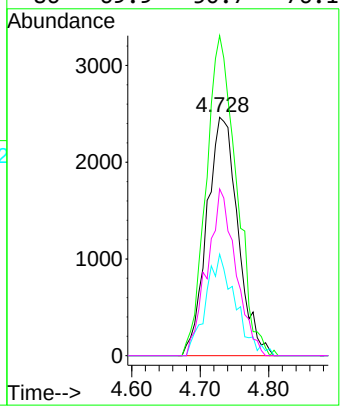


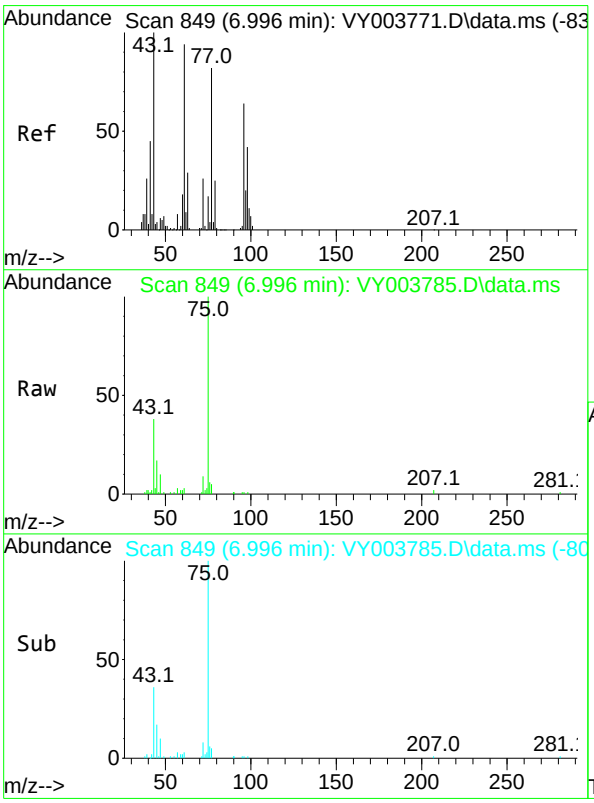
#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 7777

Ion	Ratio	Lower	Upper
84	100		
49	134.2	100.4	150.6
51	42.6	30.3	45.5
86	69.9	50.7	76.1

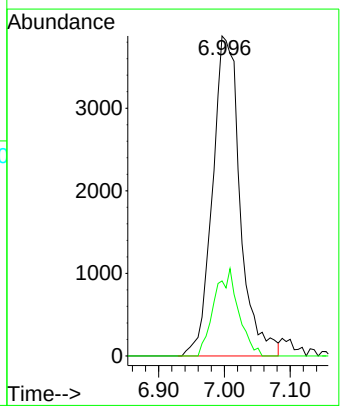




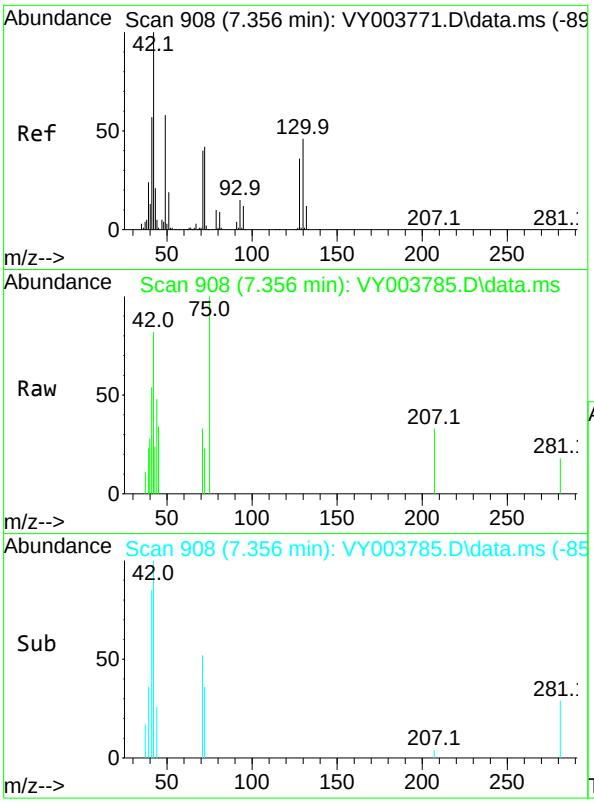
#25
2-Butanone
Concen: 11.08 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 43 Resp: 11311

