Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122022\
Data File : VY011927.D
Acq On : 20 Dec 2022 17:10
Operator : KP/MD
Sample : N6086-01RE
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

Quant Time: Dec 21 00:10:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 20 12:37:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	4587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	7160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	6965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2073	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	3499	75.715	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.420%			
35) Dibromofluoromethane	7.716	113	1584	36.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 73.500%			
50) Toluene-d8	10.185	98	9020	51.576	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.483	95	2340	39.783	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 79.560%			
Target Compounds						Qvalue
10) Methyl Iodide	4.100	142	763	12.711	ug/l #	73
20) Methylene Chloride	4.710	84	855	11.431	ug/l #	75

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

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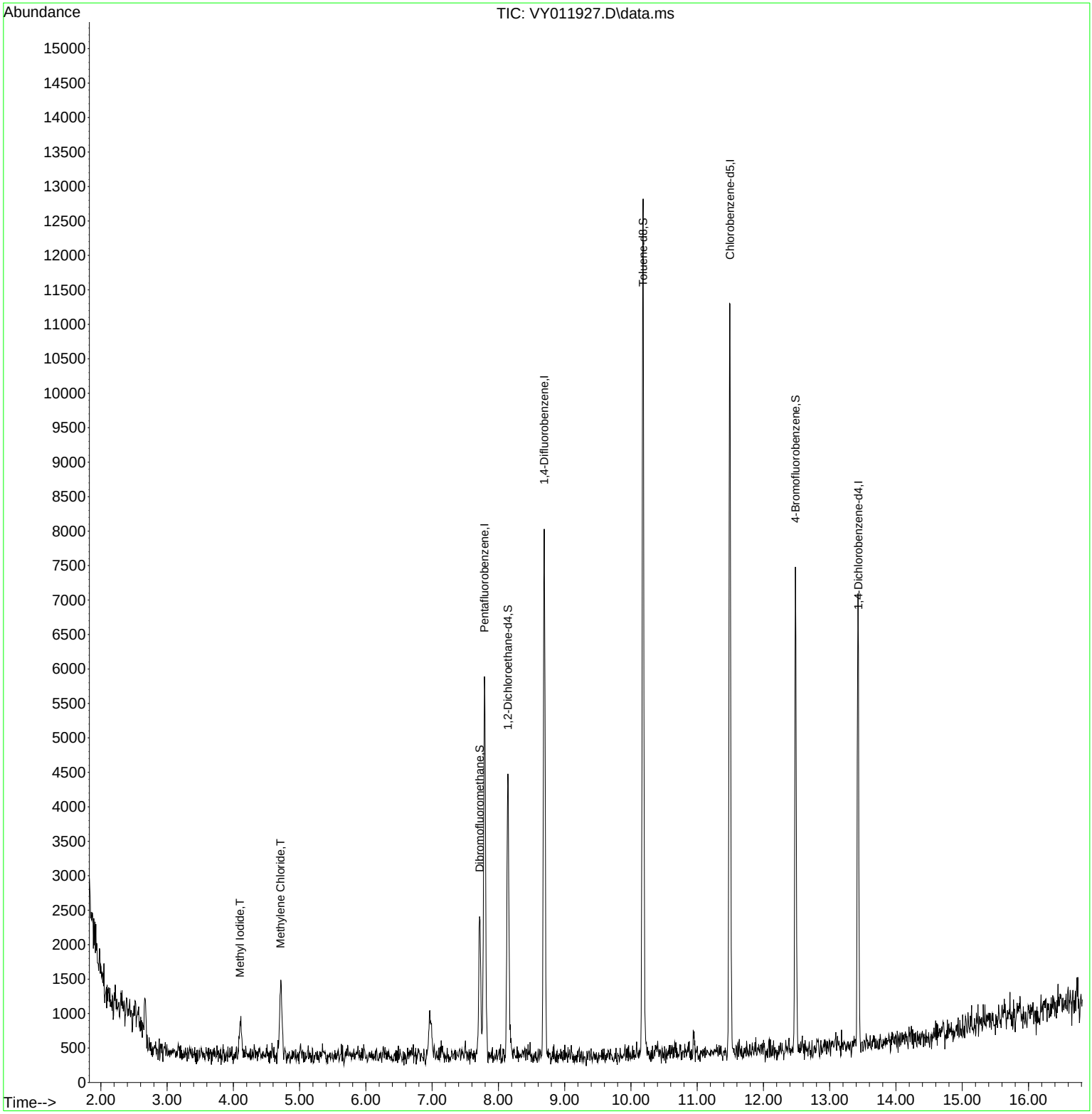
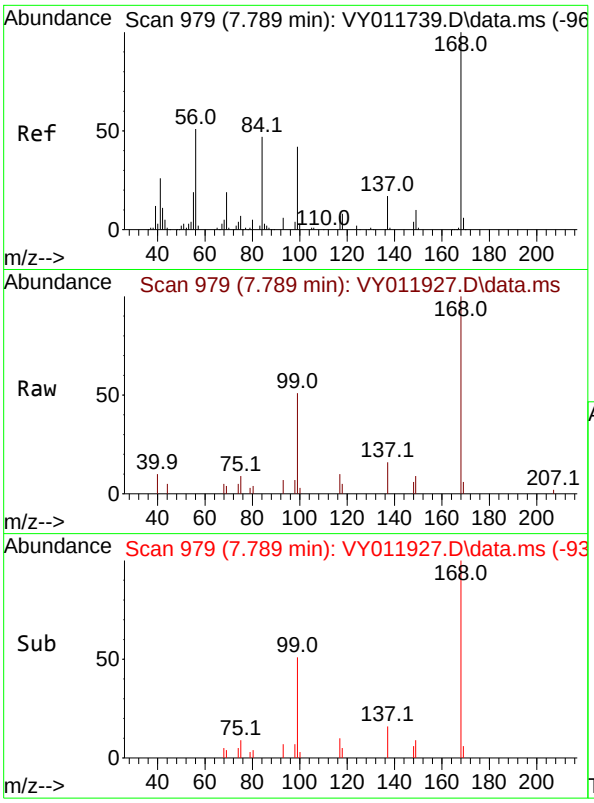


