Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081221\
Data File : VY005613.D
Acq On : 12 Aug 2021 11:37
Operator : SY/MD
Sample : M3346-01RE
Misc : 5.07G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : LPA-1RE

Quant Time: Aug 13 04:20:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	203233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	337664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	333041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	231965	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	114070	55.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.900%			
35) Dibromofluoromethane	7.728	113	98598	52.154	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.300%			
50) Toluene-d8	10.185	98	445875	56.236	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 112.480%			
62) 4-Bromofluorobenzene	12.477	95	238905	90.992	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 181.980%#			
Target Compounds						Qvalue
16) Acetone	3.960	43	11451	22.077	ug/l	94
39) Methylcyclohexane	9.185	83	23813	5.910	ug/l	91
83) tert-Butylbenzene	13.075	119	59283	4.917	ug/l	82
85) sec-Butylbenzene	13.258	105	118908	6.837	ug/l #	55
89) n-Butylbenzene	13.697	91	51874	3.835	ug/l	95

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

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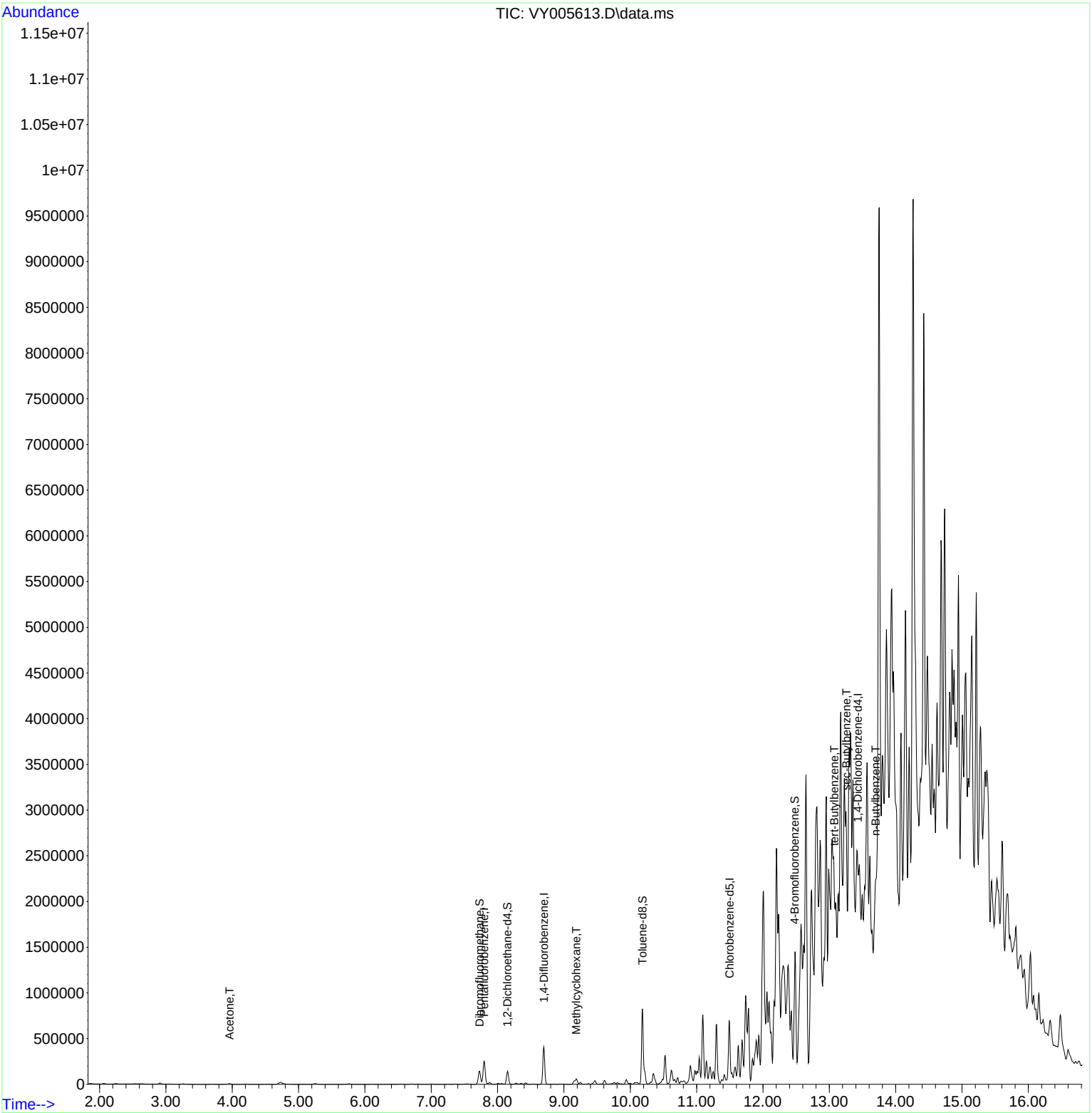

