Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000081.D
Acq On : 19 Sep 2019 16:42
Operator : SY/MD
Sample : K4878-11
Misc : 5.51g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CSA-2-8-2

Quant Time: Sep 20 01:56:30 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	104526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	208266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	170962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	60017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	60218	50.07	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.14%			
35) Dibromofluoromethane	7.73	113	57673	45.74	ug/l	0.01
Spiked Amount 50.000			Recovery = 91.48%			
50) Toluene-d8	10.18	98	239186	48.29	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.58%			
62) 4-Bromofluorobenzene	12.48	95	74367	40.44	ug/l	0.00
Spiked Amount 50.000			Recovery = 80.88%			
Target Compounds						Qvalue
3) Chloromethane	2.11	50	876	Below Cal	#	81
5) Bromomethane	2.55	94	34	Below Cal	#	6
11) Tert butyl alcohol	4.96	59	215	1.508 ug/l	#	64
13) Acrolein	3.64	56	34	Below Cal	#	13
16) Acetone	3.96	43	4179	14.925 ug/l	#	73
17) Carbon Disulfide	4.20	76	1044	Below Cal	#	77
20) Methylene Chloride	4.72	84	4553	3.457 ug/l		92
25) 2-Butanone	7.00	43	1139	2.246 ug/l	#	44
31) Cyclohexane	7.79	56	2679	Below Cal	#	1
36) 1,1-Dichloropropene	7.79	75	9302	5.973 ug/l	#	48
38) Carbon Tetrachloride	7.80	117	11426	7.774 ug/l	#	16
41) Methacrylonitrile	7.32	41	19	4.330 ug/l	#	1
49) 1,4-Dioxane	9.55	88	25	1.769 ug/l	#	1
76) 1,2,3-Trichloropropane	12.48	75	37302	44.174 ug/l	#	100
81) trans-1,4-Dichloro-2-buten	12.48	75	37302	84.958 ug/l	#	19
95) Naphthalene	15.23	128	38976	12.088 ug/l		99

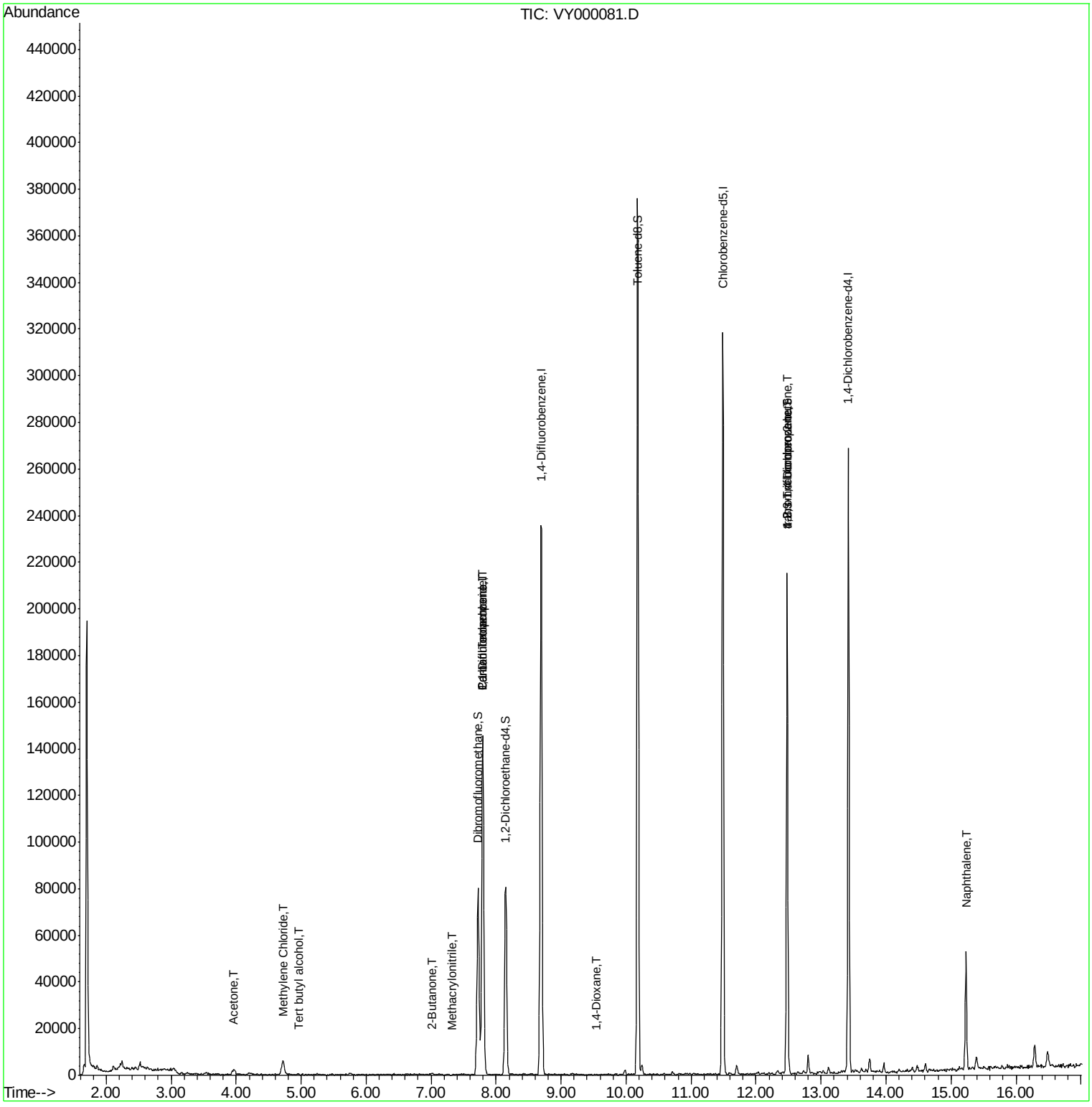
(#) = qualifier out of range (m) = manual integration (+) = signals summed

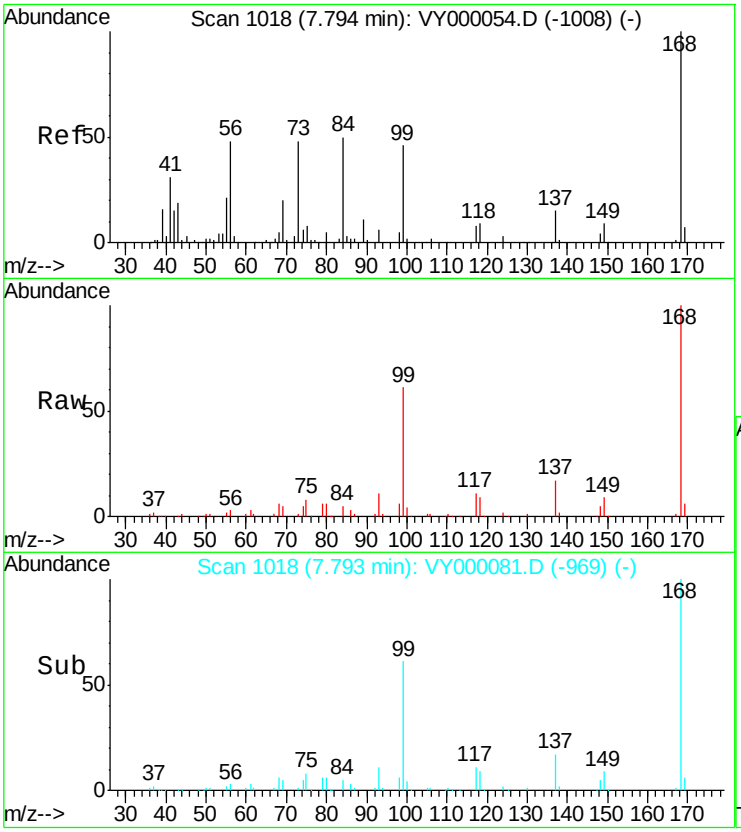
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000081.D
Acq On : 19 Sep 2019 16:42
Operator : SY/MD
Sample : K4878-11
Misc : 5.51g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Quant Time: Sep 20 01:56:30 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



