Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072296.D
Acq On : 18 Mar 2022 18:11
Operator : VA/SY
Sample : N1994-13
Misc : 5.06G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Quant Time: Mar 19 05:26:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.967	168	874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	717	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	289	29.671	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 59.340%			
35) Dibromofluoromethane	7.920	113	447	69.346	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 138.700%			
50) Toluene-d8	10.332	98	1233	52.313	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.620%			
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount 50.000	Range 25 - 144		Recovery = 0.000%#			
Target Compounds						Qvalue
6) Chloroethane	2.985	64	60	13.088	ug/l #	42
12) 1,1-Dichloroethene	3.909	96	56	6.972	ug/l #	1
23) Vinyl Acetate	6.415	43	139	8.502	ug/l #	75
43) Isopropyl Acetate	8.426	43	59	7.674	ug/l #	54

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

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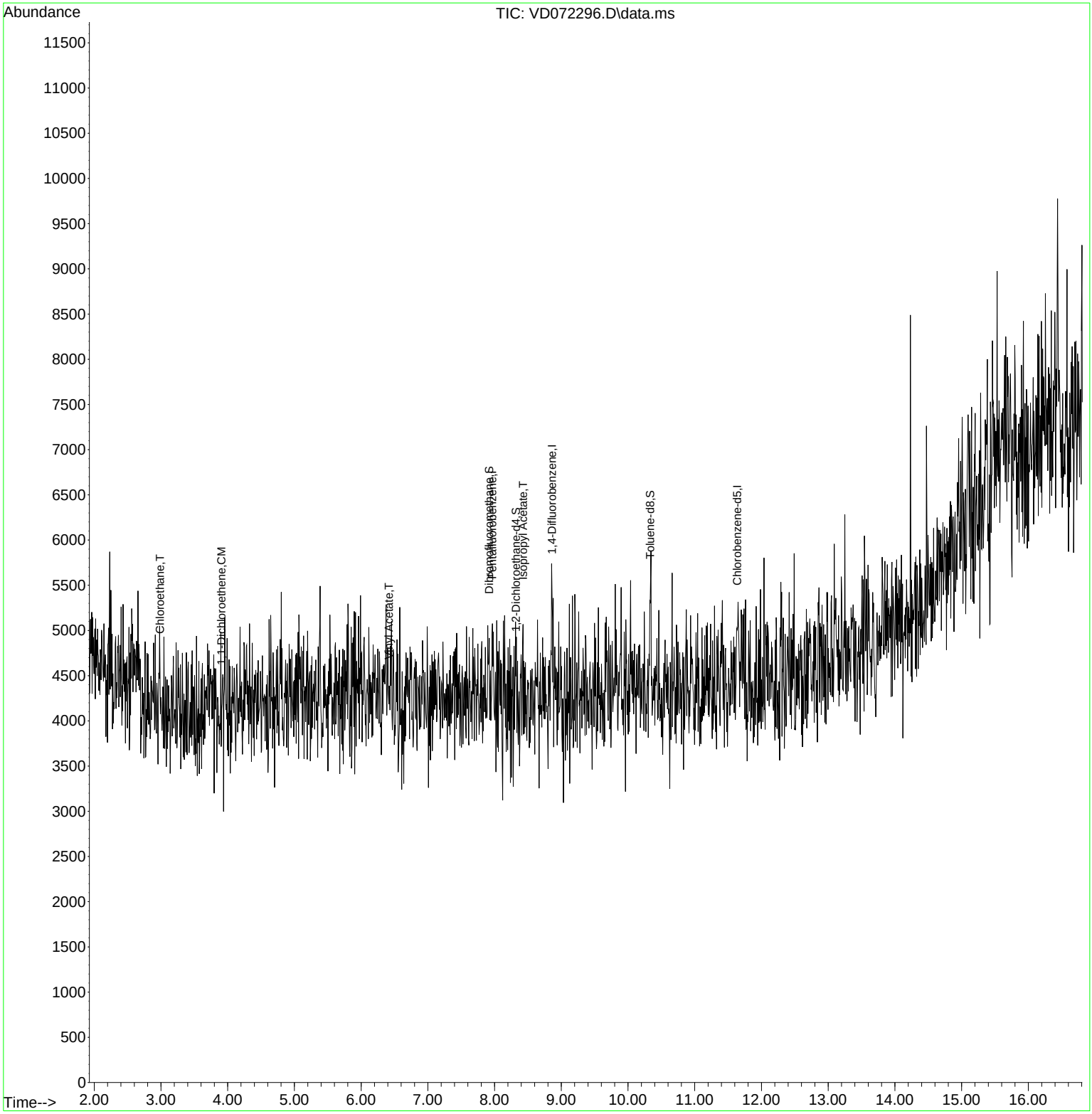
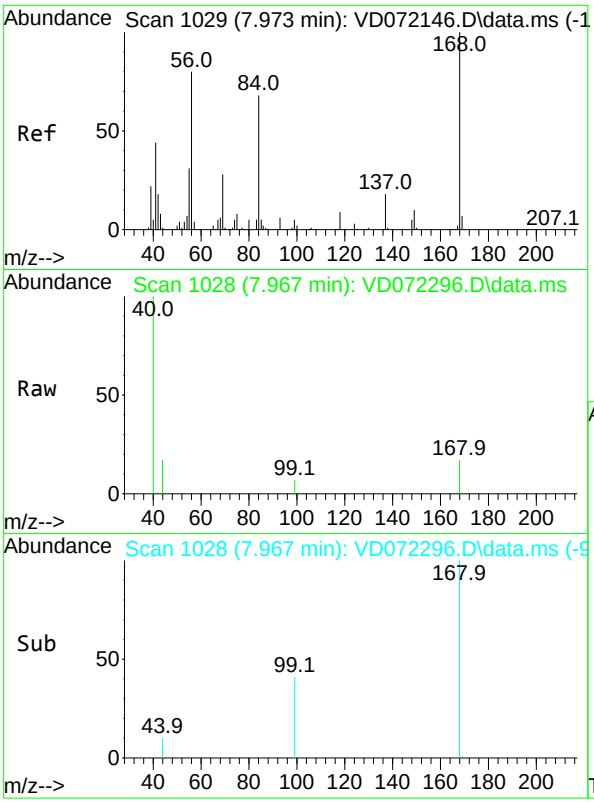


