Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
Data File : VD070164.D
Acq On : 19 Aug 2021 13:26
Operator : VA/SY
Sample : M3435-11RE
Misc : 4.56G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : 2021-08-13-FD-04RE

Quant Time: Aug 20 05:47:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	7.979	168	433921	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	822110	50.000 ug/l	0.00
63) Chlorobenzene-d5	11.638	117	704218	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	200306	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.332	65	299636	58.711 ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.420%		
35) Dibromofluoromethane	7.914	113	293398	55.240 ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.480%		
50) Toluene-d8	10.338	98	1016960	49.228 ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.460%		
62) 4-Bromofluorobenzene	12.626	95	248367	36.501 ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 73.000%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.985	85	1202	Below Cal	79
3) Chloromethane	2.215	50	1421	Below Cal #	73
5) Bromomethane	2.779	94	2181	Below Cal	84
11) Tert butyl alcohol	5.238	59	462	1.638 ug/l #	71
16) Acetone	4.167	43	8751	9.308 ug/l	97
20) Methylene Chloride	4.944	84	2720	Below Cal #	57
25) 2-Butanone	7.220	43	2468	1.921 ug/l #	44
31) Cyclohexane	7.973	56	11484	1.137 ug/l #	24
38) Carbon Tetrachloride	7.979	117	46491	5.790 ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	122361	60.235 ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	122361	156.349 ug/l #	18

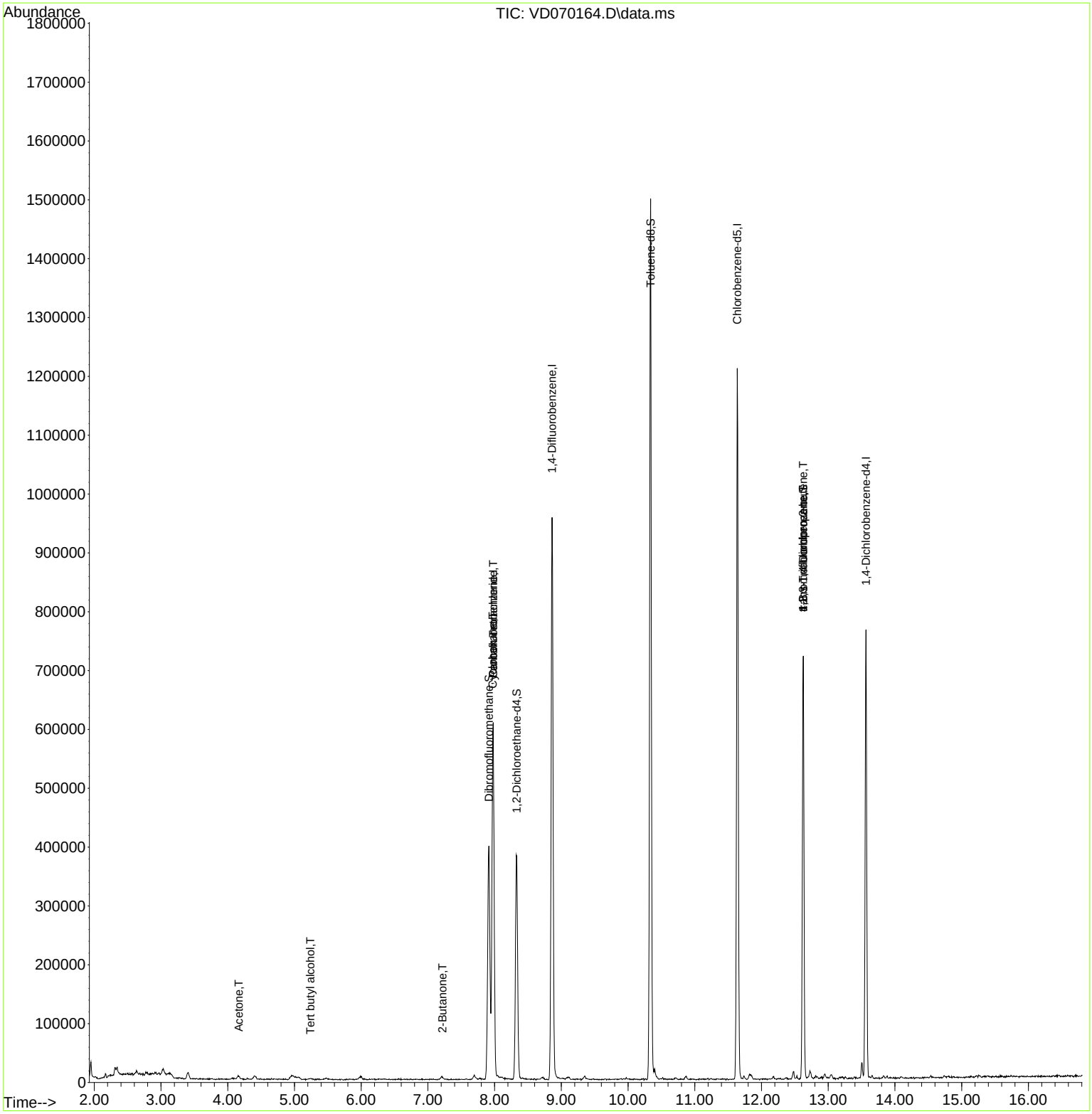
(#) = qualifier out of range (m) = manual integration (+) = signals summed

