Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
Data File : VY011255.D
Acq On : 02 Nov 2022 12:25
Operator : KP/MD
Sample : N5337-03
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Quant Time: Nov 03 05:13:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 01 11:56:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.783	168	47586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	78734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	35746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28571	56.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.280%			
35) Dibromofluoromethane	7.716	113	29966	59.237	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 118.480%			
50) Toluene-d8	10.179	98	85825	43.698	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.400%			
62) 4-Bromofluorobenzene	12.477	95	36685	53.803	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.600%			
Target Compounds						Qvalue
16) Acetone	3.948	43	2876	18.721	ug/l #	79
73) Isopropylbenzene	12.331	105	8880	3.323	ug/l	93
78) n-propylbenzene	12.666	91	23029	7.042	ug/l	98
85) sec-Butylbenzene	13.251	105	56833	19.671	ug/l #	71
89) n-Butylbenzene	13.690	91	47886	21.294	ug/l #	70

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

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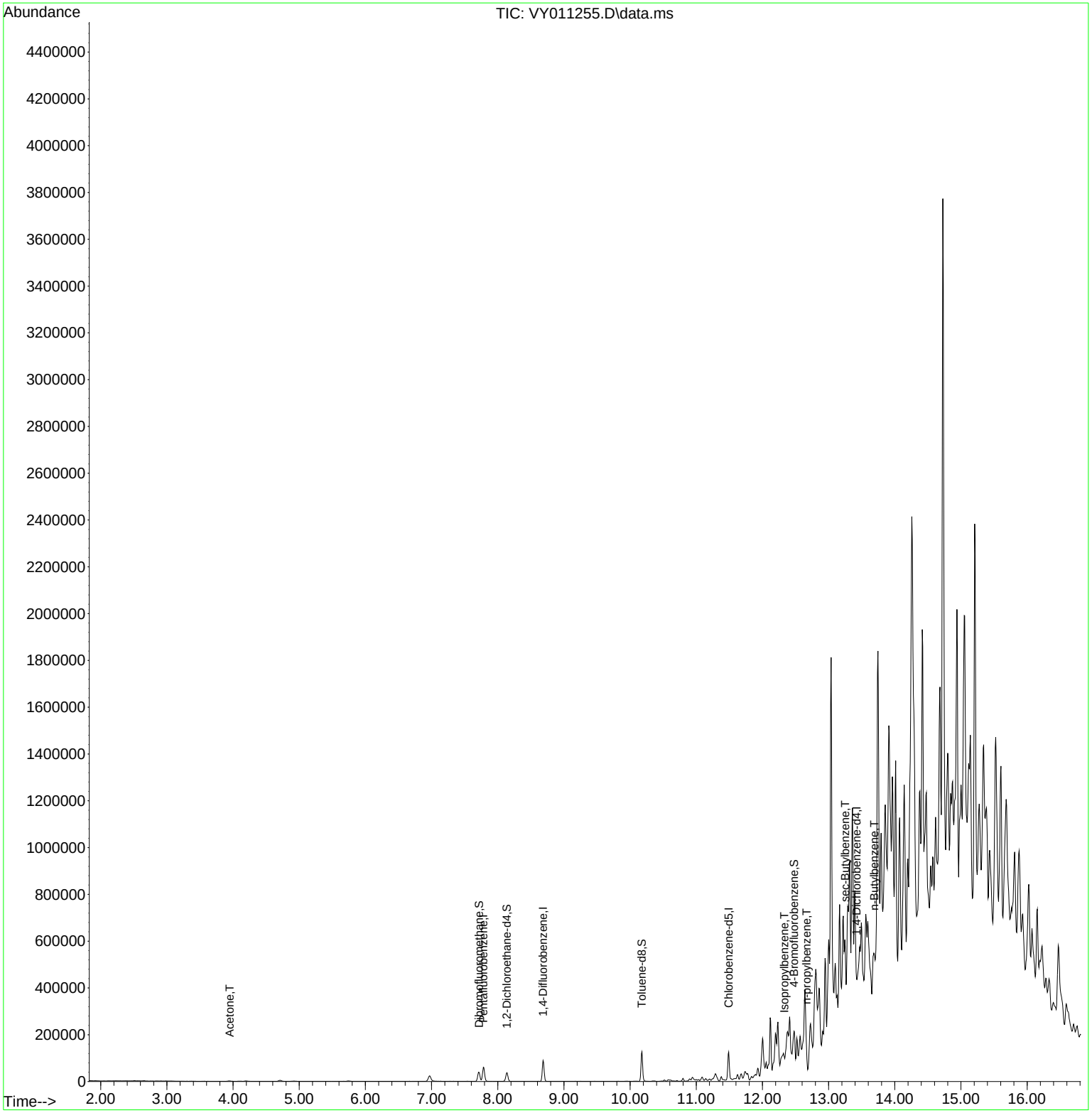
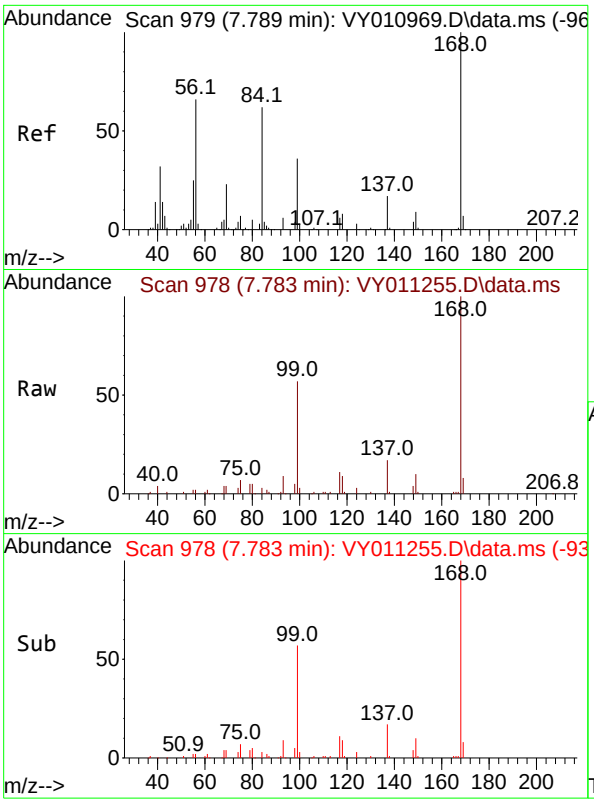


