Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110819\

Quantitation Report (Not Reviewed)

Data File : VD064164.D
Acq On : 08 Nov 2019 19:42
Operator : VA/SY
Sample : K5763-02
Misc : 13.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-37-S2

Quant Time: Nov 09 01:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	730584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1102504	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1018515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	477067	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	322276	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.28%			
35) Dibromofluoromethane	7.92	113	333255	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
50) Toluene-d8	10.34	98	1285494	53.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.68%			
62) 4-Bromofluorobenzene	12.63	95	469405	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.56%			
Target Compounds						Qvalue
10) Methyl Iodide	4.29	142	2762	2.392	ug/l #	44
11) Tert butyl alcohol	5.24	59	568	Below Cal	#	1
13) Acrolein	3.92	56	357	1.006	ug/l	91
15) Acrylonitrile	5.42	53	1645	1.245	ug/l #	33
16) Acetone	4.19	43	7372	5.179	ug/l #	75
20) Methylene Chloride	4.96	84	9380	1.305	ug/l #	82
29) Tetrahydrofuran	7.58	42	1307	1.183	ug/l #	63
31) Cyclohexane	7.99	56	20245	1.717	ug/l #	32
44) Trichloroethene	9.11	130	9560	1.145	ug/l	88
49) 1,4-Dioxane	9.47	88	127	2.918	ug/l #	1
64) Tetrachloroethene	10.88	164	12358	1.578	ug/l	91
68) m/p-Xylenes	11.86	106	33727	2.349	ug/l	93
69) o-Xylene	12.18	106	14079	1.057	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	243421	63.348	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.64	75	243421	125.833	ug/l #	10
95) Naphthalene	15.41	128	39737	2.351	ug/l	97

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

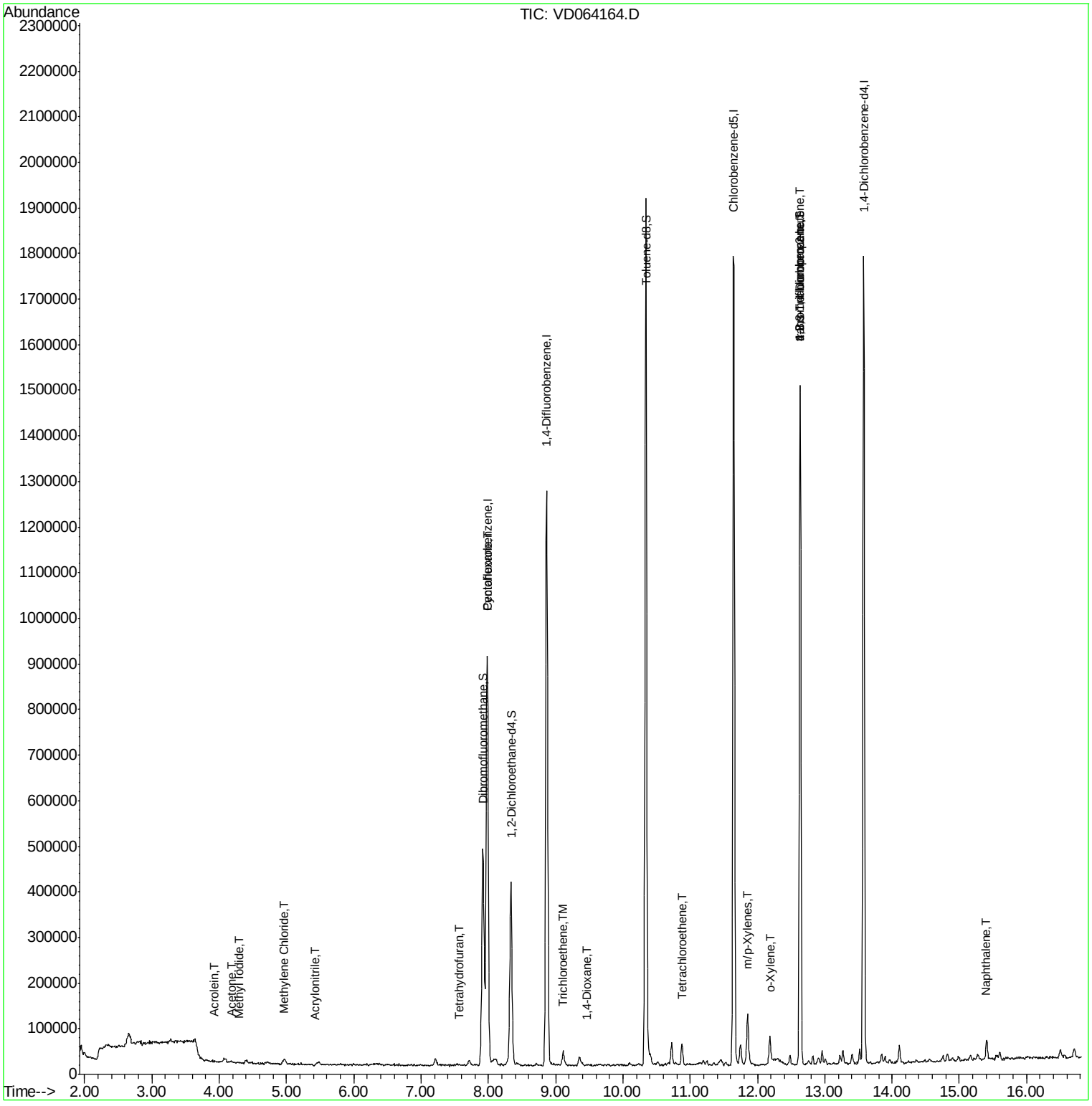
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110819\

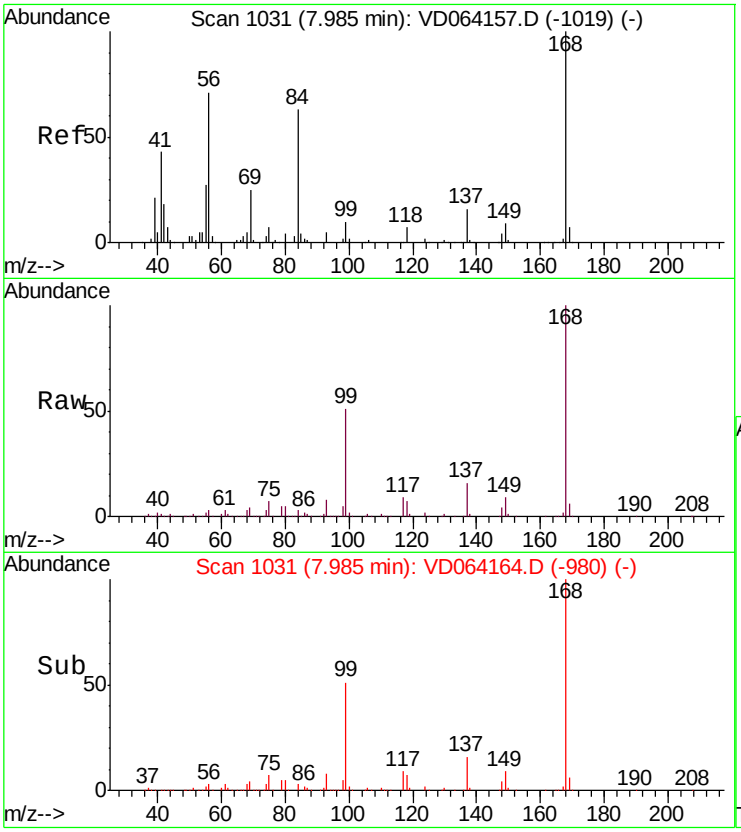
Quantitation Report (Not Reviewed)

Data File : VD064164.D
Acq On : 08 Nov 2019 19:42
Operator : VA/SY
Sample : K5763-02
Misc : 13.19G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Quant Time: Nov 09 01:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 08 16:20:44 2019
Response via : Initial Calibration



