Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
Data File : VY000079.D
Acq On : 19 Sep 2019 15:56
Operator : SY/MD
Sample : K4878-08
Misc : 6.81g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : CSA-2-7-4

Quant Time: Sep 20 01:56:03 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	110480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	222619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	180084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	62265	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	63663	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.18%			
35) Dibromofluoromethane	7.72	113	60444	44.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 89.68%			
50) Toluene-d8	10.18	98	260314	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.34%			
62) 4-Bromofluorobenzene	12.48	95	78150	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 79.52%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	49	Below Cal	#	42
3) Chloromethane	2.11	50	1149	Below Cal		97
5) Bromomethane	2.67	94	44	Below Cal	#	6
11) Tert butyl alcohol	4.98	59	184	1.221	ug/l #	73
16) Acetone	3.96	43	11119	37.571	ug/l	93
17) Carbon Disulfide	4.19	76	16812	5.585	ug/l #	94
20) Methylene Chloride	4.72	84	3878	2.785	ug/l #	88
25) 2-Butanone	7.00	43	1710	3.190	ug/l #	81
31) Cyclohexane	7.79	56	2741	Below Cal	#	8
36) 1,1-Dichloropropene	7.79	75	9784	5.878	ug/l #	47
38) Carbon Tetrachloride	7.79	117	11062	7.041	ug/l #	20
41) Methacrylonitrile	7.34	41	19	4.328	ug/l #	1
49) 1,4-Dioxane	9.28	88	22	1.457	ug/l #	26
76) 1,2,3-Trichloropropane	12.48	75	39944	45.595	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	39944	87.690	ug/l #	19
95) Naphthalene	15.23	128	44086	13.179	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\
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Operator : SY/MD
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Misc : 6.81g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CSA-2-7-4

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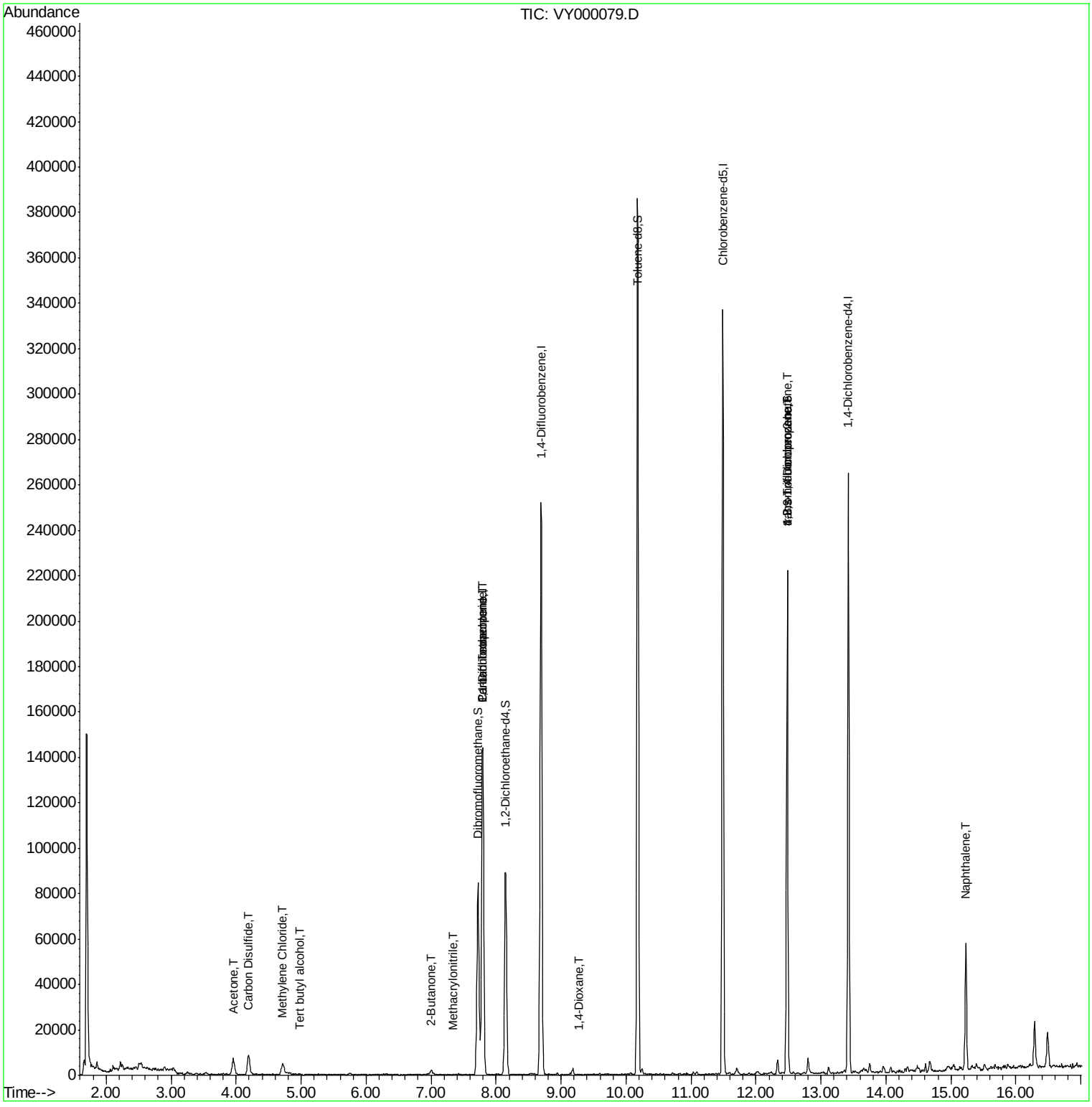
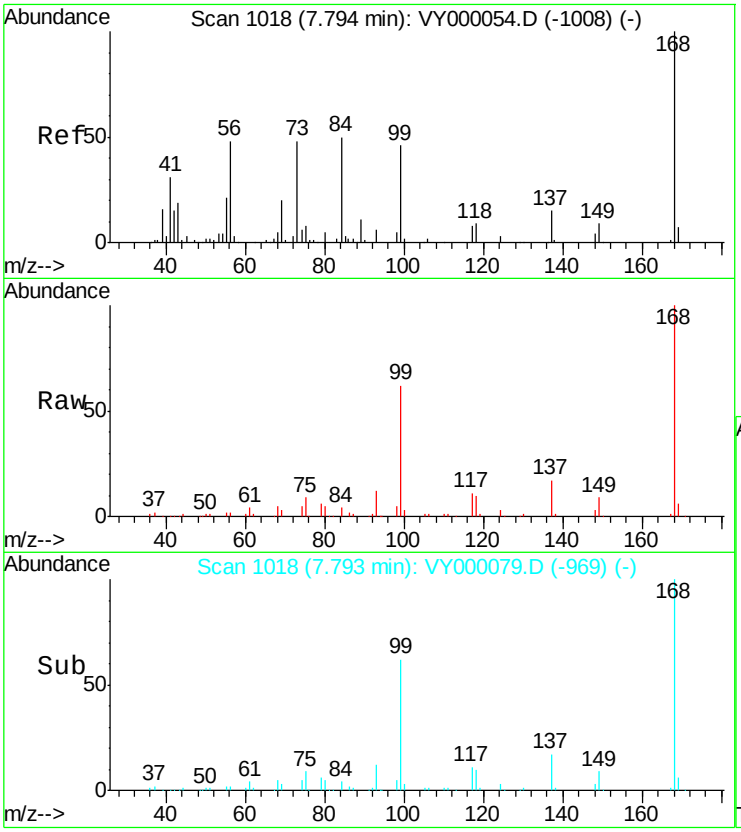
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 19 05:38:39 2019
Response via : Initial Calibration



