Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073198.D
Acq On : 20 May 2022 22:16
Operator : VA/SY
Sample : N2942-05
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Quant Time: May 21 00:17:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	293452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	529955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	543436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	176688	54.482	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.960%			
35) Dibromofluoromethane	7.908	113	183351	52.431	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.860%			
50) Toluene-d8	10.332	98	654983	50.810	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.620%			
62) 4-Bromofluorobenzene	12.620	95	263365	58.216	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.440%			
Target Compounds						Qvalue
5) Bromomethane	2.773	94	700	Below Cal		92
16) Acetone	4.150	43	663	1.180	ug/l	90
31) Cyclohexane	7.967	56	7079	1.249	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	25748	4.896	ug/l #	52
38) Carbon Tetrachloride	7.973	117	31135	5.840	ug/l #	17
51) 4-Methyl-2-Pentanone	10.332	43	2841	1.425	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.796	63	63	21.659	ug/l #	48
76) 1,2,3-Trichloropropane	12.620	75	140415	58.369	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	140415	140.126	ug/l #	8
95) Naphthalene	15.378	128	104	3.553	ug/l #	70

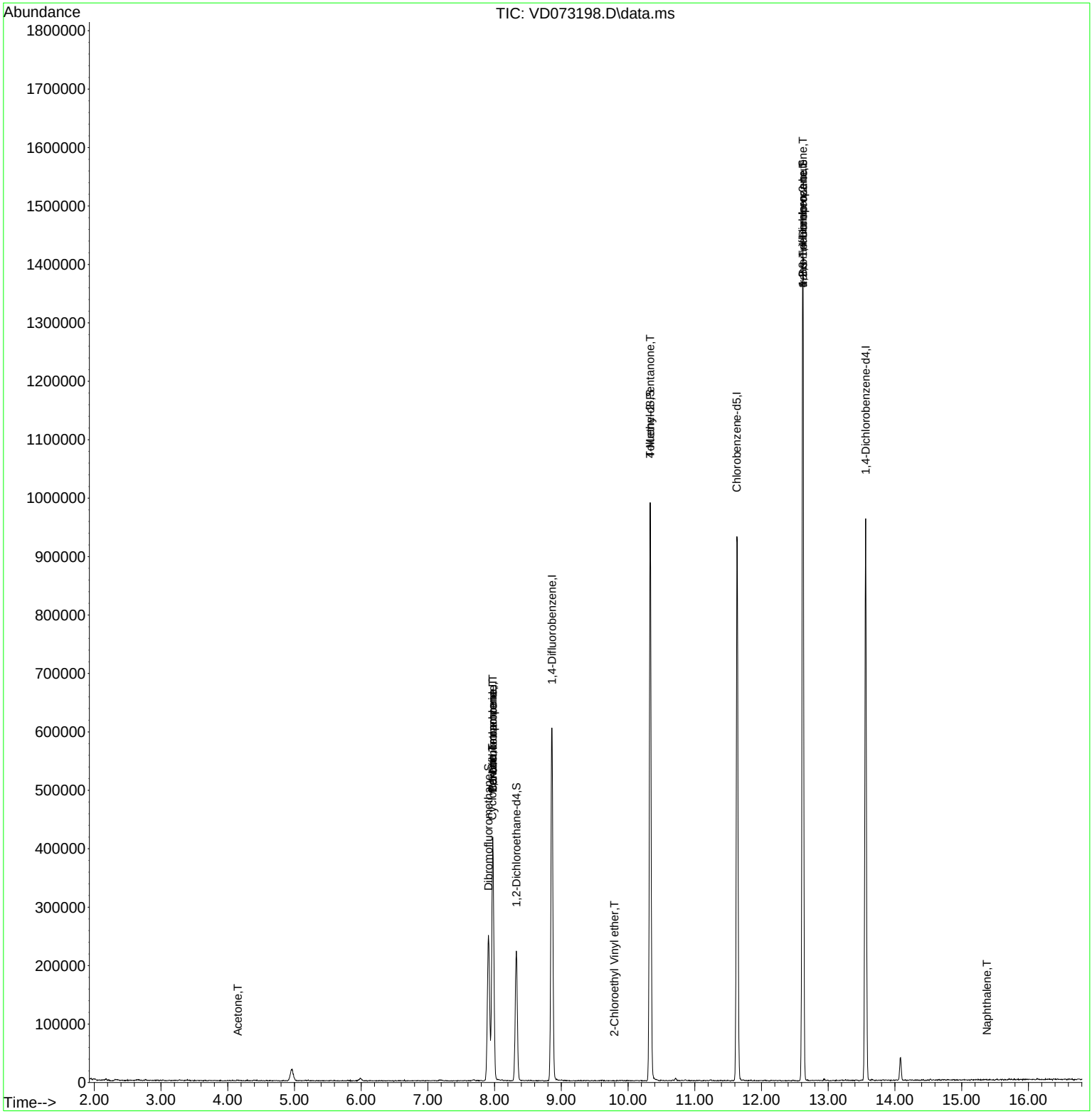
(#) = qualifier out of range (m) = manual integration (+) = signals summed

