Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD100220\
Data File : VD067058.D
Acq On : 03 Oct 2020 02:54
Operator : VA/SY
Sample : L4247-04
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Quant Time: Oct 03 06:50:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	592182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	957534	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	894930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	411894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	270105	47.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.70%			
35) Dibromofluoromethane	7.91	113	299012	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.40%			
50) Toluene-d8	10.34	98	1147224	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.44%			
62) 4-Bromofluorobenzene	12.63	95	402649	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	4816	Below Cal	#	65
5) Bromomethane	2.77	94	2135	Below Cal		93
11) Tert butyl alcohol	5.24	59	402	Below Cal	#	72
16) Acetone	4.16	43	3833	4.402	ug/l #	85
20) Methylene Chloride	4.97	84	23389	Below Cal		94
25) 2-Butanone	7.20	43	3207	2.598	ug/l #	78
26) 2,2-Dichloropropane	7.21	77	4637	Below Cal		98
31) Cyclohexane	7.98	56	15330	1.790	ug/l #	30
39) Methylcyclohexane	9.36	83	10002	1.060	ug/l	97
55) 1,1,2-Trichloroethane	10.77	97	8648	1.858	ug/l #	34
68) m/p-Xylenes	11.86	106	17485	1.471	ug/l	100
69) o-Xylene	12.18	106	11435	1.076	ug/l	94
74) N-amyl acetate	12.27	43	20488	4.075	ug/l #	70
76) 1,2,3-Trichloropropane	12.63	75	197752	55.119	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.96	105	101748	4.306	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.63	75	197752	137.418	ug/l #	12
84) 1,2,4-Trimethylbenzene	13.27	105	67257	2.852	ug/l	97
86) p-Isopropyltoluene	13.52	119	30978	1.192	ug/l	98
89) n-Butylbenzene	13.81	91	33897	1.428	ug/l #	1
90) Hexachloroethane	14.12	117	10926	2.401	ug/l #	20
95) Naphthalene	15.41	128	113585	9.164	ug/l	97

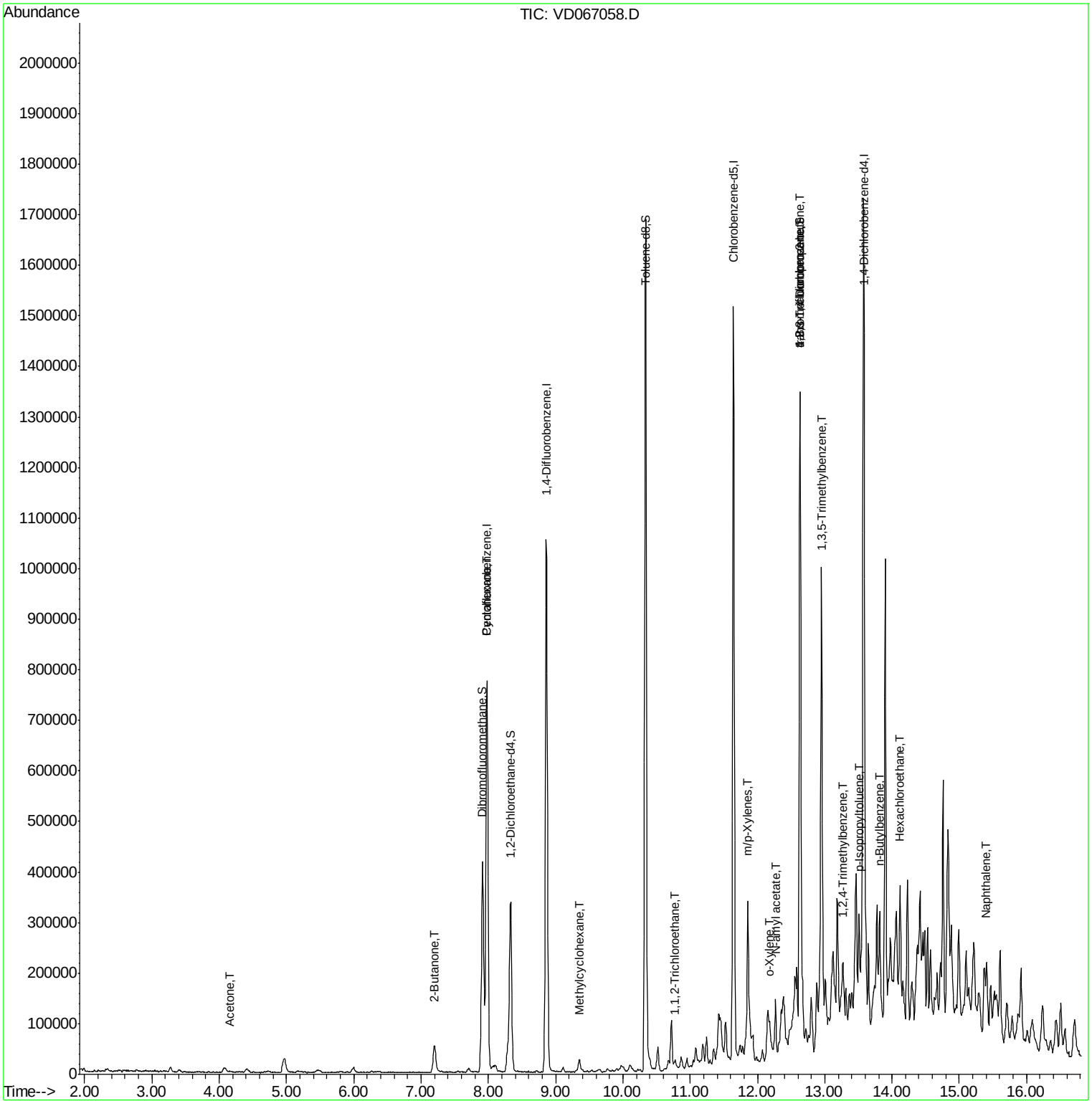
(#) = qualifier out of range (m) = manual integration (+) = signals summed

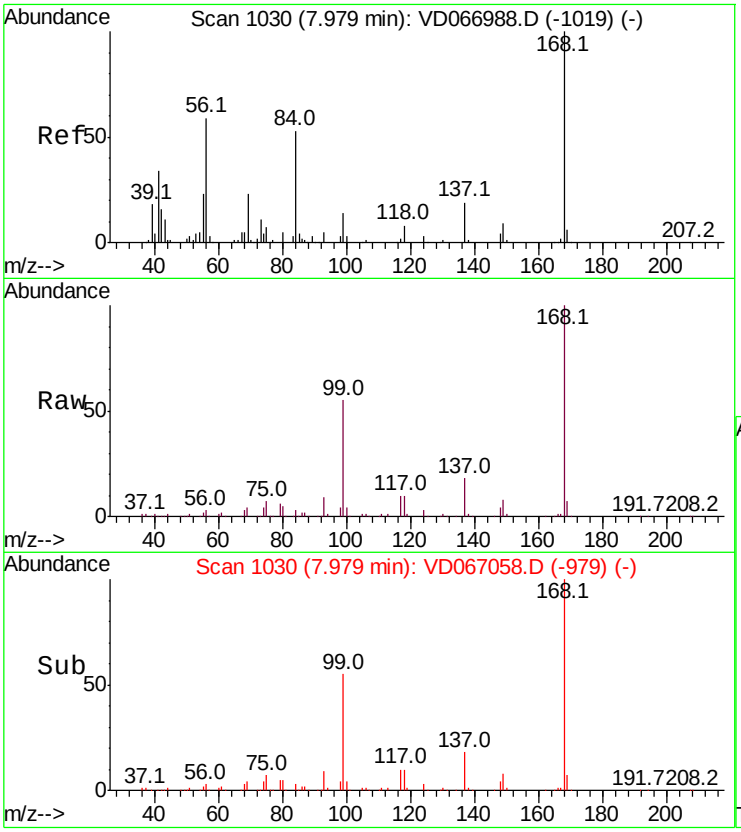
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
Data File : VD067058.D
Acq On : 03 Oct 2020 02:54
Operator : VA/SY
Sample : L4247-04
Misc : 5.08G/5.00ml/MSVOA D/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Quant Time: Oct 03 06:50:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration



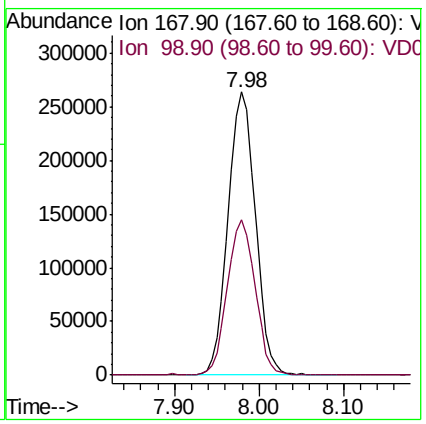


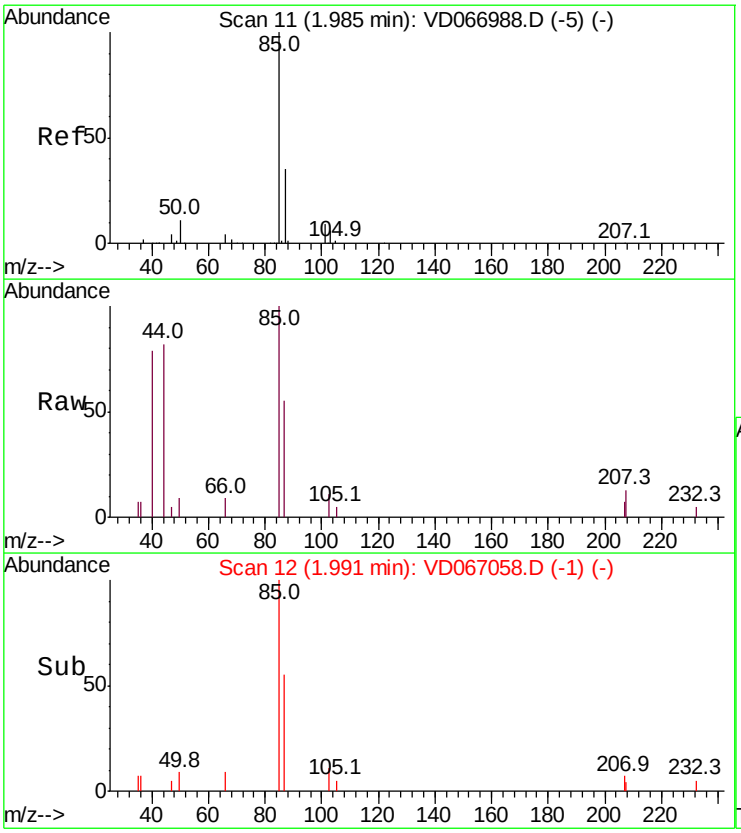
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion:168 Resp: 592182

