Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
Data File : VY015103.D
Acq On : 15 Aug 2023 15:06
Operator : SY/MD
Sample : 03989-02
Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Quant Time: Aug 16 02:04:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	154487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138260	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	98226	52.967	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.940%			
35) Dibromofluoromethane	7.710	113	84493	49.986	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.980%			
50) Toluene-d8	10.179	98	314459	49.975	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.940%			
62) 4-Bromofluorobenzene	12.477	95	122119	53.135	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 106.280%			
Target Compounds						Qvalue
16) Acetone	3.948	43	27677	45.685	ug/l	94
20) Methylene Chloride	4.710	84	15580	7.011	ug/l #	82
84) 1,2,4-Trimethylbenzene	13.117	105	7708	1.041	ug/l	100
86) p-Isopropyltoluene	13.367	119	24009	2.916	ug/l #	87
89) n-Butylbenzene	13.690	91	12304	1.585	ug/l #	79

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

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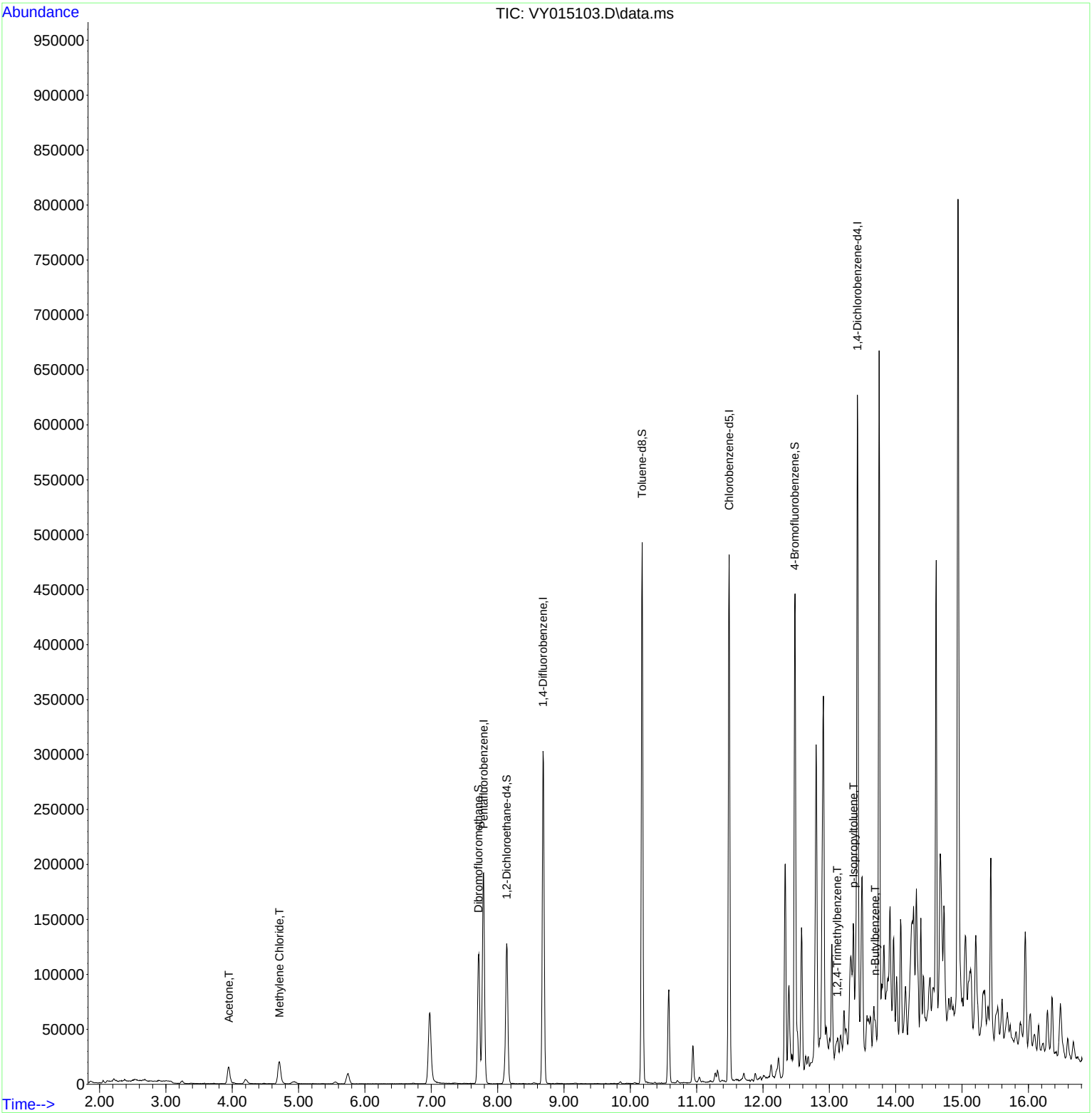
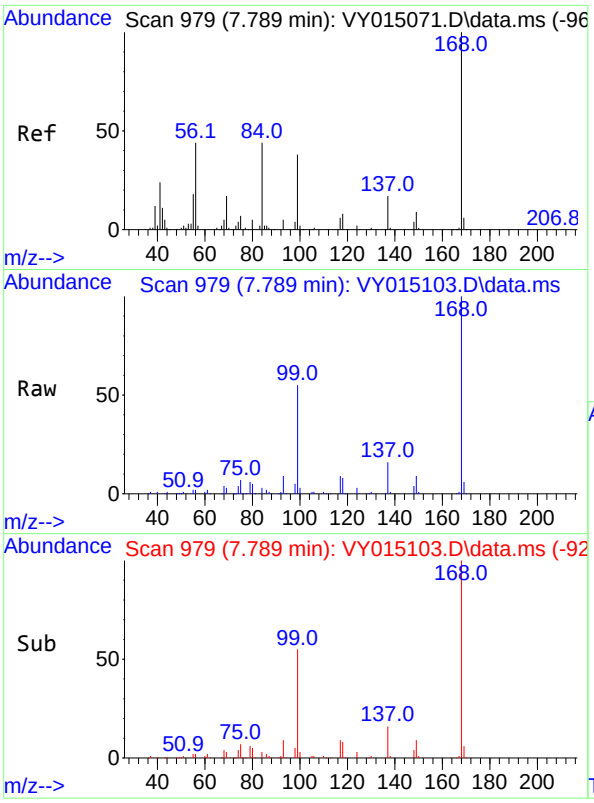