Ion	Ratio	Lower	Upper
43	100		
72	23.5	20.5	30.7



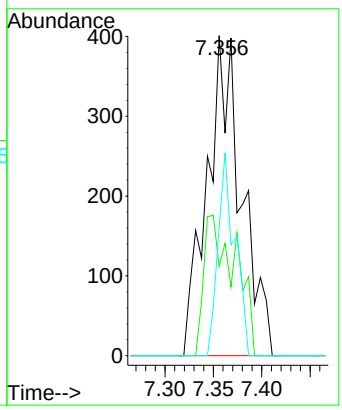
Instrument :
MSVOA_Y
ClientSampleId :

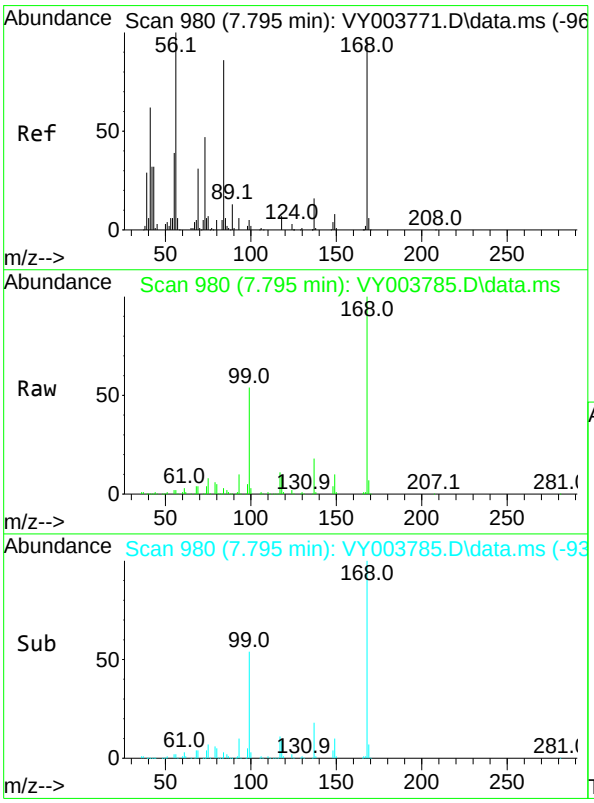


#29
Tetrahydrofuran
Concen: 1.41 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 42 Resp: 994

Ion	Ratio	Lower	Upper
42	100		
72	27.9	31.7	47.5#
71	31.1	30.4	45.6

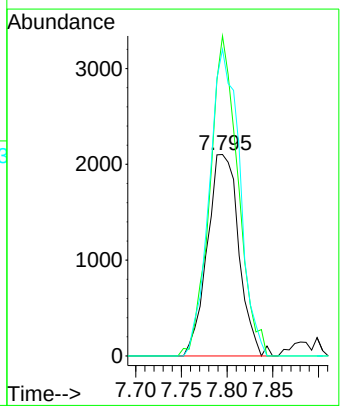




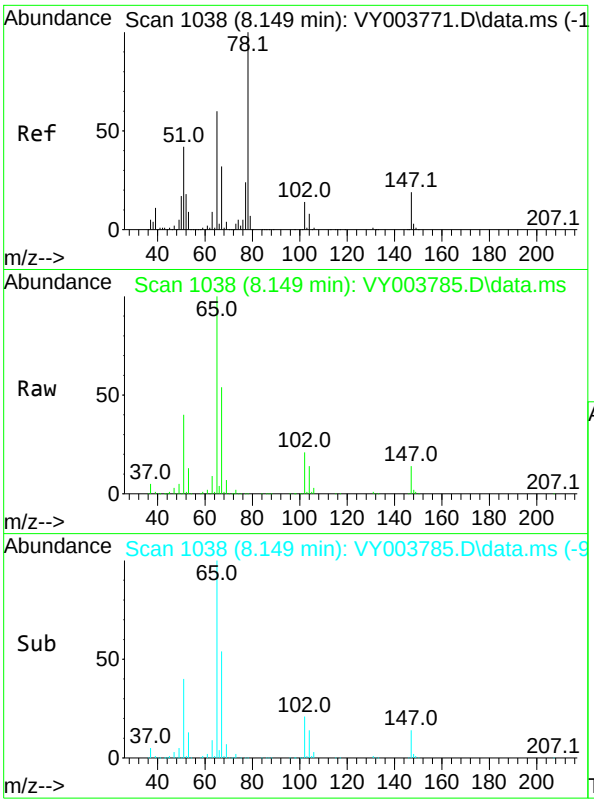
#31
Cyclohexane
Concen: 1.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 56 Resp: 5029

Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.0	37.4#
84	152.2	68.5	102.7#



