Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091619\
Data File : VY000044.D
Acq On : 16 Sep 2019 13:33
Operator : SY/MD
Sample : VY0916SBL02
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VY0916SBL02

Quant Time: Sep 17 05:56:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 16:17:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	125670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	249340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	214475	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	90243	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	66593	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.38%			
35) Dibromofluoromethane	7.71	113	66350	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.76%			
50) Toluene-d8	10.18	98	274080	47.59	ug/l	0.00
Spiked Amount 50.000			Recovery = 95.18%			
62) 4-Bromofluorobenzene	12.48	95	97005	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.68%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	8613	Below Cal		100
5) Bromomethane	2.61	94	129	Below Cal	#	2
11) Tert butyl alcohol	4.93	59	334	1.941	ug/l #	92
13) Acrolein	3.68	56	24	Below Cal	#	1
16) Acetone	3.98	43	1859	4.952	ug/l #	72
20) Methylene Chloride	4.70	84	3404	Below Cal	#	90
25) 2-Butanone	6.99	43	2792	4.576	ug/l #	80
26) 2,2-Dichloropropane	6.99	77	3221	1.474	ug/l #	51
31) Cyclohexane	7.79	56	3264	Below Cal	#	18
38) Carbon Tetrachloride	7.79	117	12855	7.439	ug/l #	16
76) 1,2,3-Trichloropropane	12.48	75	47121	37.593	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	47121	74.569	ug/l #	17
92) 1,2-Dibromo-3-Chloropropan	14.34	75	52	Below Cal	#	3

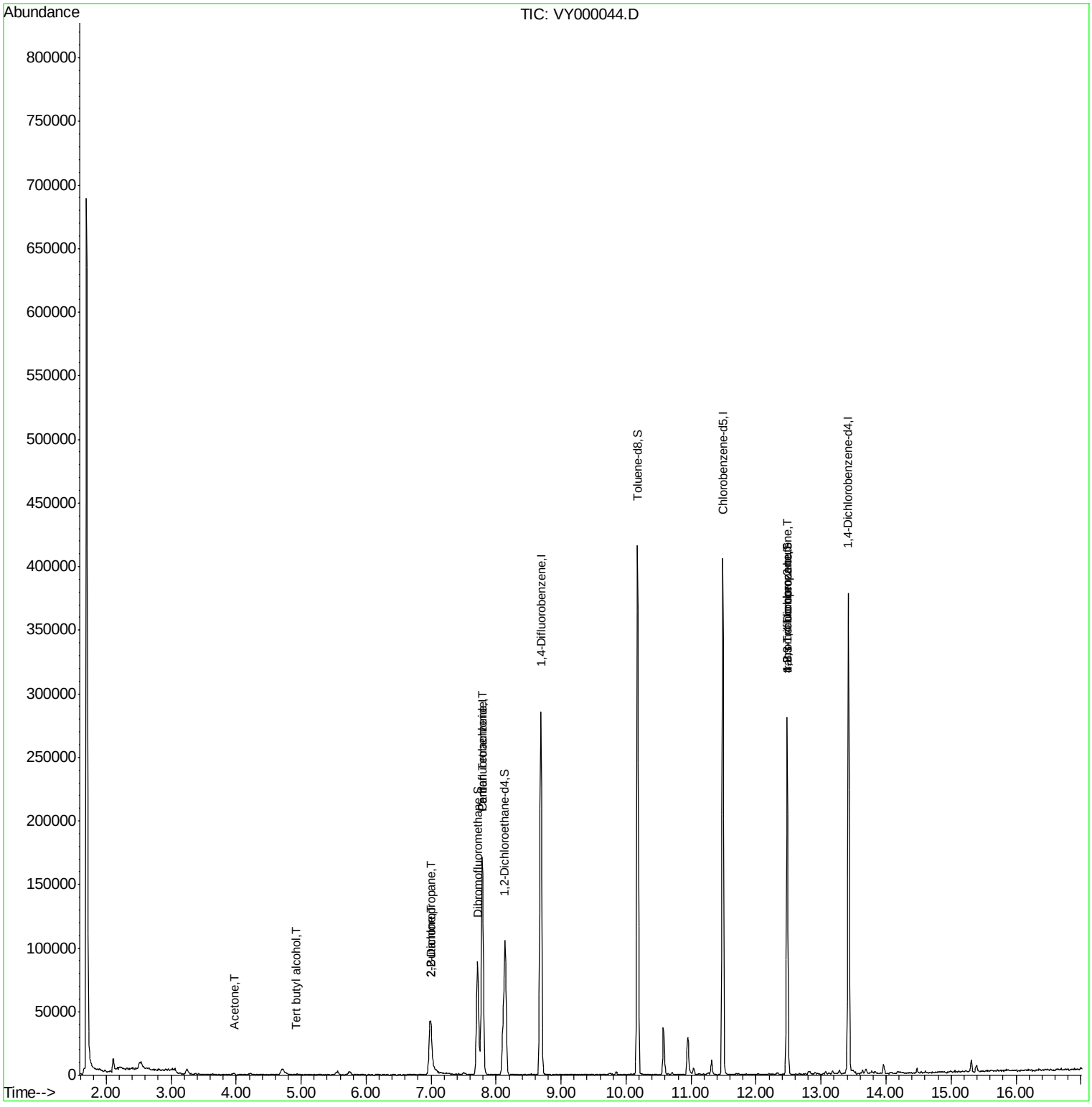
(#) = qualifier out of range (m) = manual integration (+) = signals summed

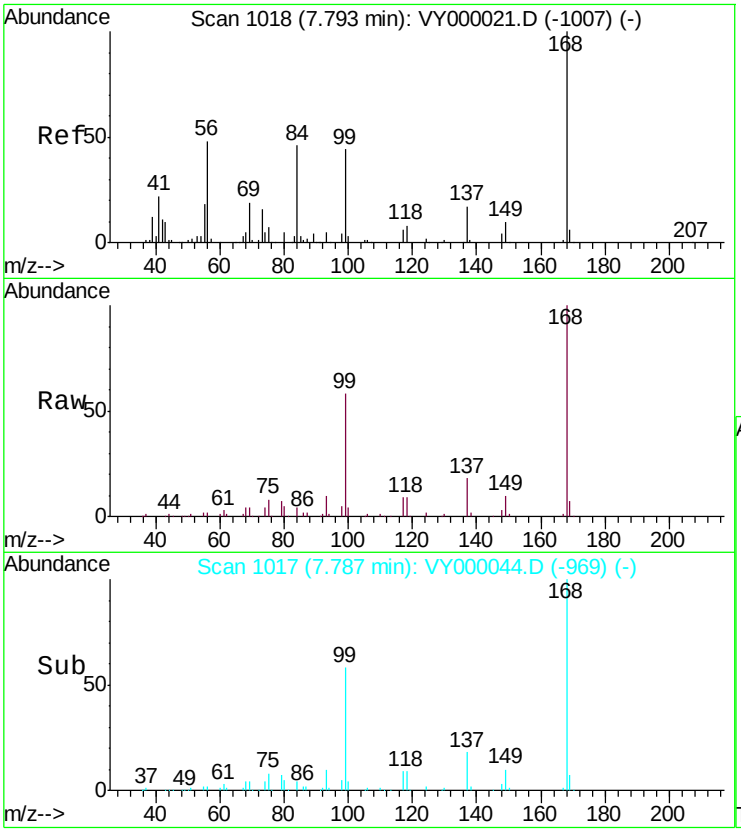
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091619\
Data File : VY000044.D
Acq On : 16 Sep 2019 13:33
Operator : SY/MD
Sample : VY0916SBL02
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Quant Time: Sep 17 05:56:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091219S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 12 16:17:30 2019
Response via : Initial Calibration



