Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011428.D
Acq On : 11 Nov 2022 18:49
Operator : KP/MD
Sample : N5580-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Quant Time: Nov 14 05:54:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	47542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	75742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	62327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	32348	81.197	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 162.400%			
35) Dibromofluoromethane	7.716	113	31795	74.904	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 149.800%#			
50) Toluene-d8	10.179	98	92657	57.138	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.280%			
62) 4-Bromofluorobenzene	12.477	95	26281	46.465	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.920%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.923	59	771	Below Cal	#	77
16) Acetone	3.942	43	276	2.625	ug/l #	53
18) Methyl Acetate	4.460	43	33	Below Cal	#	56
20) Methylene Chloride	4.704	84	5645	2.807	ug/l #	70
25) 2-Butanone	6.966	43	248	1.656	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	830	1.109	ug/l #	55
31) Cyclohexane	7.789	56	848	1.185	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3123	4.740	ug/l #	50
38) Carbon Tetrachloride	7.783	117	4552	6.352	ug/l #	17
51) 4-Methyl-2-Pentanone	10.172	43	316	1.029	ug/l #	1
73) Isopropylbenzene	12.337	105	5836	3.706	ug/l #	65
74) N-amyl acetate	12.337	43	1963	5.926	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	13036	49.436	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	13036	118.828	ug/l #	7
82) 4-Chlorotoluene	12.885	91	2420	2.170	ug/l #	41
86) p-Isopropyltoluene	13.367	119	4054	2.861	ug/l	94

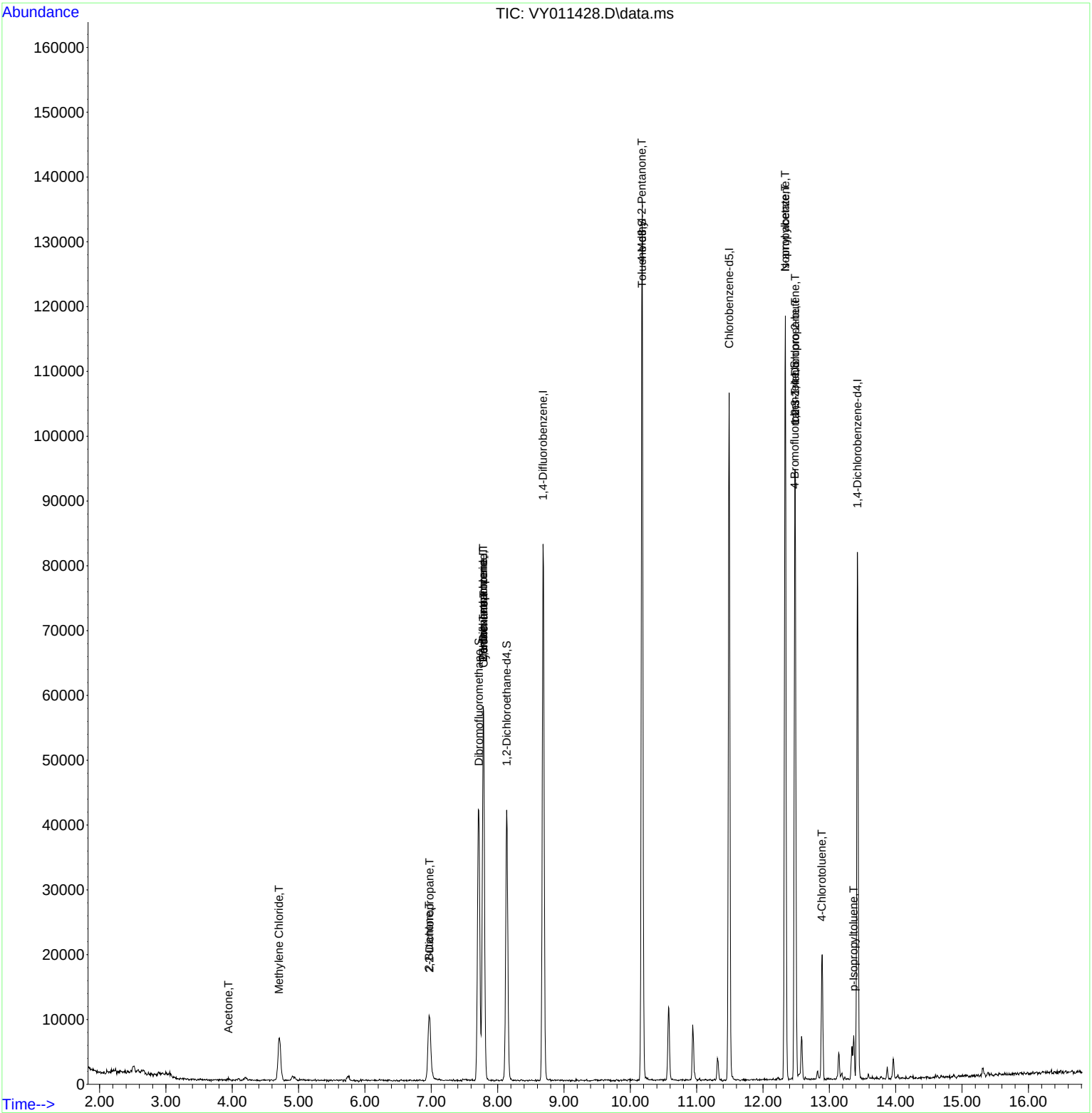
(#) = qualifier out of range (m) = manual integration (+) = signals summed

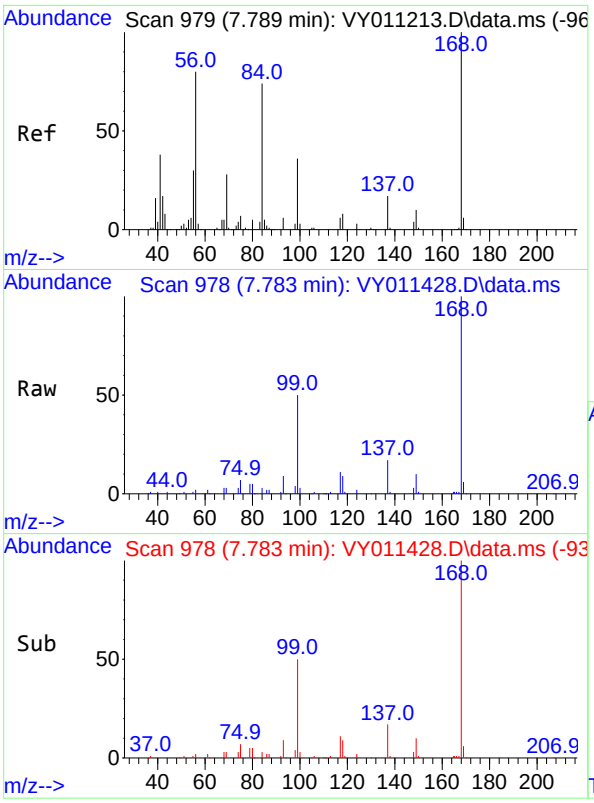
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111122\
Data File : VY011428.D
Acq On : 11 Nov 2022 18:49
Operator : KP/MD
Sample : N5580-01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Quant Time: Nov 14 05:54:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 10 17:47:26 2022
Response via : Initial Calibration



