Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
Data File : VD072051.D
Acq On : 22 Feb 2022 12:17
Operator : VA/SY
Sample : N1626-01
Misc : 4.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 23 05:29:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.979	168	564647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	983837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	935098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	434324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	280927	47.964	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 95.920%			
35) Dibromofluoromethane	7.915	113	302492	50.747	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.500%			
50) Toluene-d8	10.338	98	1206890	54.598	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.200%			
62) 4-Bromofluorobenzene	12.626	95	430439	53.011	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.020%			
Target Compounds						Qvalue
5) Bromomethane	2.779	94	1365	Below Cal		95
10) Methyl Iodide	4.297	142	772	3.037	ug/l #	67
11) Tert butyl alcohol	5.226	59	838	2.508	ug/l #	80
16) Acetone	4.150	43	1930	1.525	ug/l #	85
18) Methyl Acetate	4.726	43	241	Below Cal	#	52
20) Methylene Chloride	4.973	84	15118	2.400	ug/l #	85
25) 2-Butanone	7.215	43	2040	1.166	ug/l #	50
31) Cyclohexane	7.979	56	16420	1.587	ug/l #	19
38) Carbon Tetrachloride	7.979	117	57466	6.210	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	221476	53.834	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	221476	134.813	ug/l #	10

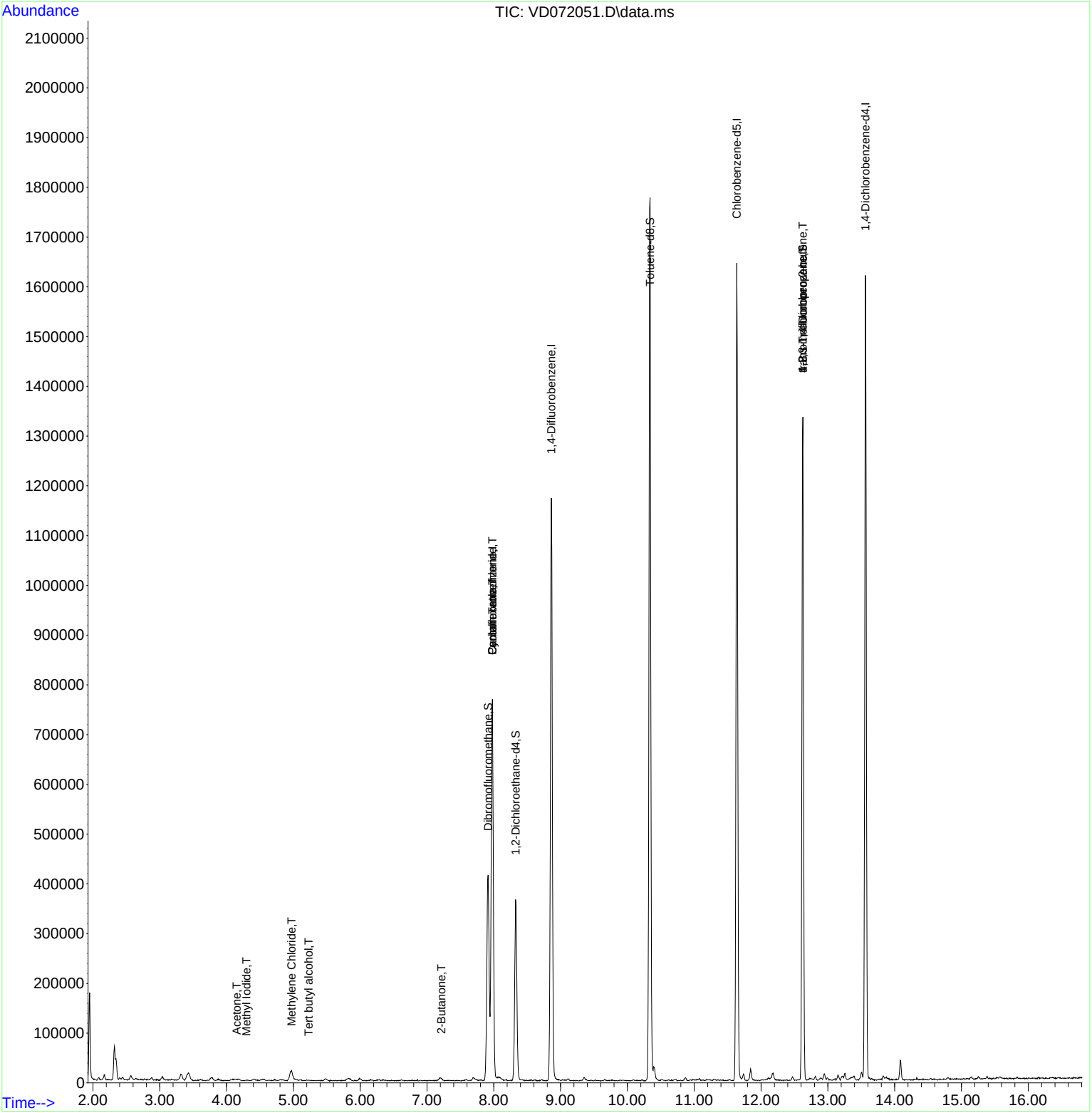
(#) = qualifier out of range (m) = manual integration (+) = signals summed

