Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000083.D
Acq On : 19 Sep 2019 17:29
Operator : SY/MD
Sample : K4878-14
Misc : 6.39g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CSA-2-9-2

Quant Time: Sep 20 01:56:56 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	9791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	18268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	11675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	3313	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	5093	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery = 90.42%			
35) Dibromofluoromethane	7.73	113	3639	32.90	ug/l	0.01
Spiked Amount 50.000			Recovery = 65.80%			
50) Toluene-d8	10.18	98	19847	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.36%			
62) 4-Bromofluorobenzene	12.48	95	4176	25.89	ug/l	0.00
Spiked Amount 50.000			Recovery = 51.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	20	Below Cal	#	42
3) Chloromethane	2.11	50	174	Below Cal	#	41
11) Tert butyl alcohol	4.98	59	65	4.867 ug/l	#	73
13) Acrolein	3.81	56	31	Below Cal		95
16) Acetone	3.95	43	1033	39.386 ug/l	#	33
17) Carbon Disulfide	4.20	76	27	Below Cal	#	77
18) Methyl Acetate	4.40	43	93	1.061 ug/l	#	45
20) Methylene Chloride	4.71	84	351	2.845 ug/l	#	46
25) 2-Butanone	7.01	43	120	2.526 ug/l	#	44
31) Cyclohexane	7.79	56	382	Below Cal	#	49
36) 1,1-Dichloropropene	7.79	75	760	5.564 ug/l	#	40
38) Carbon Tetrachloride	7.79	117	791	6.136 ug/l	#	13
41) Methacrylonitrile	7.32	41	36	4.773 ug/l	#	1
51) 4-Methyl-2-Pentanone	10.15	43	100	1.029 ug/l		96
67) Ethyl Benzene	11.70	91	436	1.058 ug/l	#	1
68) m/p-Xylenes	11.69	106	278	1.773 ug/l		76
76) 1,2,3-Trichloropropane	12.68	75	109	2.338 ug/l	#	100
77) Bromobenzene	12.66	156	2017	36.178 ug/l	#	1
81) trans-1,4-Dichloro-2-buten	12.48	75	2999	123.737 ug/l	#	22
92) 1,2-Dibromo-3-Chloropropan	14.26	75	55	4.915 ug/l	#	21
95) Naphthalene	15.22	128	1089	6.118 ug/l	#	93

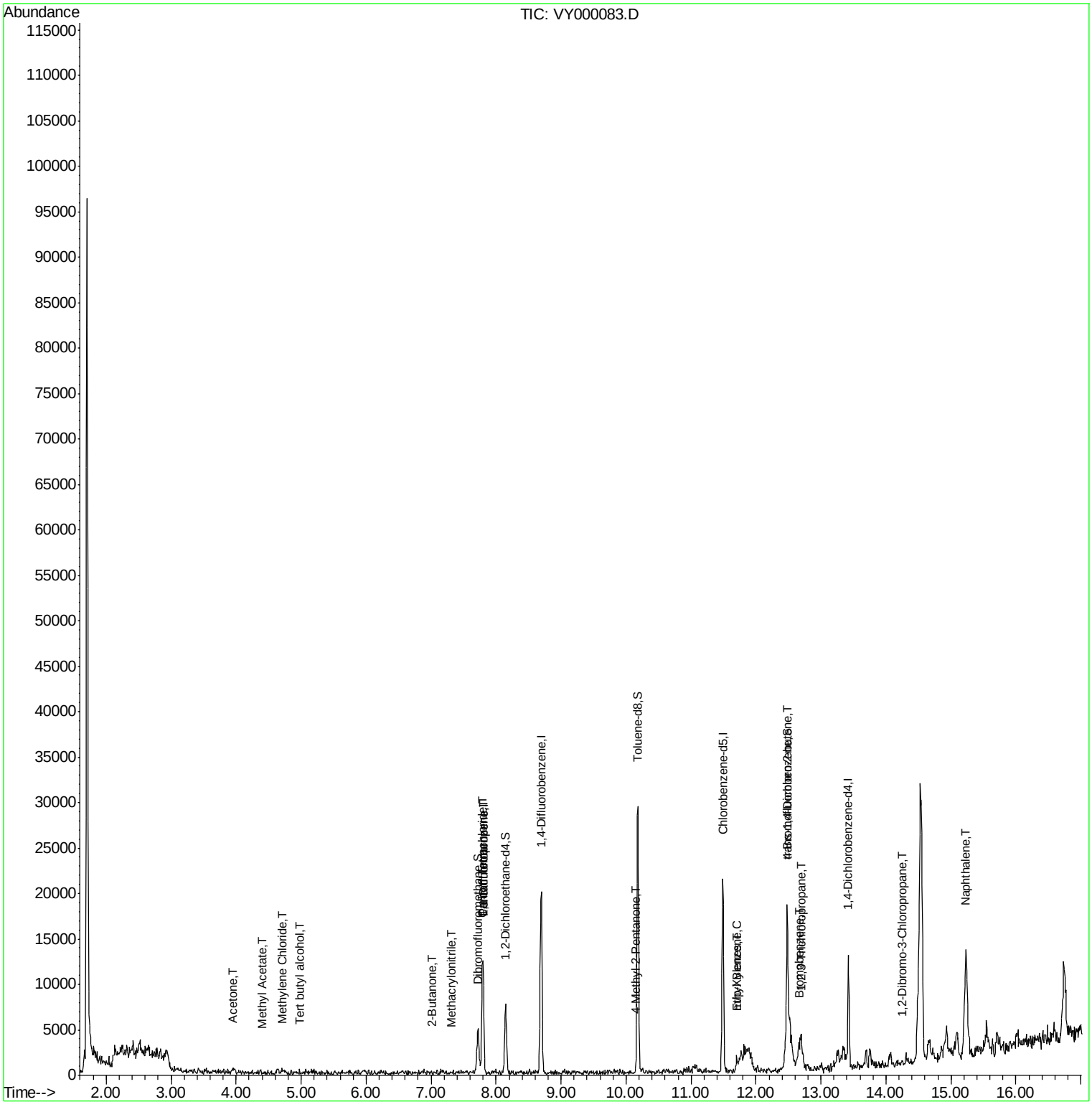
(#) = qualifier out of range (m) = manual integration (+) = signals summed

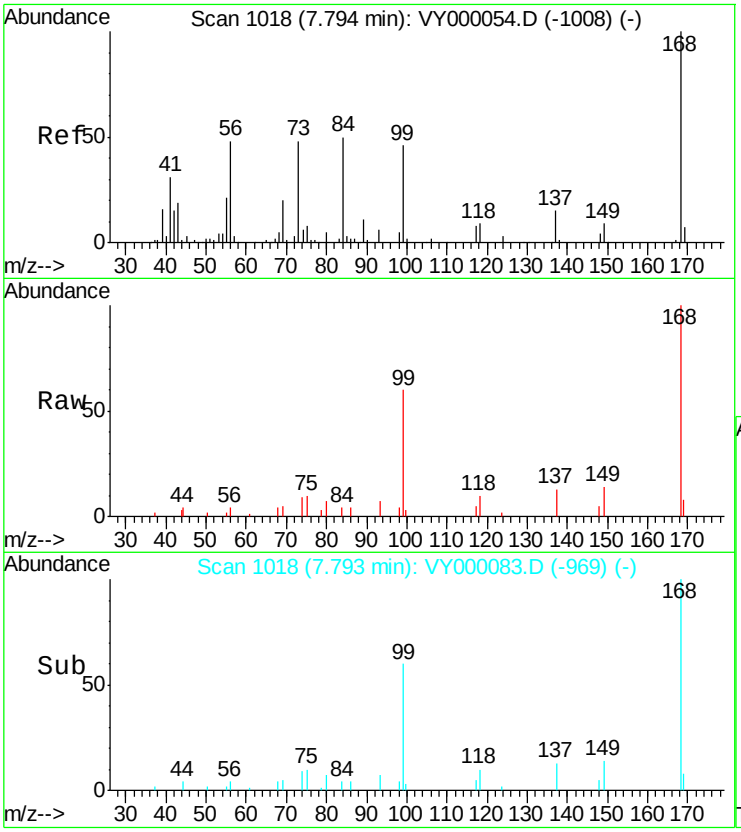
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000083.D
Acq On : 19 Sep 2019 17:29
Operator : SY/MD
Sample : K4878-14
Misc : 6.39g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Quant Time: Sep 20 01:56:56 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



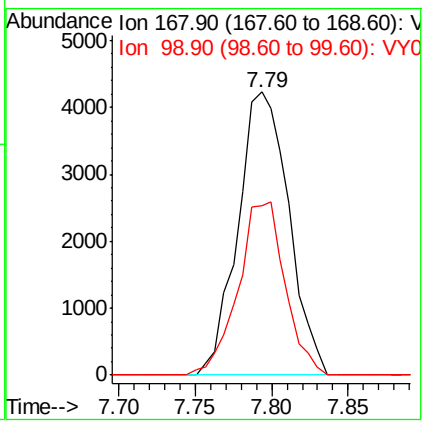


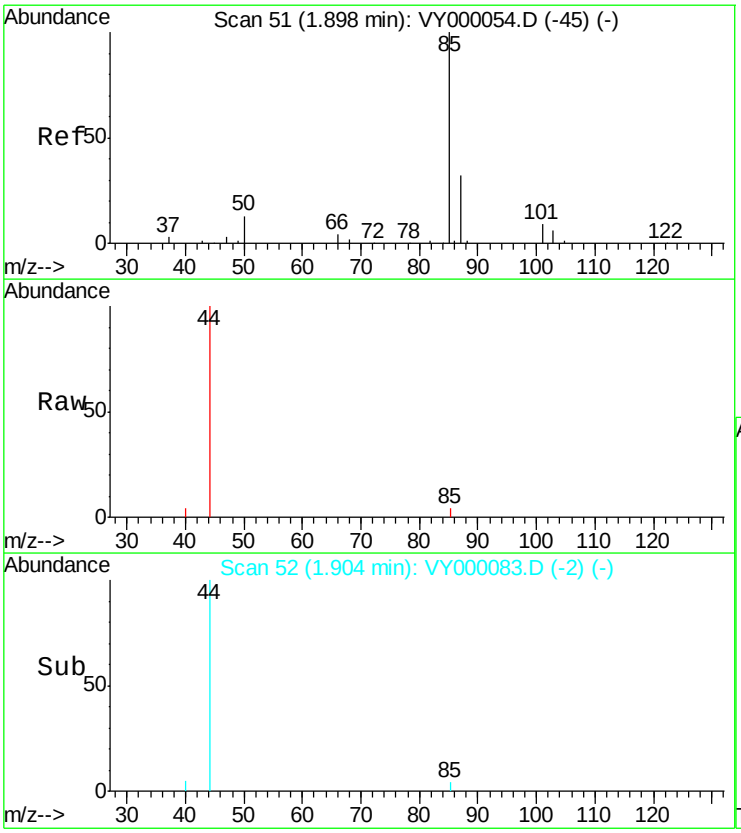
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion:168 Resp: 9791

