Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
Data File : VY016188.D
Acq On : 02 Nov 2023 14:25
Operator : SY/MD
Sample : 05214-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Quant Time: Nov 03 01:40:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	127693	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	219850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	208740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	98787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	71071	59.480	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.960%			
35) Dibromofluoromethane	7.734	113	60486	46.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.300%			
50) Toluene-d8	10.191	98	257022	49.460	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.920%			
62) 4-Bromofluorobenzene	12.489	95	91696	51.603	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.200%			
Target Compounds						Qvalue
20) Methylene Chloride	4.734	84	12493	7.703	ug/l	89
30) Chloroform	7.526	83	3159	1.387	ug/l	89
42) 1,2-Dichloroethane	8.246	62	3325	2.193	ug/l	92
52) Toluene	10.252	92	5367	1.524	ug/l	94

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

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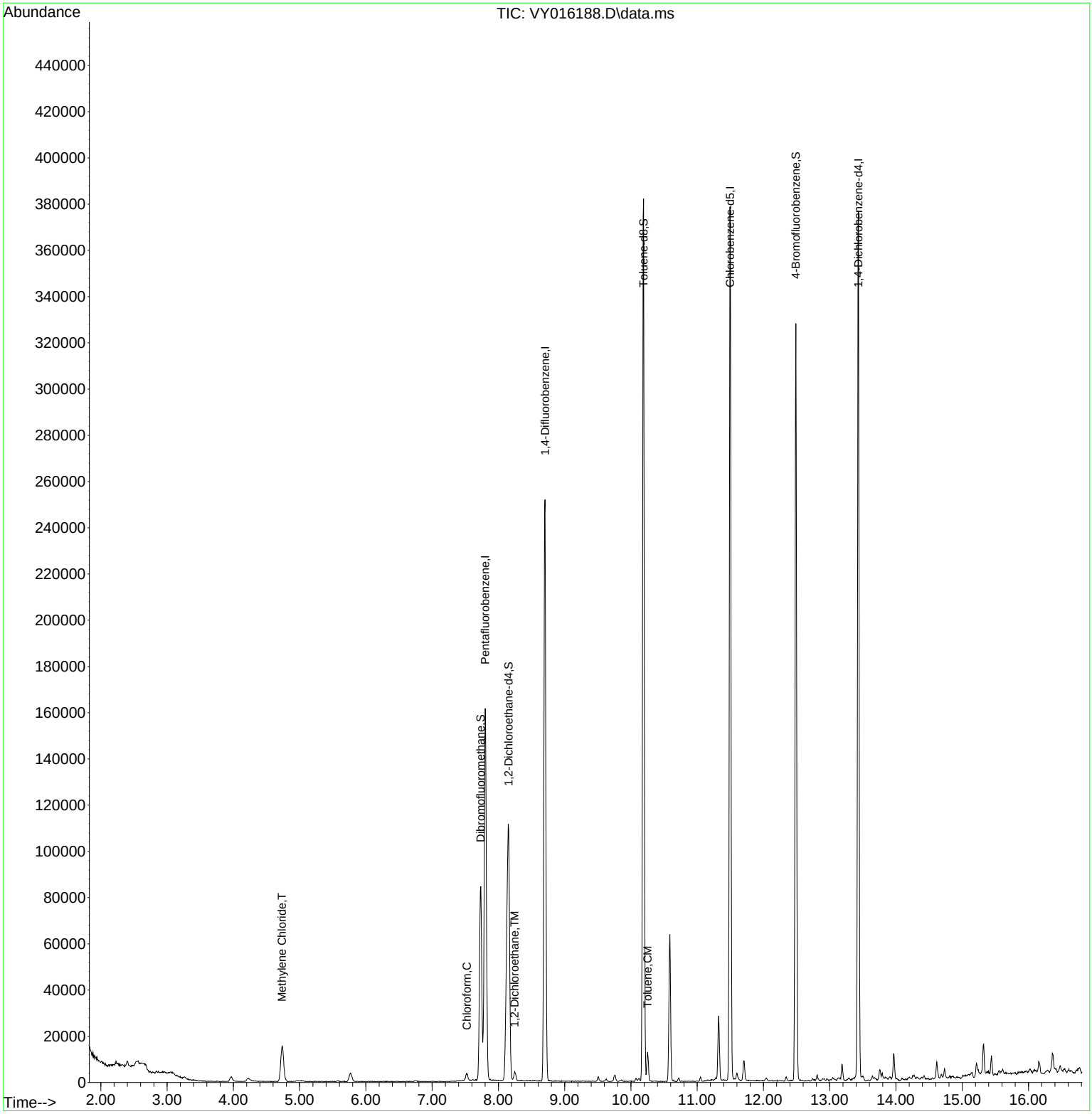
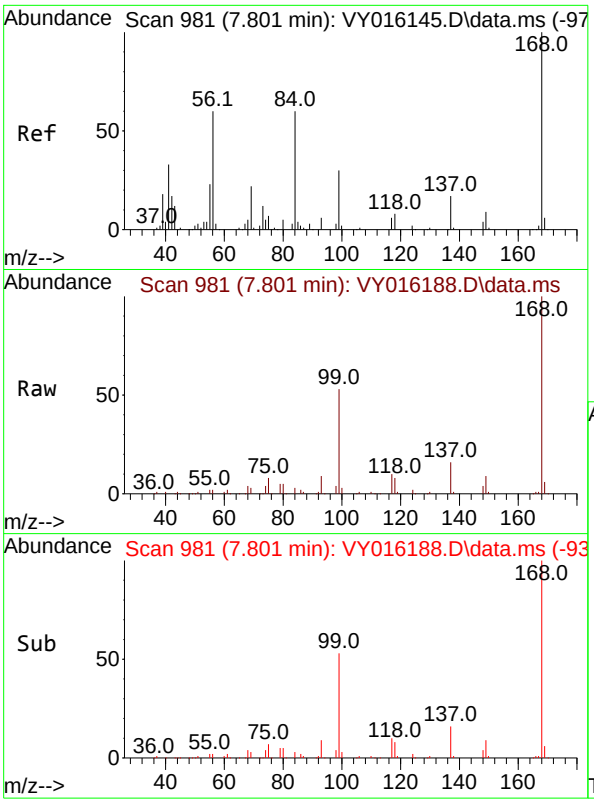