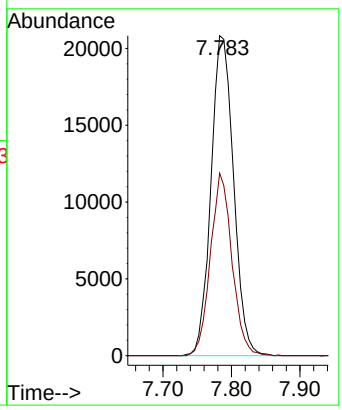


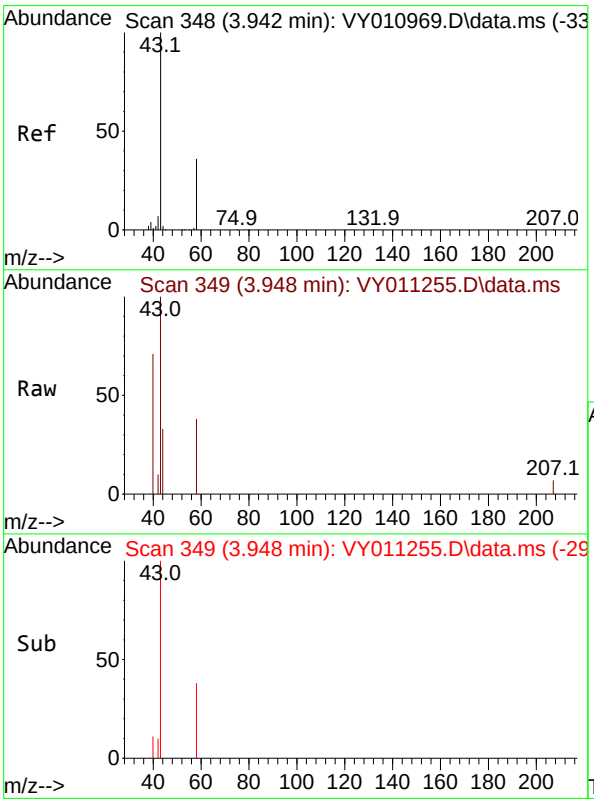
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion:168 Resp: 47586

