Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY092019\
Data File : VY000116.D
Acq On : 20 Sep 2019 18:24
Operator : SY/MD
Sample : K4938-01
Misc : 5.05g/5.00ml/MSVOA Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:49:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	82677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	177780	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	150334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	52894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	55432	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.56%			
35) Dibromofluoromethane	7.72	113	51119	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.98%			
50) Toluene-d8	10.18	98	215740	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.06%			
62) 4-Bromofluorobenzene	12.48	95	66273	42.22	ug/l	0.00
Spiked Amount 50.000			Recovery = 84.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.12	85	22	Below Cal	#	42
3) Chloromethane	2.11	50	1713	Below Cal		92
5) Bromomethane	2.66	94	27	Below Cal	#	6
11) Tert butyl alcohol	4.96	59	285	2.527 ug/l		98
13) Acrolein	3.72	56	20	Below Cal	#	13
16) Acetone	3.96	43	1626	7.342 ug/l	#	58
17) Carbon Disulfide	4.18	76	87	Below Cal	#	77
20) Methylene Chloride	4.71	84	9120	8.754 ug/l	#	78
25) 2-Butanone	6.99	43	990	2.468 ug/l	#	44
26) 2,2-Dichloropropane	6.98	77	1572	1.010 ug/l	#	50
29) Tetrahydrofuran	7.35	42	164593	683.480 ug/l		100
31) Cyclohexane	7.79	56	2119	Below Cal	#	21
36) 1,1-Dichloropropene	7.79	75	9026	6.790 ug/l	#	43
37) Ethyl Acetate	6.99	43	990	1.117 ug/l	#	14
38) Carbon Tetrachloride	7.79	117	8781	6.999 ug/l	#	17
41) Methacrylonitrile	7.35	41	84226	157.544 ug/l	#	38
76) 1,2,3-Trichloropropane	12.48	75	33179	44.583 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	33179	85.743 ug/l	#	19

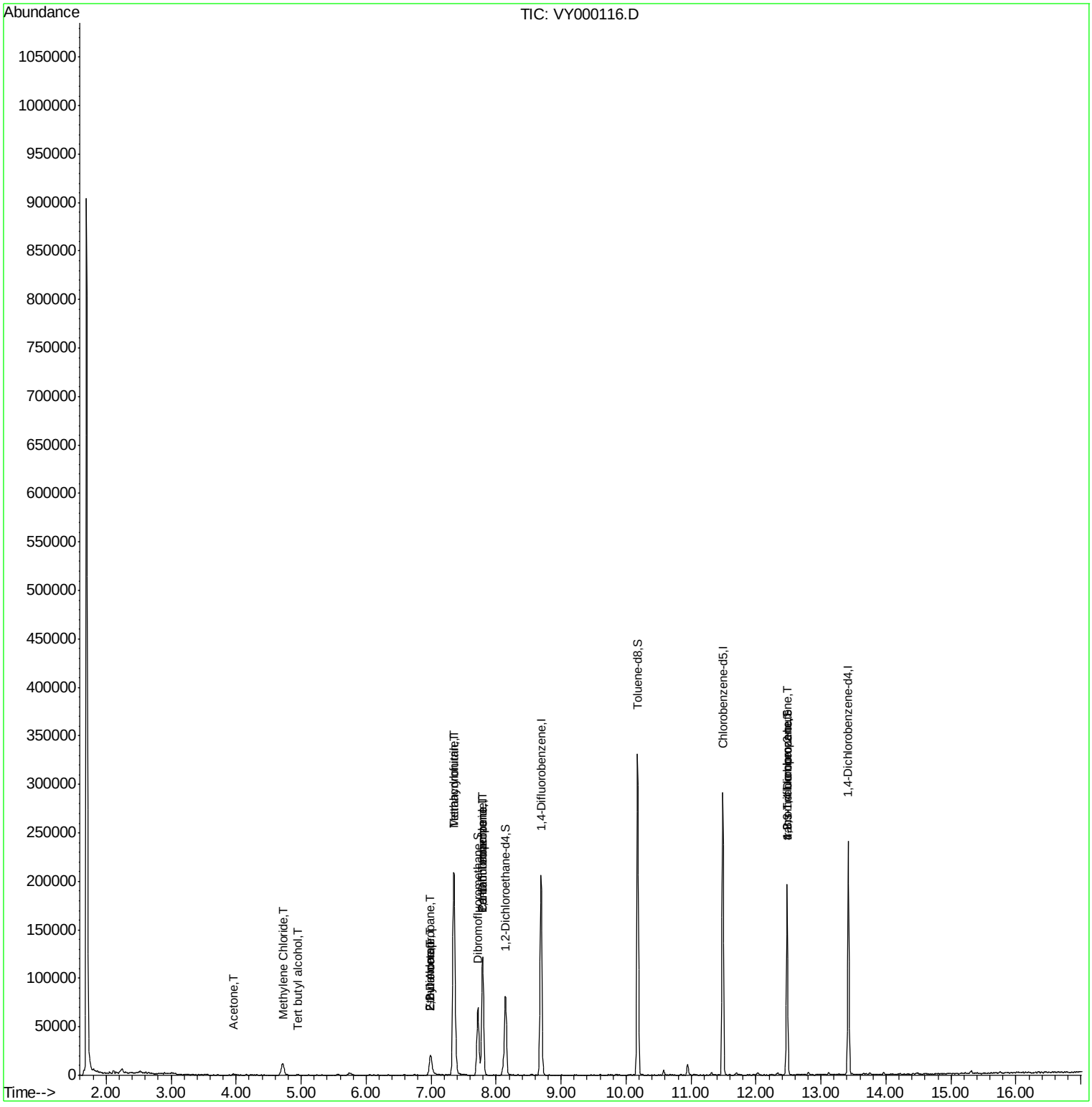
(#) = qualifier out of range (m) = manual integration (+) = signals summed

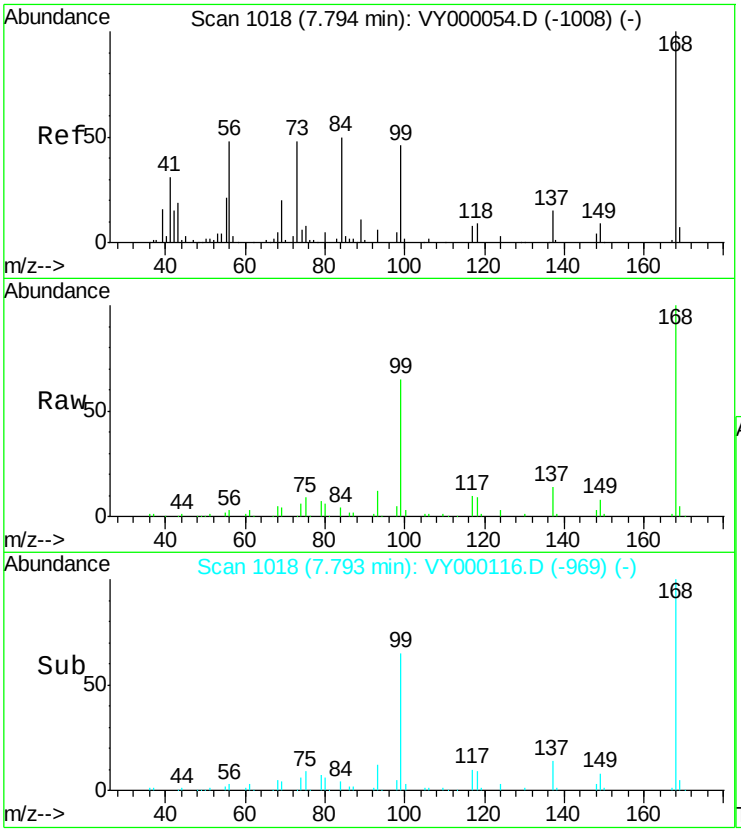
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092019\
Data File : VY000116.D
Acq On : 20 Sep 2019 18:24
Operator : SY/MD
Sample : K4938-01
Misc : 5.05g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 20 23:49:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration



