Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007861.D
Acq On : 11 Mar 2022 17:47
Operator : SY/MD
Sample : N1864-08
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Quant Time: Mar 11 23:23:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	187042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	331199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	308734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	131254	67.029	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.060%			
35) Dibromofluoromethane	7.716	113	116842	55.180	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.360%			
50) Toluene-d8	10.179	98	418102	53.641	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.280%			
62) 4-Bromofluorobenzene	12.483	95	128754	51.245	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	59	Below Cal	#	43
3) Chloromethane	2.113	50	1009	Below Cal		95
11) Tert butyl alcohol	4.954	59	404	2.383	ug/l #	77
13) Acrolein	3.570	56	49	Below Cal	#	14
16) Acetone	3.942	43	3211	8.061	ug/l	97
17) Carbon Disulfide	4.210	76	261	Below Cal	#	75
18) Methyl Acetate	4.466	43	402	Below Cal		94
20) Methylene Chloride	4.710	84	13156	2.774	ug/l #	81
29) Tetrahydrofuran	7.344	42	636	1.391	ug/l #	76
31) Cyclohexane	7.789	56	5054	Below Cal	#	25
36) 1,1-Dichloropropene	7.783	75	15325	4.601	ug/l #	51
38) Carbon Tetrachloride	7.789	117	19212	5.407	ug/l #	17
49) 1,4-Dioxane	9.416	88	40	2.302	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	79878	53.040	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79878	108.434	ug/l #	8

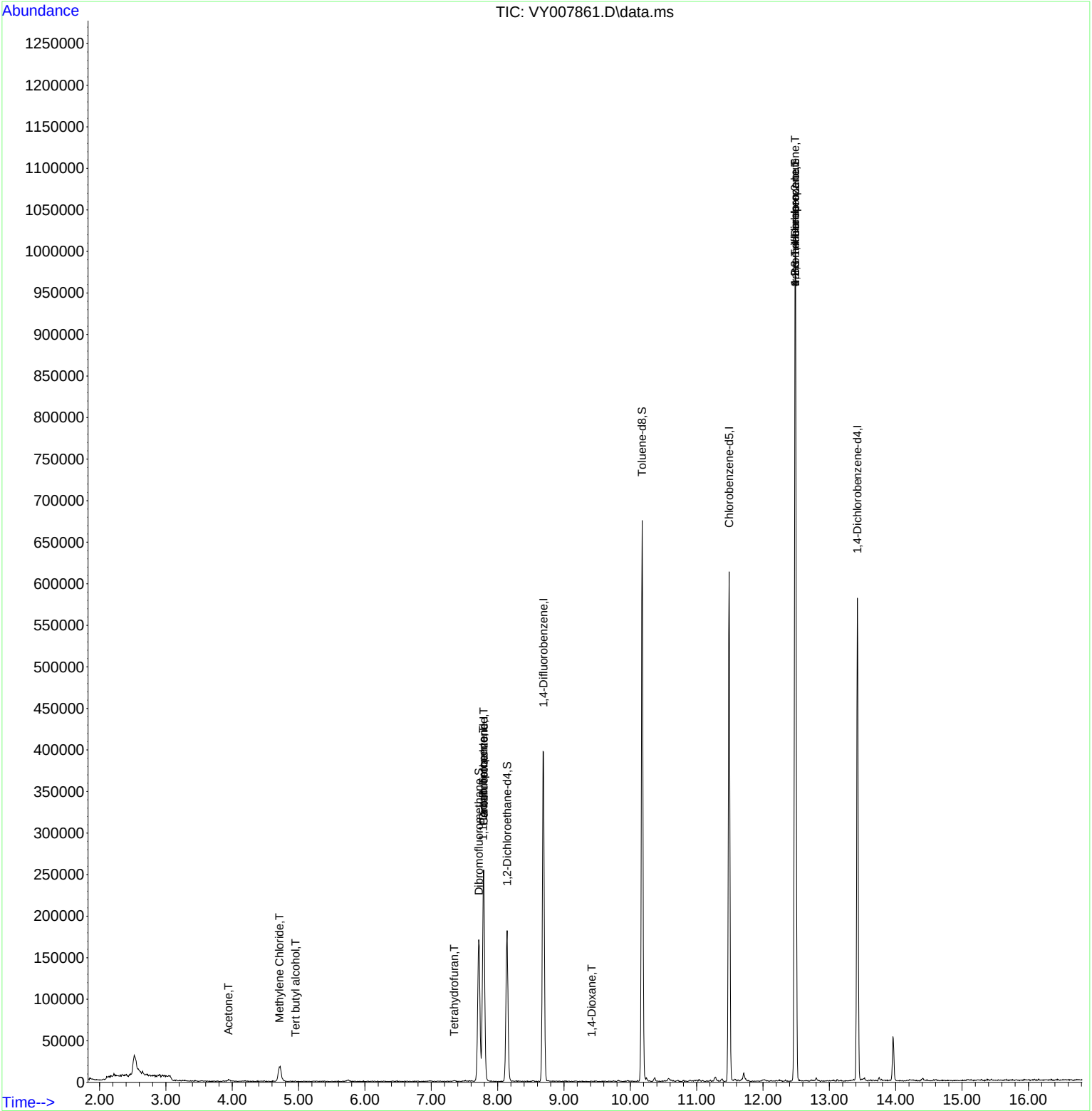
(#) = qualifier out of range (m) = manual integration (+) = signals summed

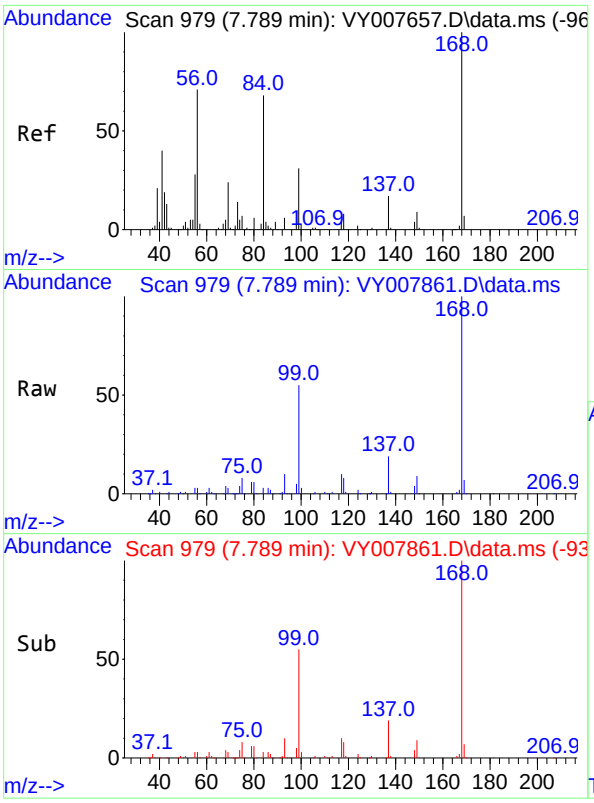
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031122\
Data File : VY007861.D
Acq On : 11 Mar 2022 17:47
Operator : SY/MD
Sample : N1864-08
Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Quant Time: Mar 11 23:23:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 01 09:08:03 2022
Response via : Initial Calibration



