Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102621\
Data File : VD070850.D
Acq On : 26 Oct 2021 19:53
Operator : VA/SY
Sample : M4356-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 27 06:24:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.979	168	42528	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	75761	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.637	117	76271	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	34770	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.326	65	38118	89.118 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.240%#		
35) Dibromofluoromethane	7.908	113	31115	62.289 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 124.580%		
50) Toluene-d8	10.338	98	93983	50.009 ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.020%		
62) 4-Bromofluorobenzene	12.626	95	32002	51.610 ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.220%		
Target Compounds					Qvalue
5) Bromomethane	2.779	94	1032	Below Cal	91
10) Methyl Iodide	4.308	142	149	3.878 ug/l #	40
16) Acetone	4.161	43	2454	24.661 ug/l #	73
20) Methylene Chloride	4.961	84	2994	Below Cal #	77
36) 1,1-Dichloropropene	7.979	75	3877	4.891 ug/l #	45
38) Carbon Tetrachloride	7.967	117	4731	5.935 ug/l #	12
51) 4-Methyl-2-Pentanone	10.338	43	361	1.257 ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	14761	43.125 ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	14761	113.189 ug/l #	18
95) Naphthalene	15.373	128	118	4.223 ug/l #	69

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

Quantitation Report (Not Reviewed)

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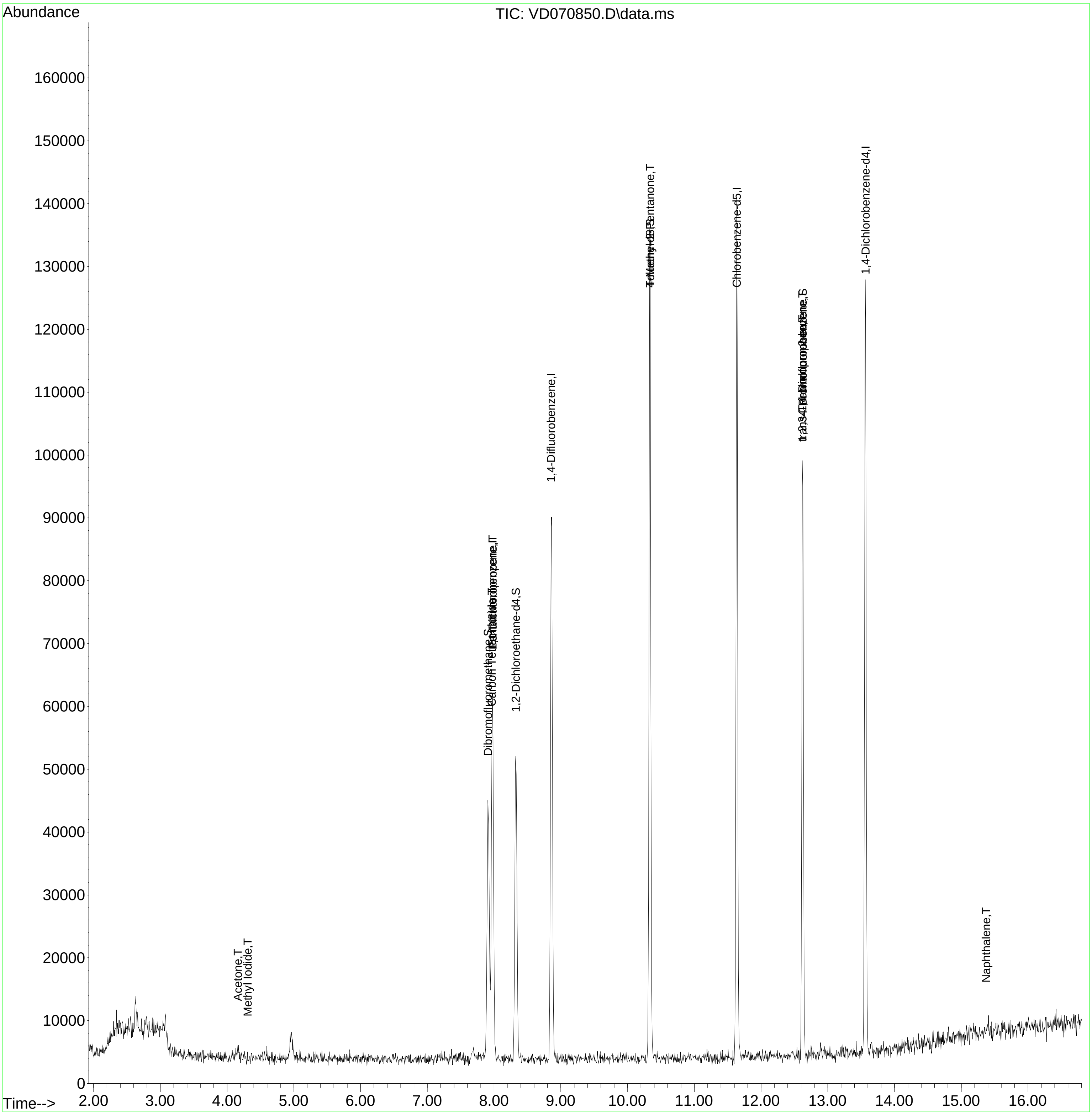
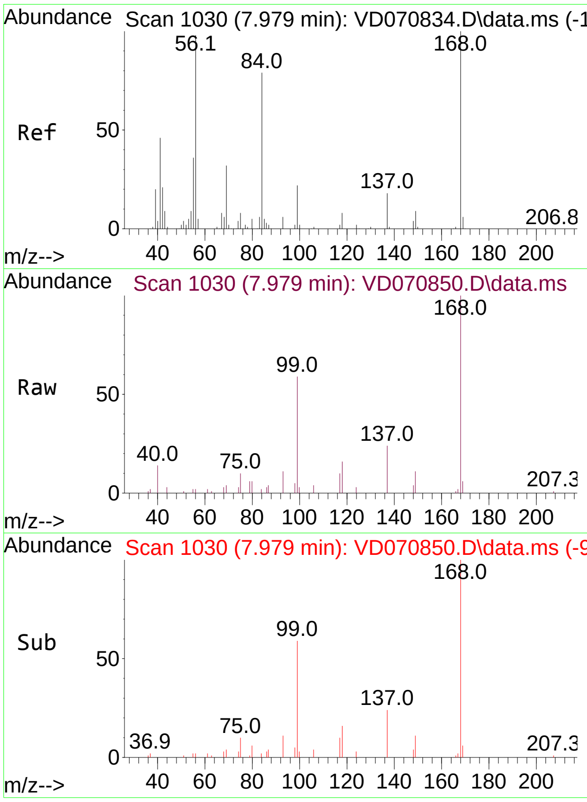
Operator : VA/SY
Sample : M4356-03
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 27 06:24:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 27 05:34:47 2021
Response via : Initial Calibration