Ion	Ratio	Lower	Upper
168	100		
99	60.0	44.2	66.2

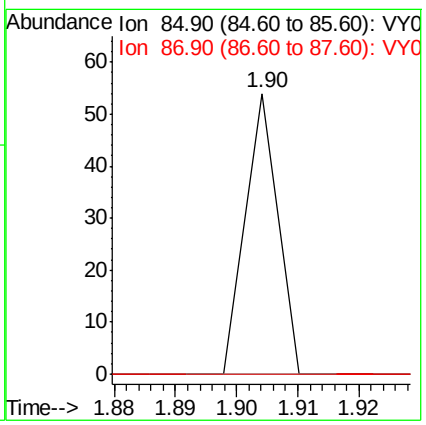


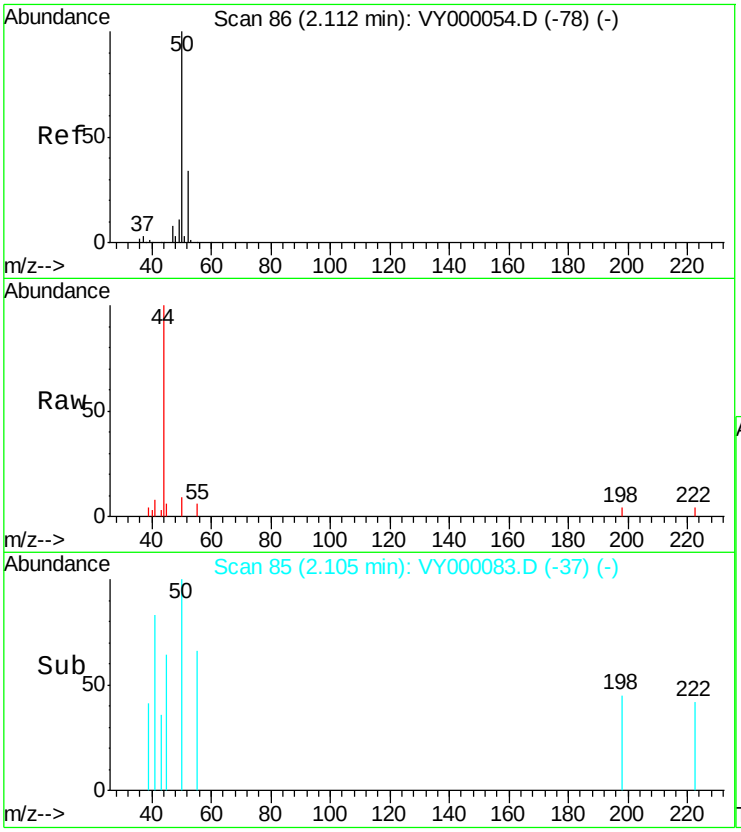


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 52
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 85 Resp: 20

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



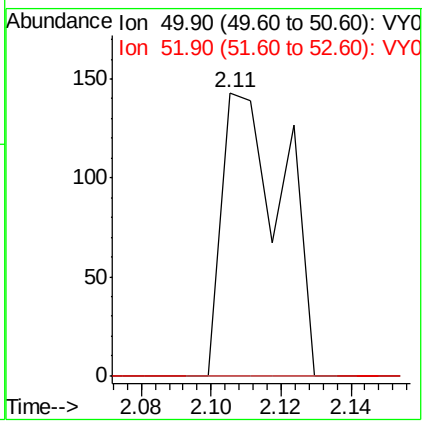


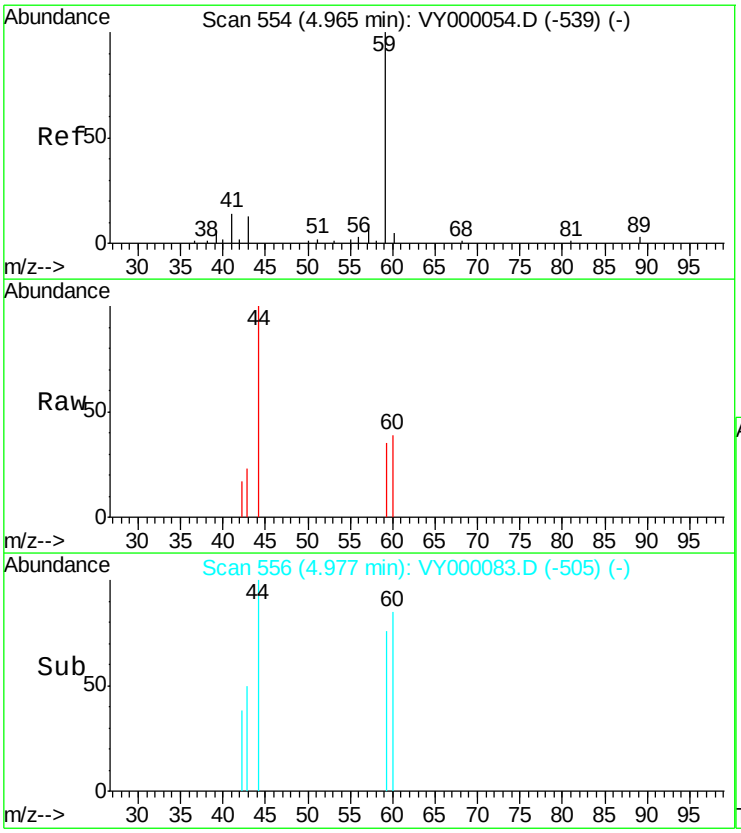
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 50 Resp: 174

Ion	Ratio	Lower	Upper
50	100		
52	0.0	27.3	40.9#

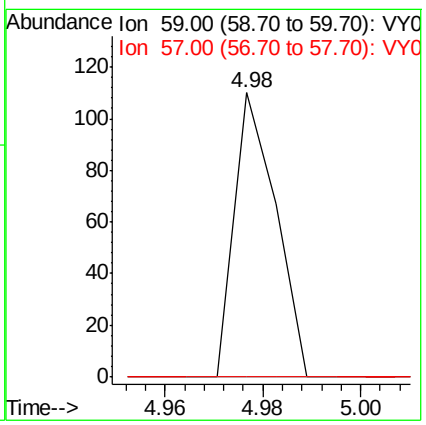


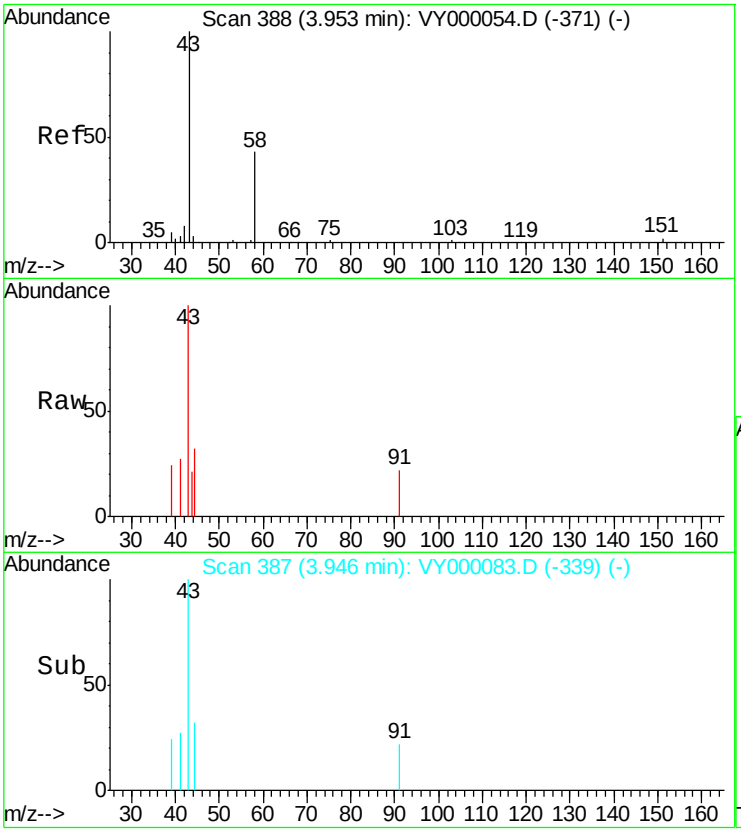


#11
Tert butyl alcohol
Concen: 4.867 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 59 Resp: 65

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



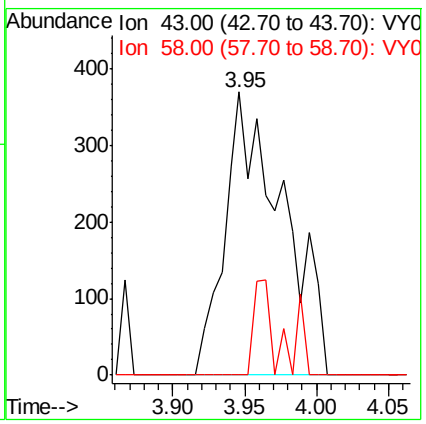


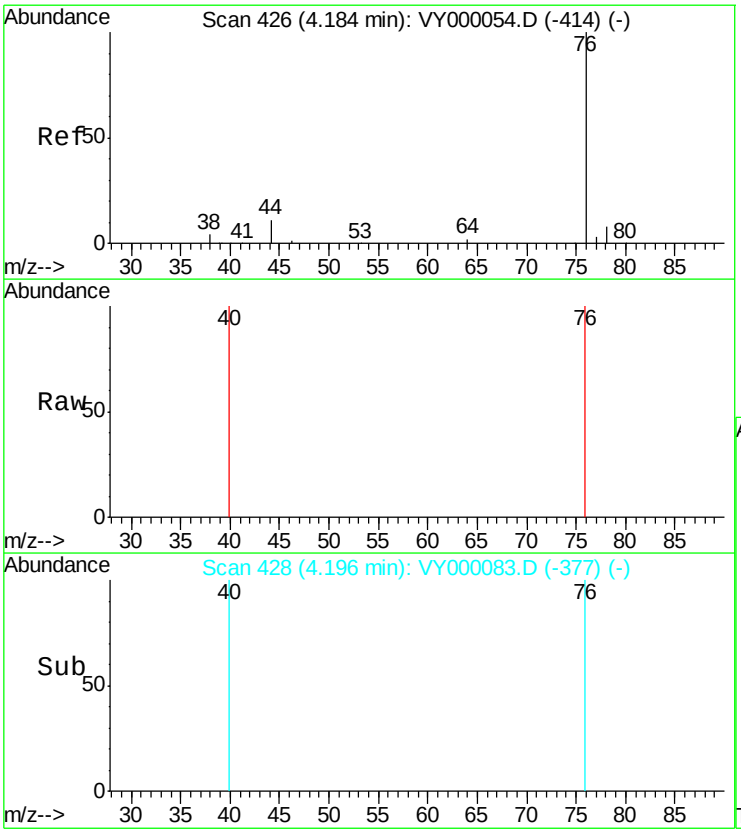
#16
Acetone
Concen: 39.386 ug/l
RT: 3.95 min Scan# 387
Delta R.T. -0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 43 Resp: 1033