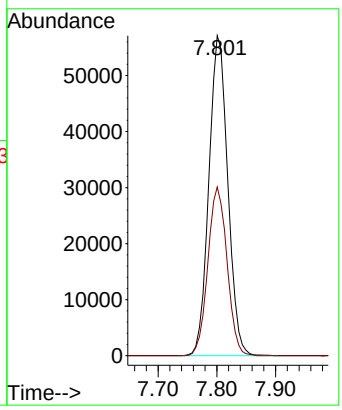


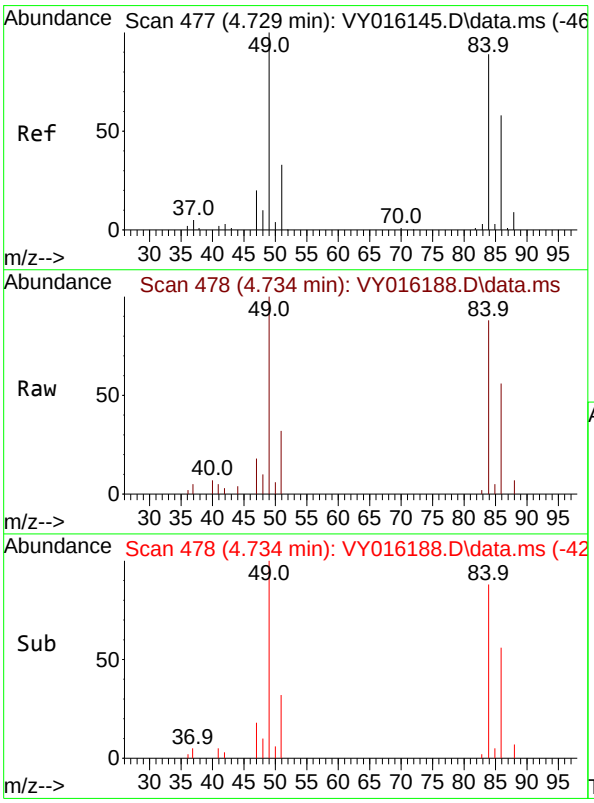
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion:168 Resp: 127693