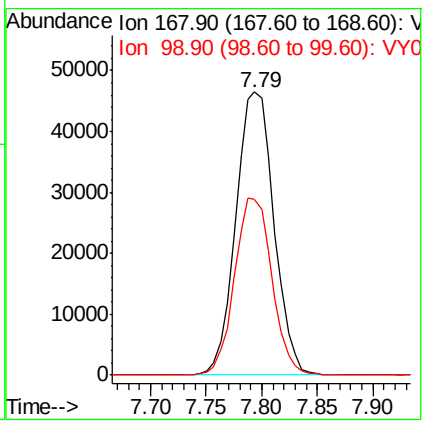


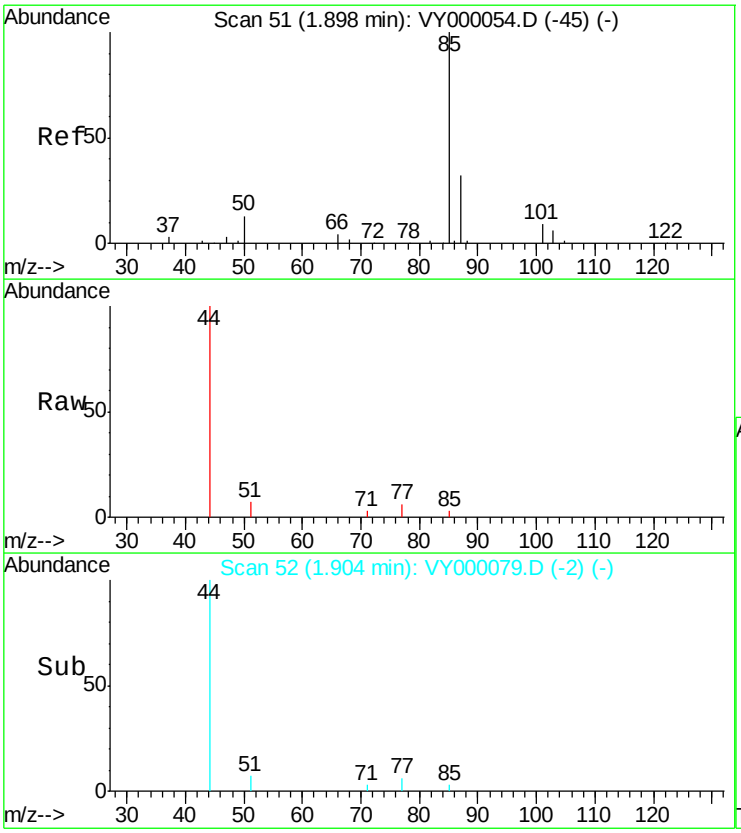
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion:168 Resp: 110480

Ion	Ratio	Lower	Upper
168	100		
99	62.1	44.2	66.2

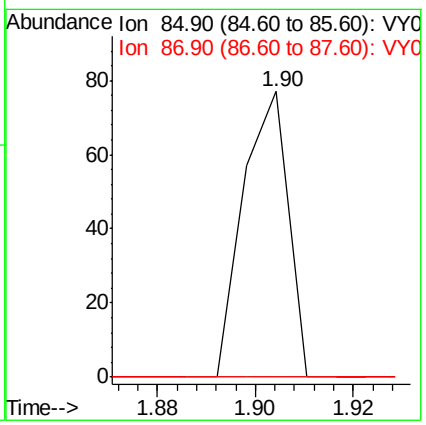


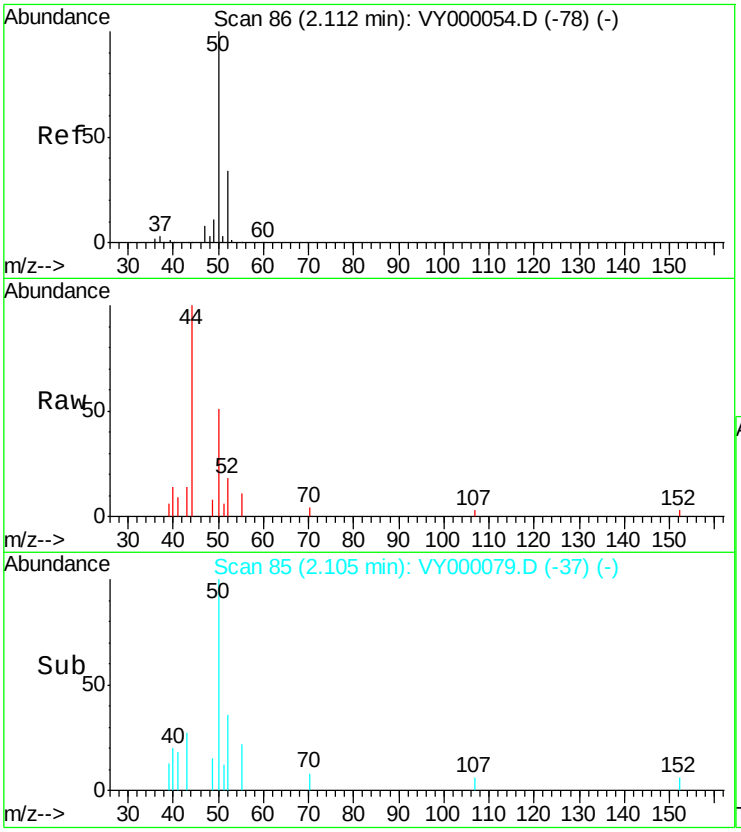


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.90 min Scan# 52
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 85 Resp: 49

