Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060225\
Data File : VY022505.D
Acq On : 02 Jun 2025 18:21
Operator : SY/MD
Sample : Q2147-02
Misc : 6.00g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Jun 03 05:32:41 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 03 03:22:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	1372	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	2319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	647	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	163	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	1029	67.057	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.120%			
35) Dibromofluoromethane	7.634	113	628	45.370	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.740%			
50) Toluene-d8	10.115	98	1857	33.203	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 66.400%			
62) 4-Bromofluorobenzene	12.420	95	302	18.123	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 36.240%			

Target Compounds Qvalue

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

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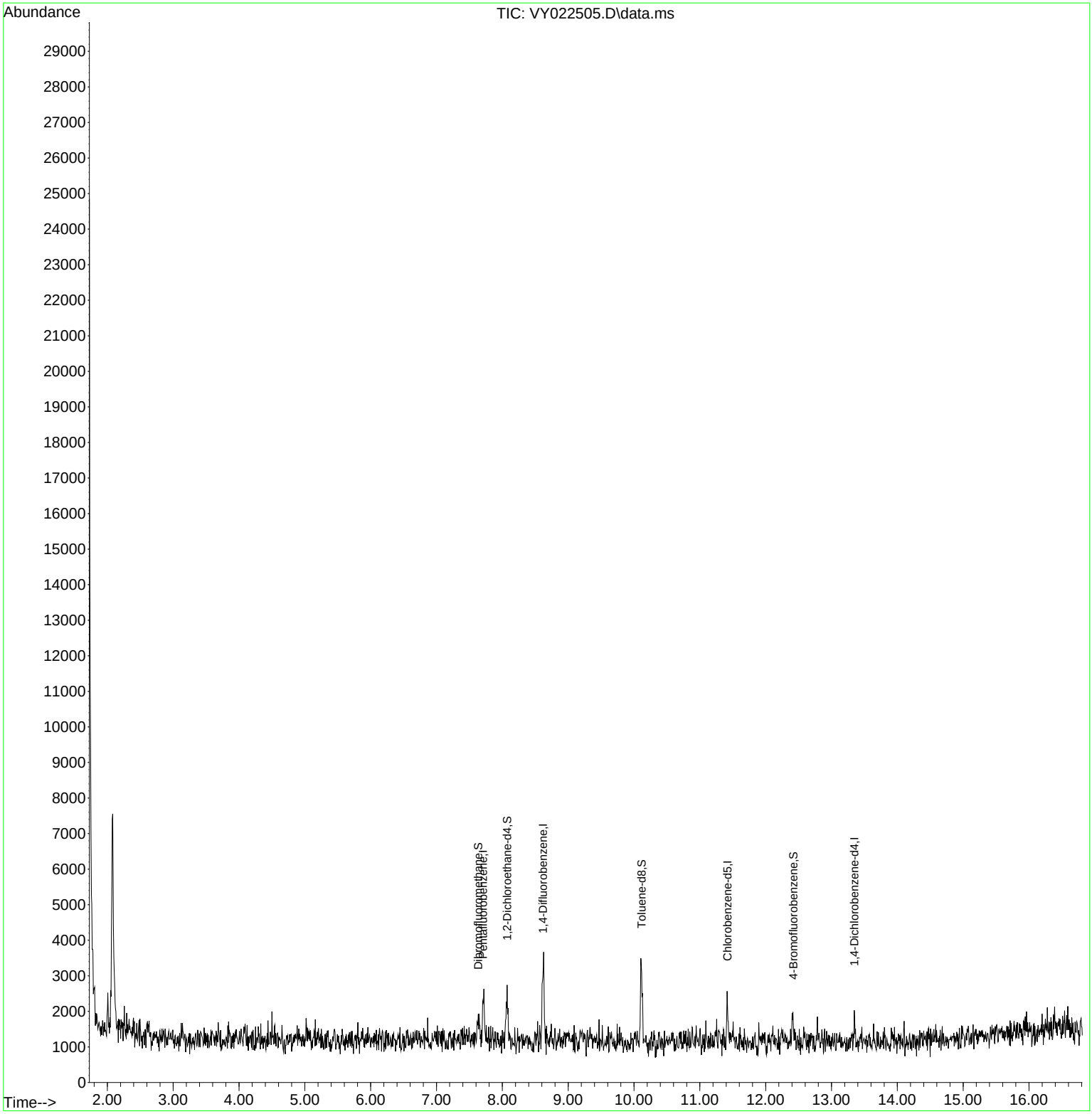
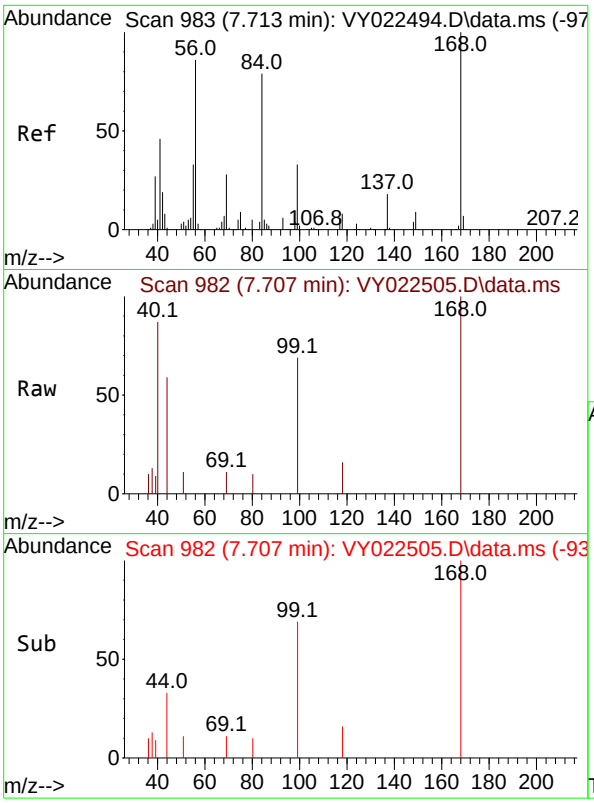


