Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
Data File : VY007085.D
Acq On : 08 Jan 2022 17:53
Operator : SY/MD
Sample : N1070-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Quant Time: Jan 10 03:41:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	135445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	229095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106154	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	97690	60.289	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.580%			
35) Dibromofluoromethane	7.728	113	81334	49.932	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.860%			
50) Toluene-d8	10.185	98	299933	49.850	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.700%			
62) 4-Bromofluorobenzene	12.483	95	114537	52.783	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.560%			
Target Compounds						Qvalue
16) Acetone	3.960	43	13487	44.363	ug/l #	88
25) 2-Butanone	7.003	43	3964	8.439	ug/l	94
39) Methylcyclohexane	9.185	83	16069	4.978	ug/l	94
40) Benzene	8.167	78	7839	1.128	ug/l	100
52) Toluene	10.246	92	8015	1.812	ug/l	99
67) Ethyl Benzene	11.593	91	10309	1.113	ug/l	98
68) m/p-Xylenes	11.703	106	9777	2.823	ug/l	100
69) o-Xylene	12.032	106	5745	1.771	ug/l	91
84) 1,2,4-Trimethylbenzene	13.123	105	10699	1.465	ug/l	97

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

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HR-2-010622

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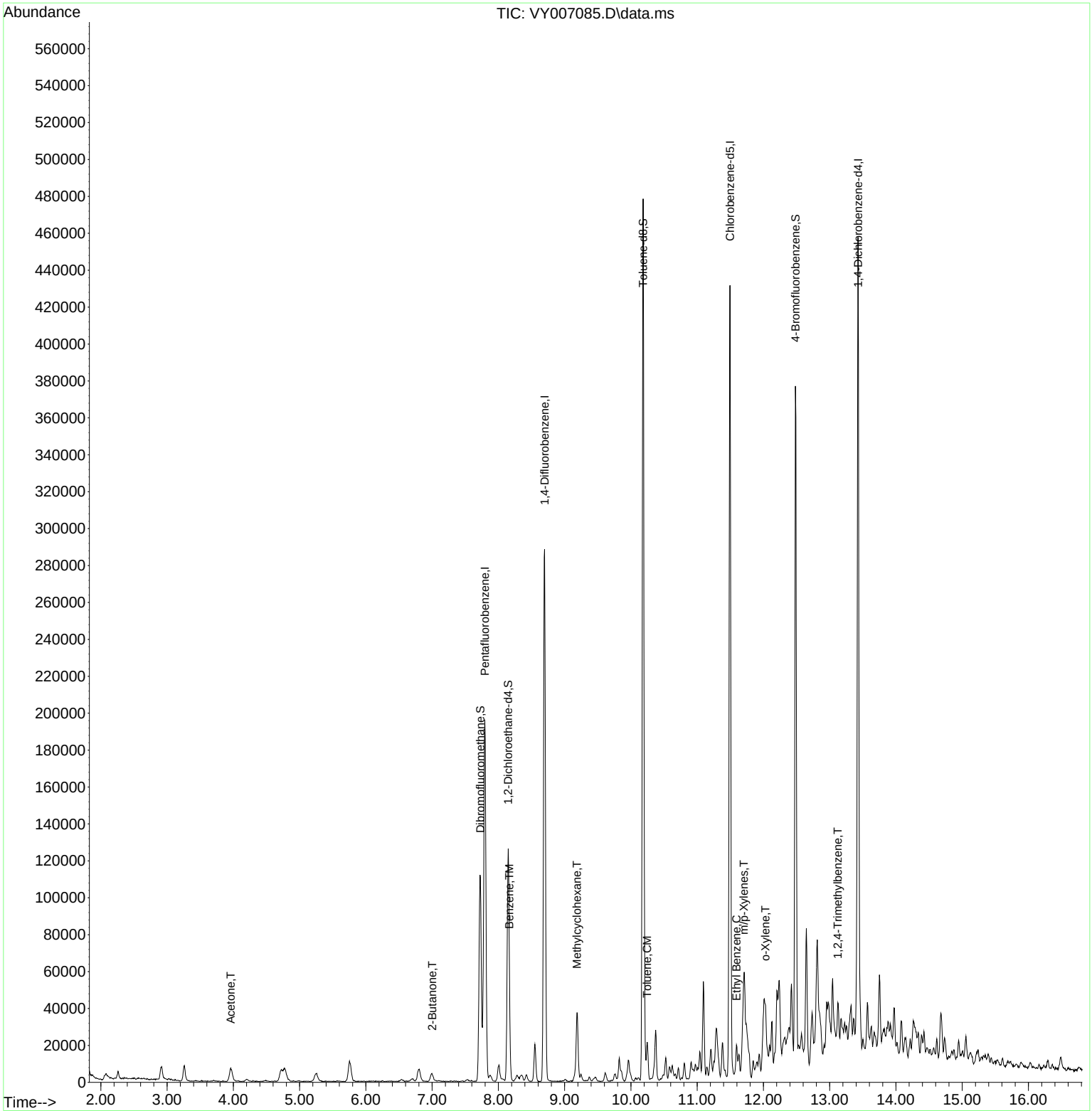
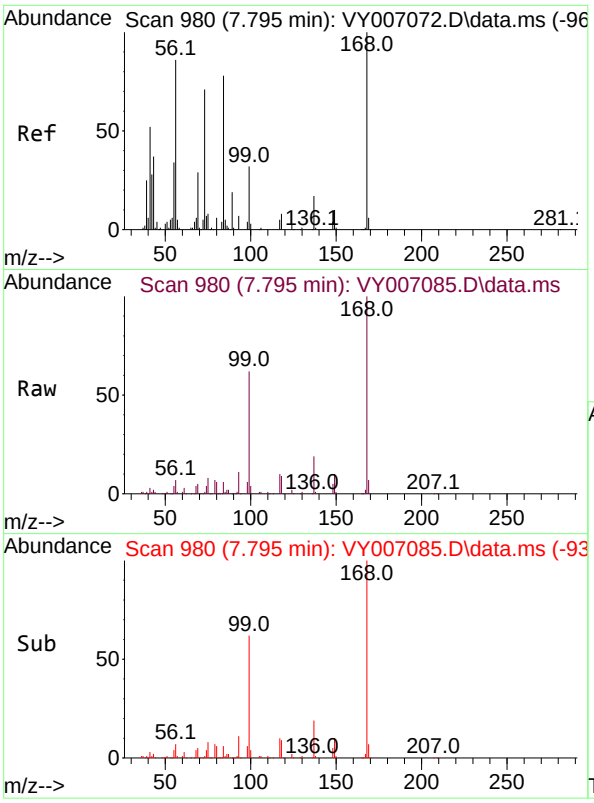


