Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021122\
Data File : VY007479.D
Acq On : 11 Feb 2022 15:03
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Quant Time: Feb 12 02:54:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
Quant Title : SW846 8260
QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	115834	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	202511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71792	53.883	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.760%			
35) Dibromofluoromethane	7.722	113	66362	50.622	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.240%			
50) Toluene-d8	10.179	98	249035	51.419	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.483	95	95337	57.915	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.820%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.179	83	17354	6.030	ug/l	94
67) Ethyl Benzene	11.593	91	272698	31.899	ug/l	99
68) m/p-Xylenes	11.697	106	9264	2.926	ug/l	94
69) o-Xylene	12.026	106	3963	1.324	ug/l	100
73) Isopropylbenzene	12.325	105	24255	2.928	ug/l	99
78) n-propylbenzene	12.672	91	125623	12.519	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	63942	9.461	ug/l	95
85) sec-Butylbenzene	13.252	105	14972	1.697	ug/l #	59
86) p-Isopropyltoluene	13.367	119	8148	1.133	ug/l	99
89) n-Butylbenzene	13.697	91	45951m	6.641	ug/l	
95) Naphthalene	15.233	128	301737	82.326	ug/l	99

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

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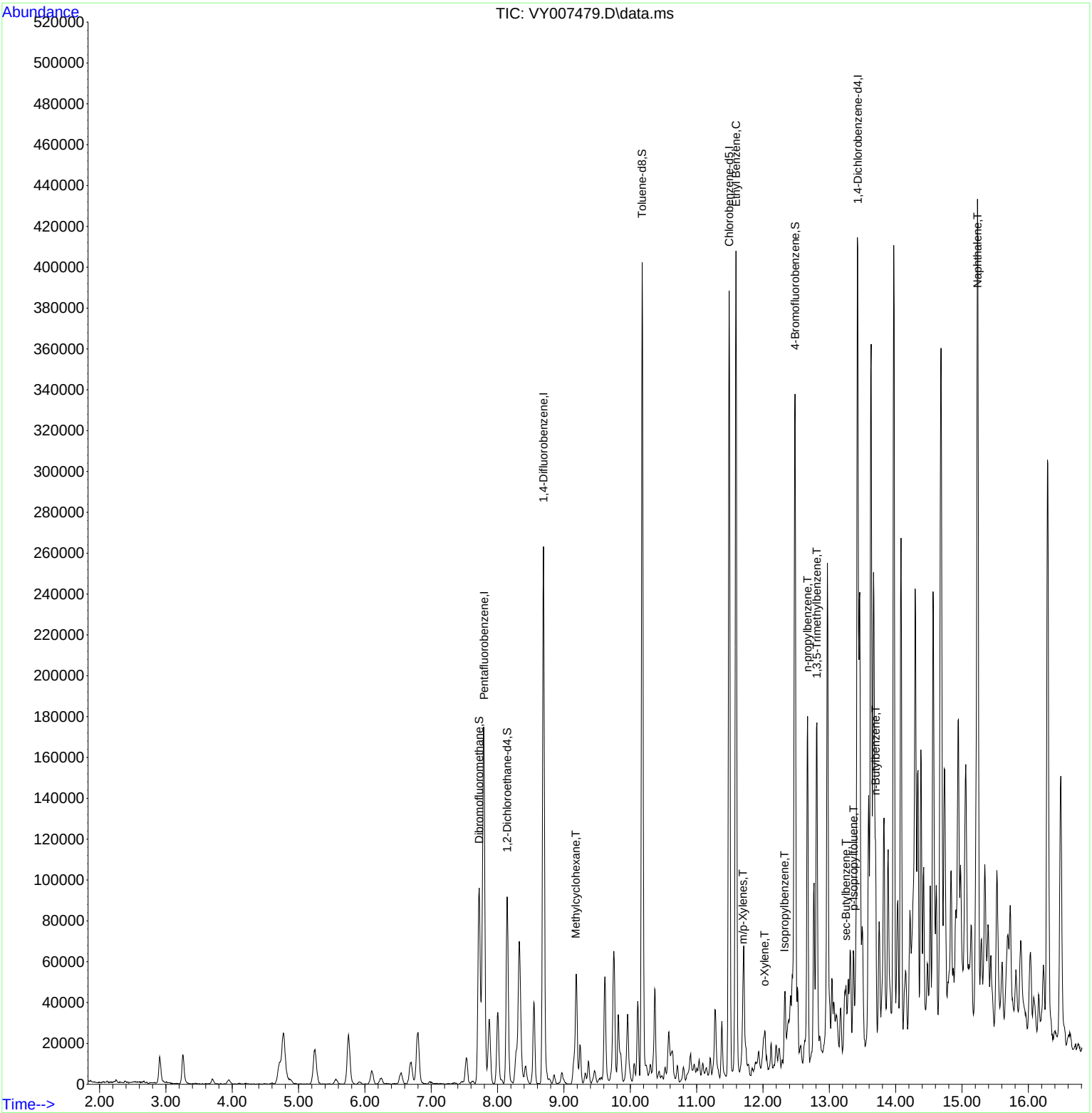
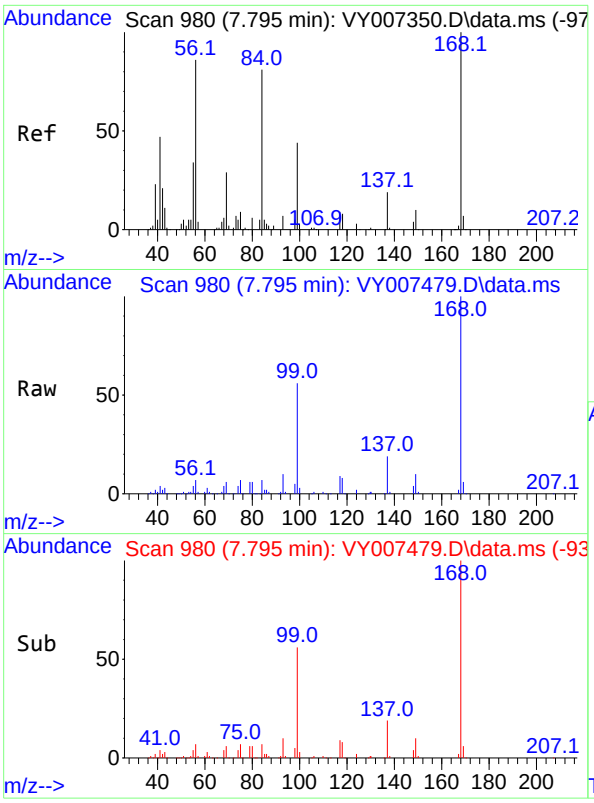


