Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
Data File : VY017272.D
Acq On : 06 Feb 2024 18:11
Operator : SY/MD
Sample : P1355-01
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Quant Time: Feb 07 00:11:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 02 00:56:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	44717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78512	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	69694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	26860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	25392	63.564	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 127.120%			
35) Dibromofluoromethane	7.722	113	26664	62.899	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 125.800%			
50) Toluene-d8	10.185	98	94812	61.429	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 122.860%			
62) 4-Bromofluorobenzene	12.489	95	27589	54.567	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.140%			
Target Compounds						Qvalue

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

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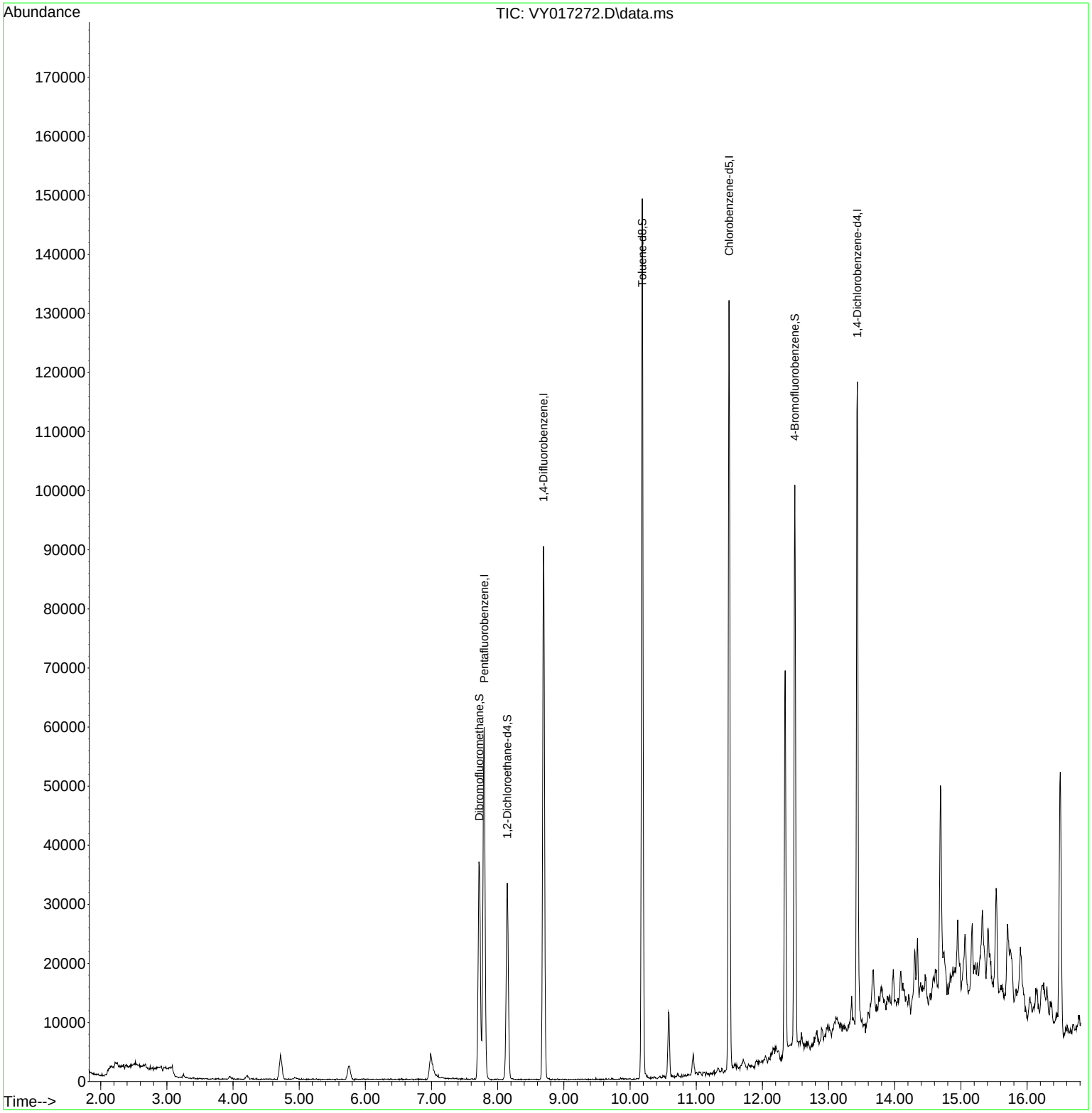
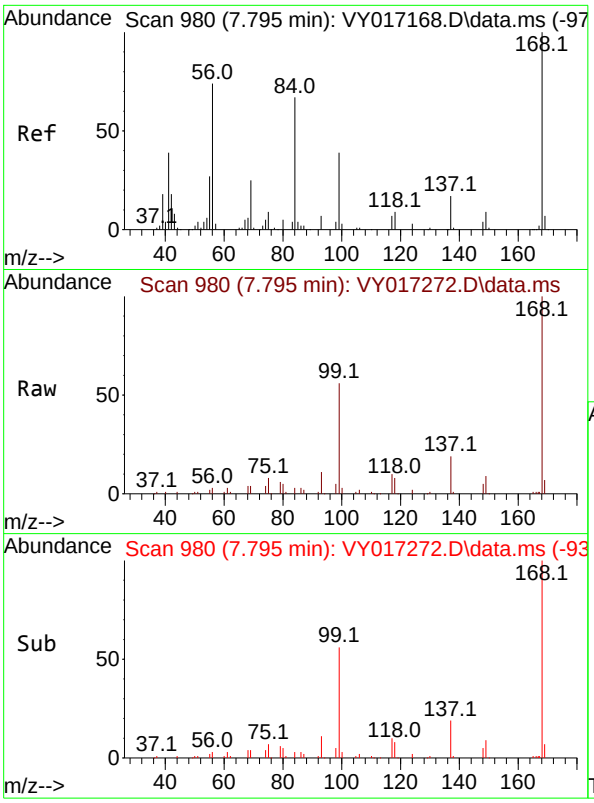


