Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
Data File : VY011702.D
Acq On : 05 Dec 2022 17:26
Operator : KP/MD
Sample : N5870-03RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Quant Time: Dec 06 00:37:36 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	7.789	168	439	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	583	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	208	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	615	137.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 275.940%#			
35) Dibromofluoromethane	7.722	113	201	32.169	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 64.340%			
50) Toluene-d8	10.179	98	1054	46.420	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 92.840%			
62) 4-Bromofluorobenzene	12.477	95	183	21.799	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 43.600%			
Target Compounds						Qvalue
10) Methyl Iodide	4.107	142	64	13.043	ug/l #	35
20) Methylene Chloride	4.722	84	20	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.508	75	41	18.303	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44	43.024	ug/l #	7

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

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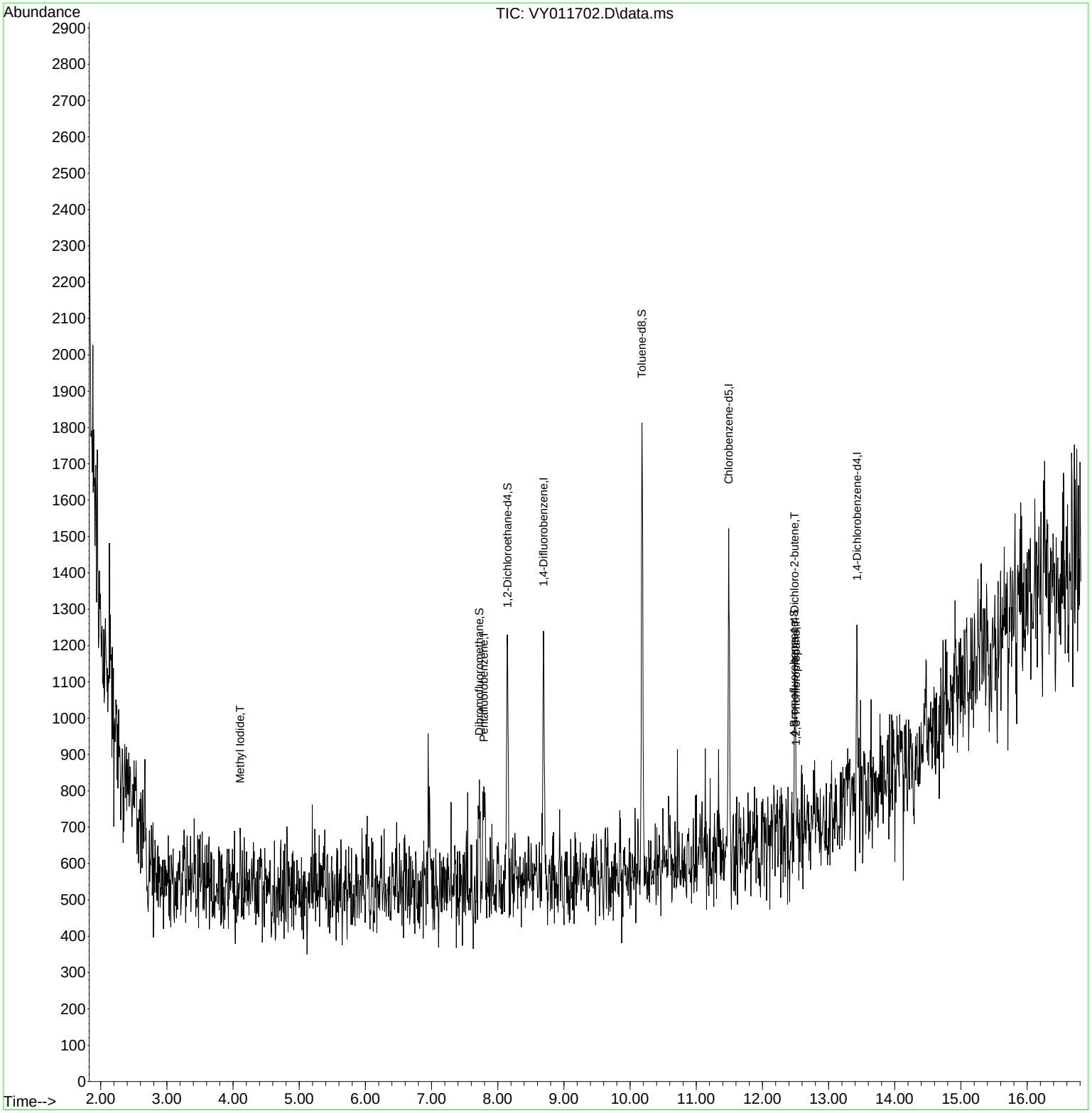
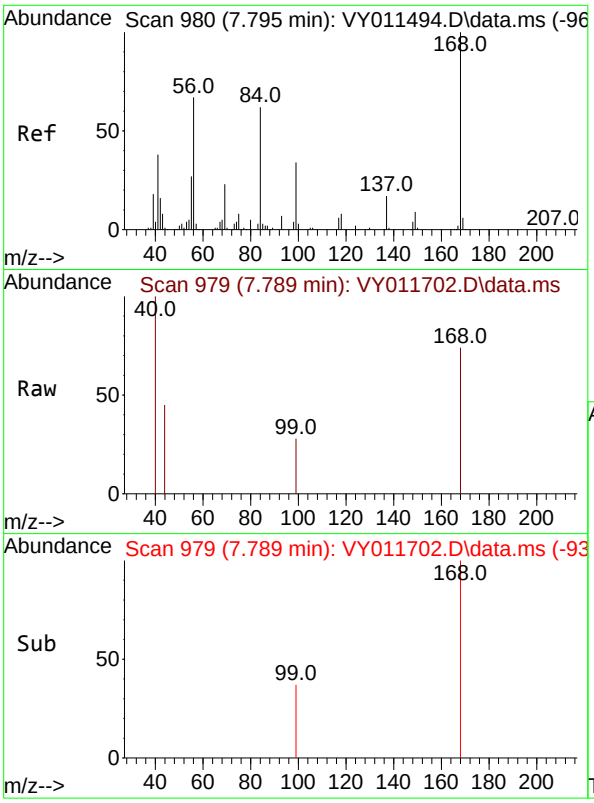