Ion	Ratio	Lower	Upper
168	100		
99	55.0	44.1	66.1

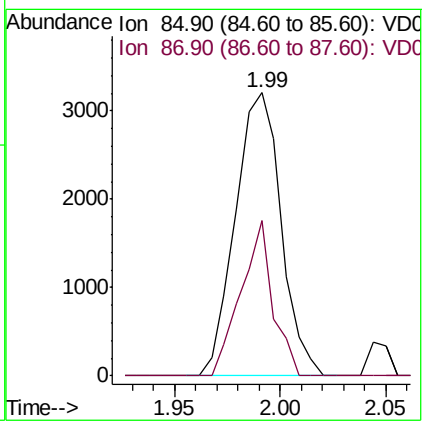


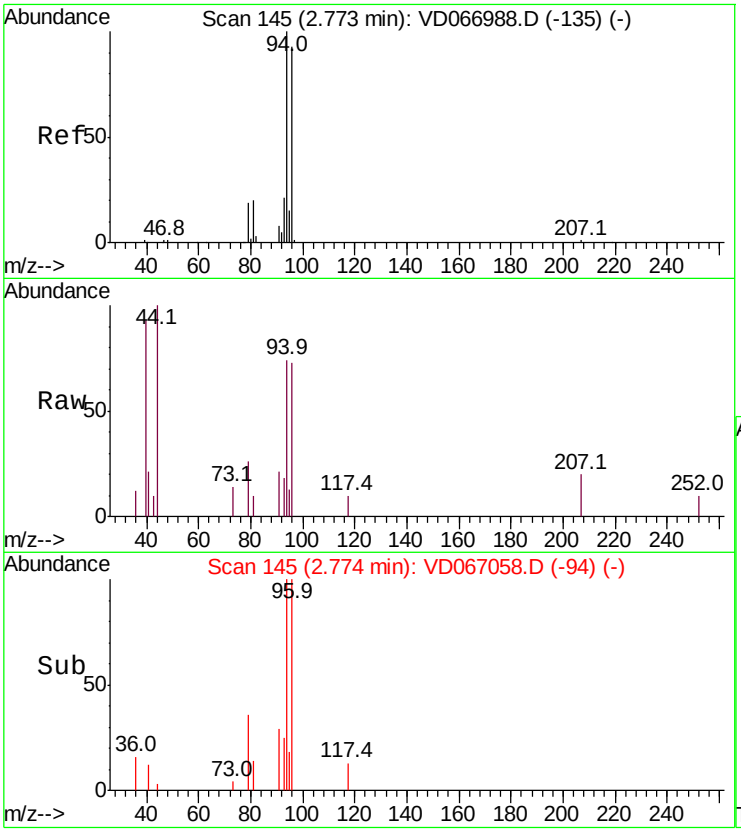


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 85 Resp: 4816

Ion	Ratio	Lower	Upper
85	100		
87	54.9	17.3	52.0#



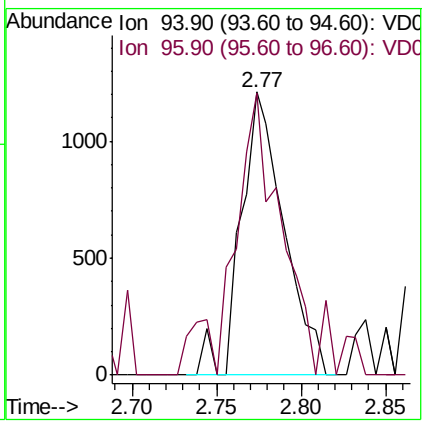


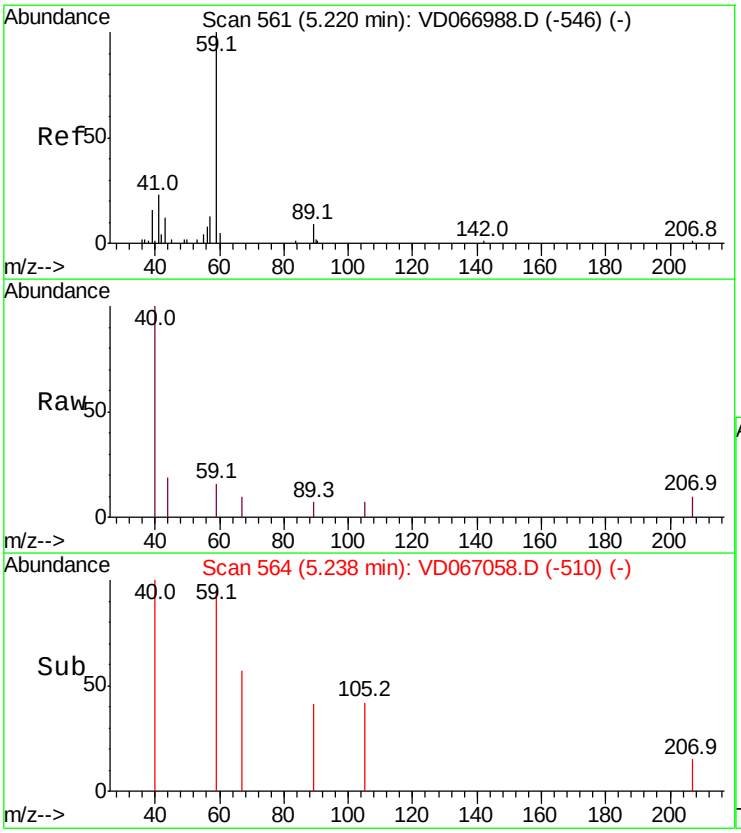
#5
Bromomethane
Concen: Below Cal
RT: 2.77 min Scan# 145
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion: 94 Resp: 2135

Ion	Ratio	Lower	Upper
94	100		
96	99.8	74.6	112.0

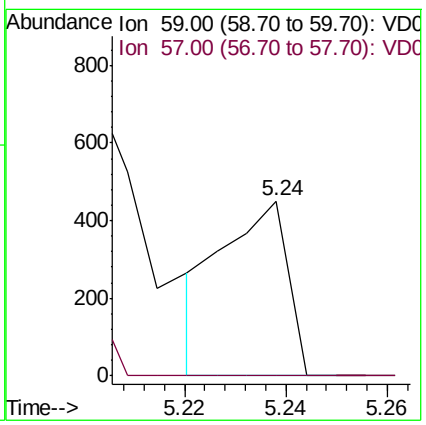


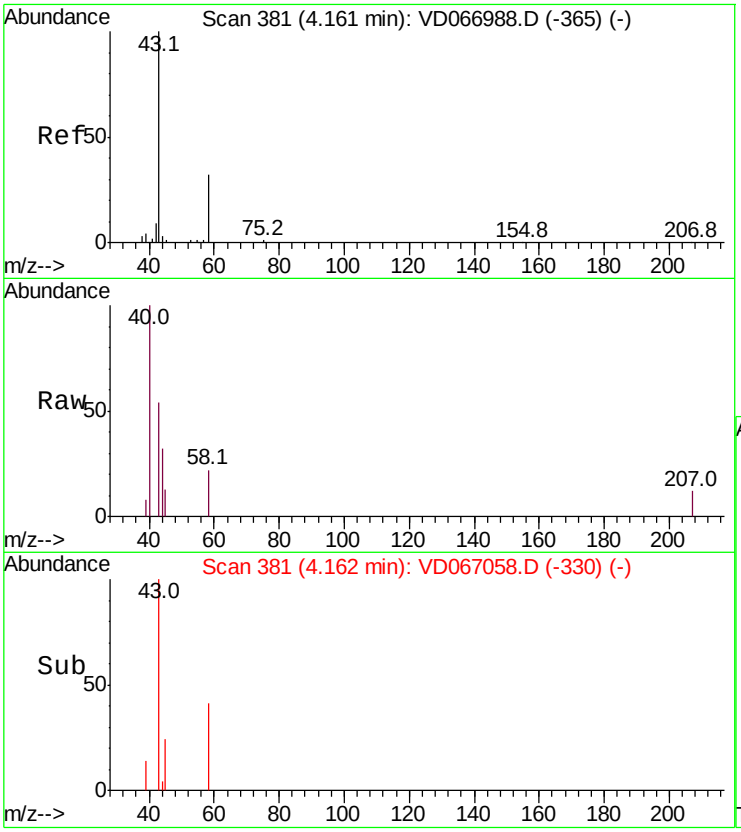


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 564
Delta R.T. 0.02 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 59 Resp: 402

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.2	12.4#



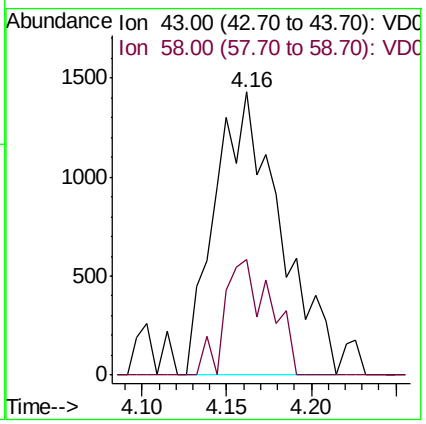


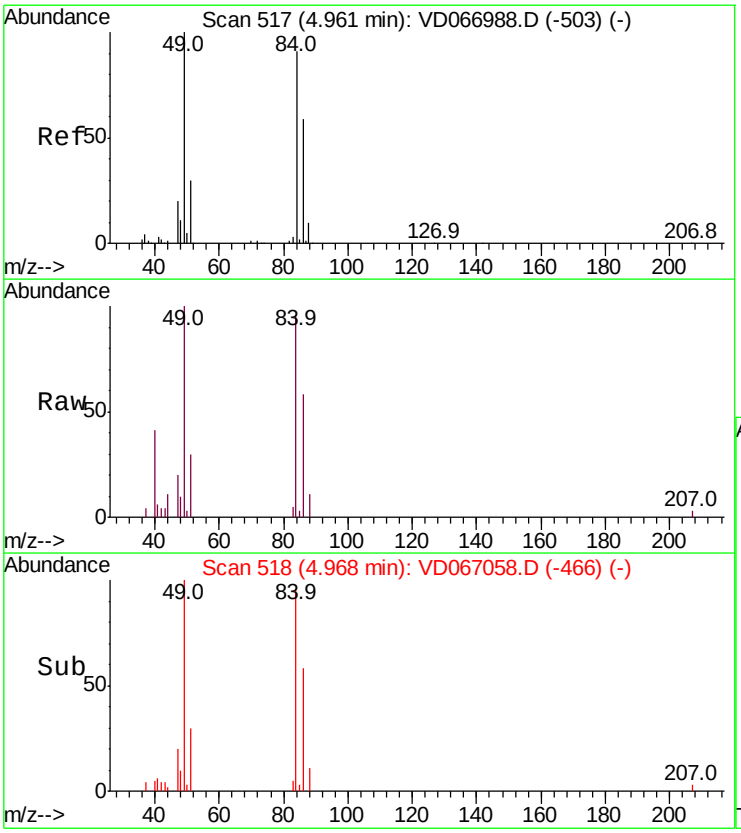
#16
Acetone
Concen: 4.402 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion: 43 Resp: 3833

