Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081920\
Data File : VD066332.D
Acq On : 19 Aug 2020 23:10
Operator : VA/SY
Sample : VD0819SBL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Quant Time: Aug 20 07:20:29 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	204440	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	321521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	295098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	145368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117468	64.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 128.80%			
35) Dibromofluoromethane	7.91	113	112848	55.40	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.80%			
50) Toluene-d8	10.34	98	398721	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.10%			
62) 4-Bromofluorobenzene	12.63	95	140675	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	3.28	101	3832	1.185	ug/l #	55
10) Methyl Iodide	4.31	142	1319	7.365	ug/l #	55
11) Tert butyl alcohol	5.25	59	143	Below Cal	#	76
15) Acrylonitrile	5.44	53	529	1.376	ug/l #	43
16) Acetone	4.15	43	1488	4.300	ug/l #	44
20) Methylene Chloride	4.97	84	21178	6.608	ug/l	95
25) 2-Butanone	7.19	43	1344	2.640	ug/l #	47
26) 2,2-Dichloropropane	7.19	77	4788	1.591	ug/l #	55
29) Tetrahydrofuran	7.56	42	656	2.080	ug/l #	69
31) Cyclohexane	7.99	56	6855	2.145	ug/l #	70
51) 4-Methyl-2-Pentanone	10.22	43	1823	1.505	ug/l #	78
58) 2-Chloroethyl Vinyl ether	9.94	63	2783	3.168	ug/l	94
59) 2-Hexanone	10.98	43	1307	1.537	ug/l	64
68) m/p-Xylenes	11.86	106	4208	1.046	ug/l	93
76) 1,2,3-Trichloropropane	12.63	75	73768	60.851	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	73768	134.515	ug/l #	13

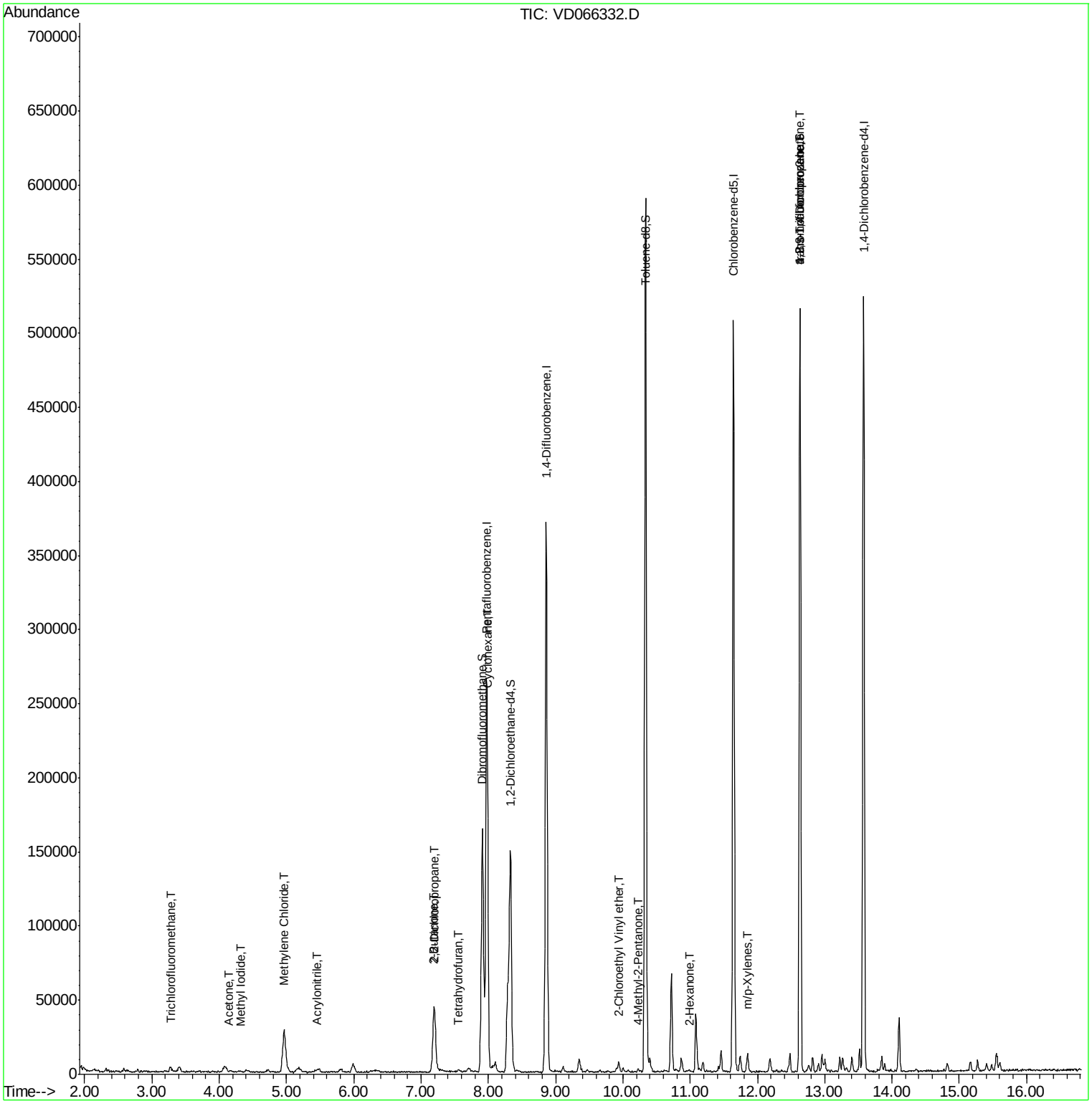
(#) = qualifier out of range (m) = manual integration (+) = signals summed

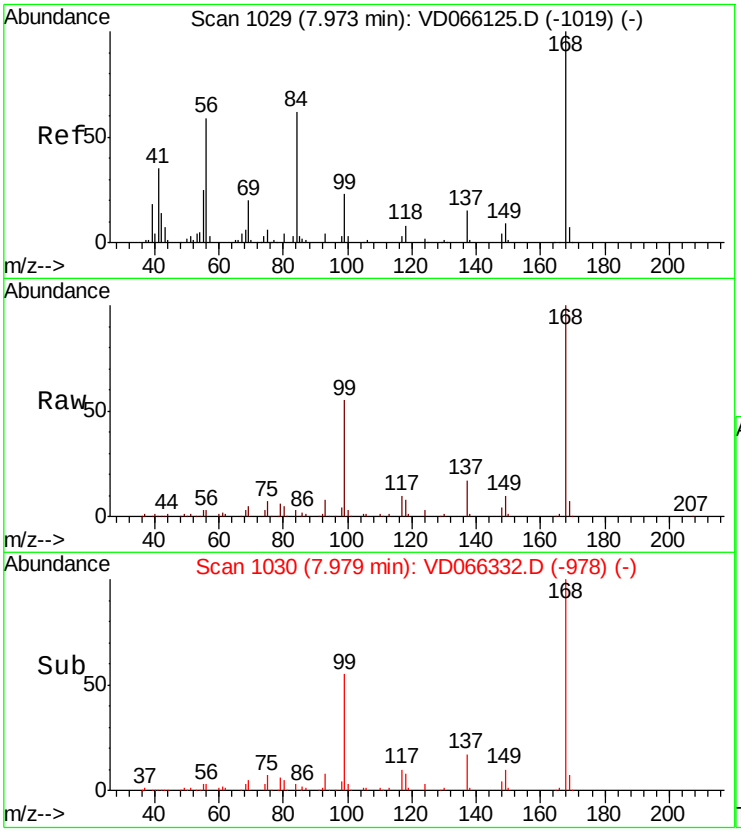
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081920\
Data File : VD066332.D
Acq On : 19 Aug 2020 23:10
Operator : VA/SY
Sample : VD0819SBL02
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Quant Time: Aug 20 07:20:29 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



