Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122024\
Data File : VY020674.D
Acq On : 20 Dec 2024 16:31
Operator : SY/MD
Sample : P5343-01
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Quant Time: Dec 20 18:26:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121724S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 18 05:27:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.719	168	845	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.616	114	1237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	393	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	22	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	476	51.434	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.860%			
35) Dibromofluoromethane	7.634	113	478	54.829	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.660%			
50) Toluene-d8	10.109	98	953	31.231	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 62.460%			
62) 4-Bromofluorobenzene	12.408	95	22	1.843	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 3.680%#			
Target Compounds						Qvalue
16) Acetone	3.860	43	23	6.234	ug/l #	43
76) 1,2,3-Trichloropropane	12.408	75	65	284.417	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	65	597.004	ug/l #	12

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

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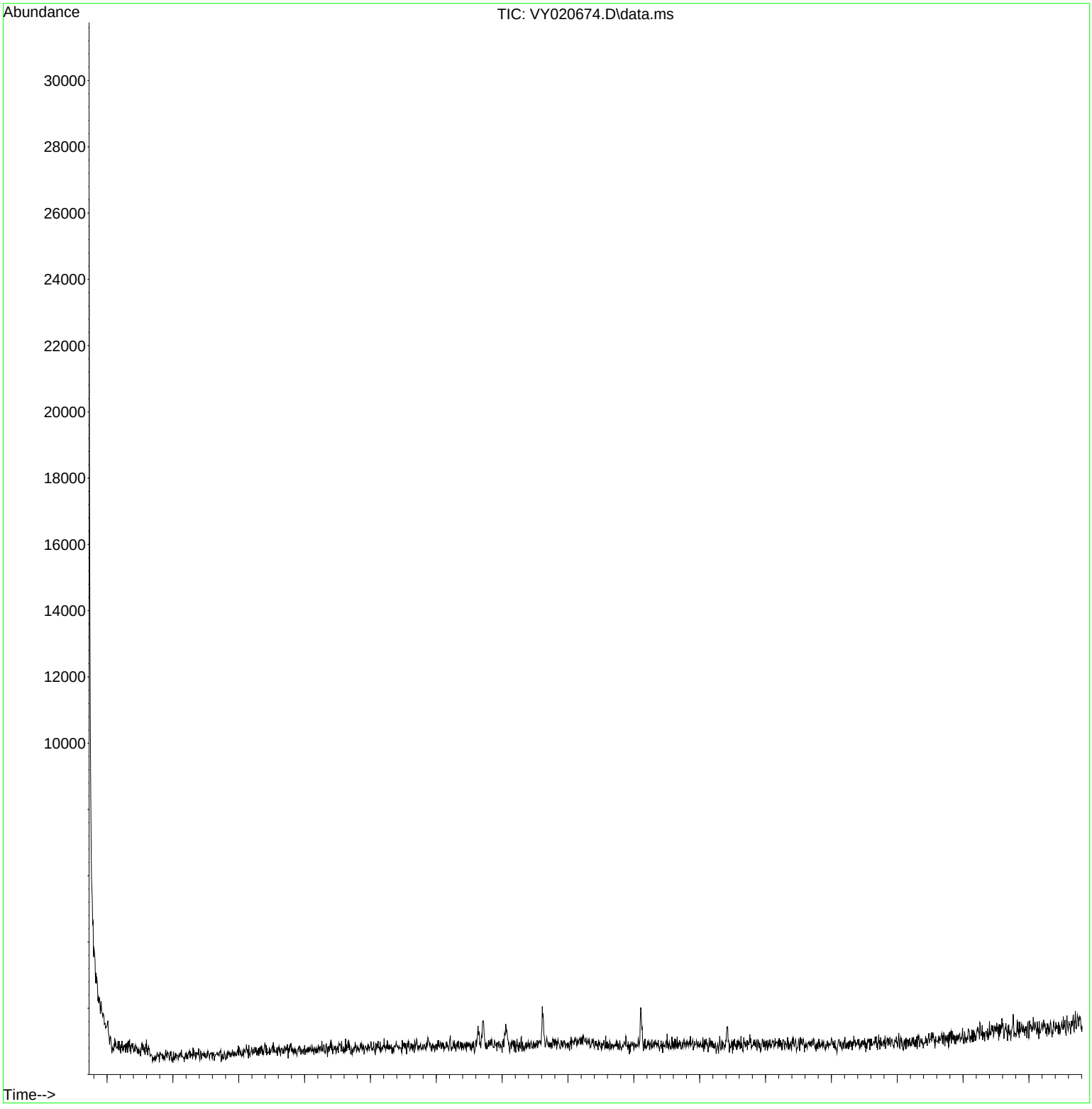
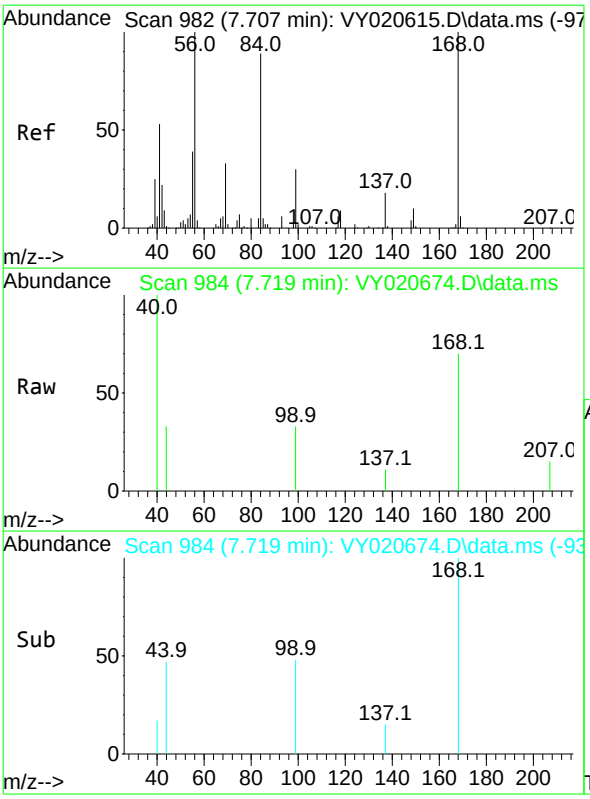