Ion	Ratio	Lower	Upper
43	100		
58	41.1	25.9	38.9#

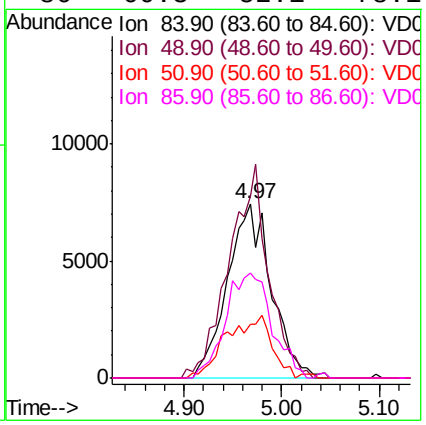


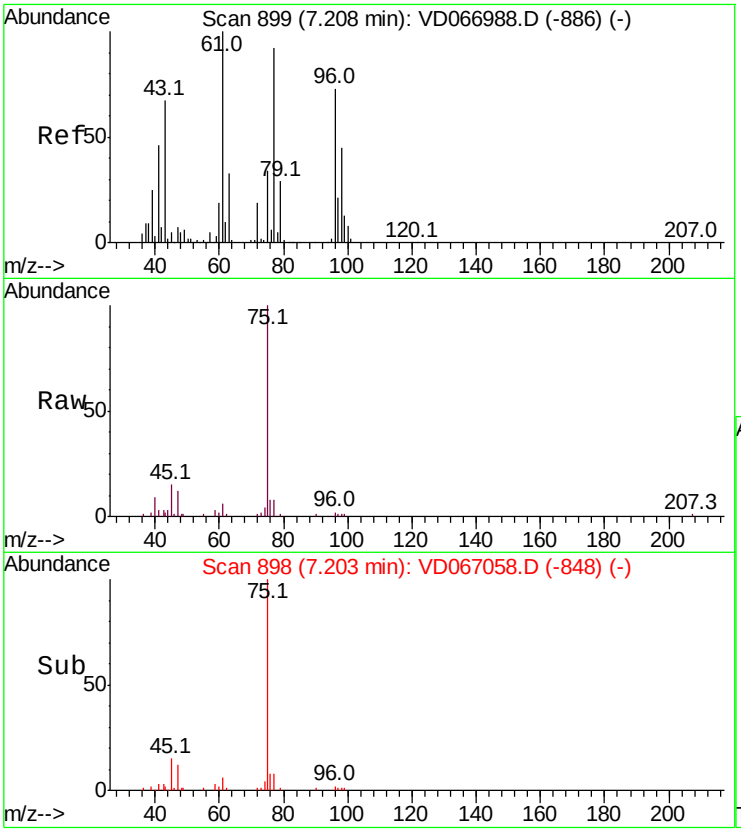


#20
Methylene Chloride
Concen: Below Cal
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 84 Resp: 23389

Ion	Ratio	Lower	Upper
84	100		
49	103.8	88.2	132.2
51	31.2	26.6	39.8
86	60.3	52.1	78.1



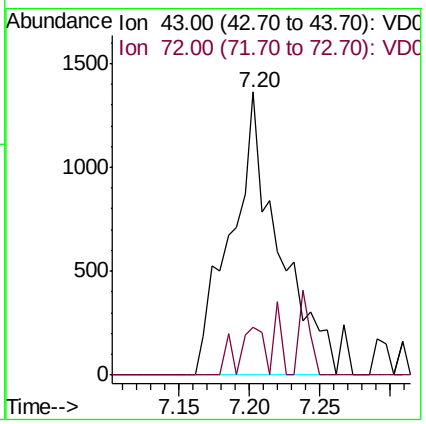


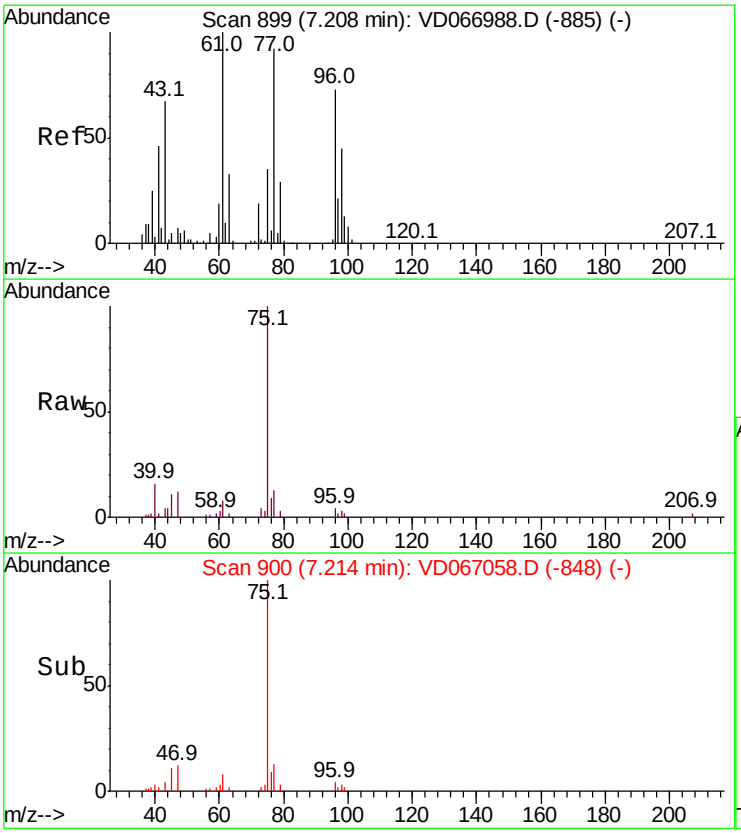
#25
2-Butanone
Concen: 2.598 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion: 43 Resp: 3207

Ion	Ratio	Lower	Upper
43	100		
72	16.9	22.8	34.2#

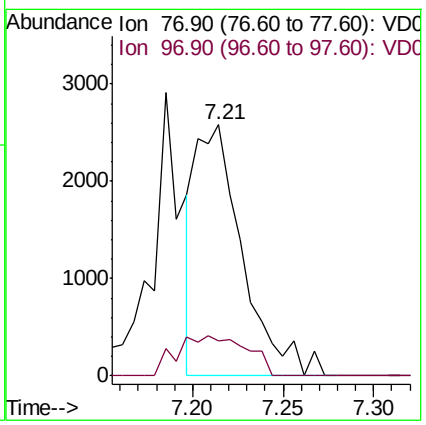


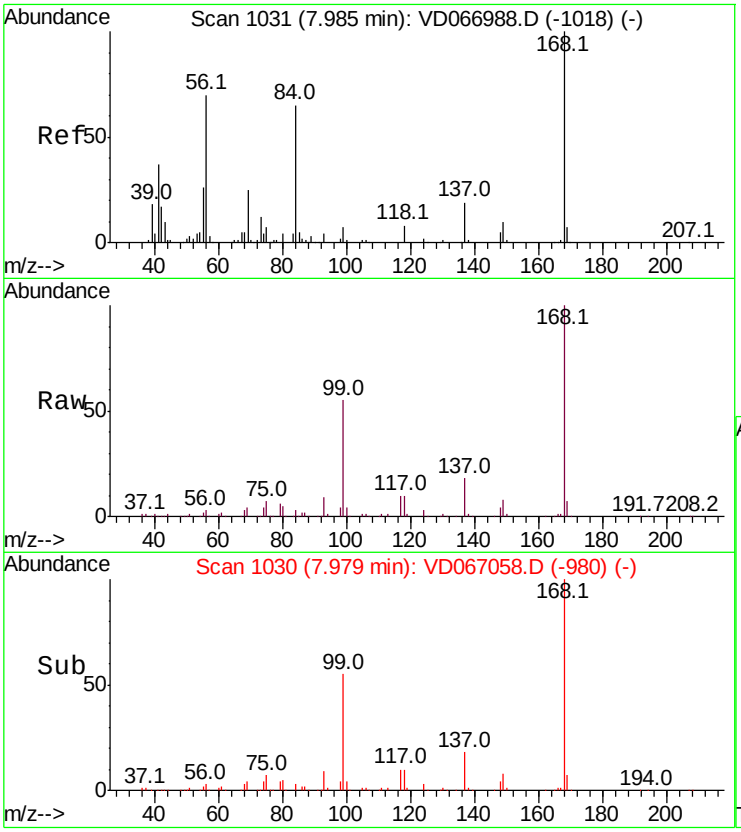


#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 77 Resp: 4637

Ion	Ratio	Lower	Upper
77	100		
97	24.0	11.4	34.2



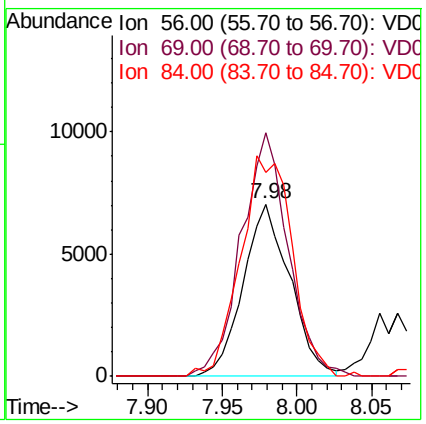


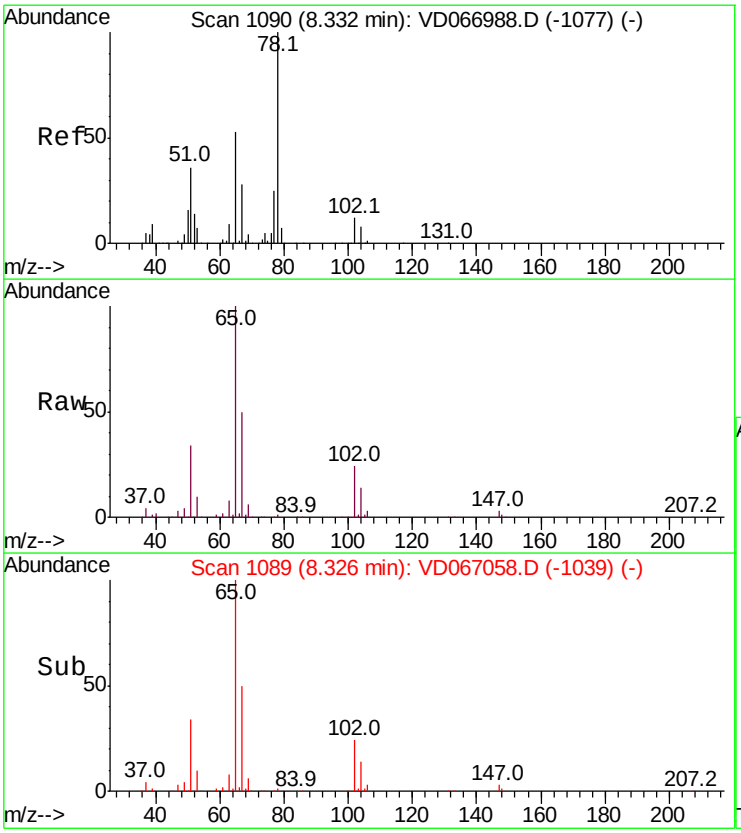
#31
Cyclohexane
Concen: 1.790 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion: 56 Resp: 15330

