Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Quant Time: Jan 18 03:09:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

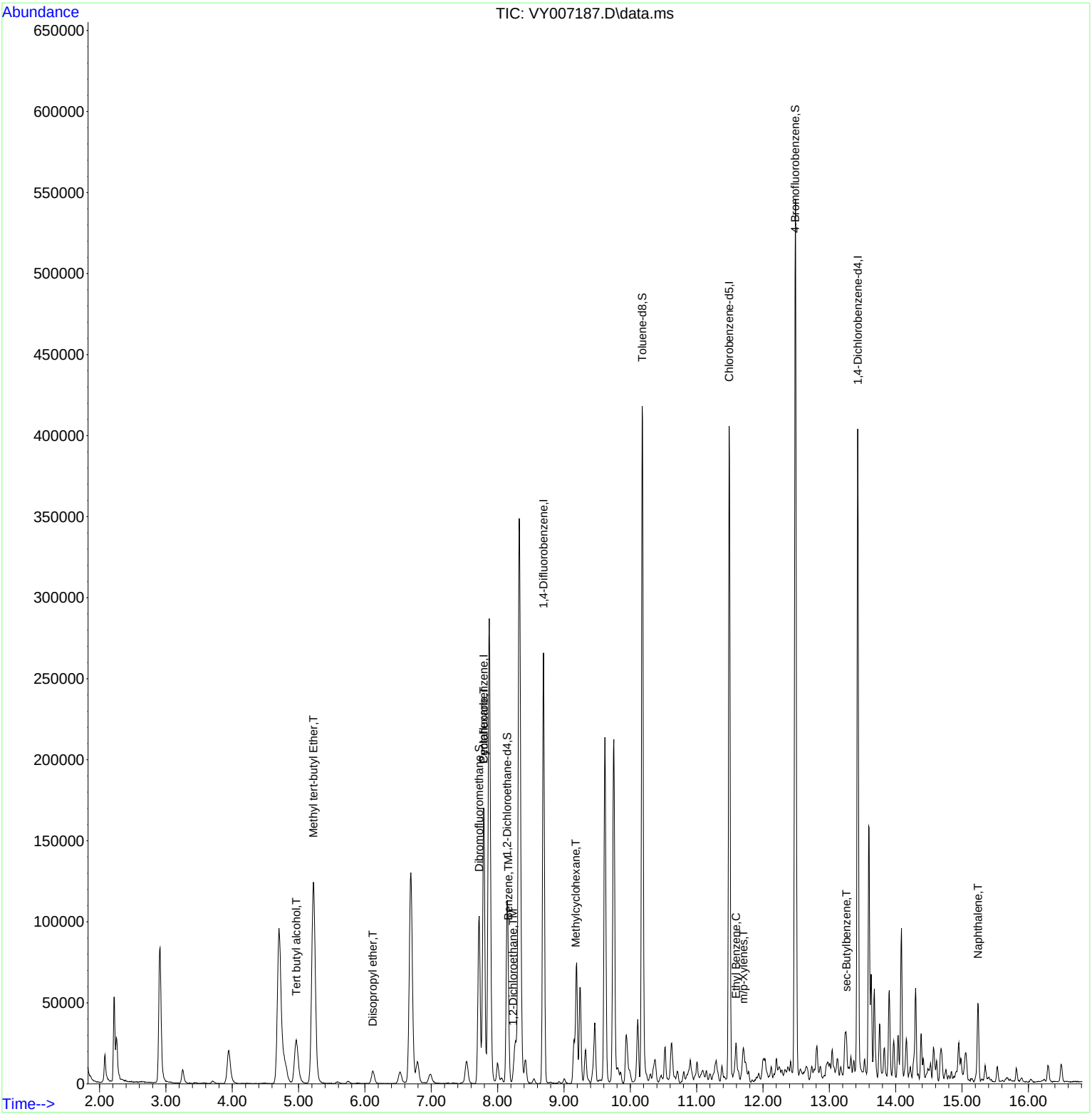
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	119498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	94597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83702	57.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.180%			
35) Dibromofluoromethane	7.721	113	74659	50.219	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.440%			
50) Toluene-d8	10.178	98	269934	49.691	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.380%			
62) 4-Bromofluorobenzene	12.483	95	103159	53.386	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.780%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	63935	516.519	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	204841	76.948	ug/l #	87
22) Diisopropyl ether	6.118	45	10353	2.357	ug/l #	98
31) Cyclohexane	7.789	56	7280	2.937	ug/l #	44
39) Methylcyclohexane	9.178	83	9109	3.142	ug/l #	50
40) Benzene	8.160	78	22360	3.530	ug/l	99
42) 1,2-Dichloroethane	8.234	62	2774	1.391	ug/l #	74
67) Ethyl Benzene	11.593	91	13344	1.552	ug/l	97
68) m/p-Xylenes	11.702	106	4894	1.532	ug/l	95
85) sec-Butylbenzene	13.257	105	13596	1.568	ug/l #	48
95) Naphthalene	15.238	128	39819	9.957	ug/l	100

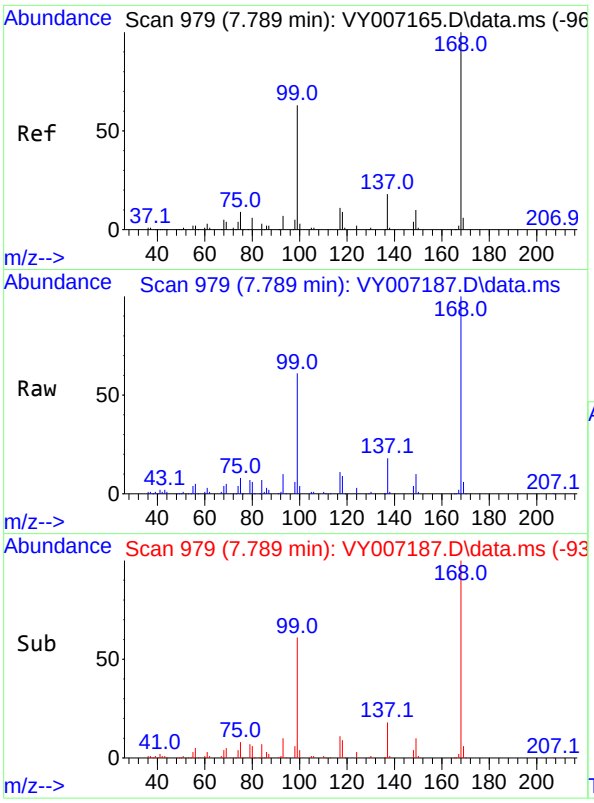
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007187.D
Acq On : 17 Jan 2022 15:14
Operator : SY/MD
Sample : N1145-03
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Quant Time: Jan 18 03:09:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration



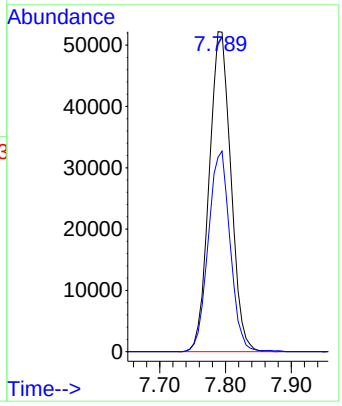


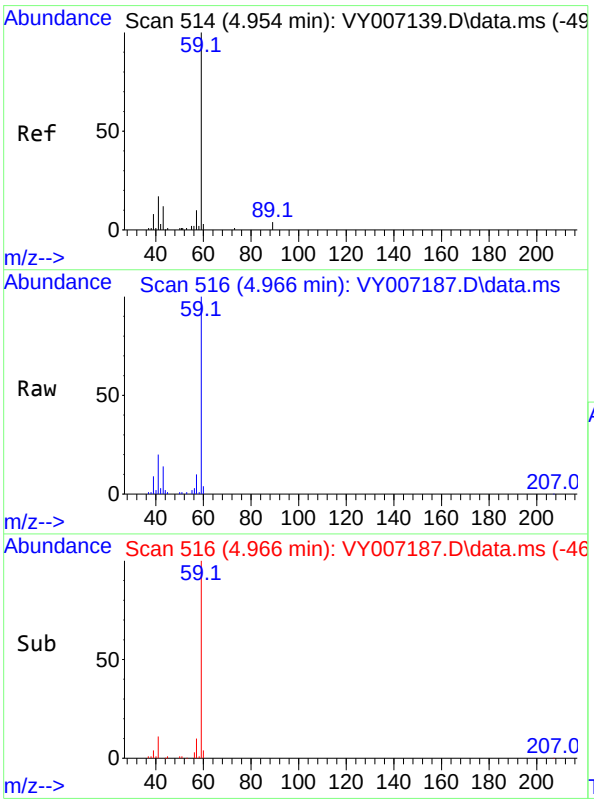
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:168 Resp: 119498

Ion	Ratio	Lower	Upper
168	100		
99	60.8	49.1	73.7

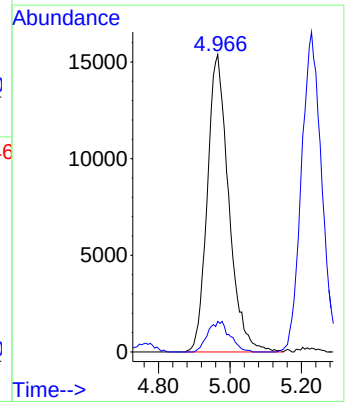


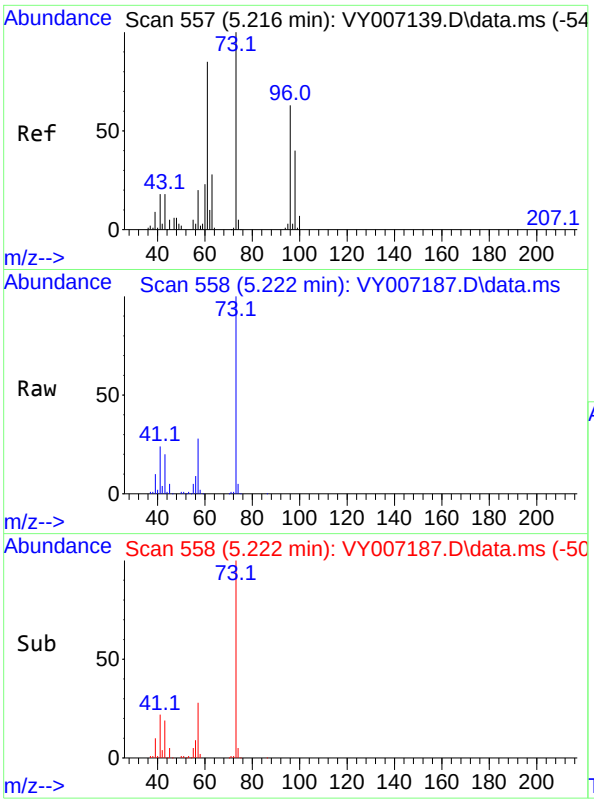


#11
Tert butyl alcohol
Concen: 516.519 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 59 Resp: 63935

Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1



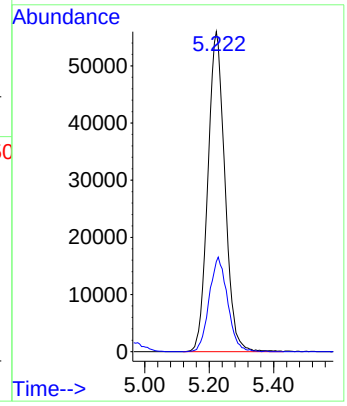


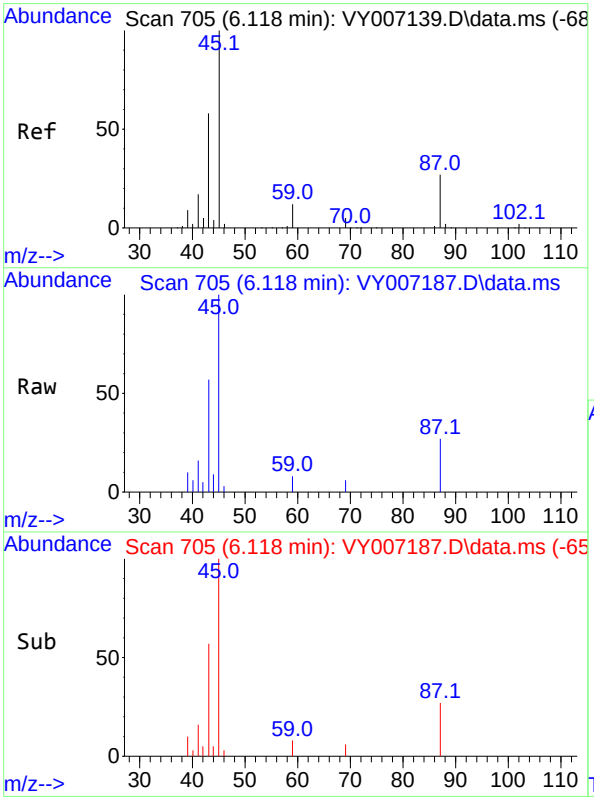
#19
Methyl tert-butyl Ether
Concen: 76.948 ug/l
RT: 5.222 min Scan# 5
Delta R.T. 0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 73 Resp: 204841

Ion	Ratio	Lower	Upper
73	100		
57	28.2	17.4	26.2#

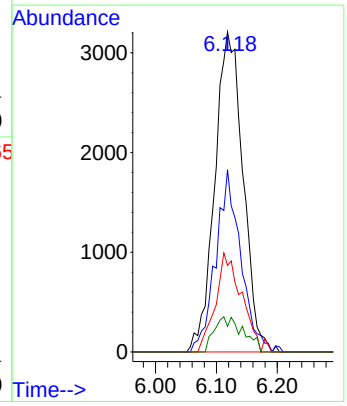


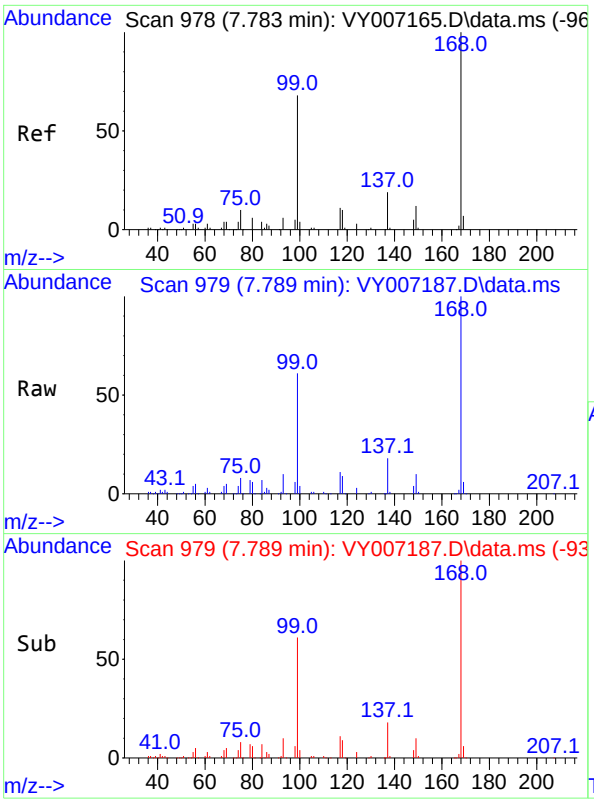


#22
Diisopropyl ether
Concen: 2.357 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 45 Resp: 10353

Ion	Ratio	Lower	Upper
45	100		
43	57.0	45.6	68.4
87	27.0	22.2	33.2
59	8.0	9.4	14.0#



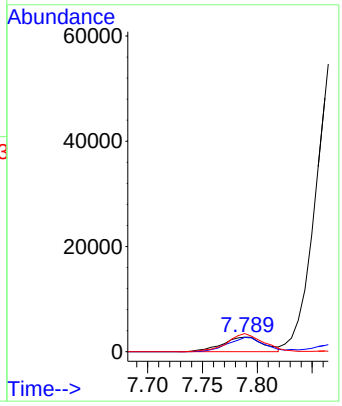


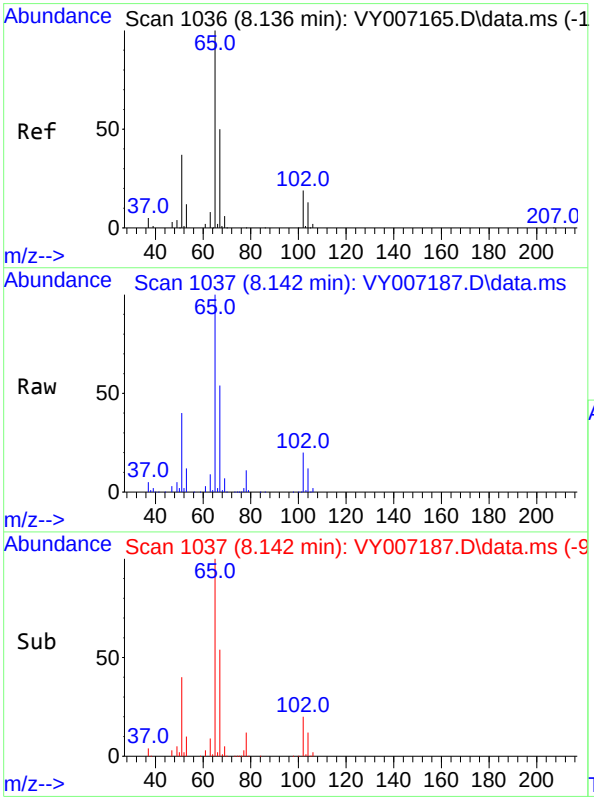
#31
Cyclohexane
Concen: 2.937 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 56 Resp: 7280