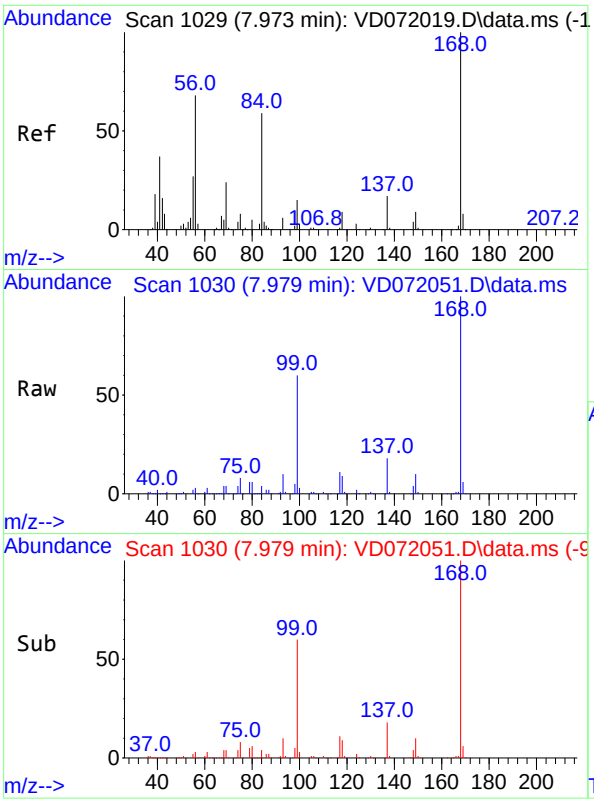
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022222\
Data File : VD072051.D
Acq On : 22 Feb 2022 12:17
Operator : VA/SY
Sample : N1626-01
Misc : 4.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 23 05:29:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration



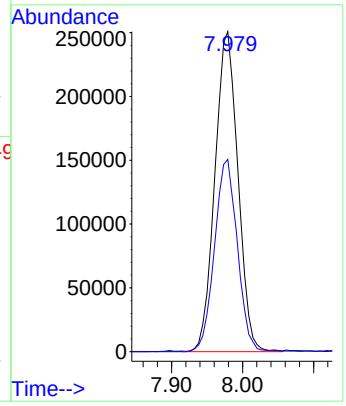


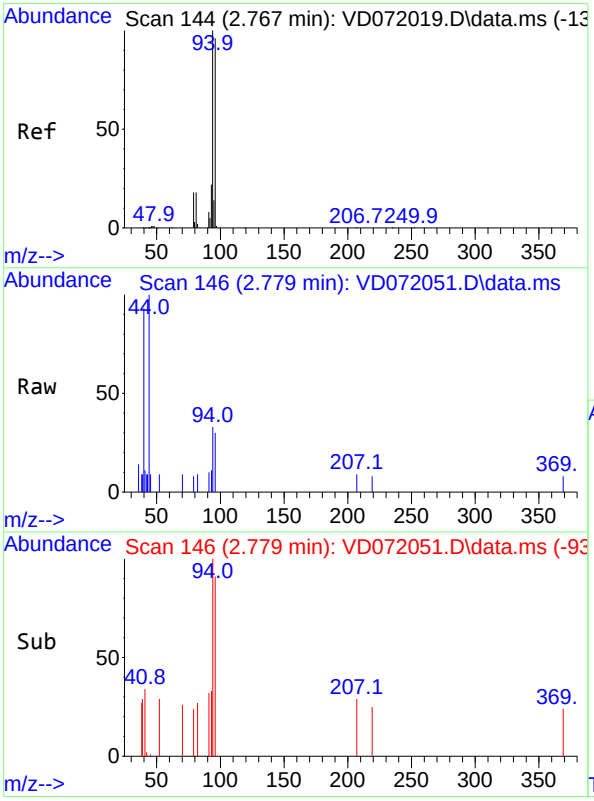
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 564647

Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.1	70.7

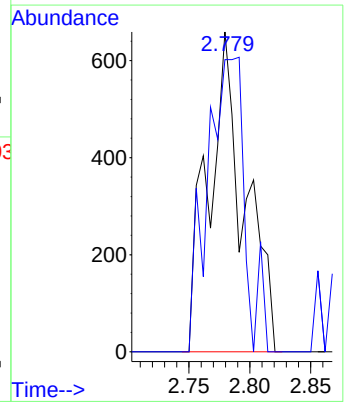


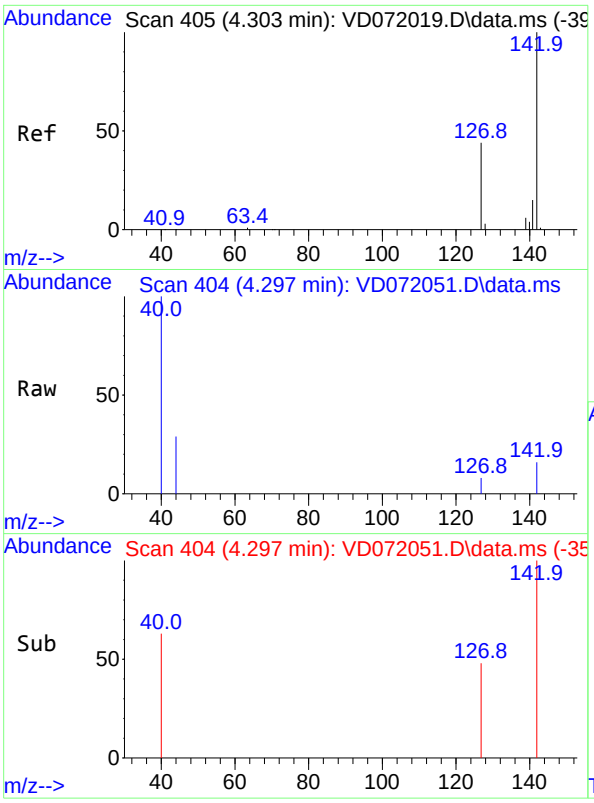


#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 94 Resp: 1365

Ion	Ratio	Lower	Upper
94	100		
96	91.4	76.8	115.2



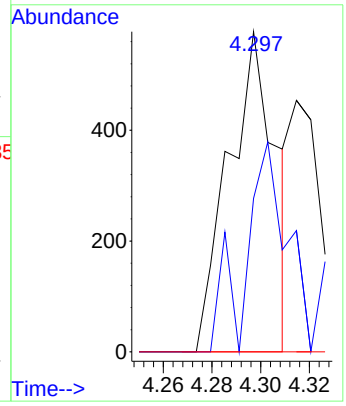


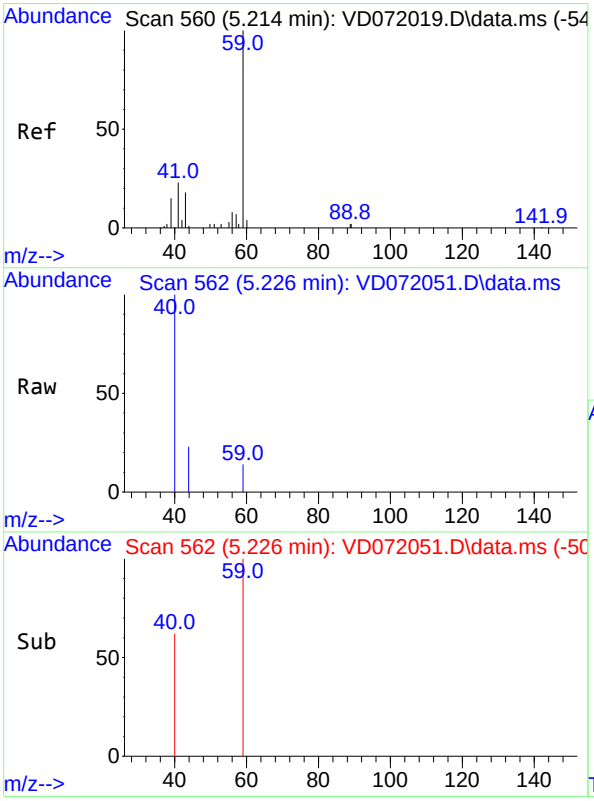
#10
Methyl Iodide
Concen: 3.037 ug/l
RT: 4.297 min Scan# 4(
Delta R.T. -0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:142 Resp: 772

Ion	Ratio	Lower	Upper
142	100		
127	65.7	35.8	53.8#
141	0.0	11.6	17.4#

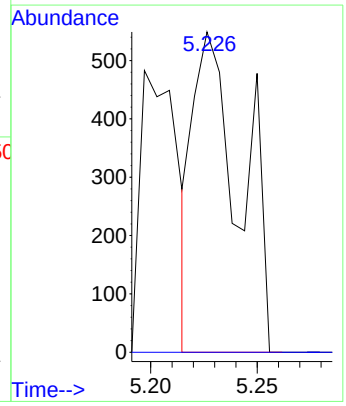


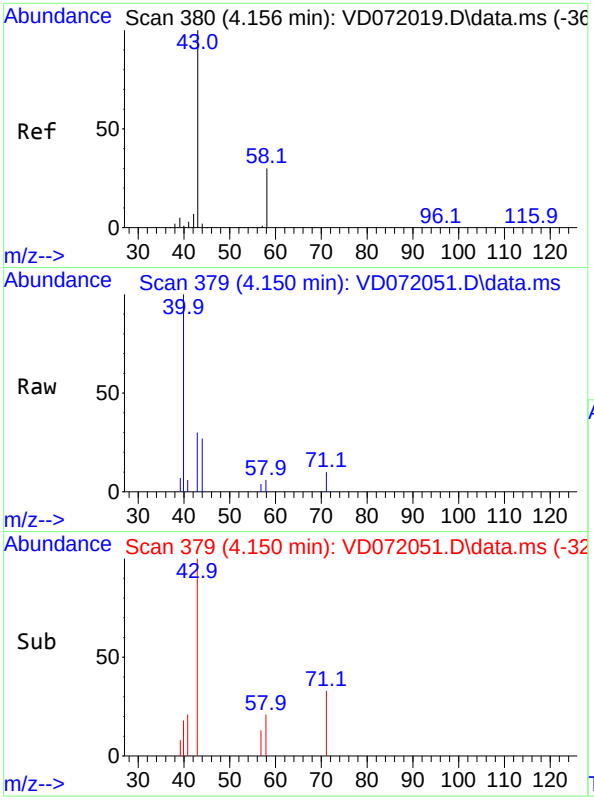


#11
Tert butyl alcohol
Concen: 2.508 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.012 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 59 Resp: 838

Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.2#



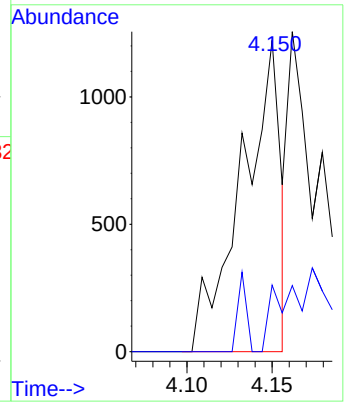


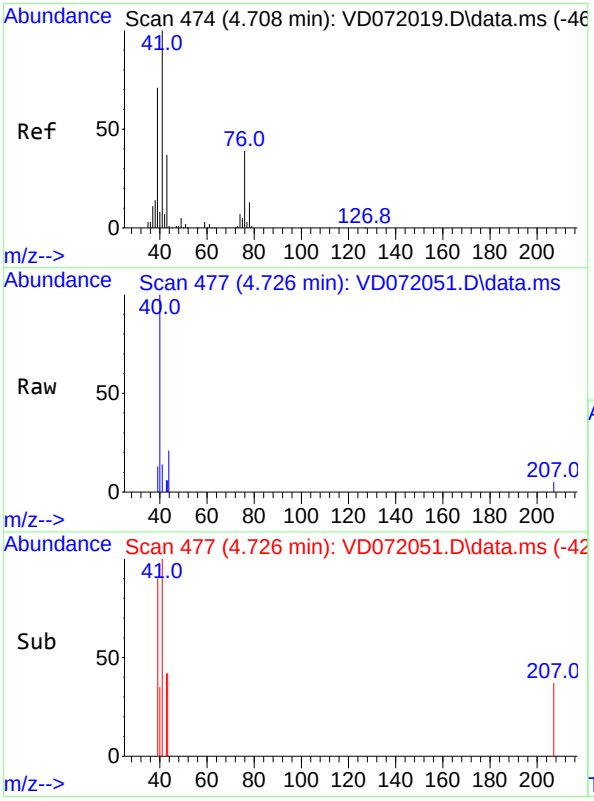
#16
Acetone
Concen: 1.525 ug/l
RT: 4.150 min Scan# 3
Delta R.T. -0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 1930