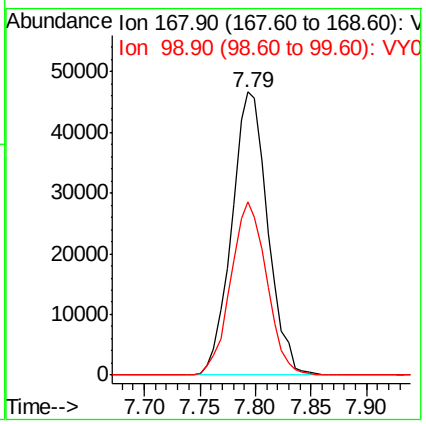


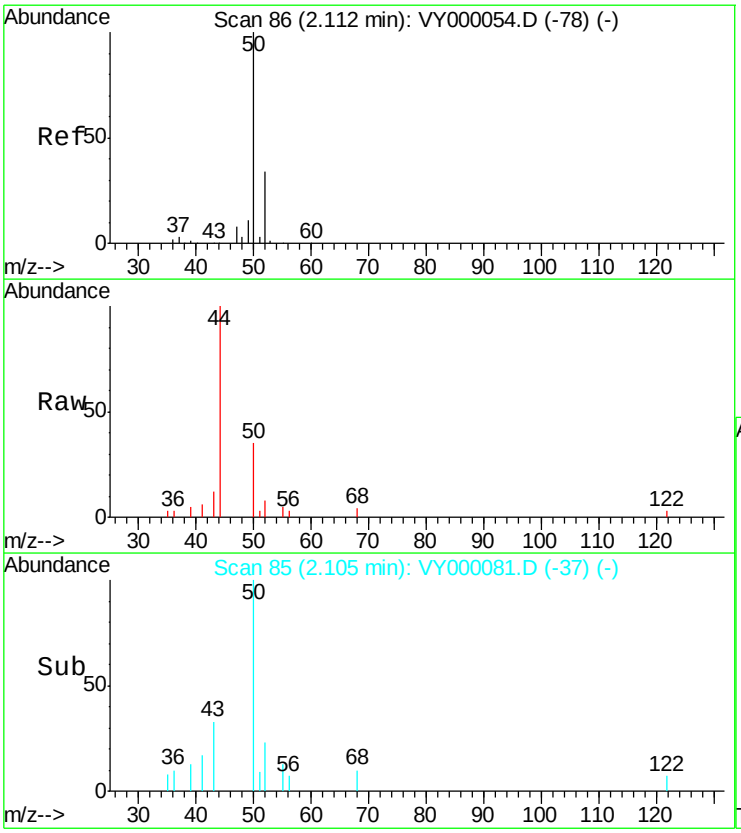
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion:168 Resp: 104526

Ion	Ratio	Lower	Upper
168	100		
99	61.1	44.2	66.2

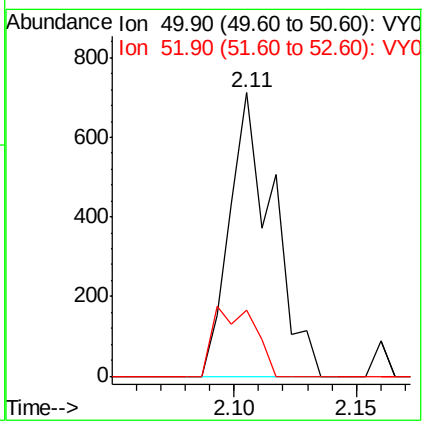


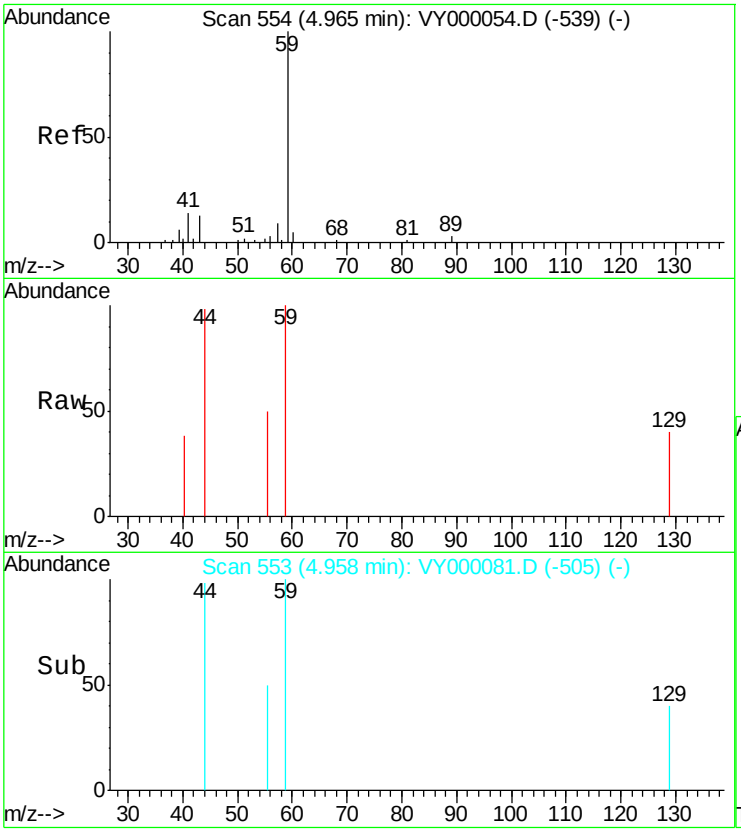


#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 50 Resp: 876

Ion	Ratio	Lower	Upper
50	100		
52	23.2	27.3	40.9#



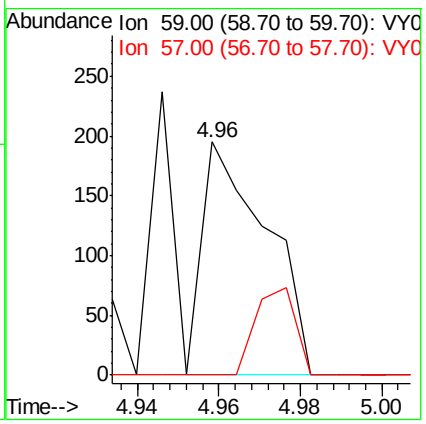


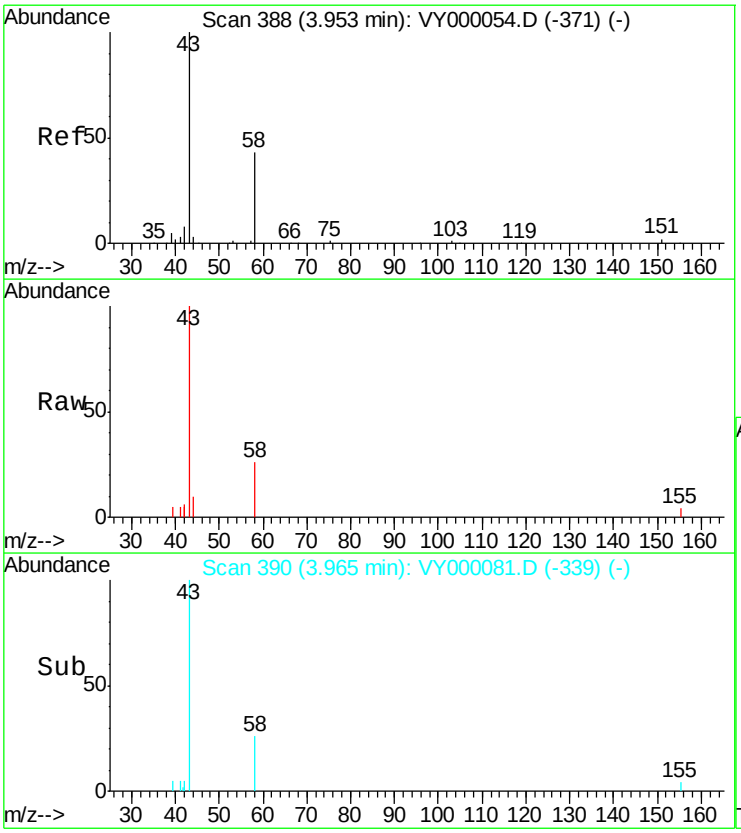
#11
Tert butyl alcohol
Concen: 1.508 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion: 59 Resp: 215