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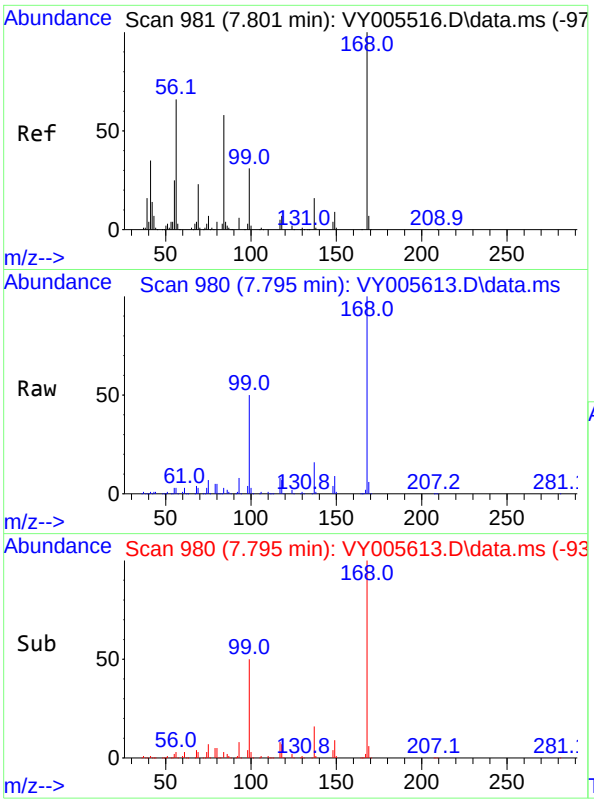
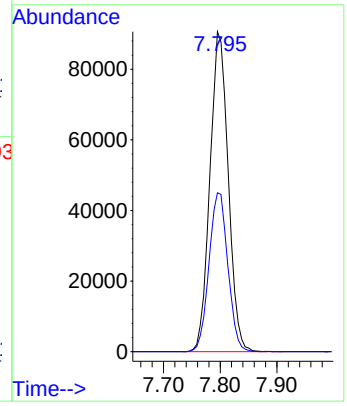
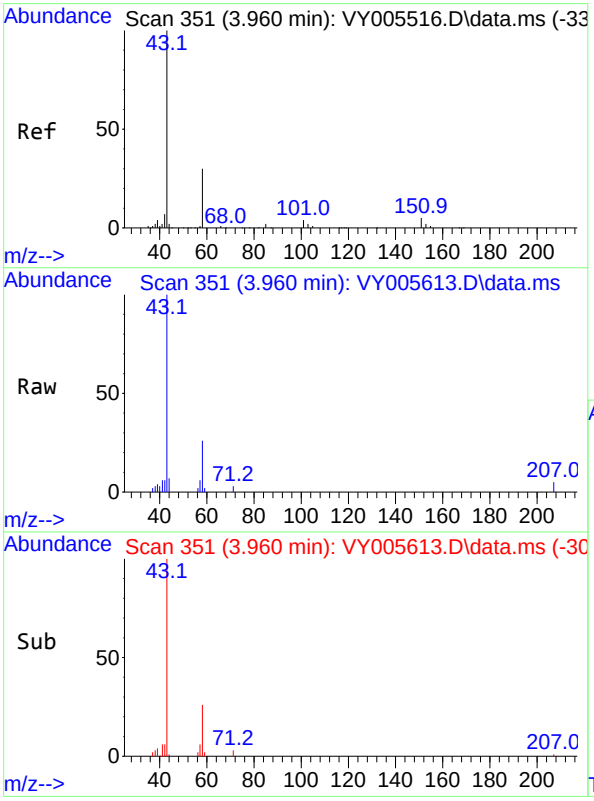