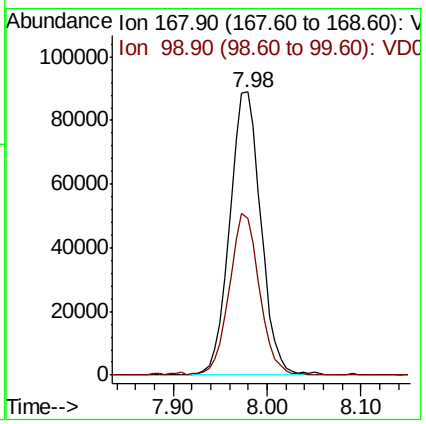


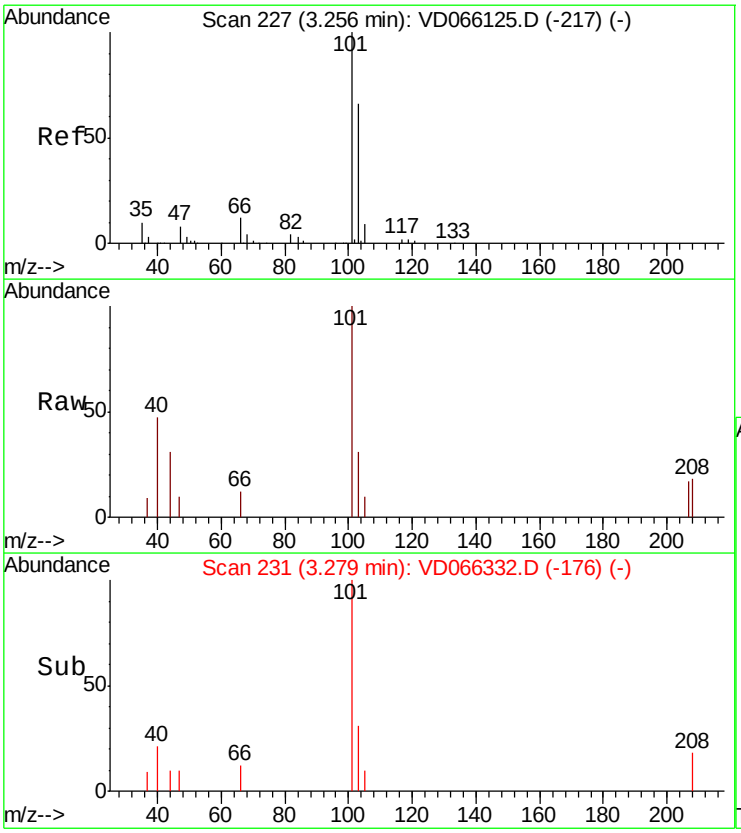
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion:168 Resp: 204440

Ion	Ratio	Lower	Upper
168	100		
99	55.3	42.2	63.4

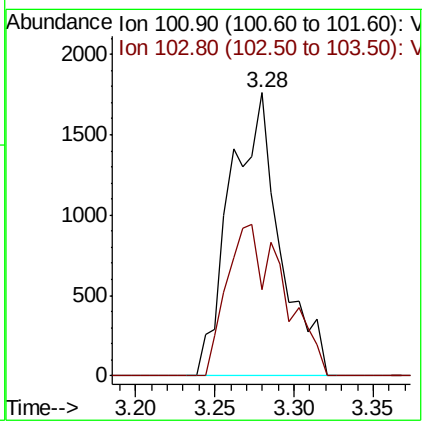


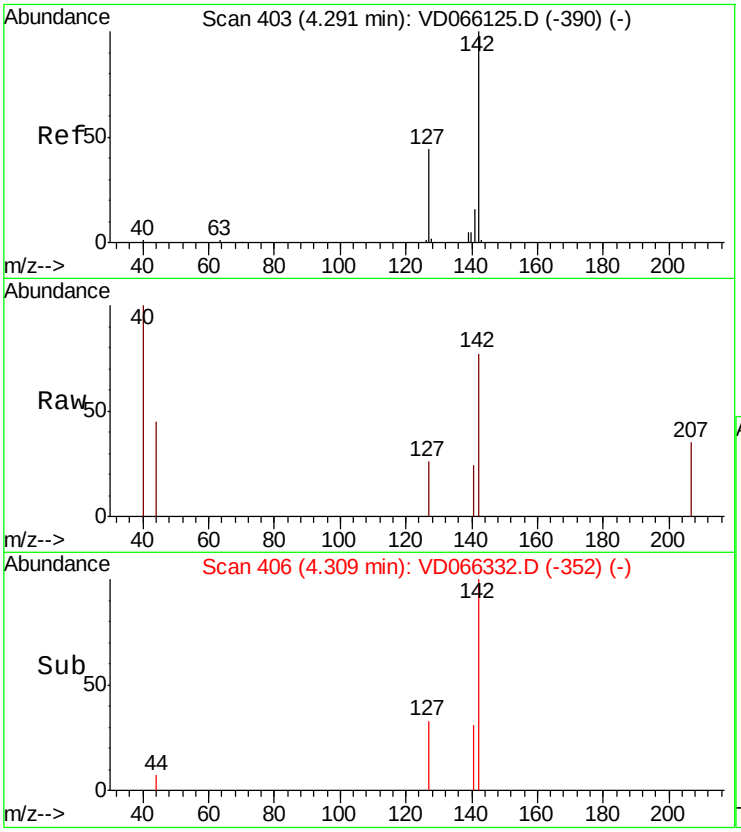


#7
Trichlorofluoromethane
Concen: 1.185 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.02 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion:101 Resp: 3832

Ion	Ratio	Lower	Upper
101	100		
103	30.6	53.0	79.6#



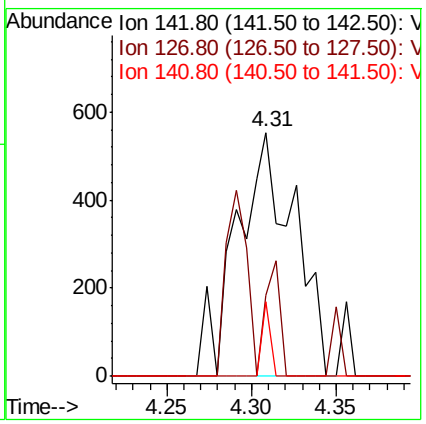


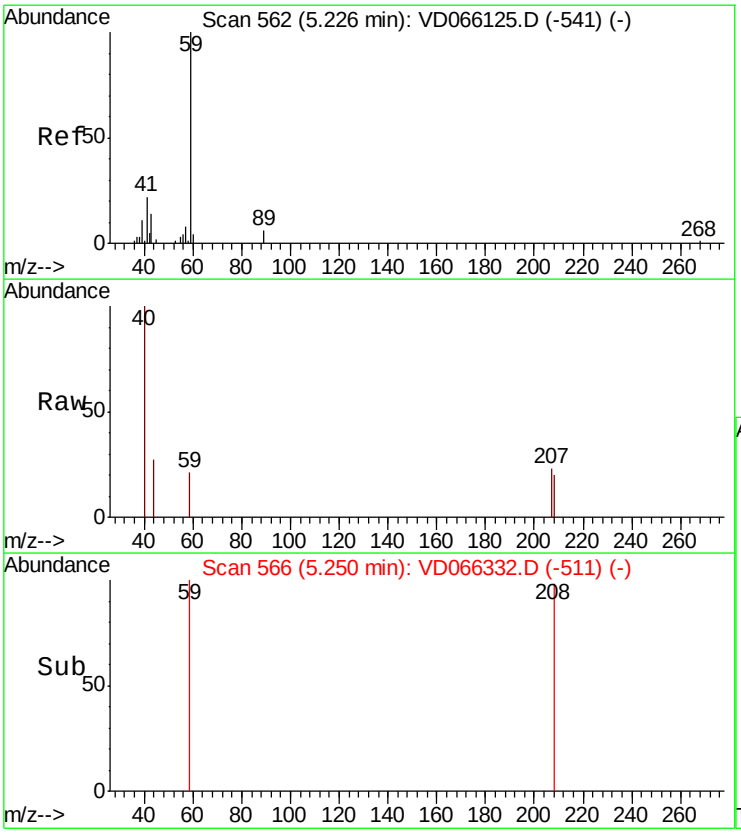
#10
Methyl Iodide
Concen: 7.365 ug/l
RT: 4.31 min Scan# 406
Delta R.T. 0.02 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion:142 Resp: 1319

Ion	Ratio	Lower	Upper
142	100		
127	11.9	36.2	54.4#
141	4.5	12.6	18.8#

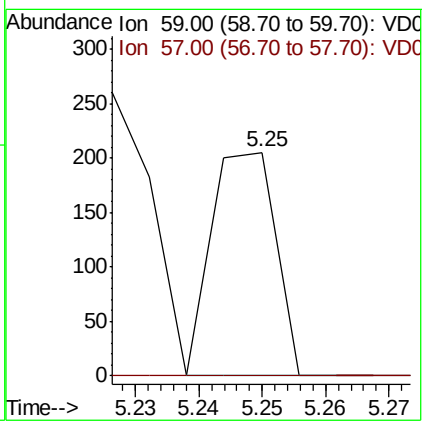


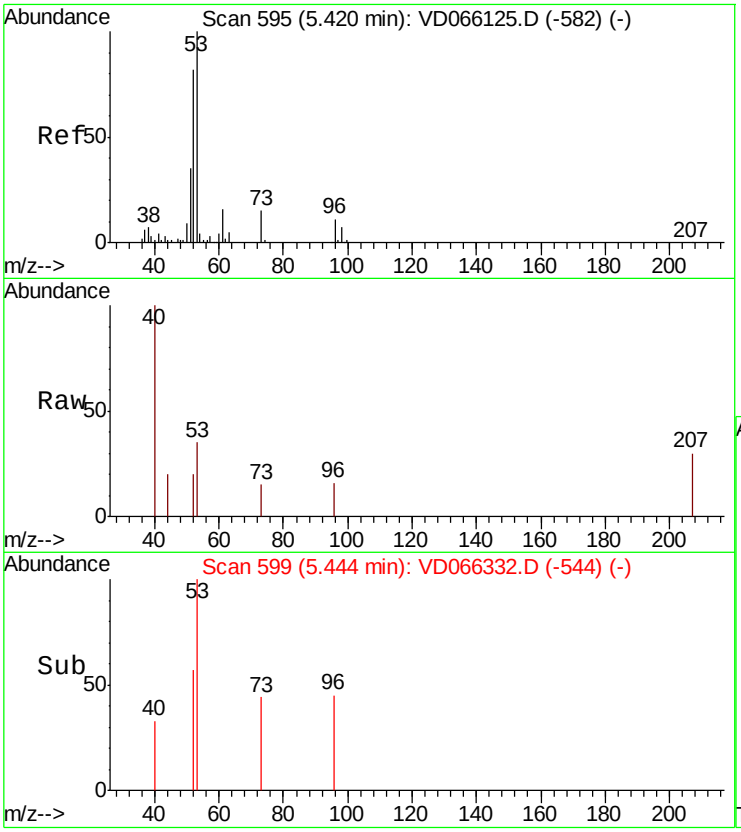


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.25 min Scan# 566
Delta R.T. 0.02 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 59 Resp: 143

