Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
Data File : VD073004.D
Acq On : 13 May 2022 22:13
Operator : VA/SY
Sample : N2816-14
Misc : 5.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Quant Time: May 16 05:17:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.973	168	333104	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	589812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	263734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177609	41.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 82.160%			
35) Dibromofluoromethane	7.909	113	194670	46.363	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.720%			
50) Toluene-d8	10.332	98	728055	48.339	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.680%			
62) 4-Bromofluorobenzene	12.620	95	265449	47.266	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.540%			
Target Compounds						Qvalue
5) Bromomethane	2.785	94	744	Below Cal	#	74
11) Tert butyl alcohol	5.185	59	7513	20.082	ug/l #	74
16) Acetone	4.150	43	1436	Below Cal	#	51
18) Methyl Acetate	4.944	43	59	Below Cal	#	55
20) Methylene Chloride	4.968	84	17393	Below Cal	#	76
25) 2-Butanone	7.191	43	1860	1.476	ug/l #	52
31) Cyclohexane	7.973	56	8094	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	29026	4.251	ug/l #	51
38) Carbon Tetrachloride	7.973	117	34800	4.910	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	136705	46.486	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	136705	106.898	ug/l #	8

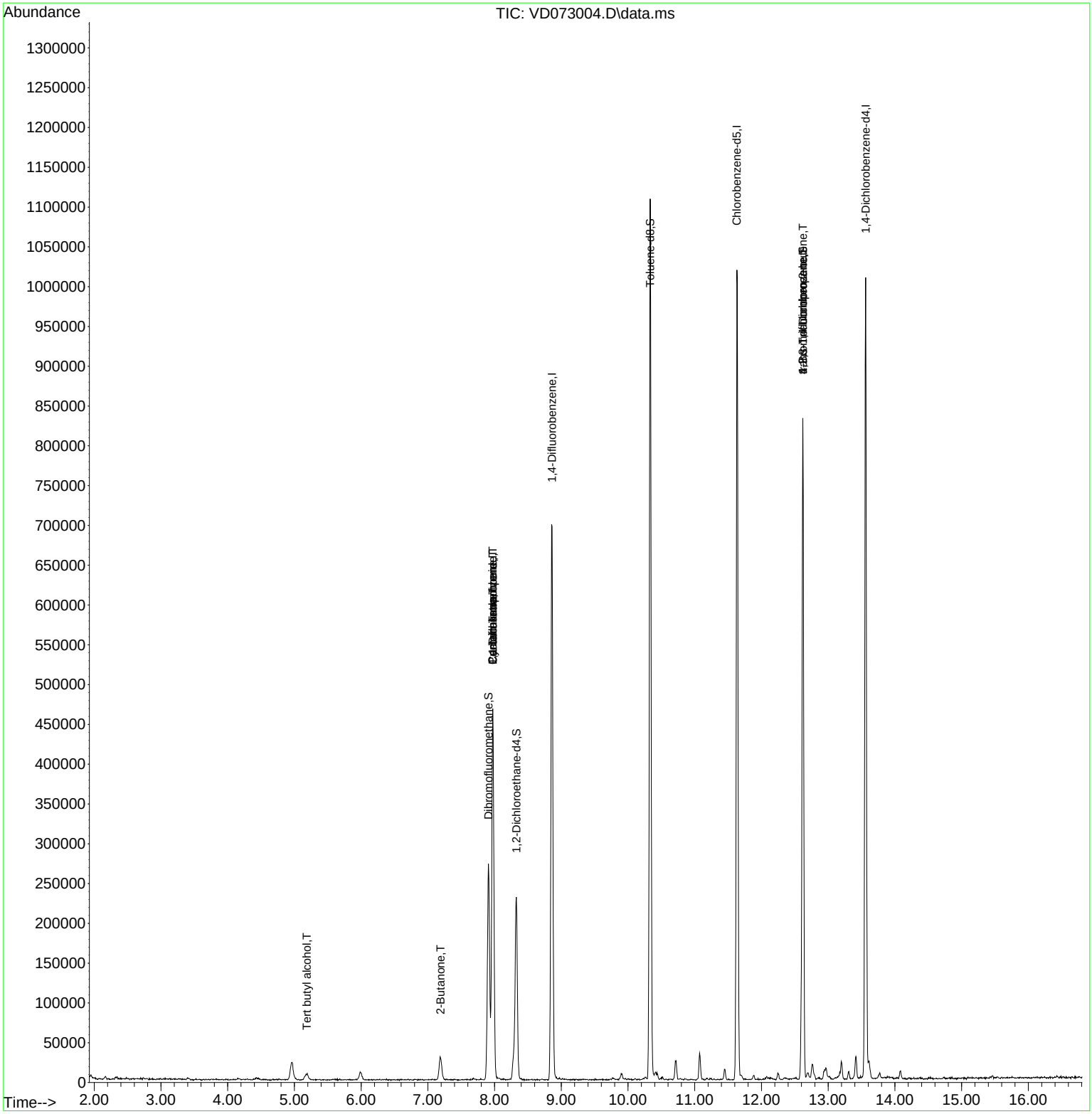
(#) = qualifier out of range (m) = manual integration (+) = signals summed