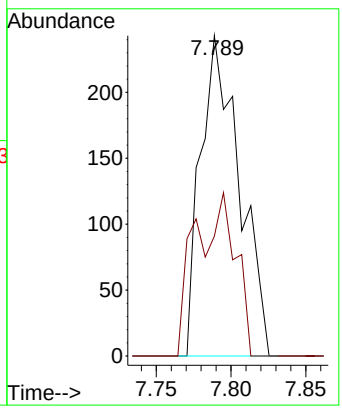


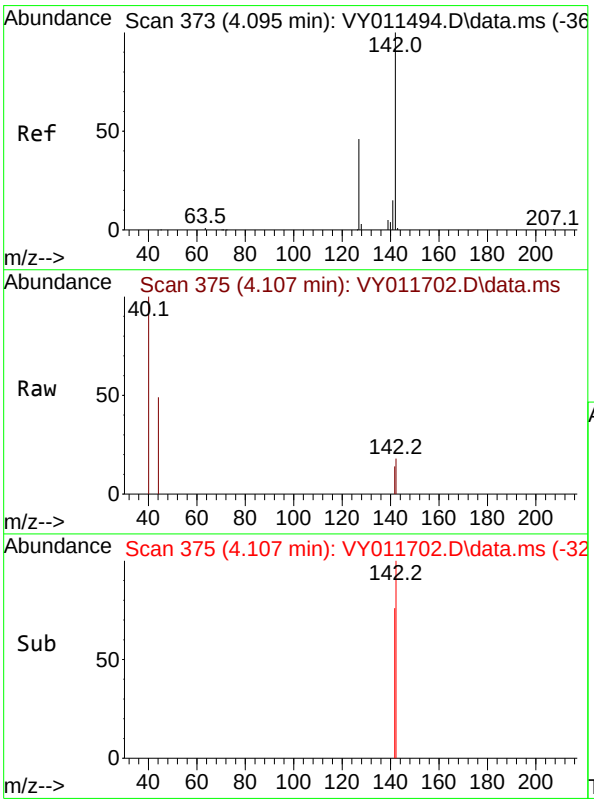
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion:168 Resp: 439

