Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD091020\
Data File : VD066632.D
Acq On : 11 Sep 2020 00:49
Operator : VA/SY
Sample : L3937-01
Misc : 5.75G/5.00ml/MSVOA_D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_D
ClientSampleId : BSY-SB-01-1.0-2.0

Quant Time: Sep 11 02:11:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	50353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	86358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	92008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	39277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	49996	82.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 164.14%			
35) Dibromofluoromethane	7.91	113	37924	65.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 130.20%			
50) Toluene-d8	10.34	98	107564	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 103.32%			
62) 4-Bromofluorobenzene	12.63	95	38002	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.99	85	250	Below Cal	#	46
3) Chloromethane	2.22	50	1057	1.660	ug/l #	42
7) Trichlorofluoromethane	3.28	101	1051	1.007	ug/l	89
10) Methyl Iodide	4.29	142	1017	5.839	ug/l #	35
11) Tert butyl alcohol	5.19	59	1393	Below Cal	#	74
16) Acetone	4.16	43	20572	183.522	ug/l	91
17) Carbon Disulfide	4.40	76	2228	1.336	ug/l #	74
18) Methyl Acetate	4.71	43	5257	19.673	ug/l #	88
20) Methylene Chloride	4.96	84	3789	Below Cal	#	90
25) 2-Butanone	7.20	43	1266	8.413	ug/l	96
31) Cyclohexane	7.97	56	1635	1.645	ug/l #	61
38) Carbon Tetrachloride	7.98	117	6139	6.462	ug/l #	20
39) Methylcyclohexane	9.35	83	1087	1.083	ug/l	92
76) 1,2,3-Trichloropropane	12.63	75	21335	56.481	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	21335	131.863	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.17	180	682	1.010	ug/l #	55
95) Naphthalene	15.40	128	1966	1.666	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.60	180	659	1.145	ug/l #	65

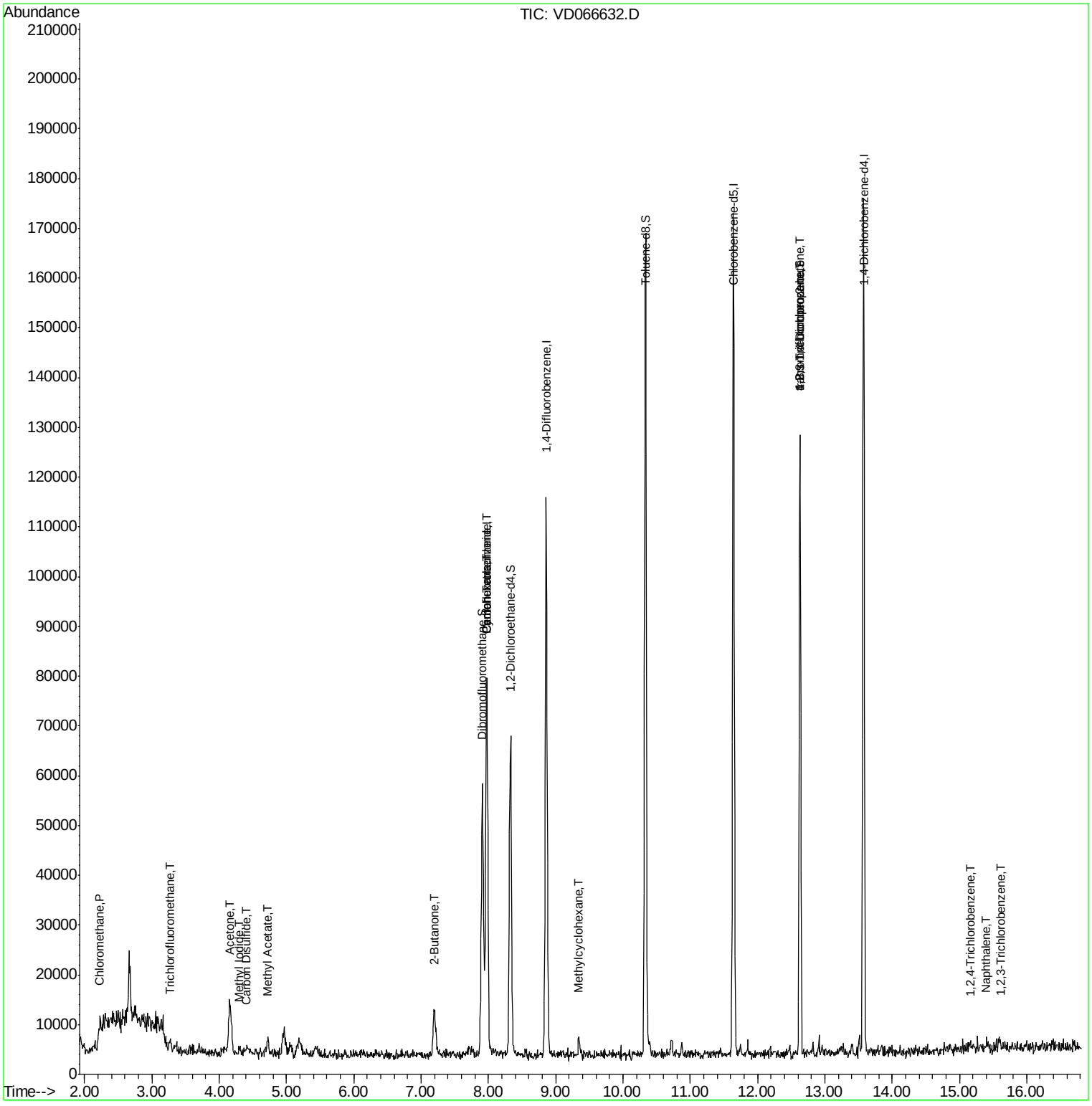
(#) = qualifier out of range (m) = manual integration (+) = signals summed

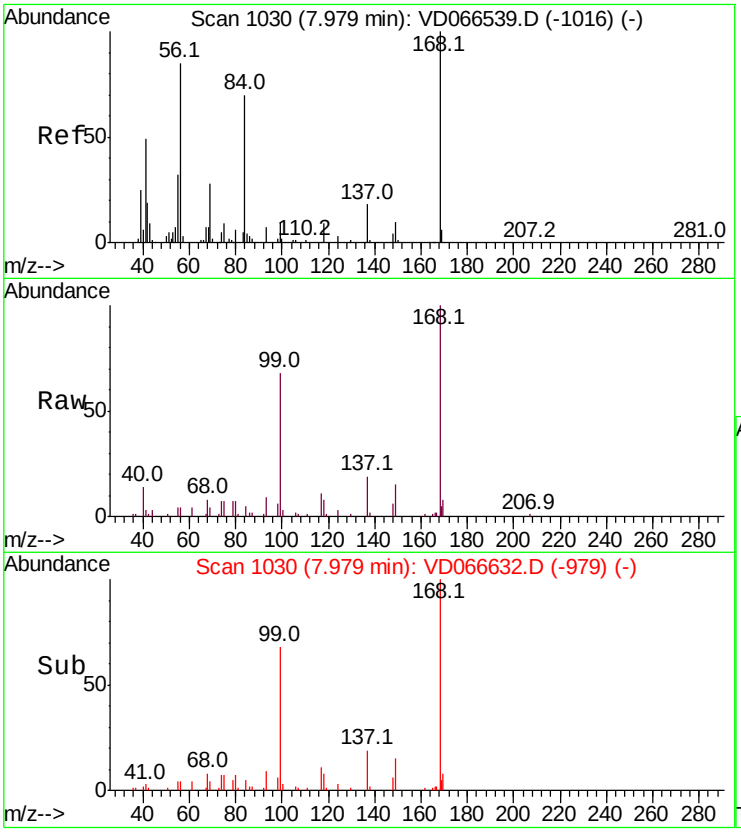
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091020\
Data File : VD066632.D
Acq On : 11 Sep 2020 00:49
Operator : VA/SY
Sample : L3937-01
Misc : 5.75G/5.00ml/MSVOA D/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Quant Time: Sep 11 02:11:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 04 01:57:04 2020
Response via : Initial Calibration



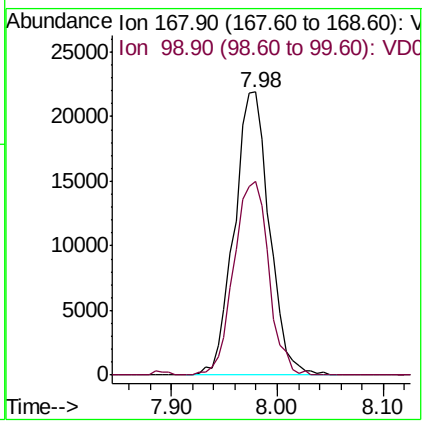


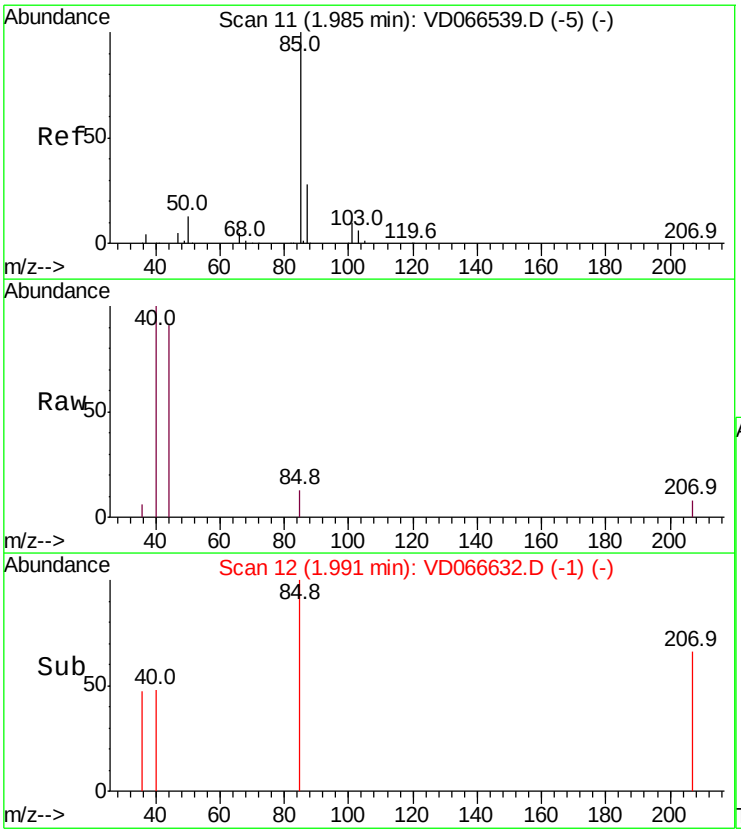
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion:168 Resp: 50353