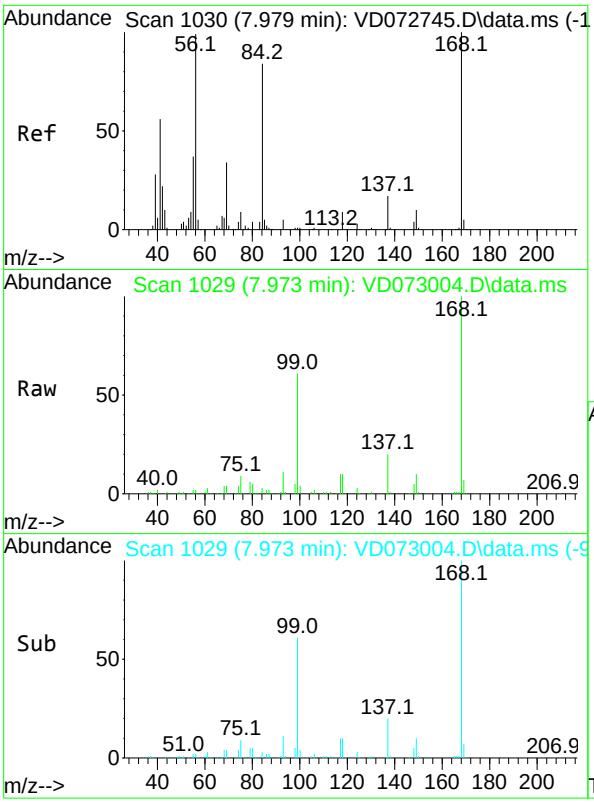
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
Data File : VD073004.D
Acq On : 13 May 2022 22:13
Operator : VA/SY
Sample : N2816-14
Misc : 5.28G/5.00ml/MSVOA_D/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Quant Time: May 16 05:17:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration



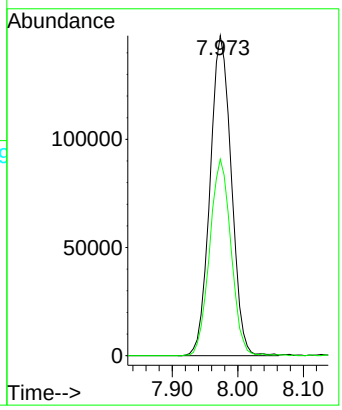


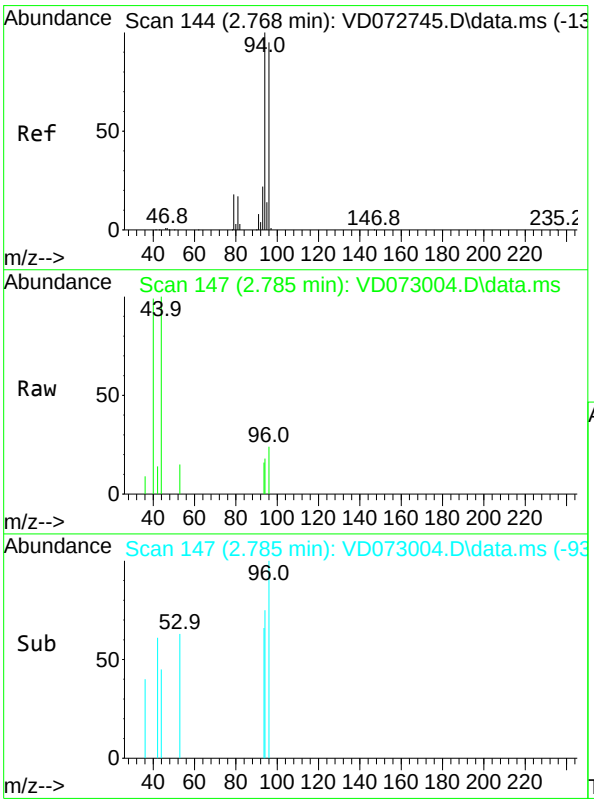
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion:168 Resp: 333104

Ion	Ratio	Lower	Upper
168	100		
99	61.4	49.8	74.6

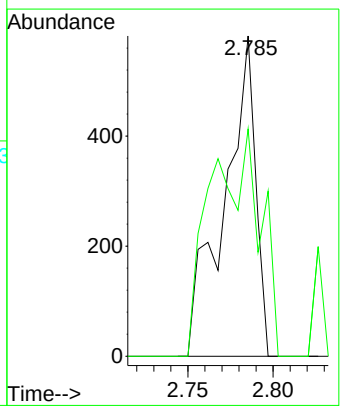


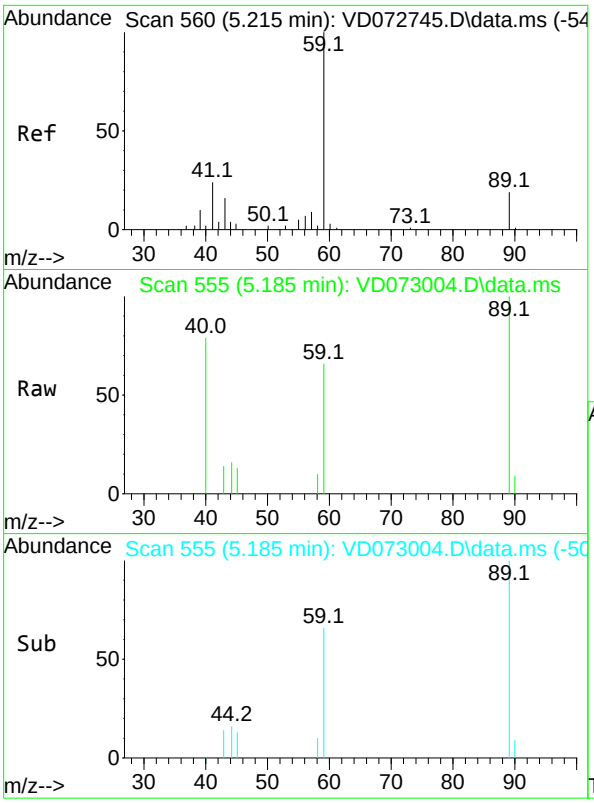


#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.017 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion: 94 Resp: 744

