Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000085.D
Acq On : 19 Sep 2019 18:15
Operator : SY/MD
Sample : K4878-17
Misc : 6.45g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : TPA-9

Quant Time: Sep 20 01:57:26 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	55528	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	110046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	90632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	30474	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	34628	54.20	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.40%		
35) Dibromofluoromethane	7.73	113	31988	48.01	ug/l	0.01
Spiked Amount 50.000			Recovery =	96.02%		
50) Toluene-d8	10.18	98	131411	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.42%		
62) 4-Bromofluorobenzene	12.48	95	40651	41.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	83.68%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	57	Below Cal	#	42
3) Chloromethane	2.11	50	405	Below Cal		89
5) Bromomethane	2.65	94	79	Below Cal	#	6
11) Tert butyl alcohol	4.96	59	139	1.835	ug/l #	73
13) Acrolein	3.64	56	30	Below Cal	#	13
16) Acetone	3.95	43	1043	7.012	ug/l #	74
20) Methylene Chloride	4.71	84	2297	3.283	ug/l #	90
31) Cyclohexane	7.80	56	1588	Below Cal	#	60
36) 1,1-Dichloropropene	7.79	75	5189	6.306	ug/l #	47
38) Carbon Tetrachloride	7.80	117	5911	7.611	ug/l #	22
41) Methacrylonitrile	7.36	41	42	4.398	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	19410	45.269	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	19410	87.064	ug/l #	19
95) Naphthalene	15.23	128	4351	2.658	ug/l #	92

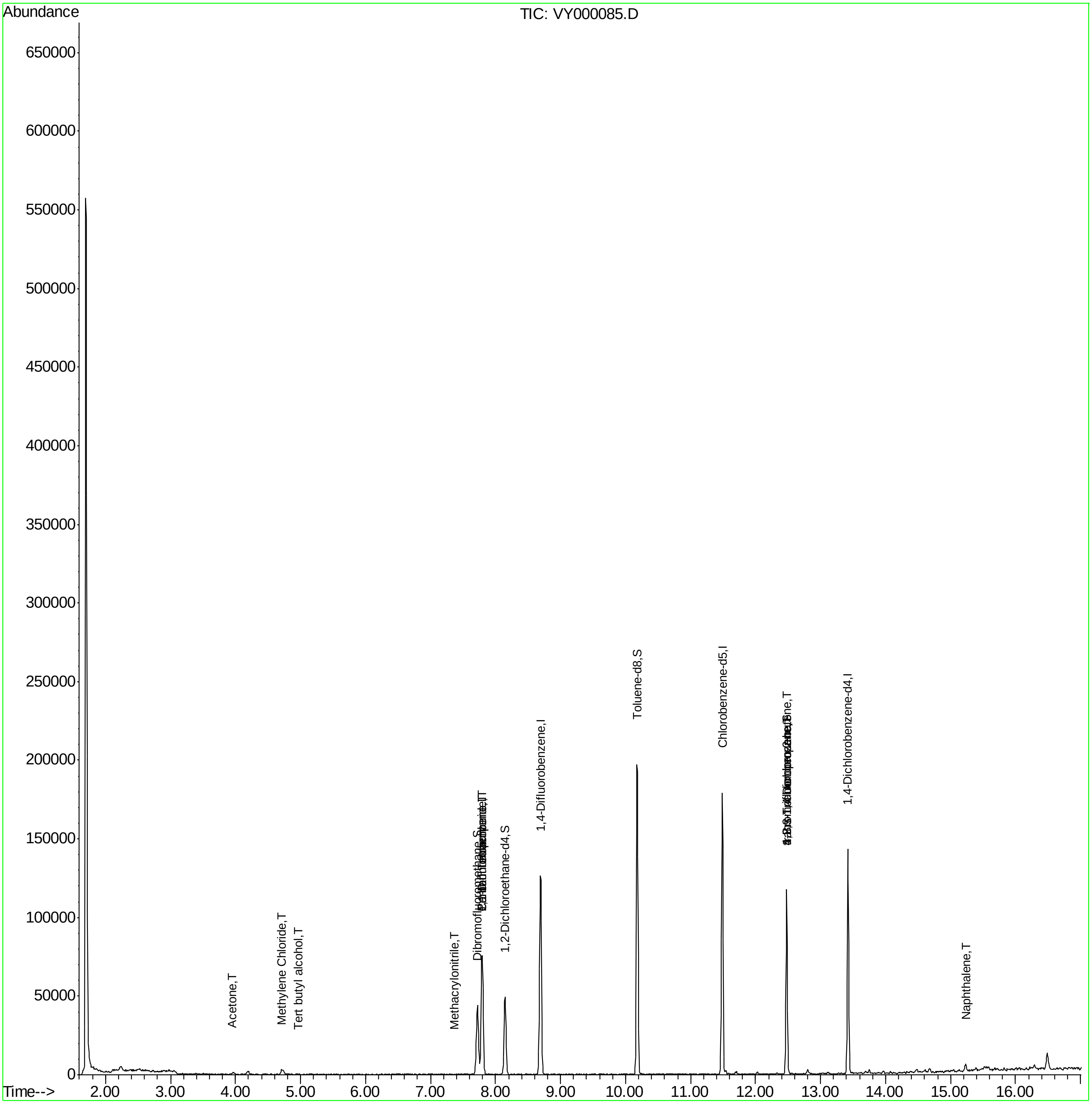
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

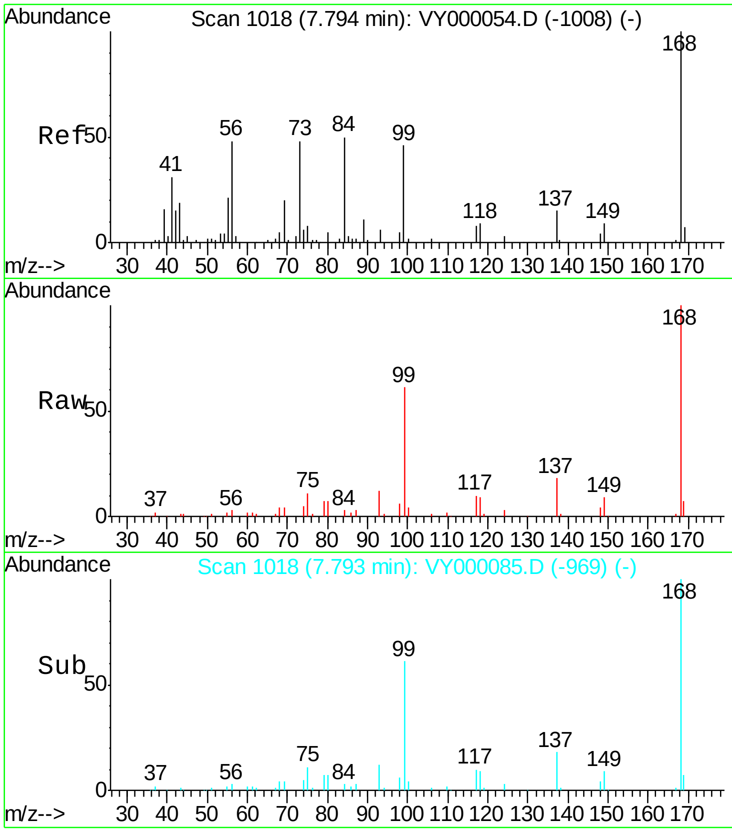
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000085.D
Acq On : 19 Sep 2019 18:15
Operator : SY/MD
Sample : K4878-17
Misc : 6.45g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Quant Time: Sep 20 01:57:26 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