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:168 Resp: 203233

Ion	Ratio	Lower	Upper
168	100		
99	49.7	38.9	58.3

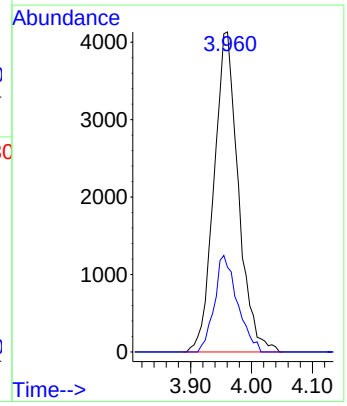


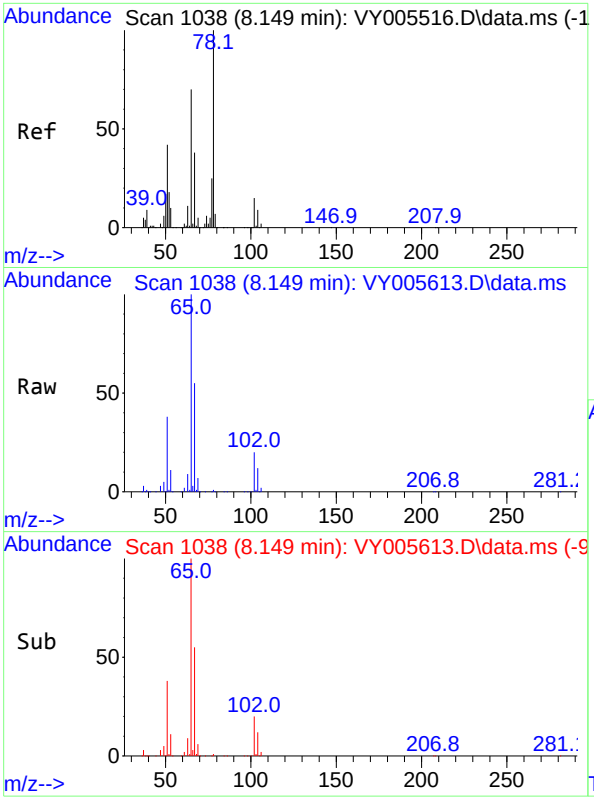


#16
Acetone
Concen: 22.077 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion: 43 Resp: 11451

Ion	Ratio	Lower	Upper
43	100		
58	26.5	23.8	35.6

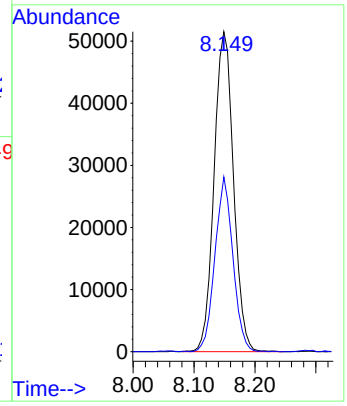




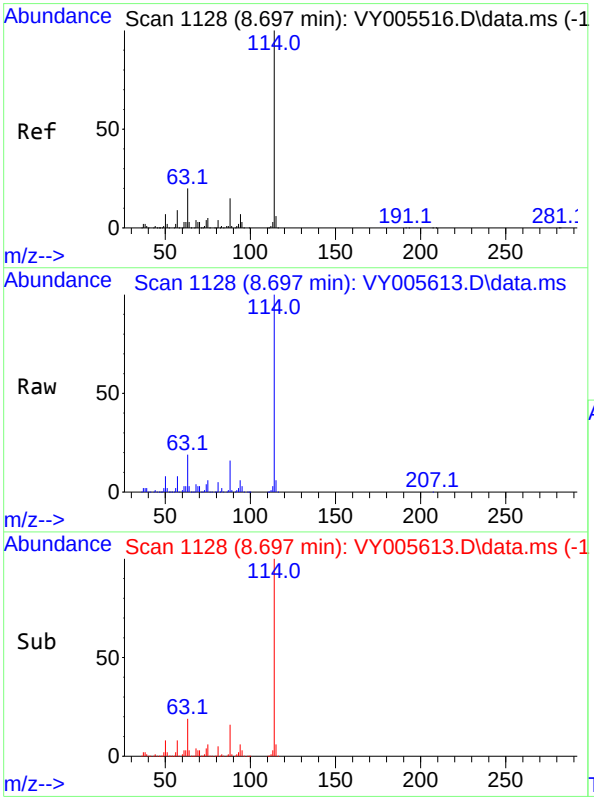
#33
1,2-Dichloroethane-d4
Concen: 55.448 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion: 65 Resp: 114070