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#



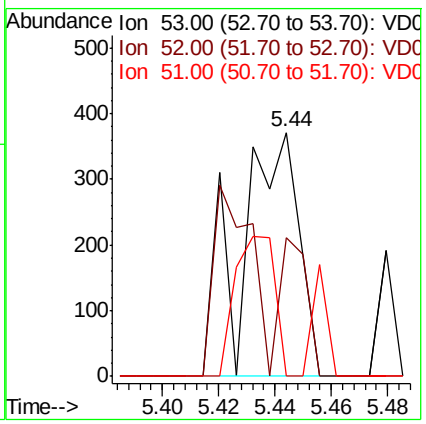


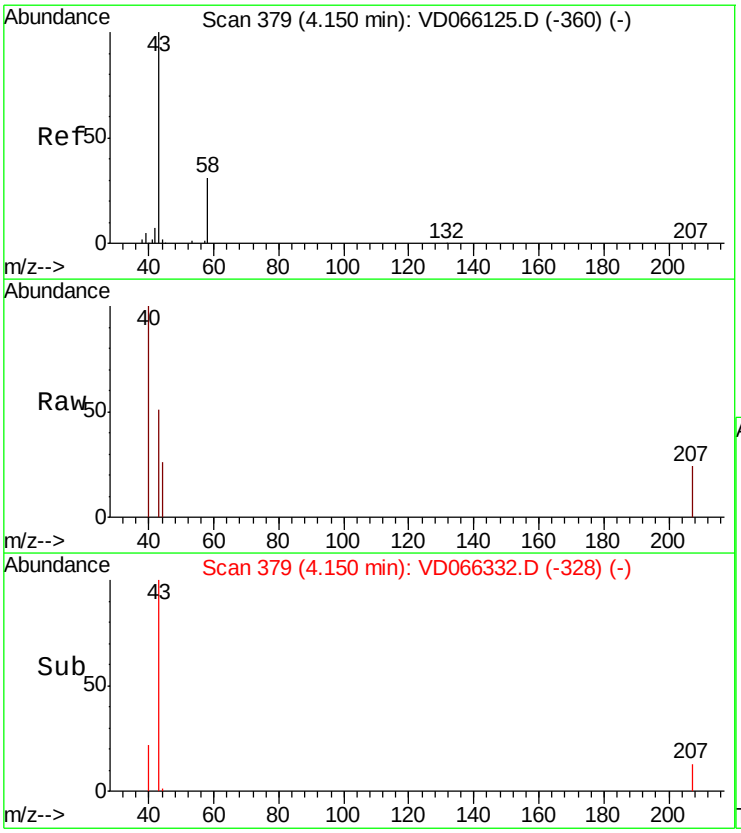
#15
Acrylonitrile
Concen: 1.376 ug/l
RT: 5.44 min Scan# 599
Delta R.T. 0.02 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion: 53 Resp: 529

Ion	Ratio	Lower	Upper
53	100		
52	26.5	66.1	99.1#
51	11.3	30.8	46.2#

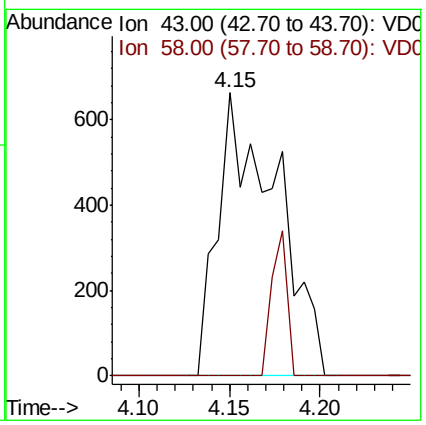


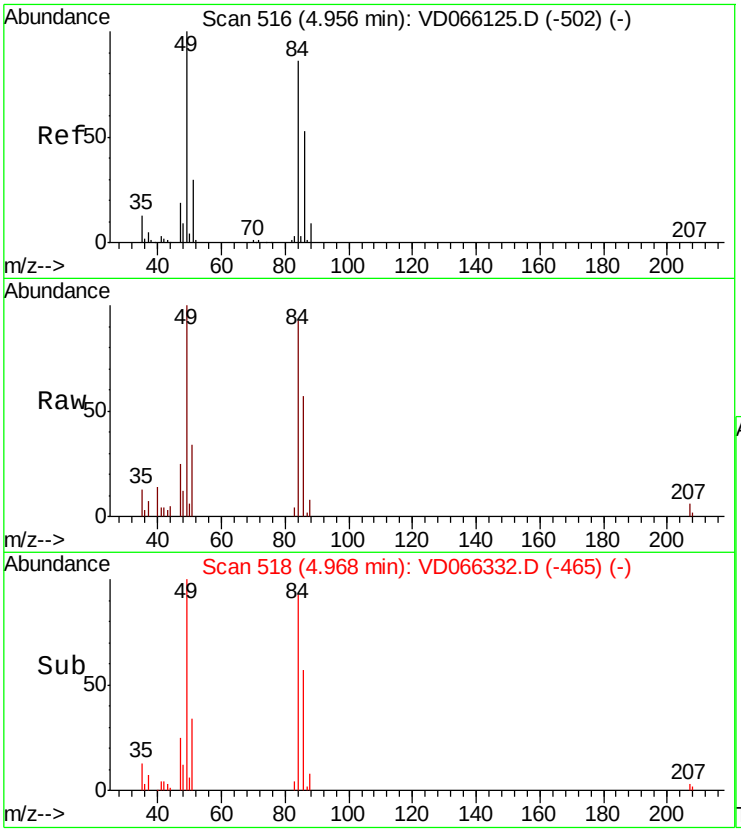


#16
Acetone
Concen: 4.300 ug/l
RT: 4.15 min Scan# 379
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 43 Resp: 1488

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.7	37.1#



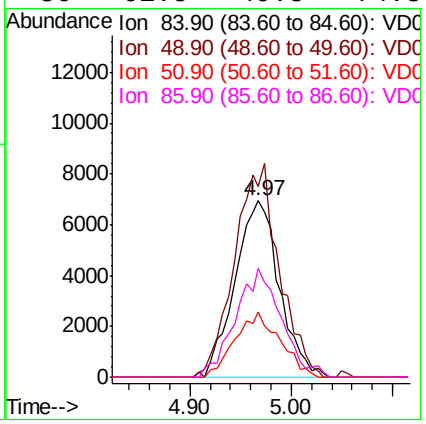


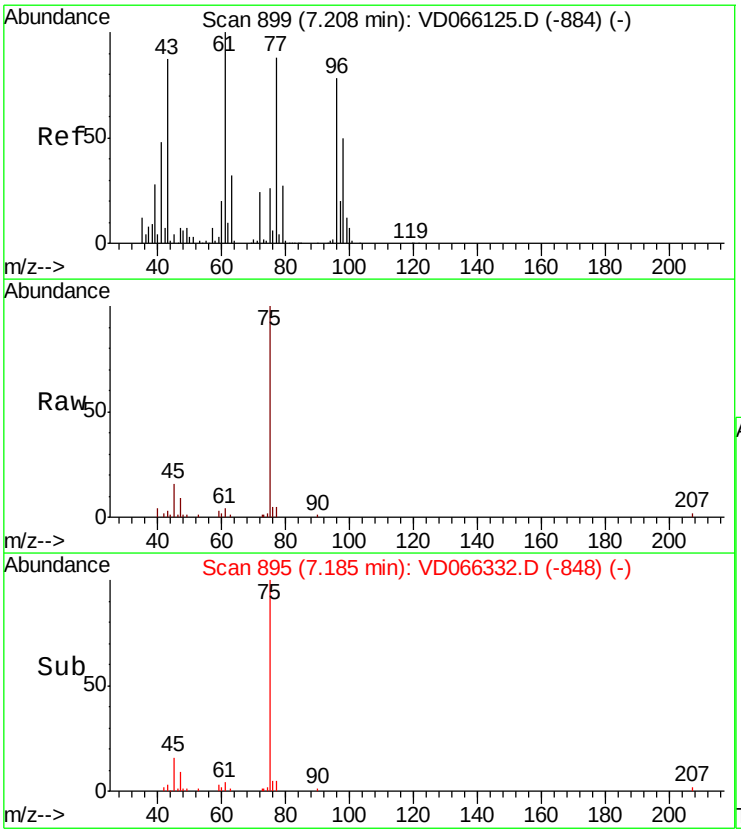
#20
Methylene Chloride
Concen: 6.608 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion: 84 Resp: 21178

