Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012725\
Data File : VY020945.D
Acq On : 27 Jan 2025 13:25
Operator : SY/MD
Sample : Q1187-01RE
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 28 01:13:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
Quant Title : SW846 8260
QLast Update : Sat Jan 25 01:12:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	435	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.616	114	559	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	336	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	123	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	246	70.929	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.860%			
35) Dibromofluoromethane	7.634	113	374	116.543	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 233.080%#			
50) Toluene-d8	10.115	98	334	26.832	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 53.660%#			
62) 4-Bromofluorobenzene	12.432	95	66	15.932	ug/l	0.02
Spiked Amount 50.000	Range 29 - 146		Recovery = 31.860%			
Target Compounds						Qvalue
10) Methyl Iodide	4.043	142	19	4.264	ug/l #	38
19) Methyl tert-butyl Ether	4.994	73	41	5.013	ug/l #	55
46) Dibromomethane	9.225	93	20	12.125	ug/l #	1

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

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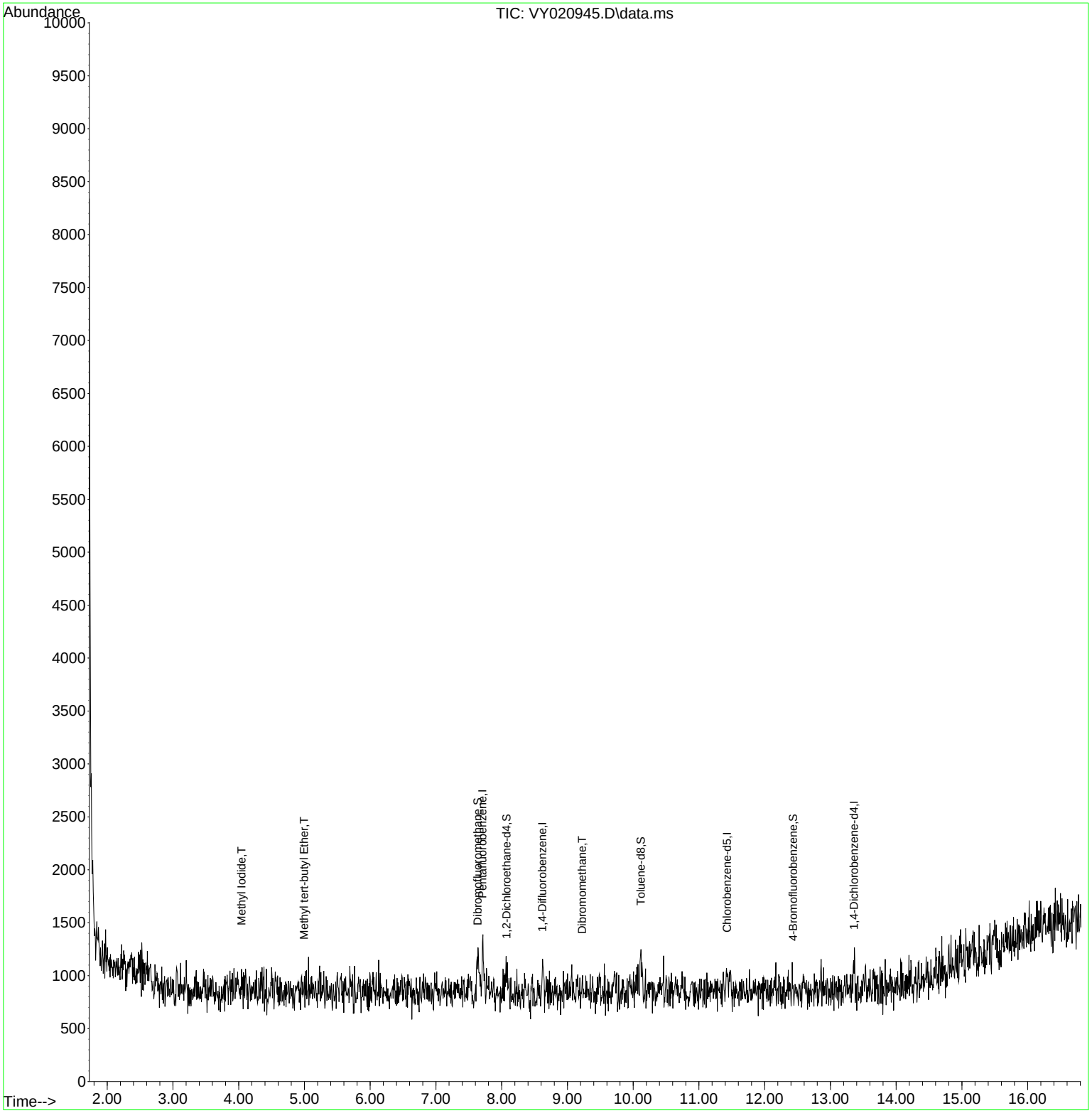
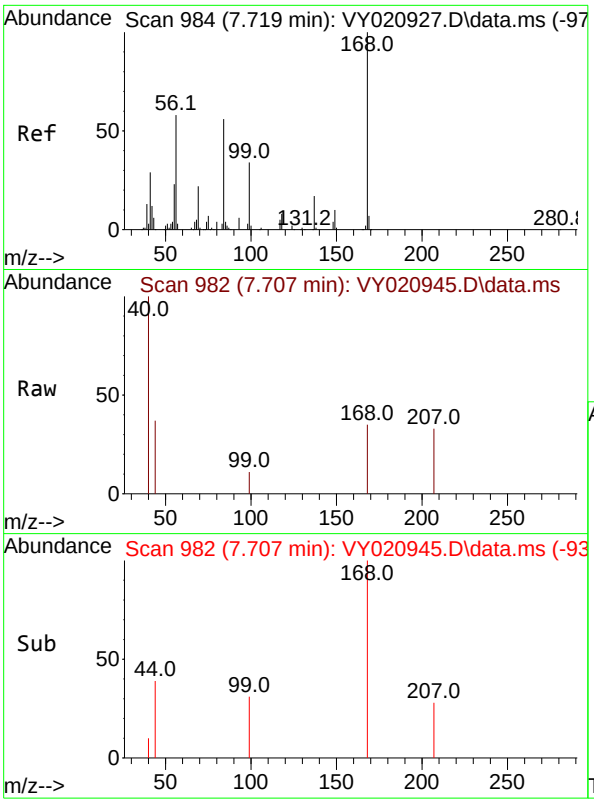