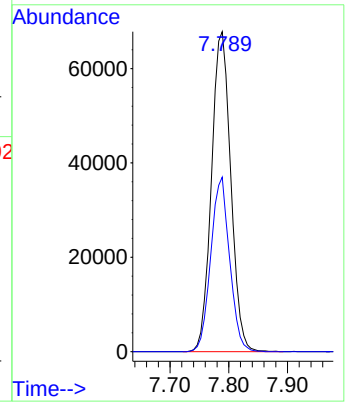


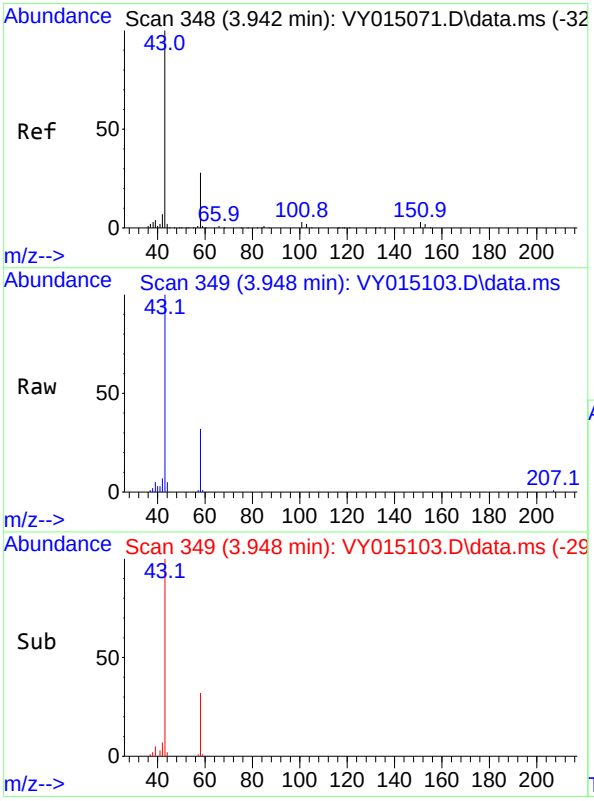
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion:168 Resp: 154487