Ion	Ratio	Lower	Upper
168	100		
99	37.4	46.9	70.3#

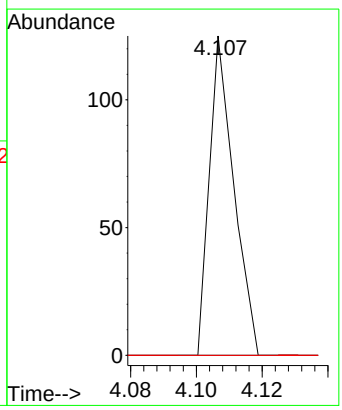


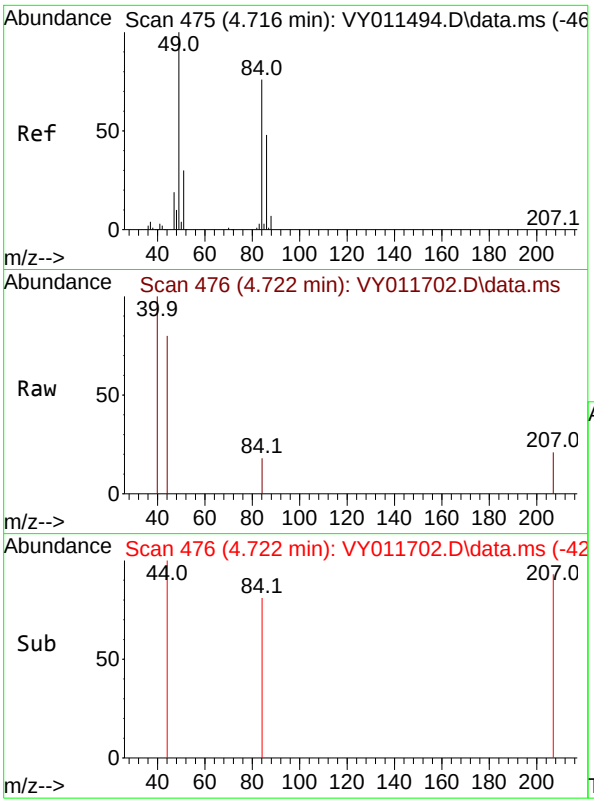


#10
Methyl Iodide
Concen: 13.043 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.012 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion:142 Resp: 64