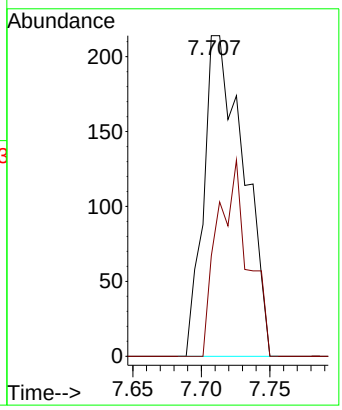


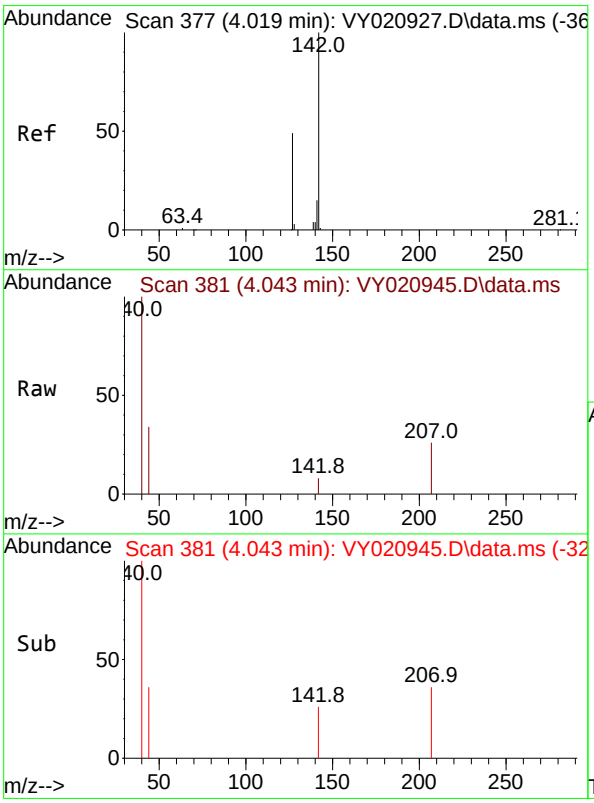
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.012 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 435

