Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
Data File : VY007926.D
Acq On : 19 Mar 2022 02:02
Operator : SY/MD
Sample : N1958-06
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Quant Time: Mar 21 03:18:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	250706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	475639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	165017	57.728	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.460%			
35) Dibromofluoromethane	7.716	113	150559	45.072	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.140%			
50) Toluene-d8	10.179	98	578663	58.353	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 116.700%			
62) 4-Bromofluorobenzene	12.477	95	201413	42.013	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 84.020%			
Target Compounds						Qvalue
16) Acetone	3.942	43	8120	10.708	ug/l	92
20) Methylene Chloride	4.716	84	51786	14.305	ug/l	87
40) Benzene	8.155	78	34639	2.393	ug/l	92
67) Ethyl Benzene	11.593	91	237248	12.857	ug/l	97
68) m/p-Xylenes	11.697	106	108926	15.133	ug/l	95
69) o-Xylene	12.026	106	36225	5.203	ug/l	98
73) Isopropylbenzene	12.325	105	32515	1.971	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	58797	4.334	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	113427	8.529	ug/l	98

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

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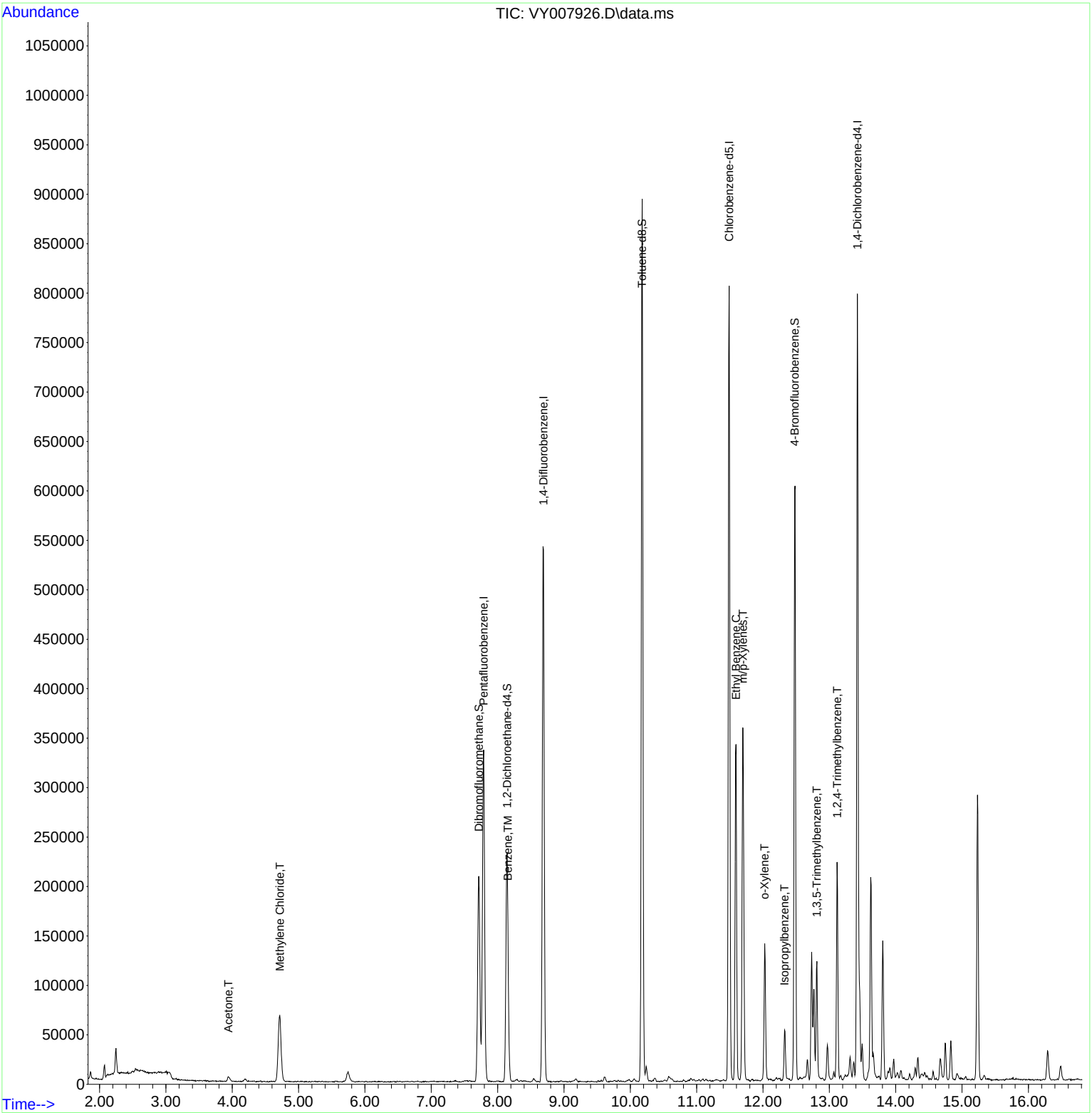
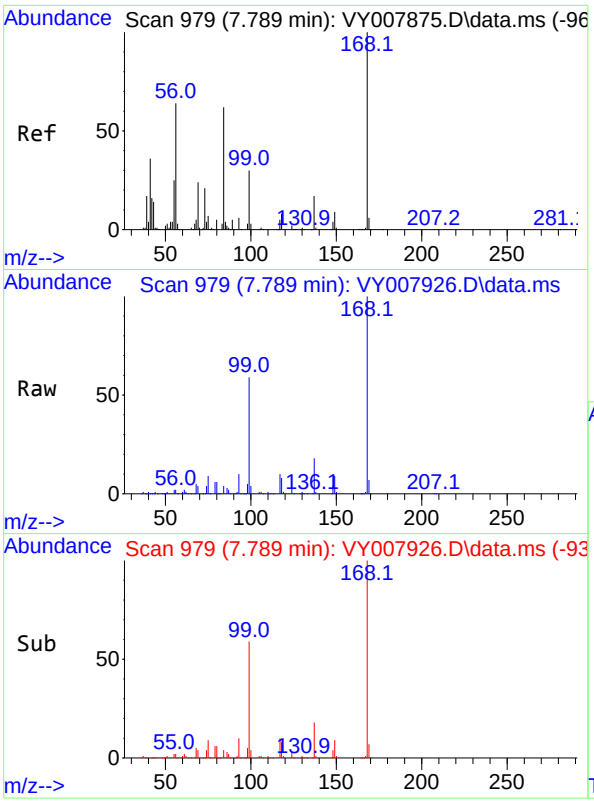