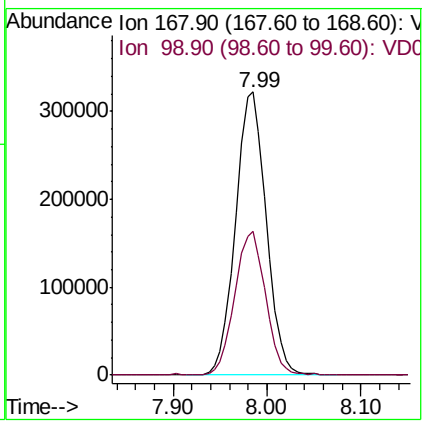


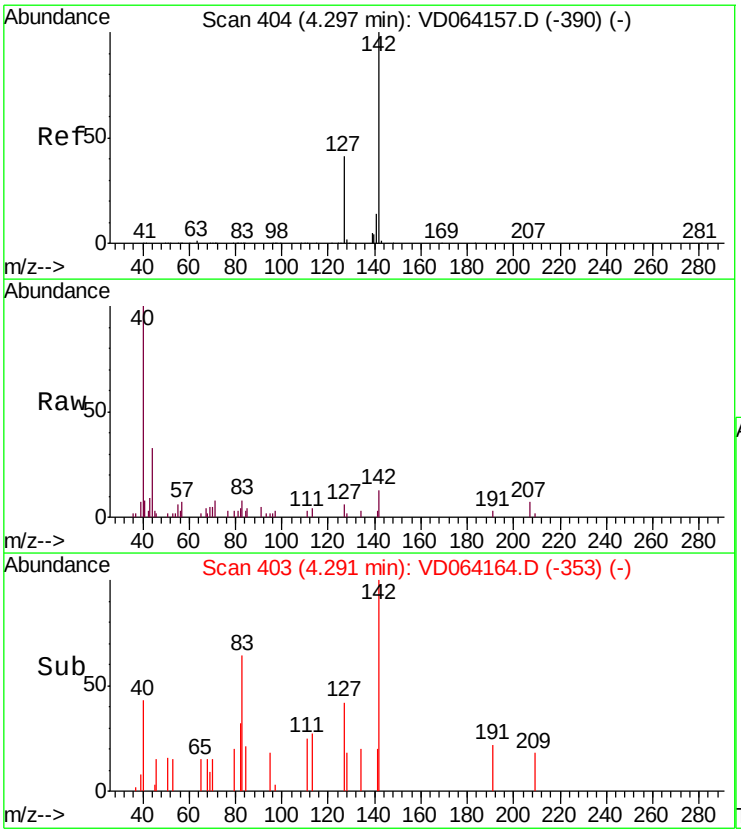
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion:168 Resp: 730584

Ion	Ratio	Lower	Upper
168	100		
99	50.8	41.6	62.4

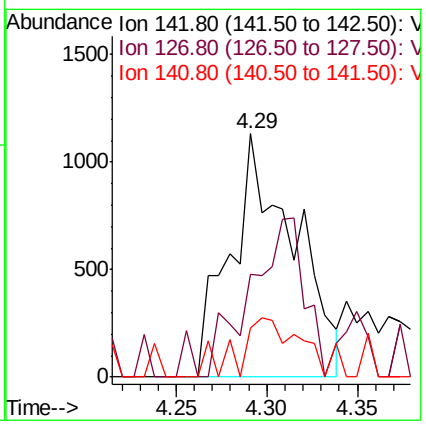


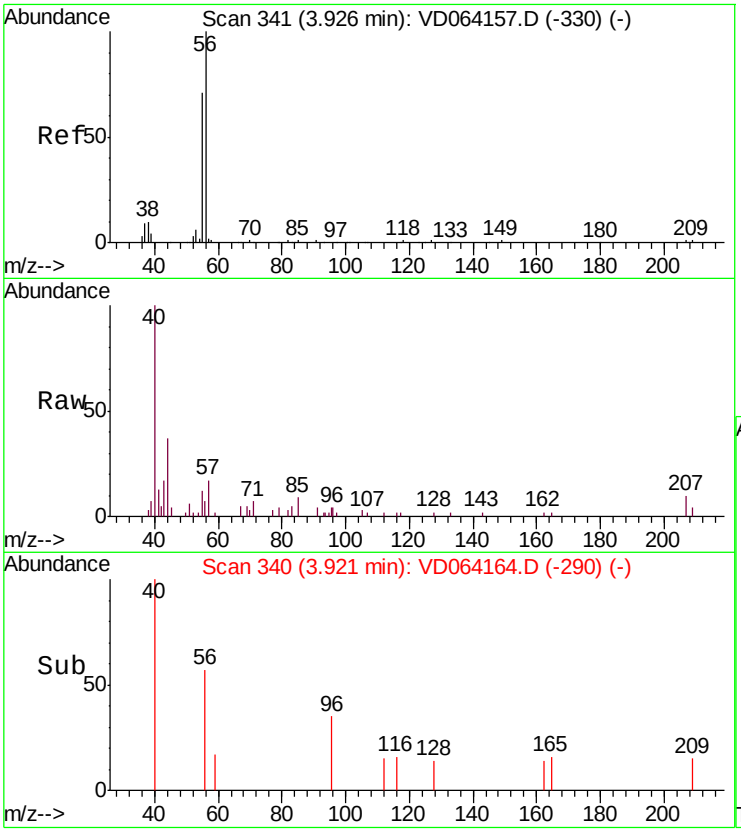


#10
Methyl Iodide
Concen: 2.392 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:142 Resp: 2762

Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	22.7	11.2	16.8#



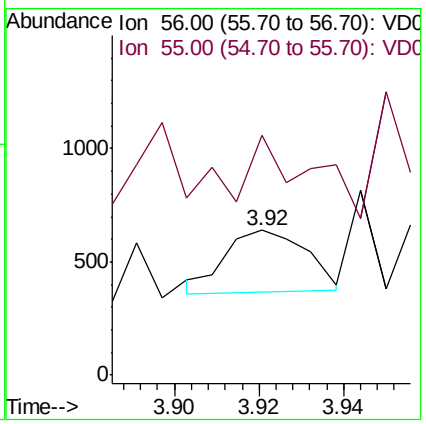


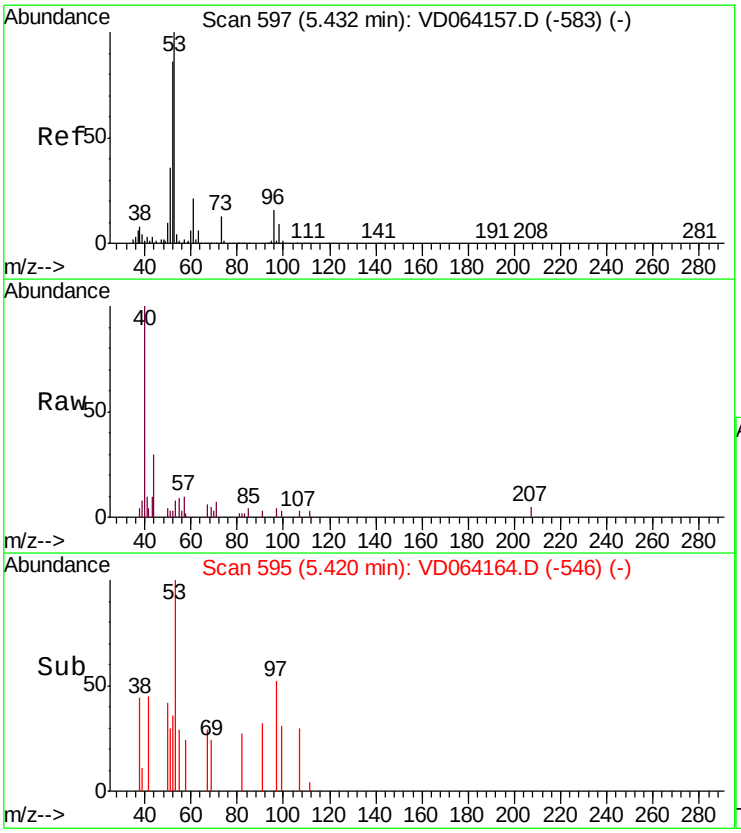
#13
Acrolein
Concen: 1.006 ug/l
RT: 3.92 min Scan# 340
Delta R.T. -0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument : MSVOA_D
ClientSampleId : TP-37-S2

