Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081920\
Data File : VD066341.D
Acq On : 20 Aug 2020 03:40
Operator : VA/SY
Sample : L3689-10RE
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Time: Aug 20 07:23:45 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	178408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	277410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	235250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	104240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	91946	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.54%			
35) Dibromofluoromethane	7.91	113	88940	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 101.22%			
50) Toluene-d8	10.34	98	304079	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.78%			
62) 4-Bromofluorobenzene	12.63	95	99432	42.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 85.08%			
Target Compounds						Qvalue
8) Diethyl Ether	3.71	74	1657	2.081	ug/l	96
10) Methyl Iodide	4.30	142	64	6.748	ug/l #	39
11) Tert butyl alcohol	5.24	59	59	Below Cal	#	76
16) Acetone	4.17	43	478	1.583	ug/l #	44
20) Methylene Chloride	4.97	84	32637	15.609	ug/l	92
31) Cyclohexane	7.98	56	4004	1.436	ug/l #	15
36) 1,1-Dichloropropene	7.98	75	13146	5.043	ug/l #	49
38) Carbon Tetrachloride	7.98	117	17480	6.013	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.94	63	777	1.025	ug/l #	43
59) 2-Hexanone	10.94	43	795	1.084	ug/l #	24
74) N-amyl acetate	12.26	43	2189	1.429	ug/l #	56
76) 1,2,3-Trichloropropane	12.63	75	51818	59.610	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	51818	131.771	ug/l #	13

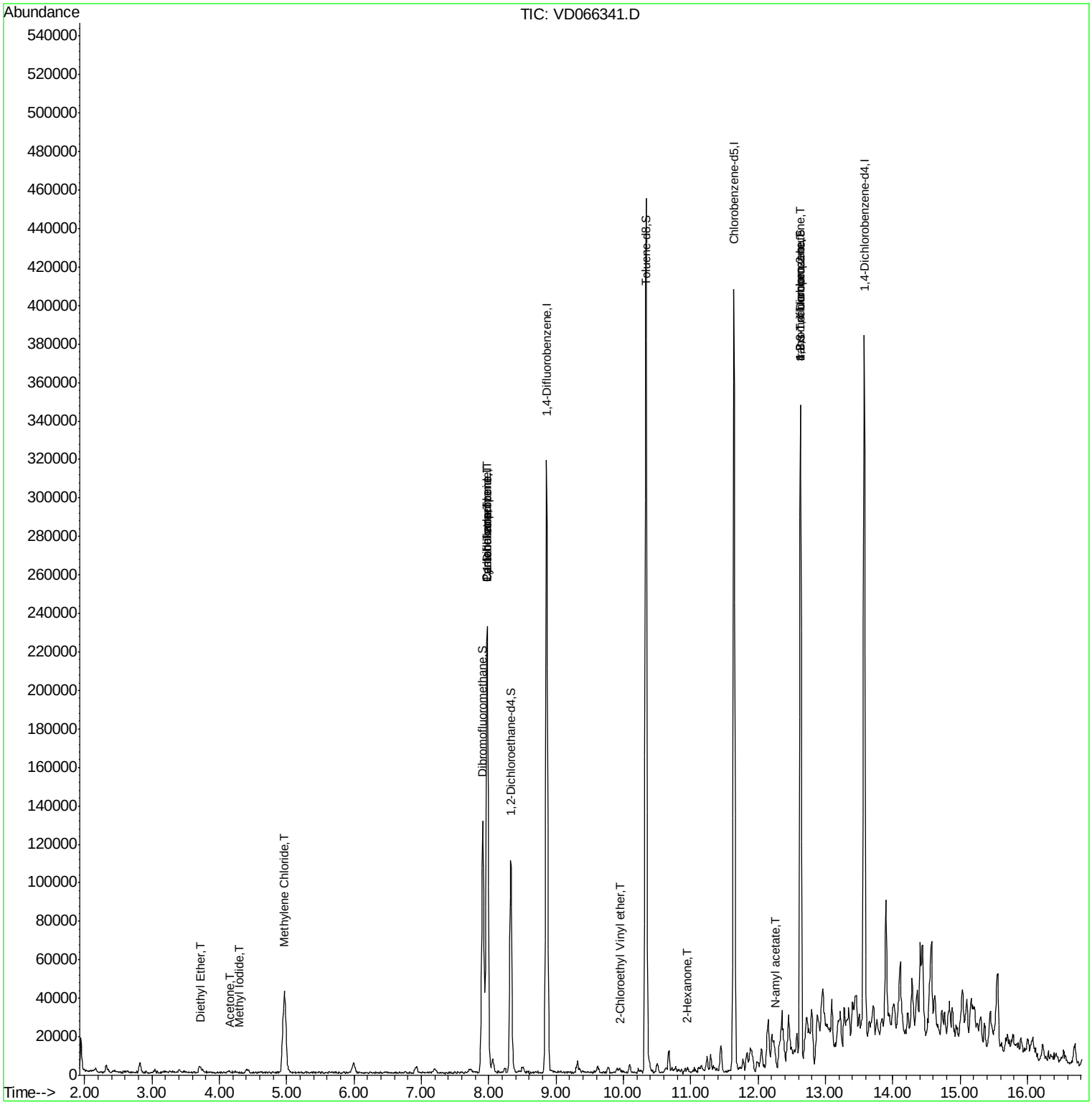
(#) = qualifier out of range (m) = manual integration (+) = signals summed

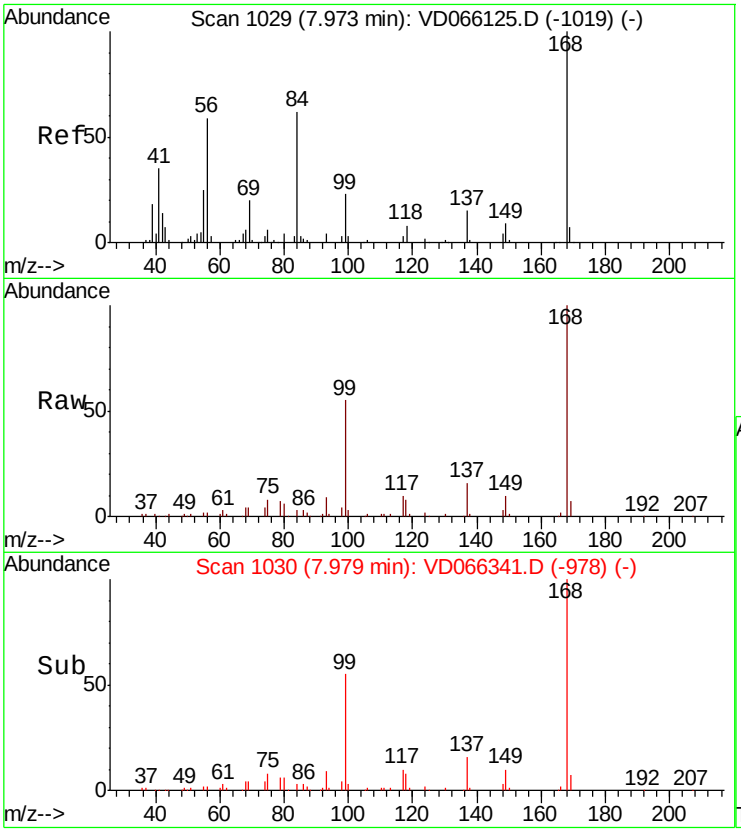
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081920\
Data File : VD066341.D
Acq On : 20 Aug 2020 03:40
Operator : VA/SY
Sample : L3689-10RE
Misc : 6.48G/5.00ml/MSVOA_D/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : TP-3

Quant Time: Aug 20 07:23:45 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