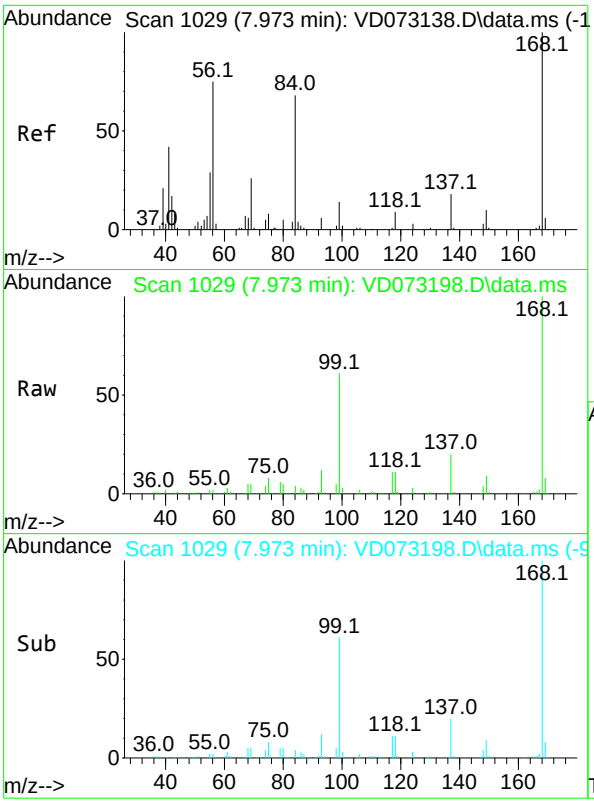
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
Data File : VD073198.D
Acq On : 20 May 2022 22:16
Operator : VA/SY
Sample : N2942-05
Misc : 5.60G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Quant Time: May 21 00:17:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



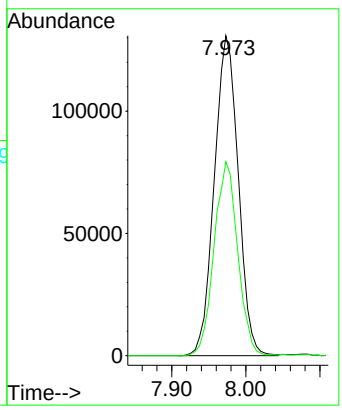


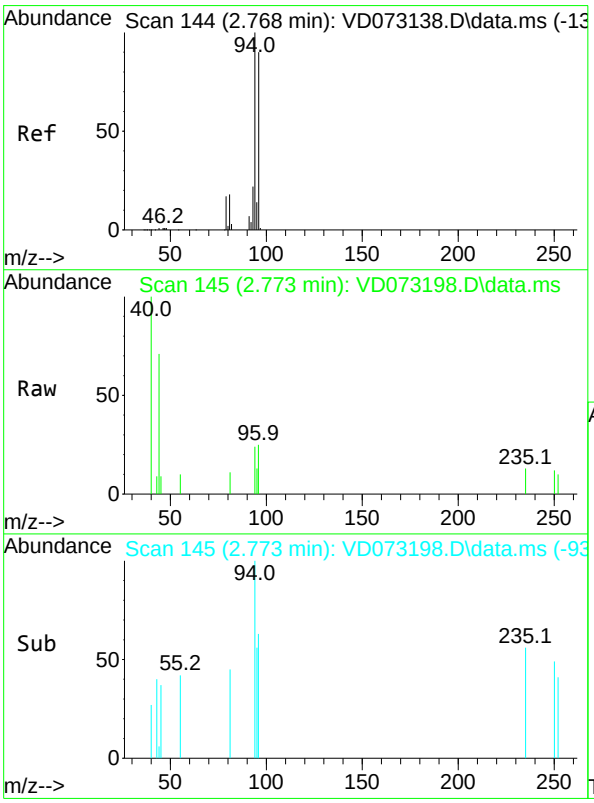
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion:168 Resp: 293452