Tgt Ion: 56 Resp: 357

Ion	Ratio	Lower	Upper
56	100		
55	77.3	56.1	84.1

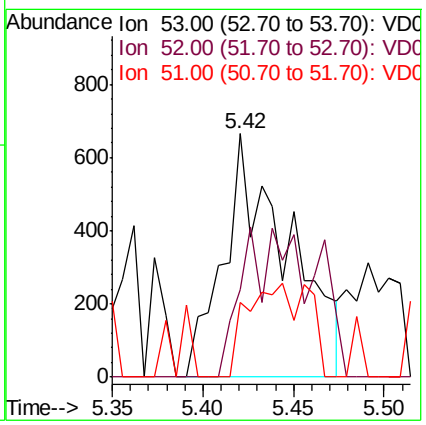


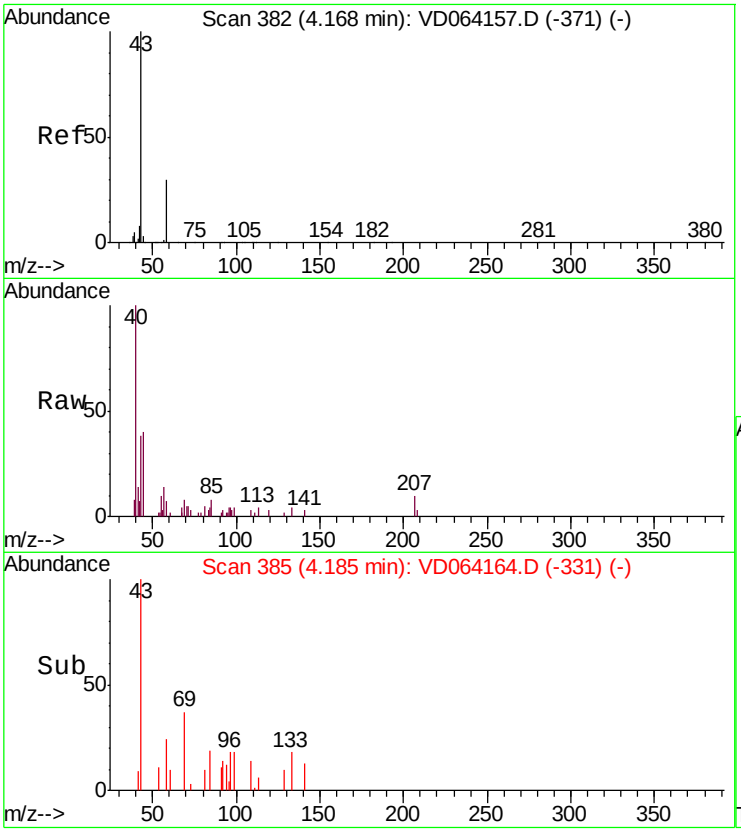


#15
Acrylonitrile
Concen: 1.245 ug/l
RT: 5.42 min Scan# 595
Delta R.T. -0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion: 53 Resp: 1645

Ion	Ratio	Lower	Upper
53	100		
52	21.6	66.7	100.1#
51	0.0	30.6	46.0#



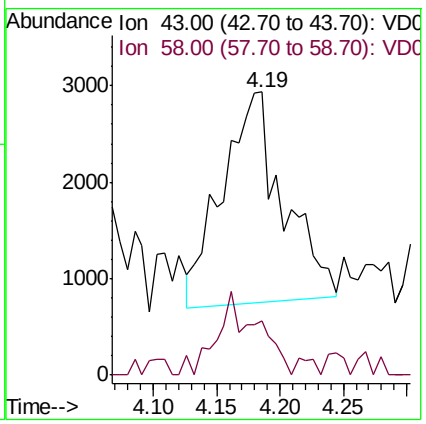


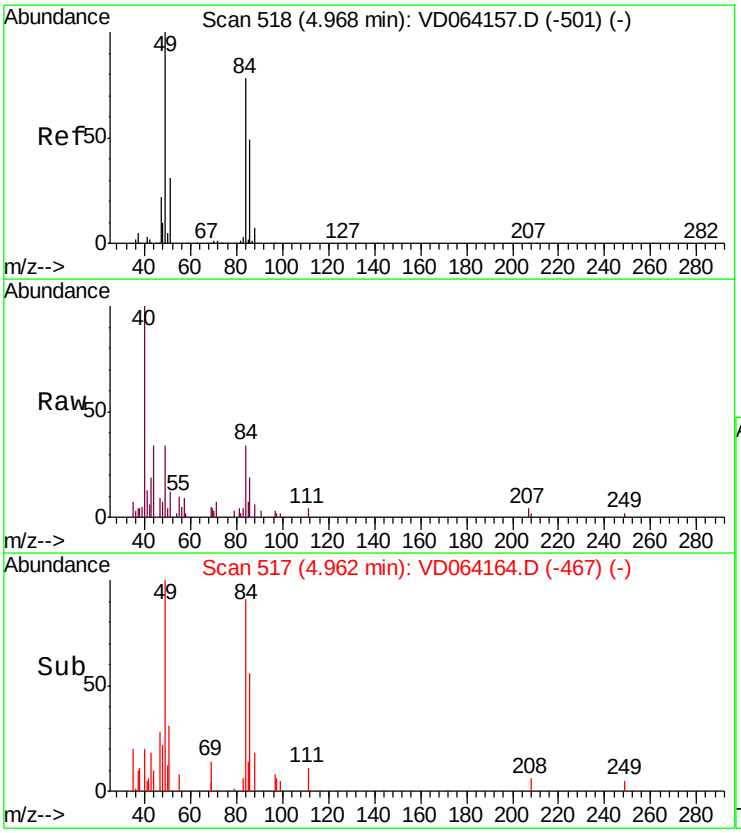
#16
Acetone
Concen: 5.179 ug/l
RT: 4.19 min Scan# 385
Delta R.T. 0.02 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument : MSVOA_D
ClientSampleId : TP-37-S2

Tgt Ion: 43 Resp: 7372

Ion	Ratio	Lower	Upper
43	100		
58	16.8	24.1	36.1#

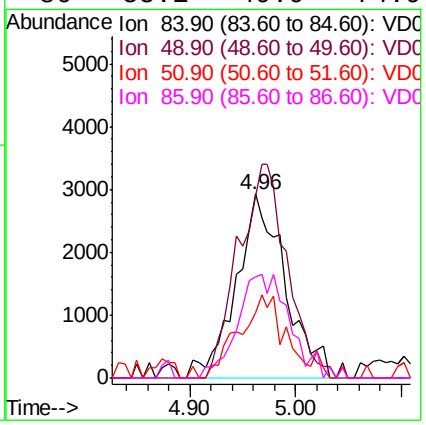


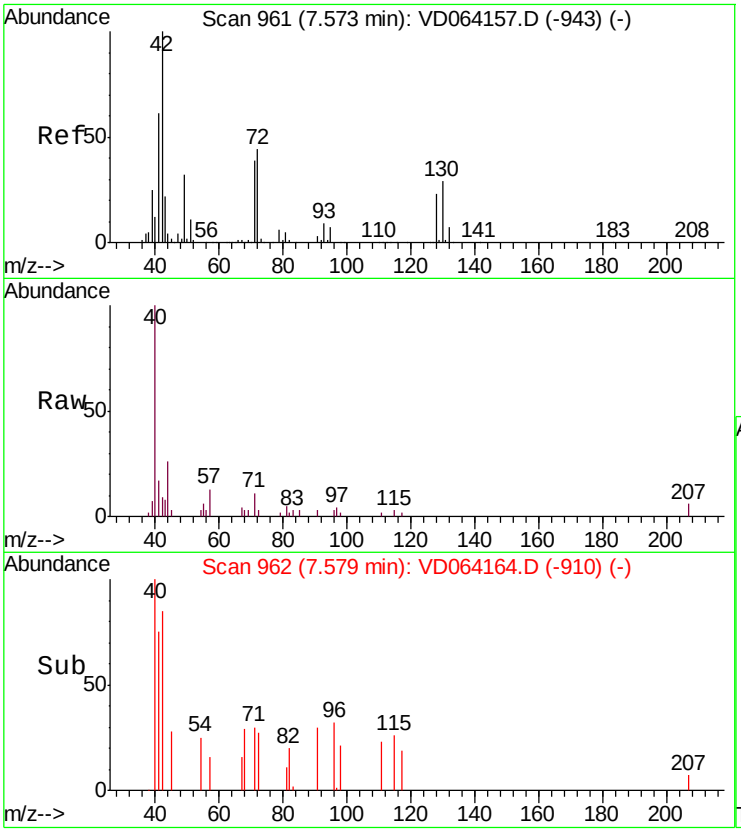


#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion: 84 Resp: 9380

Ion	Ratio	Lower	Upper
84	100		
49	98.8	102.1	153.1#
51	35.8	32.2	48.2
86	55.1	49.9	74.9