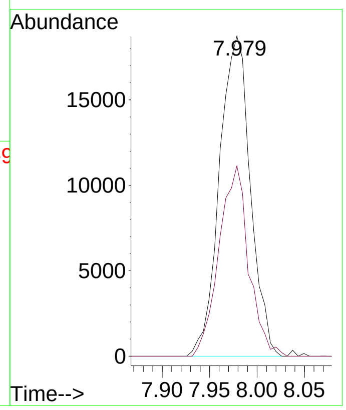


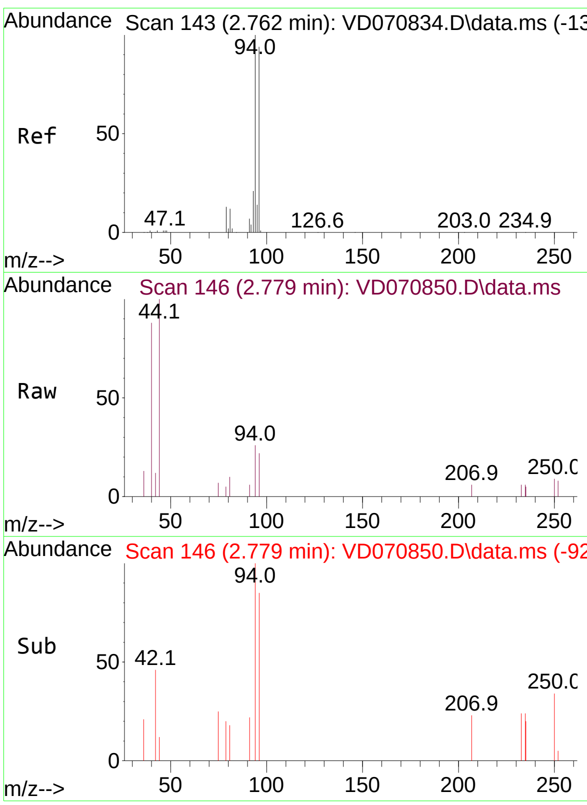
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 42528