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.4



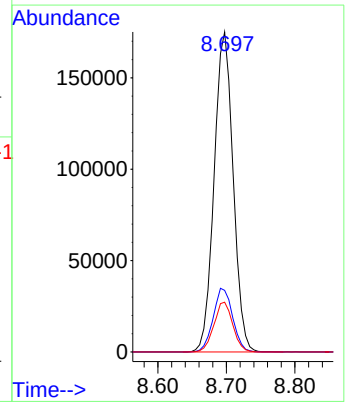
Instrument :
MSVOA_Y
ClientSampleId :
LPA-1RE



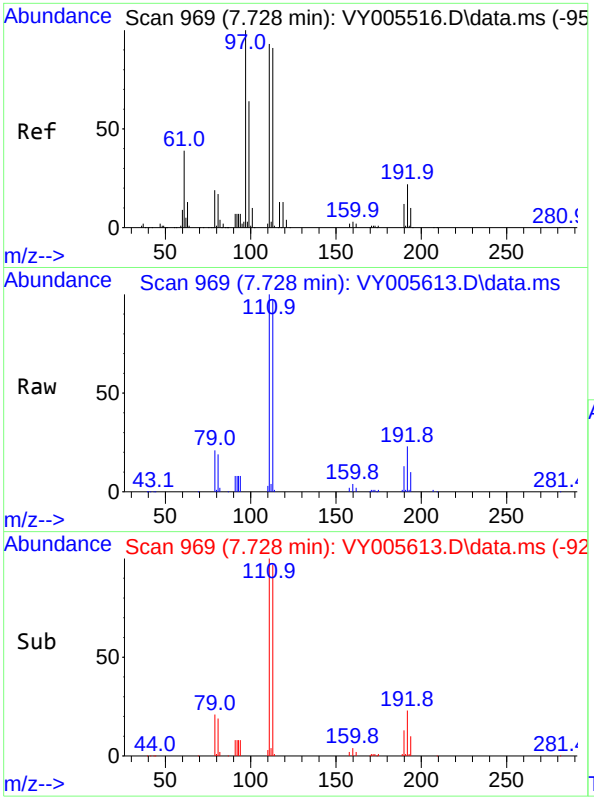
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:114 Resp: 337664

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	39.2
88	15.6	0.0	30.8



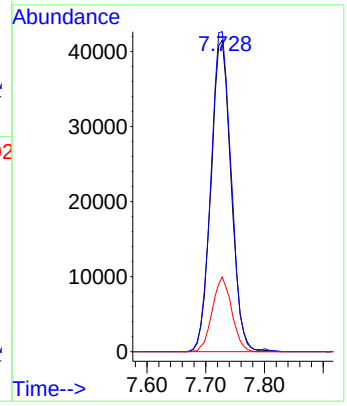
Instrument :
MSVOA_Y
ClientSampleId :
LPA-1RE

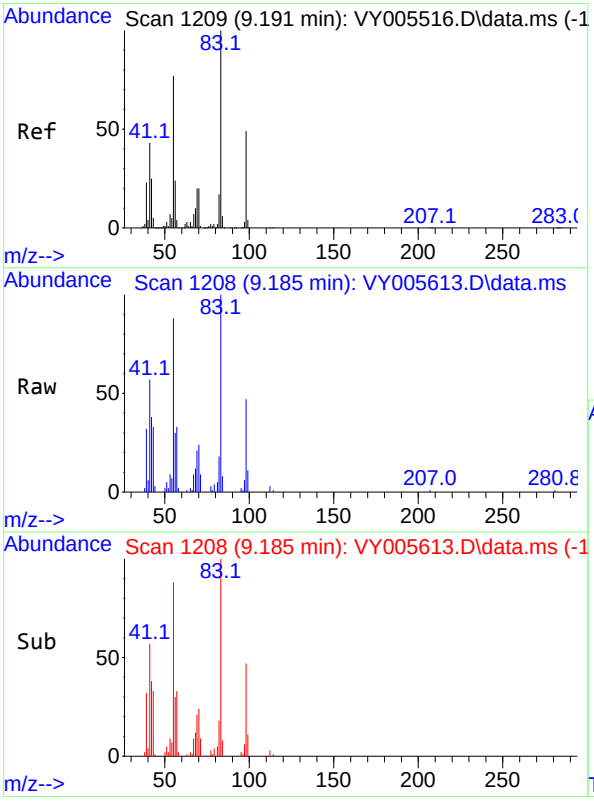


#35
Dibromofluoromethane
Concen: 52.154 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:113 Resp: 98598