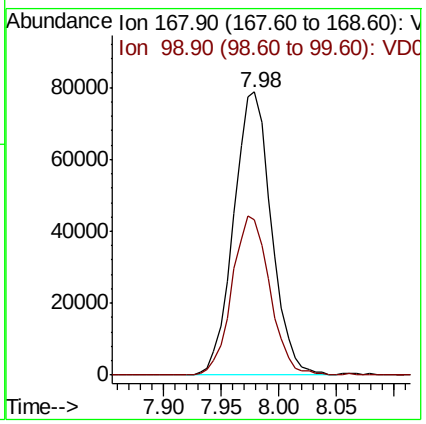


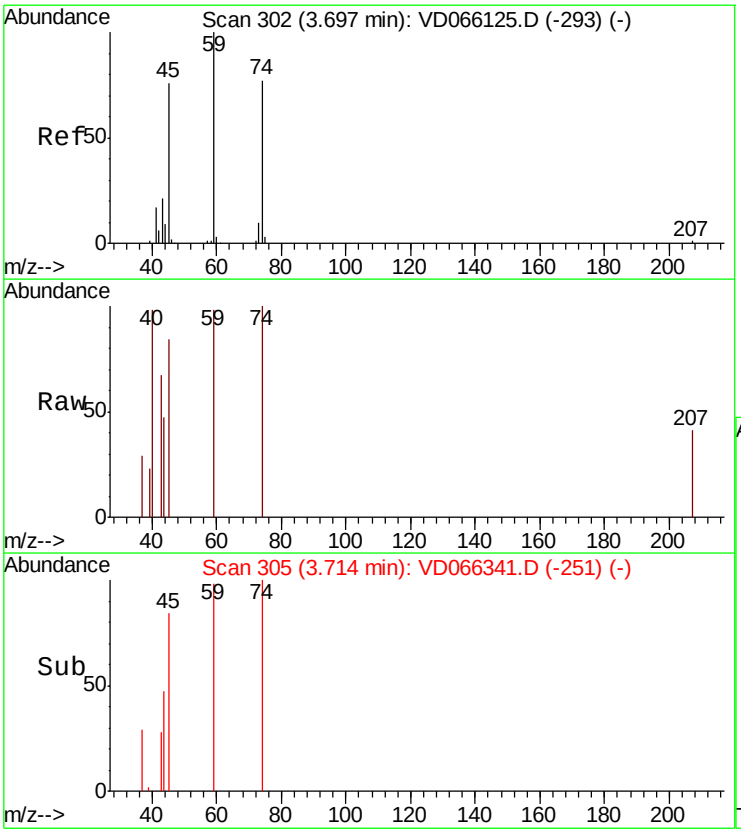
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:168 Resp: 178408

Ion	Ratio	Lower	Upper
168	100		
99	54.7	42.2	63.4

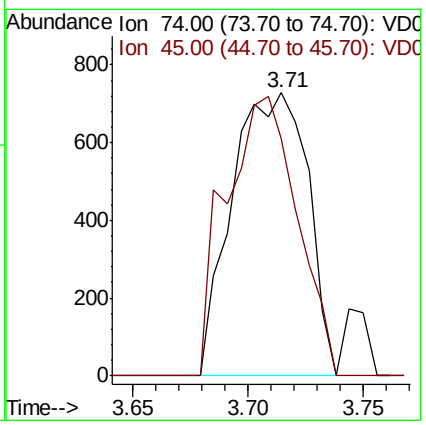


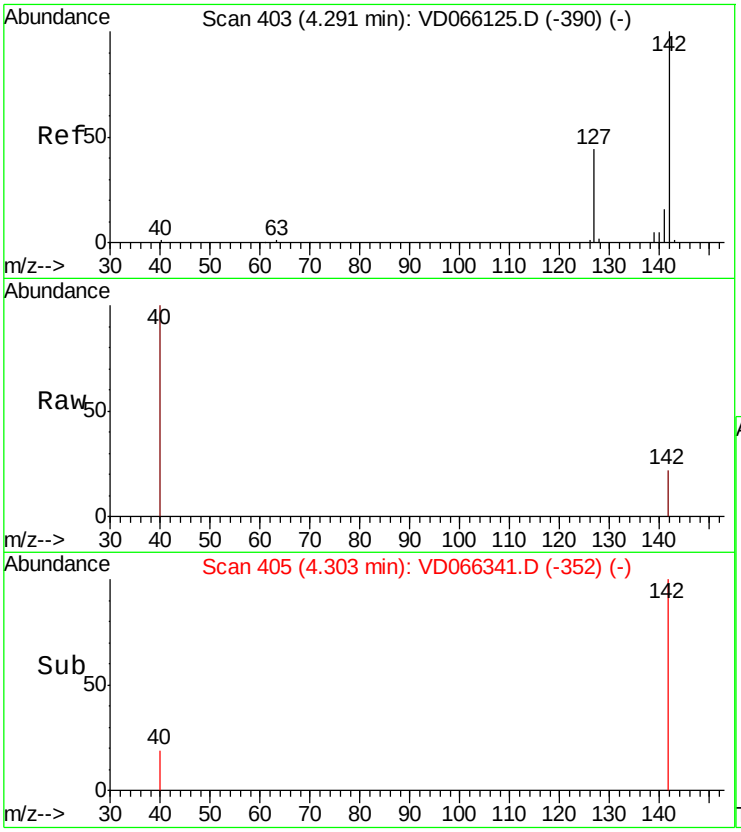


#8
Diethyl Ether
Concen: 2.081 ug/l
RT: 3.71 min Scan# 305
Delta R.T. 0.02 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 74 Resp: 1657

Ion	Ratio	Lower	Upper
74	100		
45	93.2	48.4	145.2



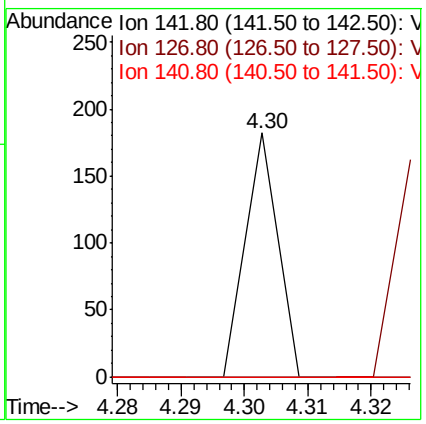


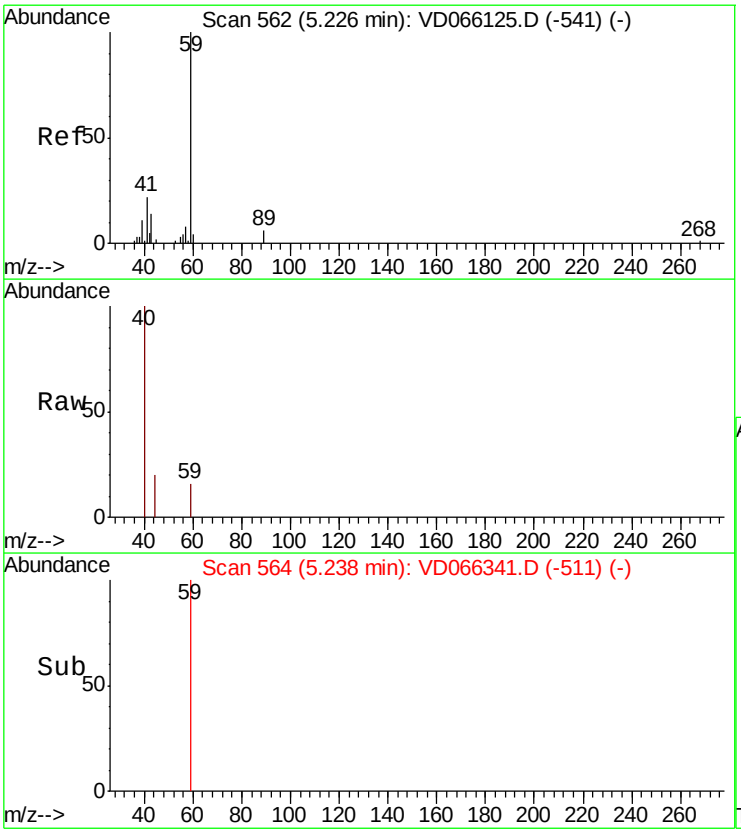
#10
Methyl Iodide
Concen: 6.748 ug/l
RT: 4.30 min Scan# 405
Delta R.T. 0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:142 Resp: 64