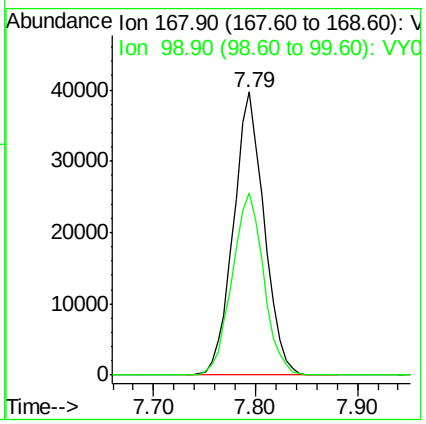


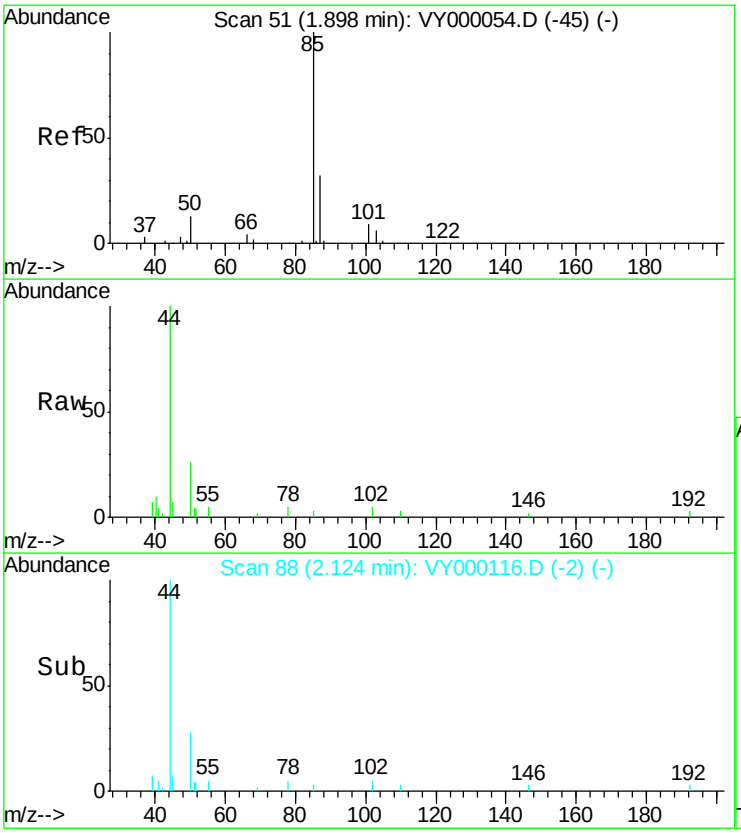
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 82677

Ion	Ratio	Lower	Upper
168	100		
99	64.5	44.2	66.2

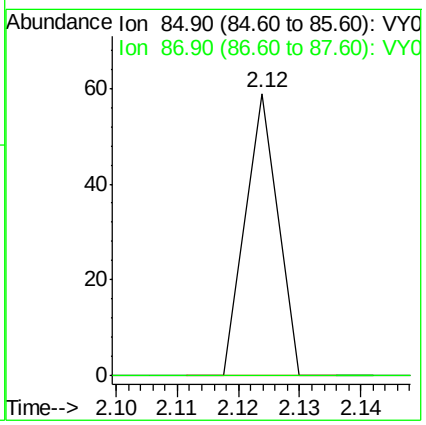


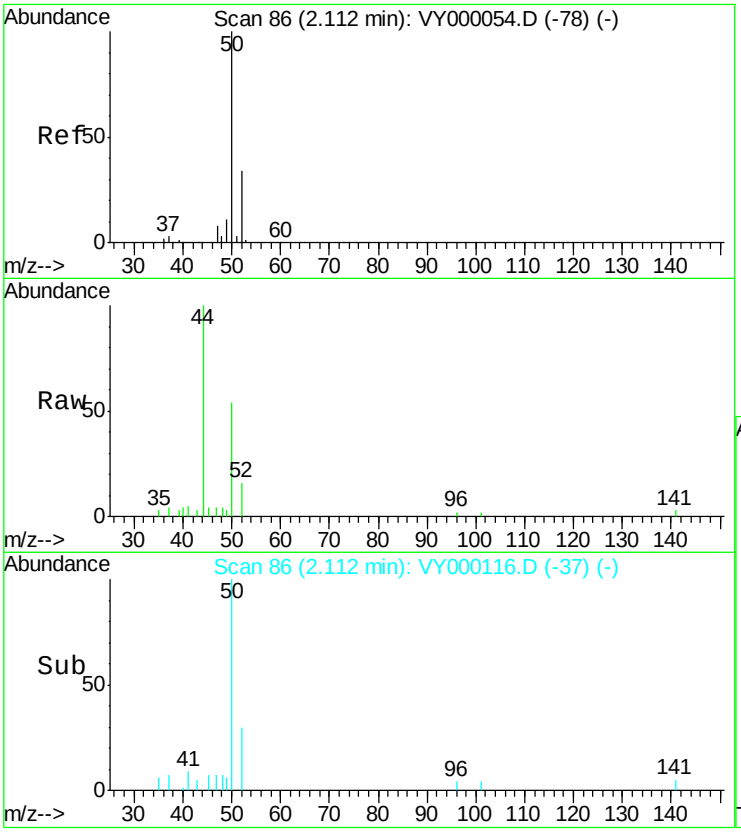


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.12 min Scan# 88
Delta R.T. 0.23 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 85 Resp: 22

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



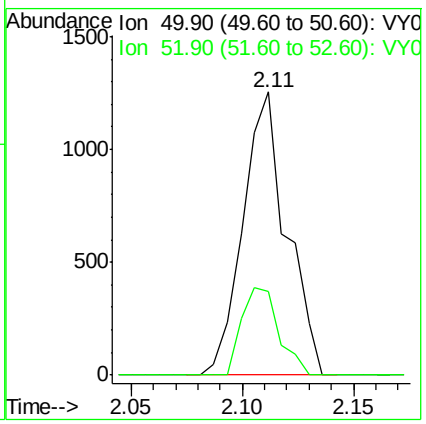


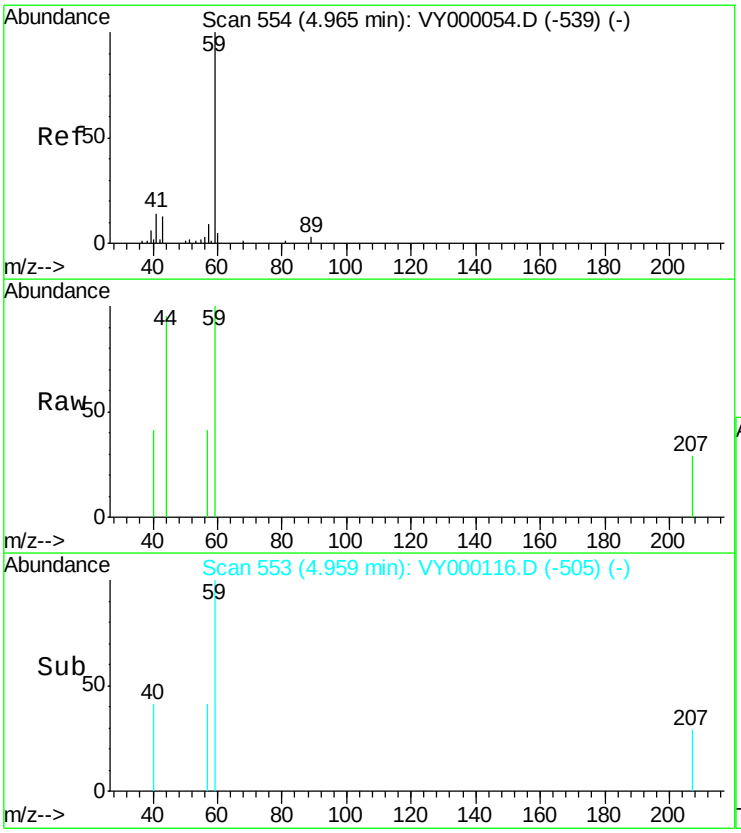
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 1713

Ion	Ratio	Lower	Upper
50	100		
52	29.7	27.3	40.9

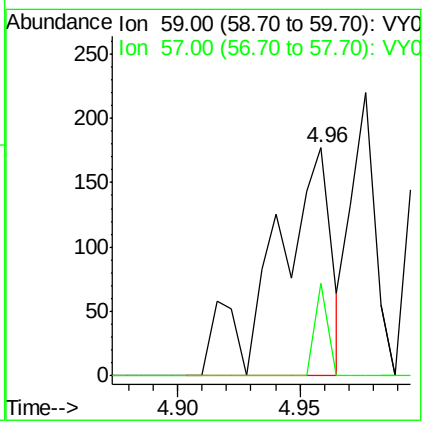


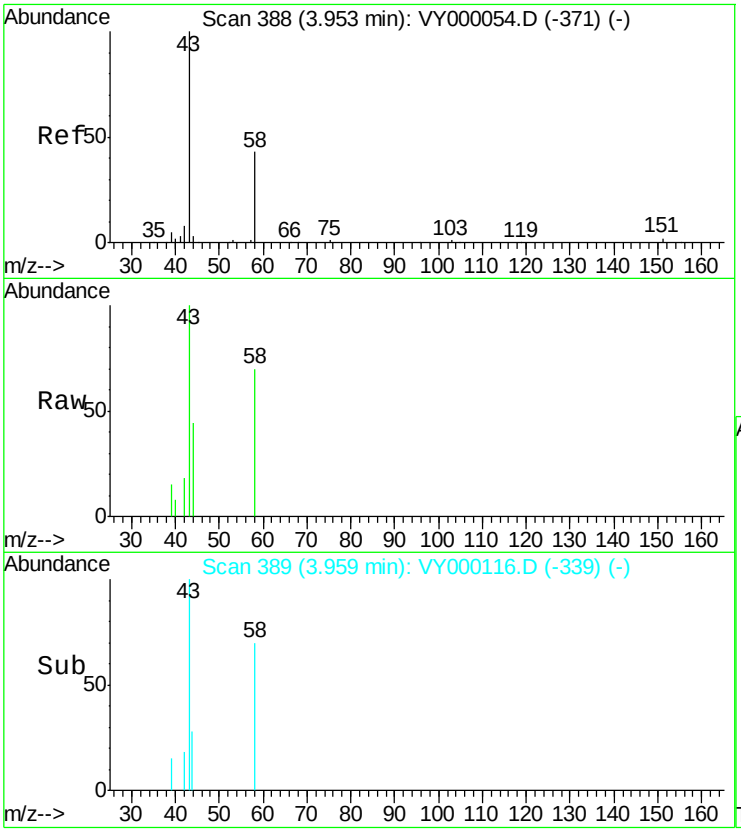


#11
Tert butyl alcohol
Concen: 2.527 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 59 Resp: 285

Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.0	12.0



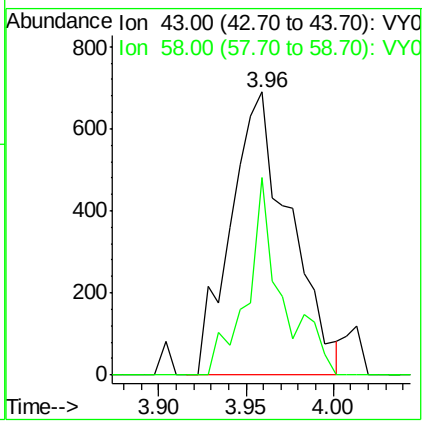


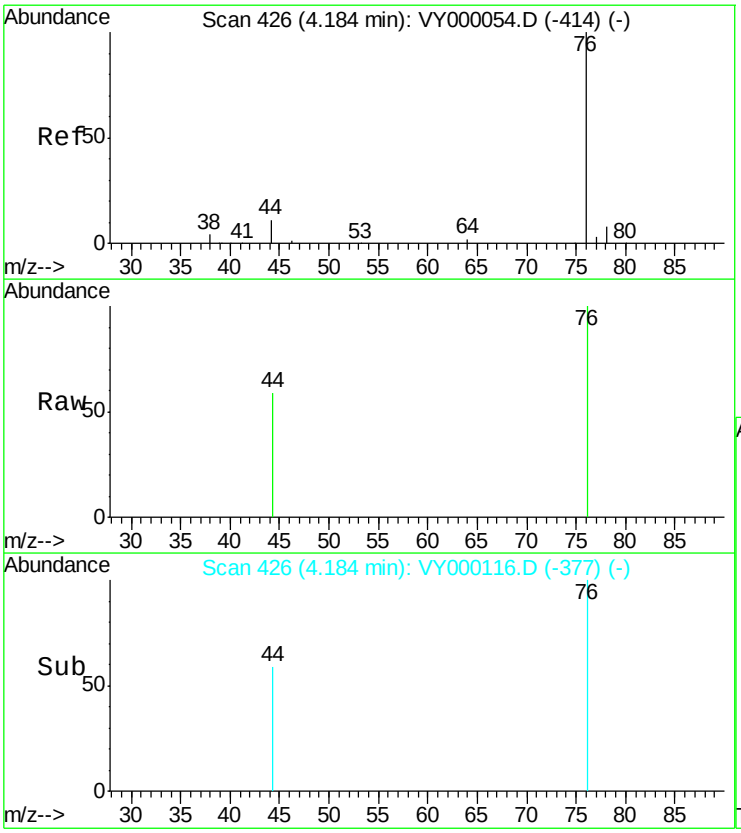
#16
Acetone
Concen: 7.342 ug/l
RT: 3.96 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 1626

Ion	Ratio	Lower	Upper
43	100		
58	70.0	34.5	51.7#

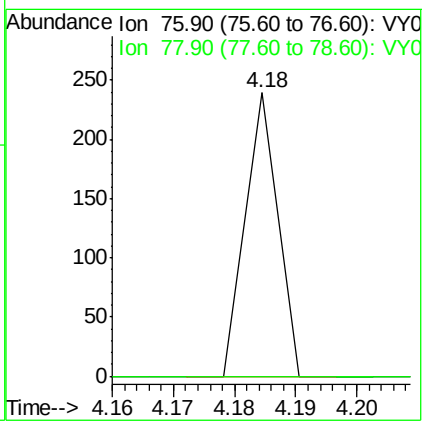


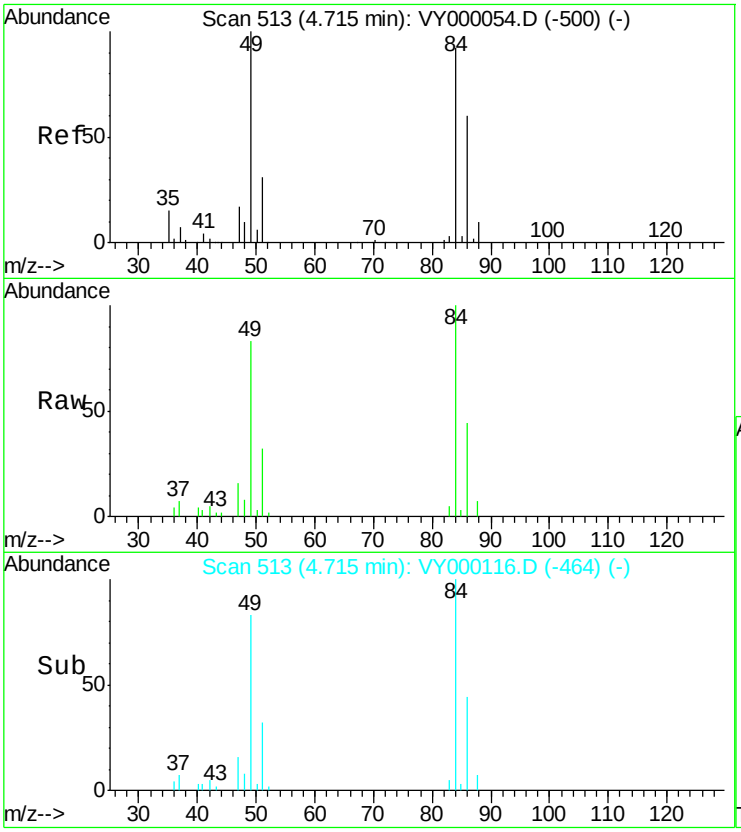


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.18 min Scan# 426
Delta R.T. 0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 76 Resp: 87

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



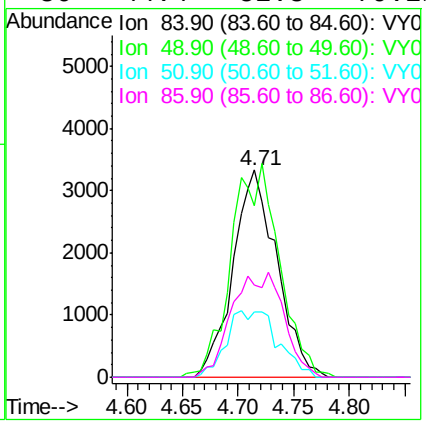


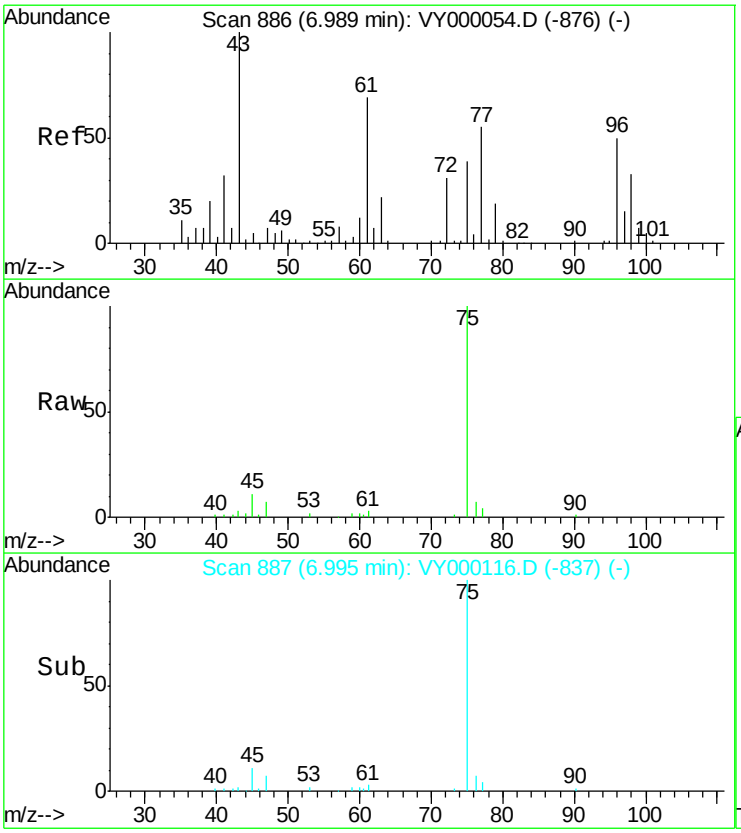
#20
Methylene Chloride
Concen: 8.754 ug/l
RT: 4.71 min Scan# 513
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 9120