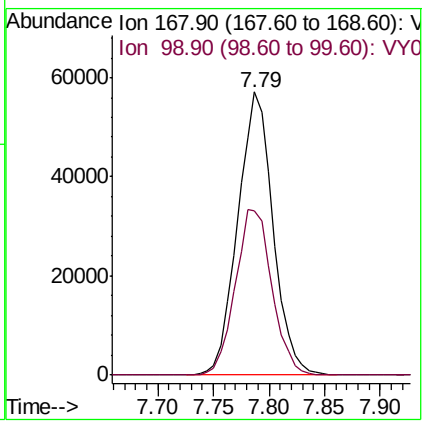


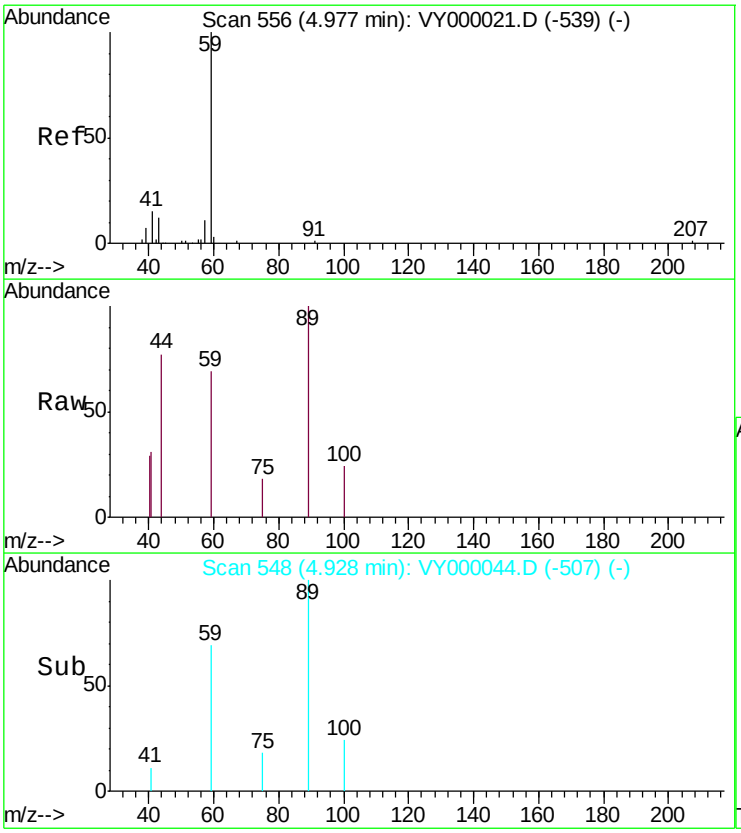
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion:168 Resp: 125670

Ion	Ratio	Lower	Upper
168	100		
99	58.0	46.3	69.5

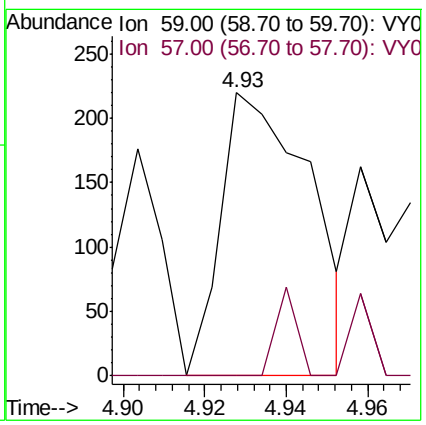


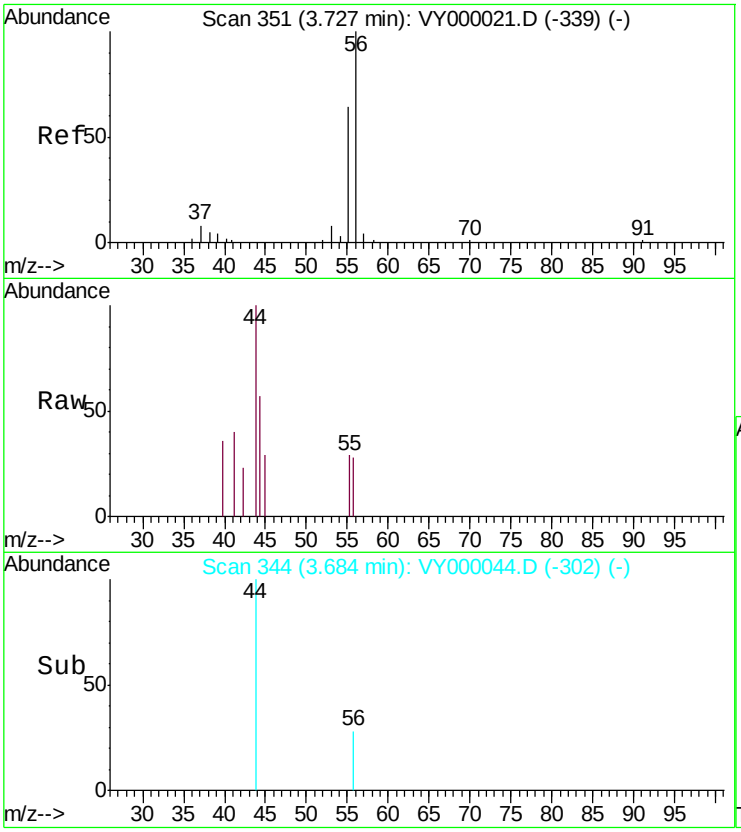


#11
Tert butyl alcohol
Concen: 1.941 ug/l
RT: 4.93 min Scan# 548
Delta R.T. -0.05 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion: 59 Resp: 334