Ion	Ratio	Lower	Upper
56	100		
69	141.6	29.0	43.6#
84	119.0	74.2	111.2#

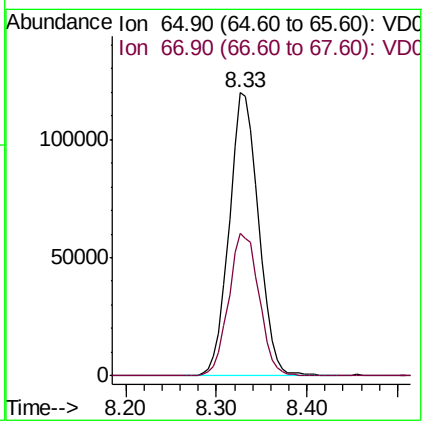


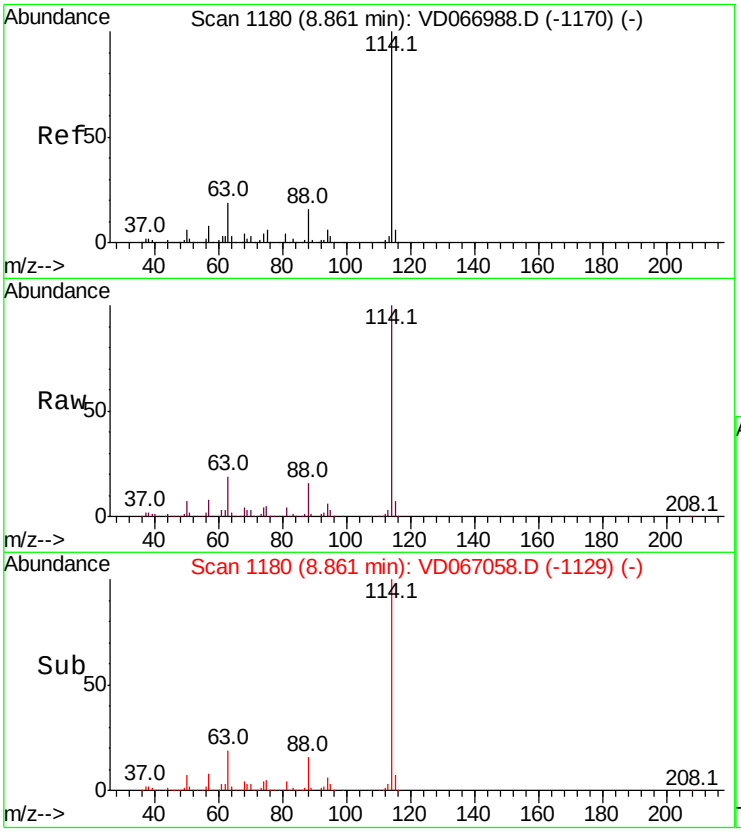


#33
1,2-Dichloroethane-d4
Concen: 47.355 ug/l
RT: 8.33 min Scan# 1089
Delta R.T. -0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 65 Resp: 270105

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	106.8



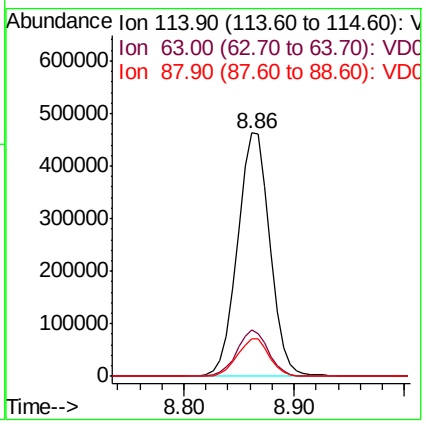


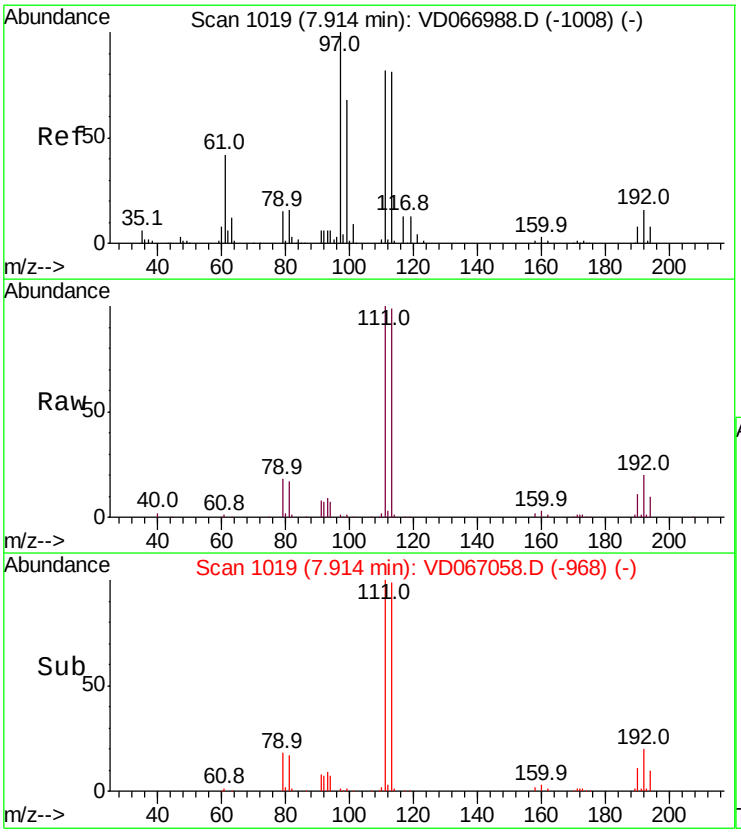
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion:114 Resp: 957534

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	38.4
88	15.6	0.0	31.2

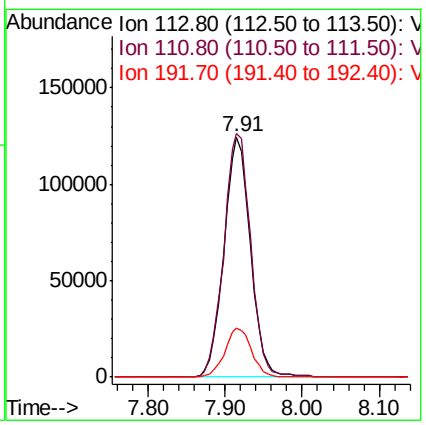


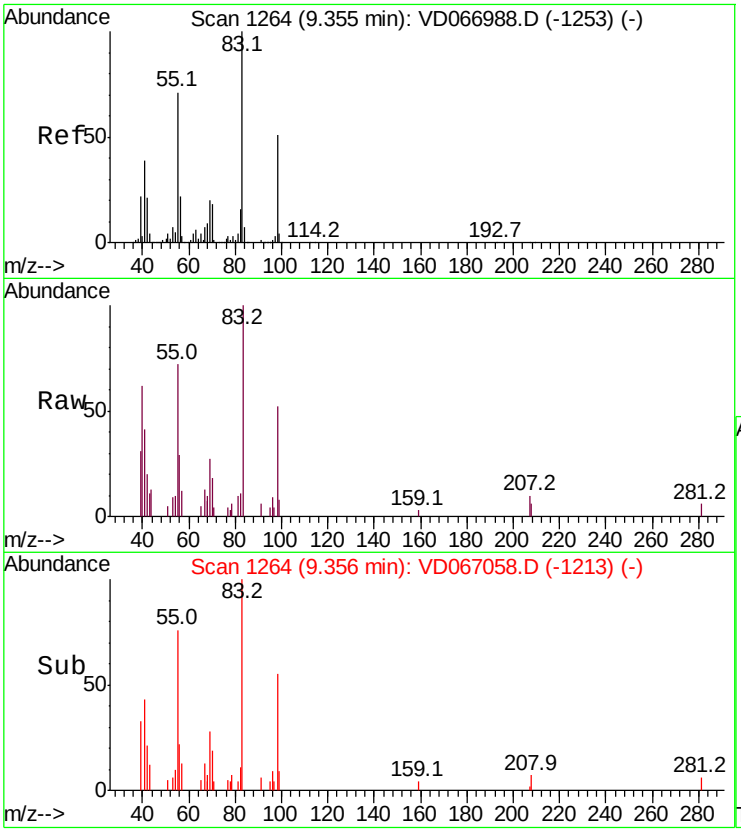


#35
Dibromofluoromethane
Concen: 47.699 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion:113 Resp: 299012

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	20.4	15.5	23.3



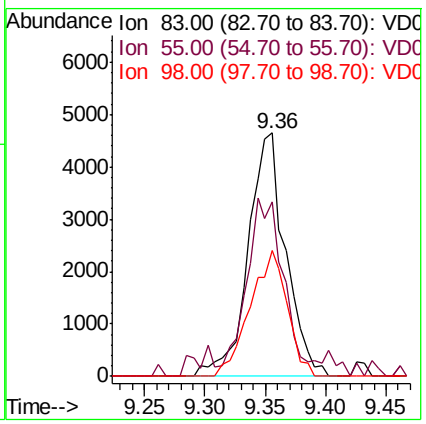


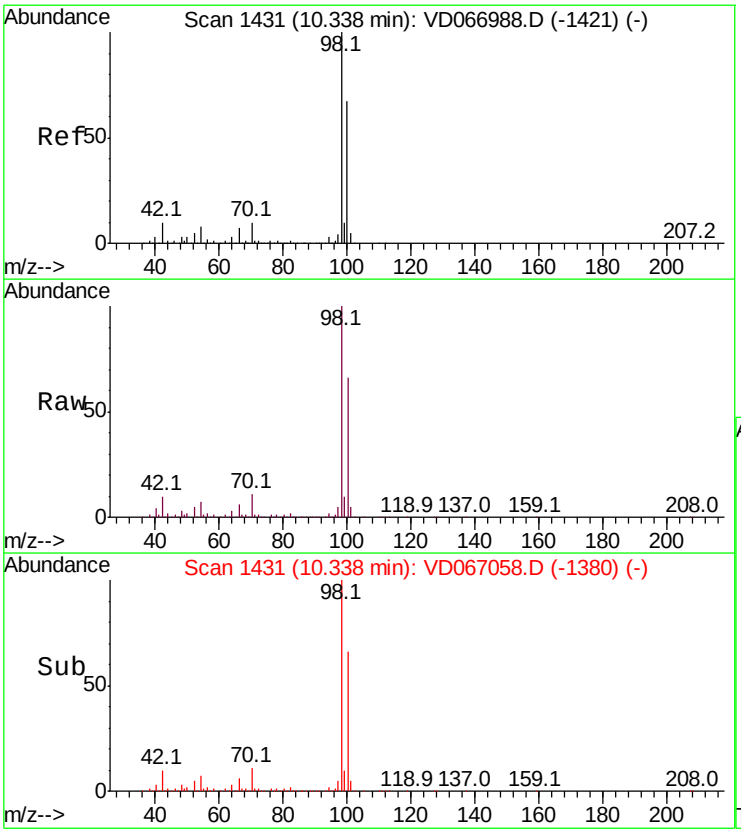
#39
Methylcyclohexane
Concen: 1.060 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion: 83 Resp: 10002