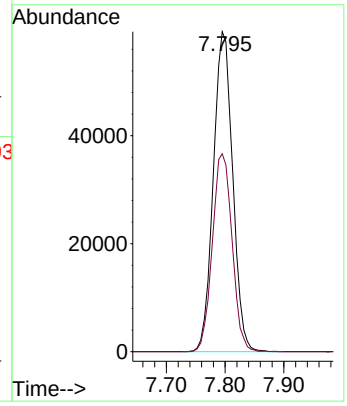


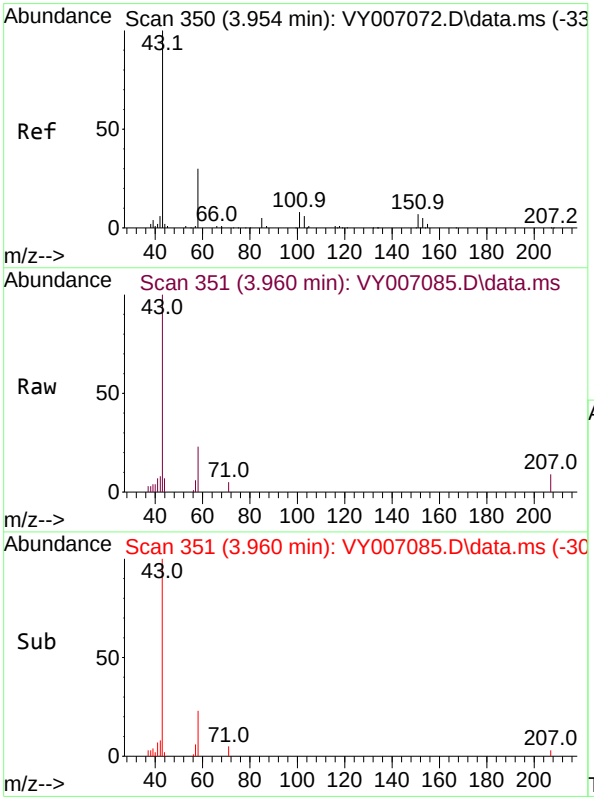
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion:168 Resp: 135445

Ion	Ratio	Lower	Upper
168	100		
99	61.8	49.1	73.7

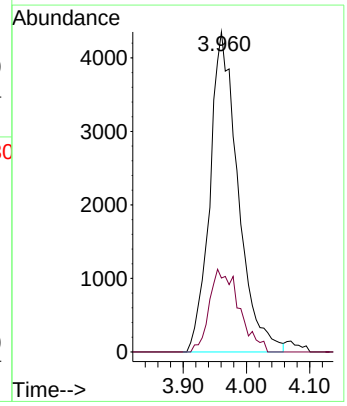


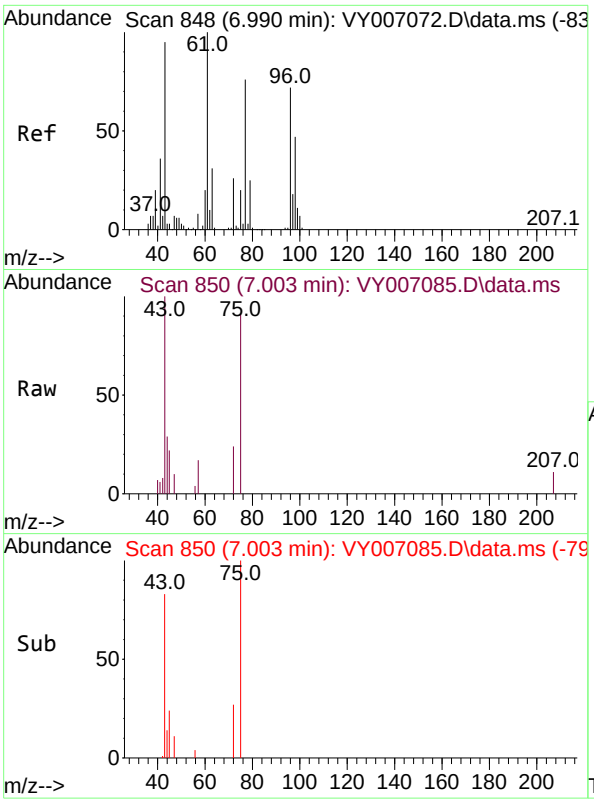


#16
Acetone
Concen: 44.363 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion: 43 Resp: 13487