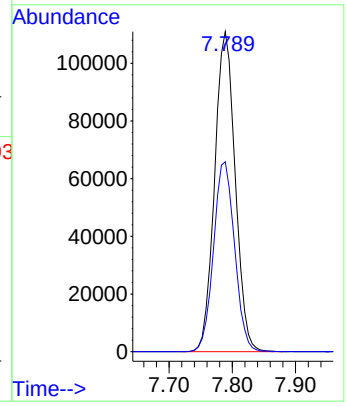


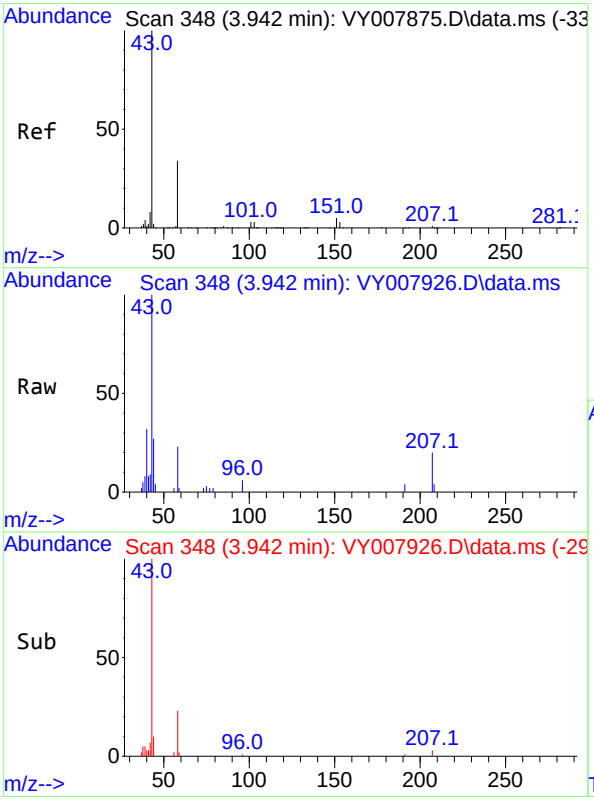
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion:168 Resp: 250706

Ion	Ratio	Lower	Upper
168	100		
99	59.4	46.9	70.3

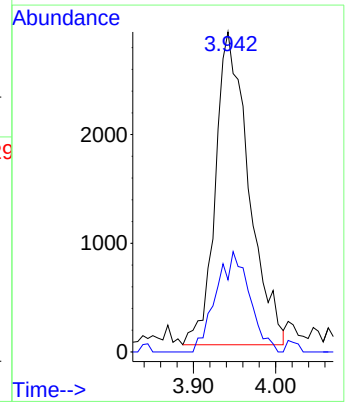


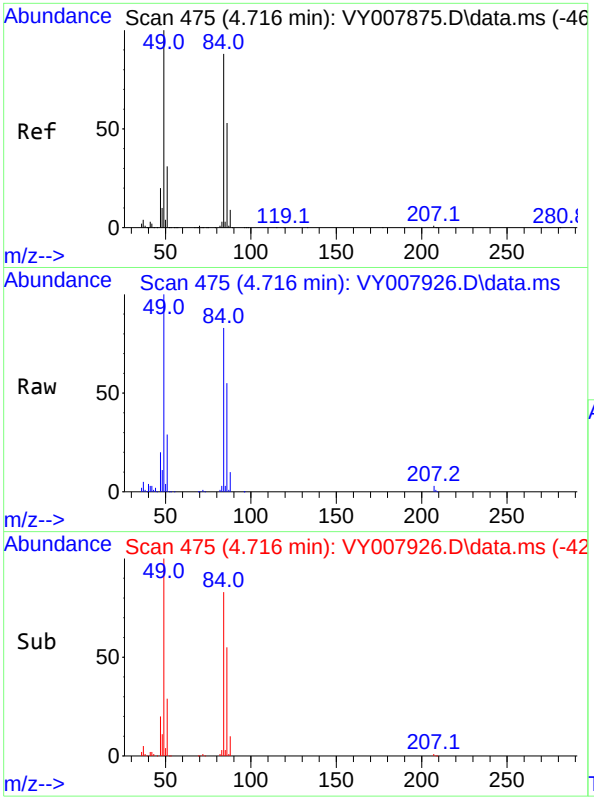


#16
Acetone
Concen: 10.708 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion: 43 Resp: 8120