Ion	Ratio	Lower	Upper
84	100		
49	108.0	93.5	140.3
51	37.2	28.2	42.4
86	61.5	49.5	74.3

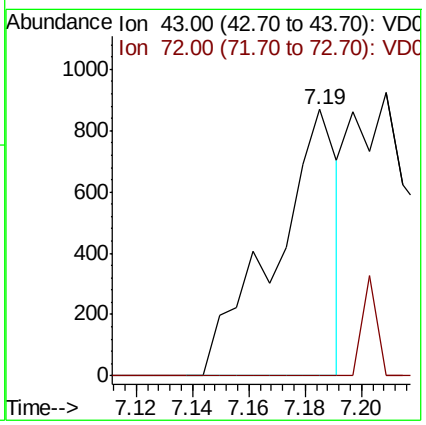


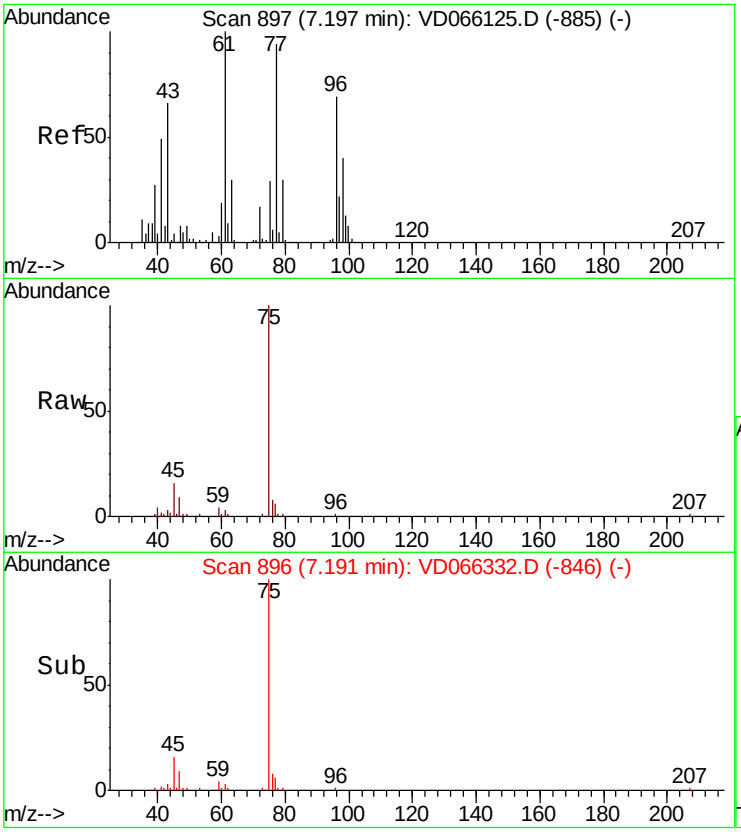


#25
2-Butanone
Concen: 2.640 ug/l
RT: 7.19 min Scan# 895
Delta R.T. -0.02 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 43 Resp: 1344

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.2	33.2#



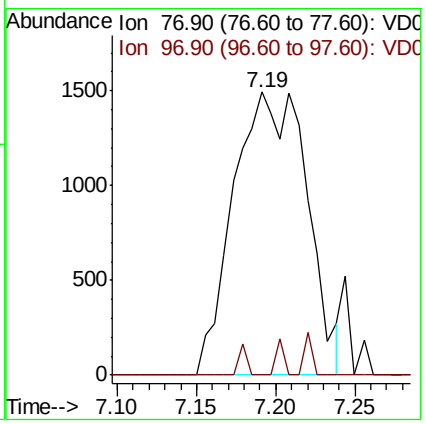


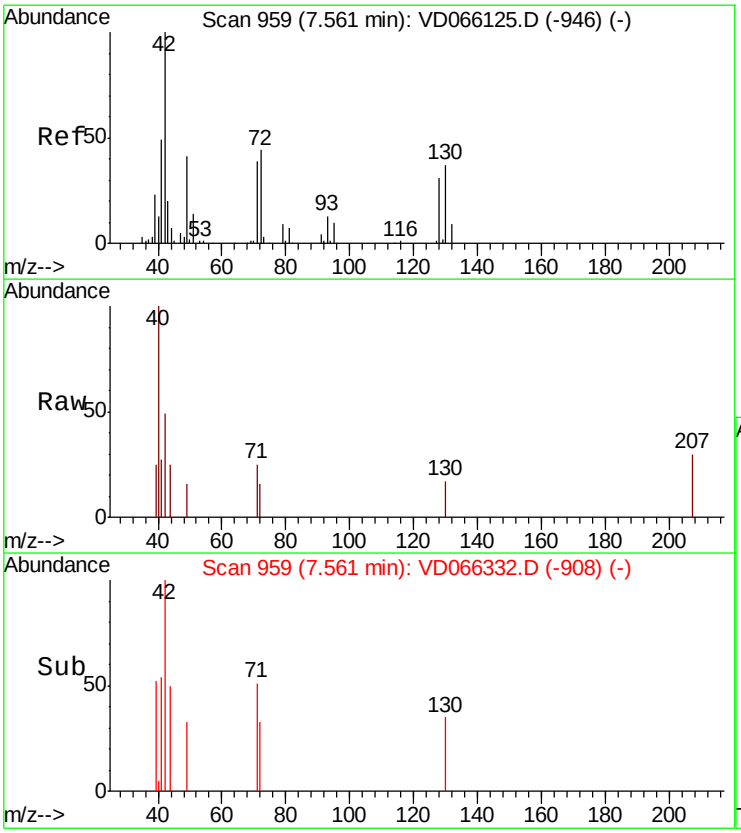
#26
2,2-Dichloropropane
Concen: 1.591 ug/l
RT: 7.19 min Scan# 896
Delta R.T. -0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

Tgt Ion: 77 Resp: 4788

Ion	Ratio	Lower	Upper
77	100		
97	1.4	11.8	35.3#

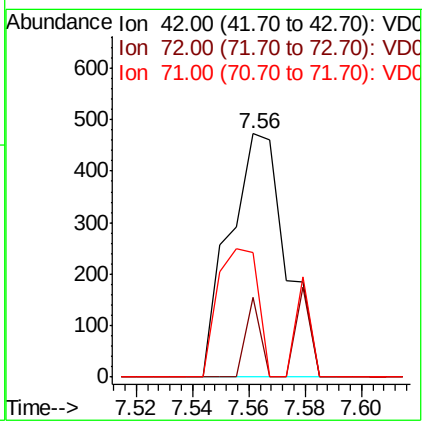


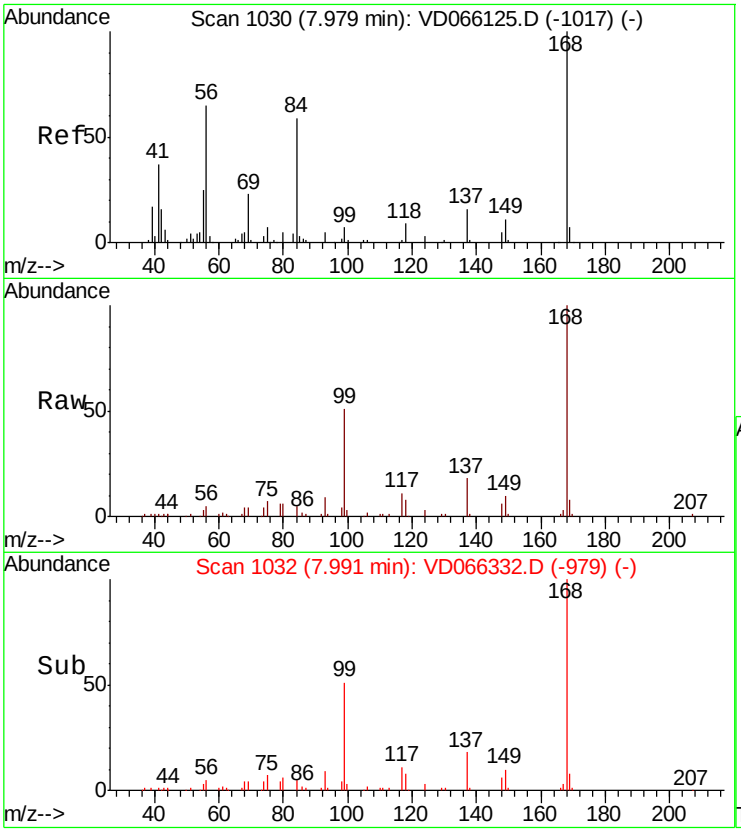


#29
Tetrahydrofuran
Concen: 2.080 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 42 Resp: 656