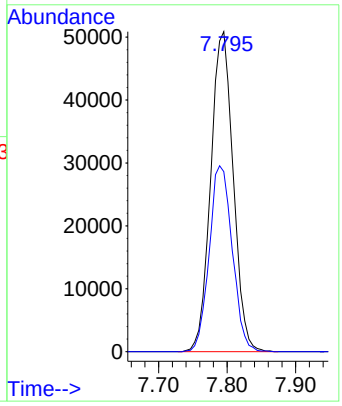


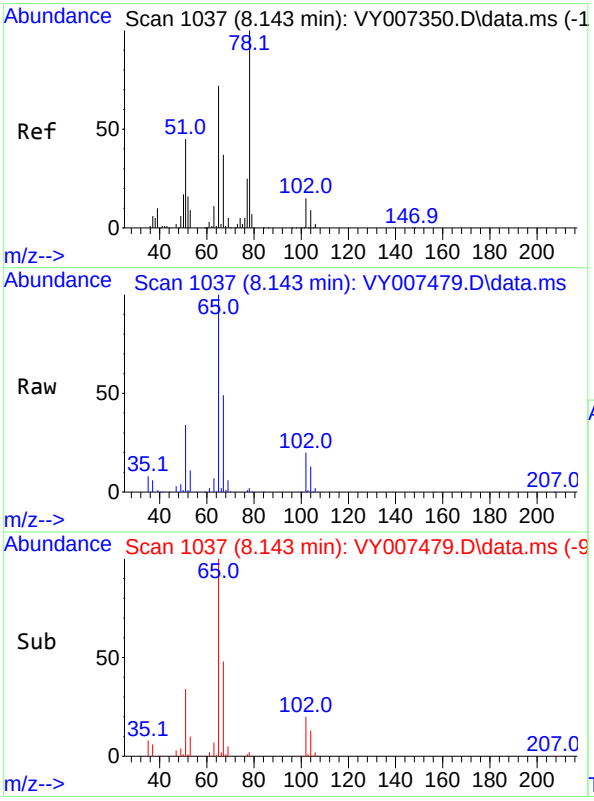
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 115834

Ion	Ratio	Lower	Upper
168	100		
99	56.3	46.9	70.3

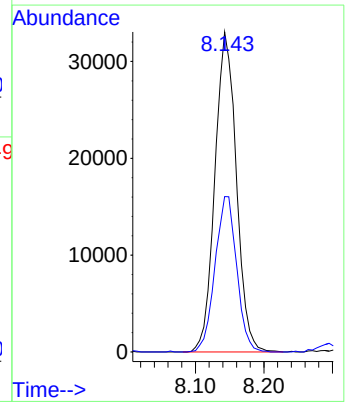


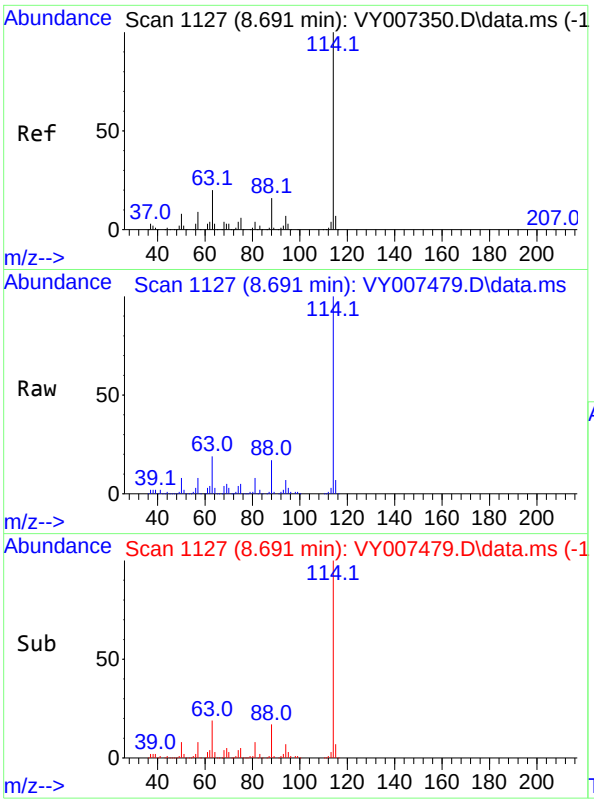


#33
1,2-Dichloroethane-d4
Concen: 53.883 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion: 65 Resp: 71792

