Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066300.D
Acq On : 19 Aug 2020 03:35
Operator : VA/SY
Sample : L3681-01
Misc : 6.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Quant Time: Aug 19 06:46:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	166209	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	225798	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.64	117	159474	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	42839	50.00 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	8.33	65	72496	48.89 ug/l	0.00
Spiked Amount 50.000				Recovery = 97.78%	
35) Dibromofluoromethane	7.91	113	75149	52.54 ug/l	0.00
Spiked Amount 50.000				Recovery = 105.08%	
50) Toluene-d8	10.34	98	229850	43.54 ug/l	0.00
Spiked Amount 50.000				Recovery = 87.08%	
62) 4-Bromofluorobenzene	12.63	95	52217	27.44 ug/l	0.00
Spiked Amount 50.000				Recovery = 54.88%	

Target Compounds					Qvalue
10) Methyl Iodide	4.30	142	56	6.745 ug/l #	39
11) Tert butyl alcohol	5.22	59	306	Below Cal #	76
16) Acetone	4.16	43	1233	4.382 ug/l #	44
19) Methyl tert-butyl Ether	5.47	73	36299	10.759 ug/l	92
20) Methylene Chloride	4.97	84	9351	1.238 ug/l #	82
31) Cyclohexane	7.97	56	3912	1.506 ug/l #	23
36) 1,1-Dichloropropene	7.98	75	11470	5.406 ug/l #	54
38) Carbon Tetrachloride	7.97	117	16842	7.118 ug/l #	16
59) 2-Hexanone	10.96	43	1076	1.802 ug/l #	24
76) 1,2,3-Trichloropropane	12.63	75	26230	73.423 ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	26230	162.305 ug/l #	13
90) Hexachloroethane	14.11	117	942	1.773 ug/l #	7

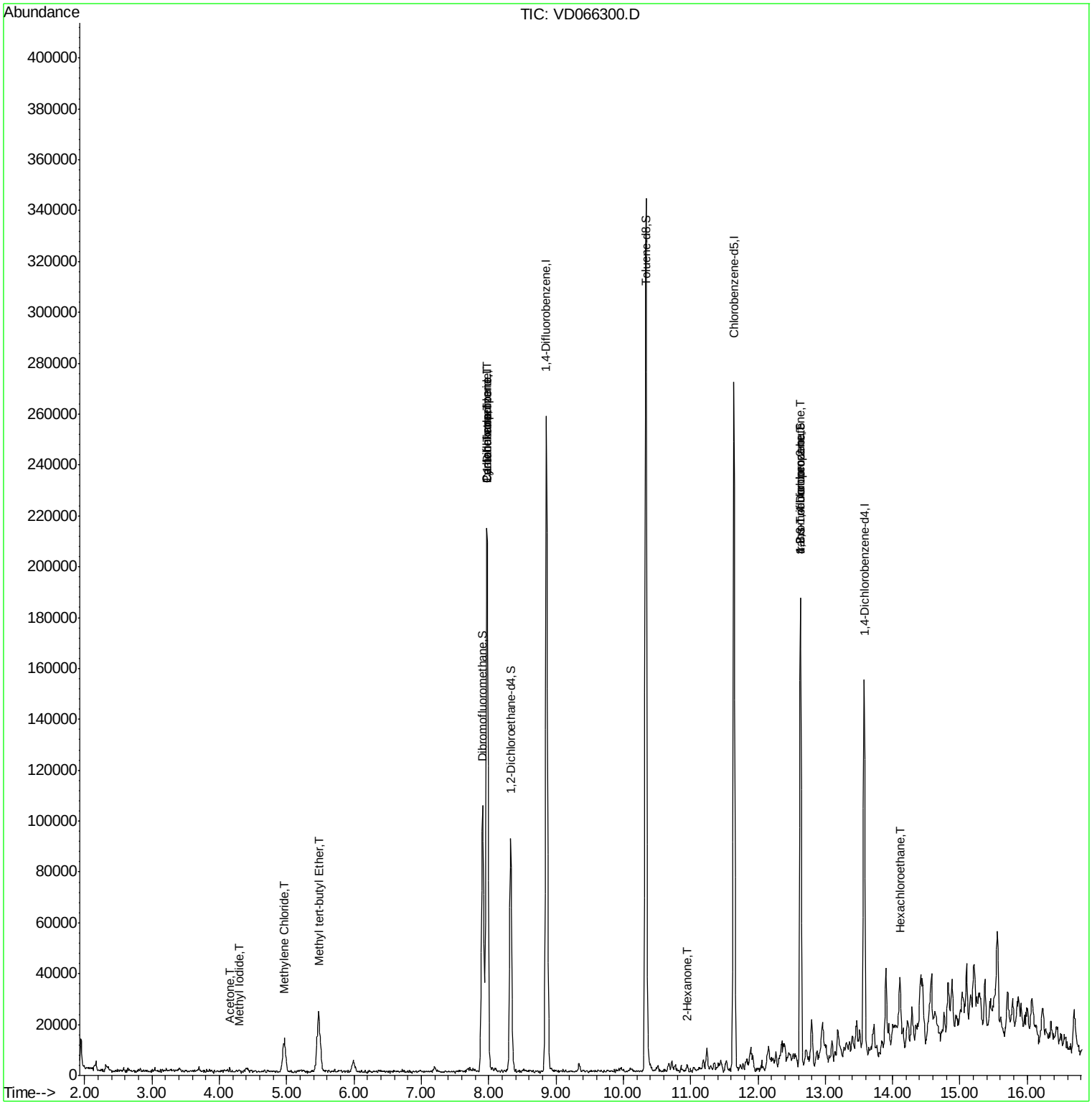
(#) = qualifier out of range (m) = manual integration (+) = signals summed

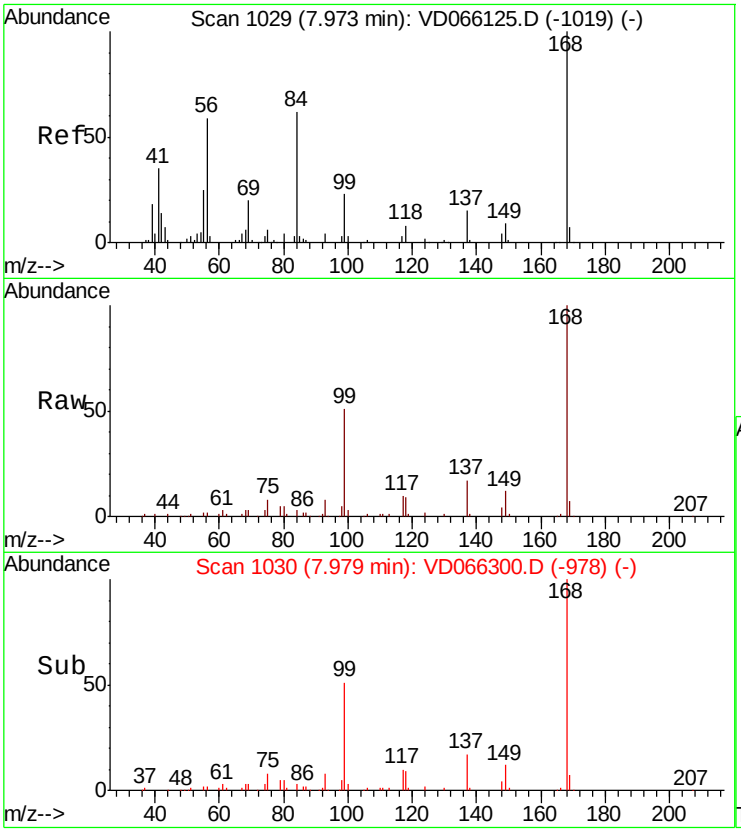
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081820\
Data File : VD066300.D
Acq On : 19 Aug 2020 03:35
Operator : VA/SY
Sample : L3681-01
Misc : 6.11G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Quant Time: Aug 19 06:46:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration



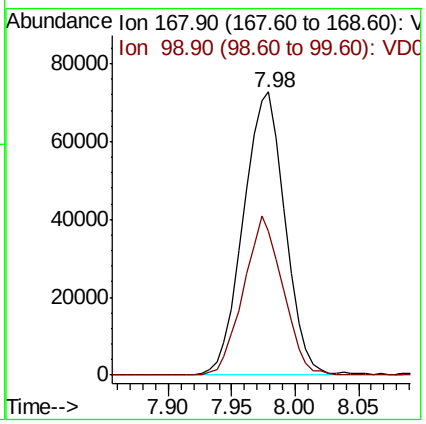


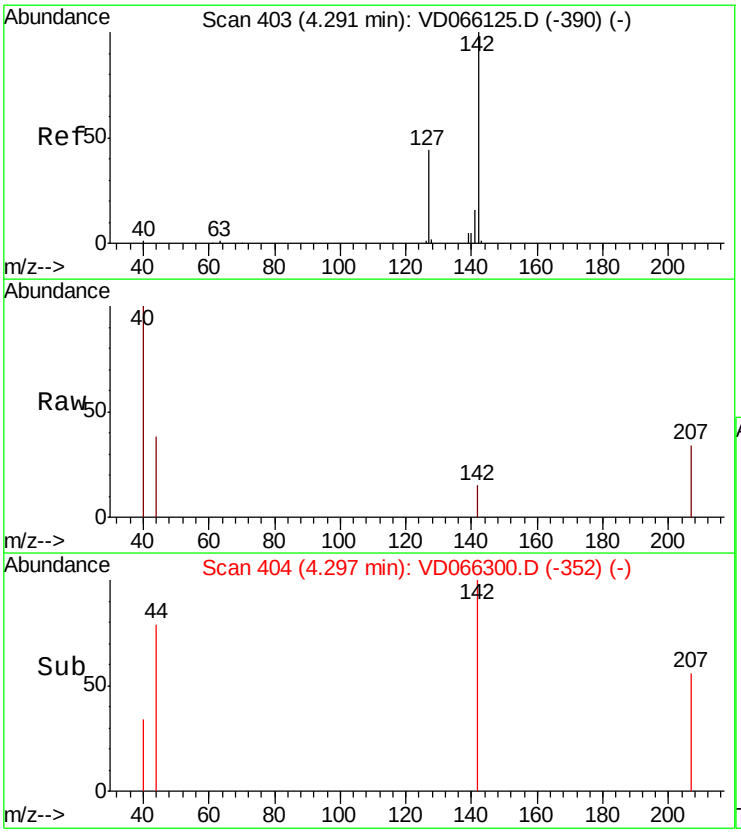
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion:168 Resp: 166209

Ion	Ratio	Lower	Upper
168	100		
99	51.0	42.2	63.4

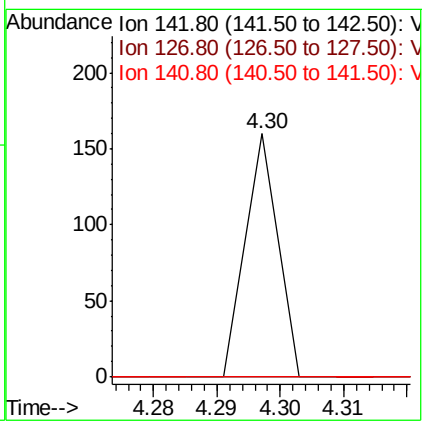


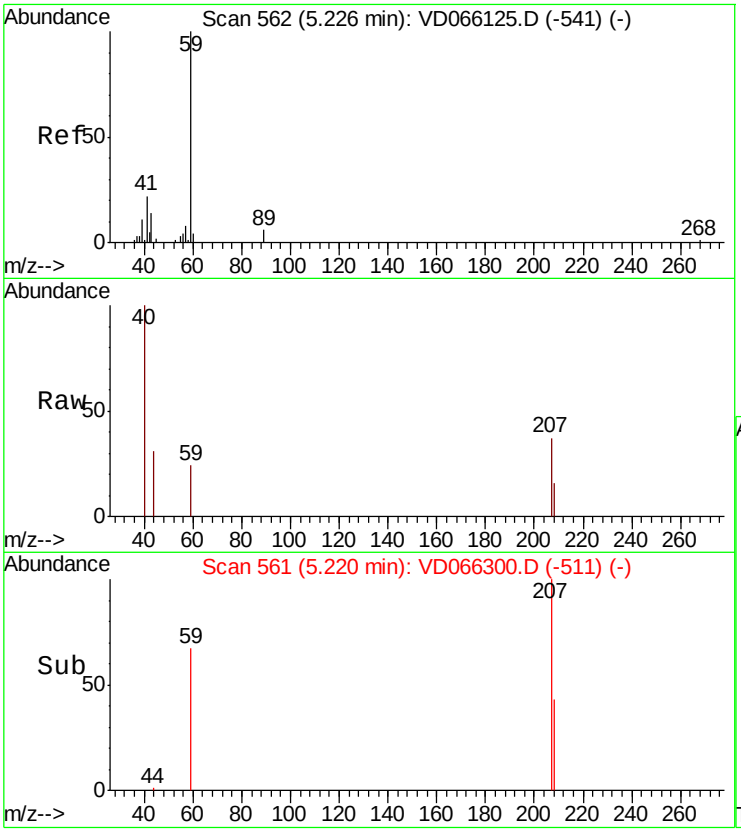


#10
Methyl Iodide
Concen: 6.745 ug/l
RT: 4.30 min Scan# 404
Delta R.T. 0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion:142 Resp: 56

Ion	Ratio	Lower	Upper
142	100		
127	0.0	36.2	54.4#
141	0.0	12.6	18.8#



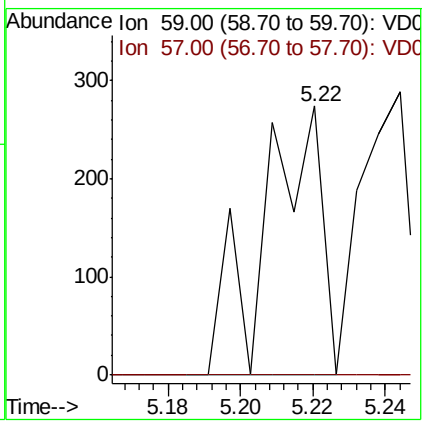


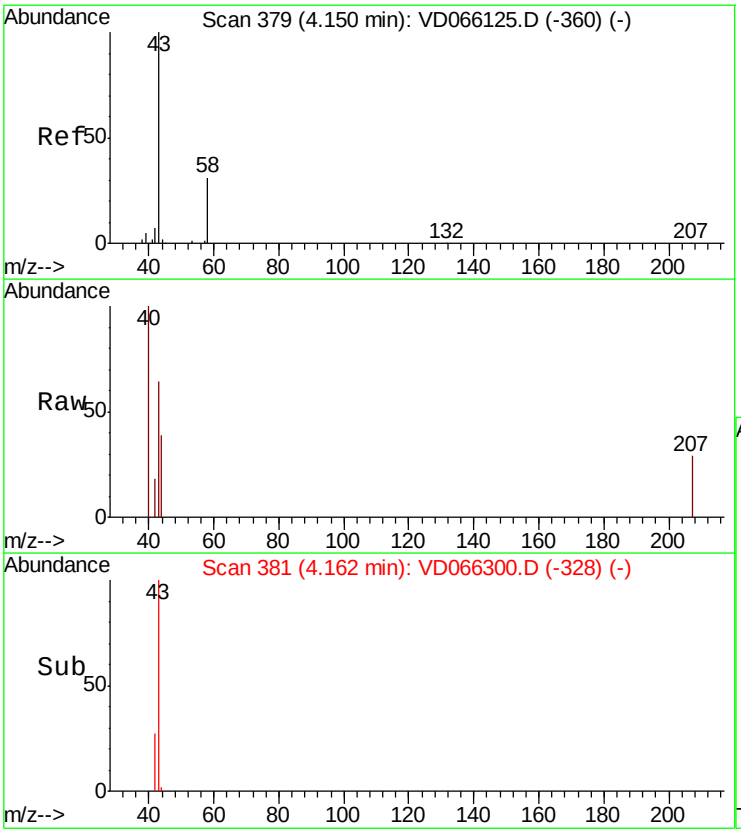
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.22 min Scan# 561
Delta R.T. -0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion: 59 Resp: 306