Ion	Ratio	Lower	Upper
43	100		
58	23.1	22.0	33.0



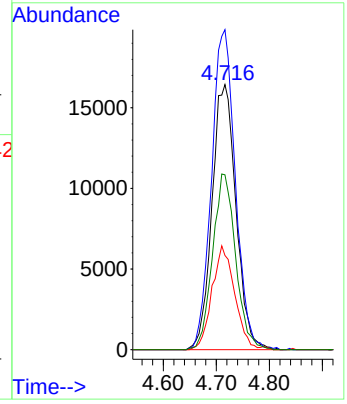


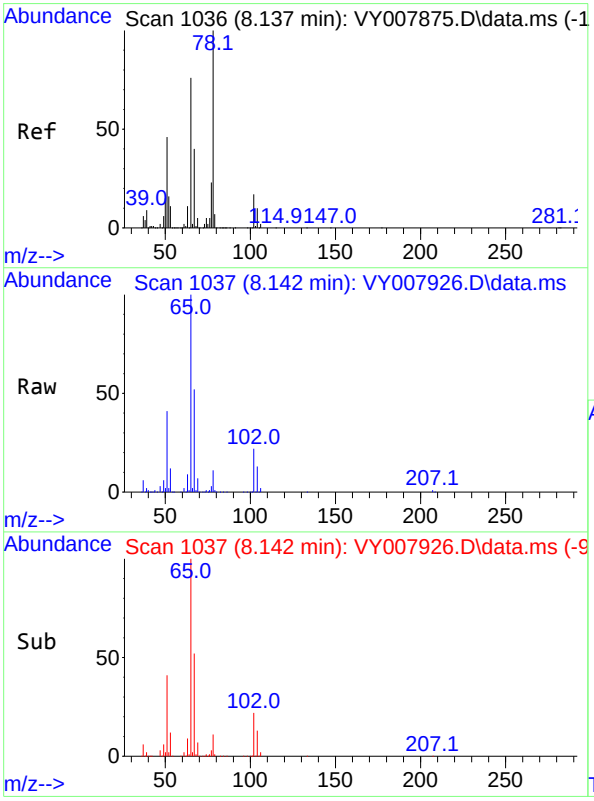
#20
Methylene Chloride
Concen: 14.305 ug/l
RT: 4.716 min Scan# 4
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion: 84 Resp: 51786

Ion	Ratio	Lower	Upper
84	100		
49	120.7	114.4	171.6
51	35.6	35.3	52.9
86	66.0	53.7	80.5

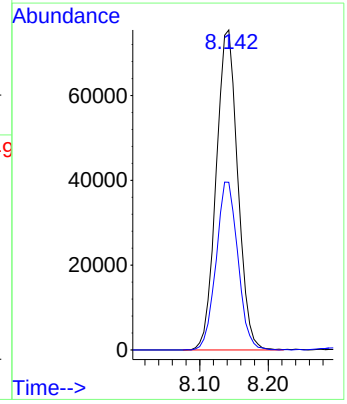


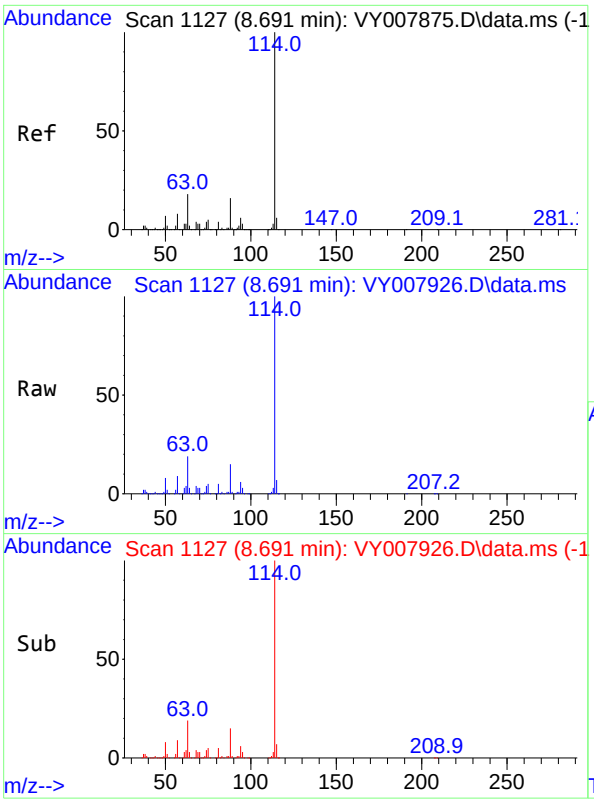


#33
1,2-Dichloroethane-d4
Concen: 57.728 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion: 65 Resp: 165017