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.4



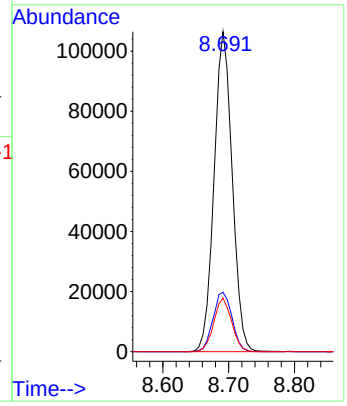


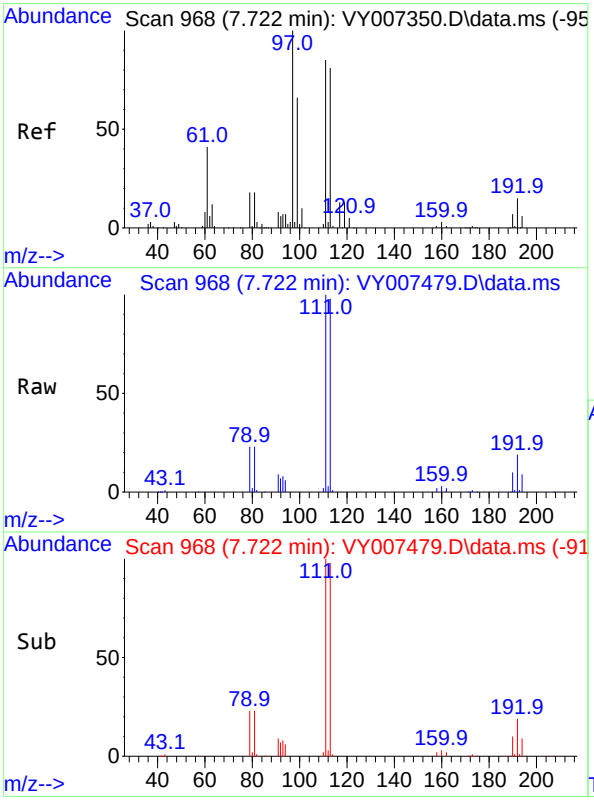
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:114 Resp: 204150

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	16.8	0.0	31.8

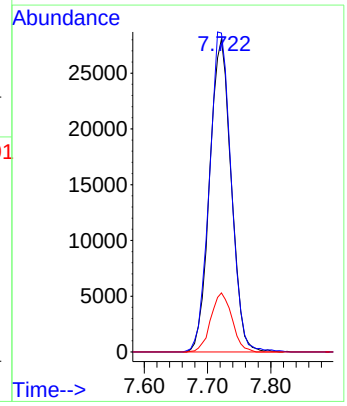


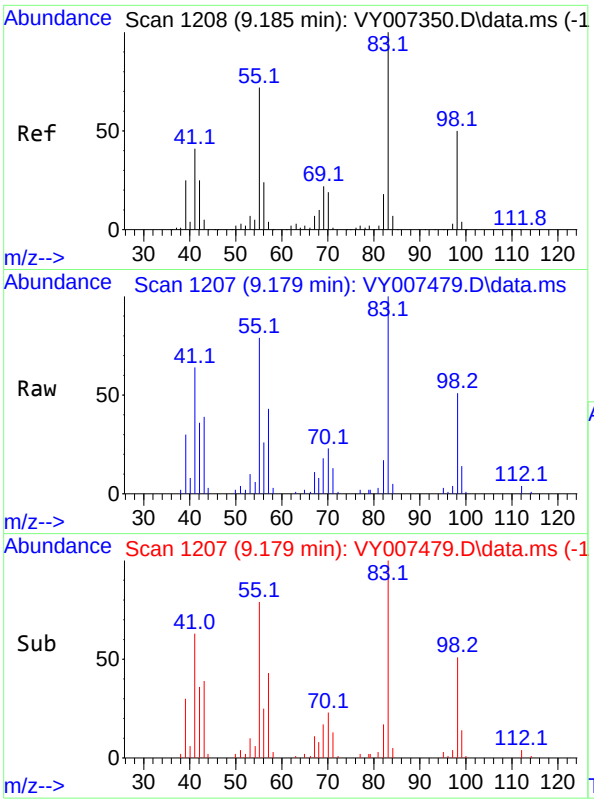


#35
Dibromofluoromethane
Concen: 50.622 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion:113 Resp: 66362

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	18.6	17.6	26.4



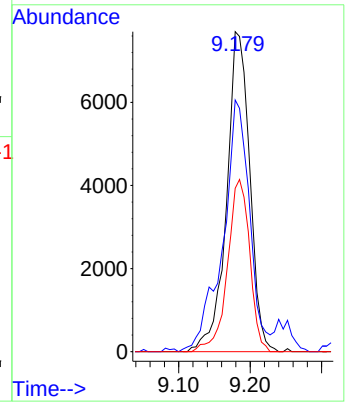


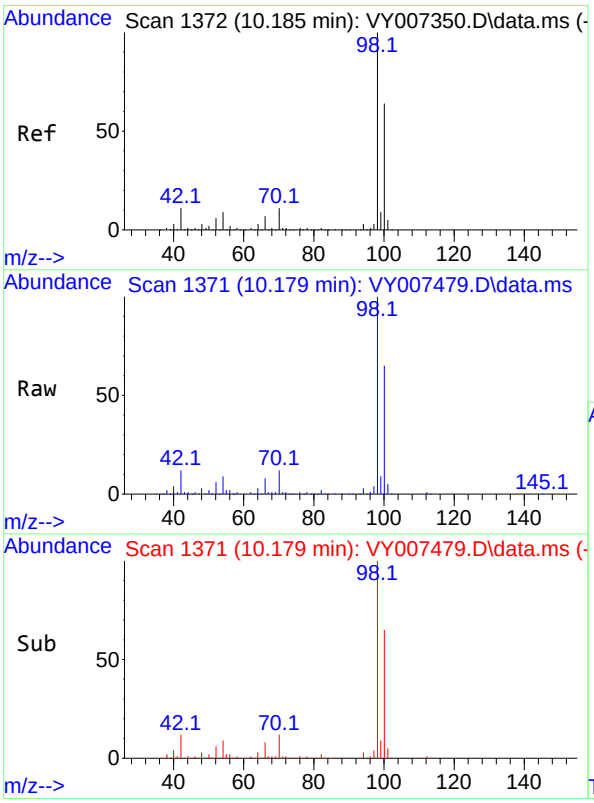
#39
Methylcyclohexane
Concen: 6.030 ug/l
RT: 9.179 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 83 Resp: 17354

