Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
Data File : VY011638.D
Acq On : 30 Nov 2022 14:05
Operator : KP/MD
Sample : N5809-05
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Quant Time: Dec 01 05:23:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
Quant Title : SW846 8260
QLast Update : Sat Nov 19 22:37:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	843	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	1432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1194	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1090	127.340	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 254.680%#			
35) Dibromofluoromethane	7.710	113	418	47.418	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 94.840%			
50) Toluene-d8	10.179	98	1871	58.407	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.820%			
62) 4-Bromofluorobenzene	12.489	95	334	28.200	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 56.400%			
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	210	22.287	ug/l #	35
76) 1,2,3-Trichloropropane	12.489	75	60	21.935	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	60	48.044	ug/l #	7

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

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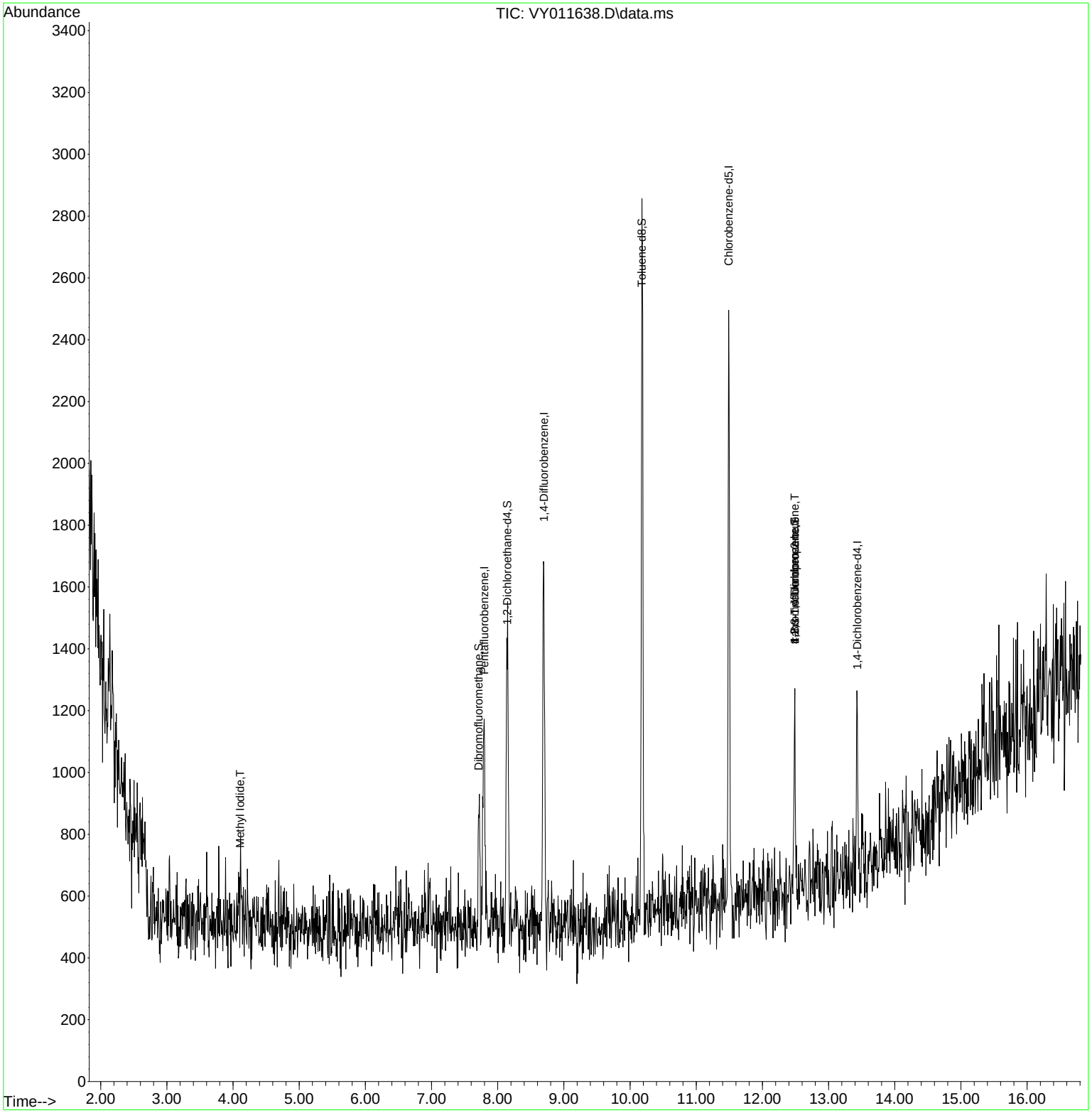
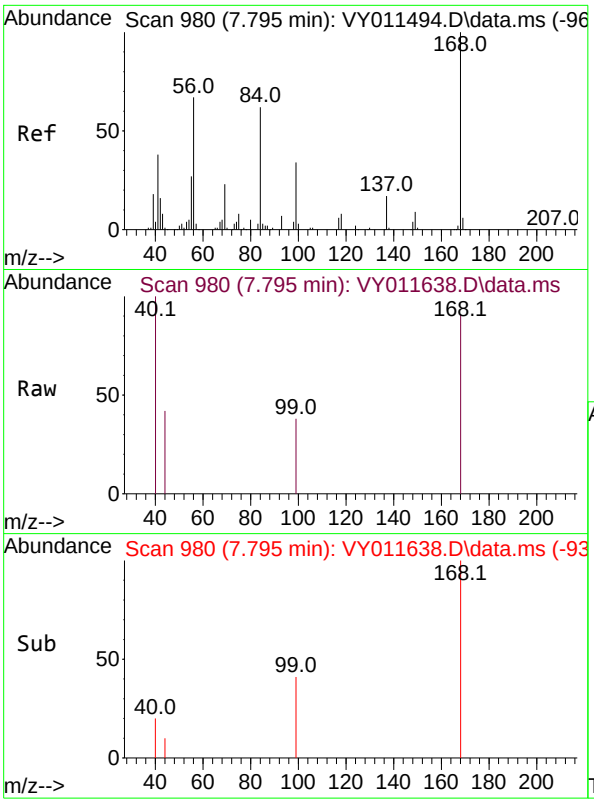


