Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
Data File : VY011205.D
Acq On : 31 Oct 2022 18:19
Operator : KP/MD
Sample : N5371-07
Misc : 7.53g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Quant Time: Nov 01 02:45:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
Quant Title : SW846 8260
QLast Update : Fri Oct 28 23:42:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	230900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	151513	63.460	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.920%			
35) Dibromofluoromethane	7.710	113	149487	59.605	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.200%			
50) Toluene-d8	10.179	98	543963	54.748	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.500%			
62) 4-Bromofluorobenzene	12.483	95	173965	53.510	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.020%			
Target Compounds						Qvalue
16) Acetone	3.942	43	28086	48.079	ug/l #	86
20) Methylene Chloride	4.710	84	34264	8.621	ug/l	87
25) 2-Butanone	6.978	43	6964	8.316	ug/l	91

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

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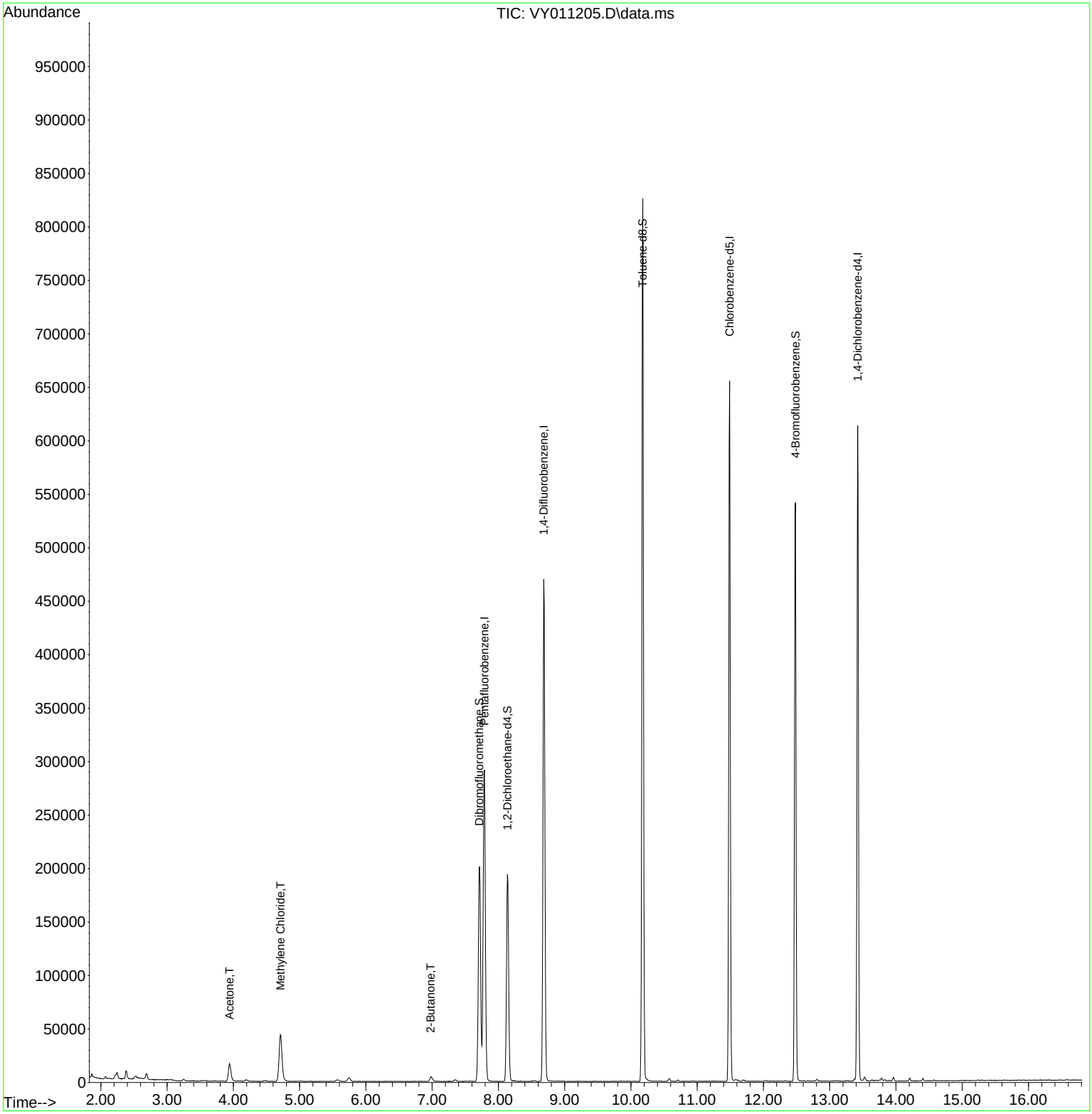
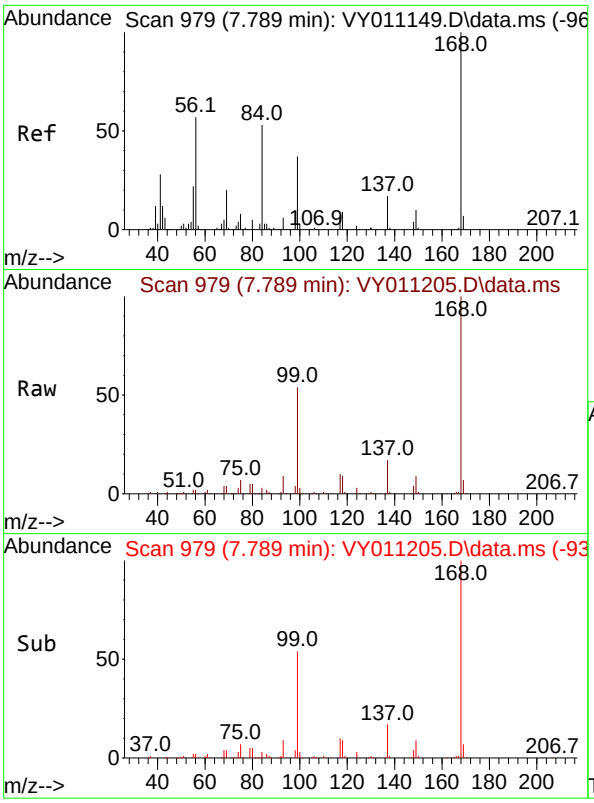


