Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\

Quantitation Report (Not Reviewed)

Data File : VY001505.D
Acq On : 05 Feb 2020 14:36
Operator : SY/MD
Sample : L1390-05
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : SB-5

Quant Time: Feb 06 06:38:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	9321	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.72	114	18186	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	18087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	8360	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	7494	79.85	ug/l	0.01
Spiked Amount 50.000			Recovery = 159.70%			
35) Dibromofluoromethane	7.76	113	5756	54.89	ug/l	0.02
Spiked Amount 50.000			Recovery = 109.78%			
50) Toluene-d8	10.19	98	22012	55.48	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.96%			
62) 4-Bromofluorobenzene	12.49	95	8680	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.06%			
Target Compounds						Qvalue
3) Chloromethane	2.14	50	153	1.604	ug/l #	41
16) Acetone	3.97	43	1557	57.355	ug/l	96
18) Methyl Acetate	4.52	43	61	1.053	ug/l #	49
20) Methylene Chloride	4.75	84	1118	6.396	ug/l #	85
31) Cyclohexane	7.82	56	214	1.171	ug/l #	1
36) 1,1-Dichloropropene	7.82	75	761	4.574	ug/l #	41
38) Carbon Tetrachloride	7.82	117	1000	6.213	ug/l #	12
51) 4-Methyl-2-Pentanone	10.19	43	122	1.554	ug/l #	1
59) 2-Hexanone	10.84	43	99	1.734	ug/l #	22
68) m/p-Xylenes	11.72	106	335	1.359	ug/l #	60
74) N-amyl acetate	12.16	43	234	1.412	ug/l #	40
76) 1,2,3-Trichloropropane	12.49	75	4356	48.452	ug/l #	100
79) 2-Chlorotoluene	12.67	91	535	1.230	ug/l #	42
81) trans-1,4-Dichloro-2-buten	12.49	75	4356	93.752	ug/l #	16
95) Naphthalene	15.24	128	1262	3.325	ug/l #	87

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

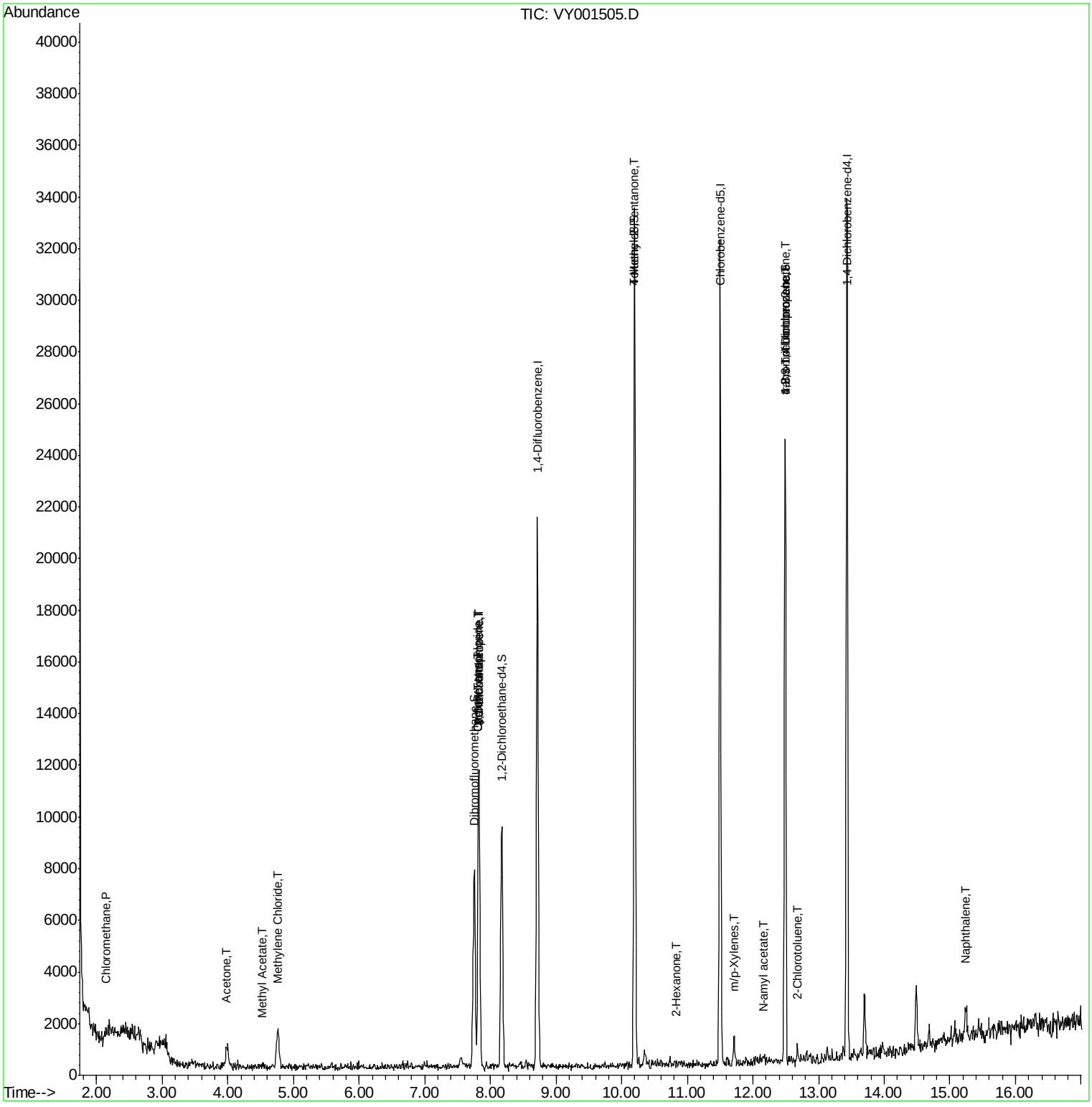
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY020520\

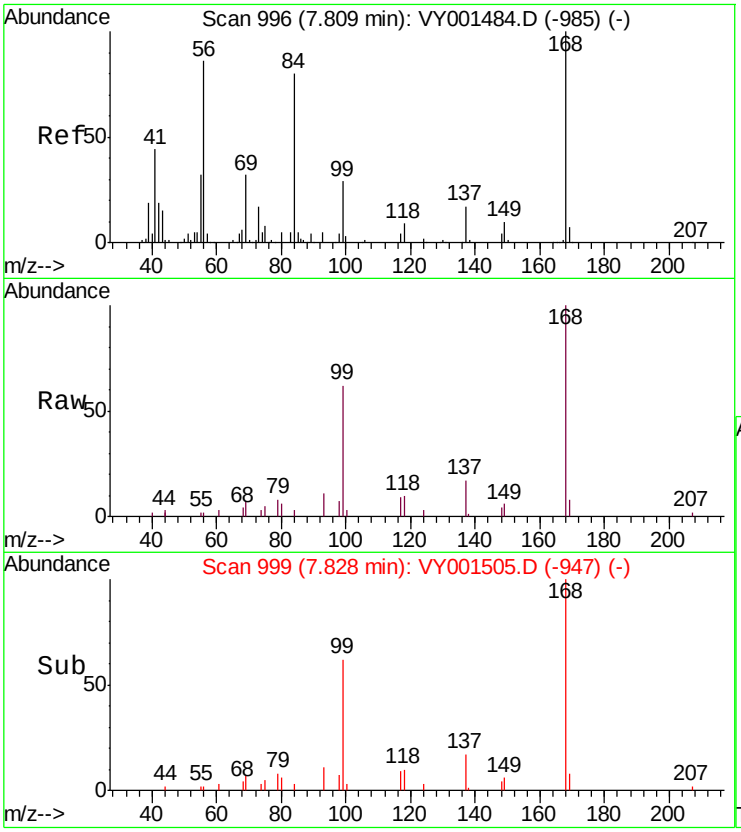
Quantitation Report (Not Reviewed)

Data File : VY001505.D
Acq On : 05 Feb 2020 14:36
Operator : SY/MD
Sample : L1390-05
Misc : 4.99G/5ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Quant Time: Feb 06 06:38:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 15:10:08 2020
Response via : Initial Calibration