Ion	Ratio	Lower	Upper
83	100		
55	77.9	66.5	99.7
98	51.1	37.9	56.9

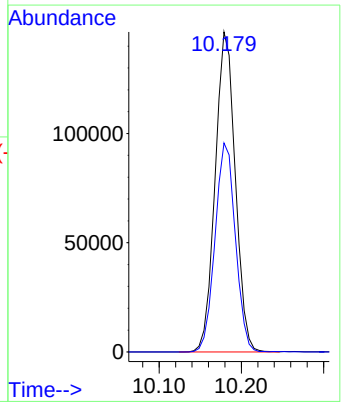


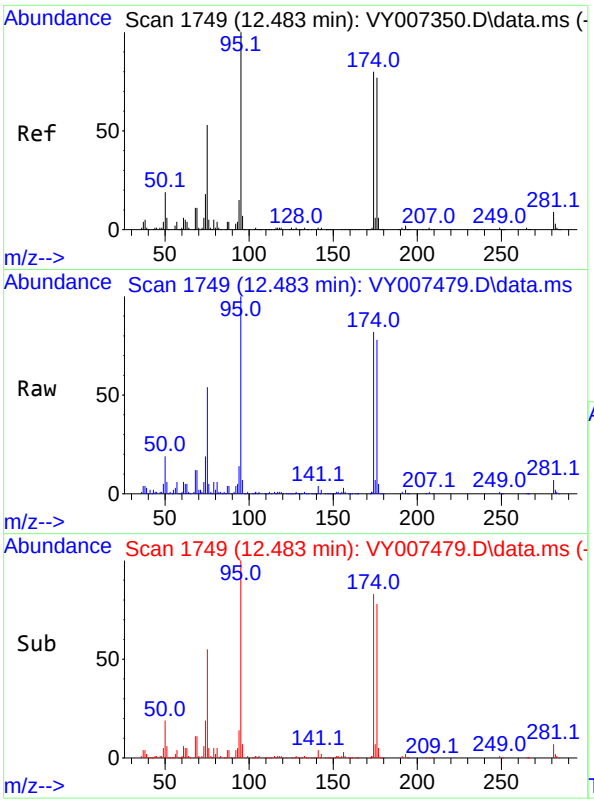


#50
Toluene-d8
Concen: 51.419 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion: 98 Resp: 249035

Ion	Ratio	Lower	Upper
98	100		
100	65.9	50.2	75.2



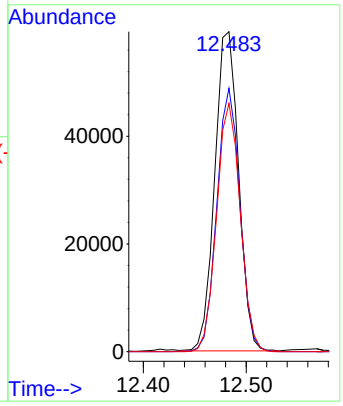


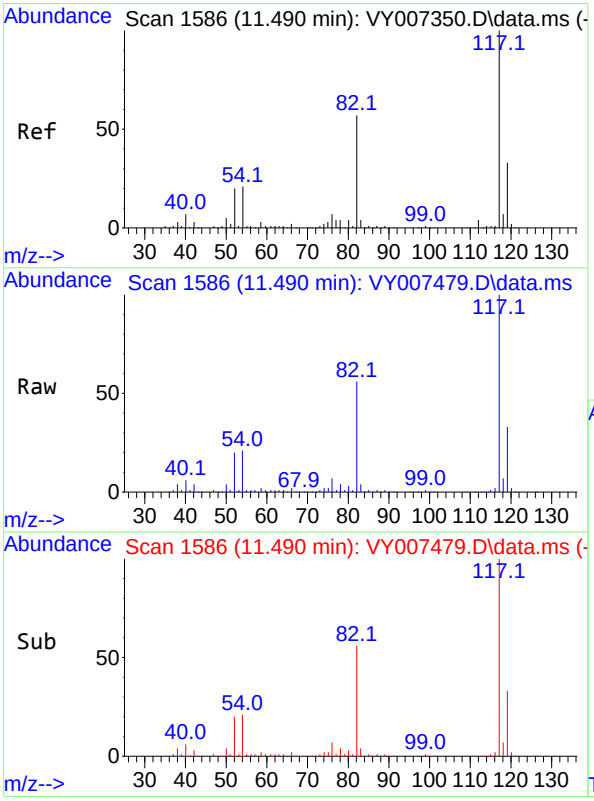
#62
4-Bromofluorobenzene
Concen: 57.915 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 95337