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



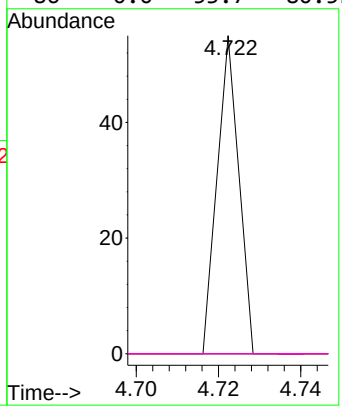


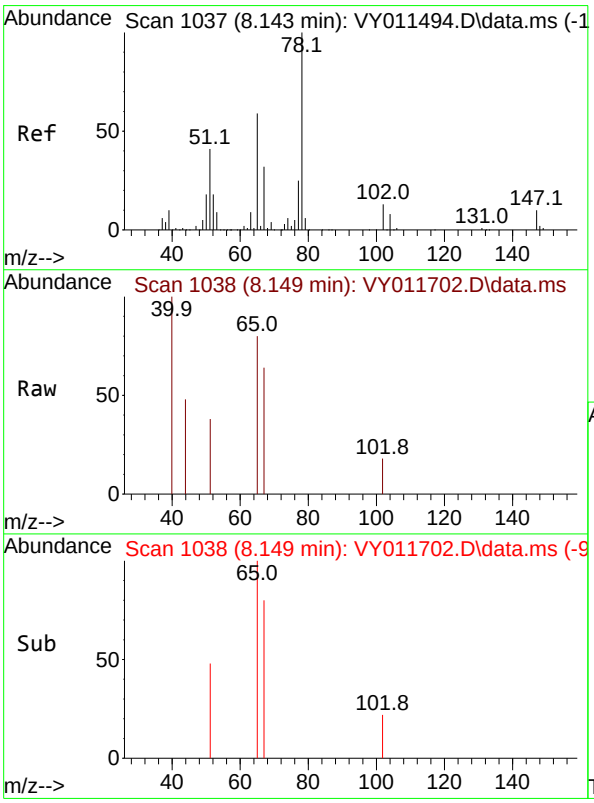
#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 4
Delta R.T. 0.006 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion: 84 Resp: 20

Ion	Ratio	Lower	Upper
84	100		
49	0.0	114.4	171.6#
51	0.0	35.3	52.9#
86	0.0	53.7	80.5#

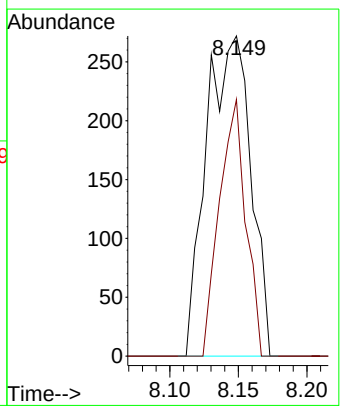


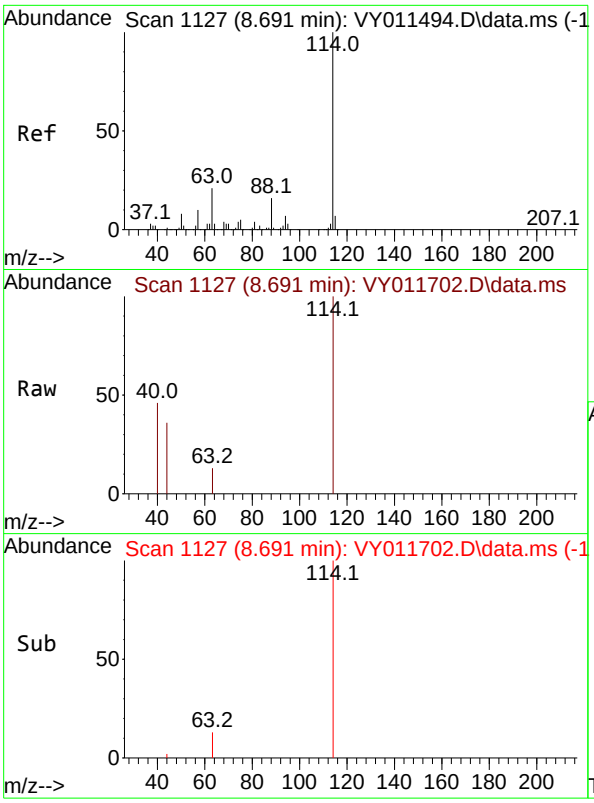


#33
1,2-Dichloroethane-d4
Concen: 137.967 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion: 65 Resp: 615