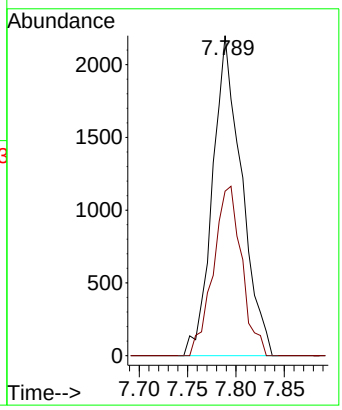


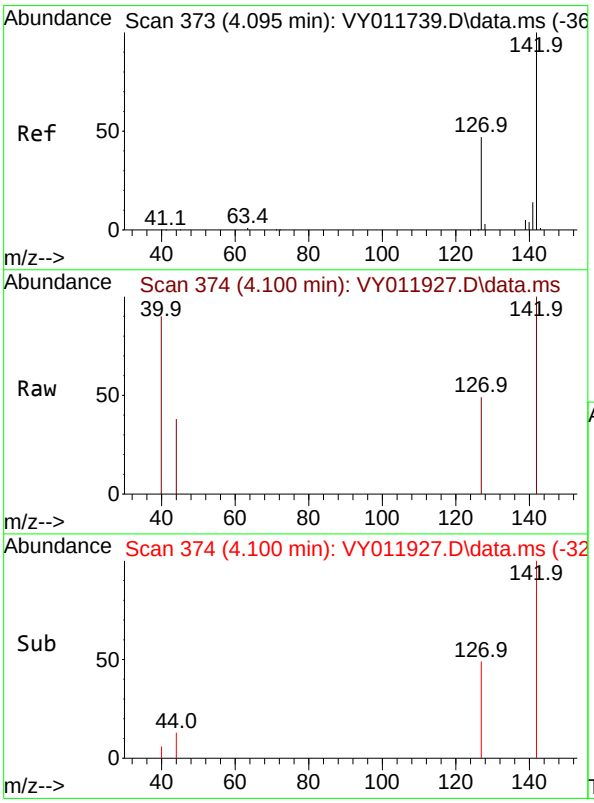
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