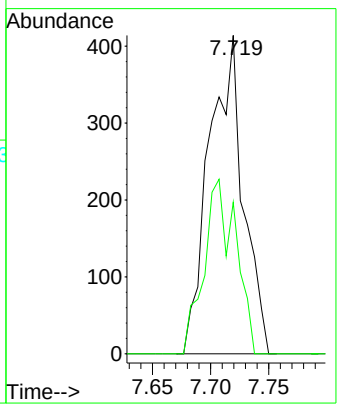


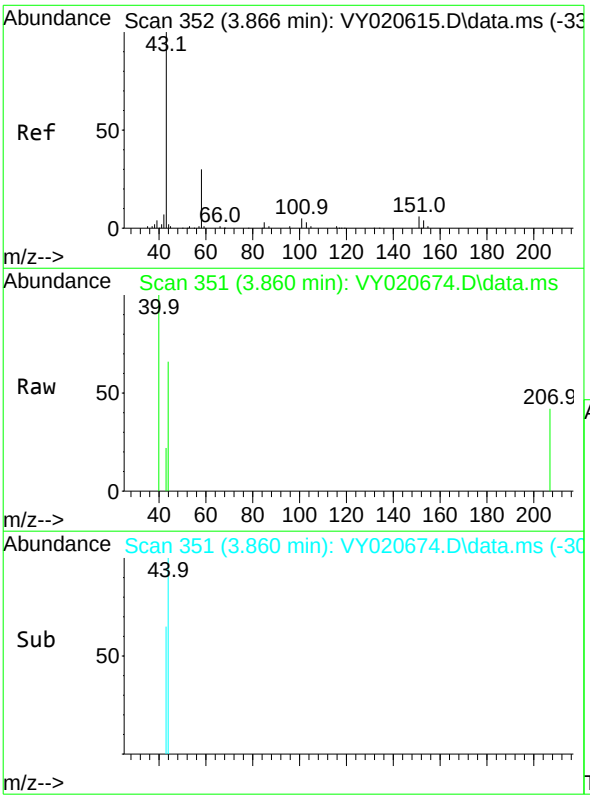
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.012 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion:168 Resp: 845