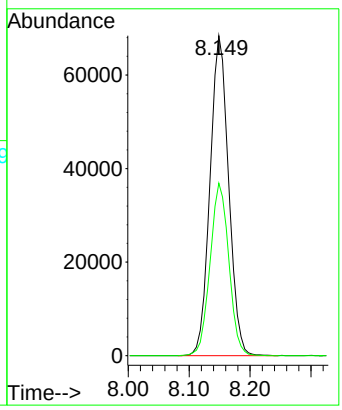
Instrument :
MSVOA_Y
ClientSampleId :

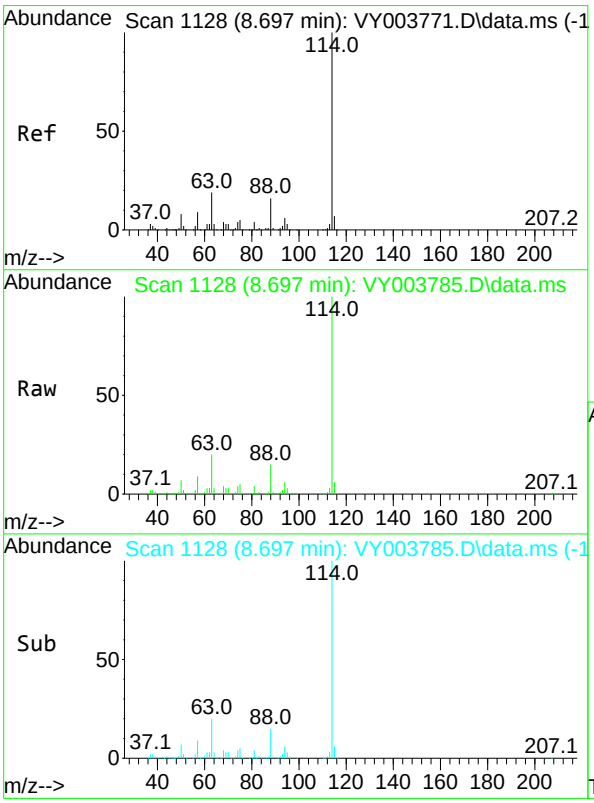


#33
1,2-Dichloroethane-d4
Concen: 52.89 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 65 Resp: 145170