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.9	70.3

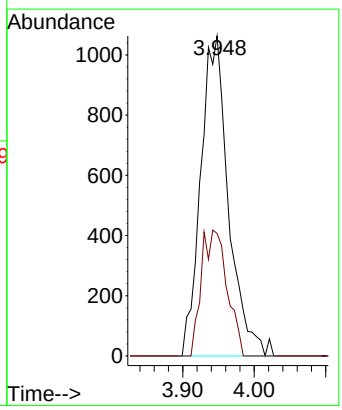


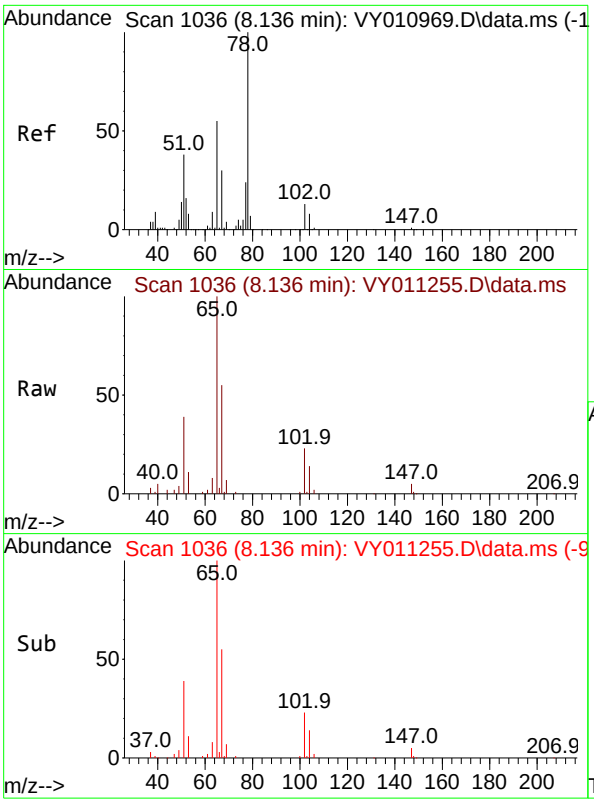


#16
Acetone
Concen: 18.721 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Tgt Ion: 43 Resp: 2876

Ion	Ratio	Lower	Upper
43	100		
58	38.3	22.0	33.0#



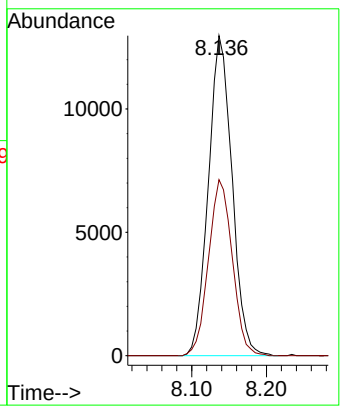


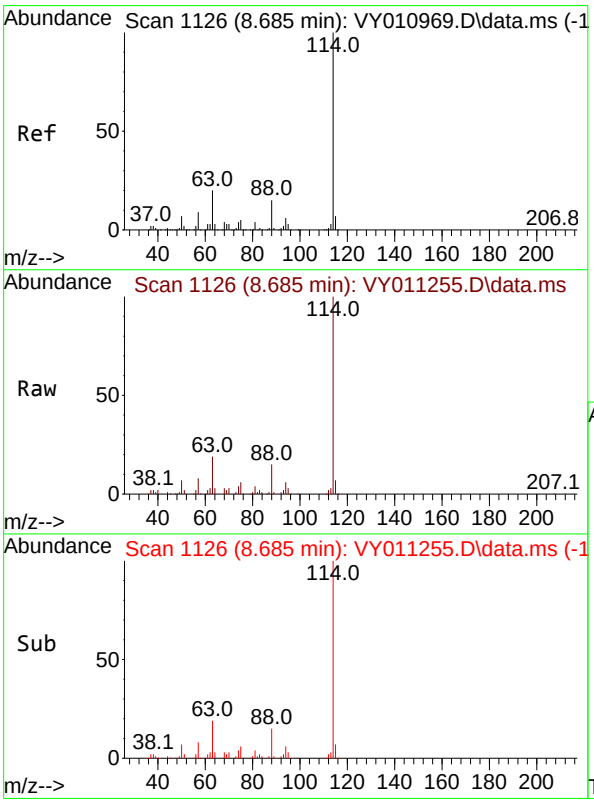
#33
1,2-Dichloroethane-d4
Concen: 56.139 ug/l
RT: 8.136 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion: 65 Resp: 28571