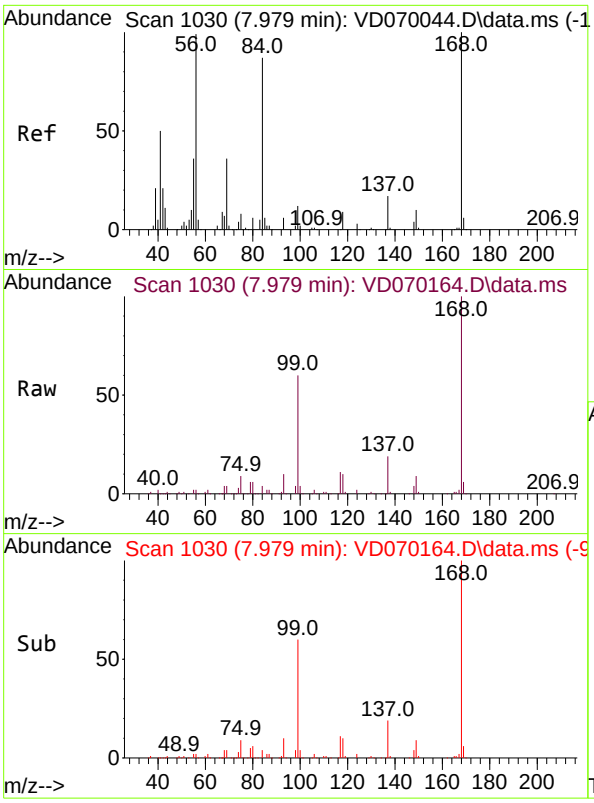
Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
Data File : VD070164.D
Acq On : 19 Aug 2021 13:26
Operator : VA/SY
Sample : M3435-11RE
Misc : 4.56G/5.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

Quant Time: Aug 20 05:47:05 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

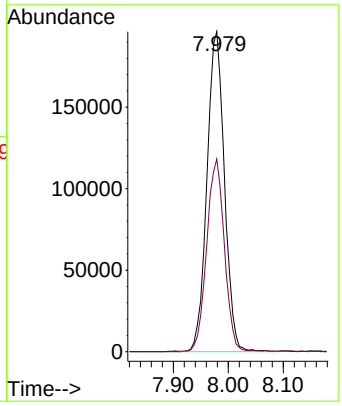




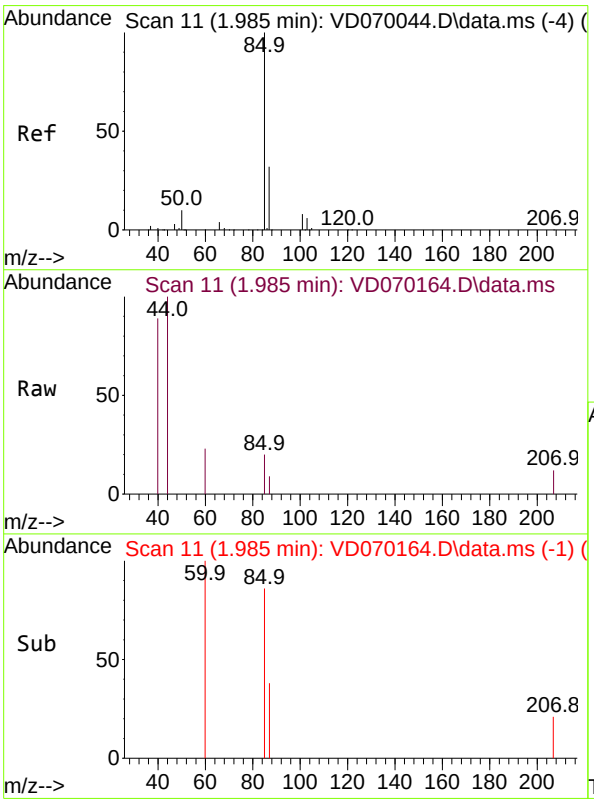
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:168 Resp: 433921

Ion	Ratio	Lower	Upper
168	100		
99	60.1	50.3	75.5



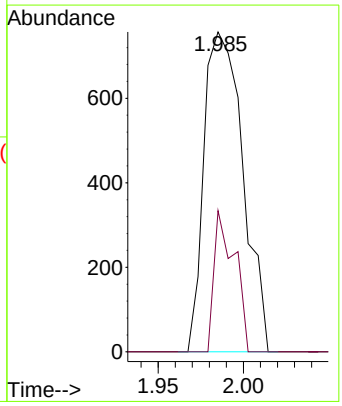
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

