Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032725\
Data File : VY021674.D
Acq On : 27 Mar 2025 18:08
Operator : SY/MD
Sample : Q1656-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Quant Time: Mar 28 04:03:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 28 02:30:29 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	3789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	5276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	3998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	2889	70.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.740%			
35) Dibromofluoromethane	7.634	113	2048	59.840	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.680%			
50) Toluene-d8	10.109	98	6208	47.680	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.414	95	933	21.185	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 42.380%			
Target Compounds						Qvalue
52) Toluene	10.170	92	189	1.940	ug/l #	37

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

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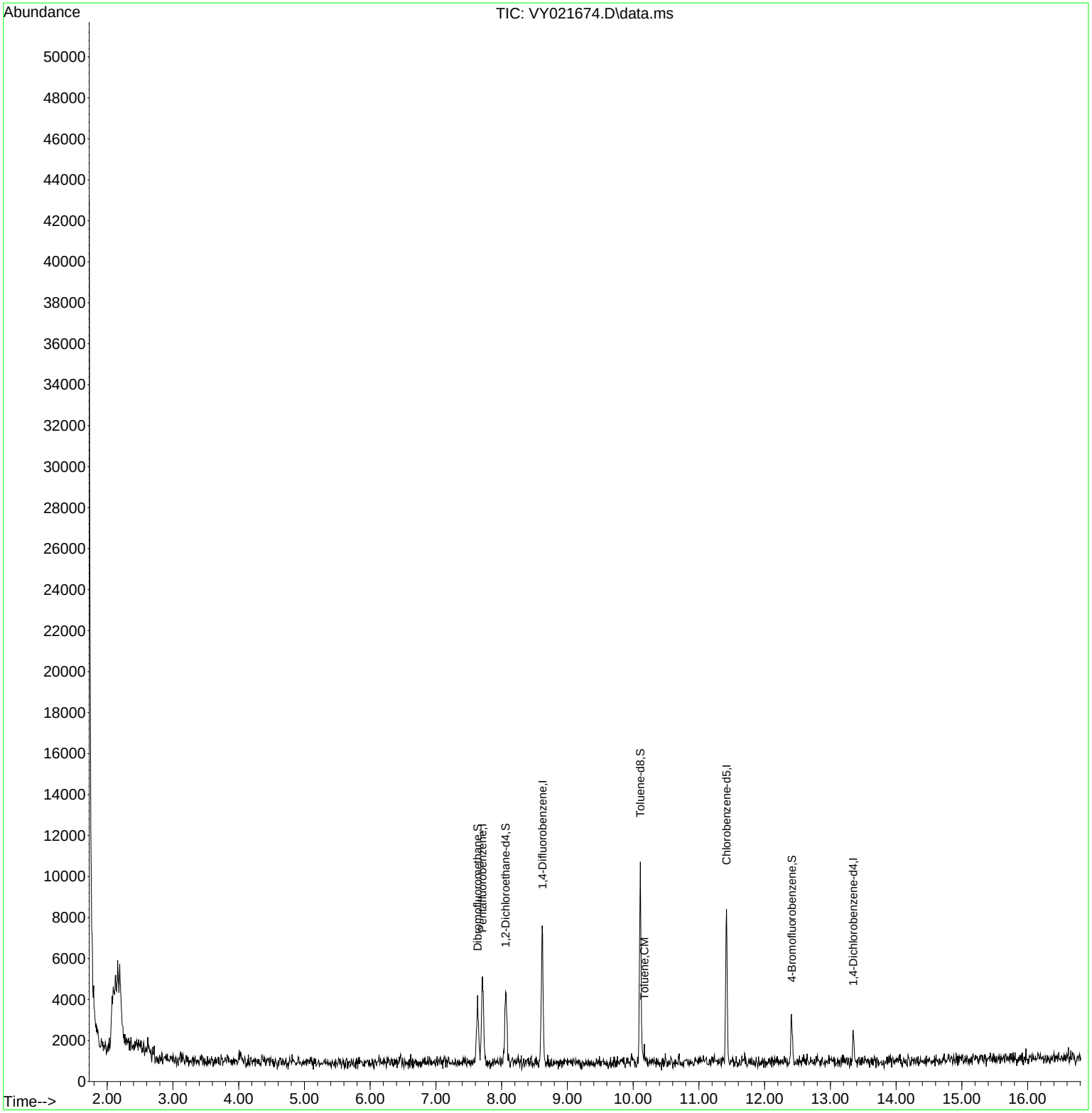
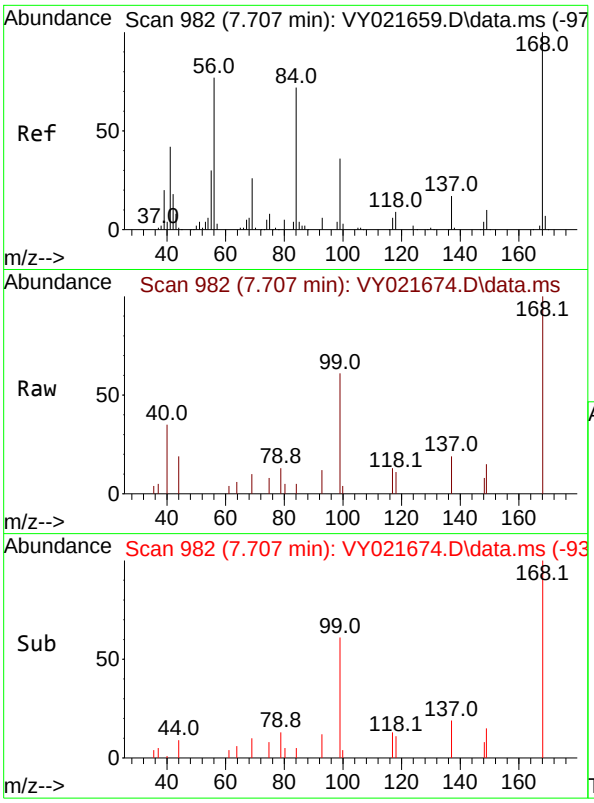