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.9	122.9
192	23.1	19.2	28.8

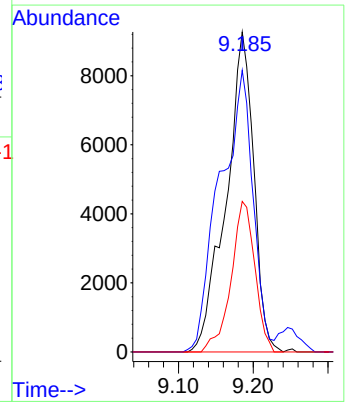




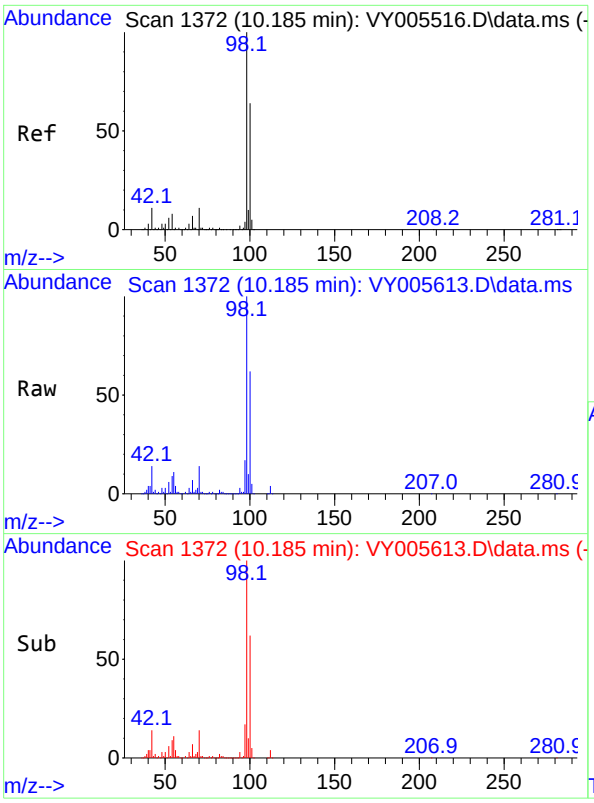
#39
Methylcyclohexane
Concen: 5.910 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion: 83 Resp: 23813

Ion	Ratio	Lower	Upper
83	100		
55	88.0	61.7	92.5
98	47.1	38.9	58.3



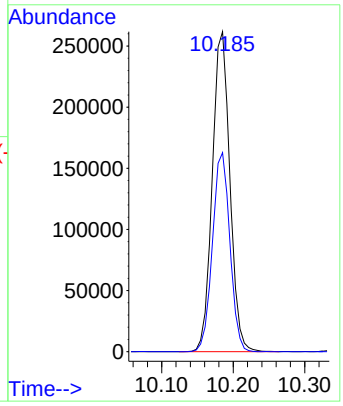
Instrument :
MSVOA_Y
ClientSampleId :
LPA-1RE

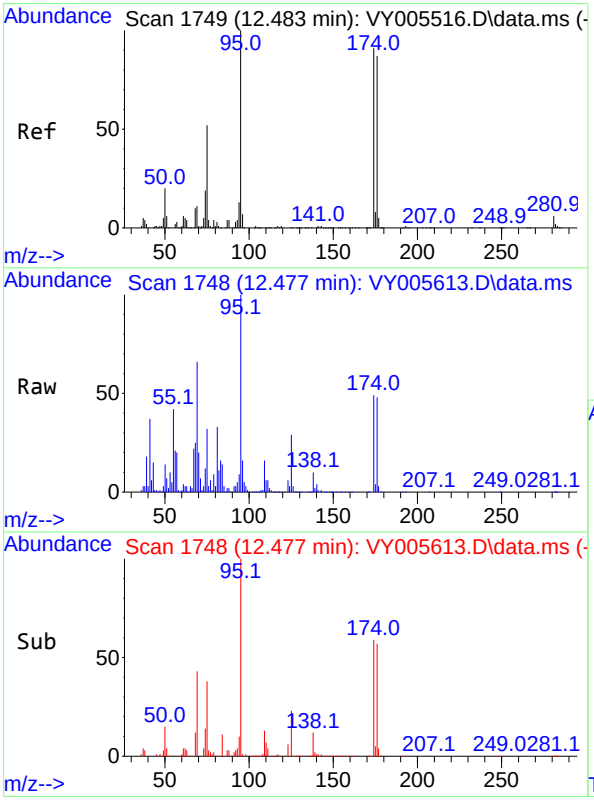


#50
Toluene-d8
Concen: 56.236 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion: 98 Resp: 445875