Ion	Ratio	Lower	Upper
59	100		
57	23.3	8.0	12.0#

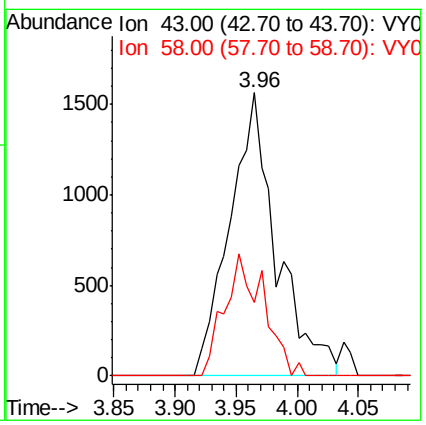


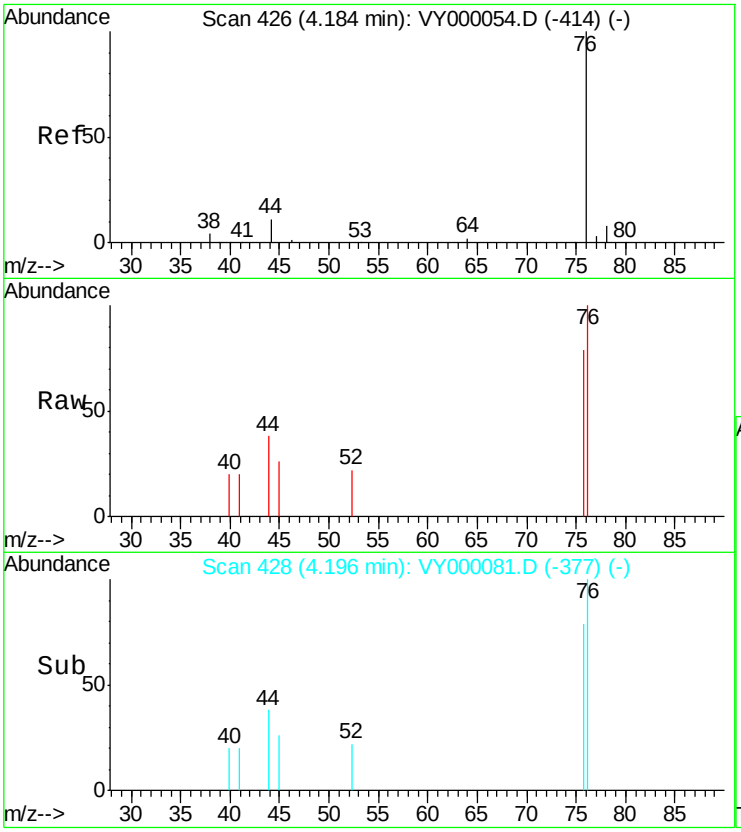


#16
Acetone
Concen: 14.925 ug/l
RT: 3.96 min Scan# 390
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 43 Resp: 4179

Ion	Ratio	Lower	Upper
43	100		
58	25.8	34.5	51.7#



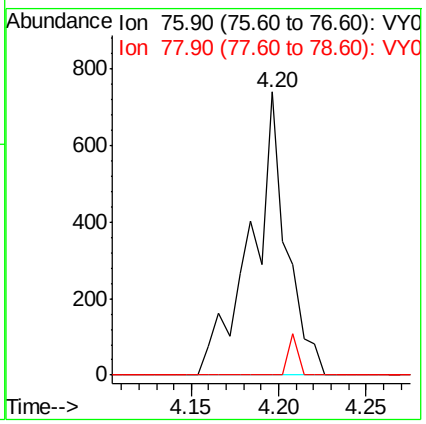


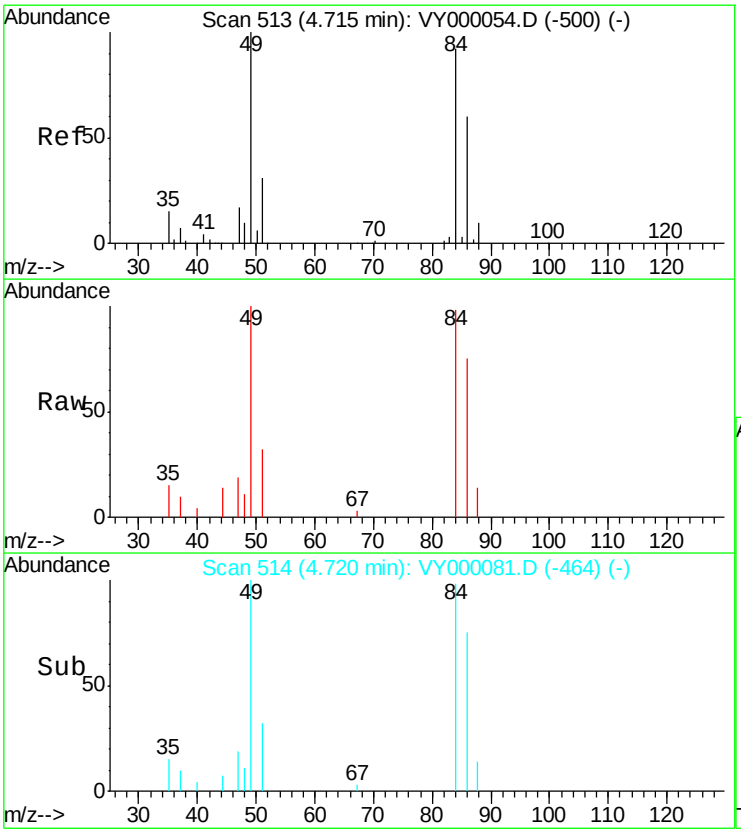
#17
Carbon Disulfide
Concen: Below Cal
RT: 4.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument : MSVOA_Y
ClientSampleId : CSA-2-8-2

Tgt Ion: 76 Resp: 1044

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#

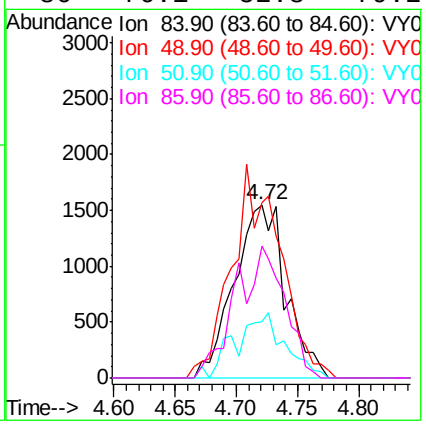


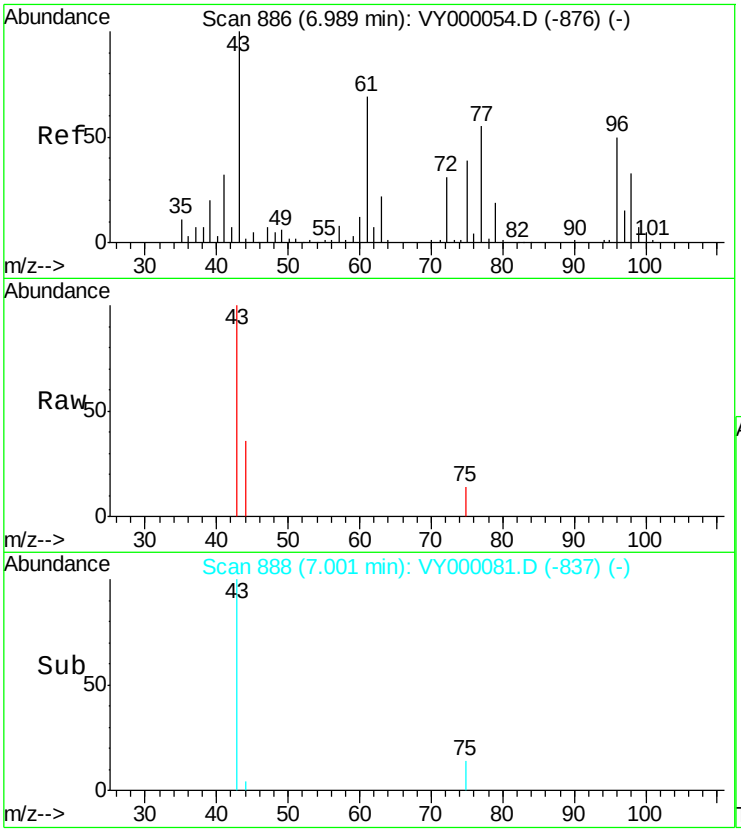


#20
Methylene Chloride
Concen: 3.457 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 84 Resp: 4553

Ion	Ratio	Lower	Upper
84	100		
49	101.6	87.4	131.0
51	32.8	27.2	40.8
86	76.1	52.8	79.2