Ion	Ratio	Lower	Upper
94	100		
96	71.0	77.6	116.4#



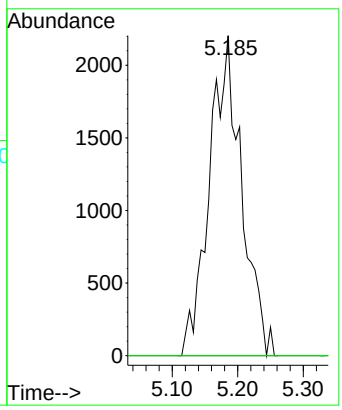


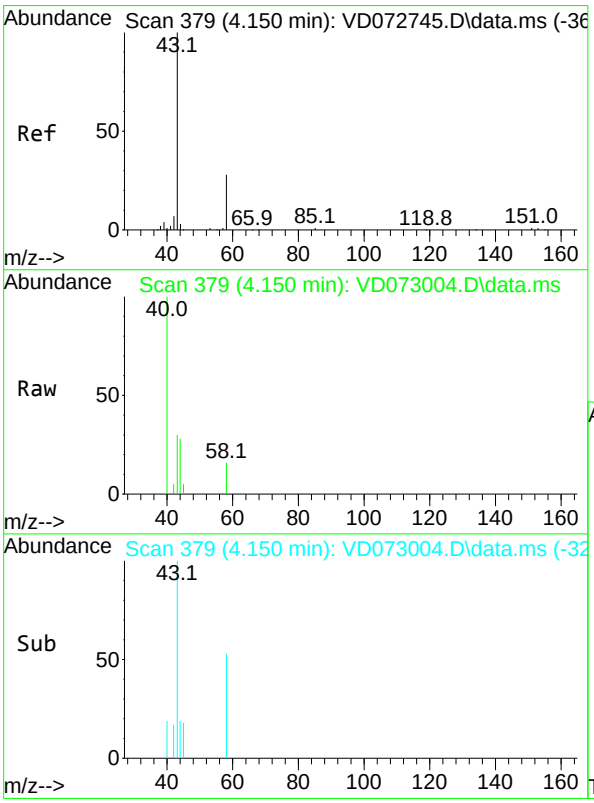
#11
Tert butyl alcohol
Concen: 20.082 ug/l
RT: 5.185 min Scan# 5
Delta R.T. -0.030 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion: 59 Resp: 7513