Ion	Ratio	Lower	Upper
43	100		
58	21.4	23.8	35.6#

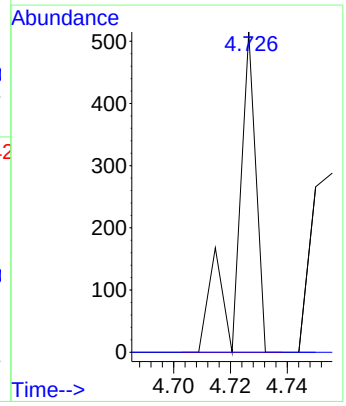


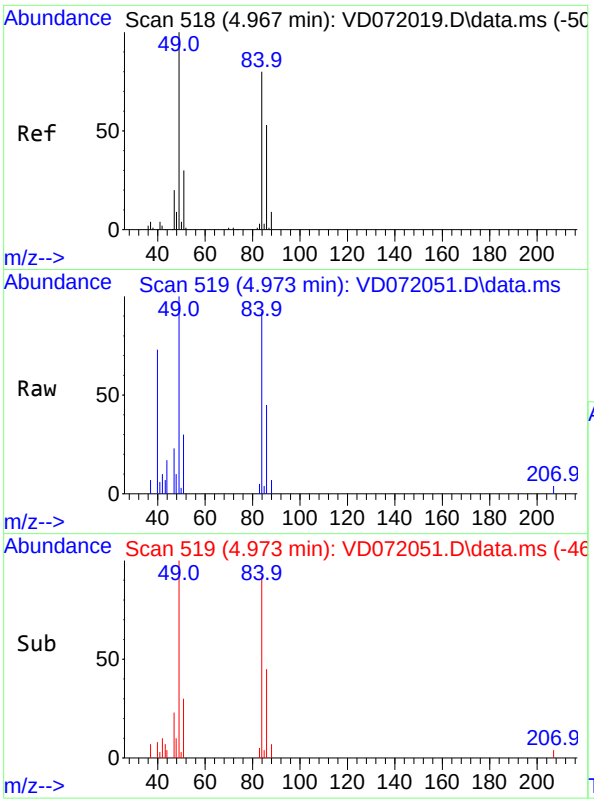


#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.018 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 43 Resp: 241

Ion	Ratio	Lower	Upper
43	100		
74	0.0	18.6	27.8#



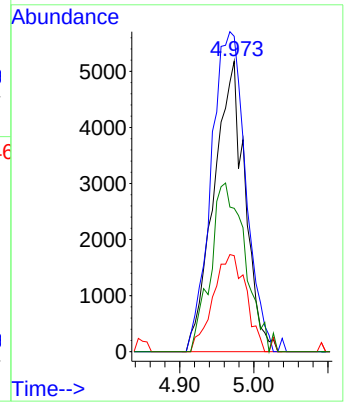


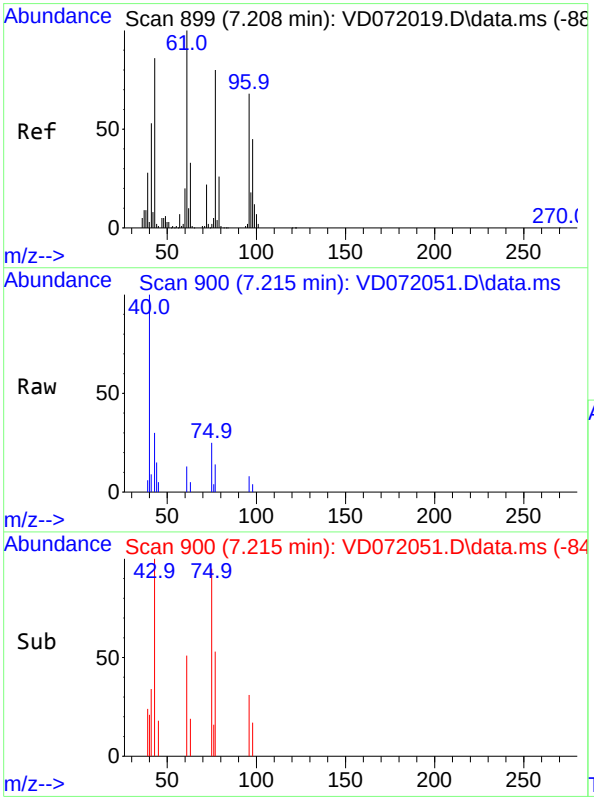
#20
Methylene Chloride
Concen: 2.400 ug/l
RT: 4.973 min Scan# 5
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 15118

Ion	Ratio	Lower	Upper
84	100		
49	108.6	100.0	150.0
51	33.0	30.2	45.4
86	49.4	52.7	79.1#