Ion	Ratio	Lower	Upper
43	100		
58	23.1	23.8	35.6#



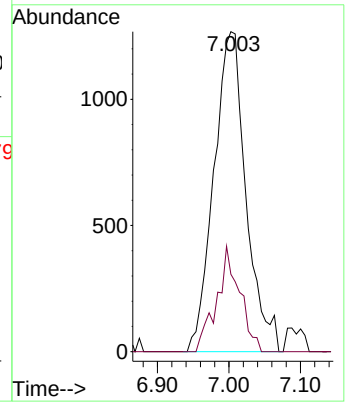


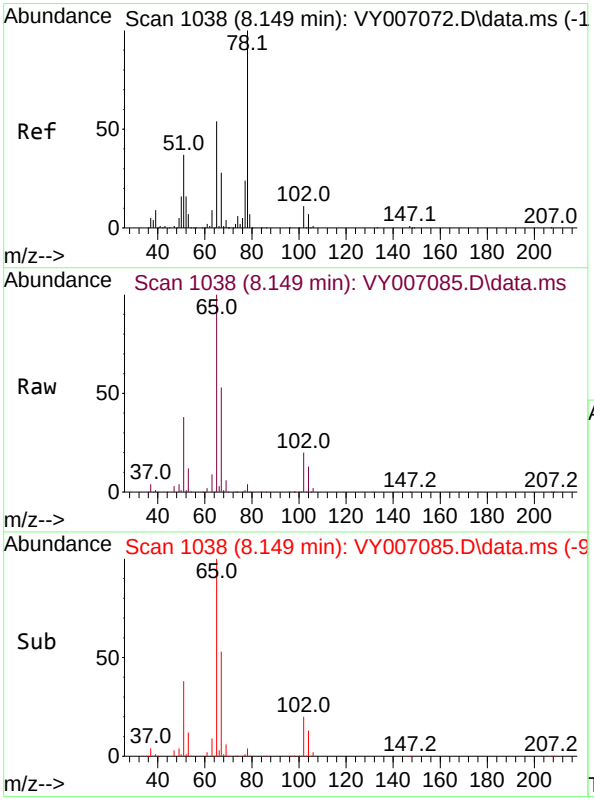
#25
2-Butanone
Concen: 8.439 ug/l
RT: 7.003 min Scan# 8
Delta R.T. 0.012 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion: 43 Resp: 3964

Ion	Ratio	Lower	Upper
43	100		
72	24.2	21.9	32.9

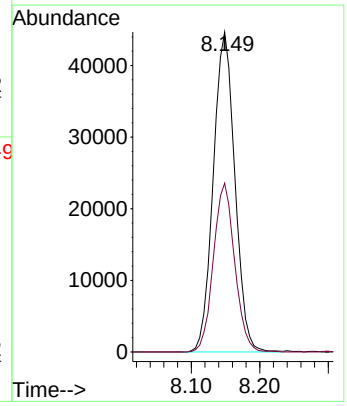


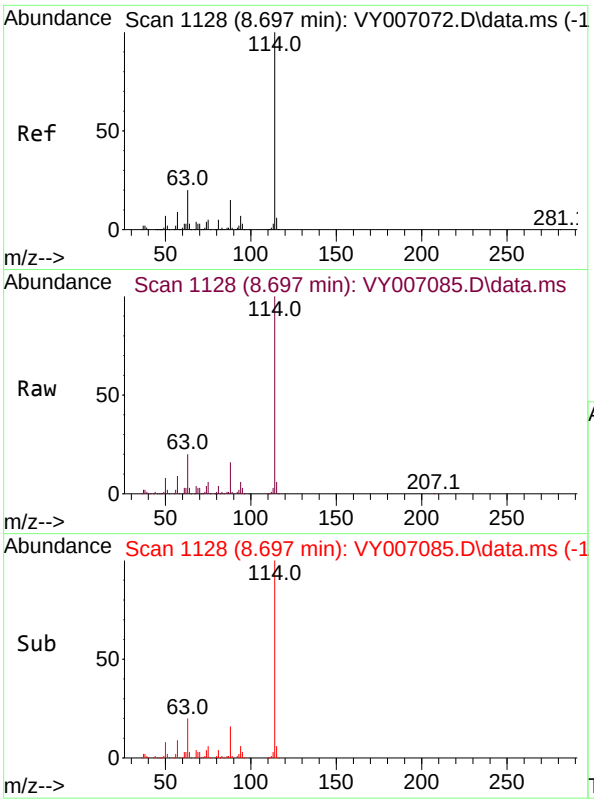


#33
1,2-Dichloroethane-d4
Concen: 60.289 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion: 65 Resp: 97690