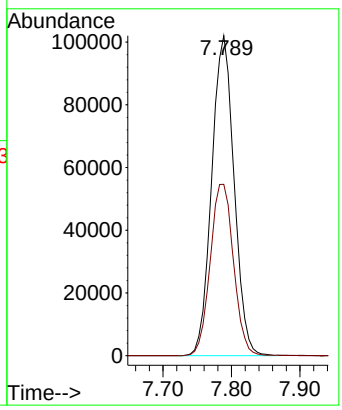


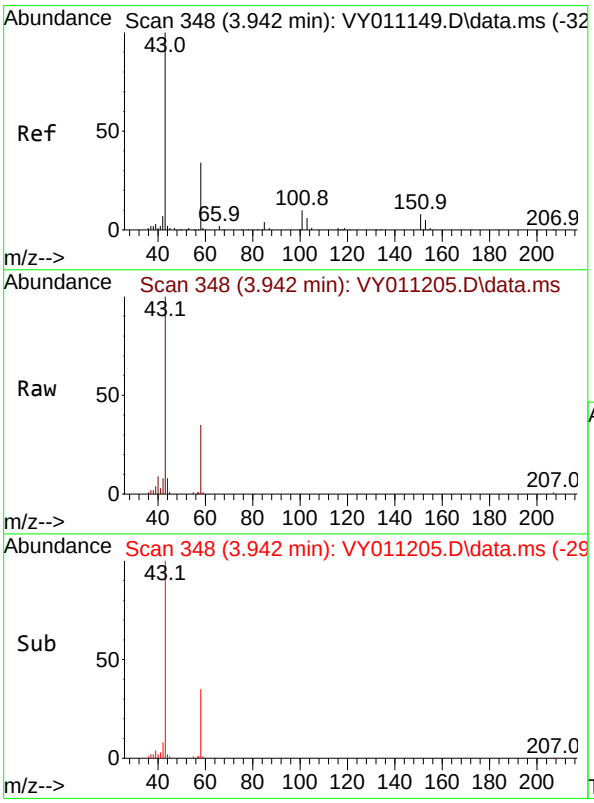
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Tgt Ion:168 Resp: 230900