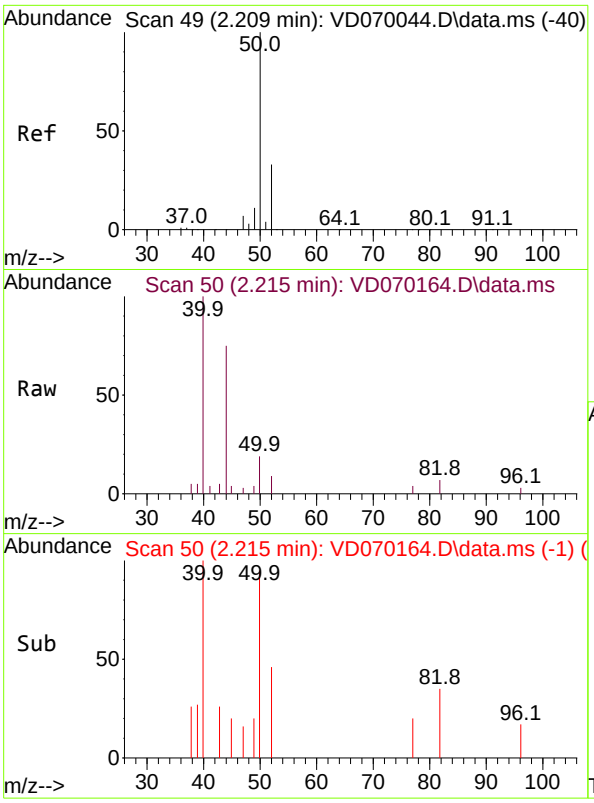


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 85 Resp: 1202

Ion	Ratio	Lower	Upper
85	100		
87	44.1	16.2	48.6

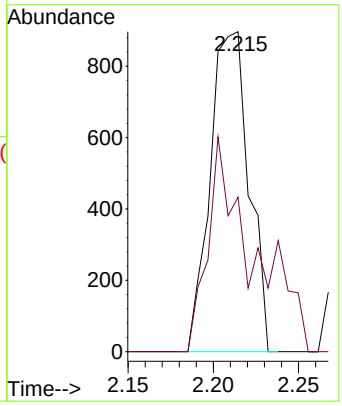




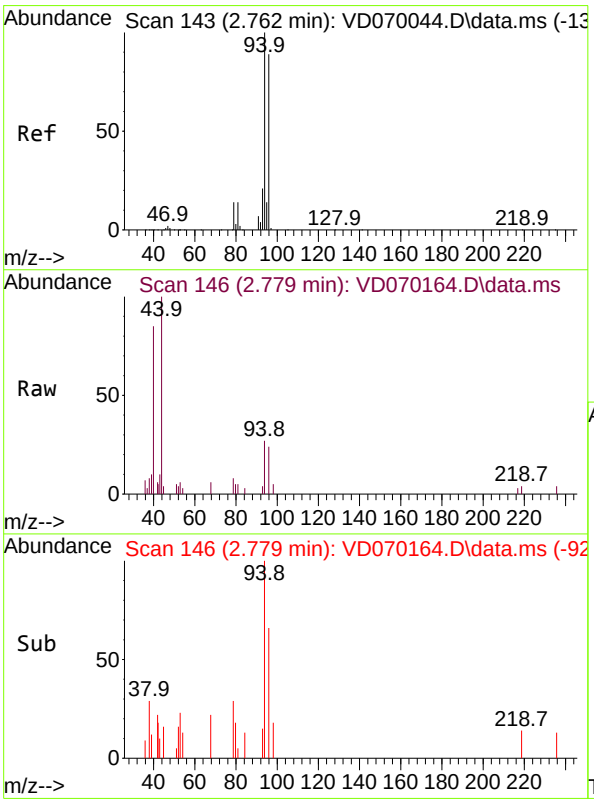
#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 50 Resp: 1421

Ion	Ratio	Lower	Upper
50	100		
52	48.3	26.3	39.5#



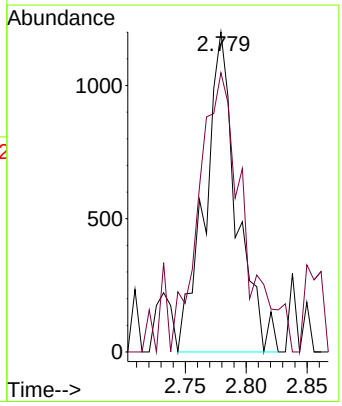
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

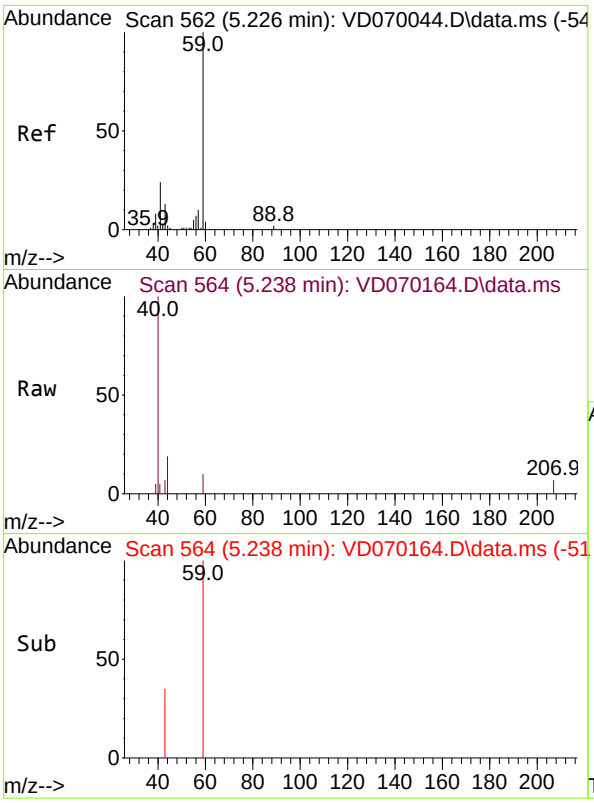


#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 94 Resp: 2181

Ion	Ratio	Lower	Upper
94	100		
96	74.1	70.9	106.3

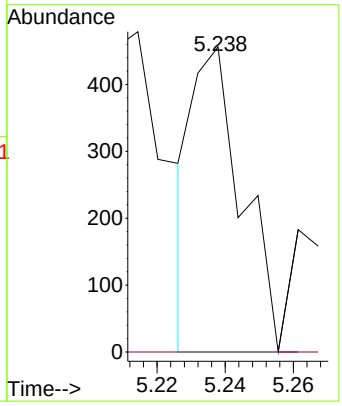




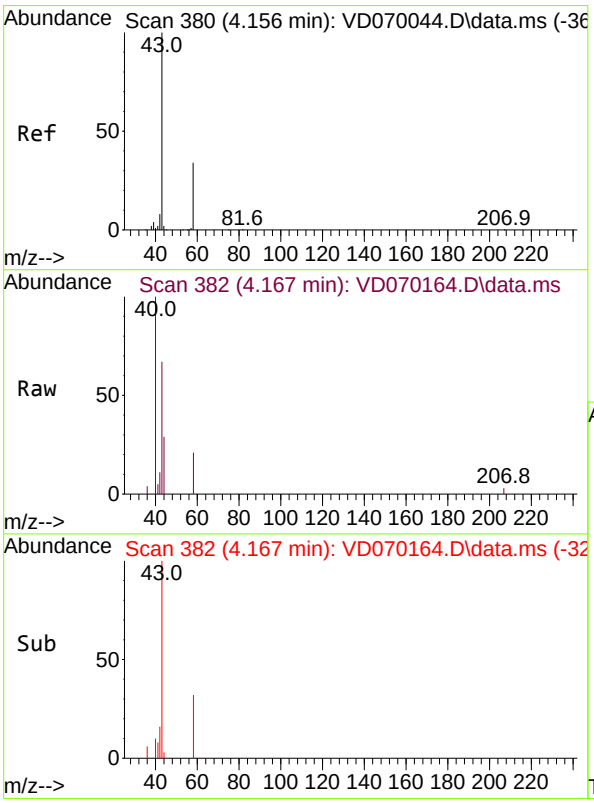
#11
Tert butyl alcohol
Concen: 1.638 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 59 Resp: 462