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	99.4



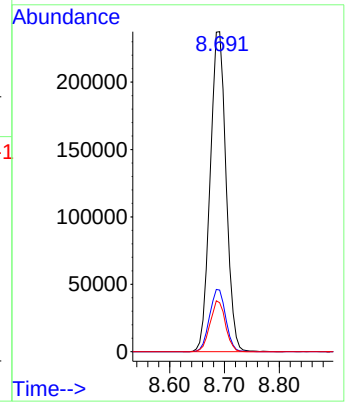


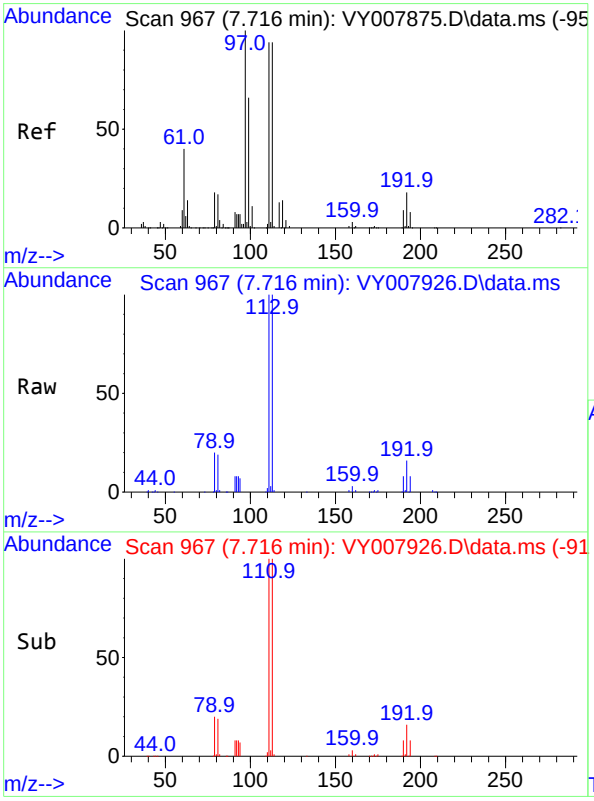
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion:114 Resp: 475639

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	43.2
88	15.3	0.0	31.8

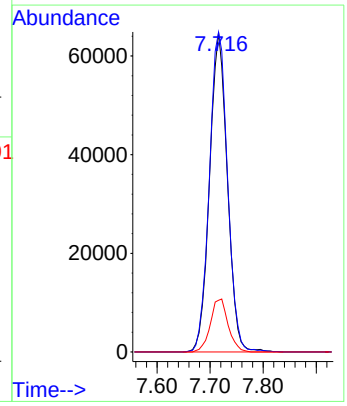


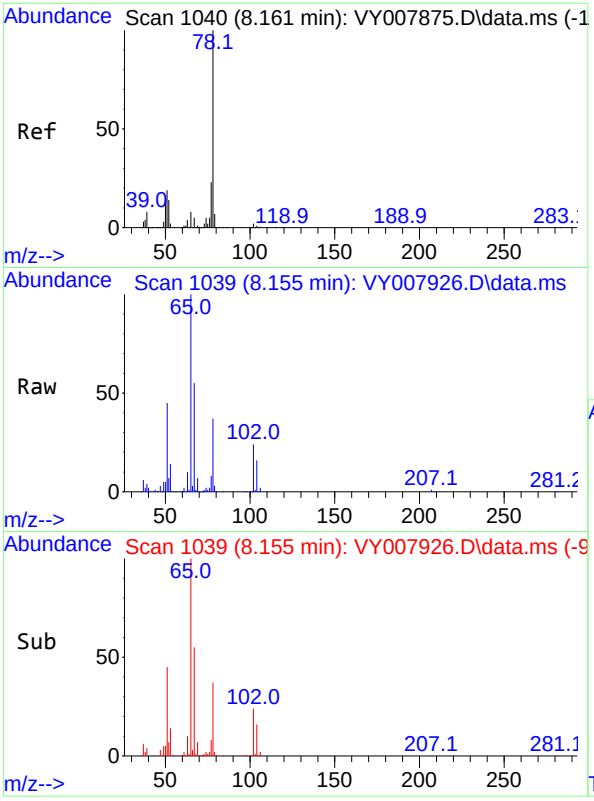


#35
Dibromofluoromethane
Concen: 45.072 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion:113 Resp: 150559

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	16.6	17.6	26.4#



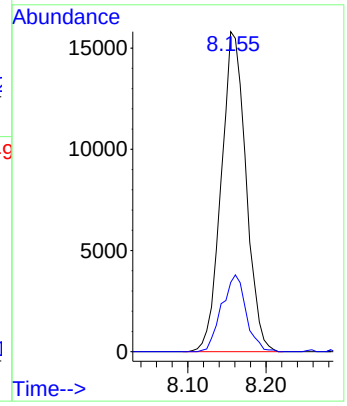


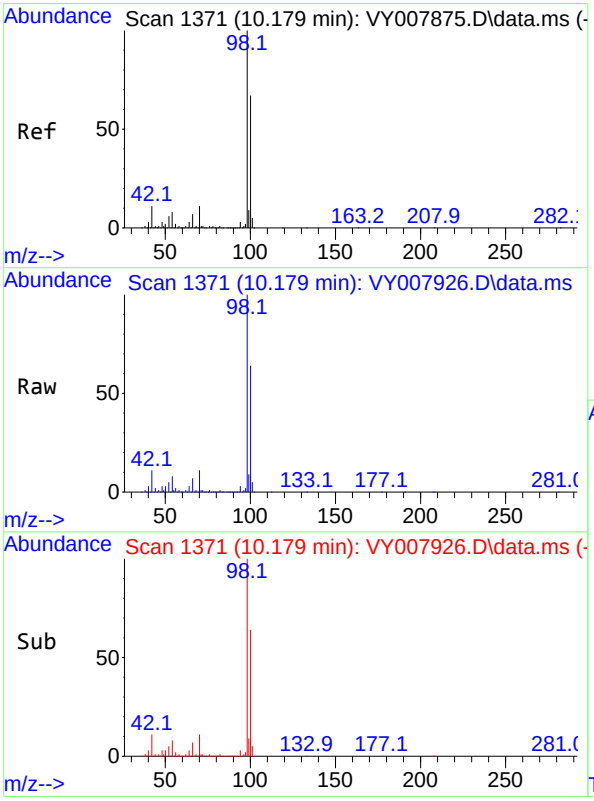
#40
Benzene
Concen: 2.393 ug/l
RT: 8.155 min Scan# 1(
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion: 78 Resp: 34639

