Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
Data File : VY002042.D
Acq On : 24 Mar 2020 11:49
Operator : SY/MD
Sample : VY0324SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0324SBL01

Quant Time: Mar 24 15:18:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	145858	50.00	ug/l		-0.01
34) 1,4-Difluorobenzene	8.70	114	287058	50.00	ug/l		-0.01
63) Chlorobenzene-d5	11.50	117	263767	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	115909	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	91332	58.65	ug/l		-0.02
Spiked Amount 50.000			Recovery = 117.30%				
35) Dibromofluoromethane	7.73	113	85399	54.48	ug/l		-0.02
Spiked Amount 50.000			Recovery = 108.96%				
50) Toluene-d8	10.19	98	347051	52.51	ug/l		0.00
Spiked Amount 50.000			Recovery = 105.02%				
62) 4-Bromofluorobenzene	12.49	95	119808	52.13	ug/l		0.00
Spiked Amount 50.000			Recovery = 104.26%				
Target Compounds							Qvalue
3) Chloromethane	2.12	50	2576	1.42	ug/l		91
5) Bromomethane	2.68	94	446	Below Cal			89
11) Tert butyl alcohol	5.01	59	70	Below Cal		#	74
13) Acrolein	3.75	56	338	1.54	ug/l	#	77
15) Acrylonitrile	5.19	53	993	1.88	ug/l	#	91
16) Acetone	3.97	43	1490	3.29	ug/l	#	84
20) Methylene Chloride	4.75	84	5209	2.68	ug/l	#	89
23) Vinyl Acetate	6.08	43	4441	1.15	ug/l	#	94
25) 2-Butanone	7.01	43	1277	1.85	ug/l		94
29) Tetrahydrofuran	7.36	42	839	1.83	ug/l		97
31) Cyclohexane	7.80	56	3887	1.14	ug/l	#	1
38) Carbon Tetrachloride	7.80	117	14789	6.27	ug/l	#	16
51) 4-Methyl-2-Pentanone	10.08	43	2024	1.29	ug/l		94
58) 2-Chloroethyl Vinyl ether	9.79	63	937	Below Cal			95
59) 2-Hexanone	10.84	43	1835	1.64	ug/l		90
76) 1,2,3-Trichloropropane	12.49	75	61212	44.51	ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.49	75	61212	89.90	ug/l	#	17

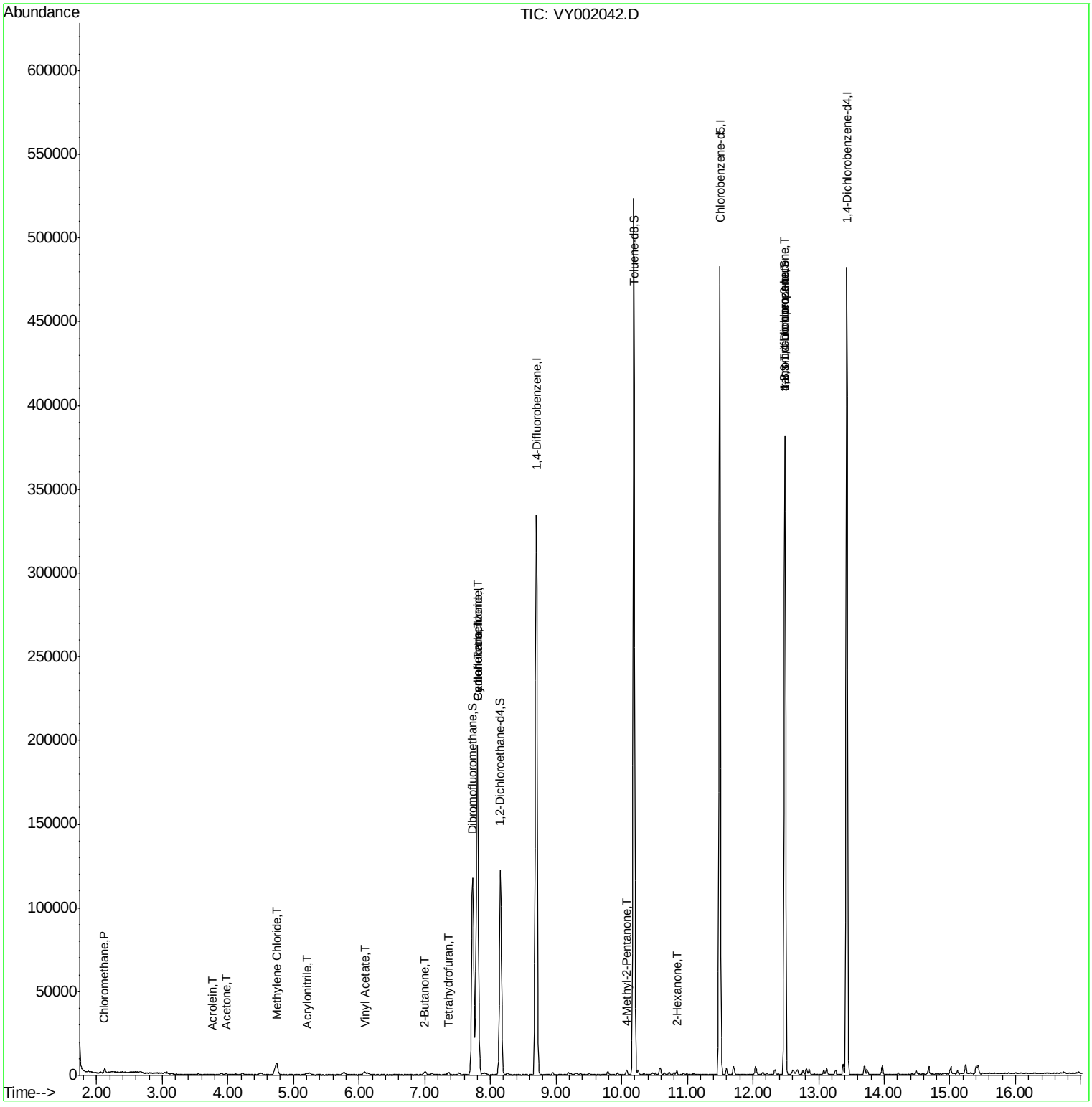
(#) = qualifier out of range (m) = manual integration (+) = signals summed

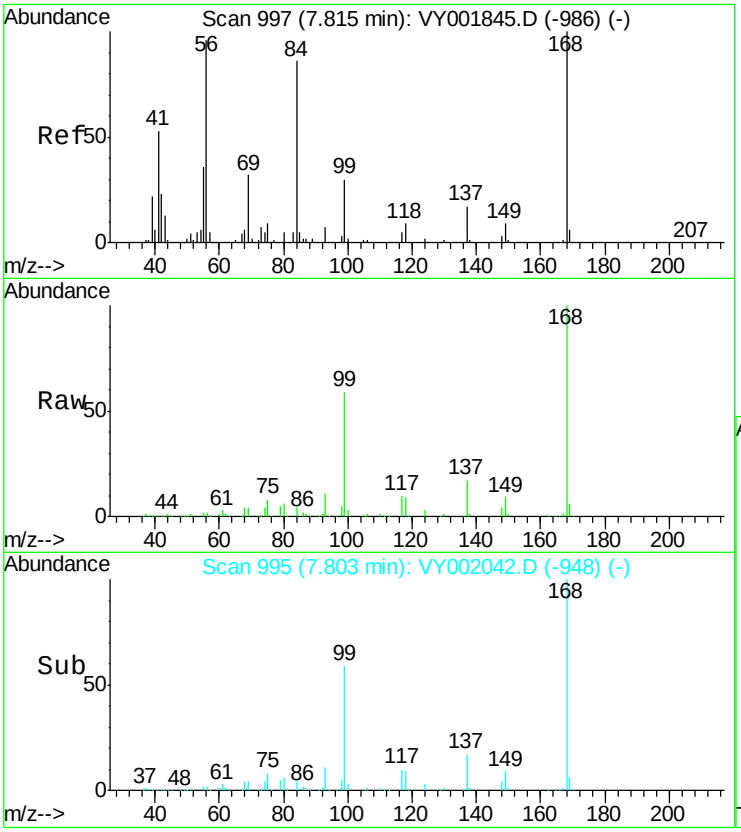
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY032420\
Data File : VY002042.D
Acq On : 24 Mar 2020 11:49
Operator : SY/MD
Sample : VY0324SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Quant Time: Mar 24 15:18:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 05 04:05:33 2020
Response via : Initial Calibration