Ion	Ratio	Lower	Upper
168	100		
99	59.4	46.6	69.8

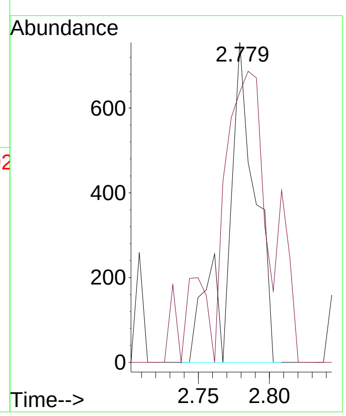


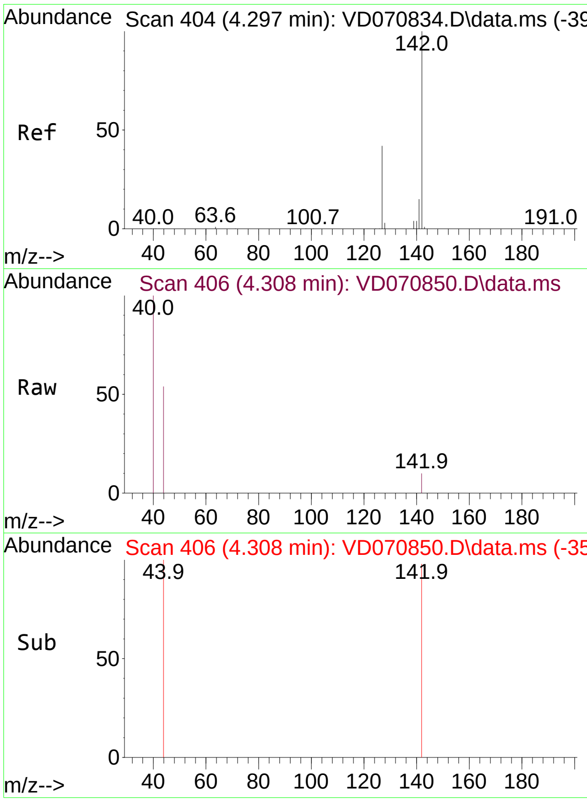


#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 94 Resp: 1032

Ion	Ratio	Lower	Upper
94	100		
96	84.5	74.8	112.2





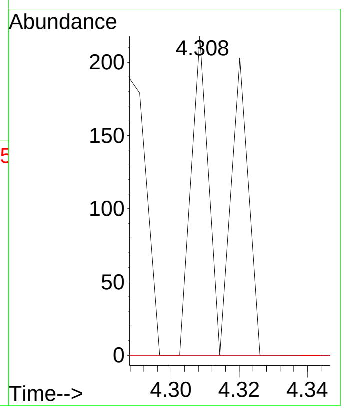
#10
Methyl Iodide
Concen: 3.878 ug/l
RT: 4.308 min Scan# 4

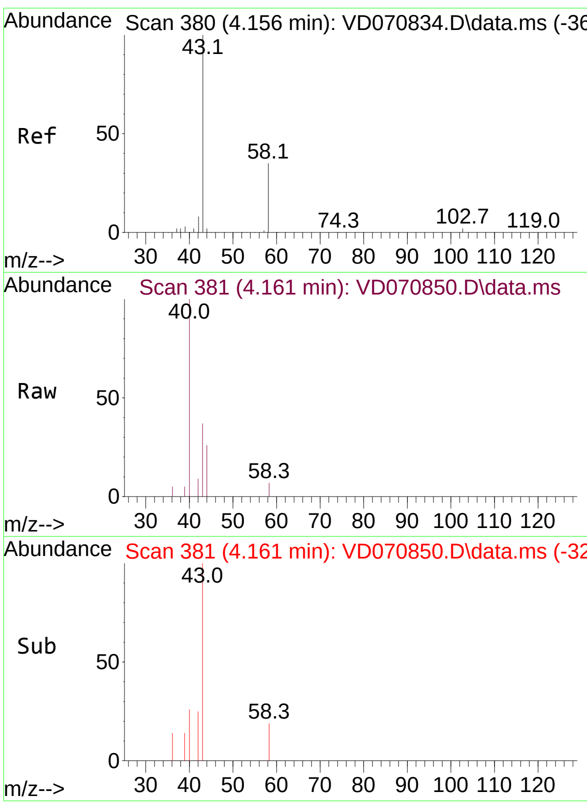
Instrument :
MSVOA_D
ClientSampleId :

Delta R.T. 0.011 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion:142 Resp: 149

Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.0	52.4#
141	0.0	12.0	18.0#

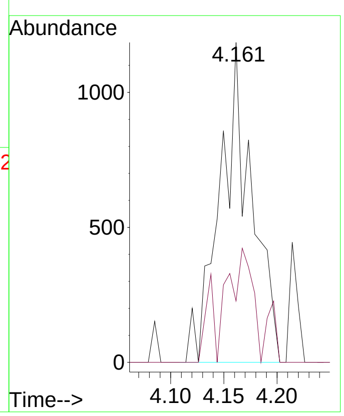


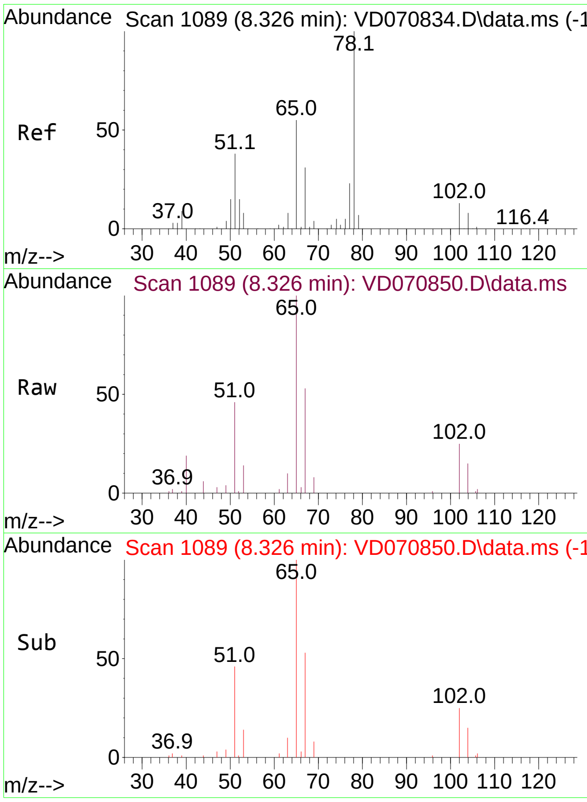


#16
Acetone
Concen: 24.661 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 43 Resp: 2454