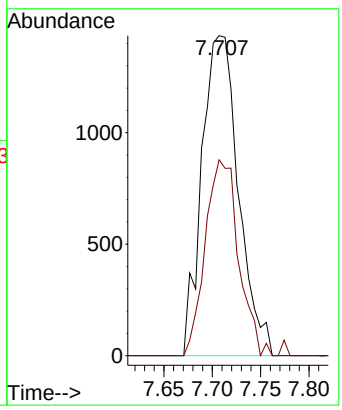


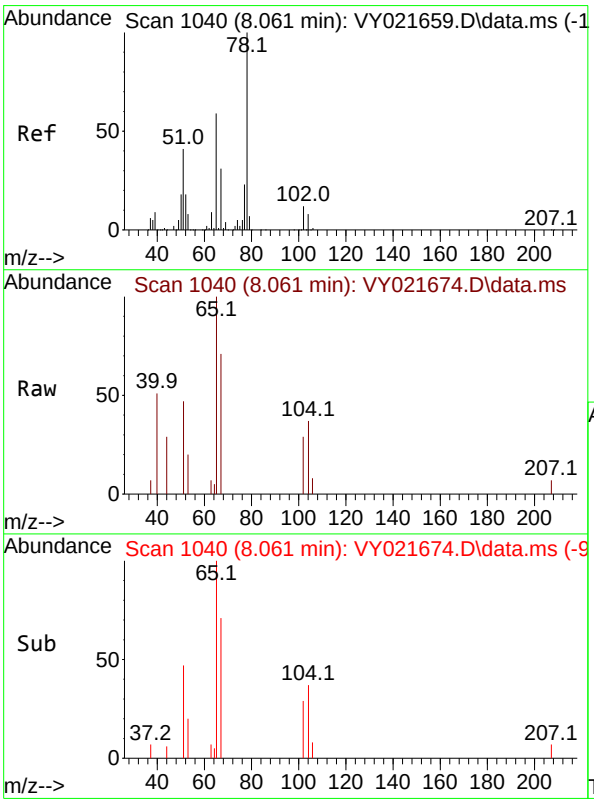
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Tgt Ion:168 Resp: 3789