Ion	Ratio	Lower	Upper
56	100		
69	97.4	27.2	40.8#
84	123.6	72.1	108.1#

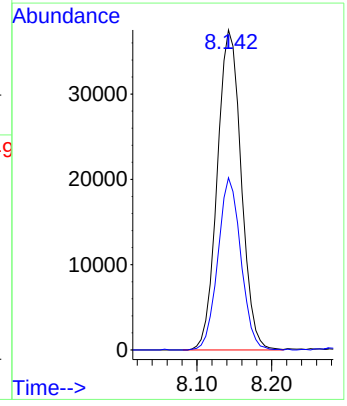


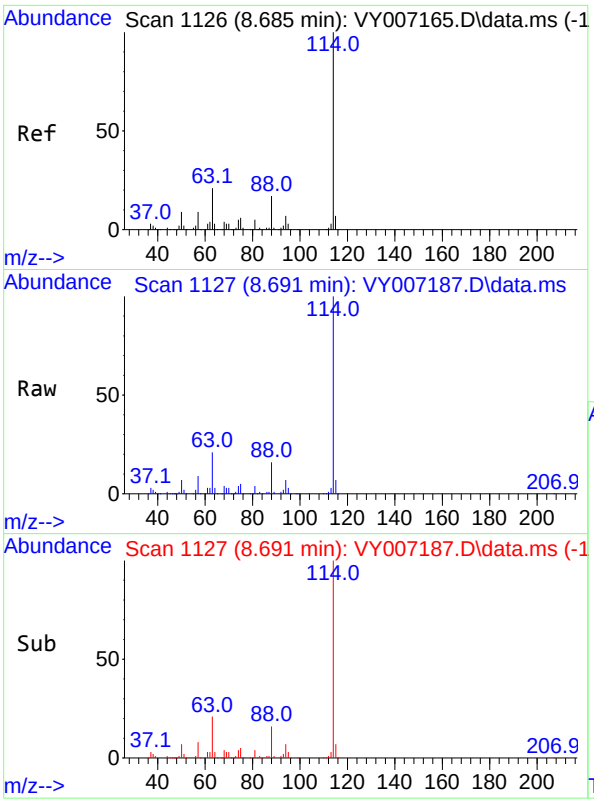


#33
1,2-Dichloroethane-d4
Concen: 57.086 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 65 Resp: 83702

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	105.6



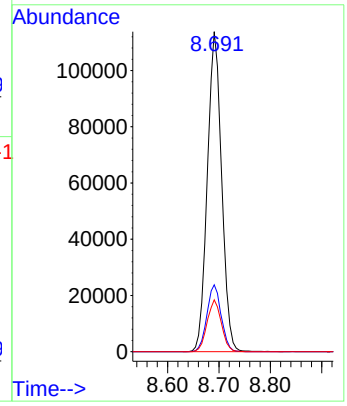


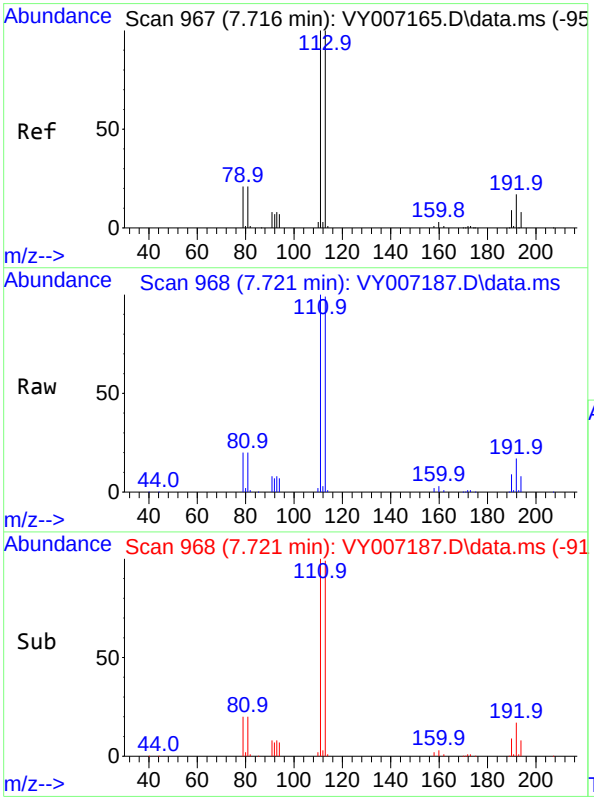
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:114 Resp: 219863