Ion	Ratio	Lower	Upper
168	100		
99	54.5	43.4	65.0

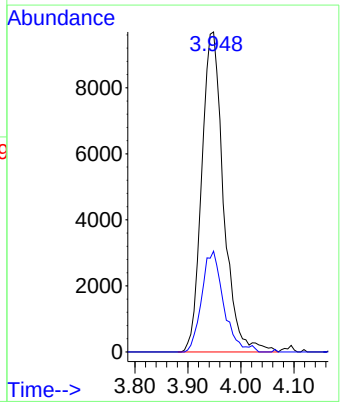


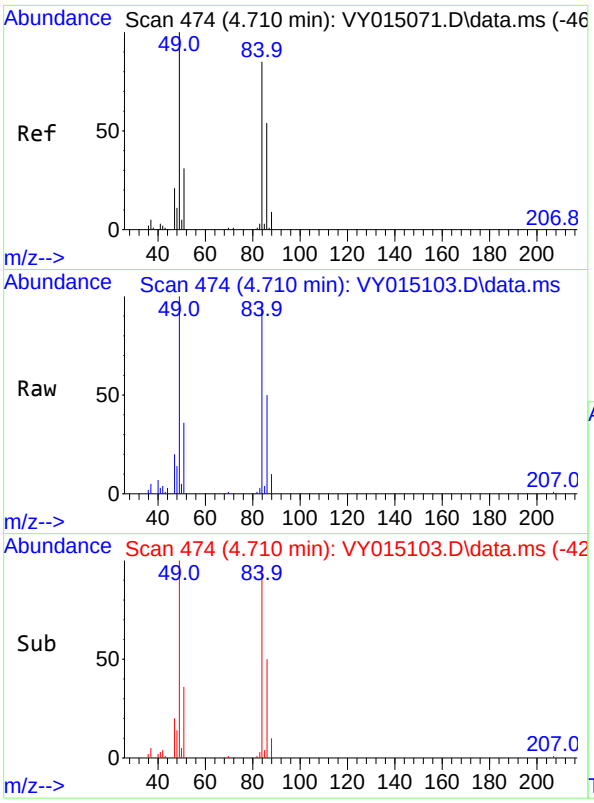


#16
Acetone
Concen: 45.685 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Tgt Ion: 43 Resp: 27677

Ion	Ratio	Lower	Upper
43	100		
58	31.5	22.7	34.1



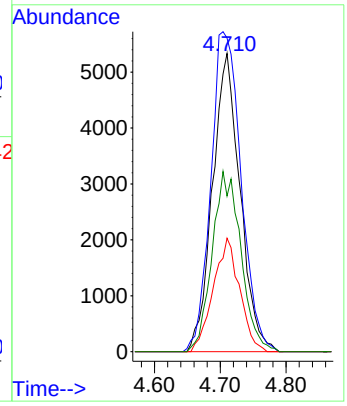


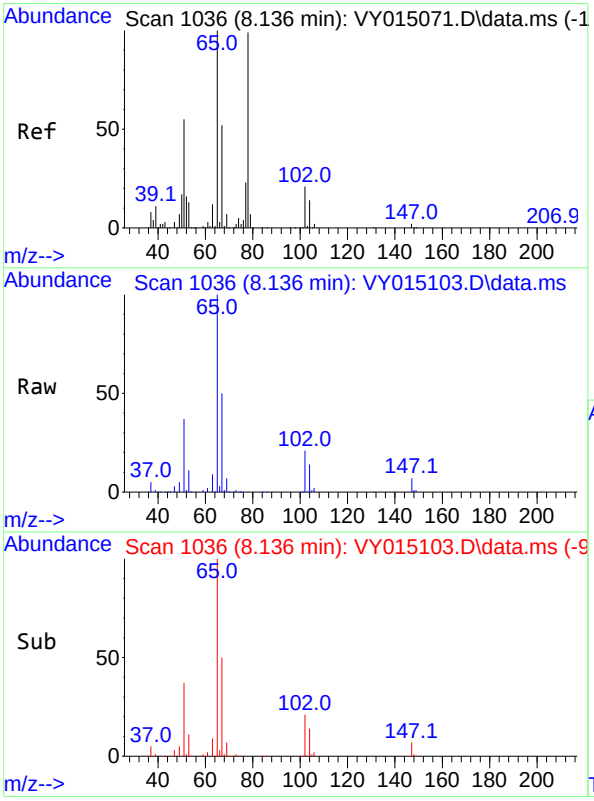
#20
Methylene Chloride
Concen: 7.011 ug/l
RT: 4.710 min Scan# 4
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion: 84 Resp: 15580