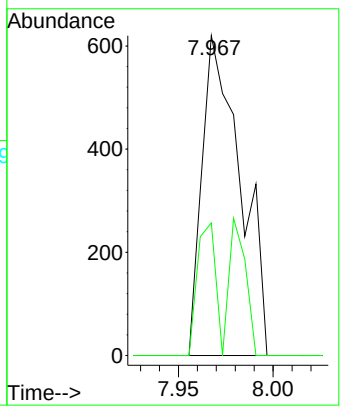


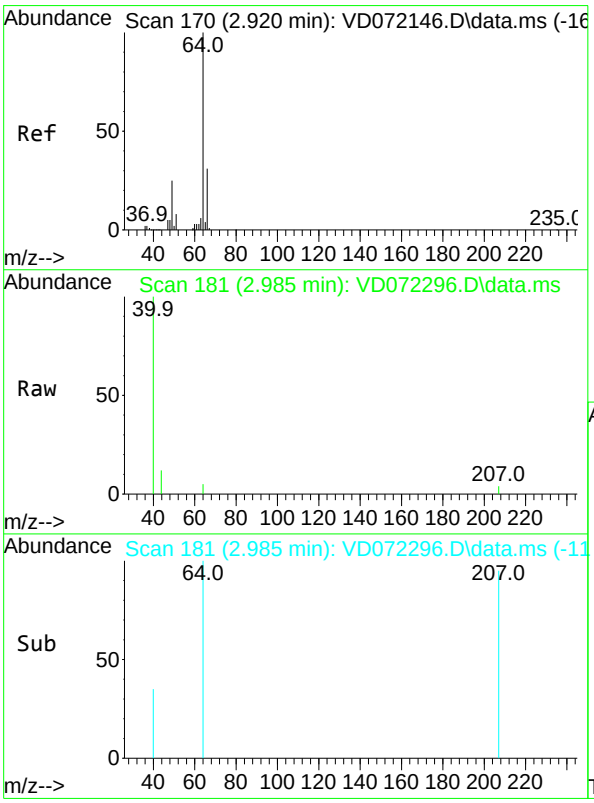
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion:168 Resp: 874