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.2
88	16.2	0.0	31.0

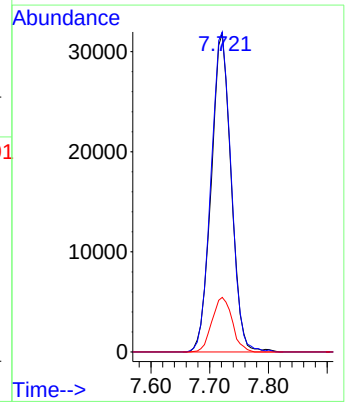


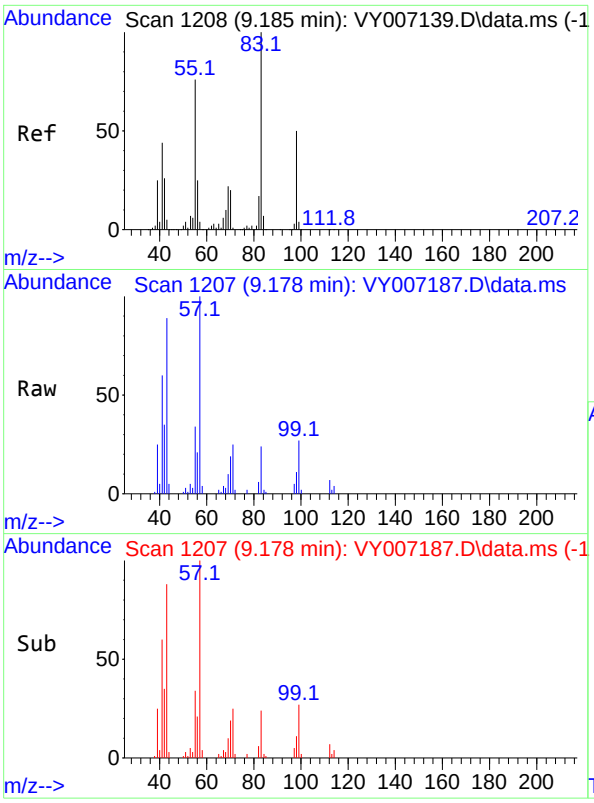


#35
Dibromofluoromethane
Concen: 50.219 ug/l
RT: 7.721 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:113 Resp: 74659

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	17.5	14.2	21.4



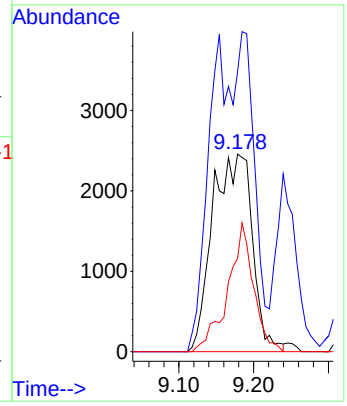


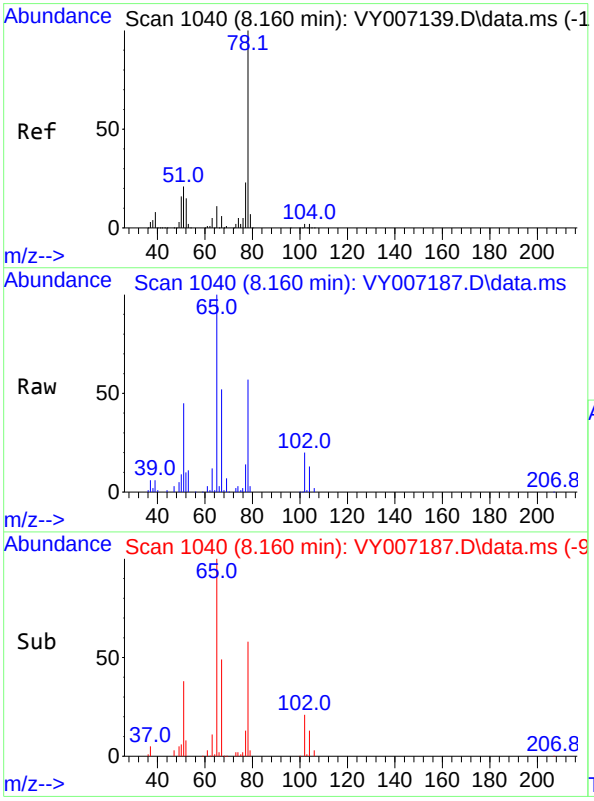
#39
Methylcyclohexane
Concen: 3.142 ug/l
RT: 9.178 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 83 Resp: 9109

Ion	Ratio	Lower	Upper
83	100		
55	141.8	58.8	88.2#
98	47.2	38.7	58.1

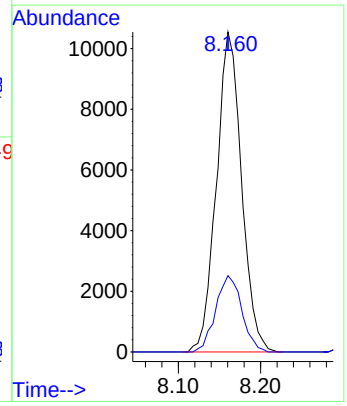


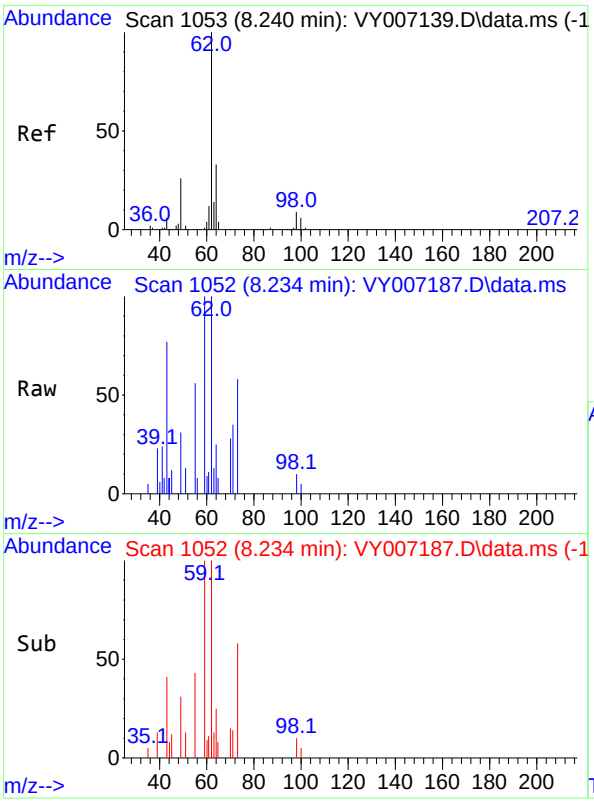


#40
Benzene
Concen: 3.530 ug/l
RT: 8.160 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 78 Resp: 22360

Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	27.8



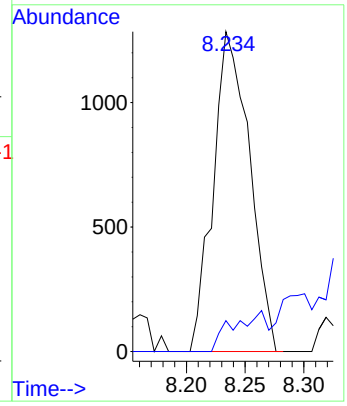


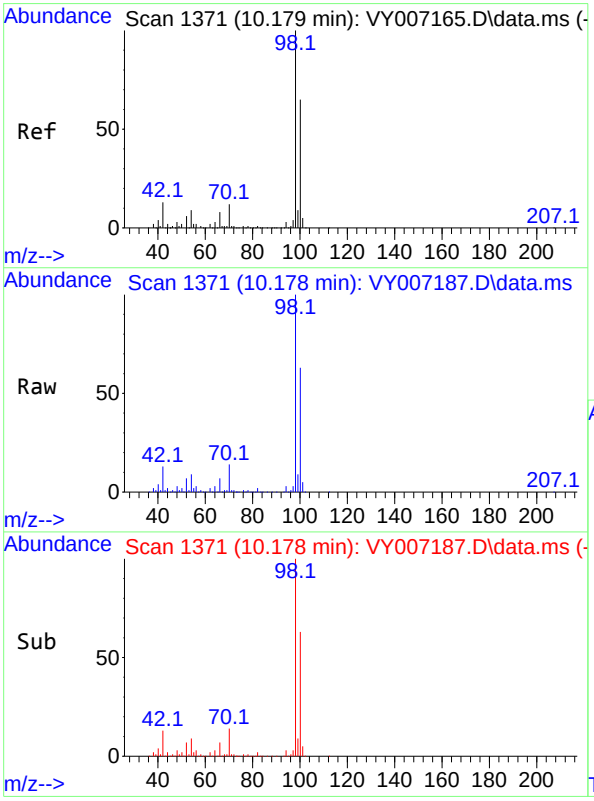
#42
1,2-Dichloroethane
Concen: 1.391 ug/l
RT: 8.234 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 62 Resp: 2774

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.2

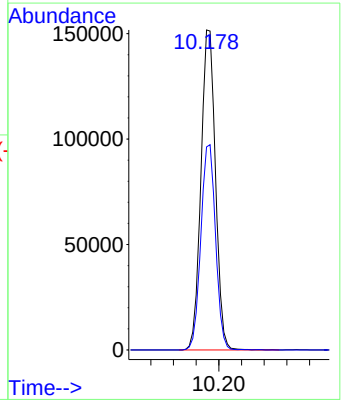


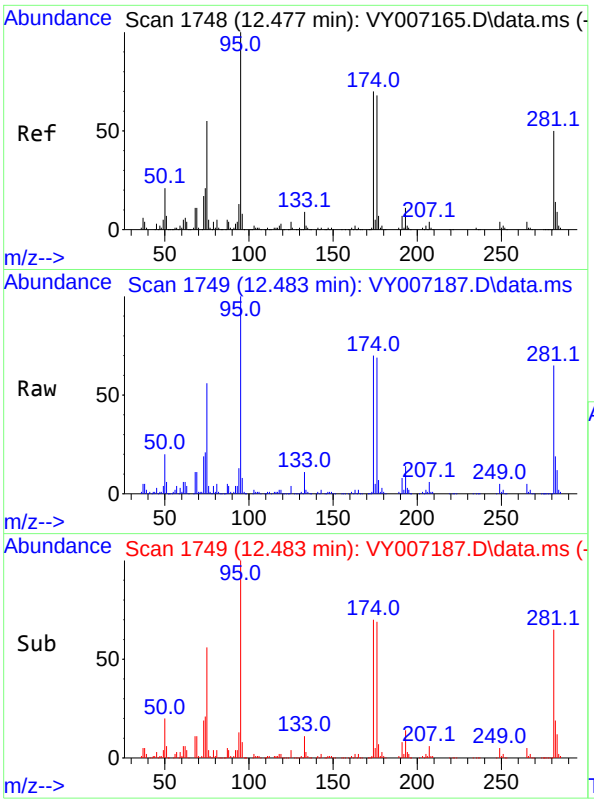


#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion: 98 Resp: 269934

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2



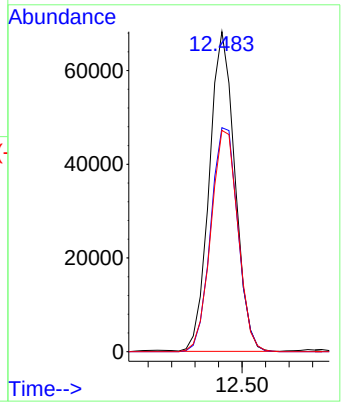


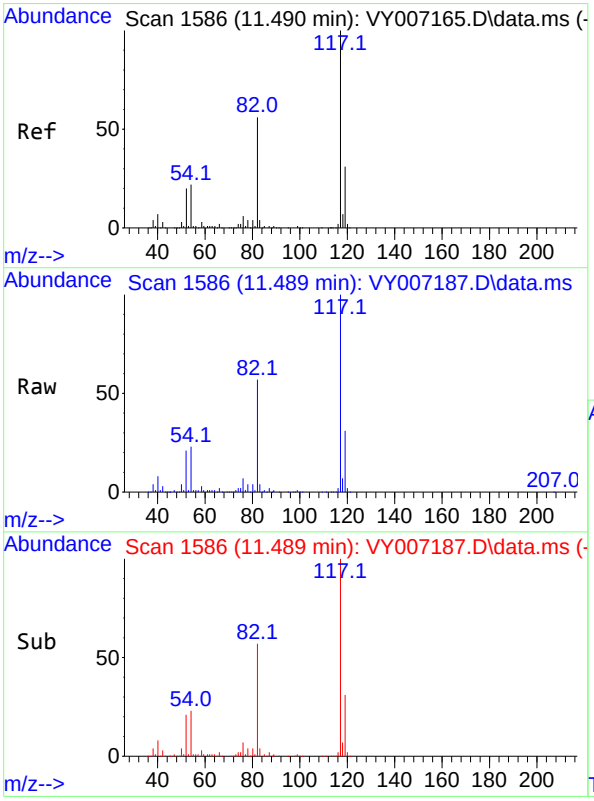
#62
4-Bromofluorobenzene
Concen: 53.386 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 95 Resp: 103159

Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	148.4
176	73.2	0.0	146.6

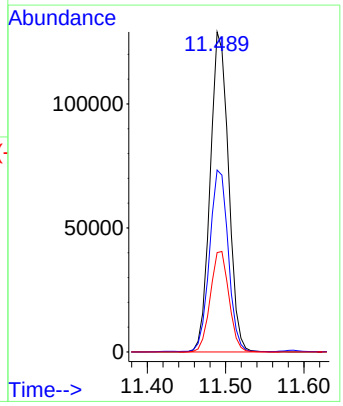


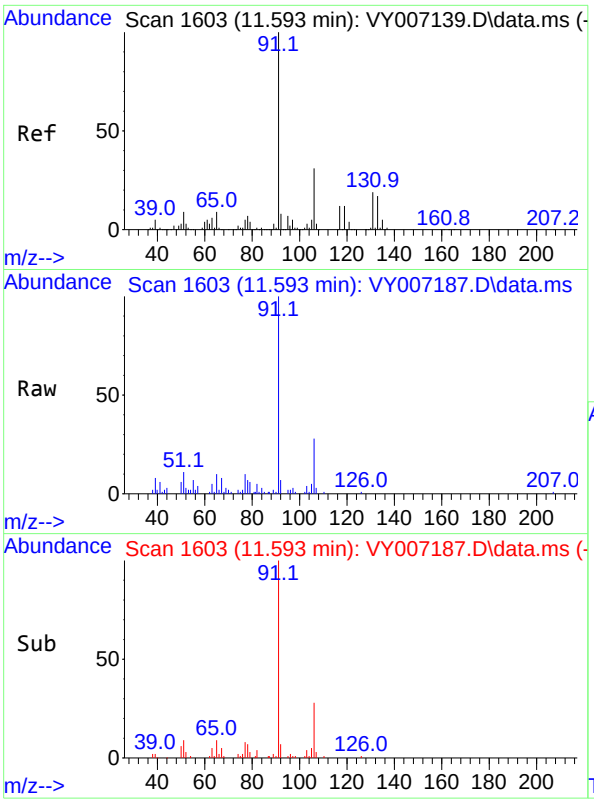


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:117 Resp: 209211

Ion	Ratio	Lower	Upper
117	100		
82	56.7	45.4	68.0
119	31.1	26.4	39.6



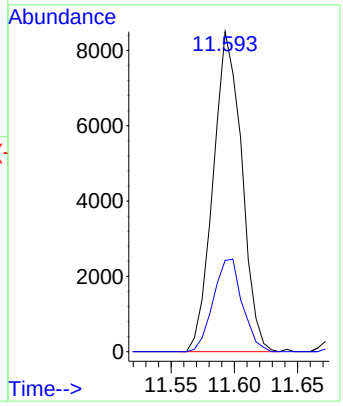


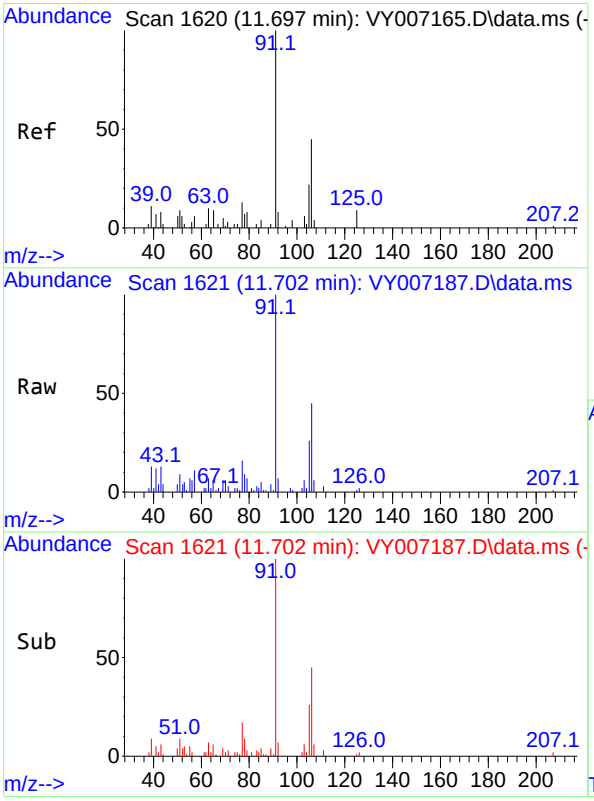
#67
Ethyl Benzene
Concen: 1.552 ug/l
RT: 11.593 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion: 91 Resp: 13344