Ion	Ratio	Lower	Upper
168	100		
99	61.2	46.7	70.1

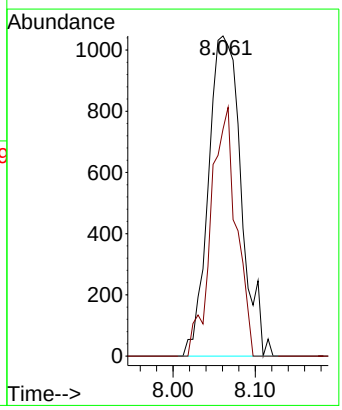


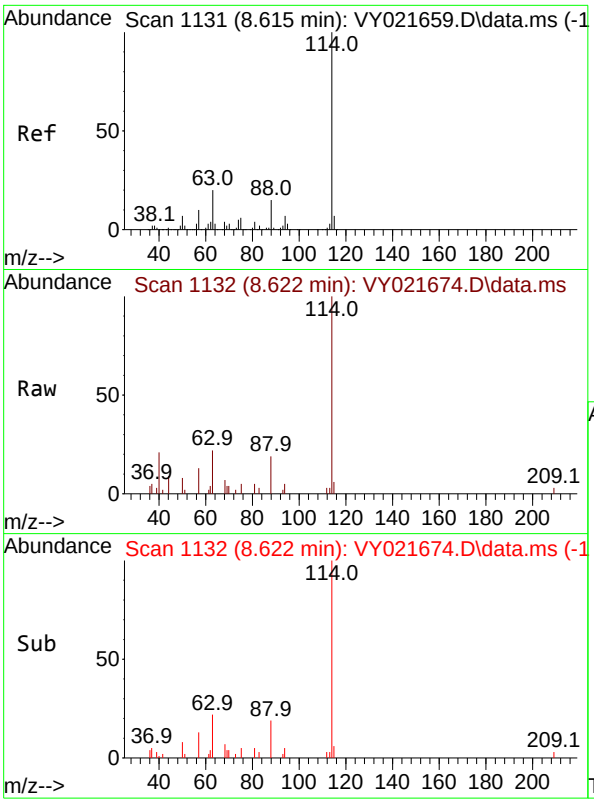


#33
1,2-Dichloroethane-d4
Concen: 70.373 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Tgt Ion: 65 Resp: 2889

Ion	Ratio	Lower	Upper
65	100		
67	60.5	0.0	104.6



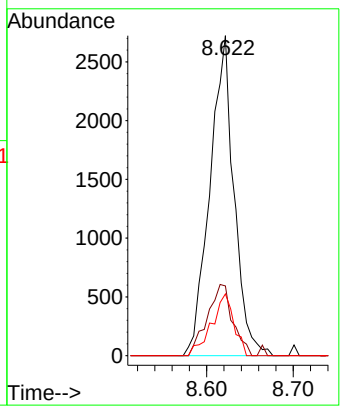


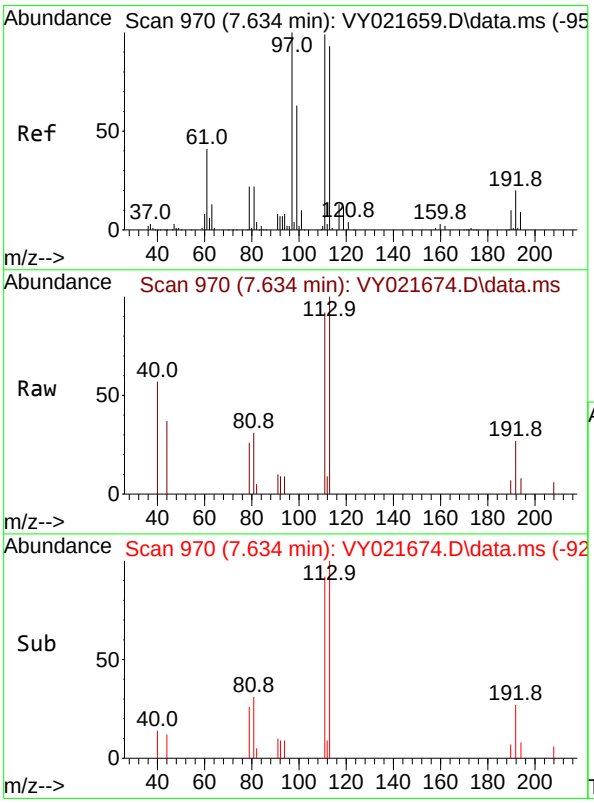
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Tgt Ion:114 Resp: 5276