Ion	Ratio	Lower	Upper
168	100		
99	41.5	49.8	74.6#

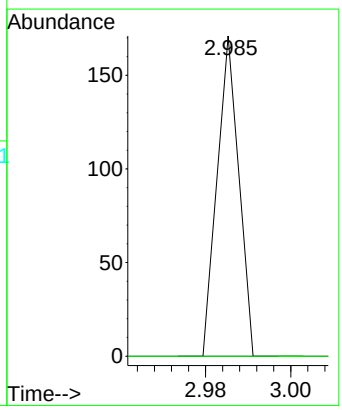


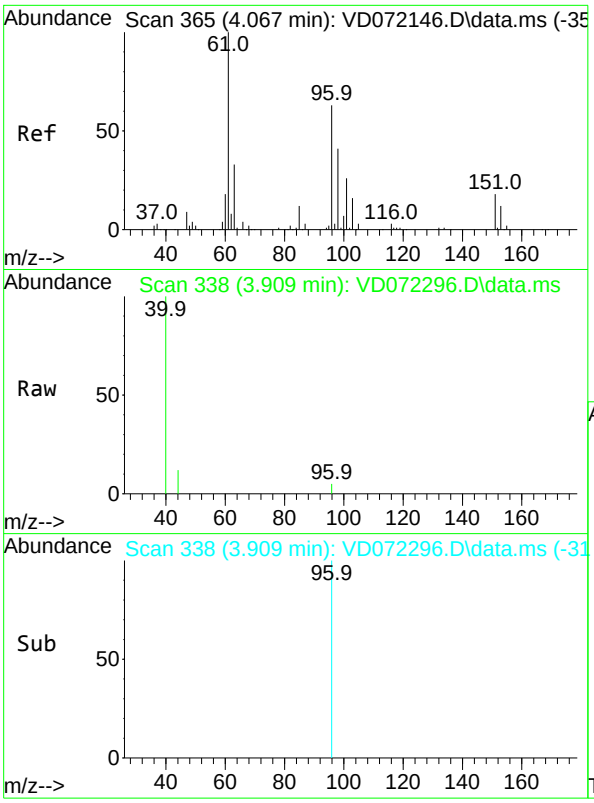


#6
Chloroethane
Concen: 13.088 ug/l
RT: 2.985 min Scan# 181
Delta R.T. 0.065 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 64 Resp: 60

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.9	38.9#



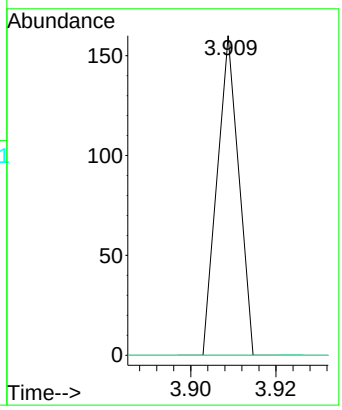


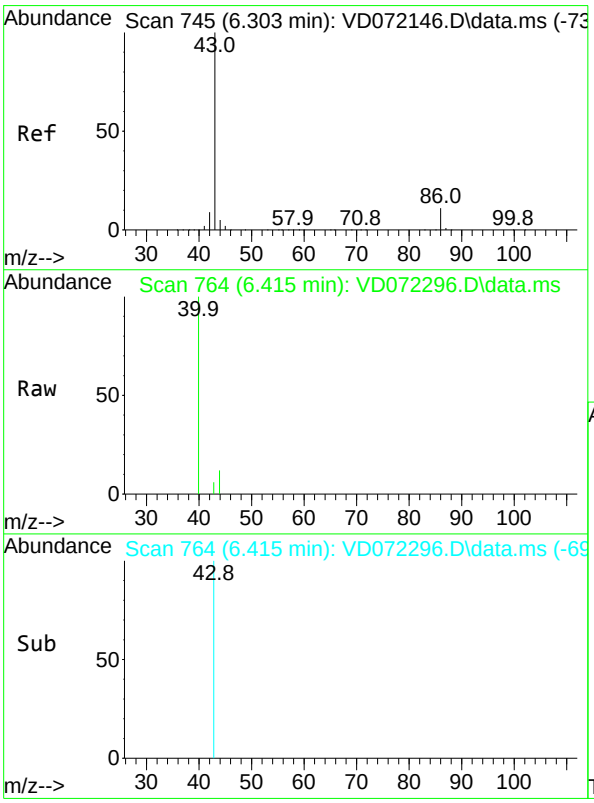
#12
1,1-Dichloroethene
Concen: 6.972 ug/l
RT: 3.909 min Scan# 3
Delta R.T. -0.159 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion: 96 Resp: 56