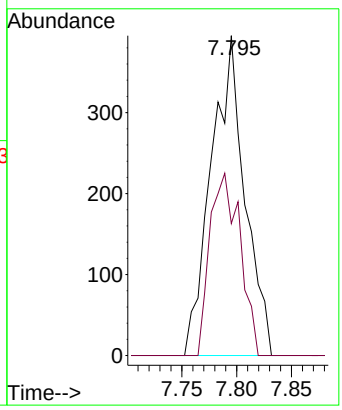


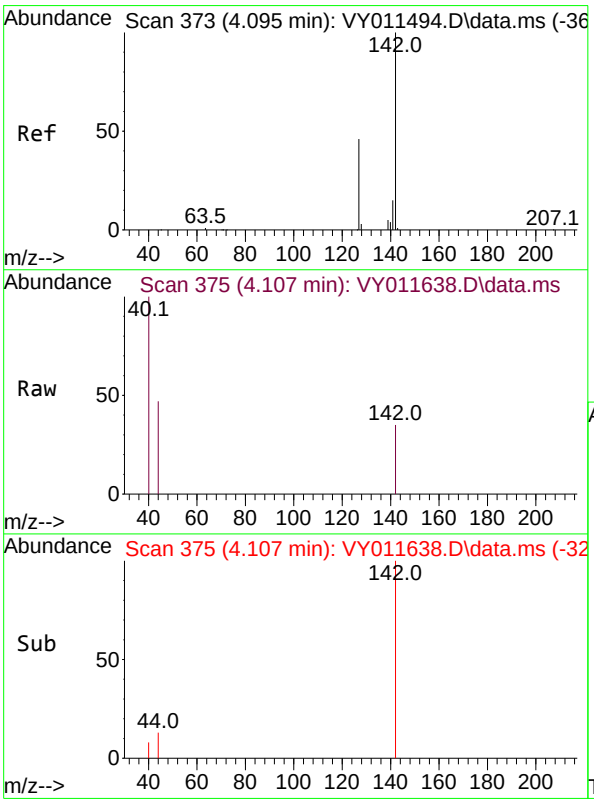
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion:168 Resp: 843