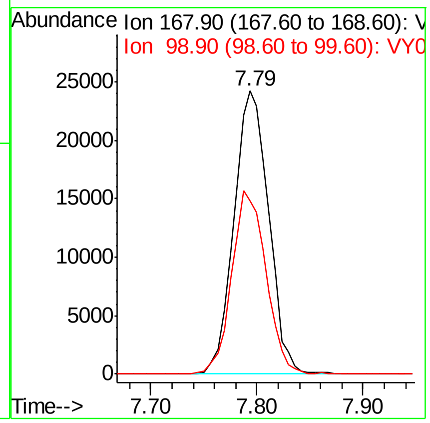
Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

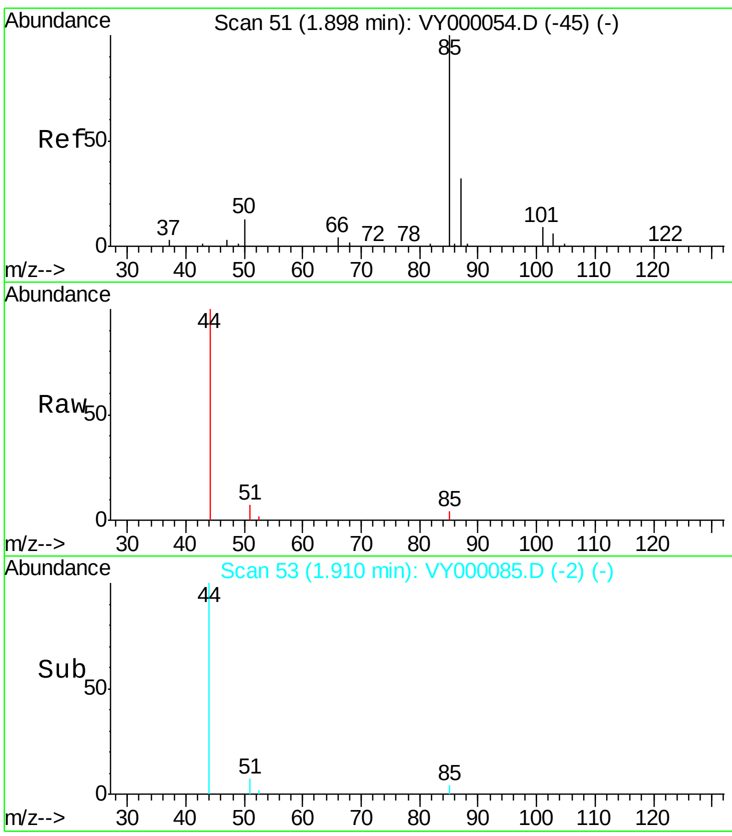


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion:168 Resp: 55528

Ion	Ratio	Lower	Upper
168	100		
99	61.1	44.2	66.2

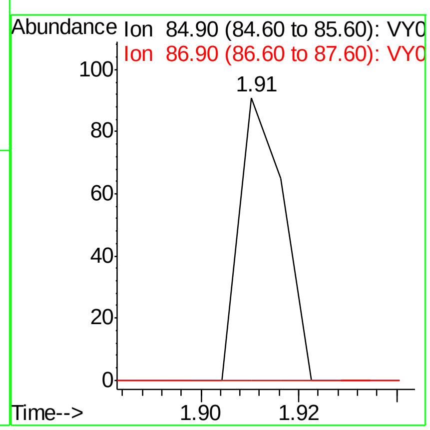


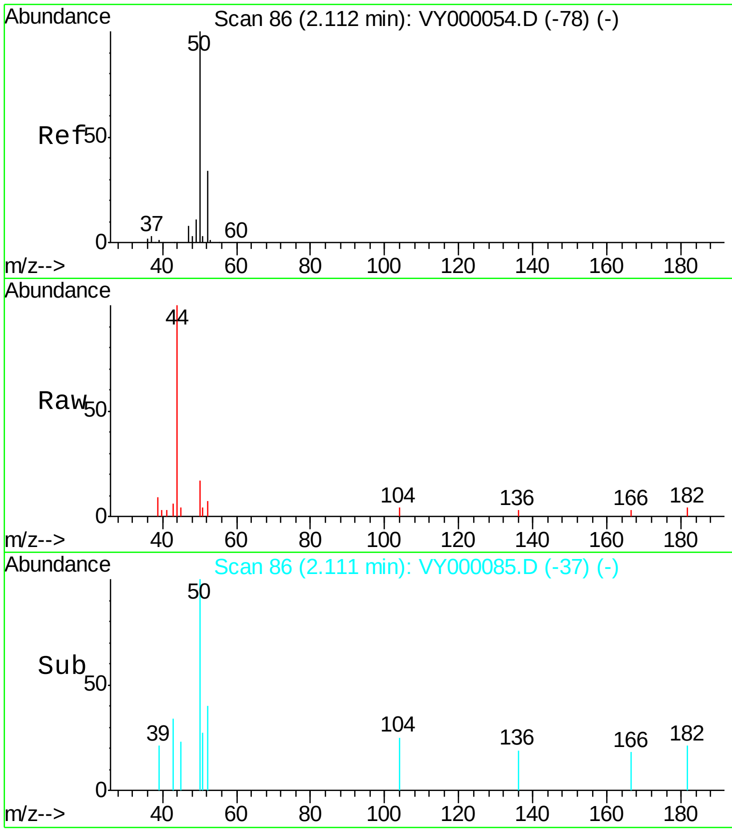


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.91 min Scan# 53
Delta R.T. 0.01 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion: 85 Resp: 57

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



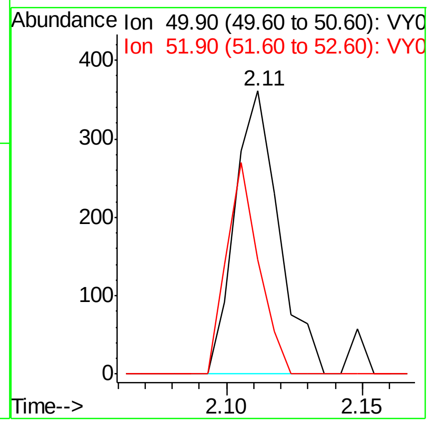


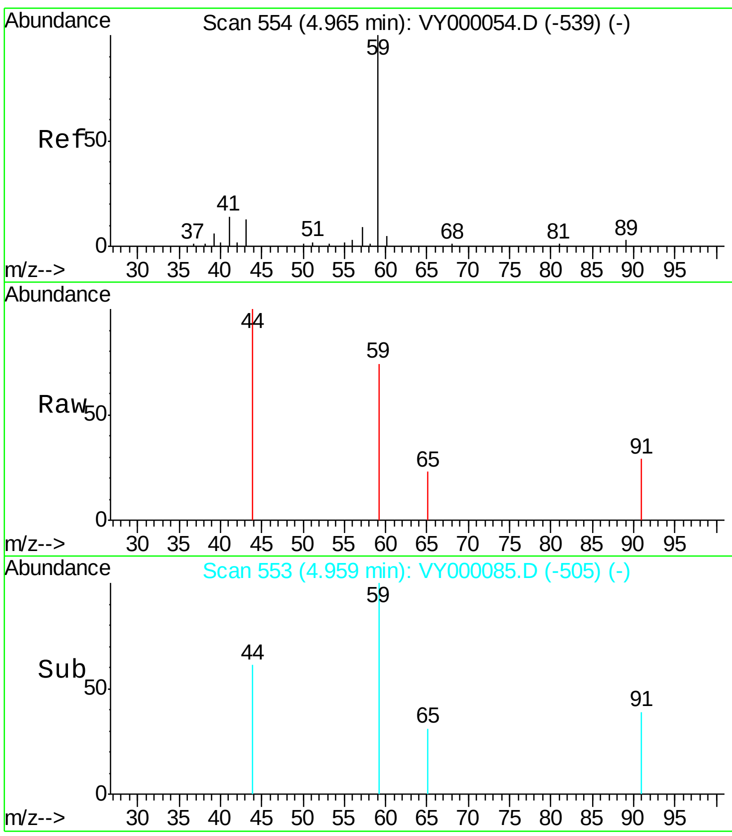
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 86
Delta R.T. 0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion: 50 Resp: 405