Ion	Ratio	Lower	Upper
95	100		
174	80.0	0.0	177.0
176	77.0	0.0	175.8

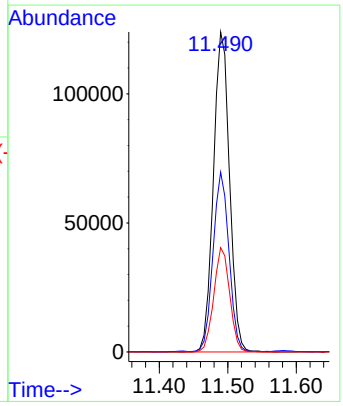


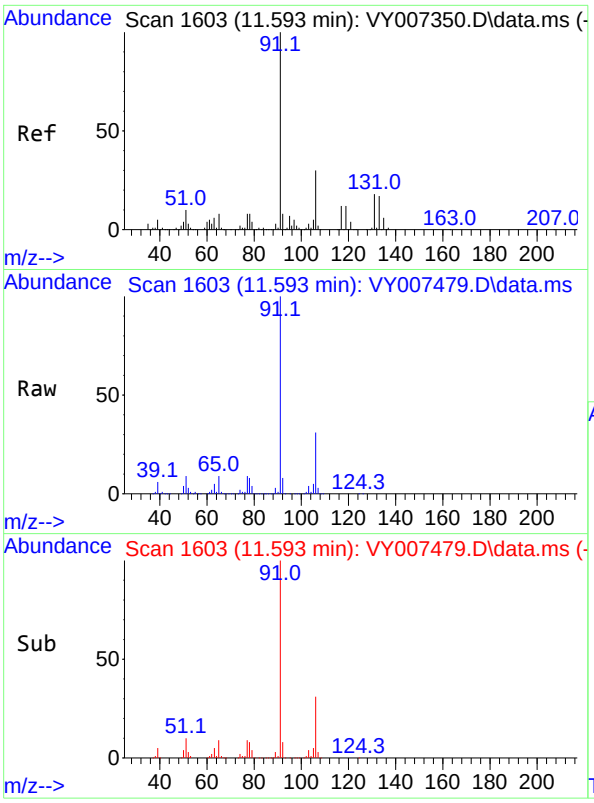


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion:117 Resp: 202511

Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.0	64.4
119	32.6	25.4	38.0



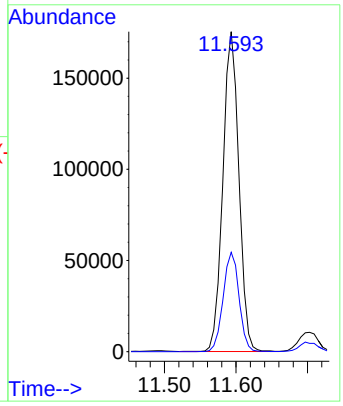


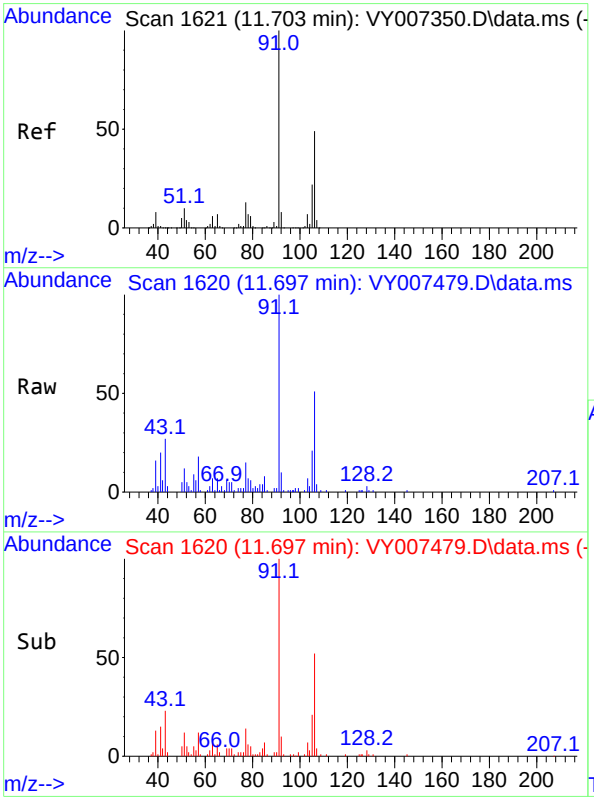
#67
Ethyl Benzene
Concen: 31.899 ug/l
RT: 11.593 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion: 91 Resp: 272698

Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.5	36.7

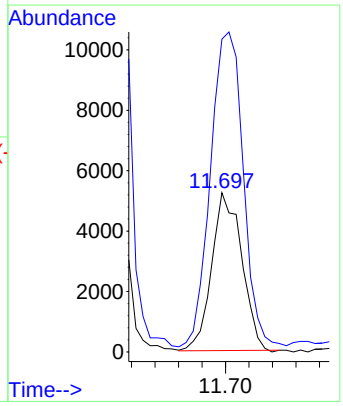


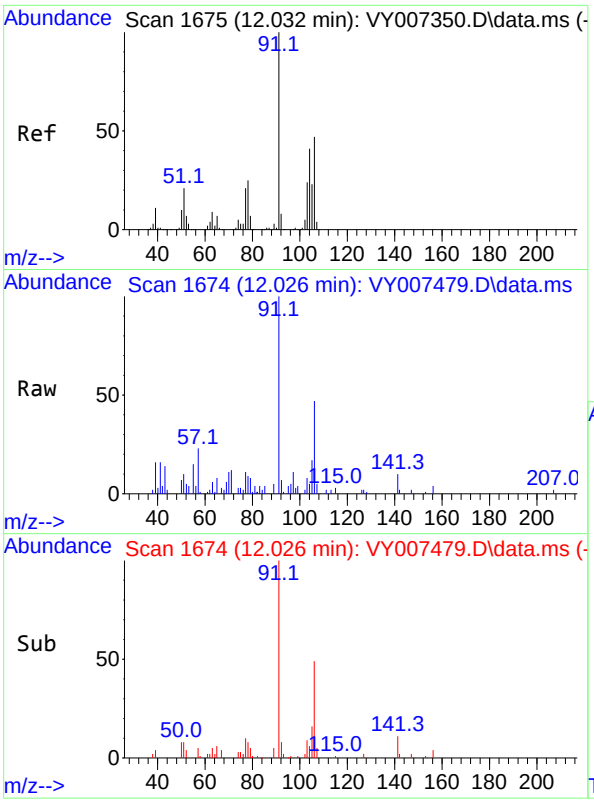


#68
m/p-Xylenes
Concen: 2.926 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion:106 Resp: 9264