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



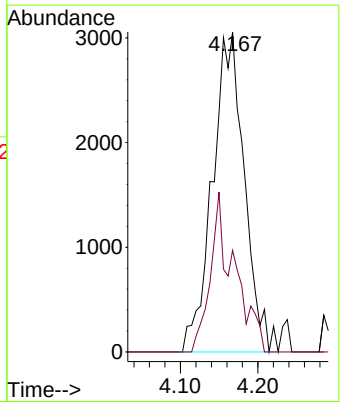
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

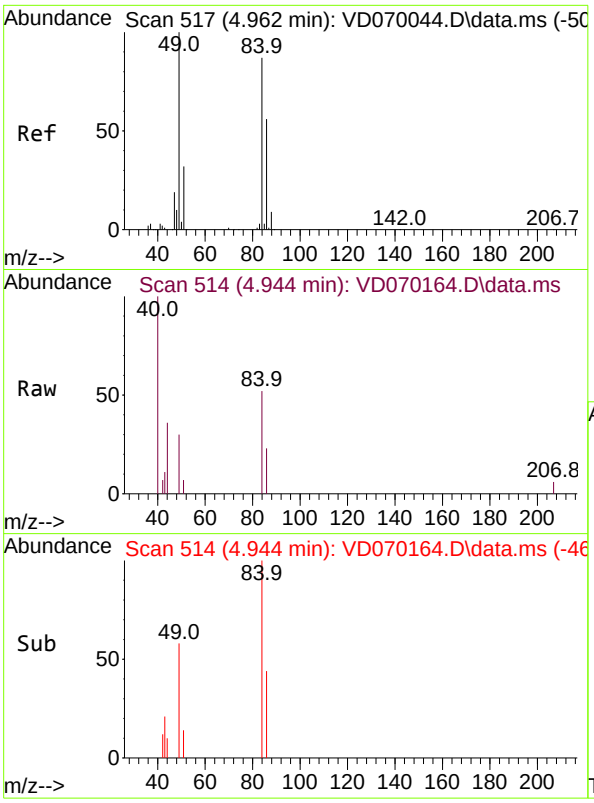


#16
Acetone
Concen: 9.308 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 43 Resp: 8751

Ion	Ratio	Lower	Upper
43	100		
58	31.8	26.8	40.2

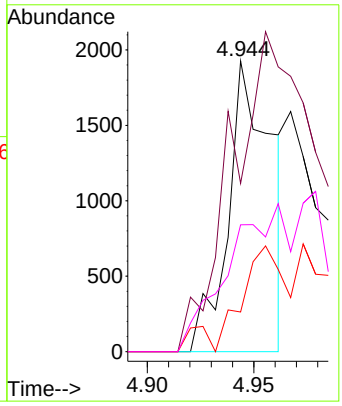




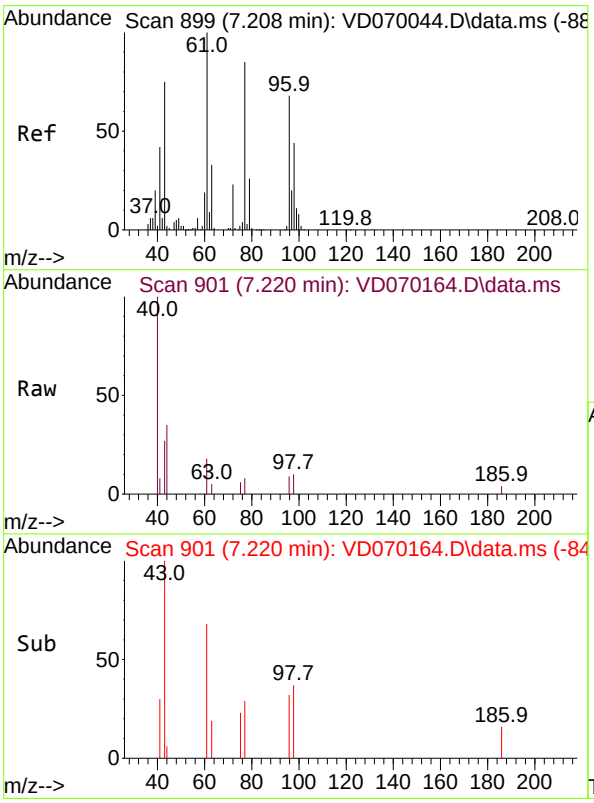
#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.018 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 84 Resp: 2720

Ion	Ratio	Lower	Upper
84	100		
49	57.9	92.5	138.7#
51	13.6	29.7	44.5#
86	43.6	51.7	77.5#



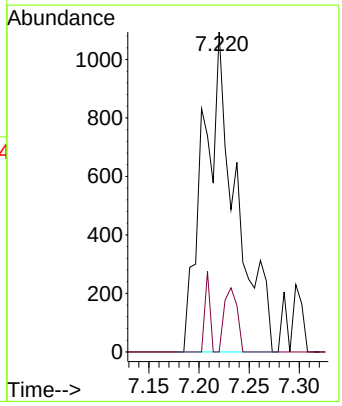
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

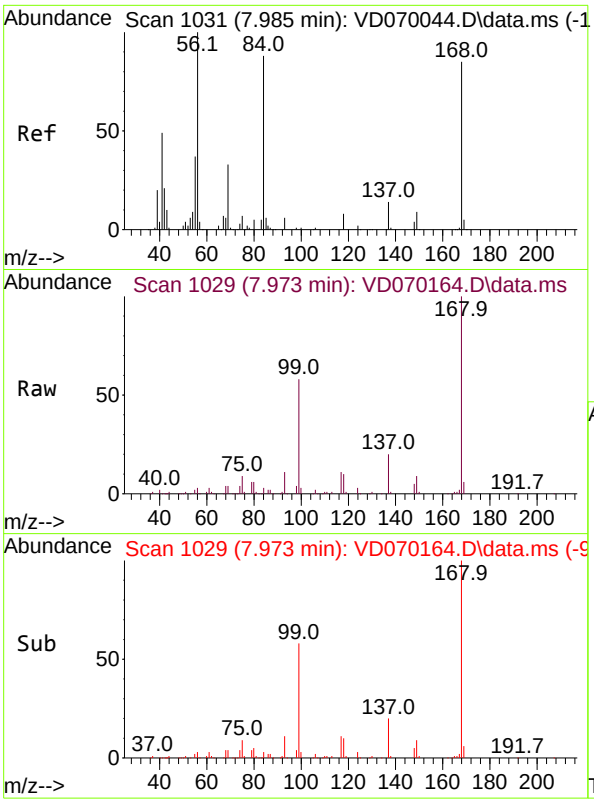


#25
2-Butanone
Concen: 1.921 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 43 Resp: 2468