Ion	Ratio	Lower	Upper
84	100		
49	82.8	87.4	131.0#
51	31.5	27.2	40.8
86	44.4	52.8	79.2#

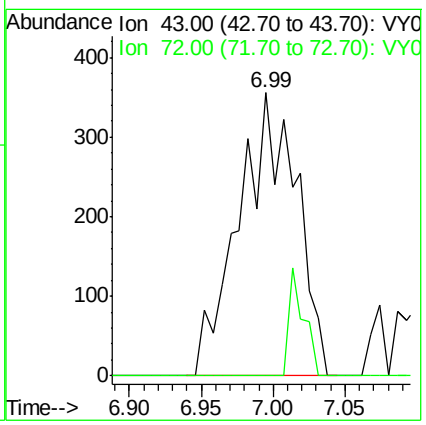


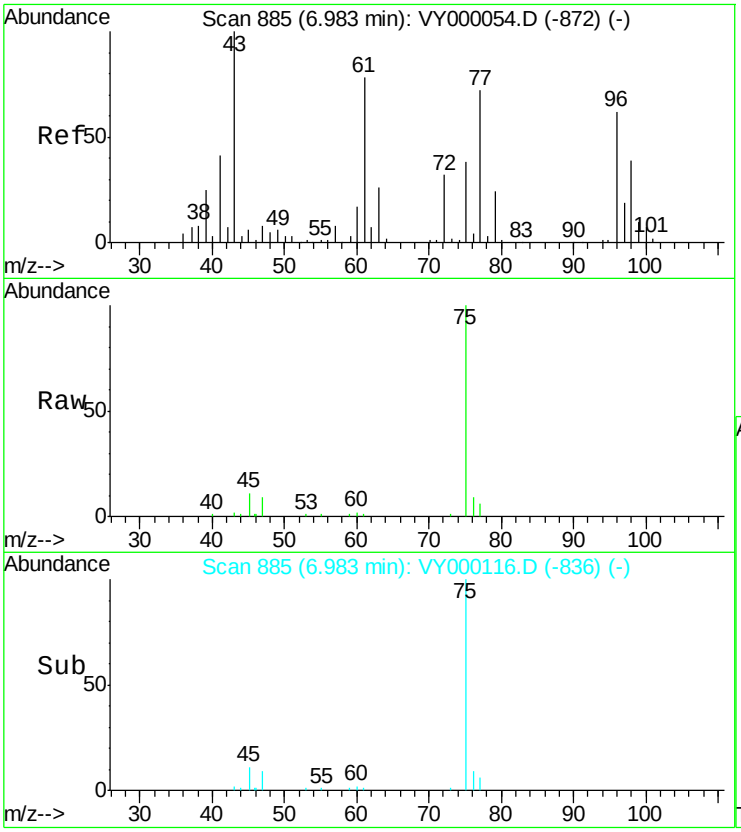


#25
2-Butanone
Concen: 2.468 ug/l
RT: 6.99 min Scan# 887
Delta R.T. 0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 43 Resp: 990

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.7	37.1#



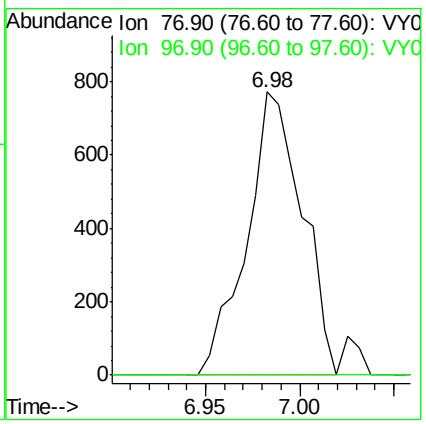


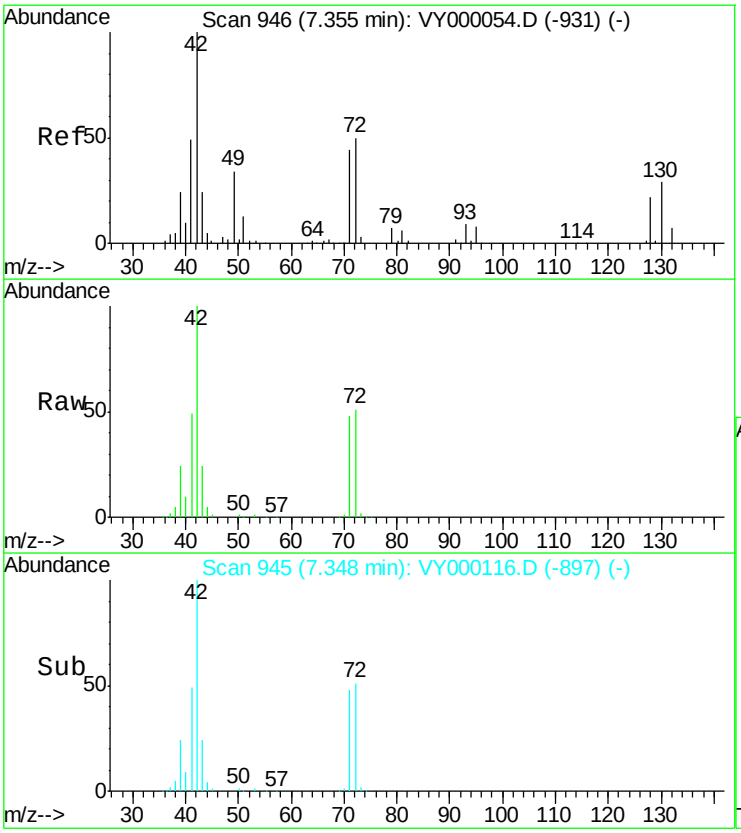
#26
2,2-Dichloropropane
Concen: 1.010 ug/l
RT: 6.98 min Scan# 885
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 77 Resp: 1572

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.5	37.5#

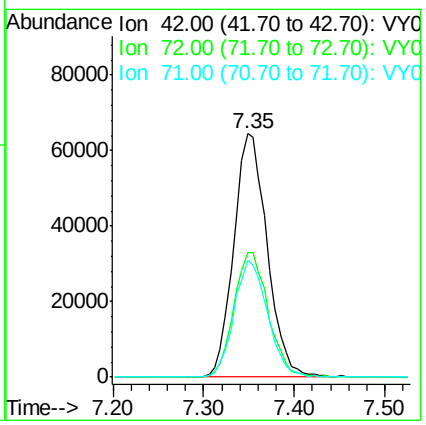


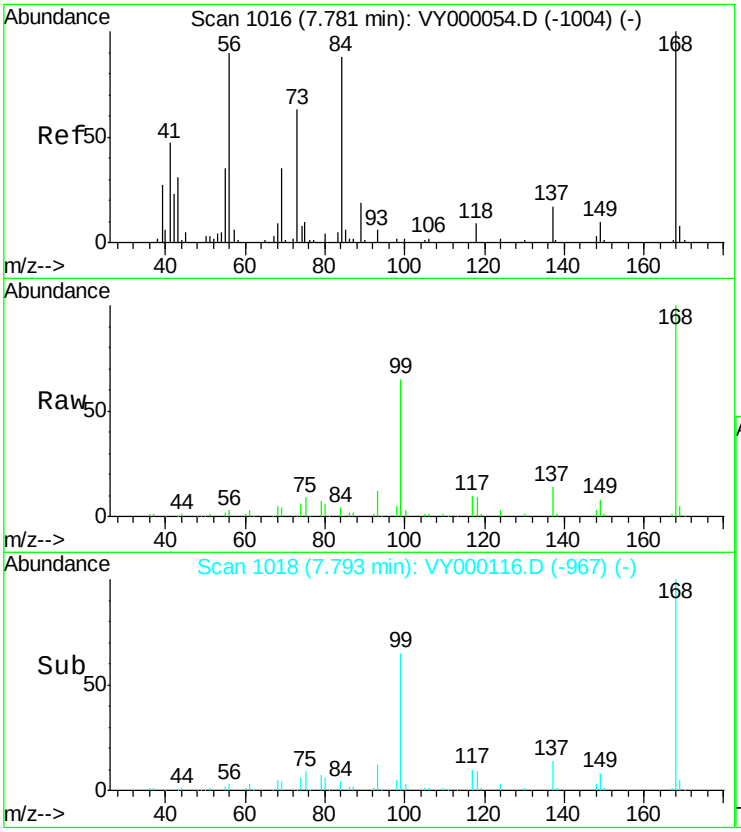


#29
Tetrahydrofuran
Concen: 683.480 ug/l
RT: 7.35 min Scan# 945
Delta R.T. -0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 42 Resp: 164593