Ion	Ratio	Lower	Upper
168	100		
99	47.6	47.0	70.6

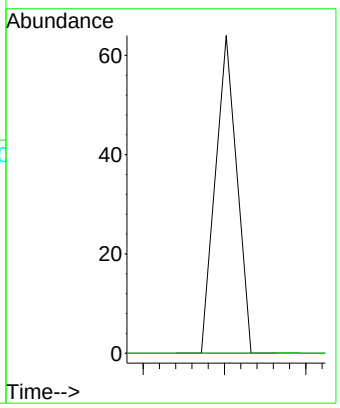


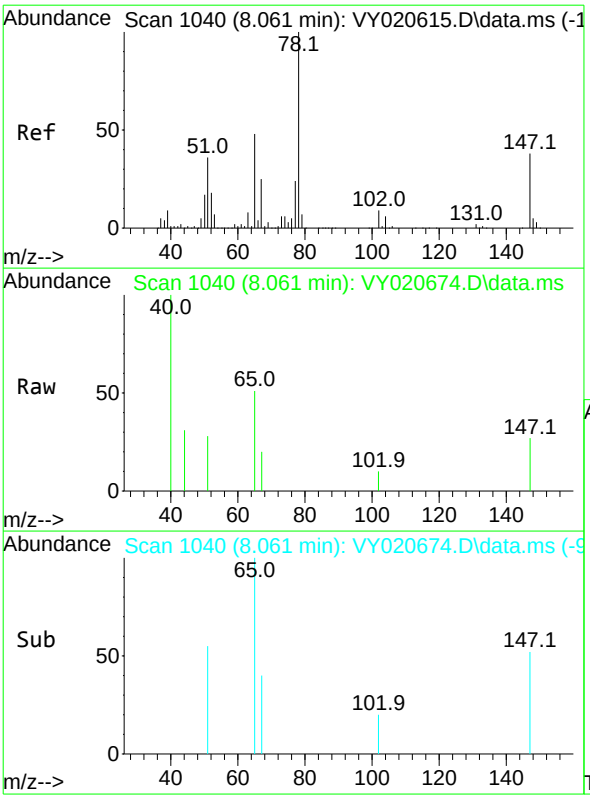


#16
Acetone
Concen: 6.234 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Tgt Ion: 43 Resp: 23

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.0	37.6#



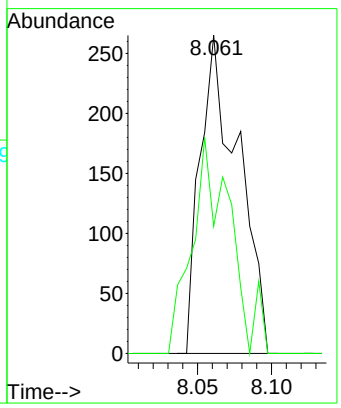


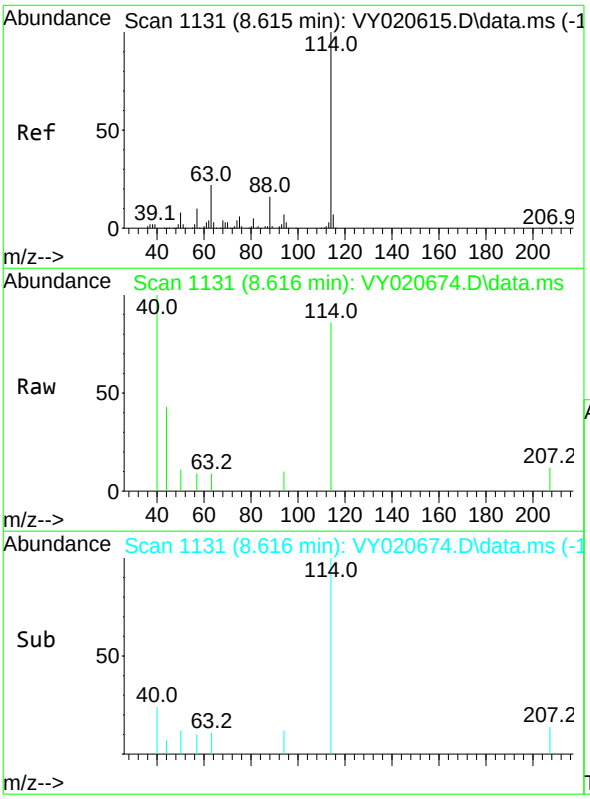
#33
1,2-Dichloroethane-d4
Concen: 51.434 ug/l
RT: 8.061 min Scan# 10
Delta R.T. 0.000 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion: 65 Resp: 476