Ion	Ratio	Lower	Upper
168	100		
99	41.3	46.9	70.3#

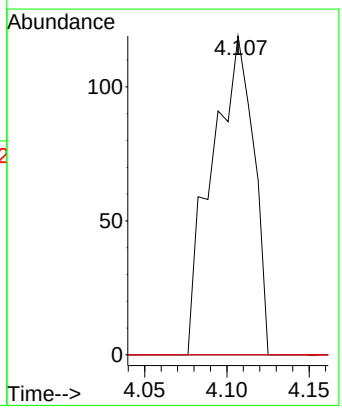


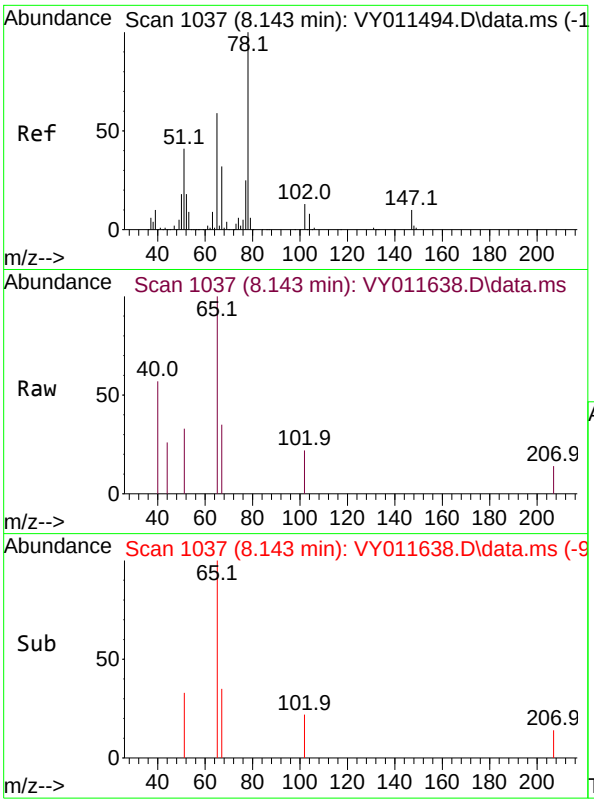


#10
Methyl Iodide
Concen: 22.287 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion:142 Resp: 210

Ion	Ratio	Lower	Upper
142	100		
127	0.0	41.5	62.3#
141	0.0	11.9	17.9#



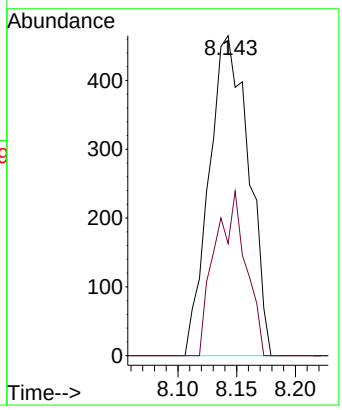


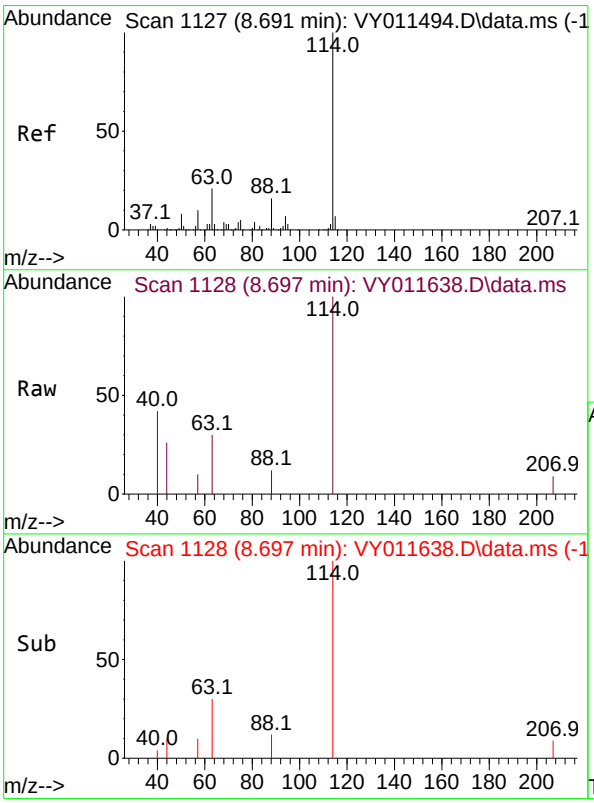
#33
1,2-Dichloroethane-d4
Concen: 127.340 ug/l
RT: 8.143 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion: 65 Resp: 1090