Ion	Ratio	Lower	Upper
59	100		
57	7.5	8.3	12.5#



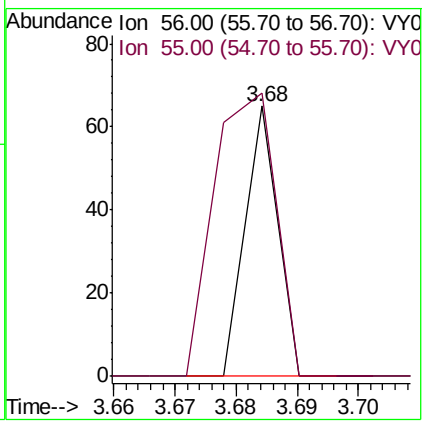


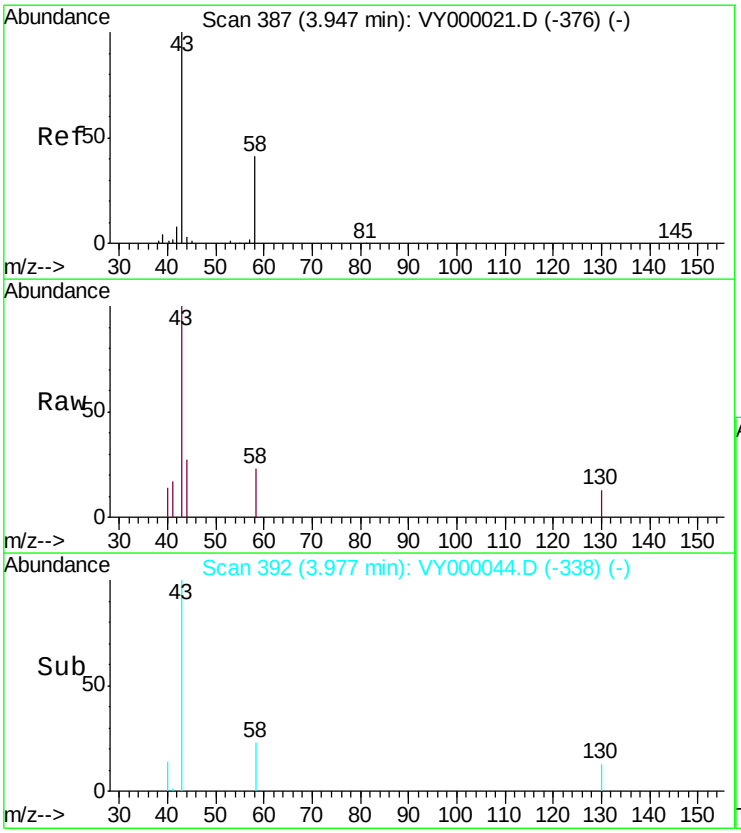
#13
Acrolein
Concen: Below Cal
RT: 3.68 min Scan# 344
Delta R.T. -0.04 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion: 56 Resp: 24

Ion	Ratio	Lower	Upper
56	100		
55	195.8	56.7	85.1#

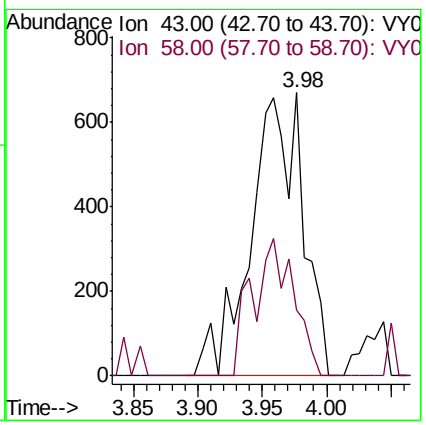


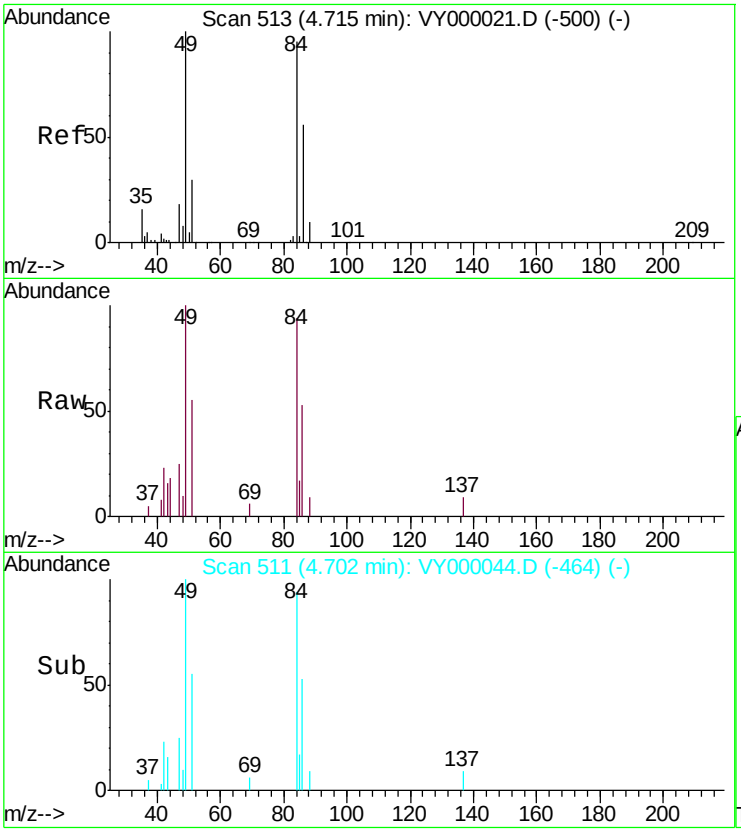


#16
Acetone
Concen: 4.952 ug/l
RT: 3.98 min Scan# 392
Delta R.T. 0.03 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion: 43 Resp: 1859

Ion	Ratio	Lower	Upper
43	100		
58	23.4	32.5	48.7#



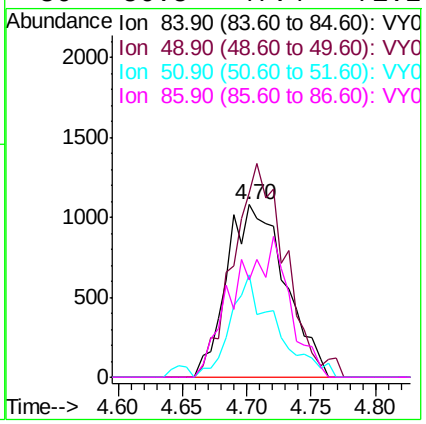


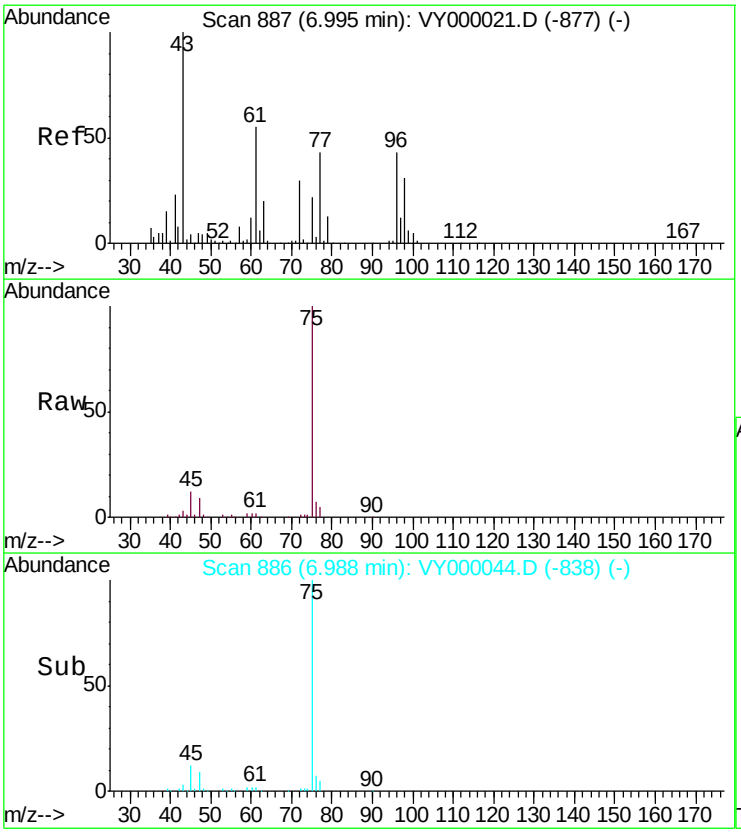
#20
Methylene Chloride
Concen: Below Cal
RT: 4.70 min Scan# 511
Delta R.T. -0.01 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion: 84 Resp: 3404

Ion	Ratio	Lower	Upper
84	100		
49	106.6	84.4	126.6
51	59.0	25.4	38.0#
86	56.5	47.4	71.2