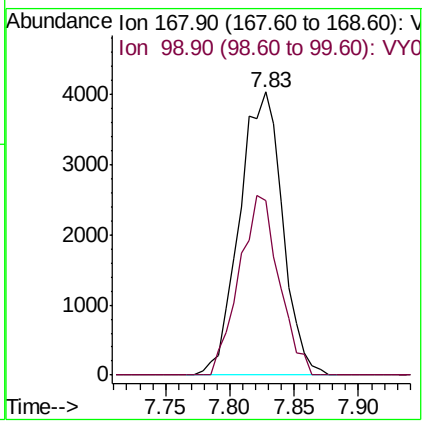


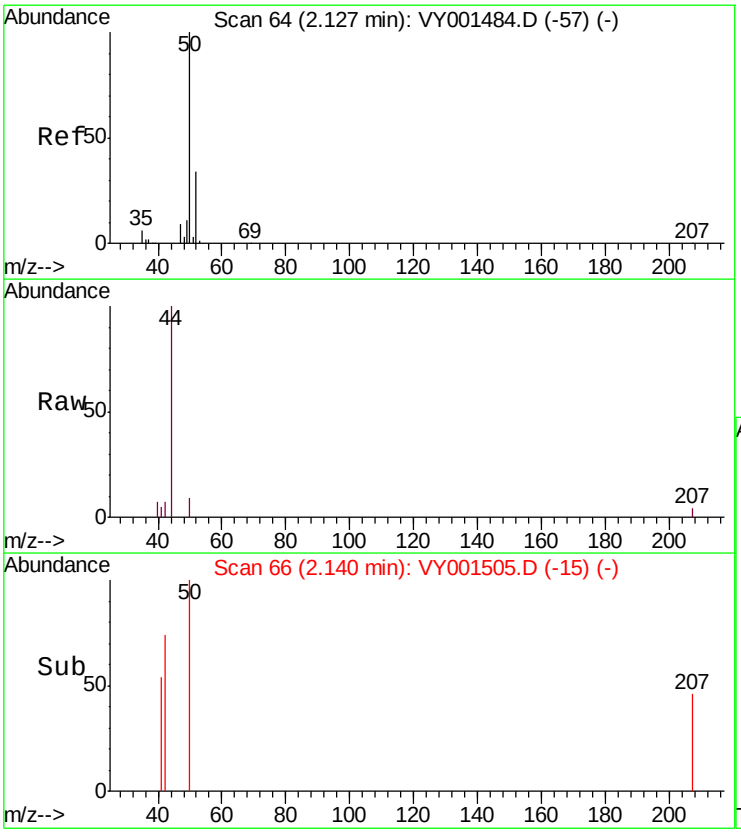
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.83 min Scan# 999
Delta R.T. 0.02 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion:168 Resp: 9321

Ion	Ratio	Lower	Upper
168	100		
99	61.8	48.2	72.4

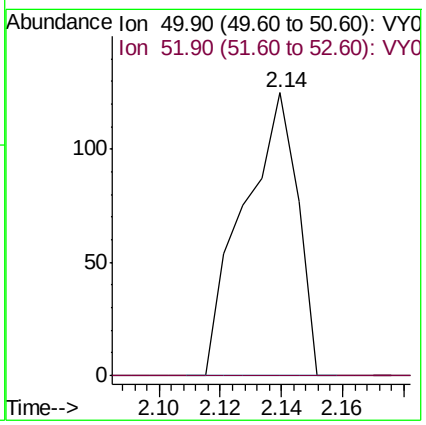


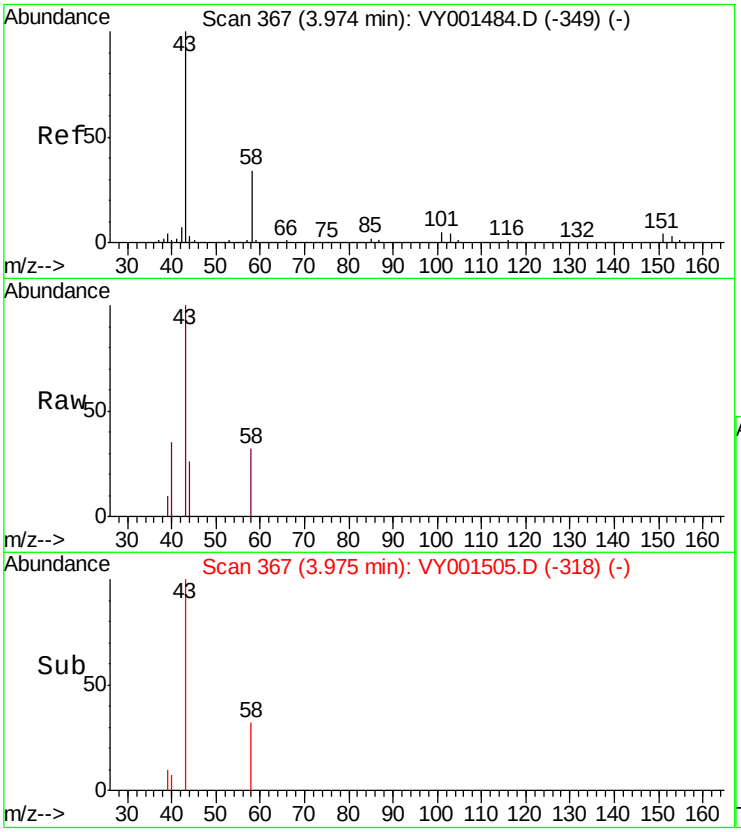


#3
Chloromethane
Concen: 1.604 ug/l
RT: 2.14 min Scan# 66
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 50 Resp: 153

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#



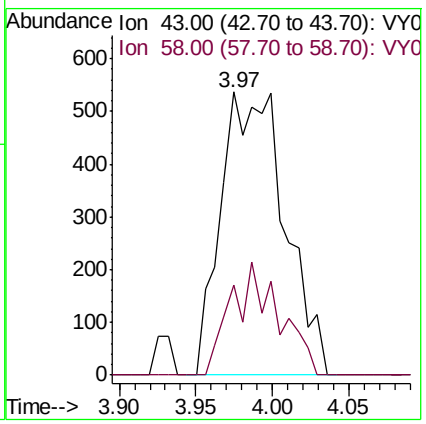


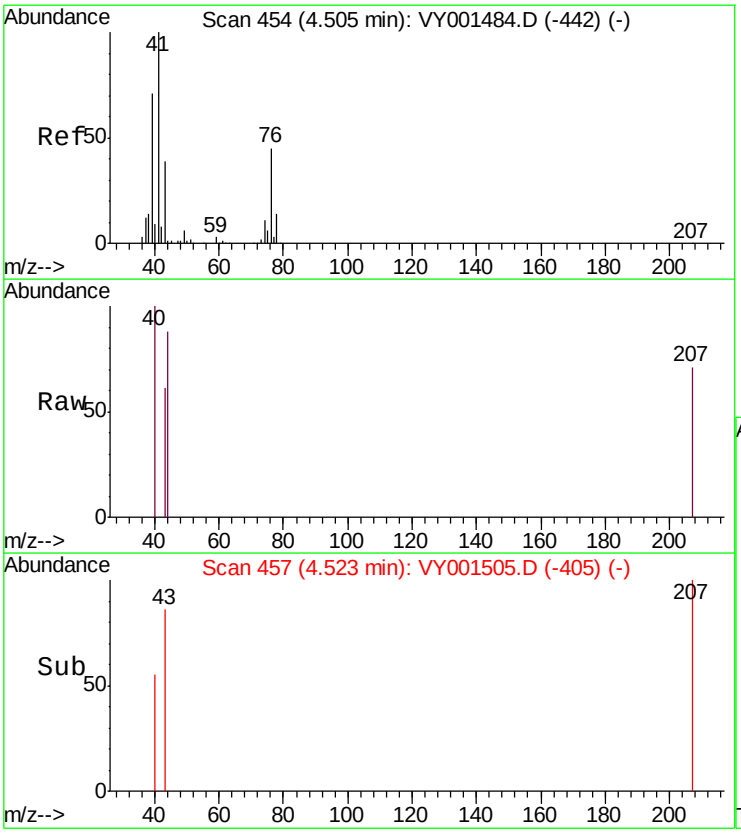
#16
Acetone
Concen: 57.355 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion: 43 Resp: 1557