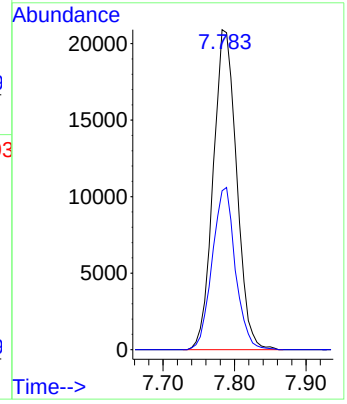


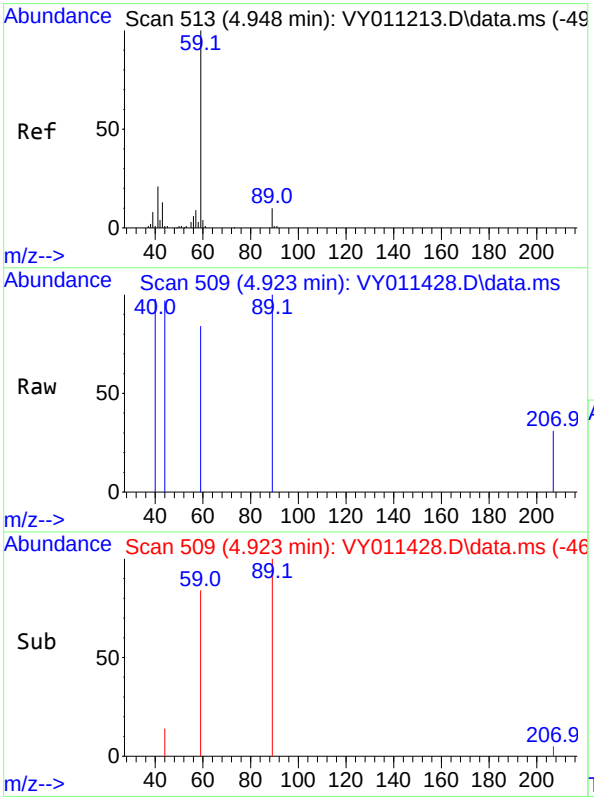
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion:168 Resp: 47542

Ion	Ratio	Lower	Upper
168	100		
99	49.6	46.9	70.3

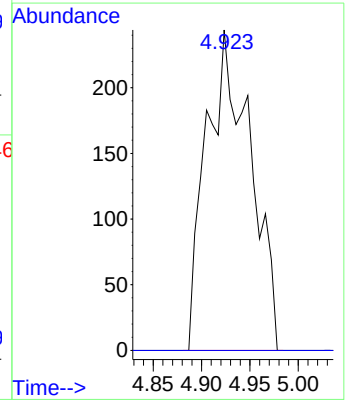


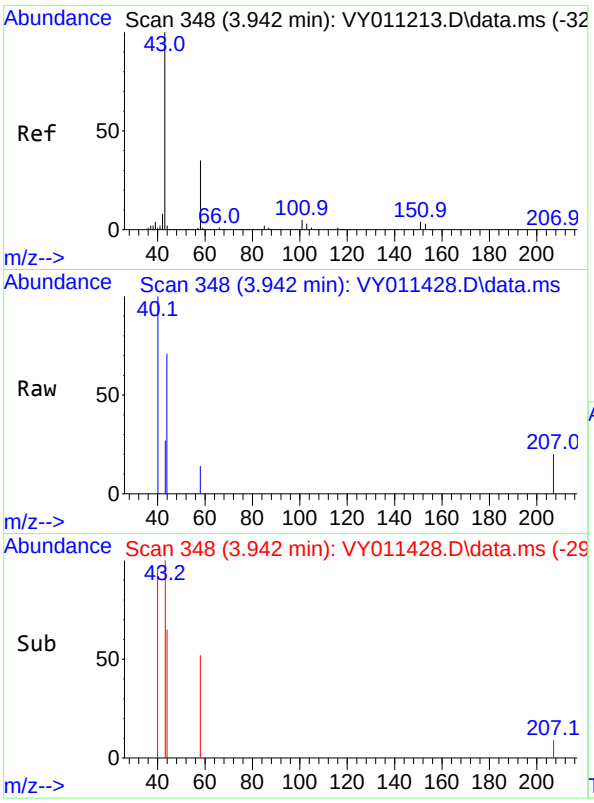


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.031 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 59 Resp: 771

Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#



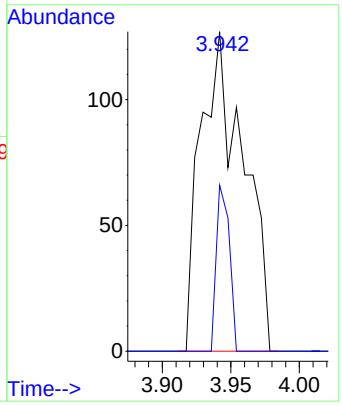


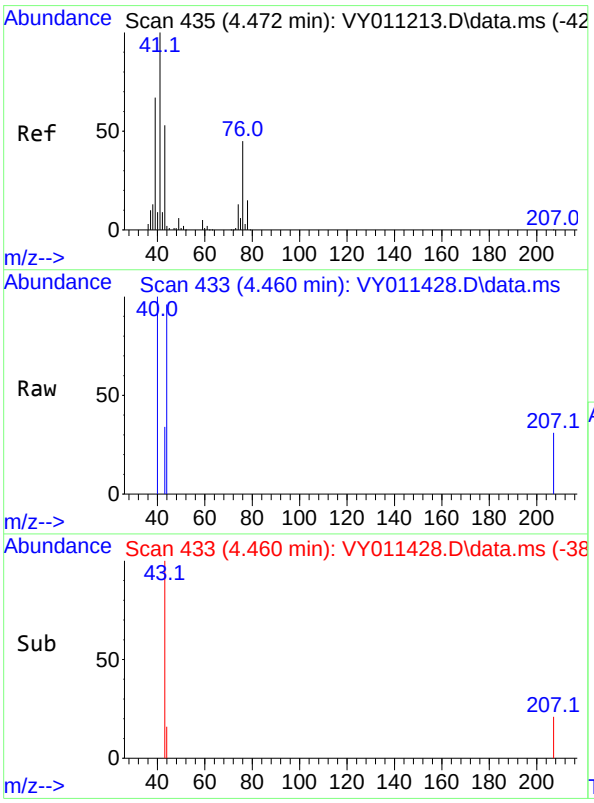
#16
Acetone
Concen: 2.625 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 43 Resp: 276