Ion	Ratio	Lower	Upper
50	100		
52	40.2	27.3	40.9

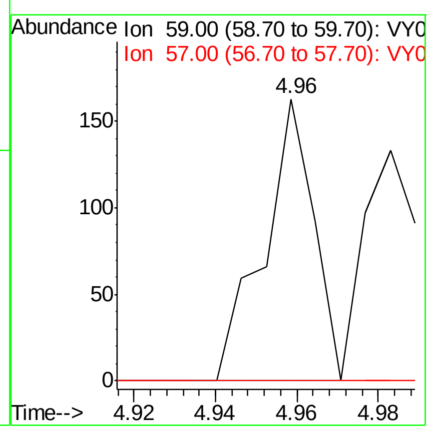


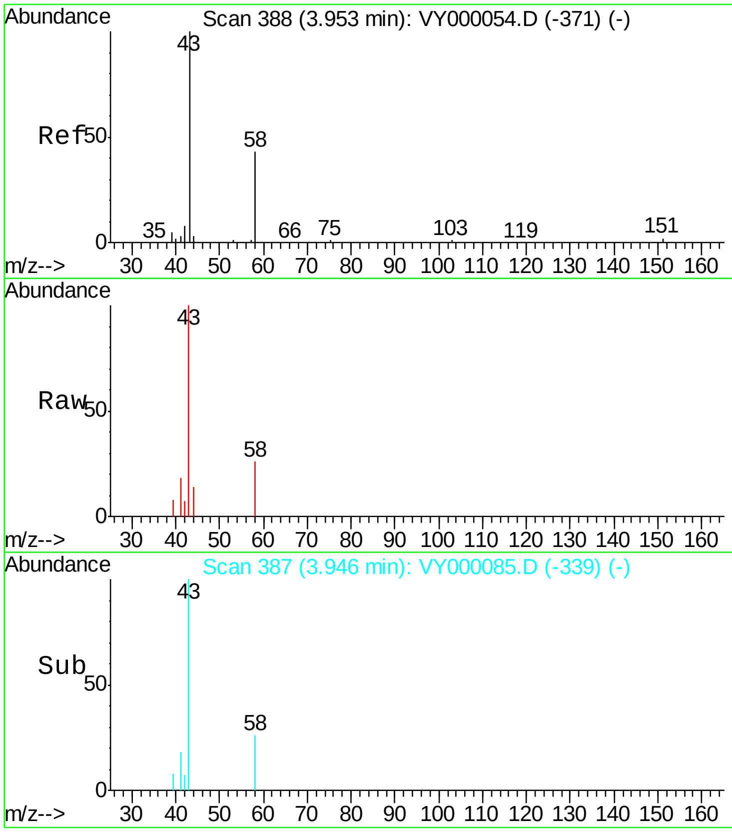


#11
Tert butyl alcohol
Concen: 1.835 ug/l
RT: 4.96 min Scan# 553
Delta R.T. -0.01 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion: 59 Resp: 139

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



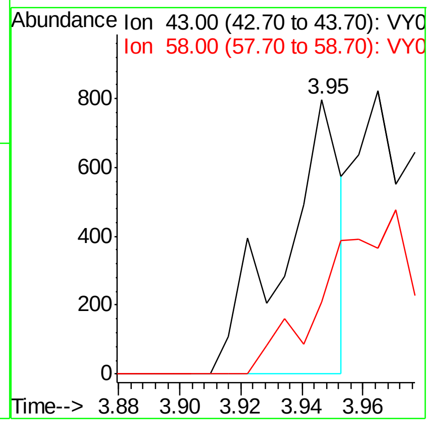


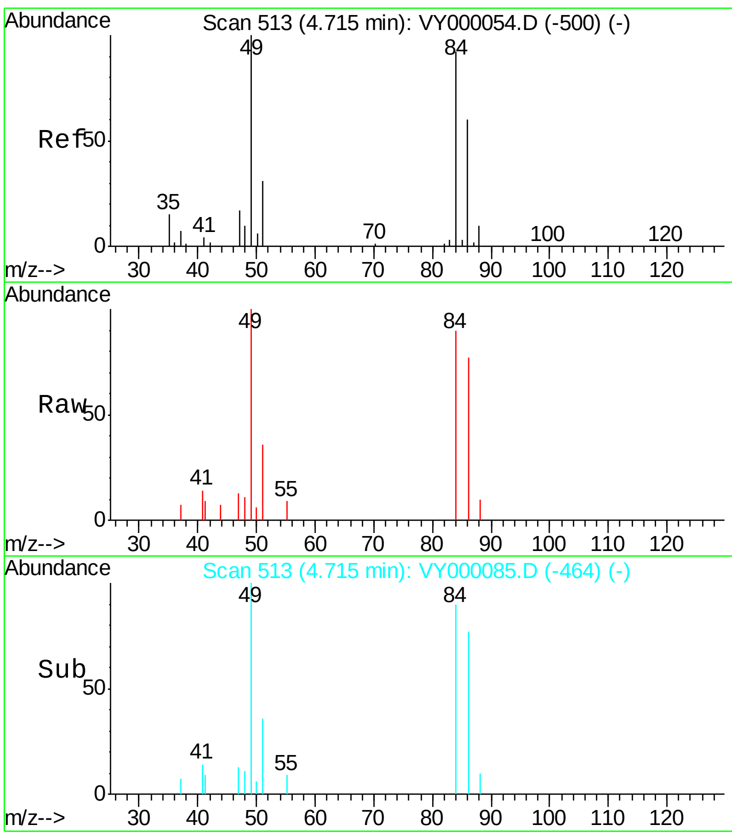
#16
Acetone
Concen: 7.012 ug/l
RT: 3.95 min Scan# 387
Delta R.T.   -0.01 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion: 43 Resp: 1043

Ion	Ratio	Lower	Upper
43	100		
58	26.4	34.5	51.7#

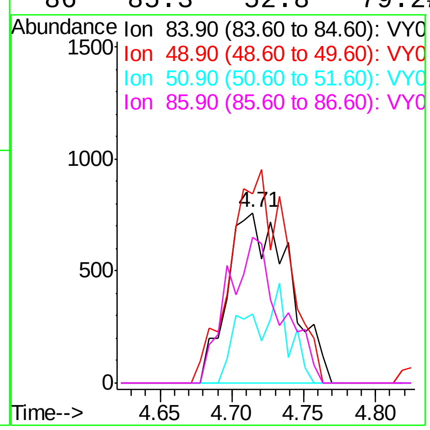


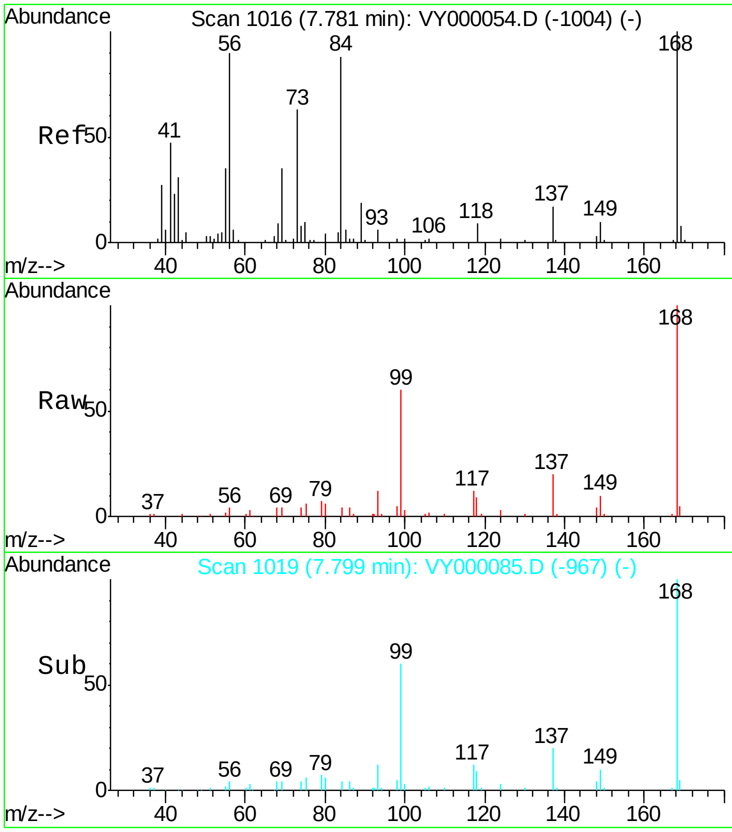


#20
Methylene Chloride
Concen: 3.283 ug/l
RT: 4.71 min Scan# 513
Delta R.T.   -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion: 84 Resp: 2297