Ion	Ratio	Lower	Upper
65	100		
67	68.7	0.0	108.0

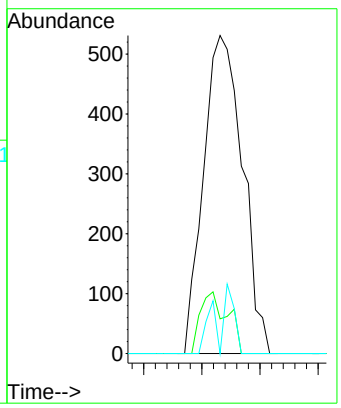


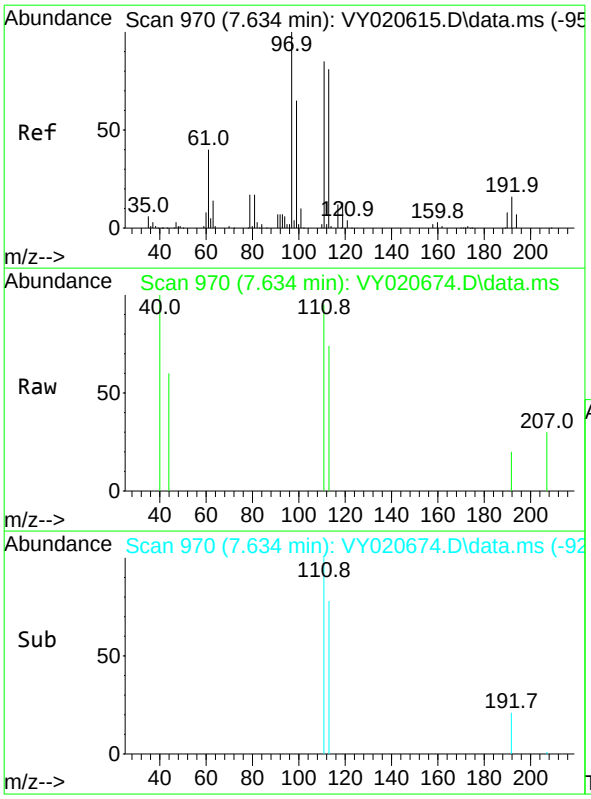


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Tgt Ion:114 Resp: 1237

Ion	Ratio	Lower	Upper
114	100		
63	10.9	0.0	44.0
88	0.0	0.0	32.8



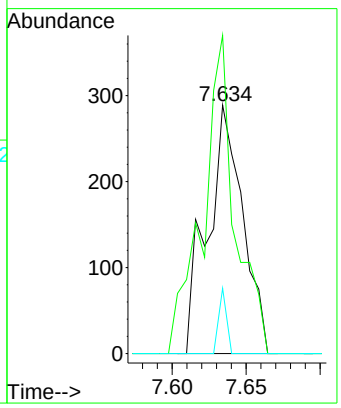


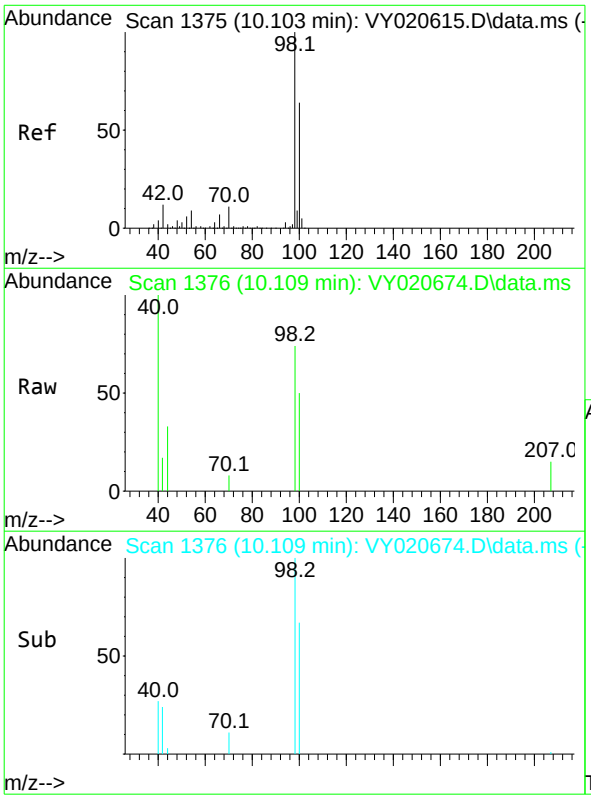
#35
Dibromofluoromethane
Concen: 54.829 ug/l
RT: 7.634 min Scan# 97
Delta R.T. 0.000 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion:113 Resp: 478