Ion	Ratio	Lower	Upper
168	100		
99	60.6	49.8	74.6

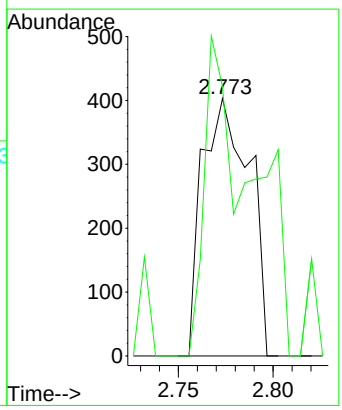


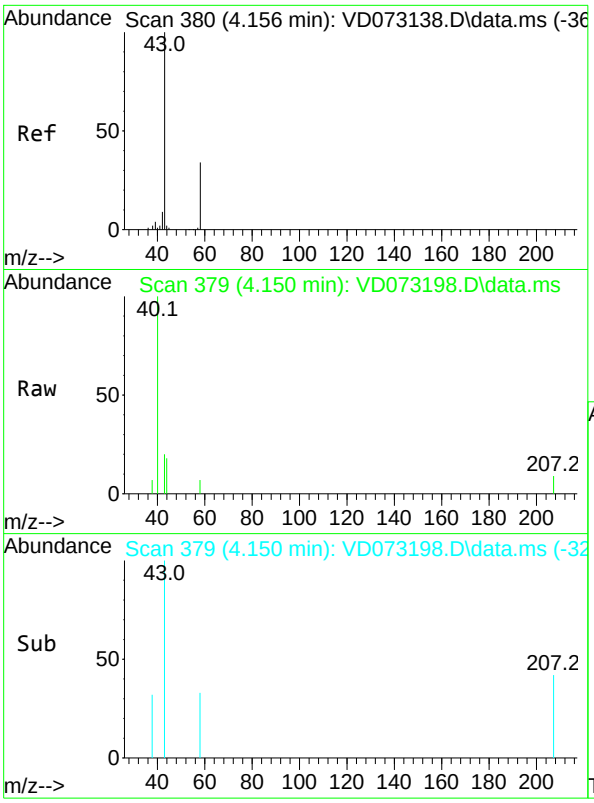


#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 94 Resp: 700

Ion	Ratio	Lower	Upper
94	100		
96	104.5	77.6	116.4



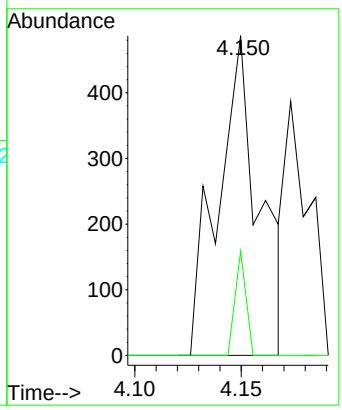


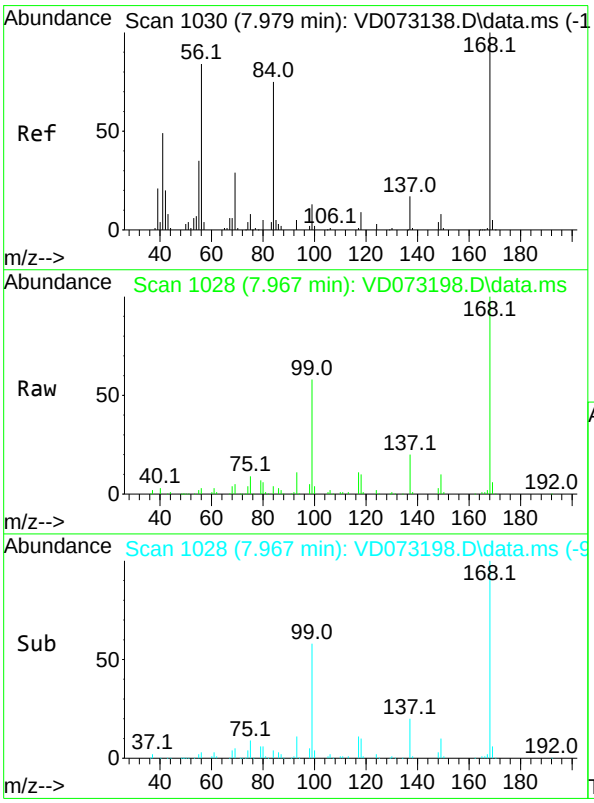
#16
Acetone
Concen: 1.180 ug/l
RT: 4.150 min Scan# 3
Delta R.T. -0.006 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion: 43 Resp: 663

Ion	Ratio	Lower	Upper
43	100		
58	32.6	22.1	33.1

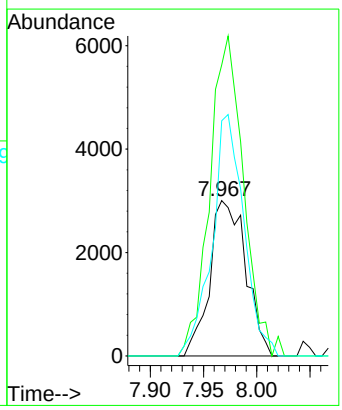


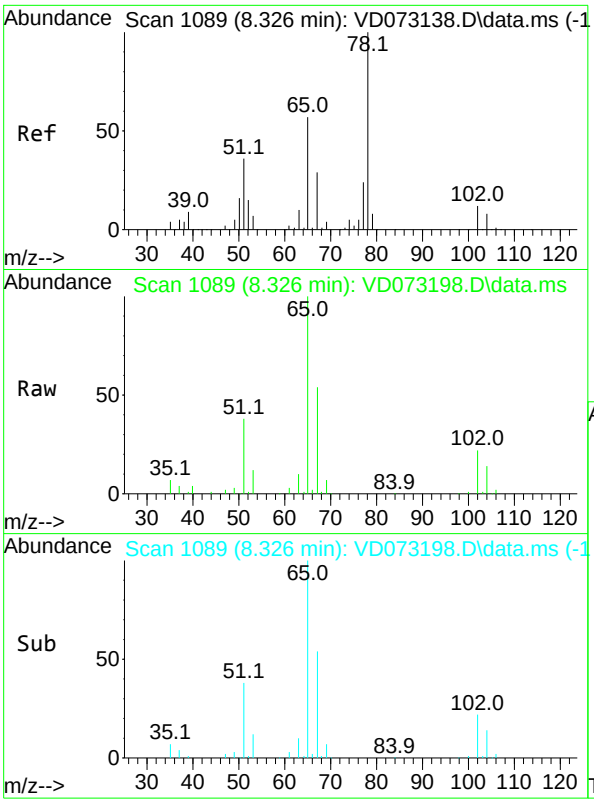


#31
Cyclohexane
Concen: 1.249 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 56 Resp: 7079