Ion	Ratio	Lower	Upper
168	100		
99	68.3	50.5	75.7

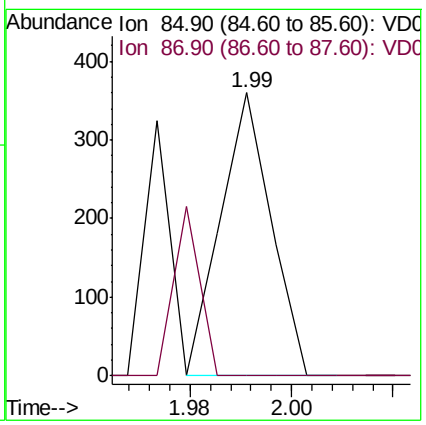


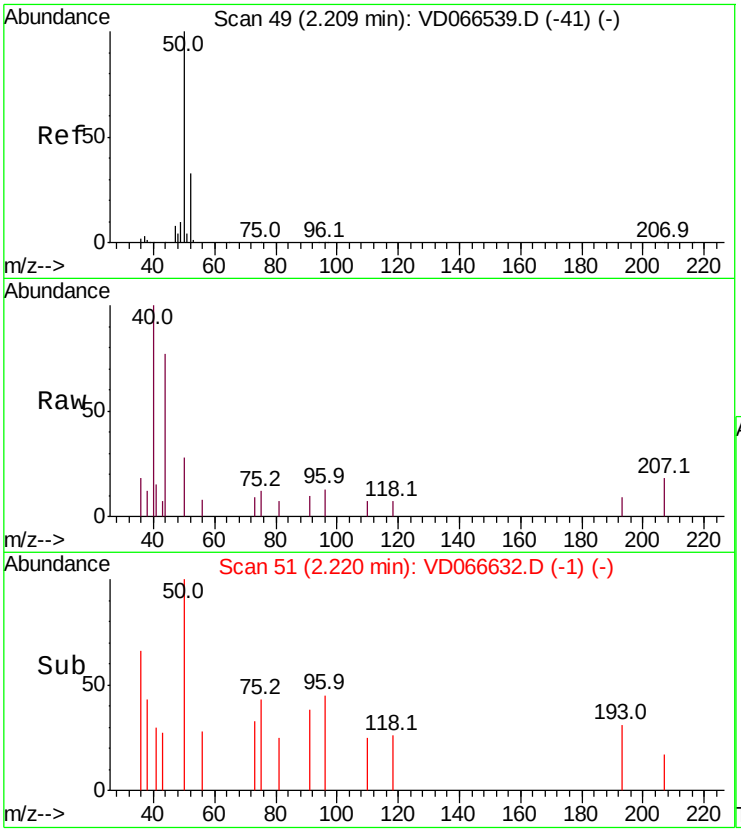


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.99 min Scan# 12
Delta R.T. 0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 85 Resp: 250

Ion	Ratio	Lower	Upper
85	100		
87	0.0	14.2	42.6#



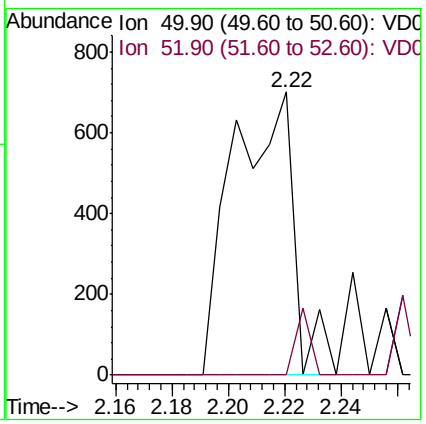


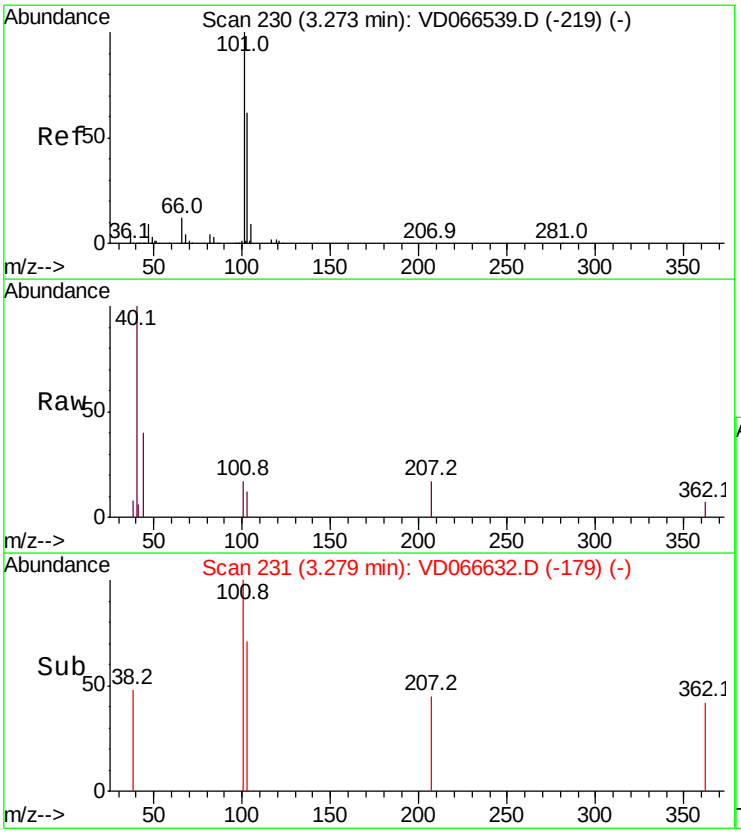
#3
Chloromethane
Concen: 1.660 ug/l
RT: 2.22 min Scan# 51
Delta R.T. 0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion: 50 Resp: 1057

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.2	39.2#

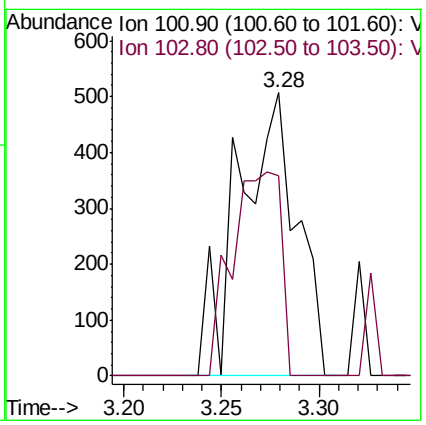


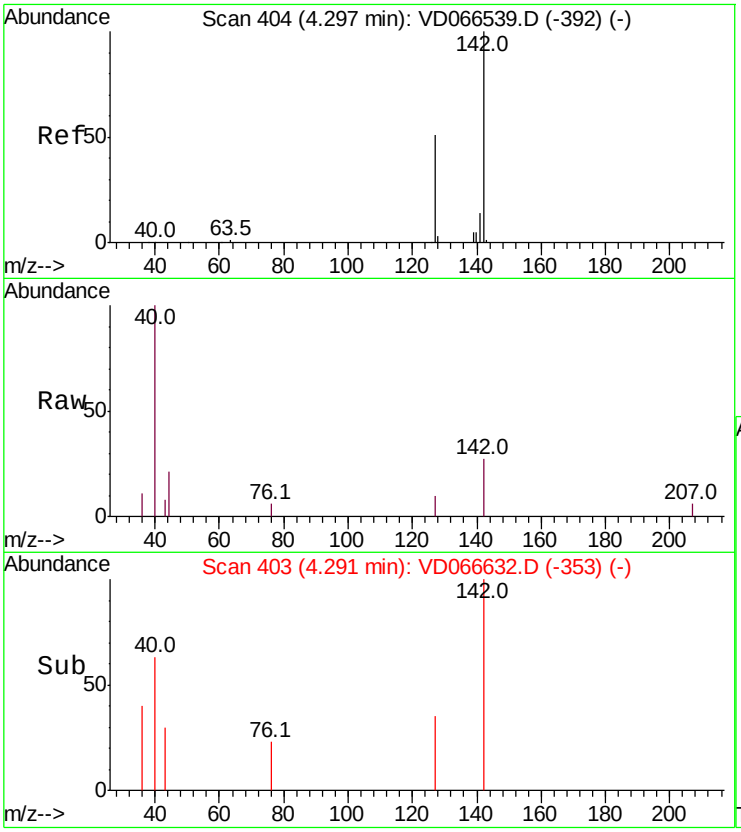


#7
Trichlorofluoromethane
Concen: 1.007 ug/l
RT: 3.28 min Scan# 231
Delta R.T. 0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion:101 Resp: 1051