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.2	48.5#



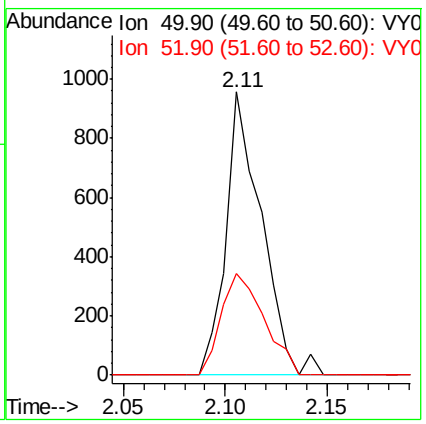


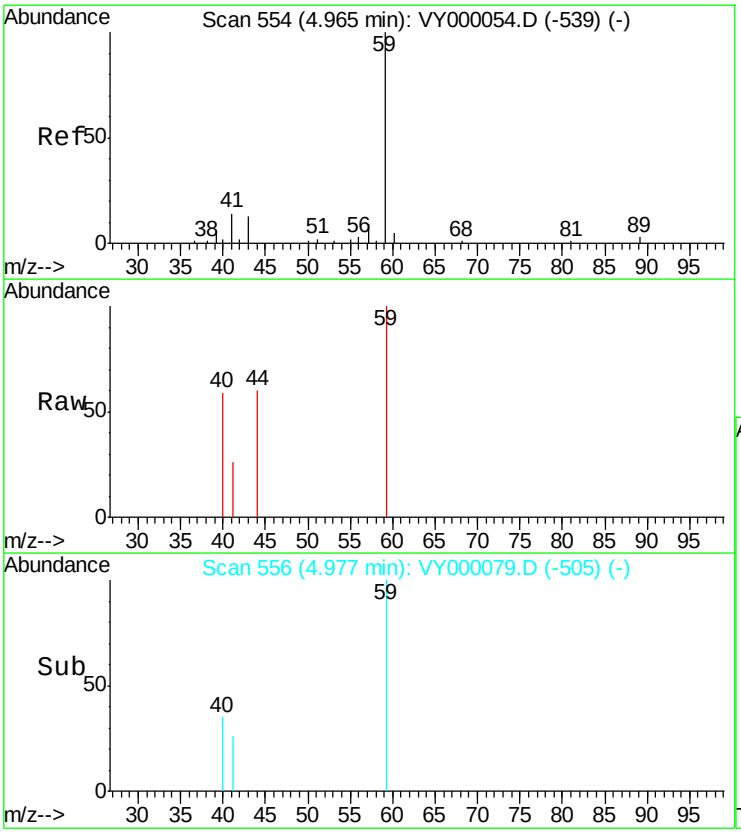
#3
Chloromethane
Concen: Below Cal
RT: 2.11 min Scan# 85
Delta R.T. -0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument : MSVOA_Y
ClientSampleId : CSA-2-7-4

Tgt Ion: 50 Resp: 1149

Ion	Ratio	Lower	Upper
50	100		
52	35.9	27.3	40.9

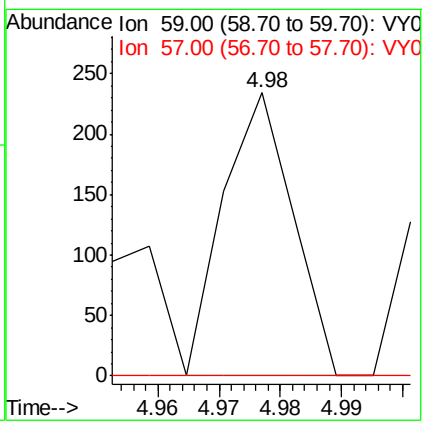


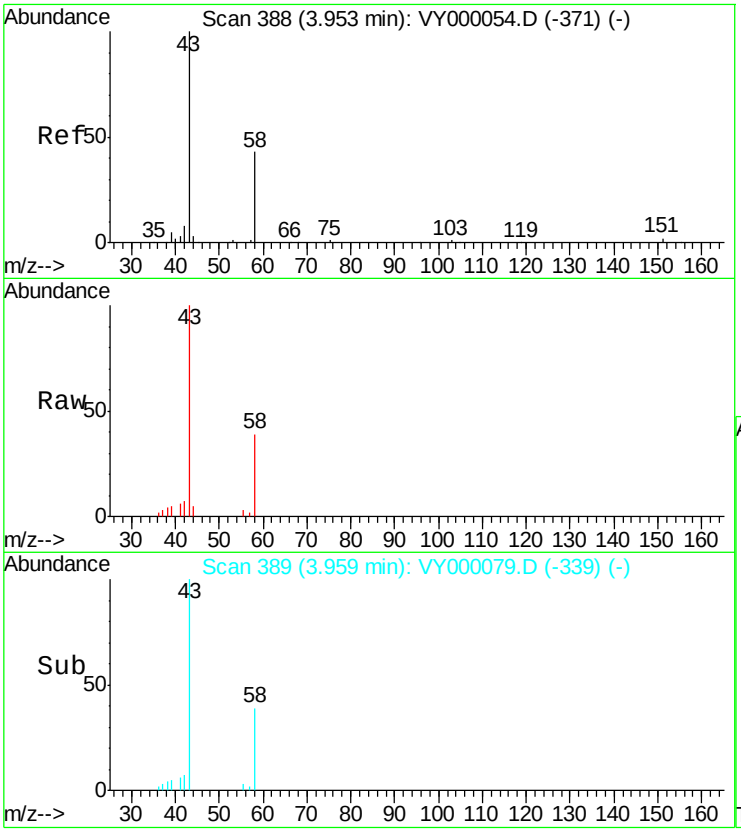


#11
Tert butyl alcohol
Concen: 1.221 ug/l
RT: 4.98 min Scan# 556
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 59 Resp: 184