Ion	Ratio	Lower	Upper
84	100		
49	105.2	106.9	160.3#
51	38.1	33.2	49.8
86	52.2	51.0	76.6

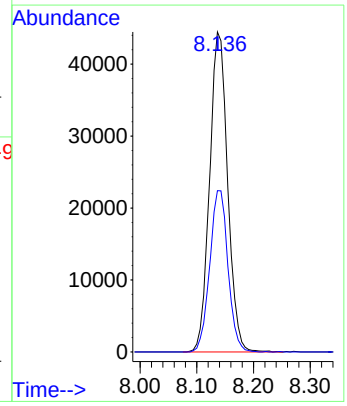


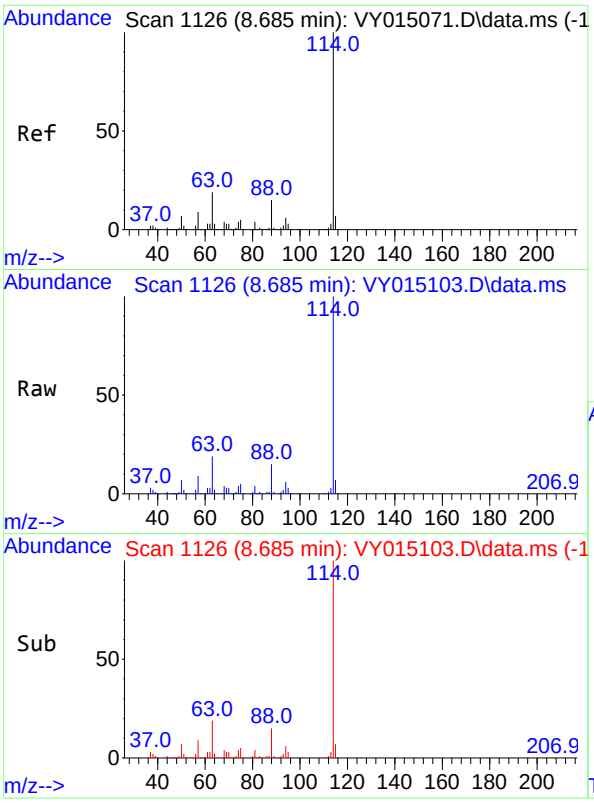


#33
1,2-Dichloroethane-d4
Concen: 52.967 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Tgt Ion: 65 Resp: 98226

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.8



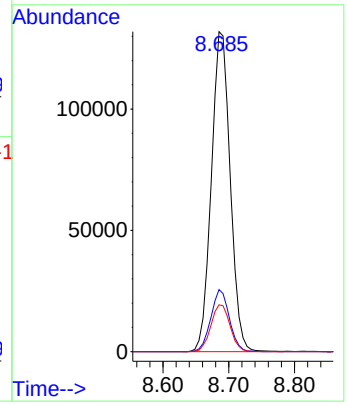


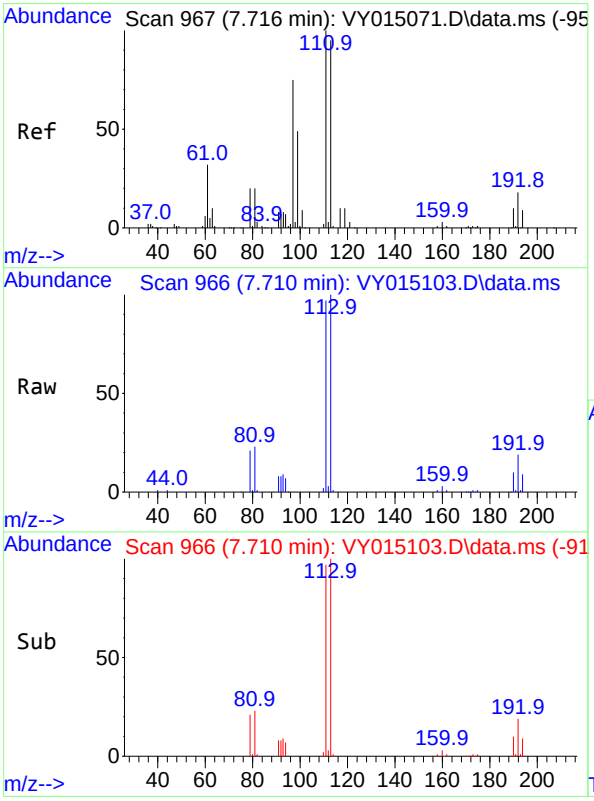
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion:114 Resp: 262745