Ion	Ratio	Lower	Upper
168	100		
99	31.3	43.0	64.6#

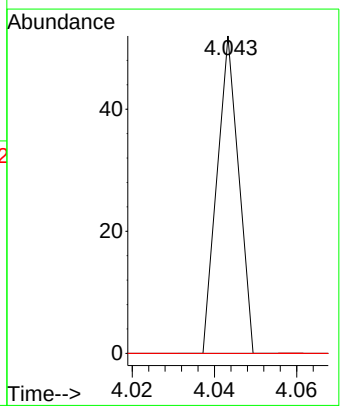


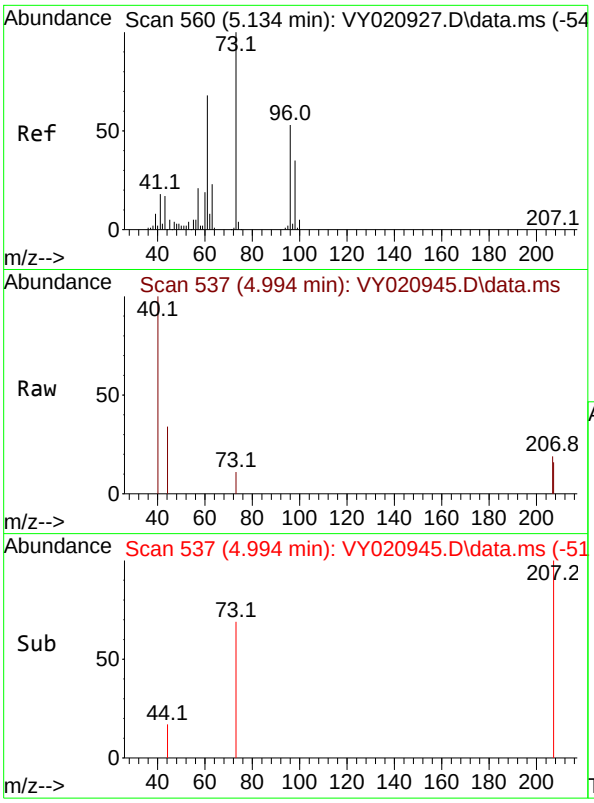


#10
Methyl Iodide
Concen: 4.264 ug/l
RT: 4.043 min Scan# 381
Delta R.T. 0.025 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion:142 Resp: 19

Ion	Ratio	Lower	Upper
142	100		
127	0.0	37.3	55.9#
141	0.0	11.4	17.2#



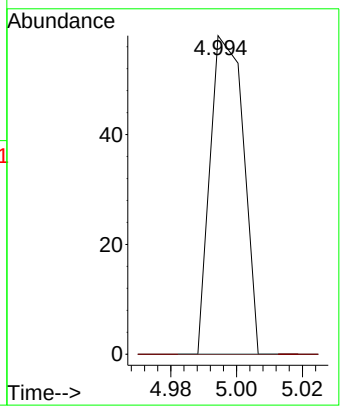


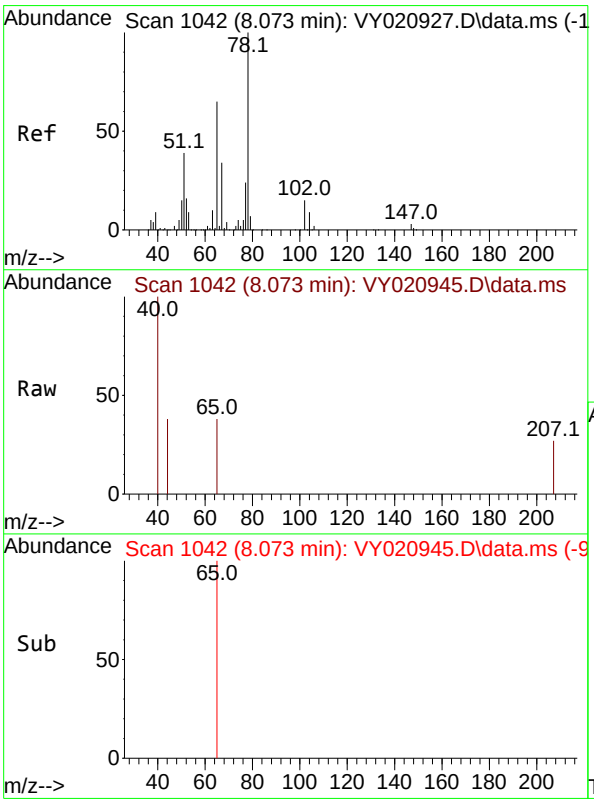
#19
Methyl tert-butyl Ether
Concen: 5.013 ug/l
RT: 4.994 min Scan# 5
Delta R.T. -0.140 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 41