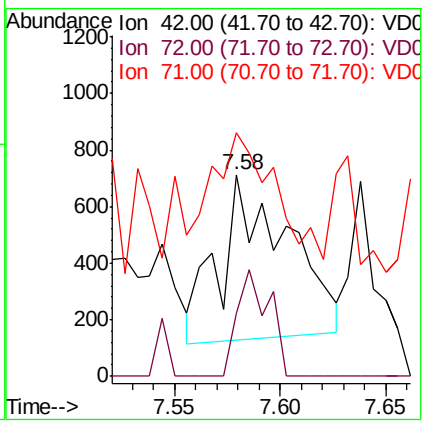


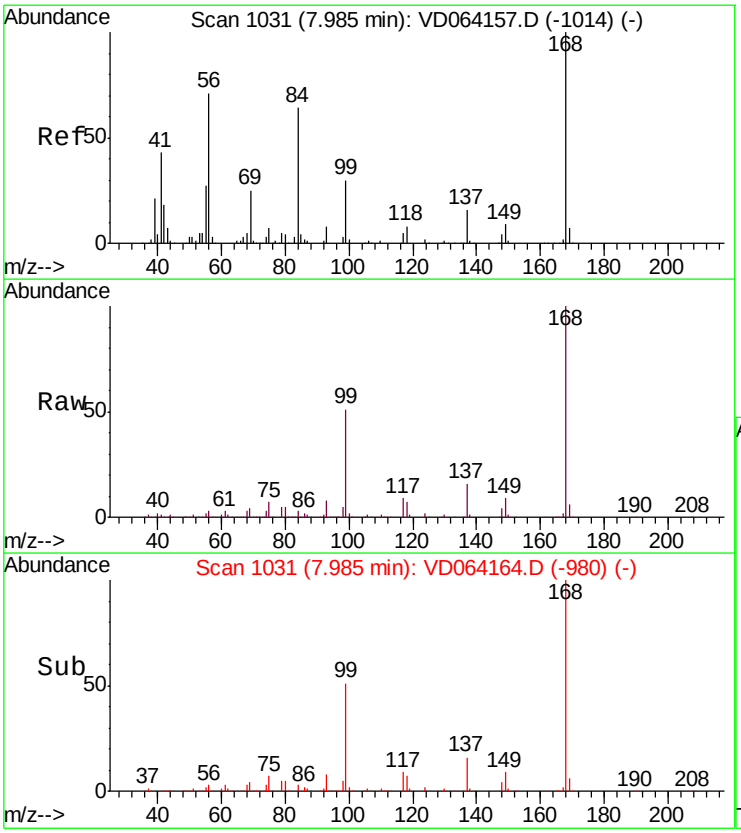
#29
Tetrahydrofuran
Concen: 1.183 ug/l
RT: 7.58 min Scan# 962
Delta R.T. 0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion: 42 Resp: 1307

Ion	Ratio	Lower	Upper
42	100		
72	30.1	33.4	50.2#
71	73.2	31.0	46.4#

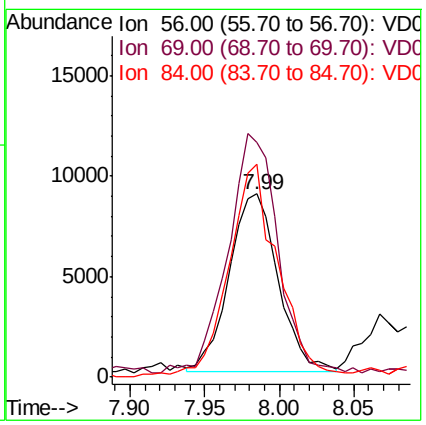


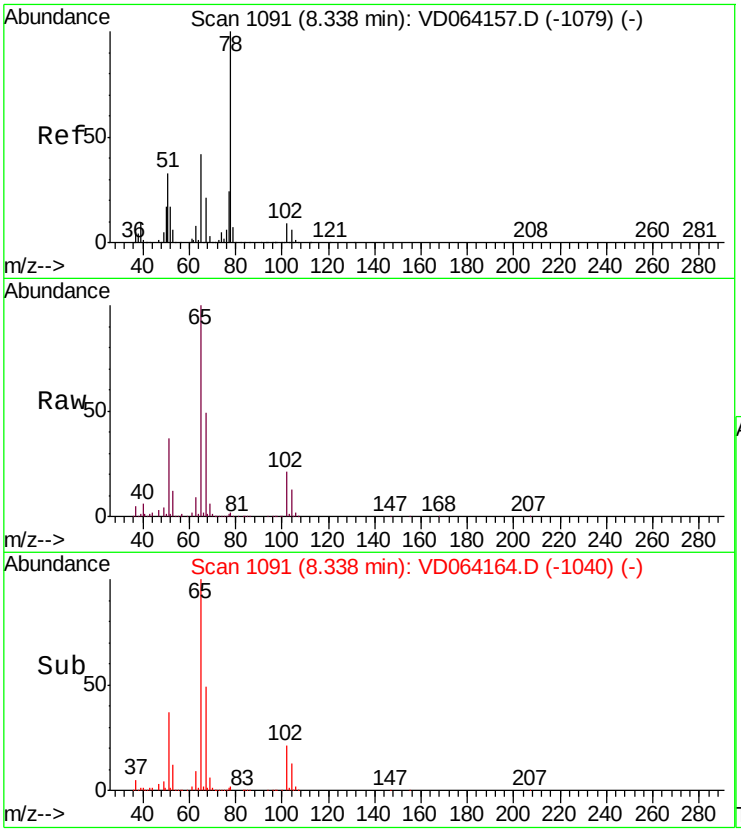


#31
Cyclohexane
Concen: 1.717 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion: 56 Resp: 20245

Ion	Ratio	Lower	Upper
56	100		
69	129.4	28.2	42.4#
84	119.2	71.8	107.6#



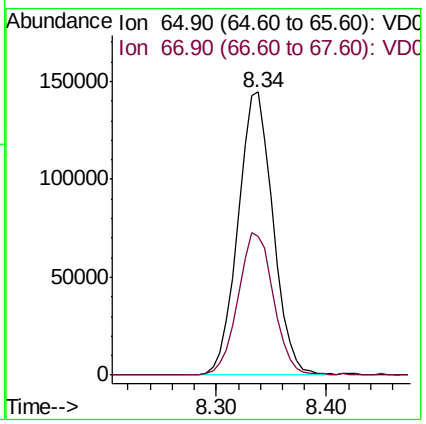


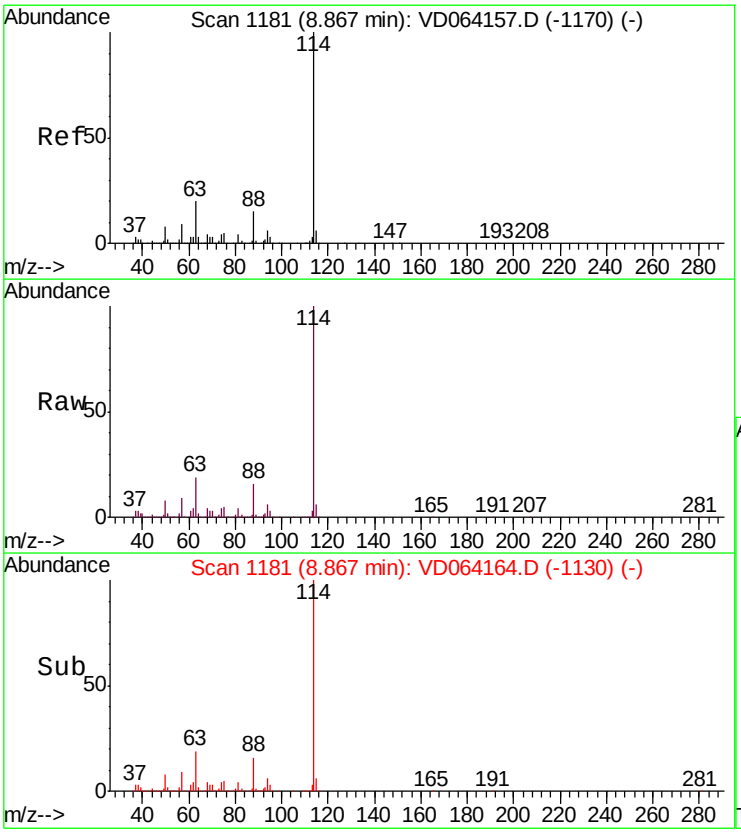
#33
1,2-Dichloroethane-d4
Concen: 53.636 ug/l
RT: 8.34 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument : MSVOA_D
ClientSampleId : TP-37-S2