Ion	Ratio	Lower	Upper
98	100		
100	61.8	51.3	76.9

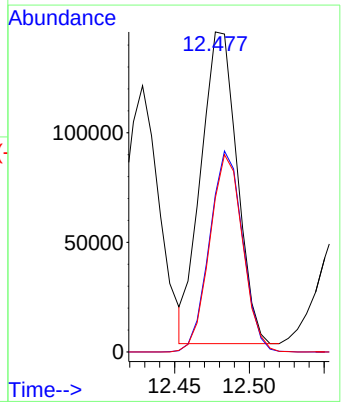




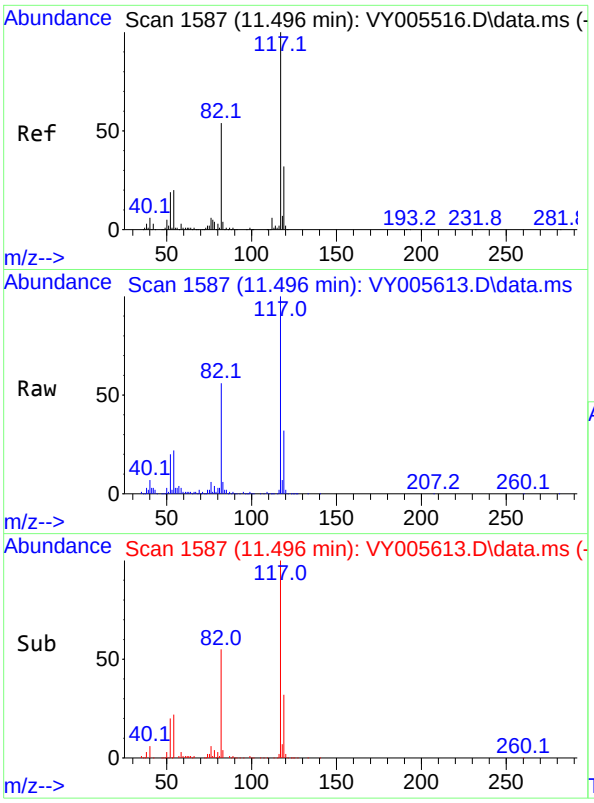
#62
4-Bromofluorobenzene
Concen: 90.992 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion: 95 Resp: 238905

Ion	Ratio	Lower	Upper
95	100		
174	59.1	0.0	191.4
176	57.9	0.0	183.6



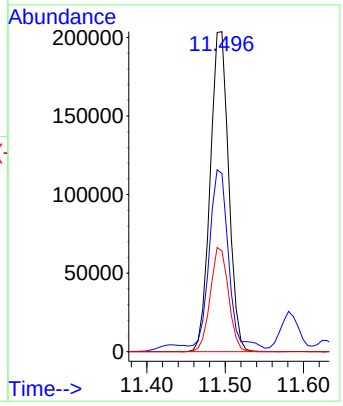
Instrument :
MSVOA_Y
ClientSampleId :
LPA-1RE