Ion	Ratio	Lower	Upper
168	100		
99	52.7	43.4	65.0

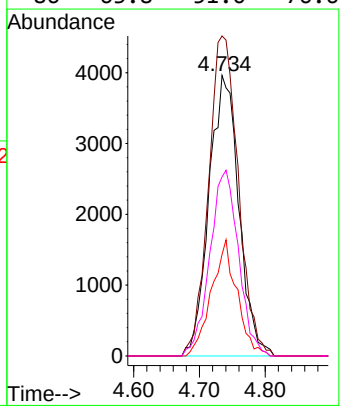


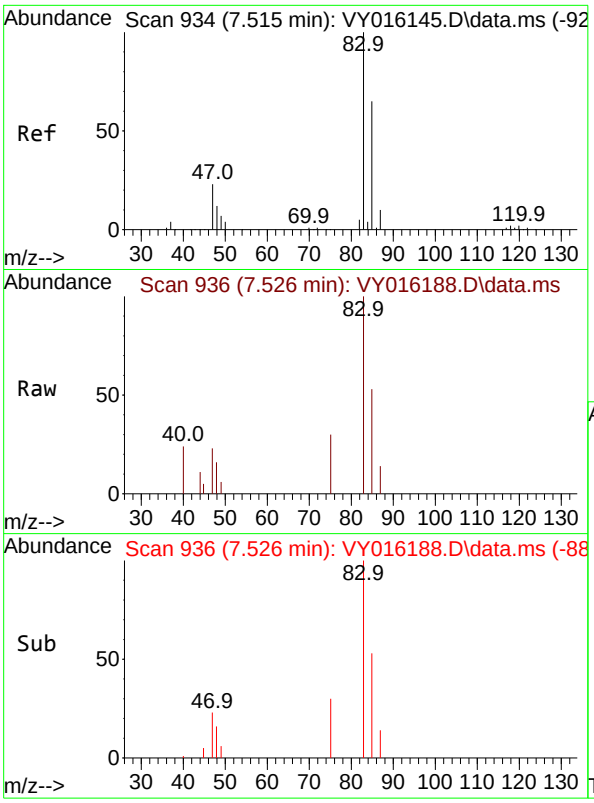


#20
Methylene Chloride
Concen: 7.703 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 84 Resp: 12493

Ion	Ratio	Lower	Upper
84	100		
49	114.1	106.9	160.3
51	36.2	33.2	49.8
86	63.8	51.0	76.6