Ion	Ratio	Lower	Upper
65	100		
67	40.2	0.0	99.4

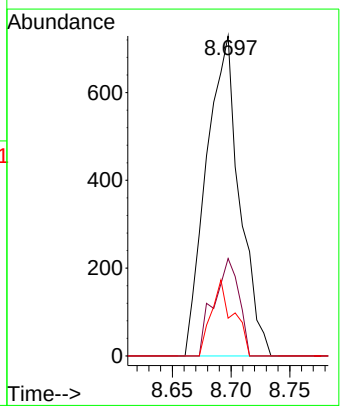


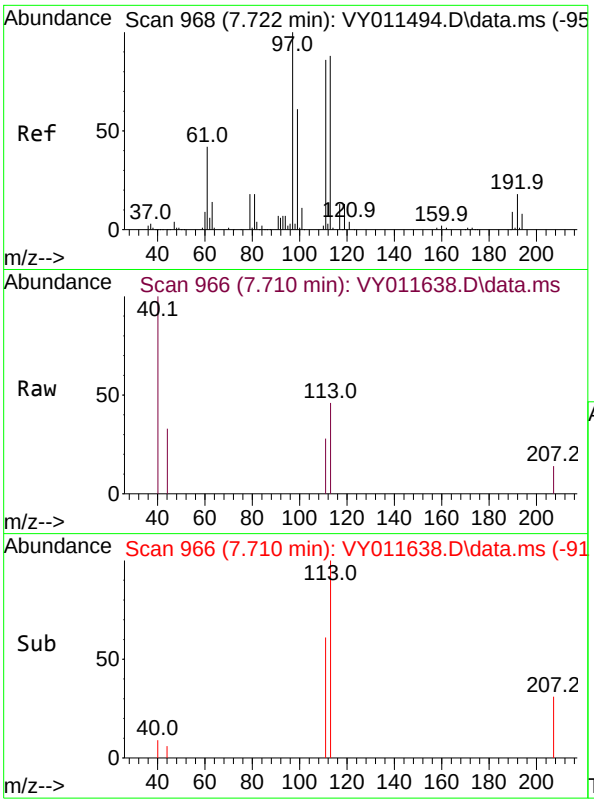


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion:114 Resp: 1432

Ion	Ratio	Lower	Upper
114	100		
63	30.5	0.0	43.2
88	11.8	0.0	31.8



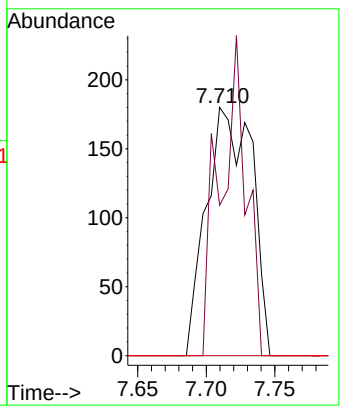


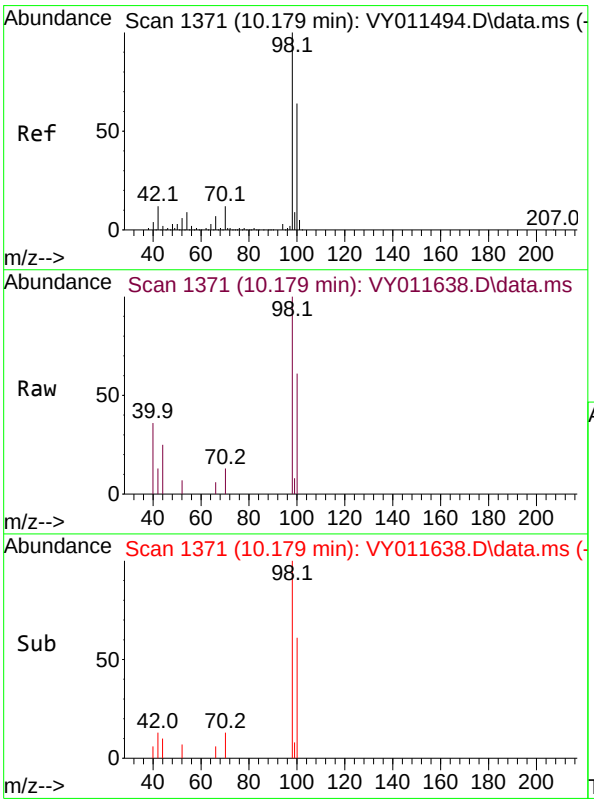
#35
Dibromofluoromethane
Concen: 47.418 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion:113 Resp: 418