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	42.4
88	14.6	0.0	30.6

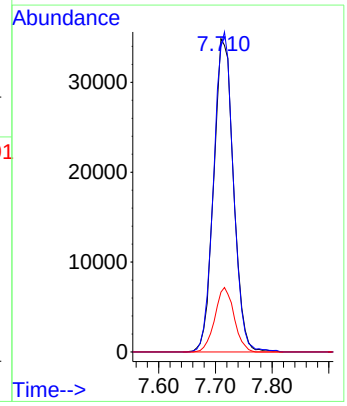


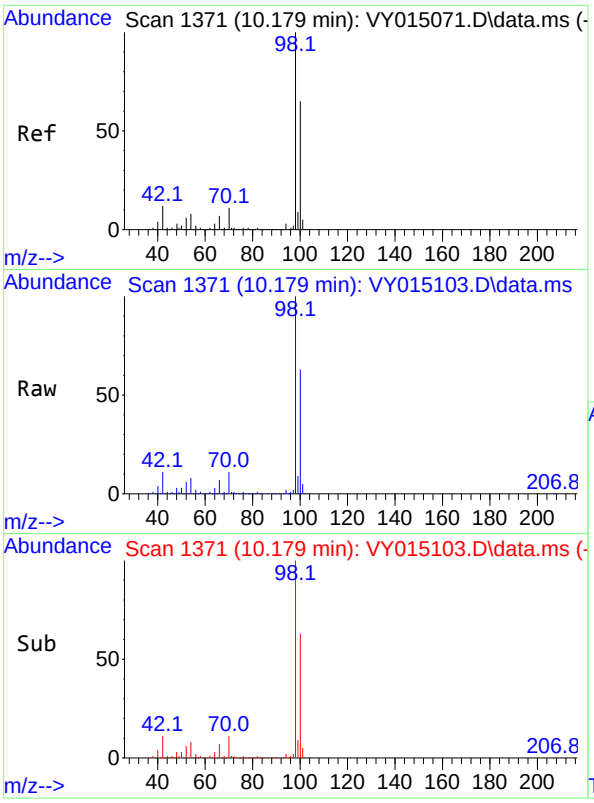


#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Tgt Ion:113 Resp: 84493

Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.3	121.9
192	20.0	16.9	25.3



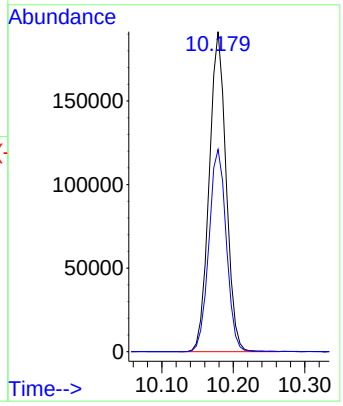


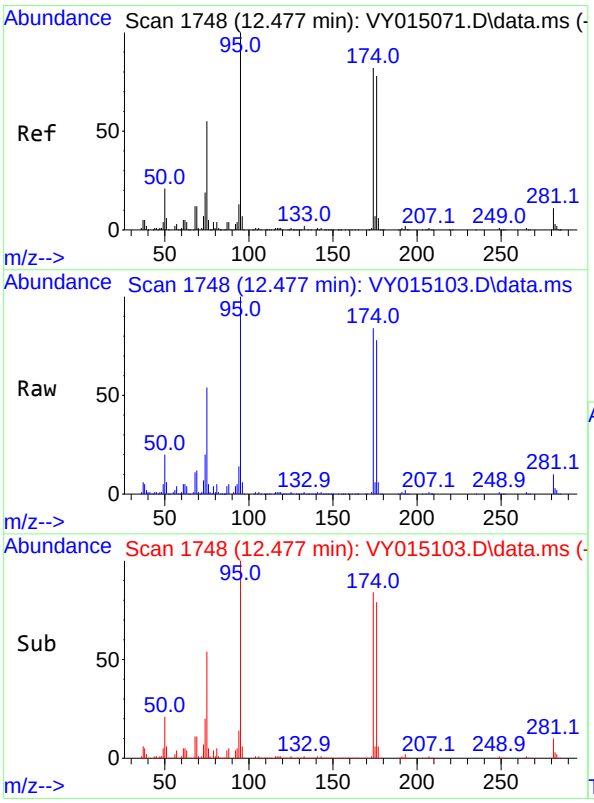
#50
Toluene-d8
Concen: 49.975 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion: 98 Resp: 314459

Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.1	75.1

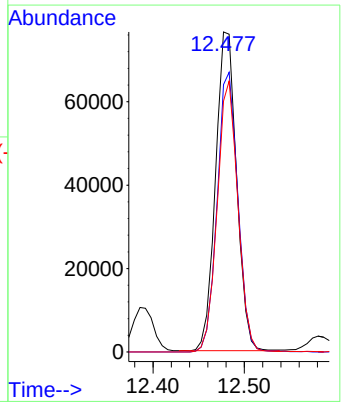


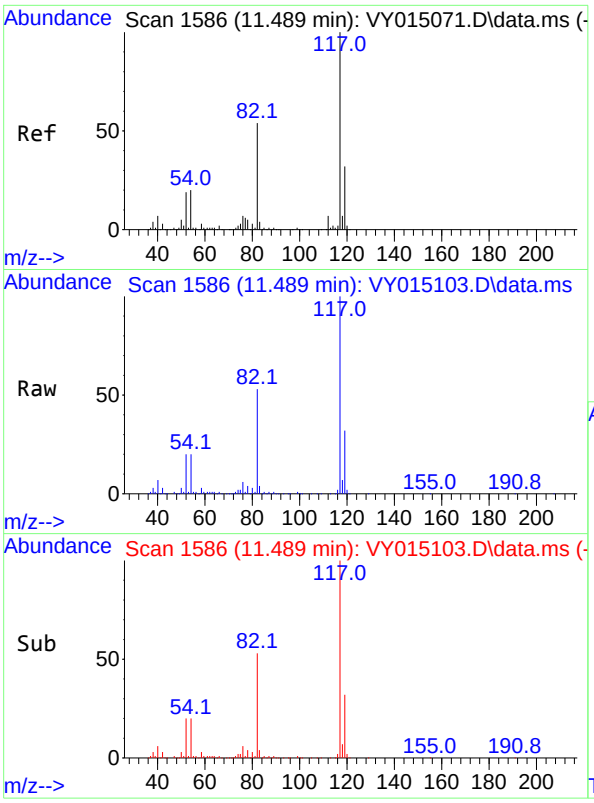


#62
4-Bromofluorobenzene
Concen: 53.135 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Tgt Ion: 95 Resp: 122119