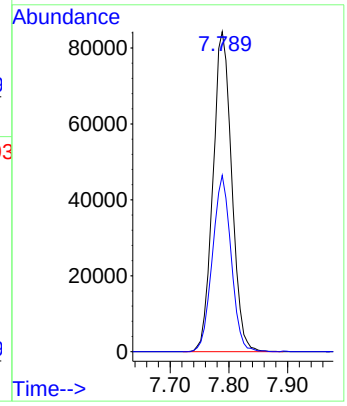


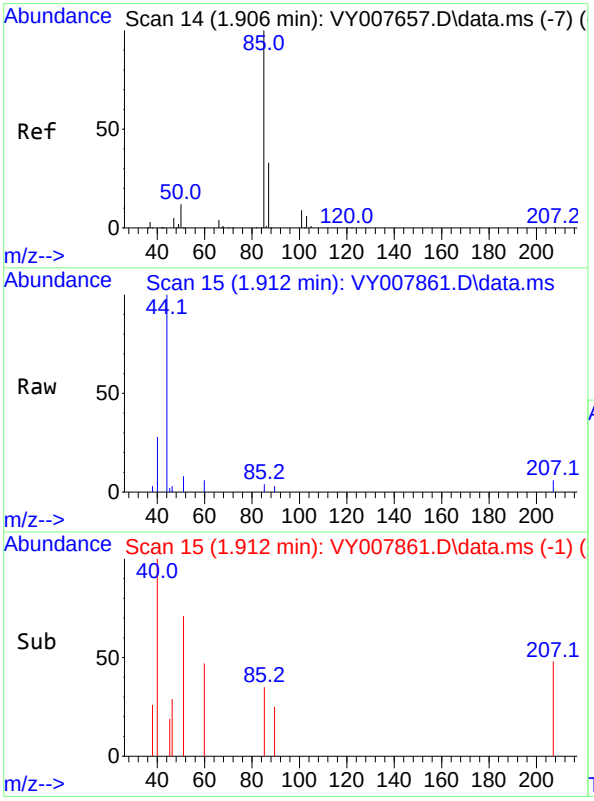
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion:168 Resp: 187042

Ion	Ratio	Lower	Upper
168	100		
99	55.1	46.9	70.3

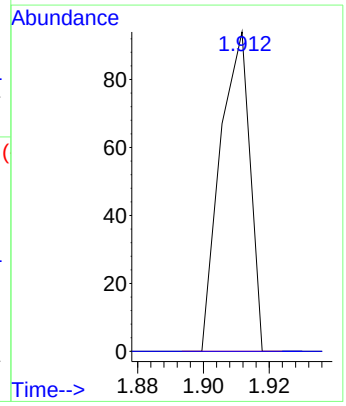


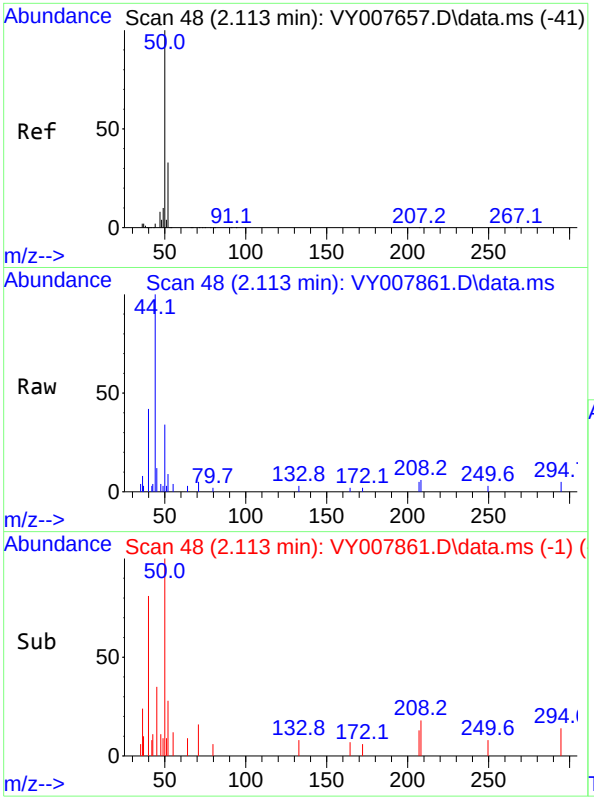


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 85 Resp: 59

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.1	48.2#



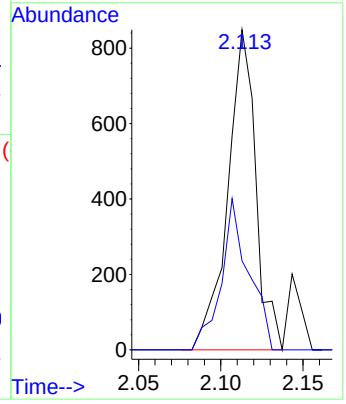


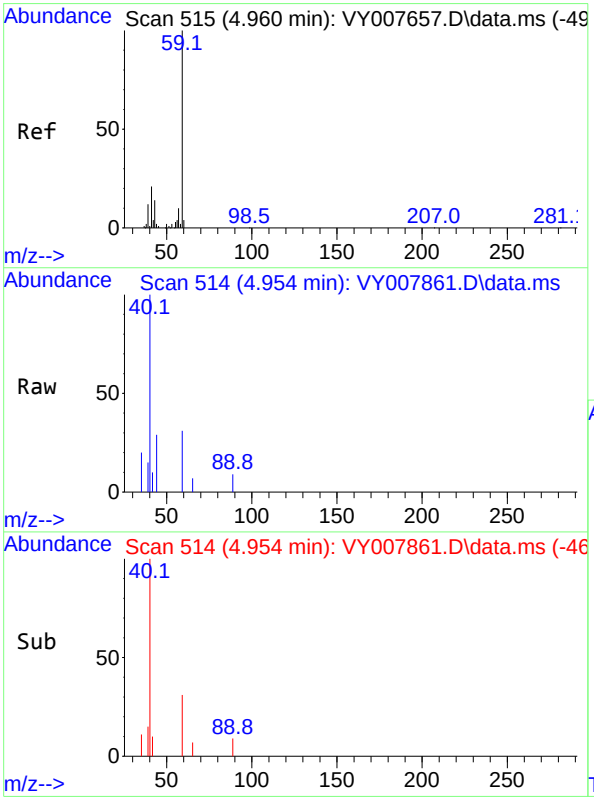
#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 50 Resp: 1009