Ion	Ratio	Lower	Upper
101	100		
103	70.6	49.7	74.5



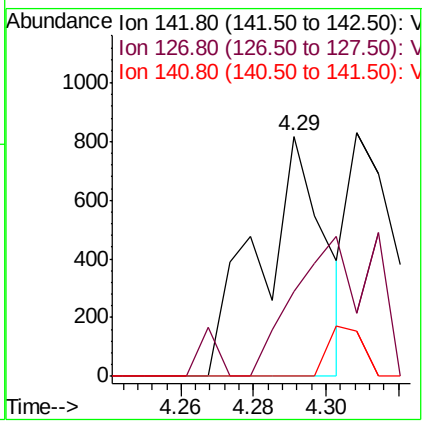


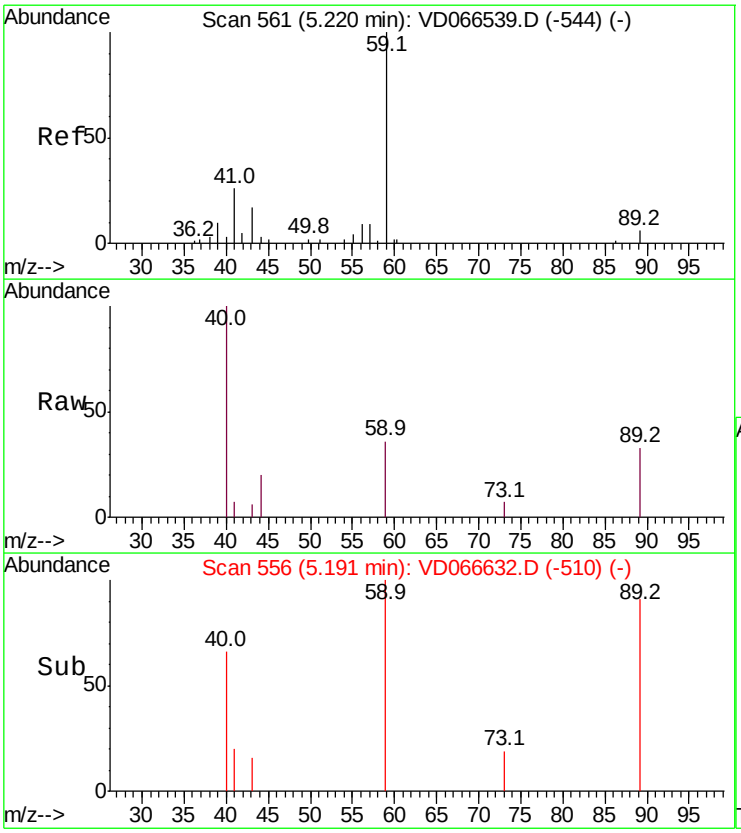
#10
Methyl Iodide
Concen: 5.839 ug/l
RT: 4.29 min Scan# 403
Delta R.T. -0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument : MSVOA_D
ClientSampleId : BSY-SB-01-1.0-2.0

Tgt Ion:142 Resp: 1017

Ion	Ratio	Lower	Upper
142	100		
127	0.0	40.6	61.0#
141	0.0	12.2	18.4#

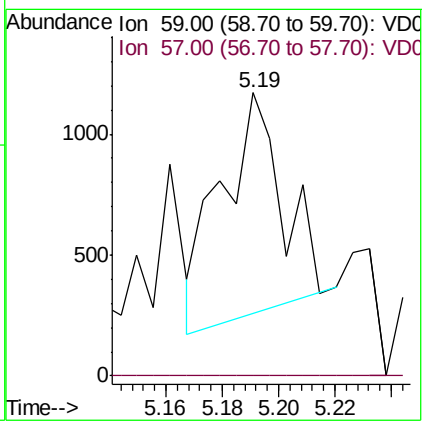


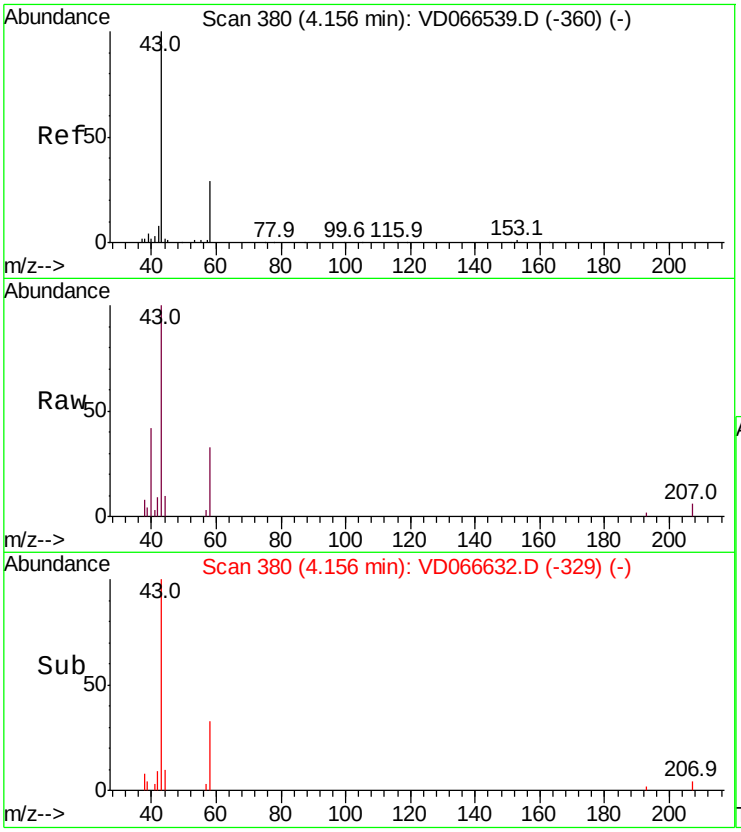


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 59 Resp: 1393

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.6	11.4#



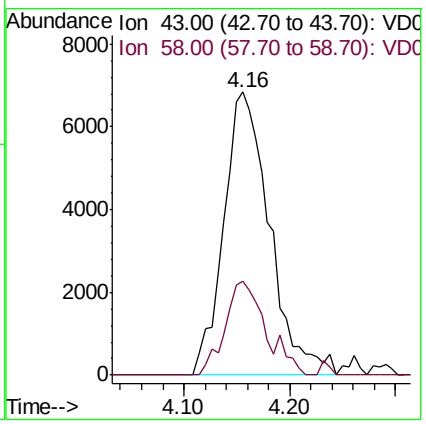


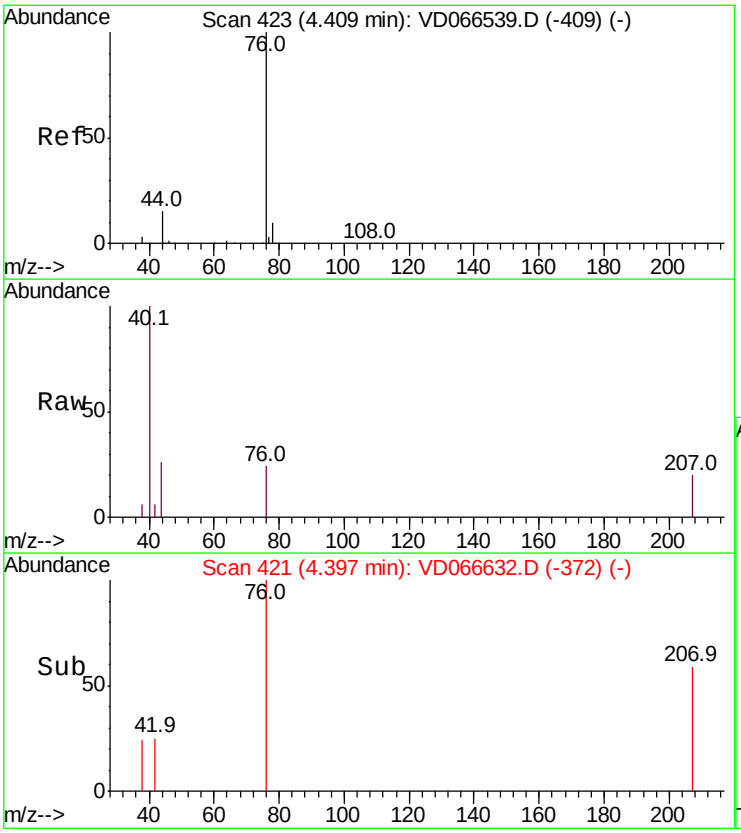
#16
Acetone
Concen: 183.522 ug/l
RT: 4.16 min Scan# 380
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion: 43 Resp: 20572