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.6

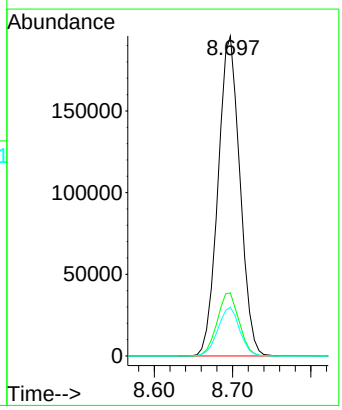


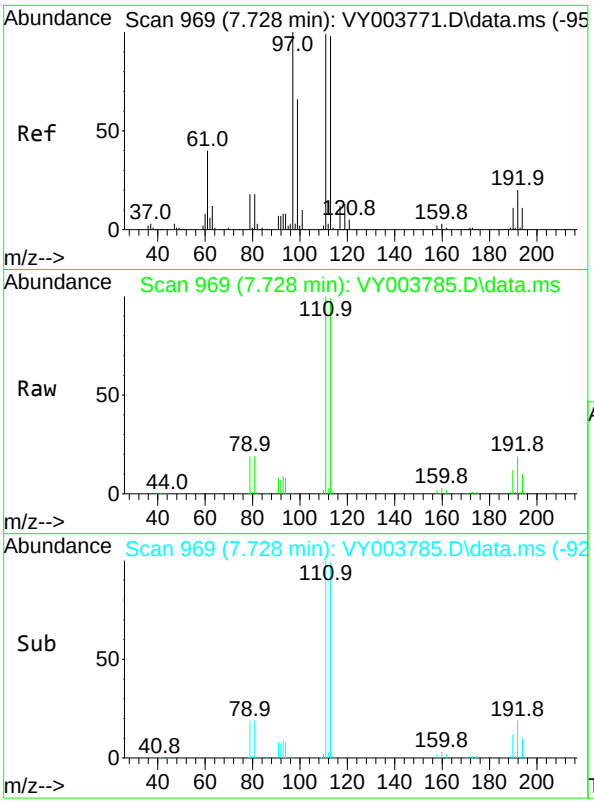


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:114 Resp: 379804

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	38.4
88	15.3	0.0	31.8

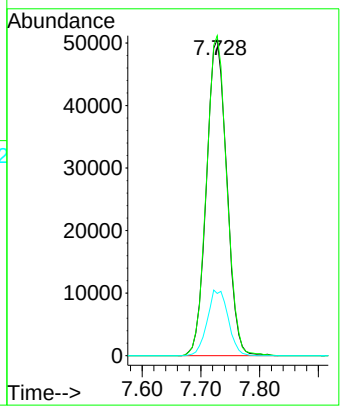




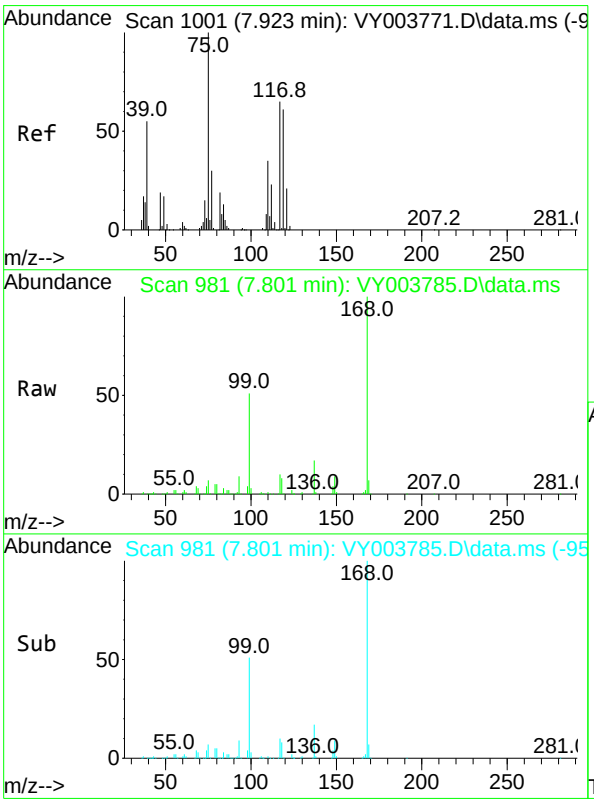
#35
Dibromofluoromethane
Concen: 44.23 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:113 Resp: 121506

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.2	123.2
192	21.3	16.7	25.1



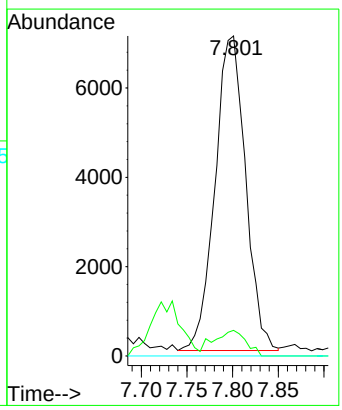
Instrument :
MSVOA_Y
ClientSampleId :



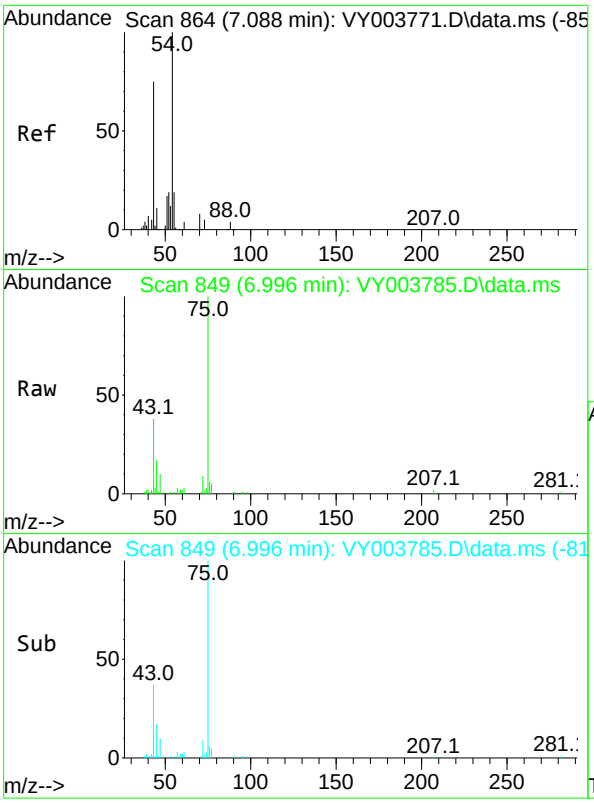
#36
1,1-Dichloropropene
Concen: 3.84 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 75 Resp: 16398

Ion	Ratio	Lower	Upper
75	100		
110	8.6	18.1	54.1#
77	0.0	24.6	36.8#



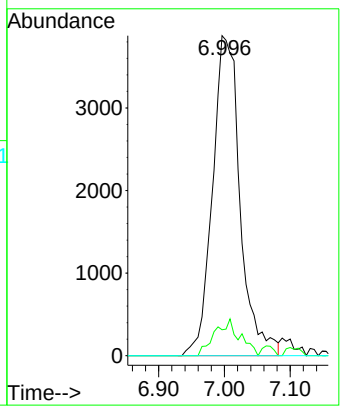
Instrument :
MSVOA_Y
ClientSampleId :