Ion	Ratio	Lower	Upper
168	100		
99	53.6	46.9	70.3

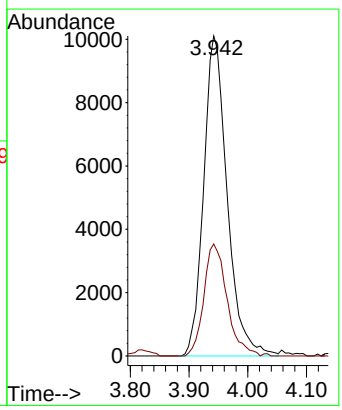


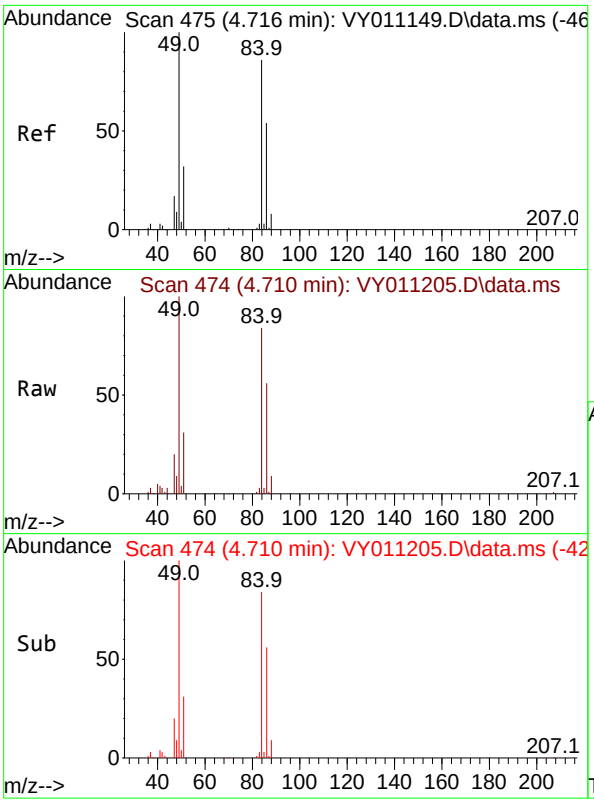


#16
Acetone
Concen: 48.079 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Tgt Ion: 43 Resp: 28086

Ion	Ratio	Lower	Upper
43	100		
58	35.0	22.0	33.0#



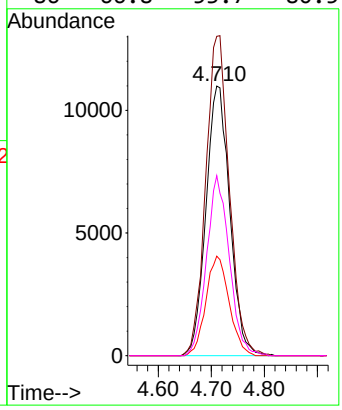


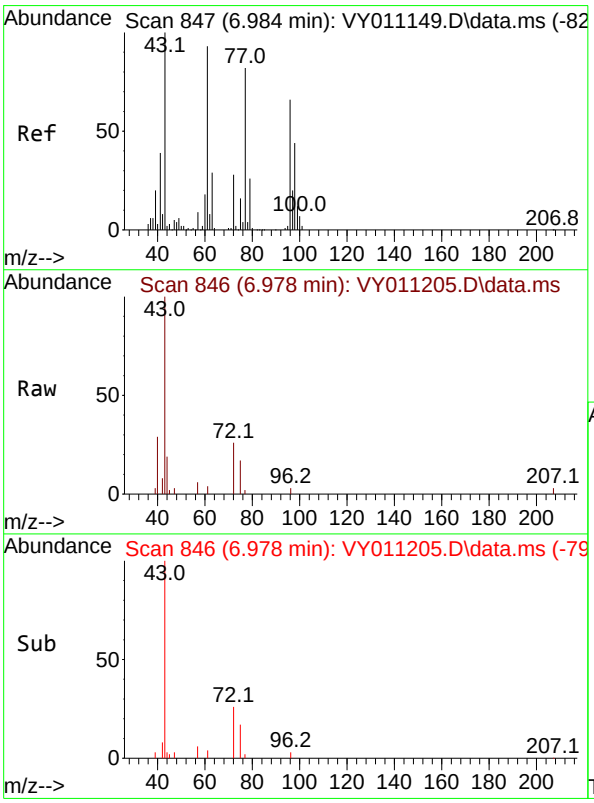
#20
Methylene Chloride
Concen: 8.621 ug/l
RT: 4.710 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Tgt Ion: 84 Resp: 34264