Ion	Ratio	Lower	Upper
113	100		
111	73.9	82.6	124.0#
192	0.0	17.6	26.4#

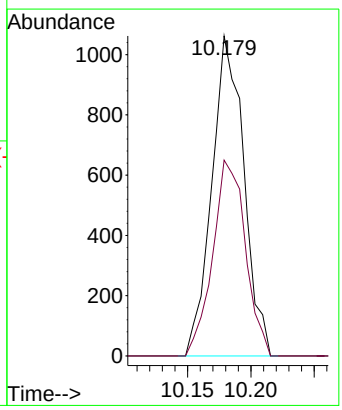


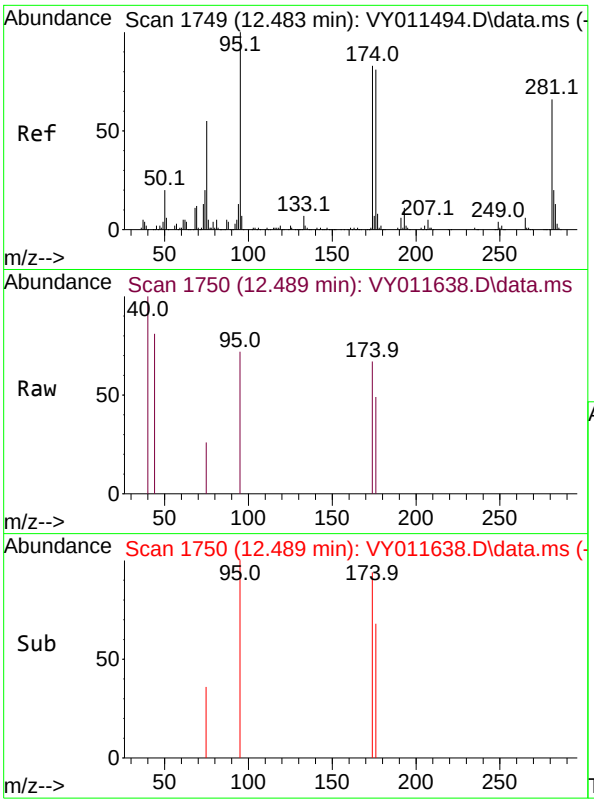


#50
Toluene-d8
Concen: 58.407 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion: 98 Resp: 1871