Ion	Ratio	Lower	Upper
43	100		
58	31.8	27.5	41.3

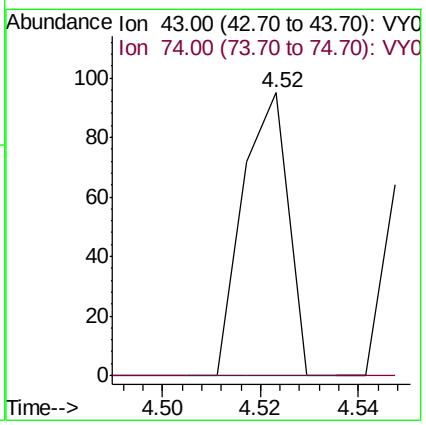


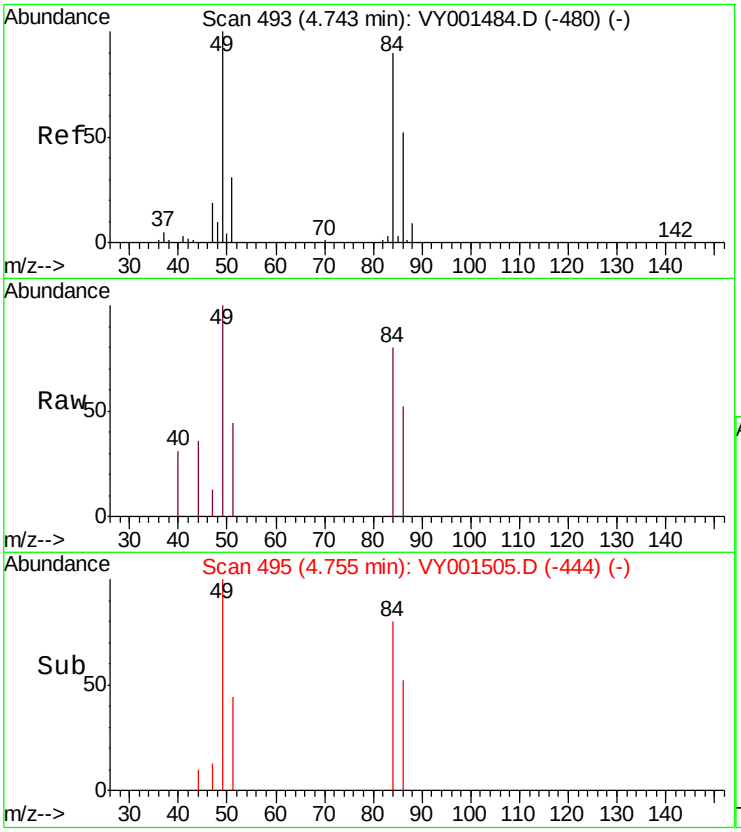


#18
Methyl Acetate
Concen: 1.053 ug/l
RT: 4.52 min Scan# 457
Delta R.T. 0.02 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 43 Resp: 61

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.0	31.6#



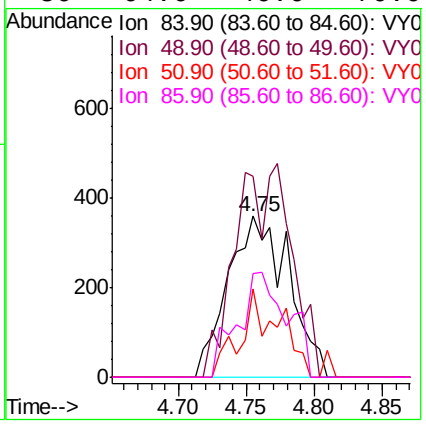


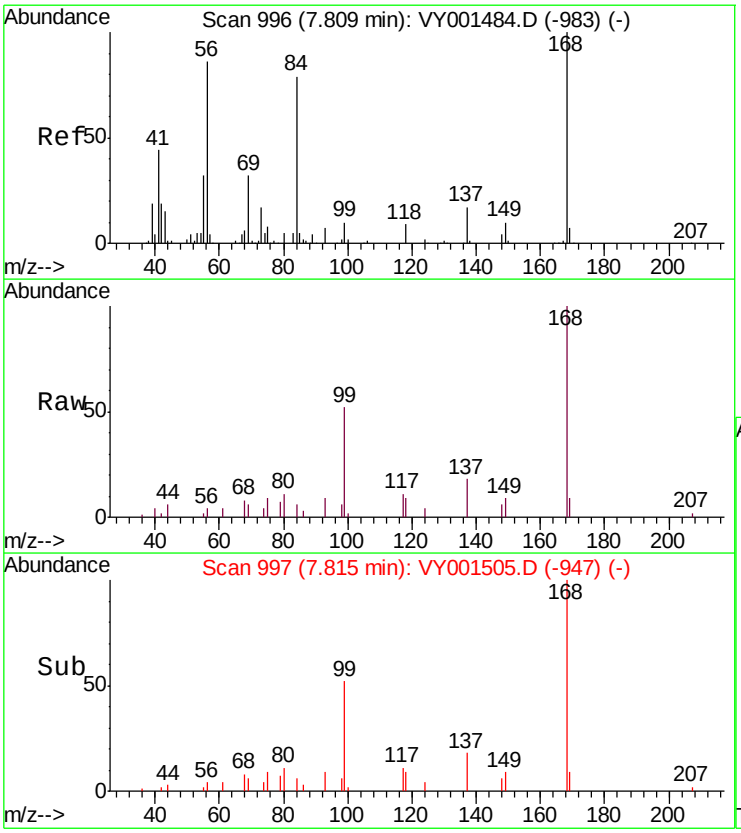
#20
Methylene Chloride
Concen: 6.396 ug/l
RT: 4.75 min Scan# 495
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument : MSVOA_Y
ClientSampleId : SB-5

Tgt Ion: 84 Resp: 1118

Ion	Ratio	Lower	Upper
84	100		
49	124.8	89.0	133.6
51	54.9	27.4	41.2#
86	64.6	46.6	70.0

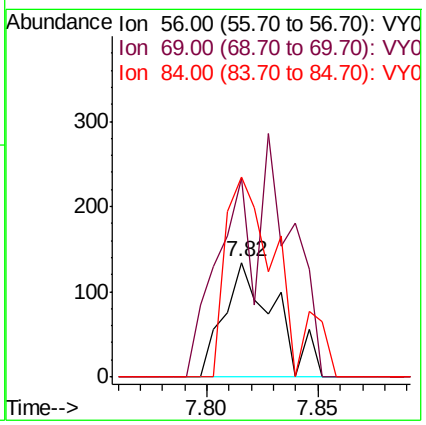


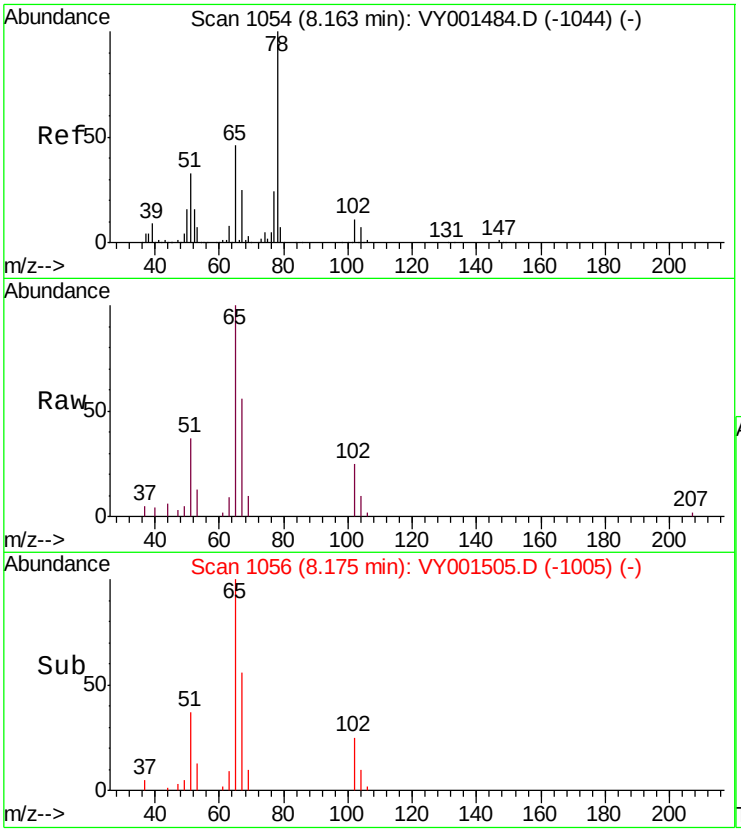


#31
Cyclohexane
Concen: 1.171 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 56 Resp: 214