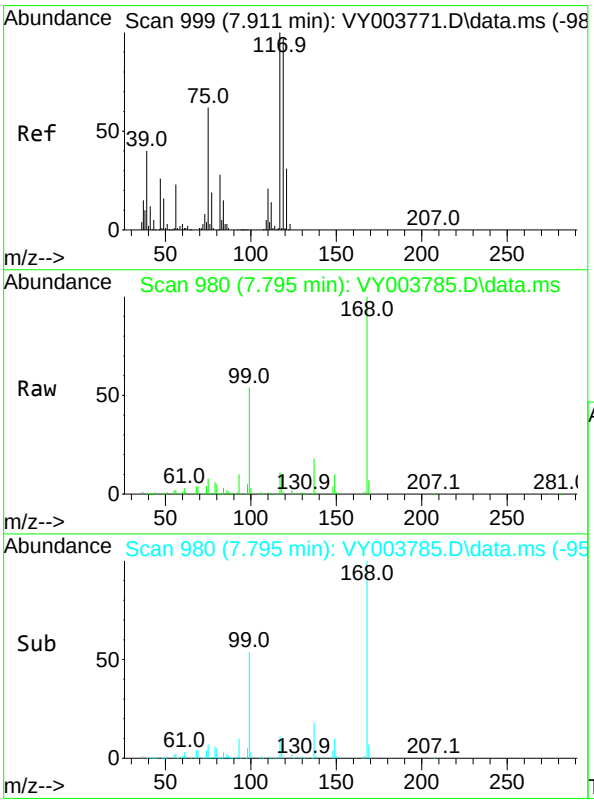


#37
Ethyl Acetate
Concen: 4.38 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.092 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 43 Resp: 11311

Ion	Ratio	Lower	Upper
43	100		
61	10.4	11.0	16.4#
70	0.0	8.1	12.1#

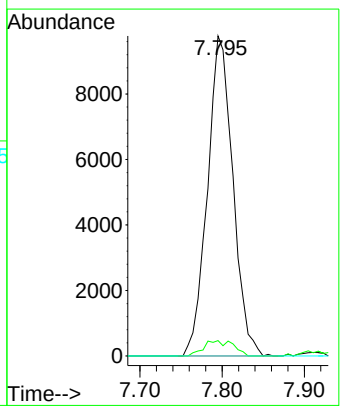


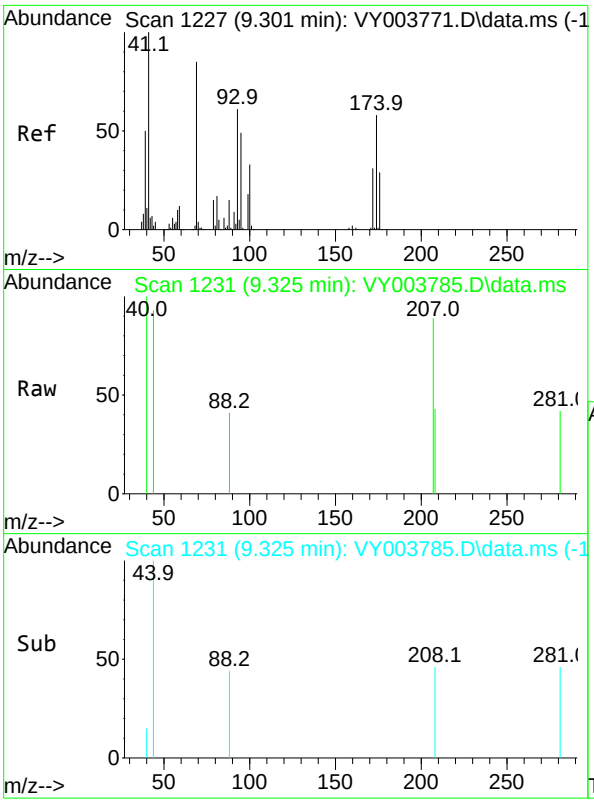


#38
Carbon Tetrachloride
Concen: 4.93 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:117 Resp: 21020

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.2	115.8#
121	0.0	25.0	37.4#