Ion	Ratio	Lower	Upper
50	100		
52	27.8	24.6	37.0

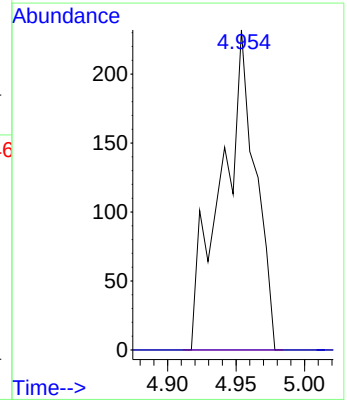


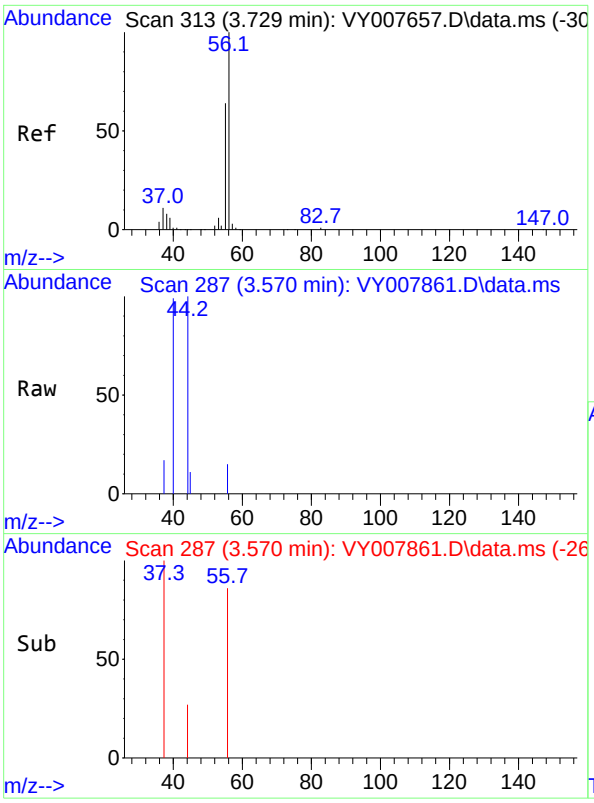


#11
Tert butyl alcohol
Concen: 2.383 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 59 Resp: 404

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



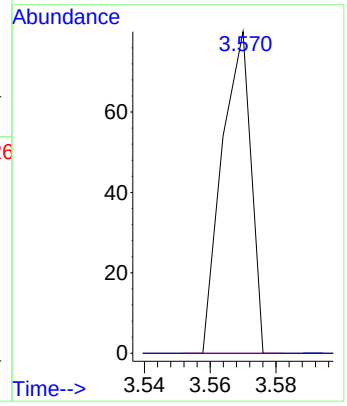


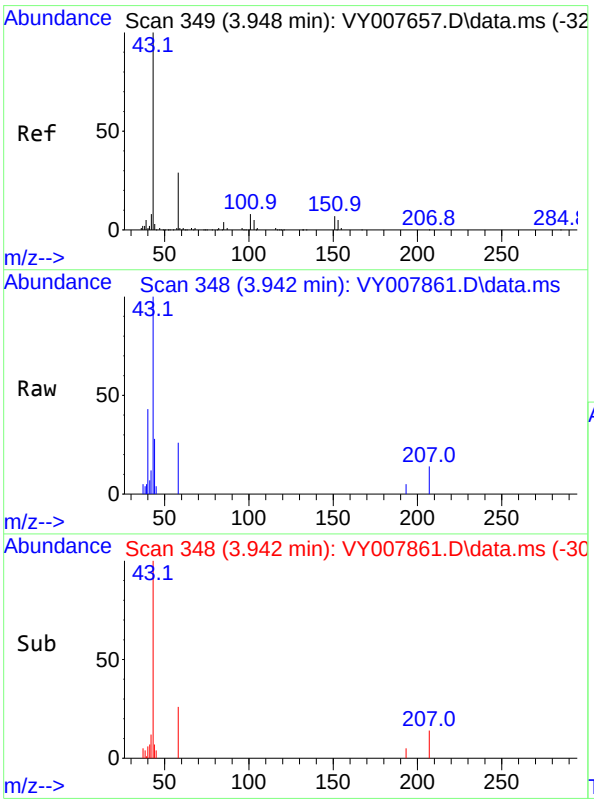
#13
Acrolein
Concen: Below Cal
RT: 3.570 min Scan# 2
Delta R.T. -0.159 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 56 Resp: 49

Ion	Ratio	Lower	Upper
56	100		
55	0.0	57.6	86.4#

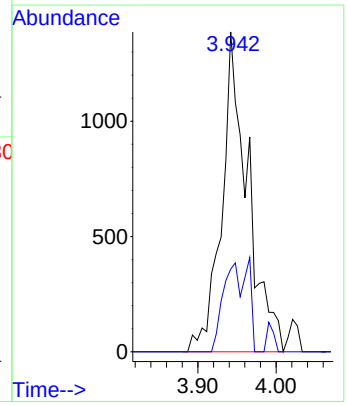


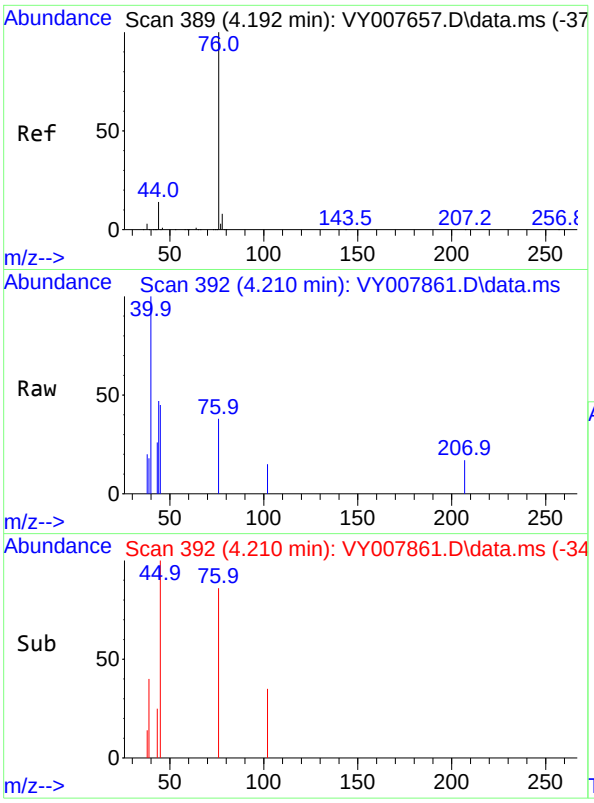


#16
Acetone
Concen: 8.061 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 43 Resp: 3211

Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.0	33.0



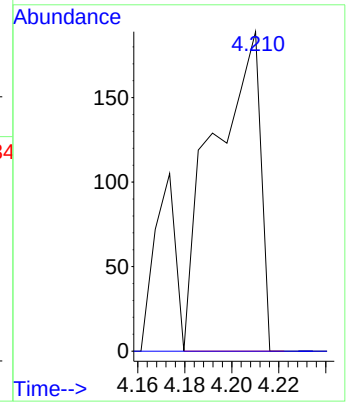


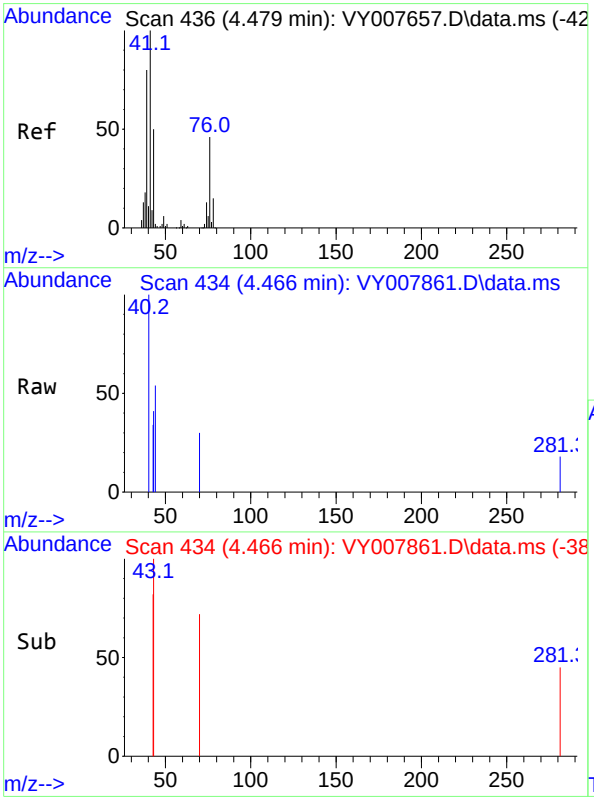
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.210 min Scan# 3
Delta R.T. 0.018 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 76 Resp: 261

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.0#

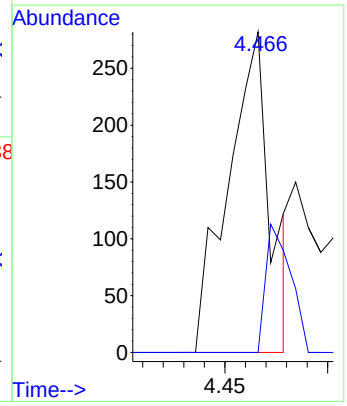


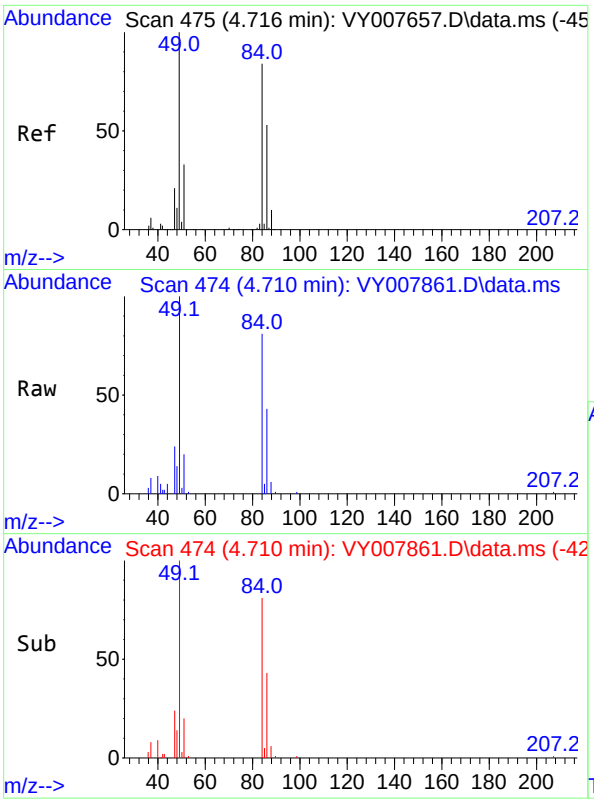


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.013 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 43 Resp: 402

Ion	Ratio	Lower	Upper
43	100		
74	23.6	16.6	24.8



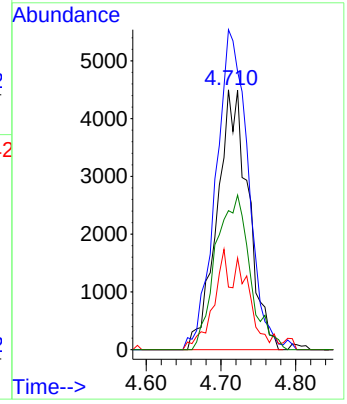


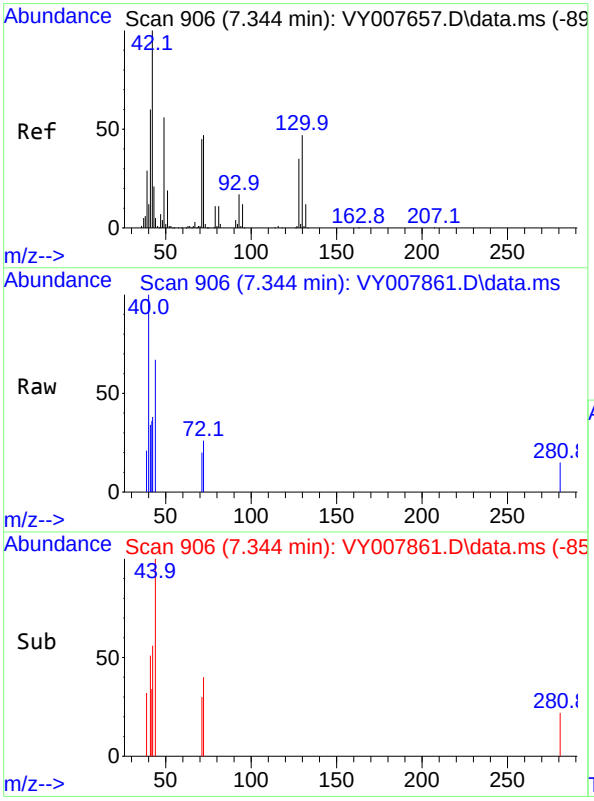
#20
Methylene Chloride
Concen: 2.774 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 84 Resp: 13156

Ion	Ratio	Lower	Upper
84	100		
49	123.1	114.4	171.6
51	24.1	35.3	52.9#
86	53.5	53.7	80.5#