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.0	25.6#

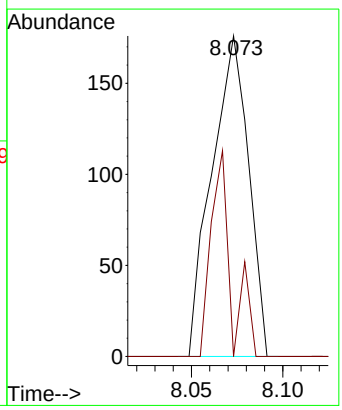


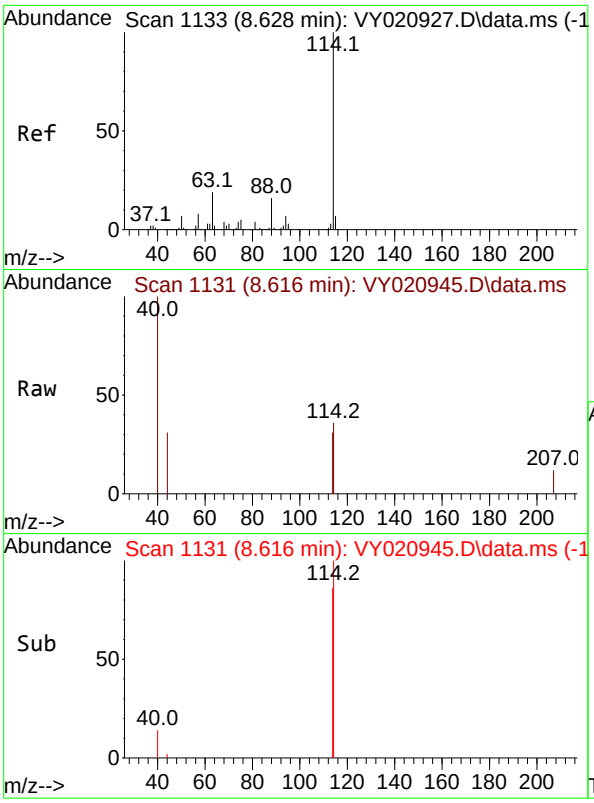


#33
1,2-Dichloroethane-d4
Concen: 70.929 ug/l
RT: 8.073 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion: 65 Resp: 246