Ion	Ratio	Lower	Upper
84	100		
49	118.5	114.4	171.6
51	36.9	35.3	52.9
86	66.8	53.7	80.5

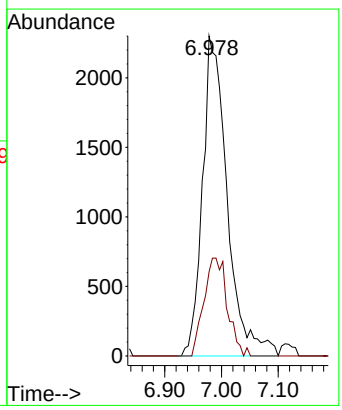


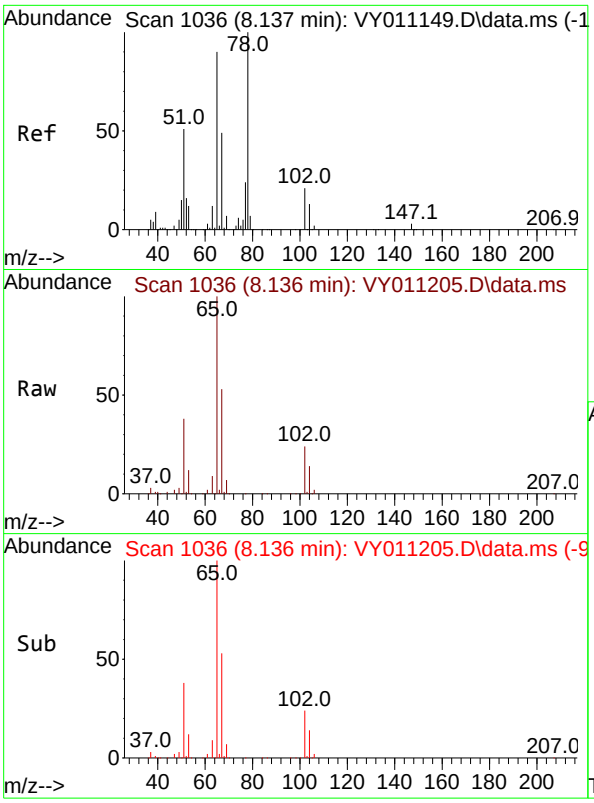


#25
2-Butanone
Concen: 8.316 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Tgt Ion: 43 Resp: 6964