Ion	Ratio	Lower	Upper
56	100		
69	187.3	25.4	38.2#
84	151.3	63.0	94.4#



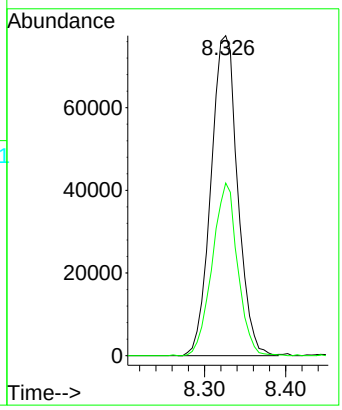


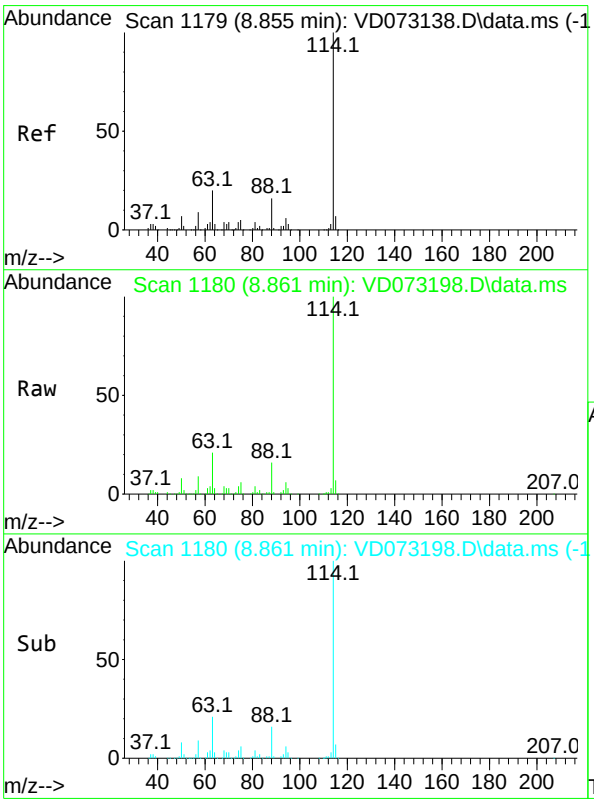
#33
1,2-Dichloroethane-d4
Concen: 54.482 ug/l
RT: 8.326 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion: 65 Resp: 176688

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	101.4

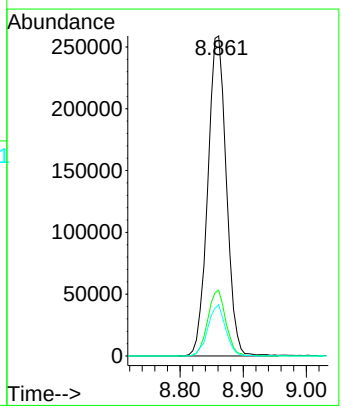


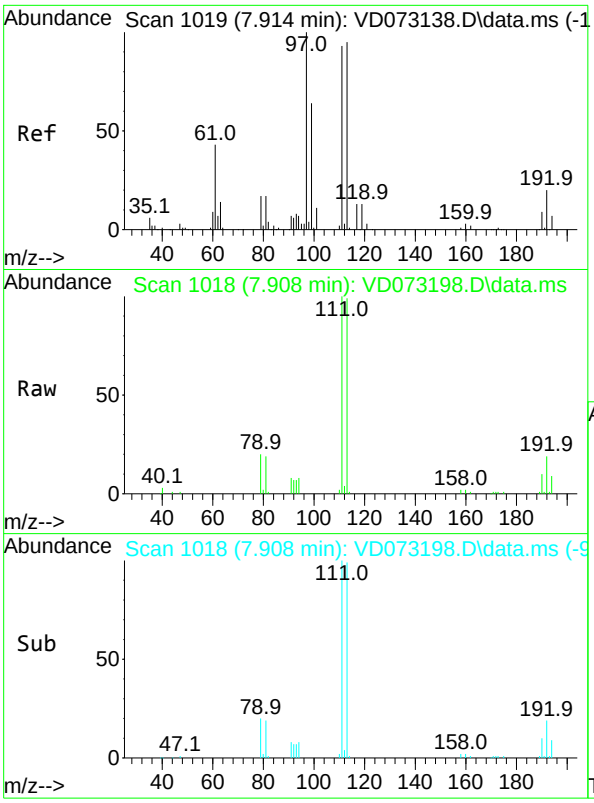


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion:114 Resp: 529955

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	46.6
88	16.1	0.0	33.2



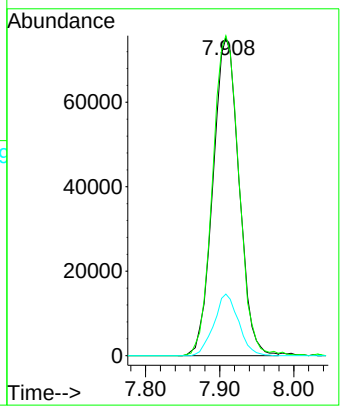


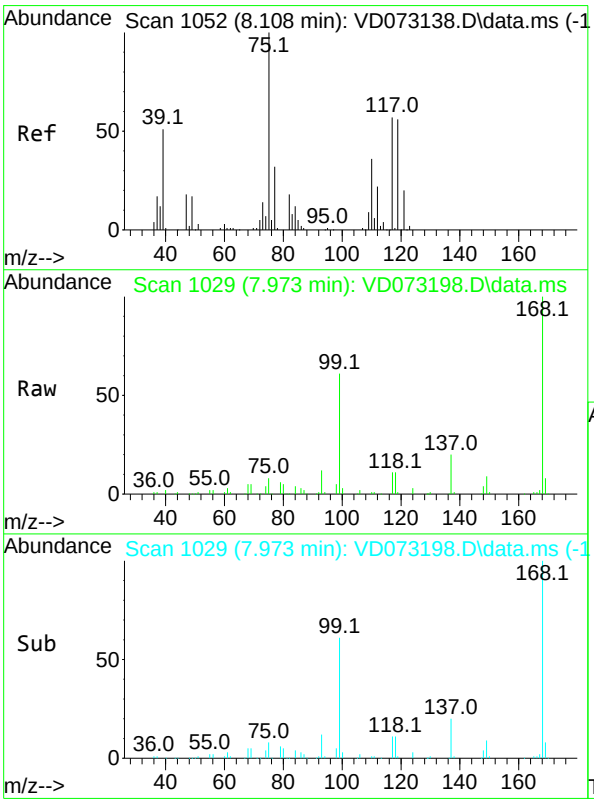
#35
Dibromofluoromethane
Concen: 52.431 ug/l
RT: 7.908 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion:113 Resp: 183351