Tgt Ion: 65 Resp: 322276

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	104.4

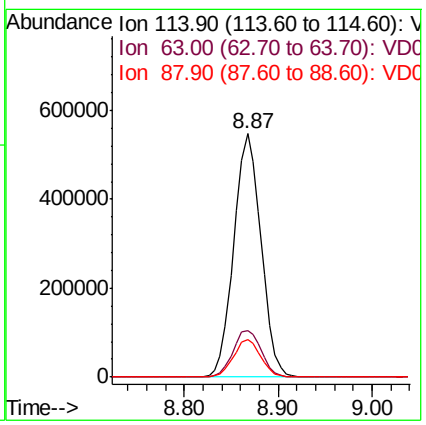


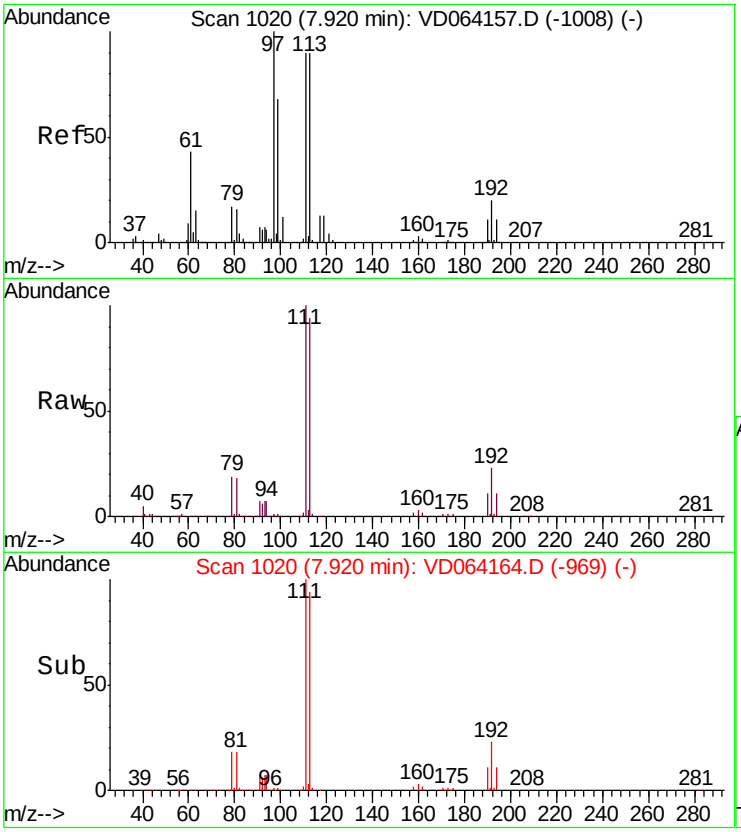


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:114 Resp: 1102504

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	40.0
88	15.6	0.0	30.2



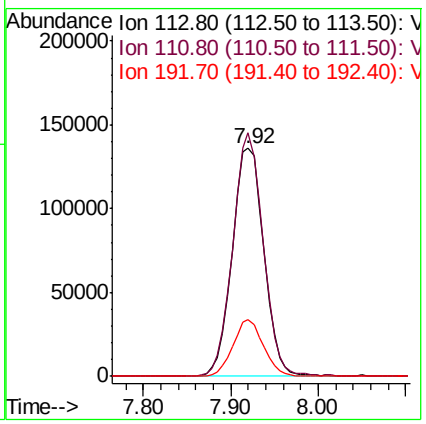


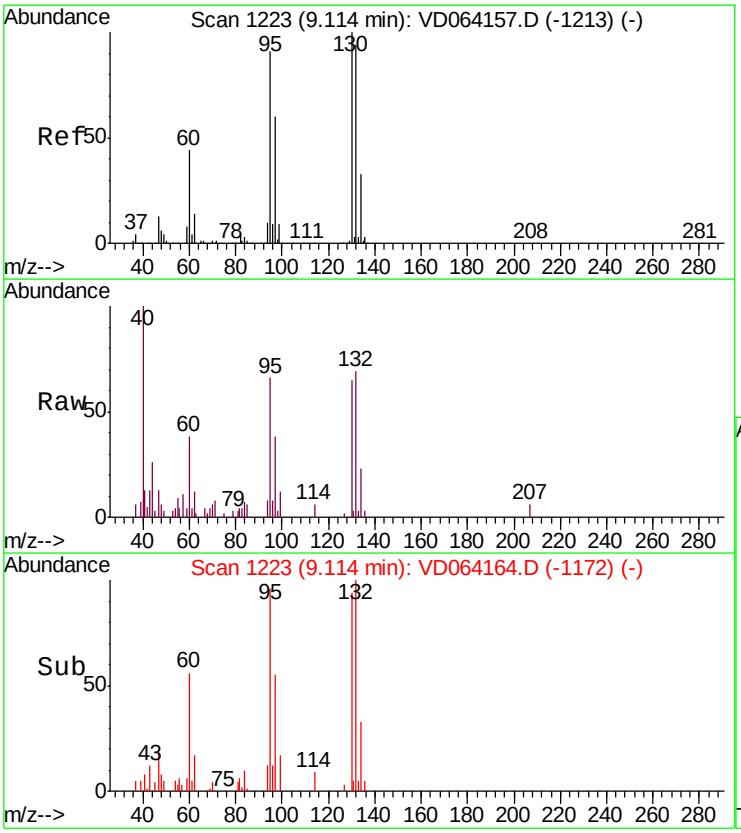
#35
Dibromofluoromethane
Concen: 52.659 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion:113 Resp: 333255

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.5	122.3
192	23.8	18.8	28.2

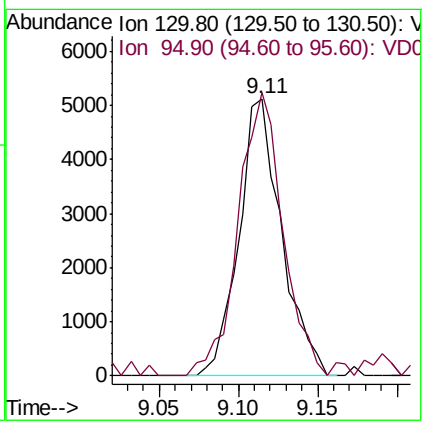


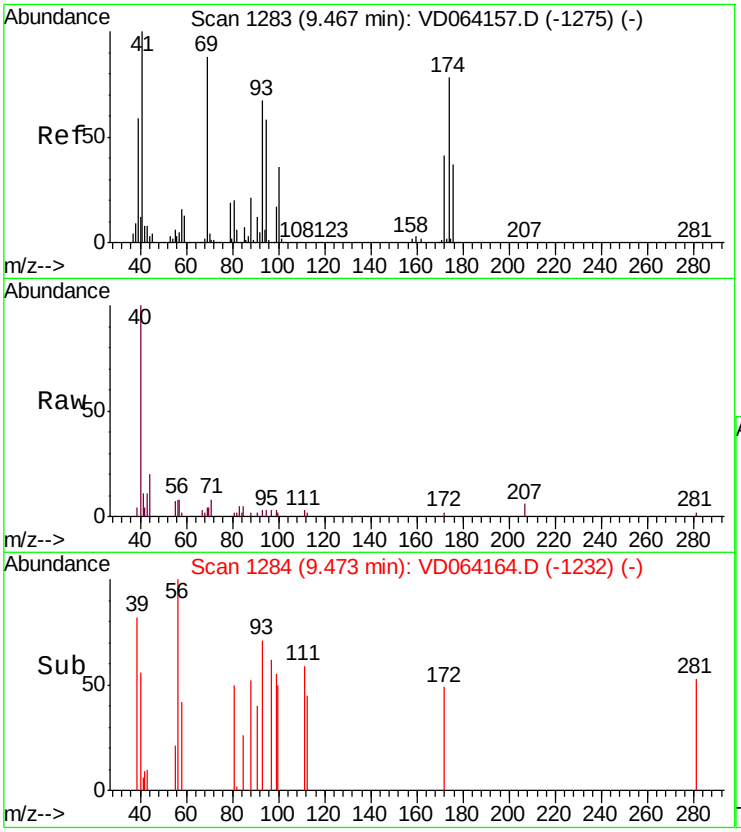


#44
Trichloroethene
Concen: 1.145 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:130 Resp: 9560

Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	181.6



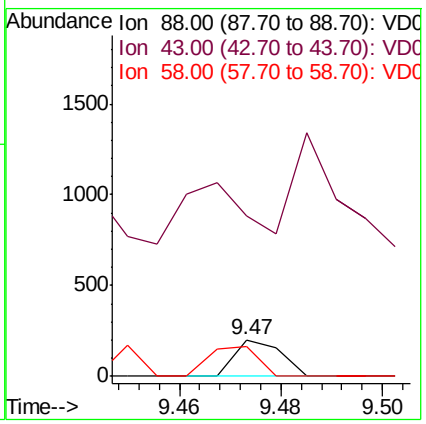


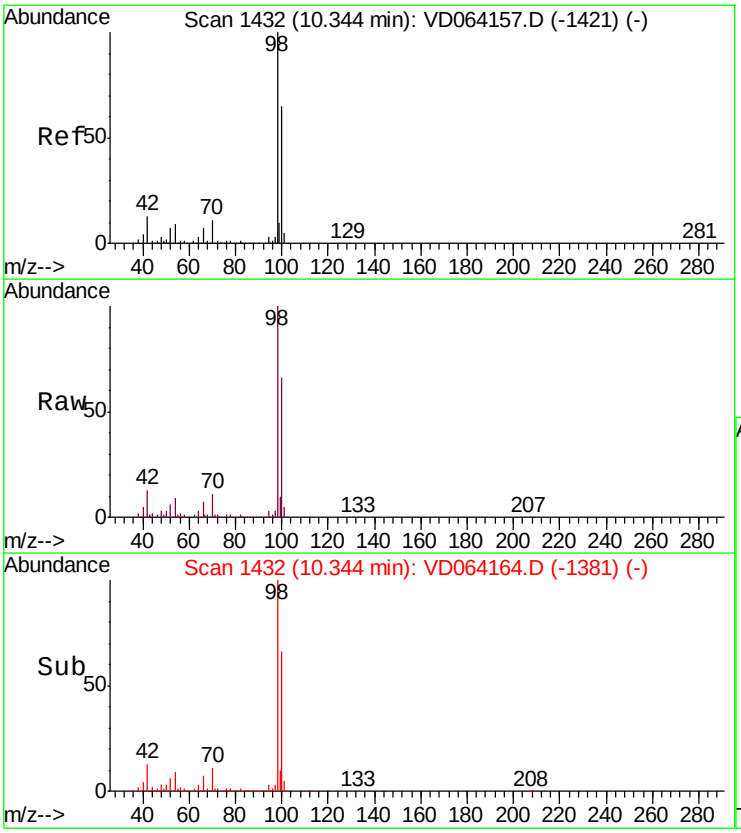
#49
1,4-Dioxane
Concen: 2.918 ug/l
RT: 9.47 min Scan# 1284
Delta R.T. 0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion: 88 Resp: 127