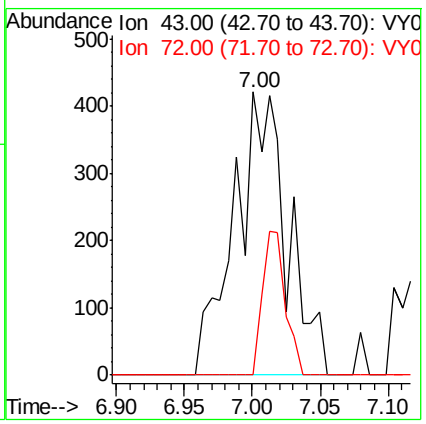


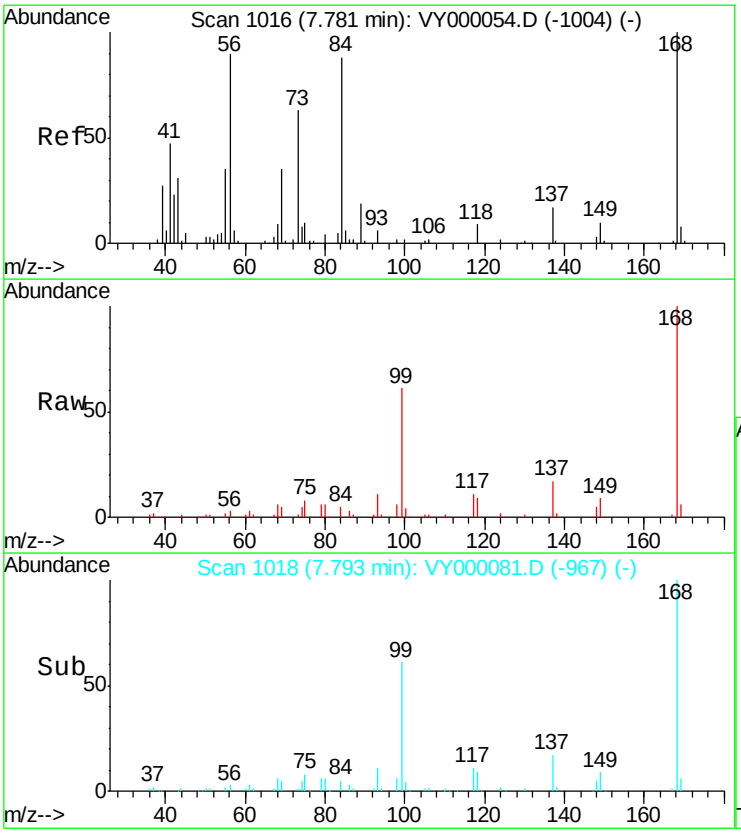
#25
2-Butanone
Concen: 2.246 ug/l
RT: 7.00 min Scan# 888
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion: 43 Resp: 1139

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.7	37.1#

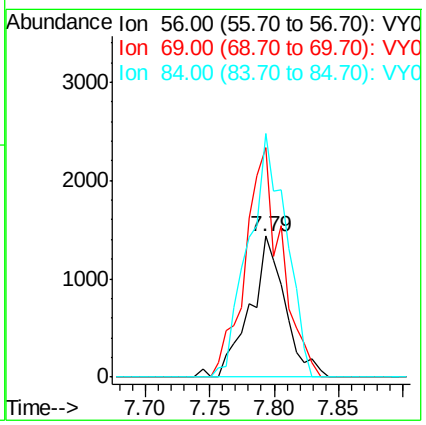


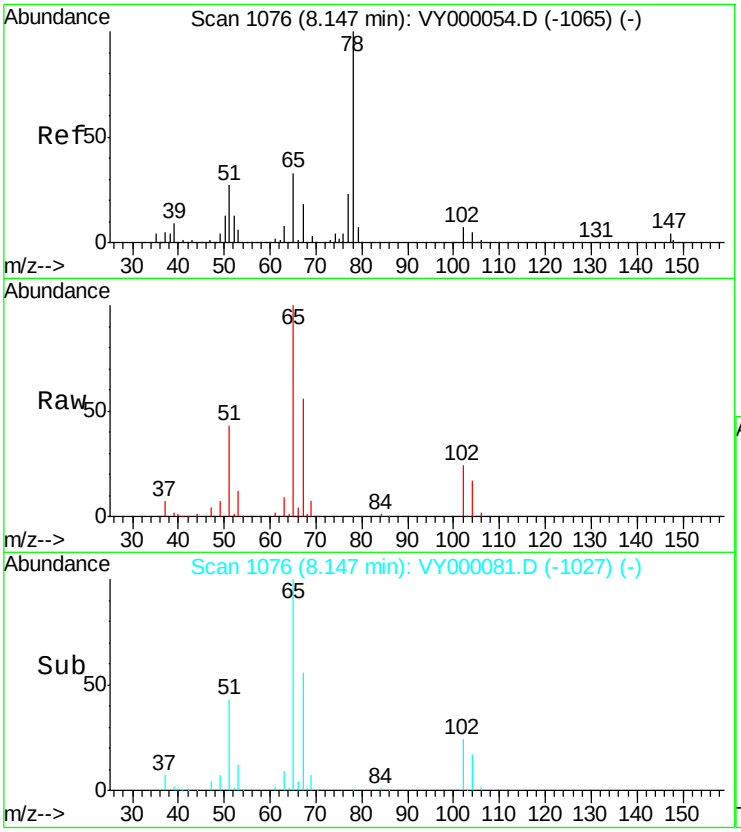


#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 56 Resp: 2679

Ion	Ratio	Lower	Upper
56	100		
69	162.5	30.9	46.3#
84	172.7	78.5	117.7#



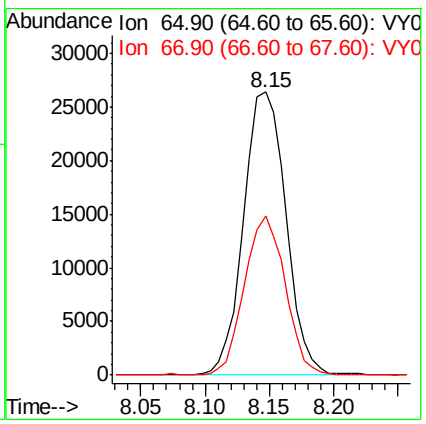


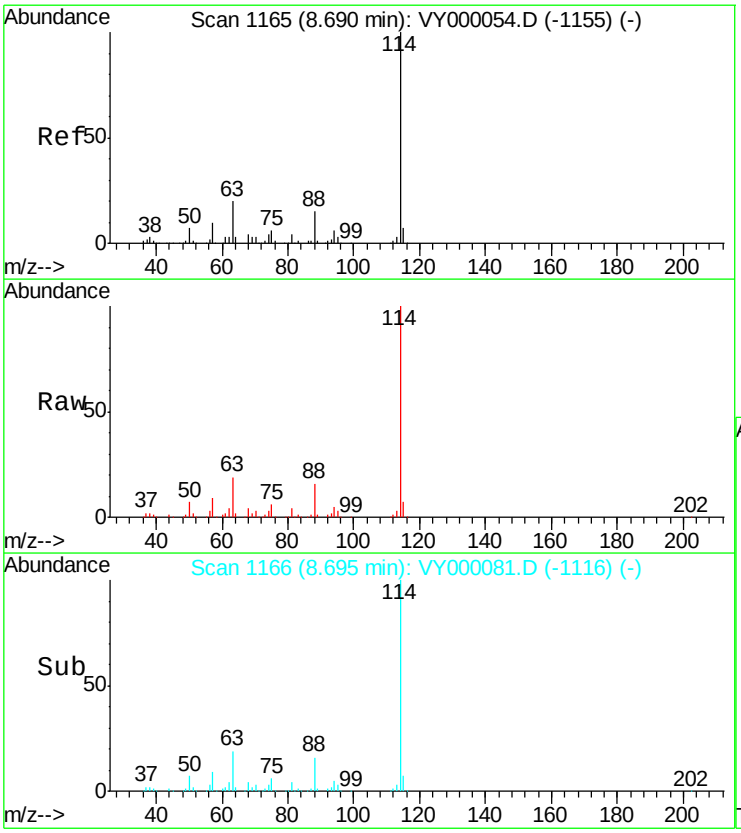
#33
1,2-Dichloroethane-d4
Concen: 50.074 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion: 65 Resp: 60218

Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	111.0

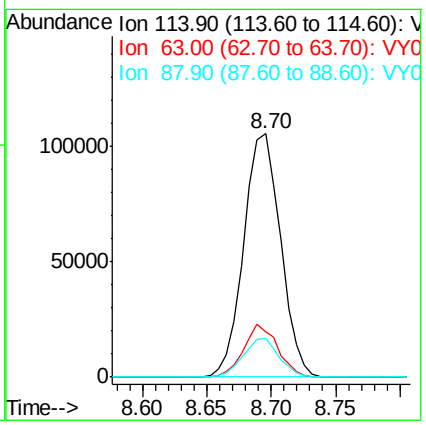


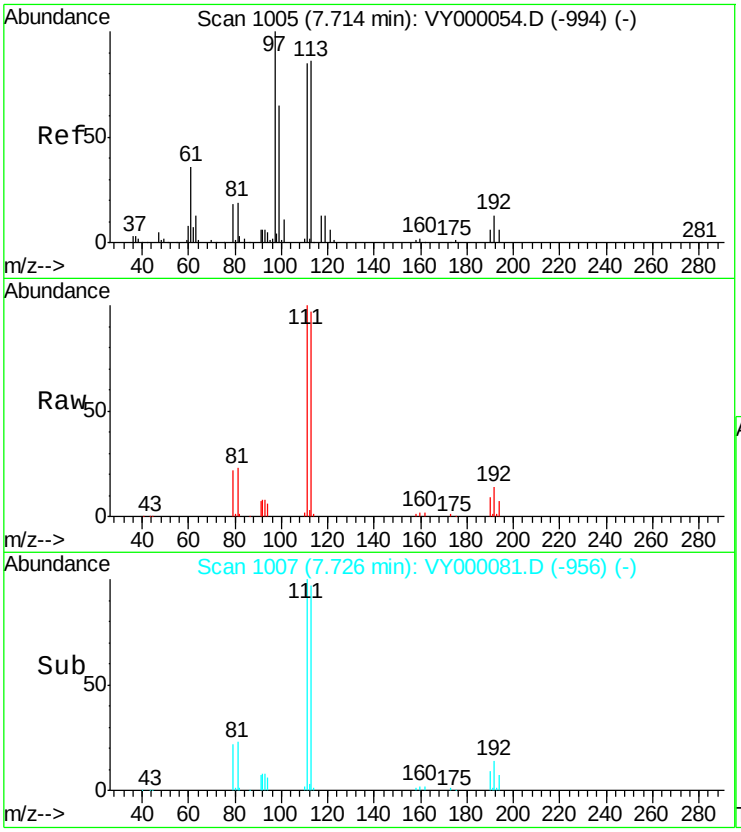


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion:114 Resp: 208266

Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	39.4
88	16.2	0.0	30.2



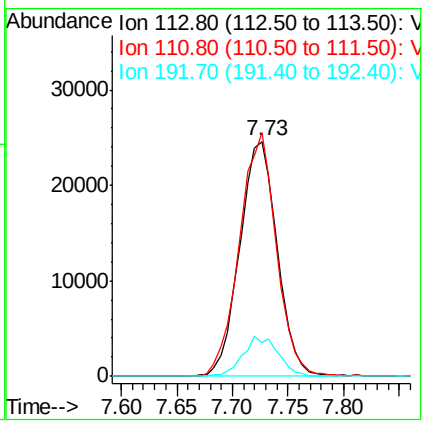


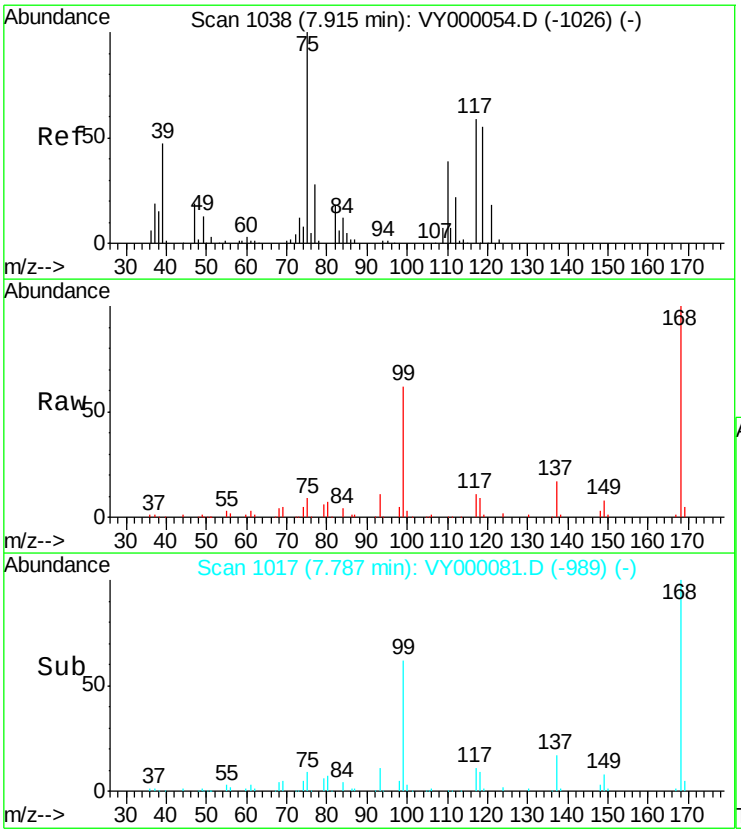
#35
Dibromofluoromethane
Concen: 45.736 ug/l
RT: 7.73 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion:113 Resp: 57673

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.7	122.5
192	15.9	13.4	20.2

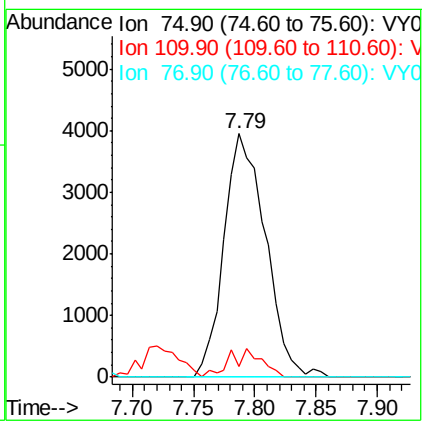


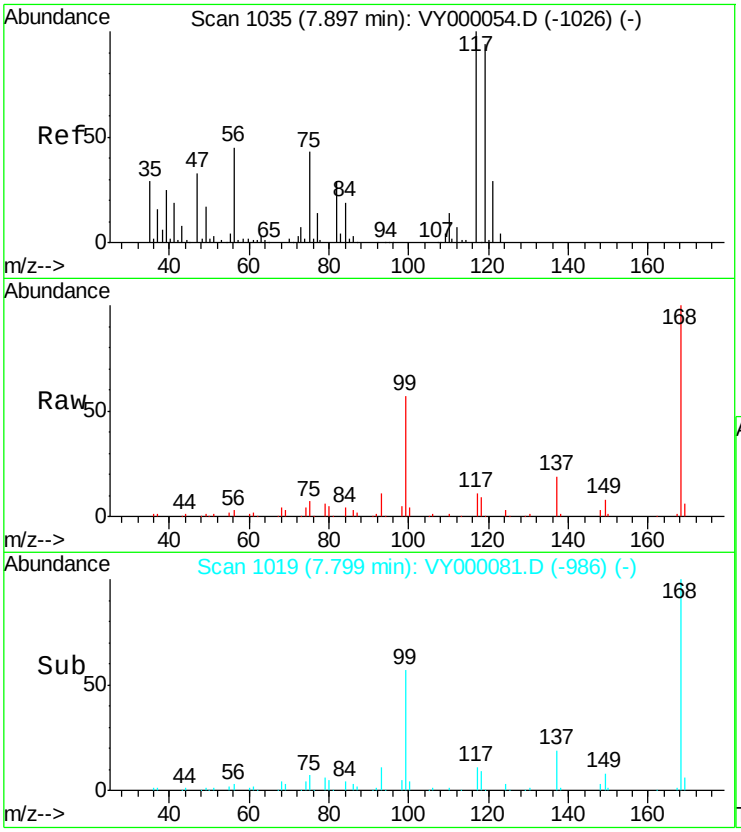


#36
1,1-Dichloropropene
Concen: 5.973 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.13 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 75 Resp: 9302

Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.6	58.7#
77	0.0	24.3	36.5#



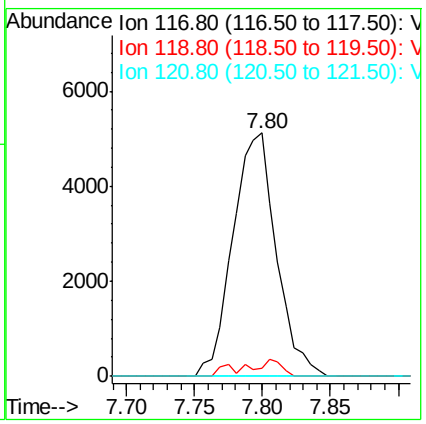


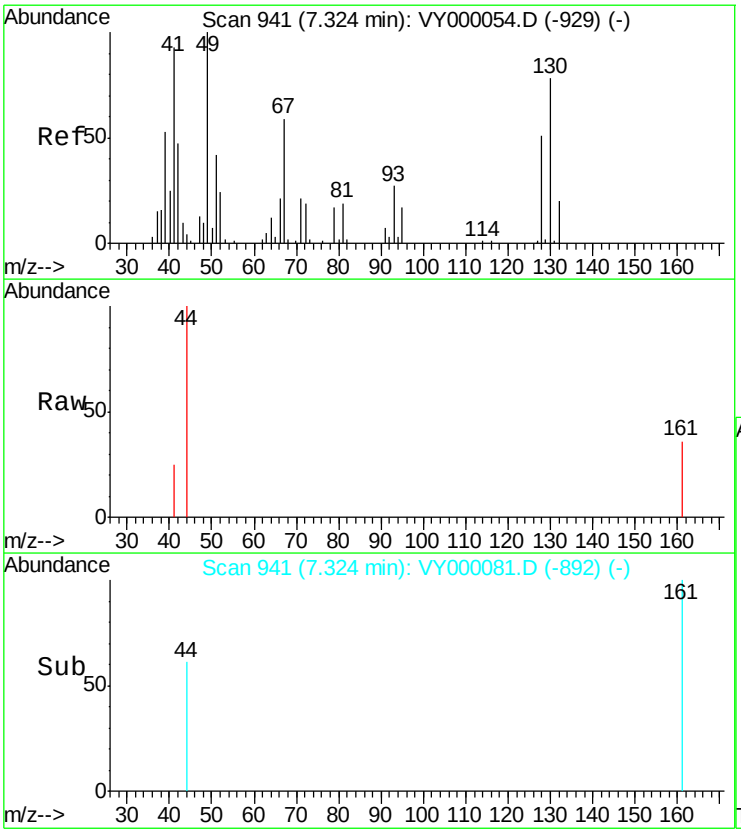
#38
Carbon Tetrachloride
Concen: 7.774 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. -0.10 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument : MSVOA_Y
ClientSampleId : CSA-2-8-2

Tgt Ion:117 Resp: 11426

Ion	Ratio	Lower	Upper
117	100		
119	3.4	75.0	112.6#
121	0.0	22.8	34.2#

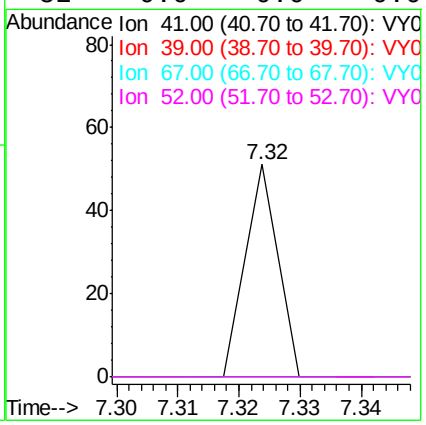


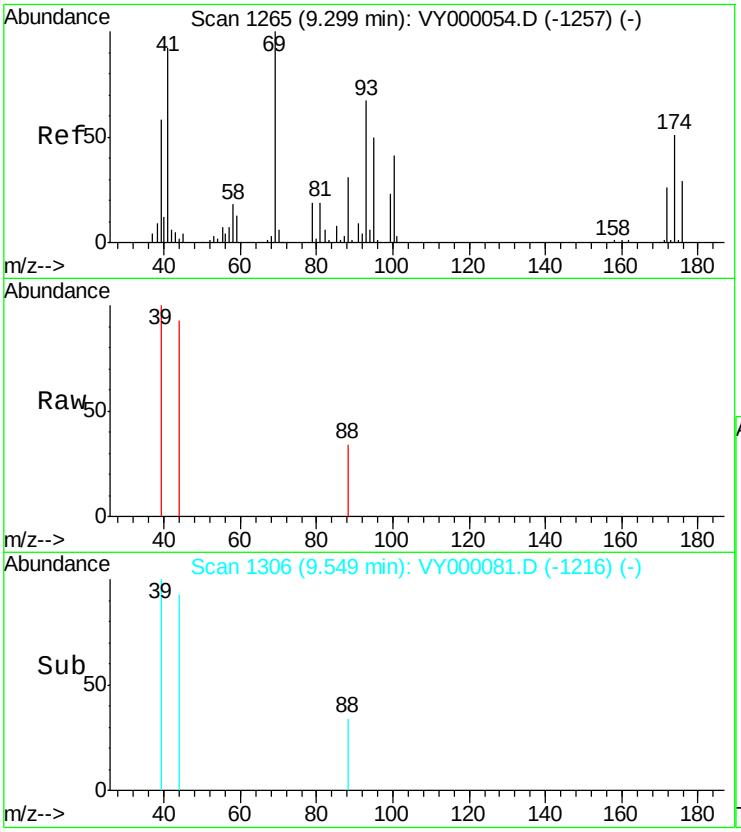


#41
Methacrylonitrile
Concen: 4.330 ug/l
RT: 7.32 min Scan# 941
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 41 Resp: 19

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



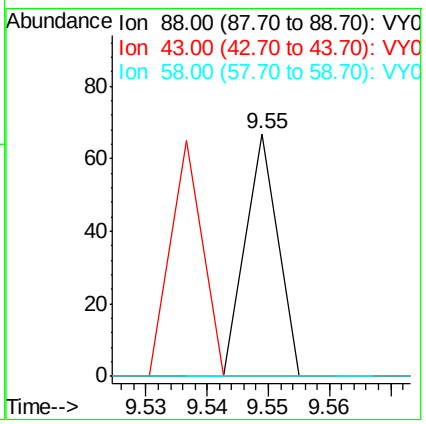


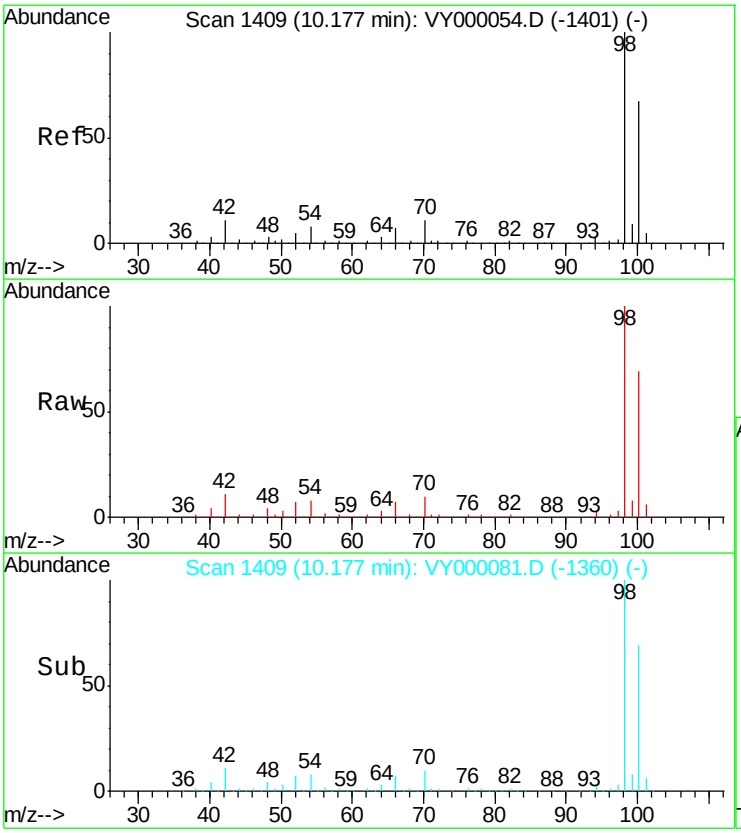
#49
1,4-Dioxane
Concen: 1.769 ug/l
RT: 9.55 min Scan# 1306
Delta R.T. 0.25 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	96.0	18.7	28.1#
58	0.0	53.0	79.6#