Ion	Ratio	Lower	Upper
43	100		
72	26.3	17.7	26.5



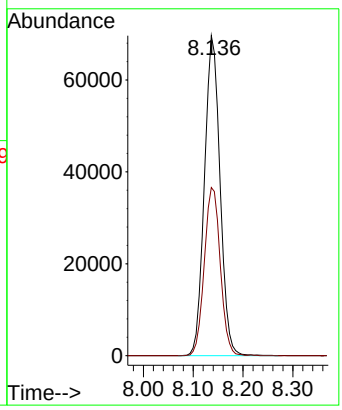


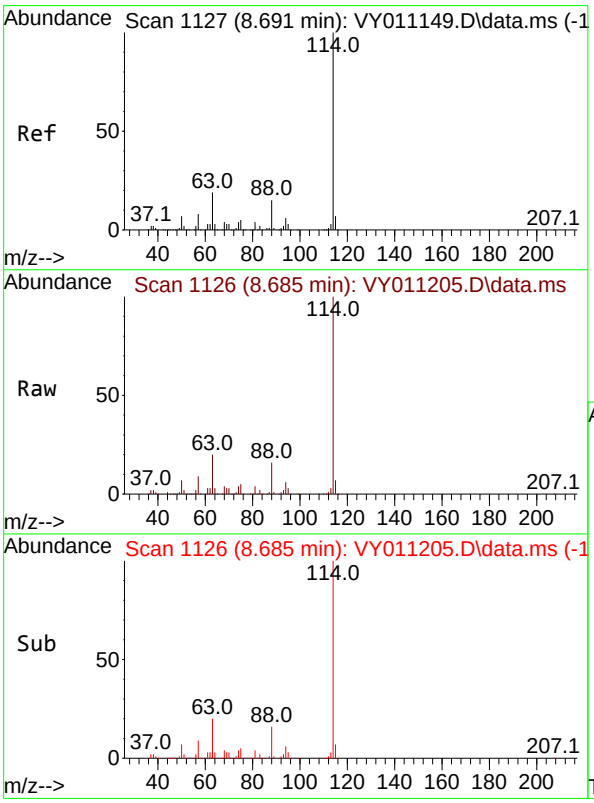
#33
1,2-Dichloroethane-d4
Concen: 63.460 ug/l
RT: 8.136 min Scan# 1
Delta R.T. -0.001 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Tgt Ion: 65 Resp: 151513