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

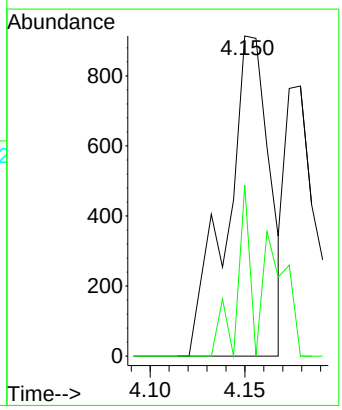


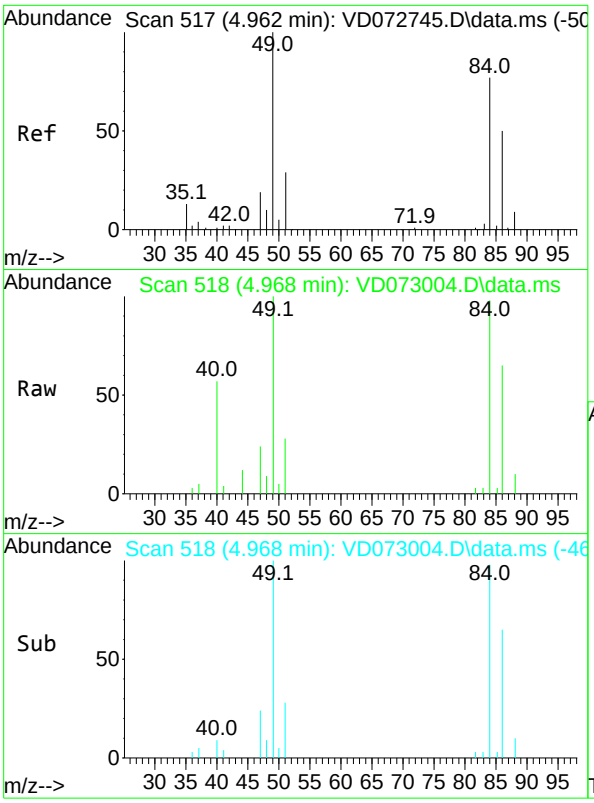


#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion: 43 Resp: 1436

Ion	Ratio	Lower	Upper
43	100		
58	53.4	22.1	33.1#



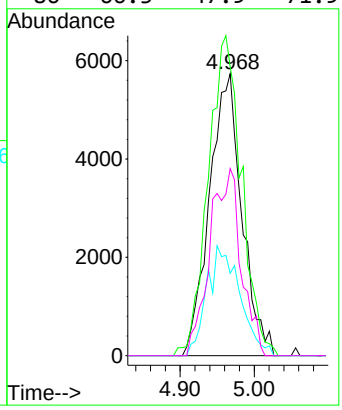


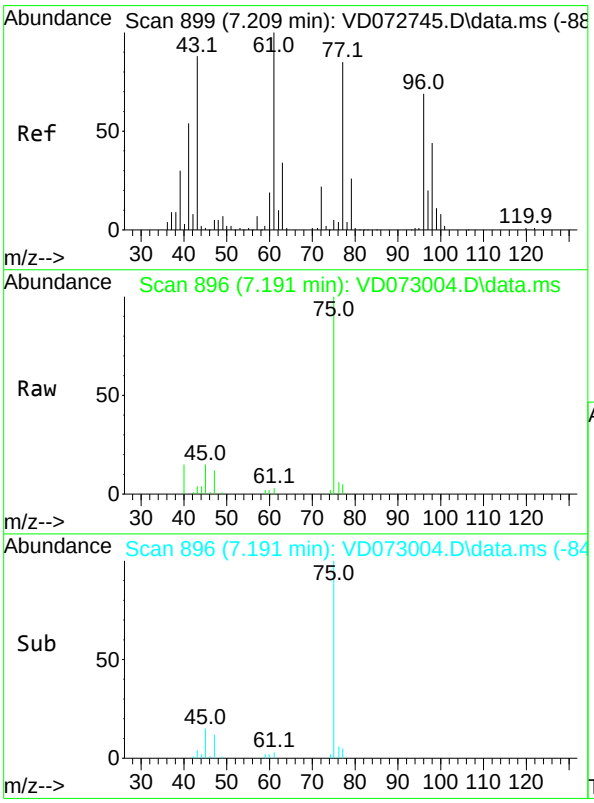
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion: 84 Resp: 17393

Ion	Ratio	Lower	Upper
84	100		
49	102.4	112.8	169.2#
51	29.2	32.6	48.8#
86	66.3	47.9	71.9

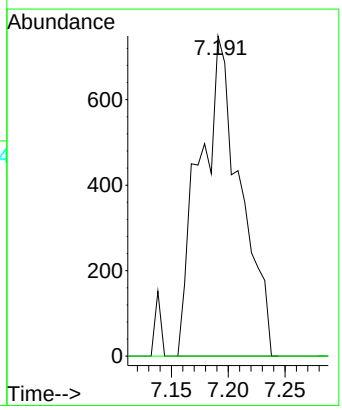


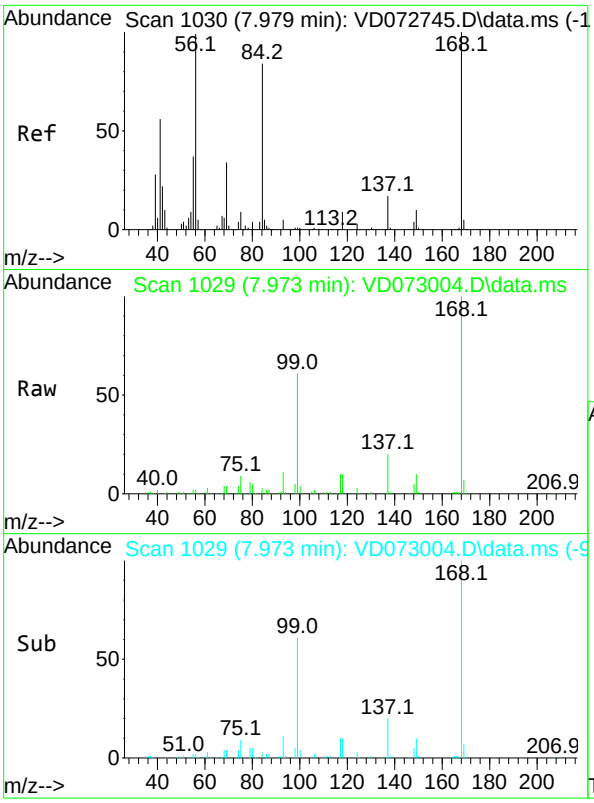


#25
2-Butanone
Concen: 1.476 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion: 43 Resp: 1860

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#



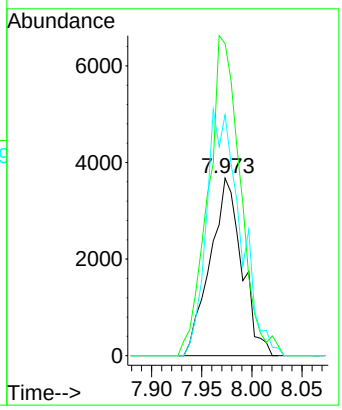


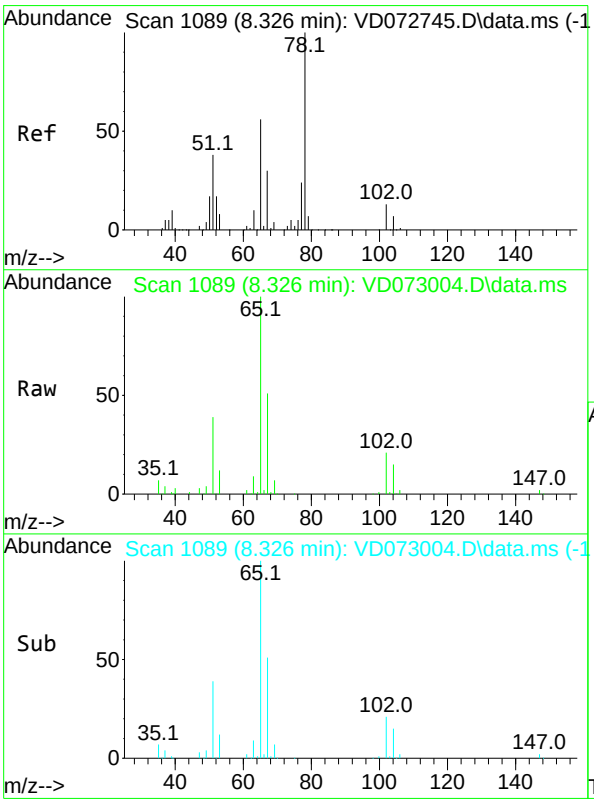
#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion: 56 Resp: 8094