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.2	36.4#

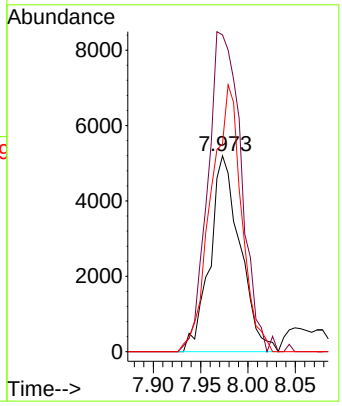




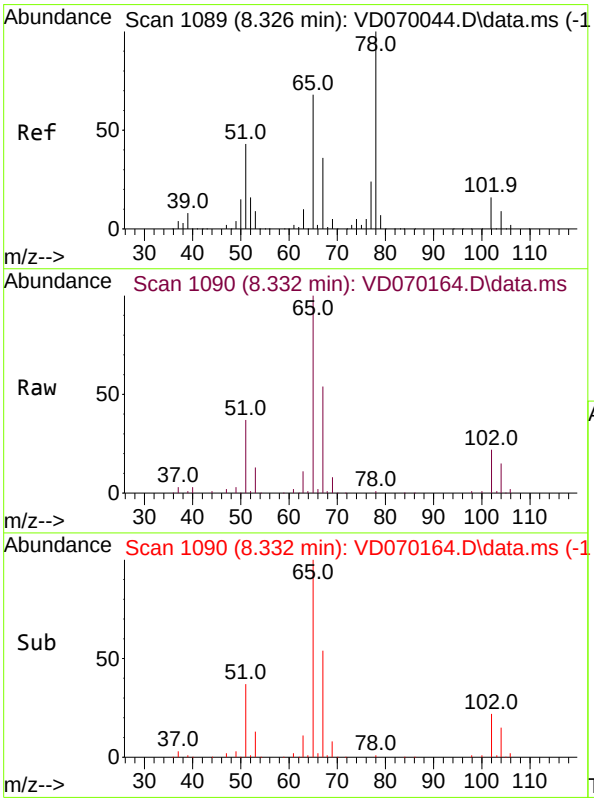
#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 56 Resp: 11484

Ion	Ratio	Lower	Upper
56	100		
69	161.7	26.7	40.1#
84	106.1	70.4	105.6#



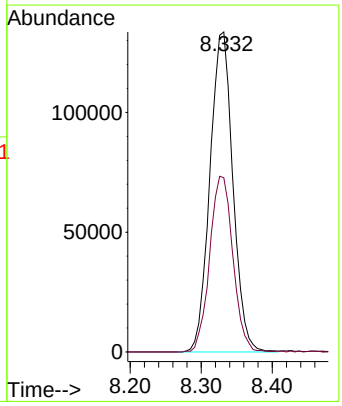
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

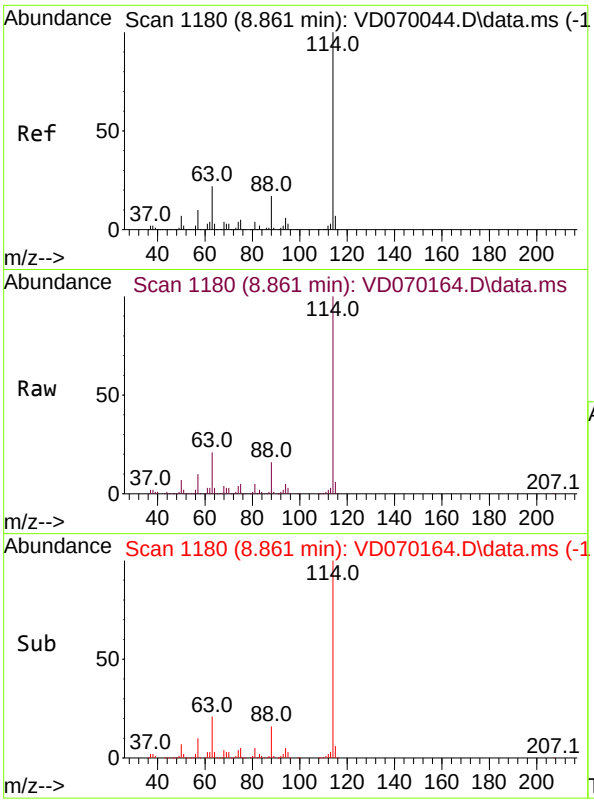


#33
1,2-Dichloroethane-d4
Concen: 58.711 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 65 Resp: 299636