Ion	Ratio	Lower	Upper
43	100		
58	33.2	22.9	34.3

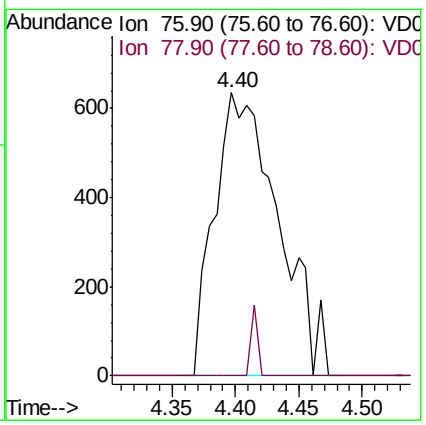


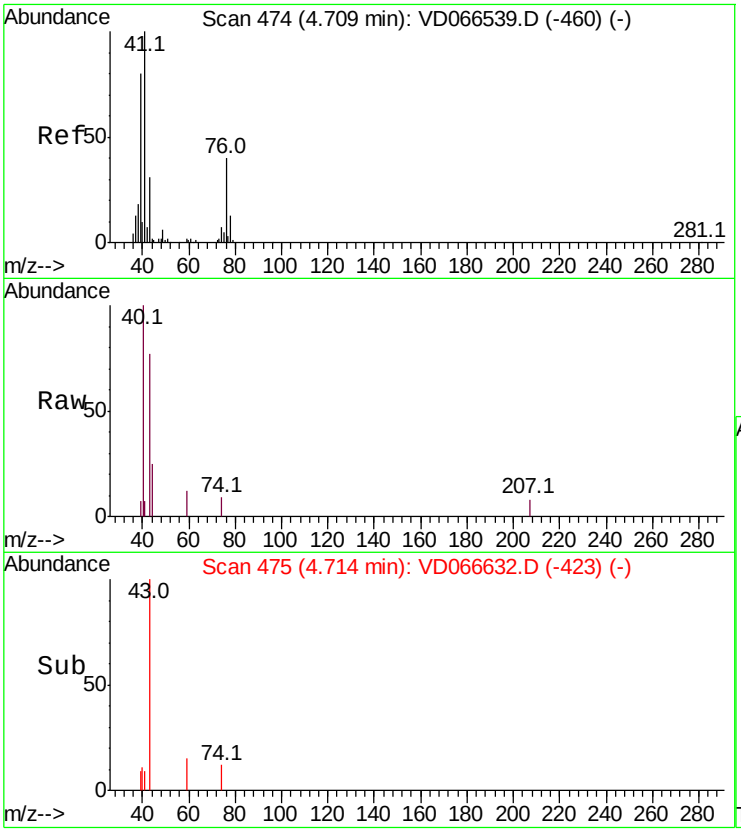


#17
Carbon Disulfide
Concen: 1.336 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 76 Resp: 2228

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#



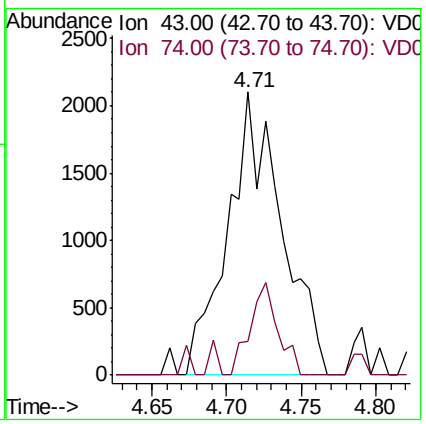


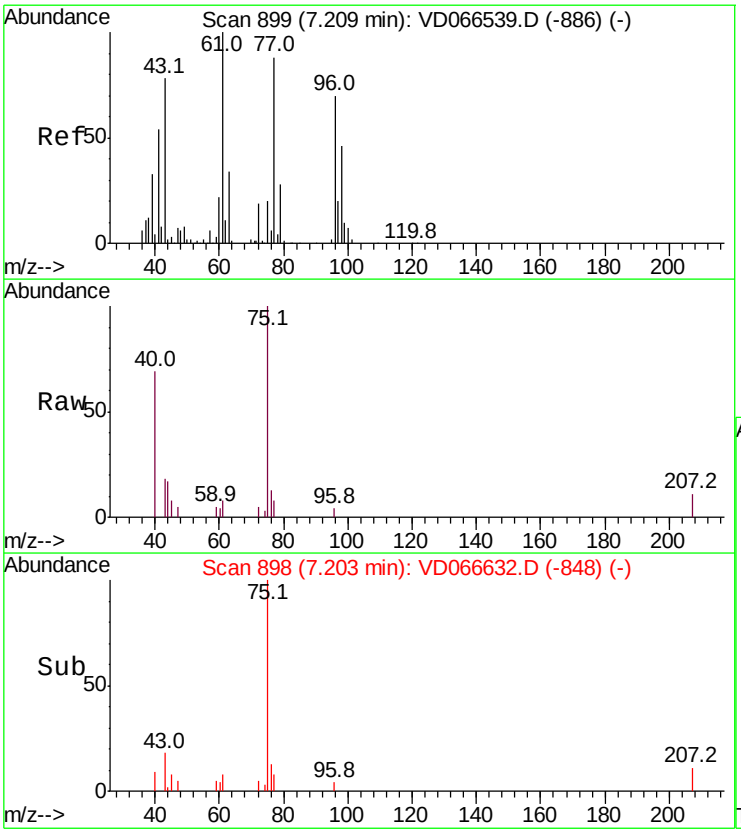
#18
Methyl Acetate
Concen: 19.673 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion: 43 Resp: 5257

Ion	Ratio	Lower	Upper
43	100		
74	17.0	18.0	27.0#

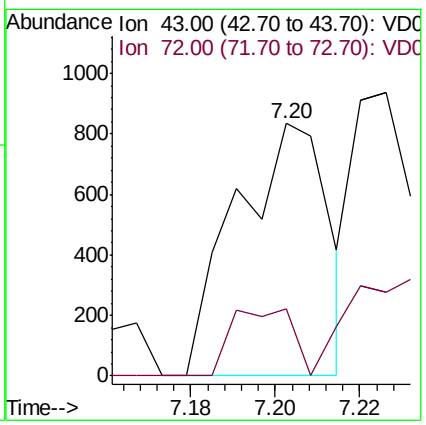


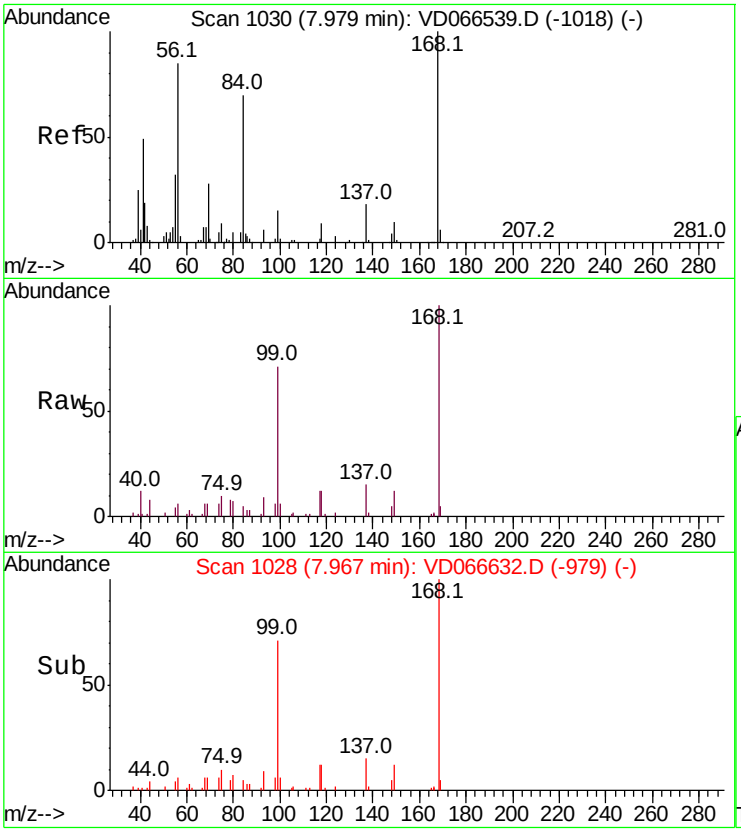


#25
2-Butanone
Concen: 8.413 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 43 Resp: 1266

Ion	Ratio	Lower	Upper
43	100		
72	26.7	19.8	29.6



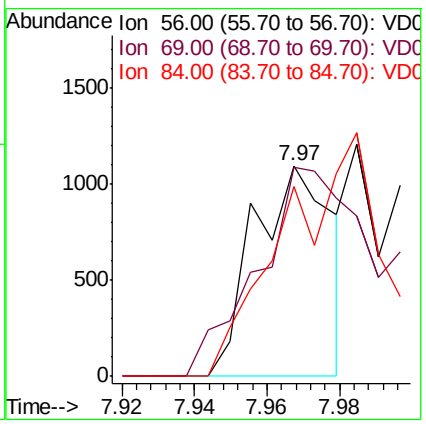


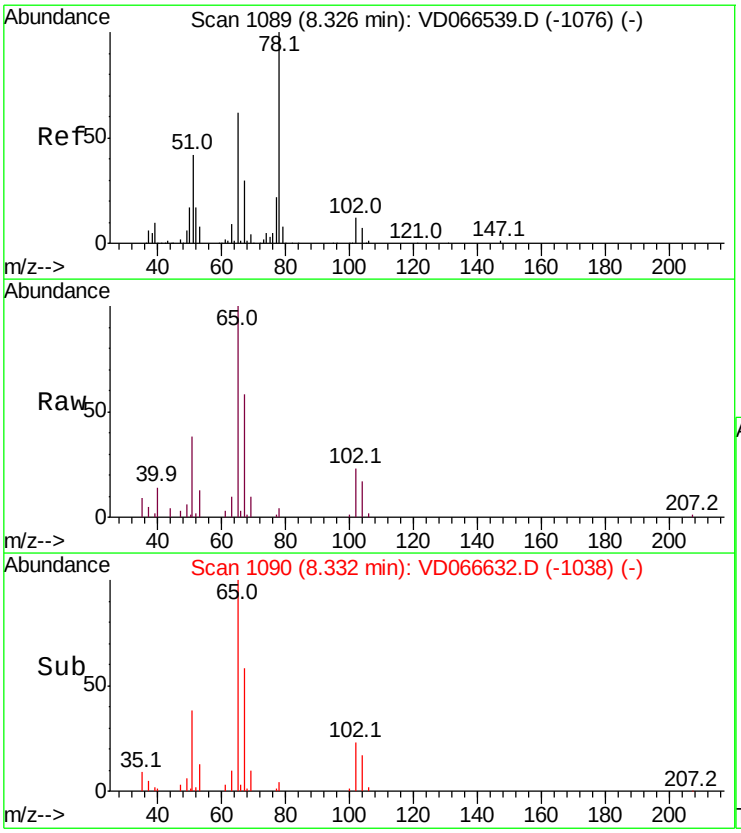
#31
Cyclohexane
Concen: 1.645 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument : MSVOA_D
ClientSampleId : BSY-SB-01-1.0-2.0