Ion	Ratio	Lower	Upper
65	100		
67	47.3	0.0	99.4



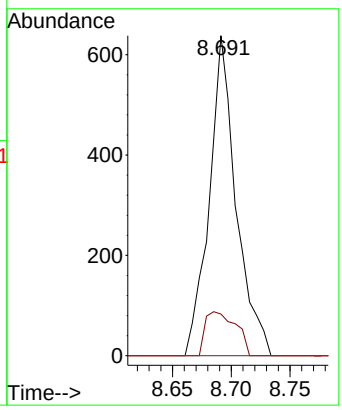


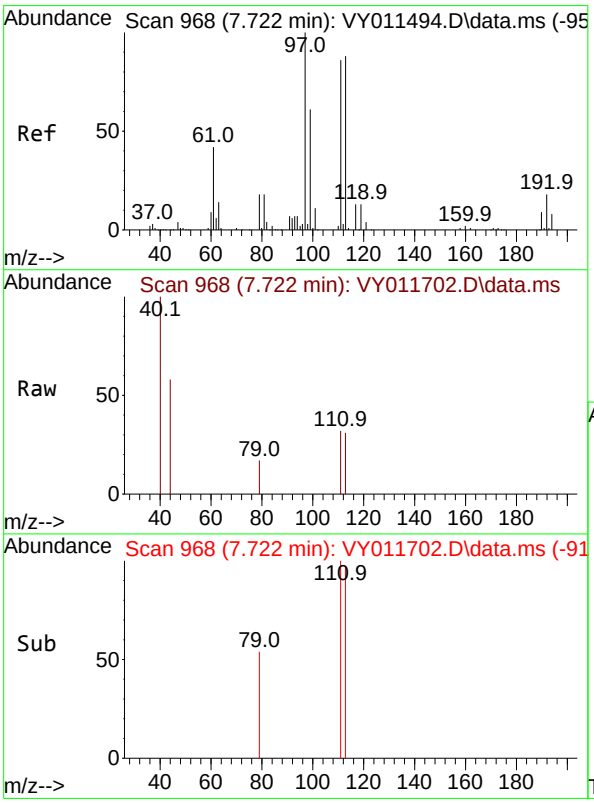
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion:114 Resp: 1015

Ion	Ratio	Lower	Upper
114	100		
63	13.0	0.0	43.2
88	0.0	0.0	31.8

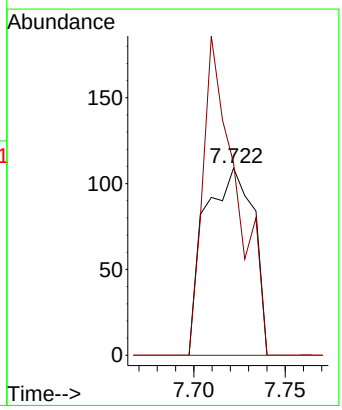


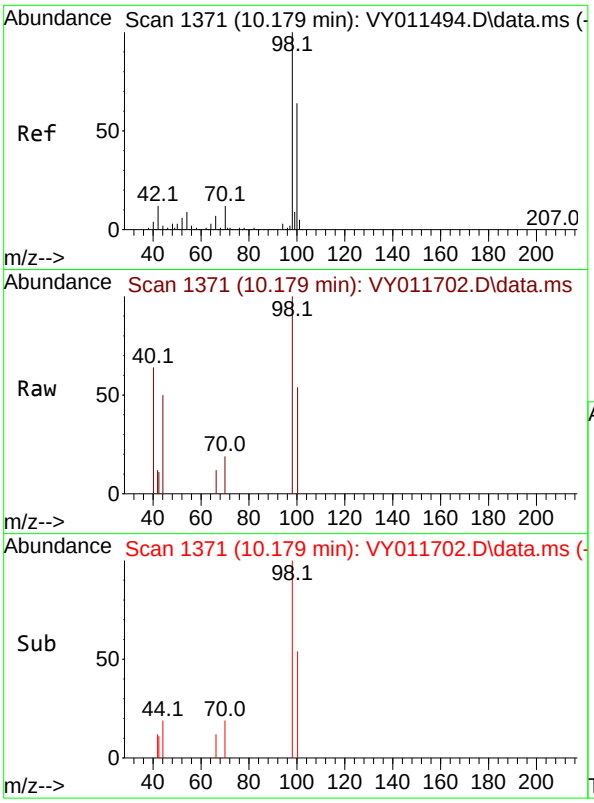


#35
Dibromofluoromethane
Concen: 32.169 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion:113 Resp: 201