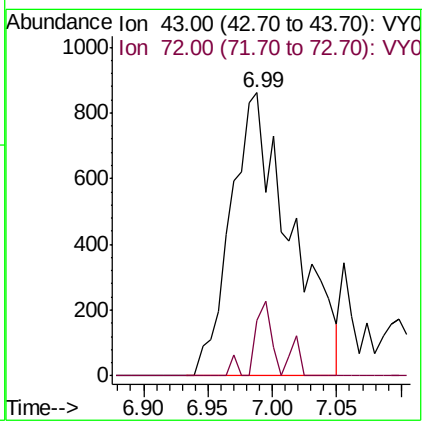


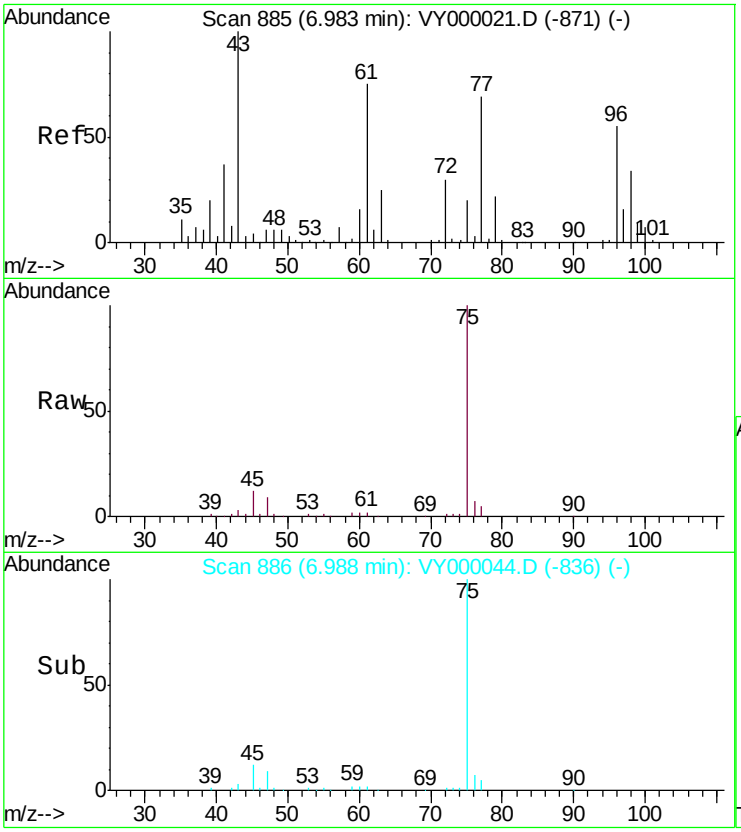


#25
2-Butanone
Concen: 4.576 ug/l
RT: 6.99 min Scan# 886
Delta R.T. -0.01 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion: 43 Resp: 2792

Ion	Ratio	Lower	Upper
43	100		
72	19.4	24.1	36.1#



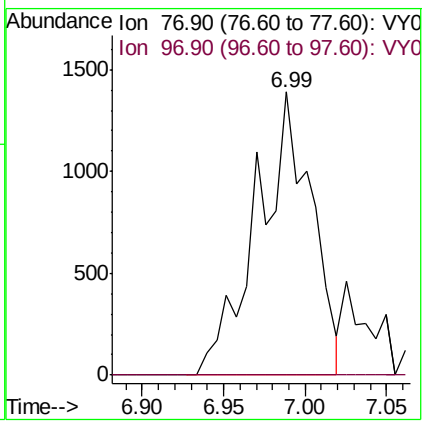


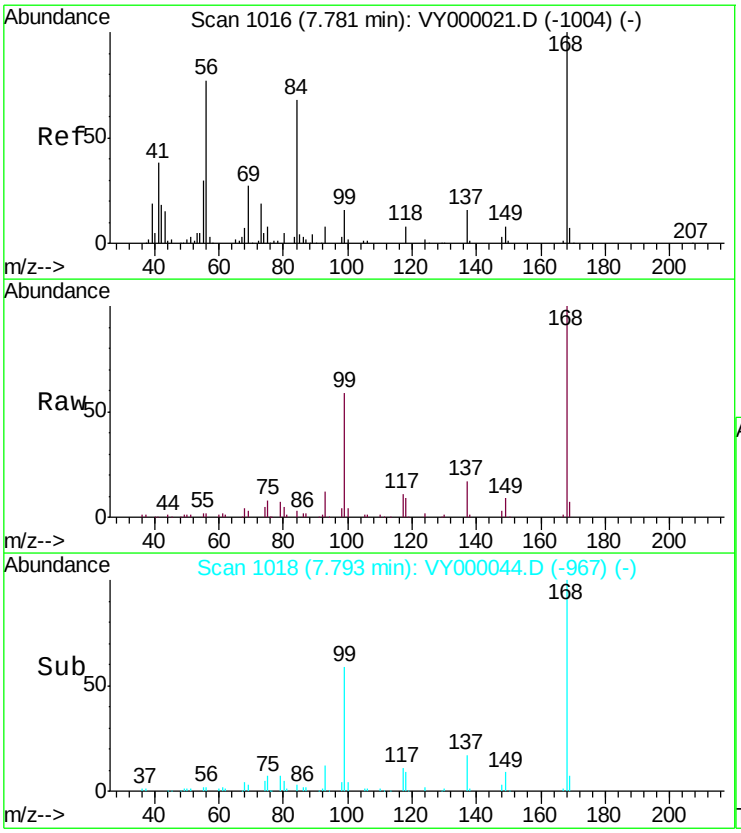
#26
2,2-Dichloropropane
Concen: 1.474 ug/l
RT: 6.99 min Scan# 886
Delta R.T. 0.01 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion: 77 Resp: 3221