Ion	Ratio	Lower	Upper
96	100		
61	0.0	138.5	207.7#
98	0.0	48.6	73.0#

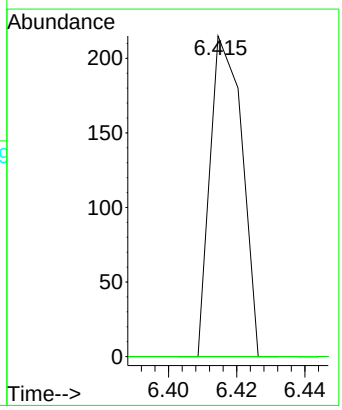


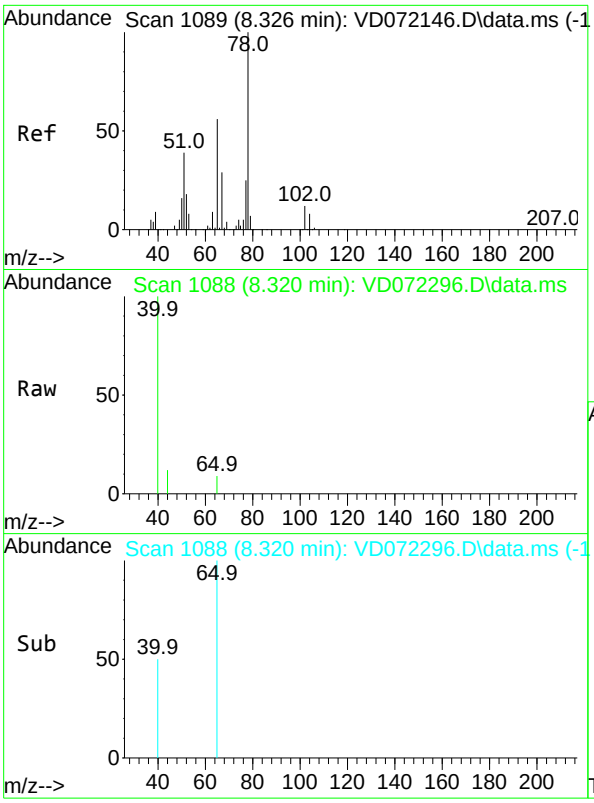


#23
Vinyl Acetate
Concen: 8.502 ug/l
RT: 6.415 min Scan# 764
Delta R.T. 0.112 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 43 Resp: 139

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.1	10.7#



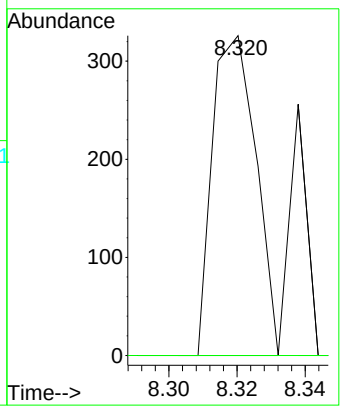


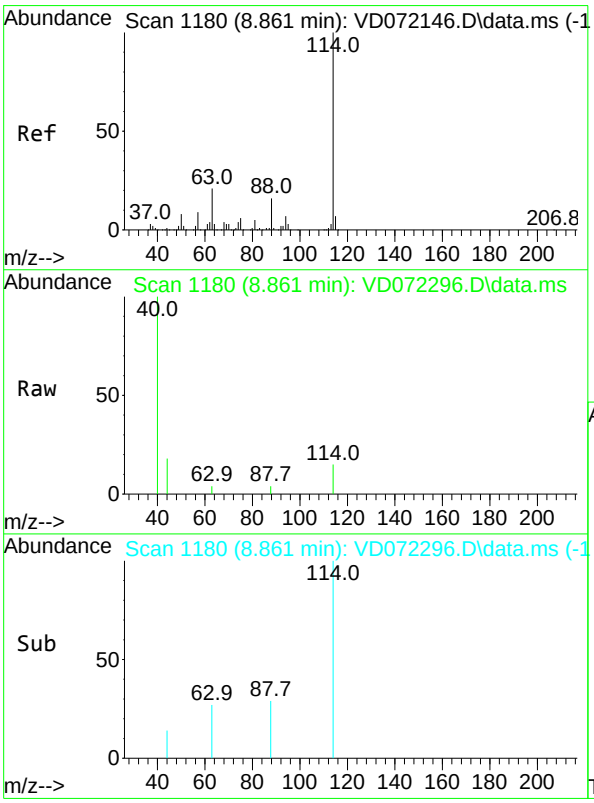
#33
1,2-Dichloroethane-d4
Concen: 29.671 ug/l
RT: 8.320 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion: 65 Resp: 289