Tgt Ion: 56 Resp: 1635

Ion	Ratio	Lower	Upper
56	100		
69	99.0	26.3	39.5#
84	90.0	66.1	99.1

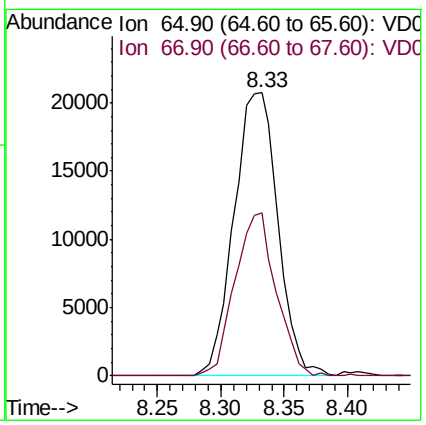


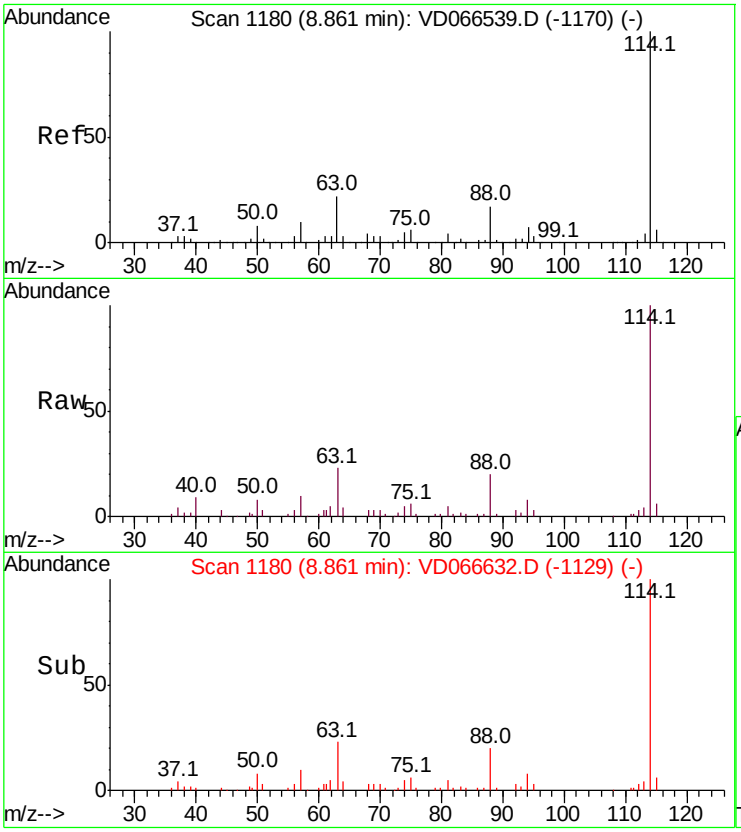


#33
1,2-Dichloroethane-d4
Concen: 82.065 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 65 Resp: 49996

Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	102.8



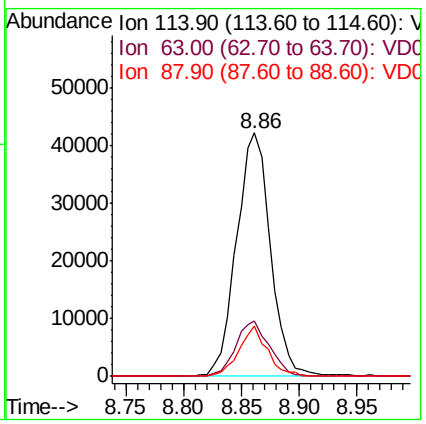


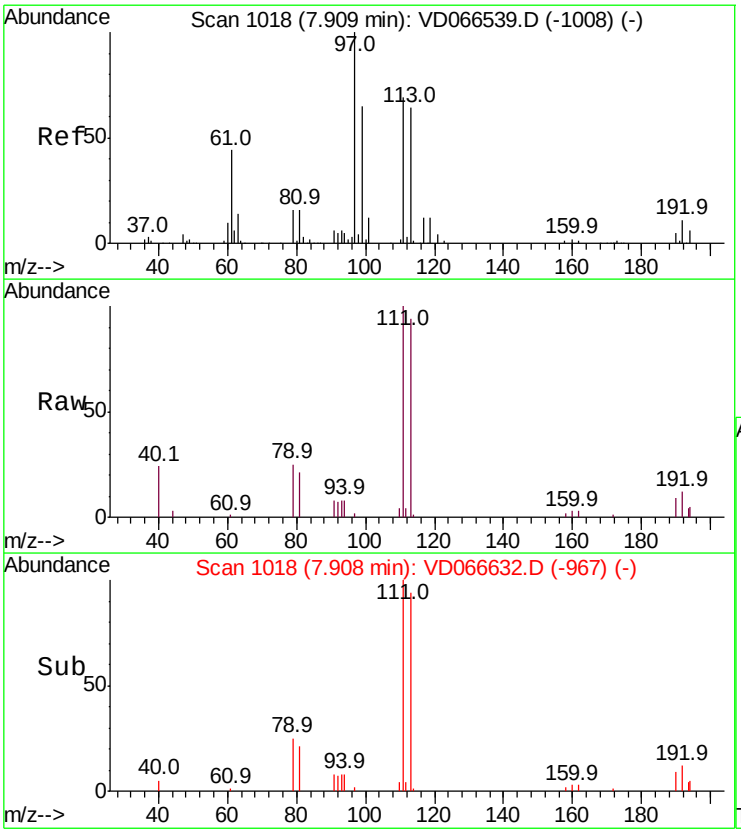
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.86 min Scan# 1180
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion:114 Resp: 86358

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.2
88	20.5	0.0	33.2

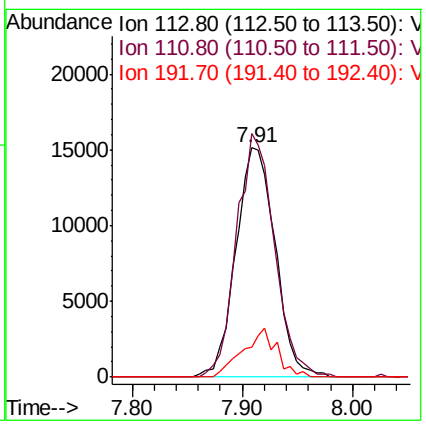


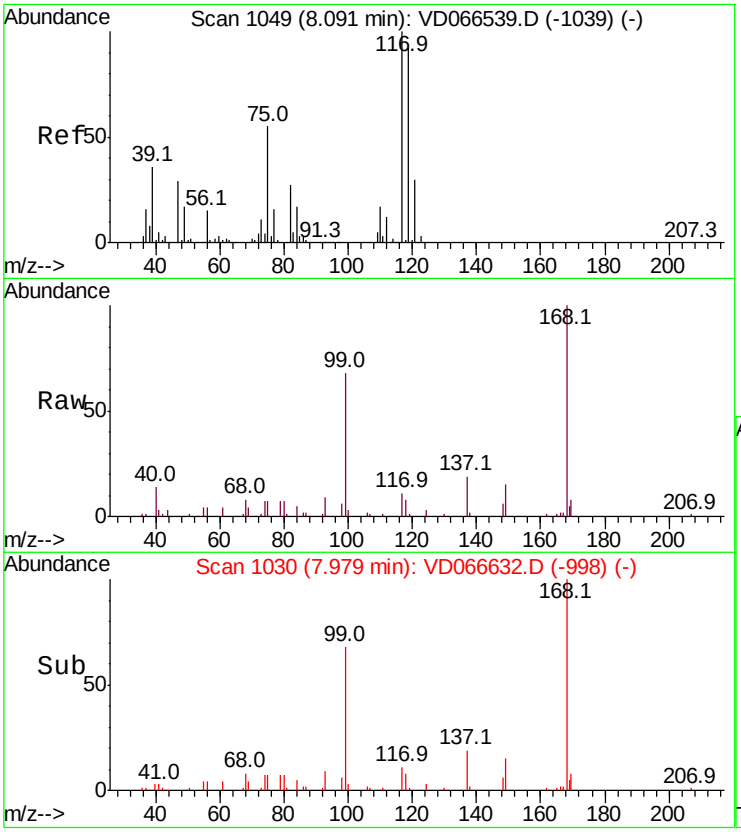


#35
Dibromofluoromethane
Concen: 65.097 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion:113 Resp: 37924