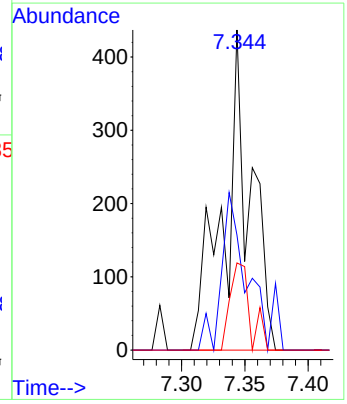


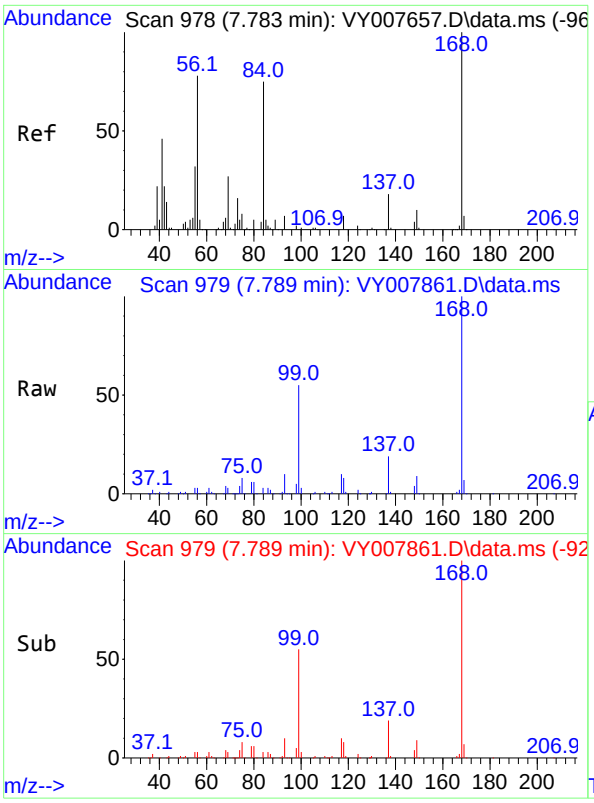


#29
Tetrahydrofuran
Concen: 1.391 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 42 Resp: 636

Ion	Ratio	Lower	Upper
42	100		
72	50.6	30.3	45.5#
71	20.6	29.0	43.4#



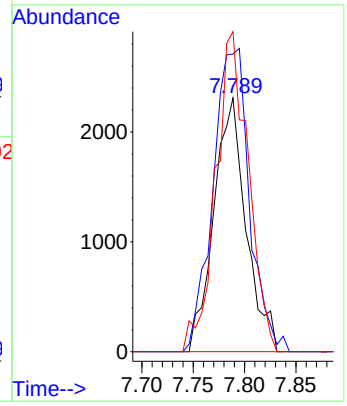


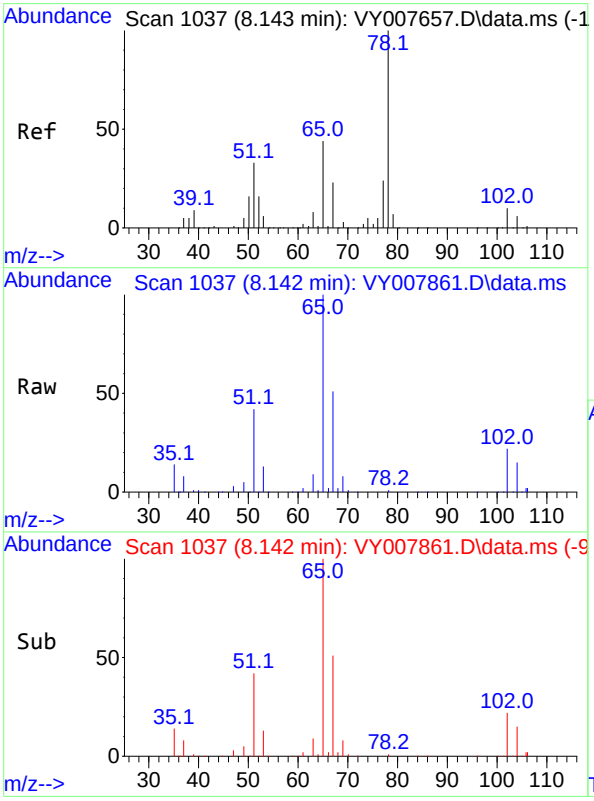
#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 56 Resp: 5054

Ion	Ratio	Lower	Upper
56	100		
69	117.4	26.7	40.1#
84	126.2	67.2	100.8#

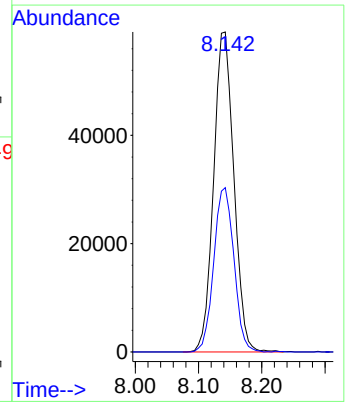


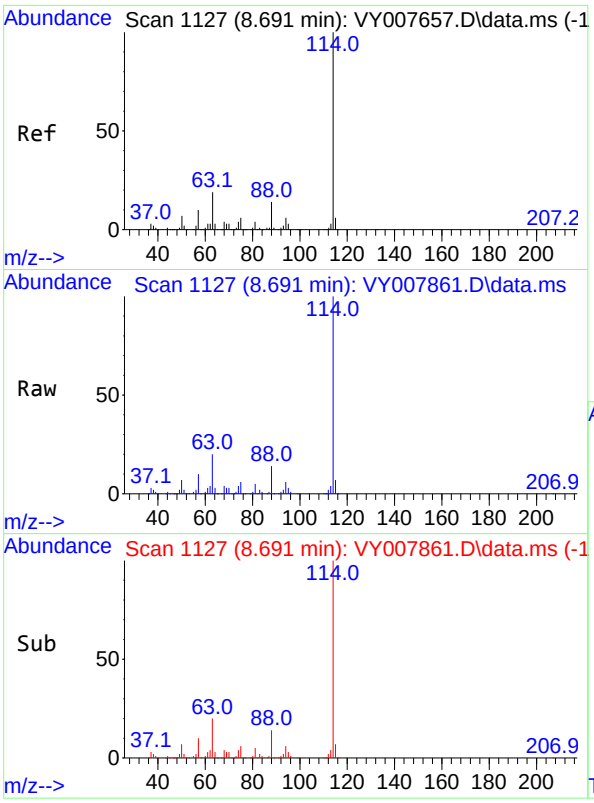


#33
1,2-Dichloroethane-d4
Concen: 67.029 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 65 Resp: 131254

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	99.4



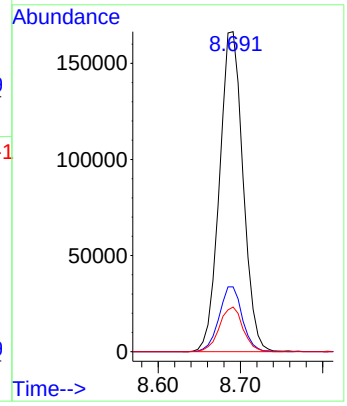


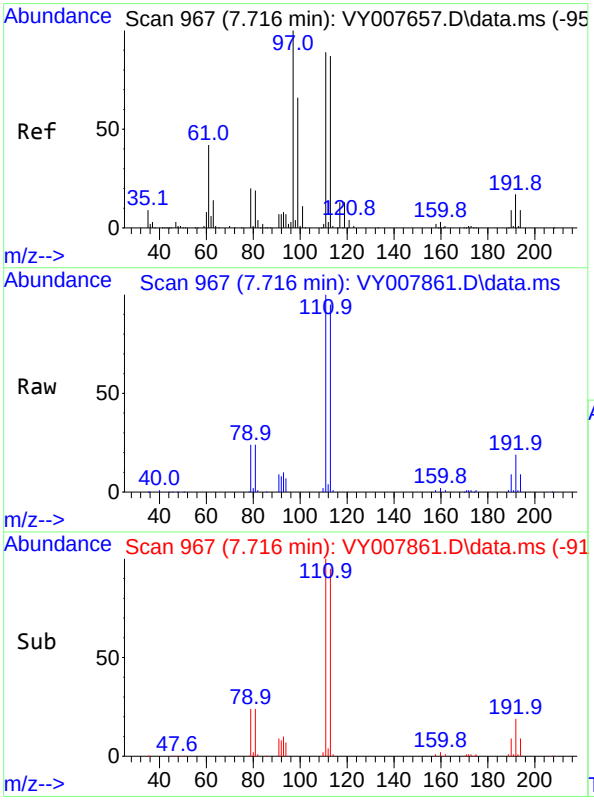
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion:114 Resp: 331199