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	99.4

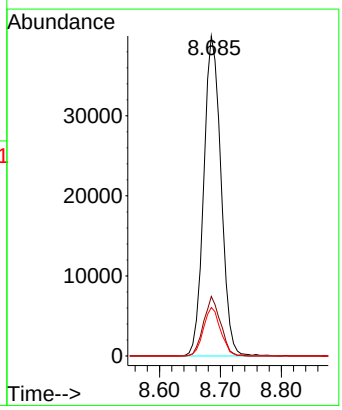


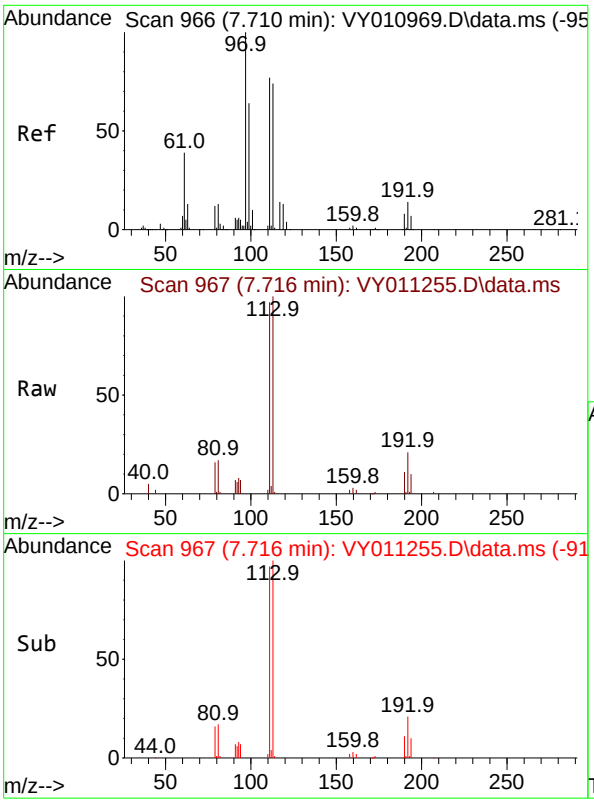


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Tgt Ion:114 Resp: 78734

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	43.2
88	15.2	0.0	31.8



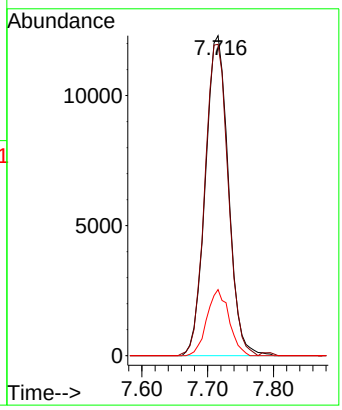


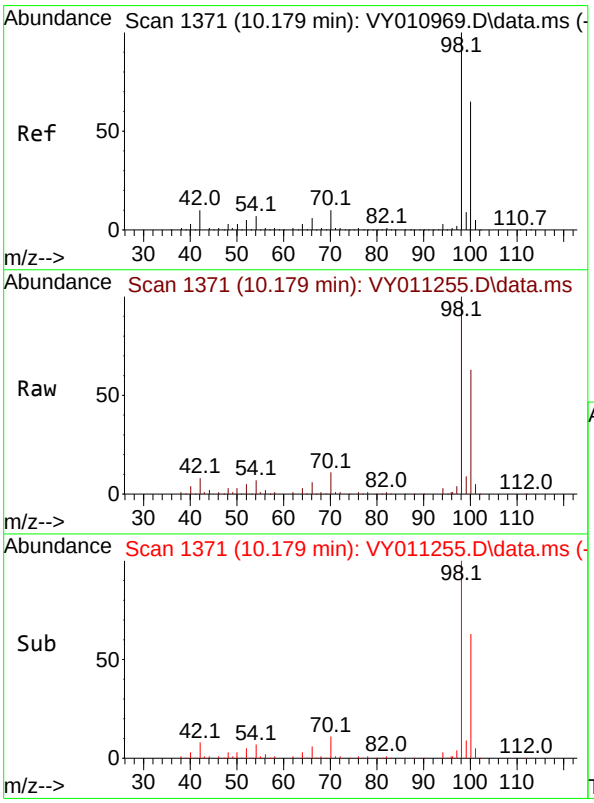
#35
Dibromofluoromethane
Concen: 59.237 ug/l
RT: 7.716 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion:113 Resp: 29966