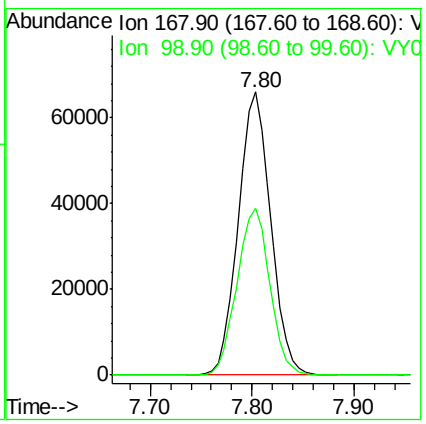


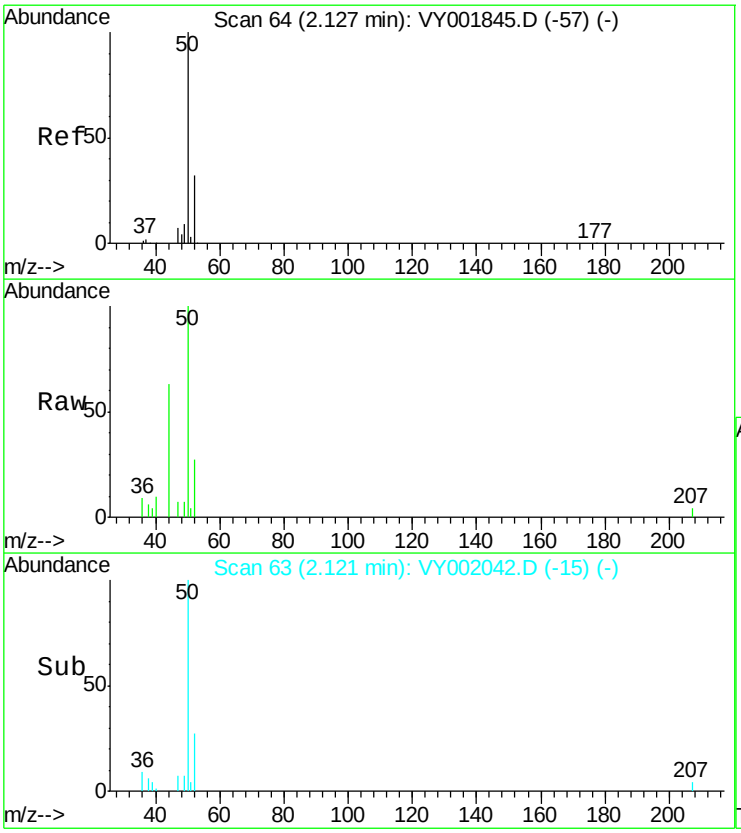
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion:168 Resp: 145858

Ion	Ratio	Lower	Upper
168	100		
99	59.0	46.7	70.1

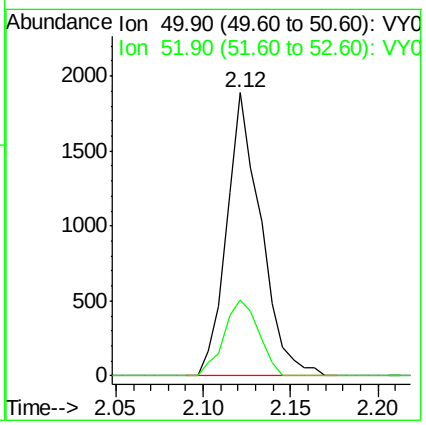


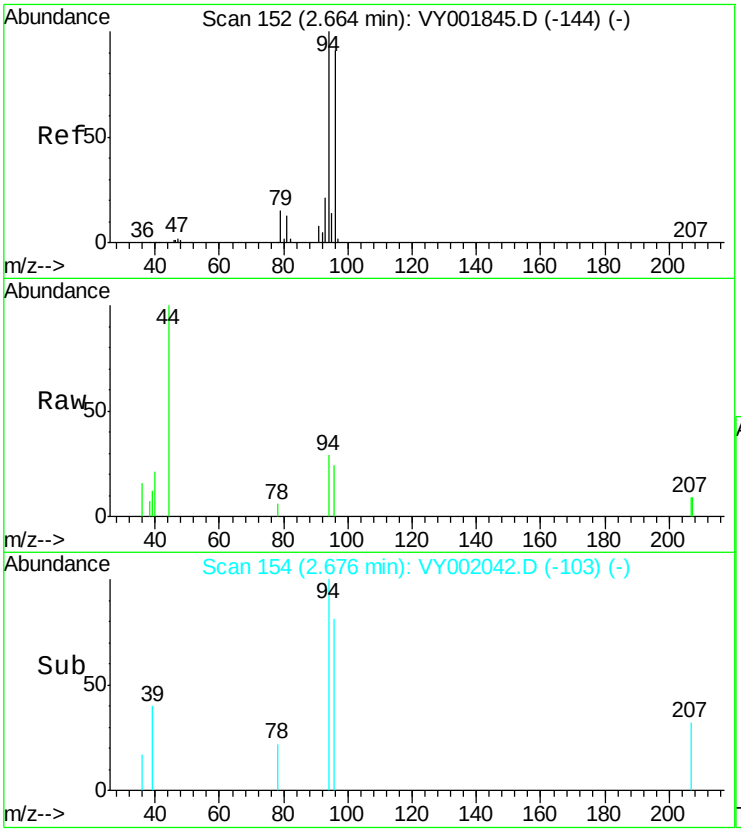


#3
Chloromethane
Concen: 1.42 ug/l
RT: 2.12 min Scan# 63
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 50 Resp: 2576

Ion	Ratio	Lower	Upper
50	100		
52	27.1	25.8	38.6



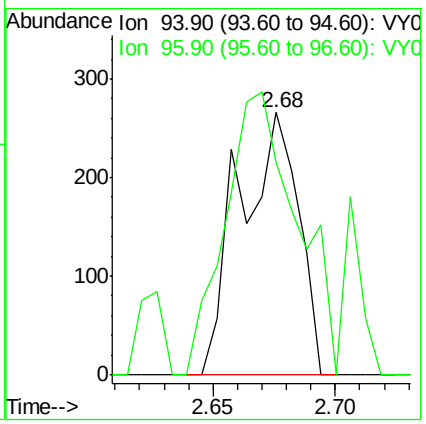


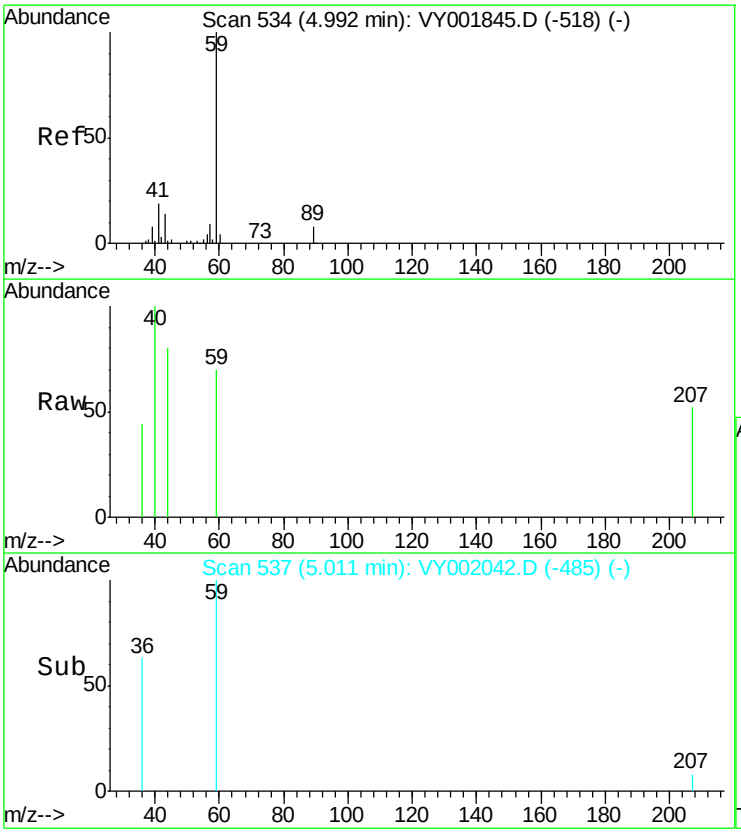
#5
Bromomethane
Concen: Below Cal
RT: 2.68 min Scan# 154
Delta R.T. 0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument : MSVOA_Y
ClientSampleId : VY0324SBL01

Tgt Ion: 94 Resp: 446

Ion	Ratio	Lower	Upper
94	100		
96	80.8	73.2	109.8

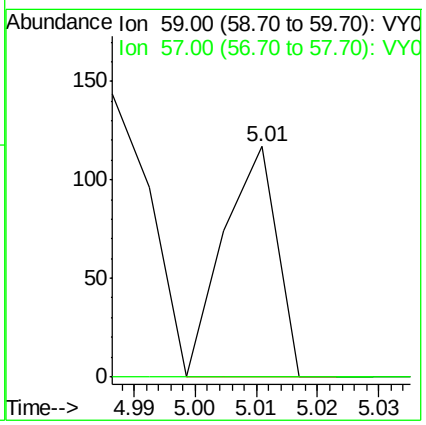


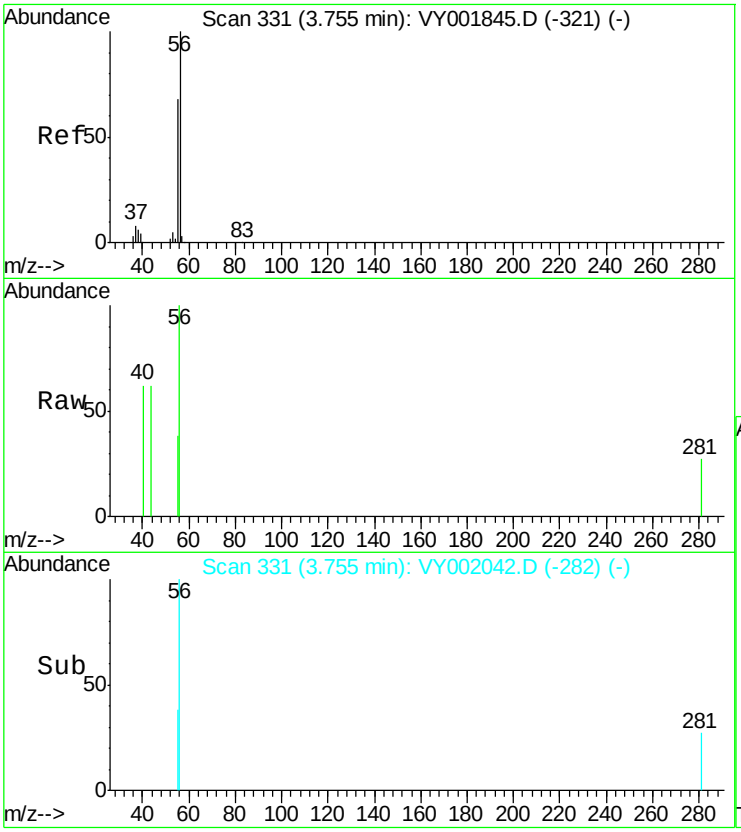


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.01 min Scan# 537
Delta R.T. 0.02 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 59 Resp: 70