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.2
88	19.3	0.0	29.8

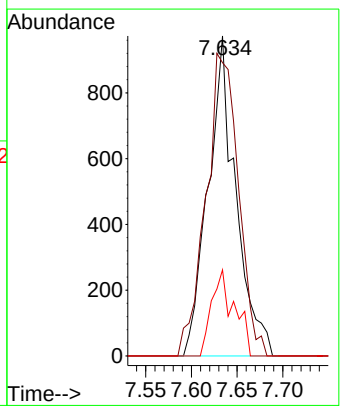


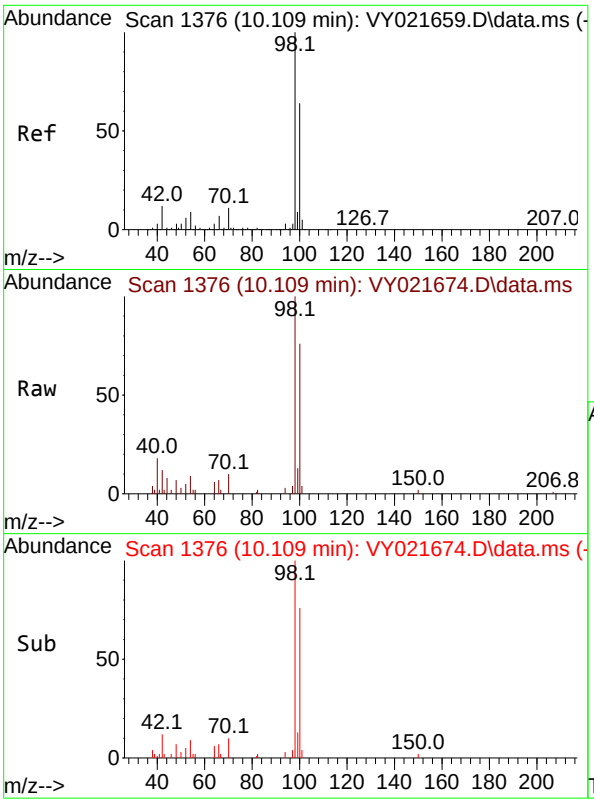


#35
Dibromofluoromethane
Concen: 59.840 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Tgt Ion:113 Resp: 2048

Ion	Ratio	Lower	Upper
113	100		
111	111.1	82.6	123.8
192	22.1	16.2	24.4



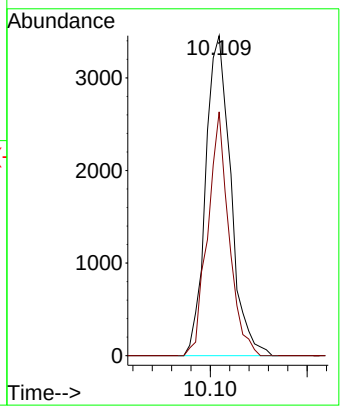


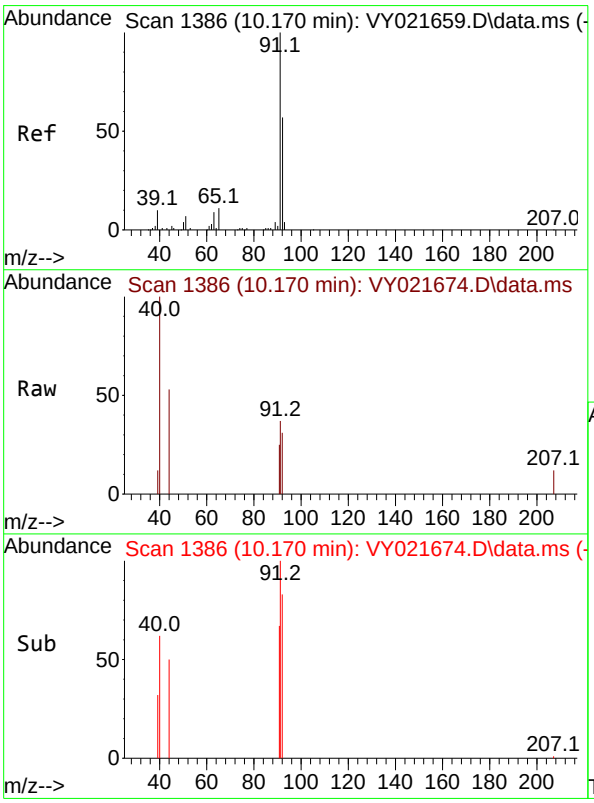
#50
Toluene-d8
Concen: 47.680 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Tgt Ion: 98 Resp: 6208