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	43.2
88	14.0	0.0	31.8

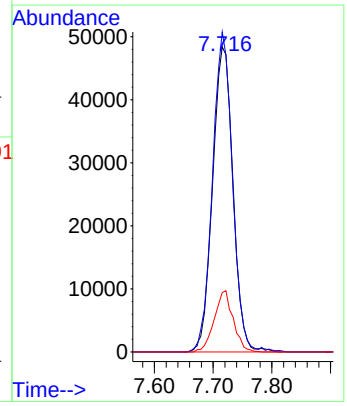


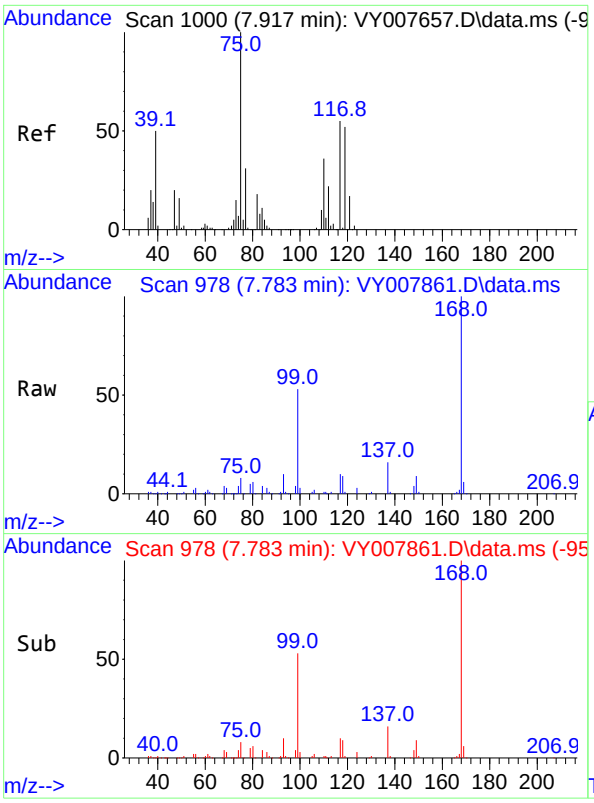


#35
Dibromofluoromethane
Concen: 55.180 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion:113 Resp: 116842

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.6	124.0
192	18.6	17.6	26.4



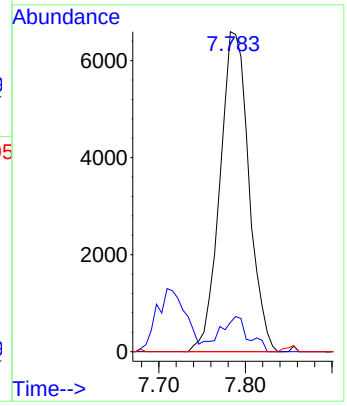


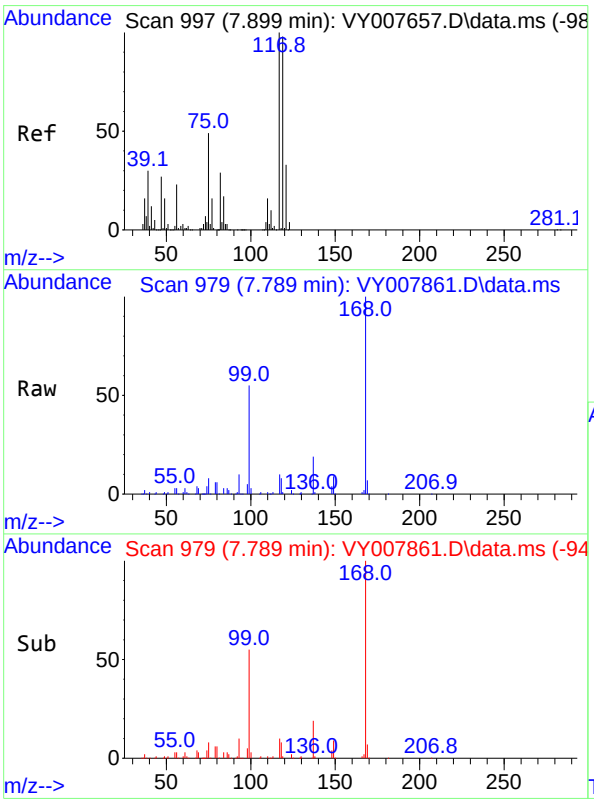
#36
1,1-Dichloropropene
Concen: 4.601 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.134 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 75 Resp: 15325

Ion	Ratio	Lower	Upper
75	100		
110	10.0	17.1	51.2#
77	0.0	24.4	36.6#

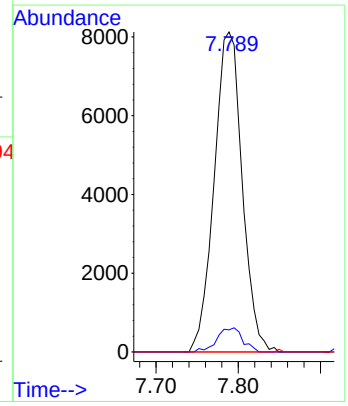


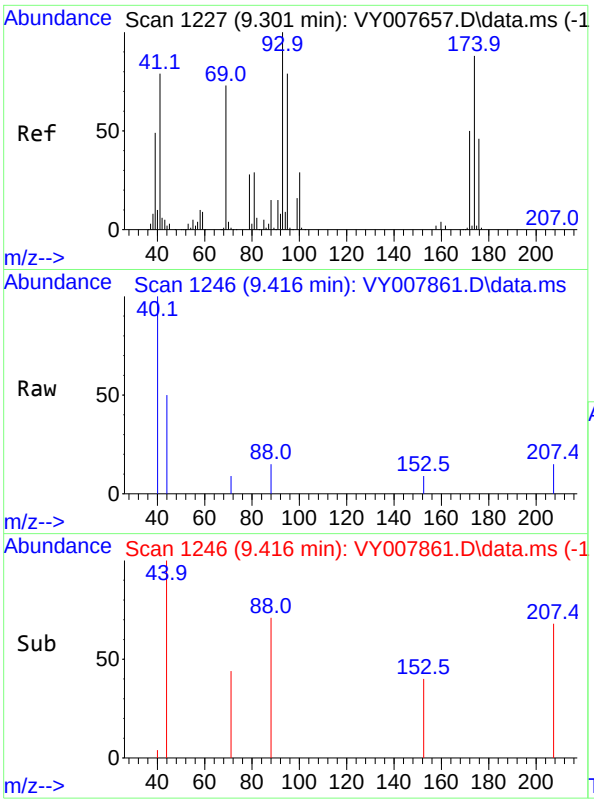


#38
Carbon Tetrachloride
Concen: 5.407 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion:117 Resp: 19212