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#

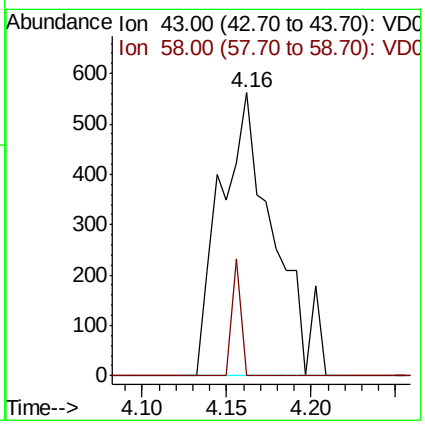


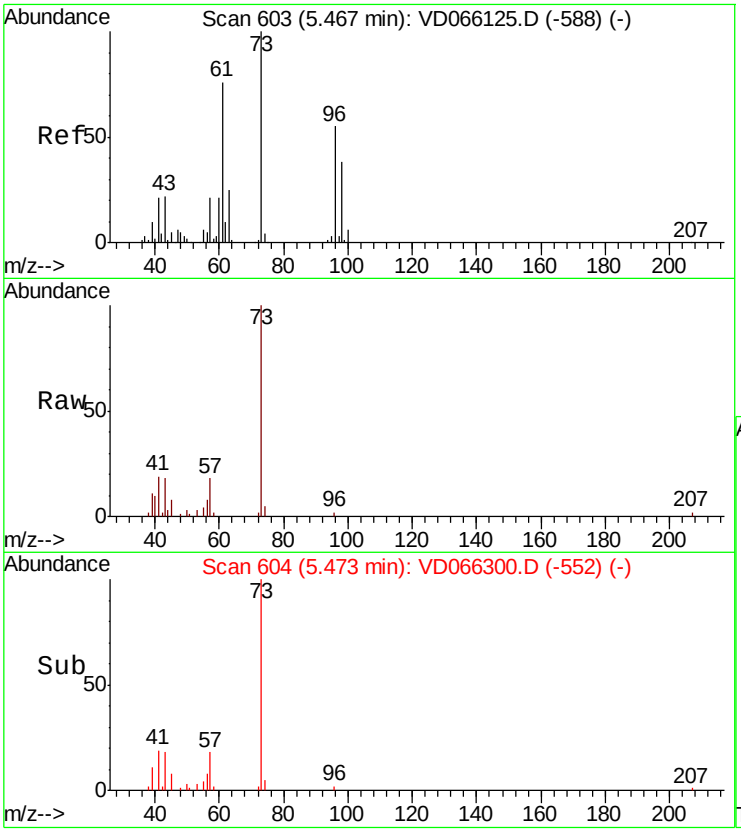


#16
Acetone
Concen: 4.382 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion: 43 Resp: 1233

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.7	37.1#



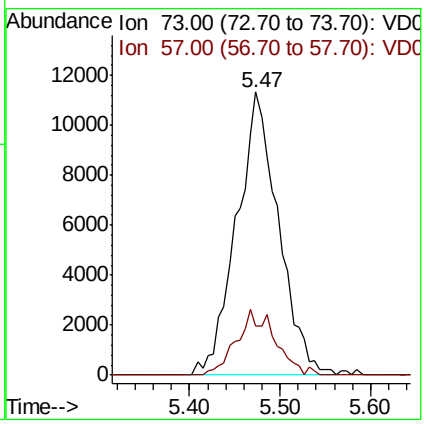


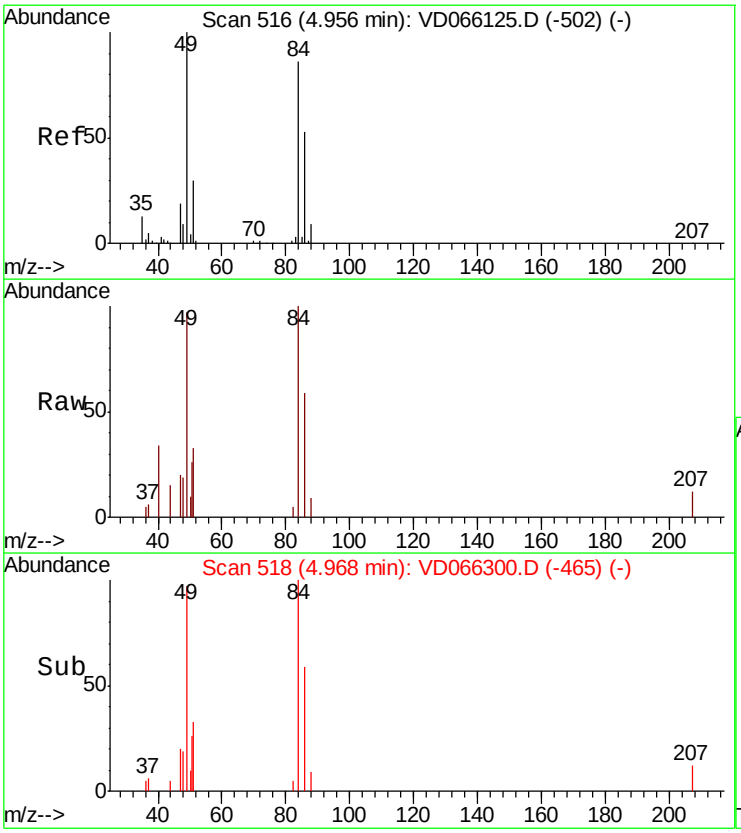
#19
Methyl tert-butyl Ether
Concen: 10.759 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion: 73 Resp: 36299