Ion	Ratio	Lower	Upper
56	100		
69	176.0	25.4	38.2#
84	135.7	63.0	94.4#

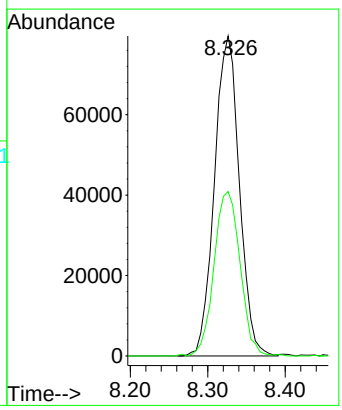


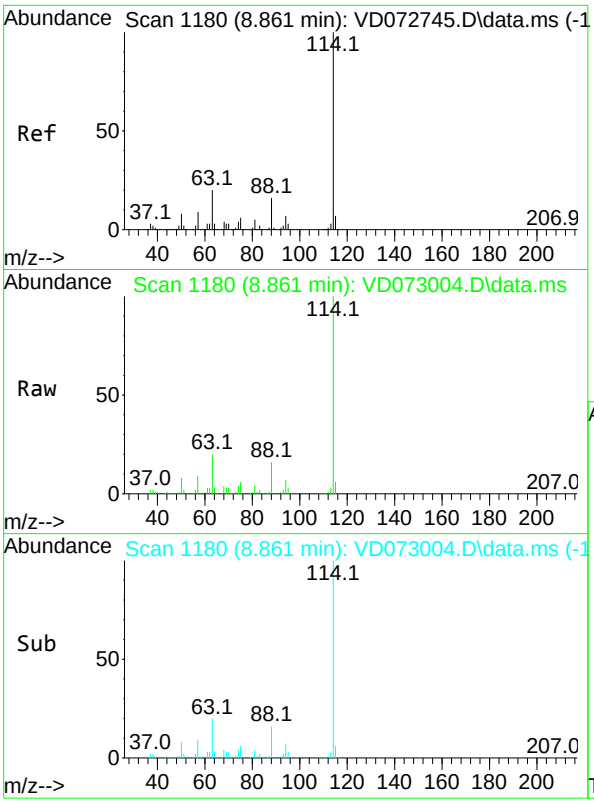


#33
1,2-Dichloroethane-d4
Concen: 41.076 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion: 65 Resp: 177609

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	101.4



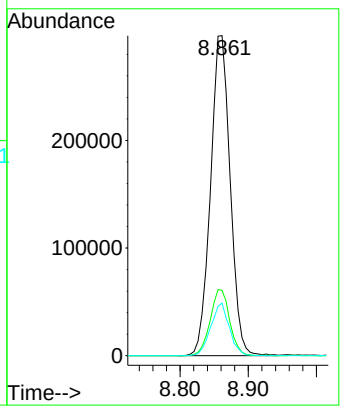


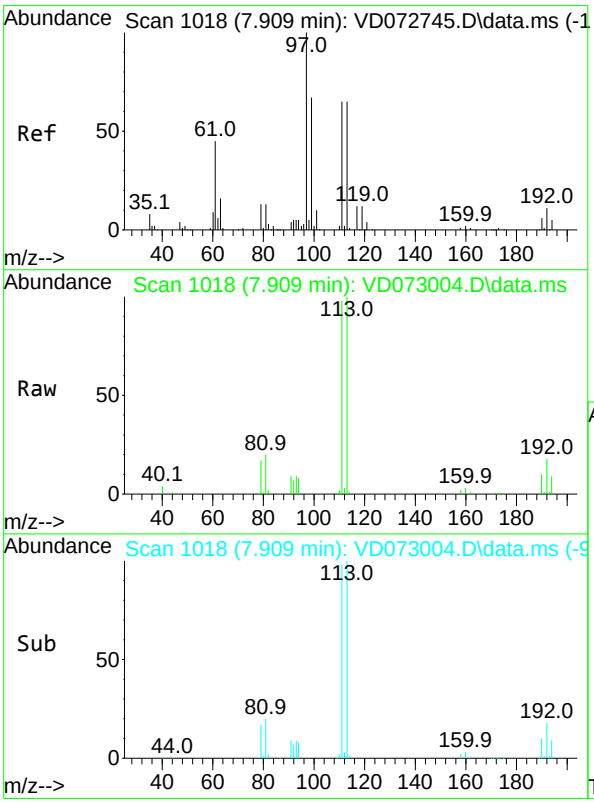
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion:114 Resp: 597856

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	46.6
88	16.4	0.0	33.2

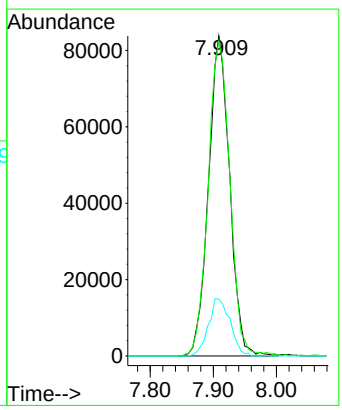


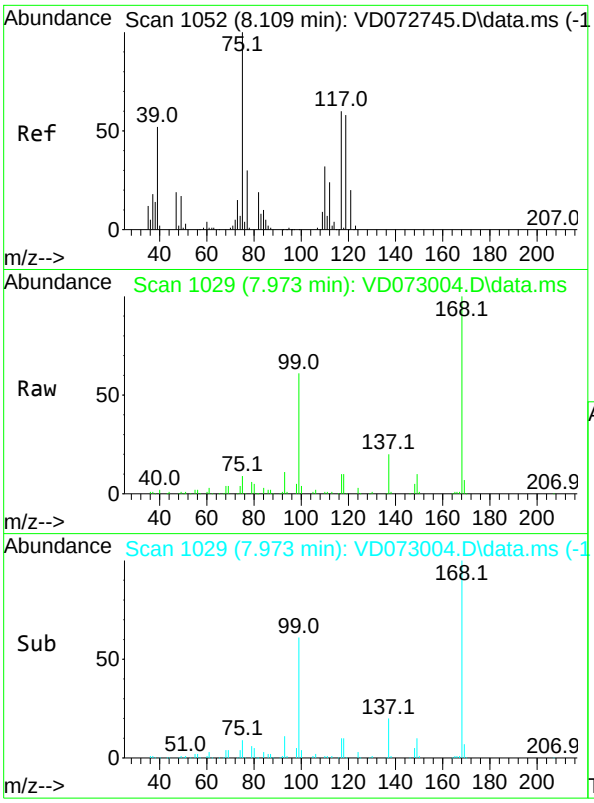


#35
Dibromofluoromethane
Concen: 46.363 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion:113 Resp: 194670