Ion	Ratio	Lower	Upper
117	100		
119	6.9	77.9	116.9#
121	0.0	24.8	37.2#



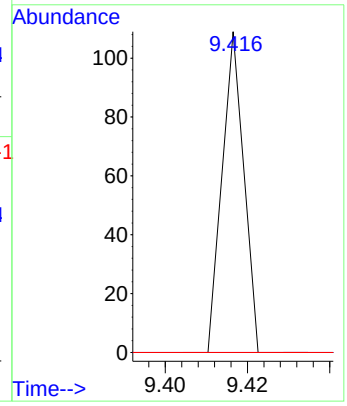


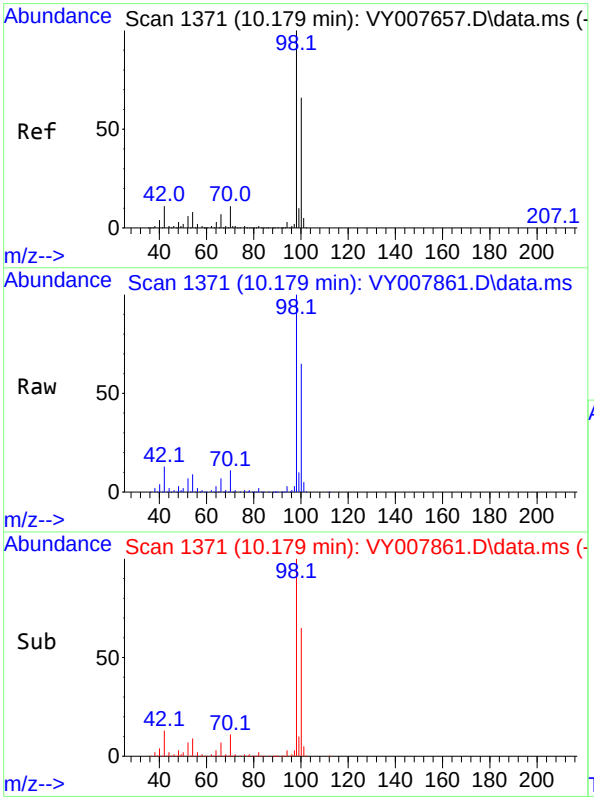
#49
1,4-Dioxane
Concen: 2.302 ug/l
RT: 9.416 min Scan# 1
Delta R.T. 0.115 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.8	49.2#
58	0.0	59.8	89.6#

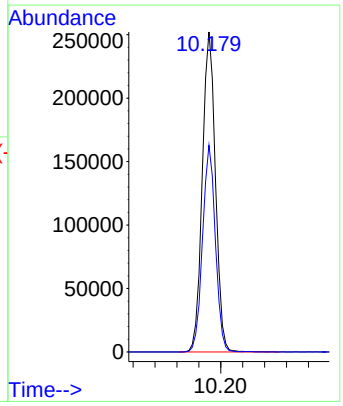


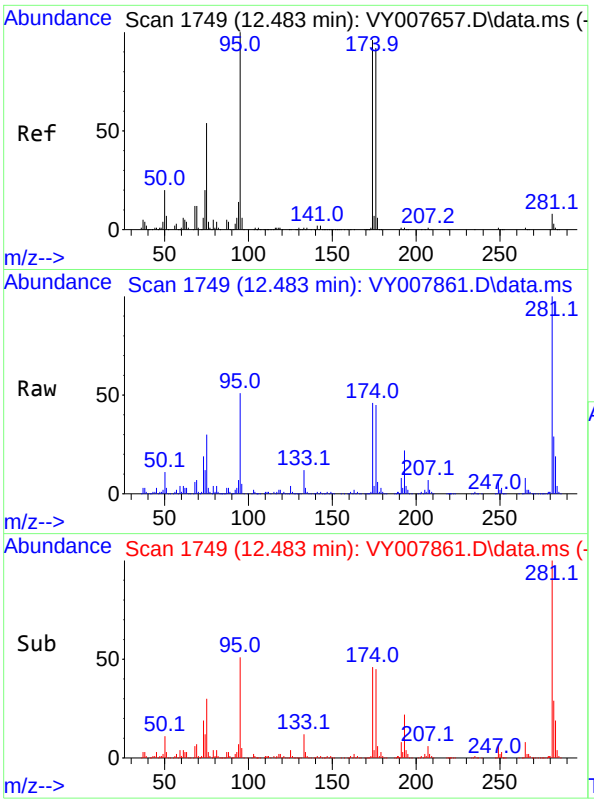


#50
Toluene-d8
Concen: 53.641 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 98 Resp: 418102

Ion	Ratio	Lower	Upper
98	100		
100	63.1	50.2	75.2



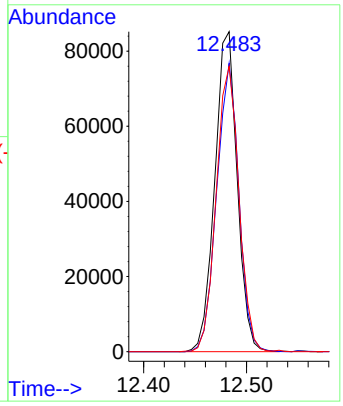


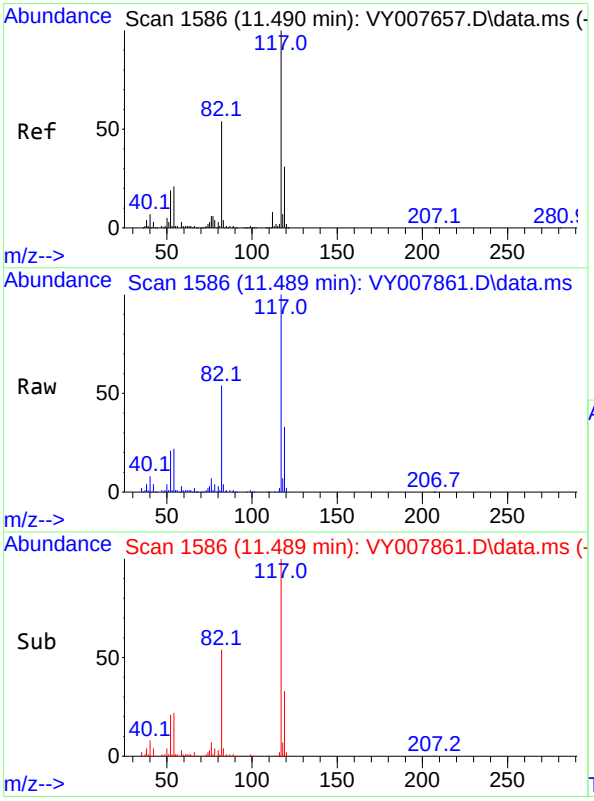
#62
4-Bromofluorobenzene
Concen: 51.245 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 95 Resp: 128754