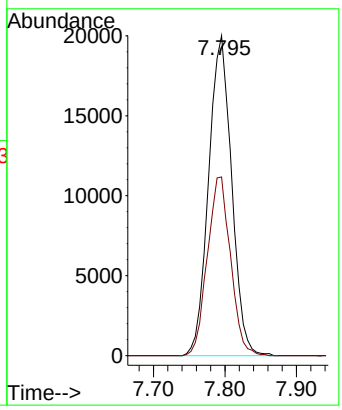


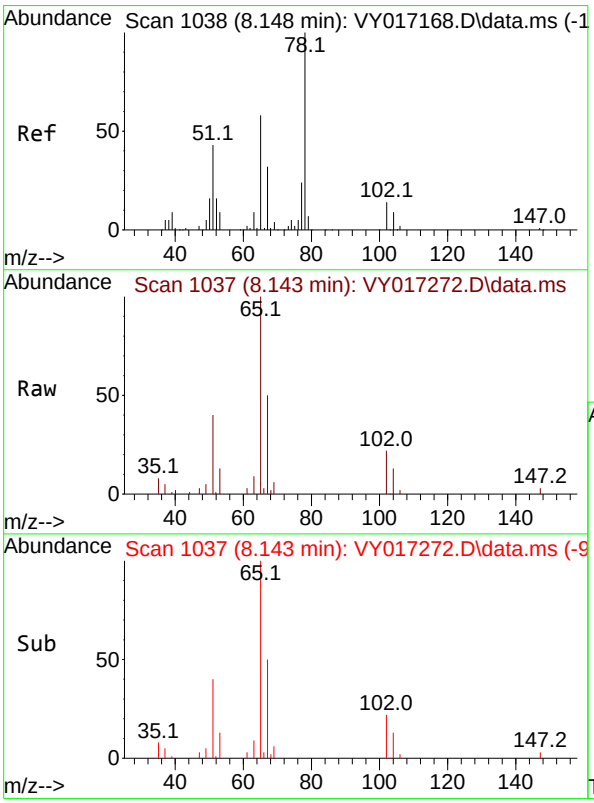
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tgt Ion:168 Resp: 44717