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.1	78.1

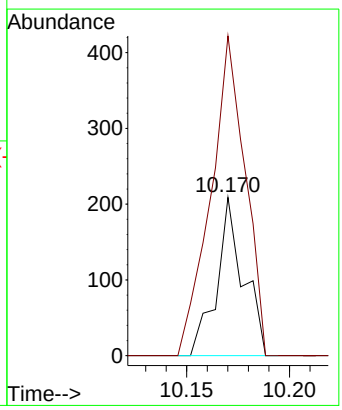


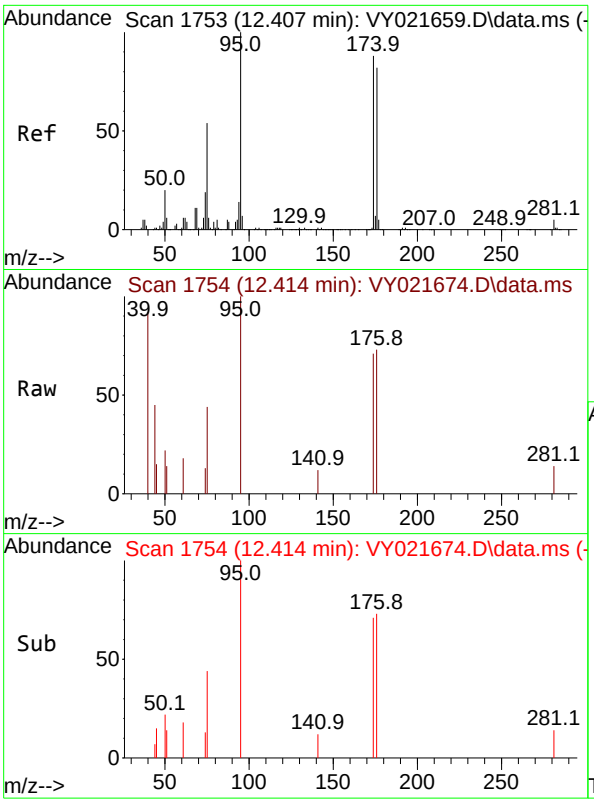


#52
Toluene
Concen: 1.940 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Tgt Ion: 92 Resp: 189