Ion	Ratio	Lower	Upper
42	100		
72	8.2	34.8	52.2#
71	37.5	33.5	50.3



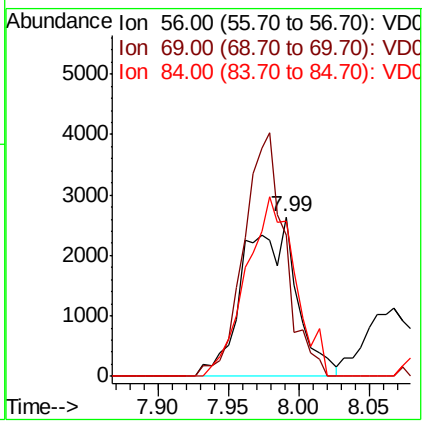


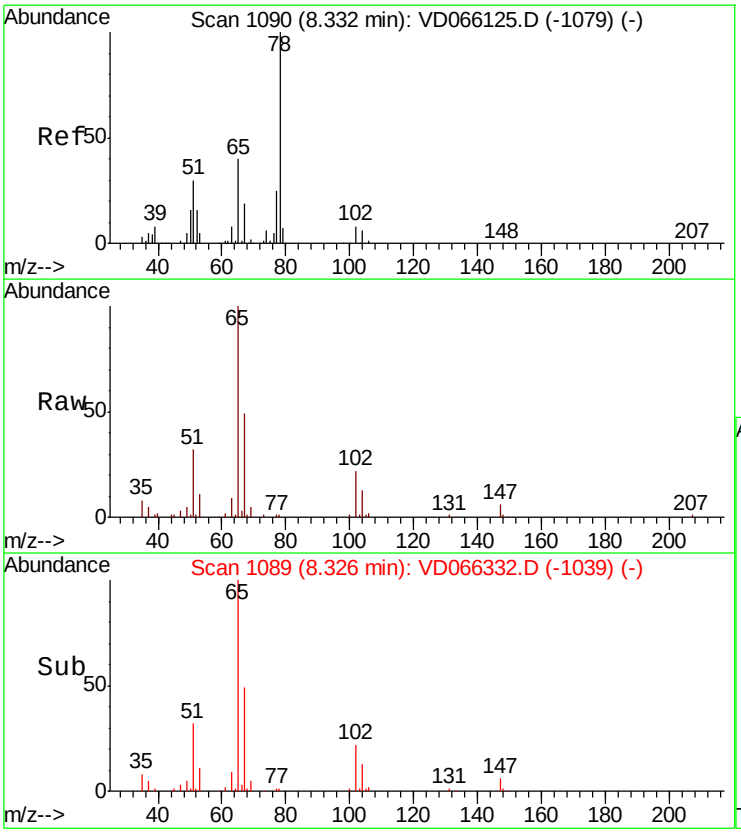
#31
Cyclohexane
Concen: 2.145 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion: 56 Resp: 6855

Ion	Ratio	Lower	Upper
56	100		
69	88.8	28.8	43.2#
84	97.6	73.0	109.6

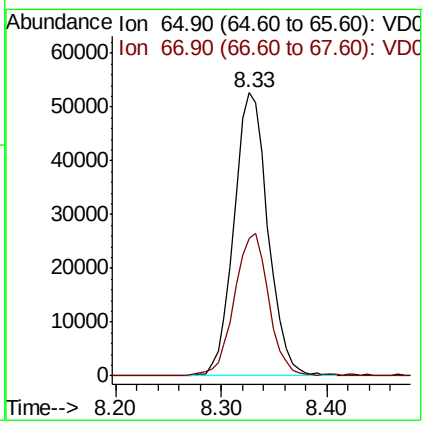


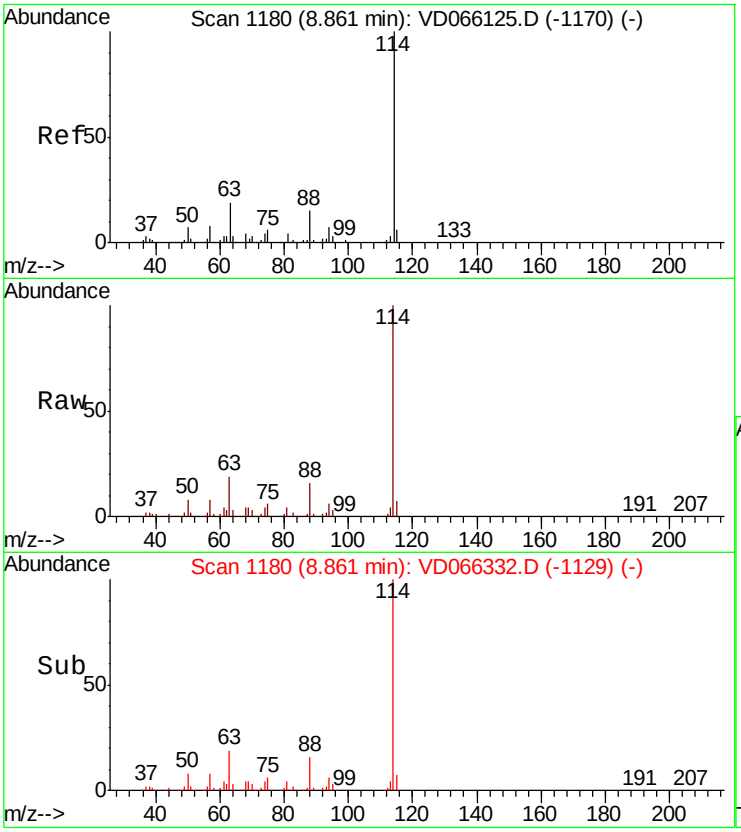


#33
1,2-Dichloroethane-d4
Concen: 64.404 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 65 Resp: 117468

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	104.6



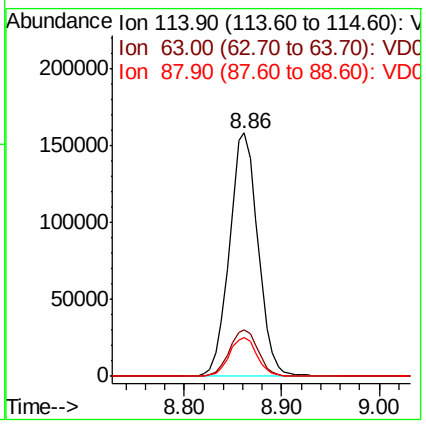


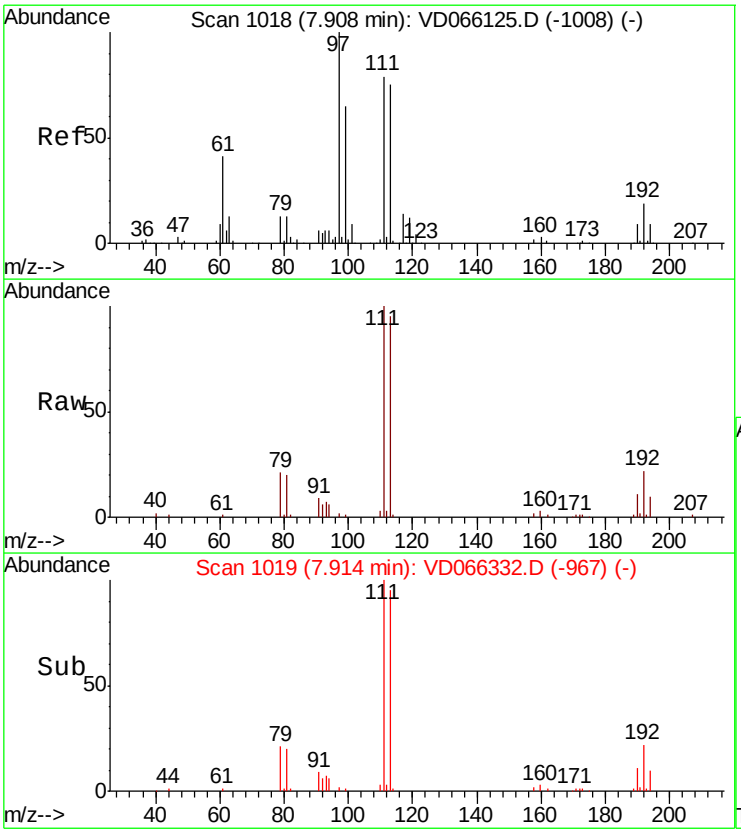
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