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	99.4

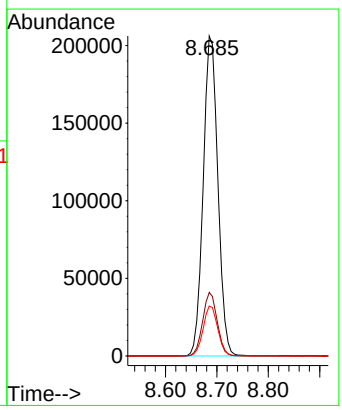


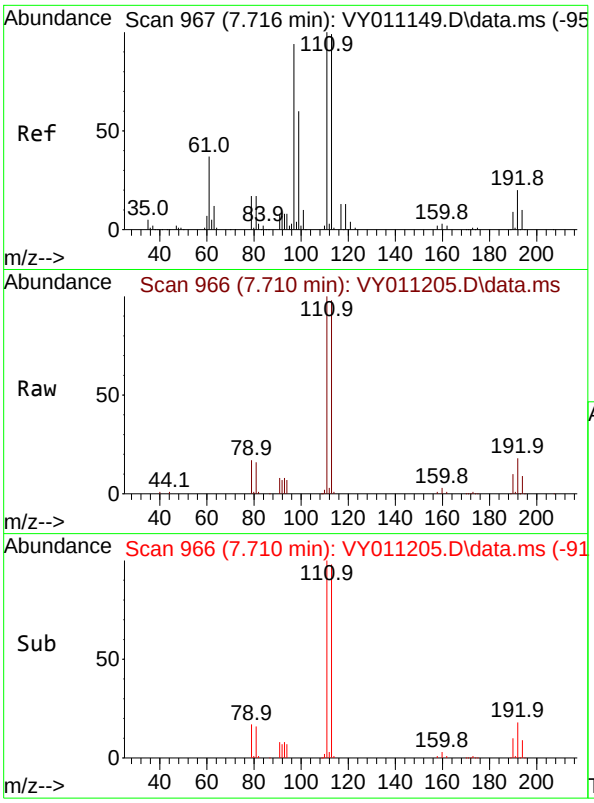


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Tgt Ion:114 Resp: 407826

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.2
88	15.6	0.0	31.8



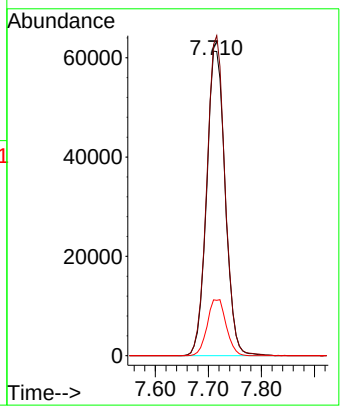


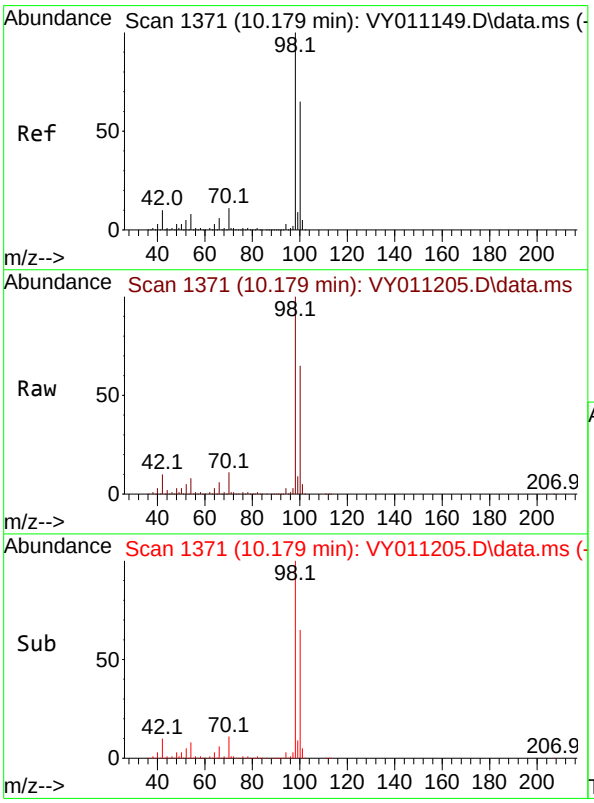
#35
Dibromofluoromethane
Concen: 59.605 ug/l
RT: 7.710 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Tgt Ion:113 Resp: 149487

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	124.0
192	18.8	17.6	26.4

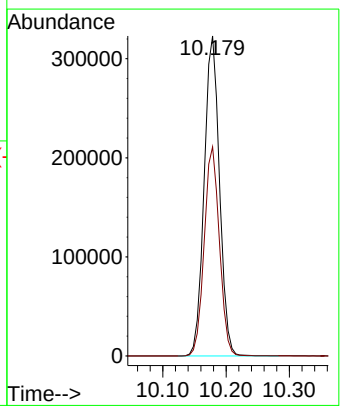


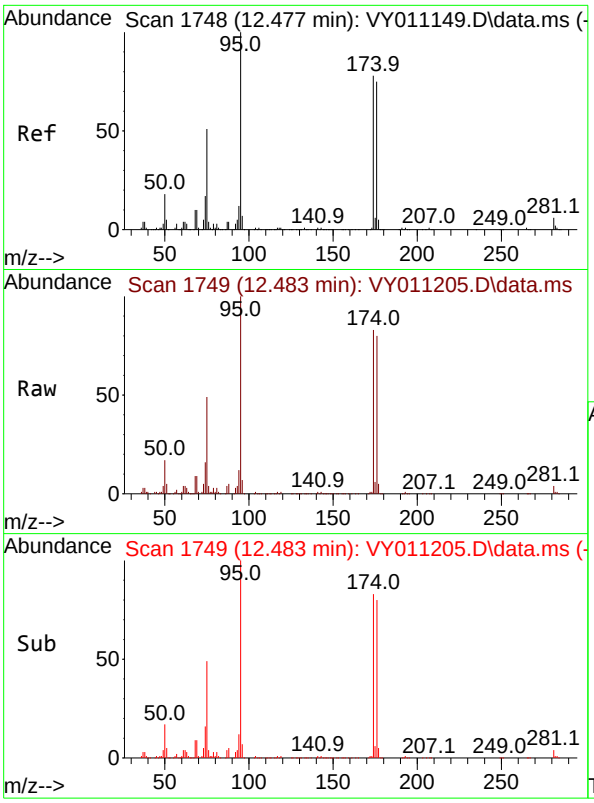


#50
Toluene-d8
Concen: 54.748 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Tgt Ion: 98 Resp: 543963