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

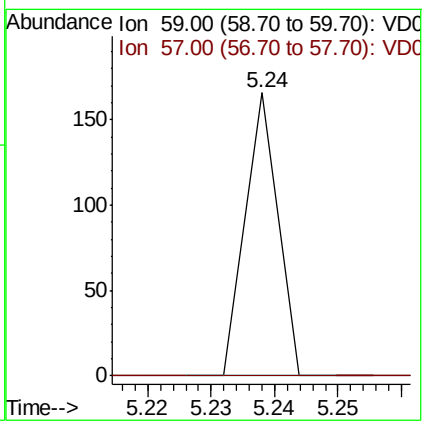


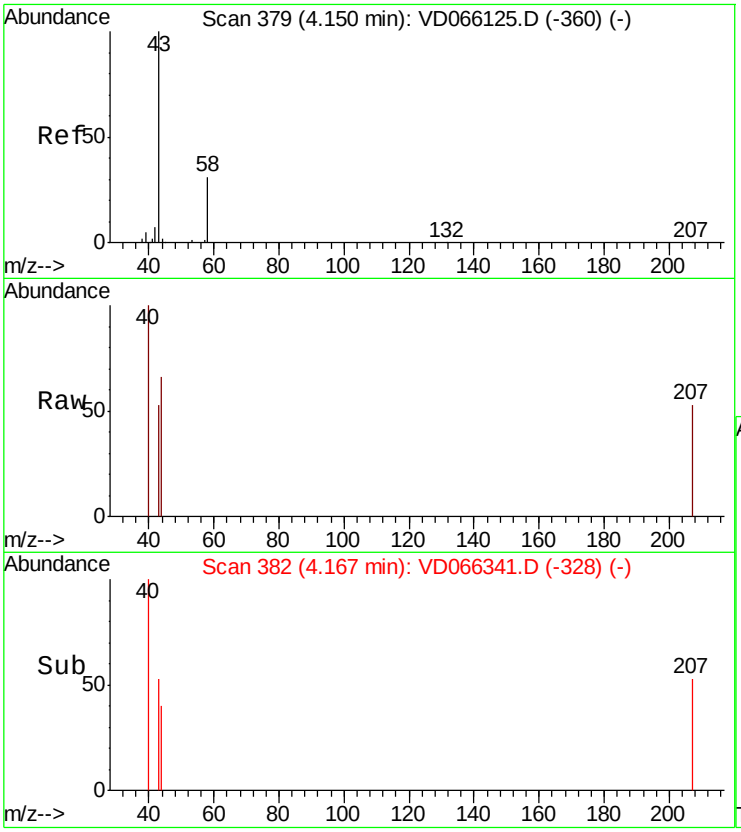


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 564
Delta R.T. 0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 59 Resp: 59

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.0	10.4#



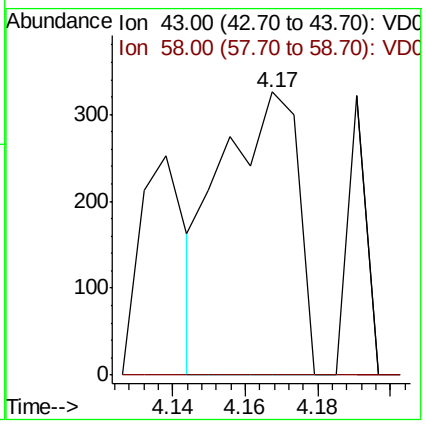


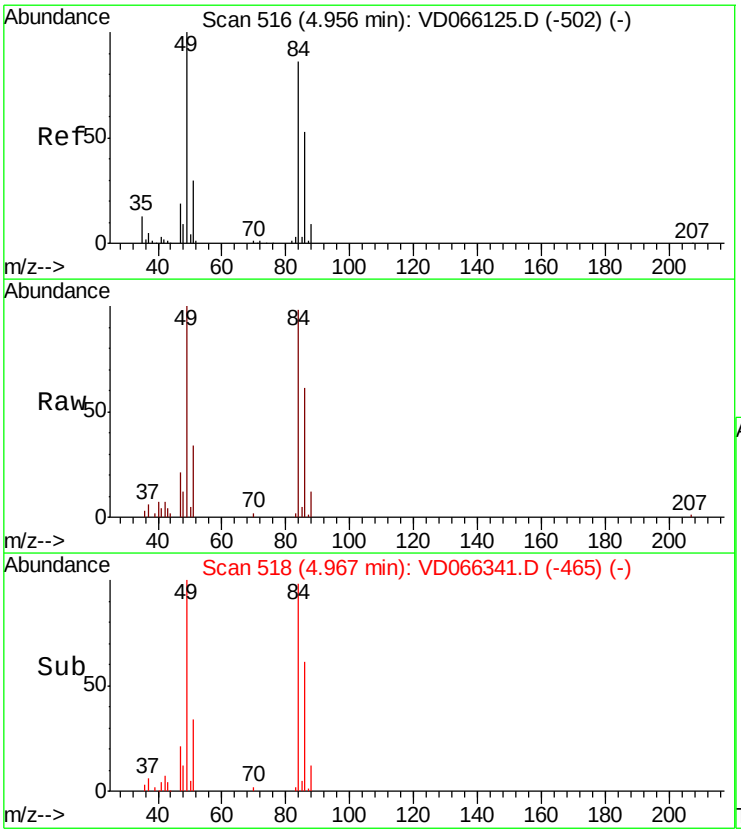
#16
Acetone
Concen: 1.583 ug/l
RT: 4.17 min Scan# 382
Delta R.T. 0.02 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 43 Resp: 478

Ion	Ratio	Lower	Upper
43	100		
58	0.0	24.7	37.1#

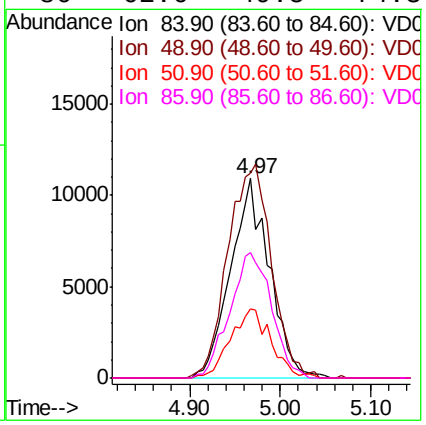


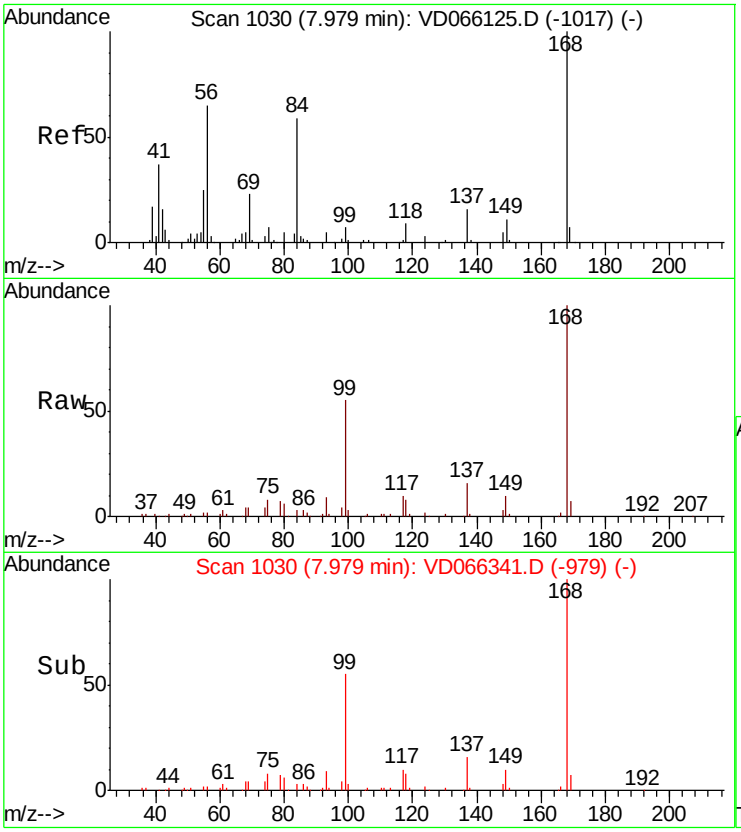


#20
Methylene Chloride
Concen: 15.609 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 84 Resp: 32637