Ion	Ratio	Lower	Upper
42	100		
72	52.8	41.8	62.6
71	48.3	38.6	58.0



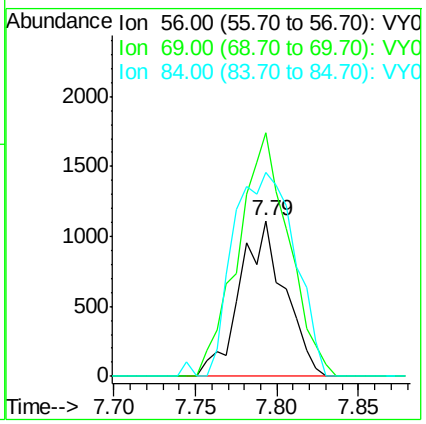


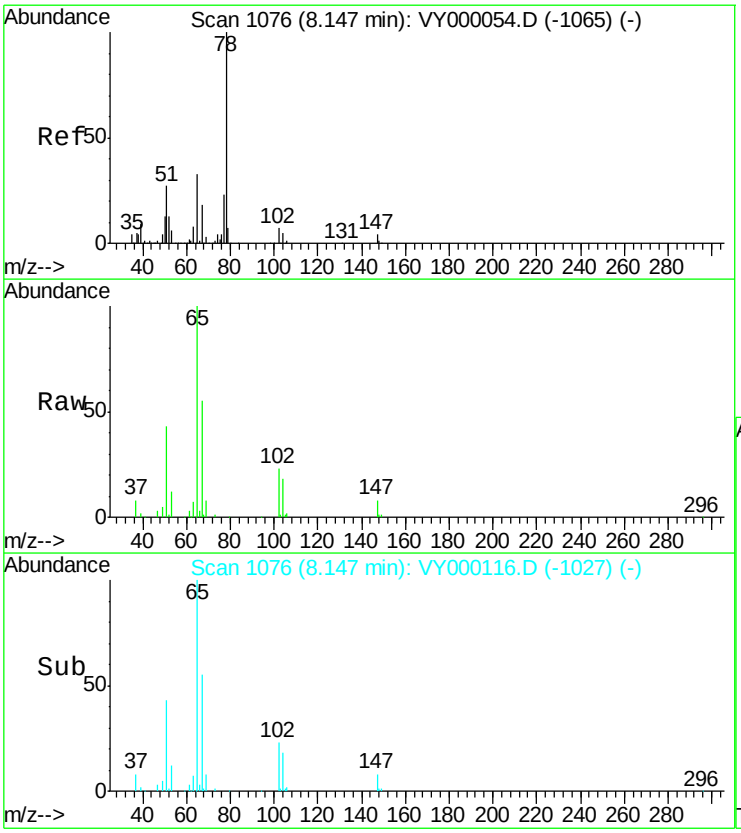
#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 56 Resp: 2119

Ion	Ratio	Lower	Upper
56	100		
69	156.3	30.9	46.3#
84	131.2	78.5	117.7#

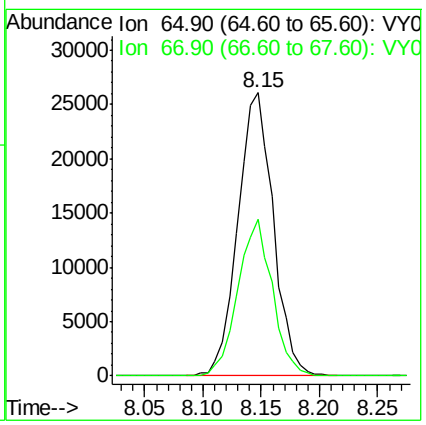


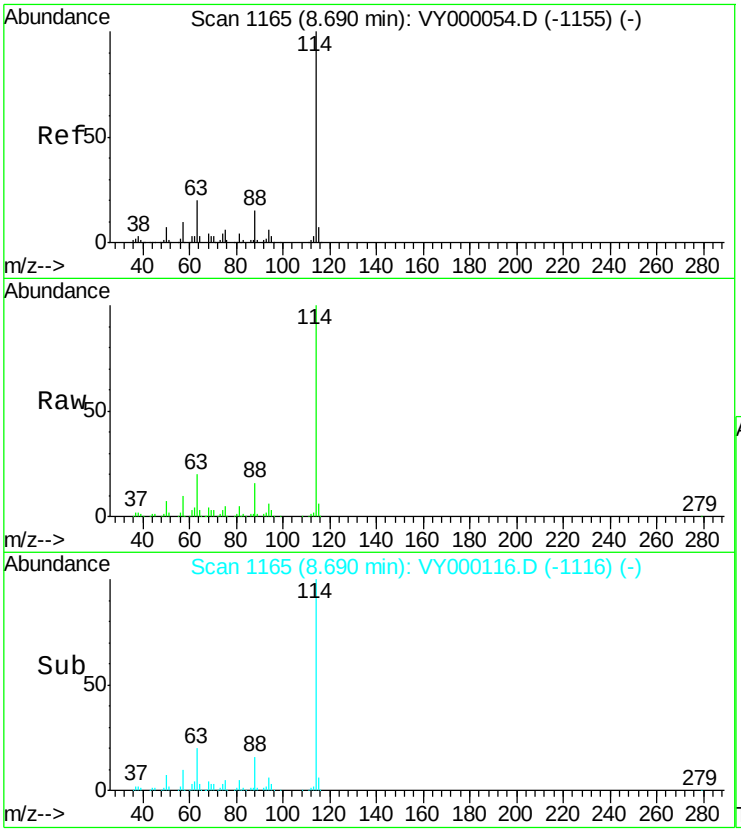


#33
1,2-Dichloroethane-d4
Concen: 58.275 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 65 Resp: 55432

Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.0



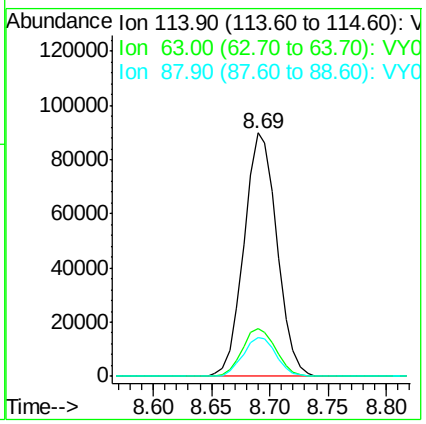


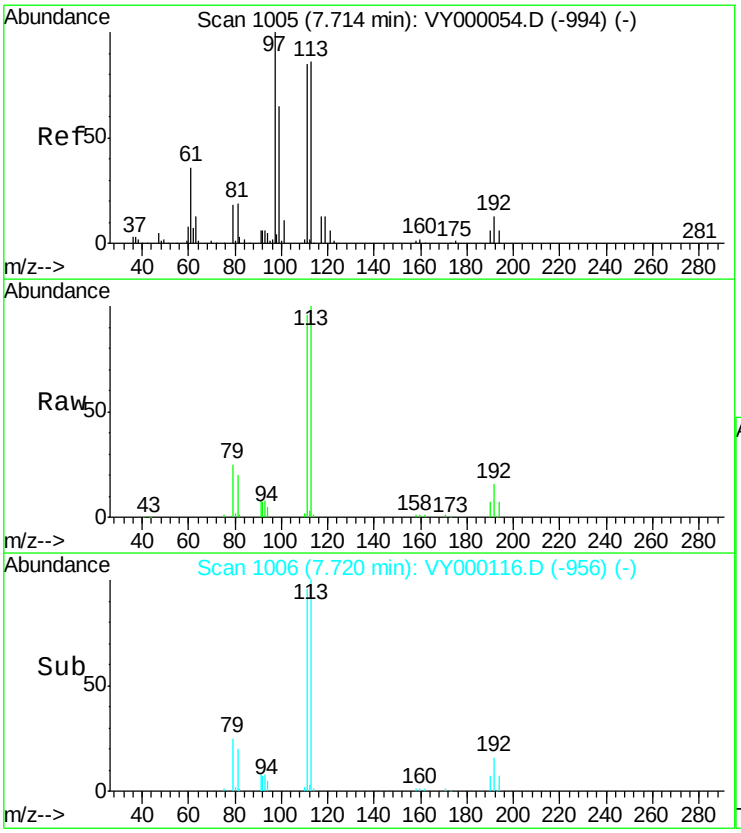
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:114 Resp: 177780