Ion	Ratio	Lower	Upper
43	100		
58	52.0	22.0	33.0#

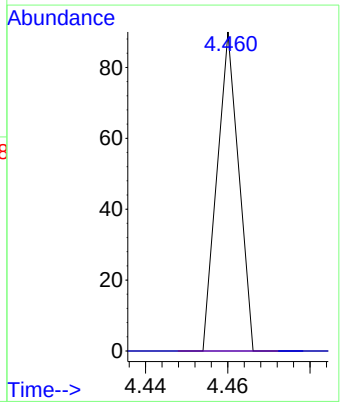


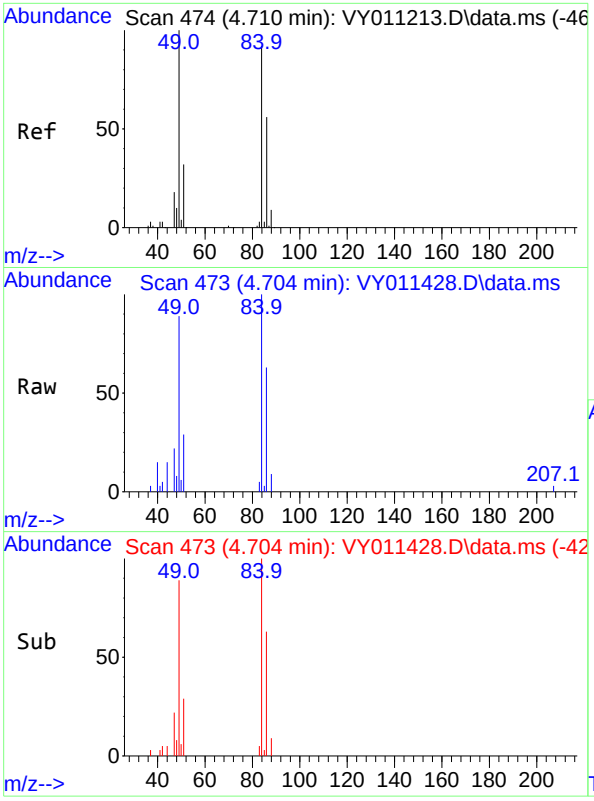


#18
Methyl Acetate
Concen: Below Cal
RT: 4.460 min Scan# 433
Delta R.T. -0.013 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 43 Resp: 33

Ion	Ratio	Lower	Upper
43	100		
74	0.0	16.6	24.8#



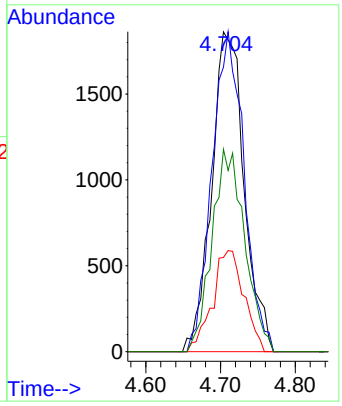


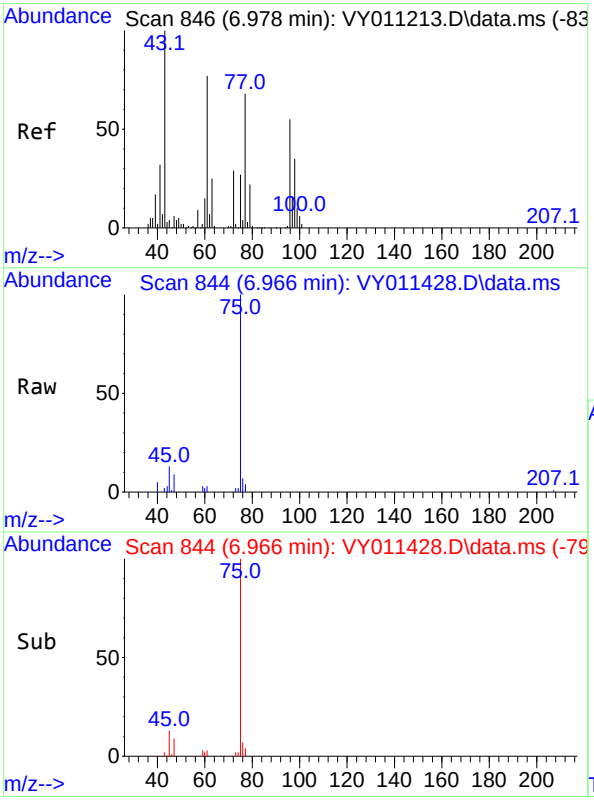
#20
Methylene Chloride
Concen: 2.807 ug/l
RT: 4.704 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 84 Resp: 5645

Ion	Ratio	Lower	Upper
84	100		
49	89.0	114.4	171.6#
51	29.5	35.3	52.9#
86	63.3	53.7	80.5

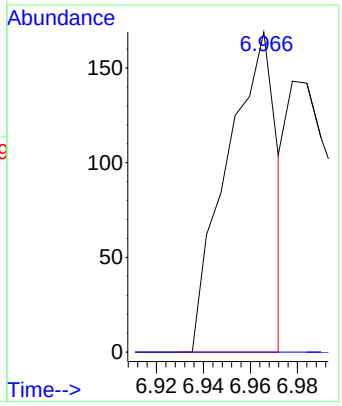


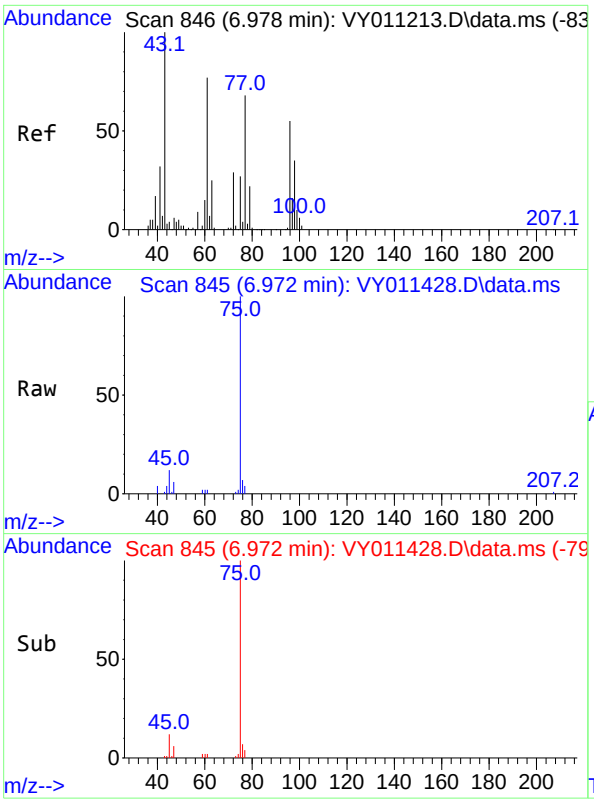


#25
2-Butanone
Concen: 1.656 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 43 Resp: 248

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



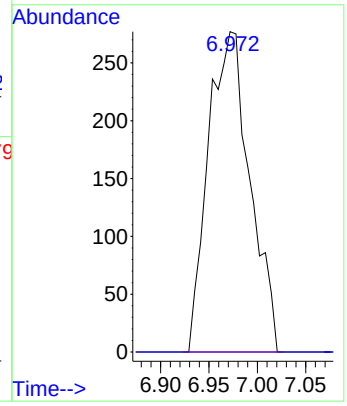


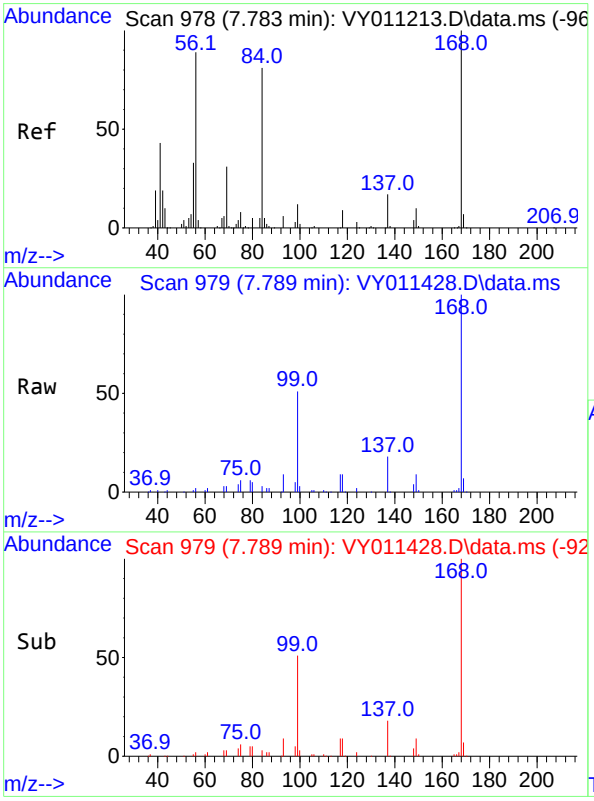
#26
2,2-Dichloropropane
Concen: 1.109 ug/l
RT: 6.972 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 77 Resp: 830