Tgt Ion:168 Resp: 4587

Ion	Ratio	Lower	Upper
168	100		
99	51.4	44.0	66.0

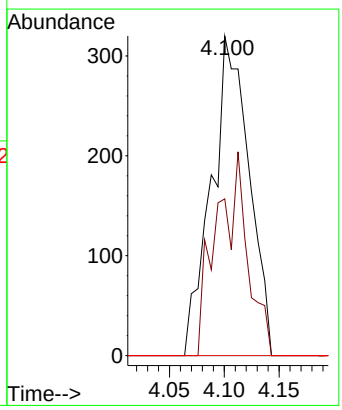


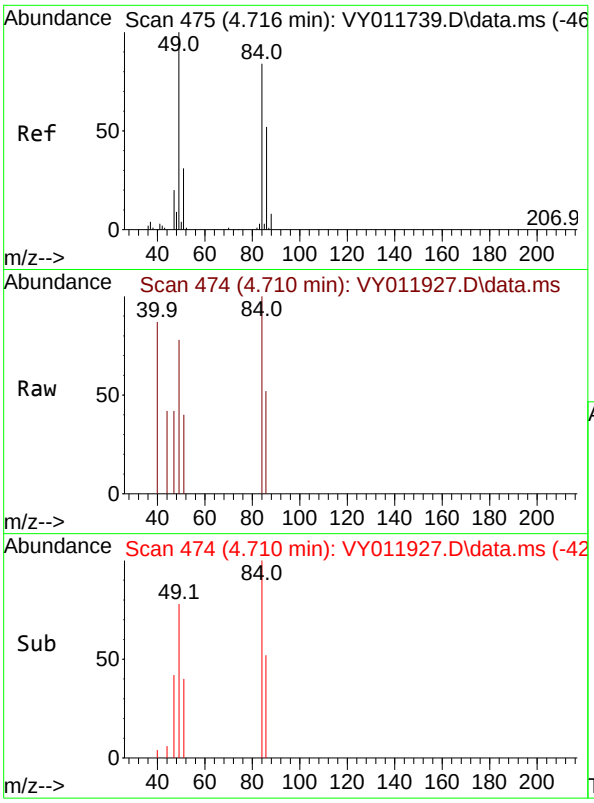


#10
Methyl Iodide
Concen: 12.711 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.005 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion:142 Resp: 763

Ion	Ratio	Lower	Upper
142	100		
127	29.6	37.0	55.4#
141	0.0	11.4	17.0#



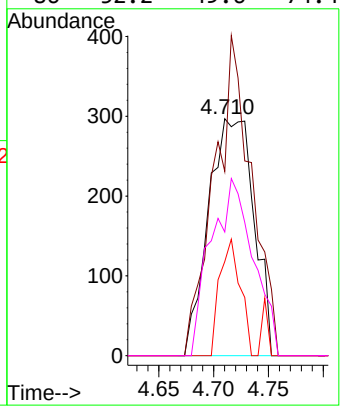


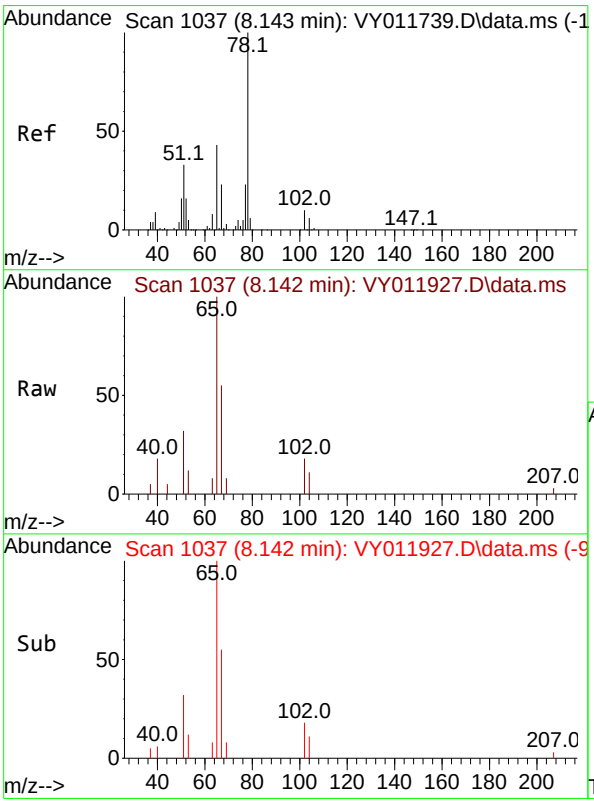
#20
Methylene Chloride
Concen: 11.431 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

Tgt Ion: 84 Resp: 855

Ion	Ratio	Lower	Upper
84	100		
49	77.8	95.4	143.2#
51	39.7	29.9	44.9
86	52.2	49.6	74.4