Ion	Ratio	Lower	Upper
43	100		
58	19.2	27.8	41.8#



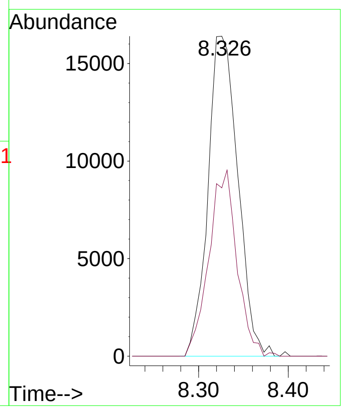


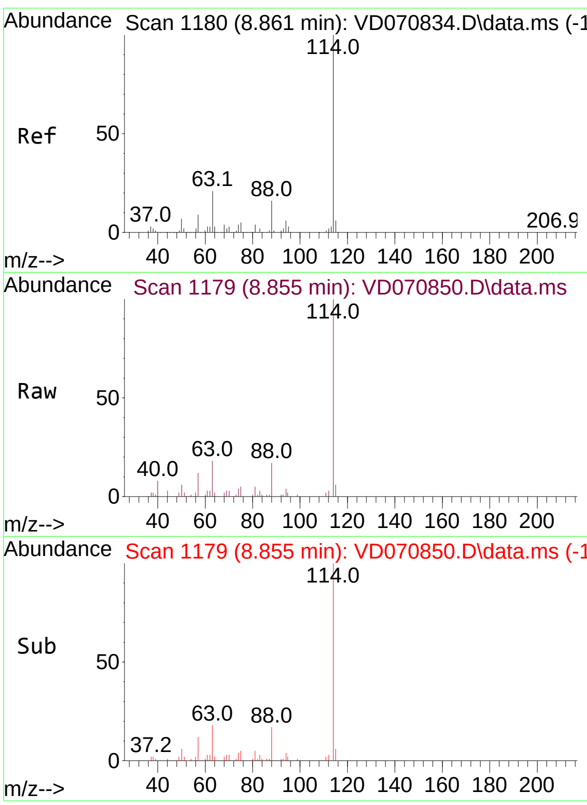
#33
1,2-Dichloroethane-d4
Concen: 89.118 ug/l
RT: 8.326 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 65 Resp: 38118