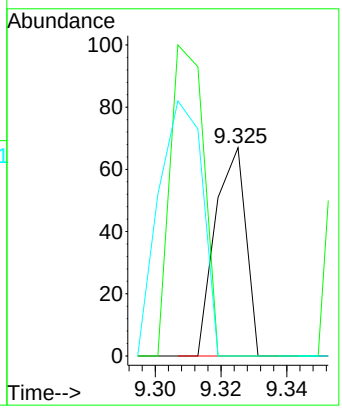




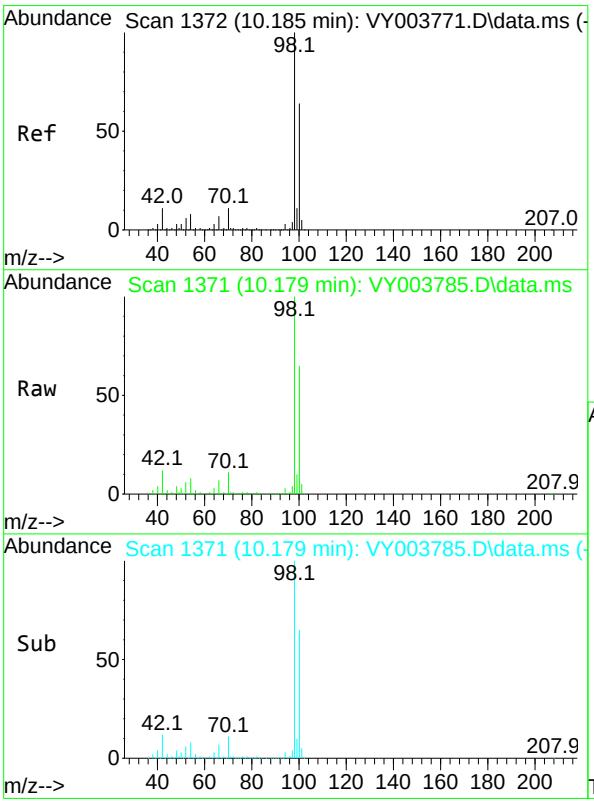
#49
1,4-Dioxane
Concen: 1.86 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.024 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 88 Resp: 43

Ion	Ratio	Lower	Upper
88	100		
43	165.1	26.9	40.3#
58	176.7	57.0	85.6#



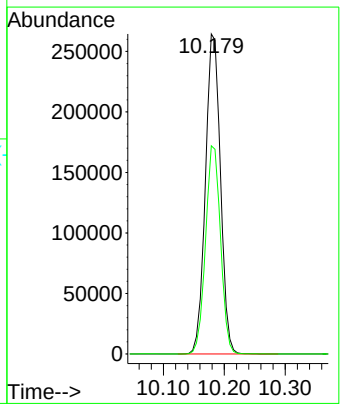
Instrument :
MSVOA_Y
ClientSampleId :



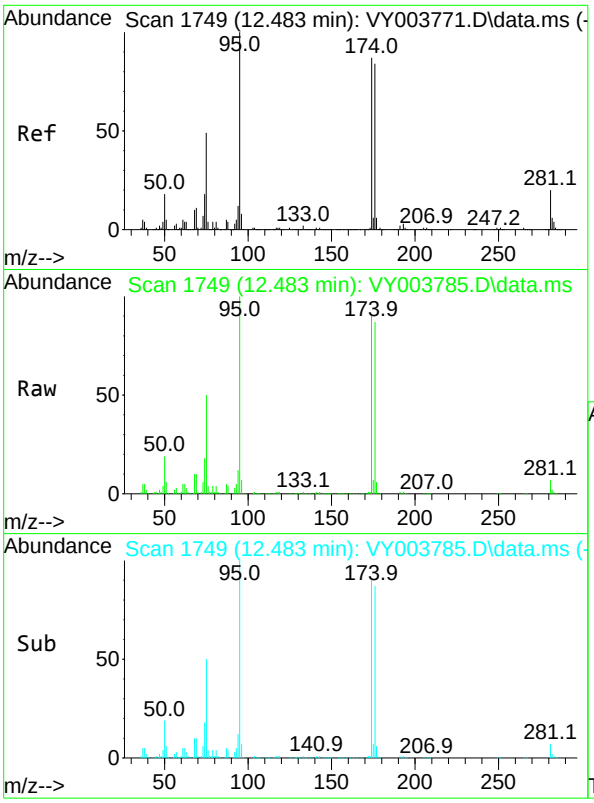
#50
Toluene-d8
Concen: 41.68 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 98 Resp: 453346

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.6	77.4



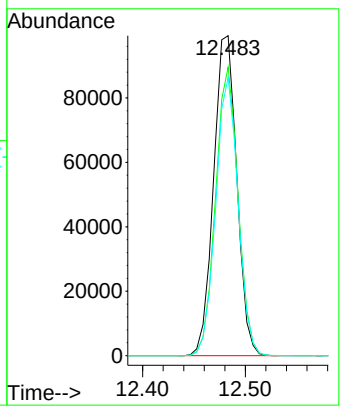
Instrument :
MSVOA_Y
ClientSampleId :