Tgt Ion:114 Resp: 321521

Ion	Ratio	Lower	Upper
114	100		
63	19.3	0.0	38.6
88	15.8	0.0	30.0

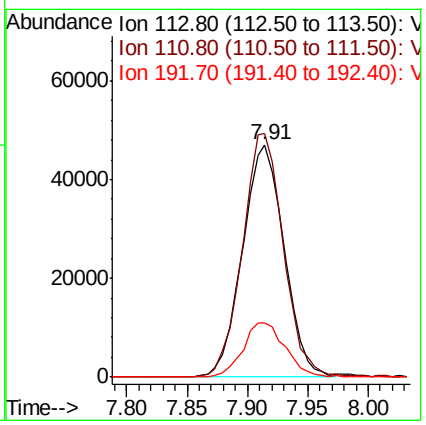


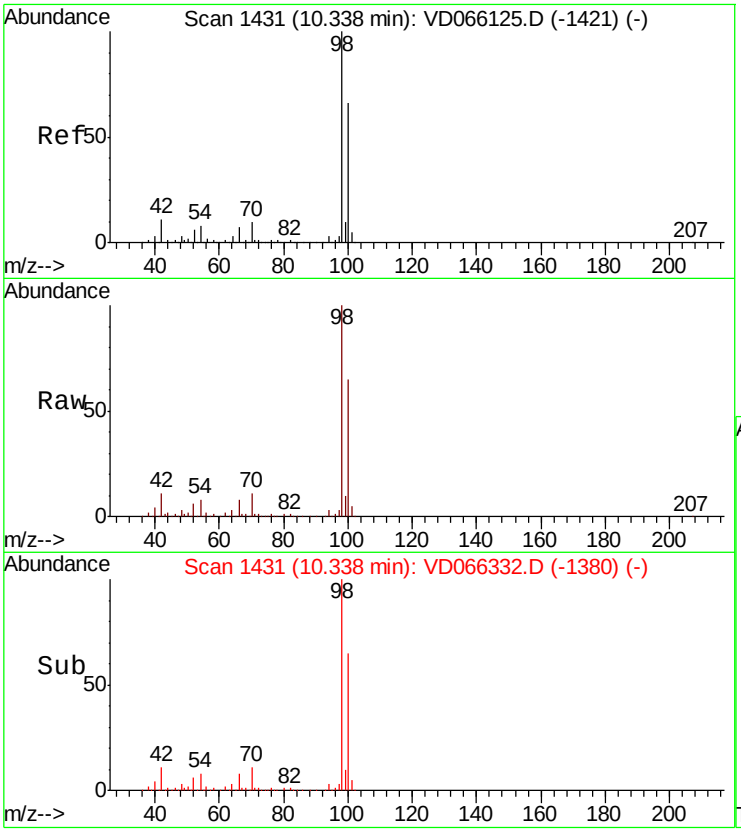


#35
Dibromofluoromethane
Concen: 55.404 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion:113 Resp: 112848

Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	23.7	18.4	27.6



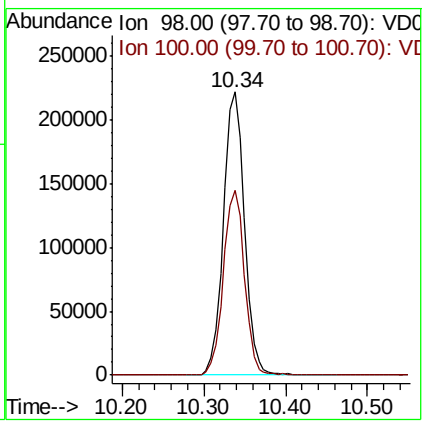


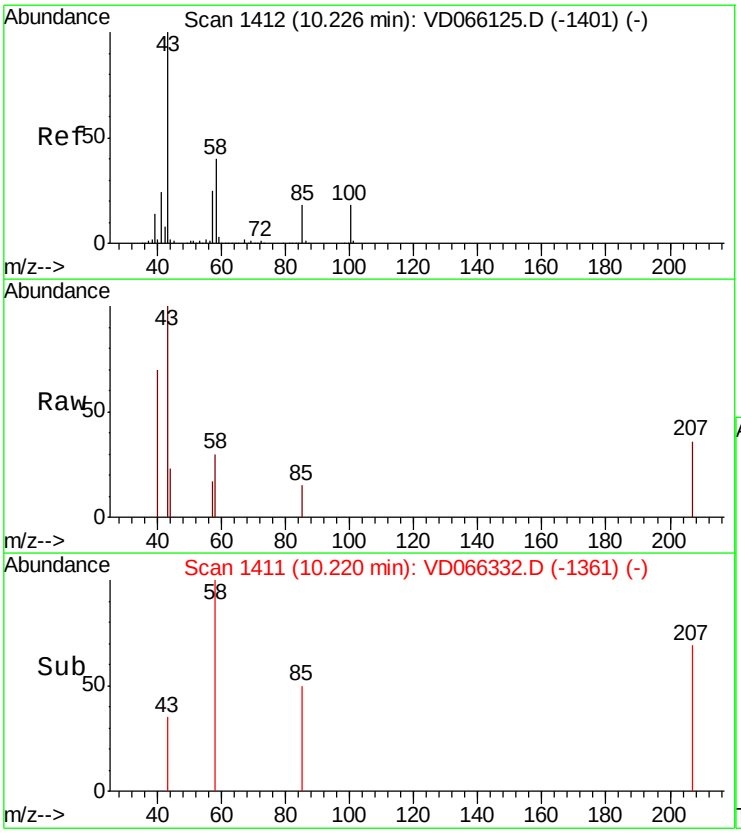
#50
Toluene-d8
Concen: 53.048 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

Tgt Ion: 98 Resp: 398721

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.6	78.8

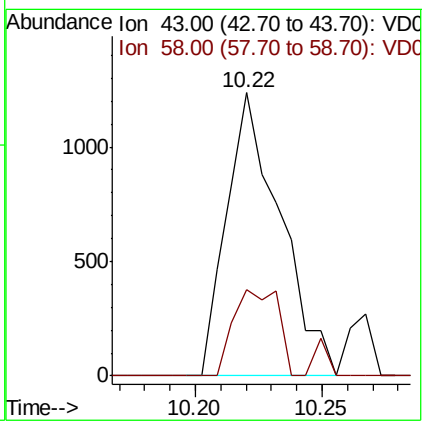


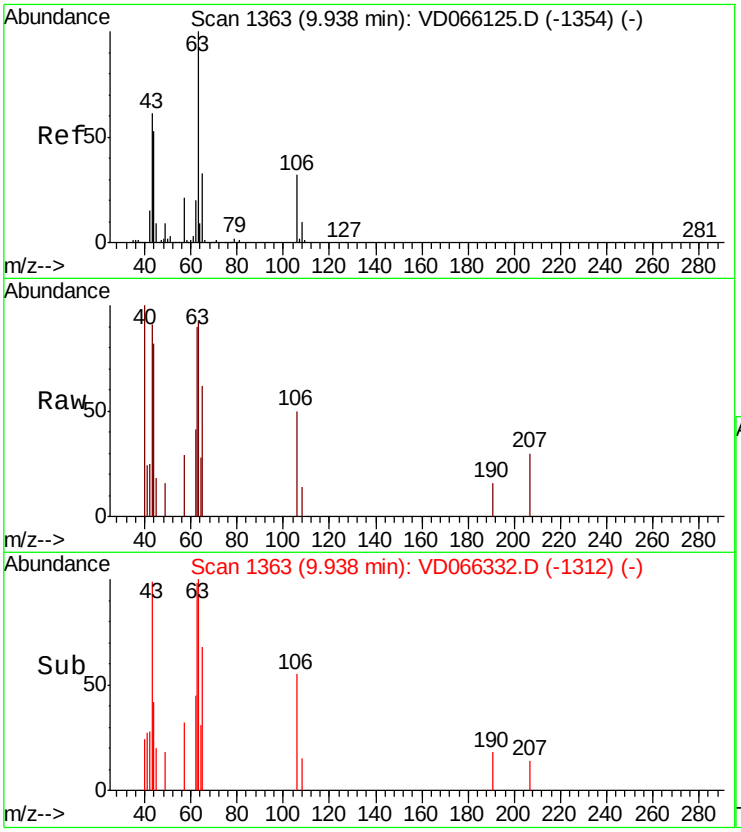


#51
4-Methyl-2-Pentanone
Concen: 1.505 ug/l
RT: 10.22 min Scan# 1411
Delta R.T. -0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 43 Resp: 1823

Ion	Ratio	Lower	Upper
43	100		
58	25.4	31.1	46.7#



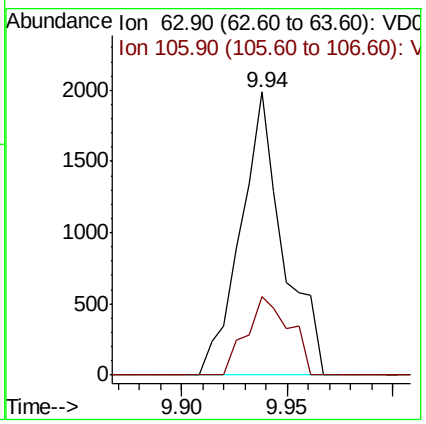


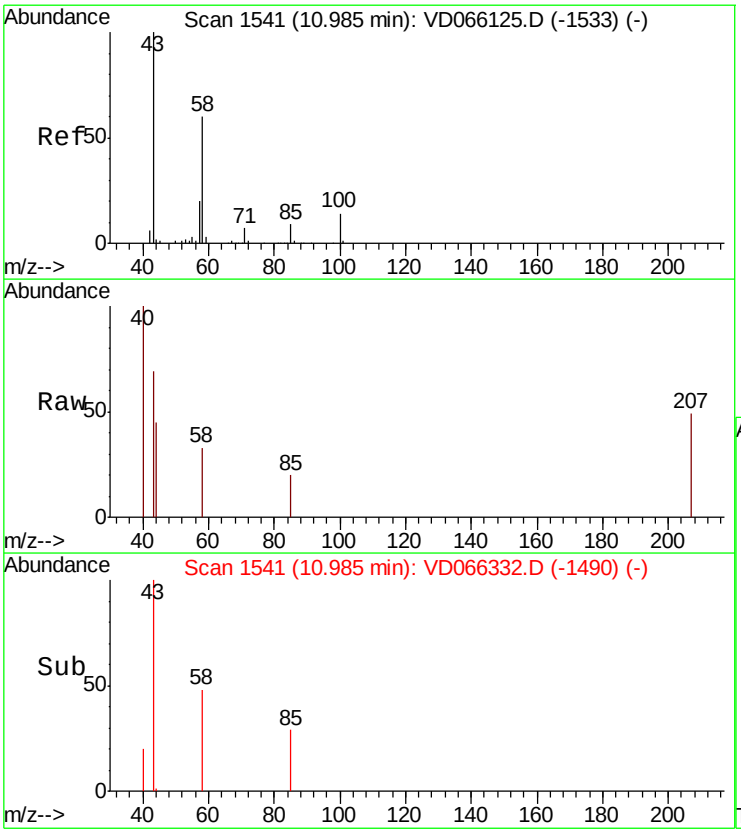
#58
2-Chloroethyl Vinyl ether
Concen: 3.168 ug/l
RT: 9.94 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion: 63 Resp: 2783