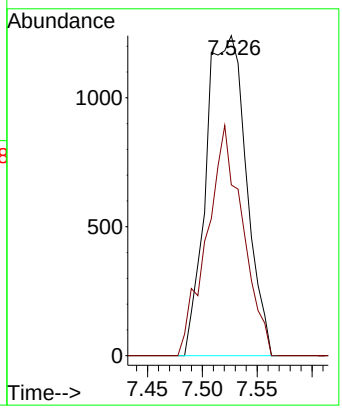


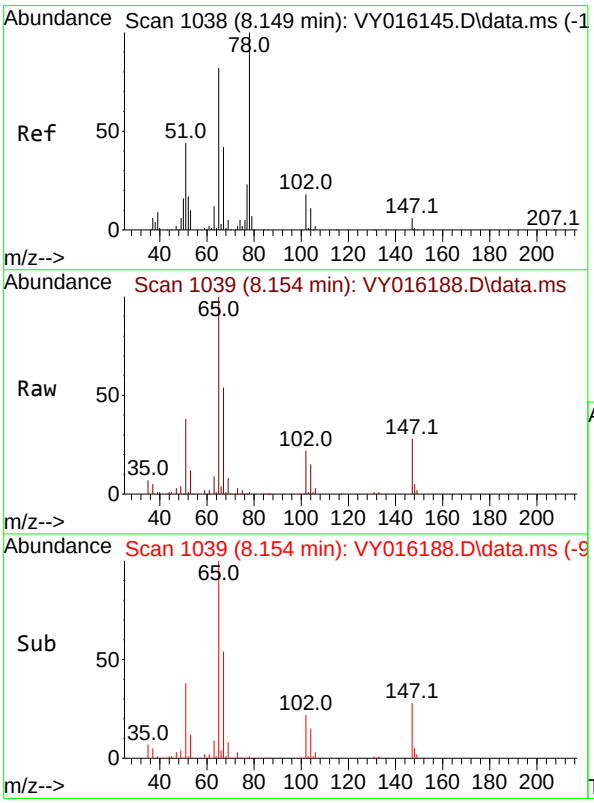
#30
Chloroform
Concen: 1.387 ug/l
RT: 7.526 min Scan# 9
Delta R.T. 0.012 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion: 83 Resp: 3159

Ion	Ratio	Lower	Upper
83	100		
85	53.3	49.7	74.5

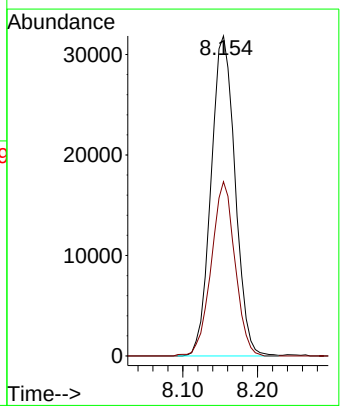


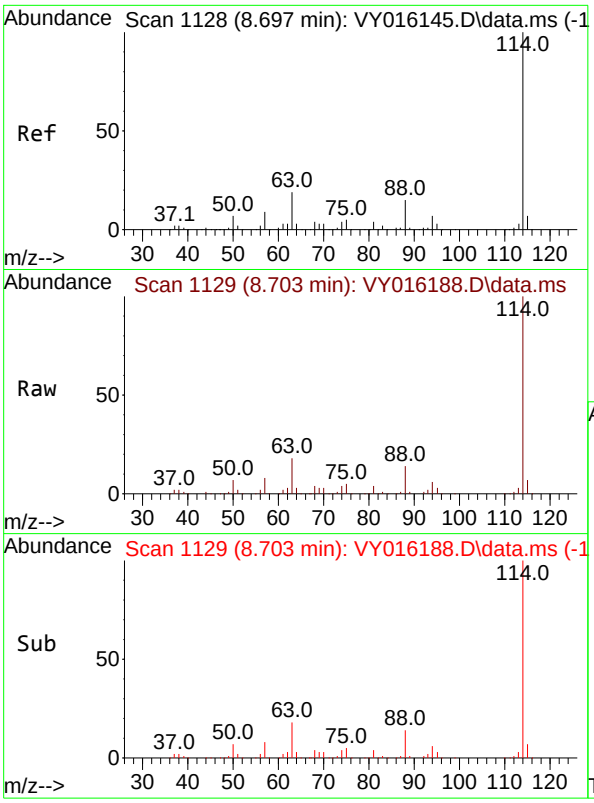


#33
1,2-Dichloroethane-d4
Concen: 59.480 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 65 Resp: 71071