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	112.2

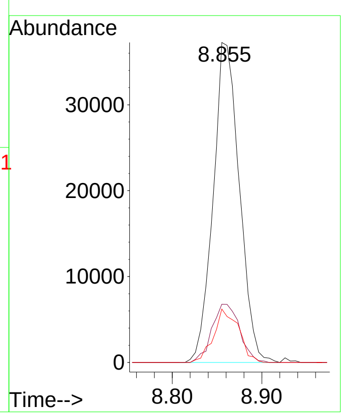


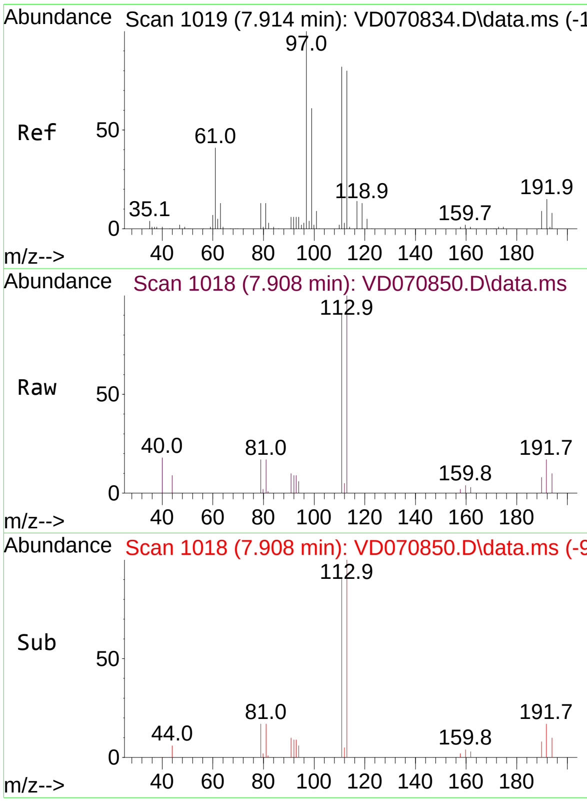


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion:114 Resp: 75761

Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	41.8
88	16.7	0.0	32.8



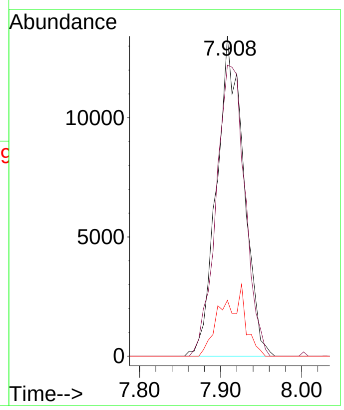


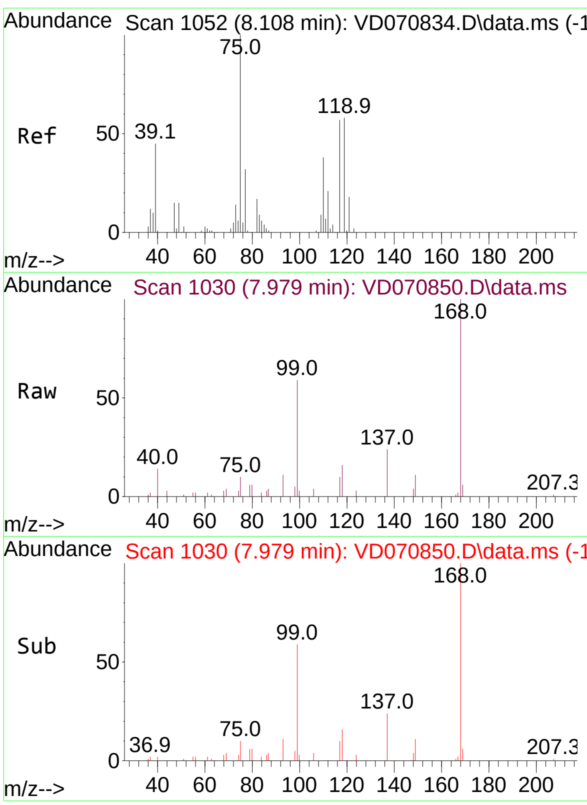
#35
Dibromofluoromethane
Concen: 62.289 ug/l
RT: 7.908 min   Scan# 1
Delta R.T.   -0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021   19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:113 Resp: 31115

Ion	Ratio	Lower	Upper
113	100		
111	96.9	82.0	123.0
192	13.4	15.2	22.8#

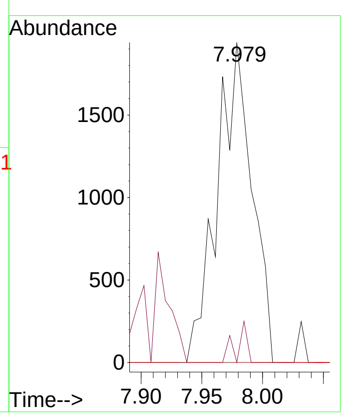


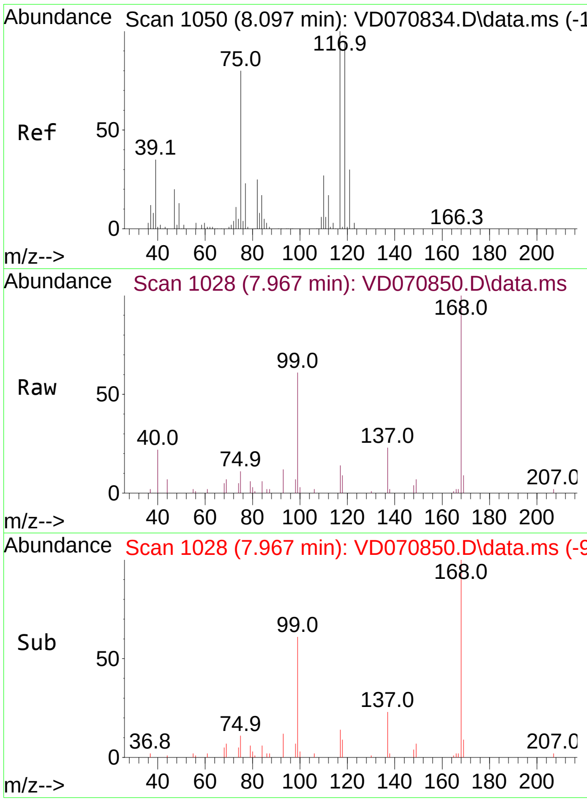


#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 7.979 min   Scan# 1030
Delta R.T.   -0.130 min
Lab File: VD070850.D
Acq: 26 Oct 2021   19:53

Tgt Ion: 75 Resp: 3877

Ion	Ratio	Lower	Upper
75	100		
110	3.8	17.8	53.4#
77	0.0	24.8	37.2#



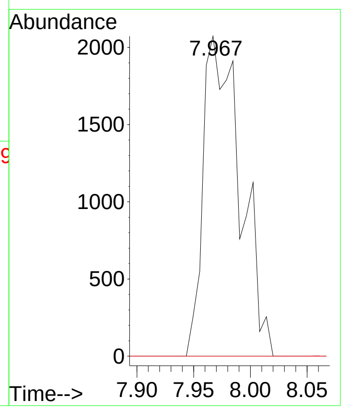


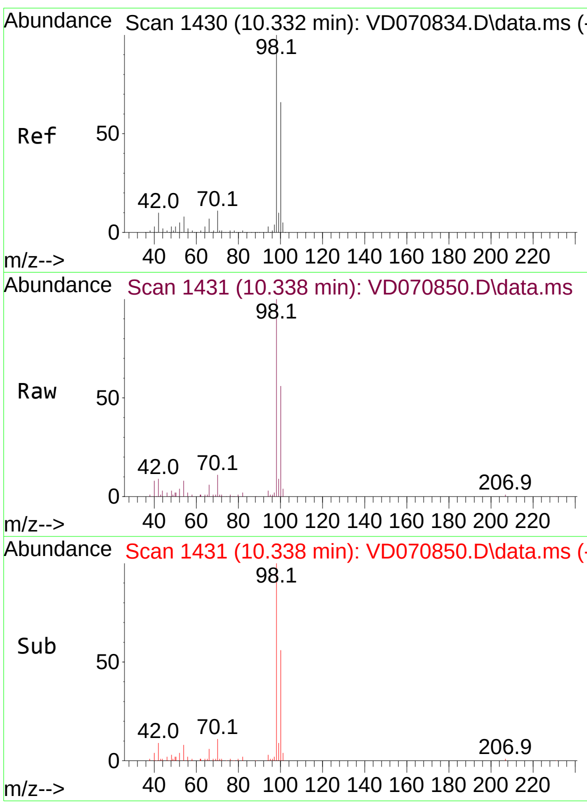
#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.967 min Scan# 1
Delta R.T. -0.130 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 4731

Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.8	113.6#
121	0.0	23.6	35.4#

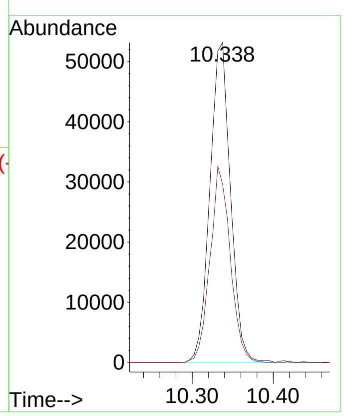


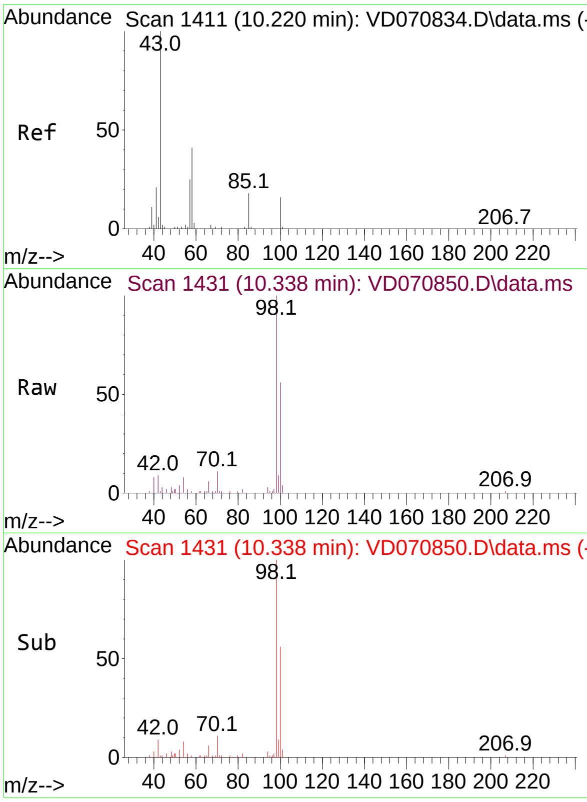


#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 98 Resp: 93983

Ion	Ratio	Lower	Upper
98	100		
100	60.1	51.8	77.6



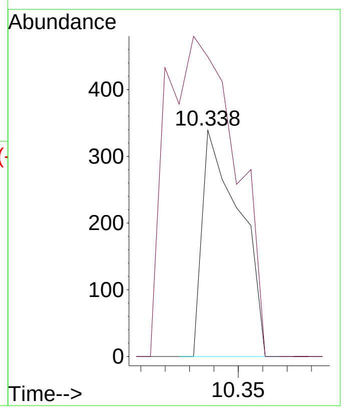


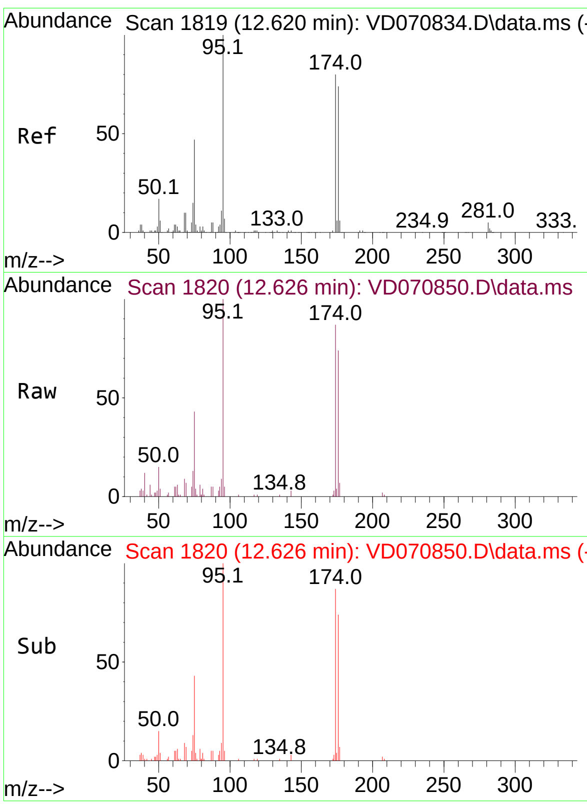
#51
4-Methyl-2-Pentanone
Concen: 1.257 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.118 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 361