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.4	11.2#



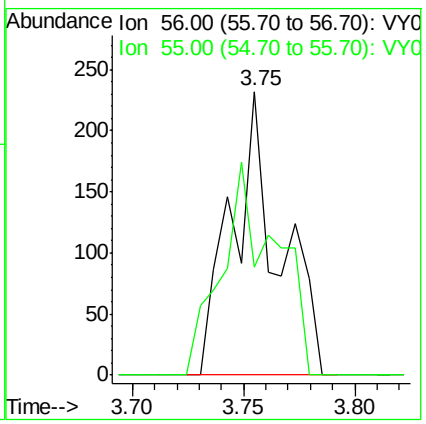


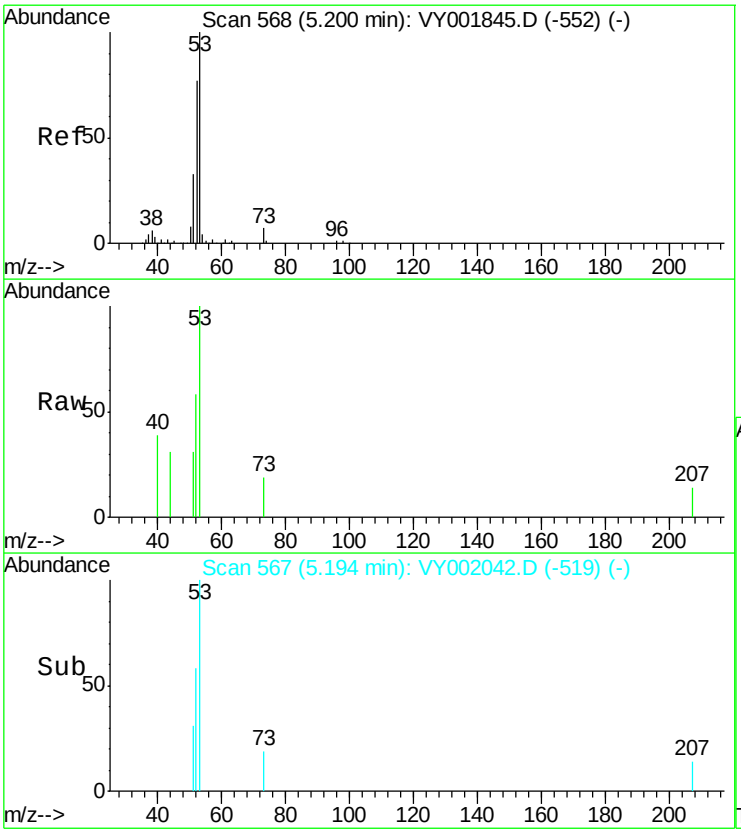
#13
Acrolein
Concen: 1.54 ug/l
RT: 3.75 min Scan# 331
Delta R.T. 0.00 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 56 Resp: 338

Ion	Ratio	Lower	Upper
56	100		
55	86.4	54.0	81.0#

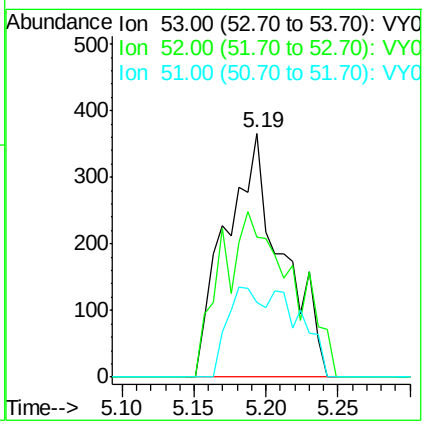


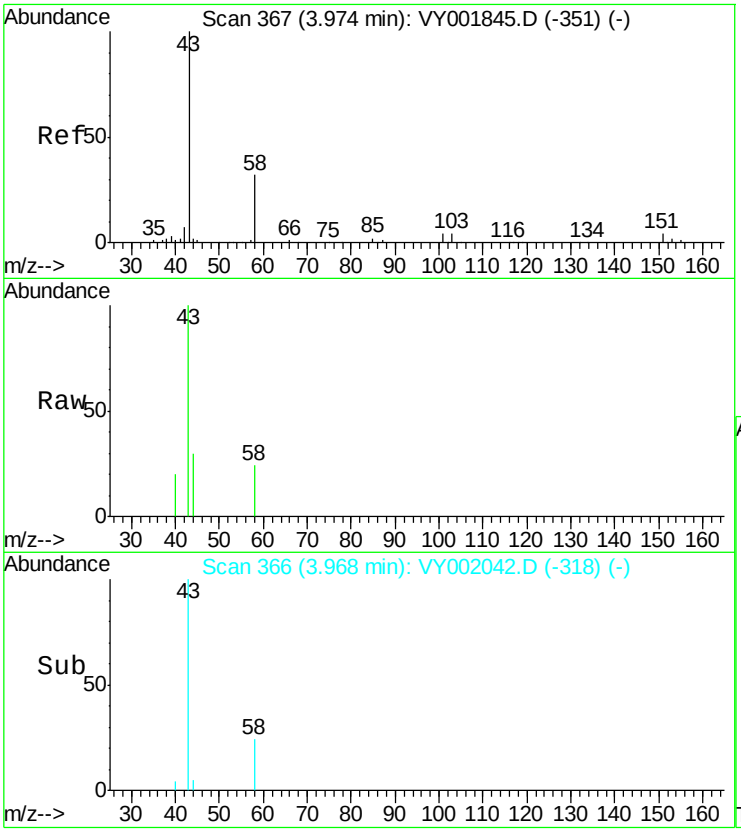


#15
Acrylonitrile
Concen: 1.88 ug/l
RT: 5.19 min Scan# 567
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 53 Resp: 993

Ion	Ratio	Lower	Upper
53	100		
52	85.5	65.1	97.7
51	24.1	27.5	41.3#



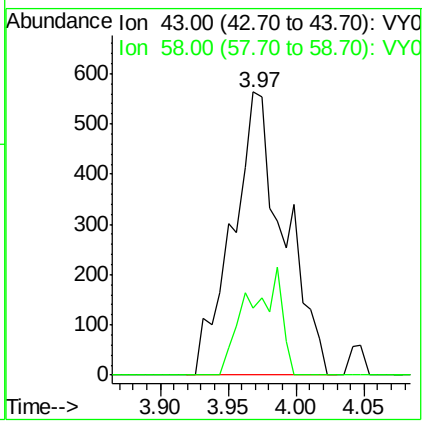


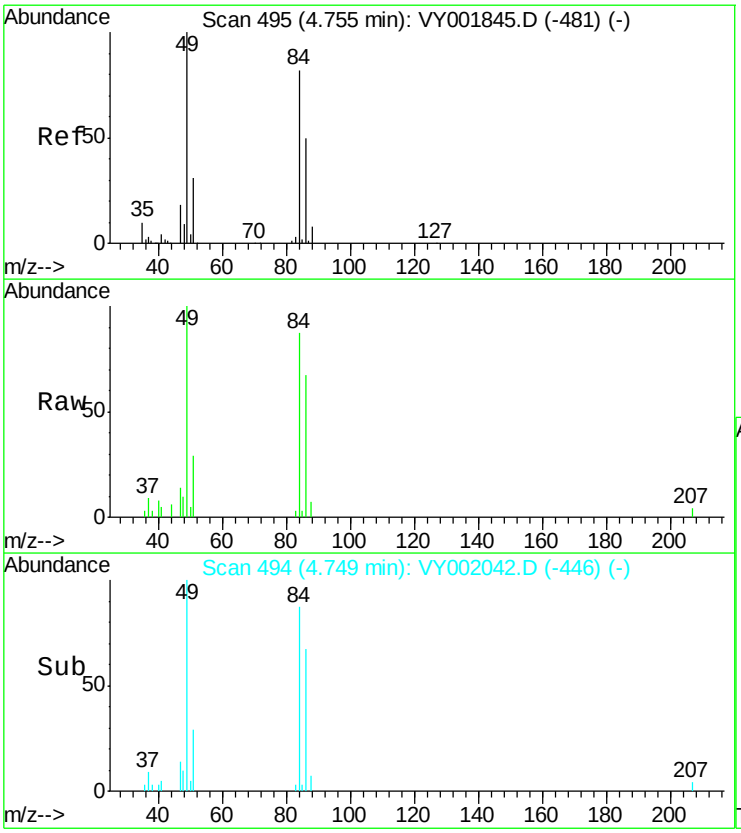
#16
Acetone
Concen: 3.29 ug/l
RT: 3.97 min Scan# 366
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 43 Resp: 1490