Ion	Ratio	Lower	Upper
88	100		
43	312.6	29.8	44.8#
58	88.2	58.1	87.1#

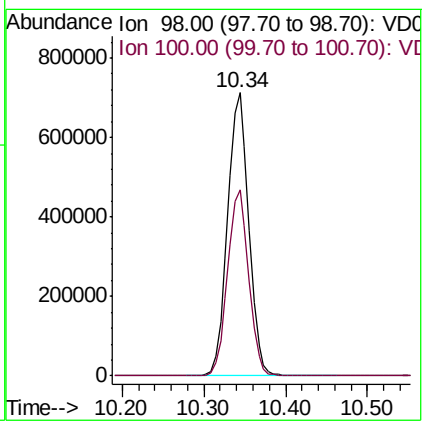


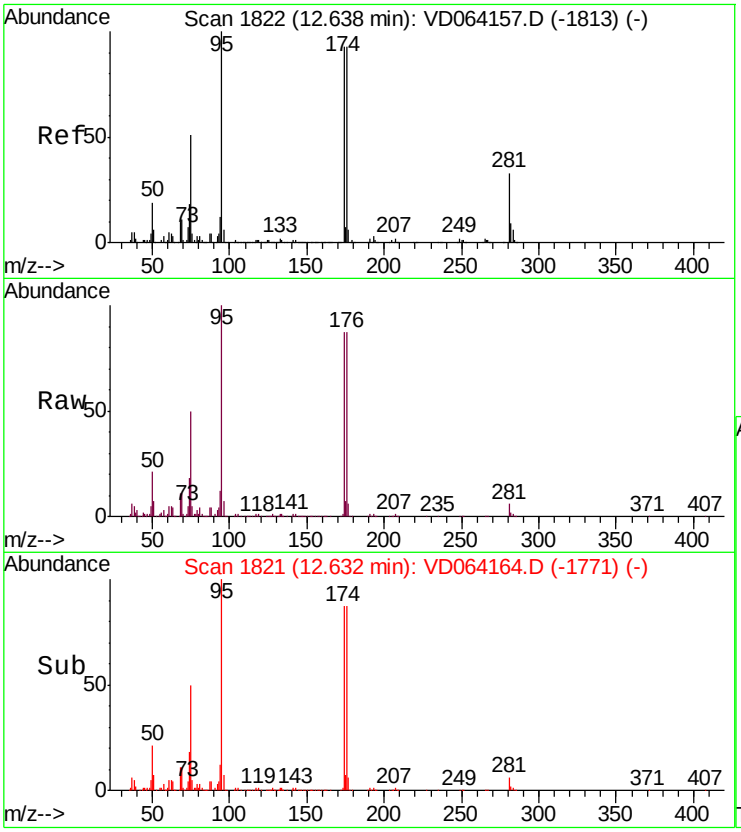


#50
Toluene-d8
Concen: 53.845 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion: 98 Resp: 1285494

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8



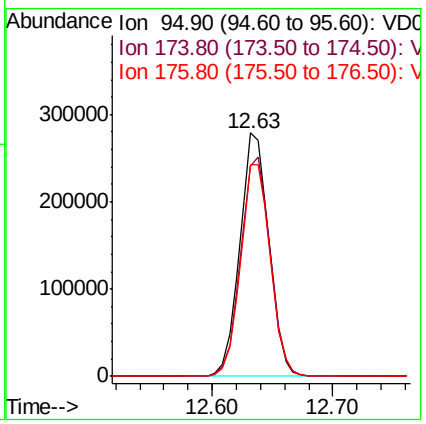


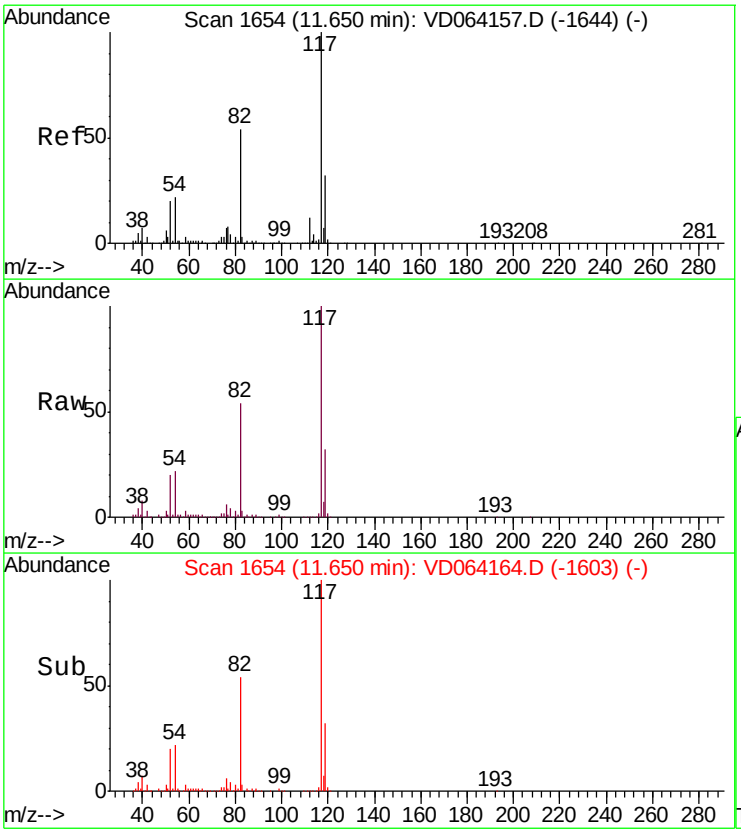
#62
4-Bromofluorobenzene
Concen: 56.776 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion: 95 Resp: 469405