Ion	Ratio	Lower	Upper
56	100		
69	173.9	29.6	44.4#
84	175.4	73.6	110.4#



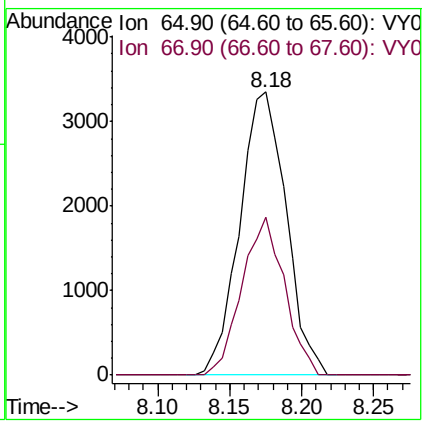


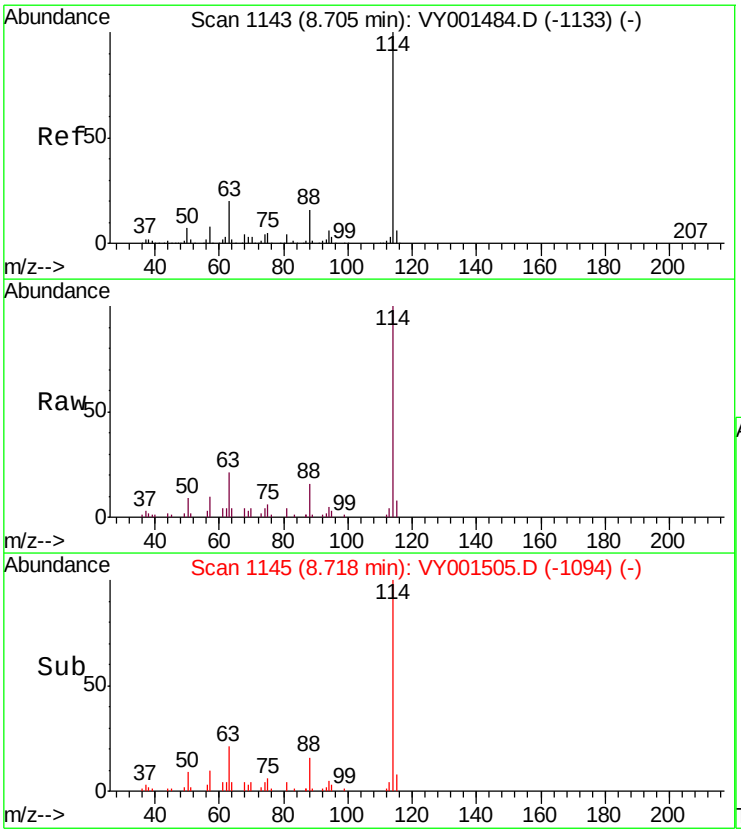
#33
1,2-Dichloroethane-d4
Concen: 79.852 ug/l
RT: 8.18 min Scan# 1056
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument : MSVOA_Y
ClientSampleId : SB-5

Tgt Ion: 65 Resp: 7494

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	108.6

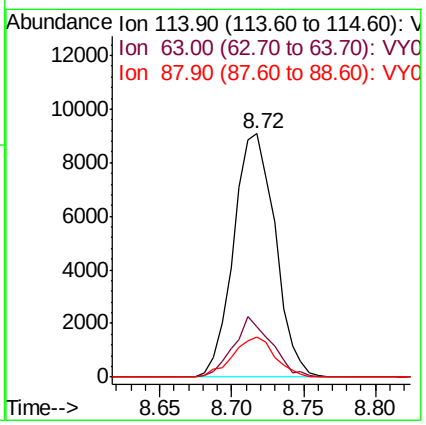


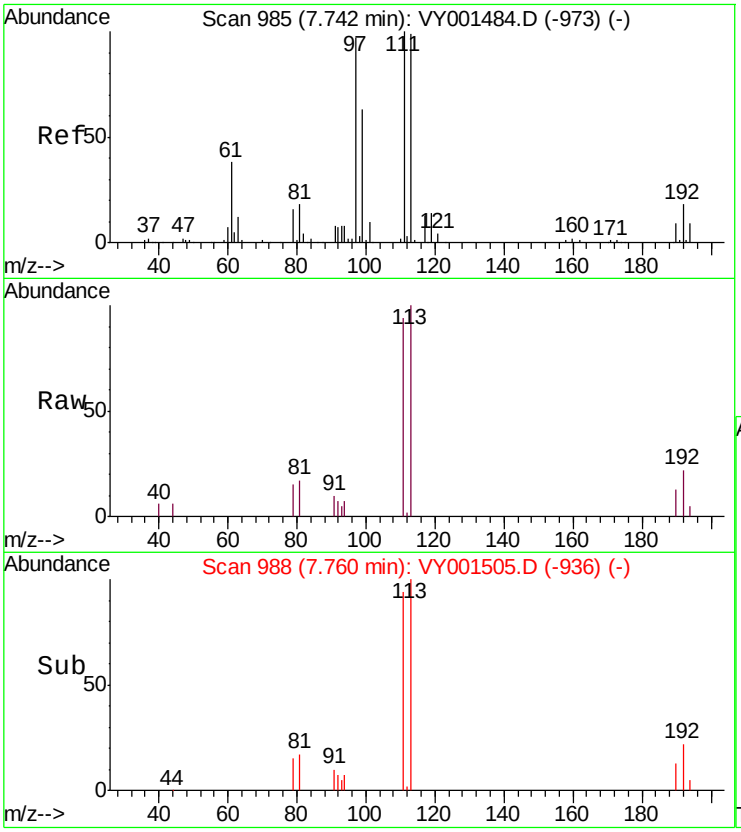


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.72 min Scan# 1145
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion:114 Resp: 18186

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	39.8
88	16.4	0.0	32.6



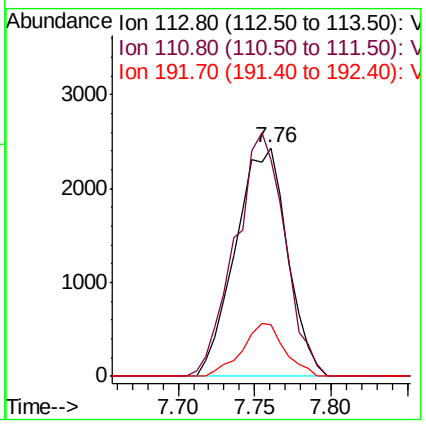


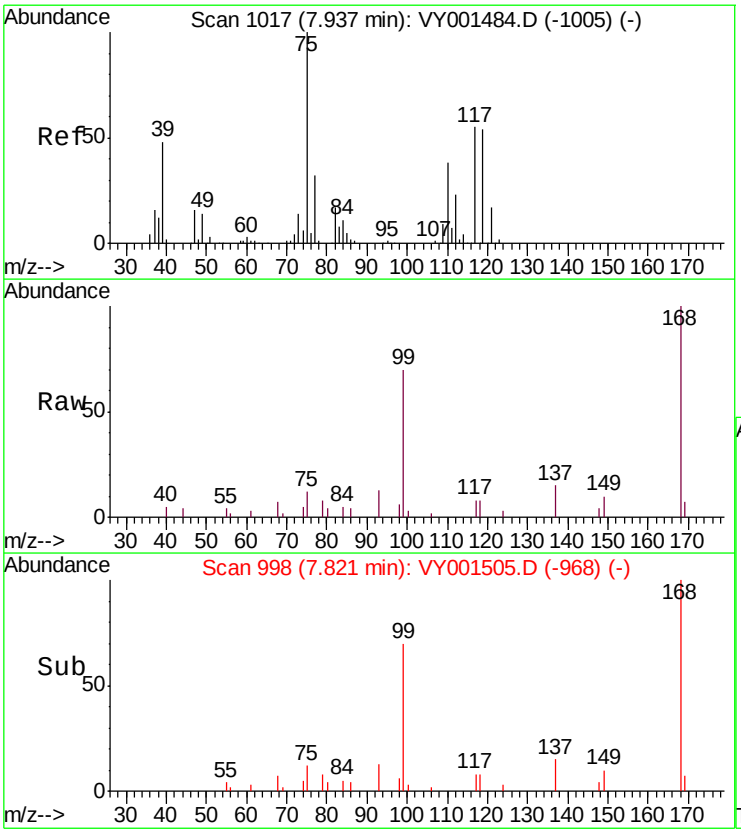
#35
Dibromofluoromethane
Concen: 54.887 ug/l
RT: 7.76 min Scan# 988
Delta R.T. 0.02 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion:113 Resp: 5756

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.9	124.3
192	19.0	14.6	22.0

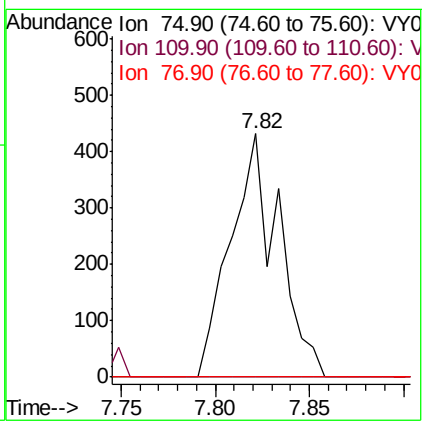


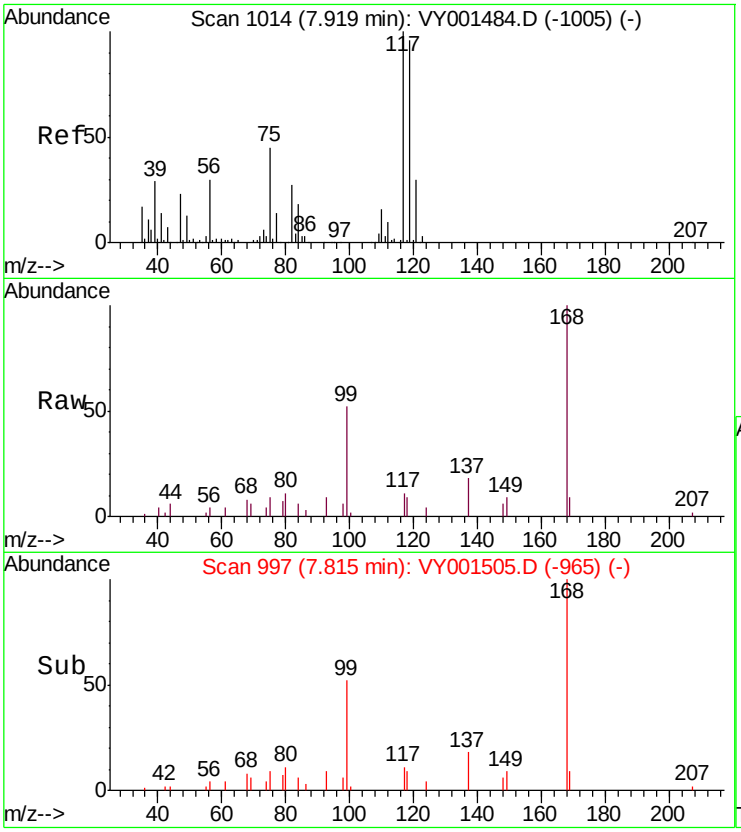


#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.82 min Scan# 998
Delta R.T. -0.12 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 75 Resp: 761