Ion	Ratio	Lower	Upper
65	100		
67	35.4	0.0	105.8



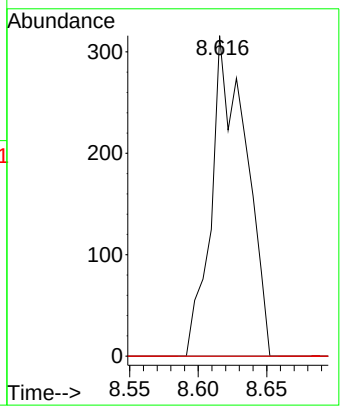


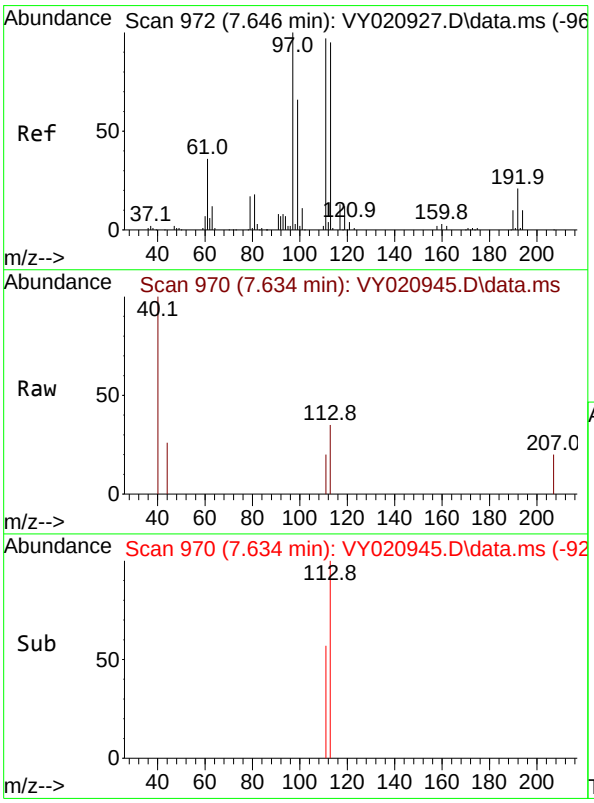
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 559

Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.4
88	0.0	0.0	31.6

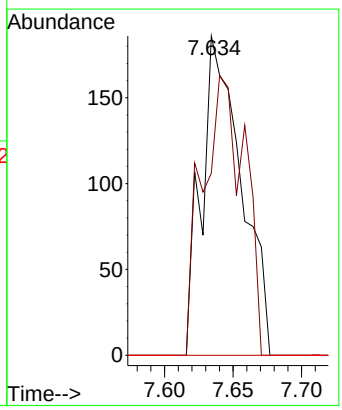


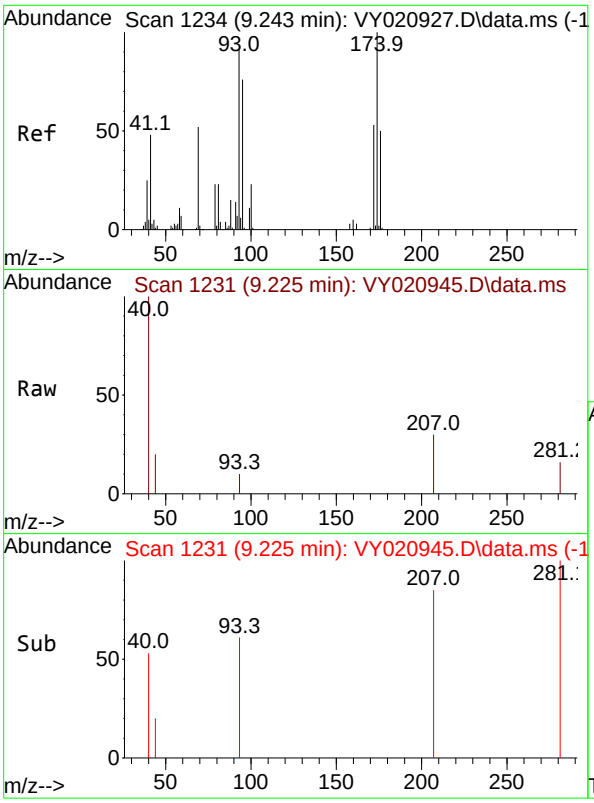


#35
Dibromofluoromethane
Concen: 116.543 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.012 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion:113 Resp: 374