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.0	12.0#



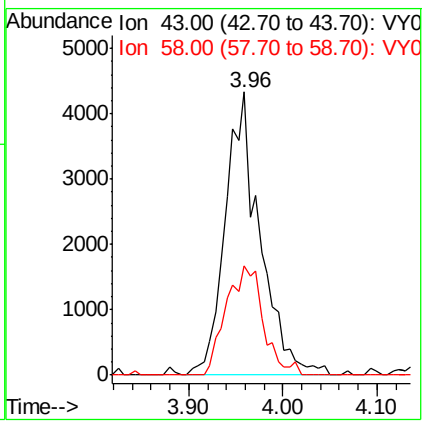


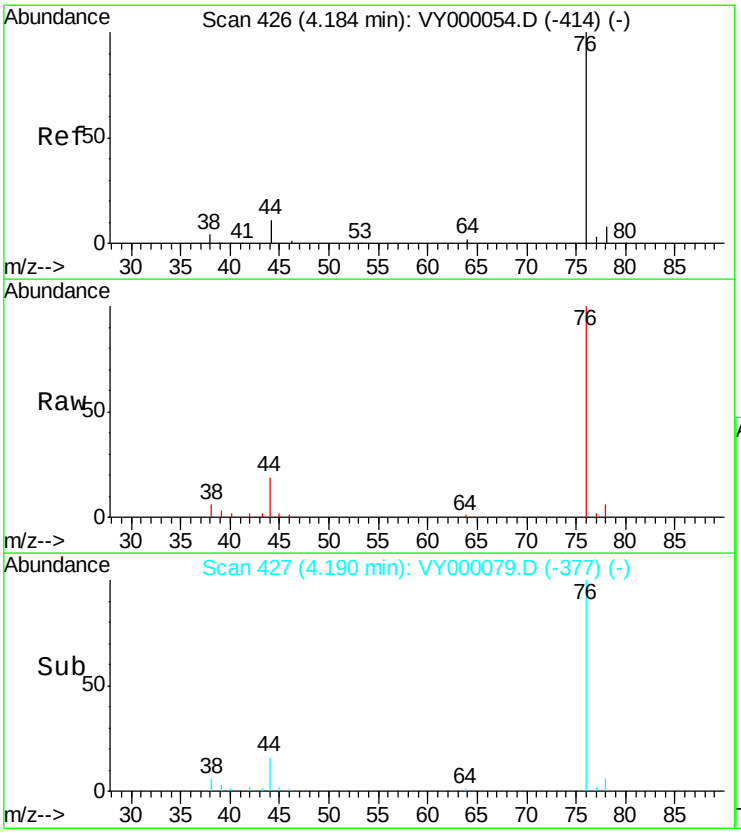
#16
Acetone
Concen: 37.571 ug/l
RT: 3.96 min Scan# 389
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion: 43 Resp: 11119

Ion	Ratio	Lower	Upper
43	100		
58	38.6	34.5	51.7

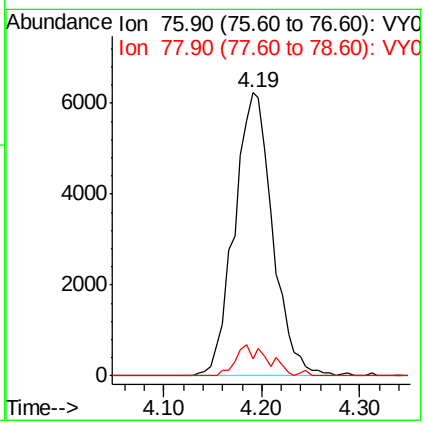


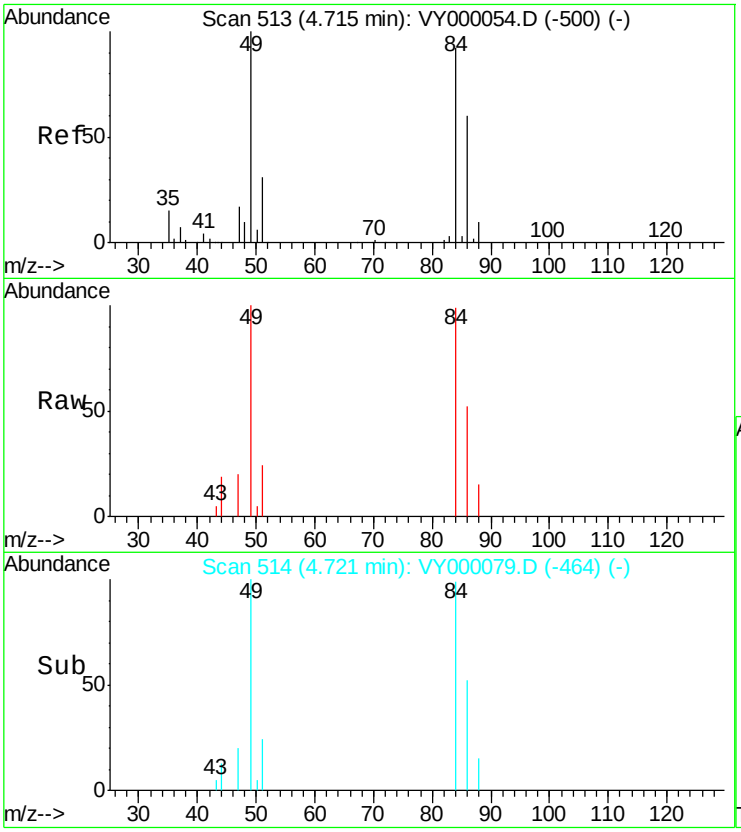


#17
Carbon Disulfide
Concen: 5.585 ug/l
RT: 4.19 min Scan# 427
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 76 Resp: 16812

Ion	Ratio	Lower	Upper
76	100		
78	6.2	6.6	9.8#



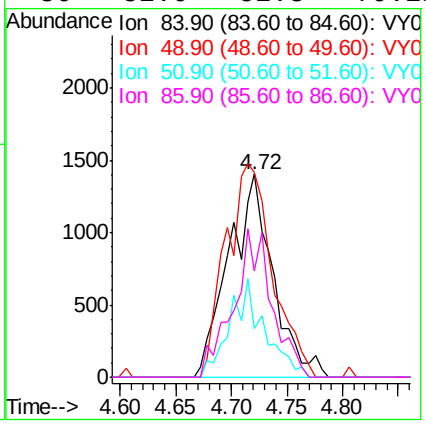


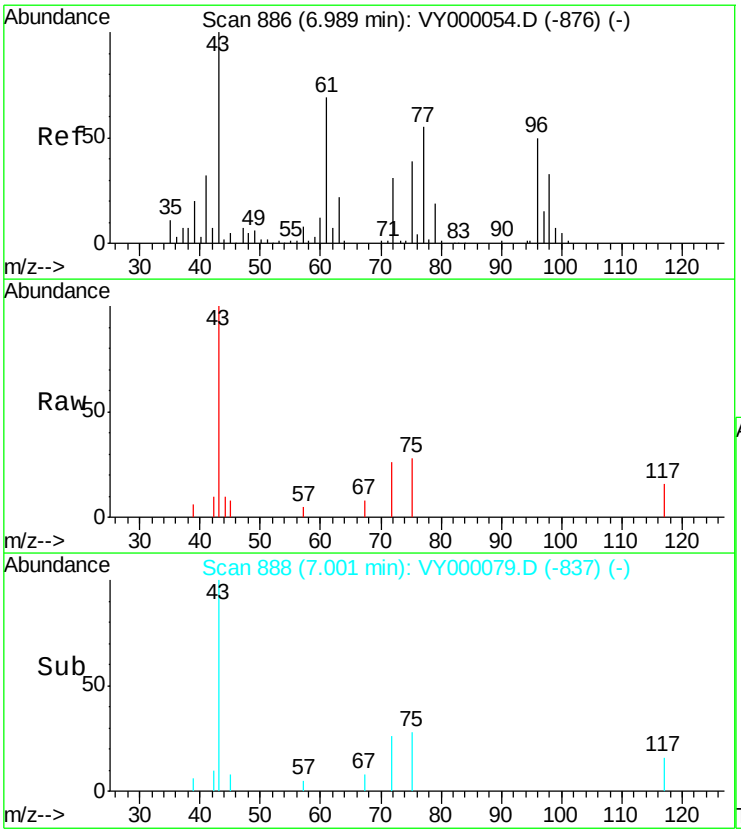
#20
Methylene Chloride
Concen: 2.785 ug/l
RT: 4.72 min Scan# 514
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument : MSVOA_Y
ClientSampleId : CSA-2-7-4