Ion	Ratio	Lower	Upper
113	100		
111	118.4	82.6	124.0
192	0.0	17.6	26.4#



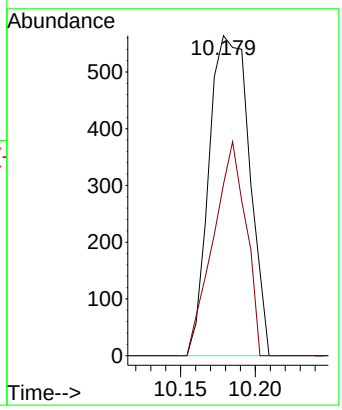


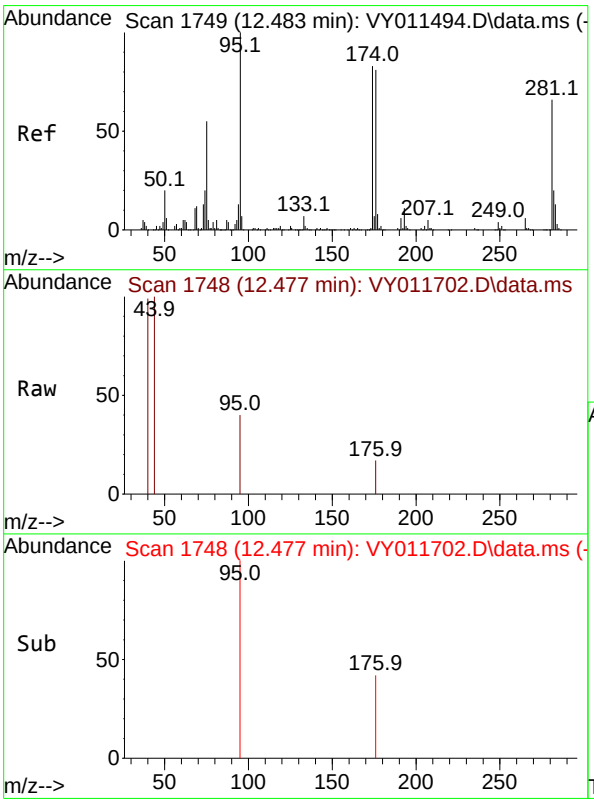
#50
Toluene-d8
Concen: 46.420 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion: 98 Resp: 1054