Ion	Ratio	Lower	Upper
84	100		
49	111.3	87.4	131.0
51	40.2	27.2	40.8
86	85.3	52.8	79.2#



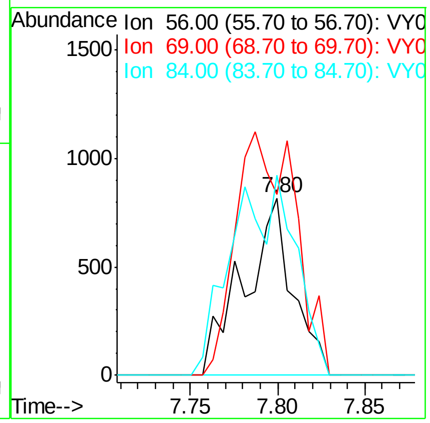


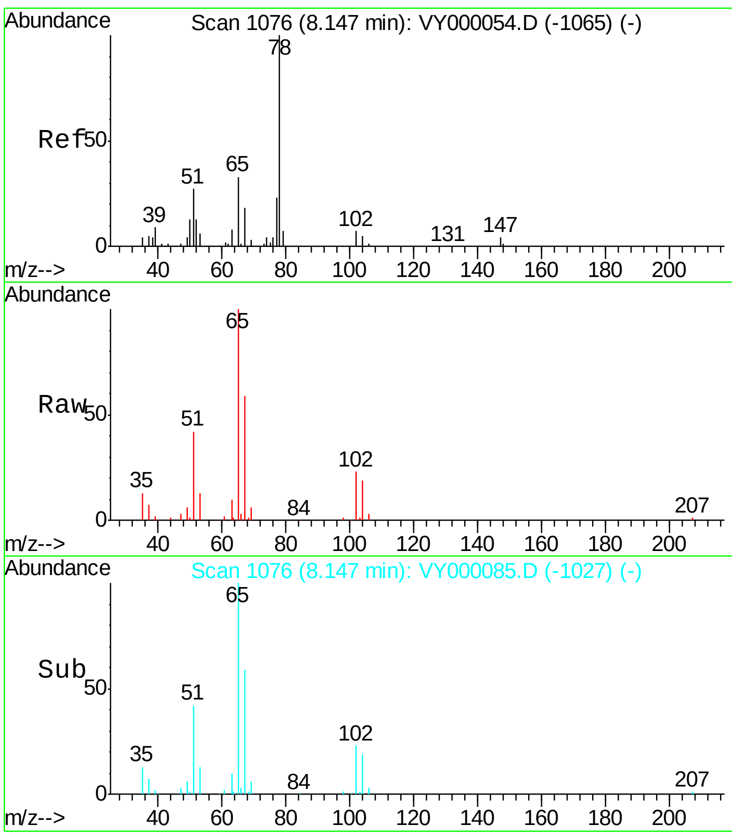
#31
Cyclohexane
Concen: Below Cal
RT: 7.80 min Scan# 1019
Delta R.T. 0.02 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion: 56 Resp: 1588

Ion	Ratio	Lower	Upper
56	100		
69	101.6	30.9	46.3#
84	112.9	78.5	117.7

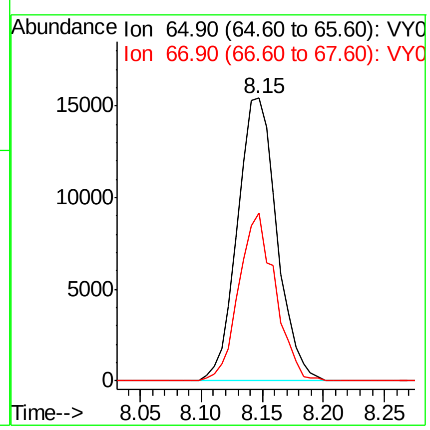


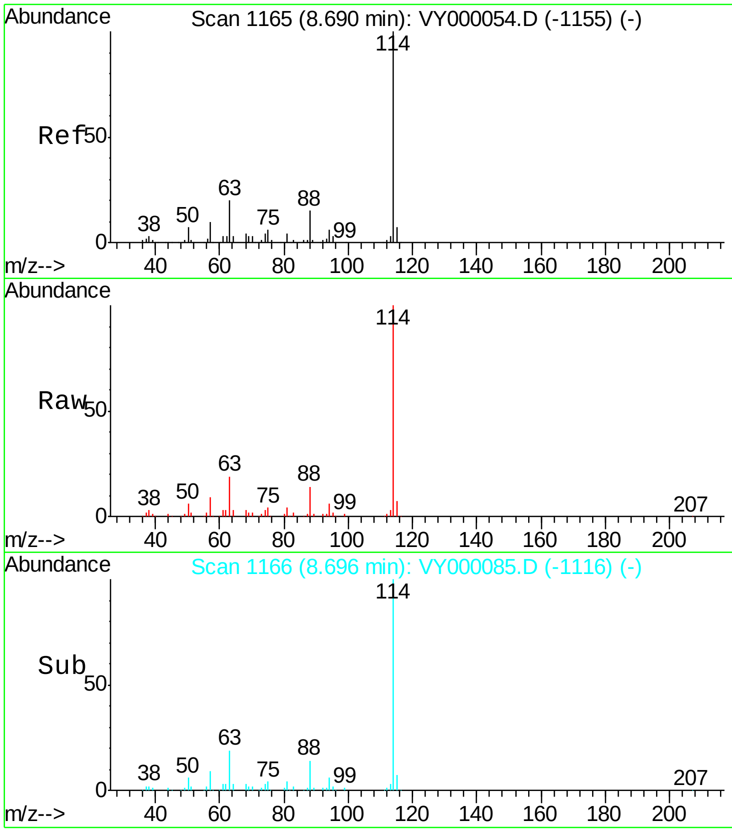


#33
1,2-Dichloroethane-d4
Concen: 54.203 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion: 65 Resp: 34628

Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	111.0



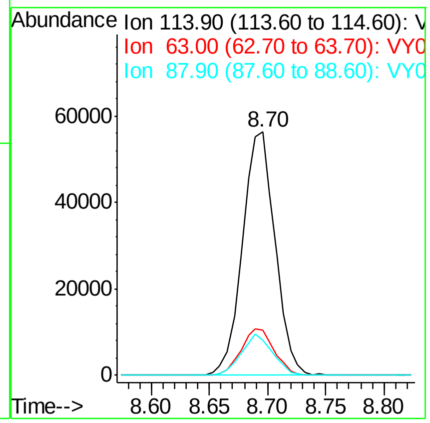


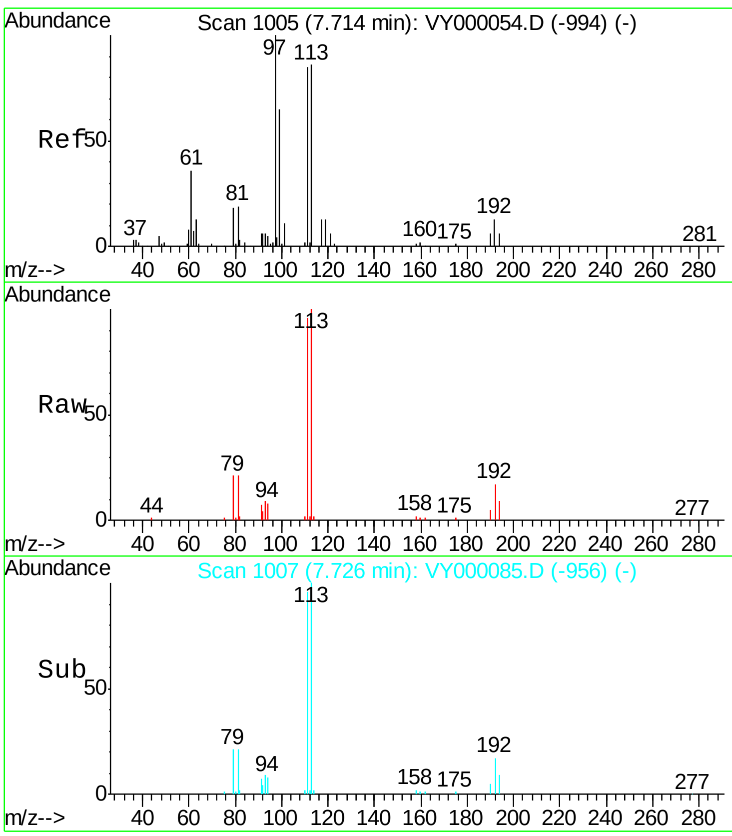
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion:114 Resp: 110046

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.4
88	14.2	0.0	30.2

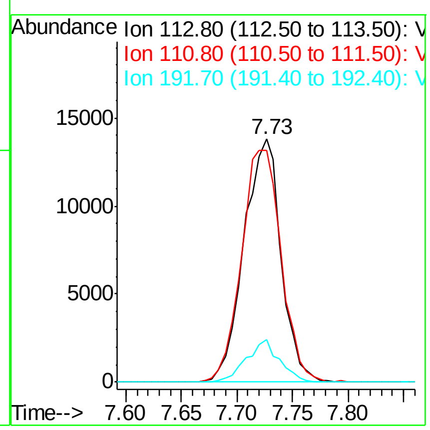


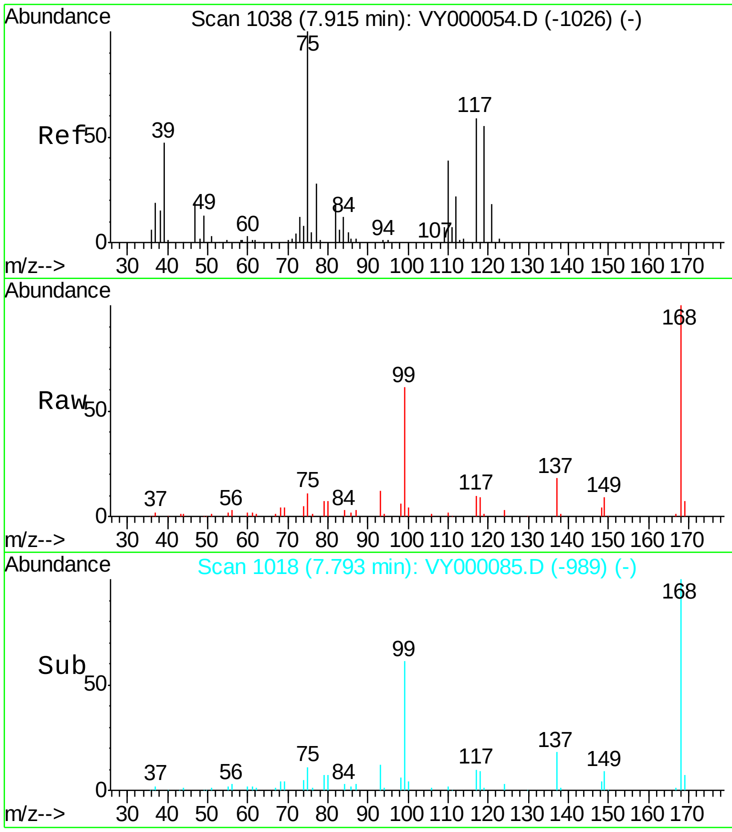


#35
Dibromofluoromethane
Concen: 48.008 ug/l
RT: 7.73 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion:113 Resp: 31988

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.7	122.5
192	15.3	13.4	20.2



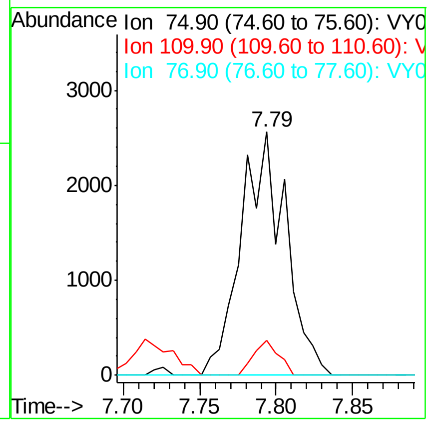


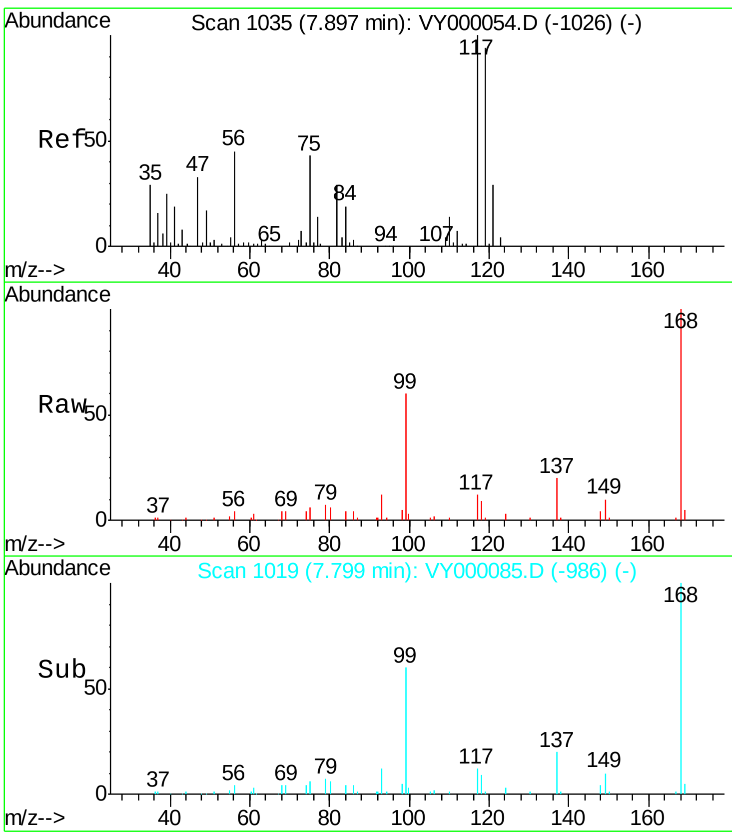
#36
1,1-Dichloropropene
Concen: 6.306 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.12 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion: 75 Resp: 5189