Ion	Ratio	Lower	Upper
43	100		
58	23.6	25.9	38.9#

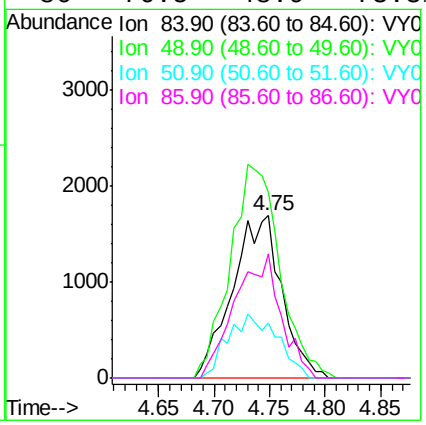


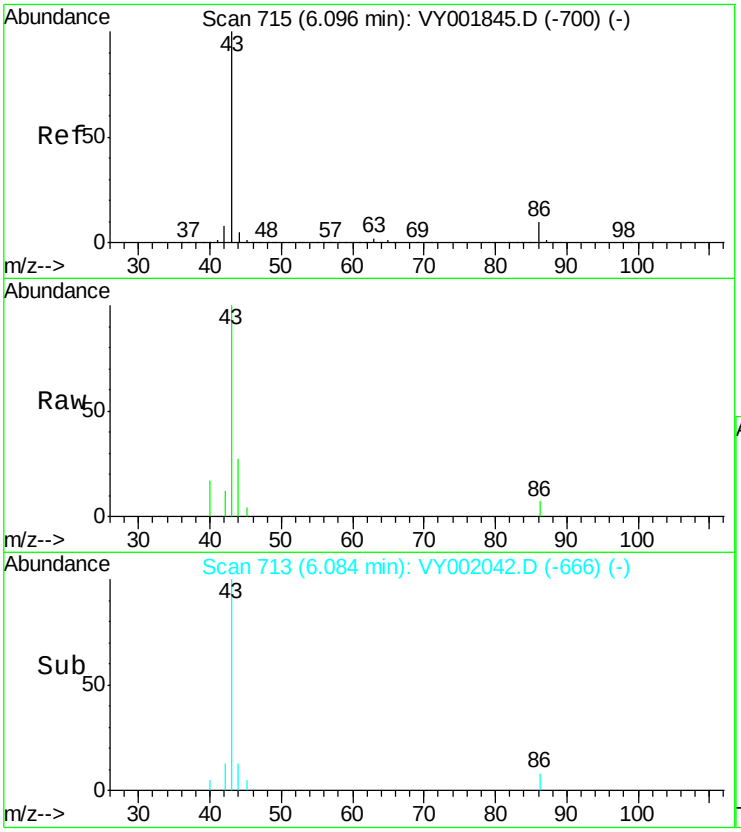


#20
Methylene Chloride
Concen: 2.68 ug/l
RT: 4.75 min Scan# 494
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 84 Resp: 5209

Ion	Ratio	Lower	Upper
84	100		
49	114.3	98.2	147.2
51	33.6	30.2	45.2
86	76.5	48.9	73.3#



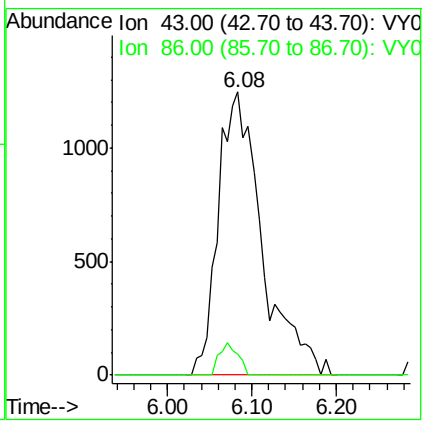


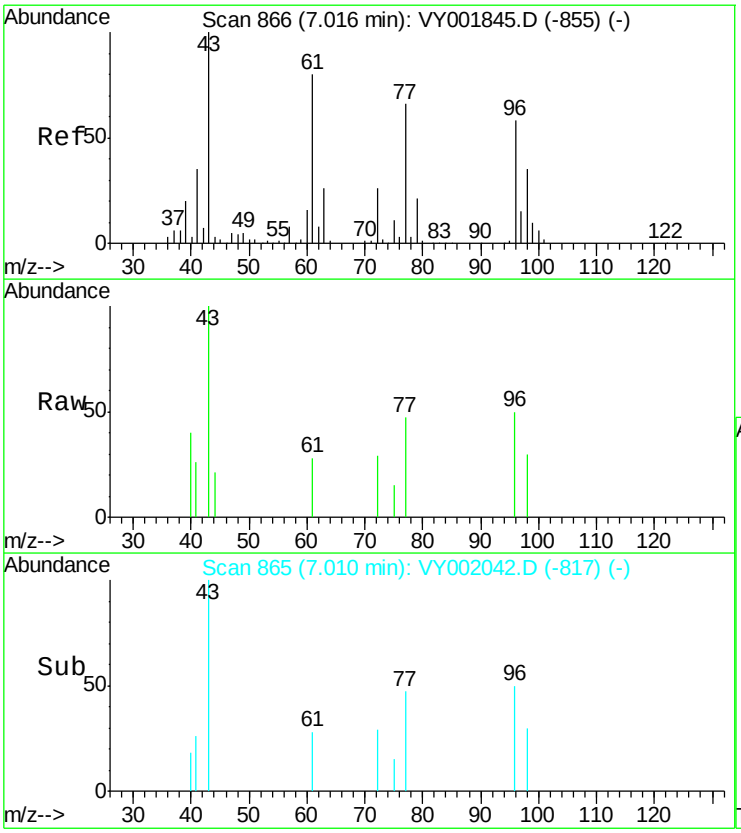
#23
Vinyl Acetate
Concen: 1.15 ug/l
RT: 6.08 min Scan# 713
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument : MSVOA_Y
ClientSampleId : VY0324SBL01

Tgt Ion: 43 Resp: 4441

Ion	Ratio	Lower	Upper
43	100		
86	7.5	7.8	11.8#

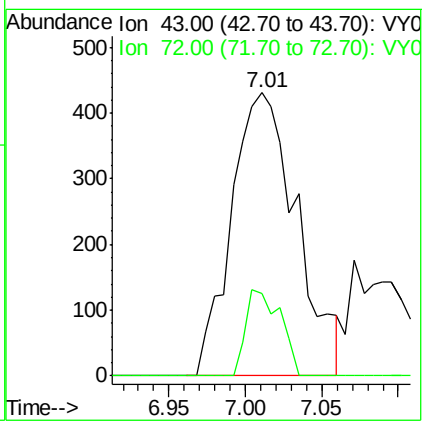


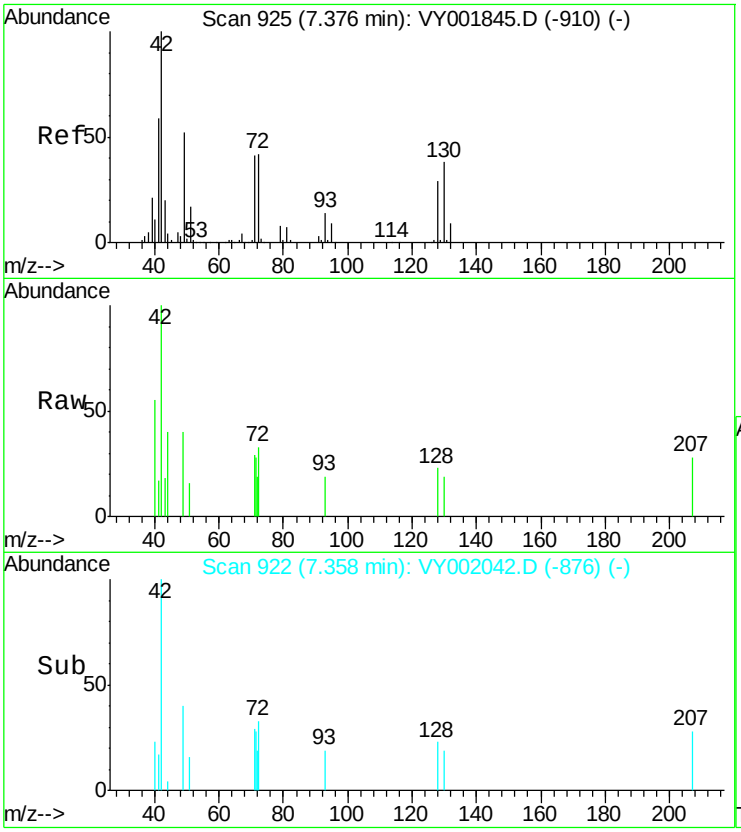


#25
2-Butanone
Concen: 1.85 ug/l
RT: 7.01 min Scan# 865
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 43 Resp: 1277