Ion	Ratio	Lower	Upper
113	100		
111	101.6	83.8	125.6
192	18.4	14.6	21.8



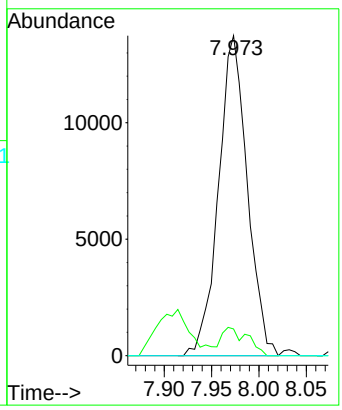


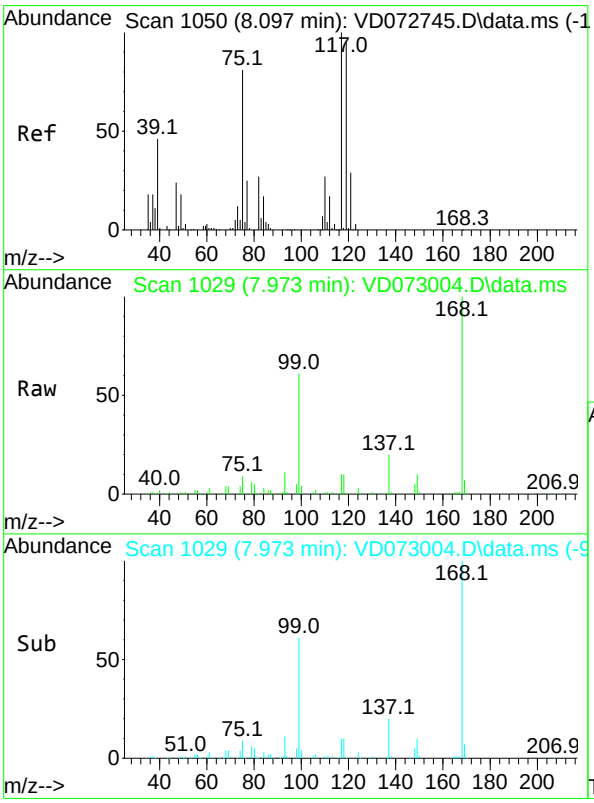
#36
1,1-Dichloropropene
Concen: 4.251 ug/l
RT: 7.973 min Scan# 1
Delta R.T. -0.136 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion: 75 Resp: 29026

Ion	Ratio	Lower	Upper
75	100		
110	8.2	16.4	49.1#
77	0.0	24.2	36.2#

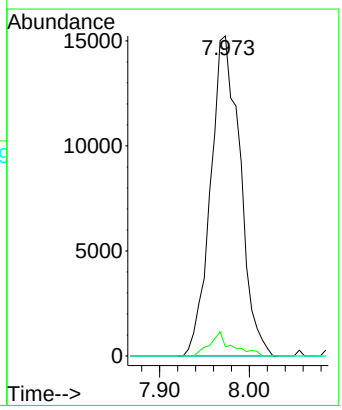


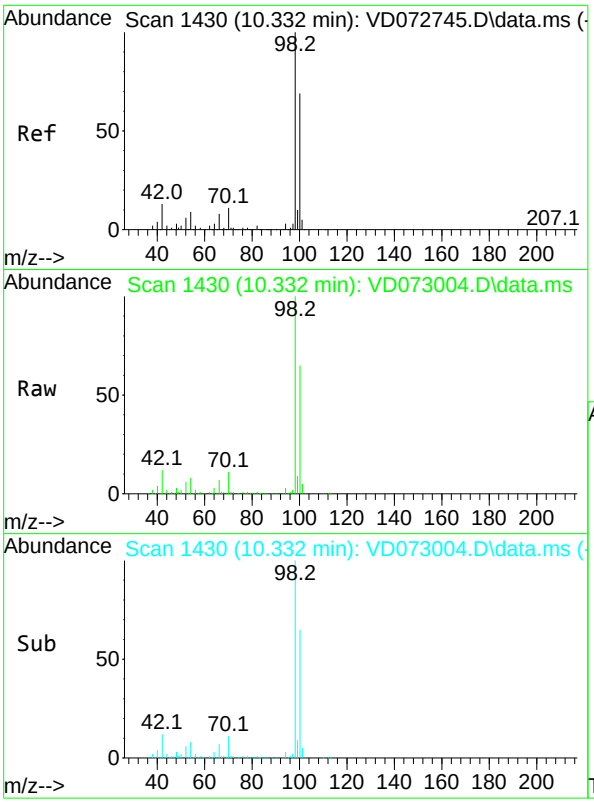


#38
Carbon Tetrachloride
Concen: 4.910 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion:117 Resp: 34800