Ion	Ratio	Lower	Upper
75	100		
110	8.1	19.6	58.7#
77	0.0	24.3	36.5#

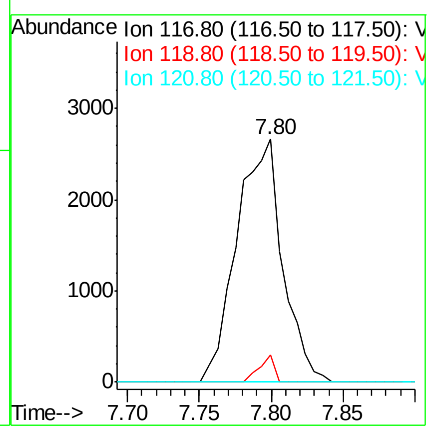


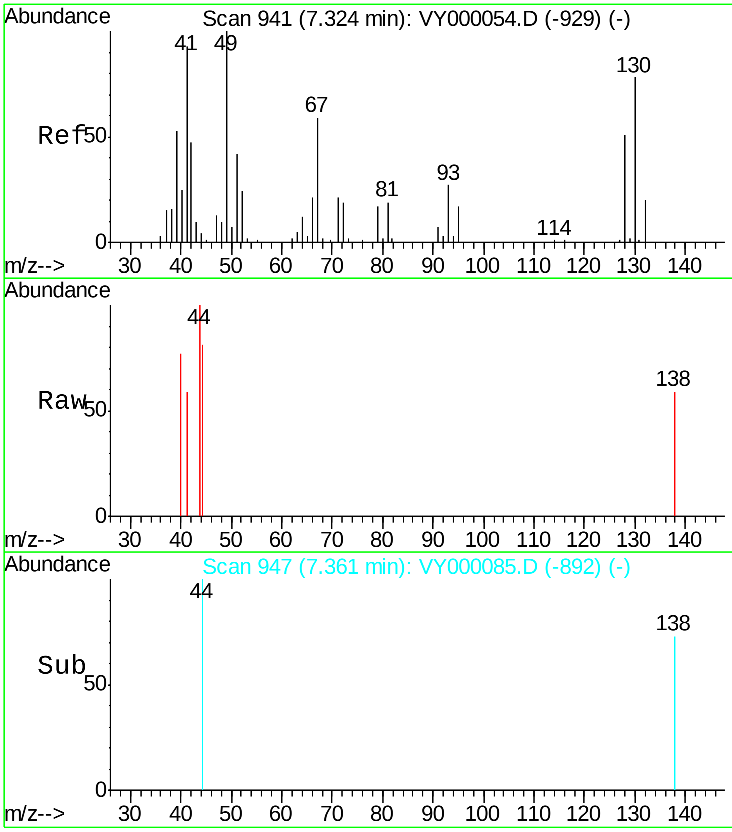


#38
Carbon Tetrachloride
Concen: 7.611 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. -0.10 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion:117 Resp: 5911

Ion	Ratio	Lower	Upper
117	100		
119	11.0	75.0	112.6#
121	0.0	22.8	34.2#



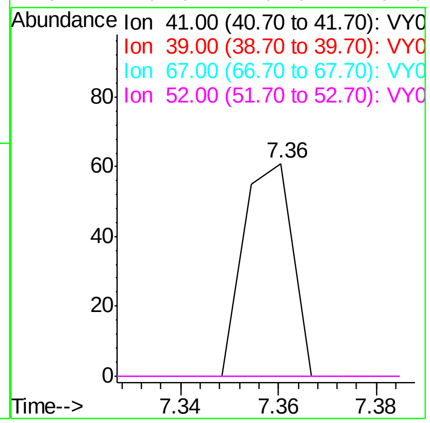


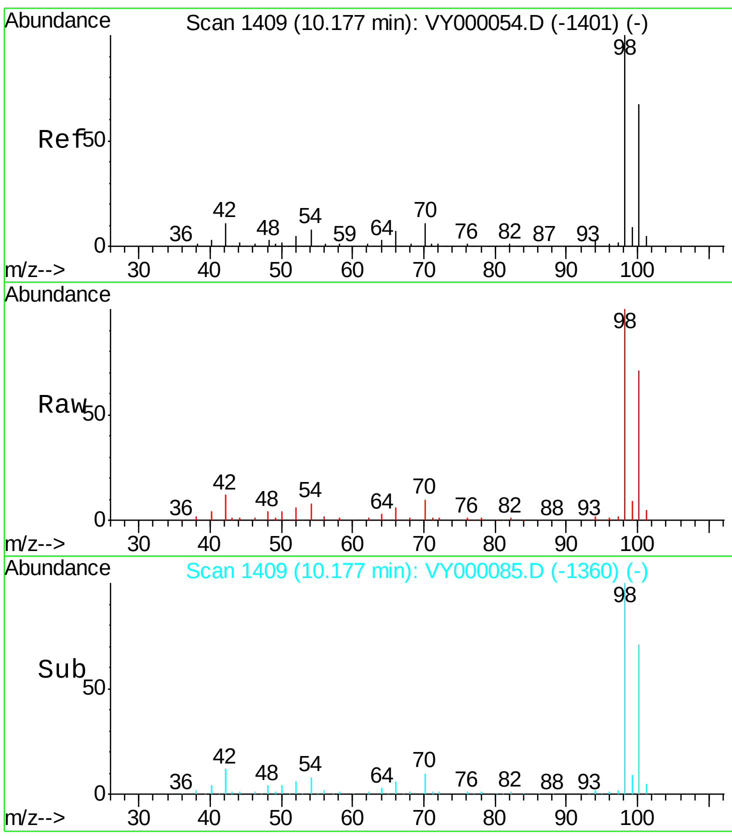
#41
Methacrylonitrile
Concen: 4.398 ug/l
RT: 7.36 min Scan# 947
Delta R.T. 0.04 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion: 41 Resp: 42

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

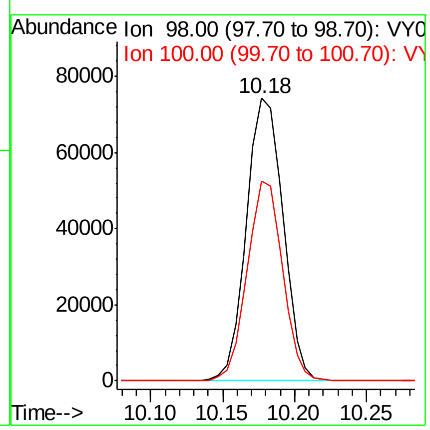


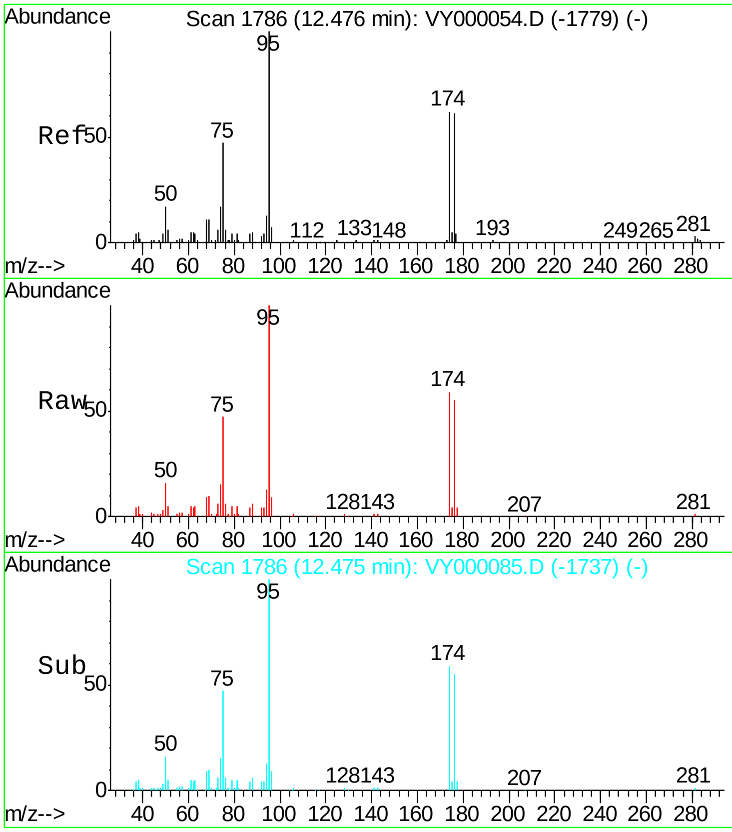


#50
Toluene-d8
Concen: 50.214 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion: 98 Resp: 131411