Ion	Ratio	Lower	Upper
98	100		
100	62.3	50.2	75.2



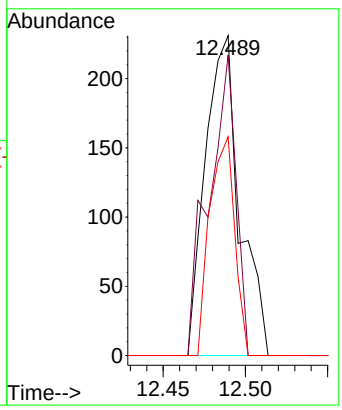


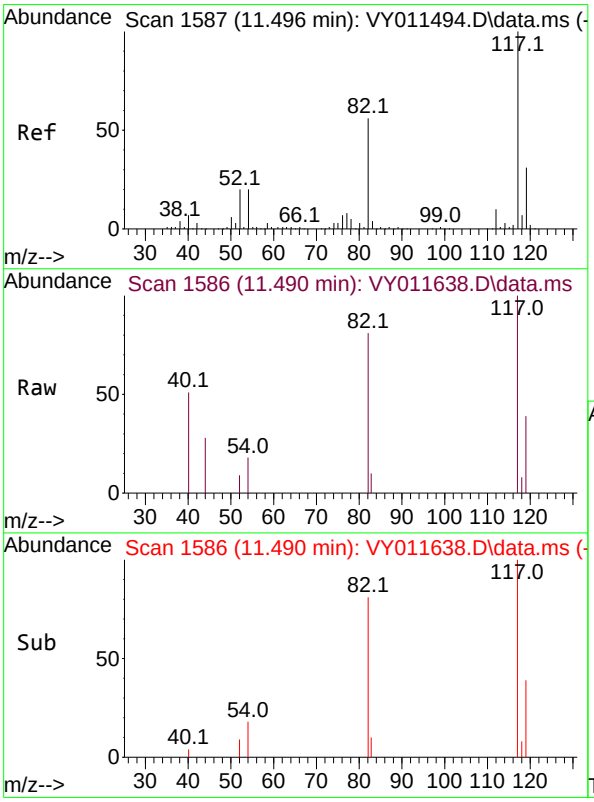
#62
4-Bromofluorobenzene
Concen: 28.200 ug/l
RT: 12.489 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion: 95 Resp: 334