Ion	Ratio	Lower	Upper
43	100		
58	262.9	33.1	49.7#

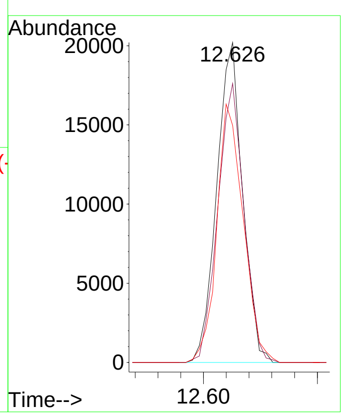


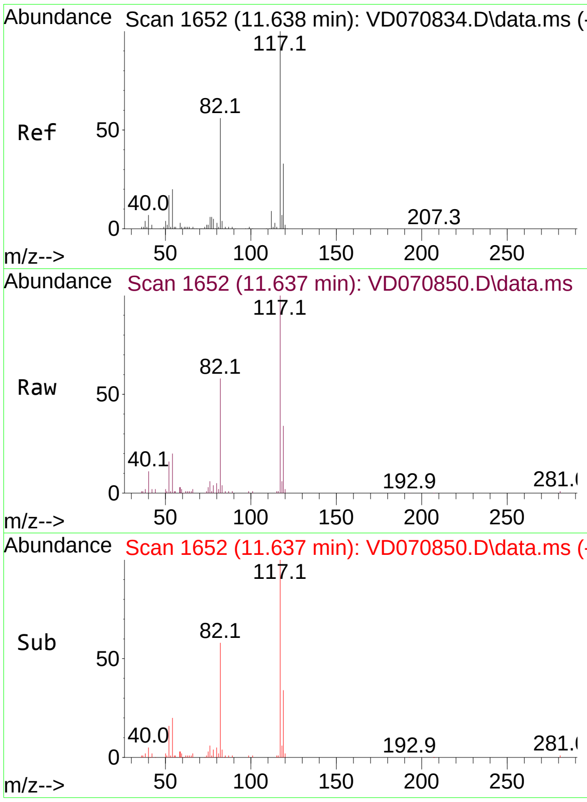


#62
4-Bromofluorobenzene
Concen: 51.610 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 95 Resp: 32002

Ion	Ratio	Lower	Upper
95	100		
174	88.2	0.0	159.4
176	82.6	0.0	154.0



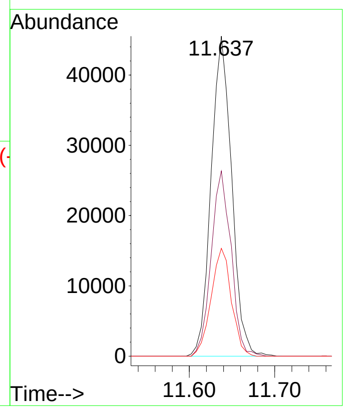


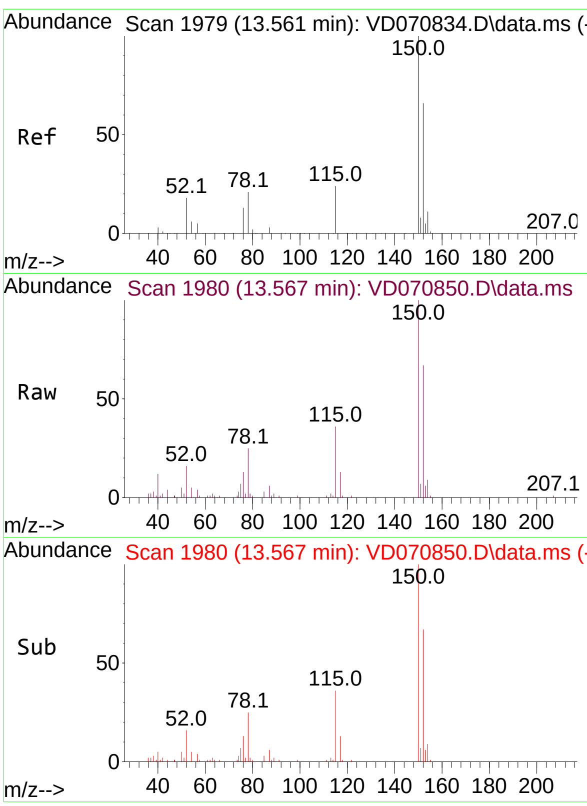
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 76271