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.5	51.7#

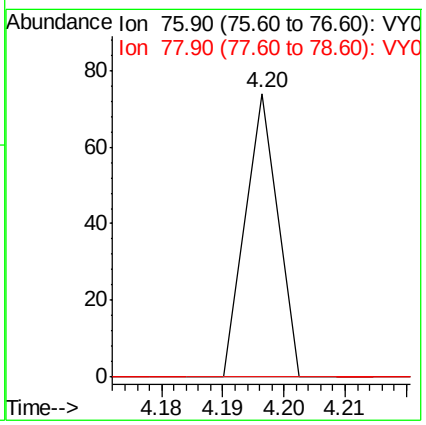


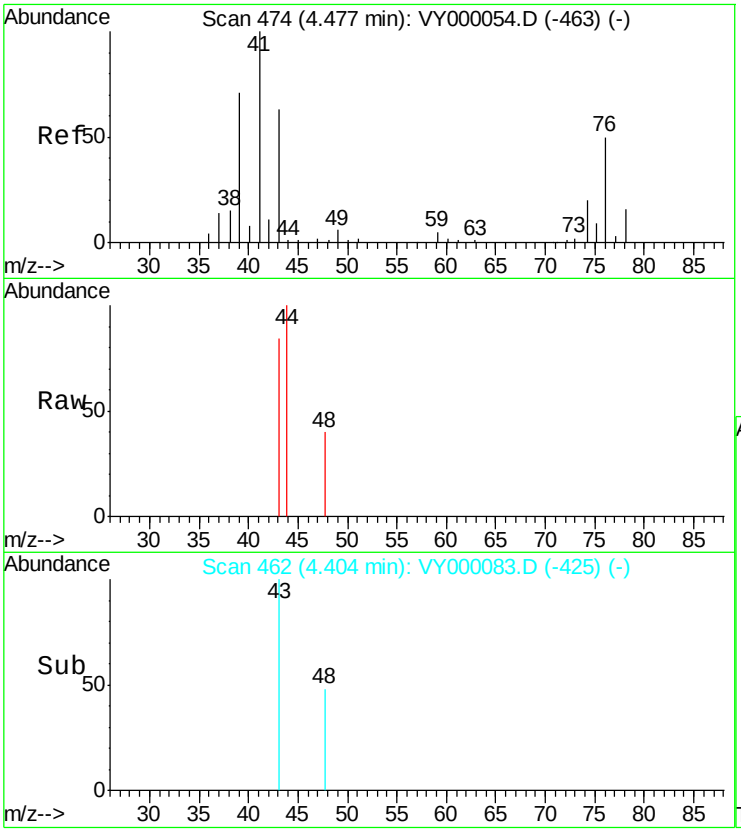


#17
Carbon Disulfide
Concen: Below Cal
RT: 4.20 min Scan# 428
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 76 Resp: 27

Ion	Ratio	Lower	Upper
76	100		
78	0.0	6.6	9.8#



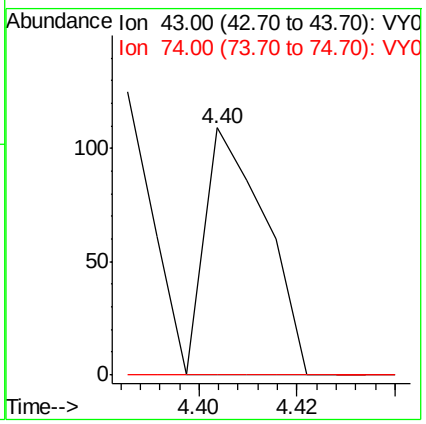


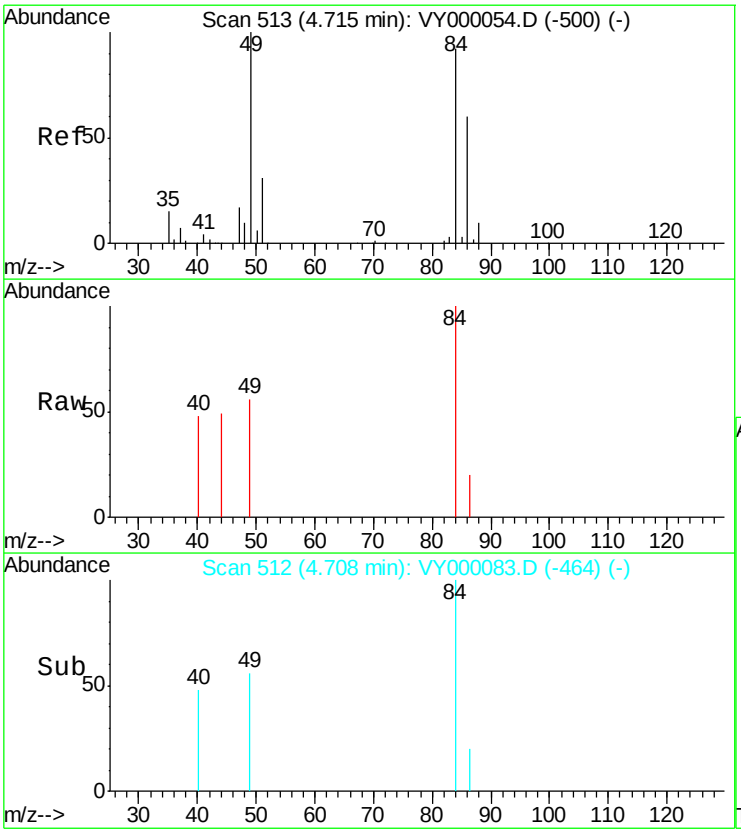
#18
Methyl Acetate
Concen: 1.061 ug/l
RT: 4.40 min Scan# 462
Delta R.T. -0.07 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument : MSVOA_Y
ClientSampleId : CSA-2-9-2

Tgt Ion: 43 Resp: 93

Ion	Ratio	Lower	Upper
43	100		
74	0.0	24.1	36.1#

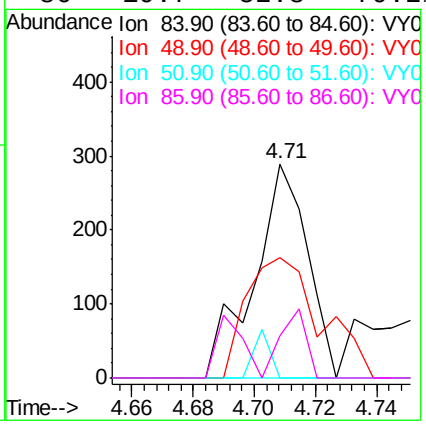


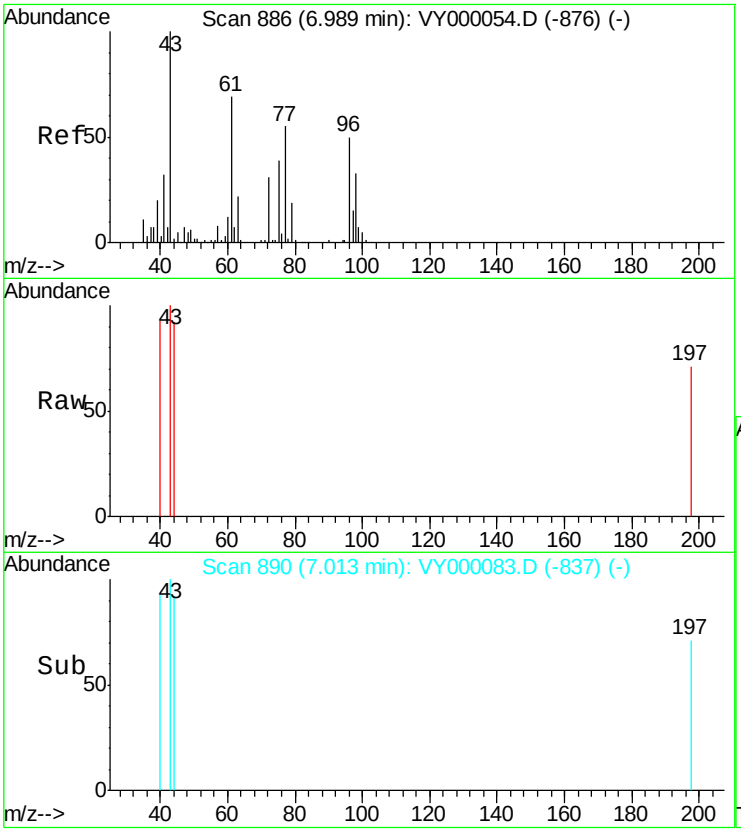


#20
Methylene Chloride
Concen: 2.845 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 84 Resp: 351

Ion	Ratio	Lower	Upper
84	100		
49	56.4	87.4	131.0#
51	0.0	27.2	40.8#
86	19.7	52.8	79.2#