Ion	Ratio	Lower	Upper
95	100		
174	75.1	0.0	177.0
176	49.7	0.0	175.8

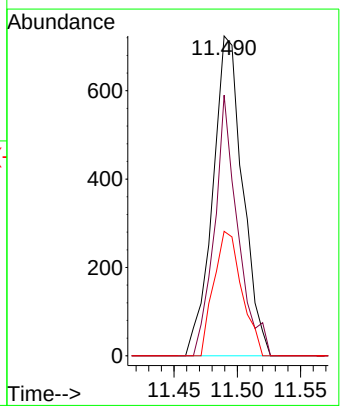


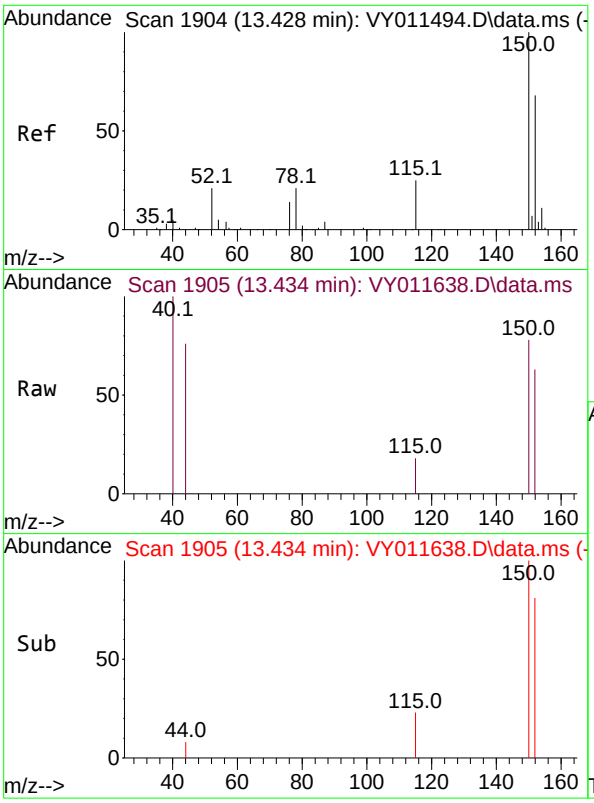


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion:117 Resp: 1194

Ion	Ratio	Lower	Upper
117	100		
82	81.5	43.0	64.4#
119	39.0	25.4	38.0#



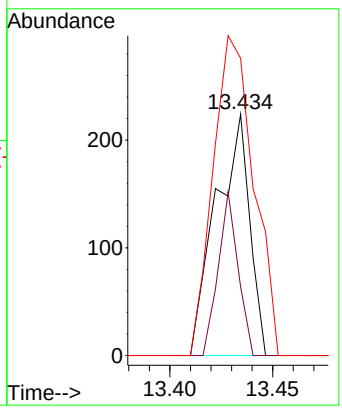


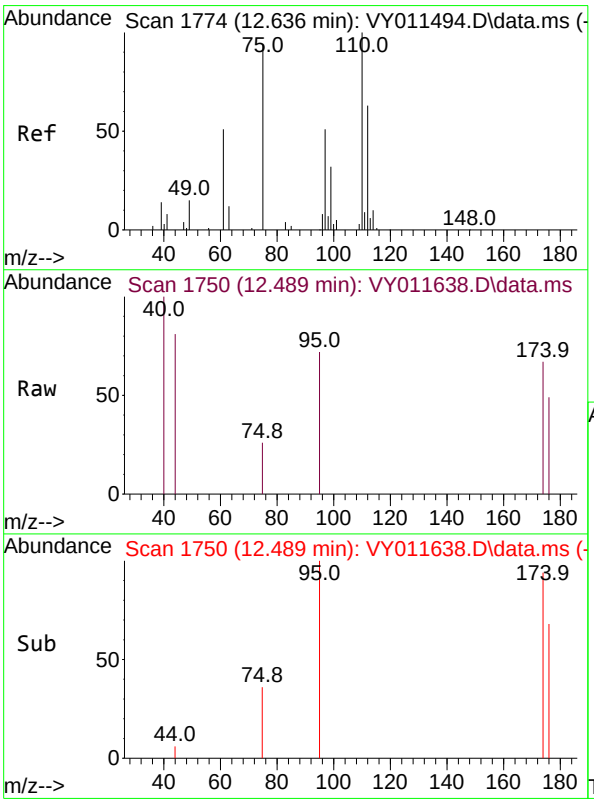
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion:152 Resp: 254

Ion	Ratio	Lower	Upper
152	100		
115	40.2	28.2	84.7
150	161.0	0.0	347.6

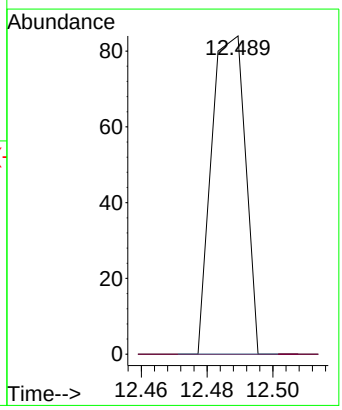


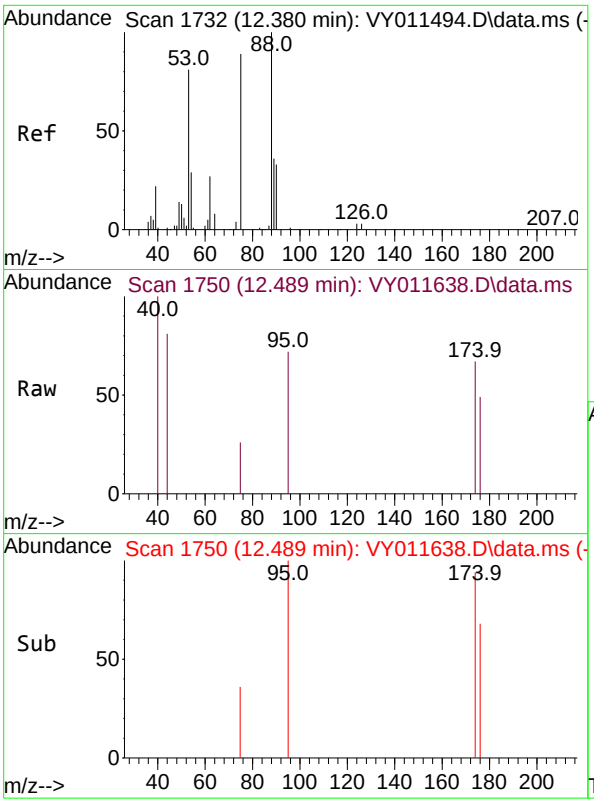


#76
1,2,3-Trichloropropane
Concen: 21.935 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.147 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Tgt Ion: 75 Resp: 60

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 48.044 ug/l
RT: 12.489 min Scan# 1
Delta R.T. 0.109 min
Lab File: VY011638.D
Acq: 30 Nov 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
HOWE-DRUM-C-1129

Tgt Ion: 75 Resp: 60

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