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.2	54.6#
77	0.0	25.0	37.4#



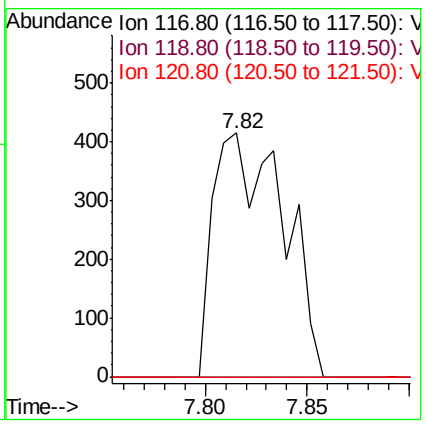


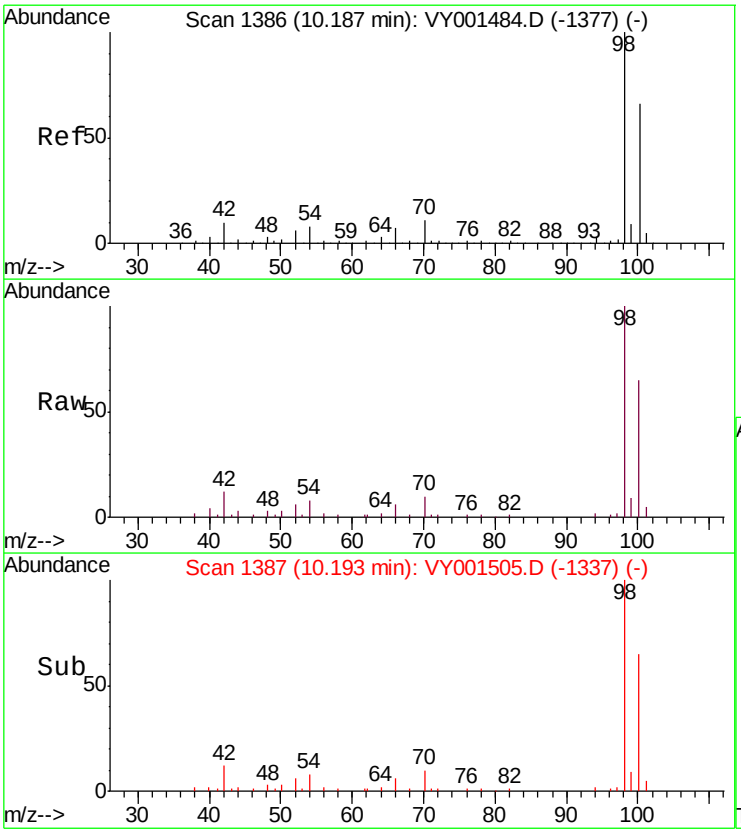
#38
Carbon Tetrachloride
Concen: 6.213 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion:117 Resp: 1000

Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.4	114.6#
121	0.0	24.2	36.4#

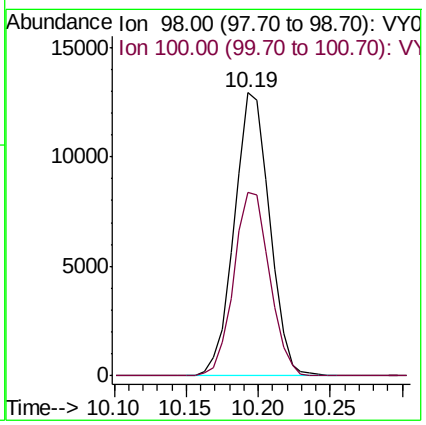


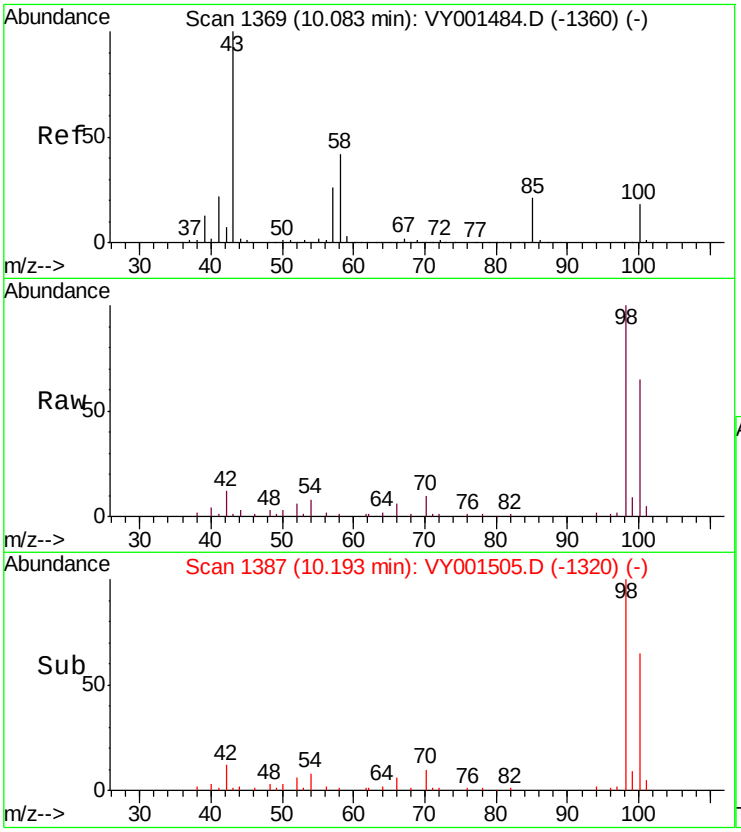


#50
Toluene-d8
Concen: 55.479 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 98 Resp: 22012

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6



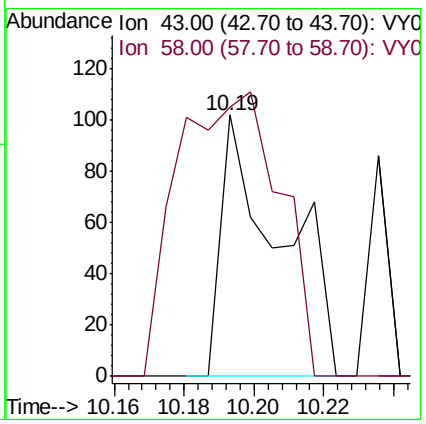


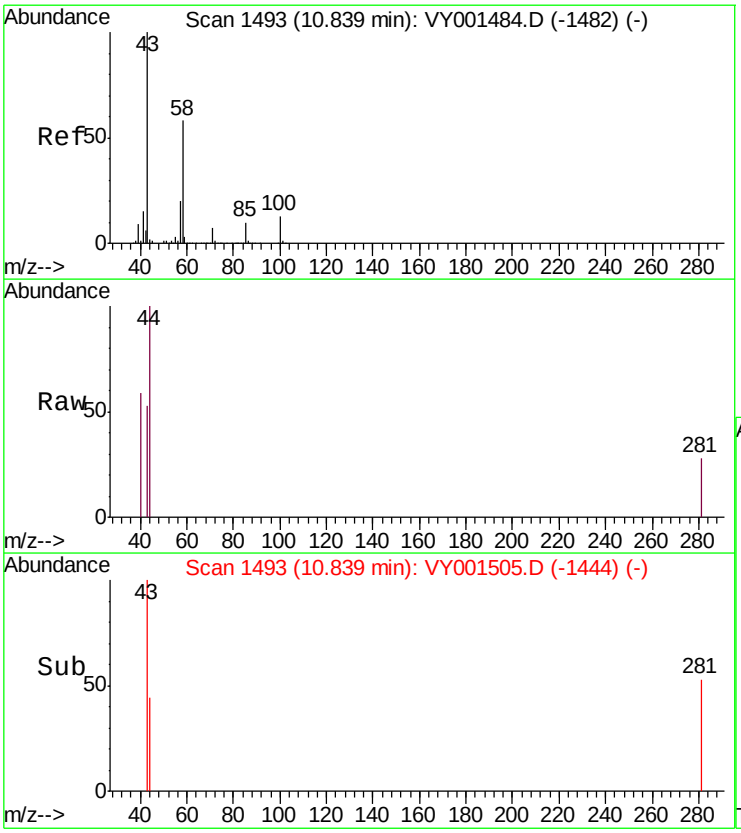
#51
4-Methyl-2-Pentanone
Concen: 1.554 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.11 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument : MSVOA_Y
ClientSampleId : SB-5