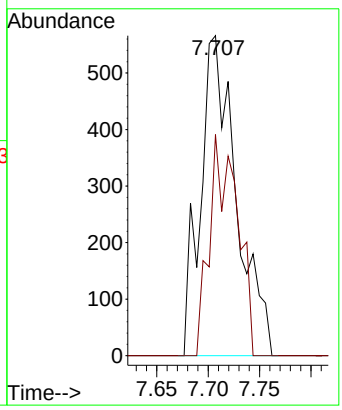


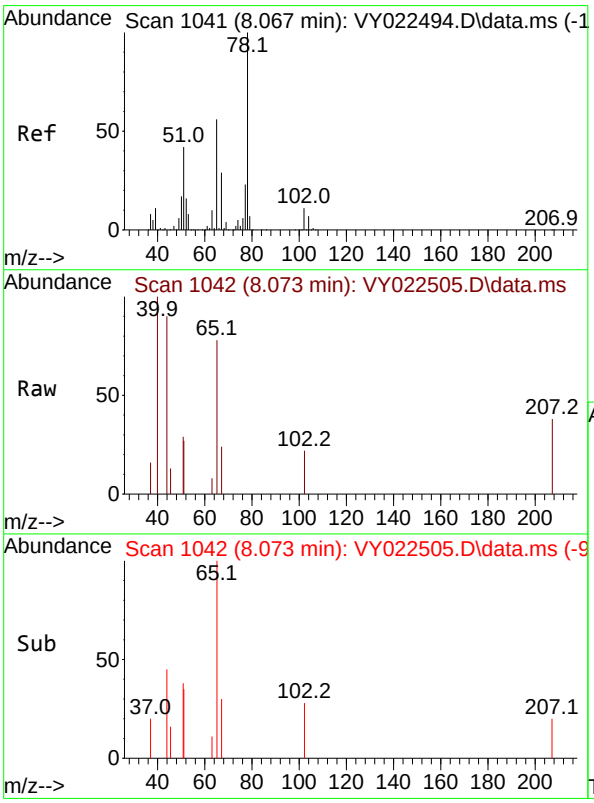
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:168 Resp: 1372