Ion	Ratio	Lower	Upper
43	100		
72	29.2	20.9	31.3



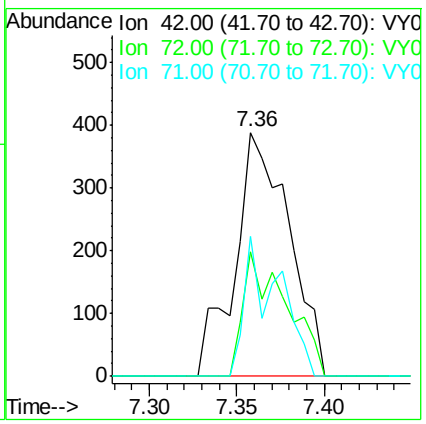


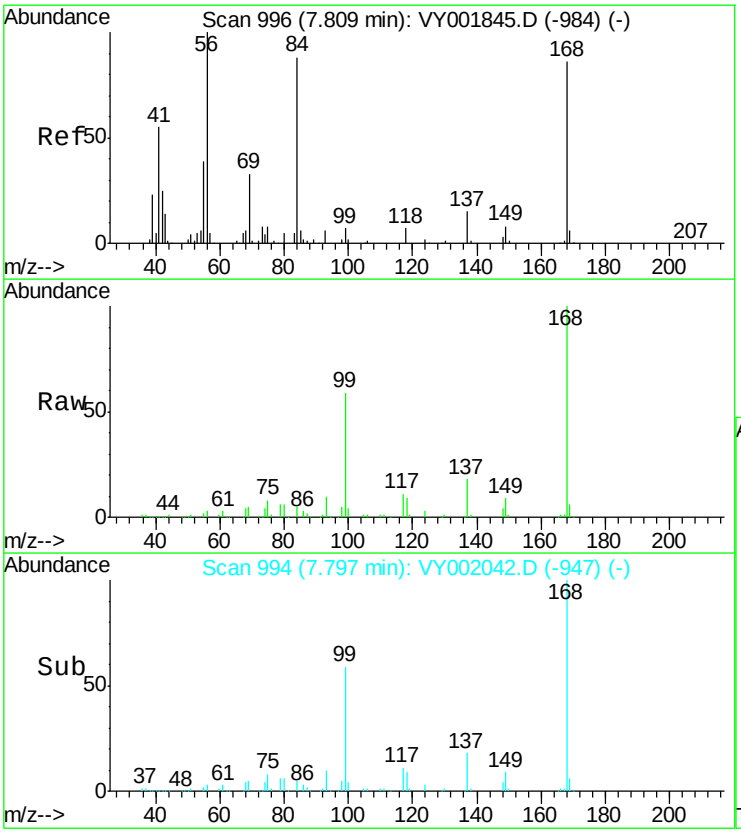
#29
Tetrahydrofuran
Concen: 1.83 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.02 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 42 Resp: 839

Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.5	50.3
71	36.2	31.3	46.9

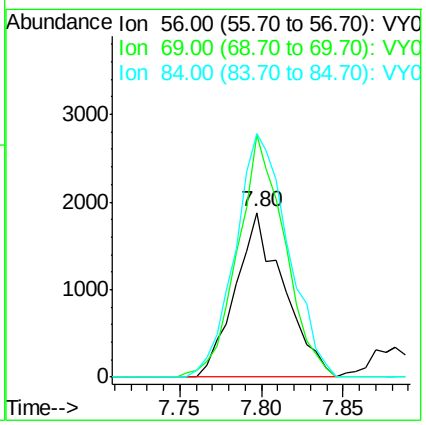


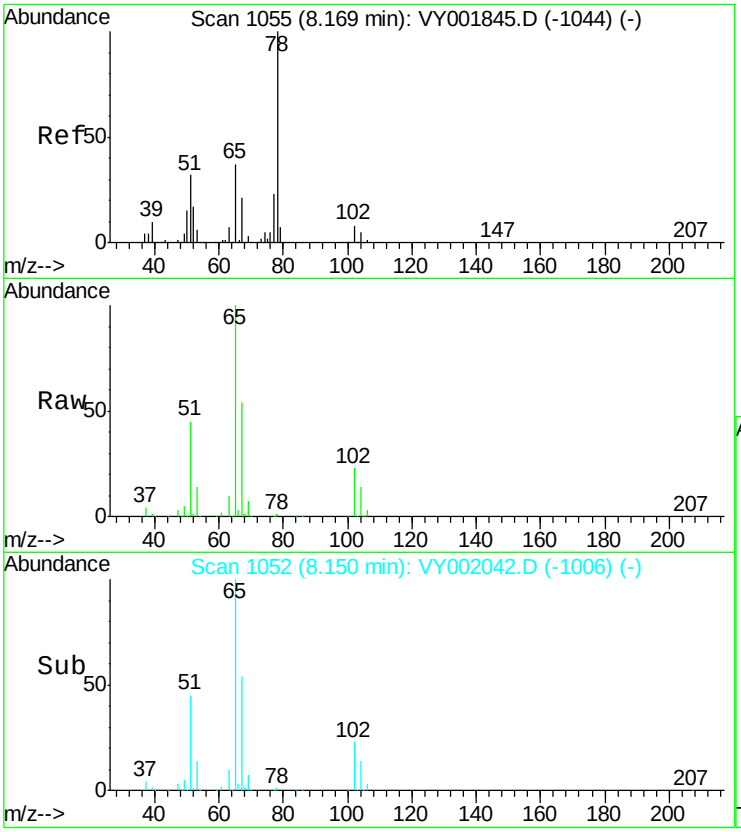


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 56 Resp: 3887

Ion	Ratio	Lower	Upper
56	100		
69	147.7	26.7	40.1#
84	148.2	70.4	105.6#



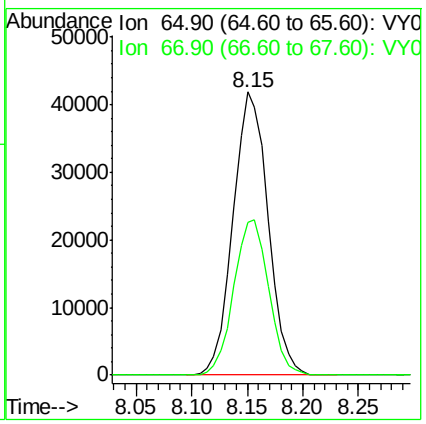


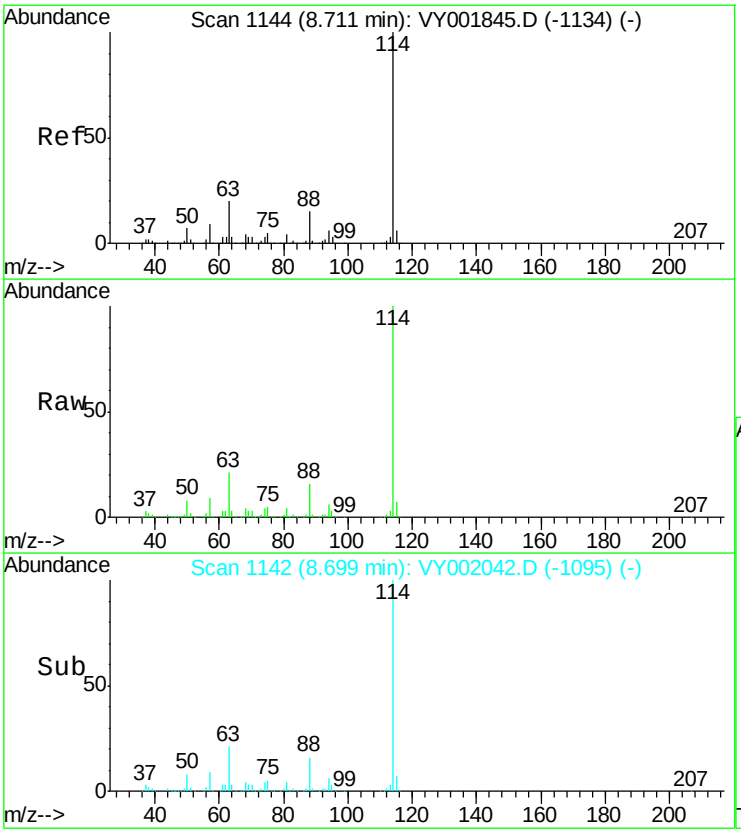
#33
1,2-Dichloroethane-d4
Concen: 58.65 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.02 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 65 Resp: 91332

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.8

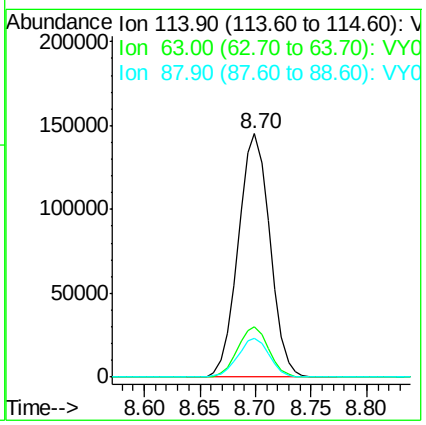


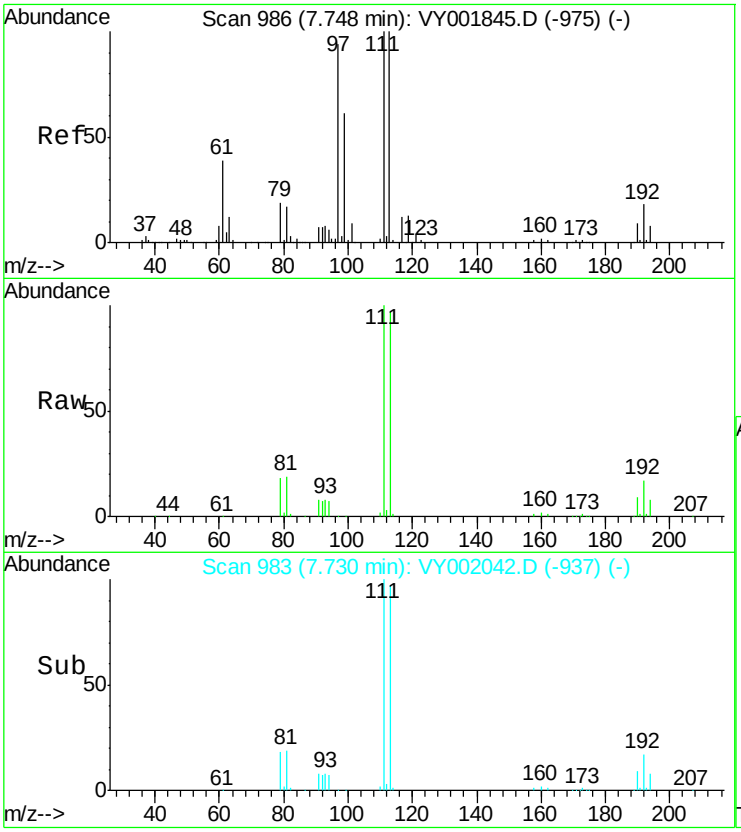


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.70 min Scan# 1142
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion:114 Resp: 287058