Ion	Ratio	Lower	Upper
168	100		
99	55.9	44.2	66.4

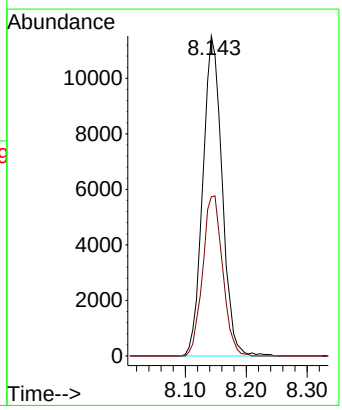


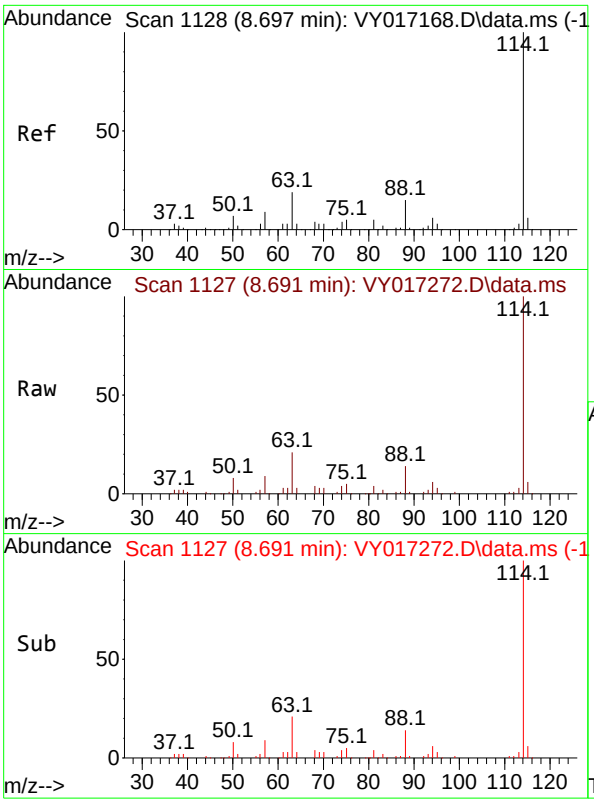


#33
1,2-Dichloroethane-d4
Concen: 63.564 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Tgt Ion: 65 Resp: 25392

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	109.0



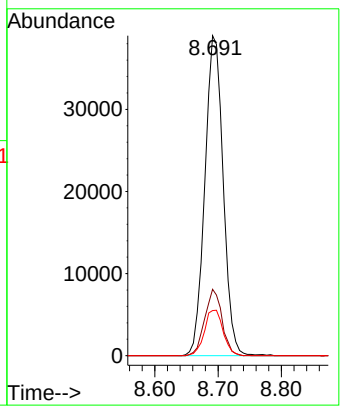


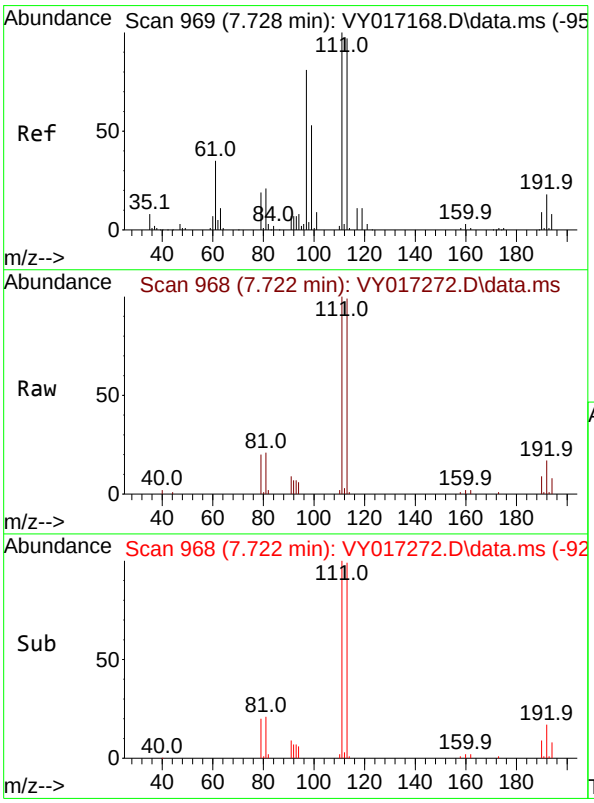
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tgt Ion:114 Resp: 78512