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.8	125.6
192	18.3	14.6	21.8

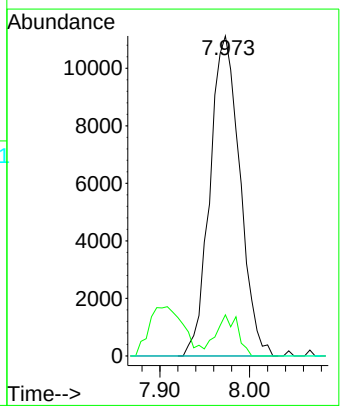


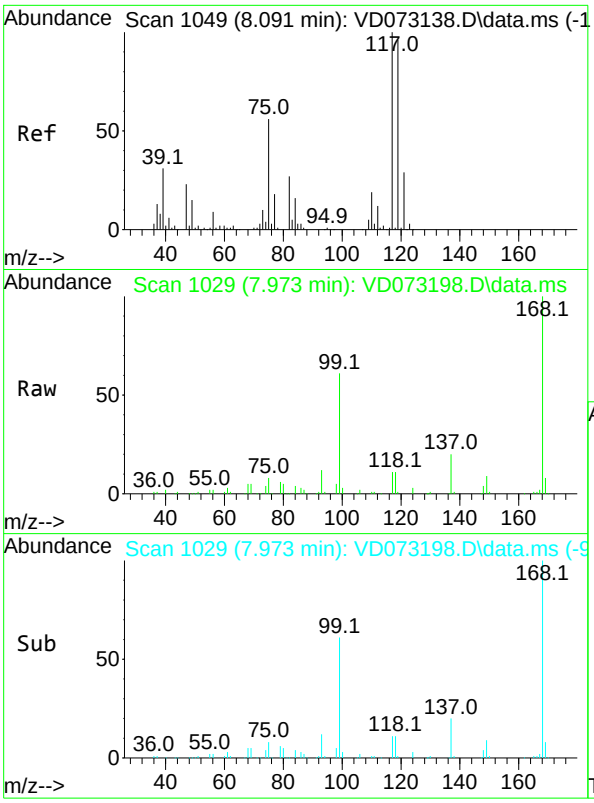


#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 75 Resp: 25748

Ion	Ratio	Lower	Upper
75	100		
110	9.3	16.4	49.1#
77	0.0	24.2	36.2#



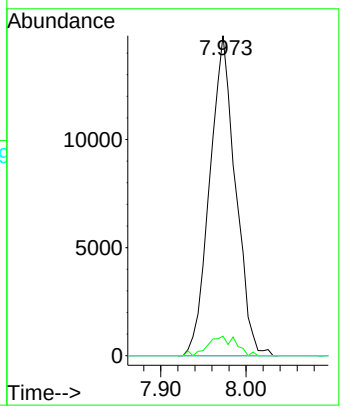


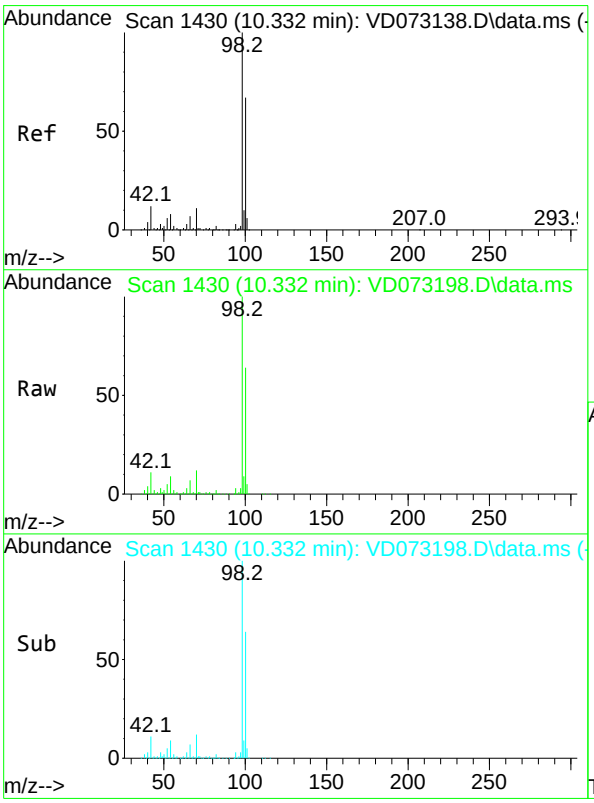
#38
Carbon Tetrachloride
Concen: 5.840 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.118 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion:117 Resp: 31135

Ion	Ratio	Lower	Upper
117	100		
119	6.1	75.8	113.6#
121	0.0	24.5	36.7#

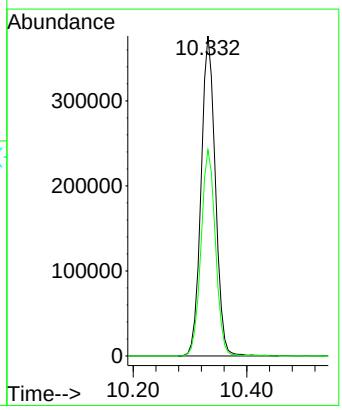


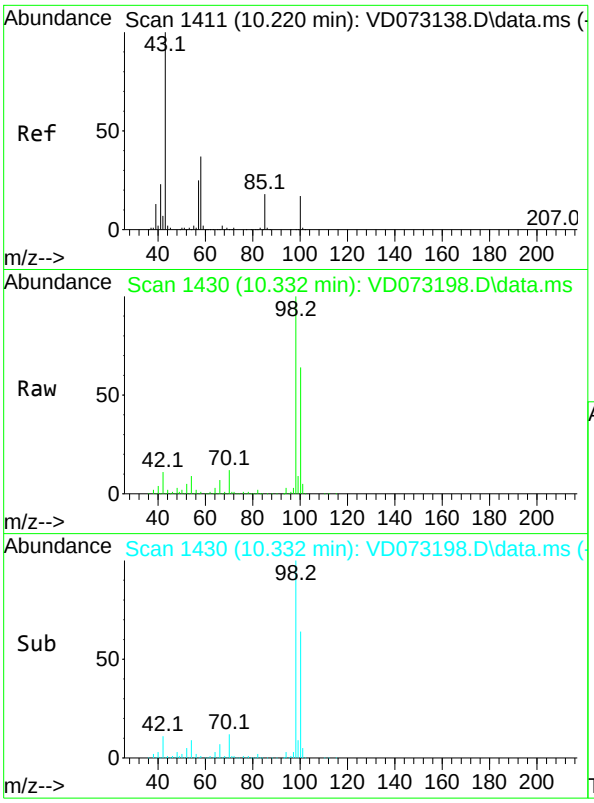


#50
Toluene-d8
Concen: 50.810 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 98 Resp: 654983