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.4	31.4#

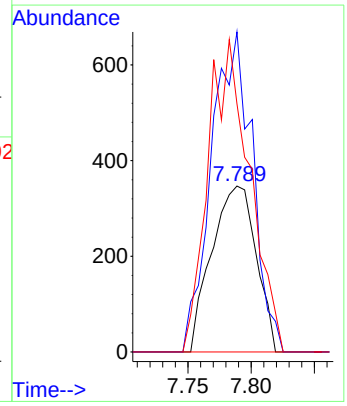


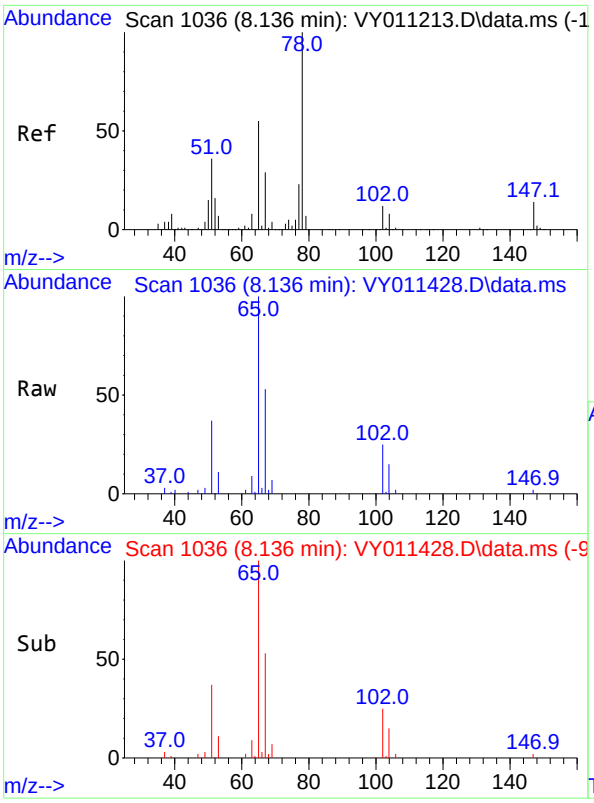


#31
Cyclohexane
Concen: 1.185 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 56 Resp: 848

Ion	Ratio	Lower	Upper
56	100		
69	192.8	26.7	40.1#
84	149.6	67.2	100.8#



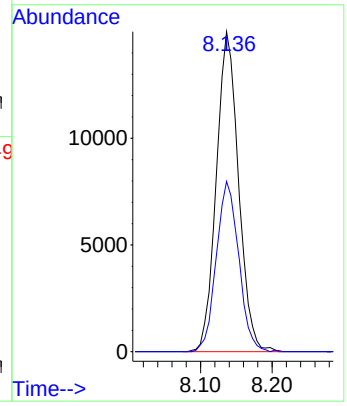


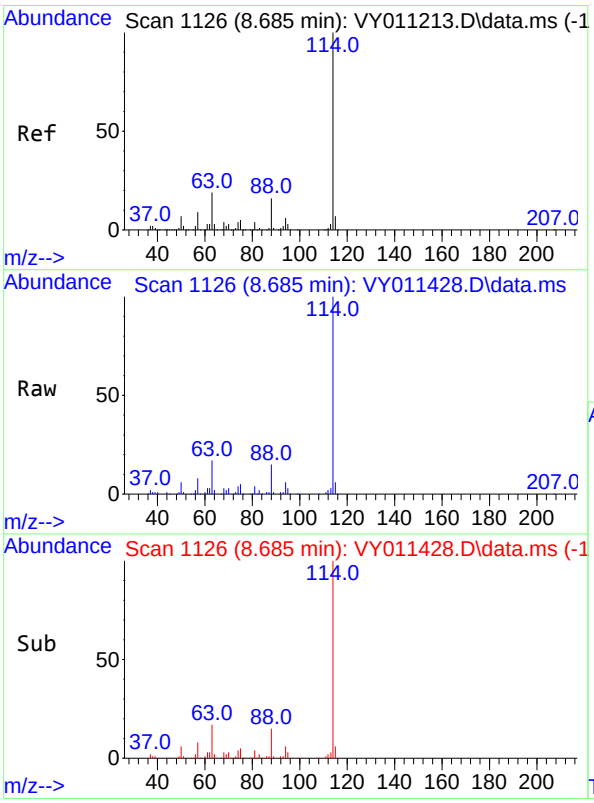
#33
1,2-Dichloroethane-d4
Concen: 81.197 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 65 Resp: 32348