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.0	36.1#

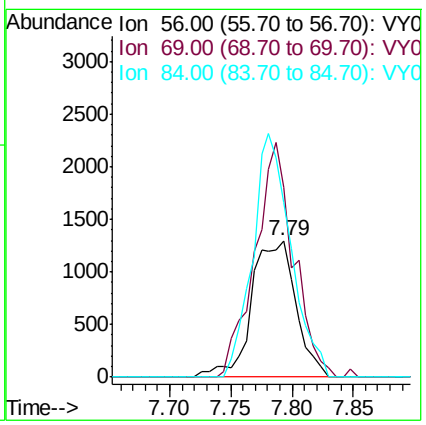


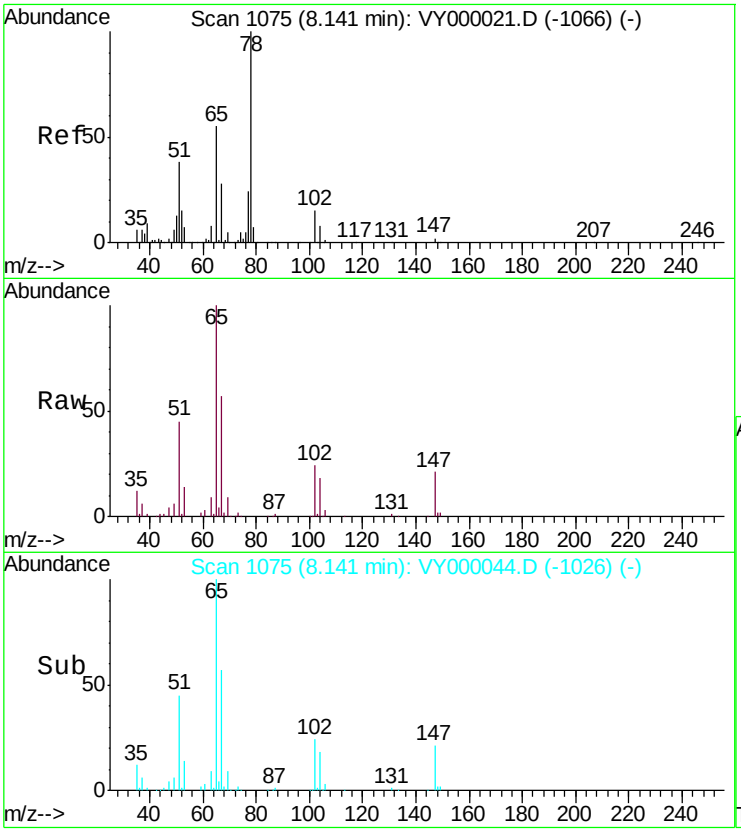


#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion: 56 Resp: 3264

Ion	Ratio	Lower	Upper
56	100		
69	139.2	28.0	42.0#
84	128.1	70.4	105.6#



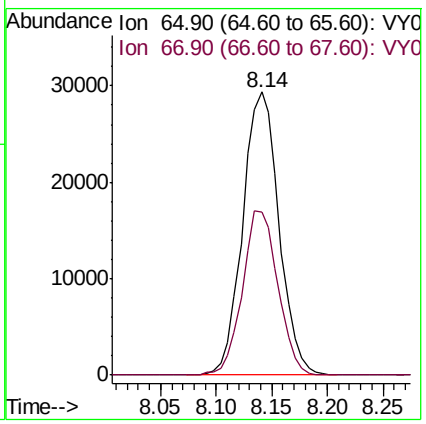


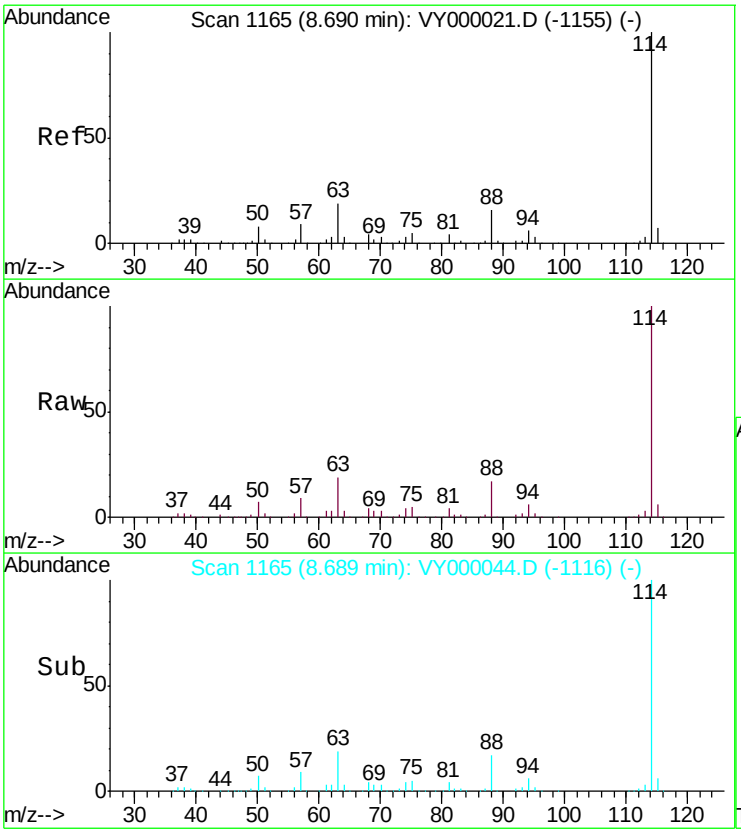
#33
1,2-Dichloroethane-d4
Concen: 49.192 ug/l
RT: 8.14 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument : MSVOA_Y
ClientSampleId : VY0916SBL02