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	101.8



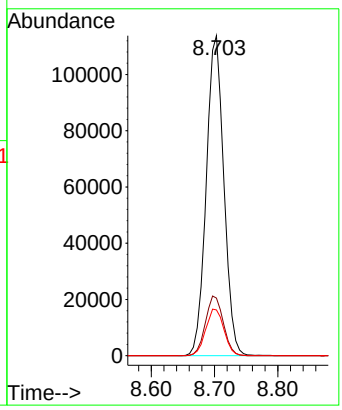


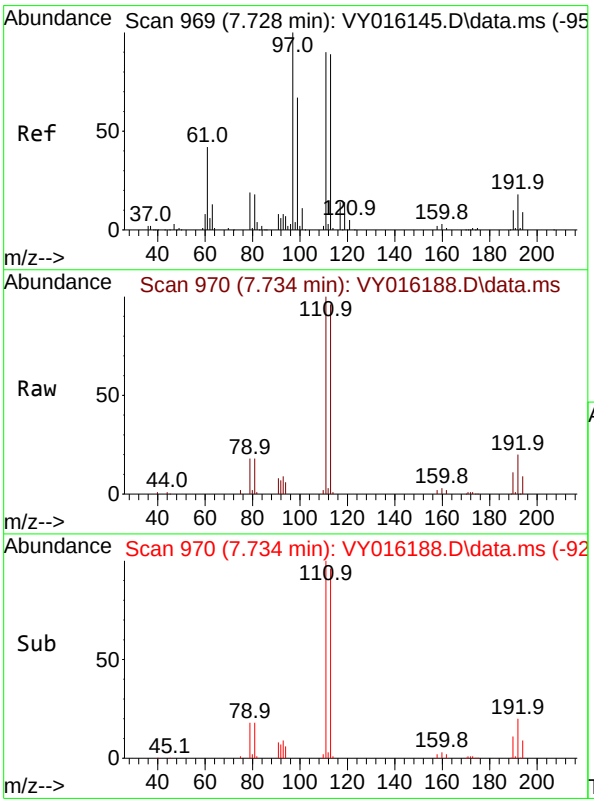
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion:114 Resp: 219850

Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	42.4
88	14.3	0.0	30.6

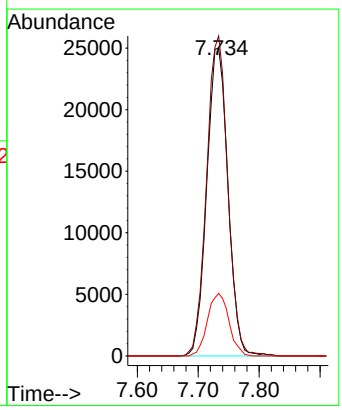


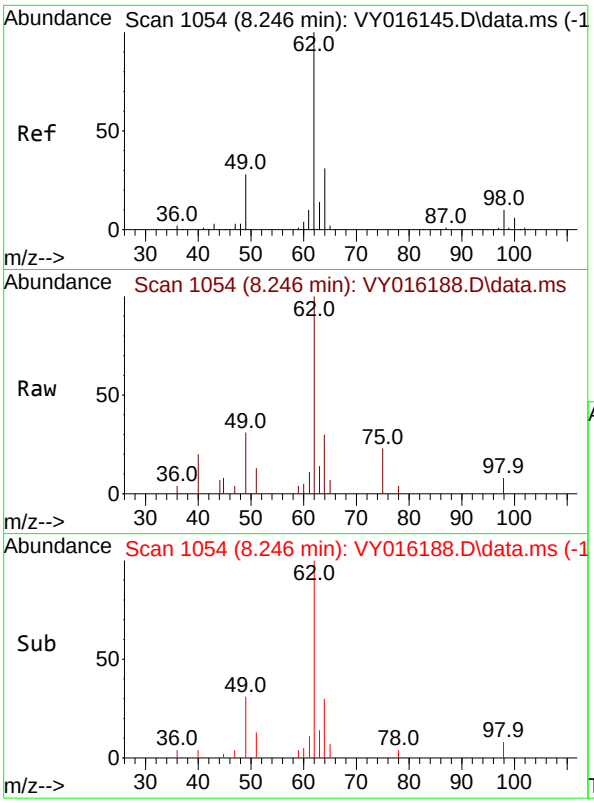


#35
Dibromofluoromethane
Concen: 46.149 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion:113 Resp: 60486