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	101.4

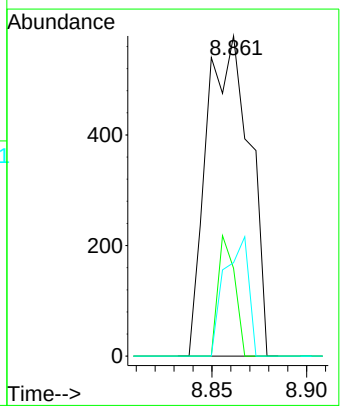


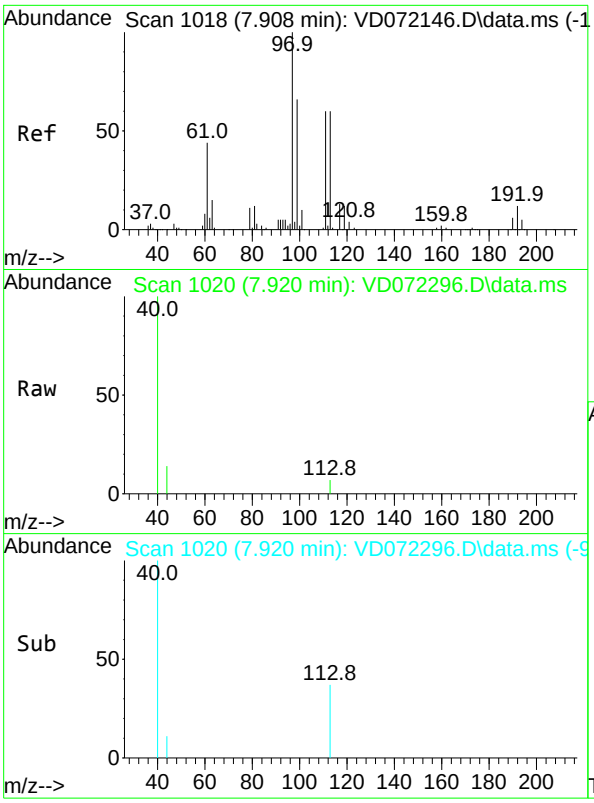


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion:114 Resp: 916

Ion	Ratio	Lower	Upper
114	100		
63	27.5	0.0	46.6
88	29.2	0.0	33.2



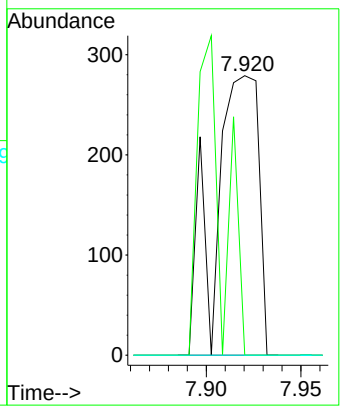


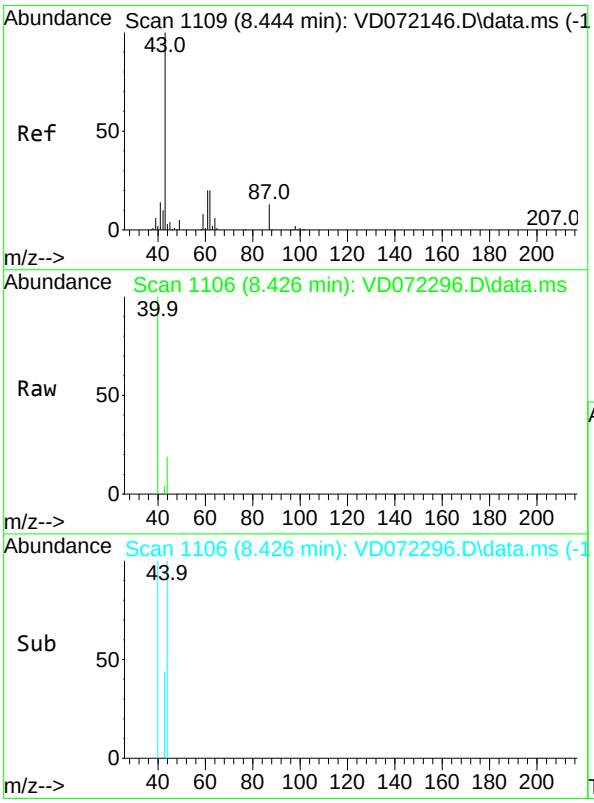
#35
Dibromofluoromethane
Concen: 69.346 ug/l
RT: 7.920 min Scan# 1
Delta R.T. 0.012 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion:113 Resp: 447