Ion	Ratio	Lower	Upper
83	100		
55	67.4	57.1	85.7
98	51.8	40.9	61.3

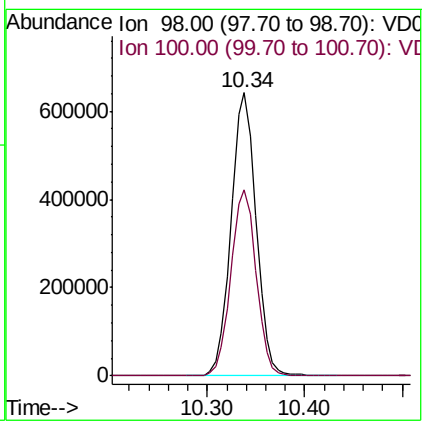


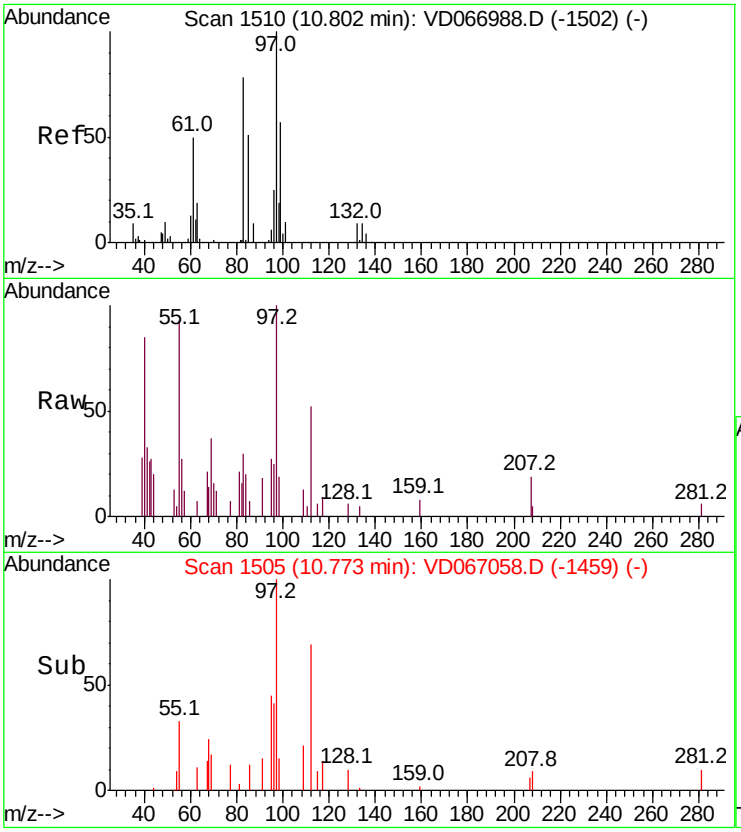


#50
Toluene-d8
Concen: 50.223 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 98 Resp: 1147224

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.8	79.2



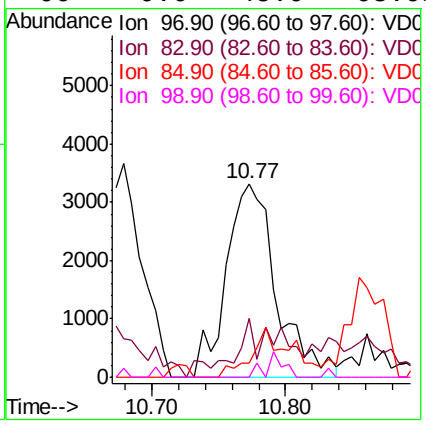


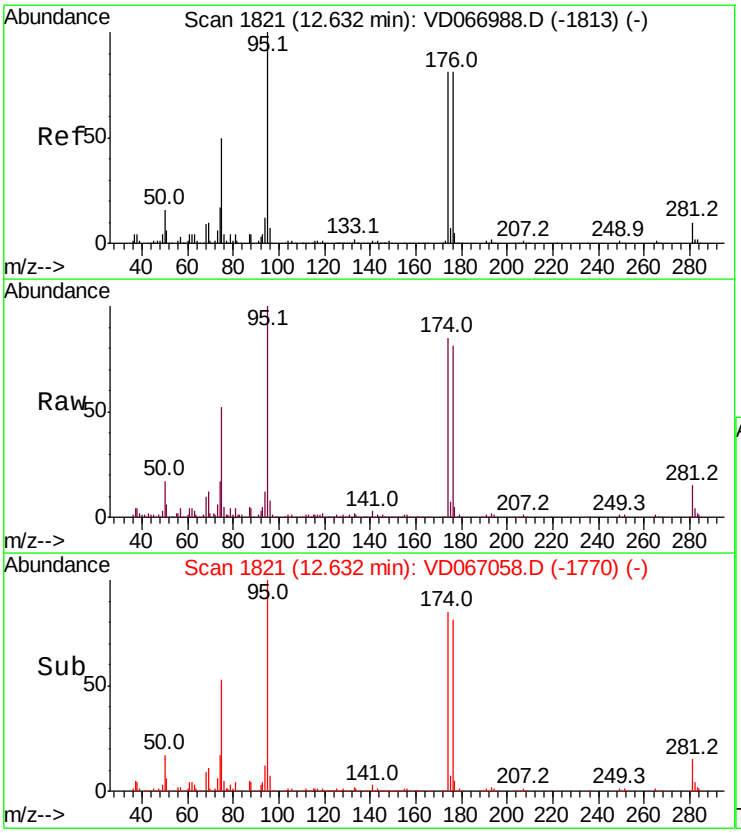
#55
1,1,2-Trichloroethane
Concen: 1.858 ug/l
RT: 10.77 min Scan# 1505
Delta R.T. -0.03 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion: 97 Resp: 8648

Ion	Ratio	Lower	Upper
97	100		
83	30.5	62.4	93.6#
85	1.1	41.0	61.4#
99	0.0	45.9	68.9#

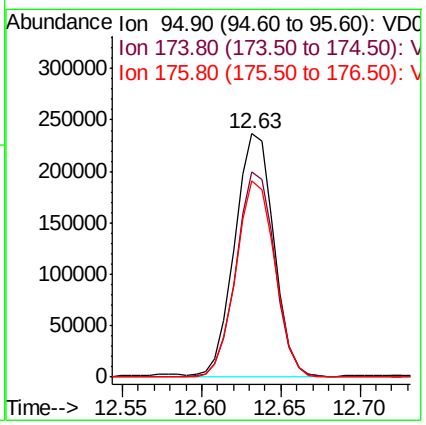


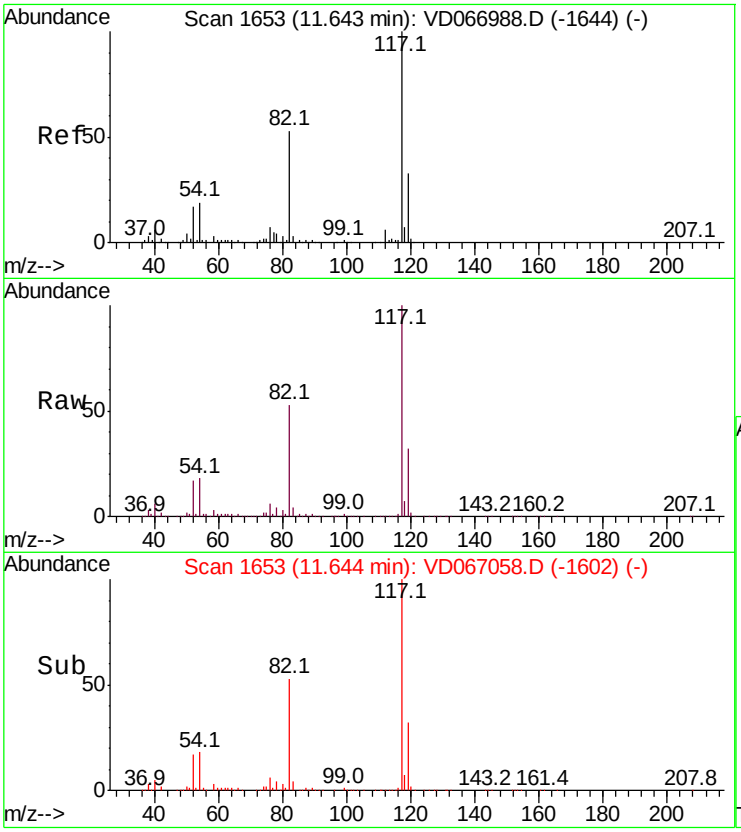


#62
4-Bromofluorobenzene
Concen: 51.924 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 95 Resp: 402649

Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	167.6
176	81.3	0.0	162.4



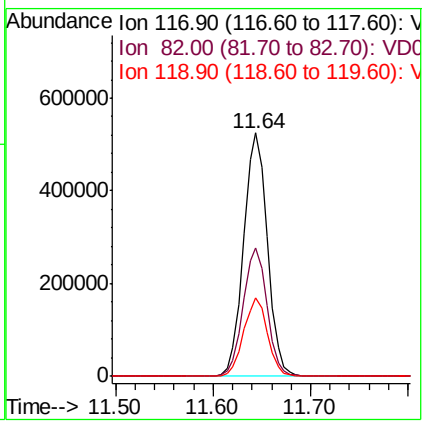


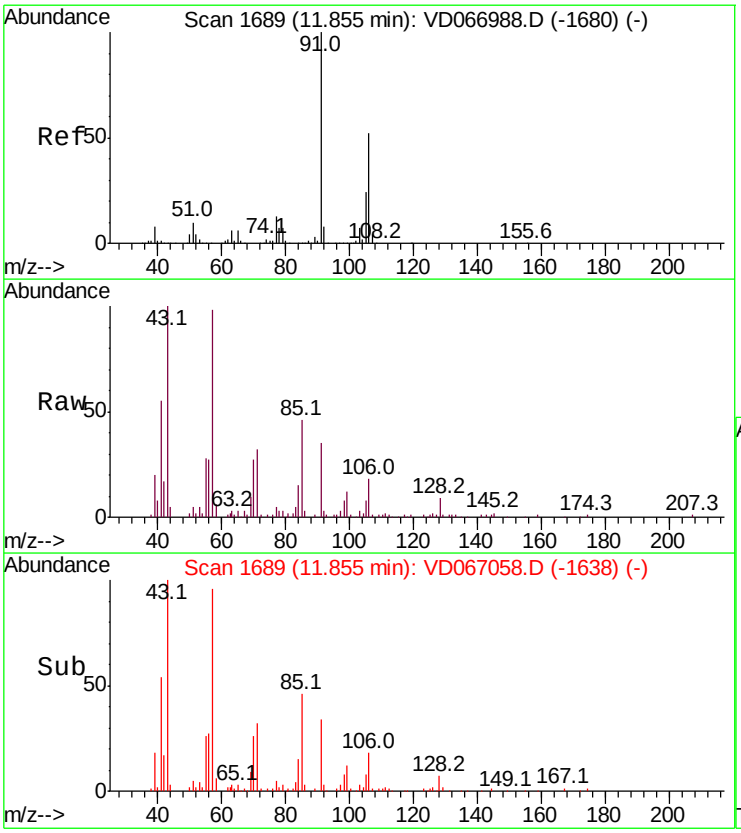
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion:117 Resp: 894930