Ion	Ratio	Lower	Upper
73	100		
57	17.6	17.1	25.7

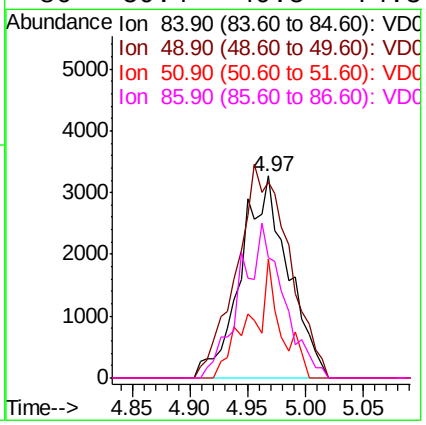


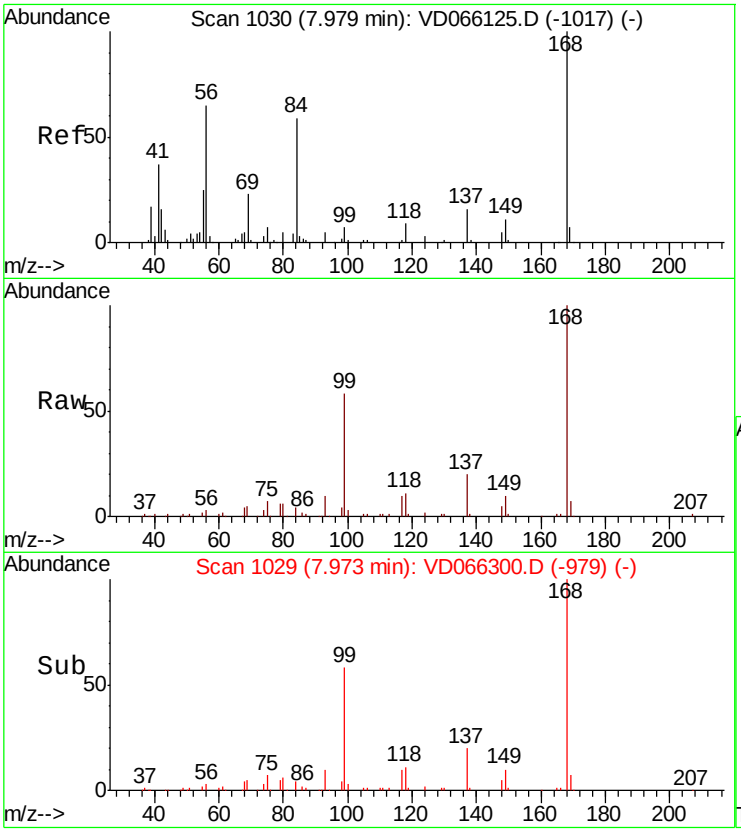


#20
Methylene Chloride
Concen: 1.238 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion: 84 Resp: 9351

Ion	Ratio	Lower	Upper
84	100		
49	96.9	93.5	140.3
51	58.7	28.2	42.4#
86	59.4	49.5	74.3



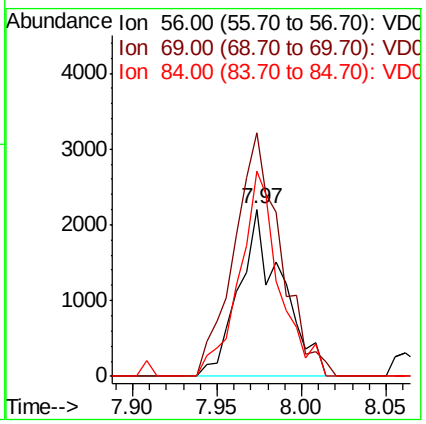


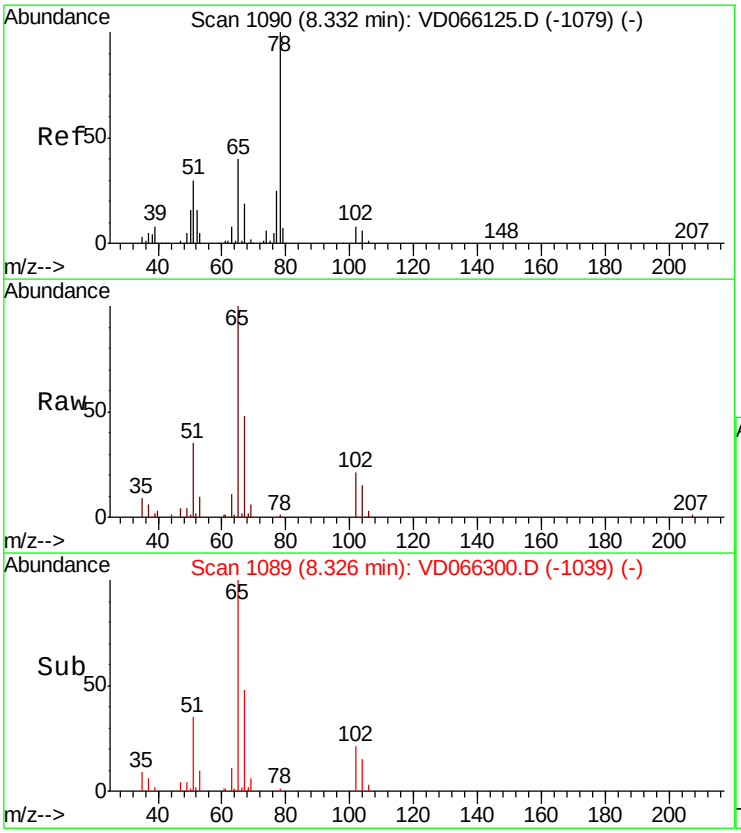
#31
Cyclohexane
Concen: 1.506 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion: 56 Resp: 3912

Ion	Ratio	Lower	Upper
56	100		
69	145.7	28.8	43.2#
84	122.9	73.0	109.6#

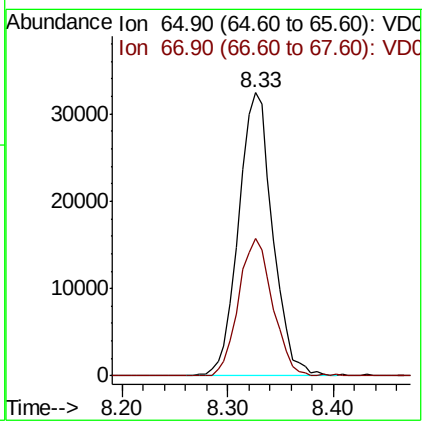


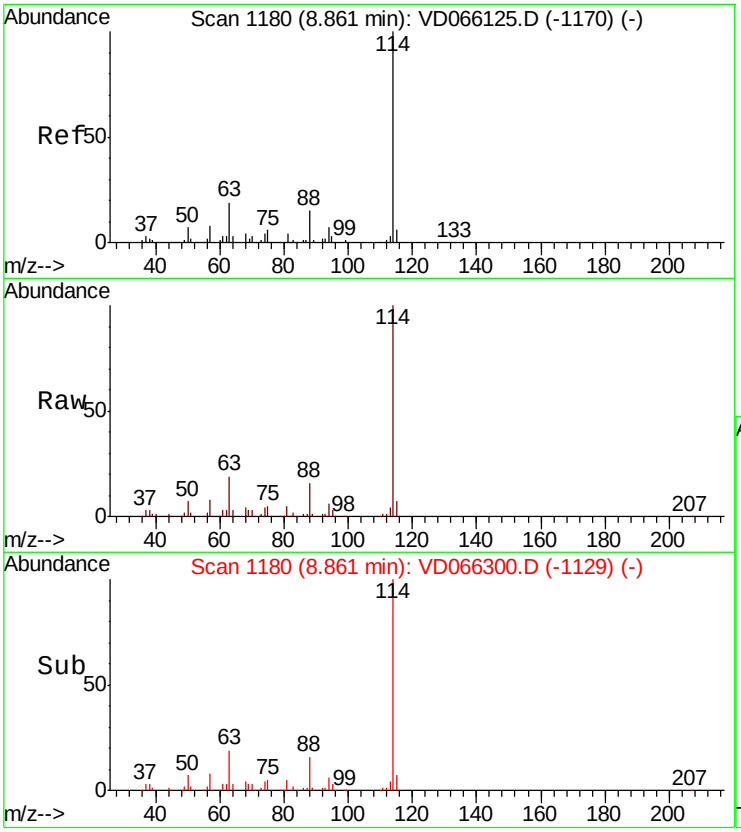


#33
1,2-Dichloroethane-d4
Concen: 48.890 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion: 65 Resp: 72496