Ion	Ratio	Lower	Upper
113	100		
111	66.2	83.8	125.6#
192	0.0	14.6	21.8#

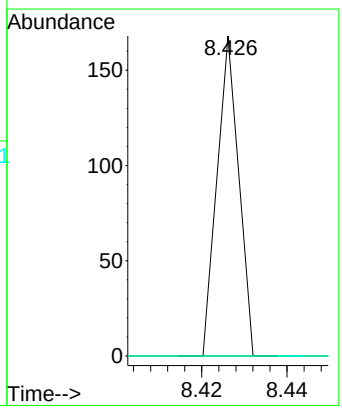


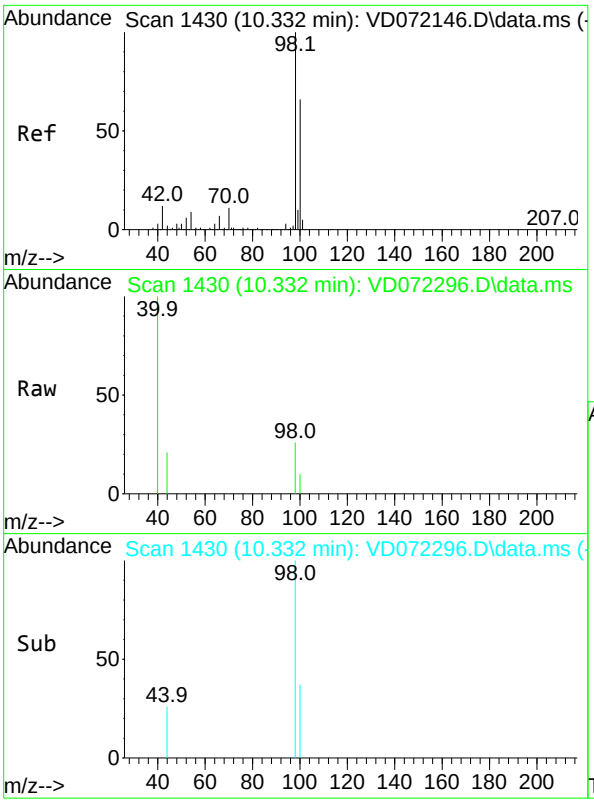


#43
Isopropyl Acetate
Concen: 7.674 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.018 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.4	33.6#
87	0.0	8.7	13.1#



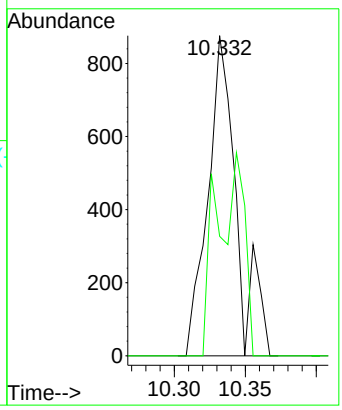


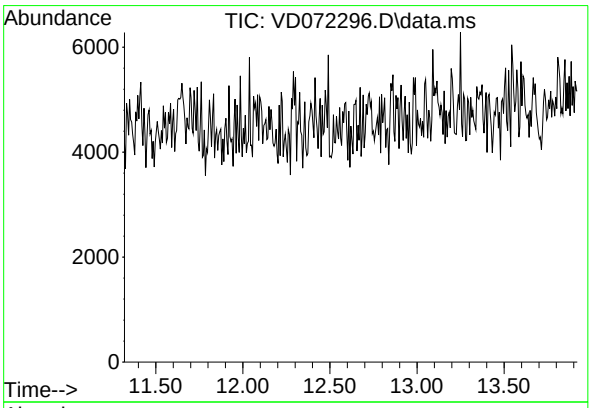
#50
Toluene-d8
Concen: 52.313 ug/l
RT: 10.332 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion: 98 Resp: 1233