Ion	Ratio	Lower	Upper
113	100		
111	116.9	82.9	124.3
192	5.9	15.7	23.5#

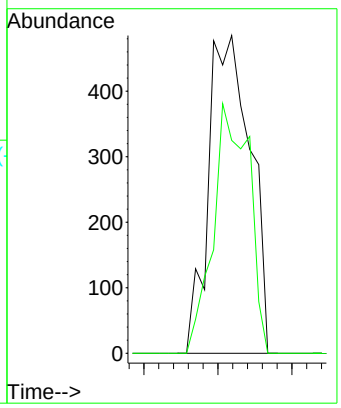


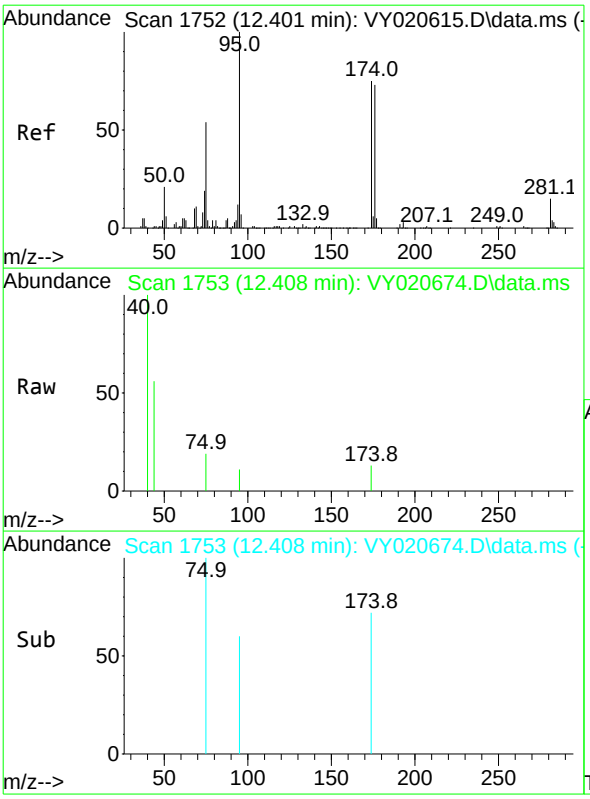


#50
Toluene-d8
Concen: 31.231 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Tgt Ion: 98 Resp: 953