Tgt Ion: 84 Resp: 3878

Ion	Ratio	Lower	Upper
84	100		
49	101.0	87.4	131.0
51	24.3	27.2	40.8#
86	52.0	52.8	79.2#

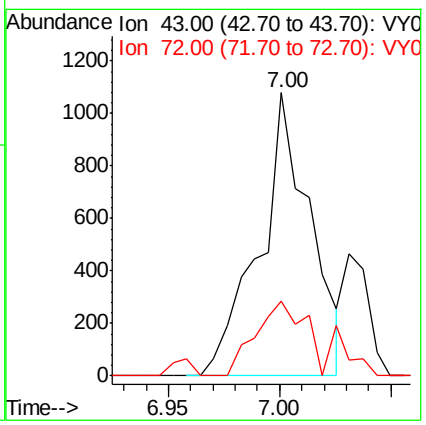


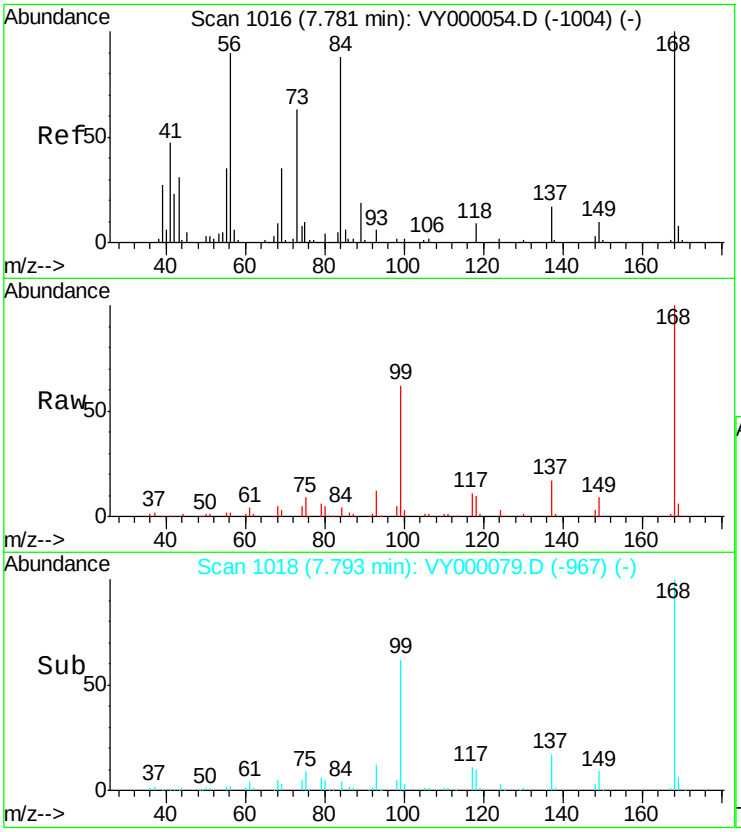


#25
2-Butanone
Concen: 3.190 ug/l
RT: 7.00 min Scan# 888
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 43 Resp: 1710

Ion	Ratio	Lower	Upper
43	100		
72	20.3	24.7	37.1#



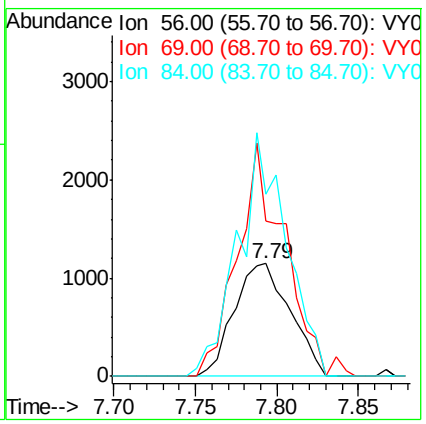


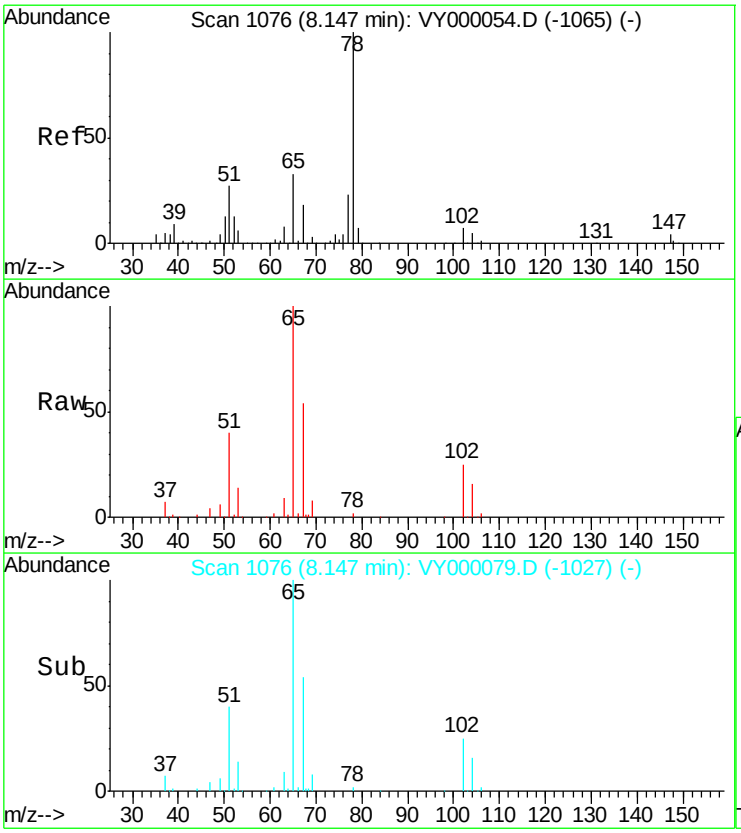
#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument : MSVOA_Y
ClientSampleId : CSA-2-7-4