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	107.8

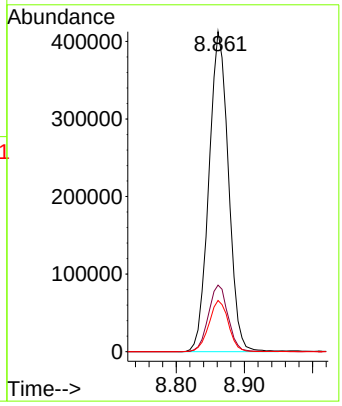




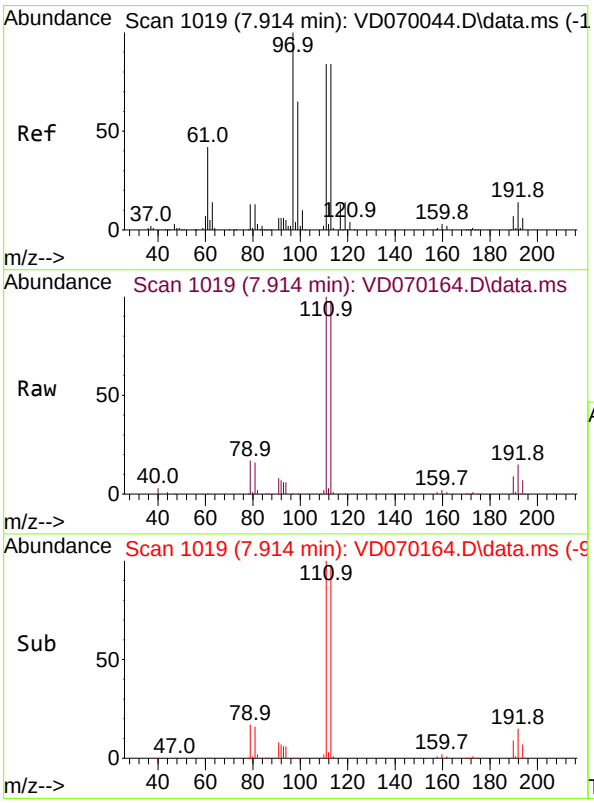
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:114 Resp: 822110

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.6
88	16.0	0.0	33.4



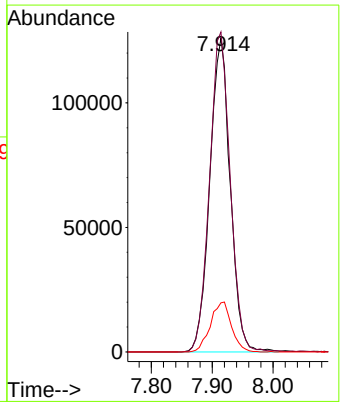
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

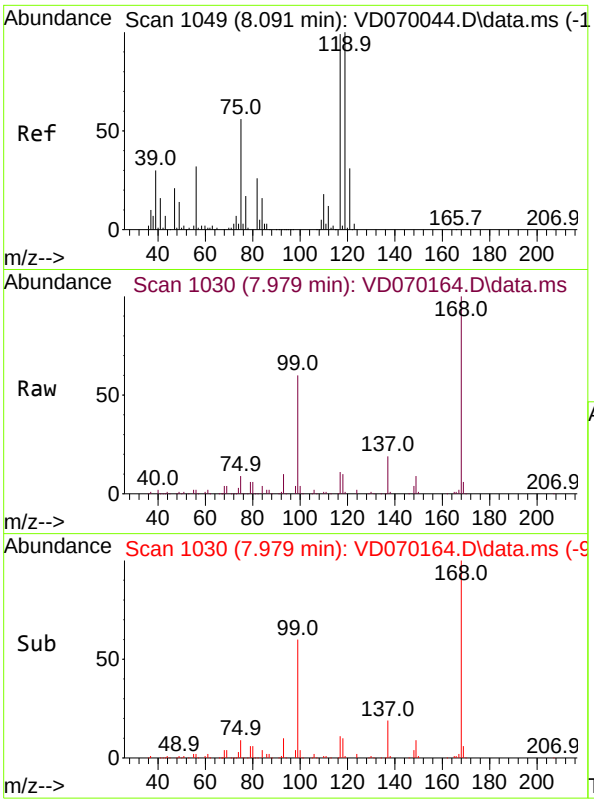


#35
Dibromofluoromethane
Concen: 55.240 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:113 Resp: 293398

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.8	122.6
192	16.4	13.2	19.8

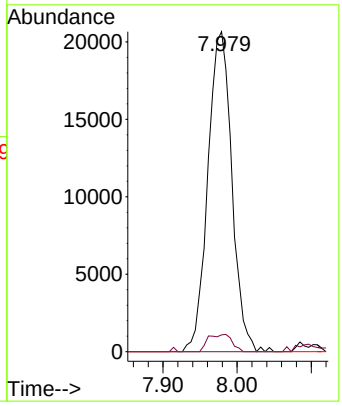




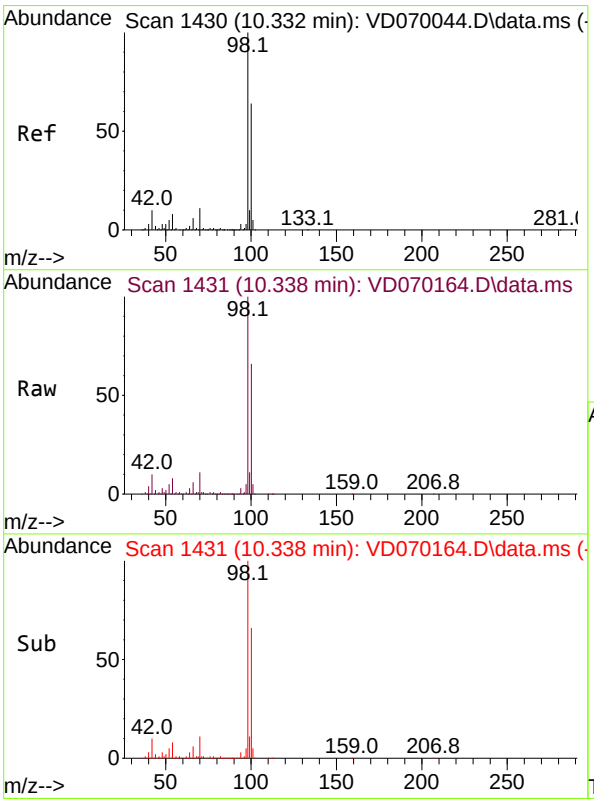
#38
Carbon Tetrachloride
Concen: 5.790 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:117 Resp: 46491