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.4
88	16.0	0.0	30.2

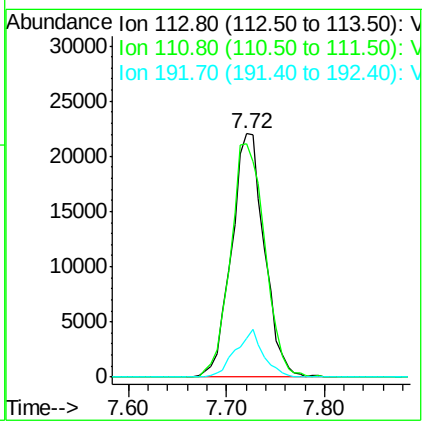


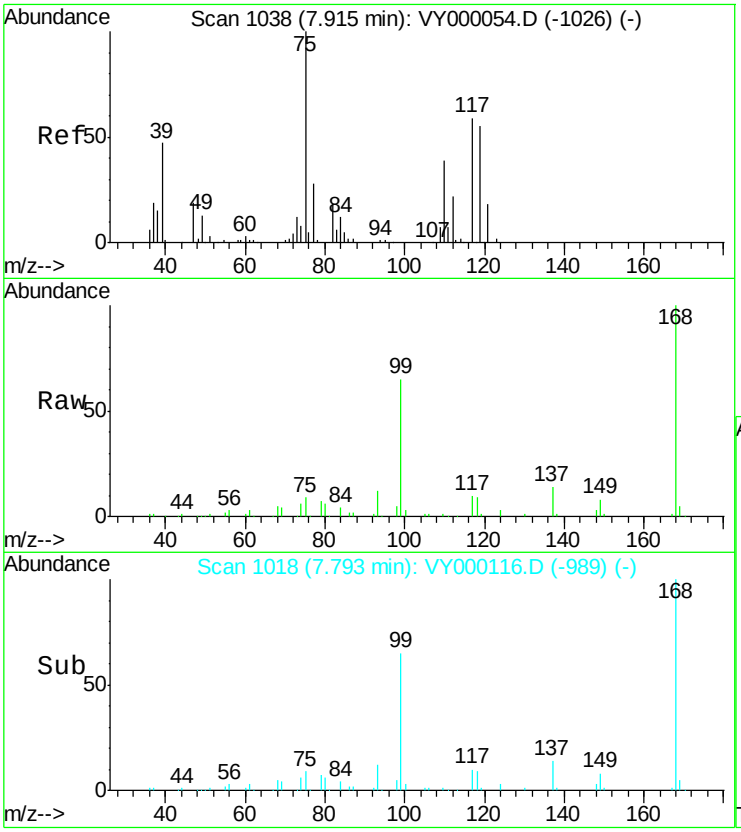


#35
Dibromofluoromethane
Concen: 47.490 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion:113 Resp: 51119

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.7	122.5
192	16.5	13.4	20.2



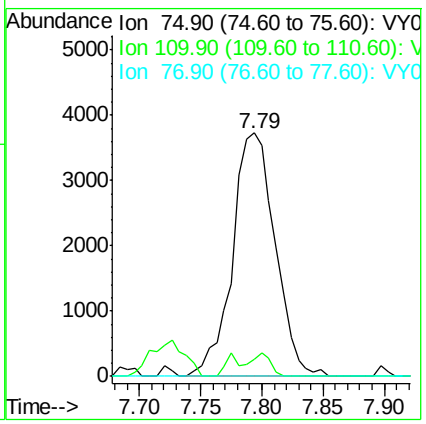


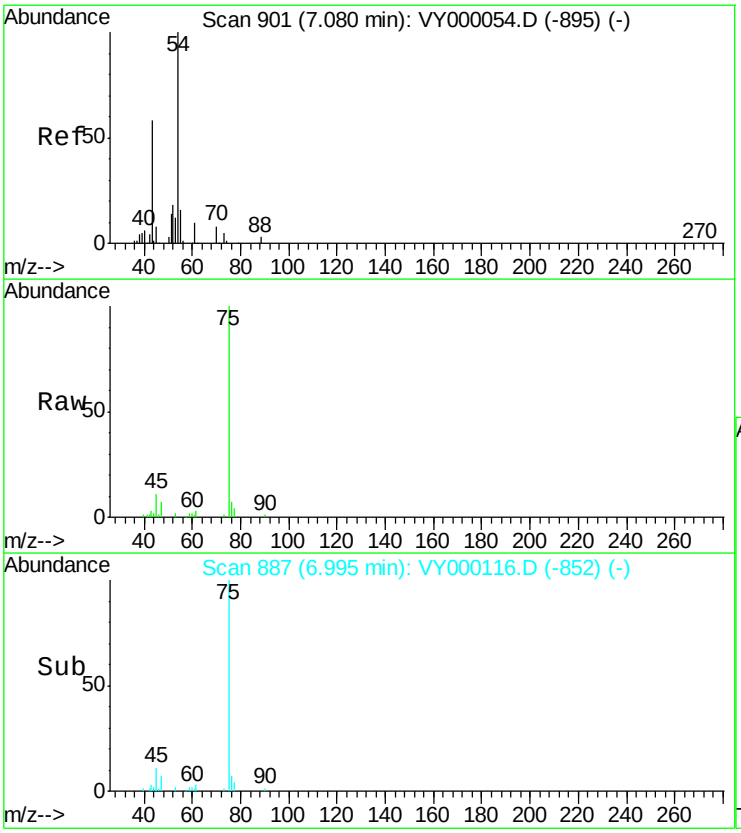
#36
1,1-Dichloropropene
Concen: 6.790 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.12 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 9026

Ion	Ratio	Lower	Upper
75	100		
110	3.9	19.6	58.7#
77	0.0	24.3	36.5#

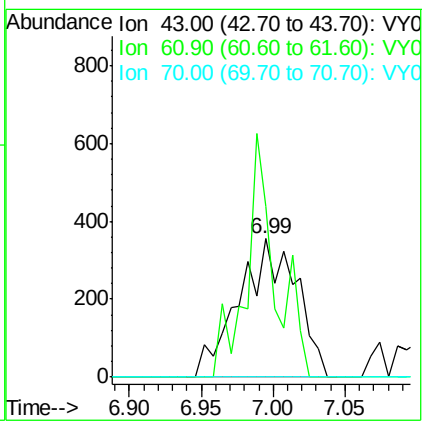


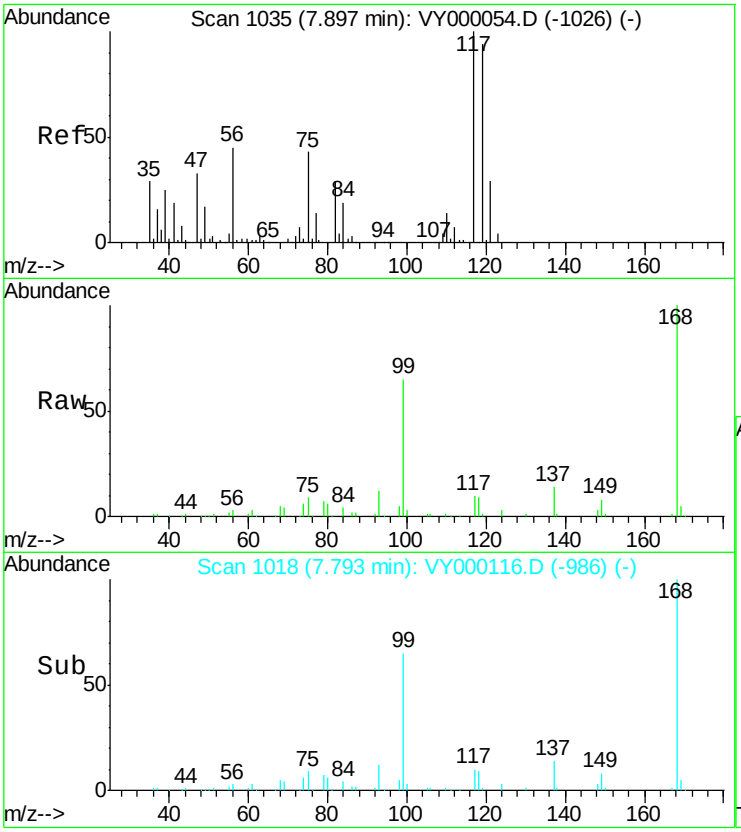


#37
Ethyl Acetate
Concen: 1.117 ug/l
RT: 6.99 min Scan# 887
Delta R.T. -0.09 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 43 Resp: 990

Ion	Ratio	Lower	Upper
43	100		
61	72.9	14.1	21.1#
70	0.0	10.6	15.8#



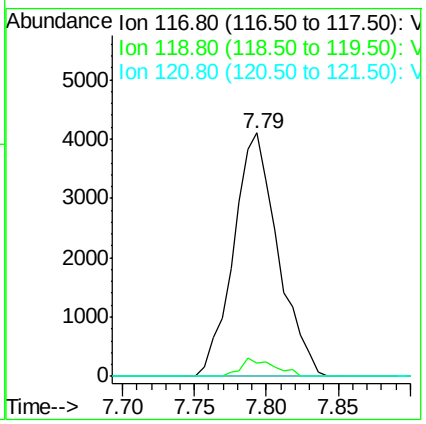


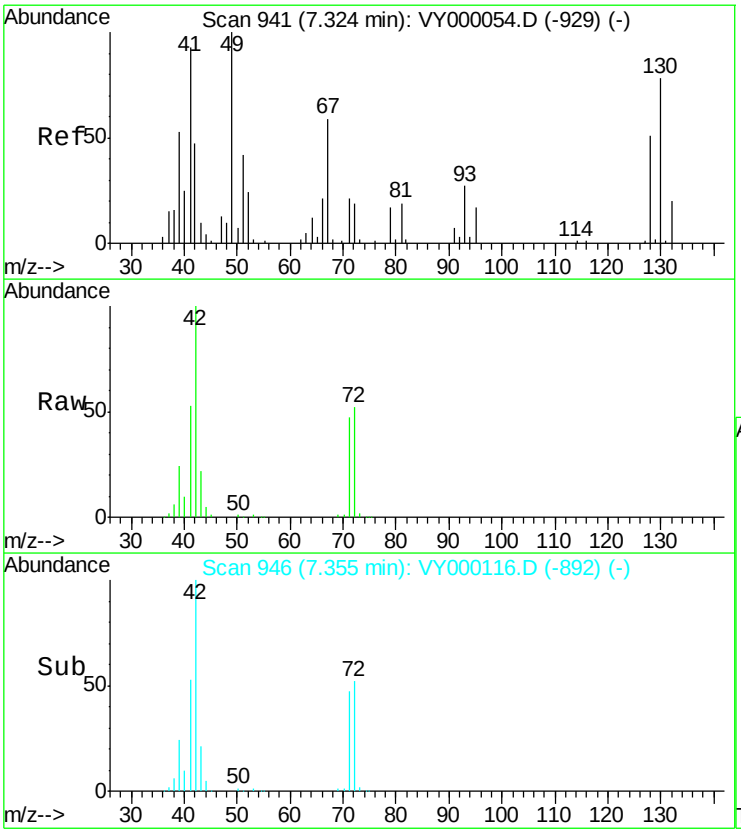
#38
Carbon Tetrachloride
Concen: 6.999 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.10 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 8781