Ion	Ratio	Lower	Upper
95	100		
174	86.7	0.0	178.2
176	83.4	0.0	173.8



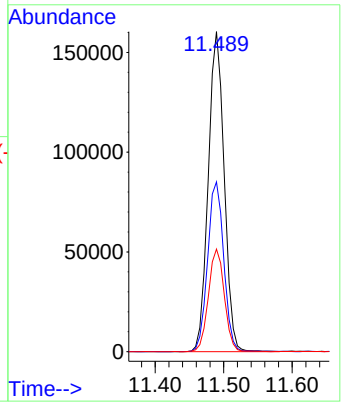


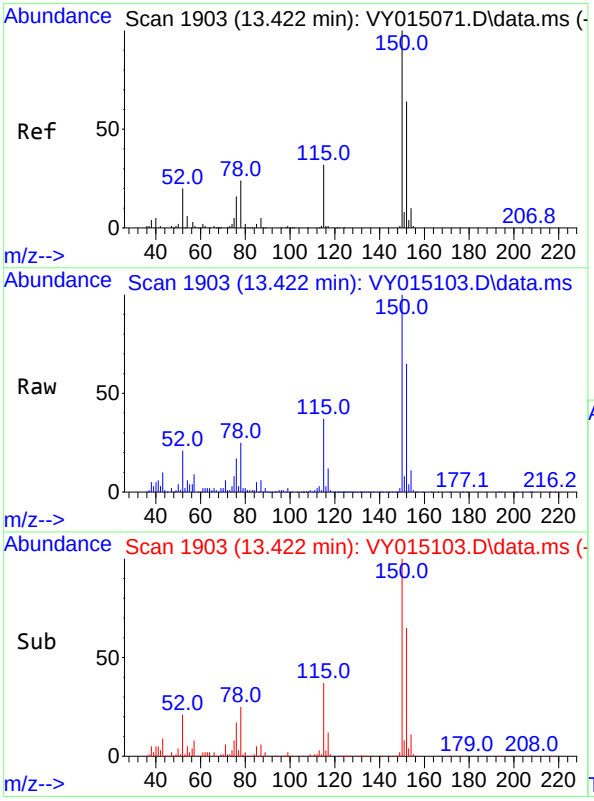
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion:117 Resp: 259126

Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.4	65.0
119	32.0	26.3	39.5

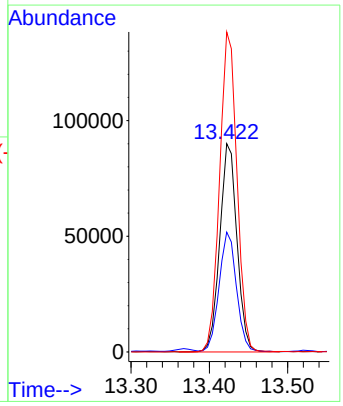


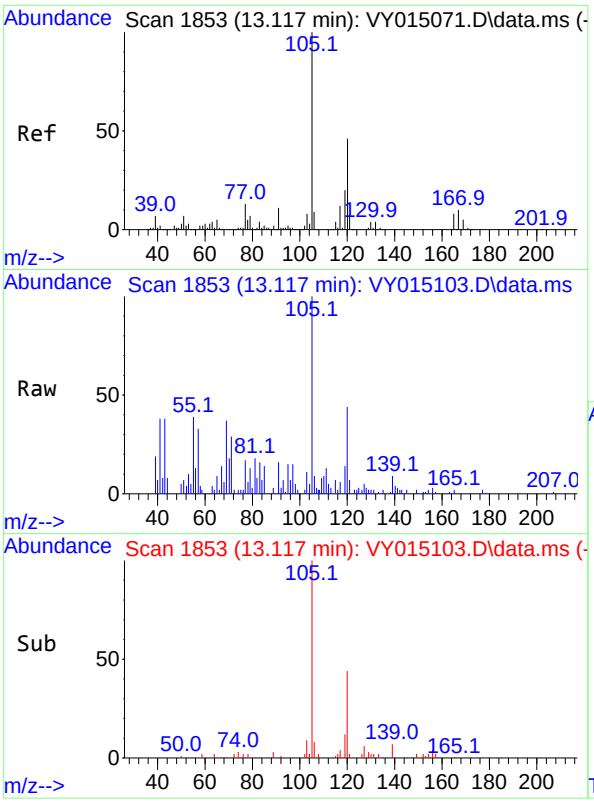


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Tgt Ion:152 Resp: 138260

Ion	Ratio	Lower	Upper
152	100		
115	57.7	28.8	86.5
150	154.7	0.0	348.8



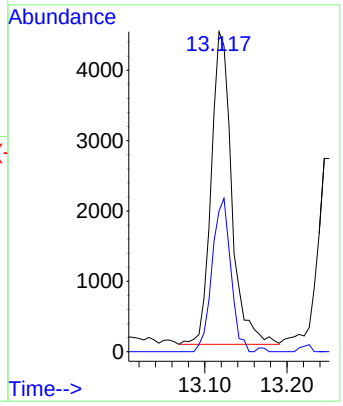


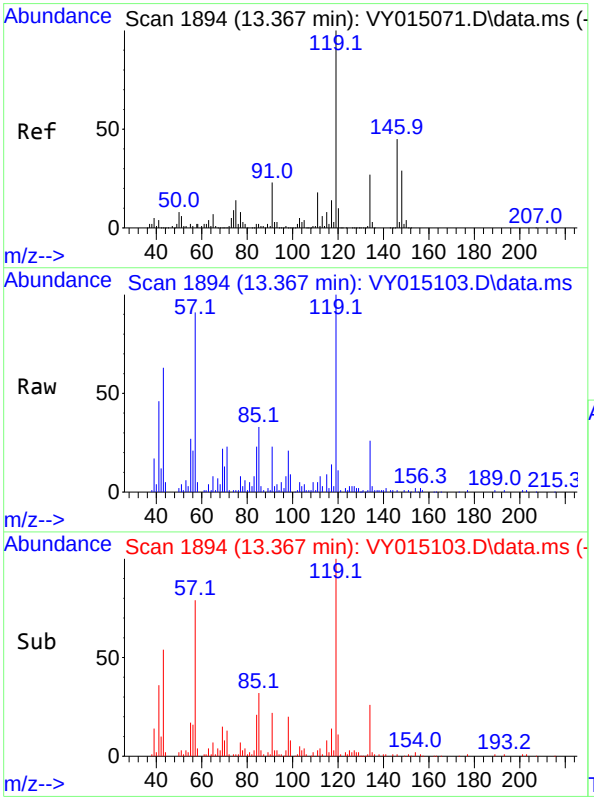
#84
1,2,4-Trimethylbenzene
Concen: 1.041 ug/l
RT: 13.117 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion:105 Resp: 7708

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.2	66.6