Ion	Ratio	Lower	Upper
65	100		
67	48.3	0.0	104.6



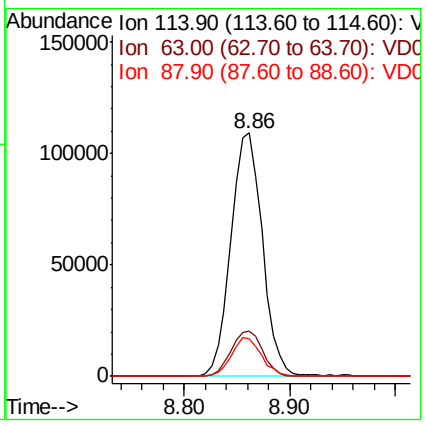


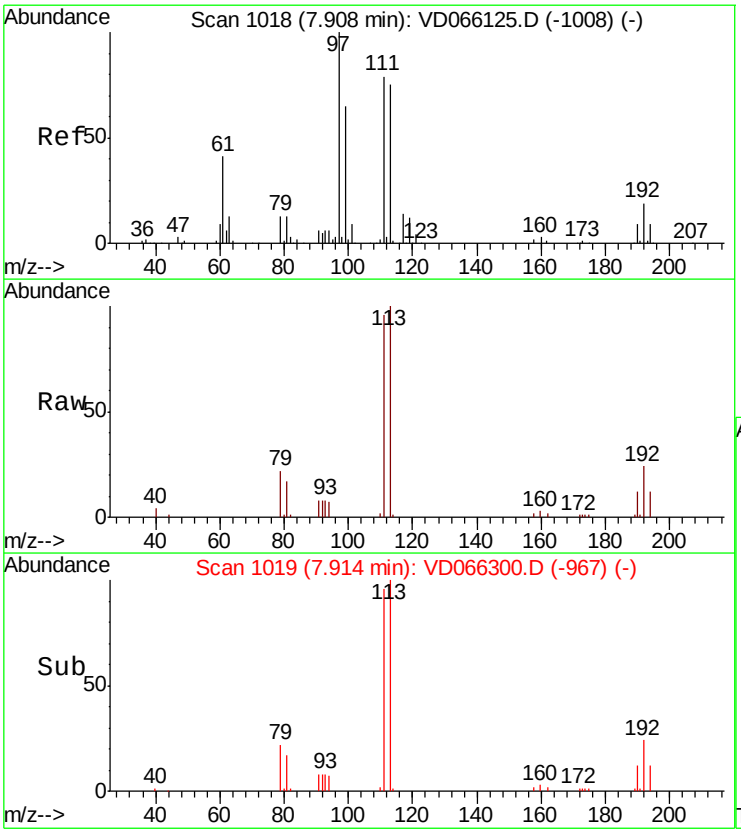
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion:114 Resp: 225798

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	38.6
88	15.6	0.0	30.0

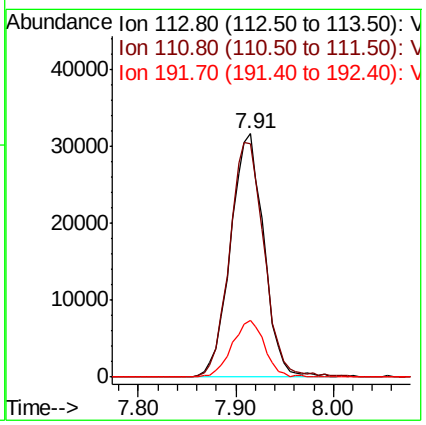


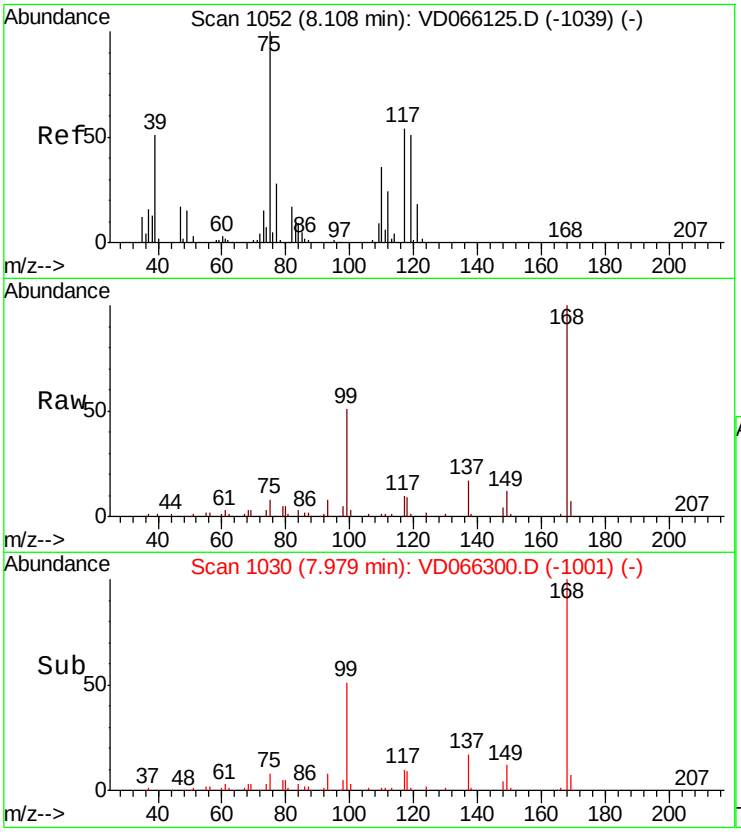


#35
Dibromofluoromethane
Concen: 52.537 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion:113 Resp: 75149

Ion	Ratio	Lower	Upper
113	100		
111	100.6	80.7	121.1
192	22.8	18.4	27.6



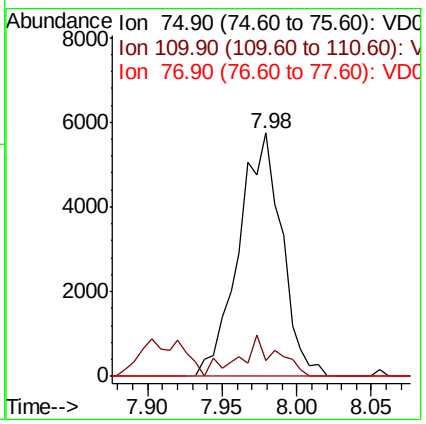


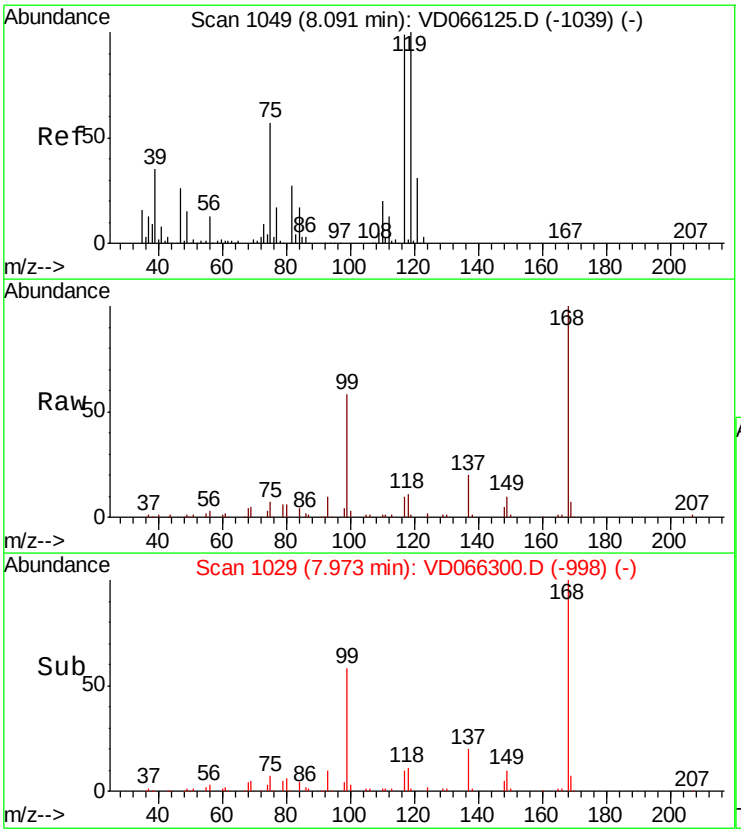
#36
1,1-Dichloropropene
Concen: 5.406 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion: 75 Resp: 11470