Ion	Ratio	Lower	Upper
63	100		
106	28.2	25.3	37.9

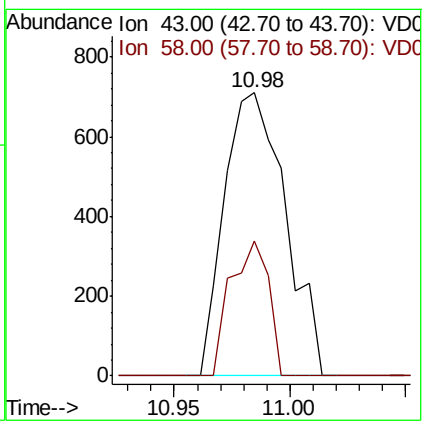


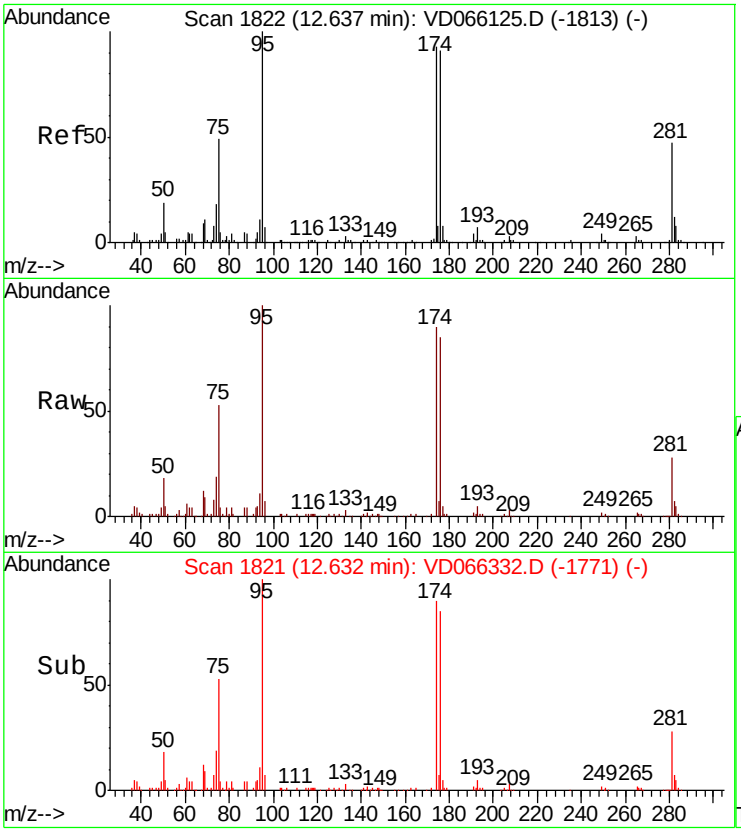


#59
2-Hexanone
Concen: 1.537 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 43 Resp: 1307

Ion	Ratio	Lower	Upper
43	100		
58	29.6	27.8	83.4



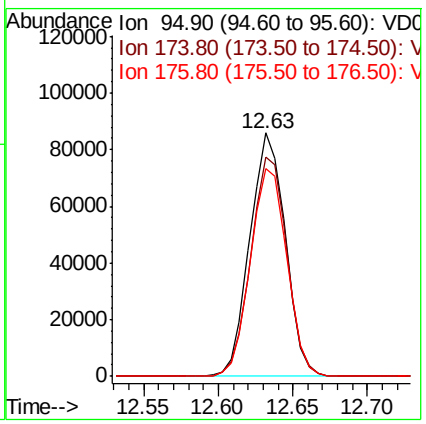


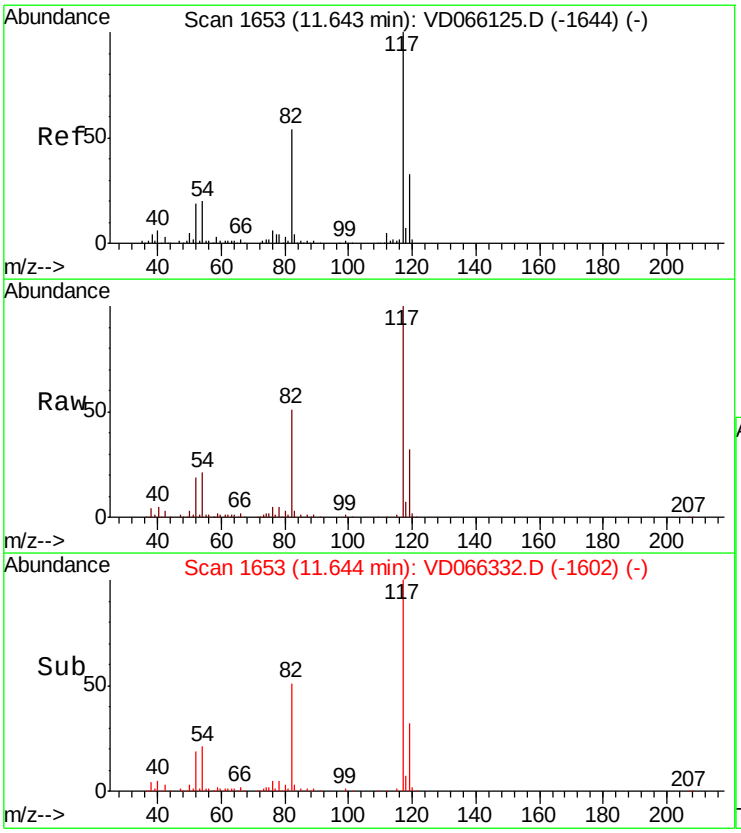
#62
4-Bromofluorobenzene
Concen: 51.922 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument : MSVOA_D
ClientSampleId : VD0819SBL02