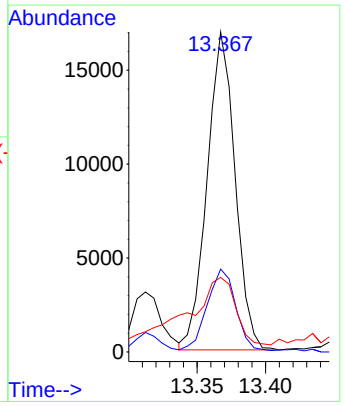


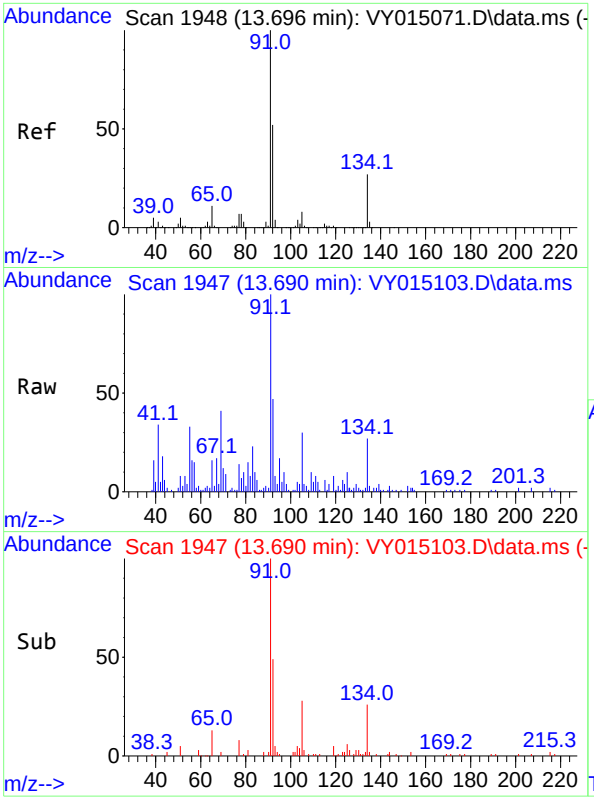


#86
p-Isopropyltoluene
Concen: 2.916 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Tgt Ion:119 Resp: 24009

Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.3	39.8
91	37.6	12.4	37.4#





#89
n-Butylbenzene
Concen: 1.585 ug/l
RT: 13.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY015103.D
Acq: 15 Aug 2023 15:06

Instrument :
MSVOA_Y
ClientSampleId :
B-PP24A

Tgt Ion: 91 Resp: 12304

Ion	Ratio	Lower	Upper
91	100		
92	45.9	25.4	76.0
134	0.0	12.6	37.6#