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.4
88	15.7	0.0	30.4



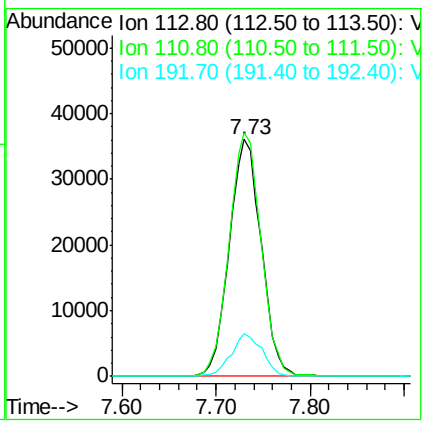


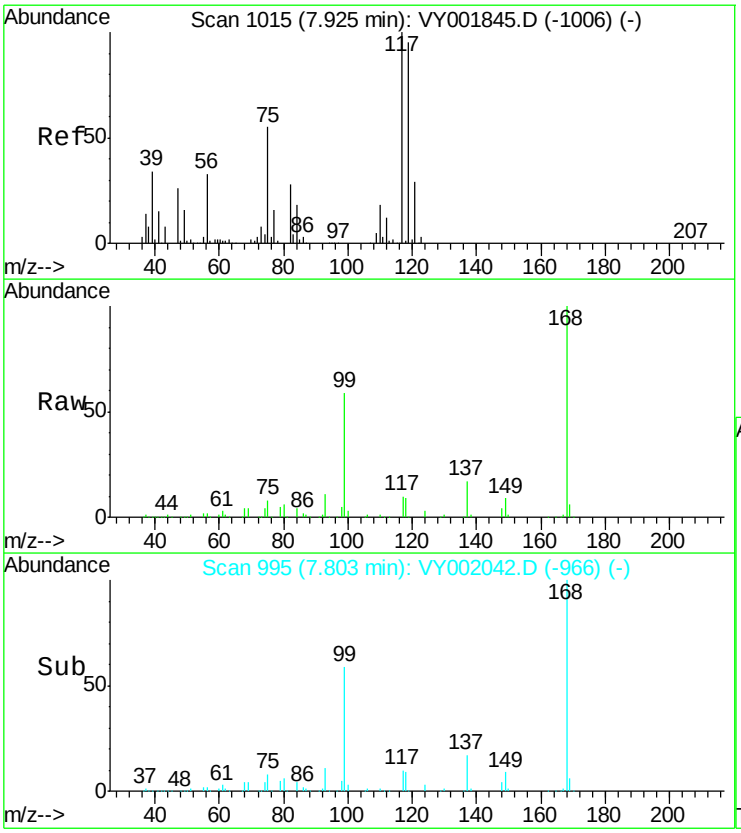
#35
Dibromofluoromethane
Concen: 54.48 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.02 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion:113 Resp: 85399

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.8	122.8
192	17.5	14.2	21.2

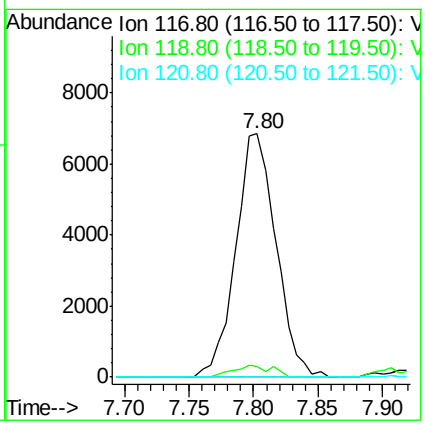


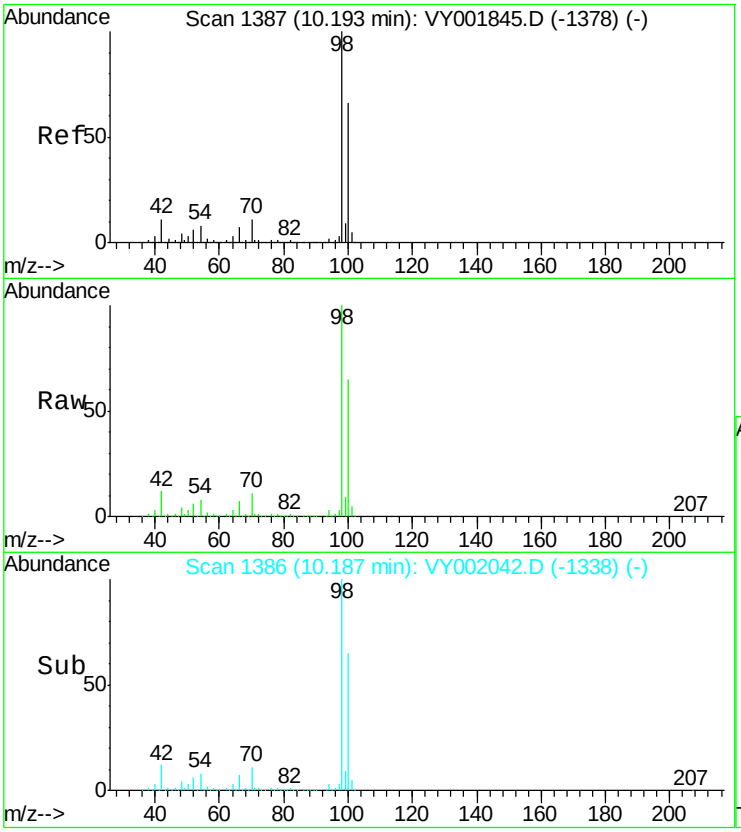


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion:117 Resp: 14789

Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.3	114.5#
121	0.0	23.5	35.3#



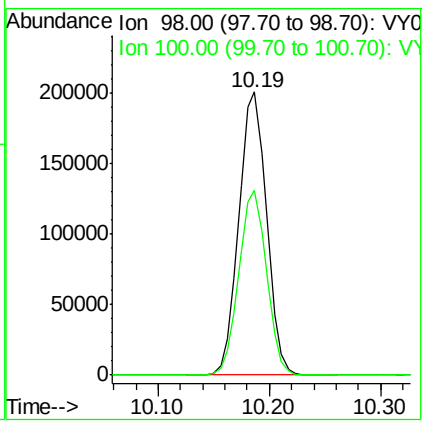


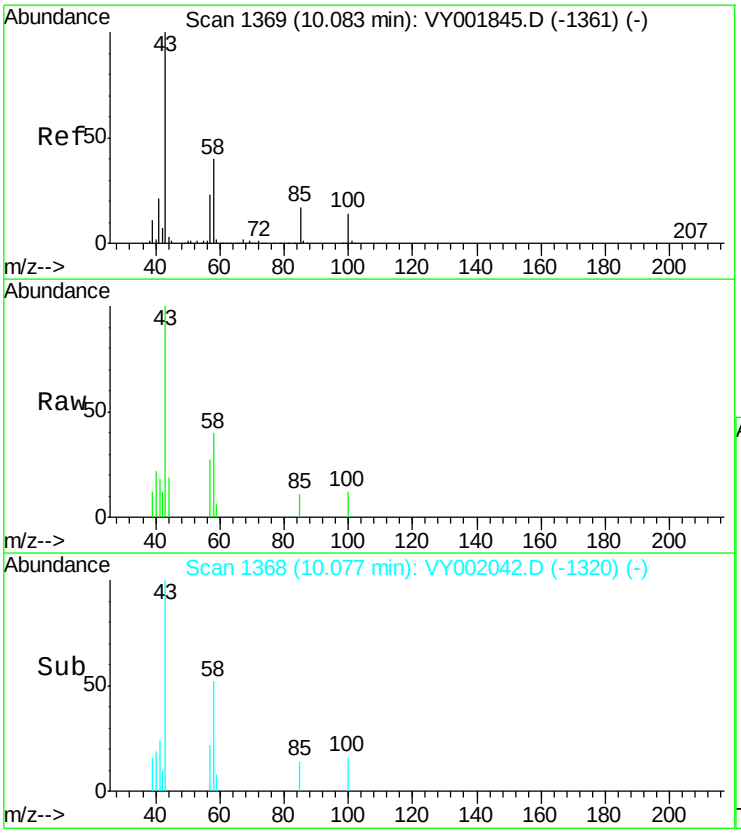
#50
Toluene-d8
Concen: 52.51 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 98 Resp: 347051