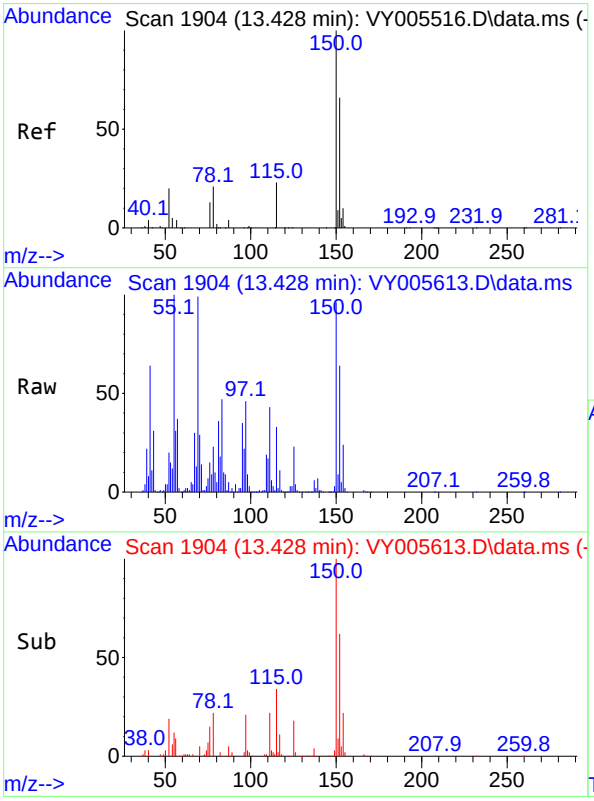


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:117 Resp: 333041

Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.5	65.3
119	31.5	25.5	38.3

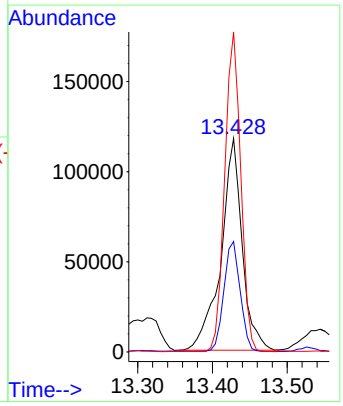




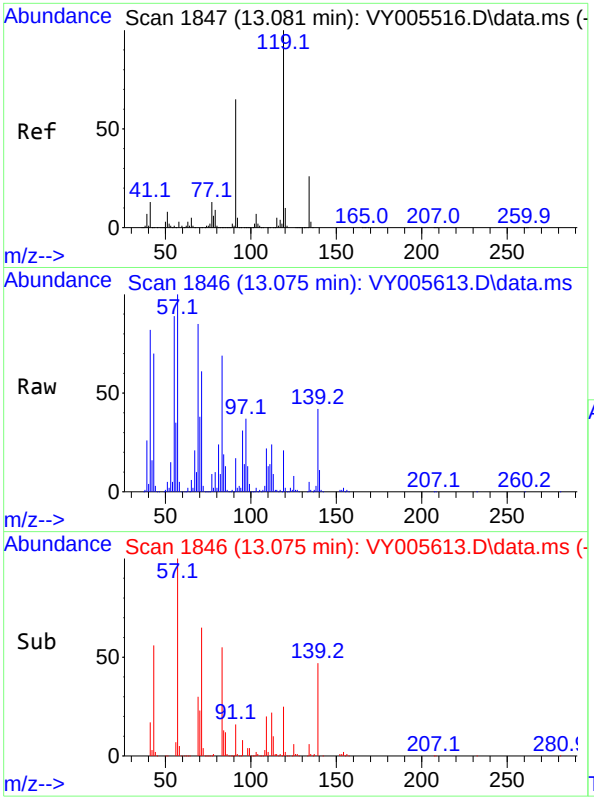
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:152 Resp: 231965

Ion	Ratio	Lower	Upper
152	100		
115	40.1	27.3	81.9
150	114.0	0.0	350.2



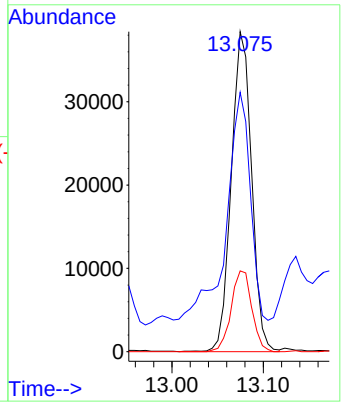
Instrument :
MSVOA_Y
ClientSampleId :
LPA-1RE