Ion	Ratio	Lower	Upper
113	100		
111	98.6	82.6	124.0
192	19.9	17.6	26.4

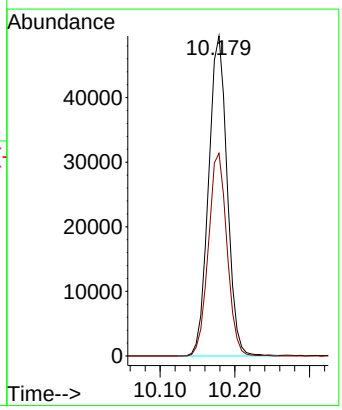


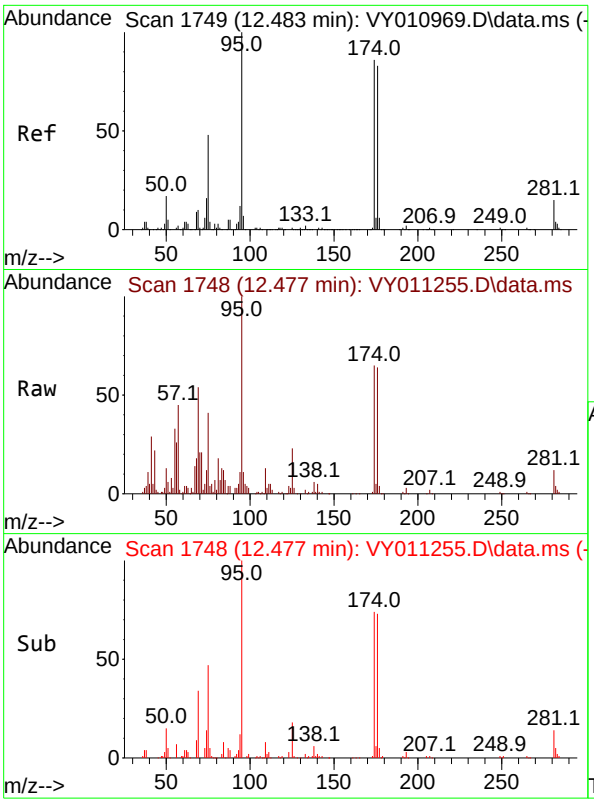


#50
Toluene-d8
Concen: 43.698 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Tgt Ion: 98 Resp: 85825

Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.2	75.2



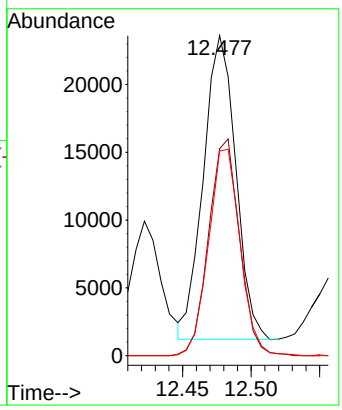


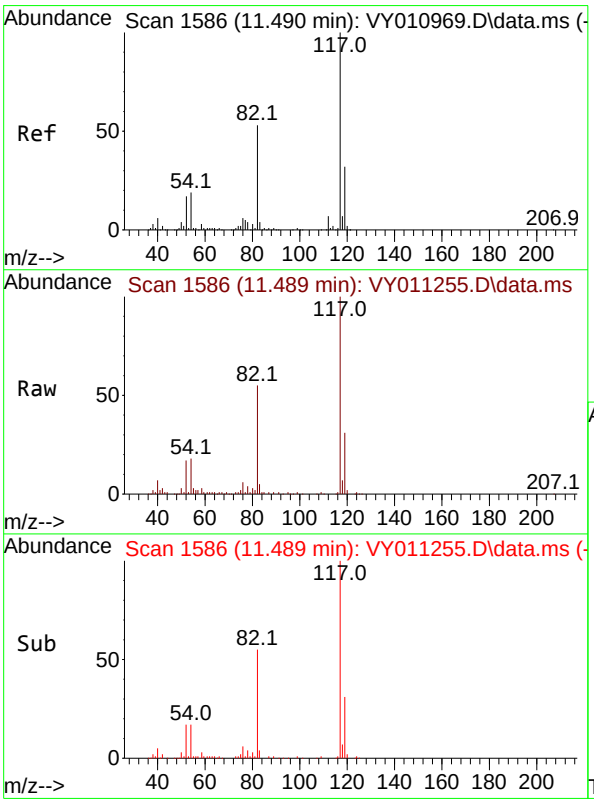
#62
4-Bromofluorobenzene
Concen: 53.803 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion: 95 Resp: 36685