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	99.4

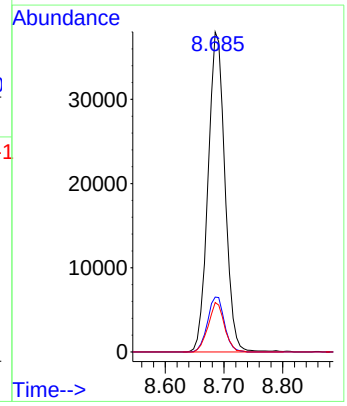


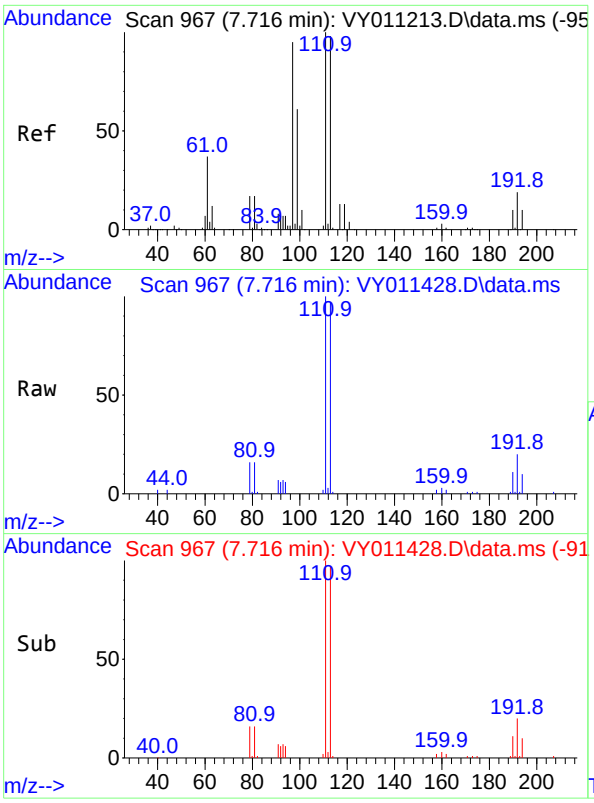


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion:114 Resp: 75742

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	43.2
88	15.5	0.0	31.8



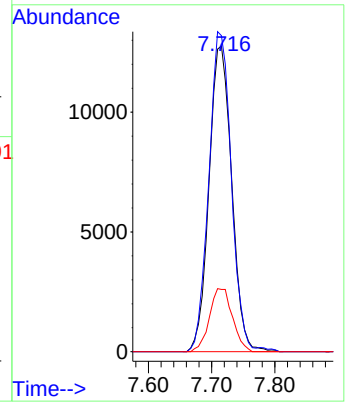


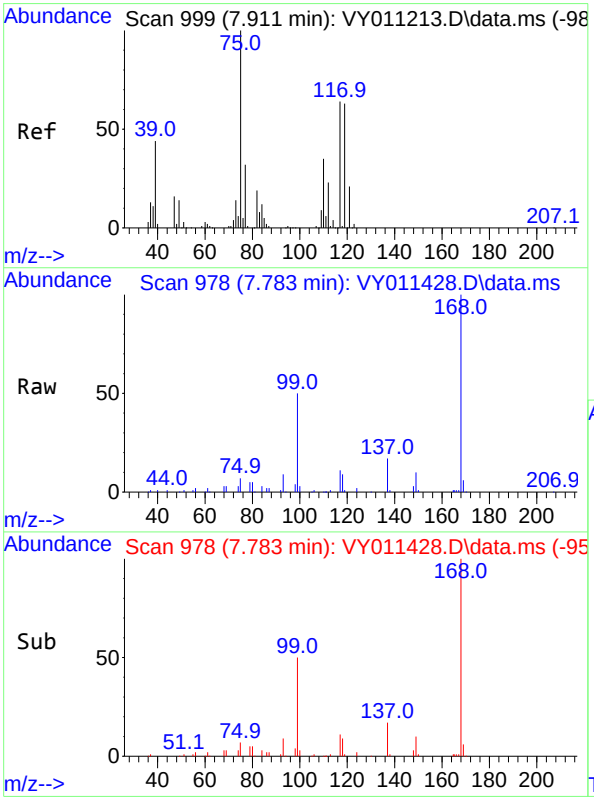
#35
Dibromofluoromethane
Concen: 74.904 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion:113 Resp: 31795

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	124.0
192	20.9	17.6	26.4

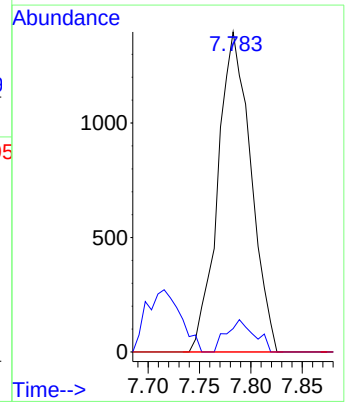


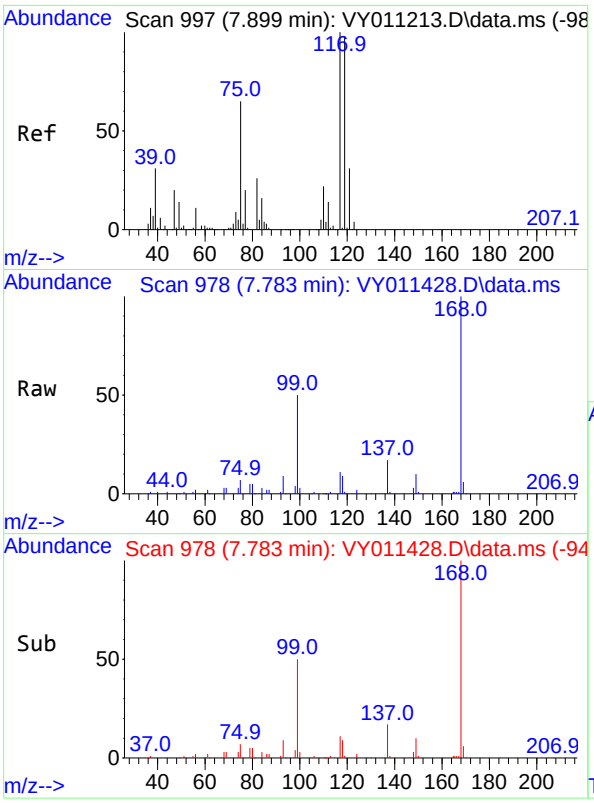


#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 75 Resp: 3123

Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.1	51.2#
77	0.0	24.4	36.6#



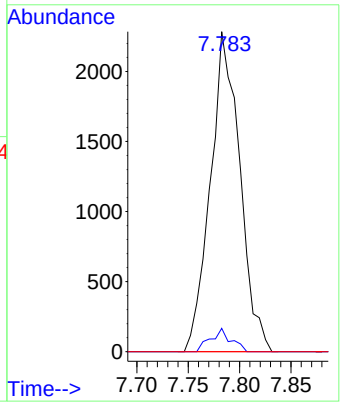


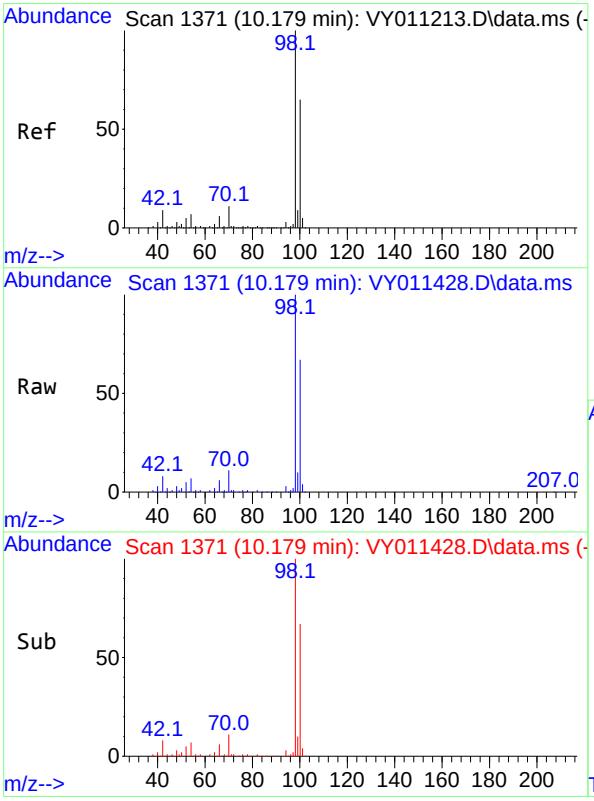
#38
Carbon Tetrachloride
Concen: 6.352 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.116 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion:117 Resp: 4552