Ion	Ratio	Lower	Upper
98	100		
100	54.2	50.2	75.2

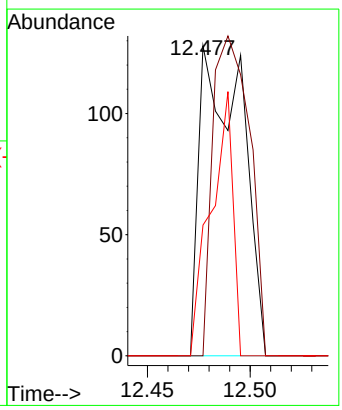


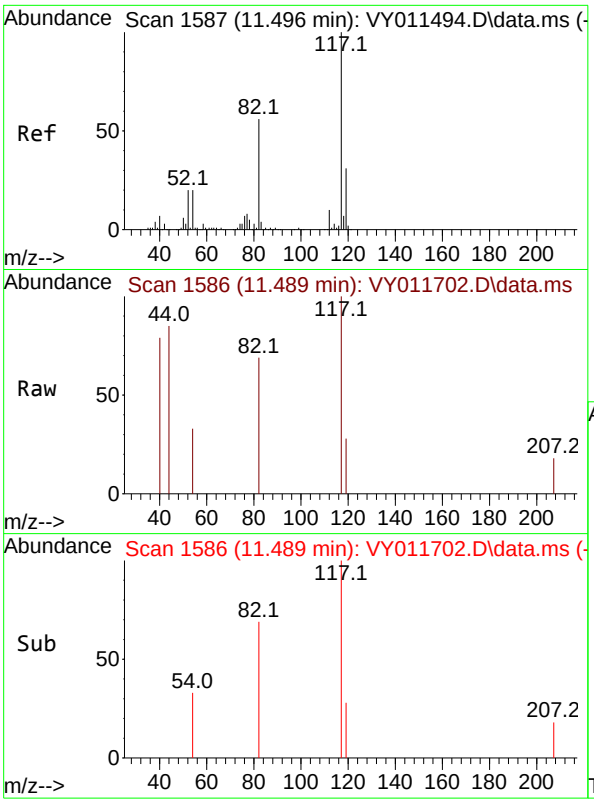


#62
4-Bromofluorobenzene
Concen: 21.799 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion: 95 Resp: 183

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	177.0
176	44.8	0.0	175.8



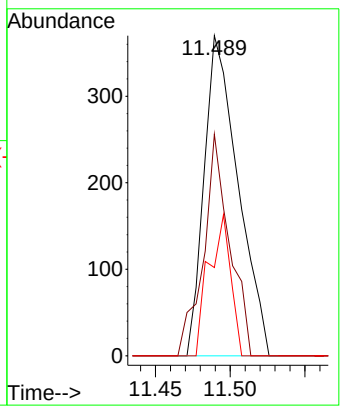


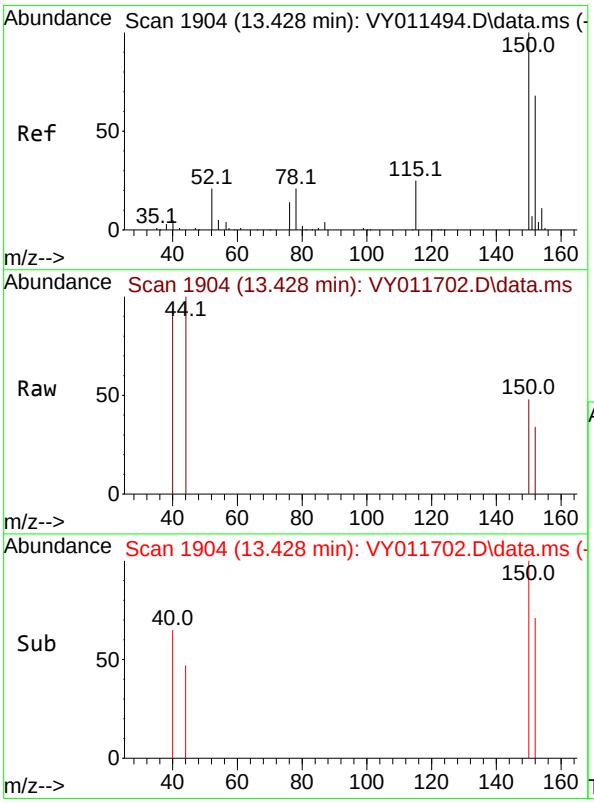
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. -0.007 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion:117 Resp: 583