Ion	Ratio	Lower	Upper
117	100		
82	52.5	42.6	63.8
119	32.0	26.3	39.5

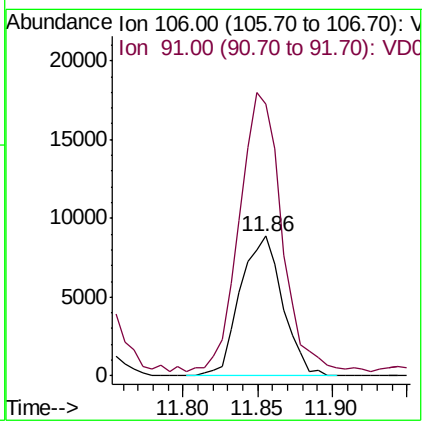


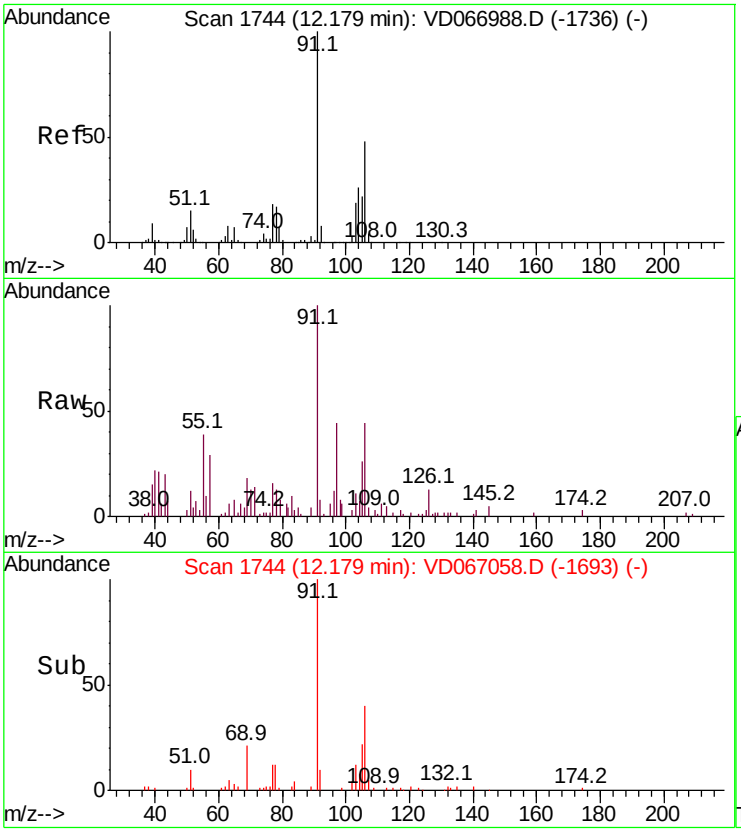


#68
m/p-Xylenes
Concen: 1.471 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion:106 Resp: 17485

Ion	Ratio	Lower	Upper
106	100		
91	198.7	158.4	237.6



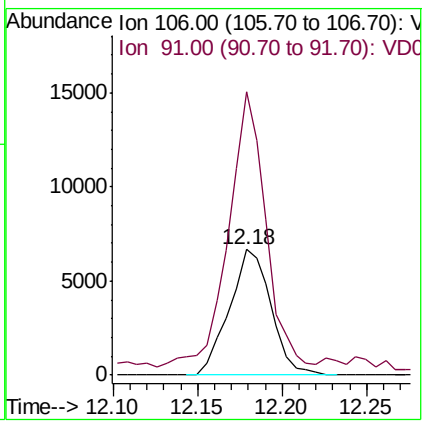


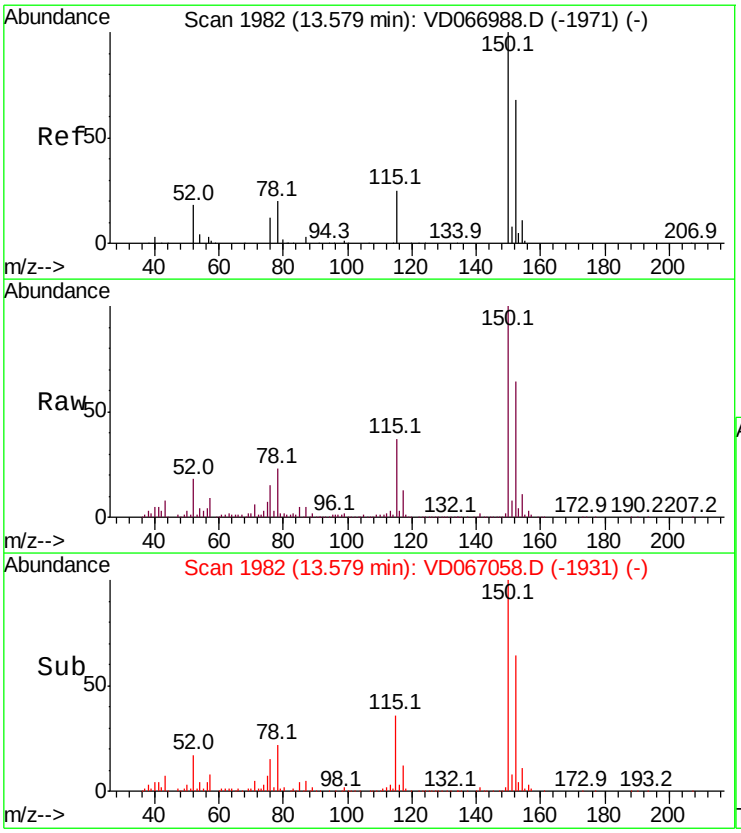
#69
o-Xylene
Concen: 1.076 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion:106 Resp: 11435

Ion	Ratio	Lower	Upper
106	100		
91	196.2	102.4	307.2

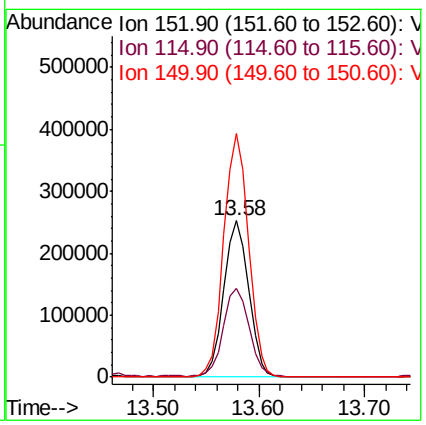


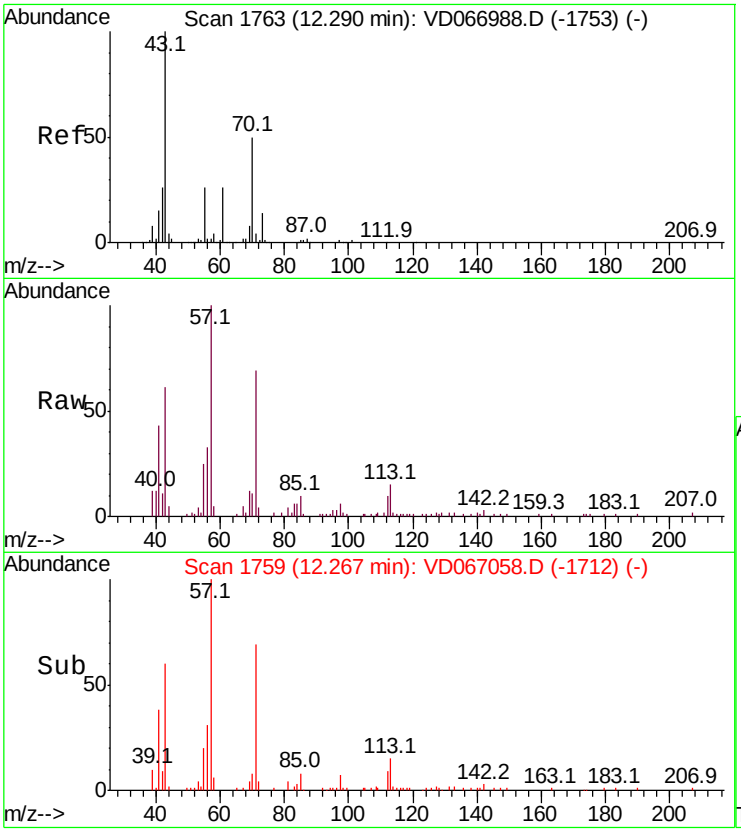


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion:152 Resp: 411894

Ion	Ratio	Lower	Upper
152	100		
115	59.6	29.6	88.8
150	154.4	0.0	344.8



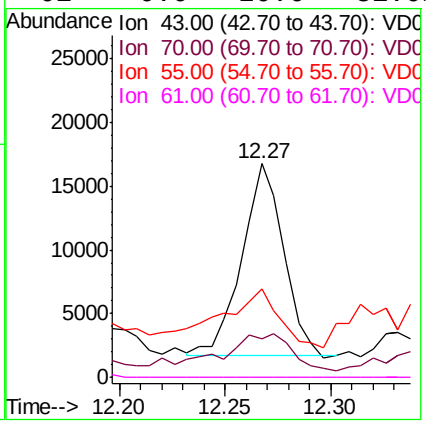


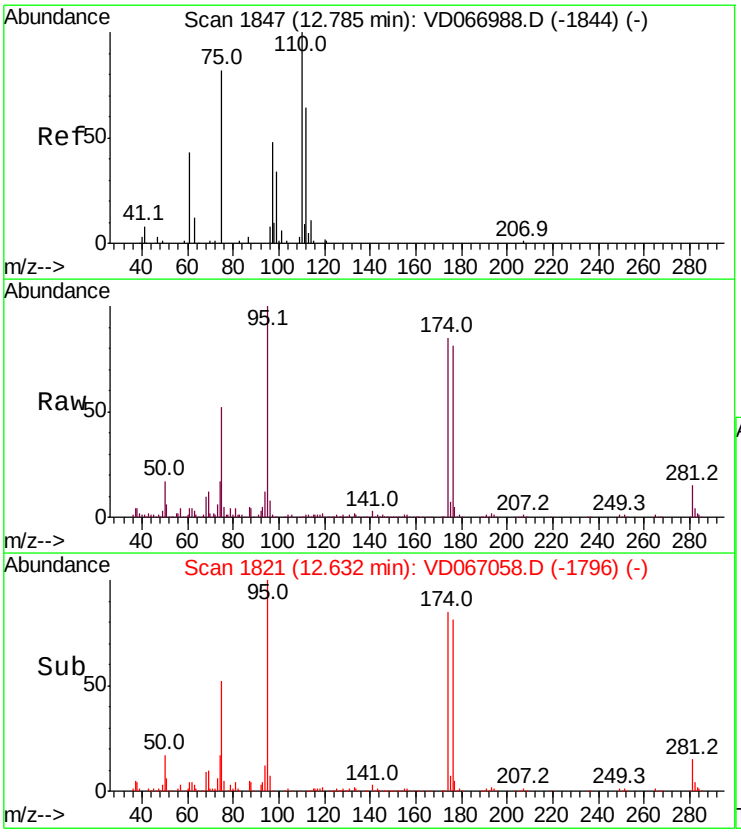
#74
N-amyl acetate
Concen: 4.075 ug/l
RT: 12.27 min Scan# 1759
Delta R.T. -0.02 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion: 43 Resp: 20488