Ion	Ratio	Lower	Upper
106	100		
91	217.5	166.6	249.8



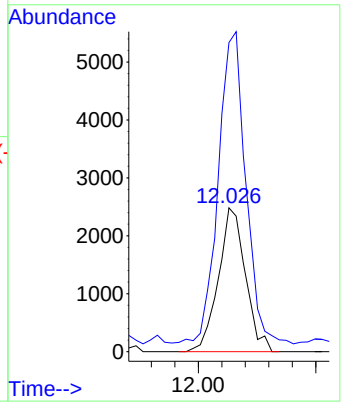


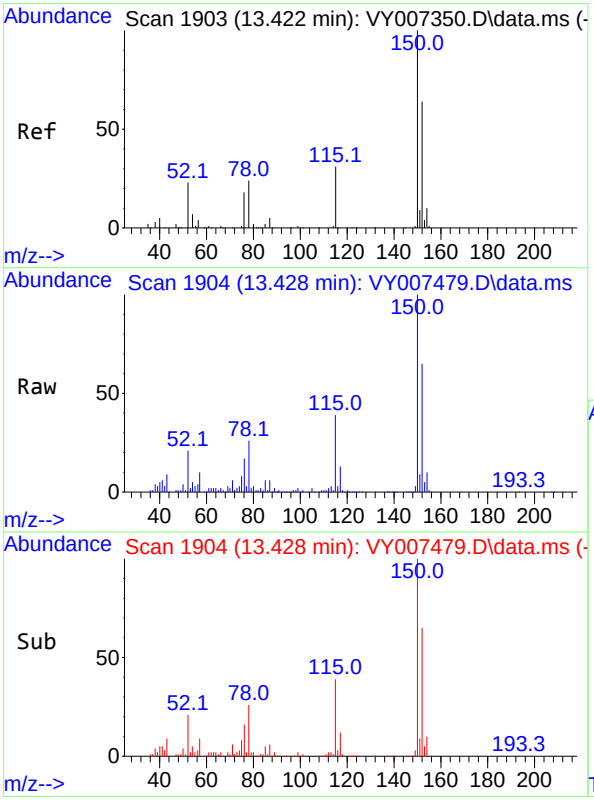
#69
o-Xylene
Concen: 1.324 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:106 Resp: 3963

Ion	Ratio	Lower	Upper
106	100		
91	220.5	110.3	331.0

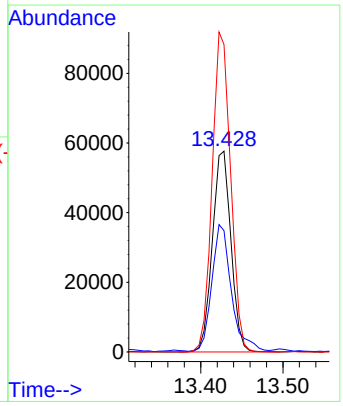


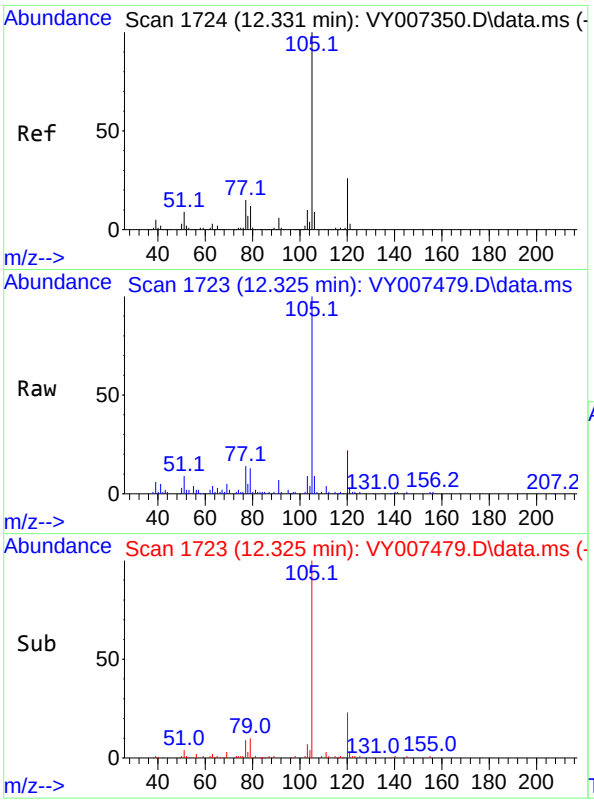


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion:152 Resp: 90648

Ion	Ratio	Lower	Upper
152	100		
115	66.3	28.2	84.7
150	157.6	0.0	347.6



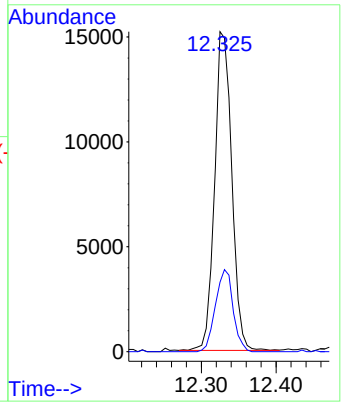


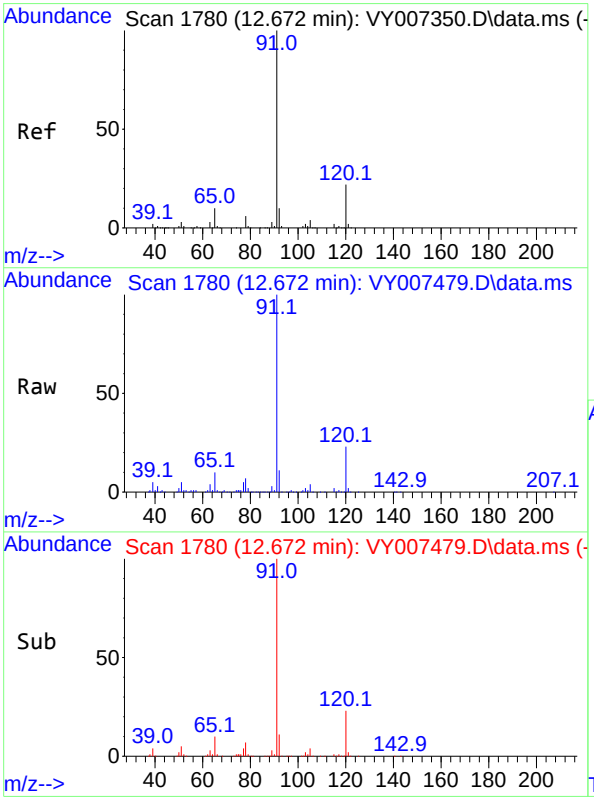
#73
Isopropylbenzene
Concen: 2.928 ug/l
RT: 12.325 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 24255

Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.4	40.2

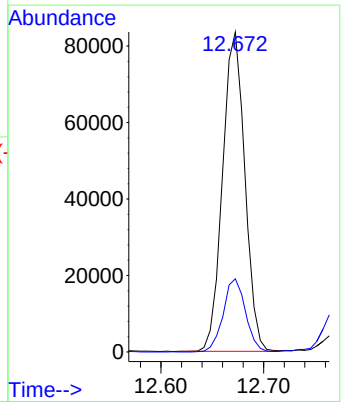


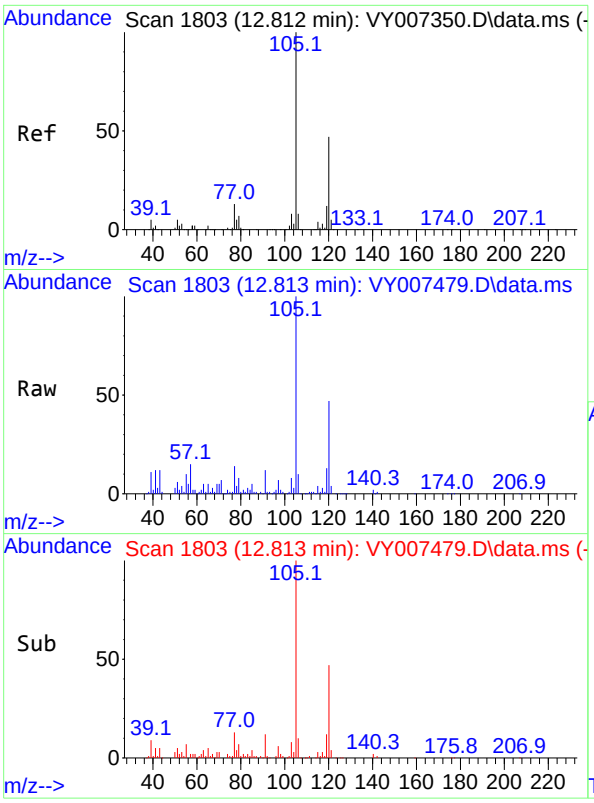


#78
n-propylbenzene
Concen: 12.519 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion: 91 Resp: 125623

Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.3	33.9



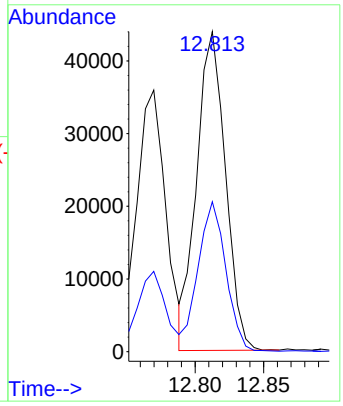


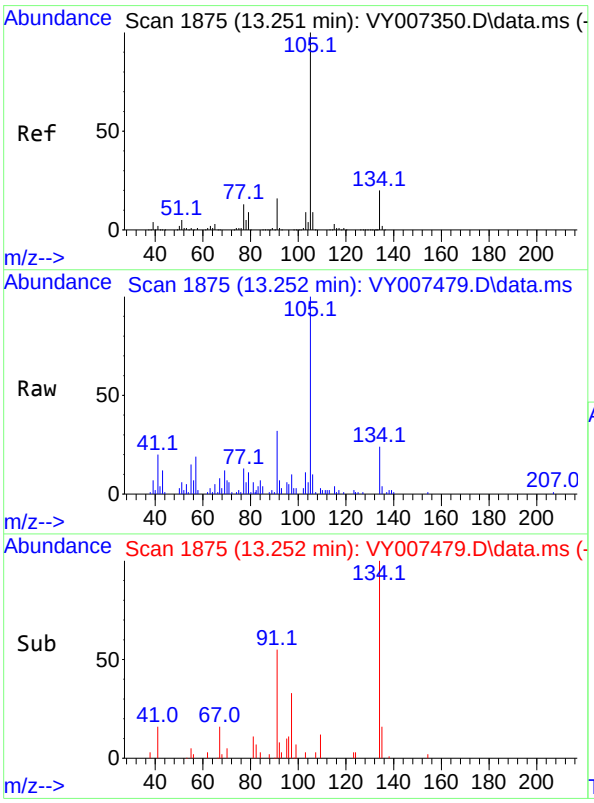
#80
1,3,5-Trimethylbenzene
Concen: 9.461 ug/l
RT: 12.813 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:105 Resp: 63942