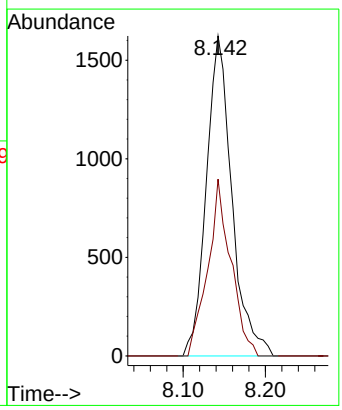


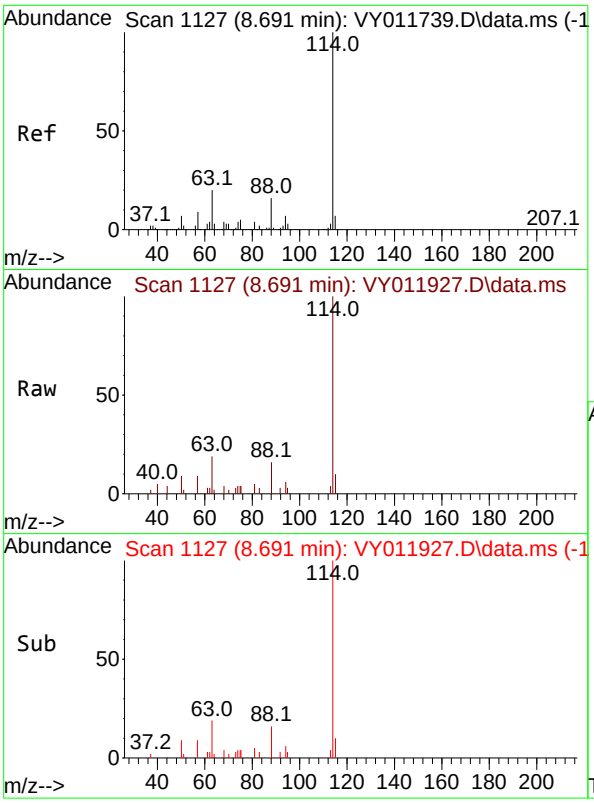


#33
1,2-Dichloroethane-d4
Concen: 75.715 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion: 65 Resp: 3499

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	103.2



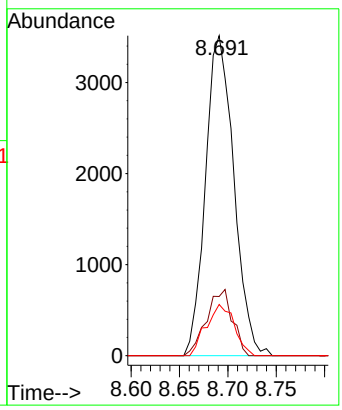


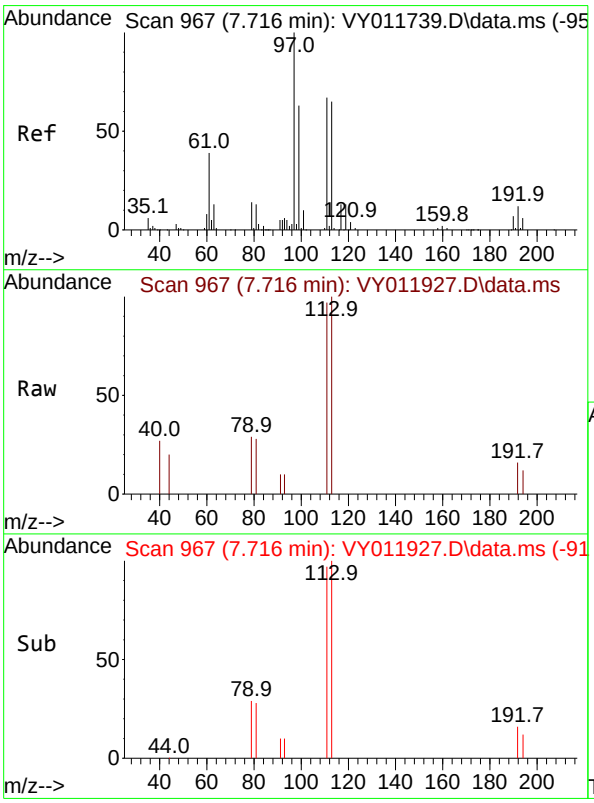
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