Ion	Ratio	Lower	Upper
95	100		
174	68.4	0.0	177.0
176	66.9	0.0	175.8

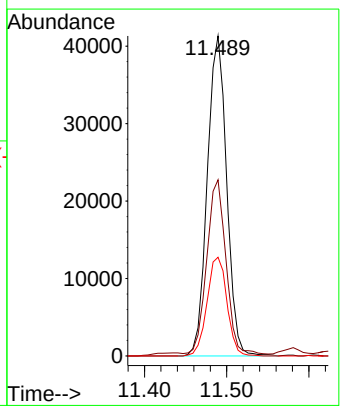


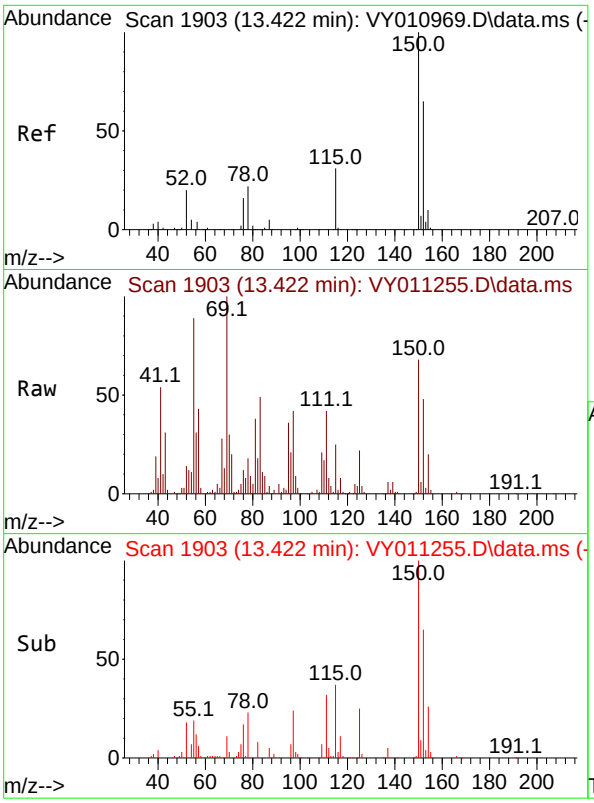


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Tgt Ion:117 Resp: 67551

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	30.8	25.4	38.0



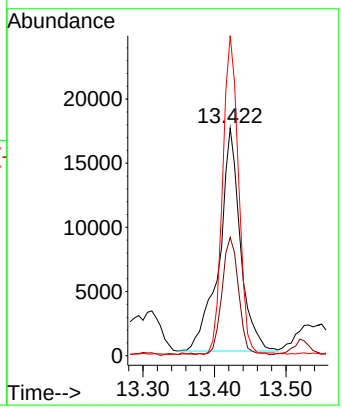


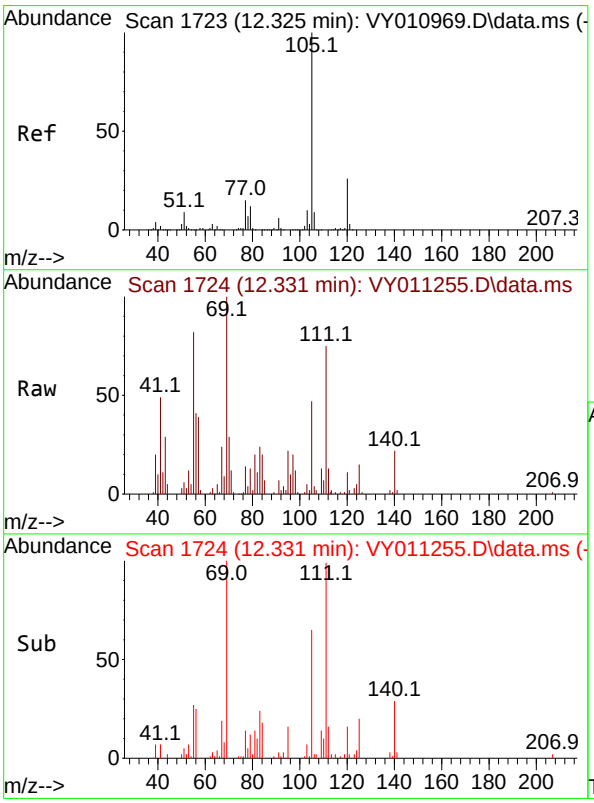
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion:152 Resp: 35746

Ion	Ratio	Lower	Upper
152	100		
115	41.2	28.2	84.7
150	107.7	0.0	347.6

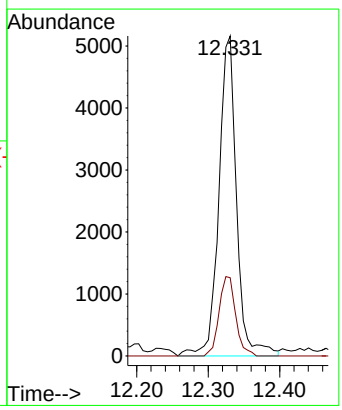


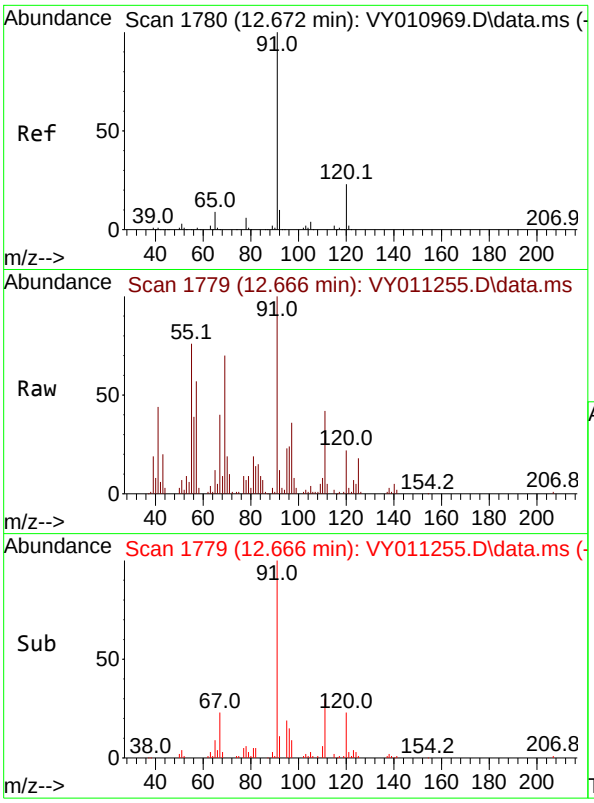


#73
Isopropylbenzene
Concen: 3.323 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Tgt Ion:105 Resp: 8880