Ion	Ratio	Lower	Upper
113	100		
111	93.0	82.3	123.5
192	0.0	17.4	26.2#



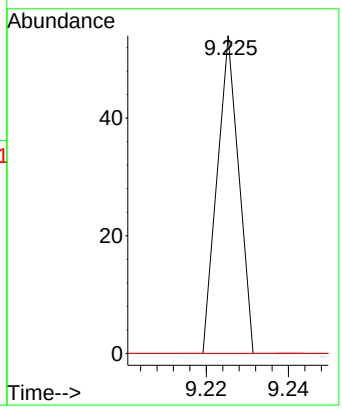


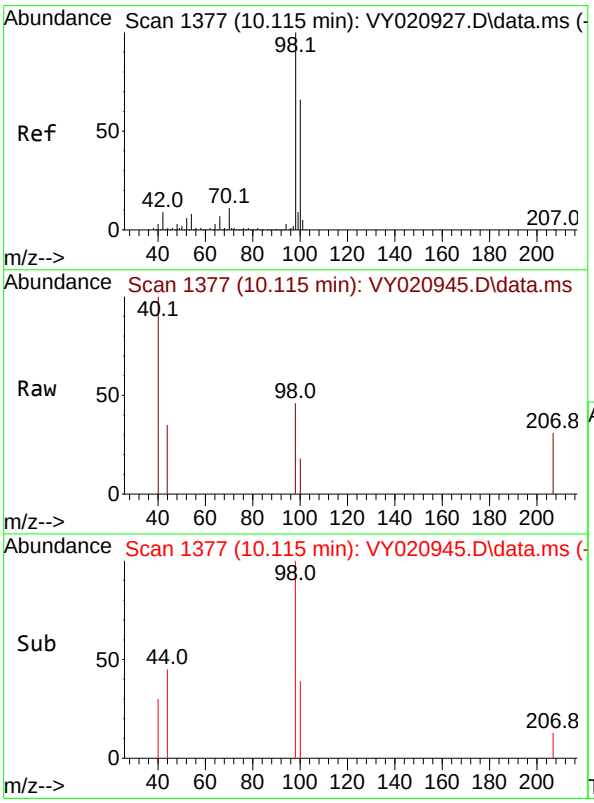
#46
Dibromomethane
Concen: 12.125 ug/l
RT: 9.225 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 93 Resp: 20

Ion	Ratio	Lower	Upper
93	100		
95	0.0	66.2	99.2#
174	0.0	87.0	130.4#

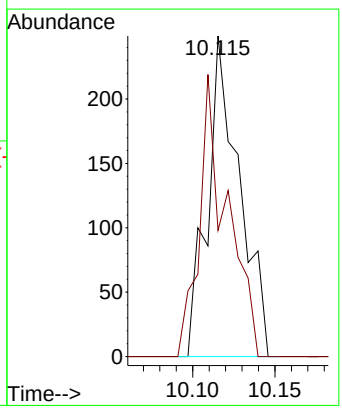


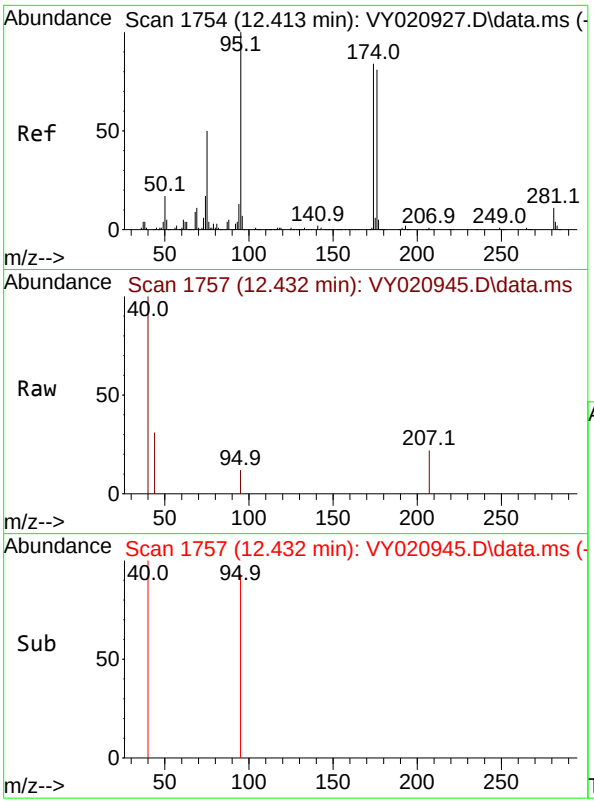


#50
Toluene-d8
Concen: 26.832 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.000 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion: 98 Resp: 334