Ion	Ratio	Lower	Upper
92	100		
91	260.8	138.6	207.8#



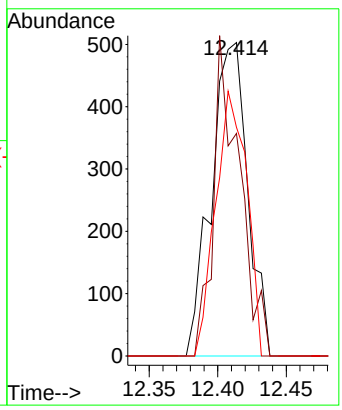


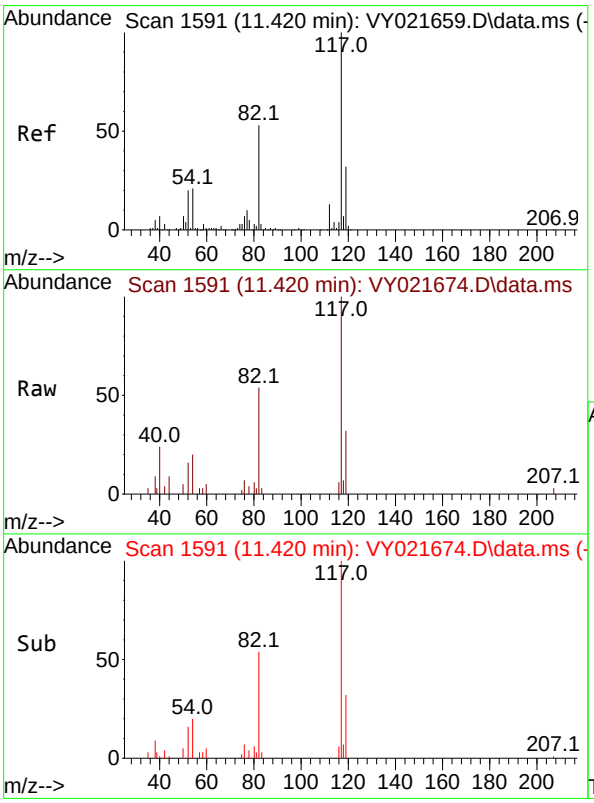
#62
4-Bromofluorobenzene
Concen: 21.185 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Tgt Ion: 95 Resp: 933

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	170.8
176	72.2	0.0	162.0

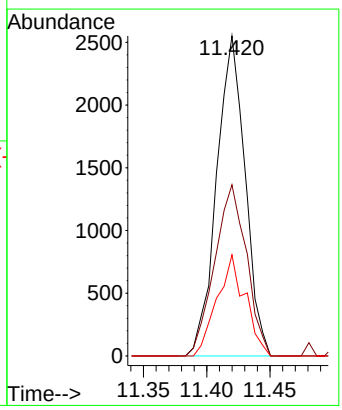


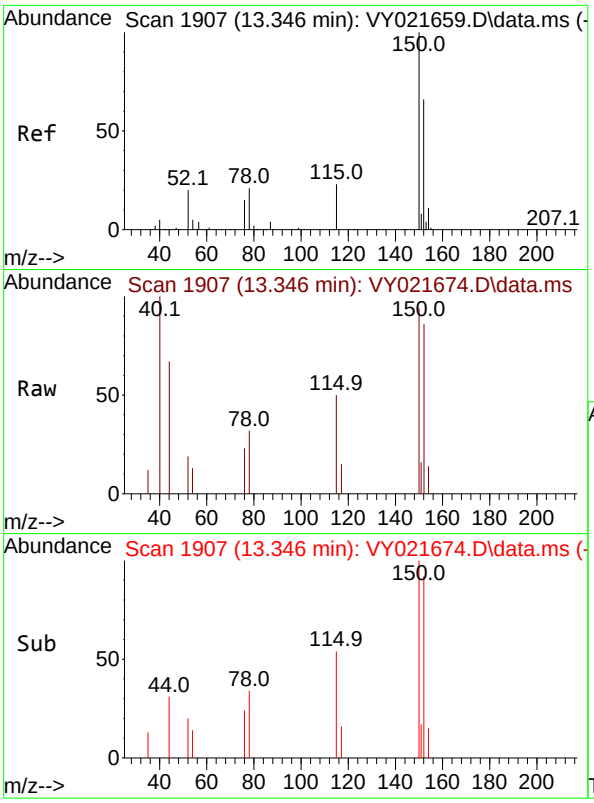


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Tgt Ion:117 Resp: 3998

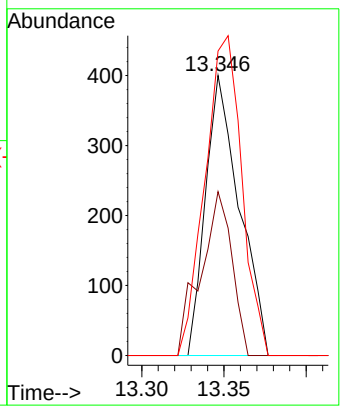
Ion	Ratio	Lower	Upper
117	100		
82	53.5	42.8	64.2
119	31.6	25.7	38.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021674.D
Acq: 27 Mar 2025 18:08

Instrument :
MSVOA_Y
ClientSampleId :
VNJ239

Tgt Ion:152 Resp: 573

Ion	Ratio	Lower	Upper
152	100		
115	53.6	28.8	86.5
150	123.9	0.0	348.4