Ion	Ratio	Lower	Upper
117	100		
119	2.9	75.8	113.6#
121	0.0	24.5	36.7#



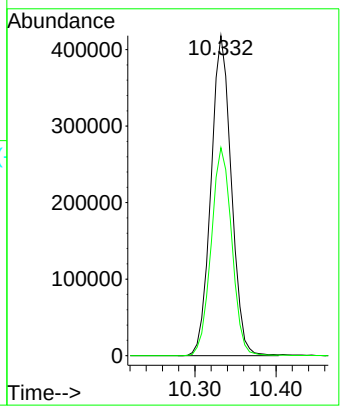


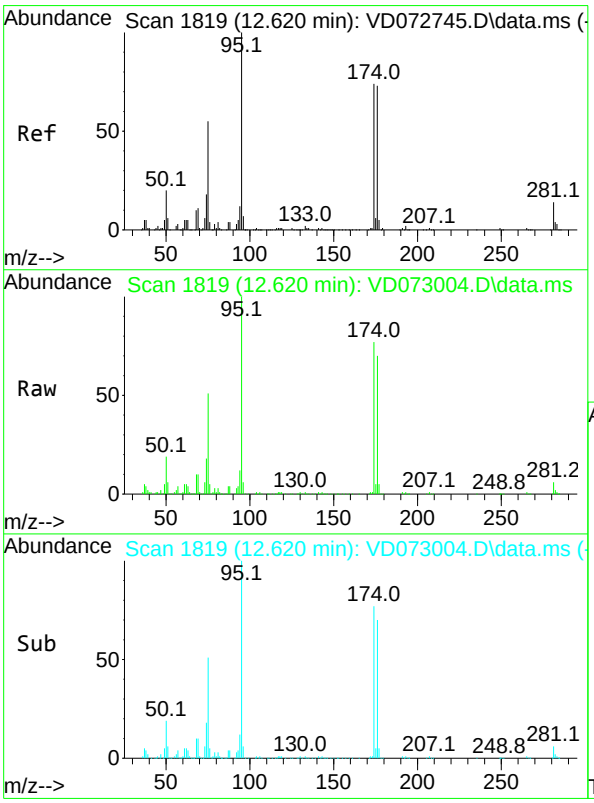
#50
Toluene-d8
Concen: 48.339 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion: 98 Resp: 728055

Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.4	78.6

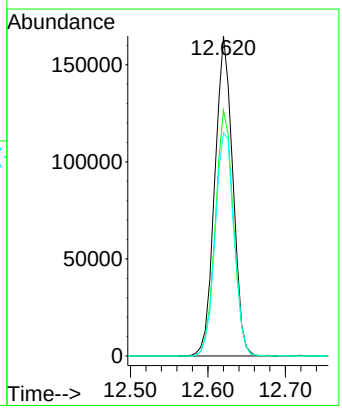


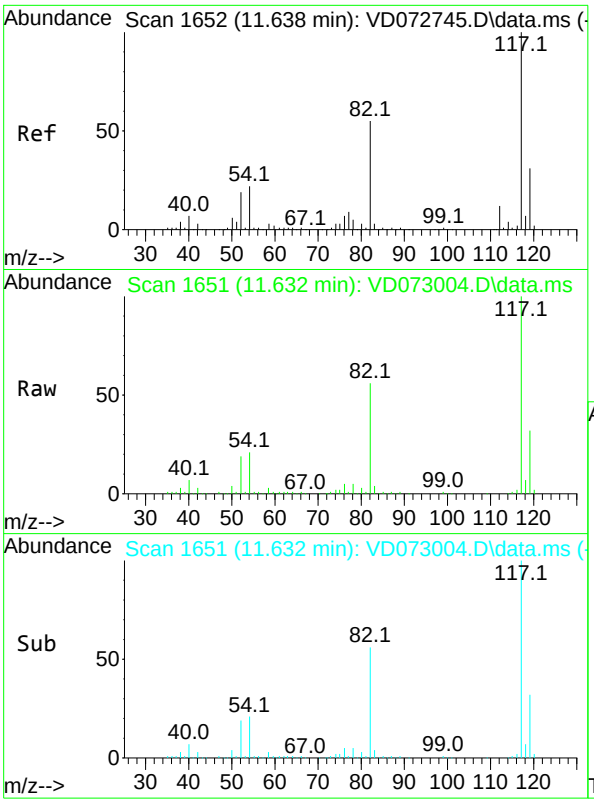


#62
4-Bromofluorobenzene
Concen: 47.266 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion: 95 Resp: 265449

Ion	Ratio	Lower	Upper
95	100		
174	77.4	0.0	152.8
176	73.2	0.0	145.4



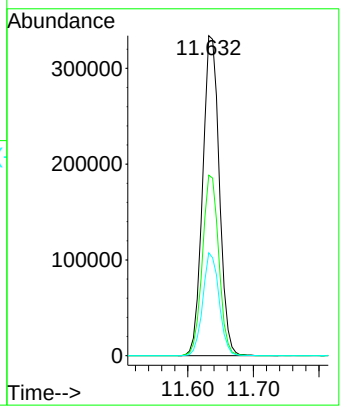


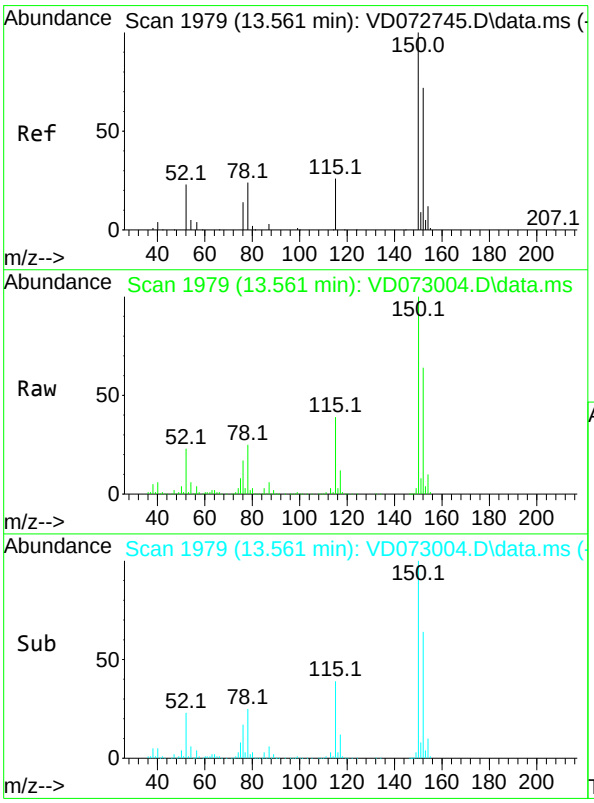
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion:117 Resp: 589812

Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.3	67.9
119	32.1	26.6	40.0

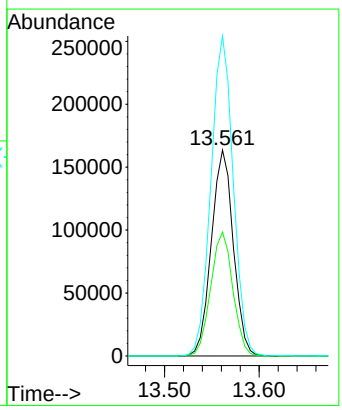


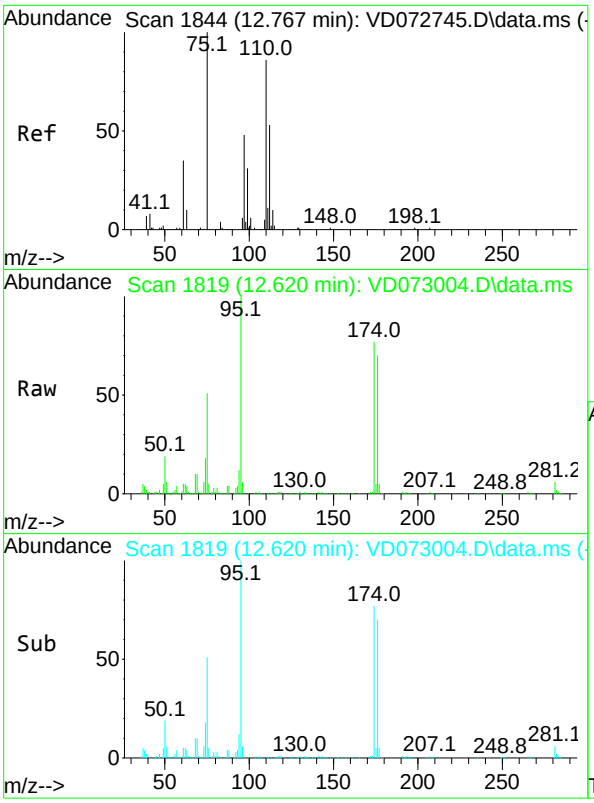


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion:152 Resp: 263734

Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.3	93.8
150	157.8	0.0	348.6



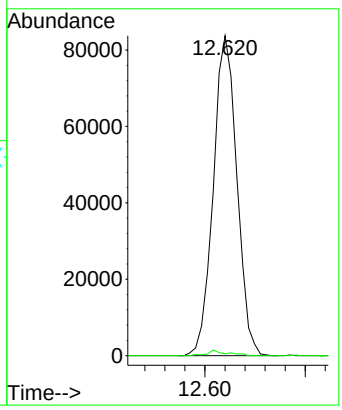


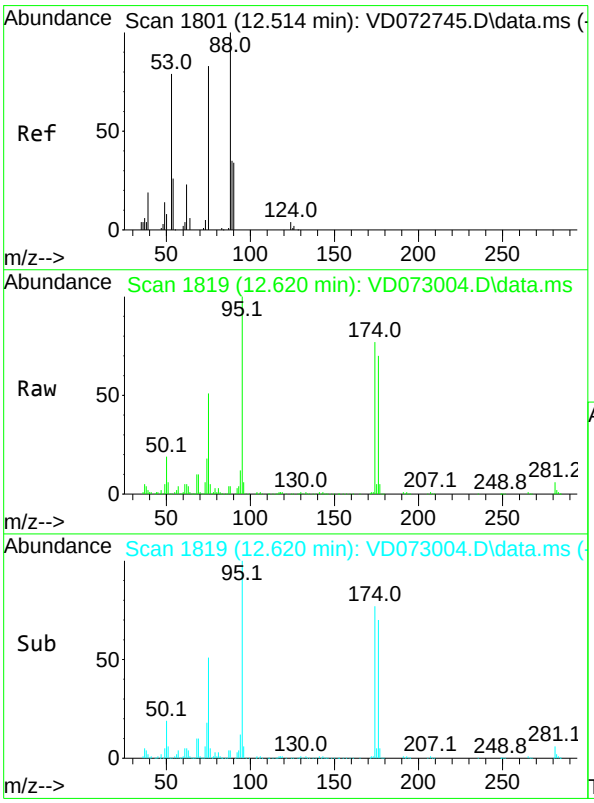
#76
1,2,3-Trichloropropane
Concen: 46.486 ug/l
RT: 12.620 min Scan# 1
Delta R.T. -0.147 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Instrument :
MSVOA_D
ClientSampleId :
P007-SS006-0006-01

Tgt Ion: 75 Resp: 136705

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.898 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073004.D
Acq: 13 May 2022 22:13

Tgt Ion: 75 Resp: 136705

Ion	Ratio	Lower	Upper
75	100		
53	1.0	86.5	129.7#
89	0.0	33.9	50.9#