Tgt Ion: 65 Resp: 66593

Ion	Ratio	Lower	Upper
65	100		
67	56.4	0.0	104.4

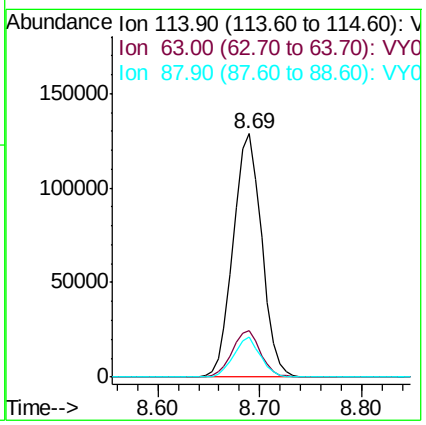


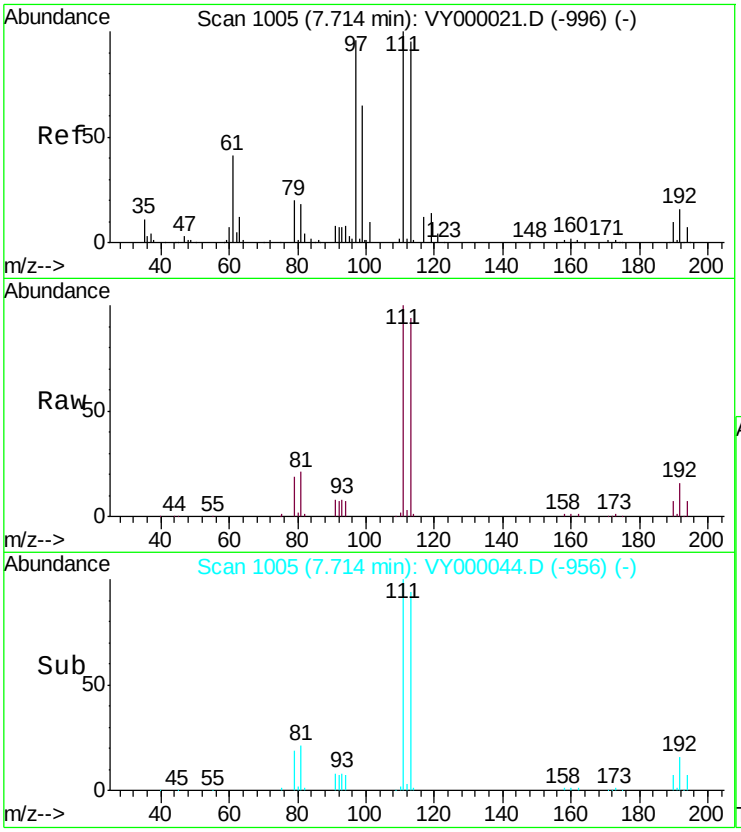


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion:114 Resp: 249340

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.6
88	16.7	0.0	31.8



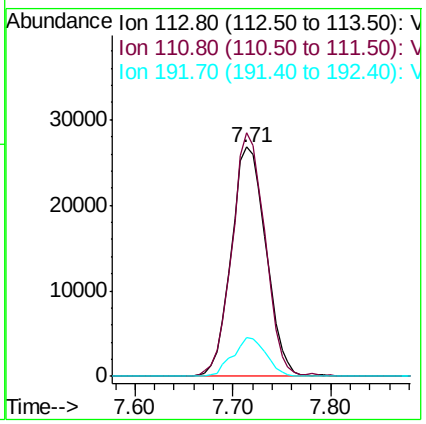


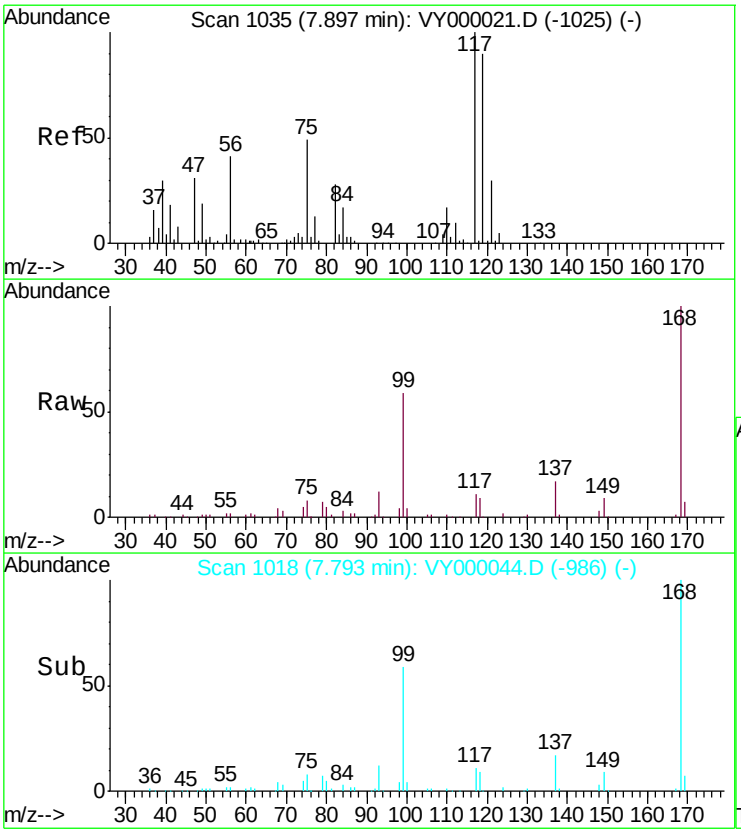
#35
Dibromofluoromethane
Concen: 46.384 ug/l
RT: 7.71 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion:113 Resp: 66350

Ion	Ratio	Lower	Upper
113	100		
111	100.8	83.9	125.9
192	16.1	14.5	21.7

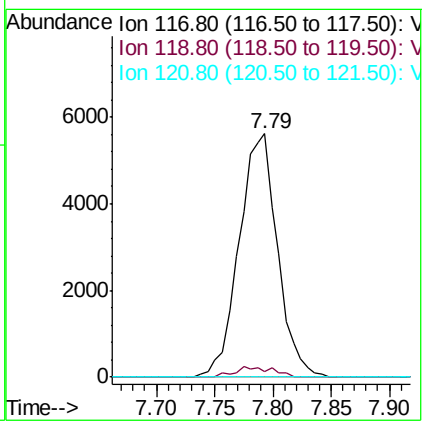


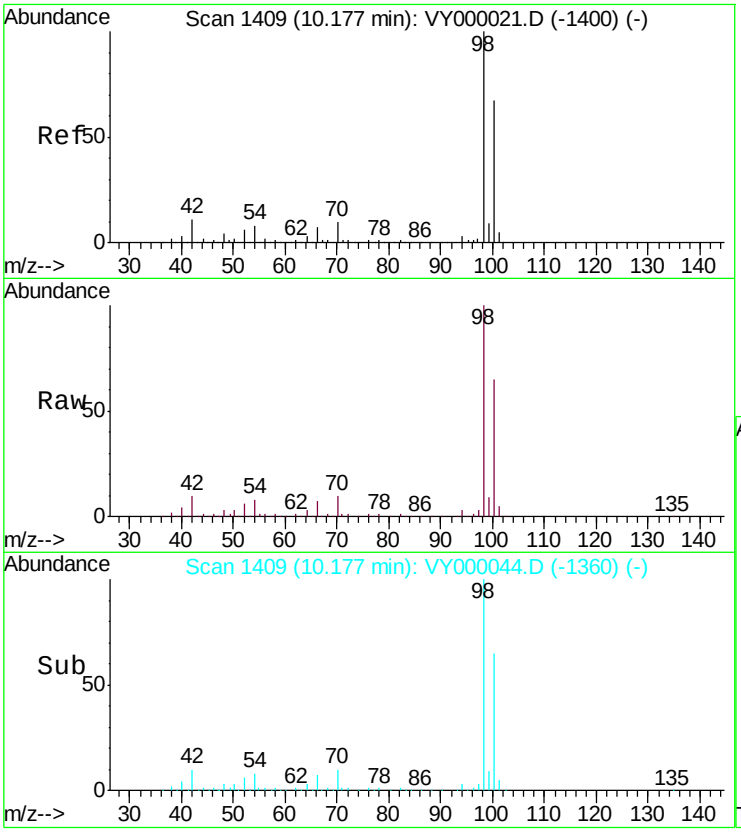


#38
Carbon Tetrachloride
Concen: 7.439 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.10 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion:117 Resp: 12855

Ion	Ratio	Lower	Upper
117	100		
119	2.5	72.1	108.1#
121	0.0	23.9	35.9#



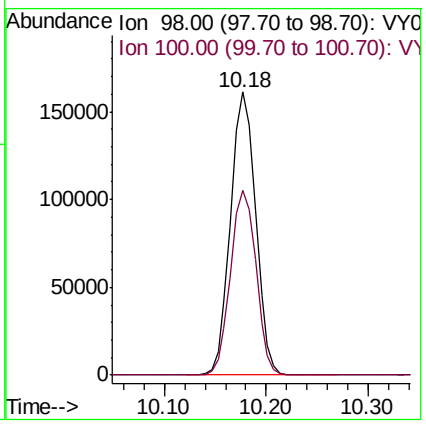


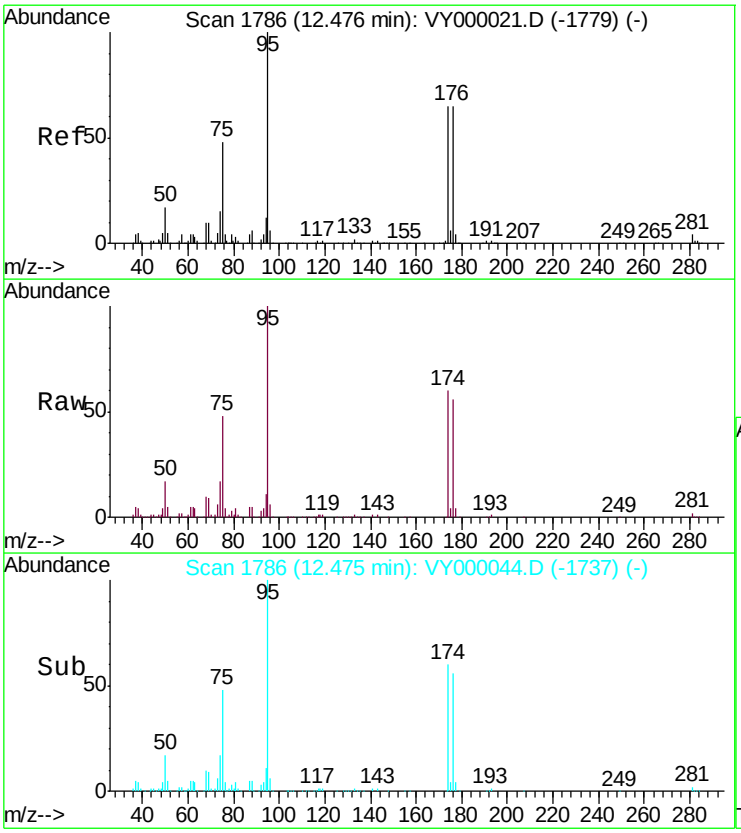
#50
Toluene-d8
Concen: 47.589 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion: 98 Resp: 274080