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.6



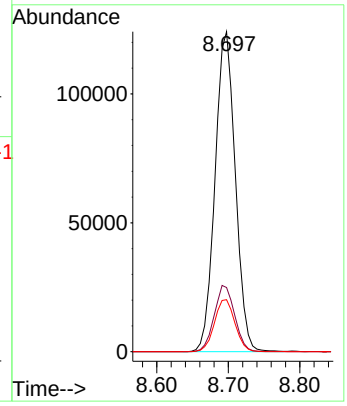


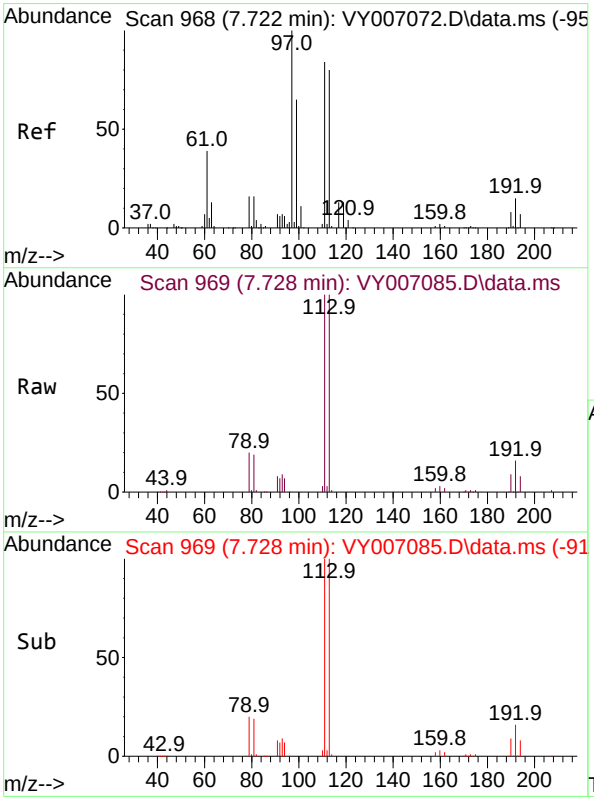
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion:114 Resp: 244404

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.2
88	16.3	0.0	31.0

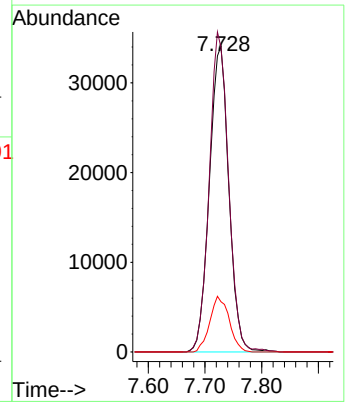


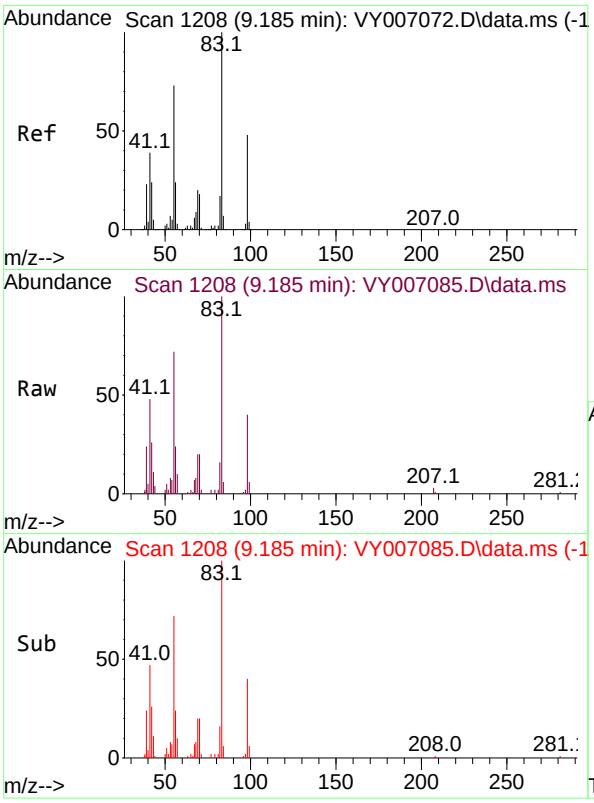


#35
Dibromofluoromethane
Concen: 49.932 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion:113 Resp: 81334