Tgt Ion: 56 Resp: 2741

Ion	Ratio	Lower	Upper
56	100		
69	137.4	30.9	46.3#
84	162.1	78.5	117.7#

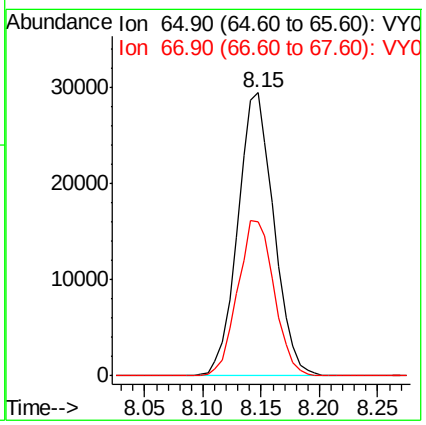


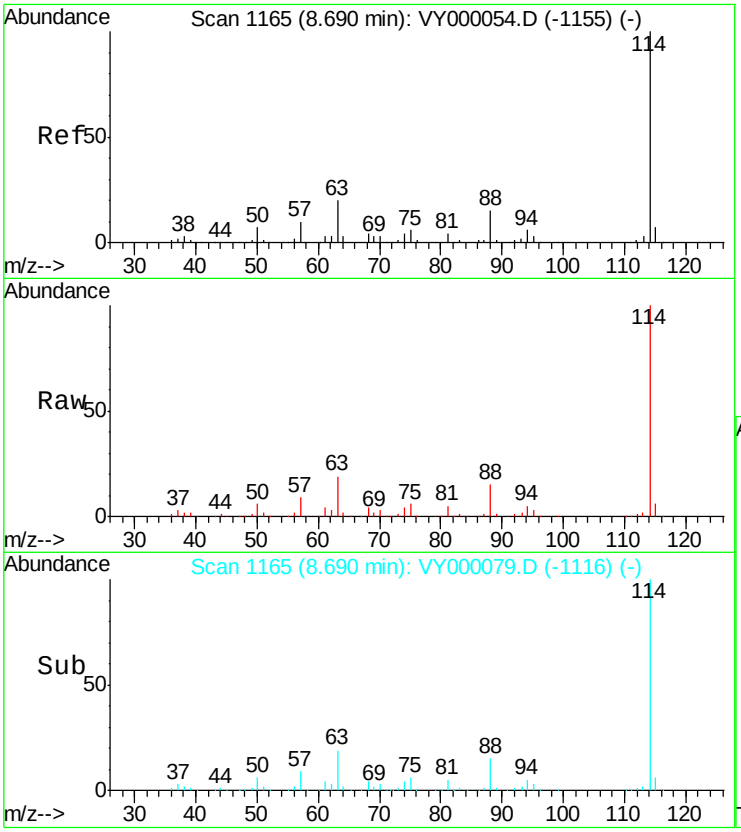


#33
1,2-Dichloroethane-d4
Concen: 50.086 ug/l
RT: 8.15 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 65 Resp: 63663

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.0



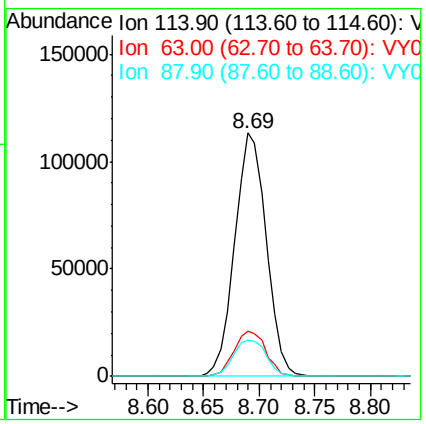


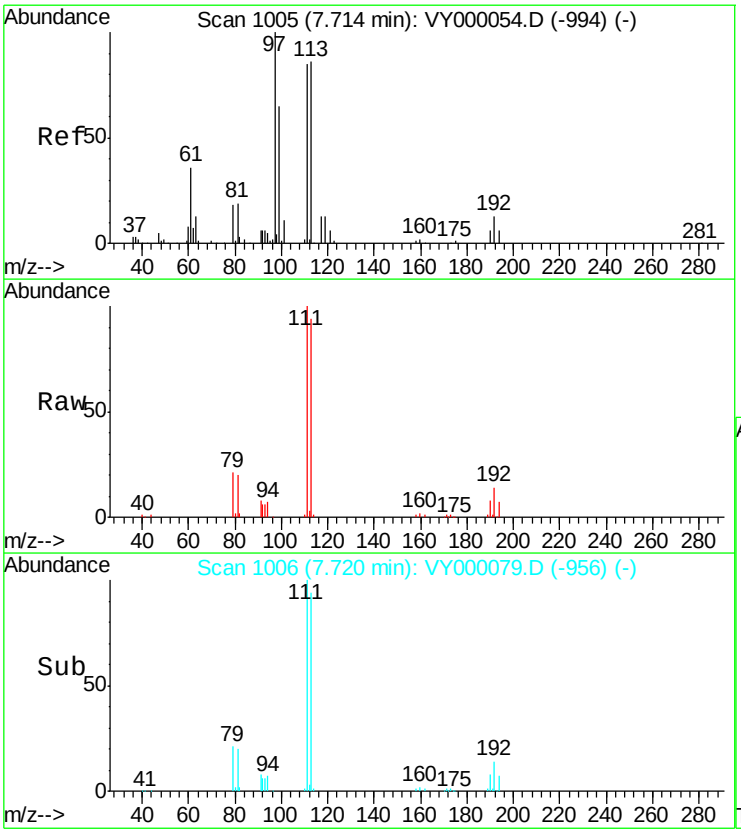
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion:114 Resp: 222619