Ion	Ratio	Lower	Upper
98	100		
100	66.1	54.0	81.0

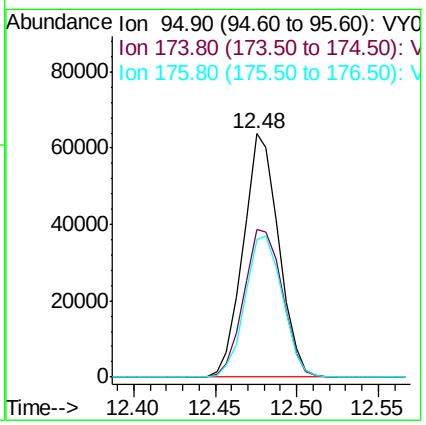


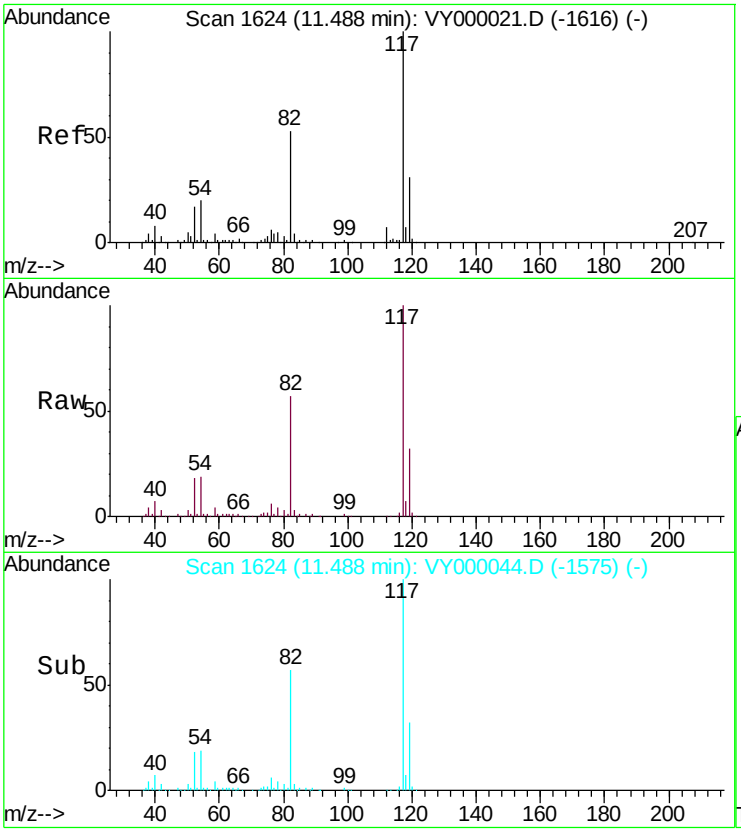


#62
4-Bromofluorobenzene
Concen: 46.340 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion: 95 Resp: 97005

Ion	Ratio	Lower	Upper
95	100		
174	65.6	0.0	137.6
176	61.3	0.0	134.8



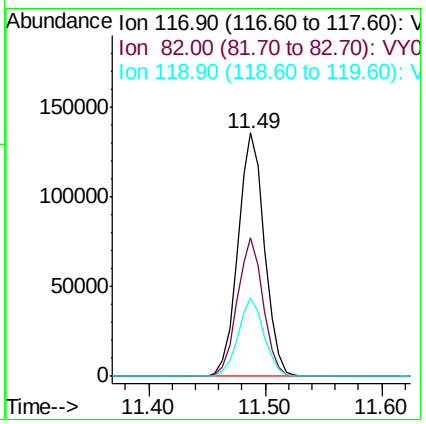


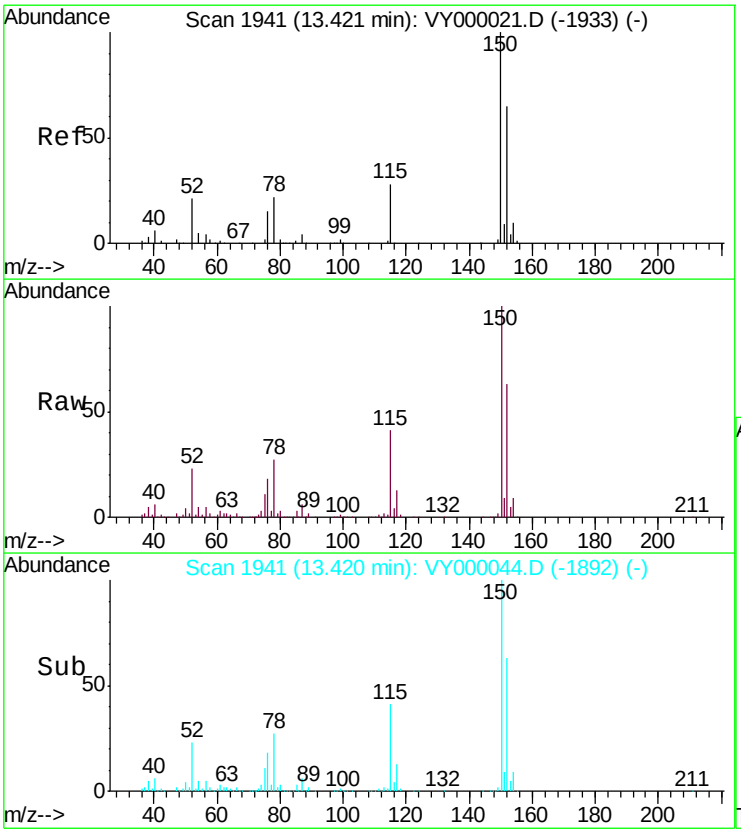
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument : MSVOA_Y
ClientSampleId : VY0916SBL02