Tgt Ion: 95 Resp: 140675

Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	180.8
176	87.8	0.0	181.2

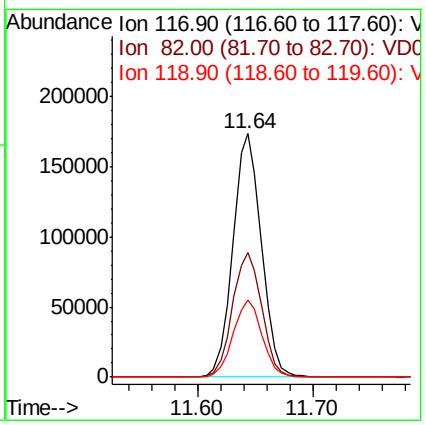


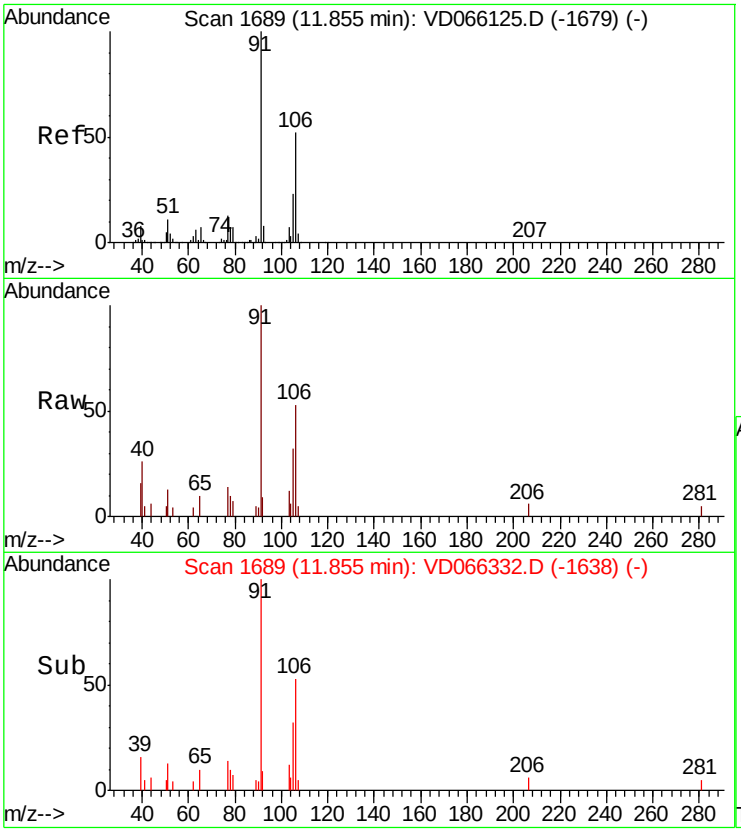


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion:117 Resp: 295098

Ion	Ratio	Lower	Upper
117	100		
82	51.1	43.0	64.4
119	31.6	26.1	39.1



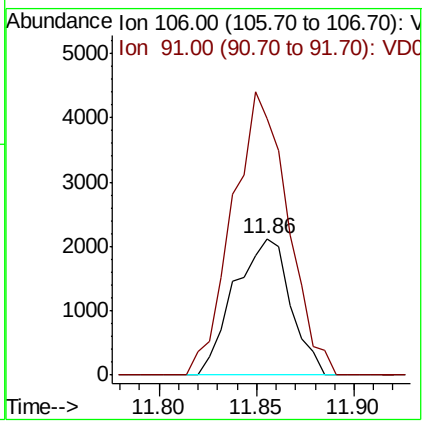


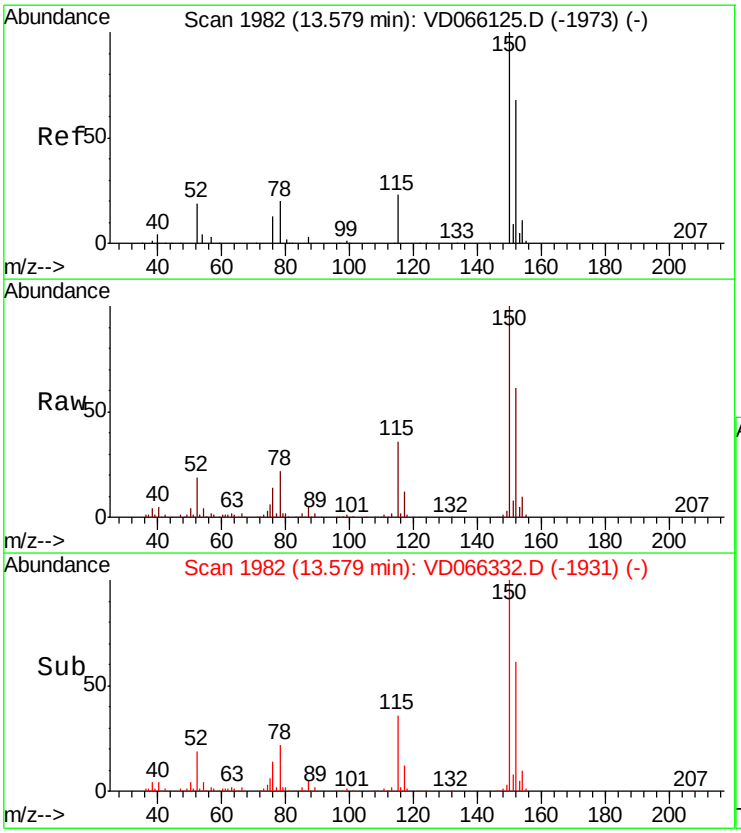
#68
m/p-Xylenes
Concen: 1.046 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

Tgt Ion:106 Resp: 4208

Ion	Ratio	Lower	Upper
106	100		
91	206.4	156.6	235.0

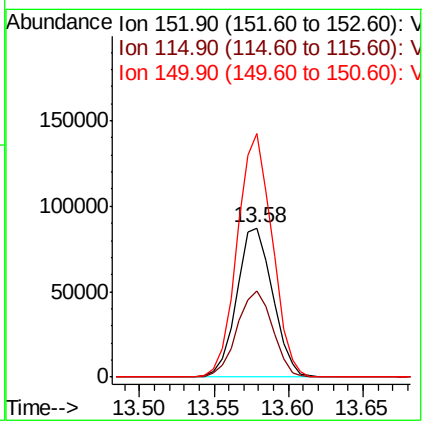


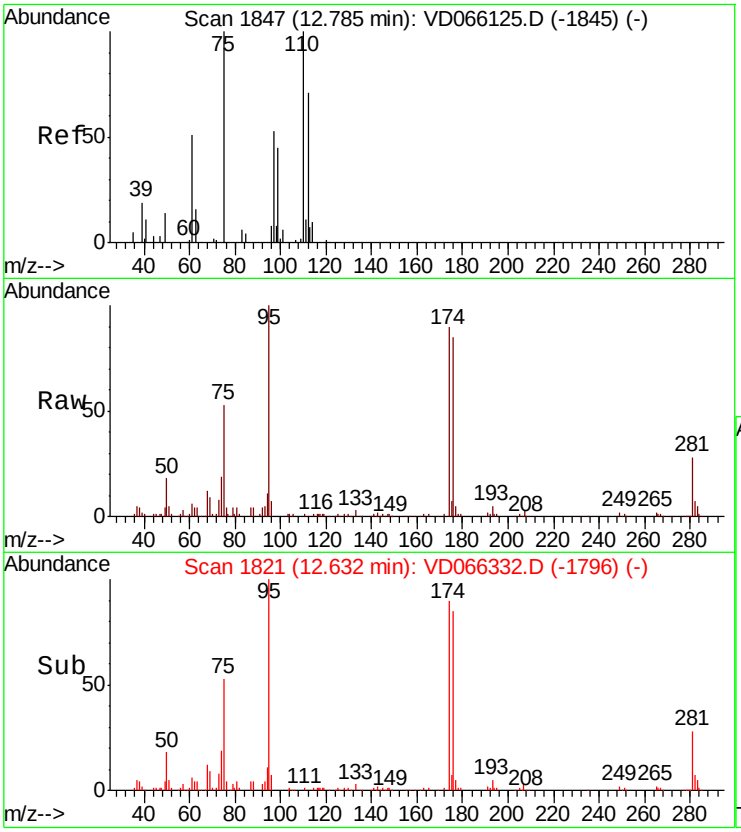


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion:152 Resp: 145368

Ion	Ratio	Lower	Upper
152	100		
115	57.4	28.0	83.9
150	158.6	0.0	346.4



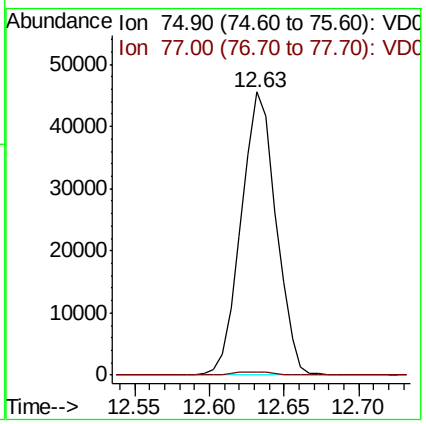


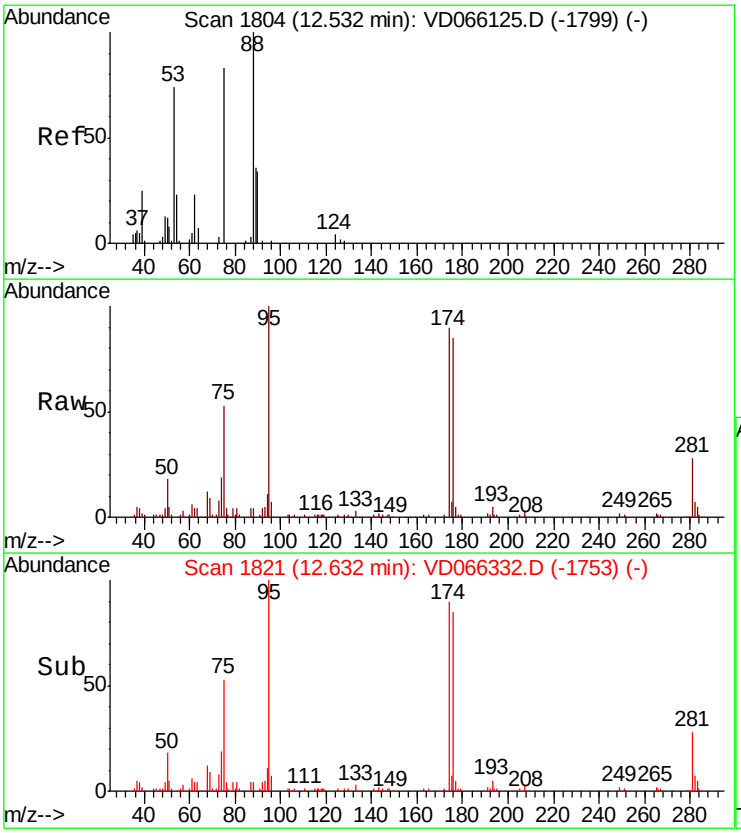
#76
1,2,3-Trichloropropane
Concen: 60.851 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Instrument :
MSVOA_D
ClientSampleId :
VD0819SBL02

Tgt Ion: 75 Resp: 73768

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 134.515 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066332.D
Acq: 19 Aug 2020 23:10

Tgt Ion: 75 Resp: 73768

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.2#
89	0.2	36.6	55.0#