Ion	Ratio	Lower	Upper
84	100		
49	102.5	93.5	140.3
51	34.6	28.2	42.4
86	62.6	49.5	74.3



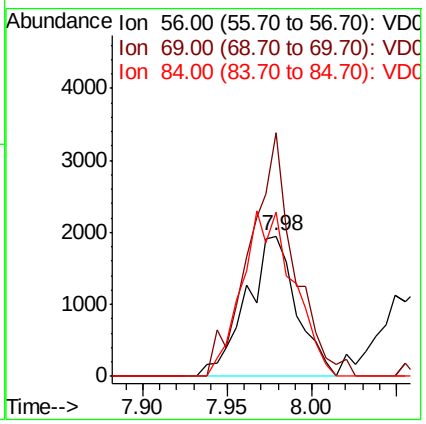


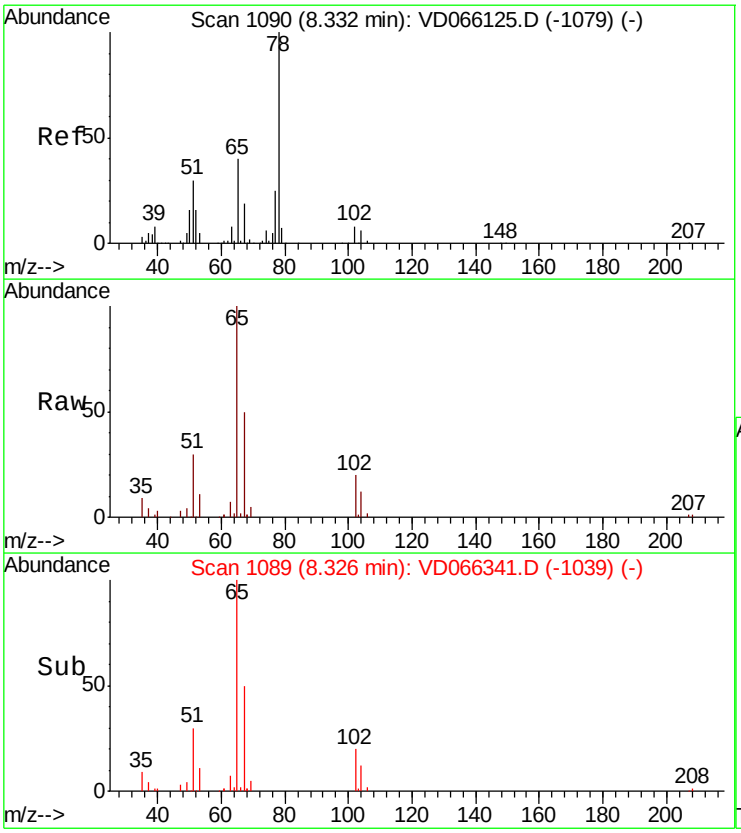
#31
Cyclohexane
Concen: 1.436 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 56 Resp: 4004

Ion	Ratio	Lower	Upper
56	100		
69	173.4	28.8	43.2#
84	116.9	73.0	109.6#

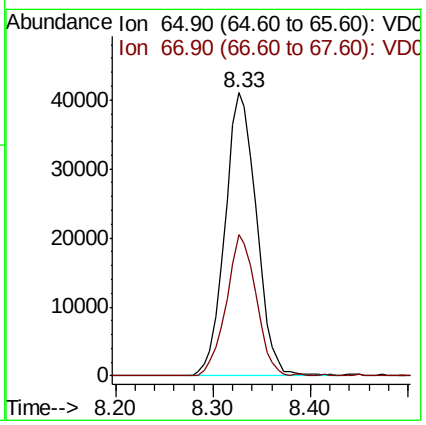


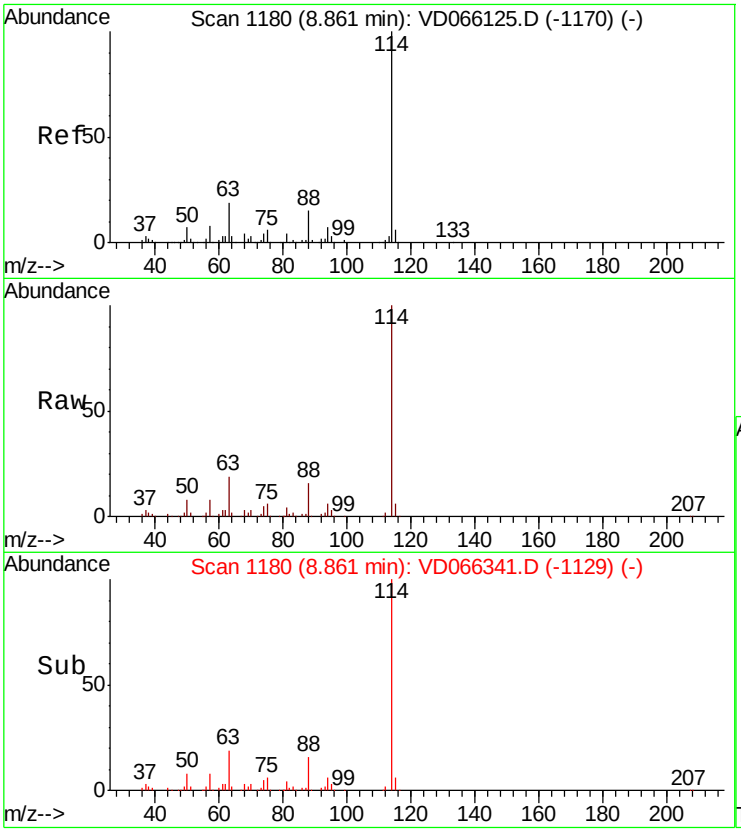


#33
1,2-Dichloroethane-d4
Concen: 57.767 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 65 Resp: 91946

Ion	Ratio	Lower	Upper
65	100		
67	47.0	0.0	104.6



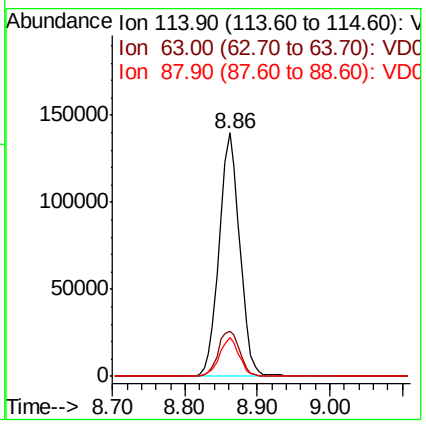


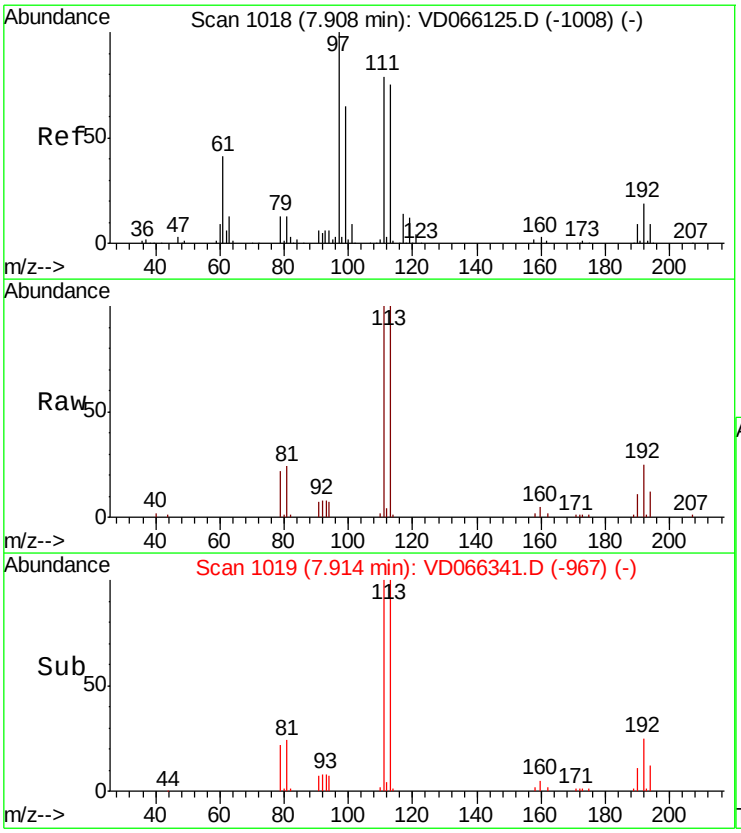
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion:114 Resp: 277410

Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	38.6
88	16.0	0.0	30.0

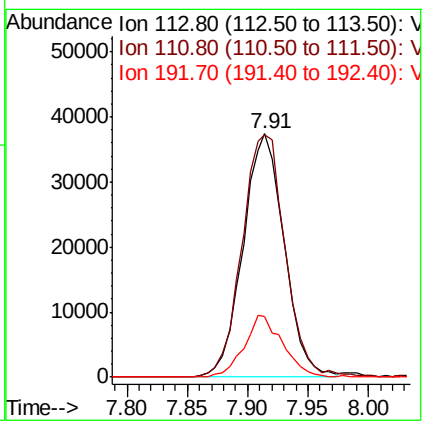


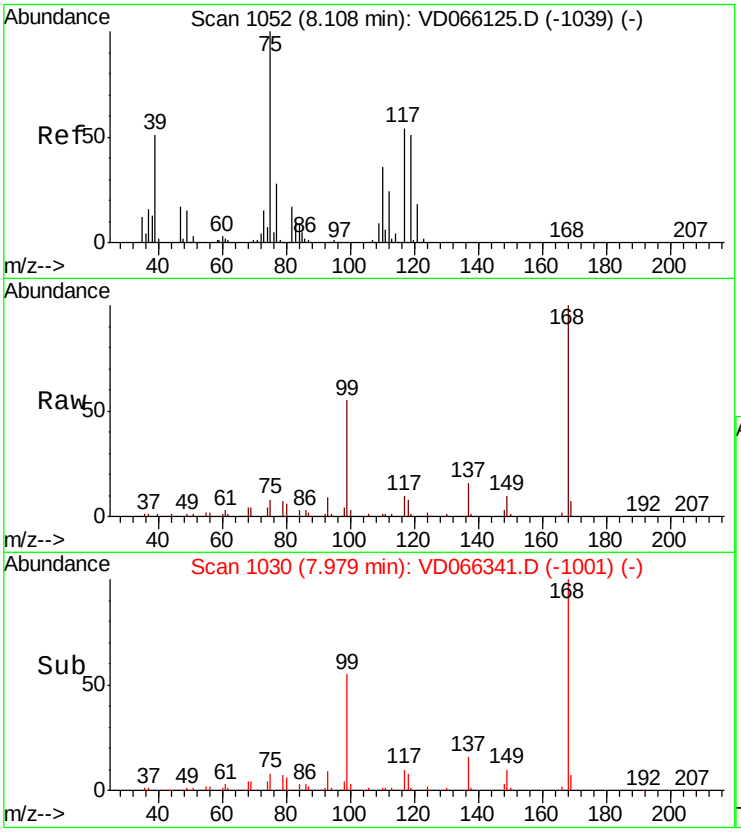


#35
Dibromofluoromethane
Concen: 50.610 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion:113 Resp: 88940

Ion	Ratio	Lower	Upper
113	100		
111	104.7	80.7	121.1
192	23.5	18.4	27.6



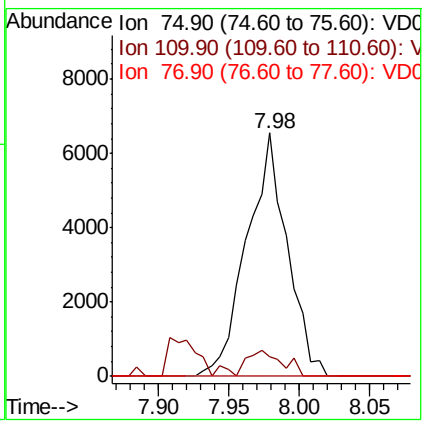


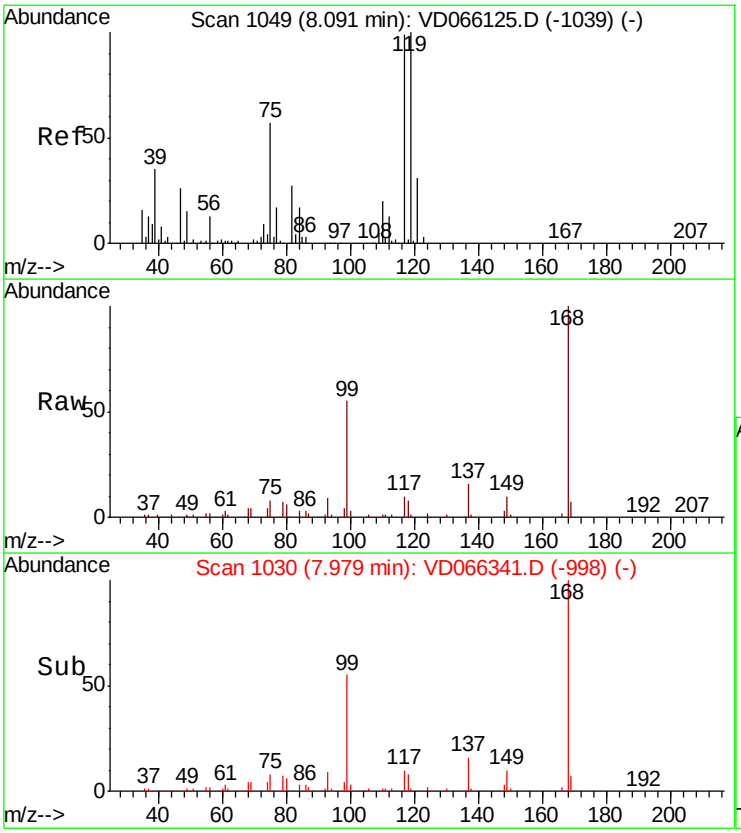
#36
1,1-Dichloropropene
Concen: 5.043 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.13 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 13146

Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.8	56.3#
77	0.0	24.2	36.2#

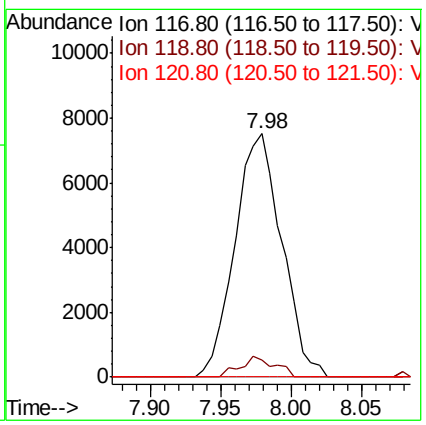


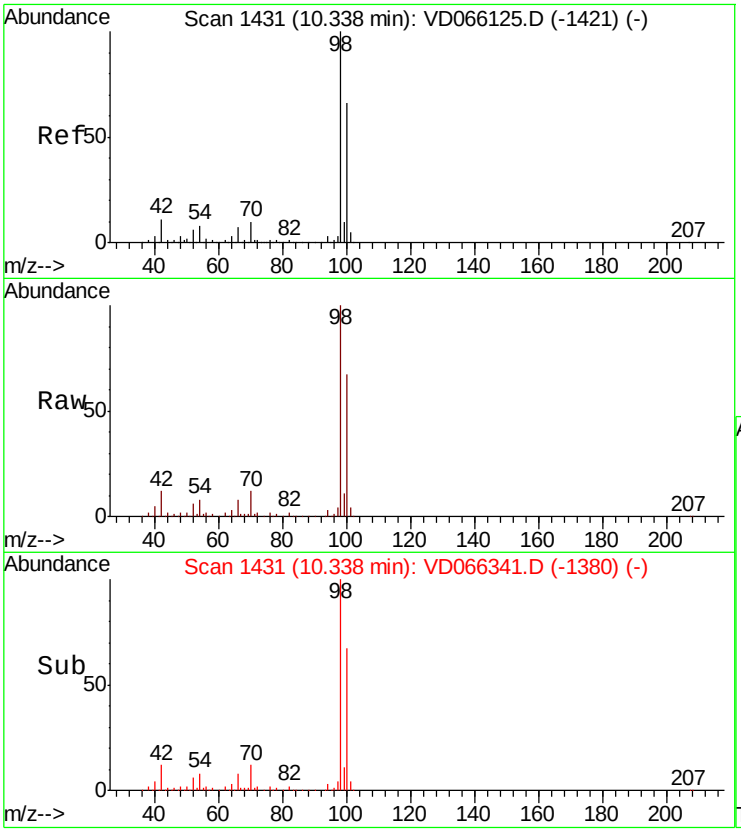


#38
Carbon Tetrachloride
Concen: 6.013 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion:117 Resp: 17480