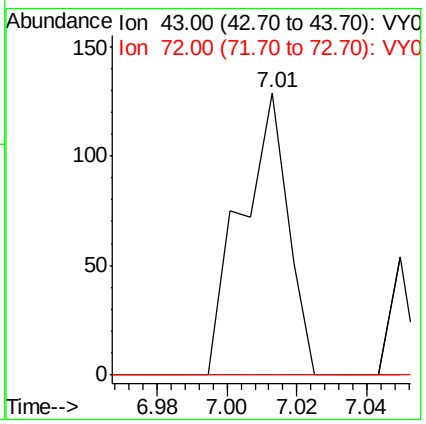


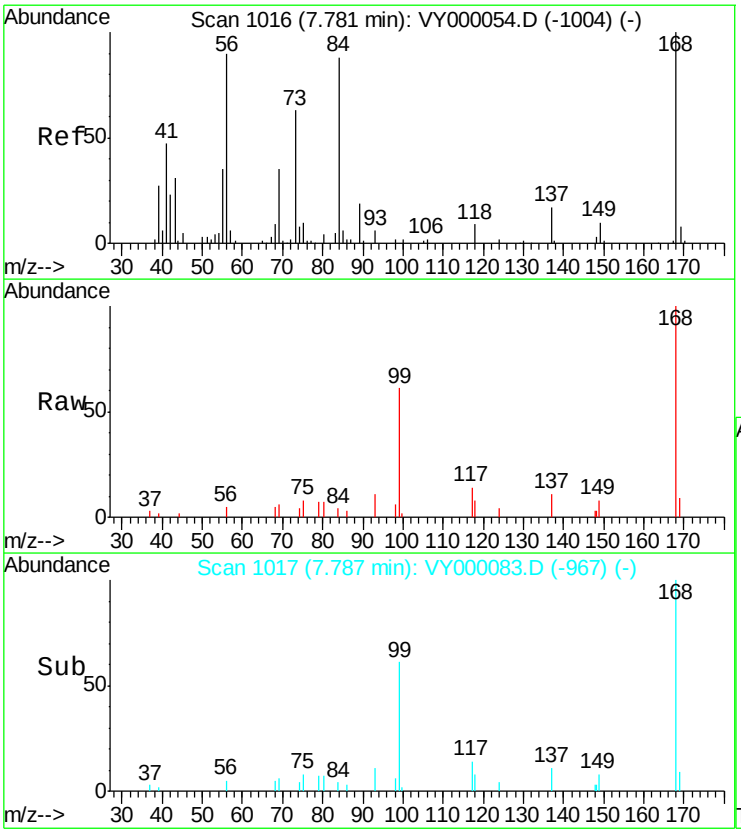
#25
2-Butanone
Concen: 2.526 ug/l
RT: 7.01 min Scan# 890
Delta R.T. 0.02 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 43 Resp: 120

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.7	37.1#

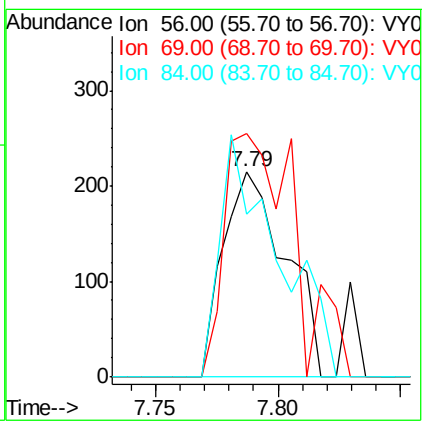


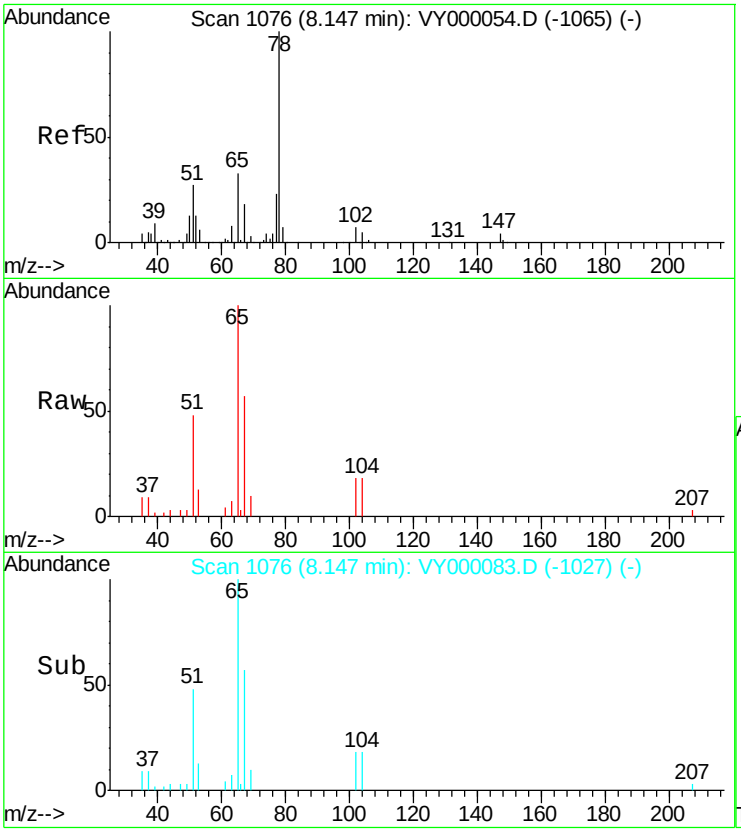


#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 56 Resp: 382

Ion	Ratio	Lower	Upper
56	100		
69	118.6	30.9	46.3#
84	79.1	78.5	117.7



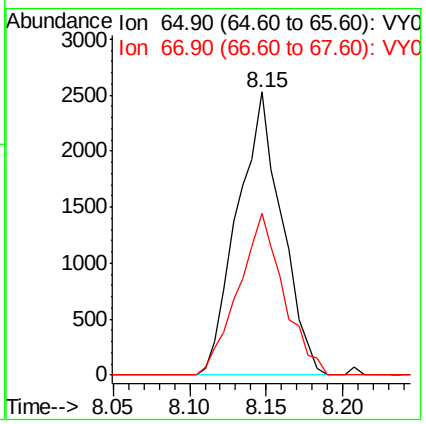


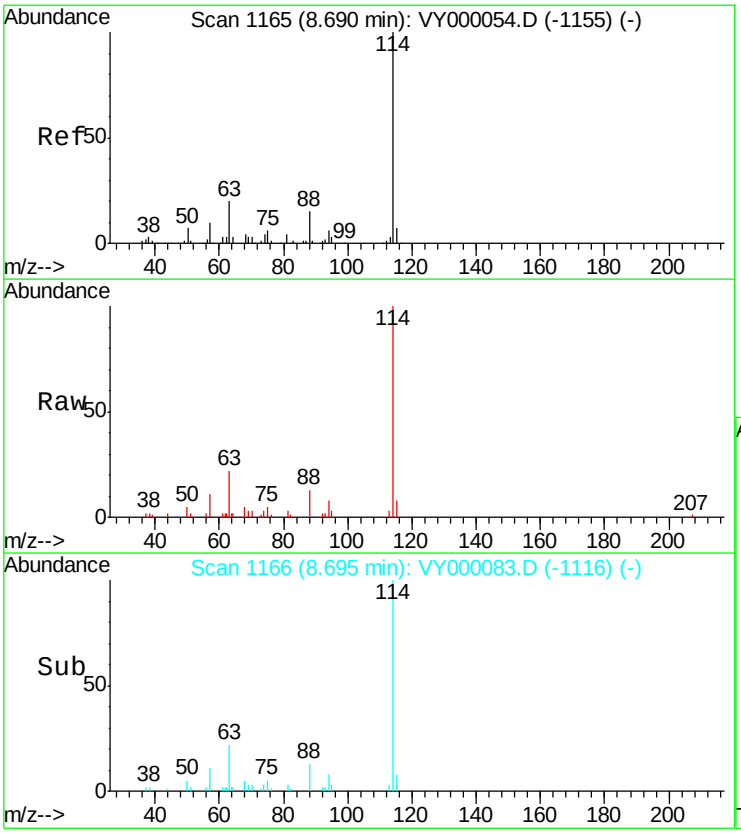
#33
1,2-Dichloroethane-d4
Concen: 45.212 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 65 Resp: 5093

Ion	Ratio	Lower	Upper
65	100		
67	58.3	0.0	111.0

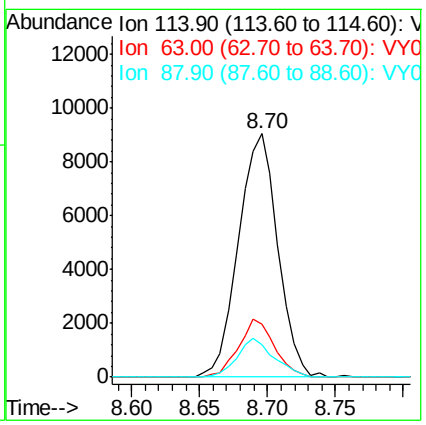


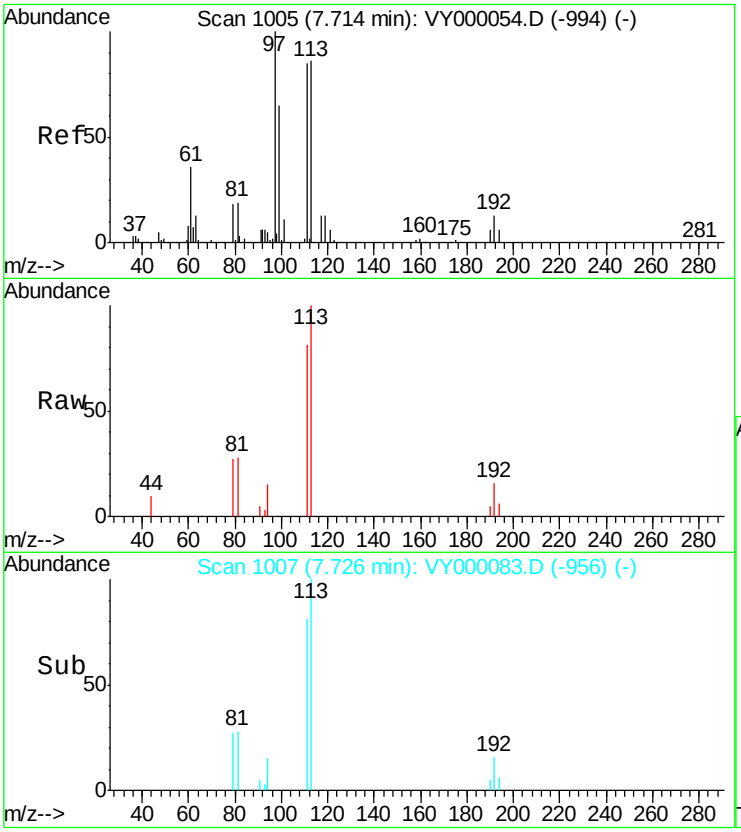


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.70 min Scan# 1166
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion:114 Resp: 18268