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.2	123.4
192	18.1	14.2	21.4



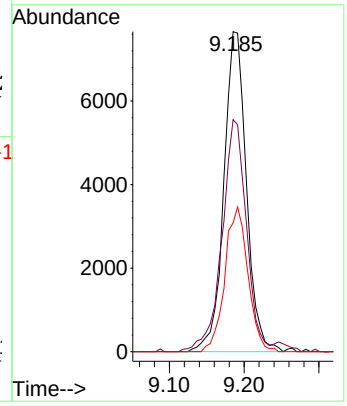


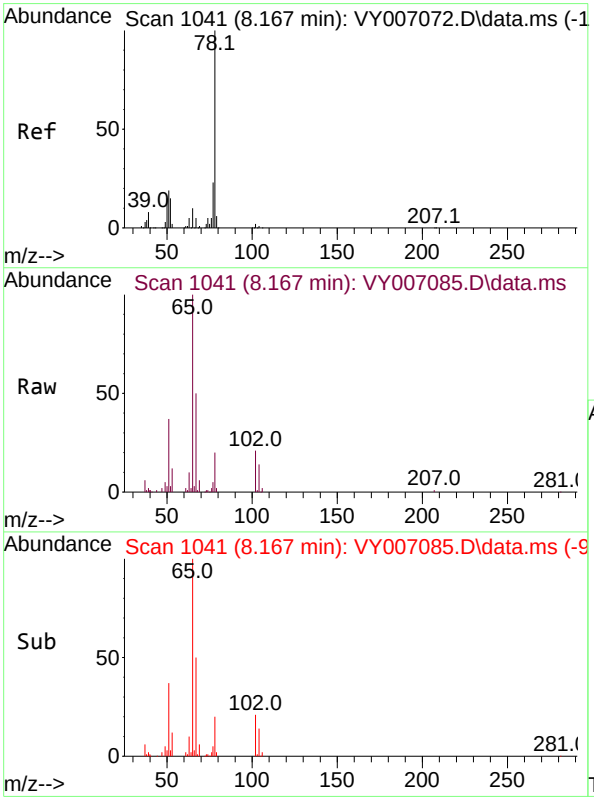
#39
Methylcyclohexane
Concen: 4.978 ug/l
RT: 9.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion: 83 Resp: 16069

Ion	Ratio	Lower	Upper
83	100		
55	71.7	58.8	88.2
98	40.3	38.7	58.1

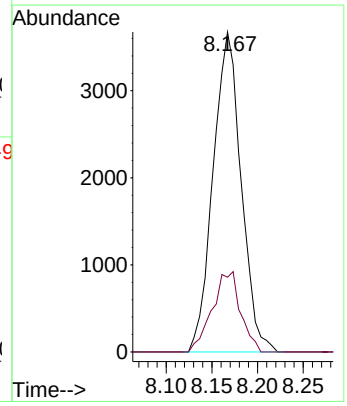


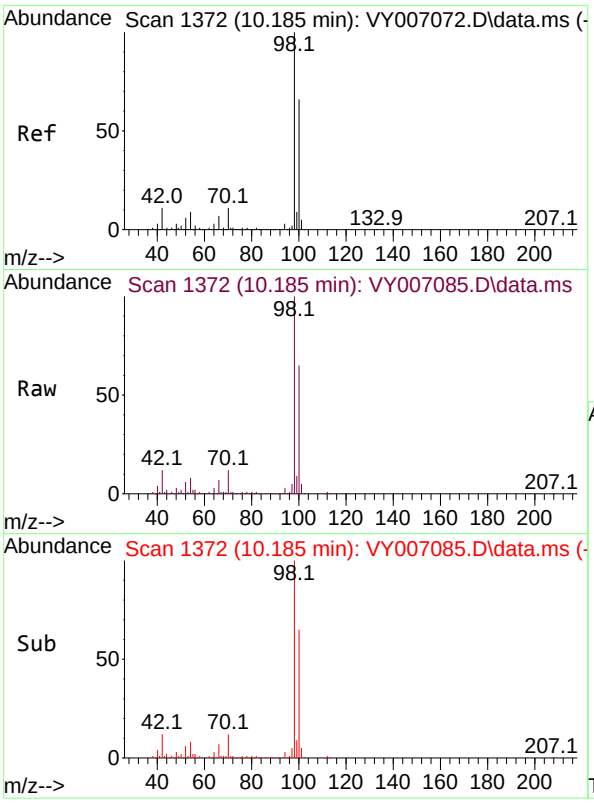


#40
Benzene
Concen: 1.128 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion: 78 Resp: 7839

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8



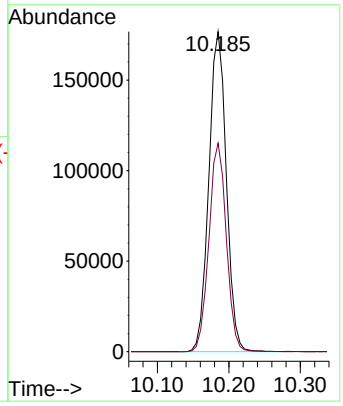


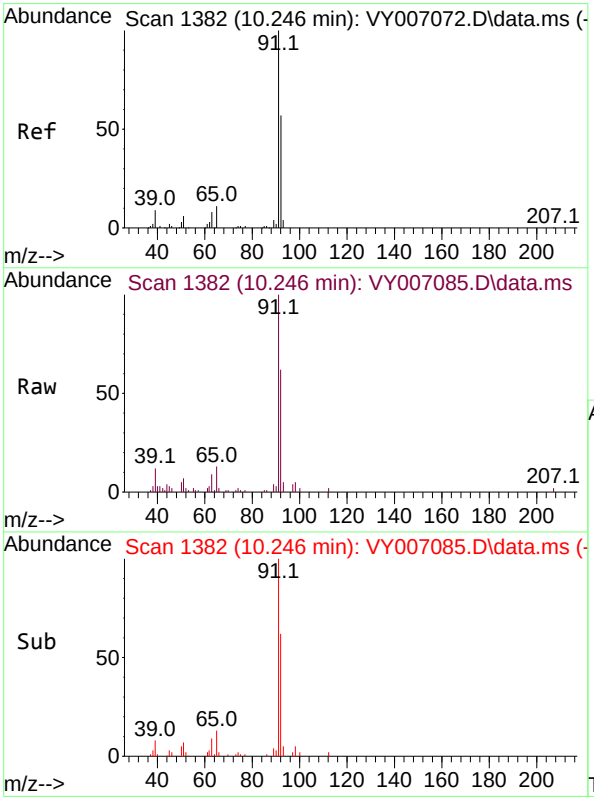
#50
Toluene-d8
Concen: 49.850 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion: 98 Resp: 299933