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.4
88	14.8	0.0	30.2

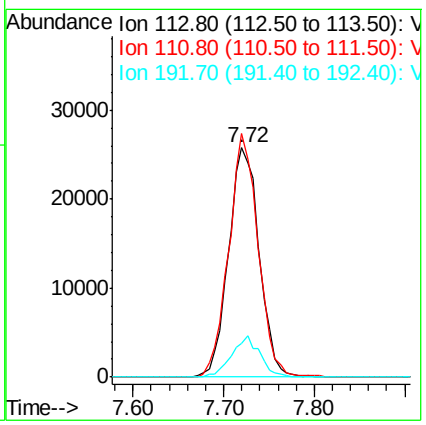


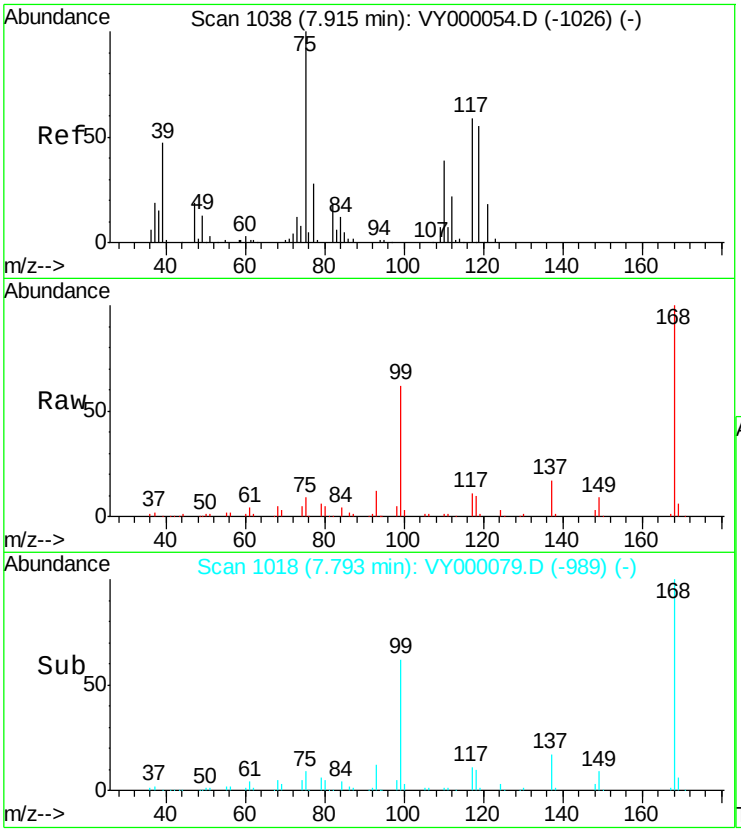


#35
Dibromofluoromethane
Concen: 44.843 ug/l
RT: 7.72 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion:113 Resp: 60444

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.7	122.5
192	16.5	13.4	20.2



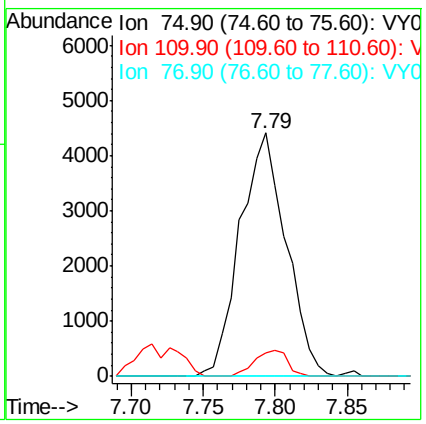


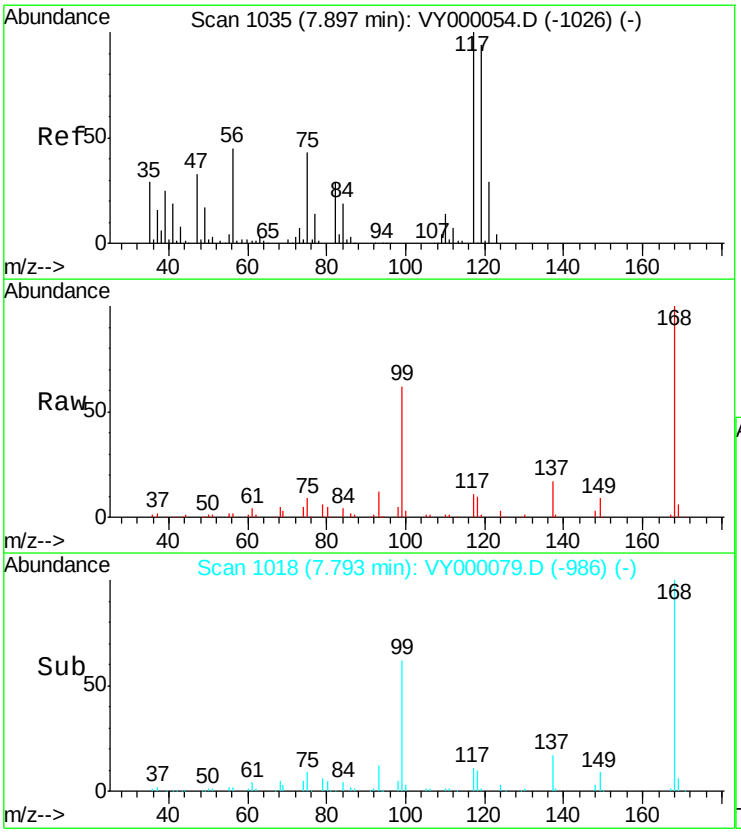
#36
1,1-Dichloropropene
Concen: 5.878 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.12 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion: 75 Resp: 9784

Ion	Ratio	Lower	Upper
75	100		
110	7.7	19.6	58.7#
77	0.0	24.3	36.5#

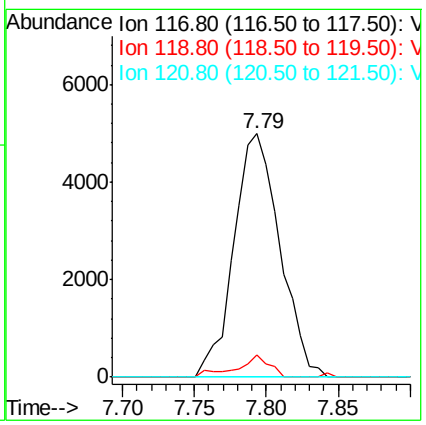


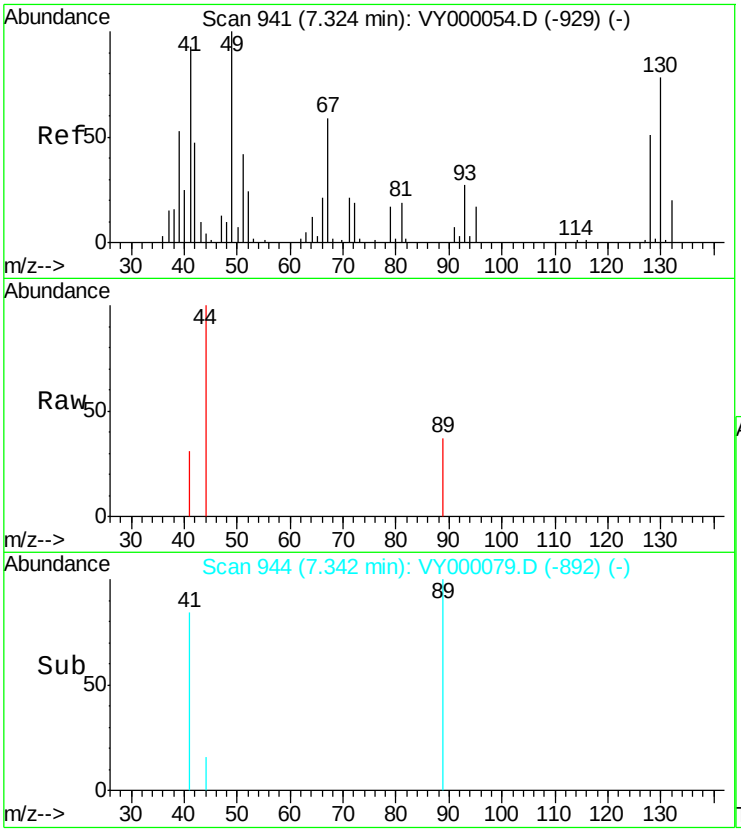


#38
Carbon Tetrachloride
Concen: 7.041 ug/l
RT: 7.79 min Scan# 1018
Delta R.T. -0.10 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion:117 Resp: 11062