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.2	124.8
192	18.2	13.7	20.5



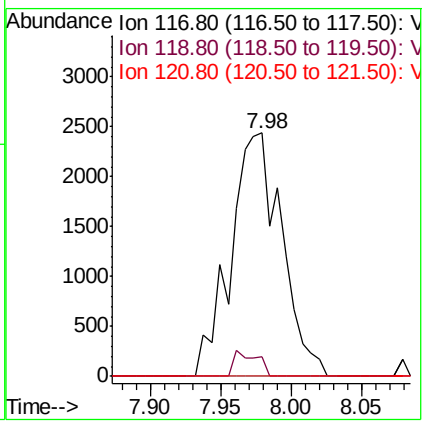


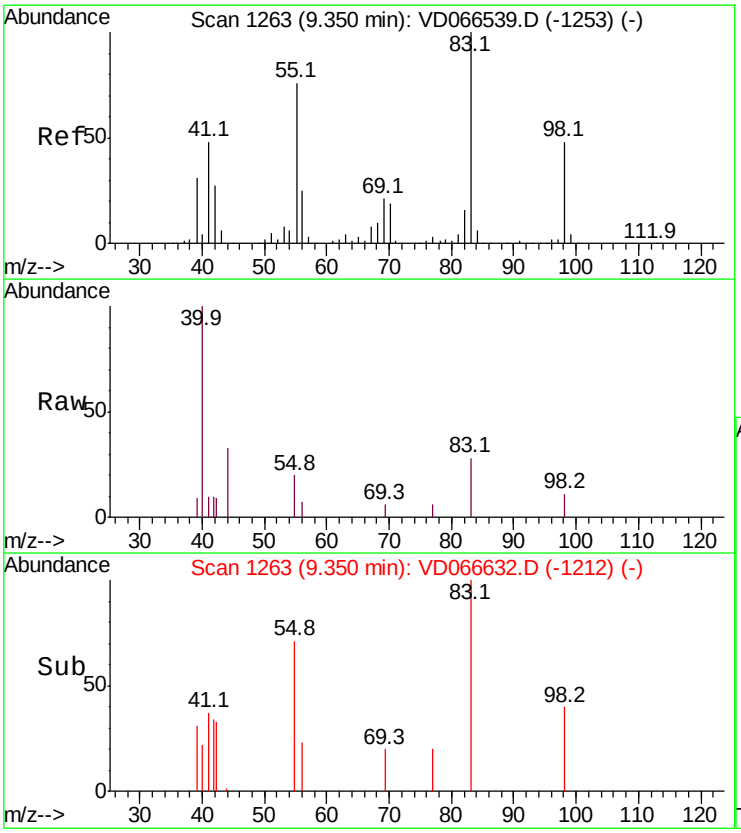
#38
Carbon Tetrachloride
Concen: 6.462 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.11 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument : MSVOA_D
ClientSampleId : BSY-SB-01-1.0-2.0

Tgt Ion:117 Resp: 6139

Ion	Ratio	Lower	Upper
117	100		
119	8.1	73.9	110.9#
121	0.0	24.1	36.1#

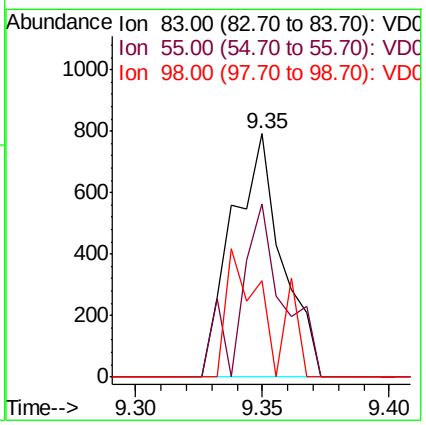


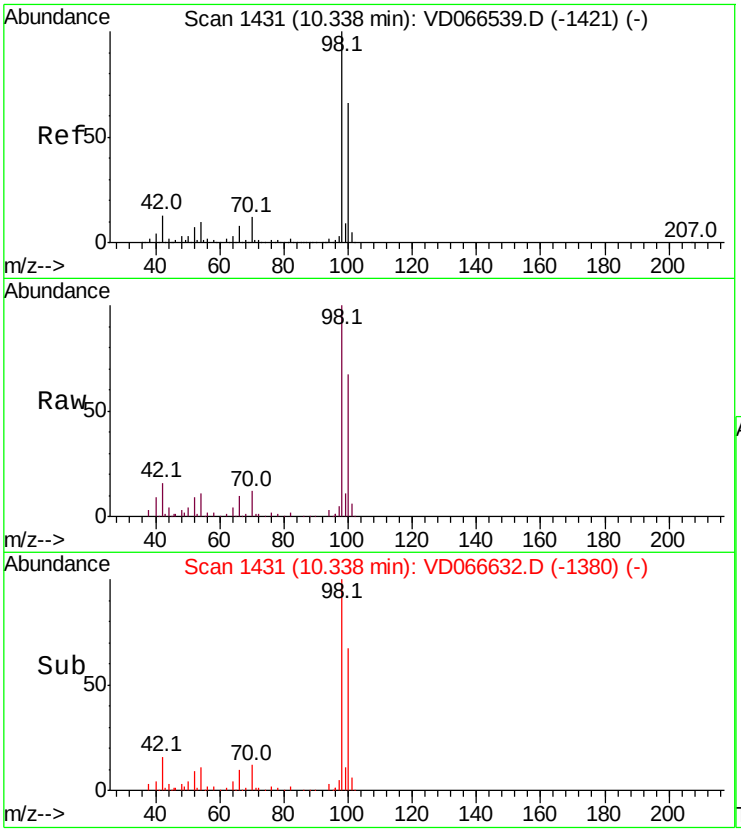


#39
Methylcyclohexane
Concen: 1.083 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 83 Resp: 1087

Ion	Ratio	Lower	Upper
83	100		
55	71.2	60.8	91.2
98	39.6	38.6	58.0



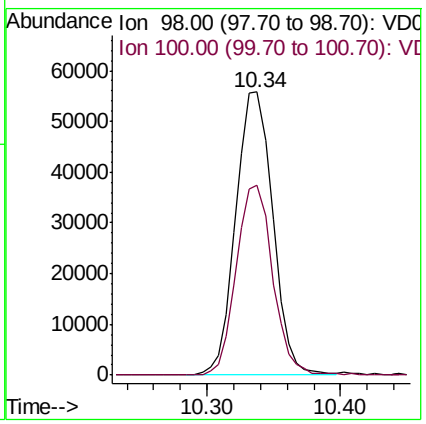


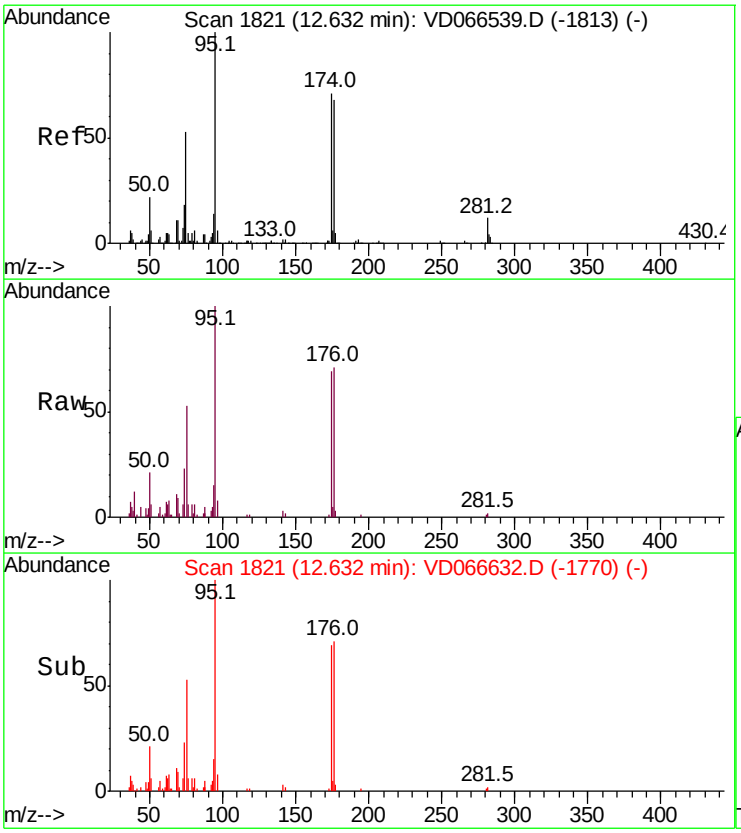
#50
Toluene-d8
Concen: 51.658 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion: 98 Resp: 107564