Ion	Ratio	Lower	Upper
95	100		
174	91.8	0.0	183.6
176	88.8	0.0	180.2

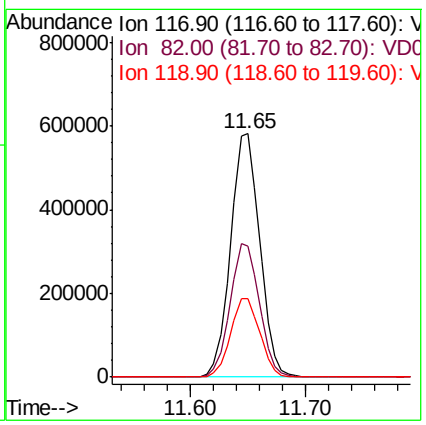


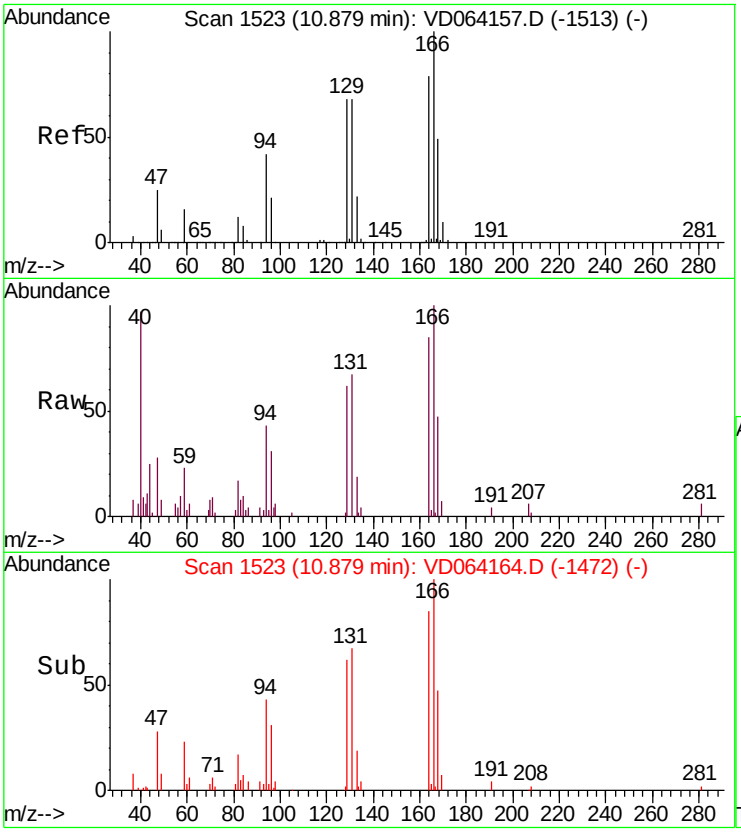


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:117 Resp: 1018515

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	31.9	25.6	38.4



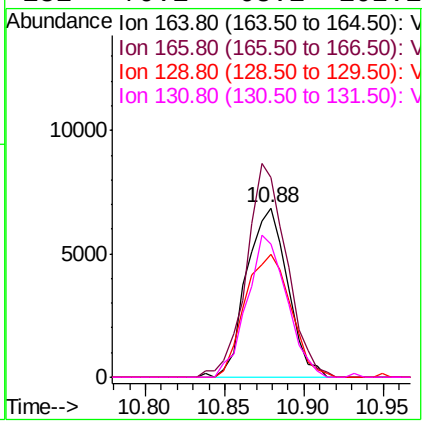


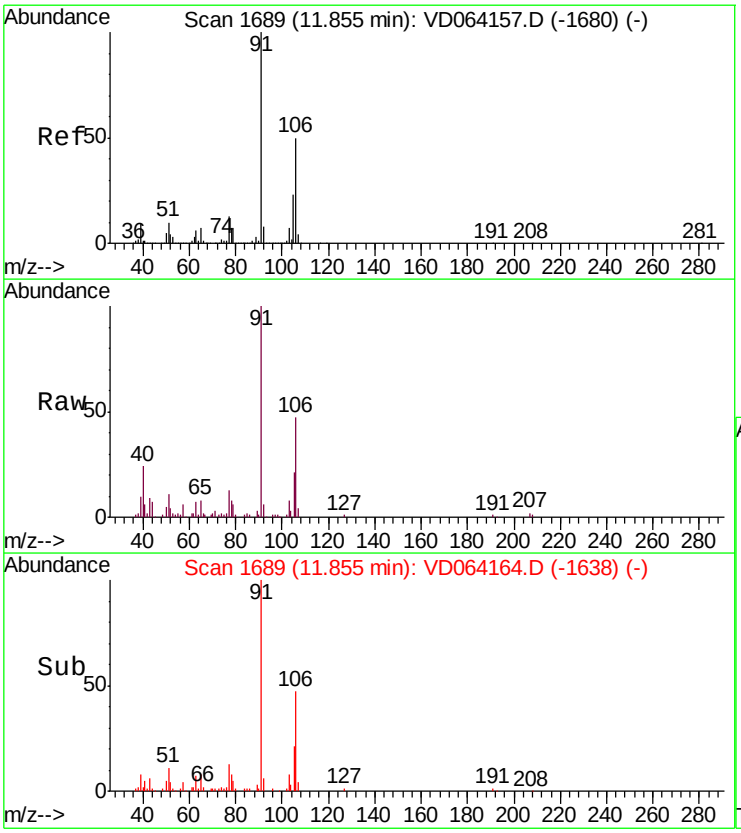
#64
Tetrachloroethene
Concen: 1.578 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion:164 Resp: 12358

Ion	Ratio	Lower	Upper
164	100		
166	117.8	100.8	151.2
129	72.6	68.7	103.1
131	79.1	68.1	102.1

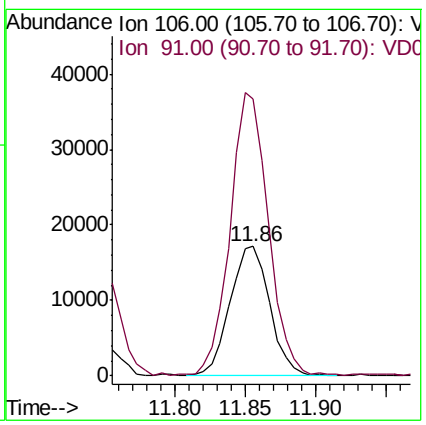


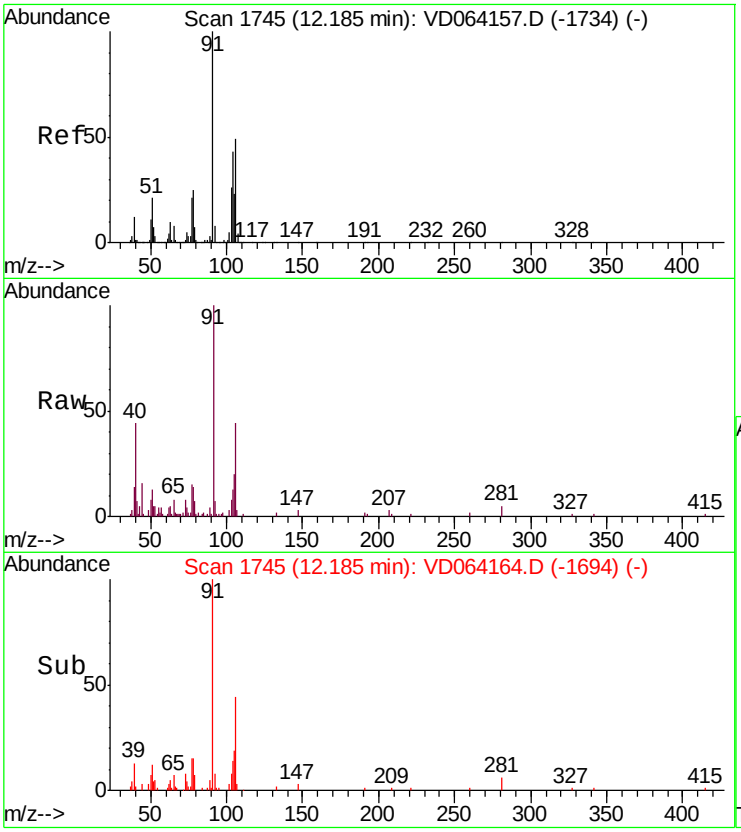


#68
m/p-Xylenes
Concen: 2.349 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:106 Resp: 33727

Ion	Ratio	Lower	Upper
106	100		
91	210.9	160.3	240.5



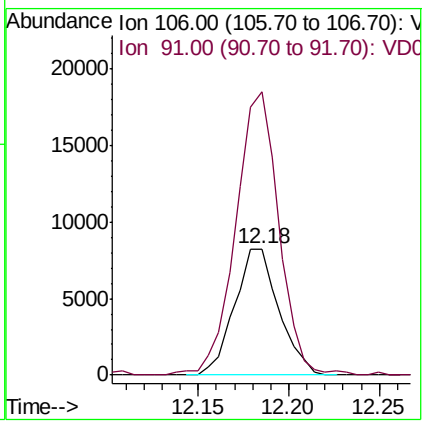


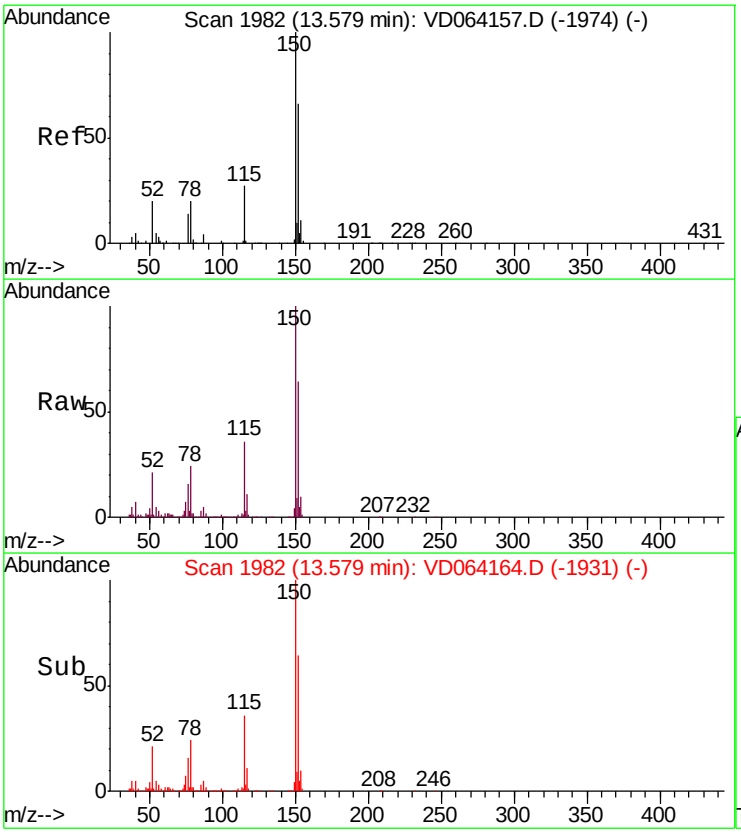
#69
o-Xylene
Concen: 1.057 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion:106 Resp: 14079