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2

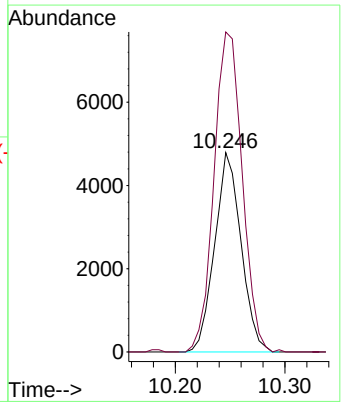


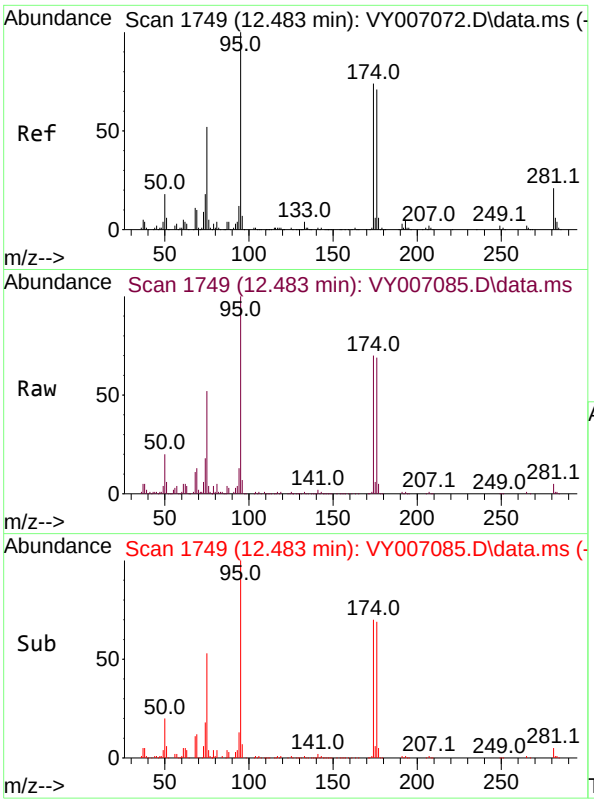


#52
Toluene
Concen: 1.812 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion: 92 Resp: 8015

Ion	Ratio	Lower	Upper
92	100		
91	171.7	138.6	207.8



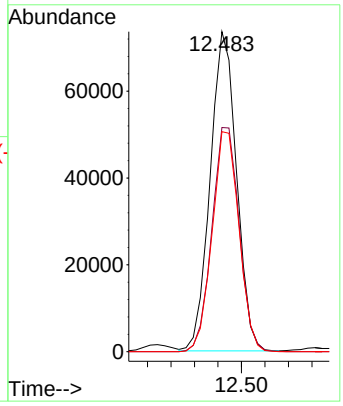


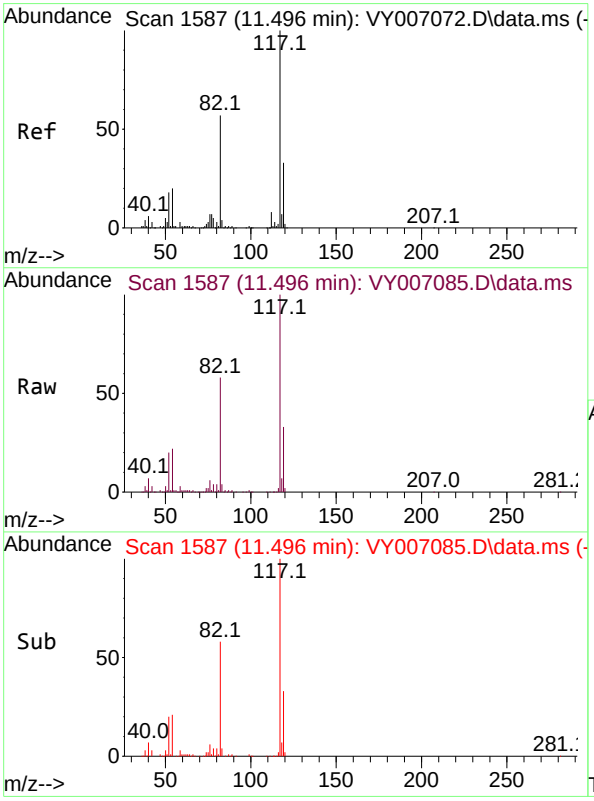
#62
4-Bromofluorobenzene
Concen: 52.783 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion: 95 Resp: 114537