Ion	Ratio	Lower	Upper
117	100		
82	69.2	43.0	64.4#
119	27.6	25.4	38.0

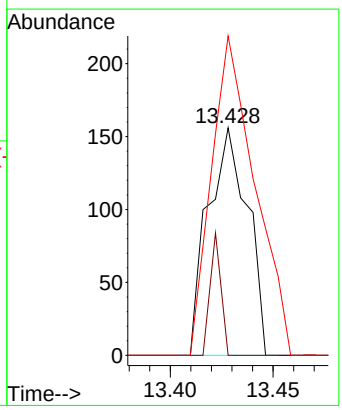


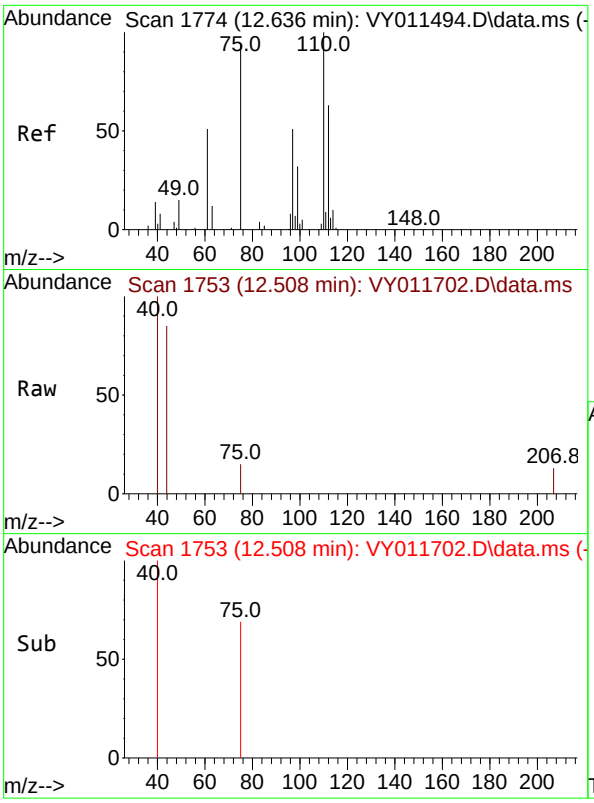


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion:152 Resp: 208

Ion	Ratio	Lower	Upper
152	100		
115	14.9	28.2	84.7#
150	154.8	0.0	347.6



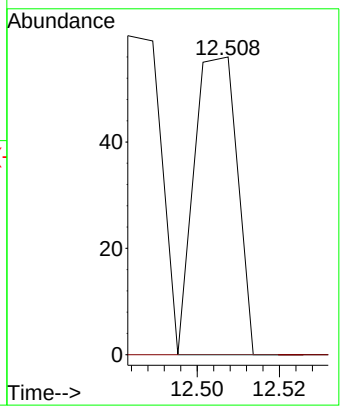


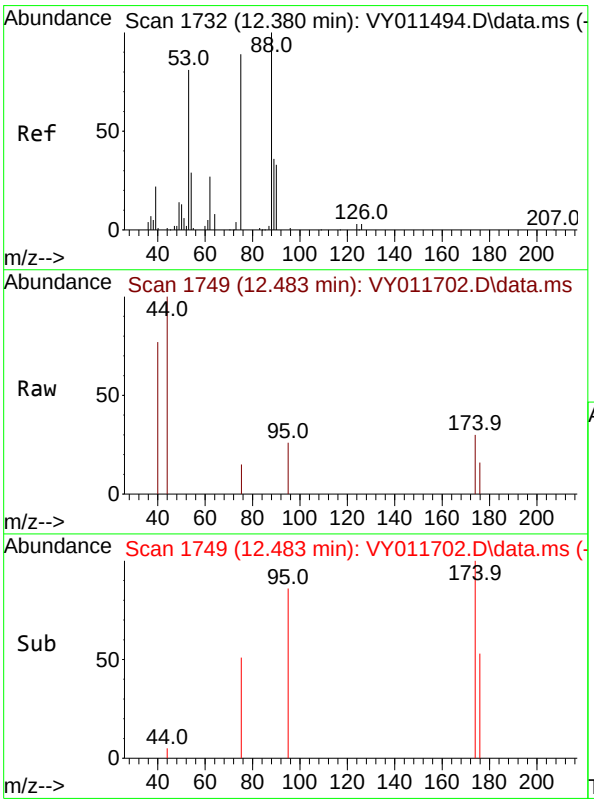
#76
1,2,3-Trichloropropane
Concen: 18.303 ug/l
RT: 12.508 min Scan# 1
Delta R.T. -0.128 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Instrument :
MSVOA_Y
ClientSampleId :
ML-3RE

Tgt Ion: 75 Resp: 41

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 43.024 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011702.D
Acq: 05 Dec 2022 17:26

Tgt Ion: 75 Resp: 44

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