Tgt Ion: 43 Resp: 122

Ion	Ratio	Lower	Upper
43	100		
58	186.1	33.9	50.9#

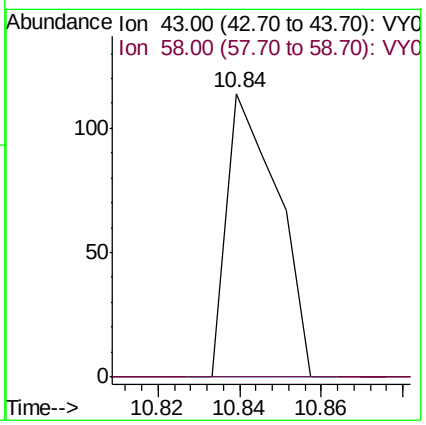


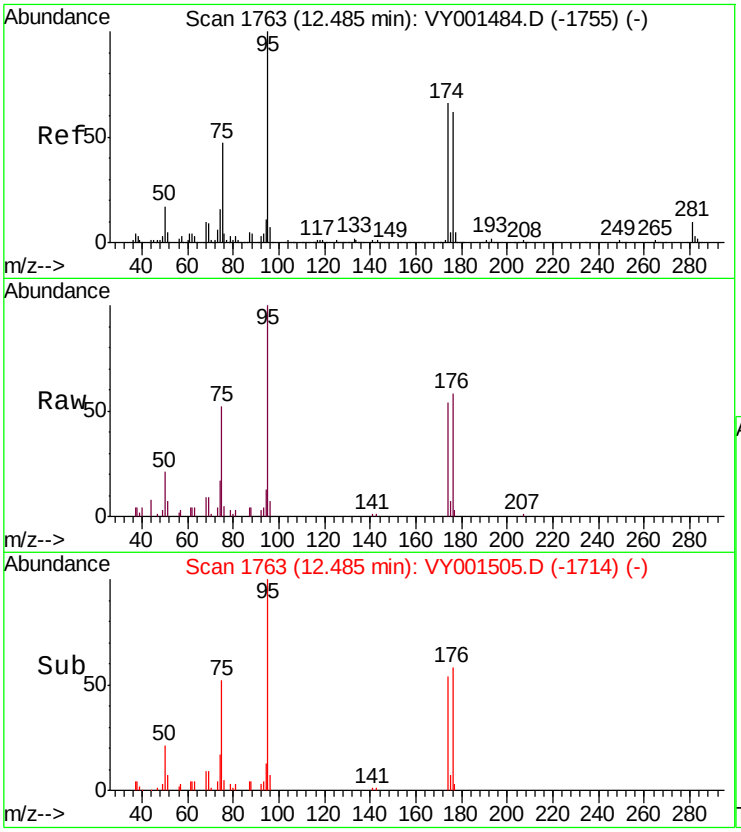


#59
2-Hexanone
Concen: 1.734 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 43 Resp: 99

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.0	87.0#



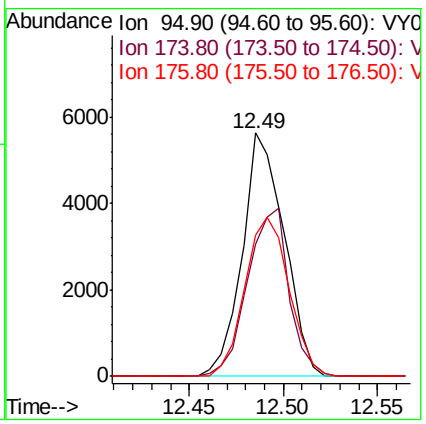


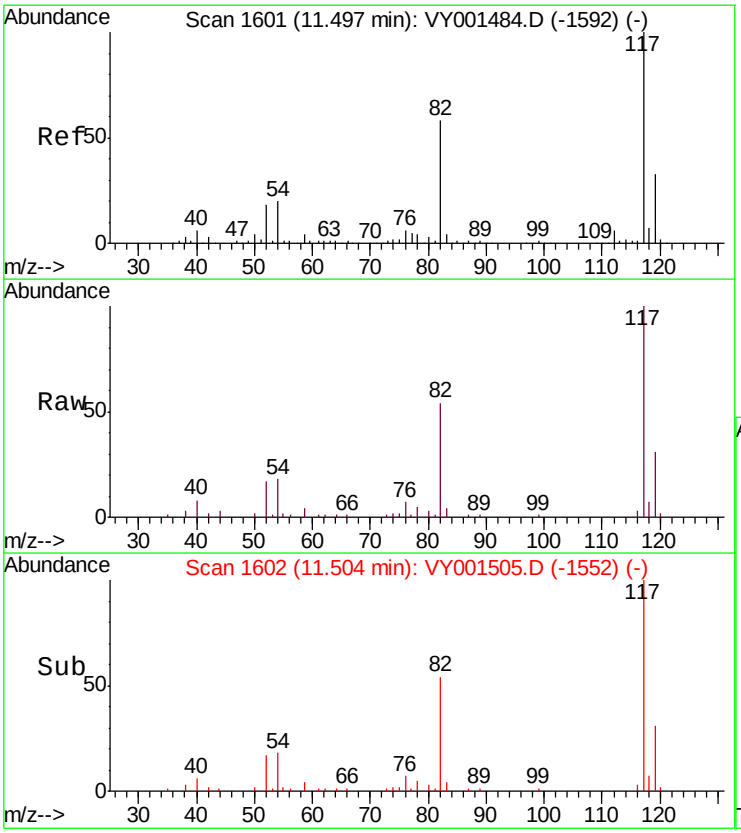
#62
4-Bromofluorobenzene
Concen: 55.533 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion: 95 Resp: 8680