Ion	Ratio	Lower	Upper
117	100		
119	7.3	77.9	116.9#
121	0.0	24.8	37.2#

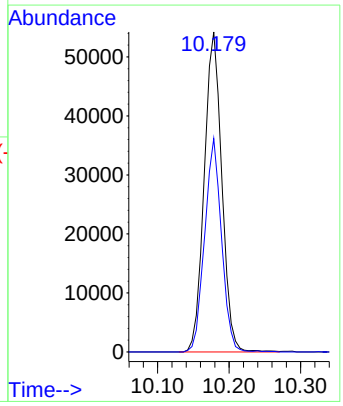


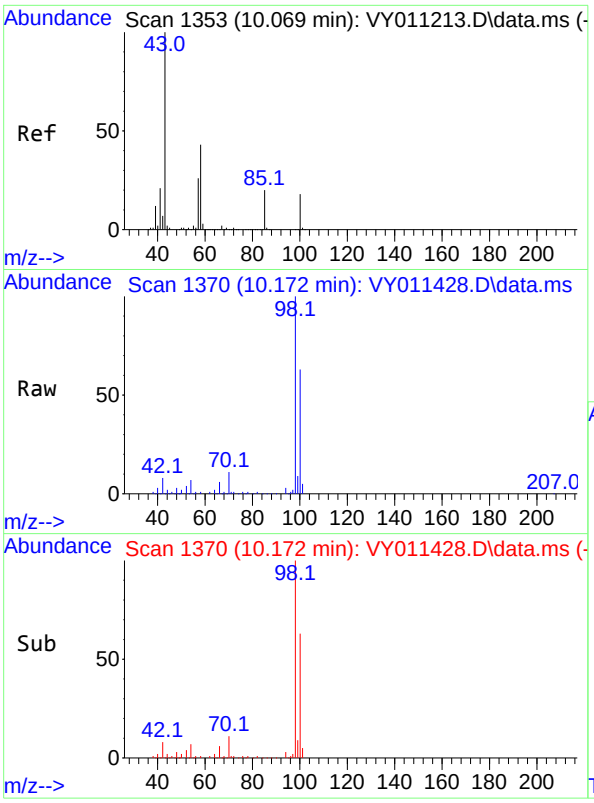


#50
Toluene-d8
Concen: 57.138 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 98 Resp: 92657

Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.2	75.2



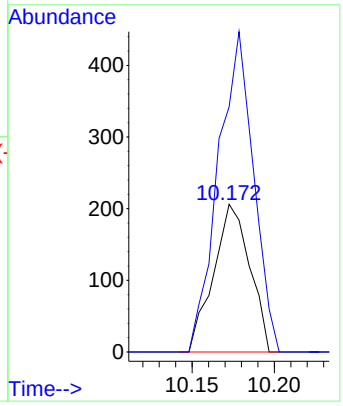


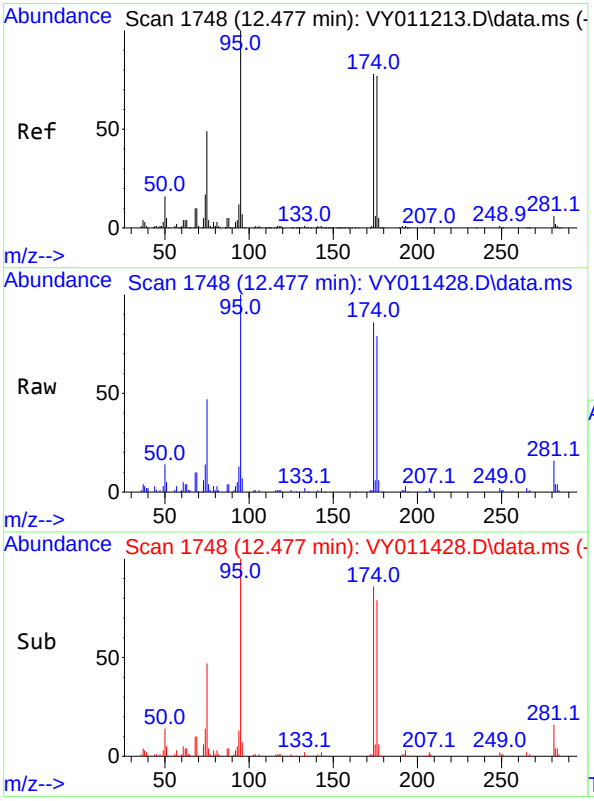
#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.172 min Scan# 1
Delta R.T. 0.103 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 43 Resp: 316

Ion	Ratio	Lower	Upper
43	100		
58	211.4	28.1	42.1#

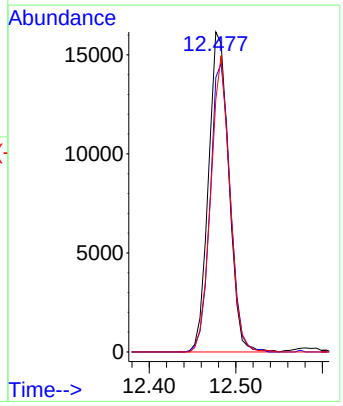


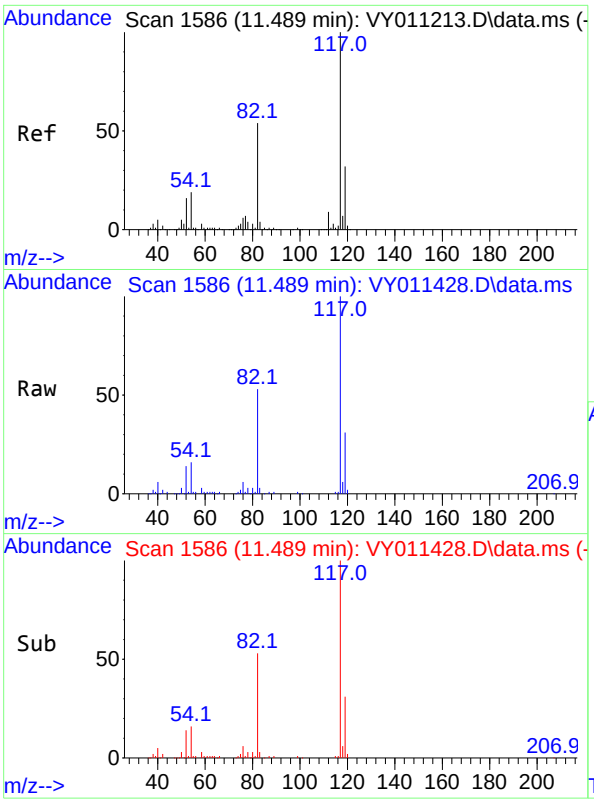


#62
4-Bromofluorobenzene
Concen: 46.465 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 95 Resp: 26281

Ion	Ratio	Lower	Upper
95	100		
174	88.9	0.0	177.0
176	87.3	0.0	175.8



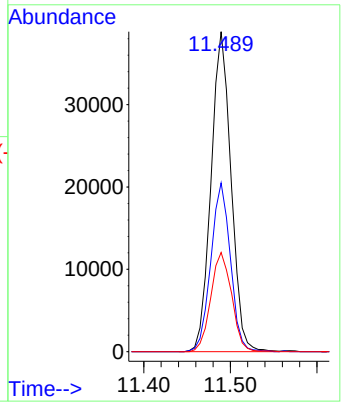


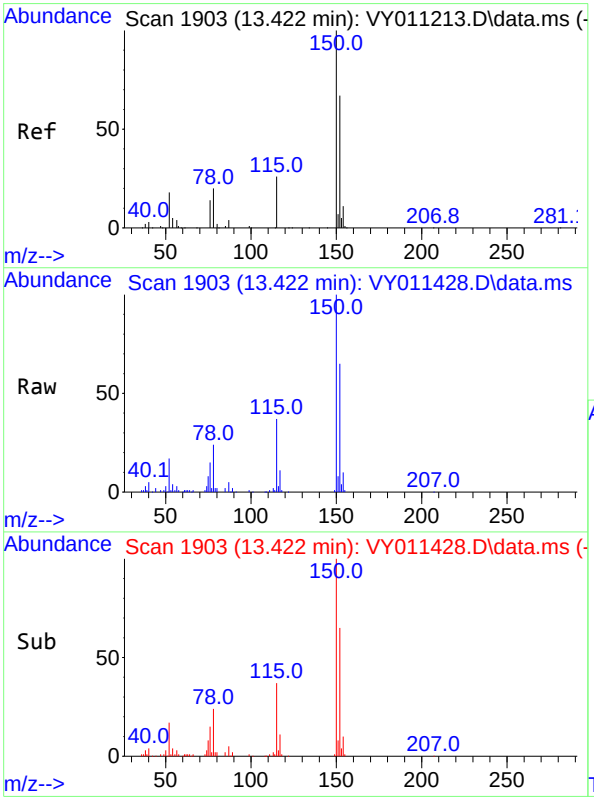
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion:117 Resp: 62327