Ion	Ratio	Lower	Upper
78	100		
77	21.6	20.4	30.6

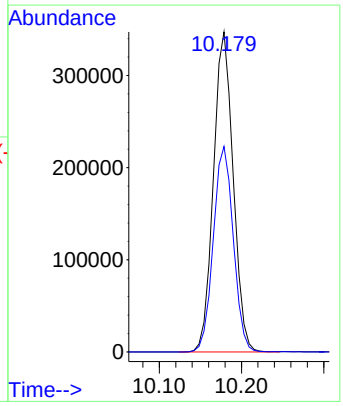


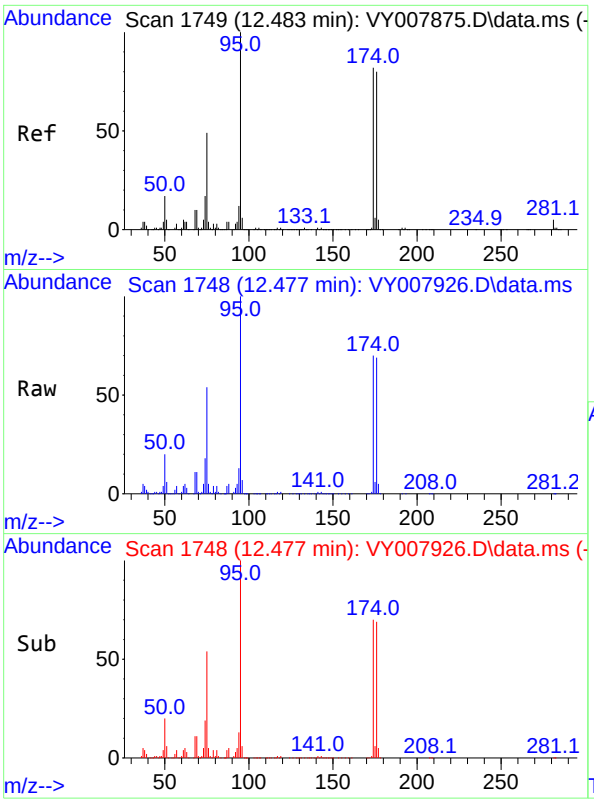


#50
Toluene-d8
Concen: 58.353 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion: 98 Resp: 578663

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.2	75.2



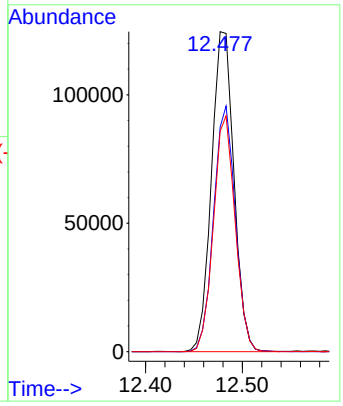


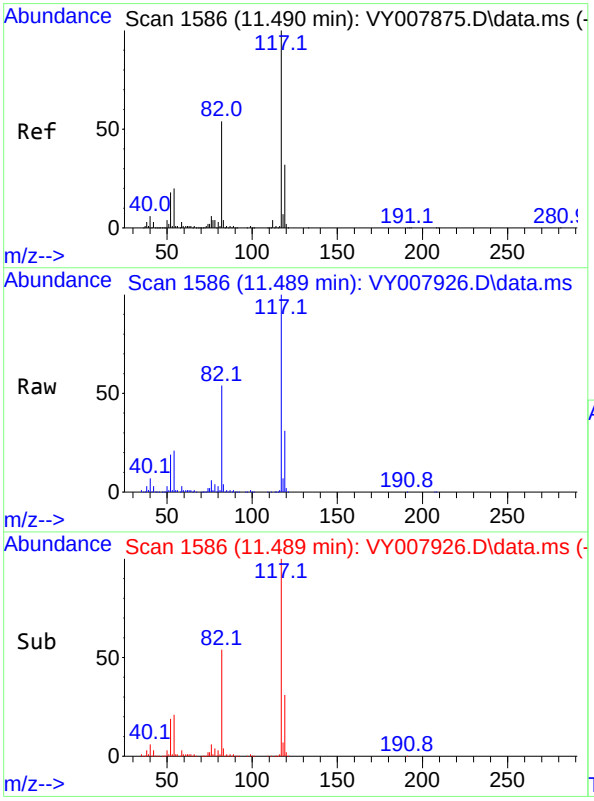
#62
4-Bromofluorobenzene
Concen: 42.013 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion: 95 Resp: 201413