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.3	121.9
192	20.5	16.9	25.3



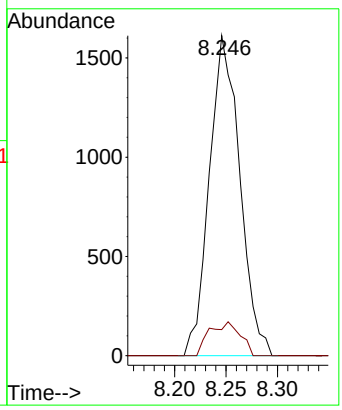


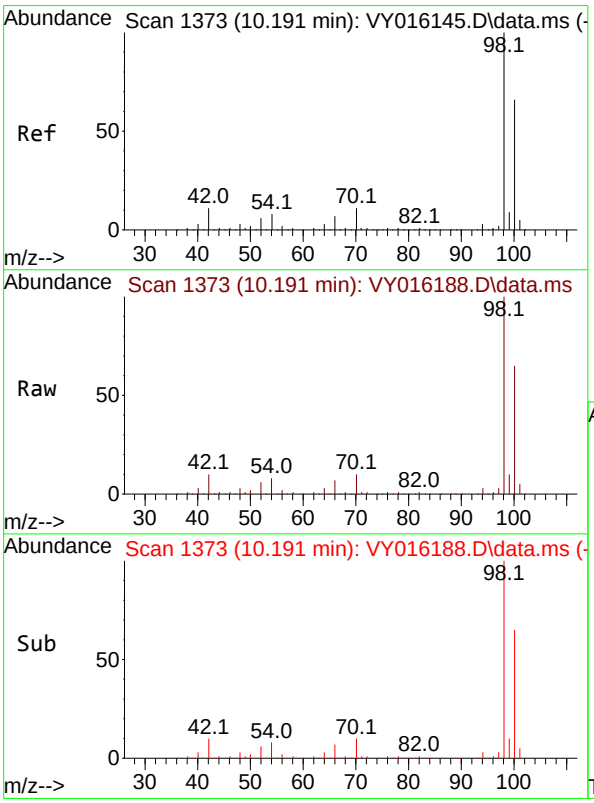
#42
1,2-Dichloroethane
Concen: 2.193 ug/l
RT: 8.246 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion: 62 Resp: 3325

Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	15.8

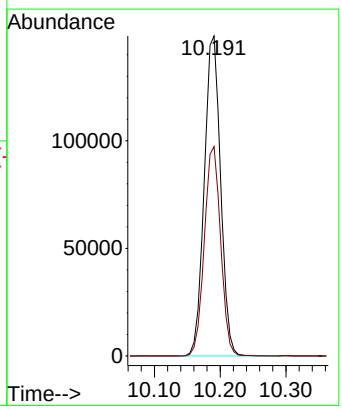


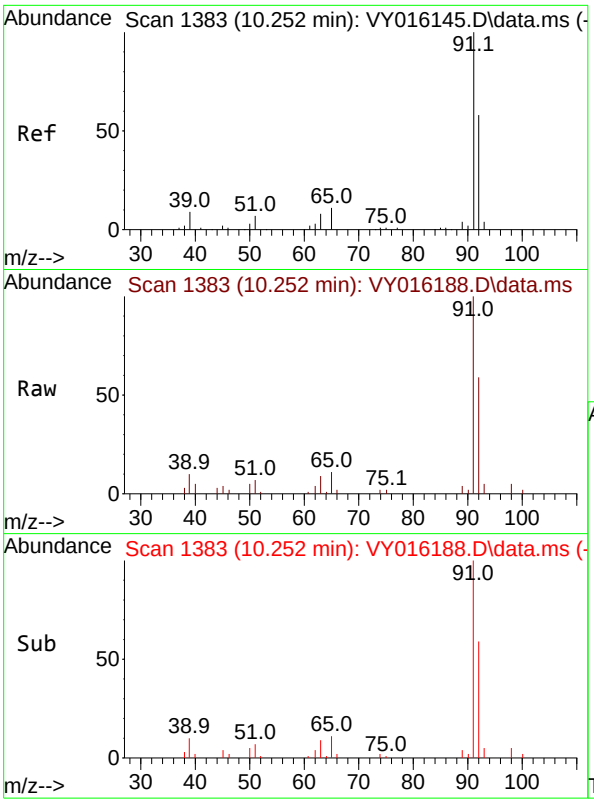


#50
Toluene-d8
Concen: 49.460 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 98 Resp: 257022

Ion	Ratio	Lower	Upper
98	100		
100	65.2	50.1	75.1



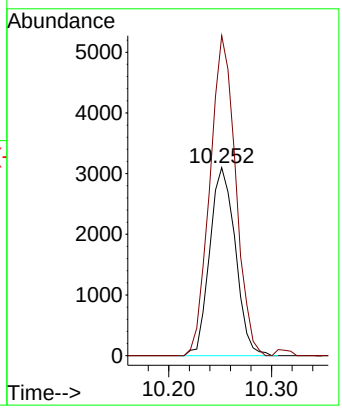


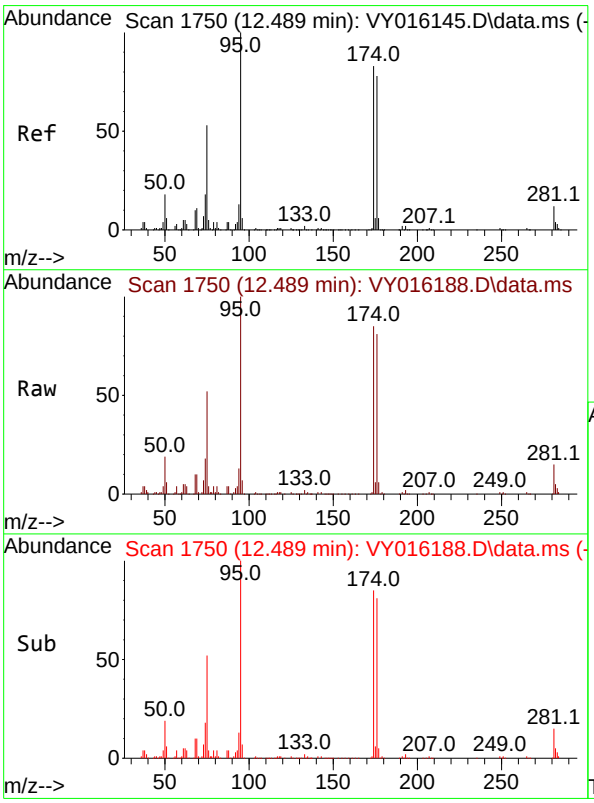
#52
Toluene
Concen: 1.524 ug/l
RT: 10.252 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion: 92 Resp: 5367