Ion	Ratio	Lower	Upper
117	100		
82	52.8	43.0	64.4
119	31.0	25.4	38.0

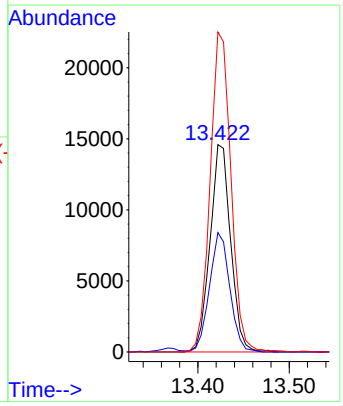


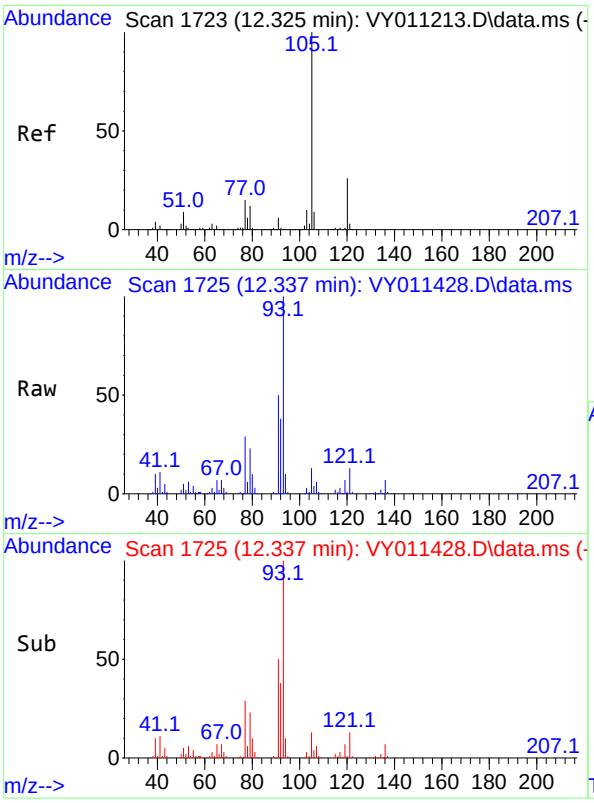


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion:152 Resp: 22781

Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	155.9	0.0	347.6



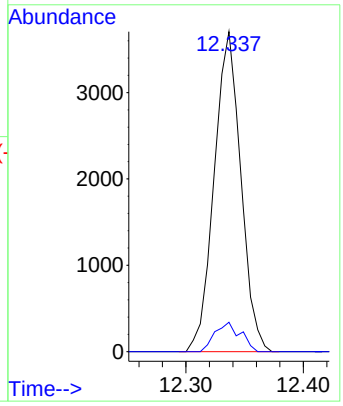


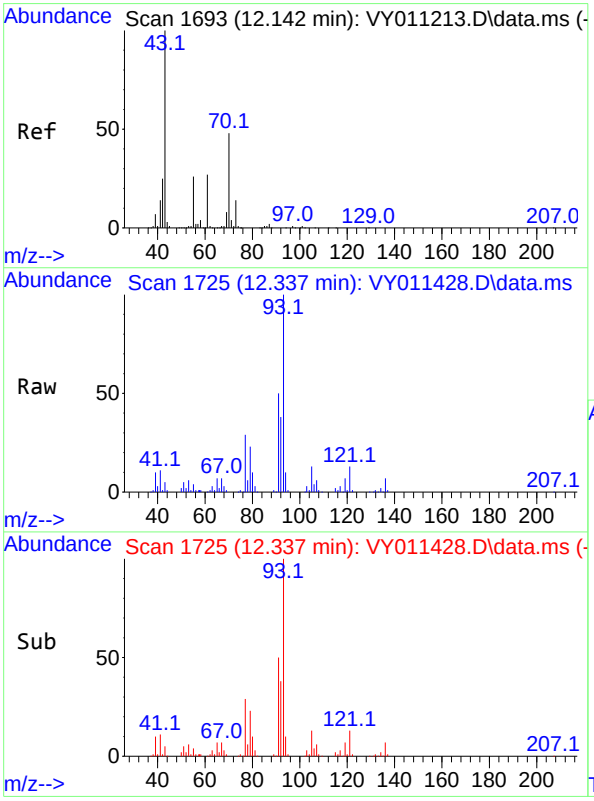
#73
Isopropylbenzene
Concen: 3.706 ug/l
RT: 12.337 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion:105 Resp: 5836

Ion	Ratio	Lower	Upper
105	100		
120	8.8	13.4	40.2#

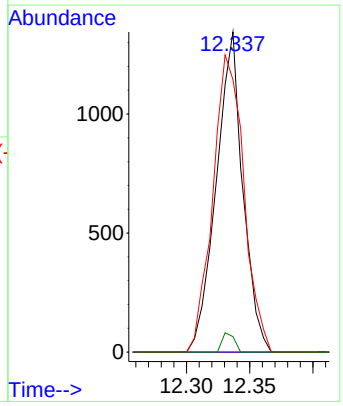


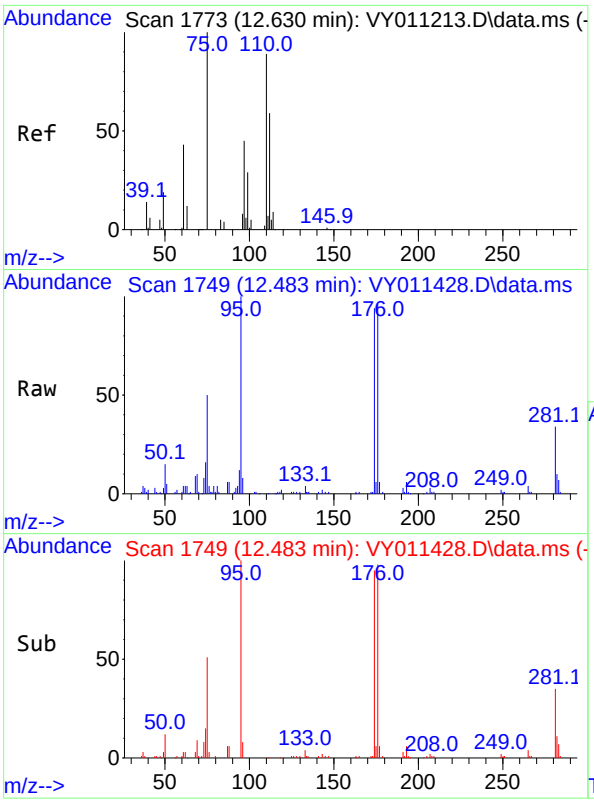


#74
N-amyl acetate
Concen: 5.926 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.195 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 43 Resp: 1963