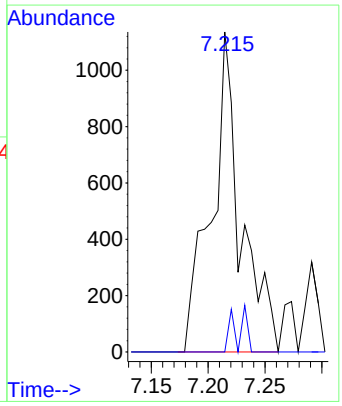


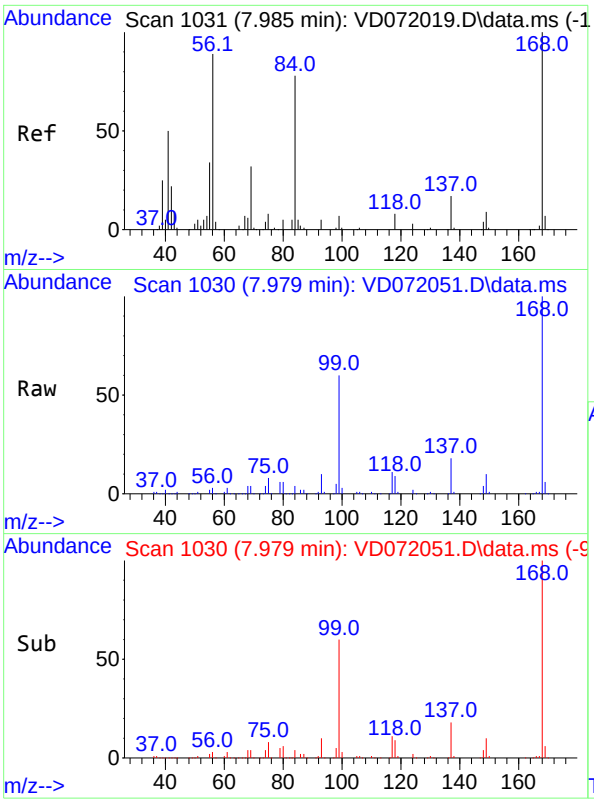


#25
2-Butanone
Concen: 1.166 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 43 Resp: 2040

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5#



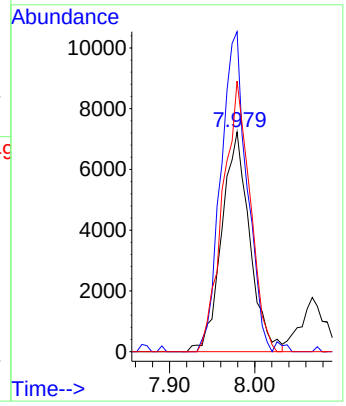


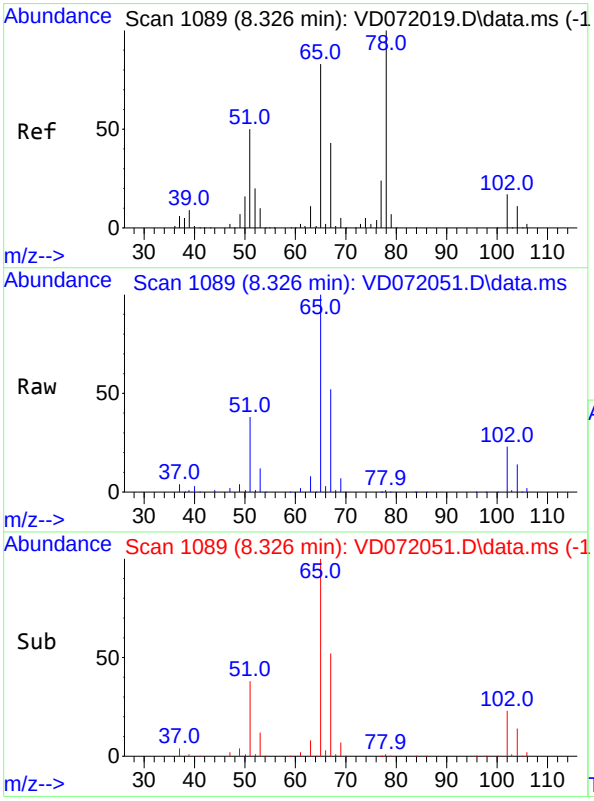
#31
Cyclohexane
Concen: 1.587 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 16420

Ion	Ratio	Lower	Upper
56	100		
69	145.7	28.9	43.3#
84	123.2	70.6	105.8#

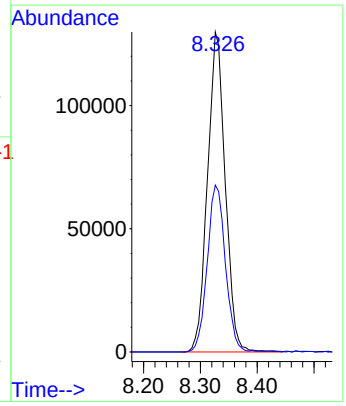


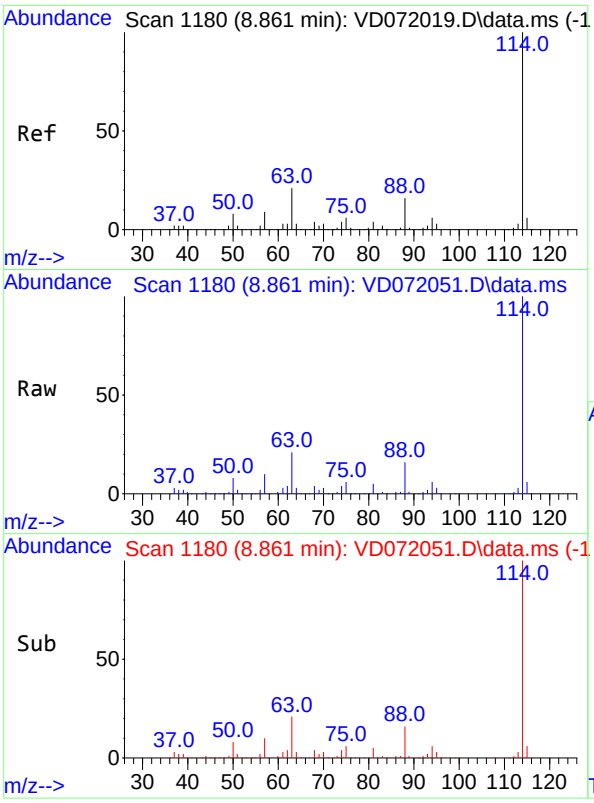


#33
1,2-Dichloroethane-d4
Concen: 47.964 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 65 Resp: 280927