Ion	Ratio	Lower	Upper
75	100		
110	14.6	18.8	56.3#
77	0.0	24.2	36.2#

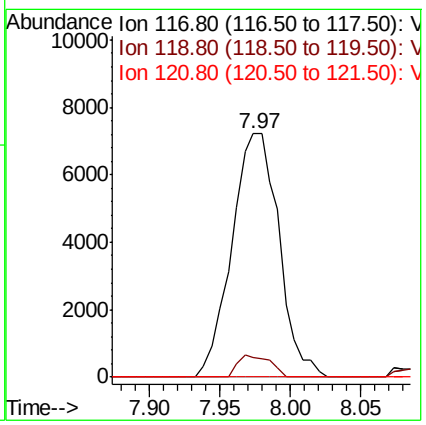


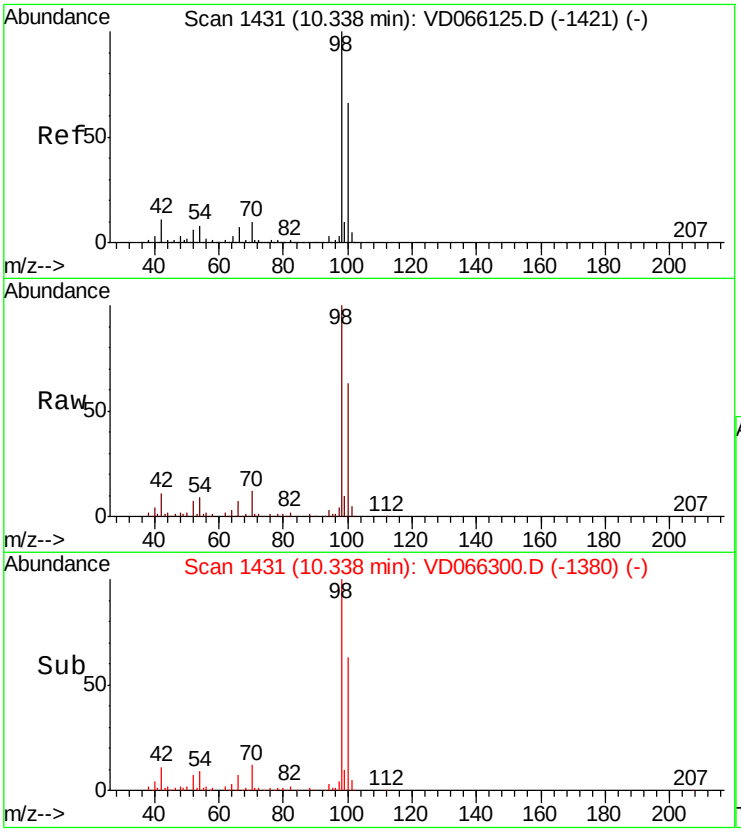


#38
Carbon Tetrachloride
Concen: 7.118 ug/l
RT: 7.97 min Scan# 1029
Delta R.T. -0.12 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion:117 Resp: 16842

Ion	Ratio	Lower	Upper
117	100		
119	8.3	81.0	121.4#
121	0.0	24.8	37.2#



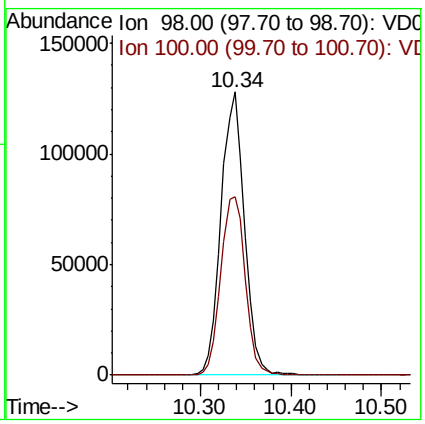


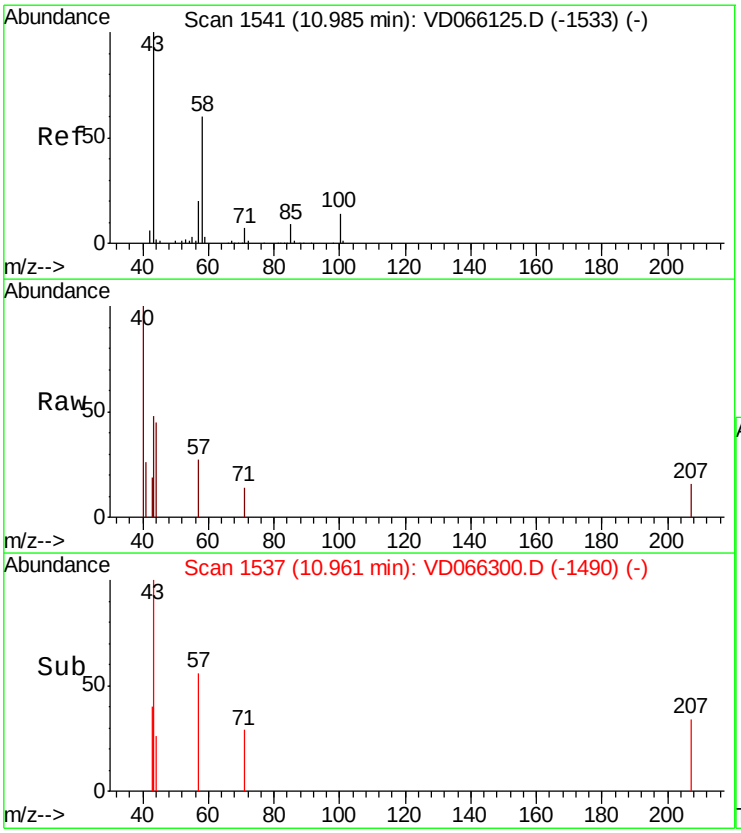
#50
Toluene-d8
Concen: 43.544 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion: 98 Resp: 229850

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8

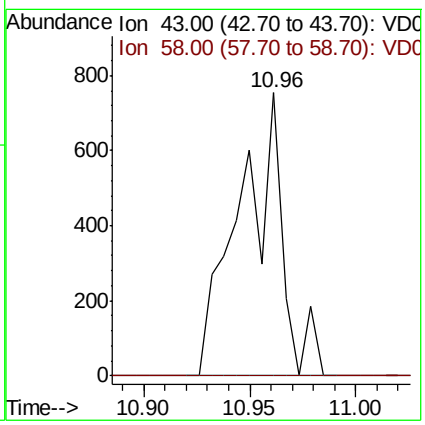


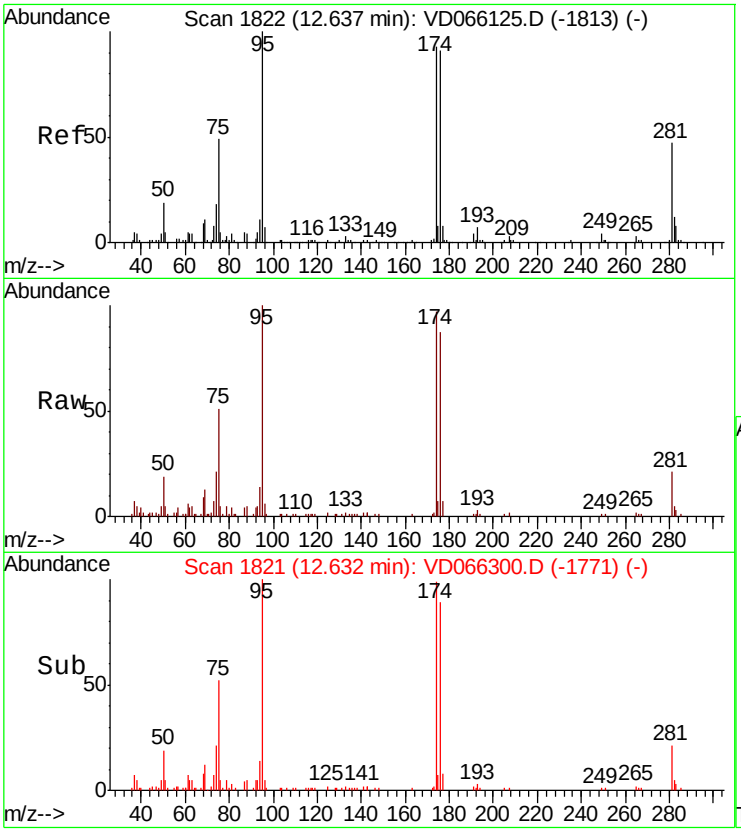


#59
2-Hexanone
Concen: 1.802 ug/l
RT: 10.96 min Scan# 1537
Delta R.T. -0.02 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion: 43 Resp: 1076