Ion	Ratio	Lower	Upper
168	100		
99	69.1	44.3	66.5#

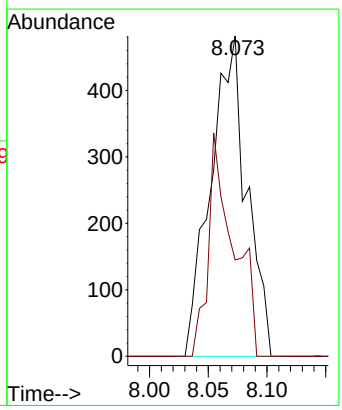


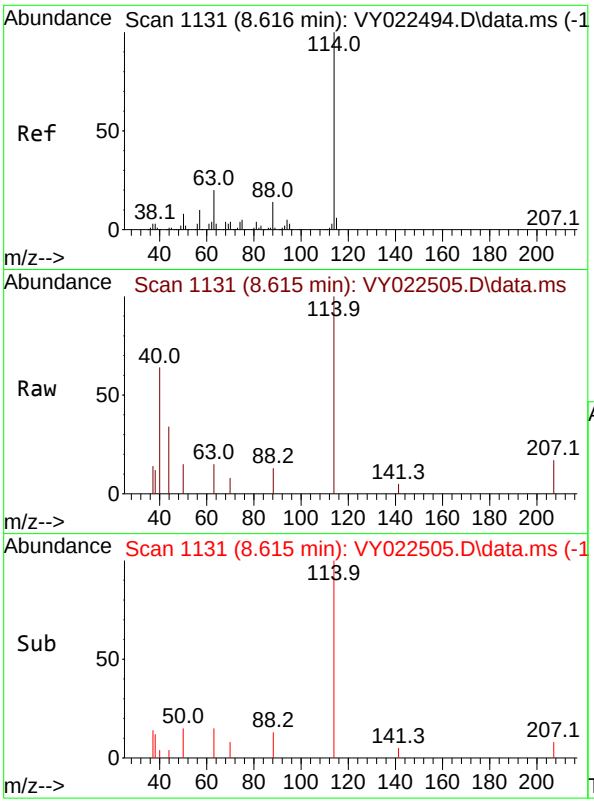


#33
1,2-Dichloroethane-d4
Concen: 67.057 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.006 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Tgt Ion: 65 Resp: 1029

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	103.4



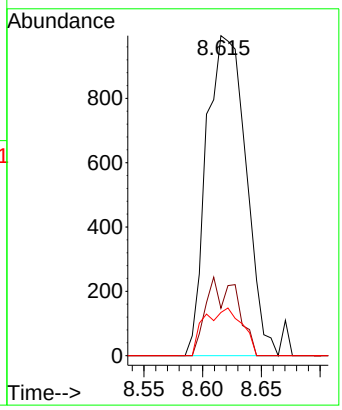


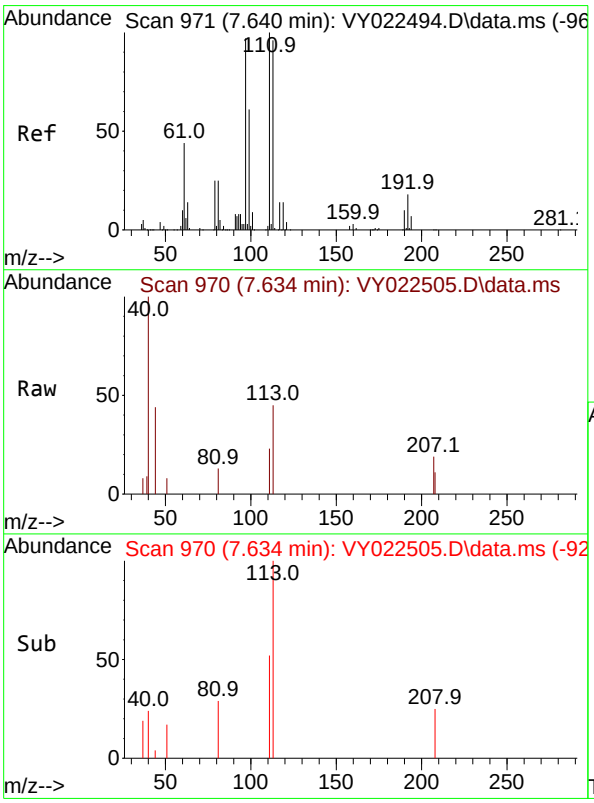
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:114 Resp: 2319