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	39.4
88	13.1	0.0	30.2



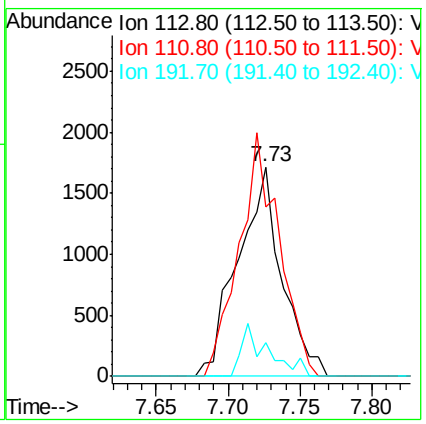


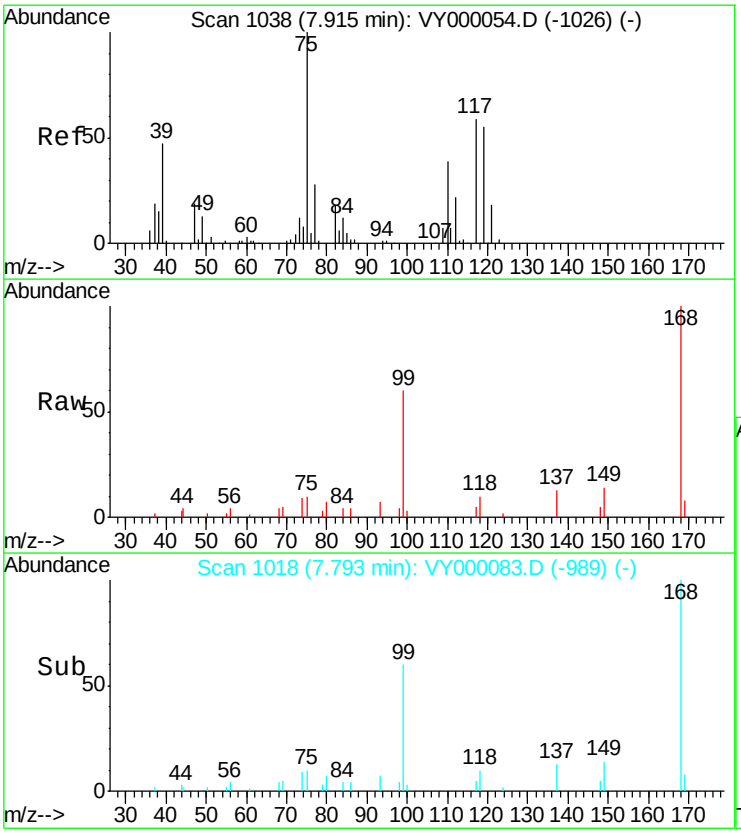
#35
Dibromofluoromethane
Concen: 32.900 ug/l
RT: 7.73 min Scan# 1007
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion:113 Resp: 3639

Ion	Ratio	Lower	Upper
113	100		
111	105.9	81.7	122.5
192	15.2	13.4	20.2

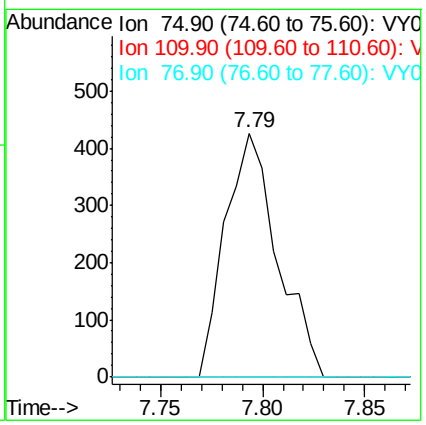


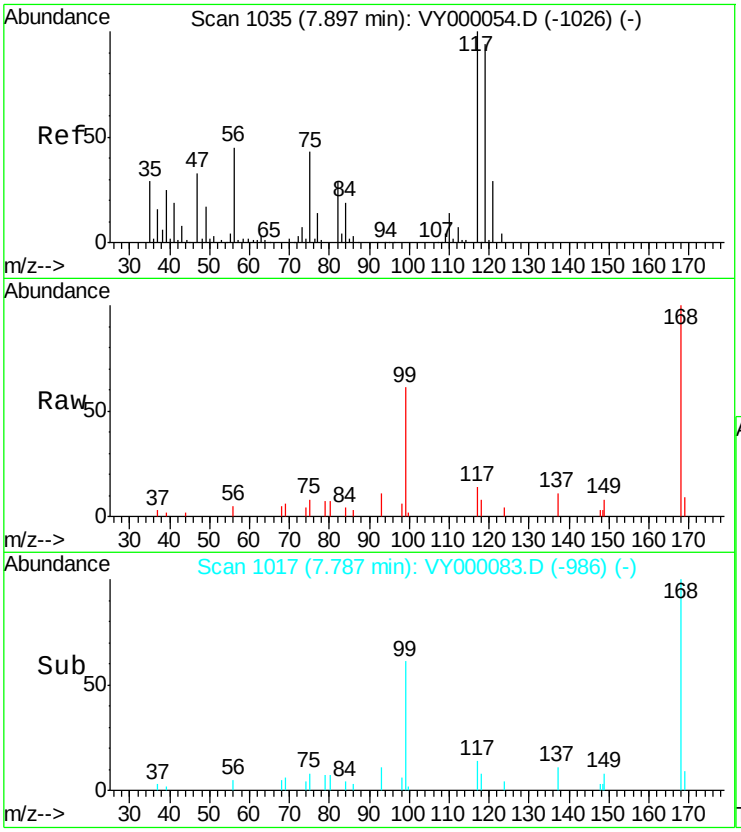


#36
1,1-Dichloropropene
Concen: 5.564 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.12 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 75 Resp: 760

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



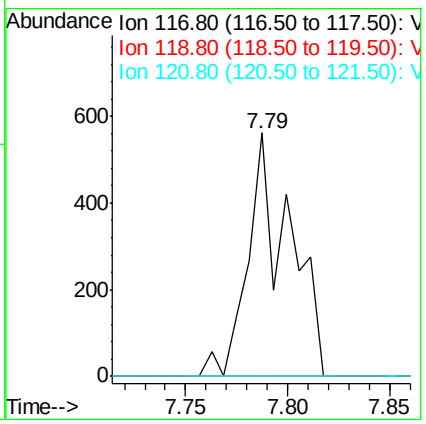


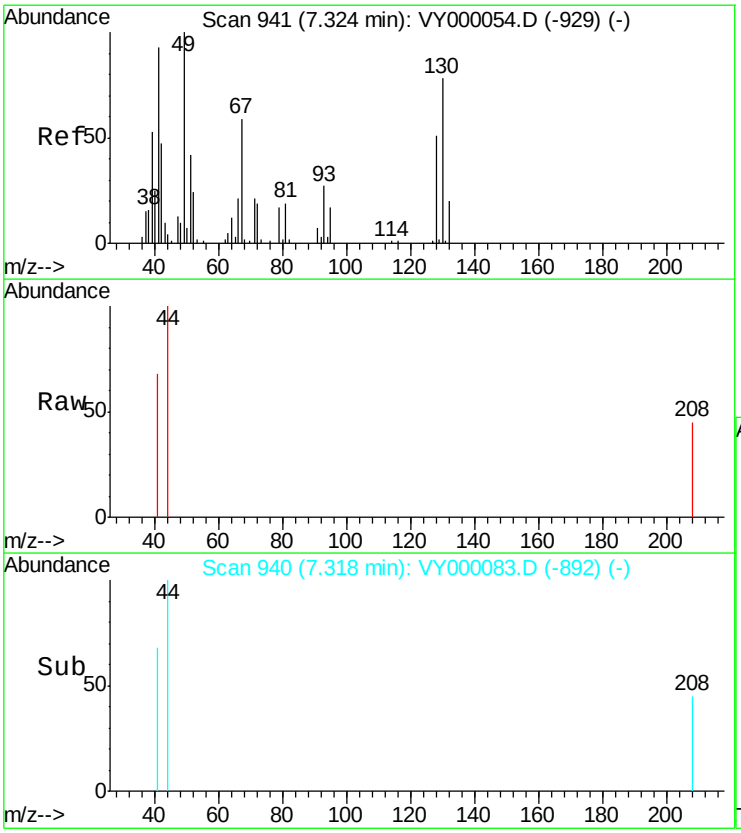
#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 7.79 min Scan# 1017
Delta R.T. -0.11 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion:117 Resp: 791

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

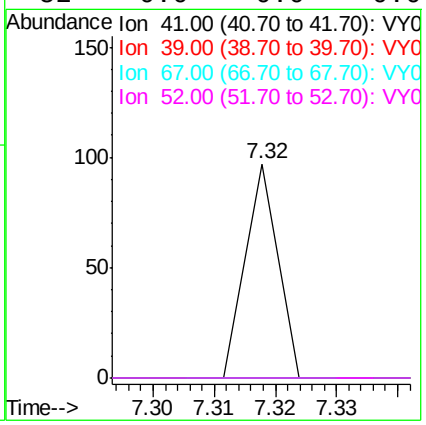


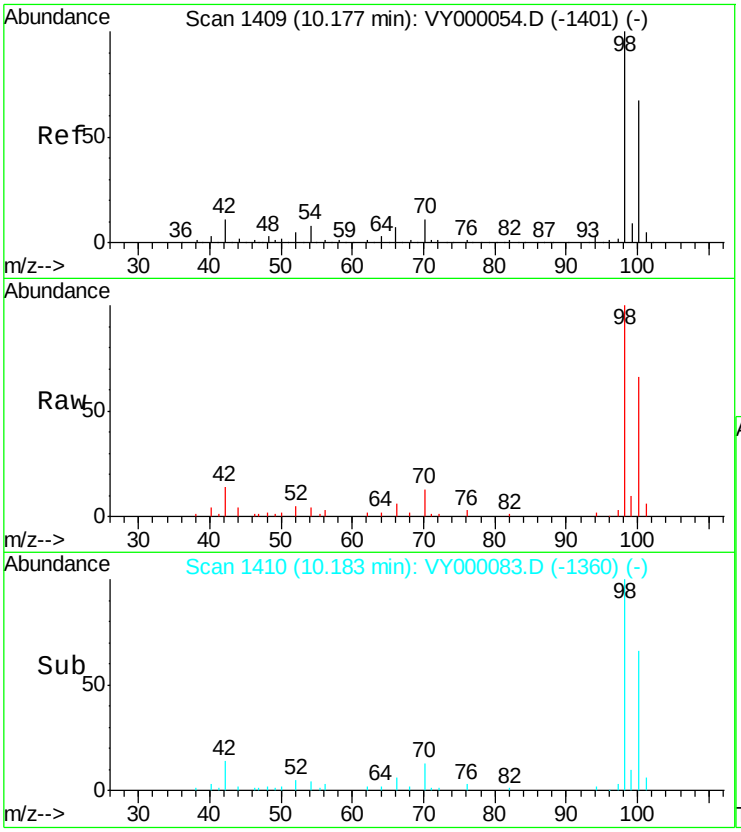


#41
Methacrylonitrile
Concen: 4.773 ug/l
RT: 7.32 min Scan# 940
Delta R.T. -0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 41 Resp: 36