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.0	79.4

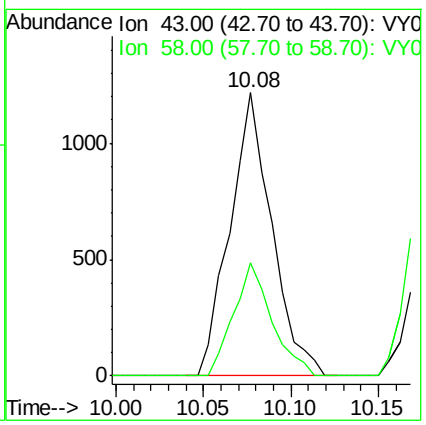


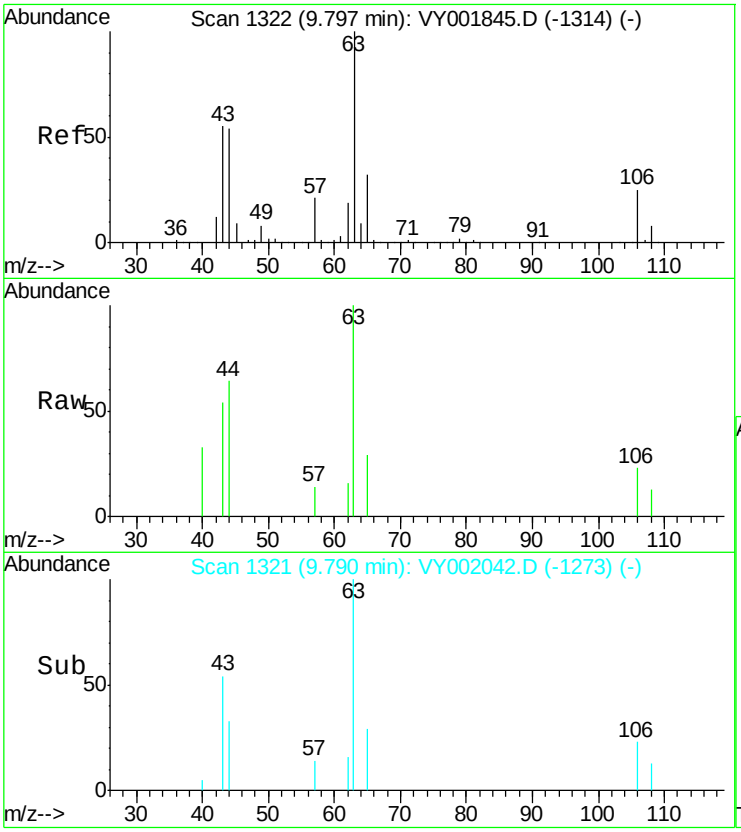


#51
4-Methyl-2-Pentanone
Concen: 1.29 ug/l
RT: 10.08 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 43 Resp: 2024

Ion	Ratio	Lower	Upper
43	100		
58	36.6	32.0	48.0



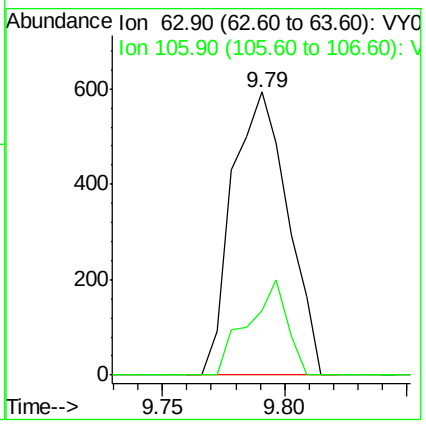


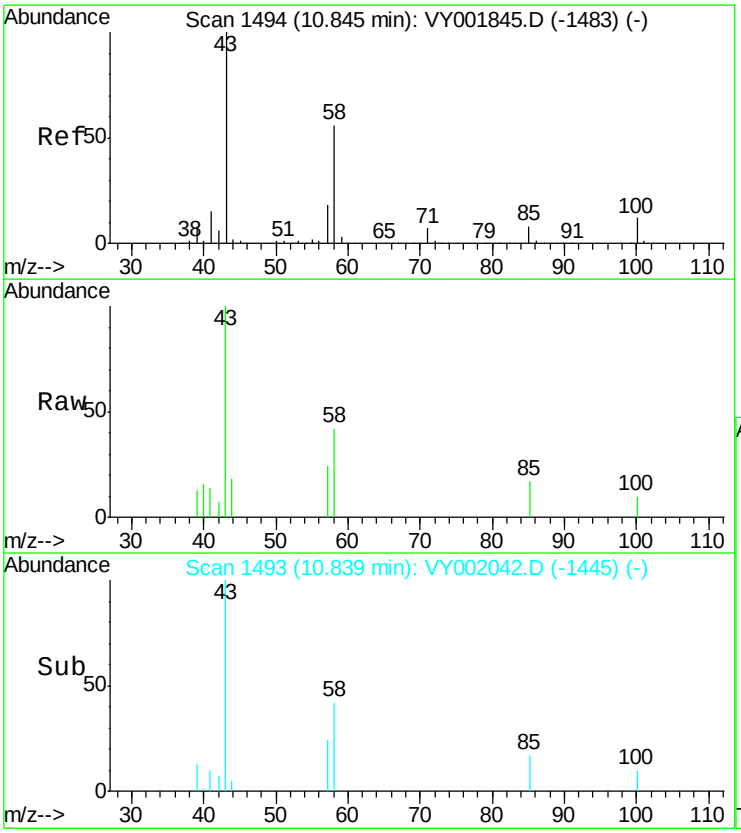
#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.79 min Scan# 1321
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 63 Resp: 937

Ion	Ratio	Lower	Upper
63	100		
106	23.9	21.3	31.9

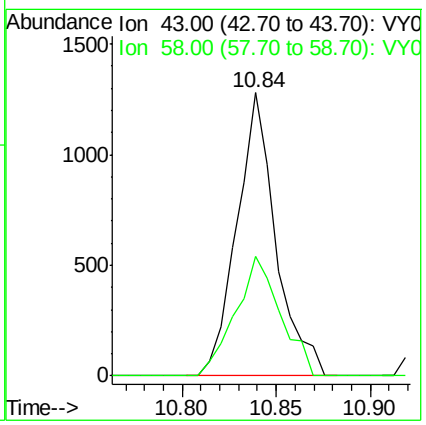


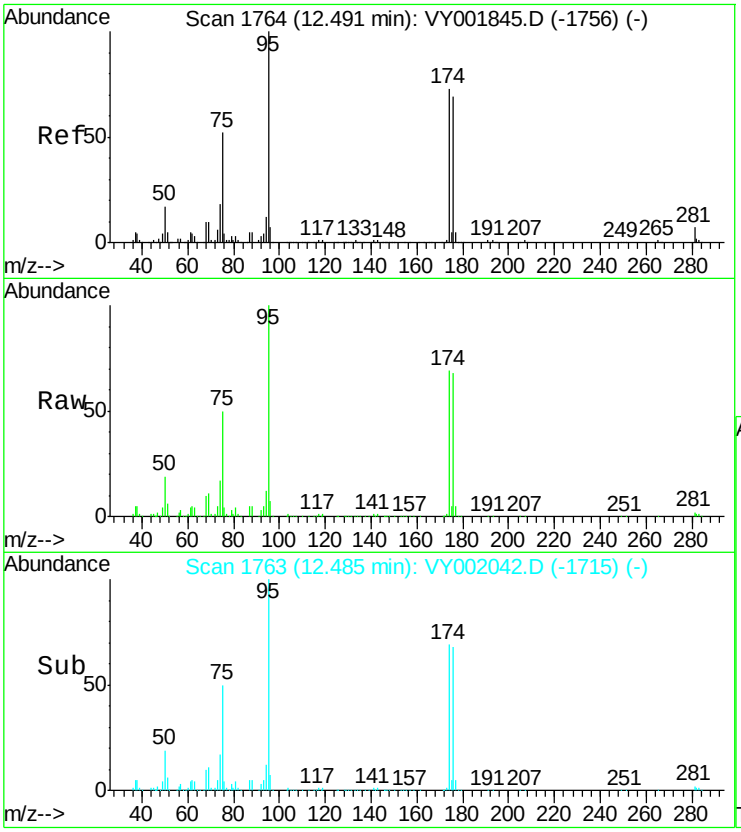


#59
2-Hexanone
Concen: 1.64 ug/l
RT: 10.84 min Scan# 1493
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 43 Resp: 1835

Ion	Ratio	Lower	Upper
43	100		
58	48.7	28.1	84.3



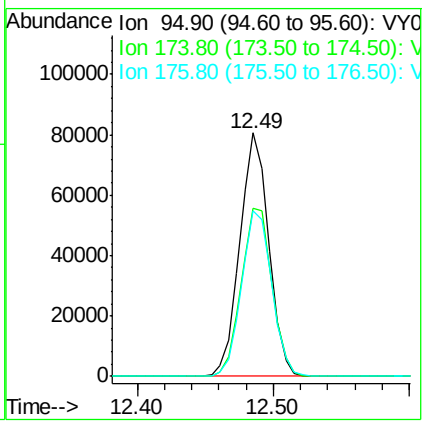


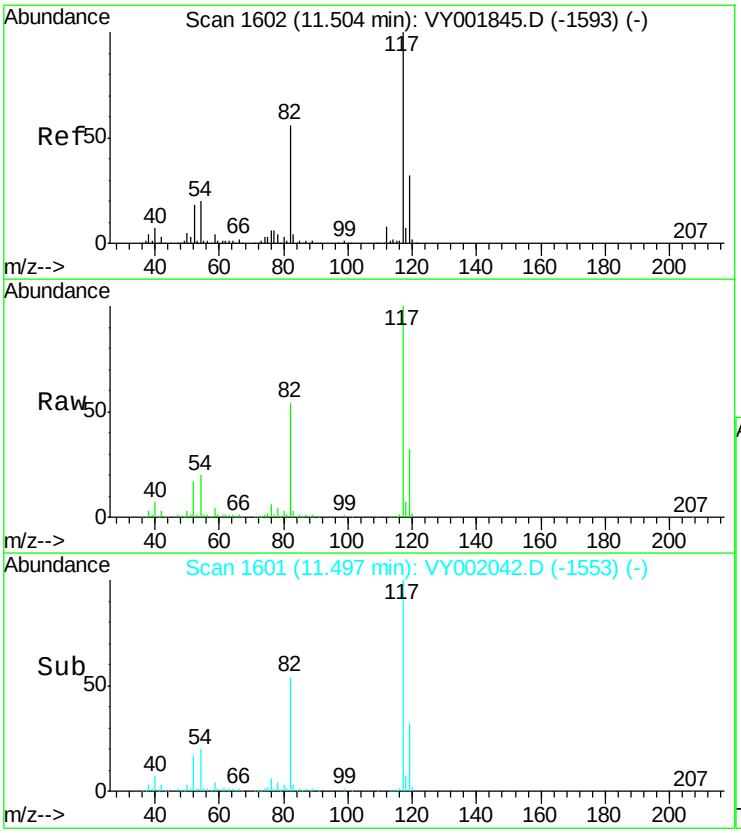
#62
4-Bromofluorobenzene
Concen: 52.13 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 95 Resp: 119808

Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	145.0
176	71.0	0.0	137.4

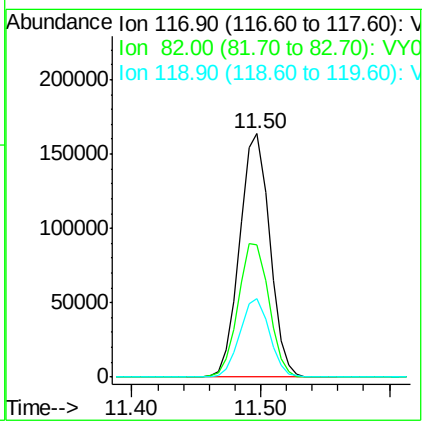


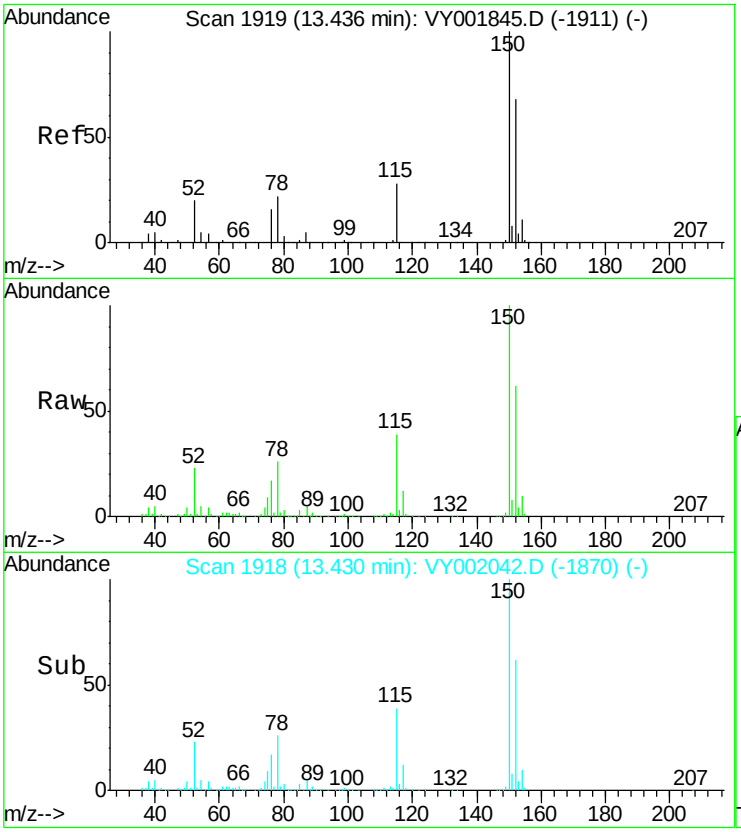


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion:117 Resp: 263767

Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.5	66.7
119	32.2	25.7	38.5



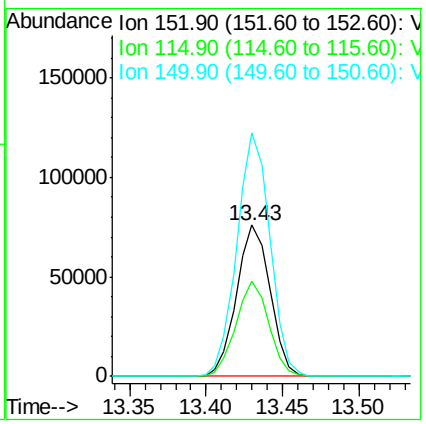


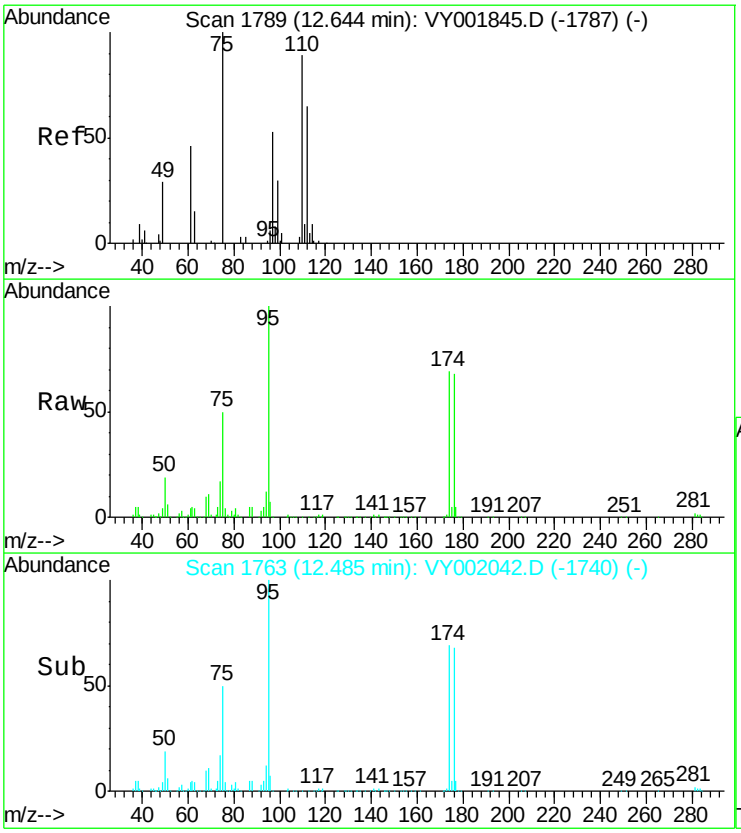
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion:152 Resp: 115909

Ion	Ratio	Lower	Upper
152	100		
115	61.4	29.9	89.7
150	158.7	0.0	340.6

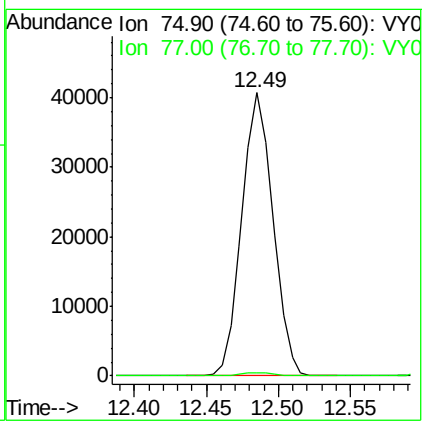


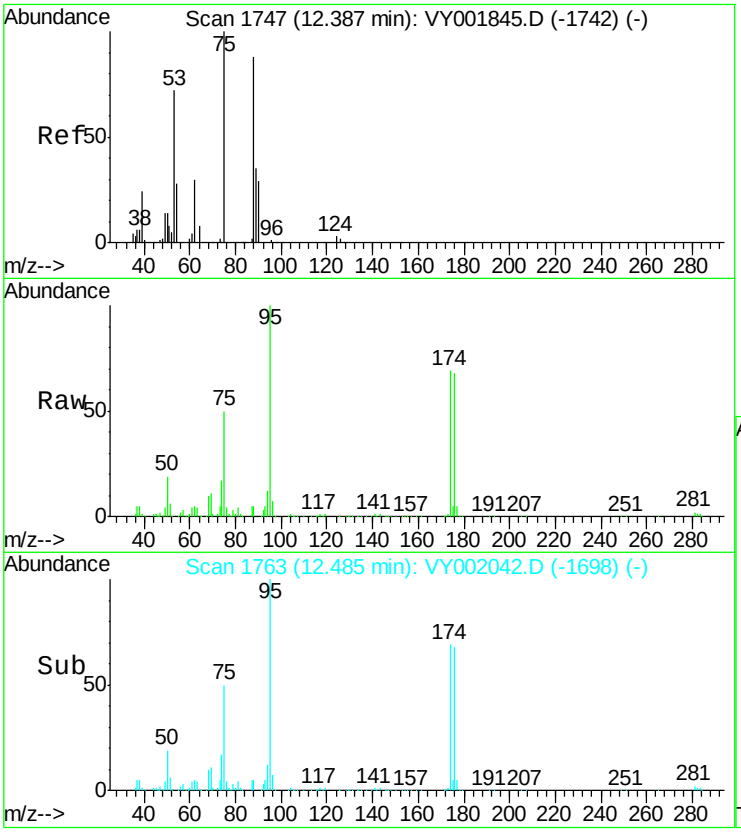


#76
1,2,3-Trichloropropane
Concen: 44.51 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Tgt Ion: 75 Resp: 61212

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 89.90 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002042.D
Acq: 24 Mar 2020 11:49

Instrument :
MSVOA_Y
ClientSampleId :
VY0324SBL01

Tgt Ion: 75 Resp: 61212

Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.4	98.0#
89	0.0	36.0	54.0#