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	141.4
176	68.8	0.0	135.4

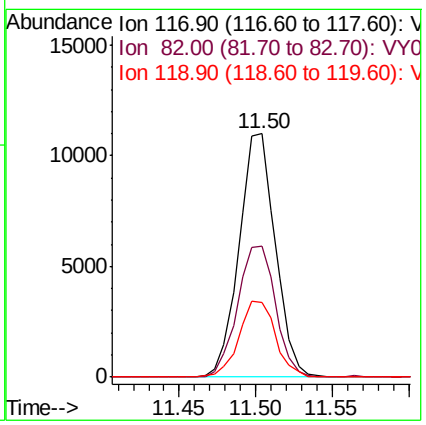


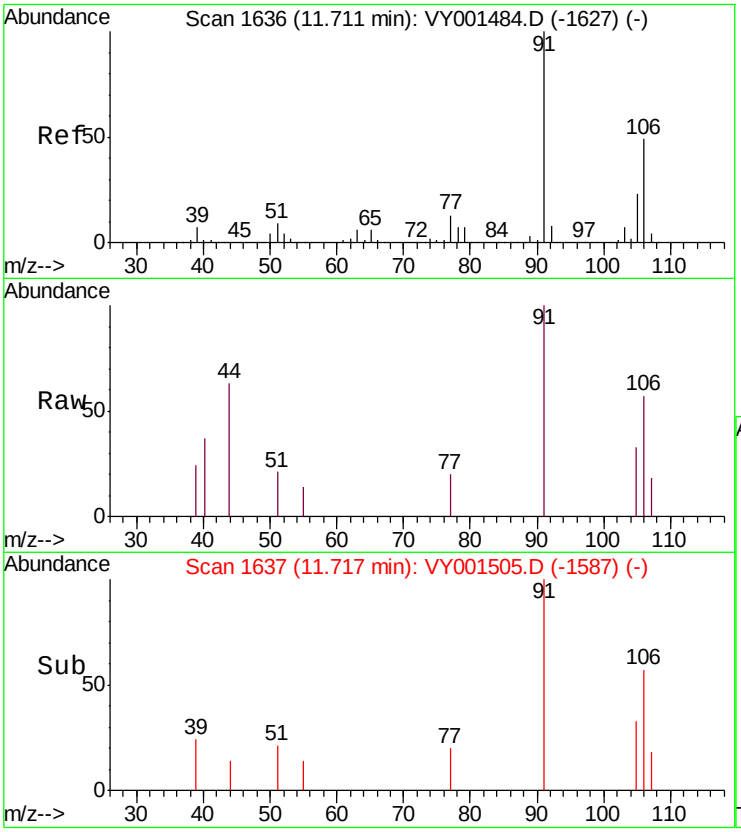


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion:117 Resp: 18087

Ion	Ratio	Lower	Upper
117	100		
82	53.9	46.1	69.1
119	30.6	26.1	39.1



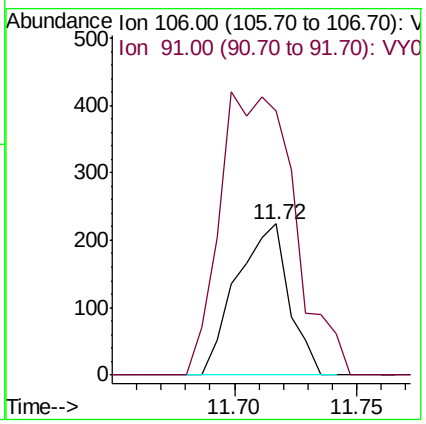


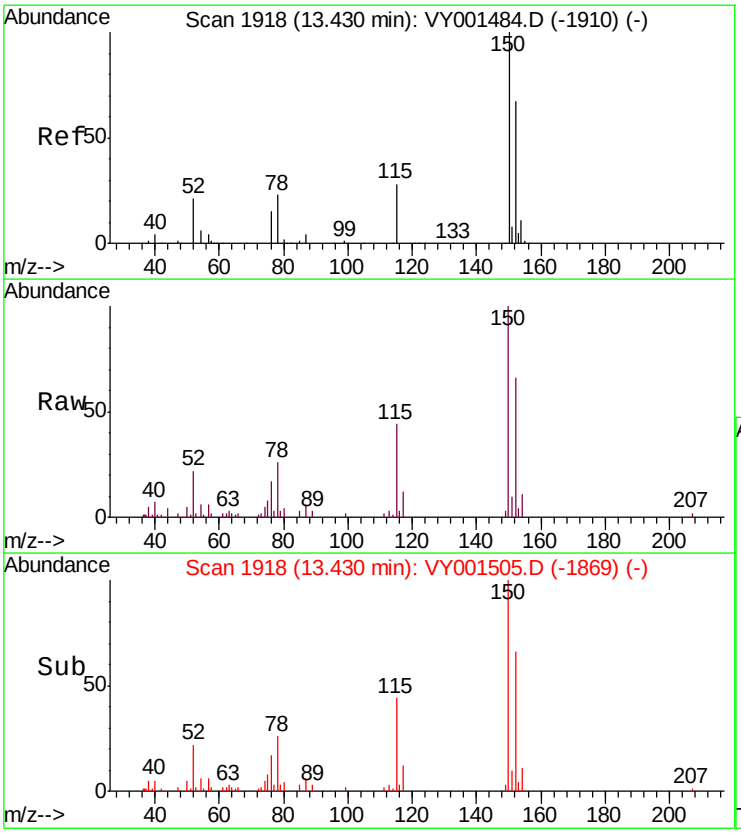
#68
m/p-Xylenes
Concen: 1.359 ug/l
RT: 11.72 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument : MSVOA_Y
ClientSampleId : SB-5

Tgt Ion:106 Resp: 335

Ion	Ratio	Lower	Upper
106	100		
91	265.4	163.6	245.4#

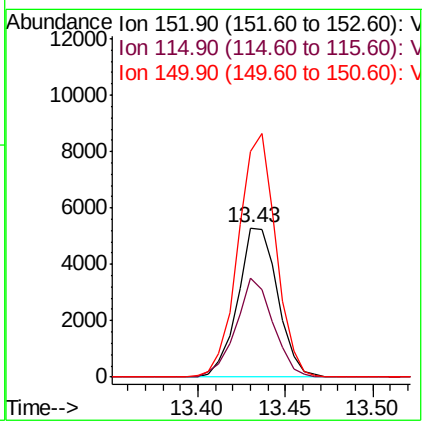


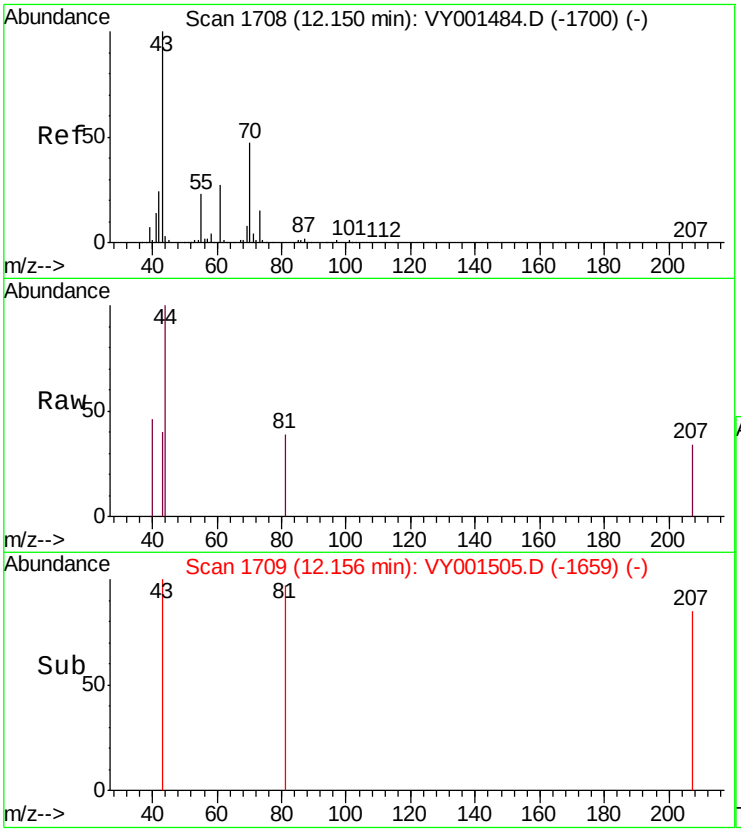


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion:152 Resp: 8360

Ion	Ratio	Lower	Upper
152	100		
115	61.6	31.4	94.3
150	154.3	0.0	346.8



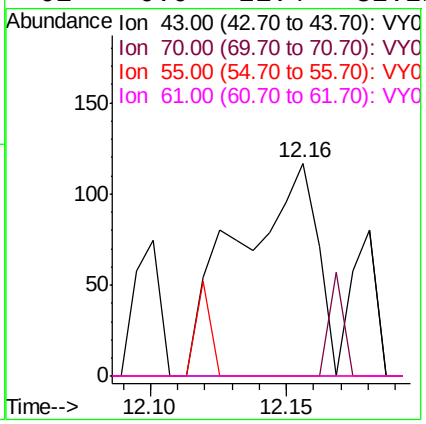


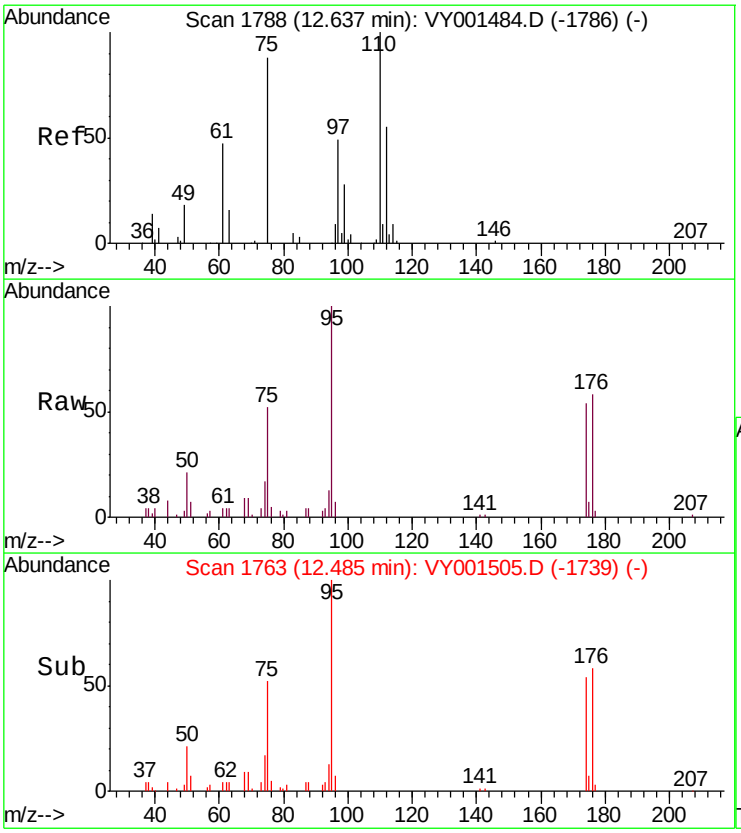
#74
N-amyl acetate
Concen: 1.412 ug/l
RT: 12.16 min Scan# 1709
Delta R.T. 0.01 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument : MSVOA_Y
ClientSampleId : SB-5

Tgt Ion: 43 Resp: 234

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.2	55.8#
55	0.0	18.8	28.2#
61	0.0	21.4	32.2#