Ion	Ratio	Lower	Upper
43	100		
70	33.4	38.2	57.2#
55	42.5	22.4	33.6#
61	0.0	20.6	31.0#

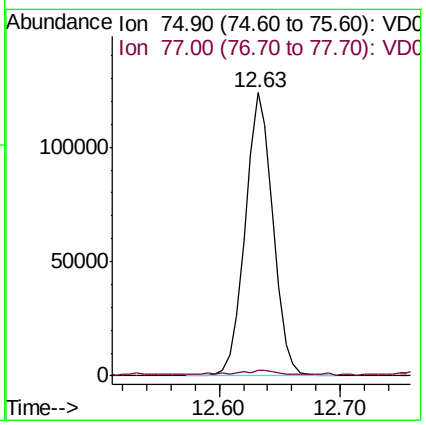


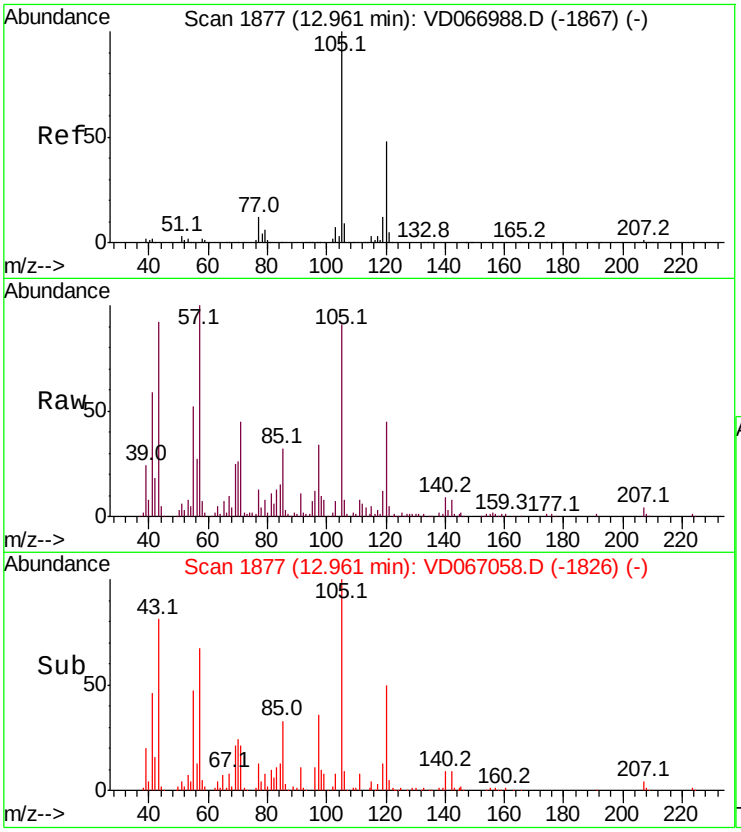


#76
1,2,3-Trichloropropane
Concen: 55.119 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 75 Resp: 197752

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#



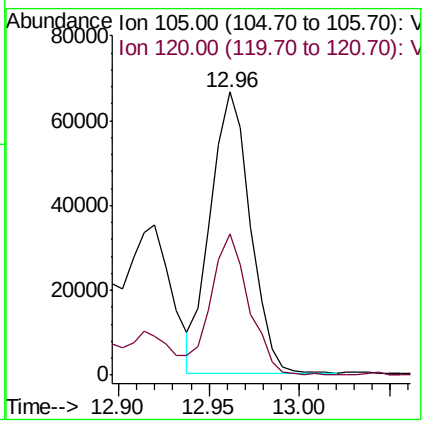


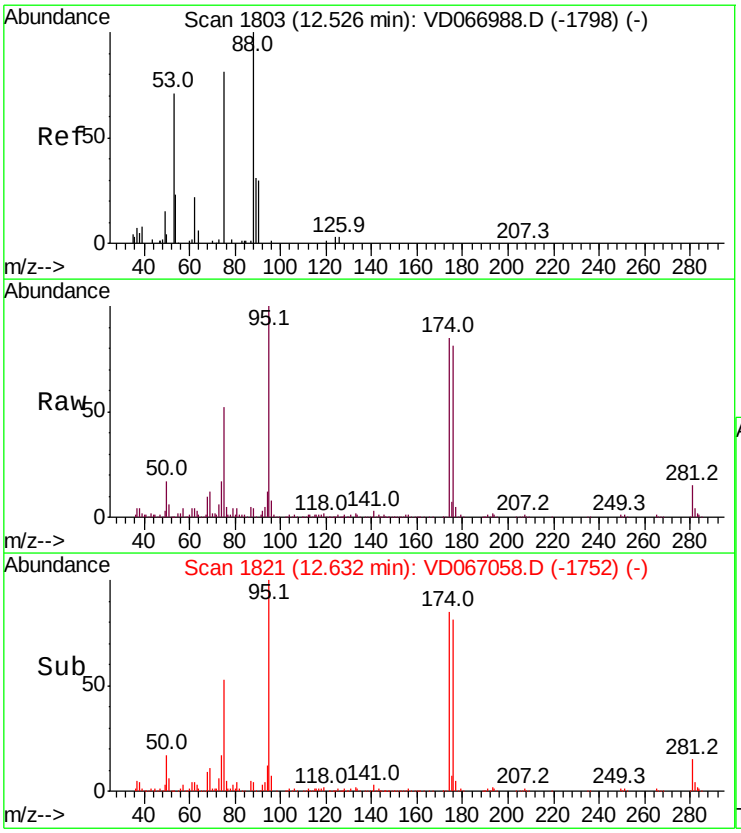
#80
1,3,5-Trimethylbenzene
Concen: 4.306 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion:105 Resp: 101748

Ion	Ratio	Lower	Upper
105	100		
120	47.5	24.6	74.0

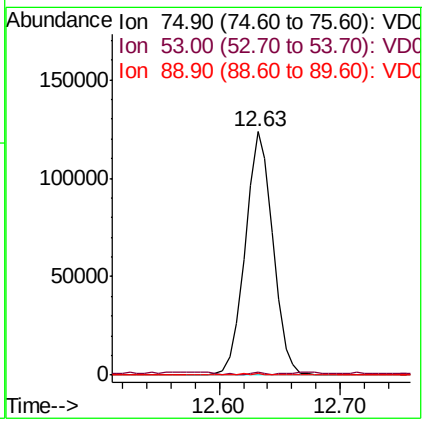


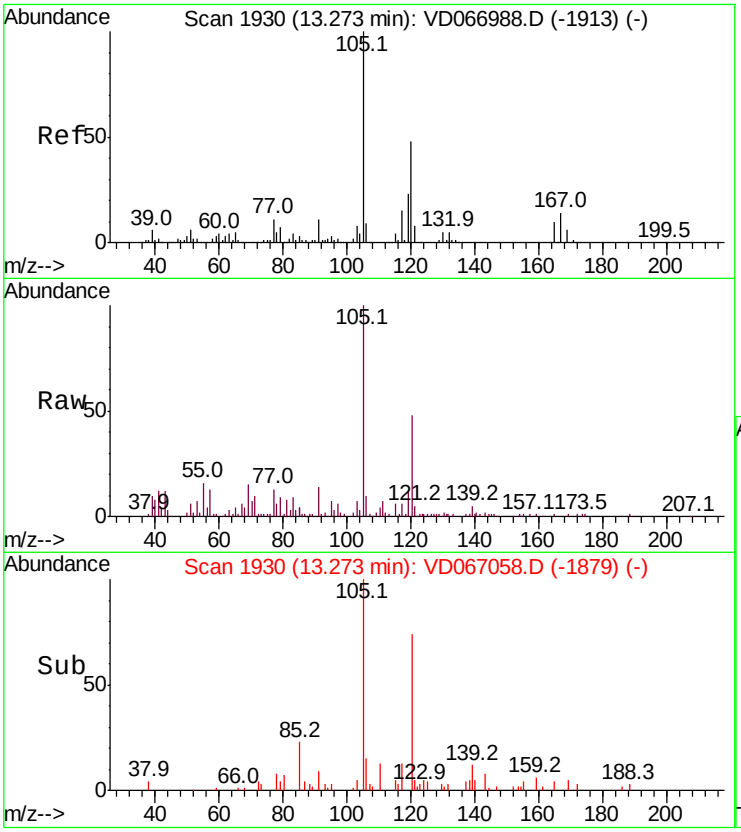


#81
trans-1,4-Dichloro-2-butene
Concen: 137.418 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.11 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion: 75 Resp: 197752

Ion	Ratio	Lower	Upper
75	100		
53	0.4	73.8	110.6#
89	0.3	38.9	58.3#



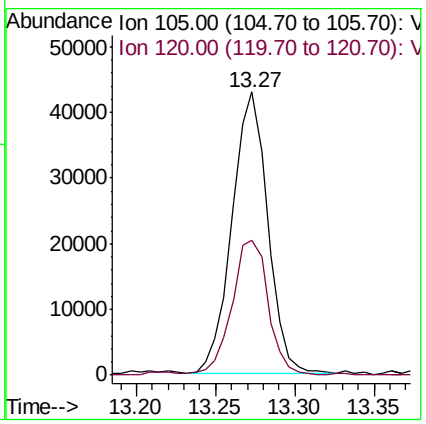


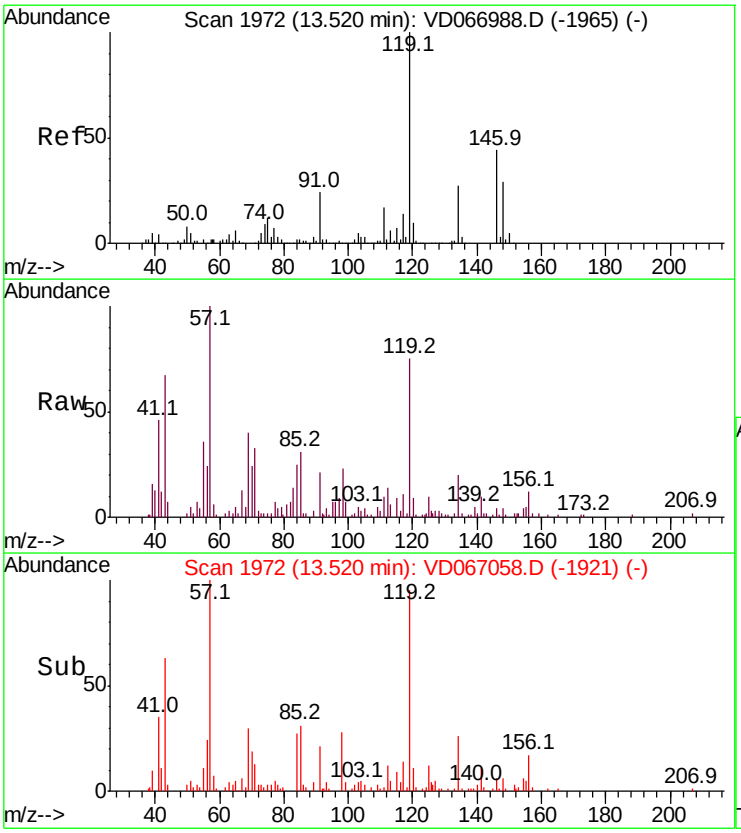
#84
1,2,4-Trimethylbenzene
Concen: 2.852 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion:105 Resp: 67257