Ion	Ratio	Lower	Upper
95	100		
174	74.0	0.0	177.0
176	70.9	0.0	175.8

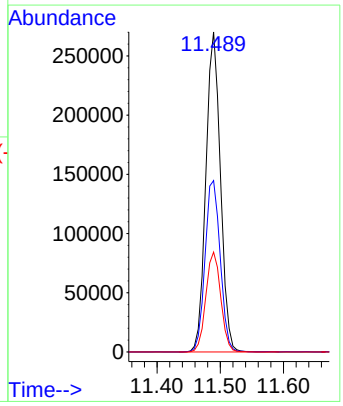


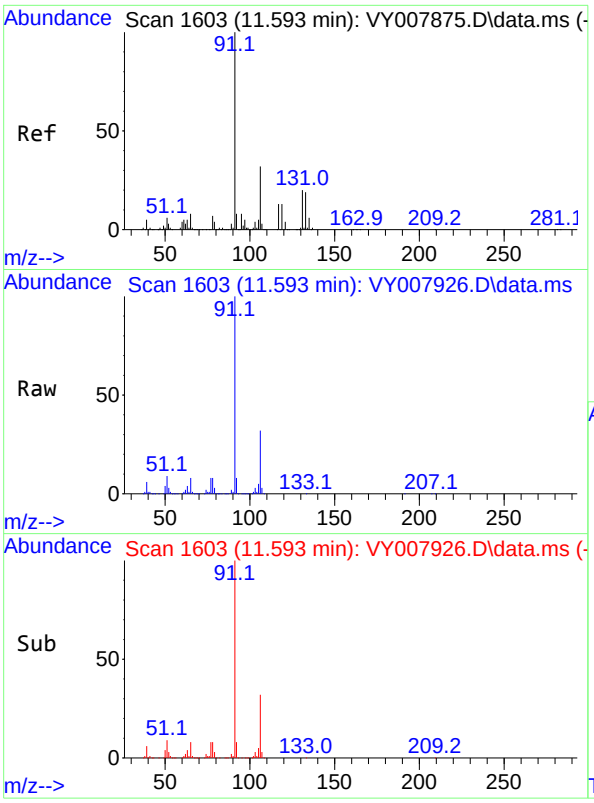


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion:117 Resp: 432435

Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	31.2	25.4	38.0



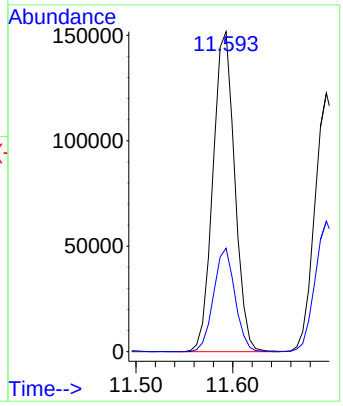


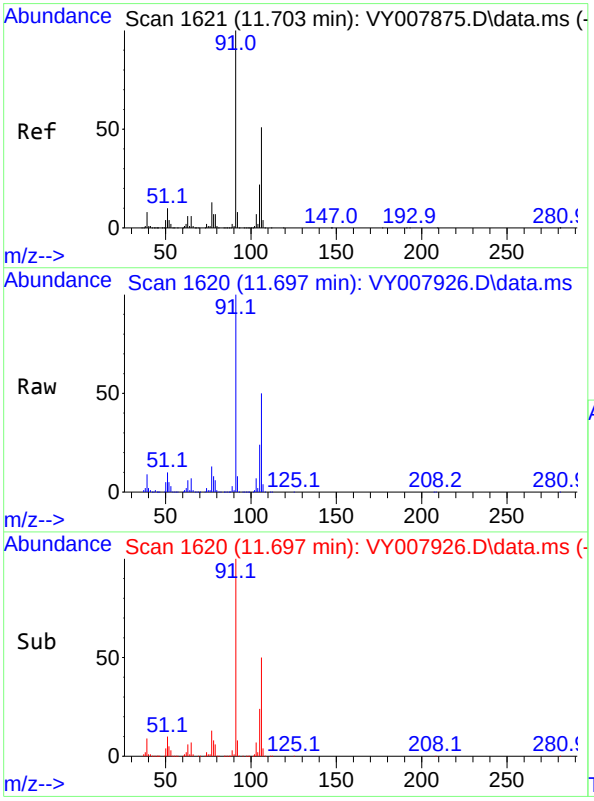
#67
Ethyl Benzene
Concen: 12.857 ug/l
RT: 11.593 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion: 91 Resp: 237248