Ion	Ratio	Lower	Upper
105	100		
120	23.2	13.4	40.2



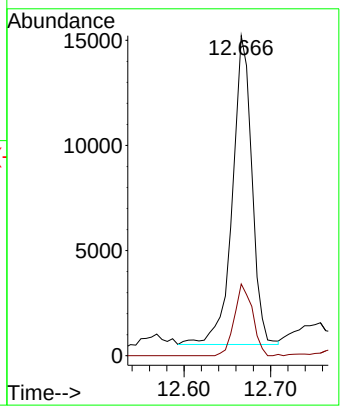


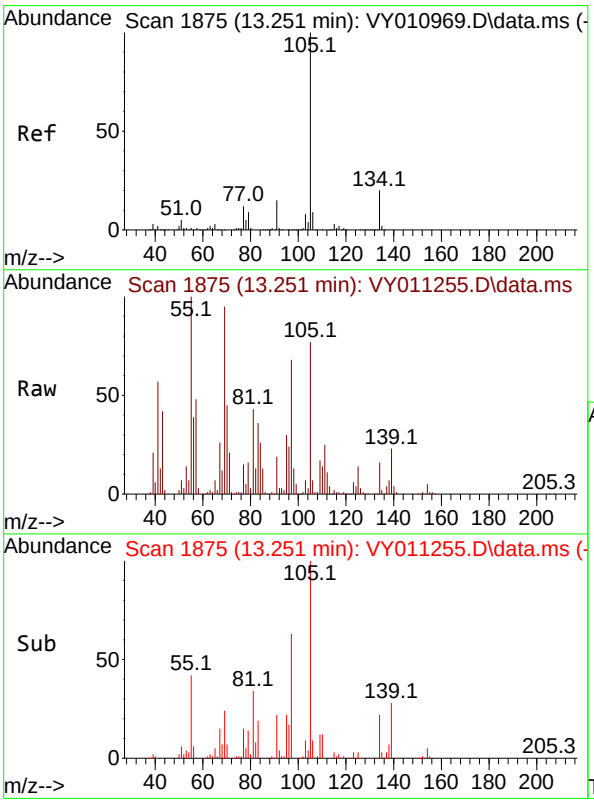
#78
n-propylbenzene
Concen: 7.042 ug/l
RT: 12.666 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion: 91 Resp: 23029

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.3	33.9

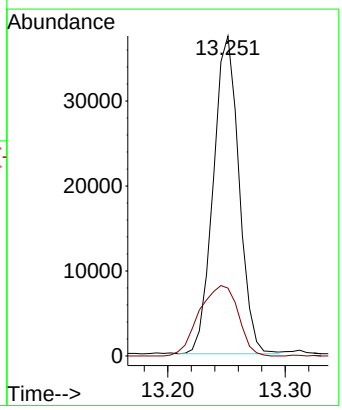


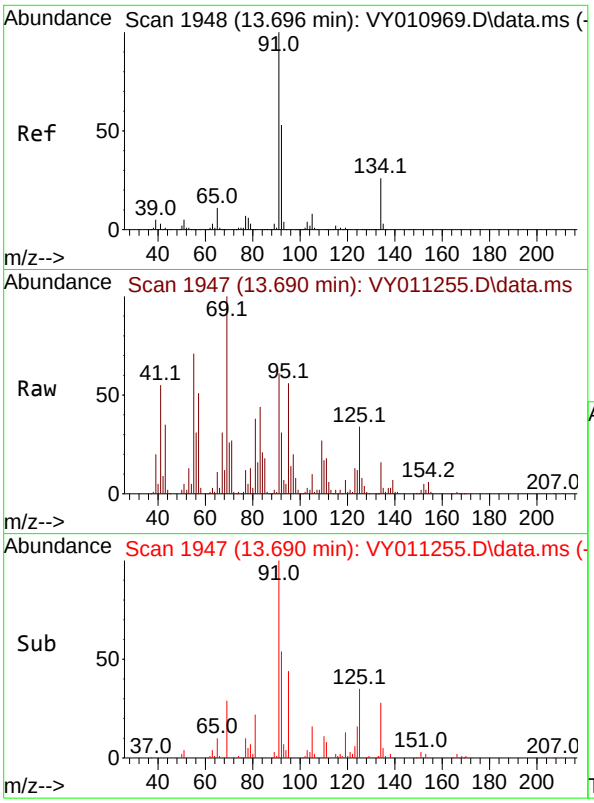


#85
sec-Butylbenzene
Concen: 19.671 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Tgt Ion:105 Resp: 56833

Ion	Ratio	Lower	Upper
105	100		
134	33.6	10.2	30.4#





#89
n-Butylbenzene
Concen: 21.294 ug/l
RT: 13.690 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY011255.D
Acq: 02 Nov 2022 12:25

Instrument :
MSVOA_Y
ClientSampleId :
SB-02-11.5-12.0

Tgt Ion: 91 Resp: 47886

Ion	Ratio	Lower	Upper
91	100		
92	46.4	26.3	78.9
134	63.2	13.0	38.9#