Tgt Ion:114 Resp: 7160

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	39.6
88	16.0	0.0	32.2

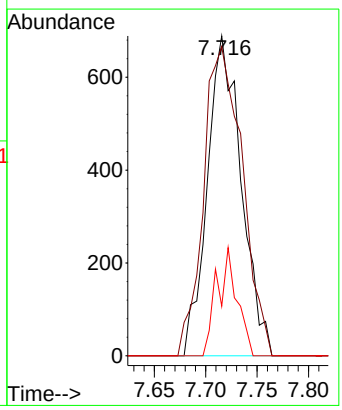


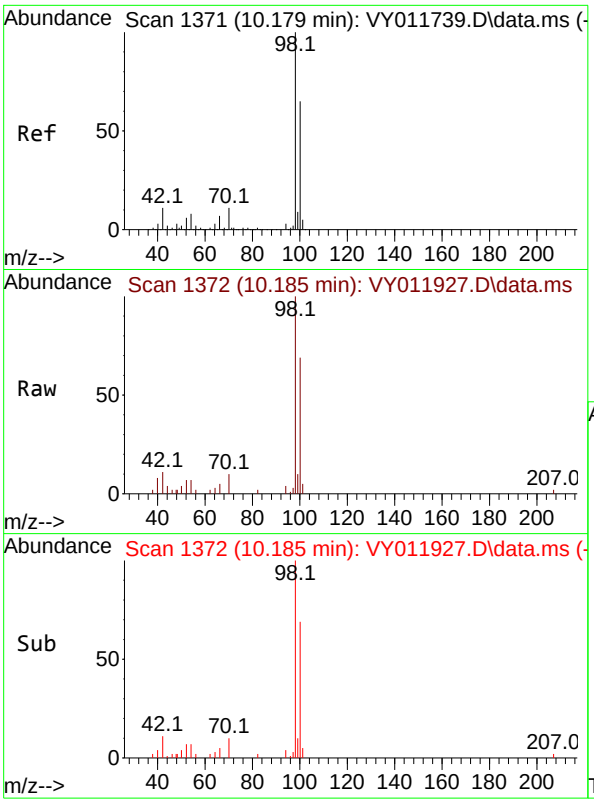


#35
Dibromofluoromethane
Concen: 36.747 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion:113 Resp: 1584

Ion	Ratio	Lower	Upper
113	100		
111	110.3	83.0	124.4
192	20.1	16.0	24.0



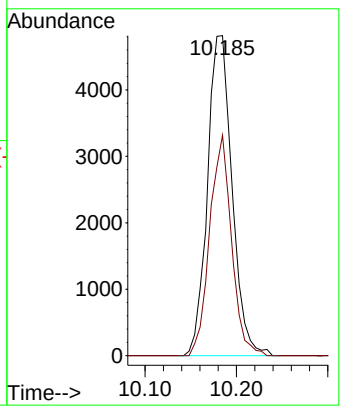


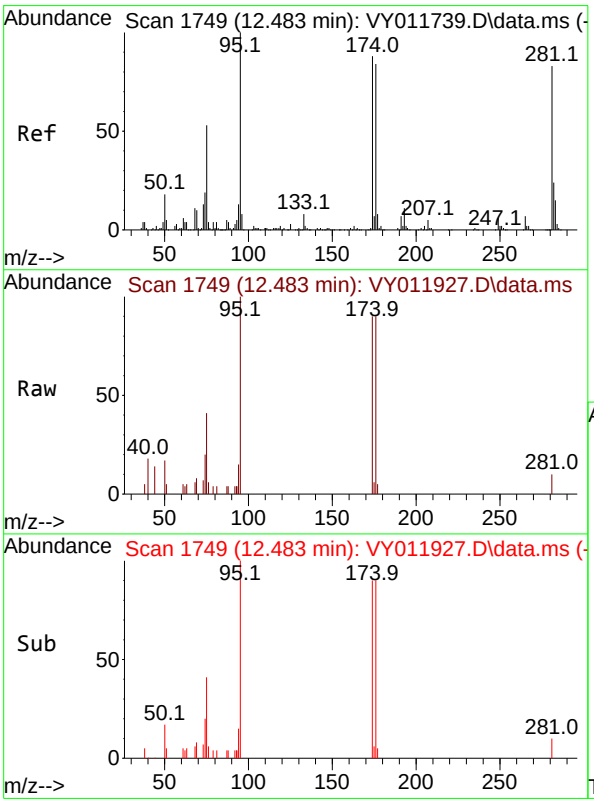
#50
Toluene-d8
Concen: 51.576 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