Ion	Ratio	Lower	Upper
92	100		
91	171.2	143.8	215.6

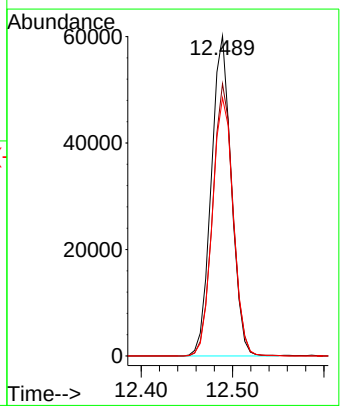


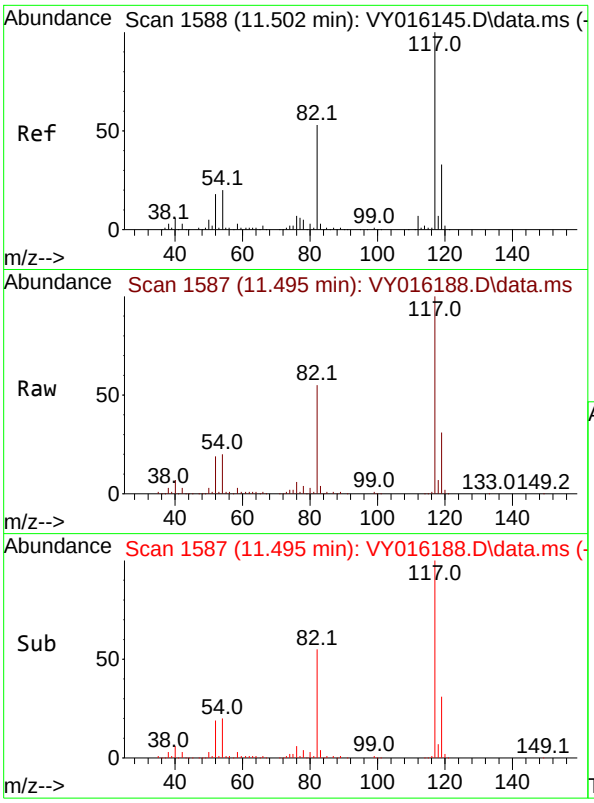


#62
4-Bromofluorobenzene
Concen: 51.603 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion: 95 Resp: 91696

Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	178.2
176	84.0	0.0	173.8



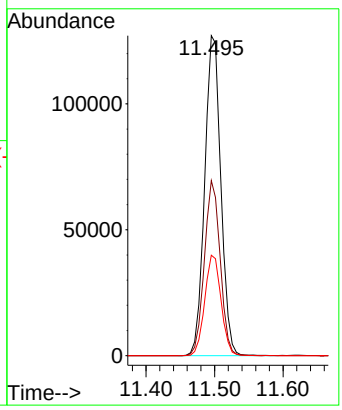


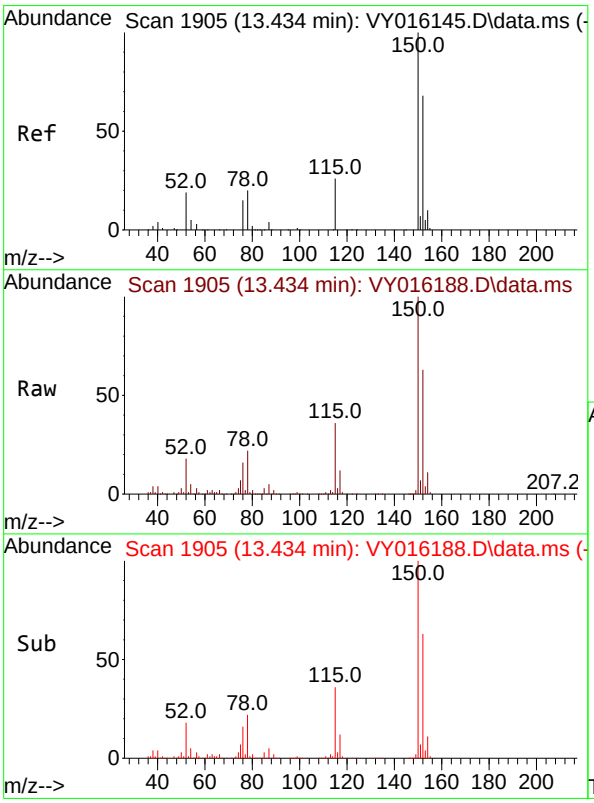
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-211

Tgt Ion:117 Resp: 208740

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.0
119	31.4	26.3	39.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016188.D
Acq: 02 Nov 2023 14:25

Tgt Ion:152 Resp: 98787

Ion	Ratio	Lower	Upper
152	100		
115	57.6	28.8	86.5
150	157.6	0.0	348.8