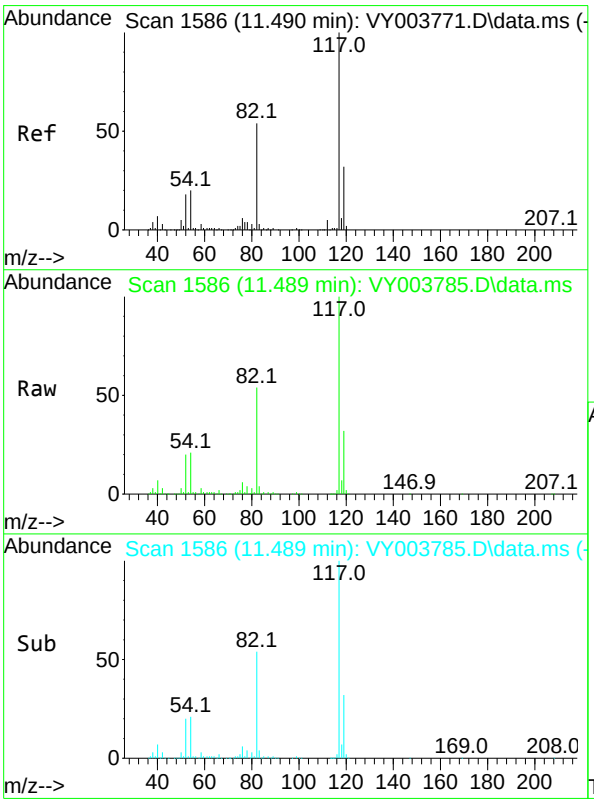


#62
4-Bromofluorobenzene
Concen: 41.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 95 Resp: 155103

Ion	Ratio	Lower	Upper
95	100		
174	87.5	0.0	170.8
176	83.8	0.0	165.0

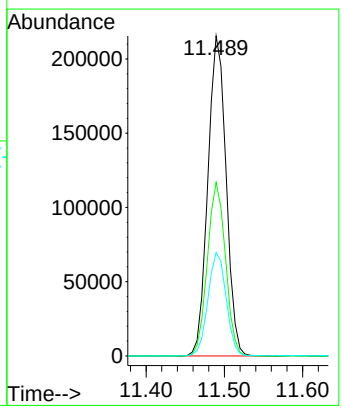




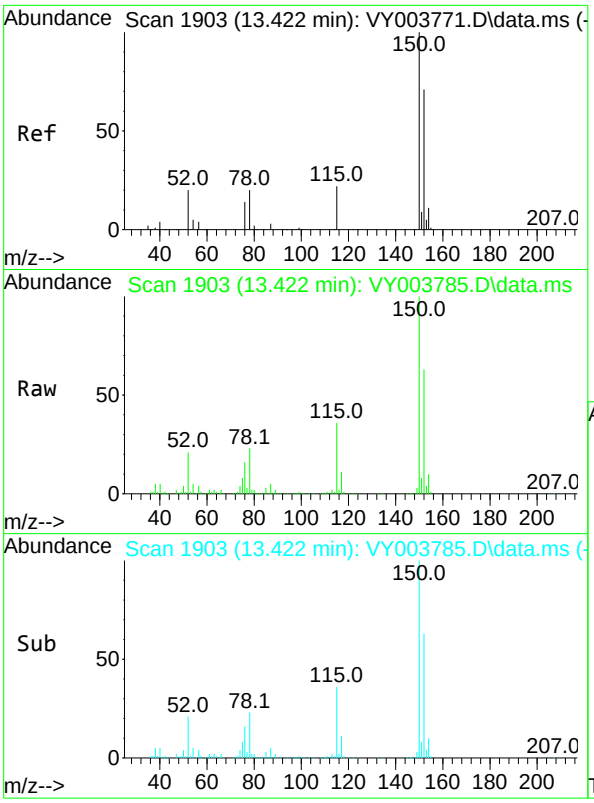
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:117 Resp: 348211

Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.6
119	32.3	25.7	38.5



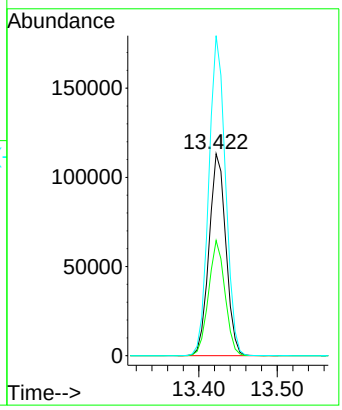
Instrument :
MSVOA_Y
ClientSampleId :