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



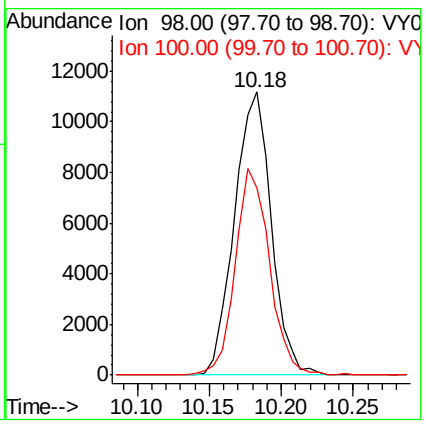


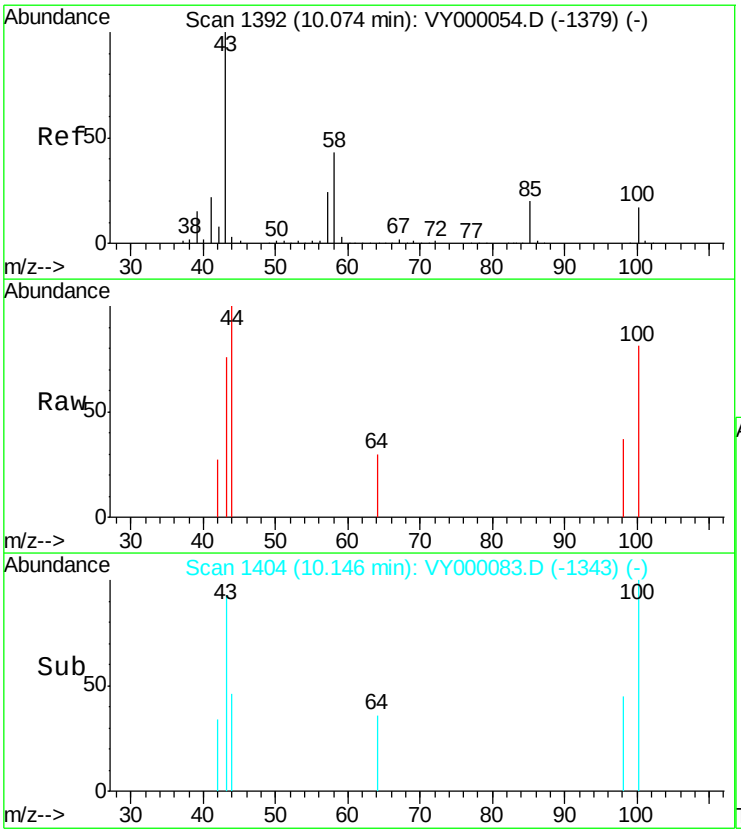
#50
Toluene-d8
Concen: 45.685 ug/l
RT: 10.18 min Scan# 1410
Delta R.T. 0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 98 Resp: 19847

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.1	79.7

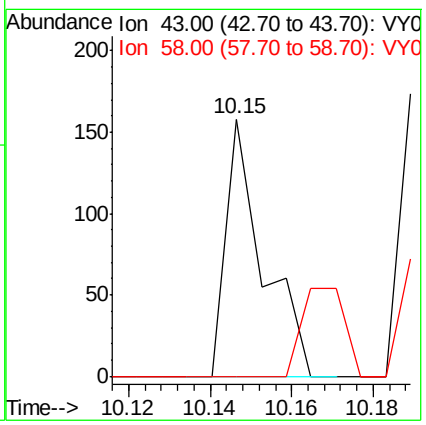


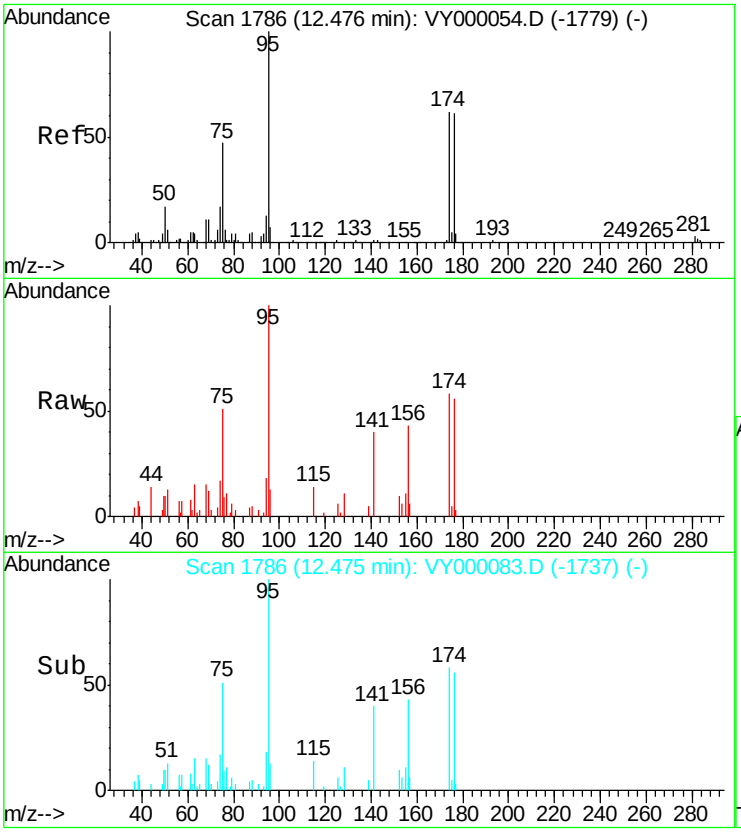


#51
4-Methyl-2-Pentanone
Concen: 1.029 ug/l
RT: 10.15 min Scan# 1404
Delta R.T. 0.07 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 43 Resp: 100

Ion	Ratio	Lower	Upper
43	100		
58	40.0	34.2	51.2



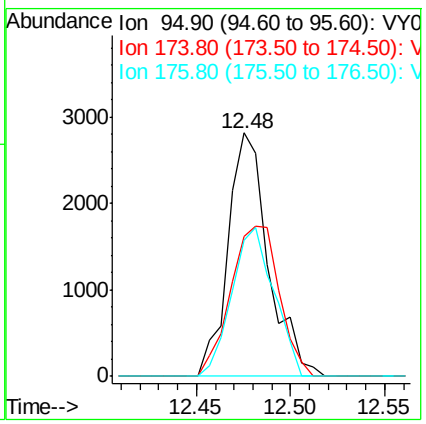


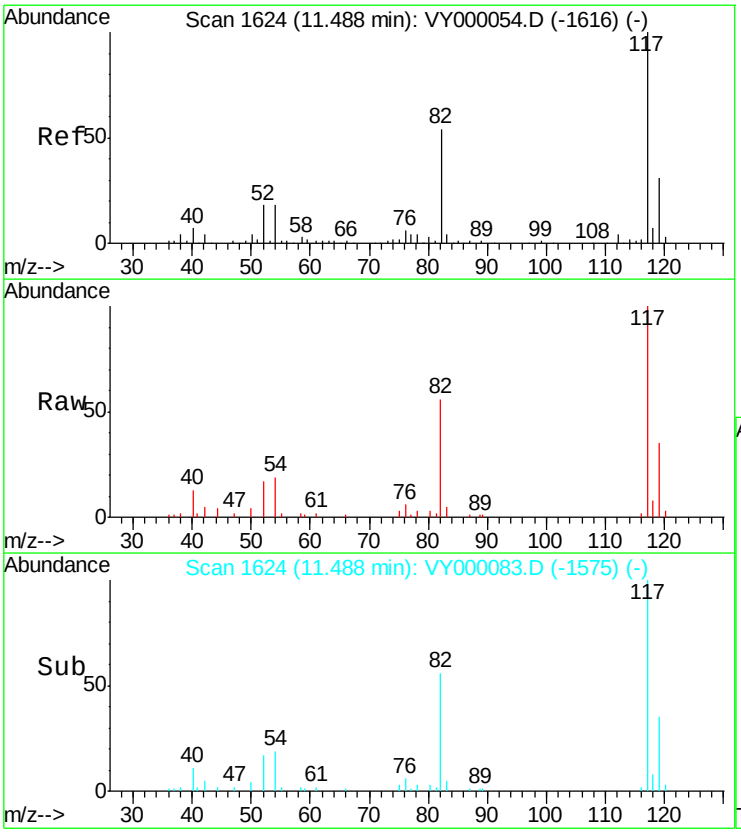
#62
4-Bromofluorobenzene
Concen: 25.891 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 95 Resp: 4176