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6



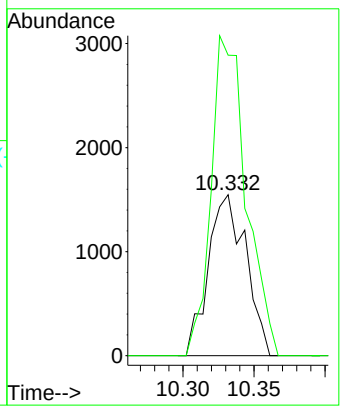


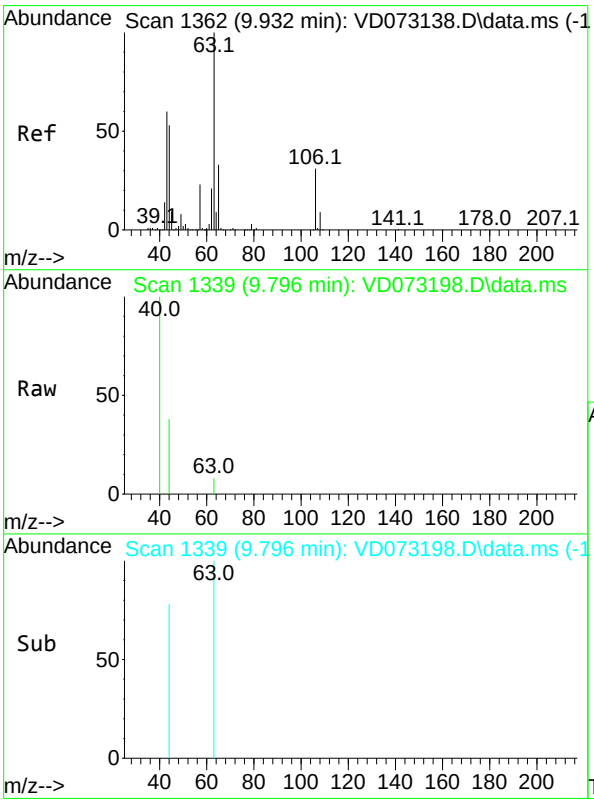
#51
4-Methyl-2-Pentanone
Concen: 1.425 ug/l
RT: 10.332 min Scan# 14
Delta R.T. 0.112 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion: 43 Resp: 2841

Ion	Ratio	Lower	Upper
43	100		
58	185.9	28.6	43.0#

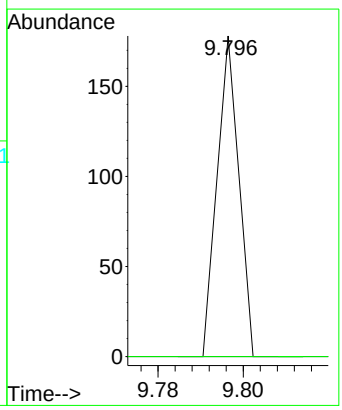


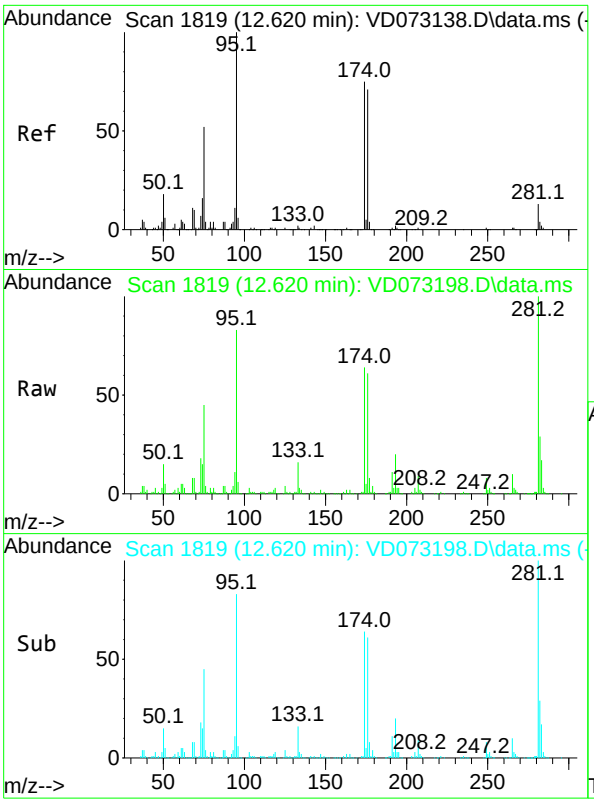


#58
2-Chloroethyl Vinyl ether
Concen: 21.659 ug/l
RT: 9.796 min Scan# 1339
Delta R.T. -0.136 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 63 Resp: 63

Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.4	32.0#



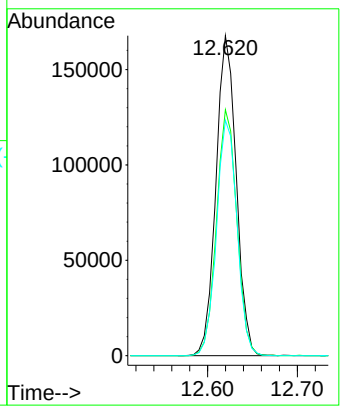


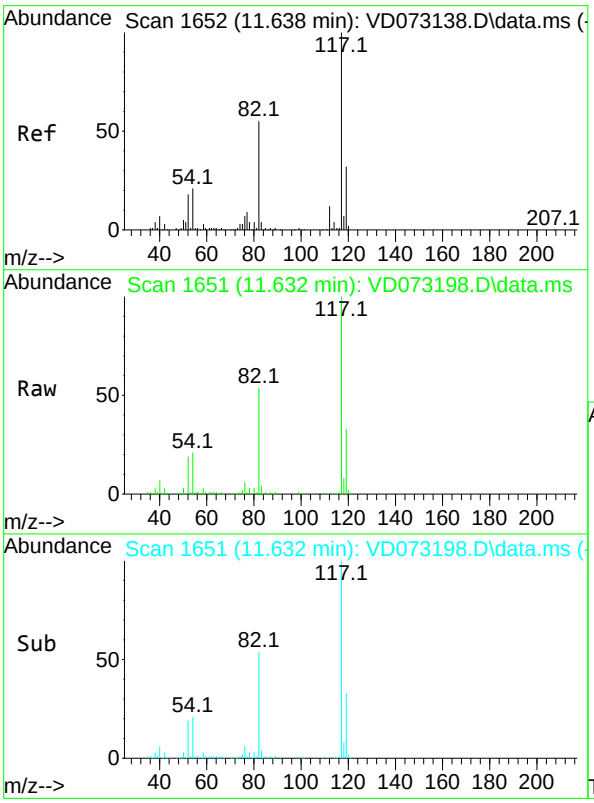
#62
4-Bromofluorobenzene
Concen: 58.216 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion: 95 Resp: 263365

Ion	Ratio	Lower	Upper
95	100		
174	77.1	0.0	152.8
176	74.2	0.0	145.4

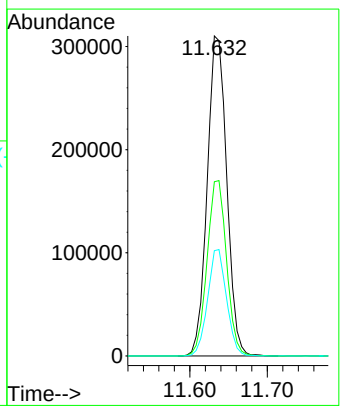


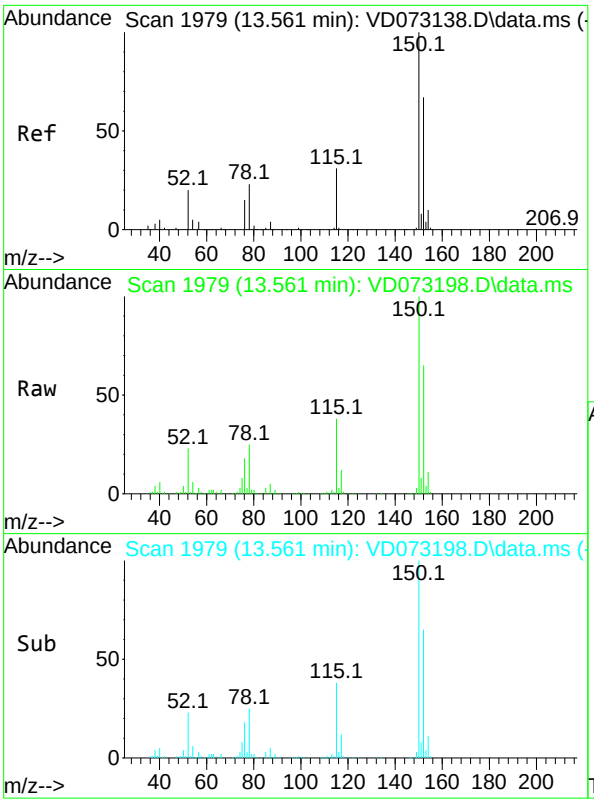


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion:117 Resp: 543436

Ion	Ratio	Lower	Upper
117	100		
82	54.5	45.3	67.9
119	32.9	26.6	40.0



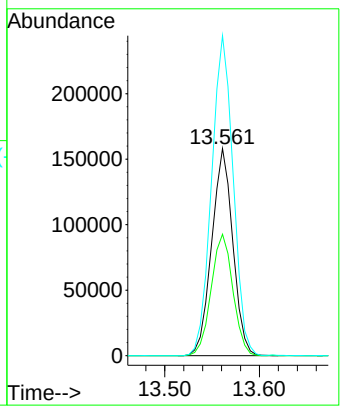


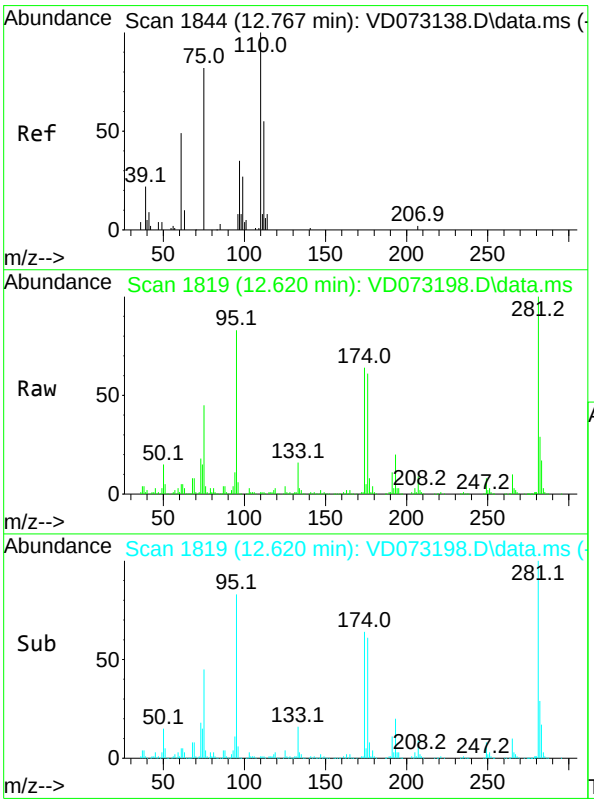
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion:152 Resp: 245181