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.2	75.2



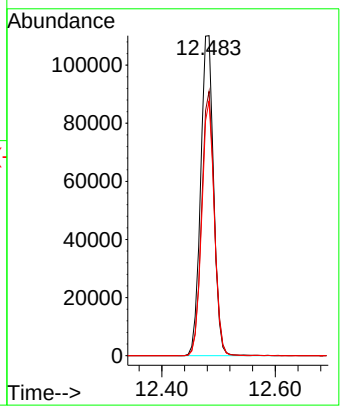


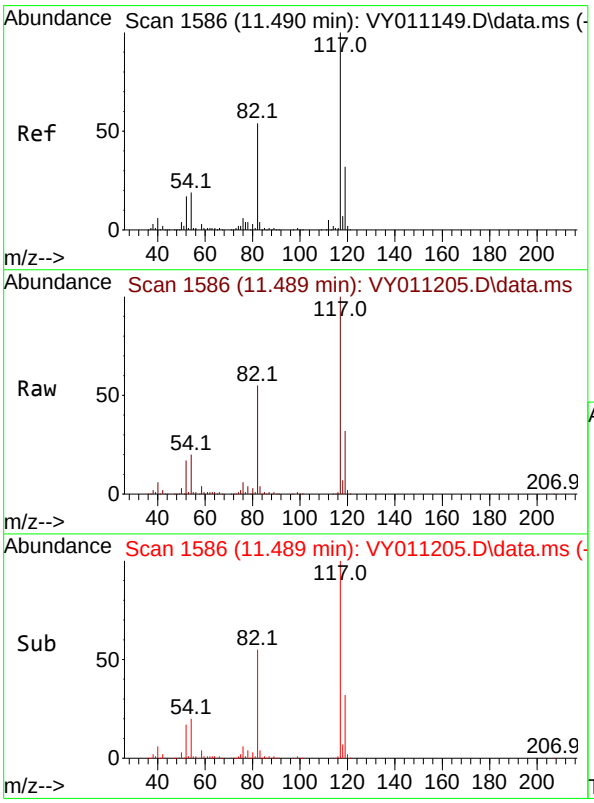
#62
4-Bromofluorobenzene
Concen: 53.510 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Tgt Ion: 95 Resp: 173965

Ion	Ratio	Lower	Upper
95	100		
174	81.1	0.0	177.0
176	77.5	0.0	175.8

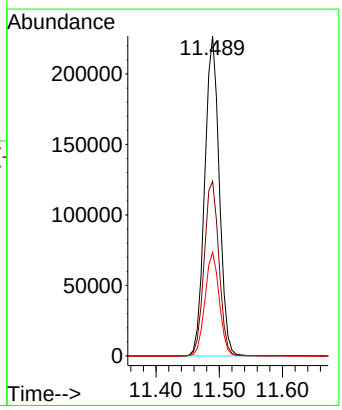


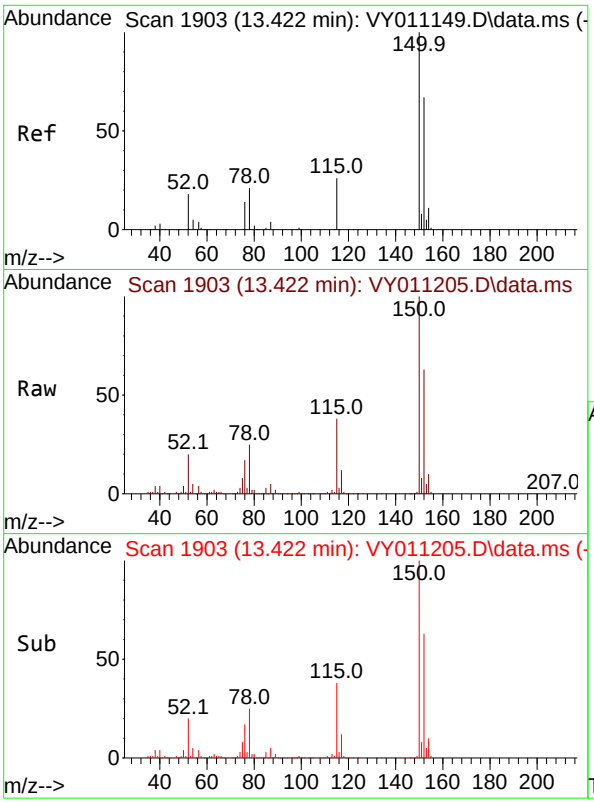


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011205.D
Acq: 31 Oct 2022 18:19

Tgt Ion:117 Resp: 362578

Ion	Ratio	Lower	Upper
117	100		
82	54.6	43.0	64.4
119	32.4	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: VY011205.D
Acq: 31 Oct 2022 18:19

Instrument :
MSVOA_Y
ClientSampleId :
MH-2-WC

Tgt Ion:152 Resp: 159145

Ion	Ratio	Lower	Upper
152	100		
115	58.8	28.2	84.7
150	157.2	0.0	347.6