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	137.2
176	63.9	0.0	135.0

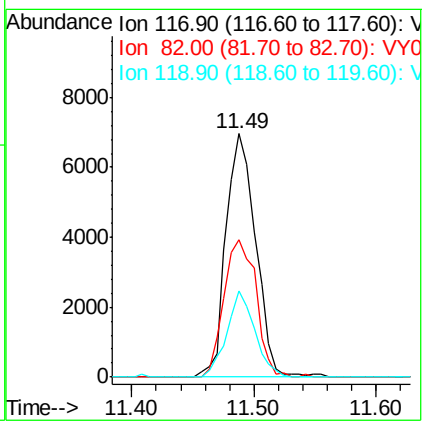


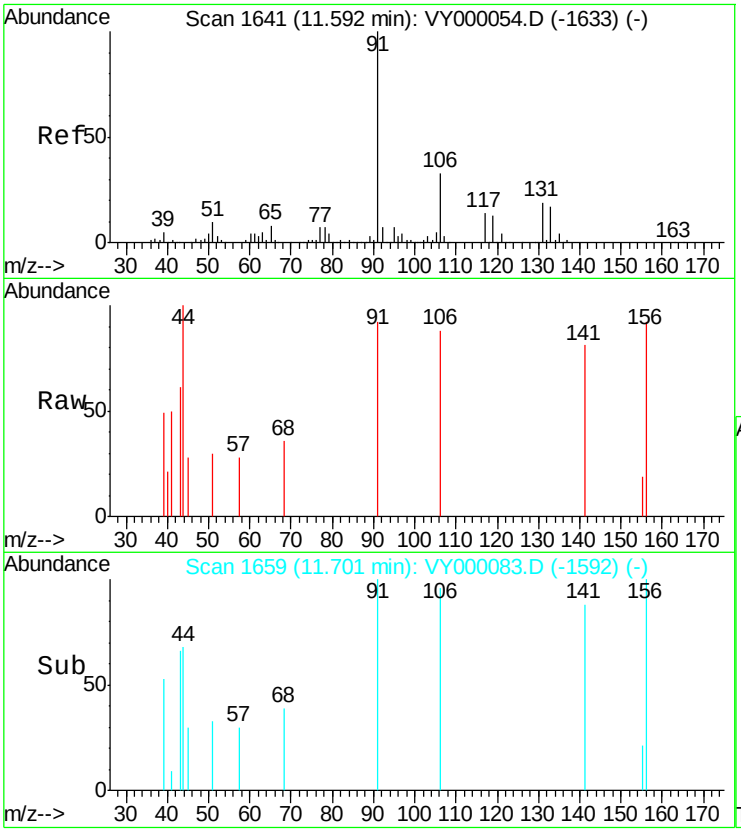


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion:117 Resp: 11675

Ion	Ratio	Lower	Upper
117	100		
82	56.2	43.5	65.3
119	35.2	24.6	36.8



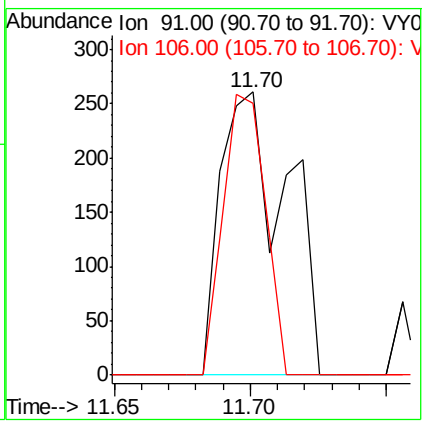


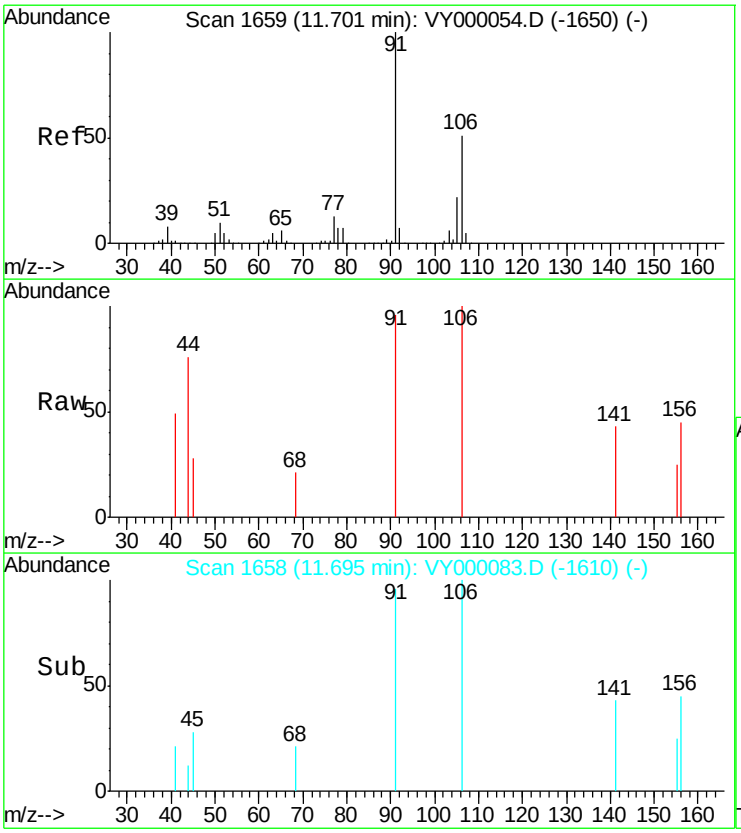
#67
Ethyl Benzene
Concen: 1.058 ug/l
RT: 11.70 min Scan# 1659
Delta R.T. 0.11 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 91 Resp: 436

Ion	Ratio	Lower	Upper
91	100		
106	96.2	26.6	40.0#

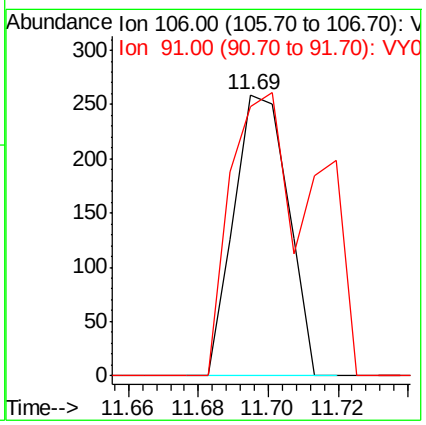


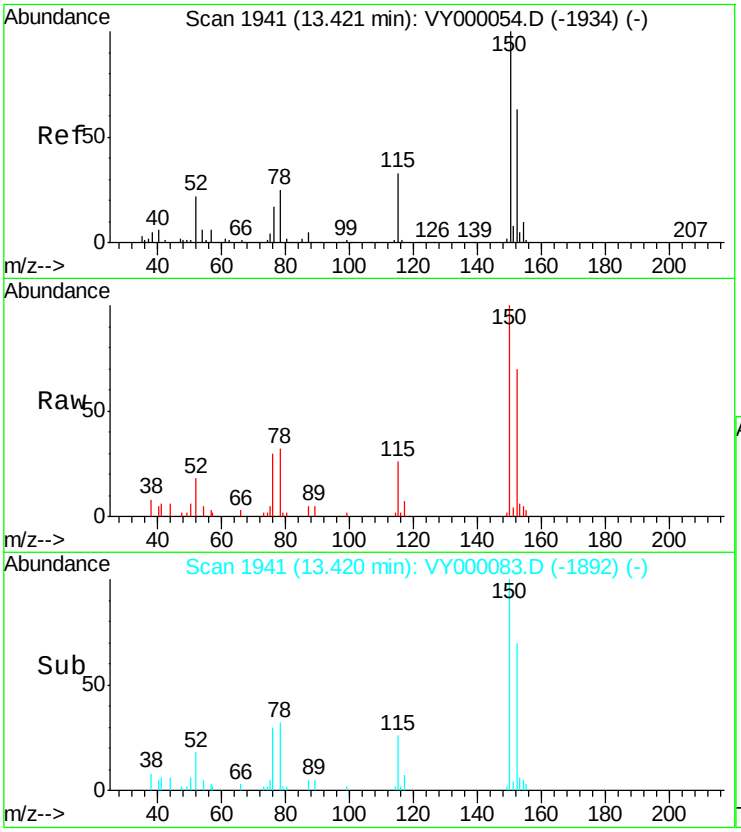


#68
m/p-Xylenes
Concen: 1.773 ug/l
RT: 11.69 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion:106 Resp: 278

Ion	Ratio	Lower	Upper
106	100		
91	156.8	154.5	231.7



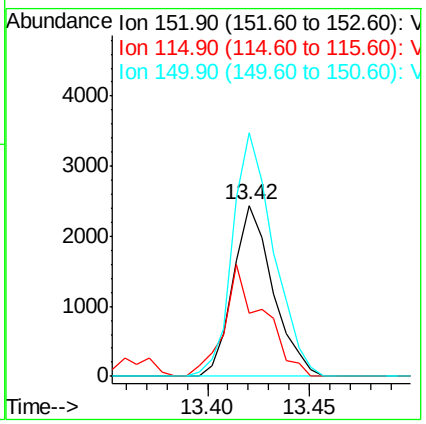


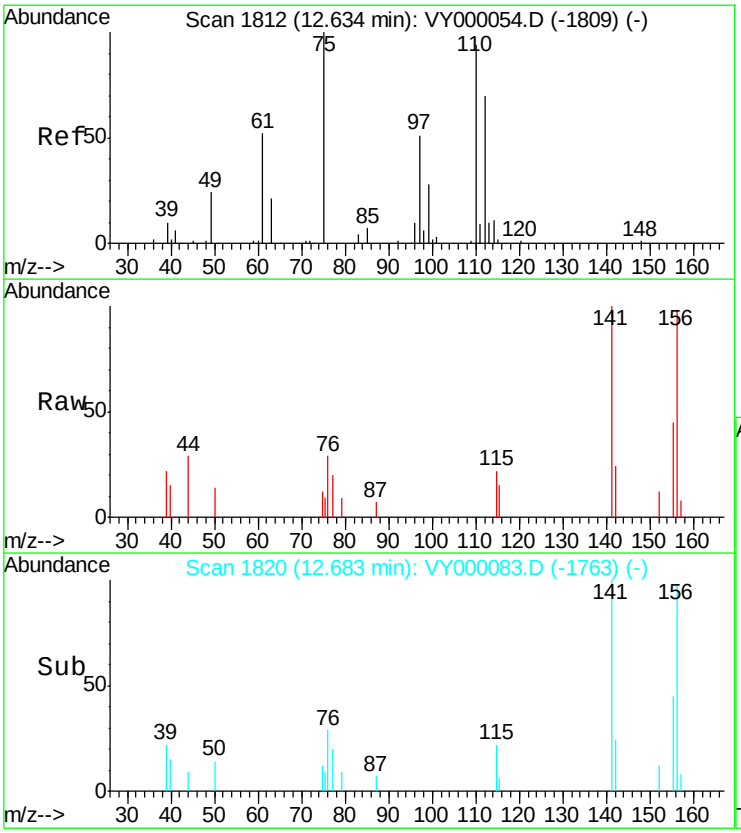
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion:152 Resp: 3313

Ion	Ratio	Lower	Upper
152	100		
115	63.8	30.7	92.1
150	145.6	0.0	351.6

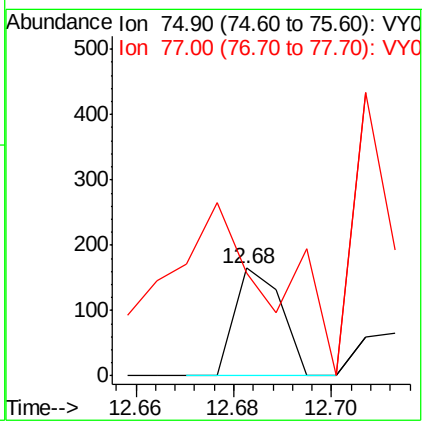


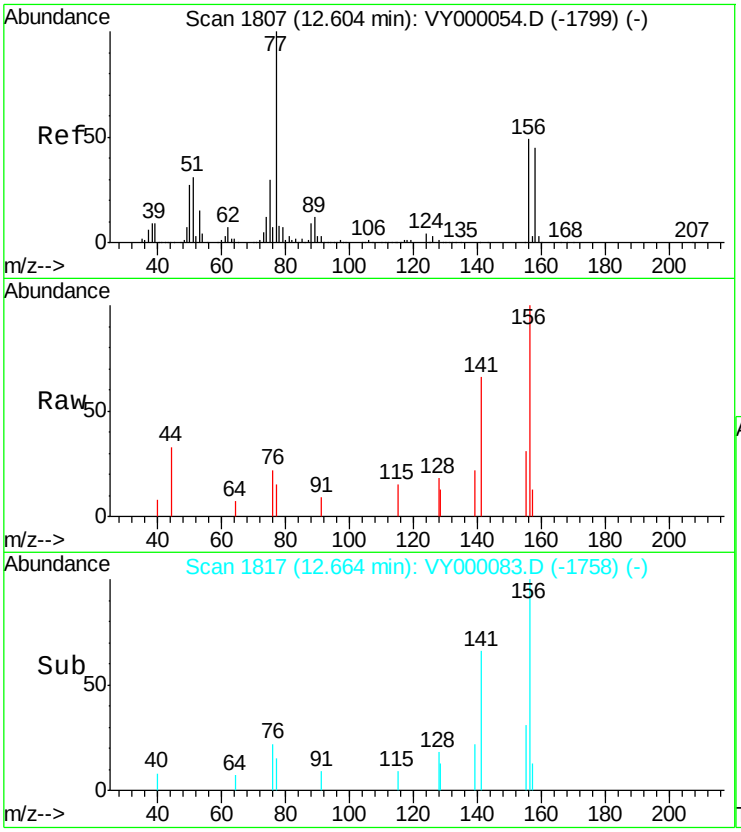


#76
1,2,3-Trichloropropane
Concen: 2.338 ug/l
RT: 12.68 min Scan# 1820
Delta R.T. 0.05 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 75 Resp: 109