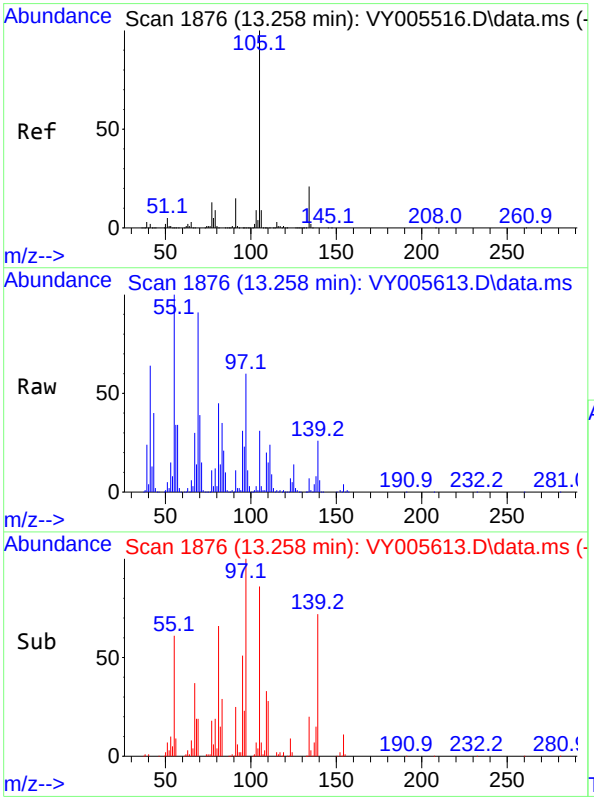


#83
tert-Butylbenzene
Concen: 4.917 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:119 Resp: 59283

Ion	Ratio	Lower	Upper
119	100		
91	83.0	31.9	95.9
134	25.7	13.4	40.2

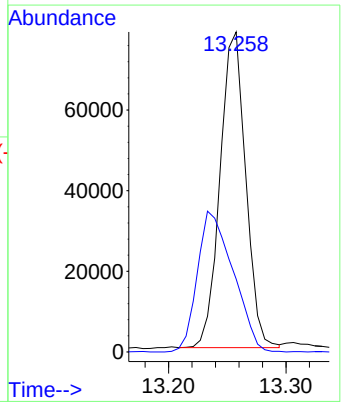


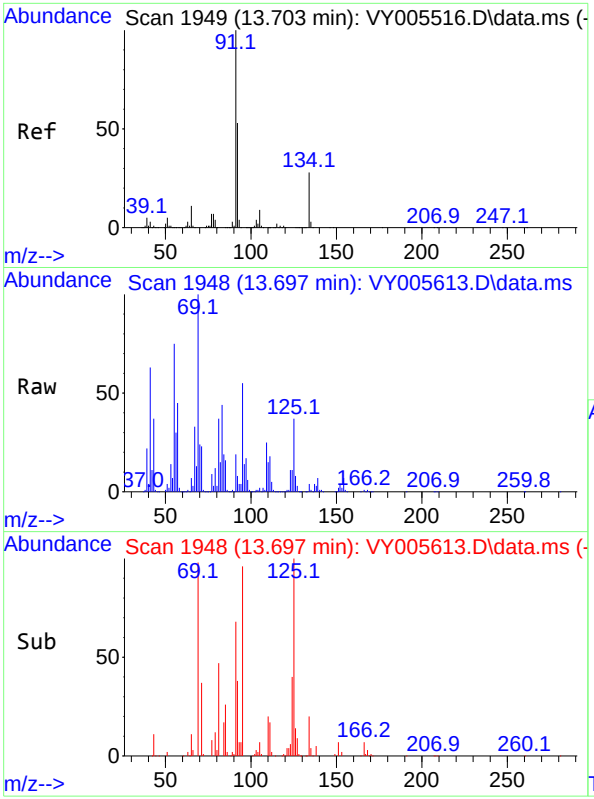


#85
sec-Butylbenzene
Concen: 6.837 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion:105 Resp: 118908

Ion	Ratio	Lower	Upper
105	100		
134	0.0	10.5	31.5#

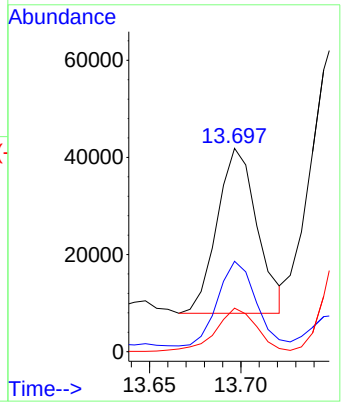




#89
n-Butylbenzene
Concen: 3.835 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY005613.D
Acq: 12 Aug 2021 11:37

Tgt Ion: 91 Resp: 51874

Ion	Ratio	Lower	Upper
91	100		
92	48.4	26.7	80.1
134	26.6	13.8	41.4



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