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	148.4
176	70.3	0.0	146.6

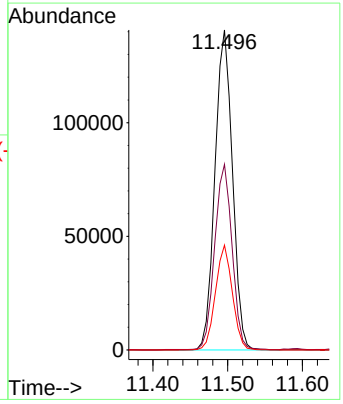


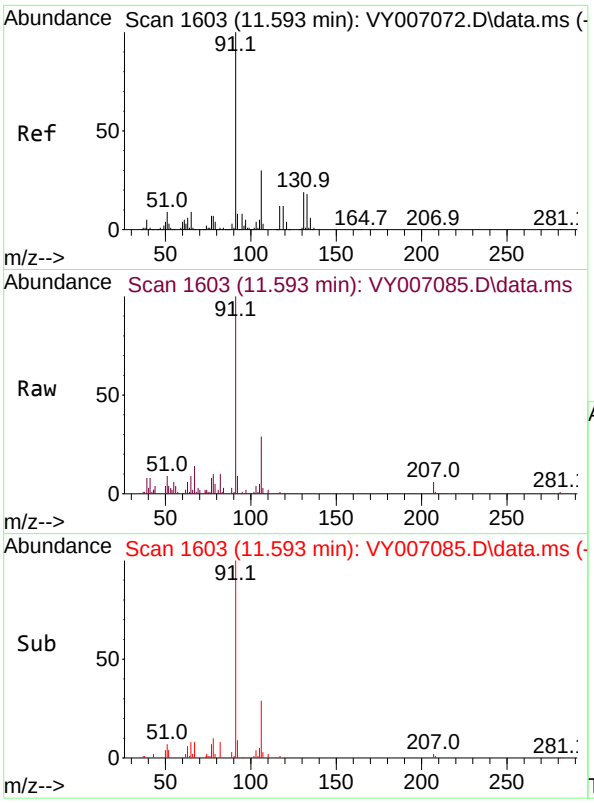


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion:117 Resp: 229095

Ion	Ratio	Lower	Upper
117	100		
82	57.9	45.4	68.0
119	32.8	26.4	39.6



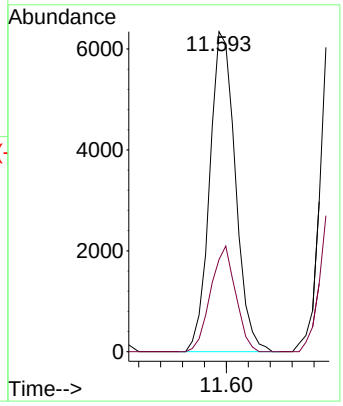


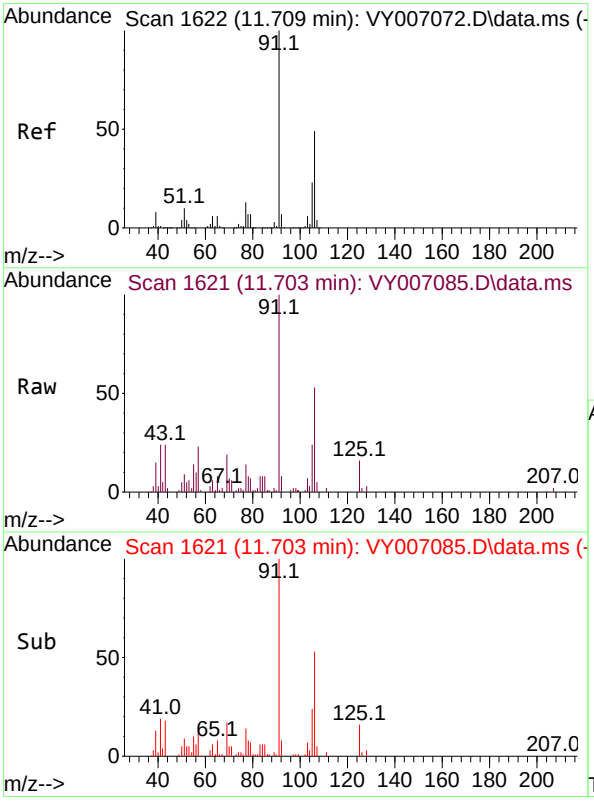
#67
Ethyl Benzene
Concen: 1.113 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion: 91 Resp: 10309

Ion	Ratio	Lower	Upper
91	100		
106	28.8	23.9	35.9

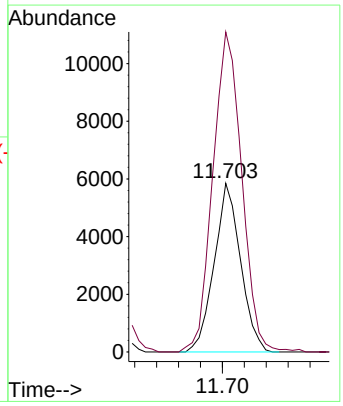


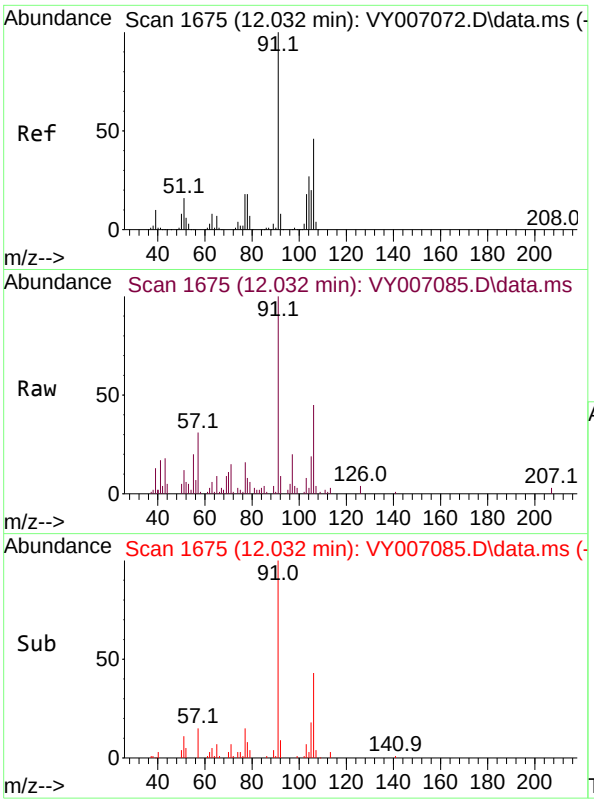


#68
m/p-Xylenes
Concen: 2.823 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion:106 Resp: 9777