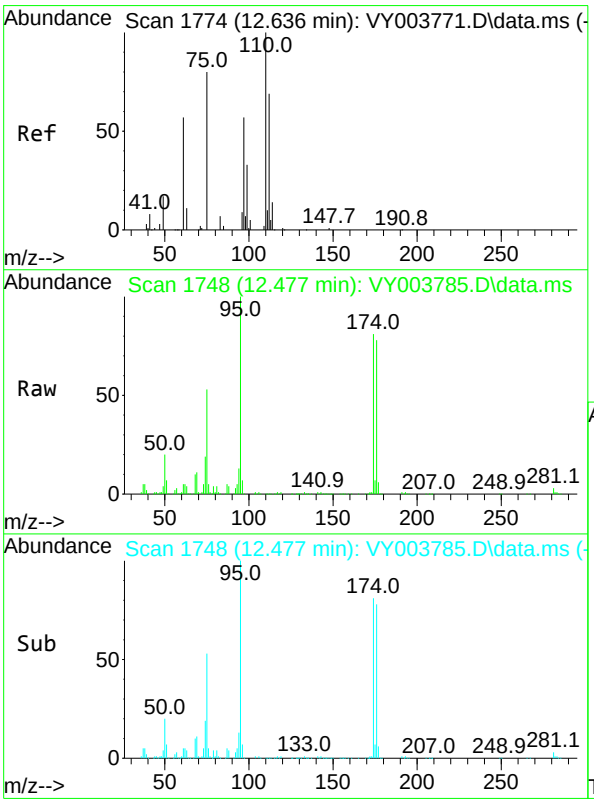


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion:152 Resp: 168572

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.0	83.9
150	157.1	0.0	347.6

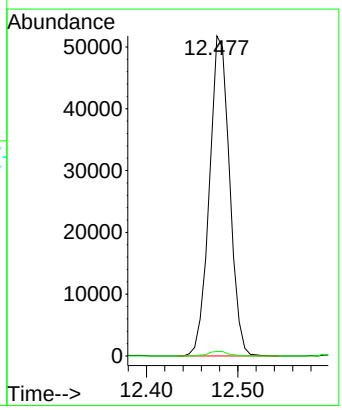


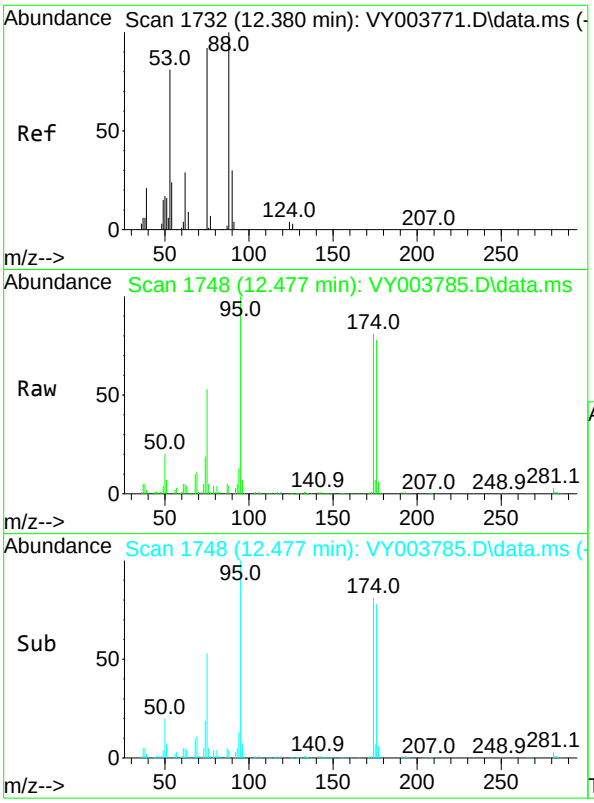


#76
1,2,3-Trichloropropane
Concen: 39.69 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.159 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 75 Resp: 79260

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

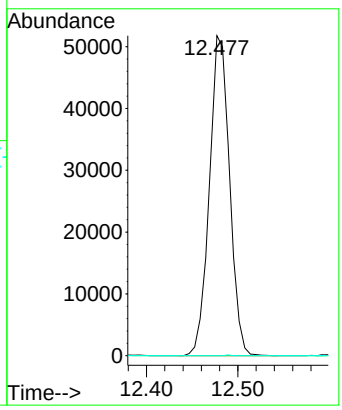




#81
trans-1,4-Dichloro-2-butene
Concen: 75.16 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY003785.D
Acq: 15 Dec 2020 19:35

Tgt Ion: 75 Resp: 79260

Ion	Ratio	Lower	Upper
75	100		
53	0.0	70.4	105.6#
89	0.1	0.0	0.0#



Instrument :
MSVOA_Y
ClientSampleId :