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	83.4#



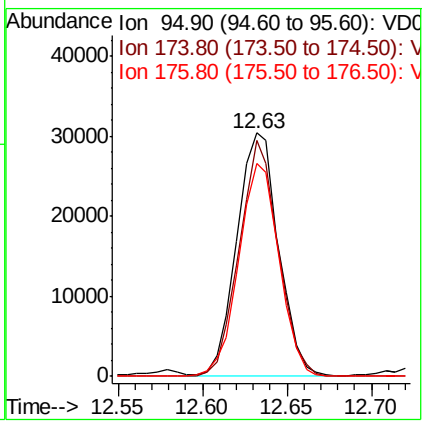


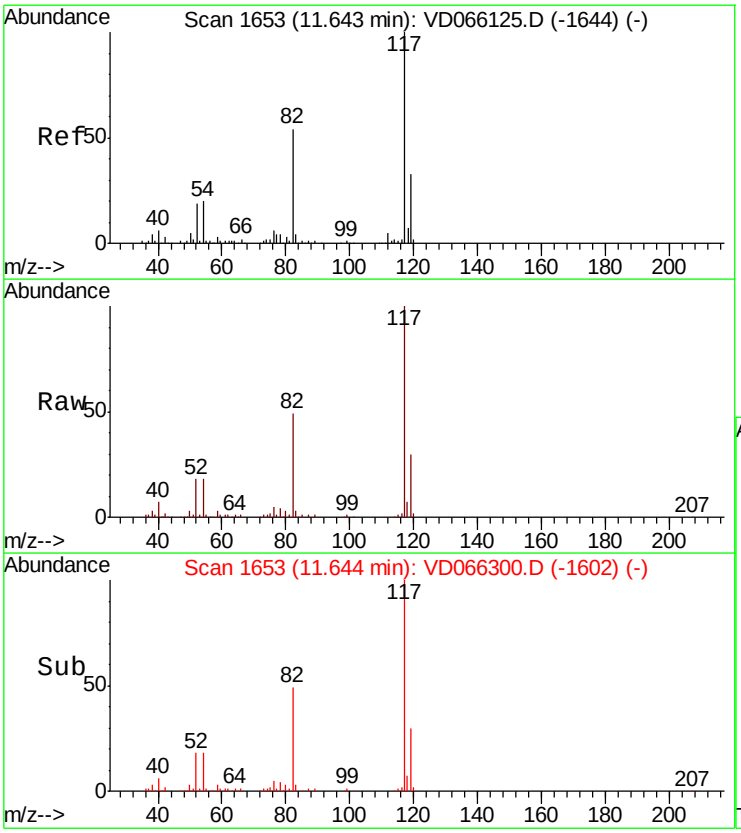
#62
4-Bromofluorobenzene
Concen: 27.443 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion: 95 Resp: 52217

Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	180.8
176	84.7	0.0	181.2

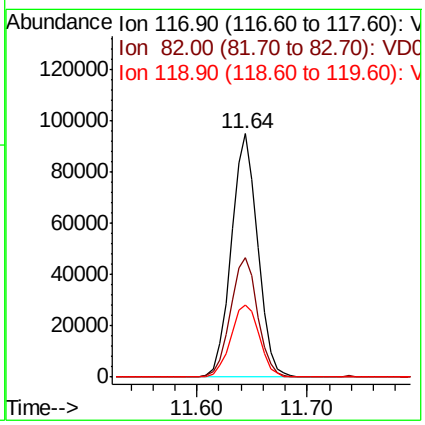


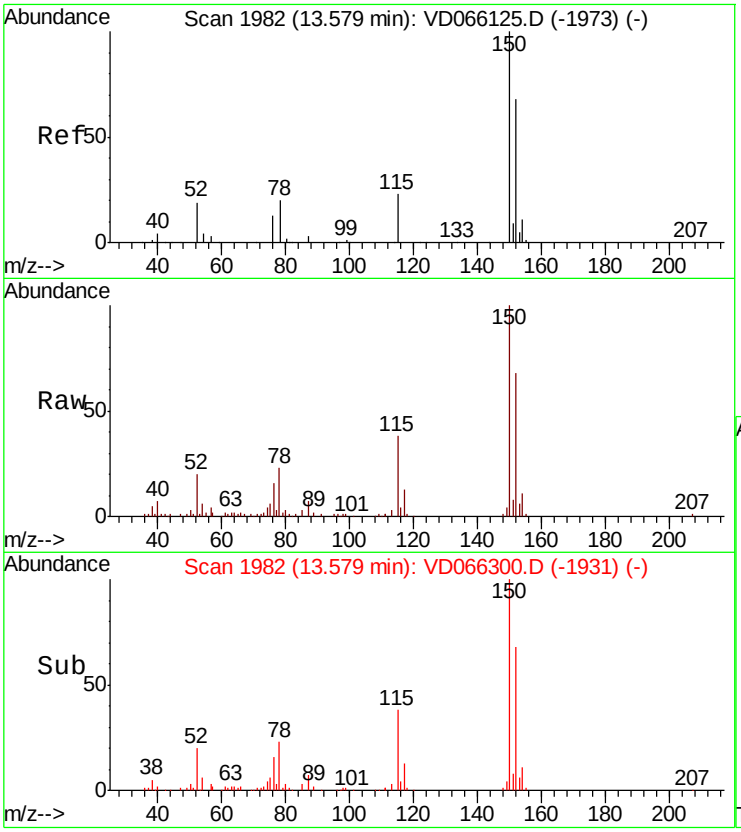


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion:117 Resp: 159474

Ion	Ratio	Lower	Upper
117	100		
82	49.1	43.0	64.4
119	29.8	26.1	39.1



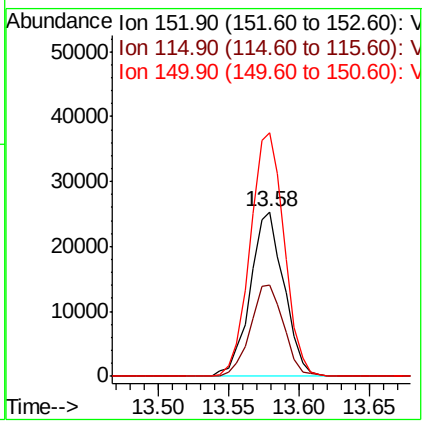


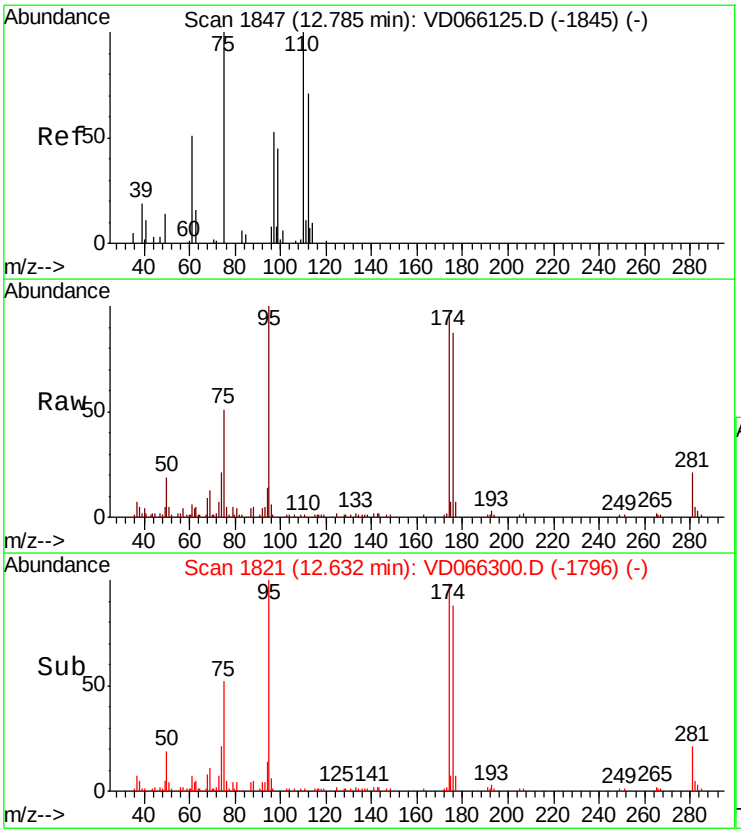
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