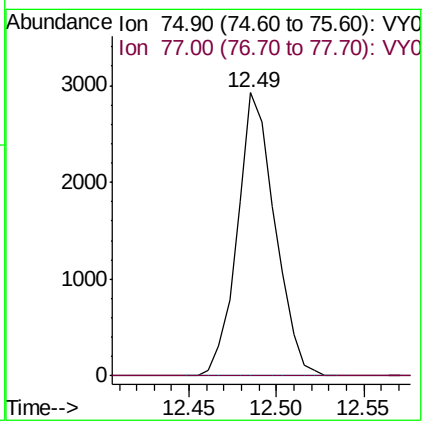


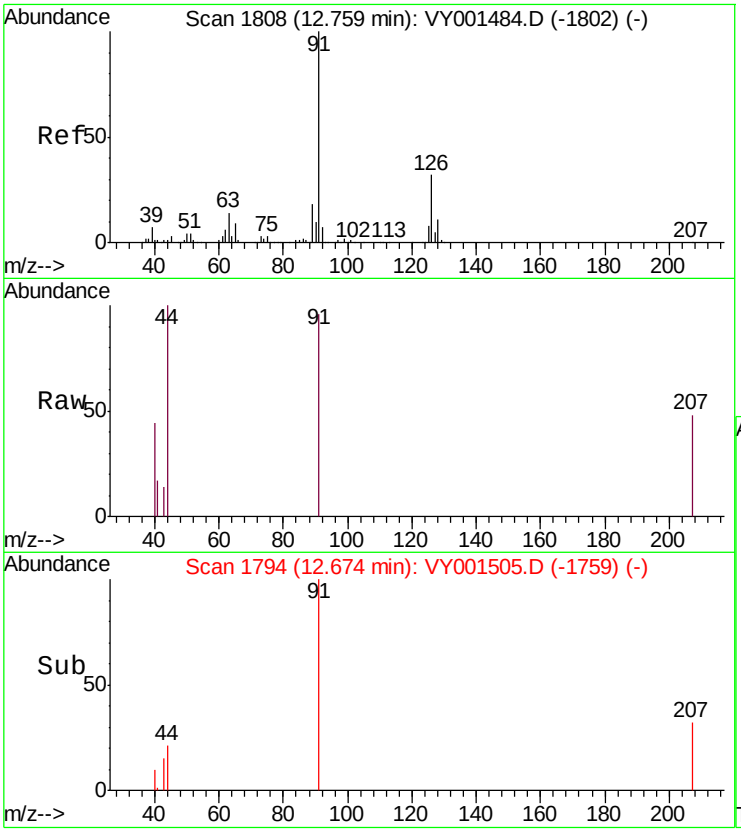


#76
1,2,3-Trichloropropane
Concen: 48.452 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 75 Resp: 4356

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



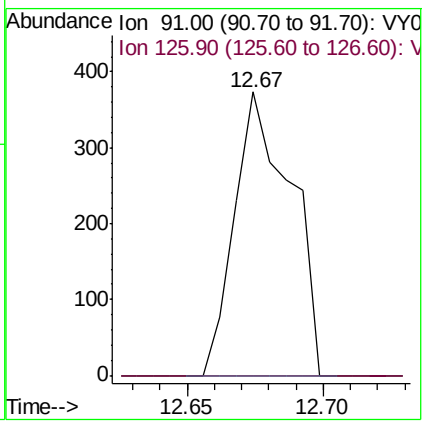


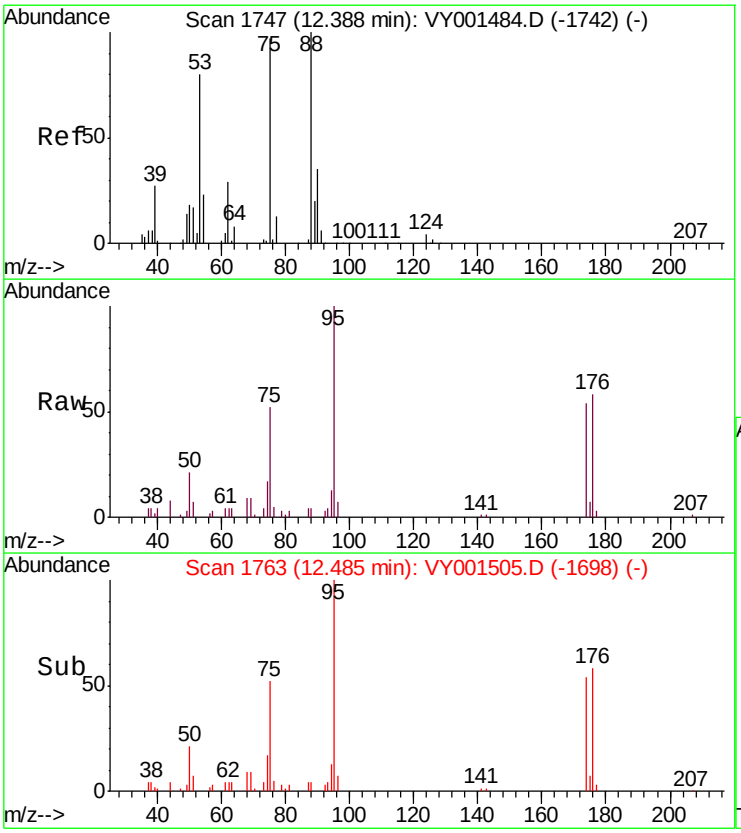
#79
2-Chlorotoluene
Concen: 1.230 ug/l
RT: 12.67 min Scan# 1794
Delta R.T. -0.09 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion: 91 Resp: 535

Ion	Ratio	Lower	Upper
91	100		
126	0.0	16.4	49.2#

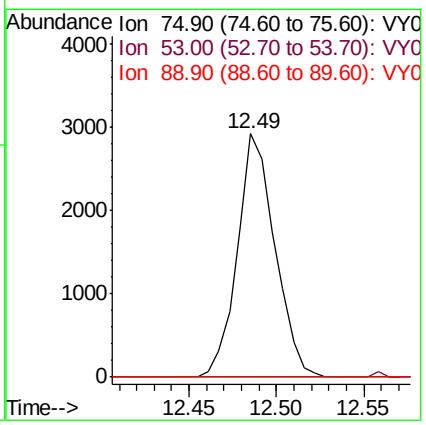


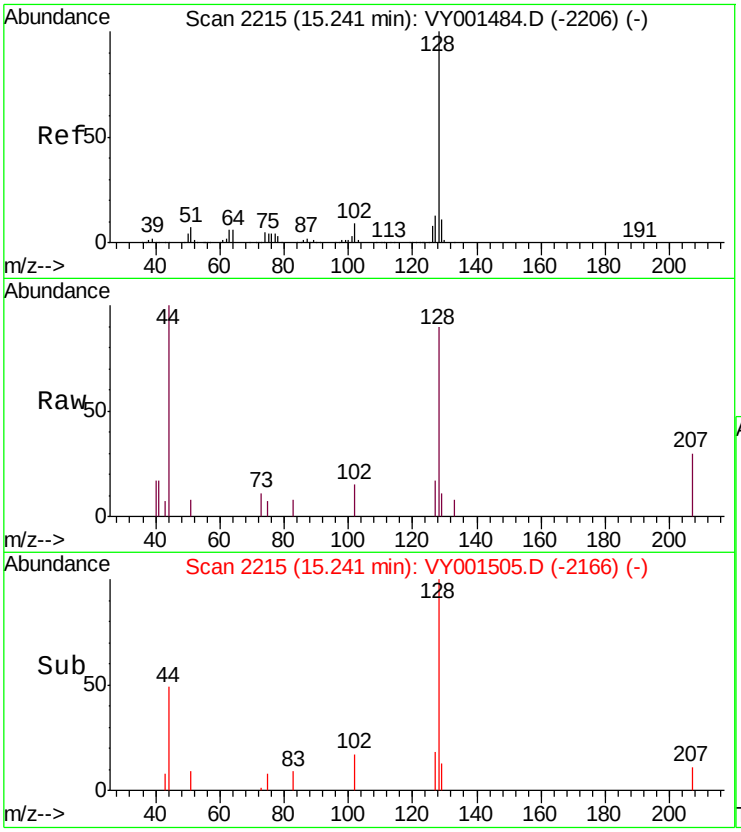


#81
trans-1,4-Dichloro-2-butene
Concen: 93.752 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Tgt Ion: 75 Resp: 4356

Ion	Ratio	Lower	Upper
75	100		
53	0.0	67.7	101.5#
89	0.0	34.6	52.0#





#95
Naphthalene
Concen: 3.325 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. 0.00 min
Lab File: VY001505.D
Acq: 05 Feb 2020 14:36

Instrument :
MSVOA_Y
ClientSampleId :
SB-5

Tgt Ion:128 Resp: 1262

Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.1	15.1#
129	16.7	8.9	13.3#