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

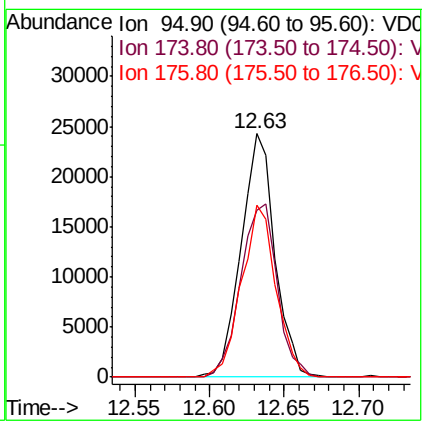


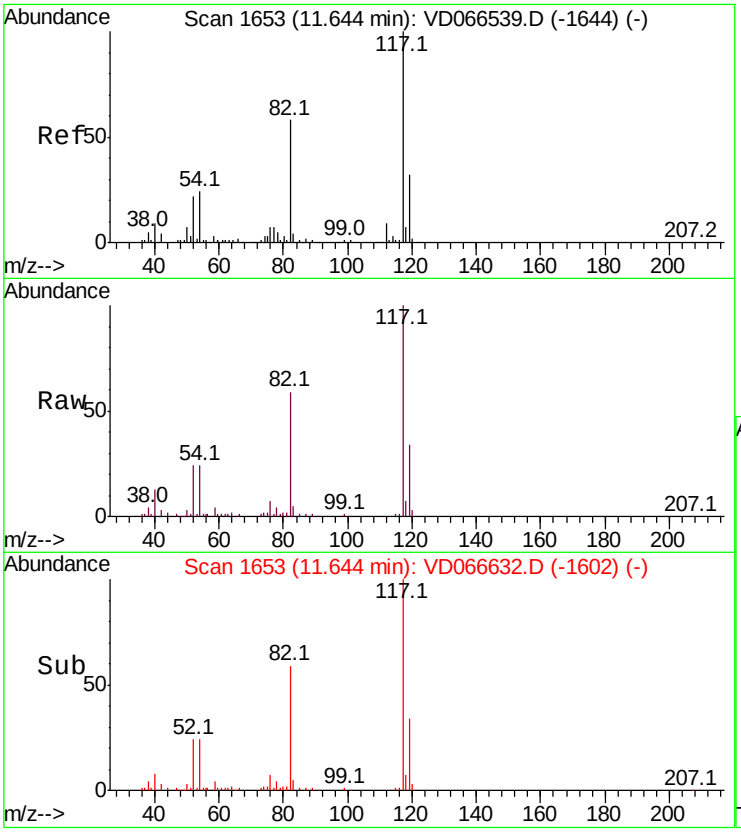


#62
4-Bromofluorobenzene
Concen: 55.040 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 95 Resp: 38002

Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	155.8
176	72.0	0.0	148.6



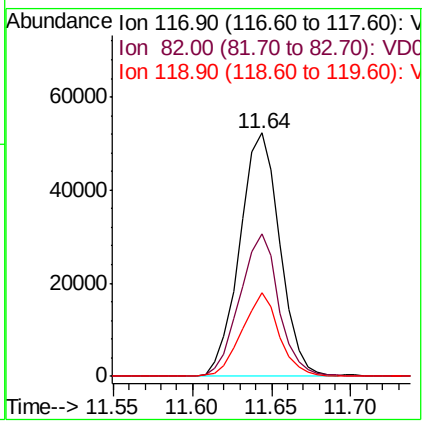


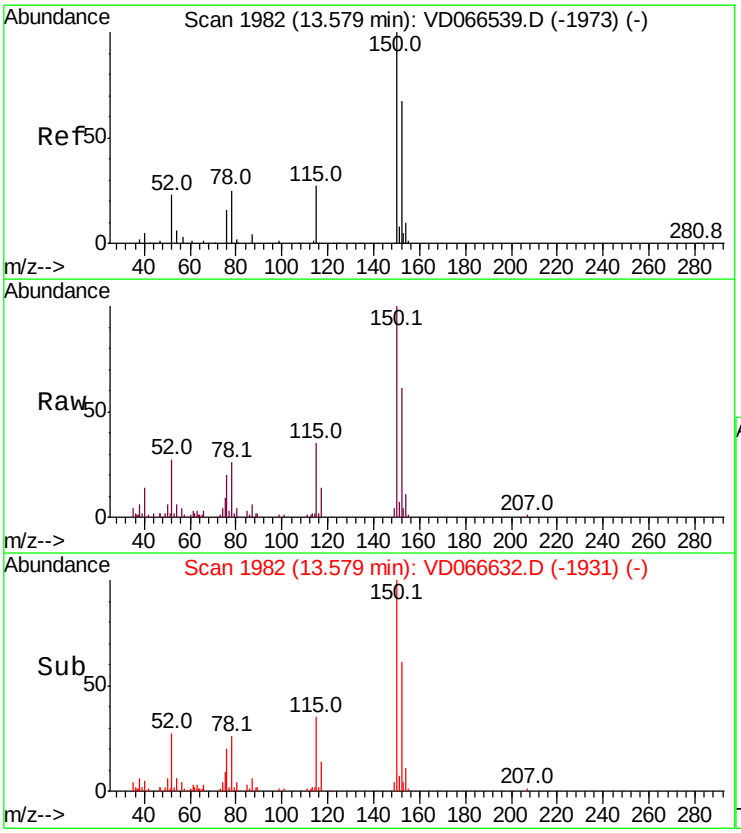
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument : MSVOA_D
ClientSampleId : BSY-SB-01-1.0-2.0

Tgt Ion:117 Resp: 92008

Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.2	69.2
119	34.3	25.8	38.8

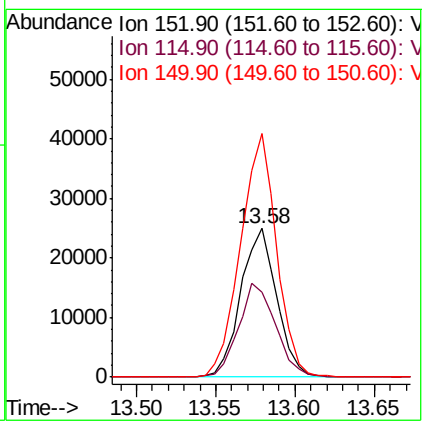


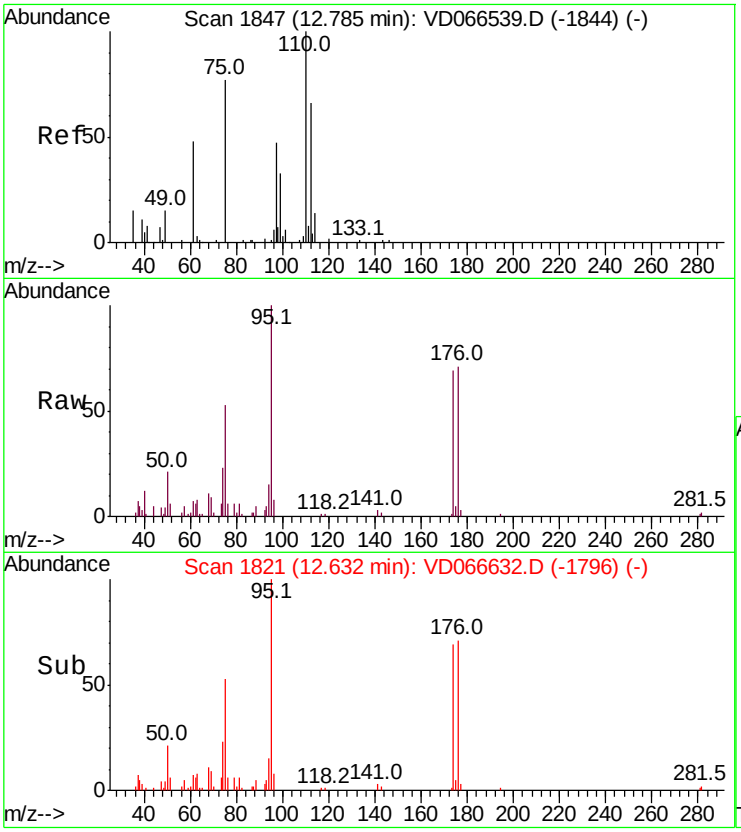


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion:152 Resp: 39277

Ion	Ratio	Lower	Upper
152	100		
115	64.8	30.4	91.2
150	163.6	0.0	345.8



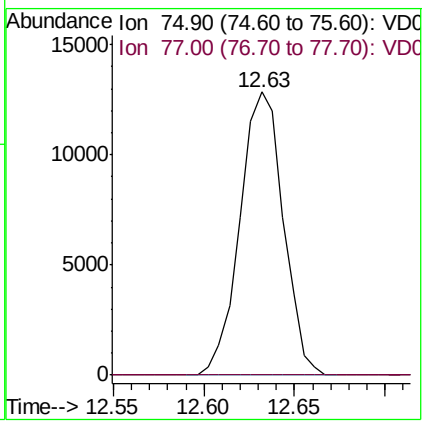


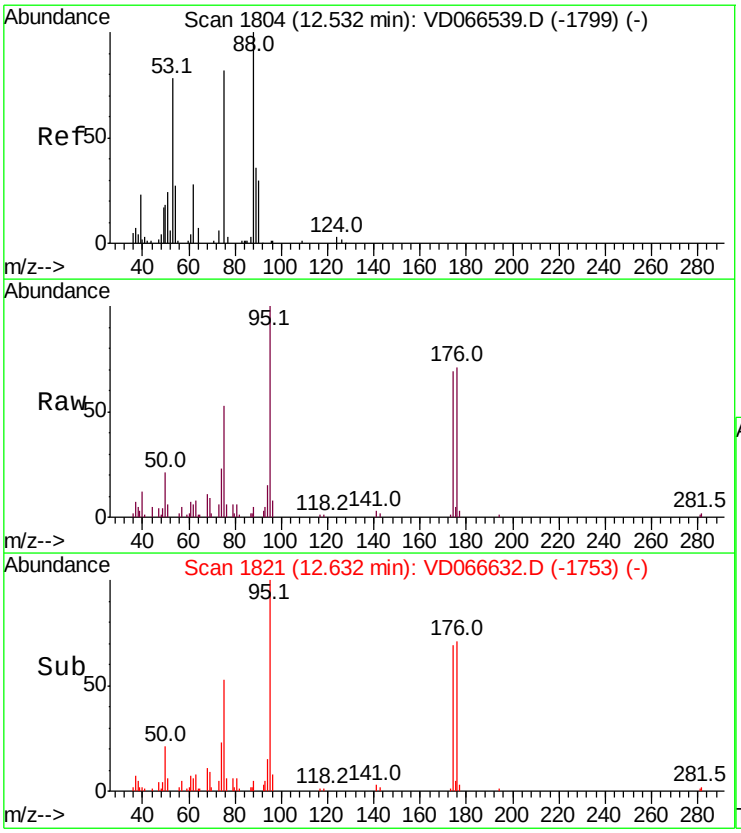
#76
1,2,3-Trichloropropane
Concen: 56.481 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.15 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion: 75 Resp: 21335