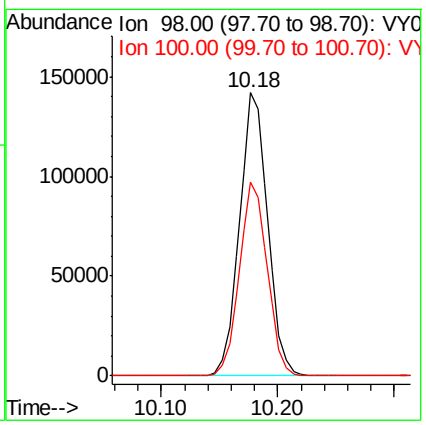


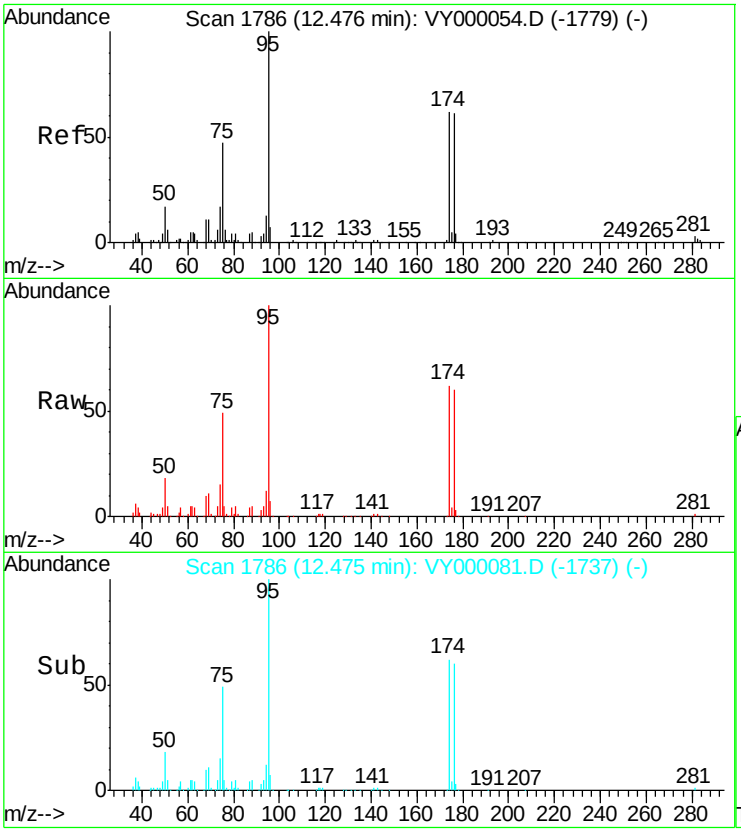


#50
Toluene-d8
Concen: 48.293 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 98 Resp: 239186

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.1	79.7



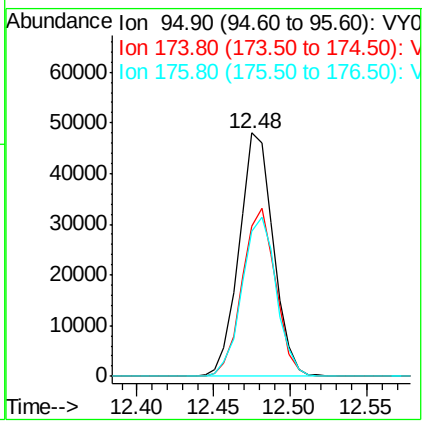


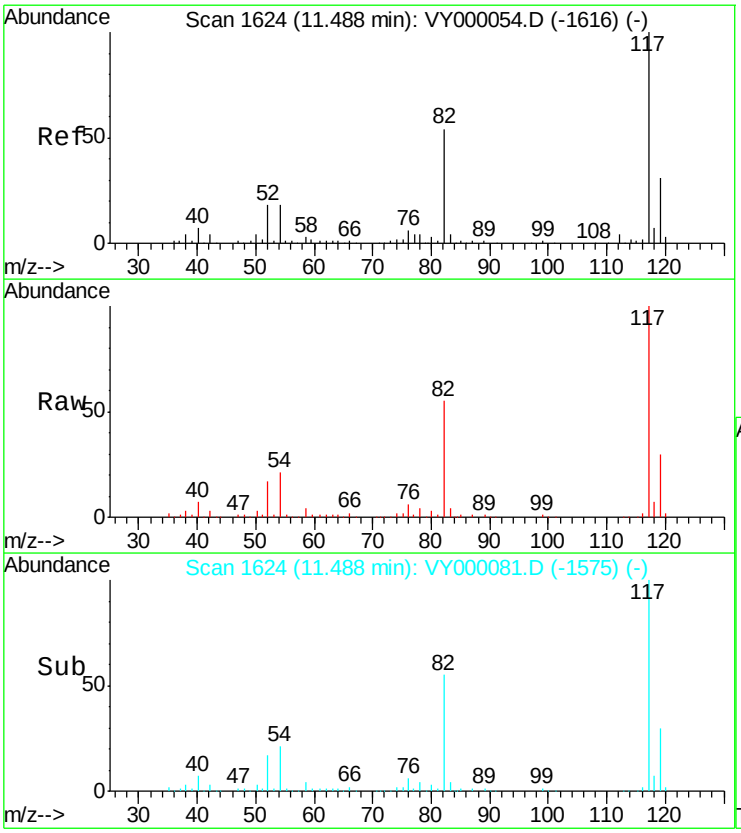
#62
4-Bromofluorobenzene
Concen: 40.442 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion: 95 Resp: 74367