Ion	Ratio	Lower	Upper
91	100		
106	32.4	24.5	36.7

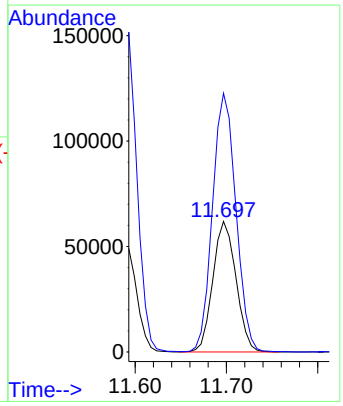


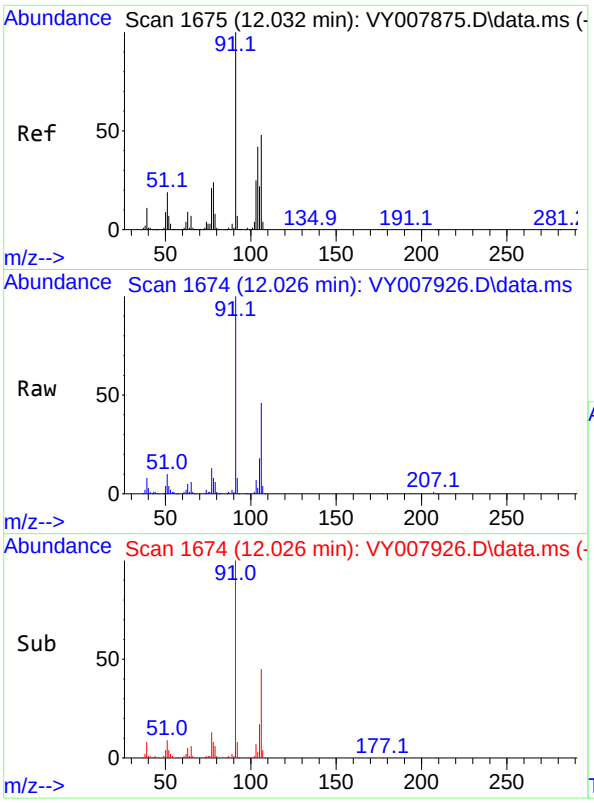


#68
m/p-Xylenes
Concen: 15.133 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion:106 Resp: 108926

Ion	Ratio	Lower	Upper
106	100		
91	200.5	166.6	249.8



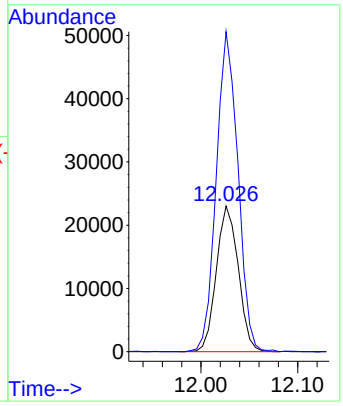


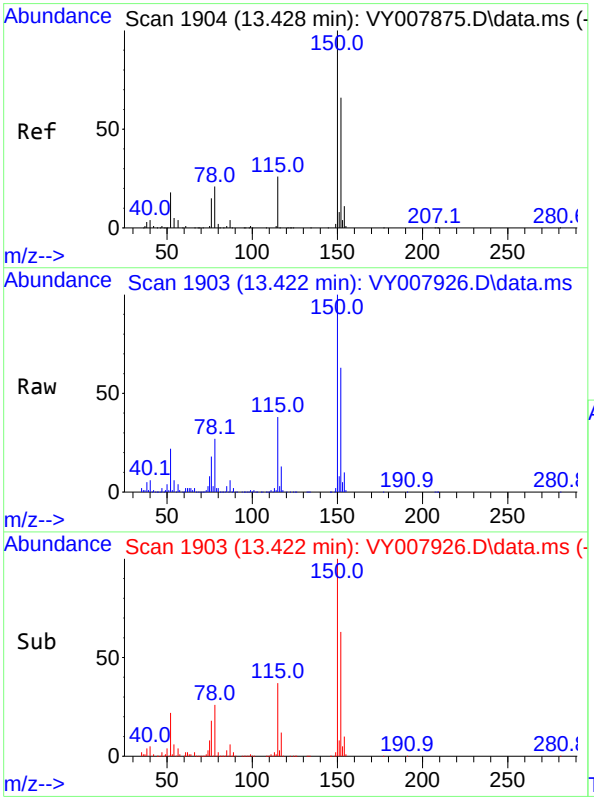
#69
o-Xylene
Concen: 5.203 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion:106 Resp: 36225