Ion	Ratio	Lower	Upper
117	100		
119	5.3	81.0	121.6#
121	0.0	25.0	37.6#



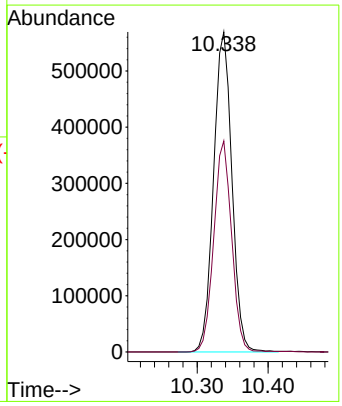
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE



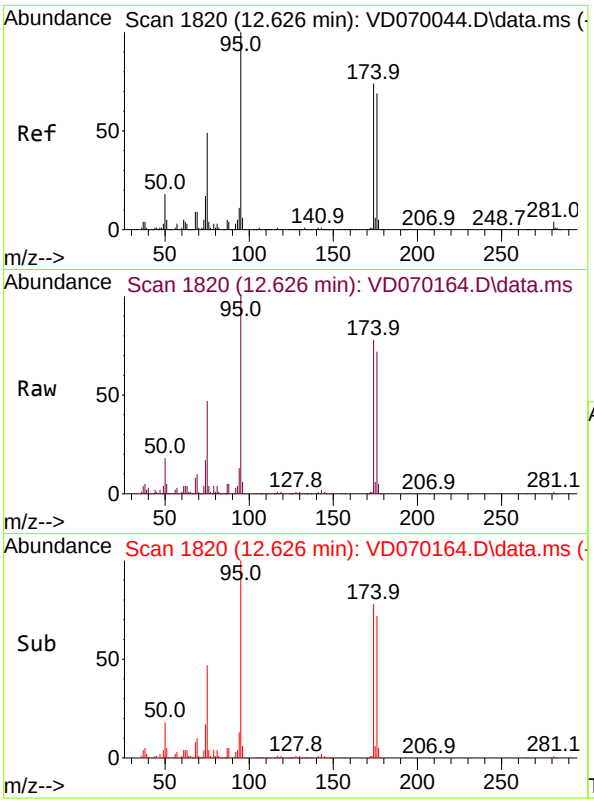
#50
Toluene-d8
Concen: 49.228 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 98 Resp: 1016960

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.6	78.8



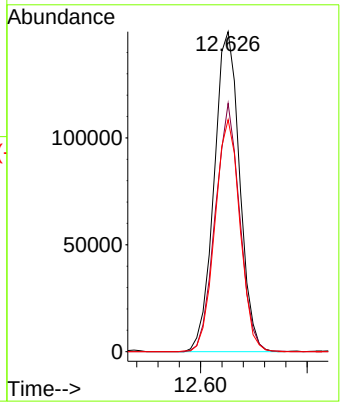
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

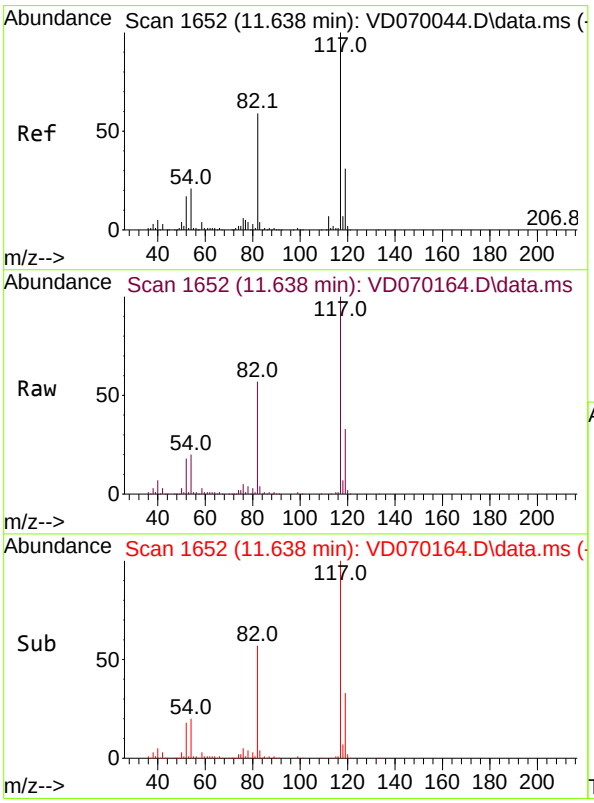


#62
4-Bromofluorobenzene
Concen: 36.501 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 95 Resp: 248367

Ion	Ratio	Lower	Upper
95	100		
174	74.4	0.0	141.6
176	71.2	0.0	138.2

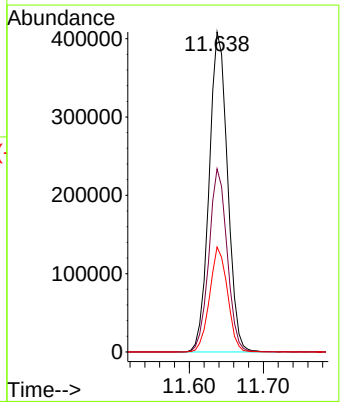




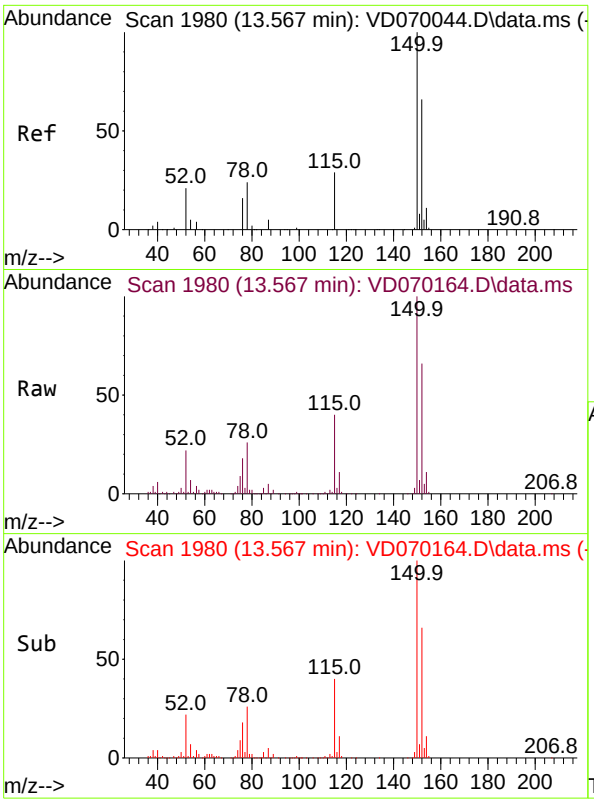
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:117 Resp: 704218