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	105.6



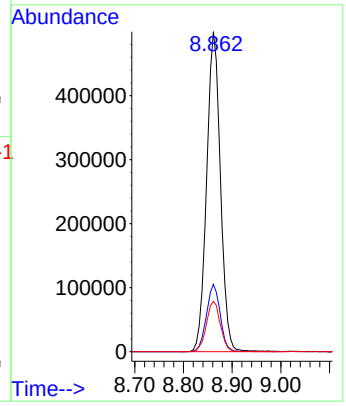


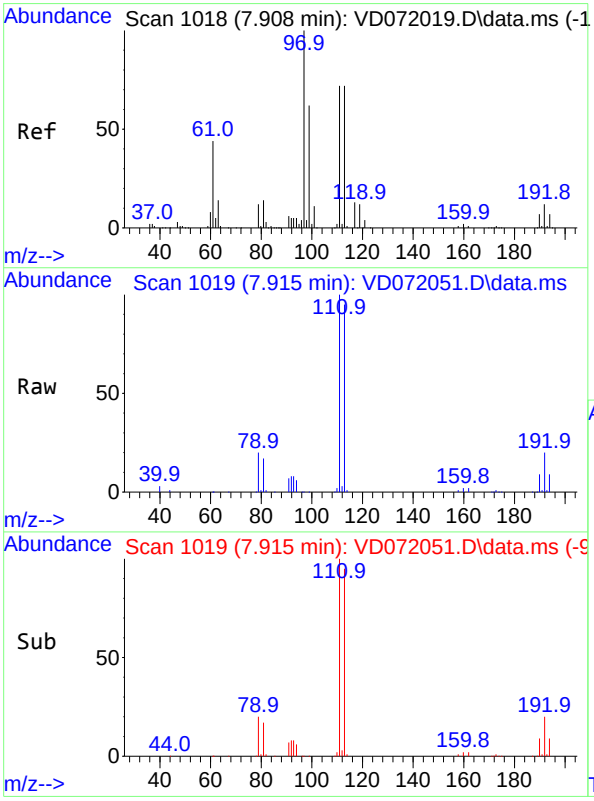
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 983837

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.2
88	15.7	0.0	31.2

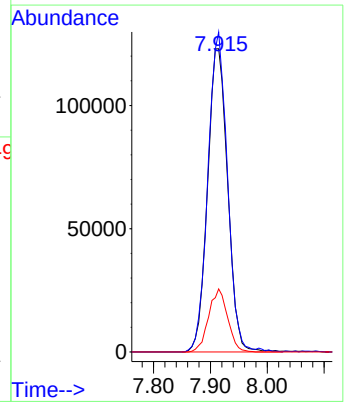


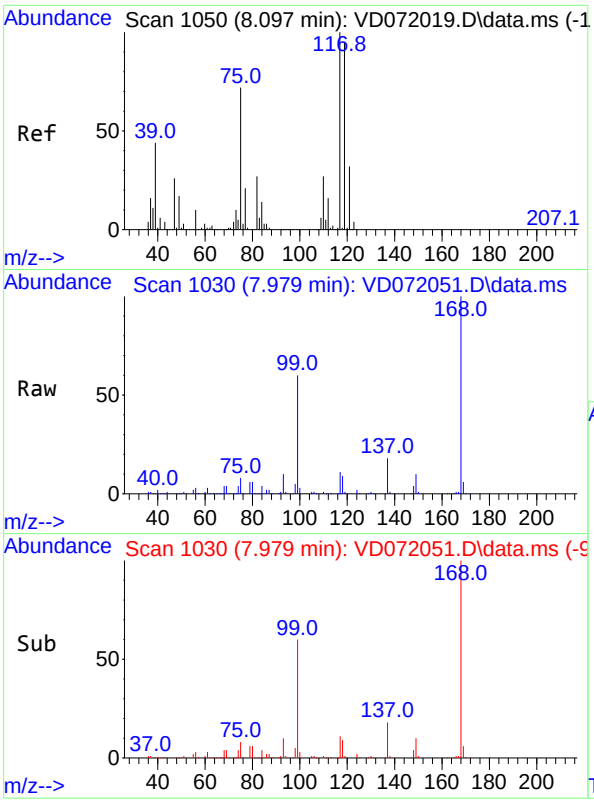


#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 7.915 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion:113 Resp: 302492

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	19.6	15.3	22.9



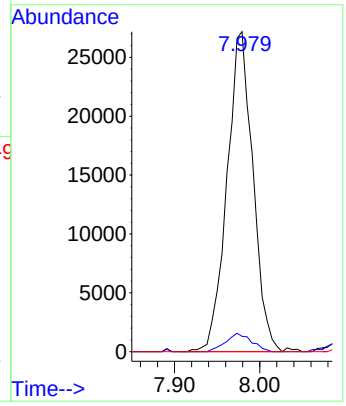


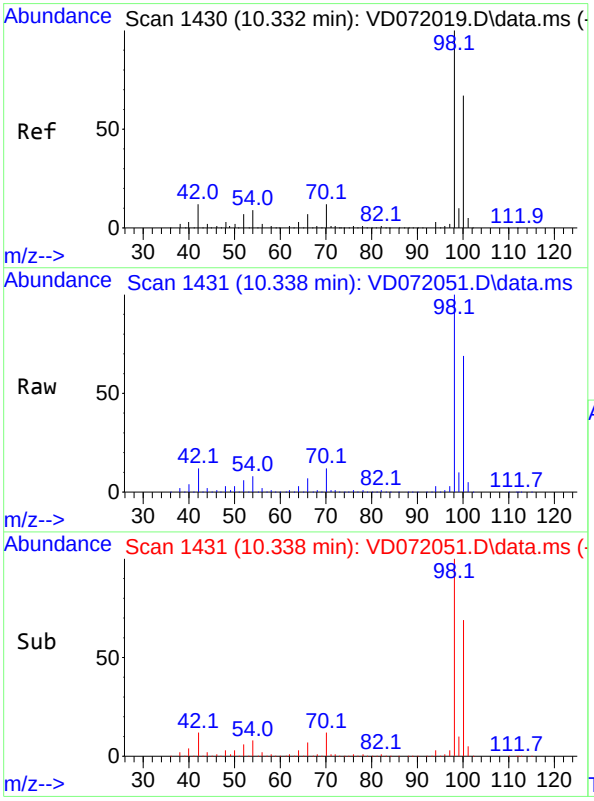
#38
Carbon Tetrachloride
Concen: 6.210 ug/l
RT: 7.979 min Scan# 1
Delta R.T. -0.117 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:117 Resp: 57466

Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.8	113.8#
121	0.0	25.8	38.6#

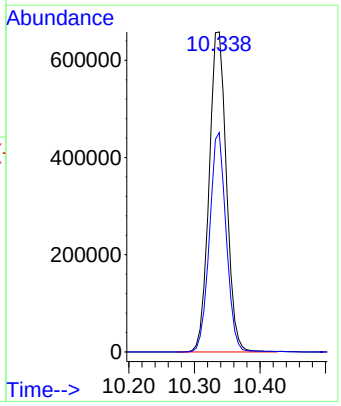


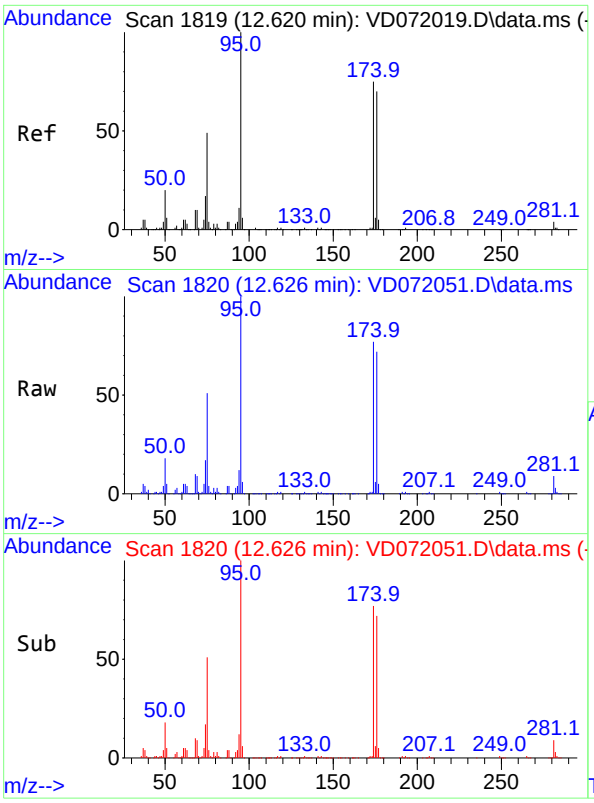


#50
Toluene-d8
Concen: 54.598 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 98 Resp: 1206890

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.8	80.6



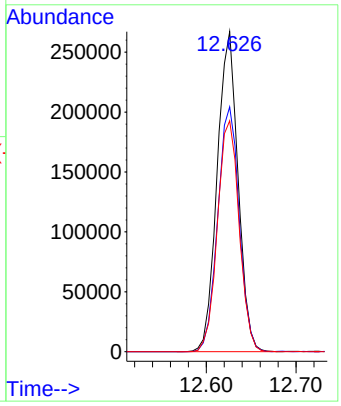


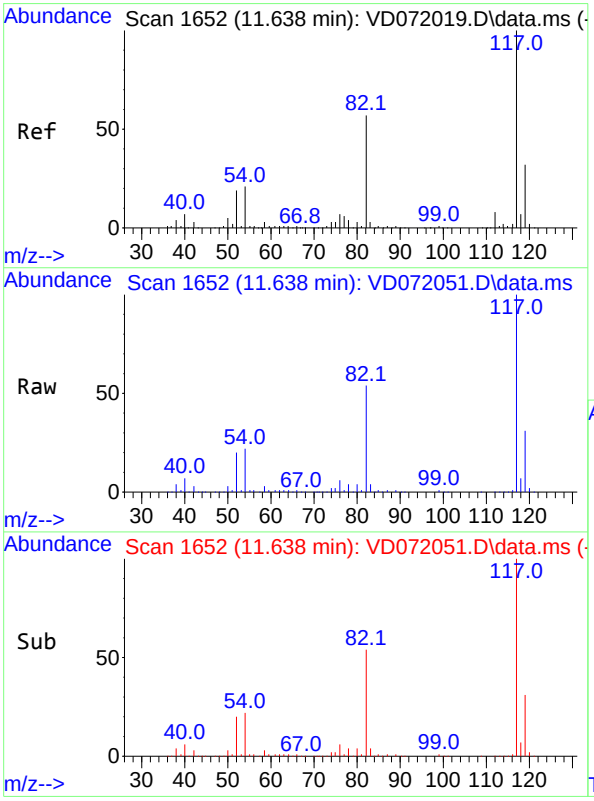
#62
4-Bromofluorobenzene
Concen: 53.011 ug/l
RT: 12.626 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 430439