Ion	Ratio	Lower	Upper
98	100		
100	67.4	52.1	78.1



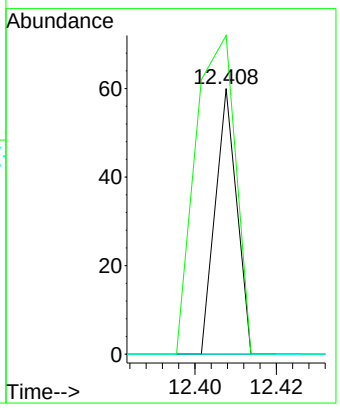


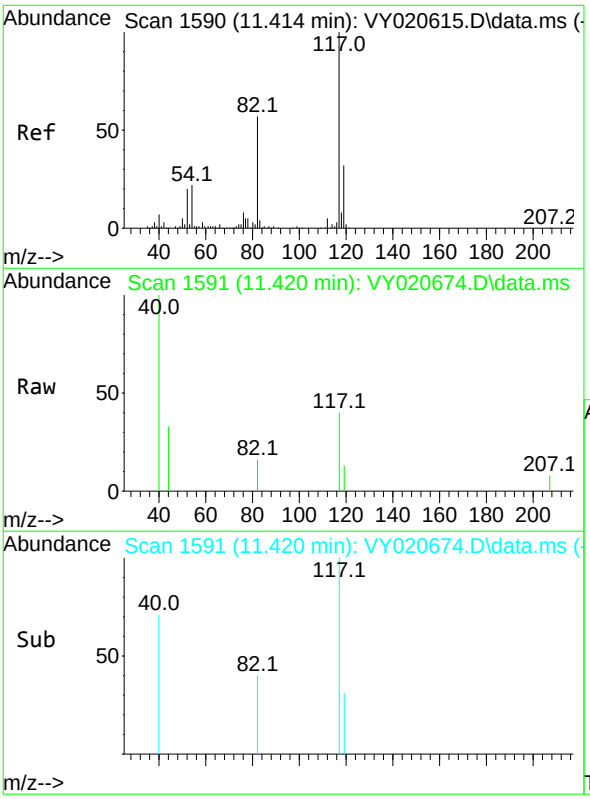
#62
4-Bromofluorobenzene
Concen: 1.843 ug/l
RT: 12.408 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion: 95 Resp: 22