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	137.2
176	65.6	0.0	135.0

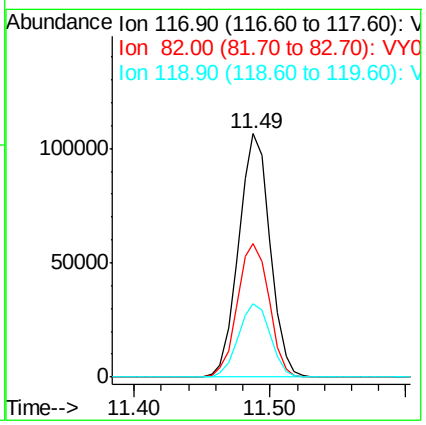


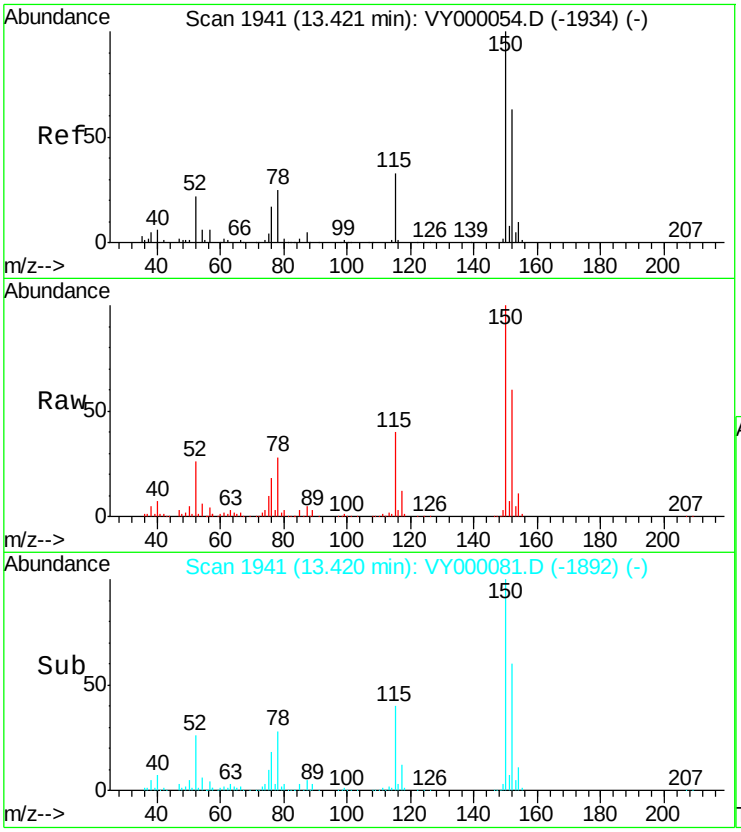


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion:117 Resp: 170962

Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.5	65.3
119	30.1	24.6	36.8



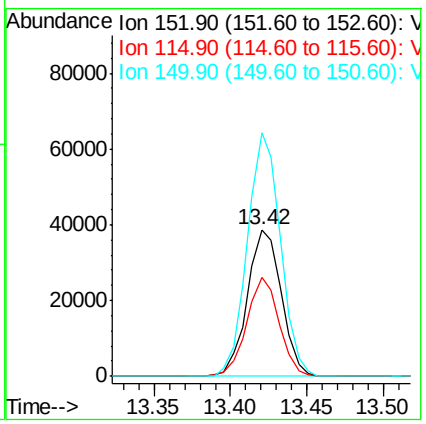


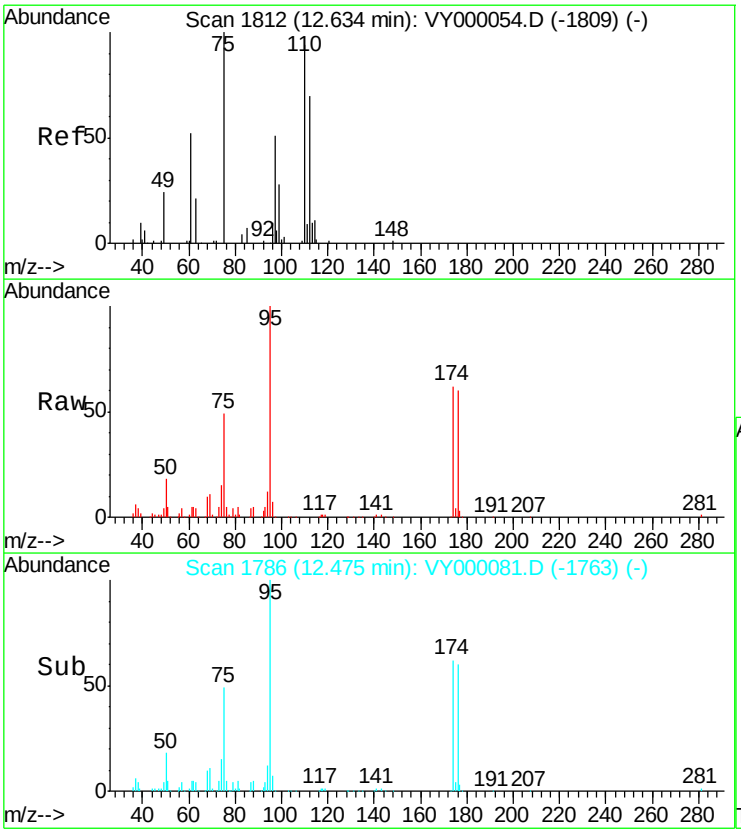
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion:152 Resp: 60017

Ion	Ratio	Lower	Upper
152	100		
115	64.3	30.7	92.1
150	161.1	0.0	351.6

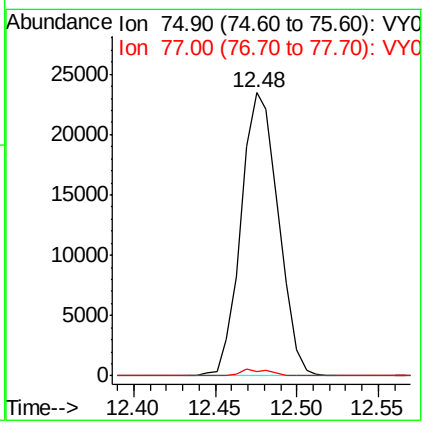


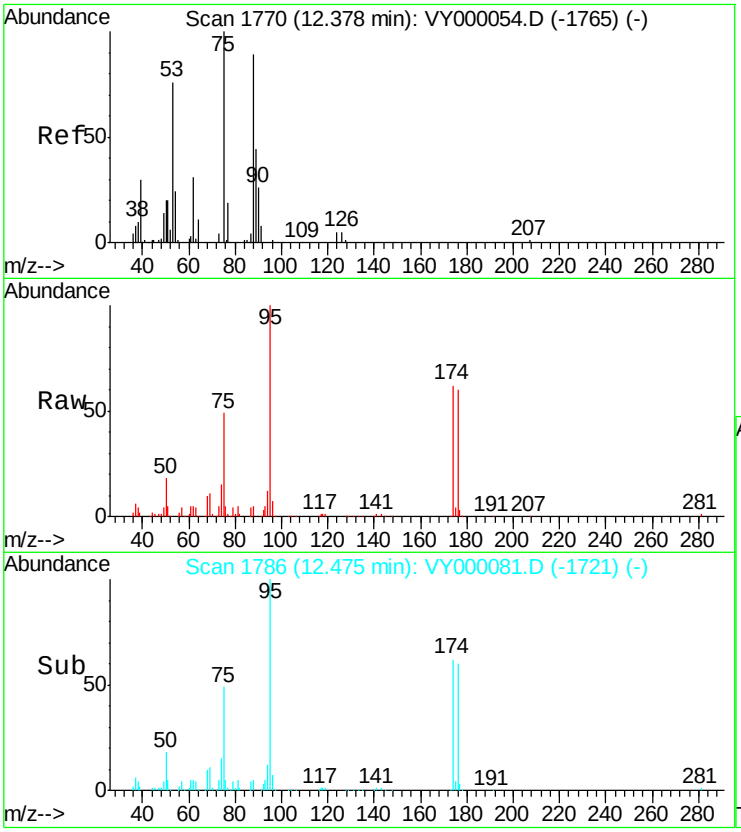


#76
1,2,3-Trichloropropane
Concen: 44.174 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion: 75 Resp: 37302

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#



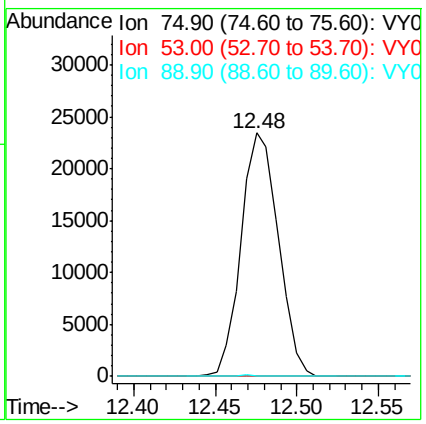


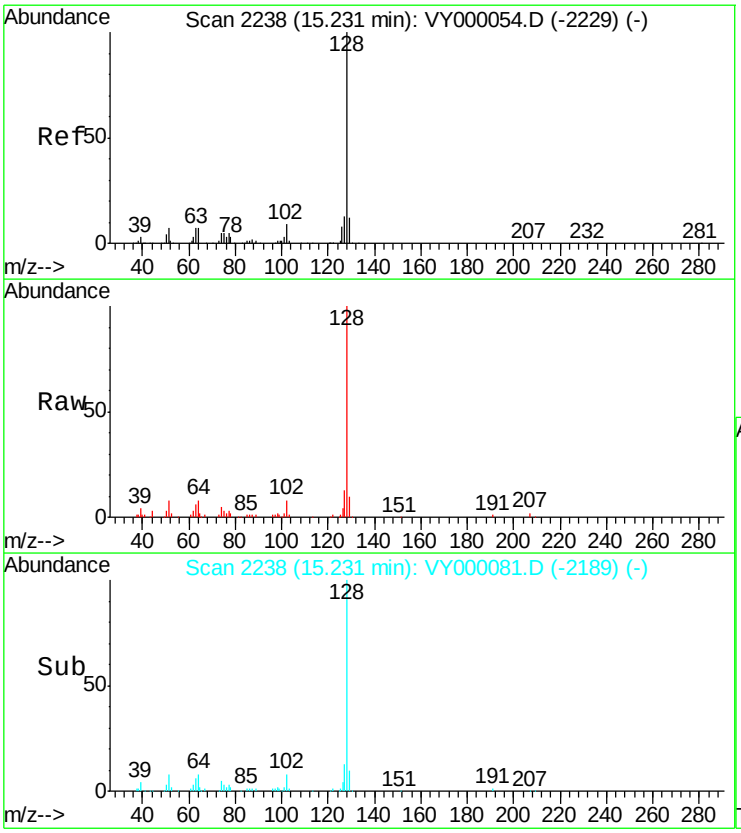
#81
trans-1,4-Dichloro-2-butene
Concen: 84.958 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-8-2

Tgt Ion: 75 Resp: 37302

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.9	91.3#
89	0.2	35.3	52.9#





#95
Naphthalene
Concen: 12.088 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000081.D
Acq: 19 Sep 2019 16:42

Tgt Ion:128 Resp: 38976

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.3	15.5
129	11.2	9.2	13.8