Ion	Ratio	Lower	Upper
105	100		
120	45.4	24.4	73.4

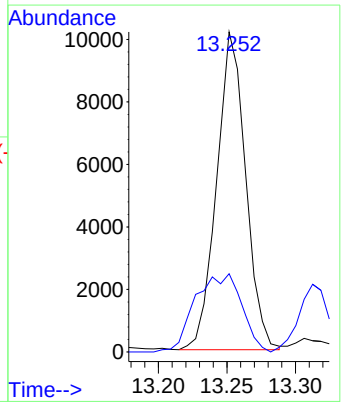


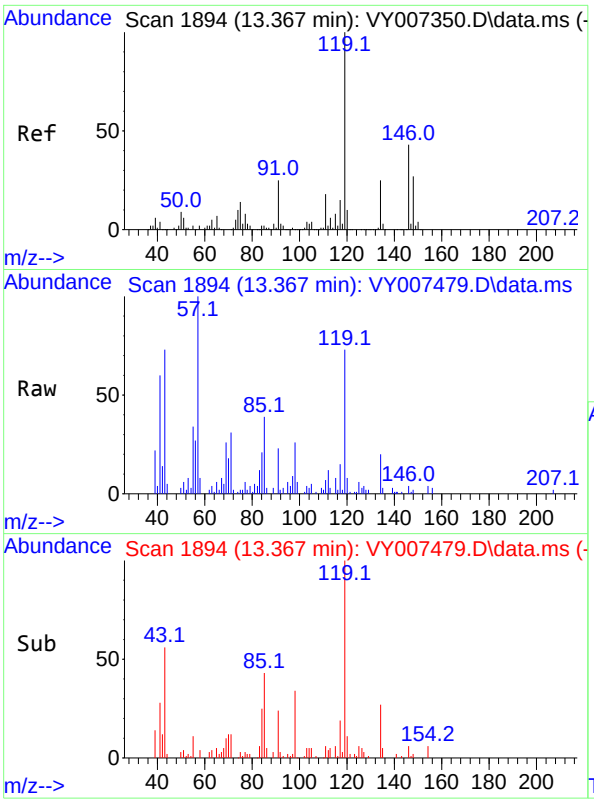


#85
sec-Butylbenzene
Concen: 1.697 ug/l
RT: 13.252 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion:105 Resp: 14972

Ion	Ratio	Lower	Upper
105	100		
134	39.4	10.2	30.4#



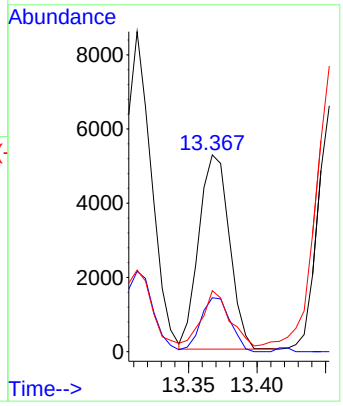


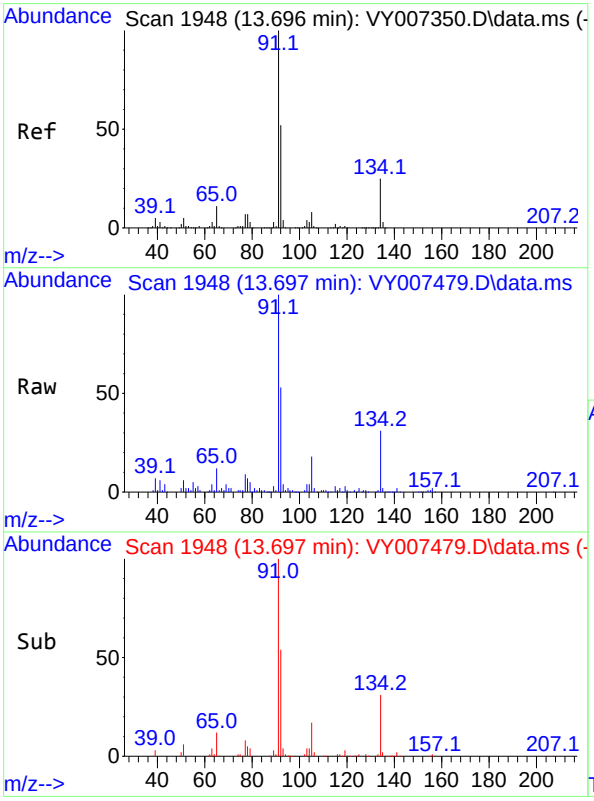
#86
p-Isopropyltoluene
Concen: 1.133 ug/l
RT: 13.367 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:119 Resp: 8148

Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.2	39.5
91	23.9	12.4	37.2

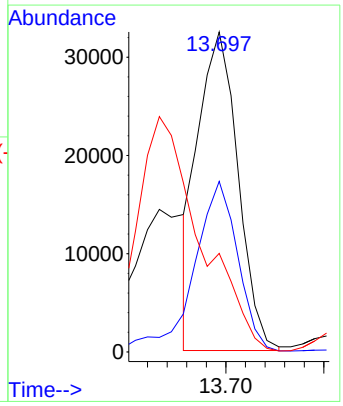


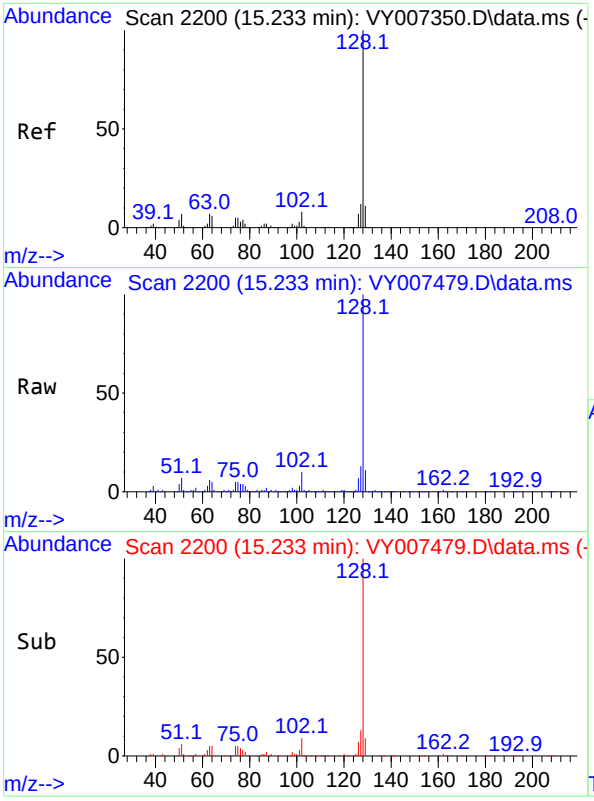


#89
n-Butylbenzene
Concen: 6.641 ug/l m
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Tgt Ion: 91 Resp: 45951

Ion	Ratio	Lower	Upper
91	100		
92	58.2	26.3	78.9
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 82.326 ug/l
RT: 15.233 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY007479.D
Acq: 11 Feb 2022 15:03

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 301737

Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.0	16.4
129	11.1	8.4	12.6