Ion	Ratio	Lower	Upper
106	100		
91	217.8	105.1	315.3

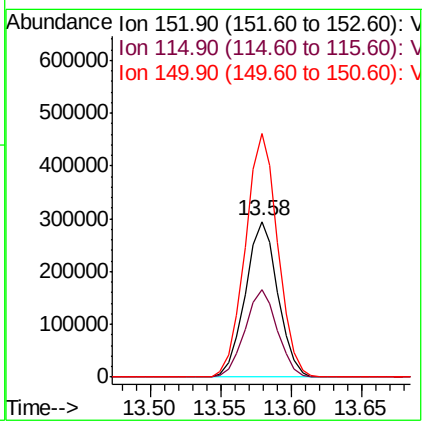


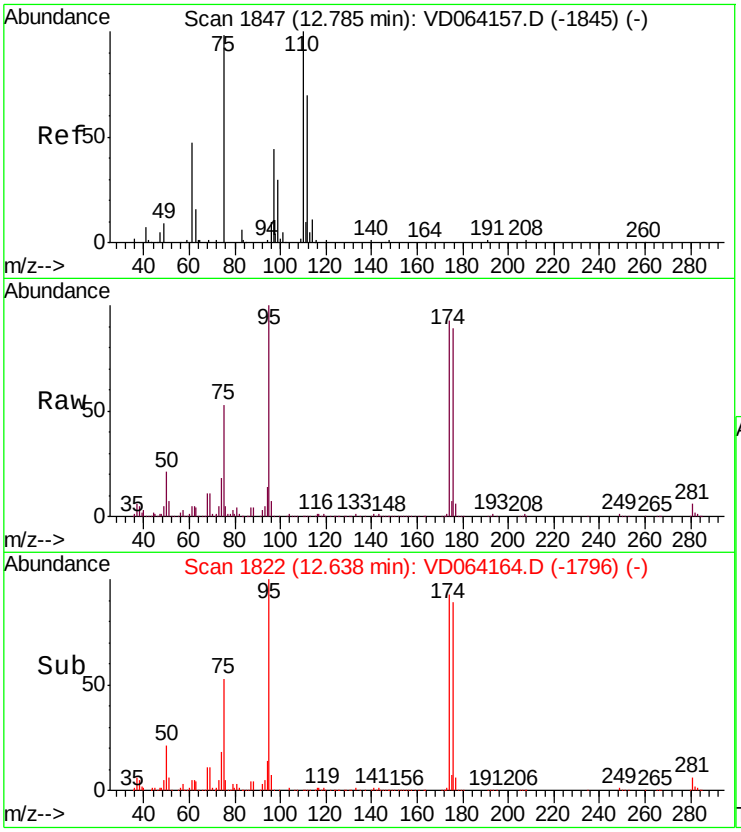


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion:152 Resp: 477067

Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.4	82.2
150	156.4	0.0	351.6



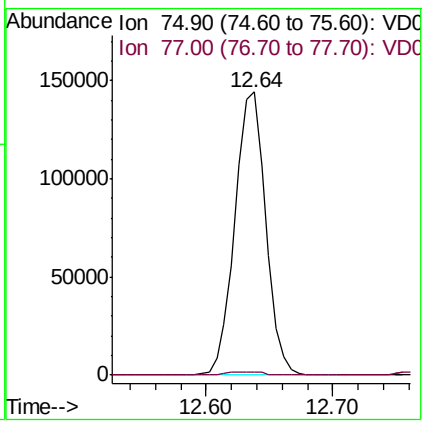


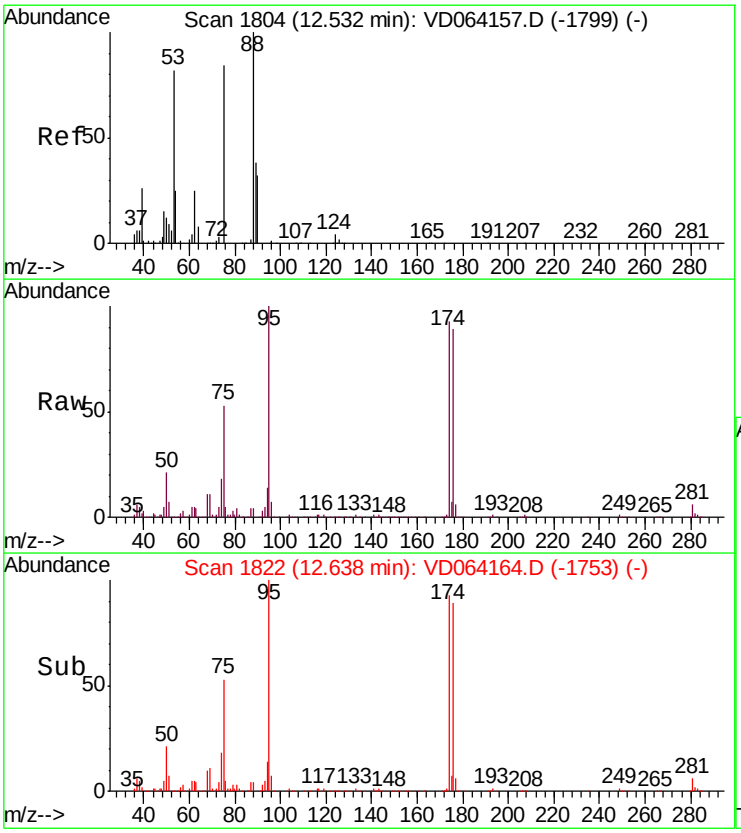
#76
1,2,3-Trichloropropane
Concen: 63.348 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.15 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion: 75 Resp: 243421

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#

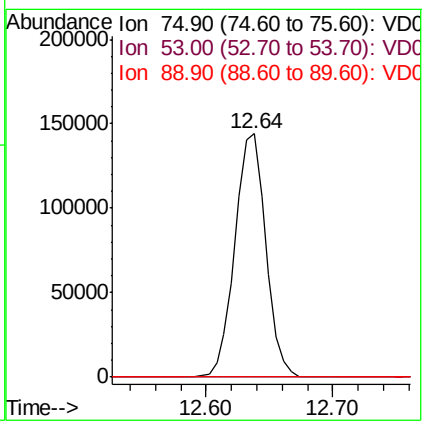


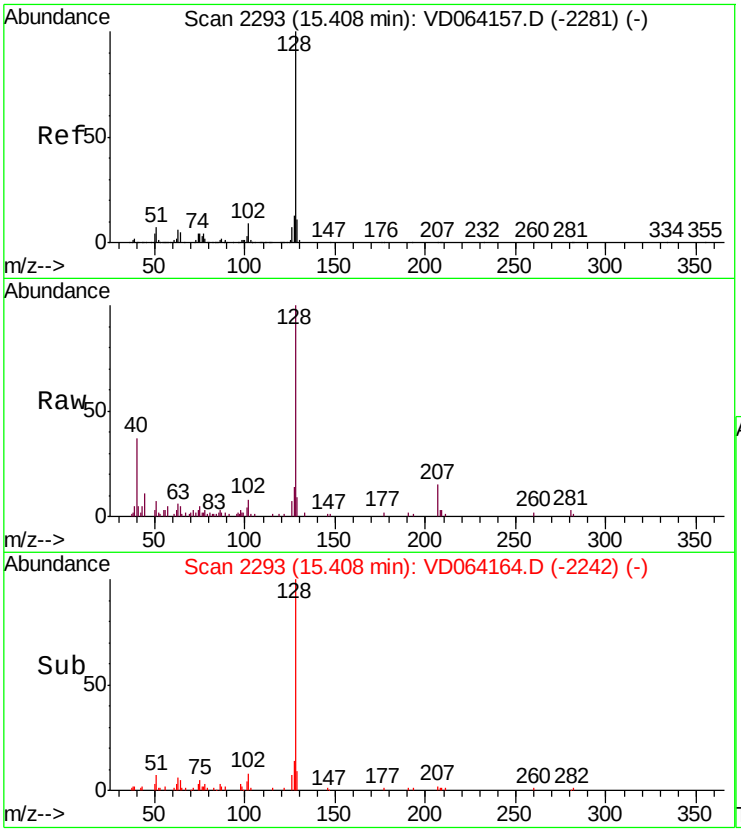


#81
trans-1,4-Dichloro-2-butene
Concen: 125.833 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.11 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Tgt Ion: 75 Resp: 243421

Ion	Ratio	Lower	Upper
75	100		
53	0.1	79.4	119.0#
89	0.0	36.6	55.0#





#95
Naphthalene
Concen: 2.351 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD064164.D
Acq: 08 Nov 2019 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP-37-S2

Tgt Ion:128 Resp: 39737

Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	9.4	8.6	13.0