Ion	Ratio	Lower	Upper
117	100		
119	5.7	75.0	112.6#
121	0.0	22.8	34.2#

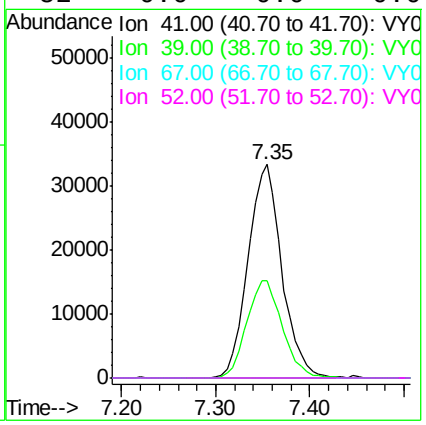


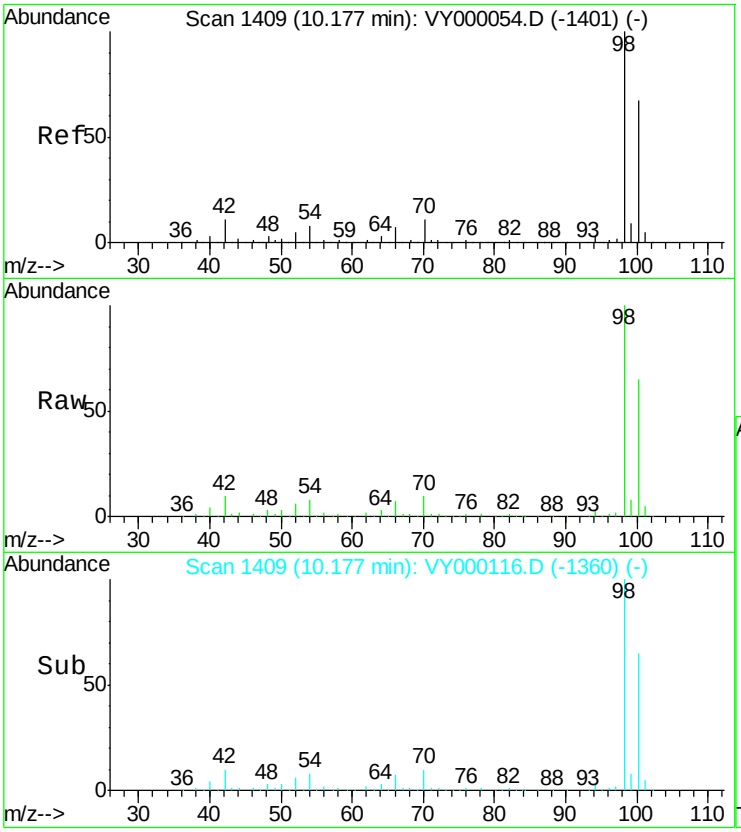


#41
Methacrylonitrile
Concen: 157.544 ug/l
RT: 7.35 min Scan# 946
Delta R.T. 0.03 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 41 Resp: 84226

Ion	Ratio	Lower	Upper
41	100		
39	47.9	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



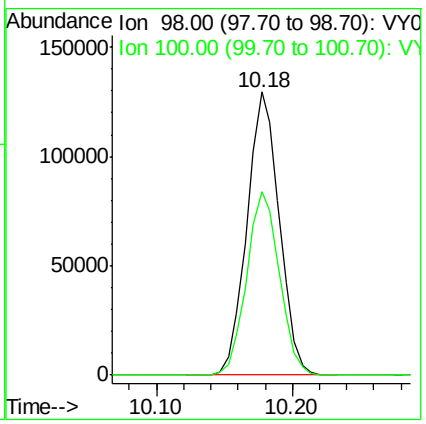


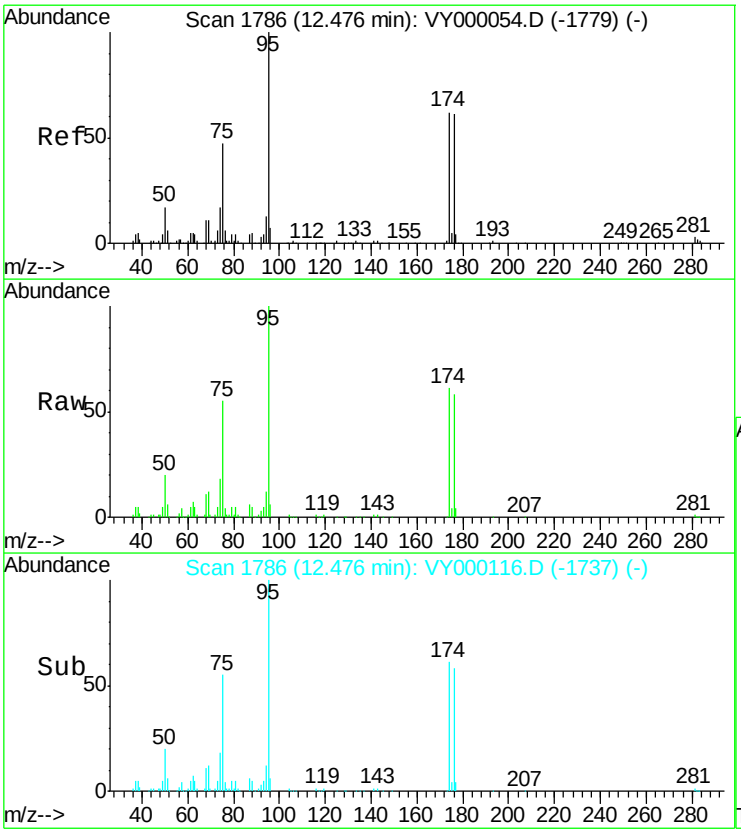
#50
Toluene-d8
Concen: 51.029 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 215740

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7

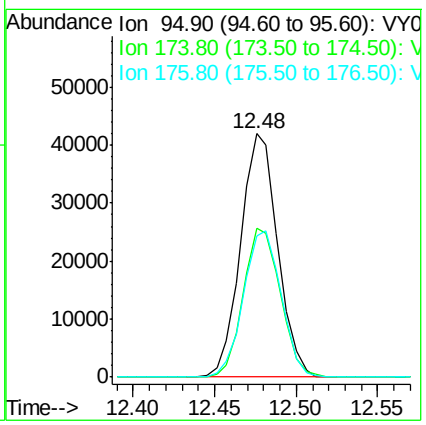


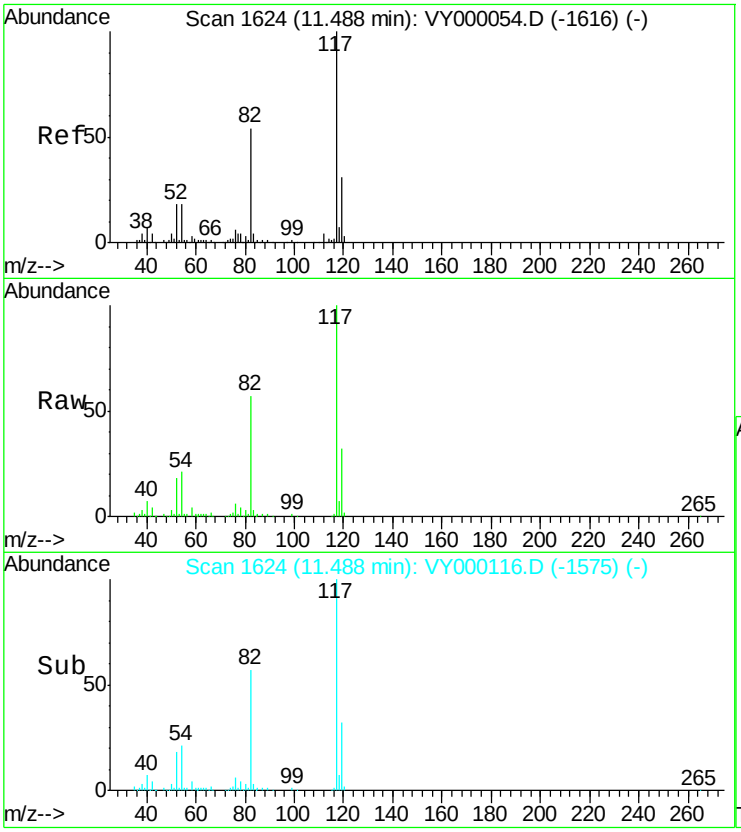


#62
4-Bromofluorobenzene
Concen: 42.221 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 95 Resp: 66273