Ion	Ratio	Lower	Upper
95	100		
174	78.9	0.0	155.0
176	75.0	0.0	148.8

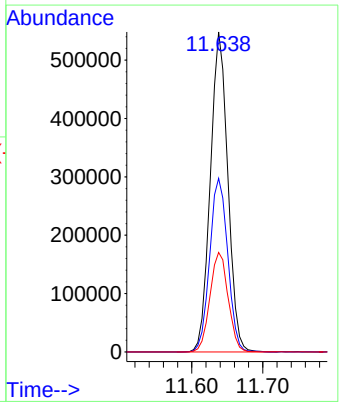


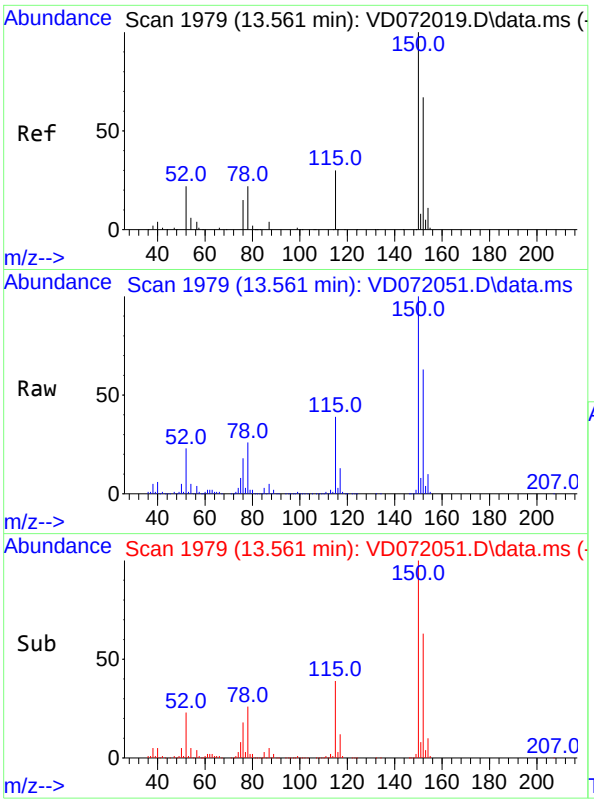


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion:117 Resp: 935098

Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.4	68.0
119	31.1	25.4	38.2



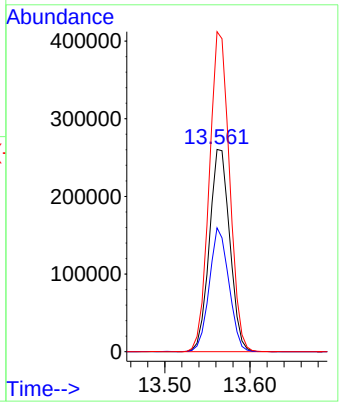


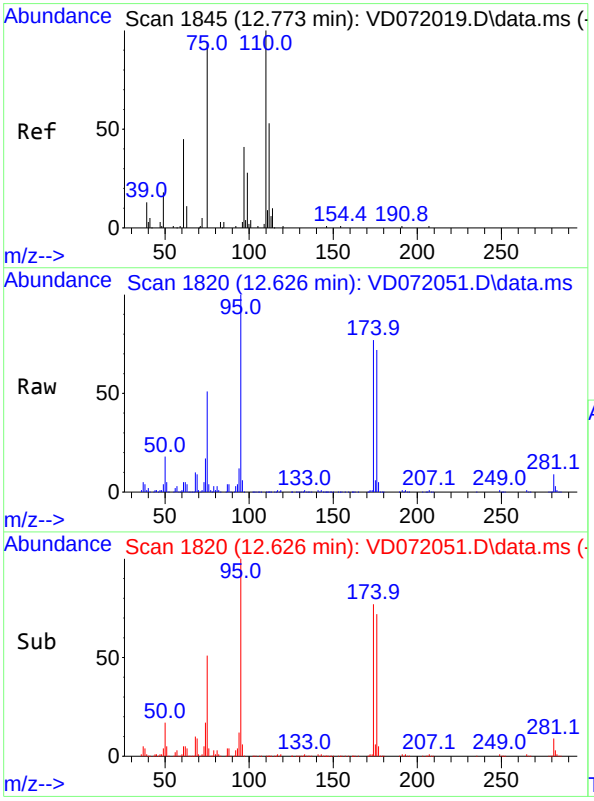
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:152 Resp: 434324

Ion	Ratio	Lower	Upper
152	100		
115	58.7	29.9	89.7
150	156.8	0.0	347.6

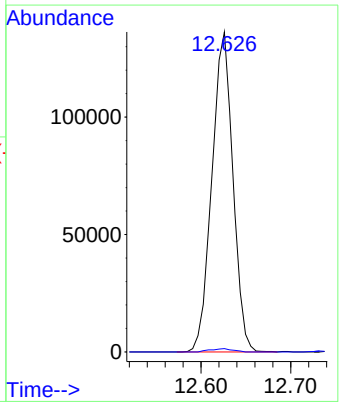


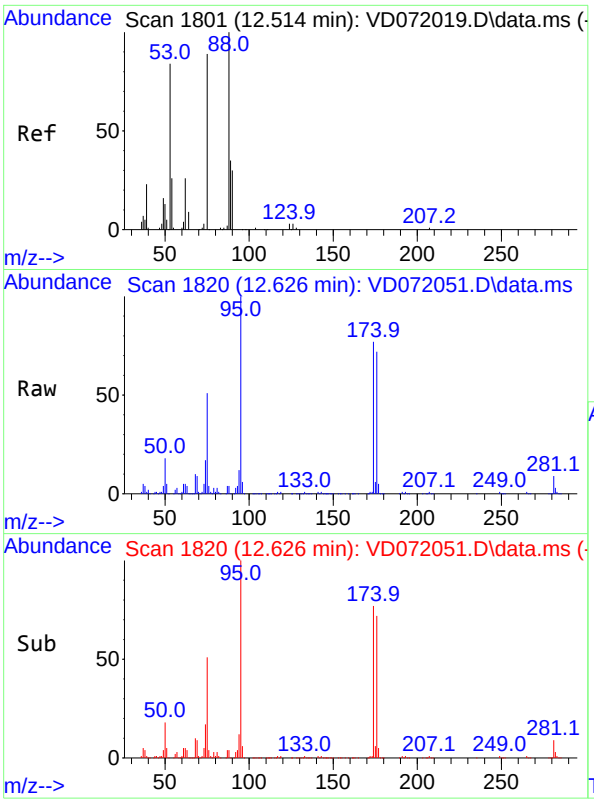


#76
1,2,3-Trichloropropane
Concen: 53.834 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Tgt Ion: 75 Resp: 221476

Ion	Ratio	Lower	Upper
75	100		
77	1.1	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.813 ug/l
RT: 12.626 min Scan# 1
Delta R.T. 0.112 min
Lab File: VD072051.D
Acq: 22 Feb 2022 12:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 221476

Ion	Ratio	Lower	Upper
75	100		
53	0.0	80.2	120.4#
89	0.3	36.4	54.6#