Ion	Ratio	Lower	Upper
98	100		
100	76.6	52.3	78.5



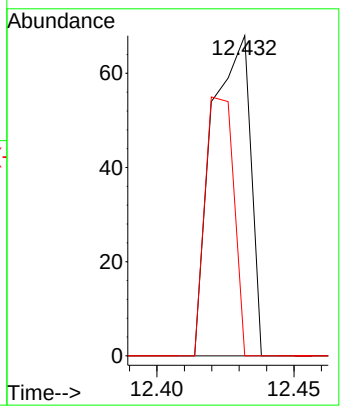


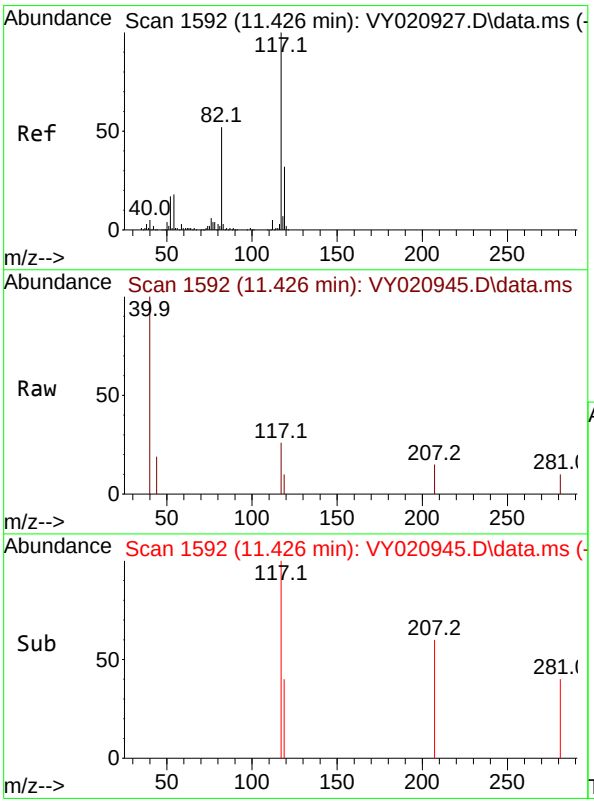
#62
4-Bromofluorobenzene
Concen: 15.932 ug/l
RT: 12.432 min Scan# 1
Delta R.T. 0.019 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 95 Resp: 66

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	177.4
176	60.6	0.0	172.2

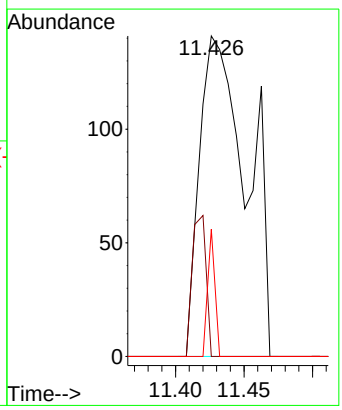


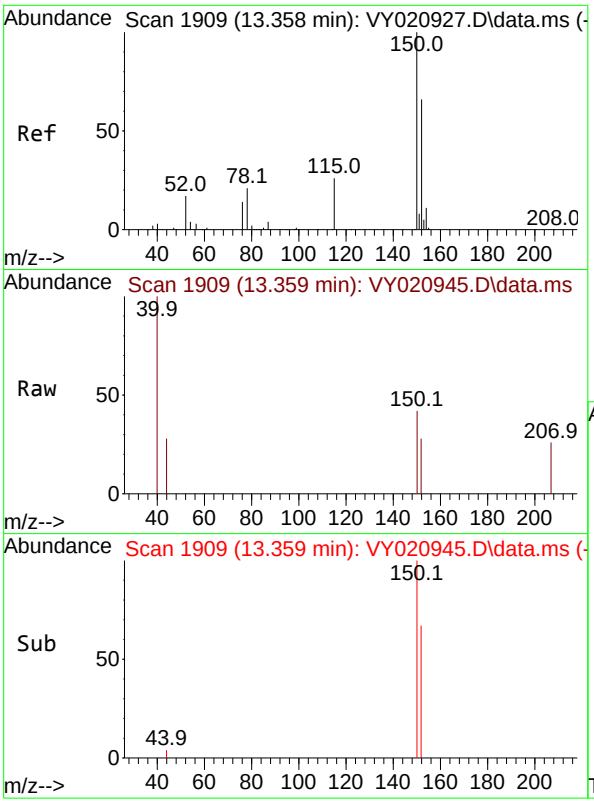


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.000 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Tgt Ion:117 Resp: 336

Ion	Ratio	Lower	Upper
117	100		
82	0.0	41.8	62.8#
119	39.7	26.0	39.0#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020945.D
Acq: 27 Jan 2025 13:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:152 Resp: 123

Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0#
150	198.4	0.0	347.6