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	37.4
88	14.1	0.0	29.0

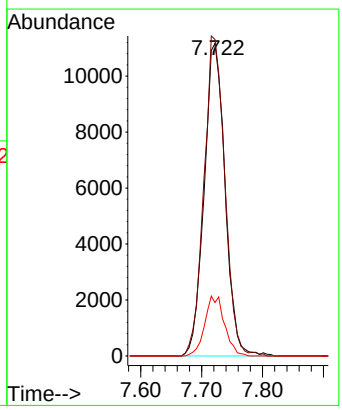


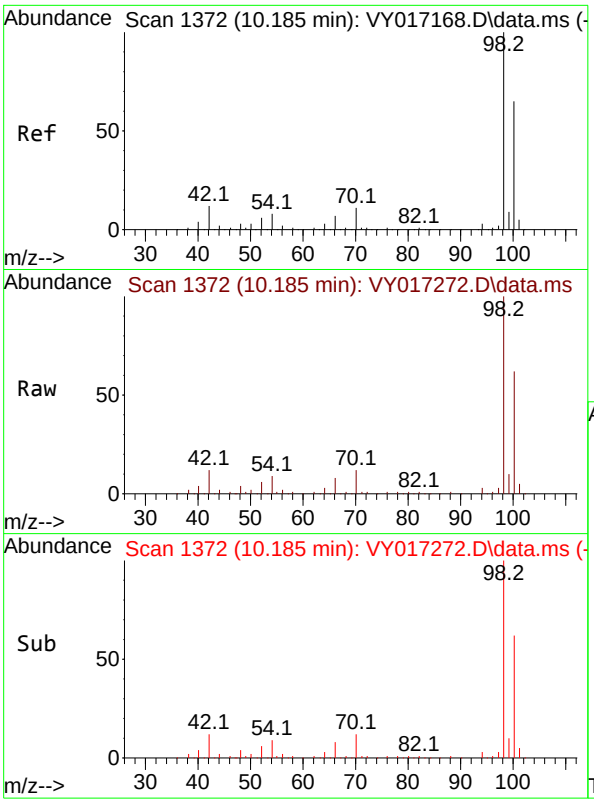


#35
Dibromofluoromethane
Concen: 62.899 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Tgt Ion:113 Resp: 26664

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	18.1	14.5	21.7



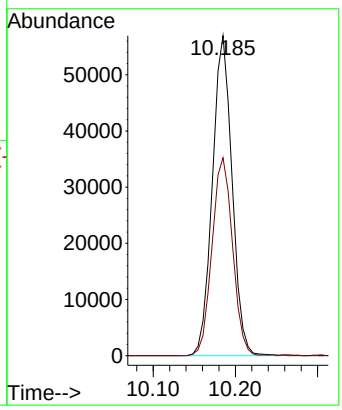


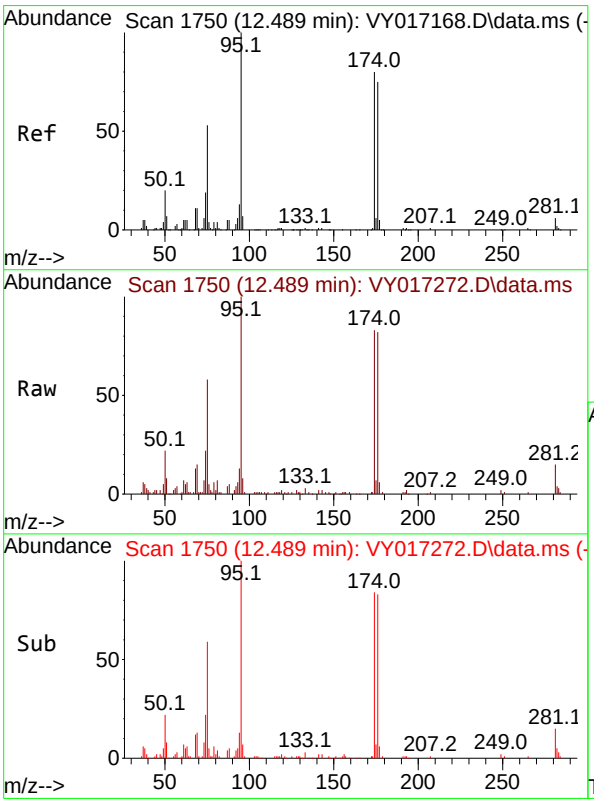
#50
Toluene-d8
Concen: 61.429 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