Tgt Ion: 98 Resp: 9020

Ion	Ratio	Lower	Upper
98	100		
100	61.1	51.9	77.9

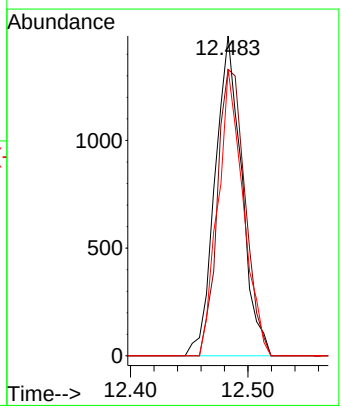


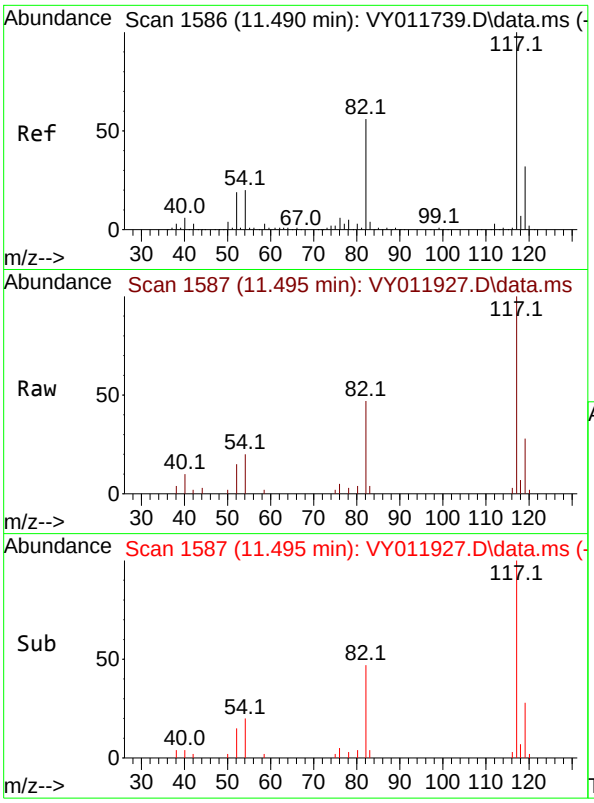


#62
4-Bromofluorobenzene
Concen: 39.783 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion: 95 Resp: 2340

Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	172.0
176	84.9	0.0	167.6



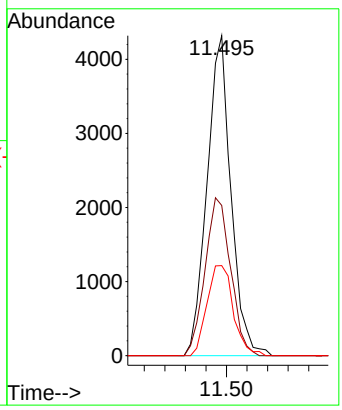


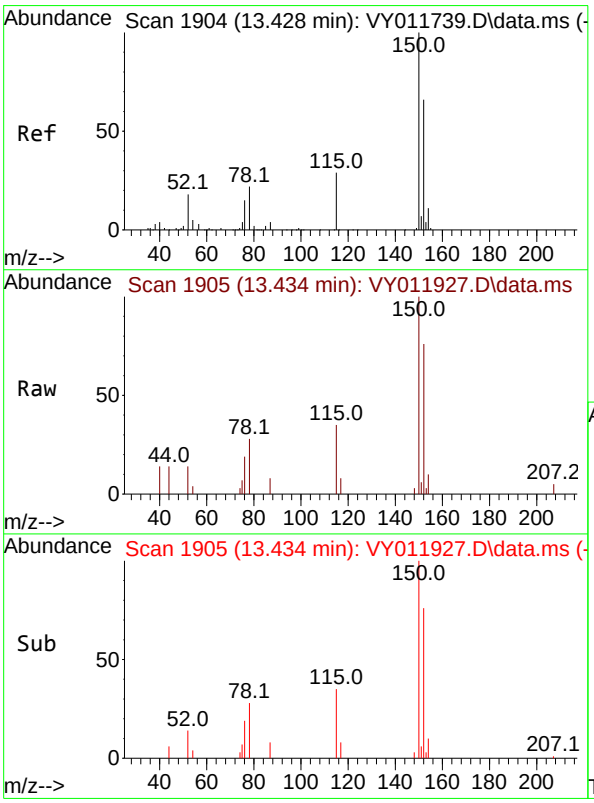
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-201RE

Tgt Ion:117 Resp: 6965

Ion	Ratio	Lower	Upper
117	100		
82	47.0	44.8	67.2
119	28.1	25.4	38.2





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY011927.D
Acq: 20 Dec 2022 17:10

Tgt Ion:152 Resp: 2073

Ion	Ratio	Lower	Upper
152	100		
115	54.8	29.1	87.3
150	165.2	0.0	342.6