Ion	Ratio	Lower	Upper
114	100		
63	14.8	0.0	40.8
88	13.5	0.0	27.8

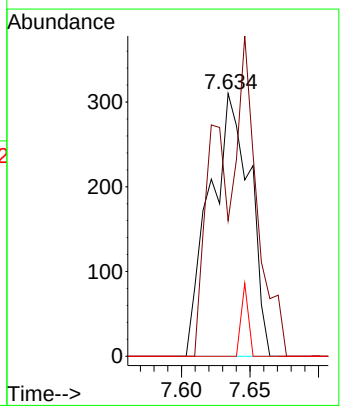


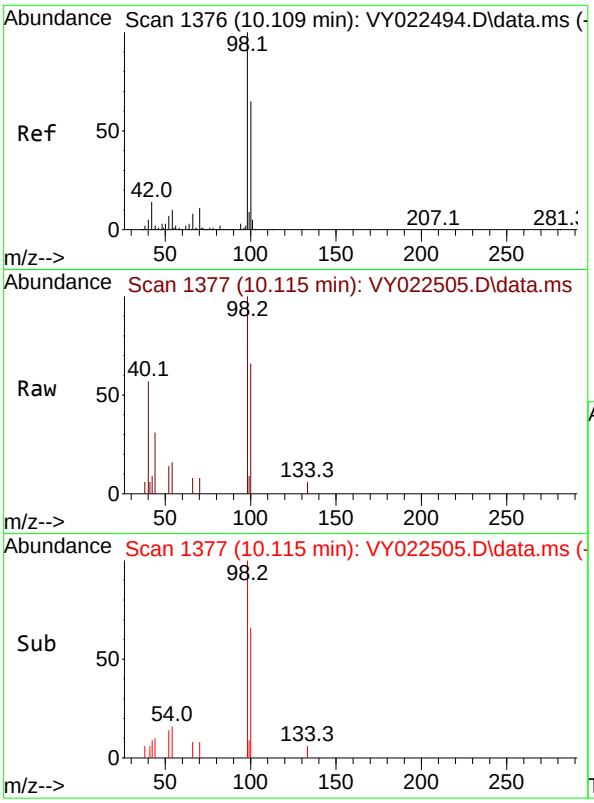


#35
Dibromofluoromethane
Concen: 45.370 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Tgt Ion:113 Resp: 628

Ion	Ratio	Lower	Upper
113	100		
111	64.0	81.1	121.7#
192	4.9	14.2	21.2#



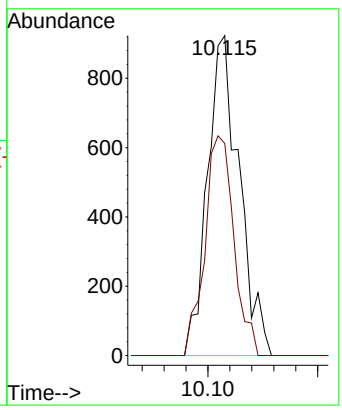


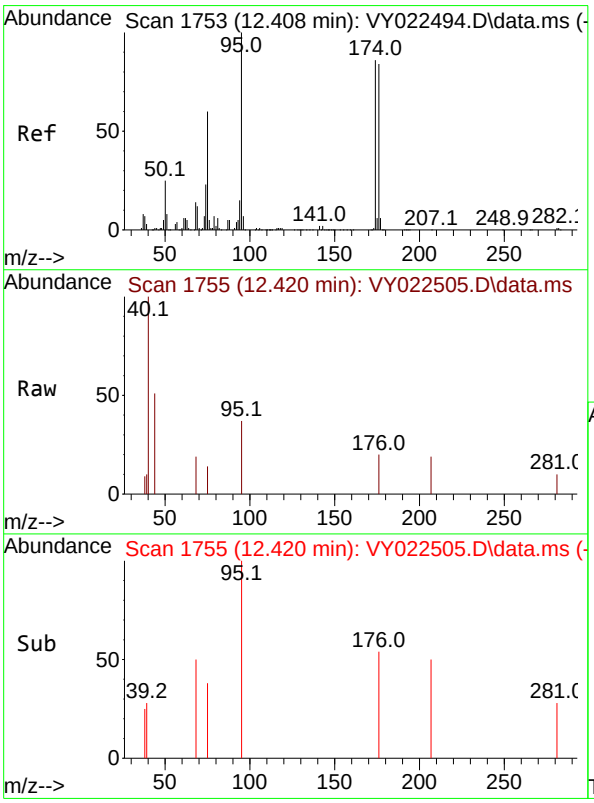
#50
Toluene-d8
Concen: 33.203 ug/l
RT: 10.115 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 1857