Ion	Ratio	Lower	Upper
152	100		
115	60.2	31.3	93.8
150	158.1	0.0	348.6

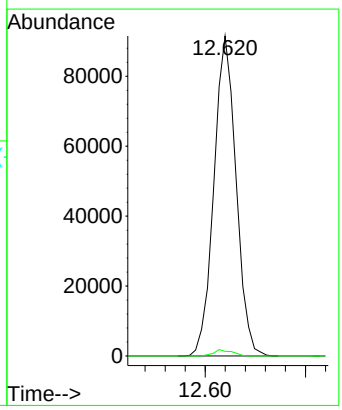


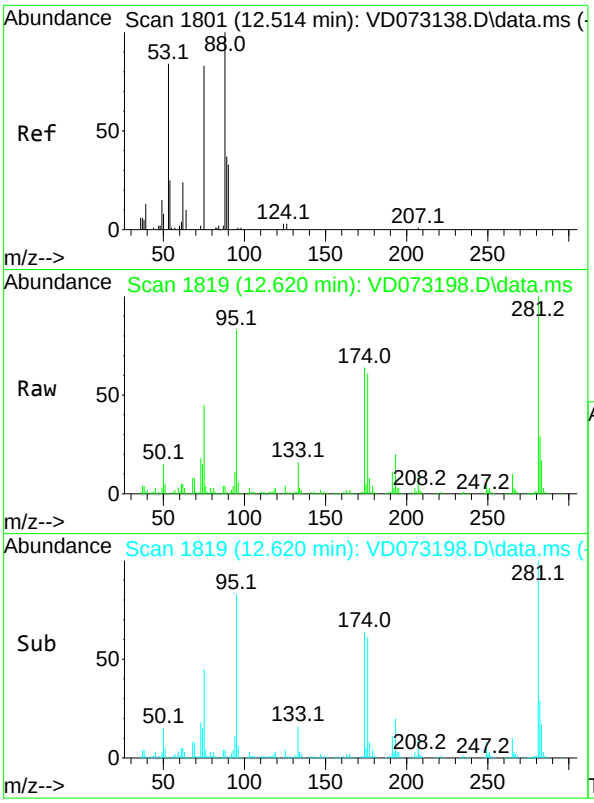


#76
1,2,3-Trichloropropane
Concen: 58.369 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion: 75 Resp: 140415

Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#



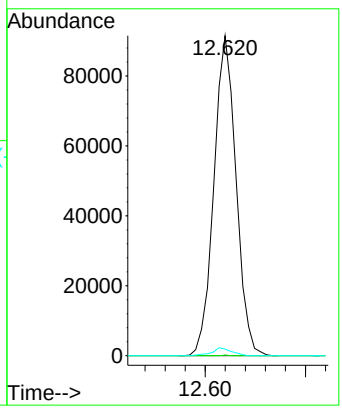


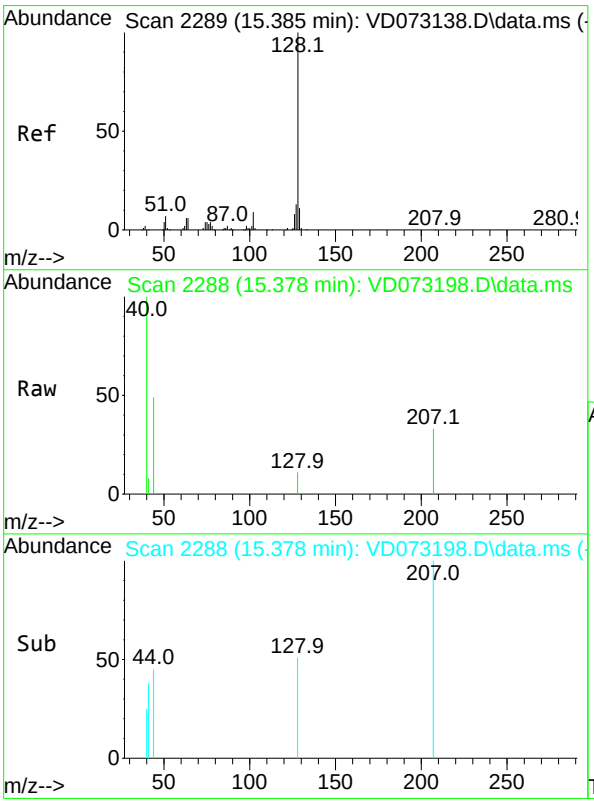
#81
trans-1,4-Dichloro-2-butene
Concen: 140.126 ug/l
RT: 12.620 min Scan# 1
Delta R.T. 0.106 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Instrument :
MSVOA_D
ClientSampleId :
RATZER-RD-SP-1-4

Tgt Ion: 75 Resp: 140415

Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.5	129.7#
89	2.2	33.9	50.9#





#95
Naphthalene
Concen: 3.553 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD073198.D
Acq: 20 May 2022 22:16

Tgt Ion:128 Resp: 104

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#