Ion	Ratio	Lower	Upper
106	100		
91	216.7	110.3	331.0

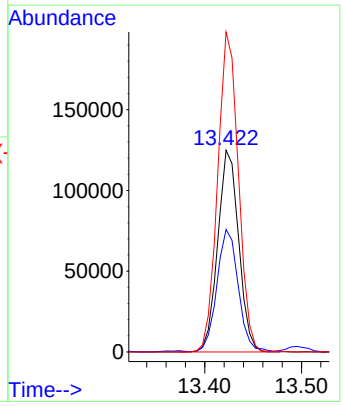


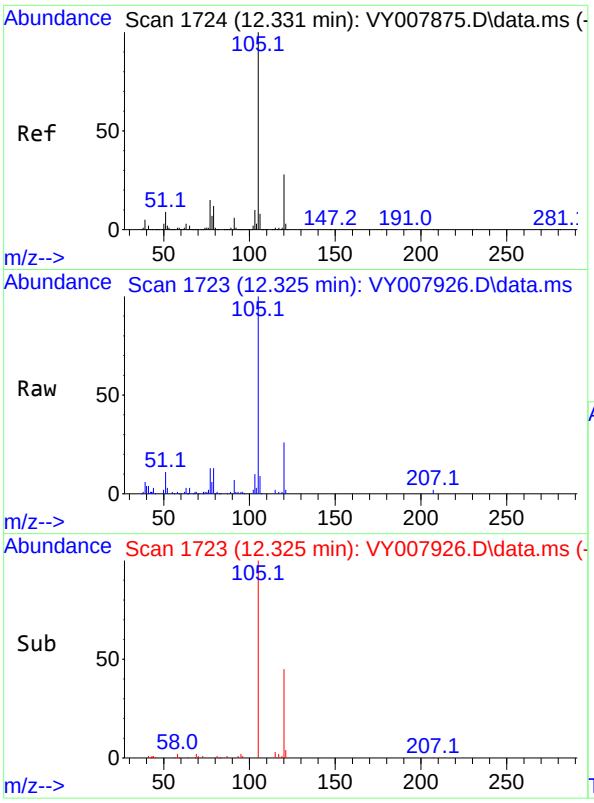


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion:152 Resp: 187415

Ion	Ratio	Lower	Upper
152	100		
115	61.5	28.2	84.7
150	157.1	0.0	347.6



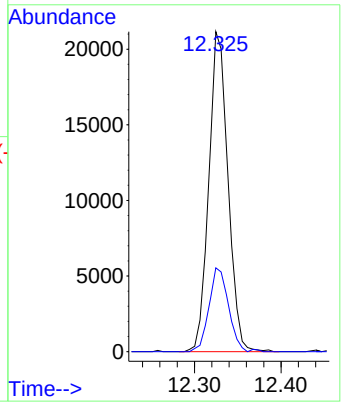


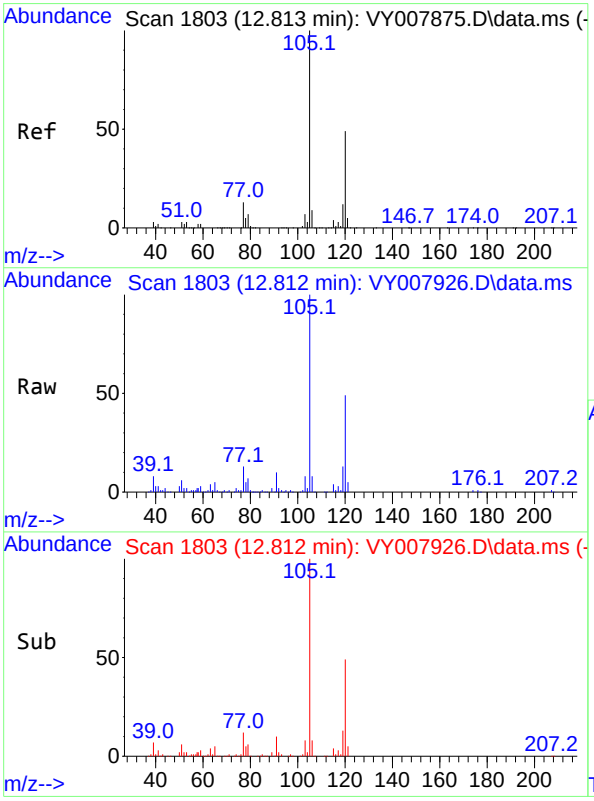
#73
Isopropylbenzene
Concen: 1.971 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion:105 Resp: 32515

Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.4	40.2

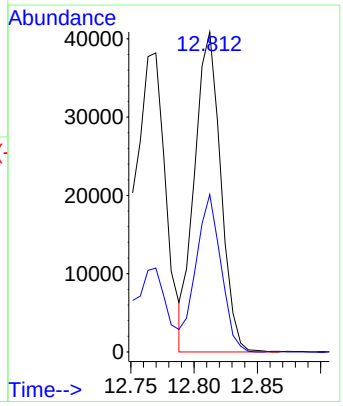


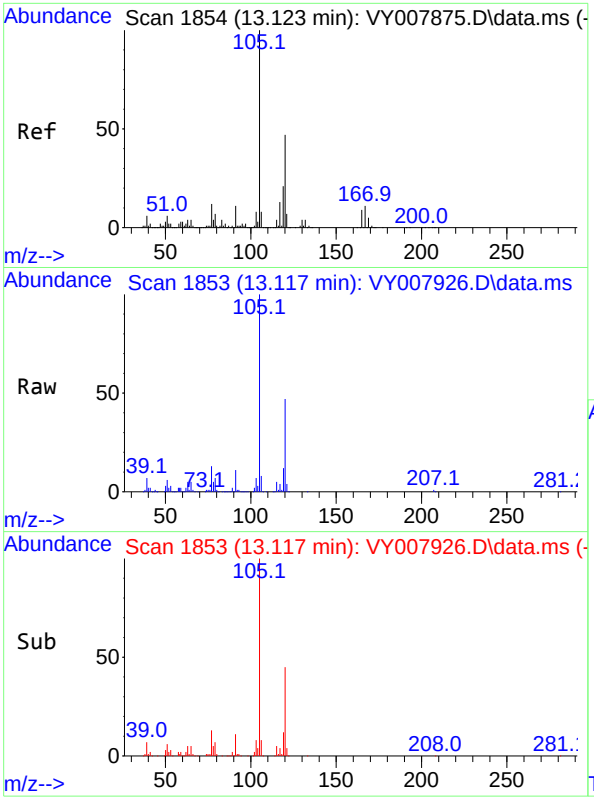


#80
1,3,5-Trimethylbenzene
Concen: 4.334 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Tgt Ion:105 Resp: 58797

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.4	73.4





#84
1,2,4-Trimethylbenzene
Concen: 8.529 ug/l
RT: 13.117 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007926.D
Acq: 19 Mar 2022 02:02

Instrument :
MSVOA_Y
ClientSampleId :
C-6-5-6

Tgt Ion:105 Resp: 113427

Ion	Ratio	Lower	Upper
105	100		
120	46.2	22.3	66.9