Ion	Ratio	Lower	Upper
117	100		
119	7.2	81.0	121.4#
121	0.0	24.8	37.2#



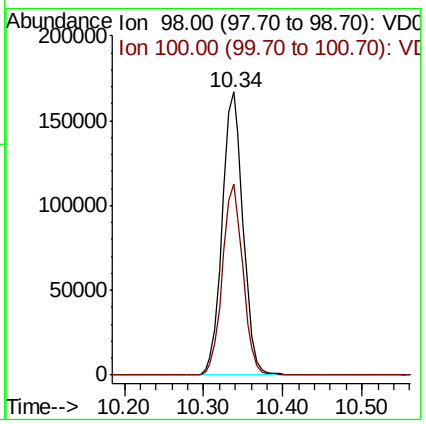


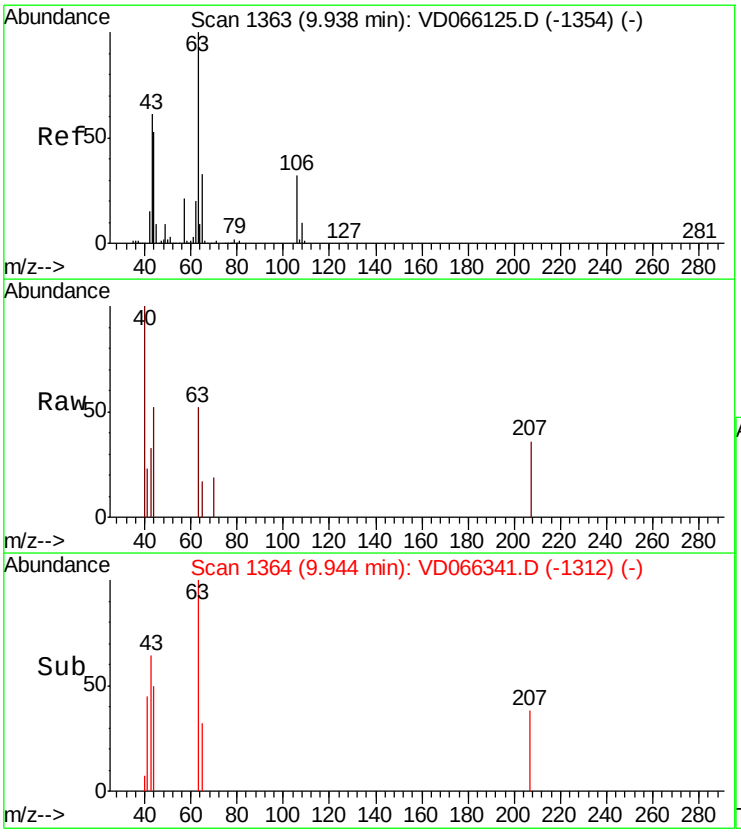
#50
Toluene-d8
Concen: 46.889 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 98 Resp: 304079

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.6	78.8

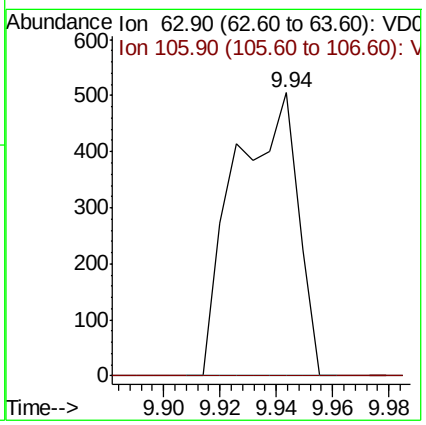


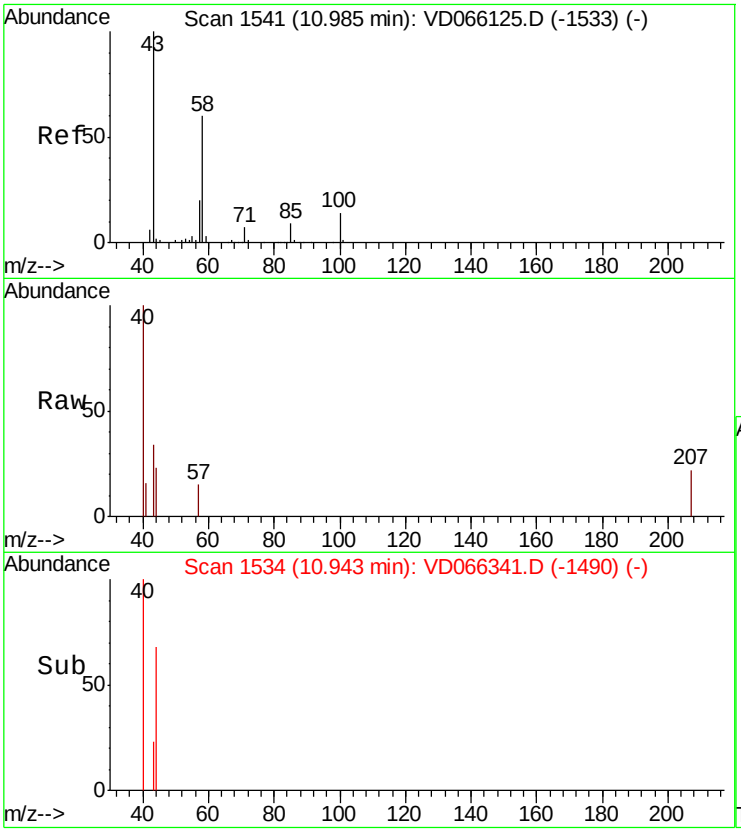


#58
2-Chloroethyl Vinyl ether
Concen: 1.025 ug/l
RT: 9.94 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 63 Resp: 777

Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.3	37.9#



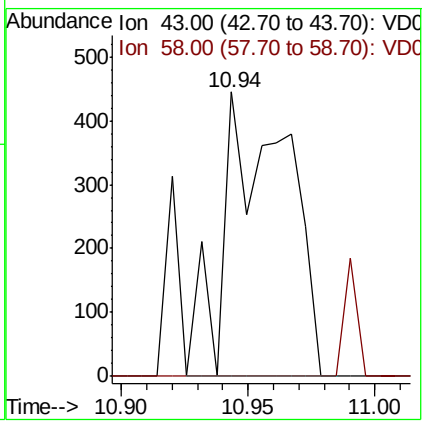


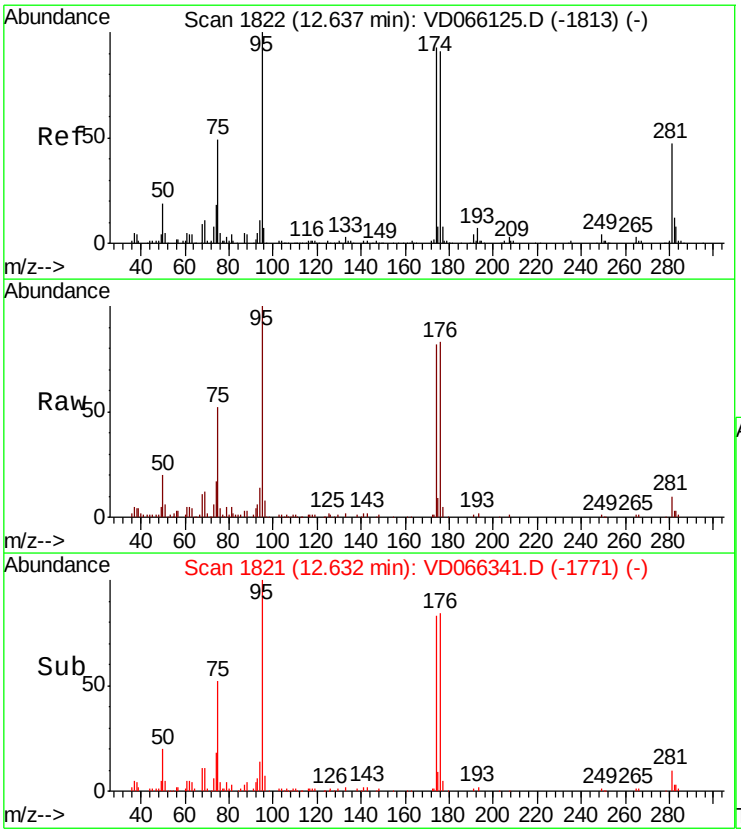
#59
2-Hexanone
Concen: 1.084 ug/l
RT: 10.94 min Scan# 1534
Delta R.T. -0.04 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 43 Resp: 795