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.4	77.0

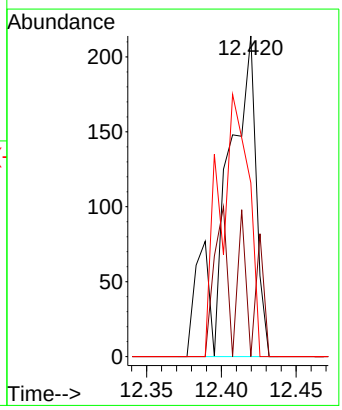


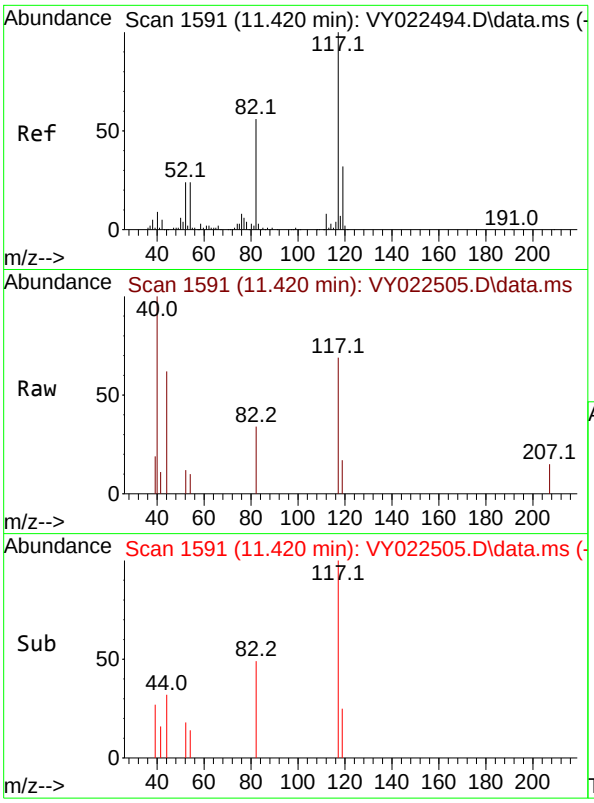


#62
4-Bromofluorobenzene
Concen: 18.123 ug/l
RT: 12.420 min Scan# 1755
Delta R.T. 0.012 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Tgt Ion: 95 Resp: 302

Ion	Ratio	Lower	Upper
95	100		
174	20.2	0.0	170.0
176	77.5	0.0	166.2



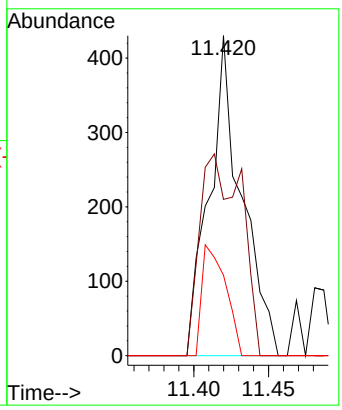


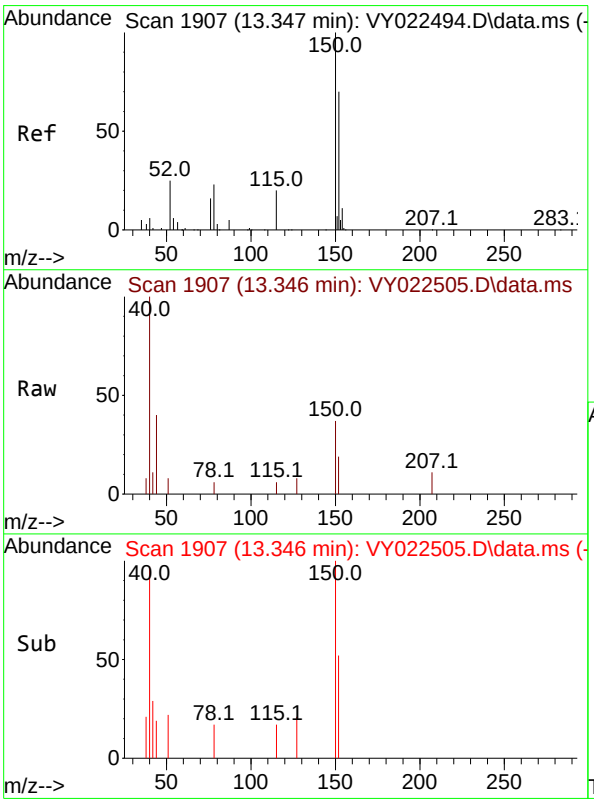
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 647

Ion	Ratio	Lower	Upper
117	100		
82	48.8	44.6	66.8
119	25.1	25.4	38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY022505.D
Acq: 02 Jun 2025 18:21

Tgt Ion:152 Resp: 163

Ion	Ratio	Lower	Upper
152	100		
115	23.3	28.9	86.7#
150	260.7	0.0	349.6