Tgt Ion:117 Resp: 214475

Ion	Ratio	Lower	Upper
117	100		
82	57.0	42.5	63.7
119	32.0	25.1	37.7

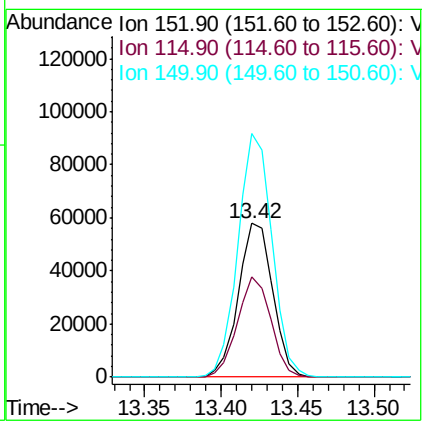


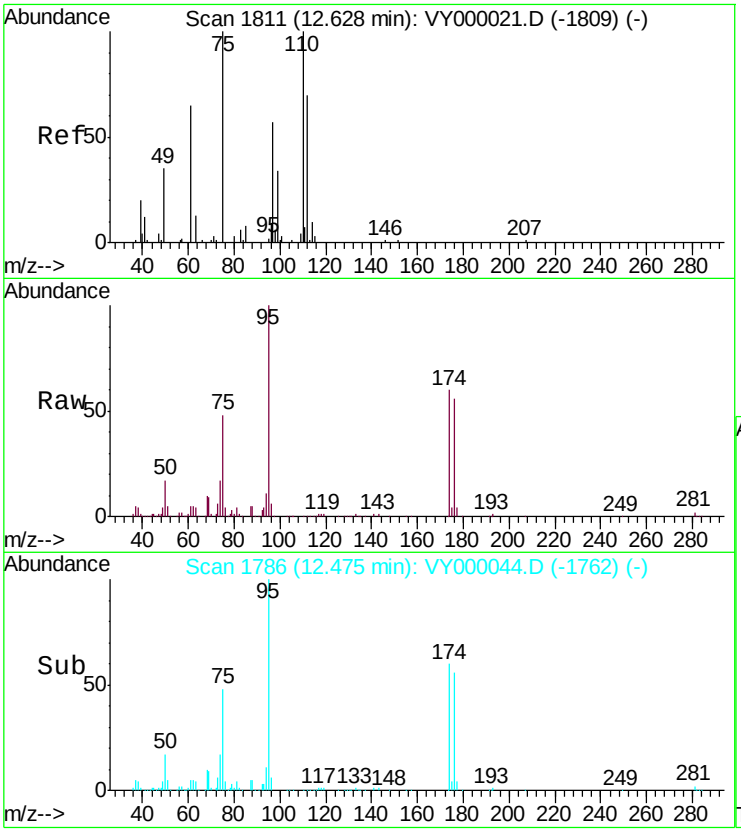


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion:152 Resp: 90243

Ion	Ratio	Lower	Upper
152	100		
115	63.6	29.4	88.2
150	157.2	0.0	349.0



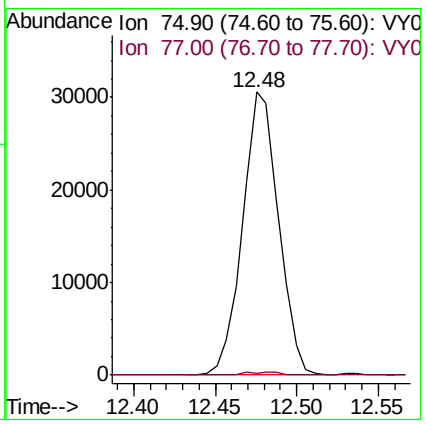


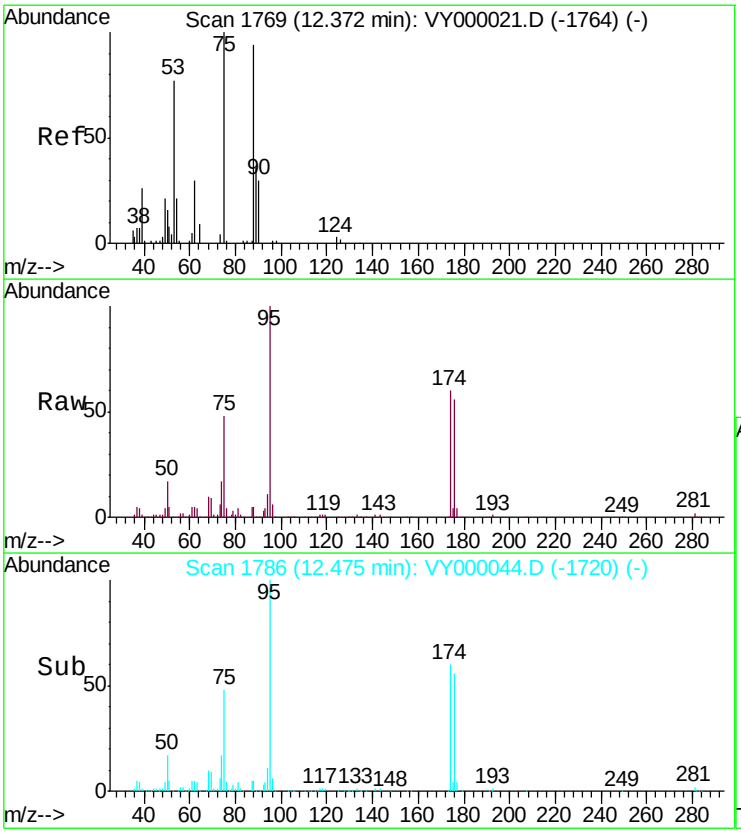
#76
1,2,3-Trichloropropane
Concen: 37.593 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.15 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion: 75 Resp: 47121

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#

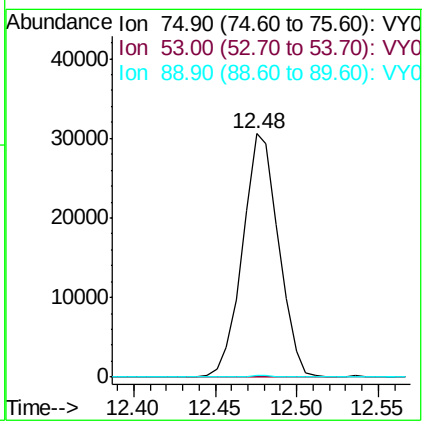


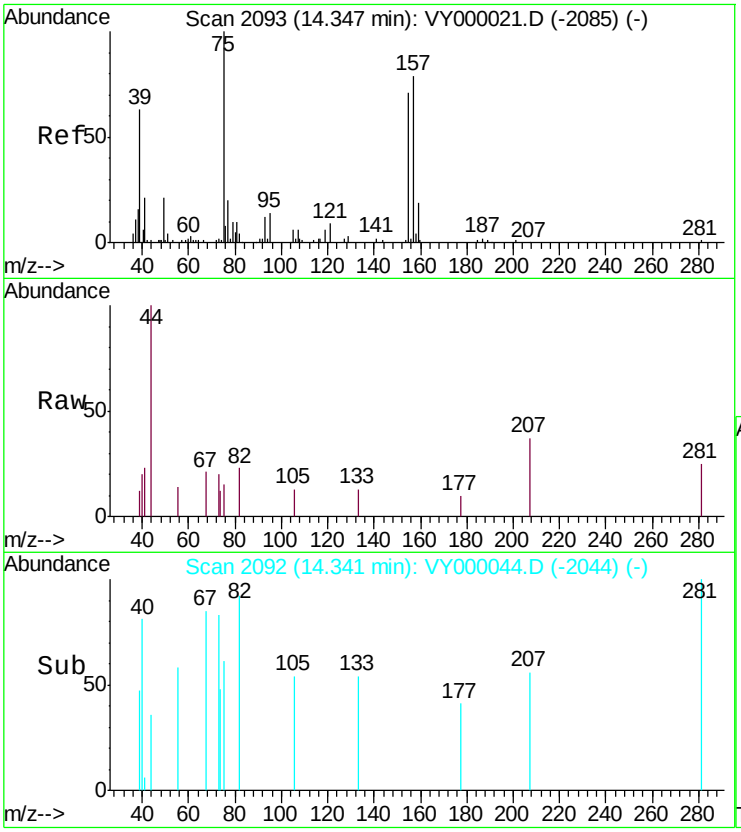


#81
trans-1,4-Dichloro-2-butene
Concen: 74.569 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Tgt Ion: 75 Resp: 47121

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.2	96.2#
89	0.3	35.5	53.3#





#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.34 min Scan# 2092
Delta R.T. -0.01 min
Lab File: VY000044.D
Acq: 16 Sep 2019 13:33

Instrument :
MSVOA_Y
ClientSampleId :
VY0916SBL02

Tgt Ion: 75 Resp: 52

Ion	Ratio	Lower	Upper
75	100		
155	0.0	41.8	125.3#
157	0.0	51.3	153.9#