Ion	Ratio	Lower	Upper
106	100		
91	208.2	167.1	250.7



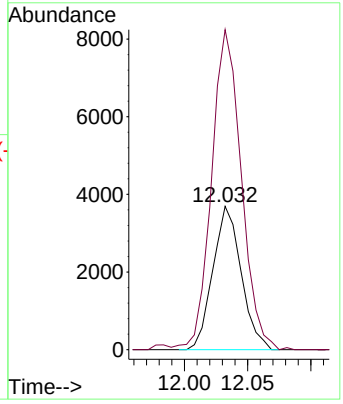


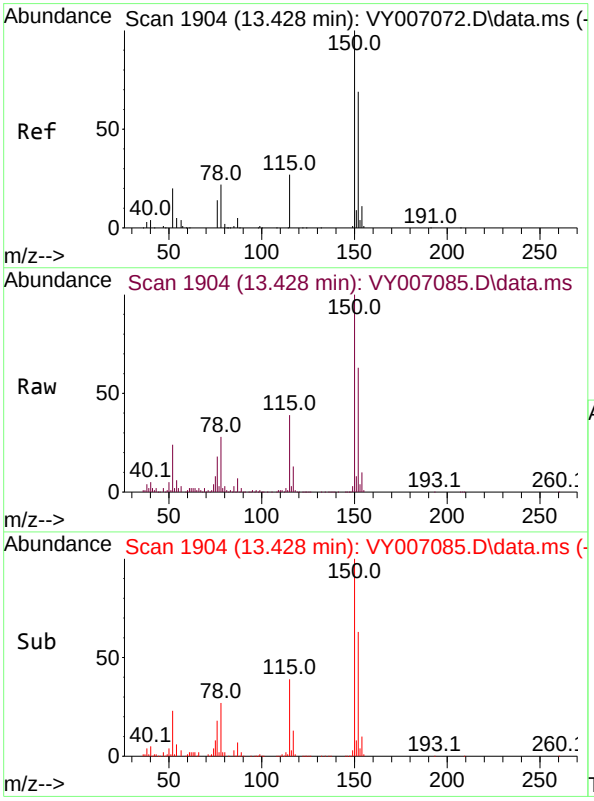
#69
o-Xylene
Concen: 1.771 ug/l
RT: 12.032 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion:106 Resp: 5745

Ion	Ratio	Lower	Upper
106	100		
91	234.3	109.9	329.6

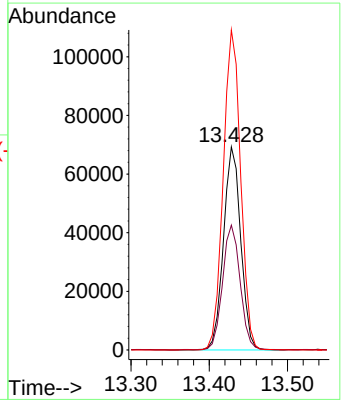


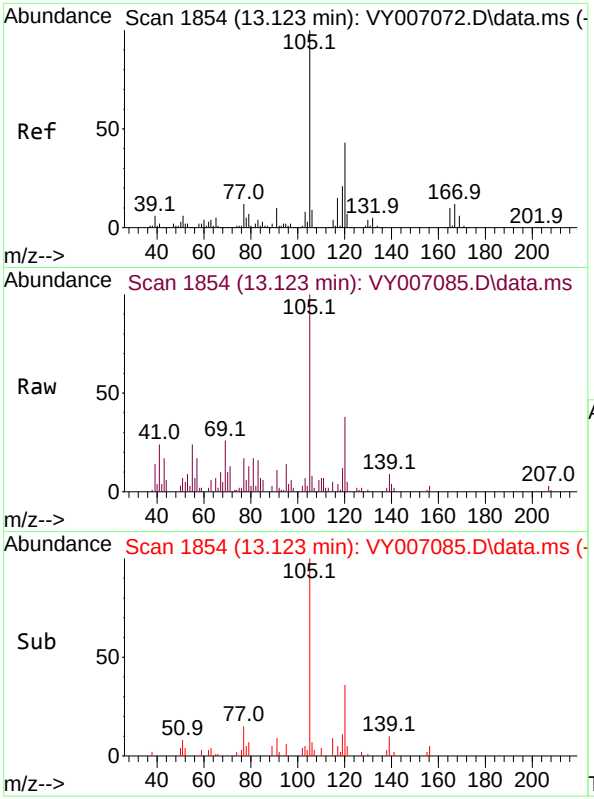


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Tgt Ion:152 Resp: 106154

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.4	94.0
150	158.9	0.0	348.4





#84
1,2,4-Trimethylbenzene
Concen: 1.465 ug/l
RT: 13.123 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007085.D
Acq: 08 Jan 2022 17:53

Instrument :
MSVOA_Y
ClientSampleId :
HR-2-010622

Tgt Ion:105 Resp: 10699

Ion	Ratio	Lower	Upper
105	100		
120	40.9	21.6	64.6