Ion	Ratio	Lower	Upper
98	100		
100	60.0	52.4	78.6



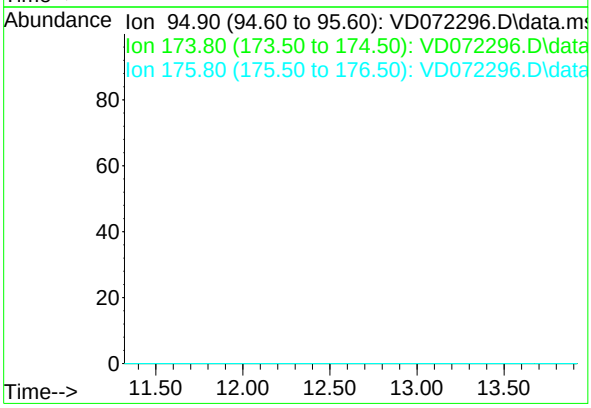


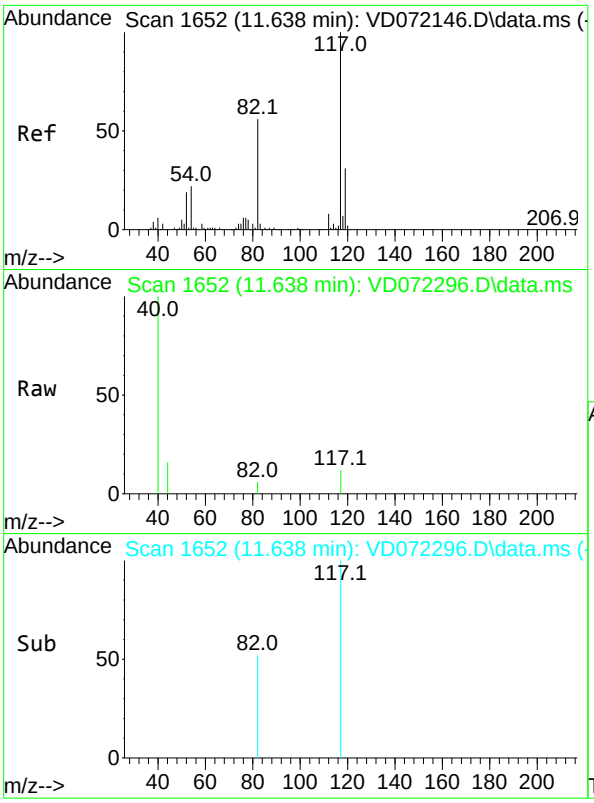
#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.62 min

Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	76.4
176	72.7



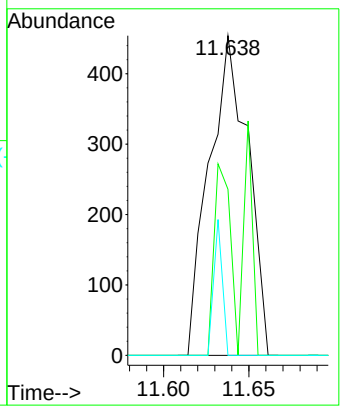


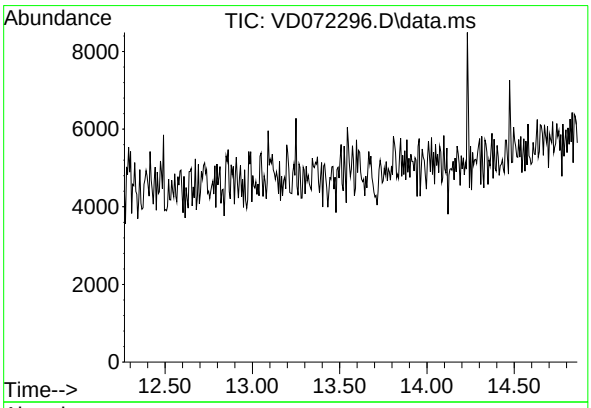
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Instrument :
MSVOA_D
ClientSampleId :
SB-05-4.5-5.0

Tgt Ion:117 Resp: 717

Ion	Ratio	Lower	Upper
117	100		
82	52.0	45.3	67.9
119	0.0	26.6	40.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VD072296.D
Acq: 18 Mar 2022 18:11

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	62.5
150	174.3