Ion	Ratio	Lower	Upper
98	100		
100	68.1	53.1	79.7



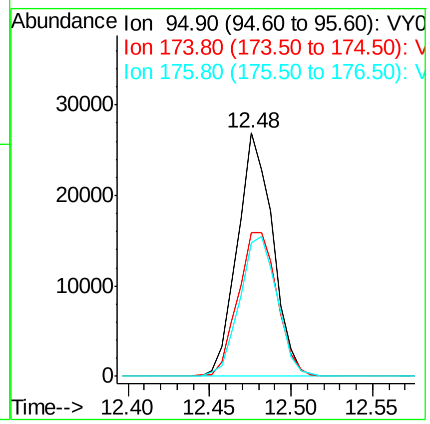


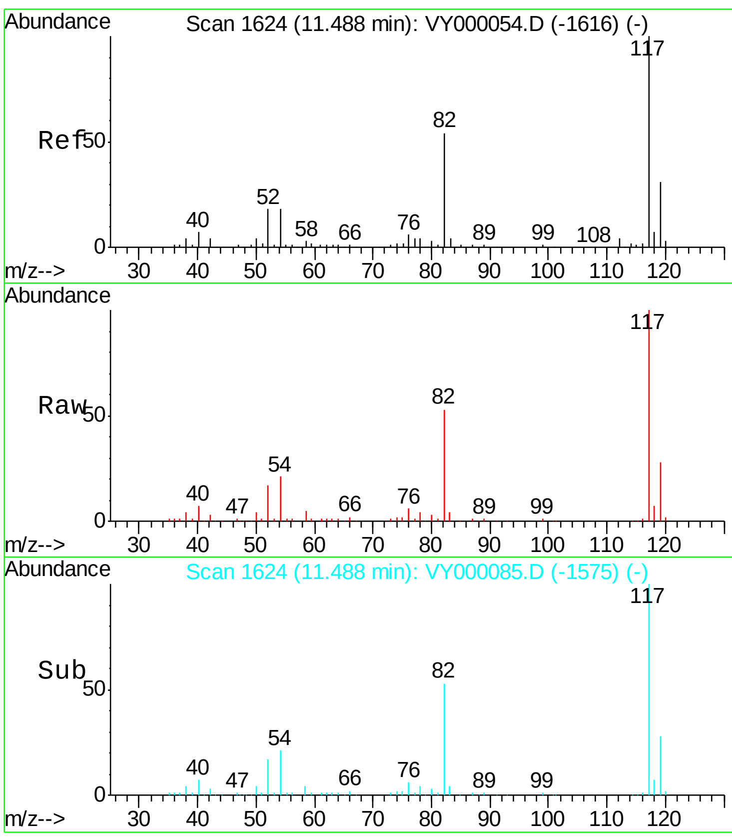
#62
4-Bromofluorobenzene
Concen: 41.838 ug/l
RT: 12.48 min   Scan# 1786
Delta R.T.   -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument : MSVOA_Y
ClientSampleId : TPA-9

Tgt Ion: 95 Resp: 40651

Ion	Ratio	Lower	Upper
95	100		
174	65.7	0.0	137.2
176	60.9	0.0	135.0

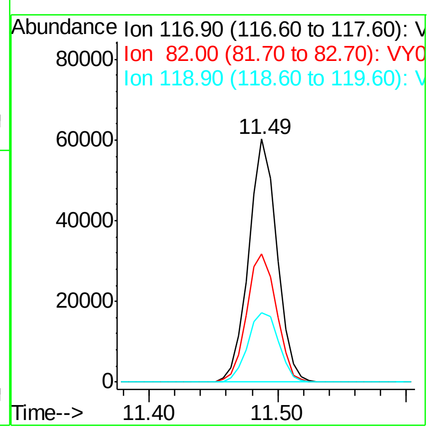


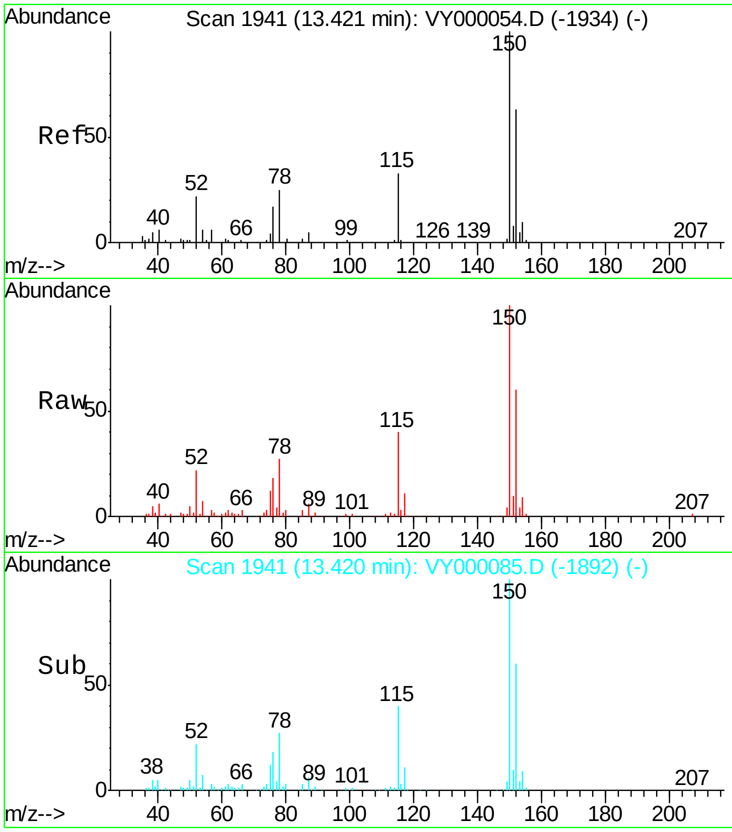


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min   Scan# 1624
Delta R.T.   -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion:117 Resp: 90632

Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.5	65.3
119	28.4	24.6	36.8



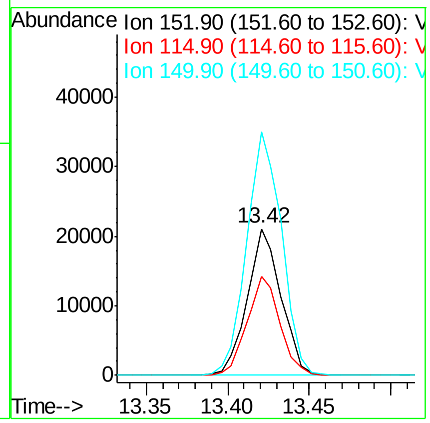


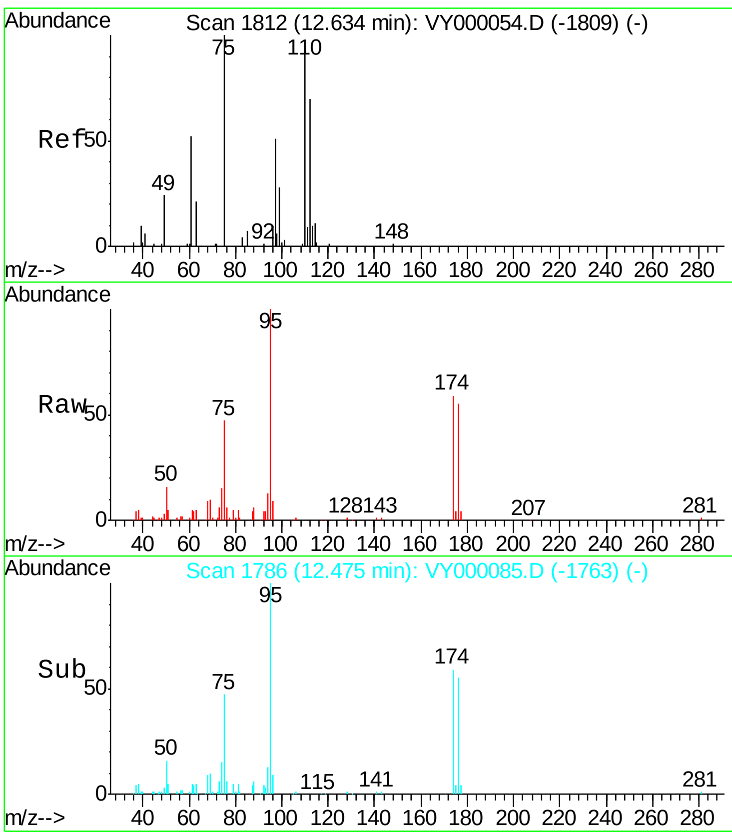
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min   Scan# 1941
Delta R.T.   -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019   18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion:152 Resp: 30474

Ion	Ratio	Lower	Upper
152	100		
115	65.7	30.7	92.1
150	171.8	0.0	351.6

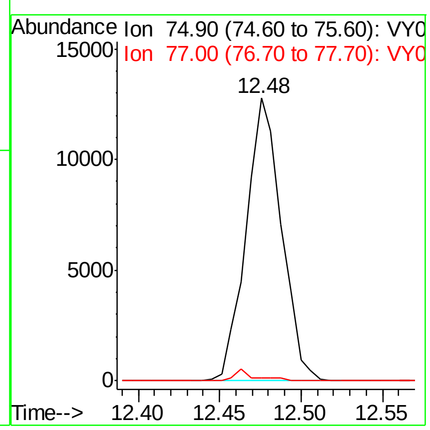


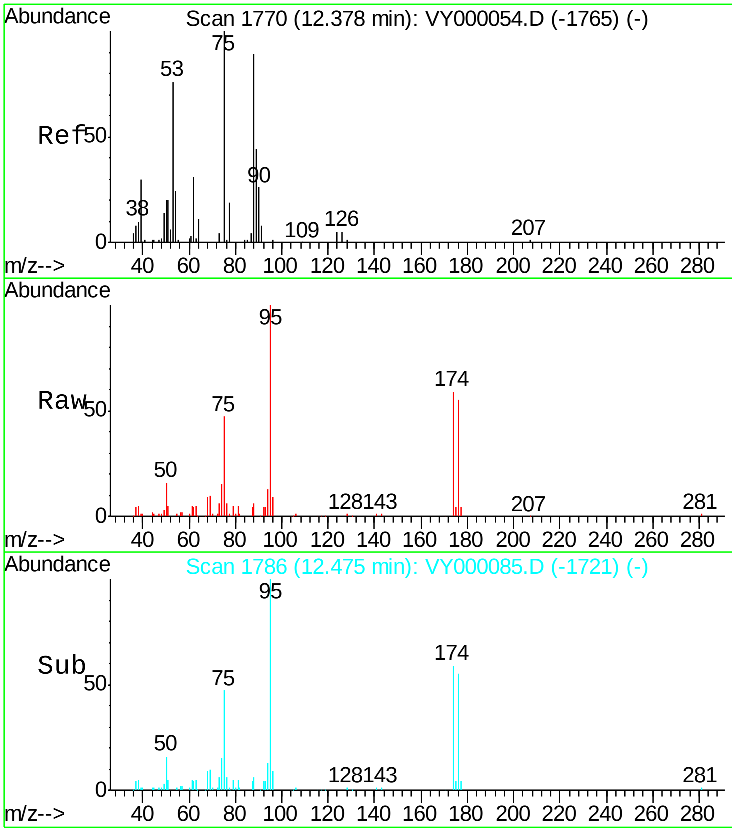


#76
1,2,3-Trichloropropane
Concen: 45.269 ug/l
RT: 12.48 min   Scan# 1786
Delta R.T.   -0.16 min
Lab File: VY000085.D
Acq: 19 Sep 2019   18:15

Tgt Ion: 75 Resp: 19410

Ion	Ratio	Lower	Upper
75	100		
77	2.4	0.0	0.0#



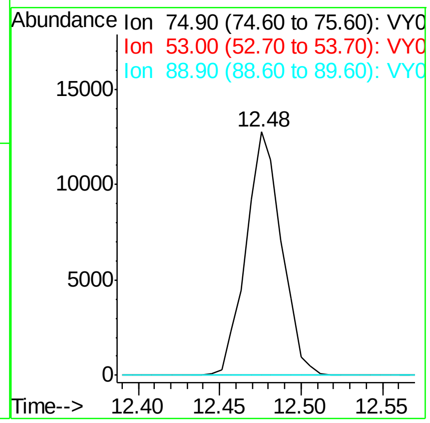


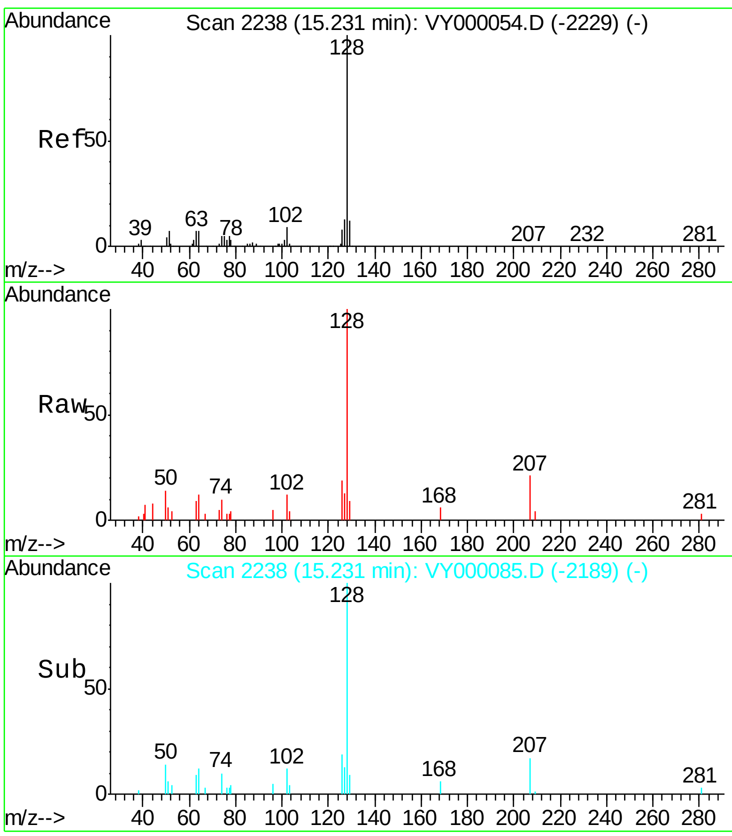
#81
trans-1,4-Dichloro-2-butene
Concen: 87.064 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Instrument :
MSVOA_Y
ClientSampleId :
TPA-9

Tgt Ion: 75 Resp: 19410

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





#95
Naphthalene
Concen: 2.658 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000085.D
Acq: 19 Sep 2019 18:15

Tgt Ion:128 Resp: 4351

Ion	Ratio	Lower	Upper
128	100		
127	15.9	10.3	15.5#
129	7.9	9.2	13.8#