Ion	Ratio	Lower	Upper
95	100		
174	61.2	0.0	137.2
176	60.7	0.0	135.0



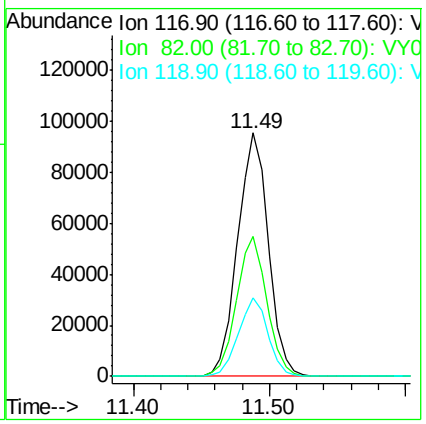


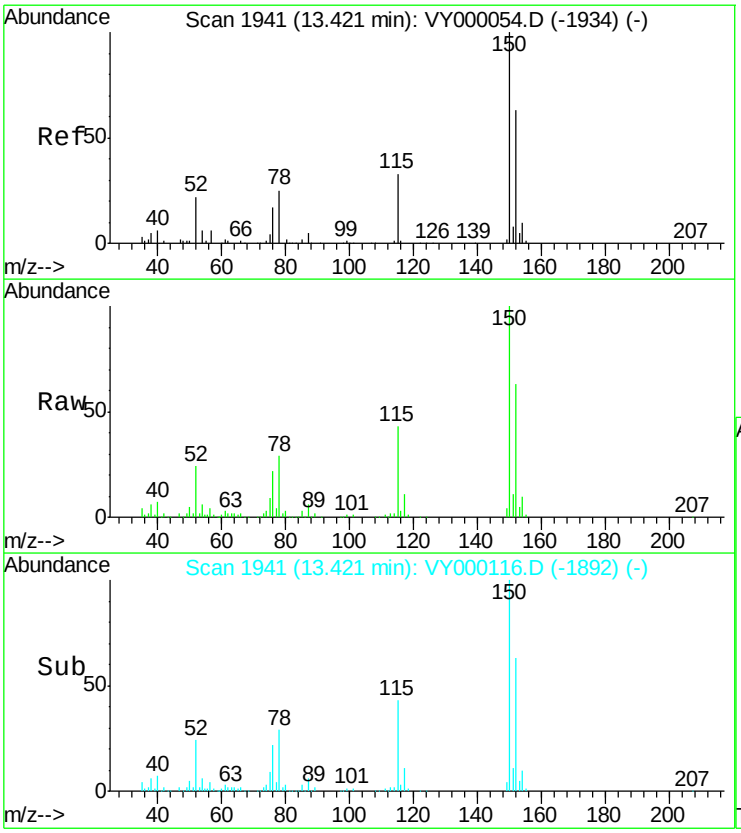
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 150334

Ion	Ratio	Lower	Upper
117	100		
82	57.4	43.5	65.3
119	32.5	24.6	36.8

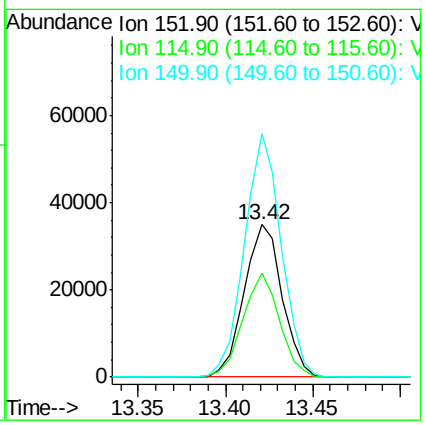


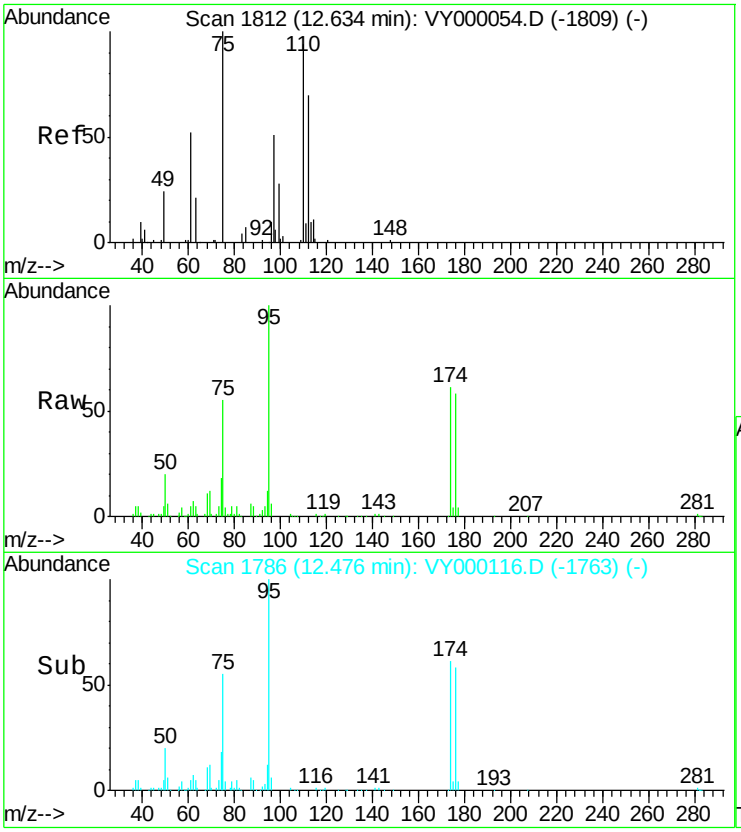


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion:152 Resp: 52894

Ion	Ratio	Lower	Upper
152	100		
115	65.4	30.7	92.1
150	154.2	0.0	351.6



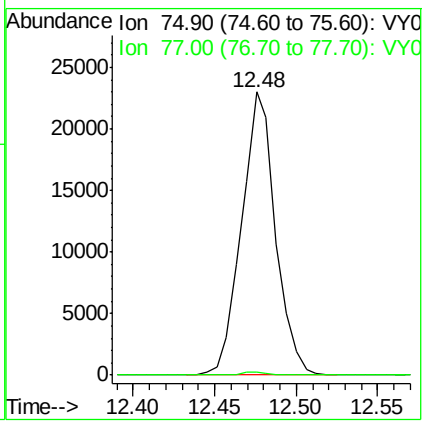


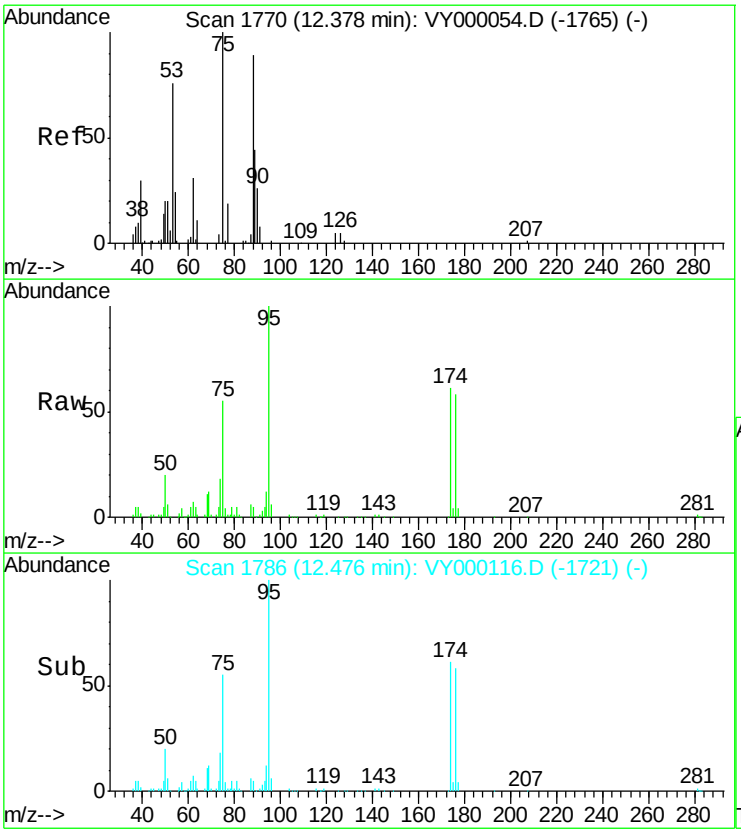
#76
1,2,3-Trichloropropane
Concen: 44.583 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 33179

Ion	Ratio	Lower	Upper
75	100		
77	0.9	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 85.743 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000116.D
Acq: 20 Sep 2019 18:24

Tgt Ion: 75 Resp: 33179

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.9	91.3#
89	0.1	35.3	52.9#