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	177.0
176	90.7	0.0	175.8

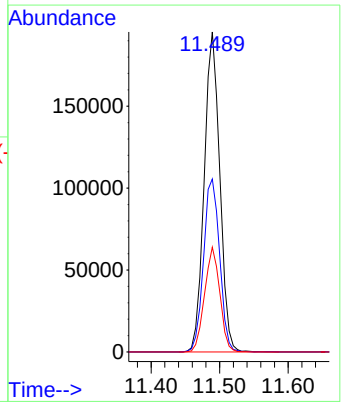


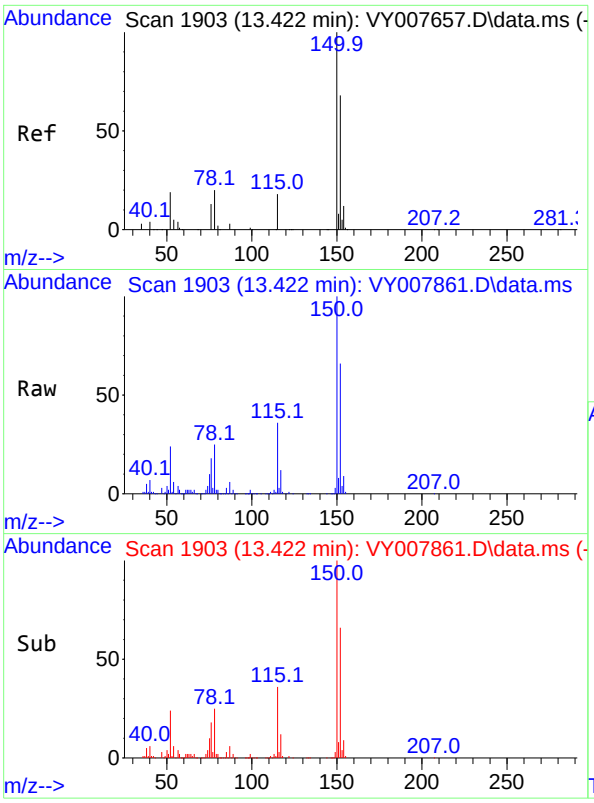


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion:117 Resp: 308734

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	32.7	25.4	38.0



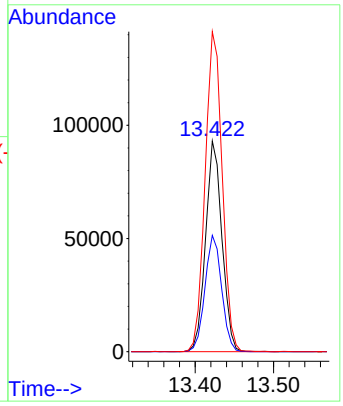


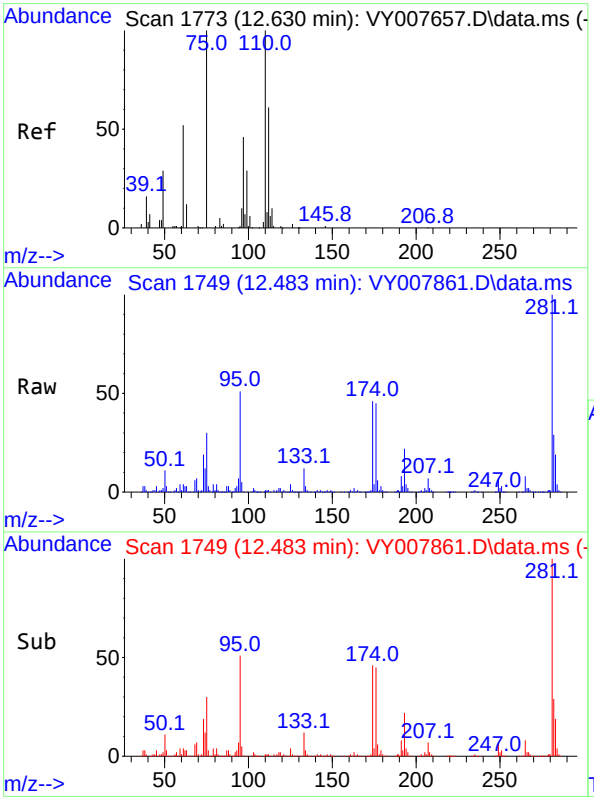
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion:152 Resp: 134853

Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	158.3	0.0	347.6

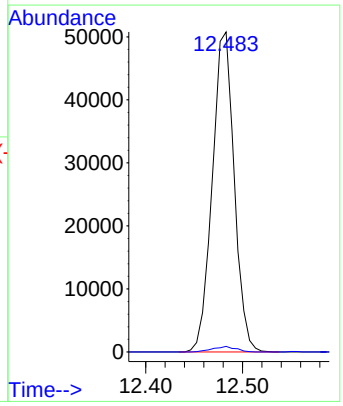


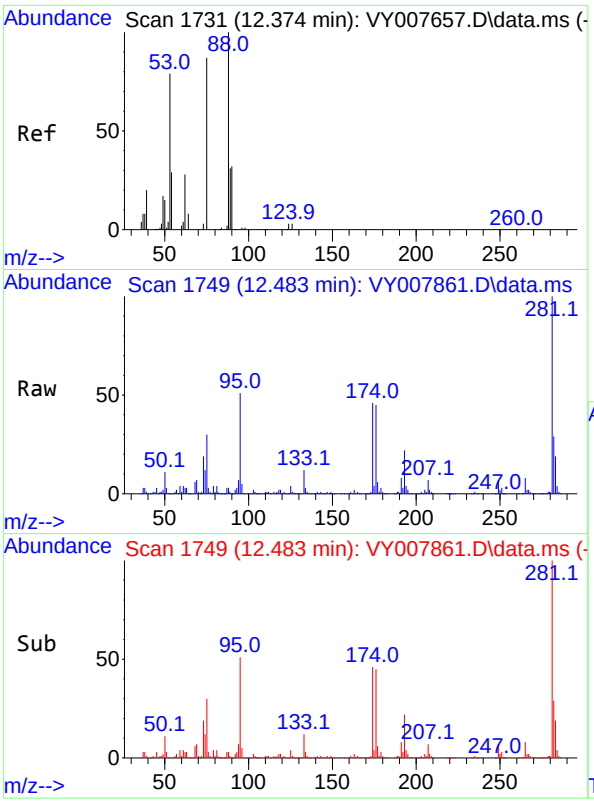


#76
1,2,3-Trichloropropane
Concen: 53.040 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Tgt Ion: 75 Resp: 79878

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.434 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.109 min
Lab File: VY007861.D
Acq: 11 Mar 2022 17:47

Instrument :
MSVOA_Y
ClientSampleId :
MB-B2-030922-5-6-DUP

Tgt Ion: 75 Resp: 79878

Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	2.6	37.0	55.4#