Tgt Ion: 98 Resp: 94812

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.3	78.5

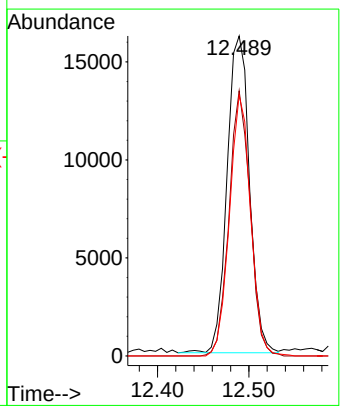


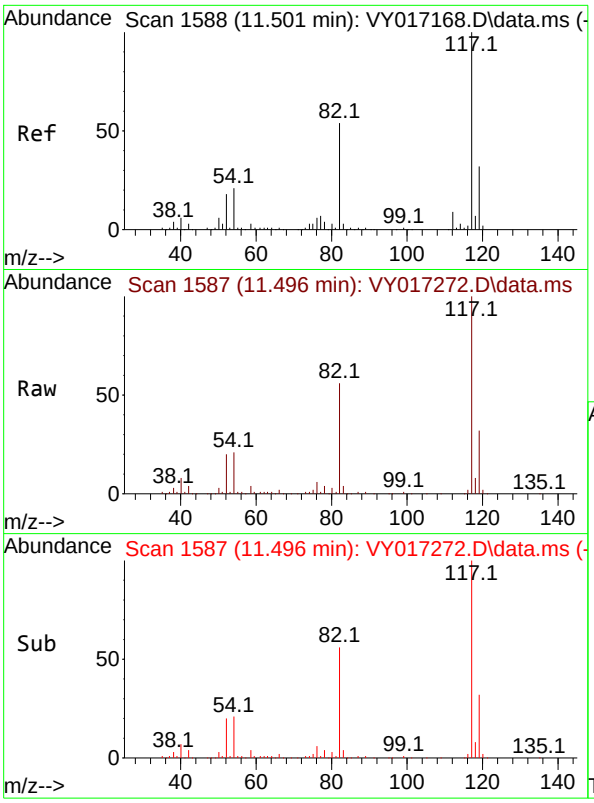


#62
4-Bromofluorobenzene
Concen: 54.567 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Tgt Ion: 95 Resp: 27589

Ion	Ratio	Lower	Upper
95	100		
174	78.7	0.0	160.0
176	77.5	0.0	151.8



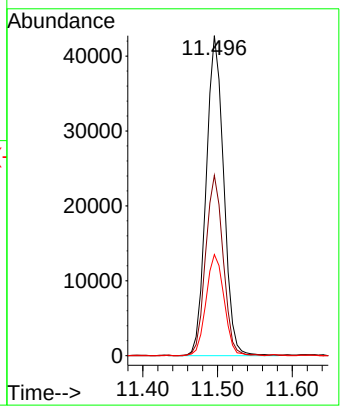


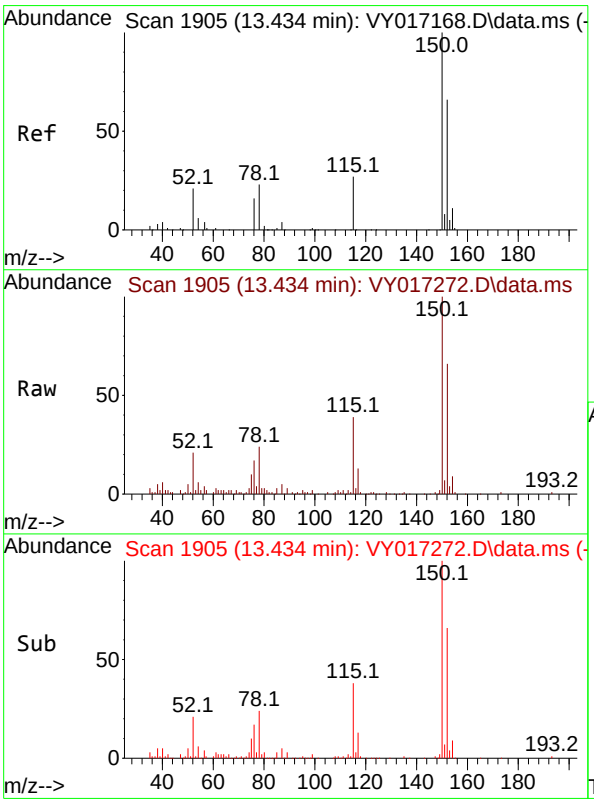
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

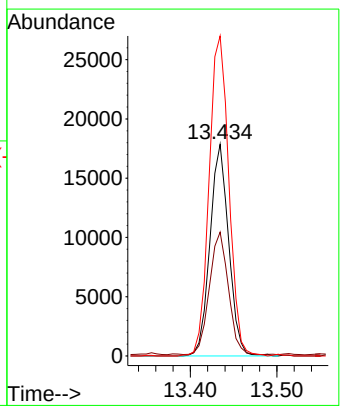
Tgt Ion:117 Resp: 69694

Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.8	65.8
119	31.6	26.5	39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017272.D
Acq: 06 Feb 2024 18:11

Tgt Ion:152 Resp: 26860

Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.0	90.0
150	159.0	0.0	344.6