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

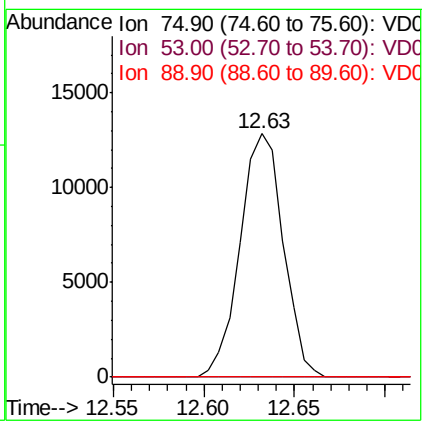


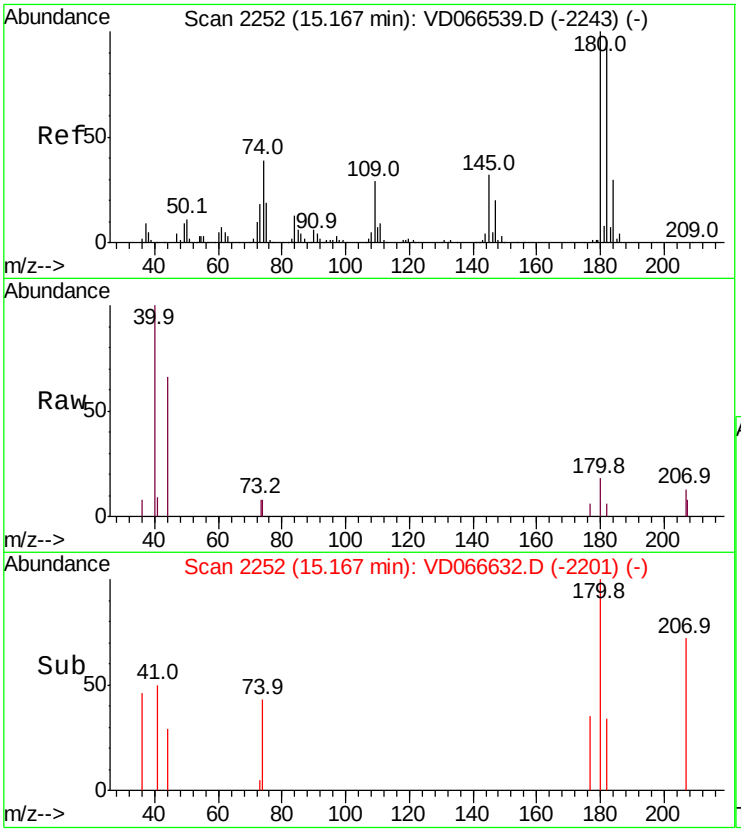


#81
trans-1,4-Dichloro-2-butene
Concen: 131.863 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. 0.10 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion: 75 Resp: 21335

Ion	Ratio	Lower	Upper
75	100		
53	0.0	87.0	130.4#
89	0.0	37.1	55.7#



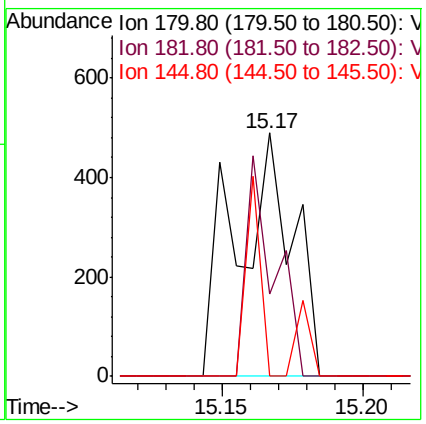


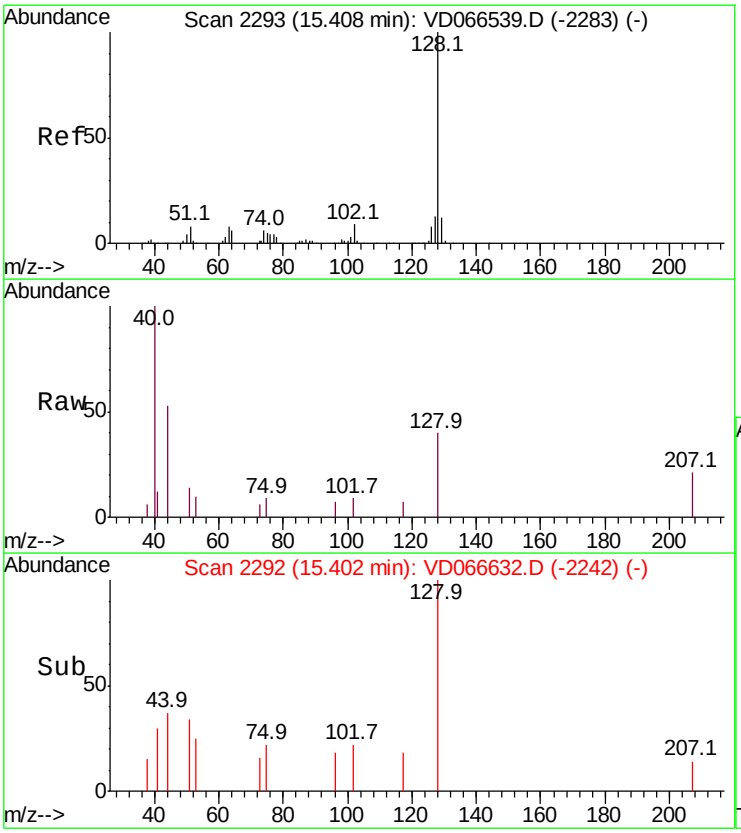
#93
1,2,4-Trichlorobenzene
Concen: 1.010 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion:180 Resp: 682

Ion	Ratio	Lower	Upper
180	100		
182	44.7	48.4	145.0#
145	20.8	16.7	50.0

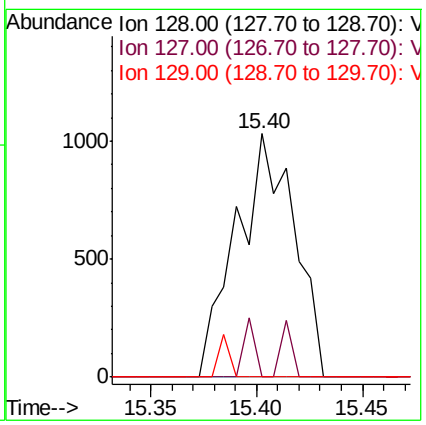


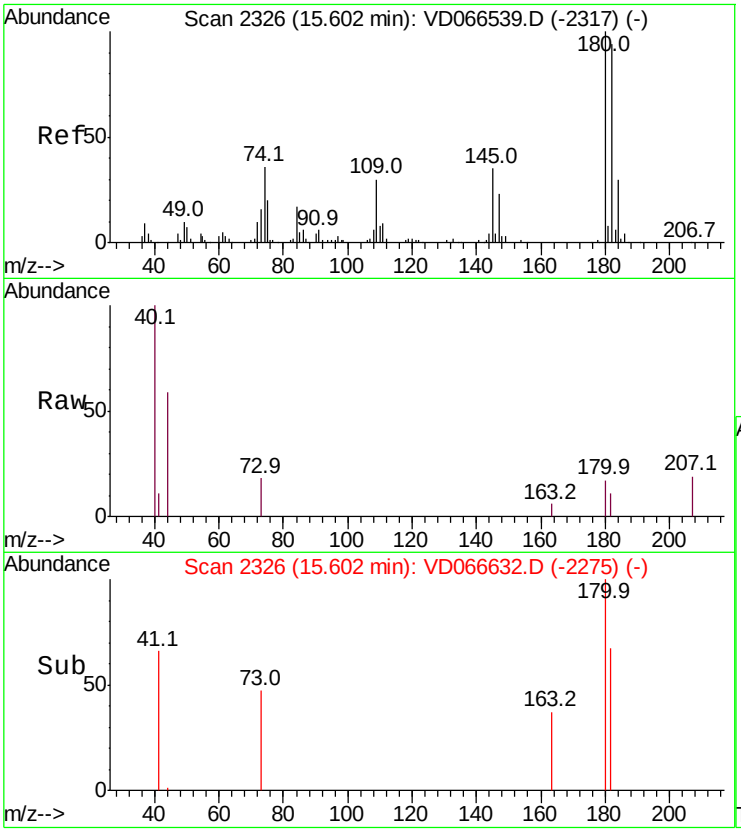


#95
Naphthalene
Concen: 1.666 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.01 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Tgt Ion:128 Resp: 1966

Ion	Ratio	Lower	Upper
128	100		
127	4.5	10.7	16.1#
129	3.3	9.1	13.7#





#96
1,2,3-Trichlorobenzene
Concen: 1.145 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. -0.00 min
Lab File: VD066632.D
Acq: 11 Sep 2020 00:49

Instrument :
MSVOA_D
ClientSampleId :
BSY-SB-01-1.0-2.0

Tgt Ion:180 Resp: 659

Ion	Ratio	Lower	Upper
180	100		
182	62.5	47.9	143.6
145	13.8	17.3	51.7#