Ion	Ratio	Lower	Upper
95	100		
174	222.7	0.0	161.8#
176	0.0	0.0	156.6

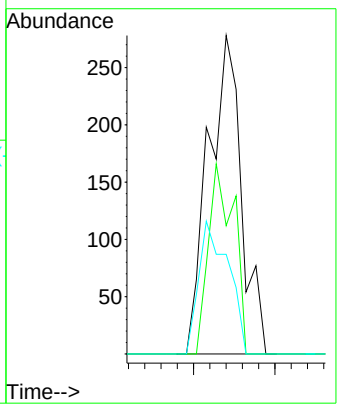


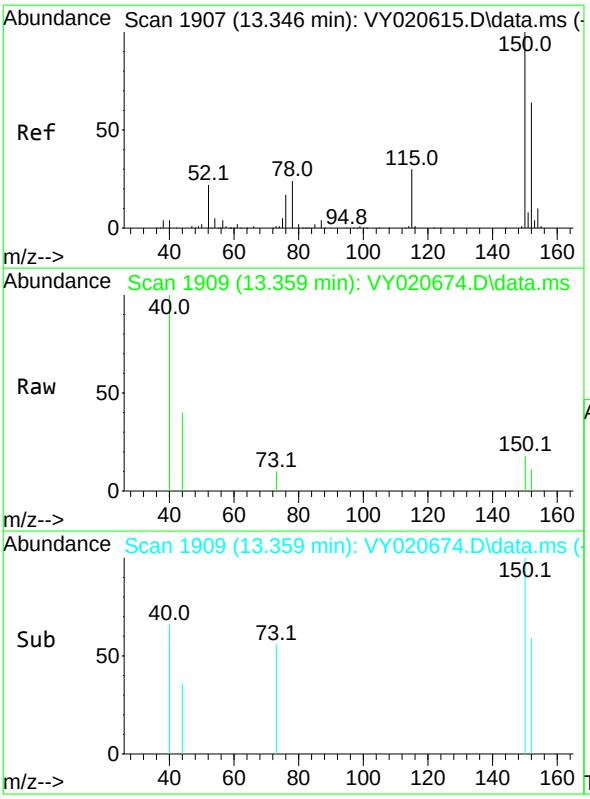


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Tgt Ion:117 Resp: 393

Ion	Ratio	Lower	Upper
117	100		
82	40.3	45.8	68.6#
119	31.3	25.3	37.9



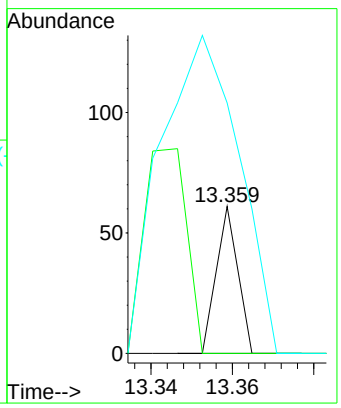


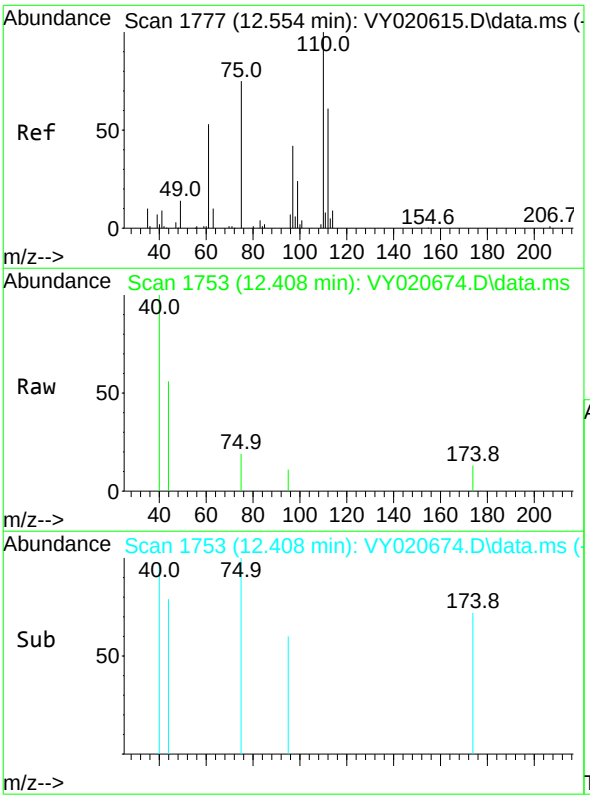
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 19
Delta R.T. 0.012 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion:152 Resp: 22

Ion	Ratio	Lower	Upper
152	100		
115	281.8	30.2	90.6#
150	800.0	0.0	355.4#

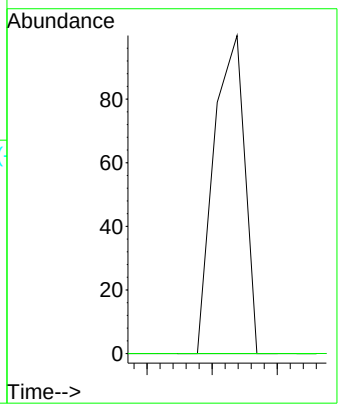


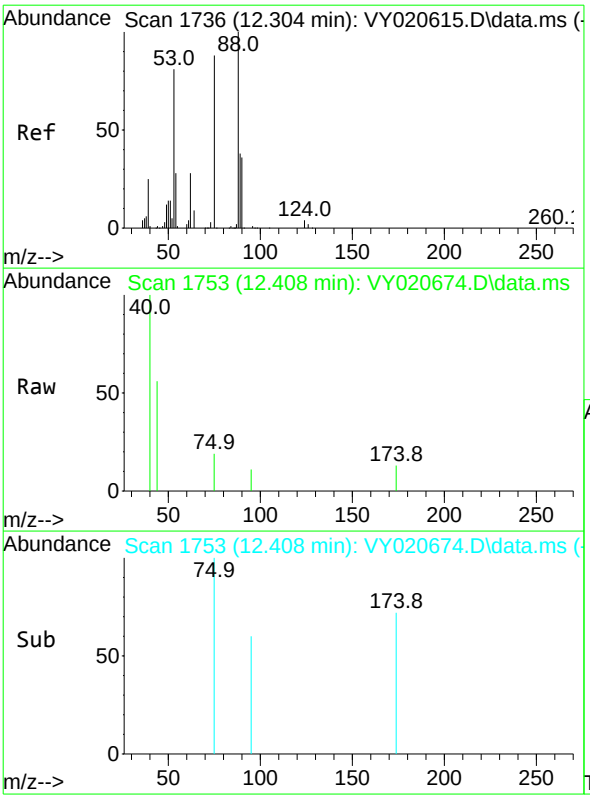


#76
1,2,3-Trichloropropane
Concen: 284.417 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 597.004 ug/l
RT: 12.408 min Scan# 17
Delta R.T. 0.104 min
Lab File: VY020674.D
Acq: 20 Dec 2024 16:31

Instrument :
MSVOA_Y
ClientSampleId :
VNJ210

Tgt Ion: 75 Resp: 65

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.4	113.2#
89	0.0	37.0	55.4#