Ion	Ratio	Lower	Upper
117	100		
82	57.2	47.5	71.3
119	32.8	25.1	37.7



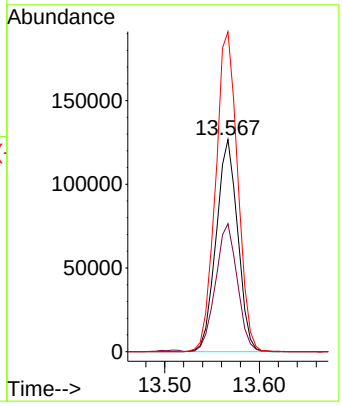
Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE

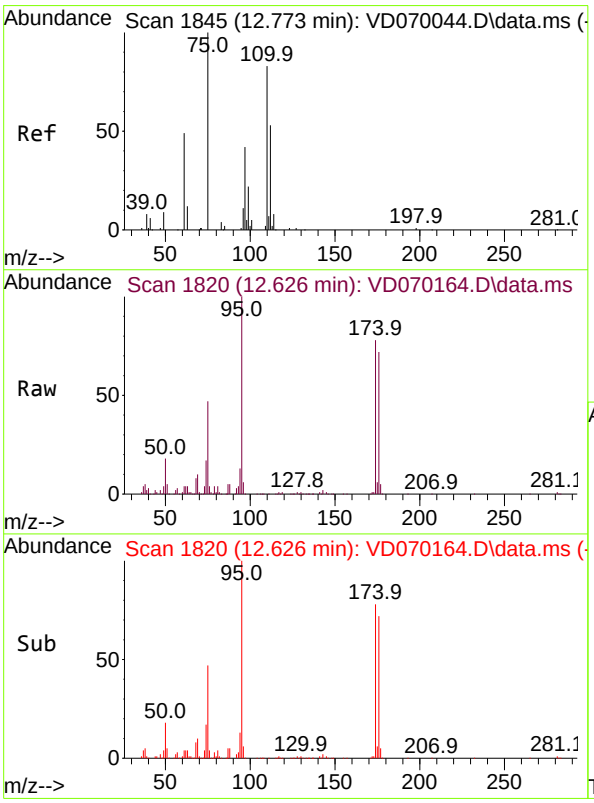


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion:152 Resp: 200306

Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.2	93.6
150	154.4	0.0	352.0

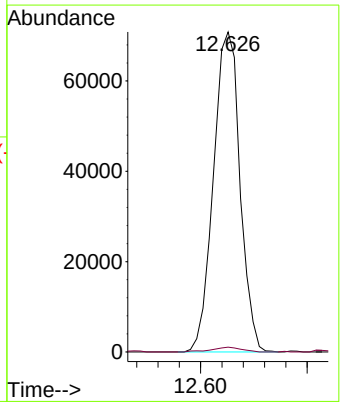


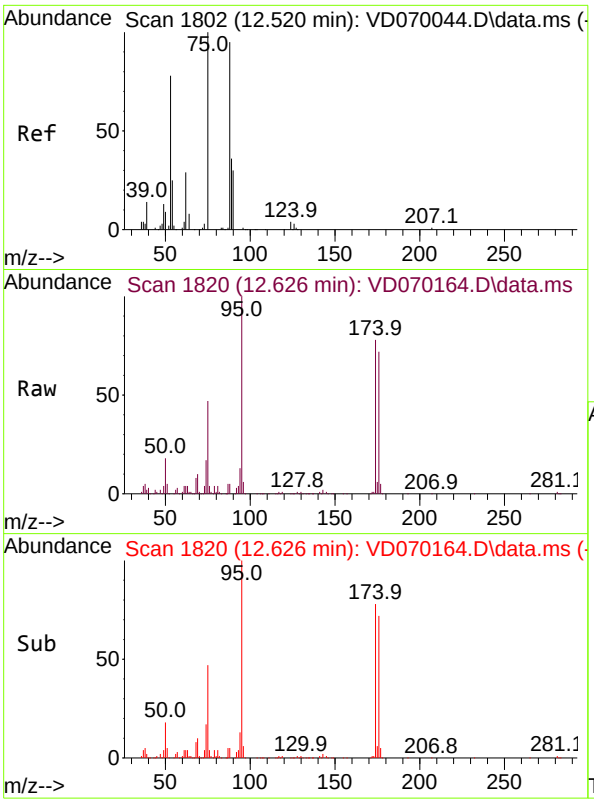


#76
1,2,3-Trichloropropane
Concen: 60.235 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 75 Resp: 122361

Ion	Ratio	Lower	Upper
75	100		
77	1.7	182.4	547.2#

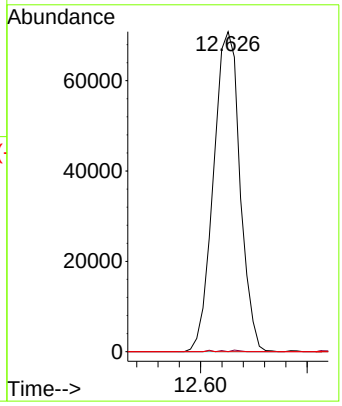




#81
trans-1,4-Dichloro-2-butene
Concen: 156.349 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070164.D
Acq: 19 Aug 2021 13:26

Tgt Ion: 75 Resp: 122361

Ion	Ratio	Lower	Upper
75	100		
53	0.2	64.5	96.7#
89	0.0	33.7	50.5#



Instrument :
MSVOA_D
ClientSampleId :
2021-08-13-FD-04RE