Ion	Ratio	Lower	Upper
117	100		
82	57.9	44.7	67.1
119	33.7	26.2	39.4

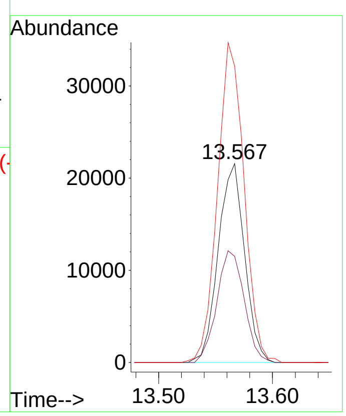


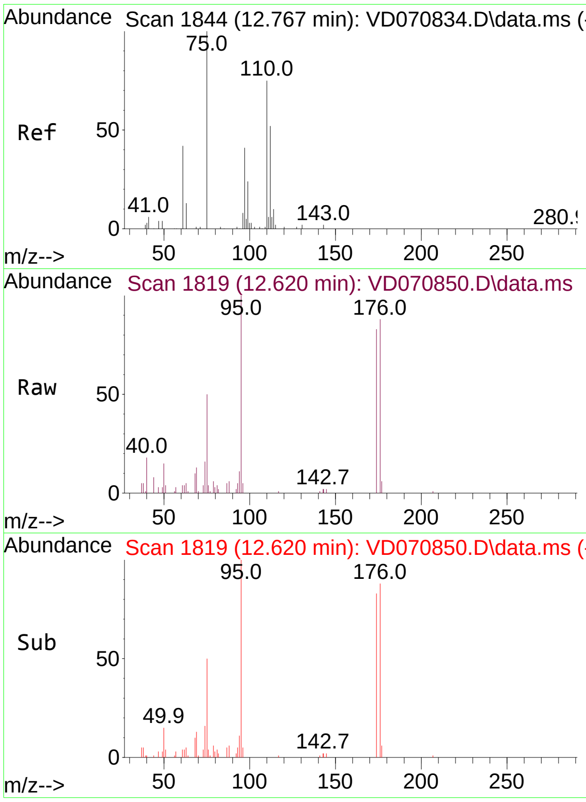


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion:152 Resp: 34770

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.8	89.3
150	162.0	0.0	349.2



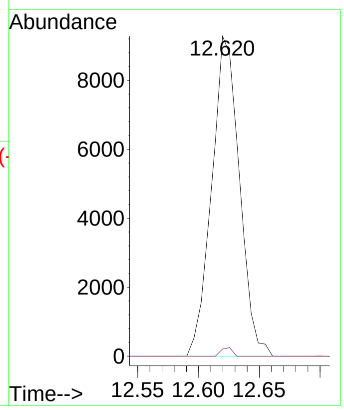


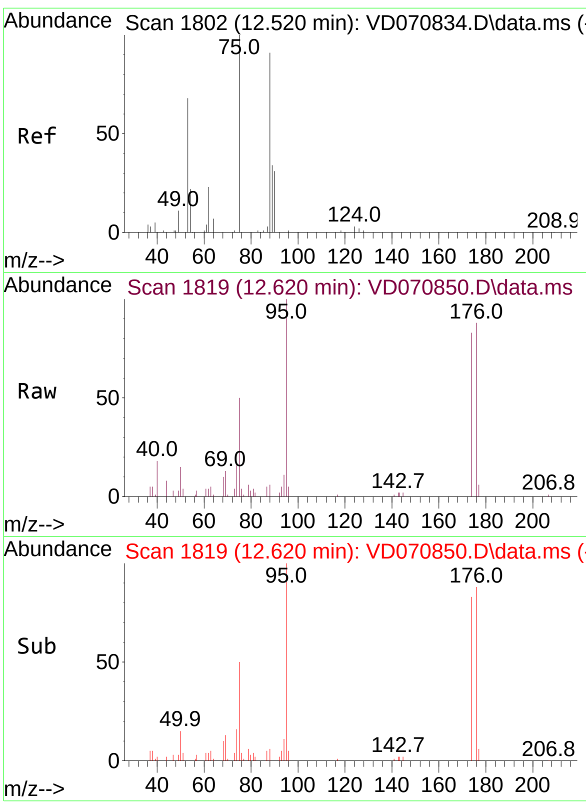
#76
1,2,3-Trichloropropane
Concen: 43.125 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.147 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 14761

Ion	Ratio	Lower	Upper
75	100		
77	1.1	158.4	475.3#

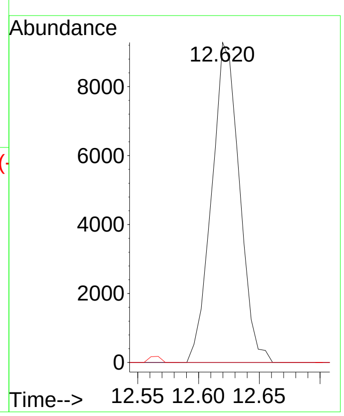


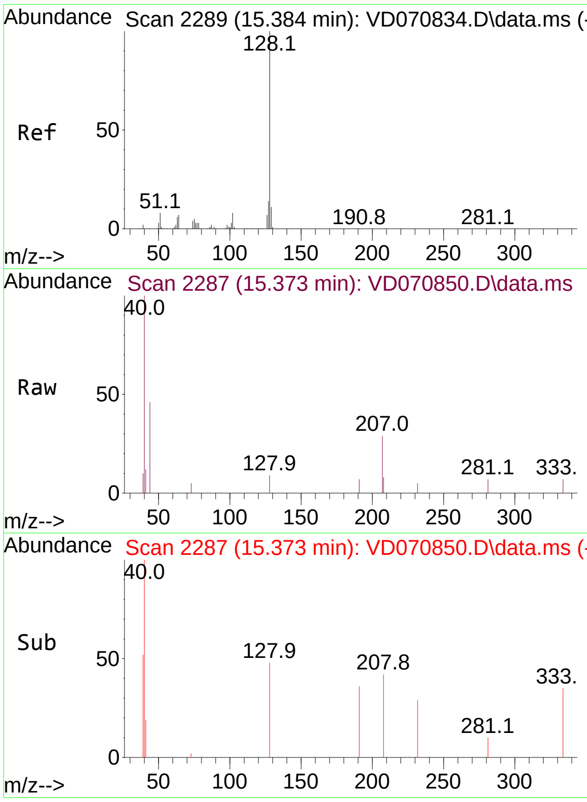


#81
trans-1,4-Dichloro-2-butene
Concen: 113.189 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Tgt Ion: 75 Resp: 14761

Ion	Ratio	Lower	Upper
75	100		
53	0.0	62.6	94.0#
89	0.0	34.5	51.7#





#95
Naphthalene
Concen: 4.223 ug/l
RT: 15.373 min Scan# 2
Delta R.T. -0.011 min
Lab File: VD070850.D
Acq: 26 Oct 2021 19:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 118

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.7	16.1#
129	0.0	8.7	13.1#