Ion	Ratio	Lower	Upper
43	100		
70	0.0	28.7	43.1#
55	108.5	17.3	25.9#
61	2.7	17.0	25.6#



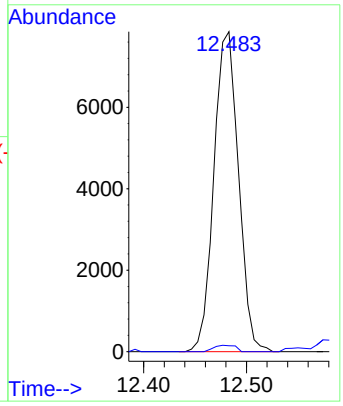


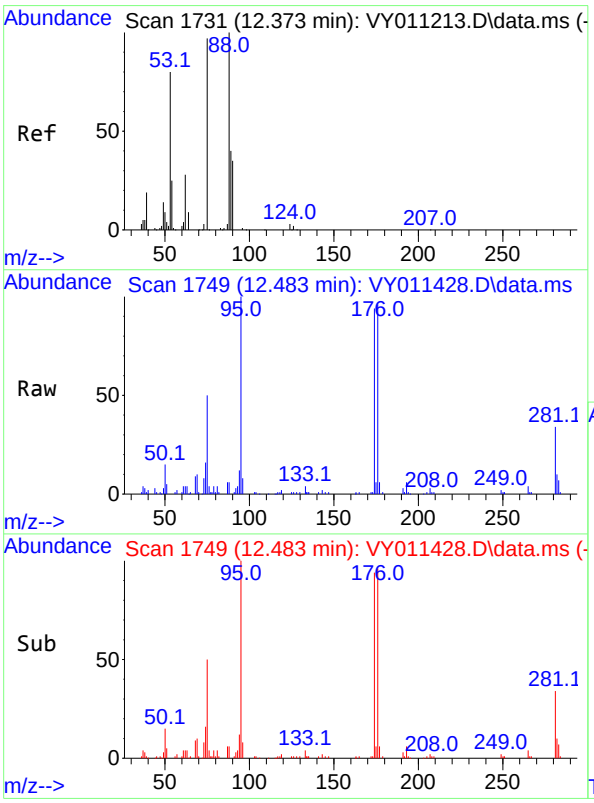
#76
1,2,3-Trichloropropane
Concen: 49.436 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.147 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 75 Resp: 13036

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

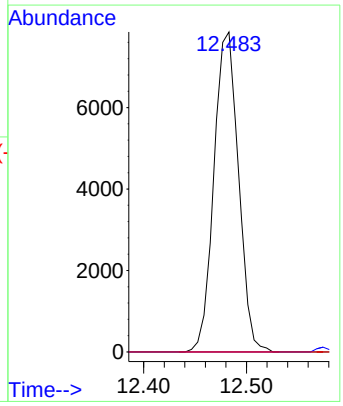


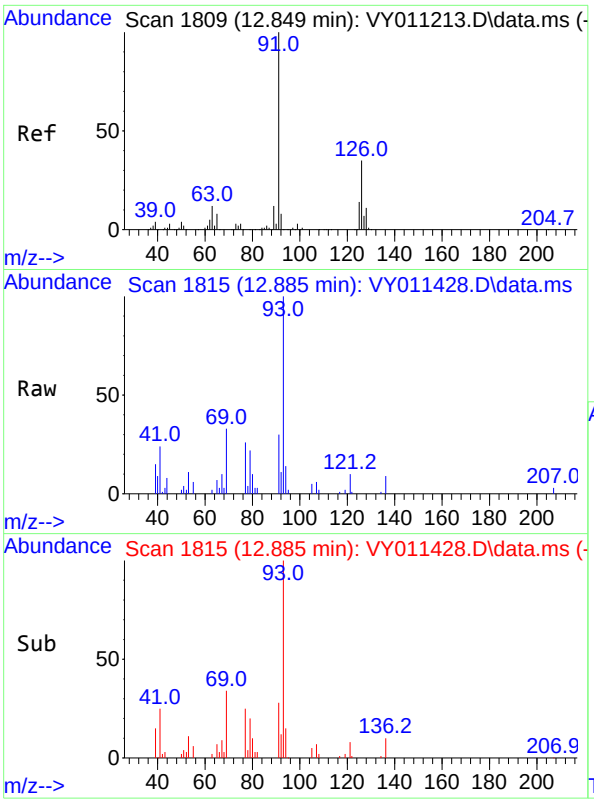


#81
trans-1,4-Dichloro-2-butene
Concen: 118.828 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion: 75 Resp: 13036

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



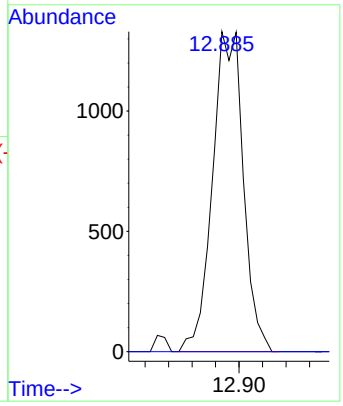


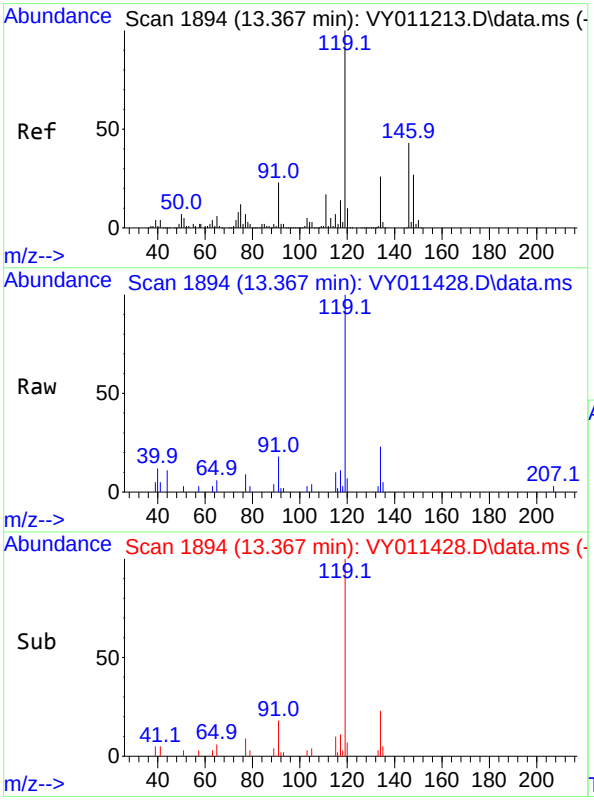
#82
4-Chlorotoluene
Concen: 2.170 ug/l
RT: 12.885 min Scan# 1
Delta R.T. 0.030 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Instrument :
MSVOA_Y
ClientSampleId :
SU-02-111022

Tgt Ion: 91 Resp: 2420

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.0	51.0#





#86
p-Isopropyltoluene
Concen: 2.861 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY011428.D
Acq: 11 Nov 2022 18:49

Tgt Ion:119 Resp: 4054

Ion	Ratio	Lower	Upper
119	100		
134	26.4	13.2	39.5
91	30.8	12.4	37.2