Ion	Ratio	Lower	Upper
105	100		
120	48.6	23.3	69.8

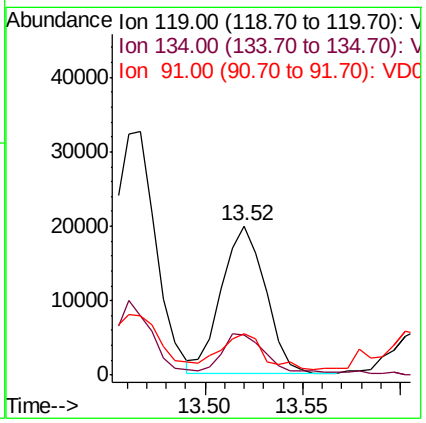


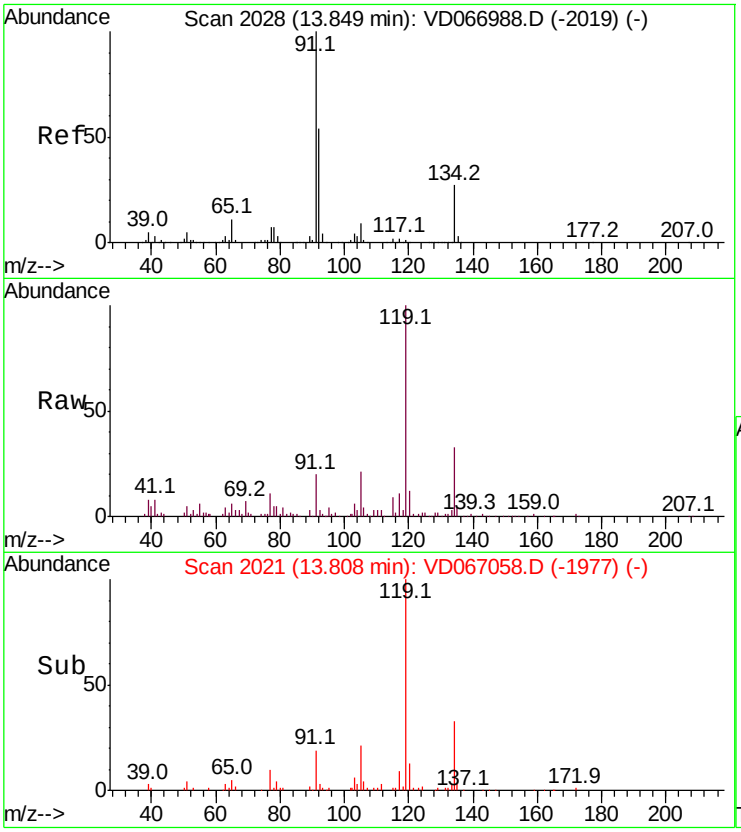


#86
p-Isopropyltoluene
Concen: 1.192 ug/l
RT: 13.52 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion:119 Resp: 30978

Ion	Ratio	Lower	Upper
119	100		
134	24.8	13.1	39.1
91	24.0	11.7	35.1



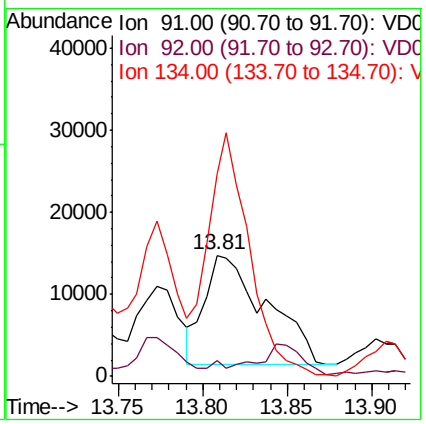


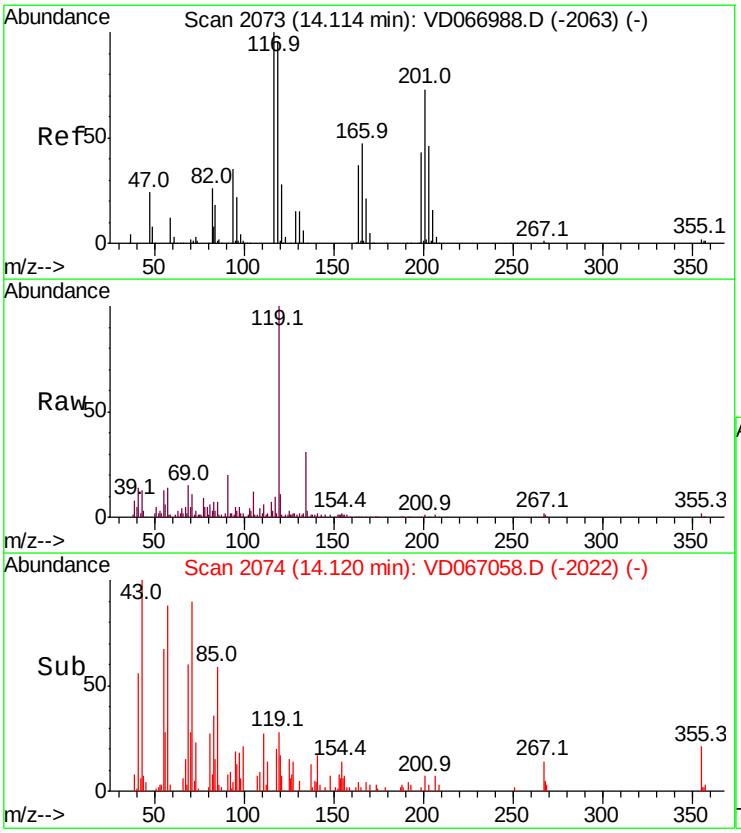
#89
n-Butylbenzene
Concen: 1.428 ug/l
RT: 13.81 min Scan# 2021
Delta R.T. -0.04 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument : MSVOA_D
ClientSampleId : B-18(5-7)

Tgt Ion: 91 Resp: 33897

Ion	Ratio	Lower	Upper
91	100		
92	1.6	27.1	81.2#
134	151.5	13.6	40.8#

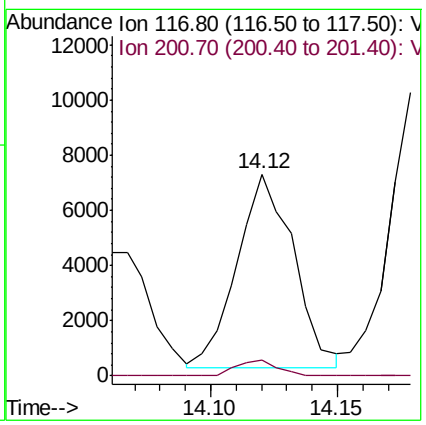


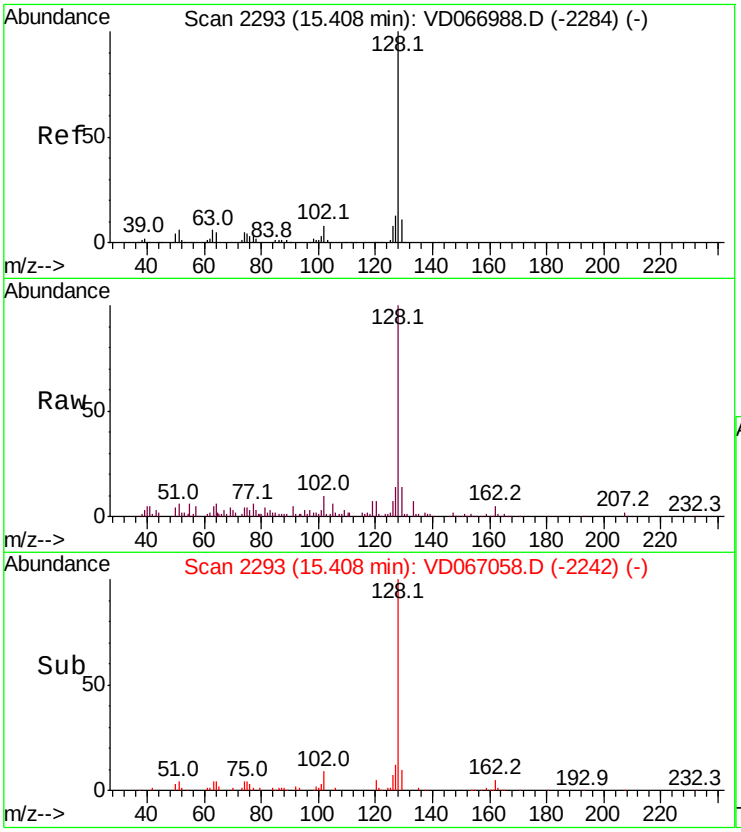


#90
Hexachloroethane
Concen: 2.401 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Tgt Ion:117 Resp: 10926

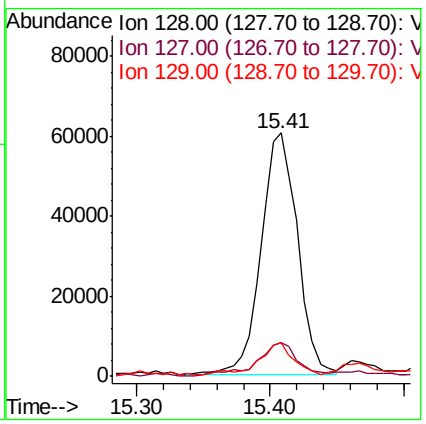
Ion	Ratio	Lower	Upper
117	100		
201	5.9	37.0	110.9#





#95
Naphthalene
Concen: 9.164 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD067058.D
Acq: 03 Oct 2020 02:54

Instrument :
MSVOA_D
ClientSampleId :
B-18(5-7)

Tgt Ion:128 Resp: 113585

Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.3	15.5
129	11.2	8.6	13.0