Ion	Ratio	Lower	Upper
75	100		
77	232.1	0.0	0.0#



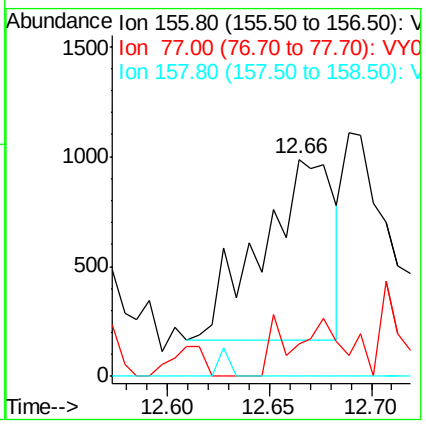


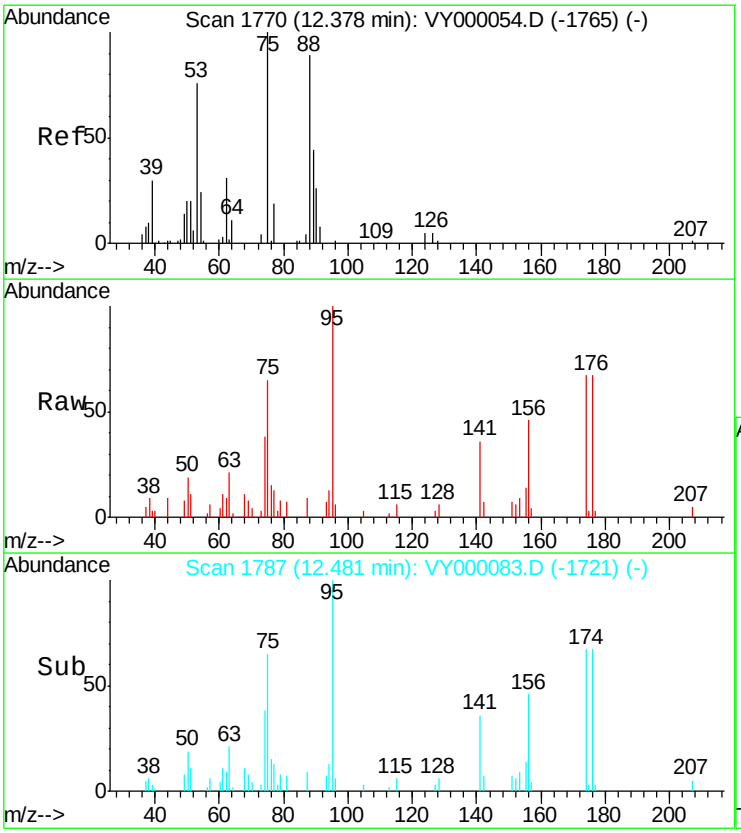
#77
Bromobenzene
Concen: 36.178 ug/l
RT: 12.66 min Scan# 1817
Delta R.T. 0.06 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion:156 Resp: 2017

Ion	Ratio	Lower	Upper
156	100		
77	12.5	109.7	329.0#
158	0.0	48.0	144.2#

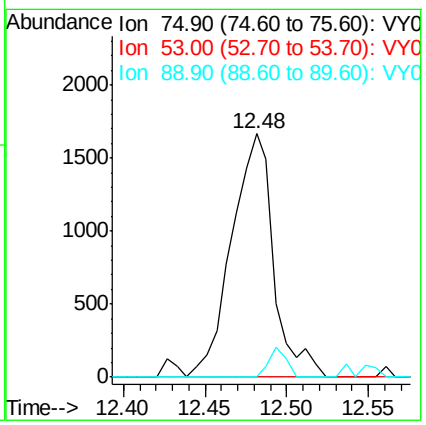


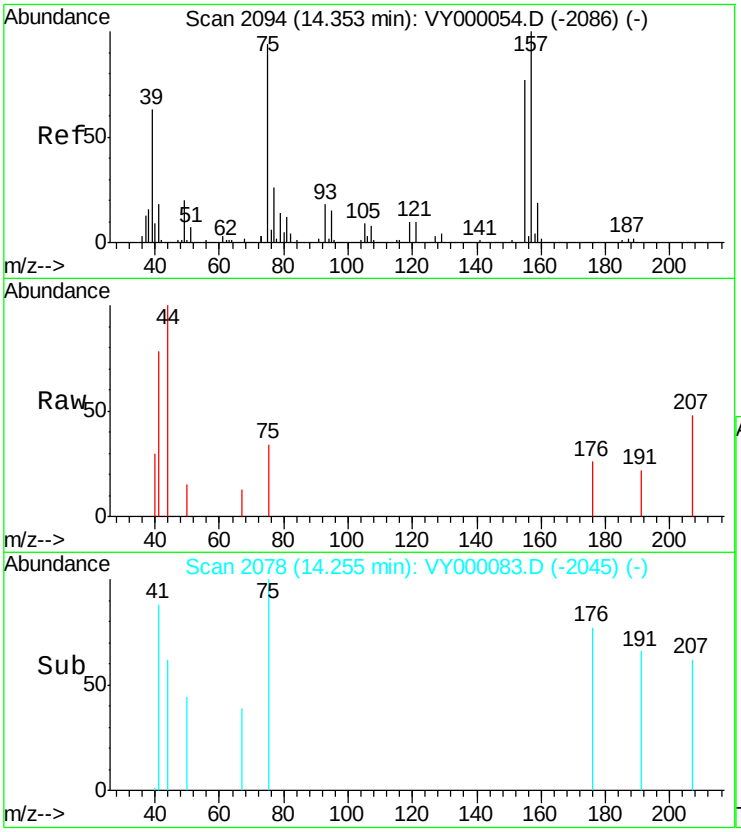


#81
trans-1,4-Dichloro-2-butene
Concen: 123.737 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.10 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion: 75 Resp: 2999

Ion	Ratio	Lower	Upper
75	100		
53	0.0	60.9	91.3#
89	4.9	35.3	52.9#



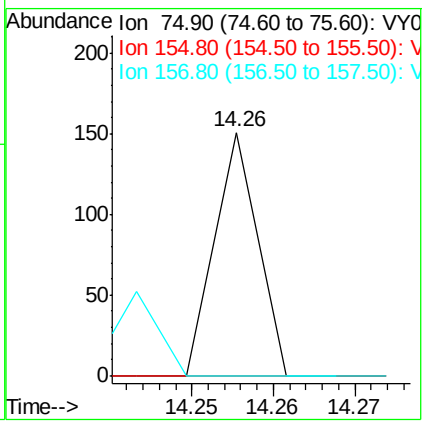


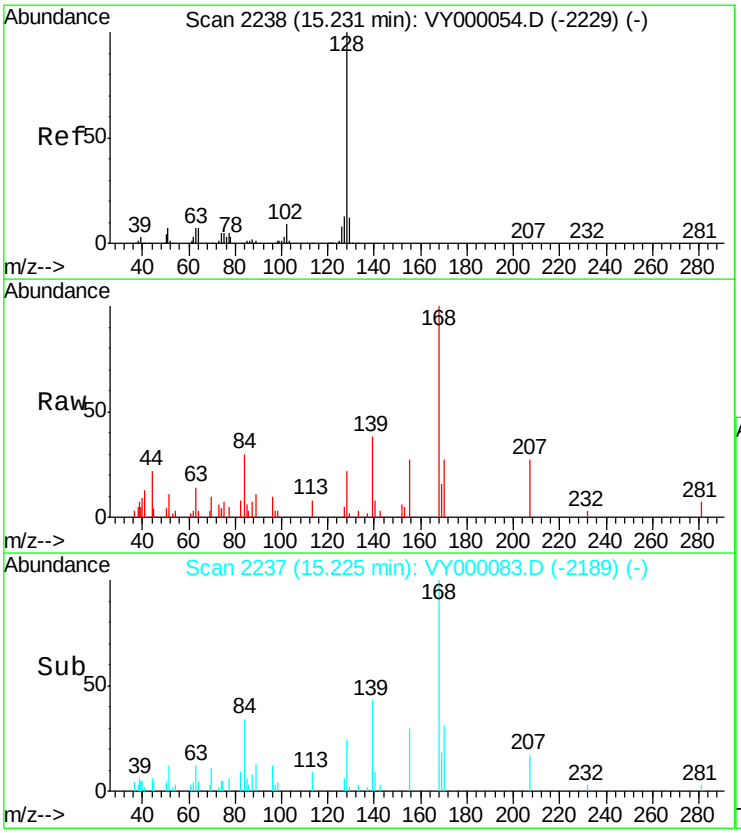
#92
1,2-Dibromo-3-Chloropropane
Concen: 4.915 ug/l
RT: 14.26 min Scan# 2078
Delta R.T. -0.10 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-9-2

Tgt Ion: 75 Resp: 55

Ion	Ratio	Lower	Upper
75	100		
155	0.0	40.6	121.7#
157	34.5	52.9	158.8#





#95
Naphthalene
Concen: 6.118 ug/l
RT: 15.22 min Scan# 2237
Delta R.T. -0.01 min
Lab File: VY000083.D
Acq: 19 Sep 2019 17:29

Tgt Ion:128 Resp: 1089

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	16.5	9.2	13.8#