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	83.4#

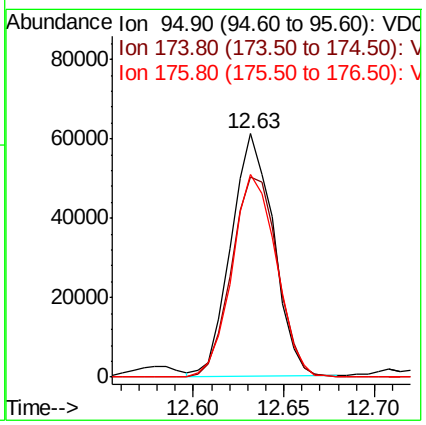


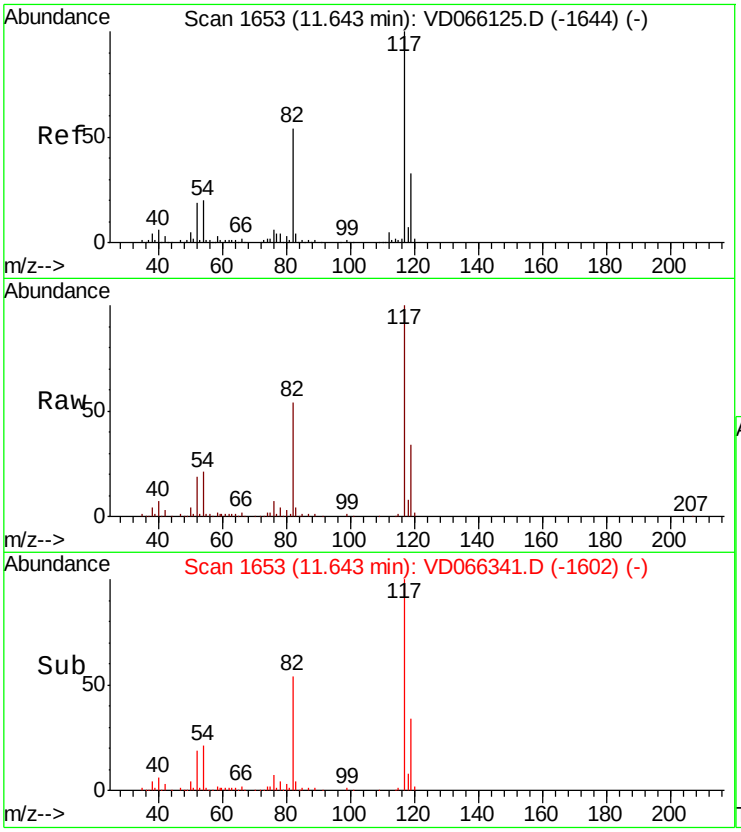


#62
4-Bromofluorobenzene
Concen: 42.535 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 95 Resp: 99432

Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	180.8
176	87.1	0.0	181.2



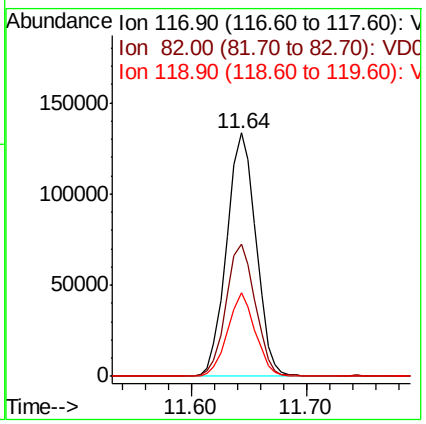


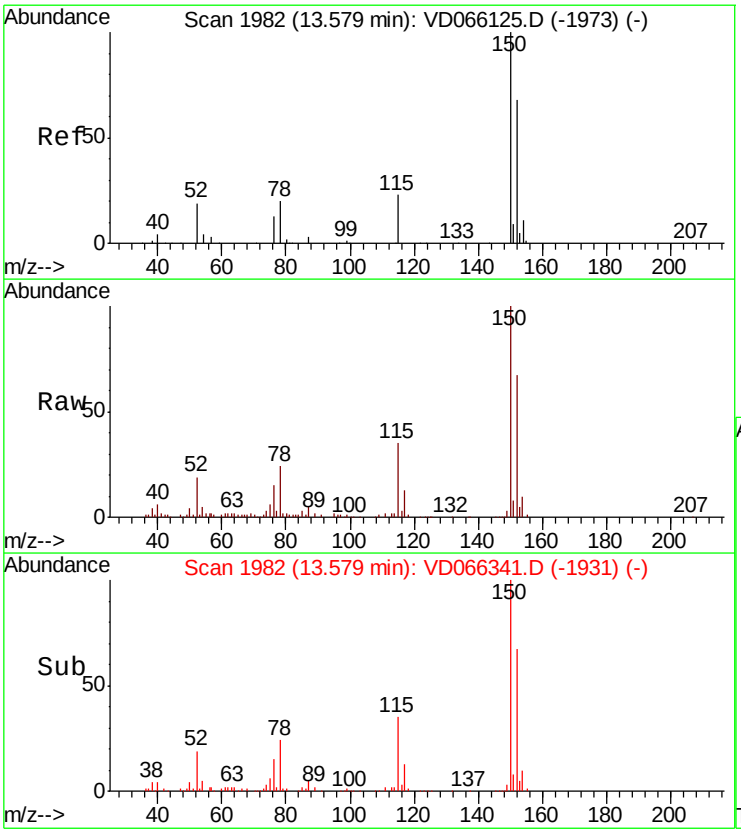
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion:117 Resp: 235250

Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.0	64.4
119	34.3	26.1	39.1

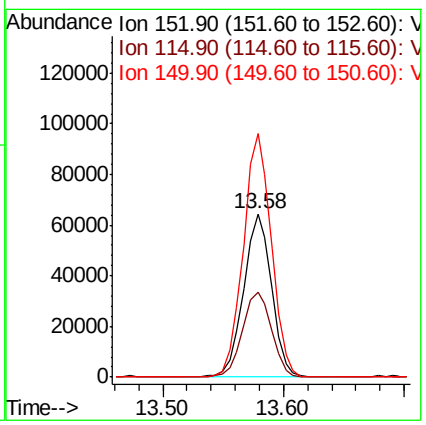


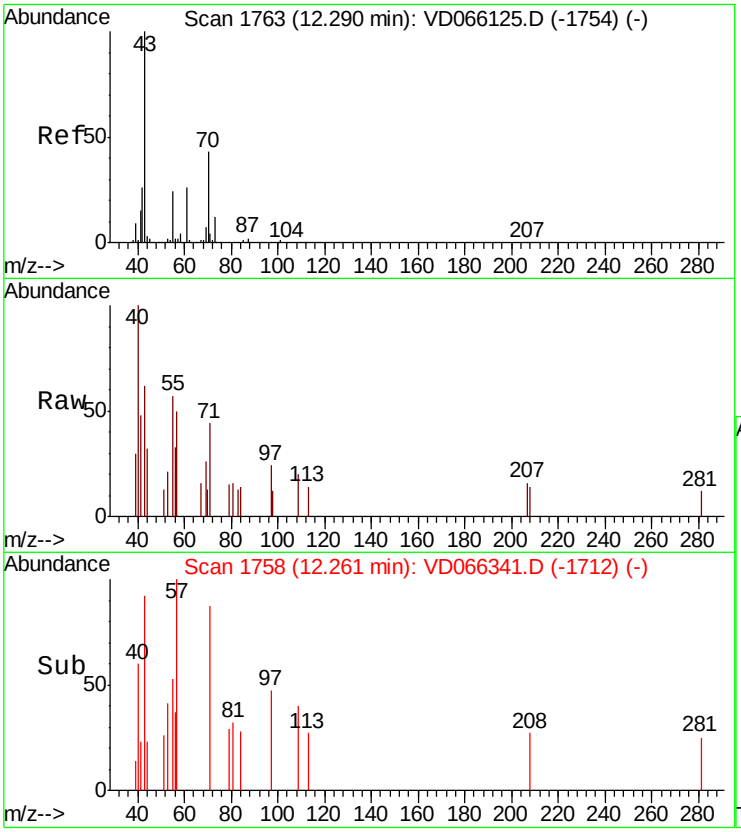


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion:152 Resp: 104240

Ion	Ratio	Lower	Upper
152	100		
115	54.1	28.0	83.9
150	149.8	0.0	346.4



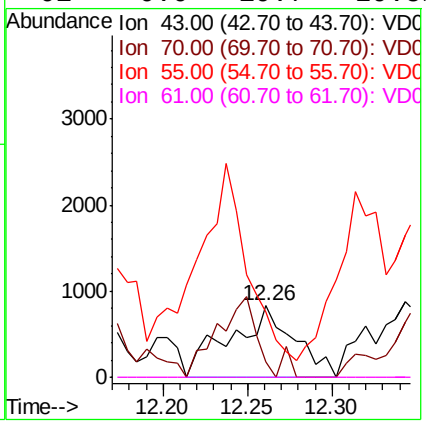


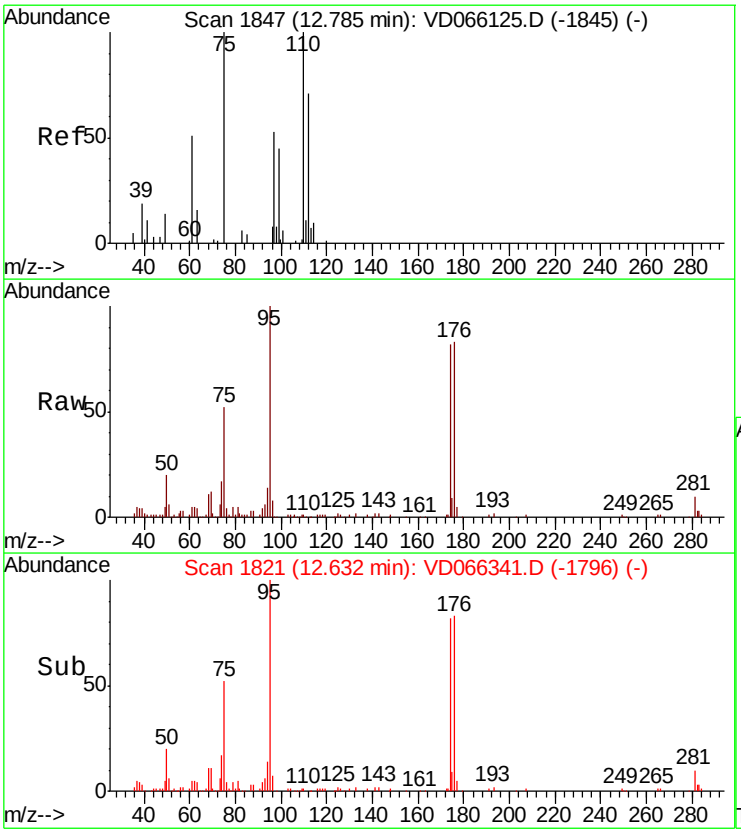
#74
N-amyl acetate
Concen: 1.429 ug/l
RT: 12.26 min Scan# 1758
Delta R.T. -0.03 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument : MSVOA_D
ClientSampleId : TP-3

Tgt Ion: 43 Resp: 2189

Ion	Ratio	Lower	Upper
43	100		
70	67.7	34.9	52.3#
55	0.0	19.2	28.8#
61	0.0	19.7	29.5#

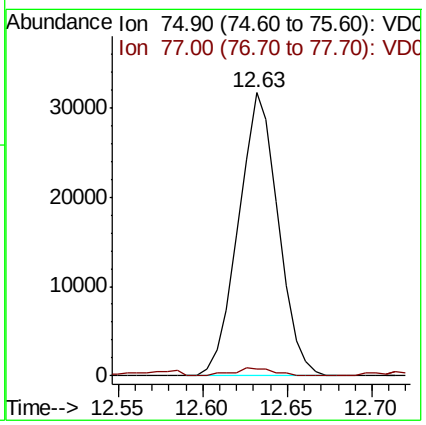


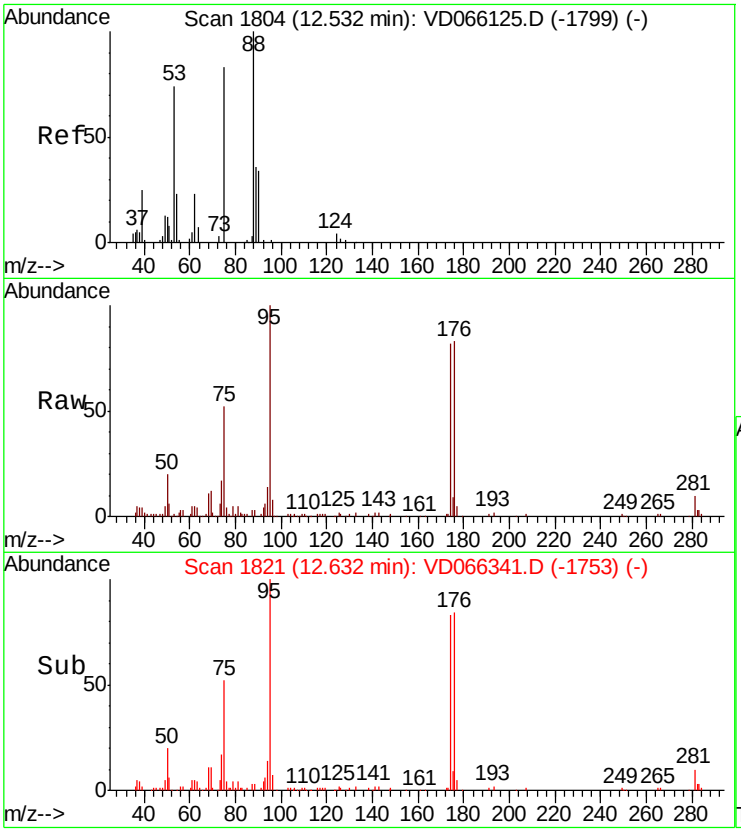


#76
1,2,3-Trichloropropane
Concen: 59.610 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Tgt Ion: 75 Resp: 51818

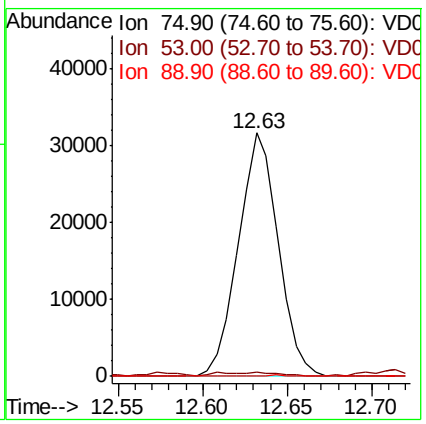
Ion	Ratio	Lower	Upper
75	100		
77	2.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.771 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066341.D
Acq: 20 Aug 2020 03:40

Instrument :
MSVOA_D
ClientSampleId :
TP-3

Tgt Ion: 75 Resp: 51818

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.2#
89	0.1	36.6	55.0#