Tgt Ion:152 Resp: 42839

Ion	Ratio	Lower	Upper
152	100		
115	54.4	28.0	83.9
150	148.0	0.0	346.4

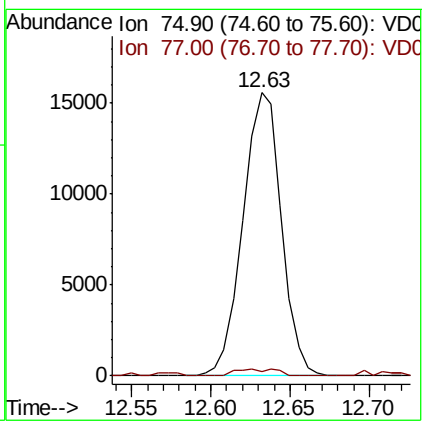


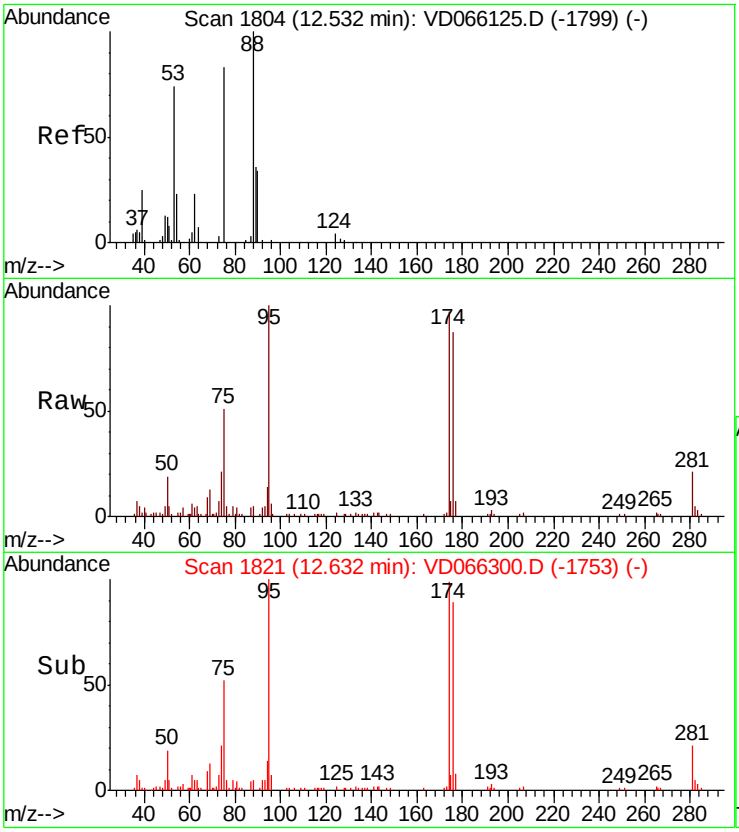


#76
1,2,3-Trichloropropane
Concen: 73.423 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion: 75 Resp: 26230

Ion	Ratio	Lower	Upper
75	100		
77	2.6	0.0	0.0#



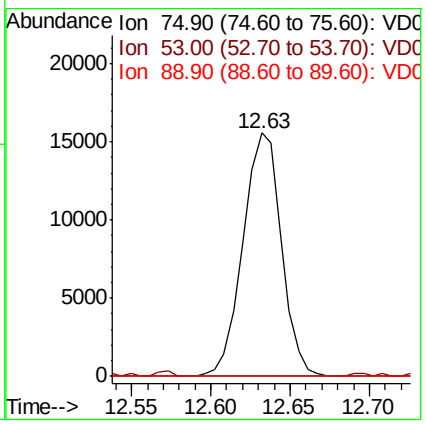


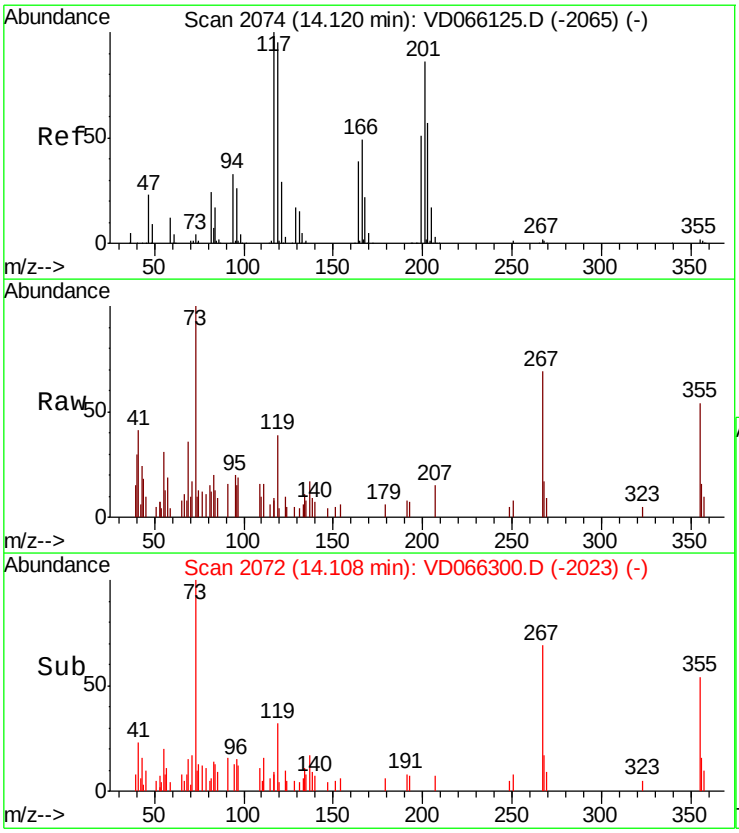
#81
trans-1,4-Dichloro-2-butene
Concen: 162.305 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Instrument :
MSVOA_D
ClientSampleId :
TP-6-4-9FT

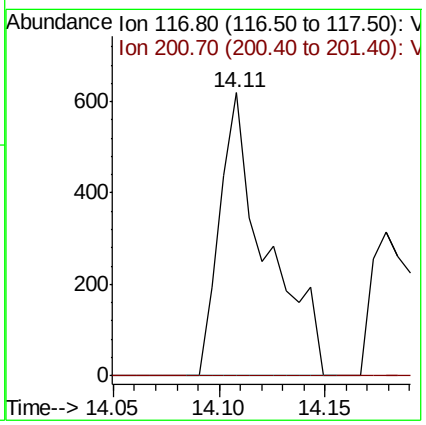
Tgt Ion: 75 Resp: 26230

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.2#
89	0.0	36.6	55.0#





#90
Hexachloroethane
Concen: 1.773 ug/l
RT: 14.11 min Scan# 2072
Delta R.T. -0.01 min
Lab File: VD066300.D
Acq: 19 Aug 2020 03:35

Tgt Ion:117 Resp: 942

Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.7	128.1#