Ion	Ratio	Lower	Upper
91	100		
106	28.5	23.9	35.9

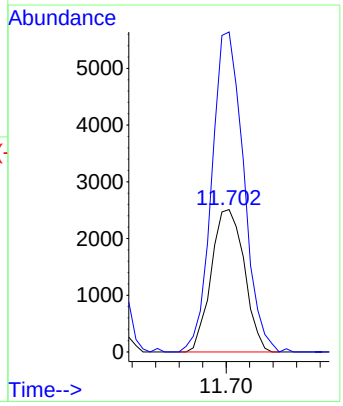


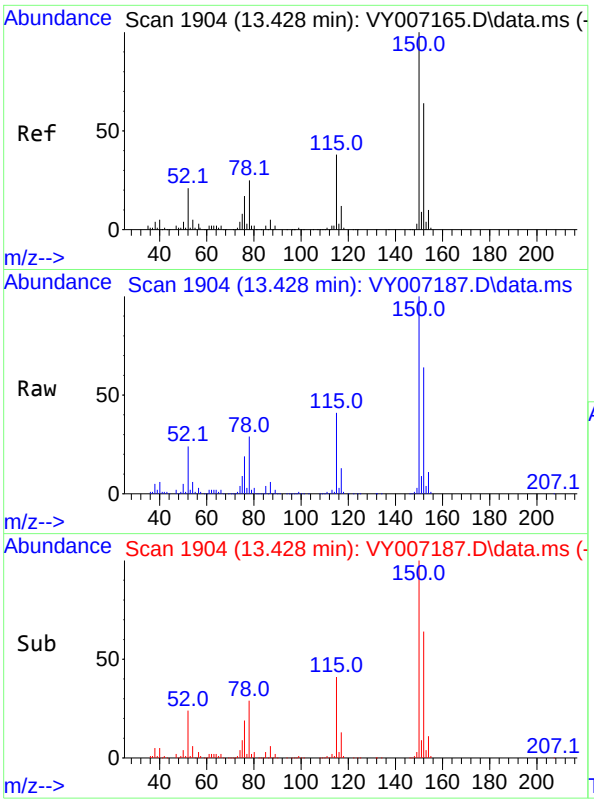


#68
m/p-Xylenes
Concen: 1.532 ug/l
RT: 11.702 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:106 Resp: 4894

Ion	Ratio	Lower	Upper
106	100		
91	216.8	167.1	250.7



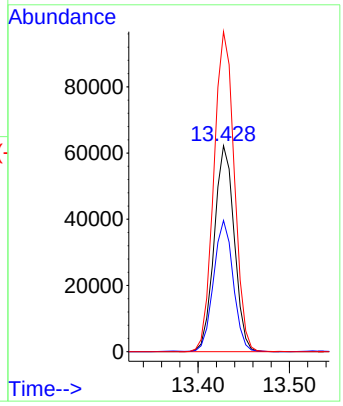


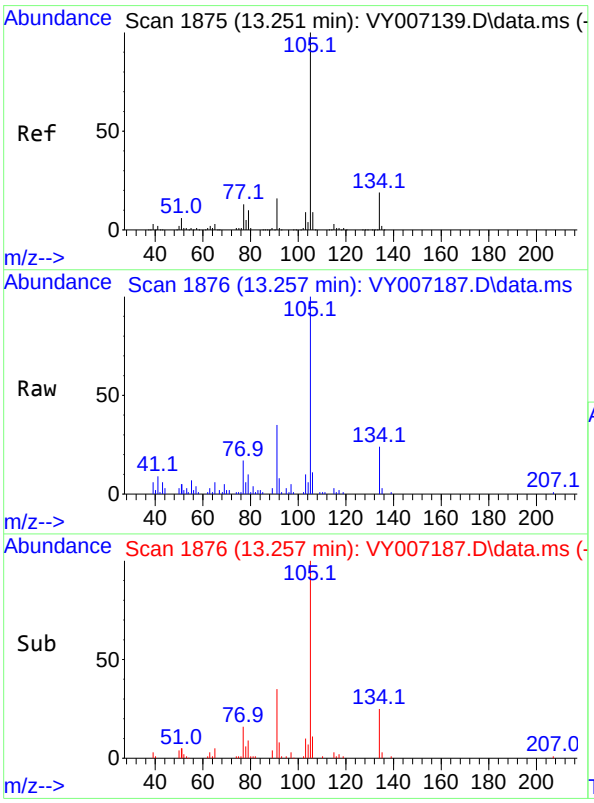
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:152 Resp: 94597

Ion	Ratio	Lower	Upper
152	100		
115	62.8	31.4	94.0
150	158.8	0.0	348.4

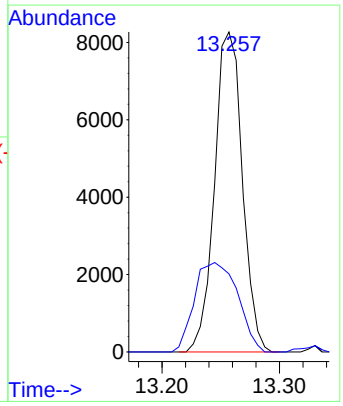


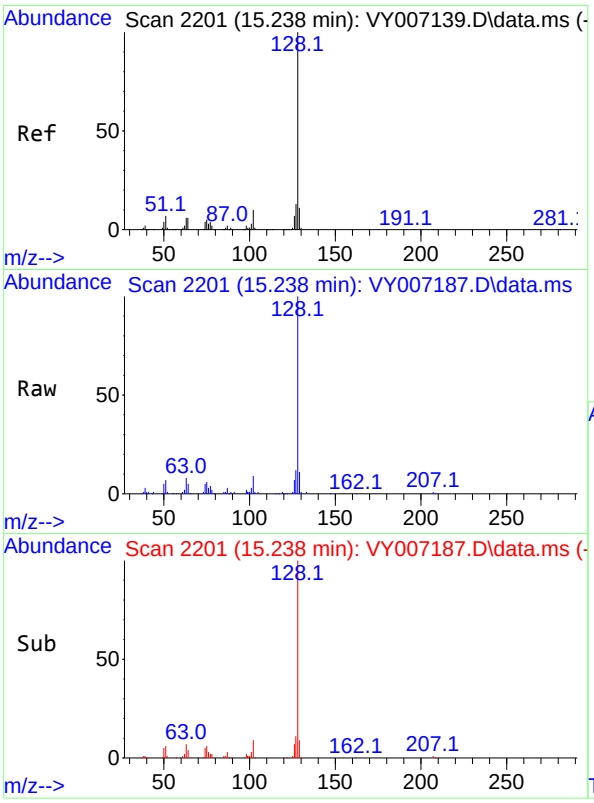


#85
sec-Butylbenzene
Concen: 1.568 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Tgt Ion:105 Resp: 13596

Ion	Ratio	Lower	Upper
105	100		
134	43.5	9.9	29.7#





#95
Naphthalene
Concen: 9.957 ug/l
RT: 15.238 min Scan# 2
Delta R.T. -0.000 min
Lab File: VY007187.D
Acq: 17 Jan 2022 15:14

Instrument :
MSVOA_Y
ClientSampleId :
A3-3-7.0

Tgt Ion:128 Resp: 39819

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.3	8.9	13.3