Ion	Ratio	Lower	Upper
117	100		
119	9.0	75.0	112.6#
121	0.0	22.8	34.2#



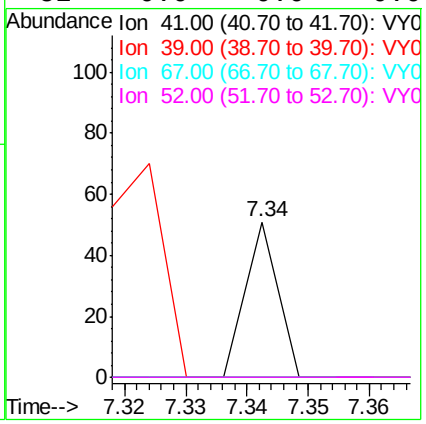


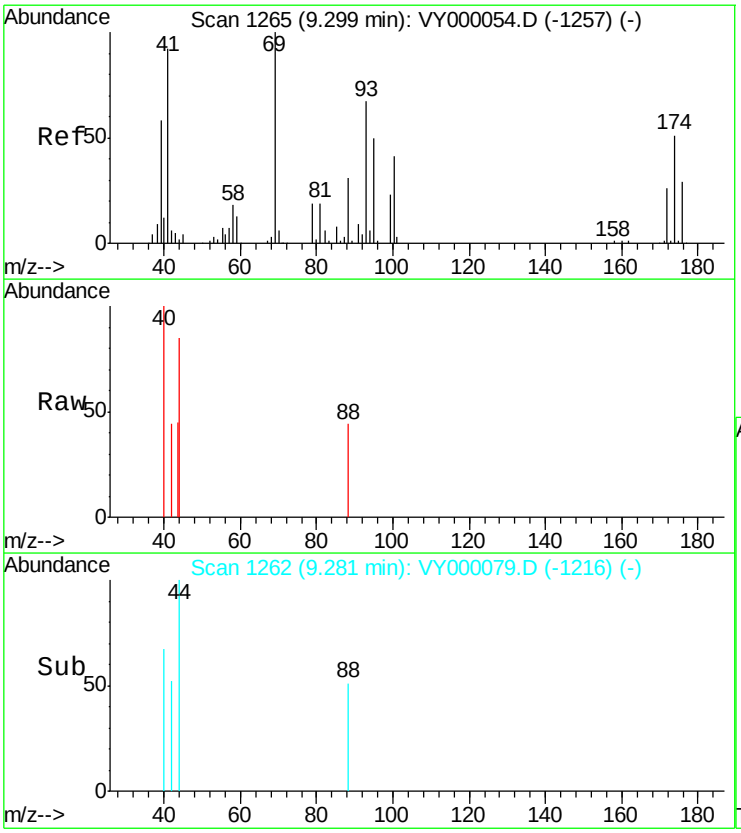
#41
Methacrylonitrile
Concen: 4.328 ug/l
RT: 7.34 min Scan# 944
Delta R.T. 0.02 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion: 41 Resp: 19

Ion	Ratio	Lower	Upper
41	100		
39	242.1	91.8	137.6#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

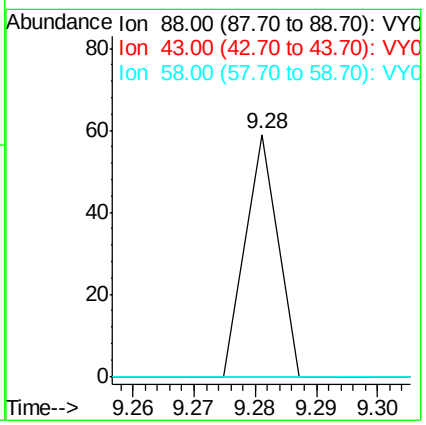


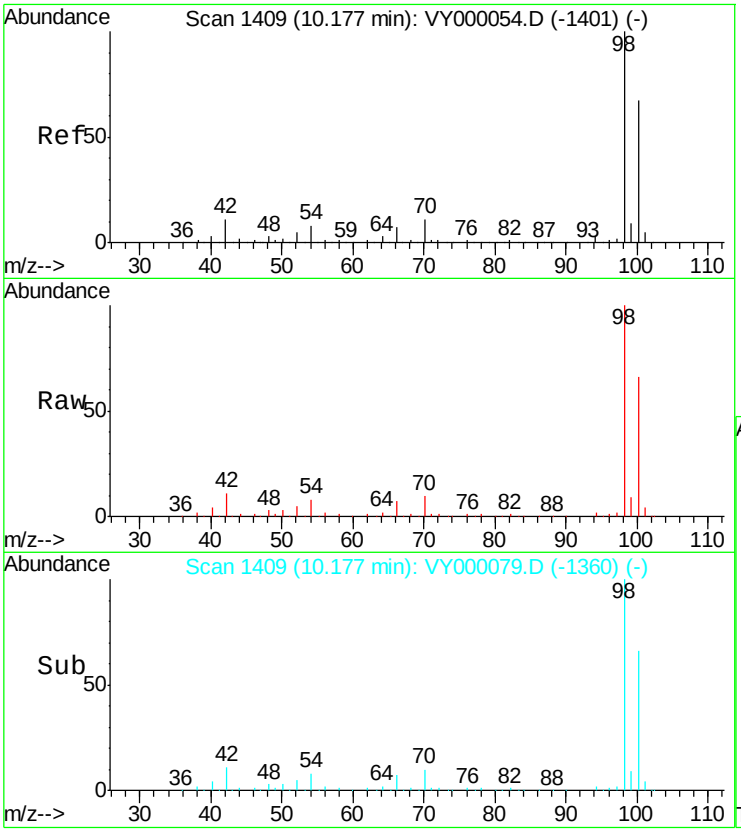


#49
1,4-Dioxane
Concen: 1.457 ug/l
RT: 9.28 min Scan# 1262
Delta R.T. -0.02 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 88 Resp: 22

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



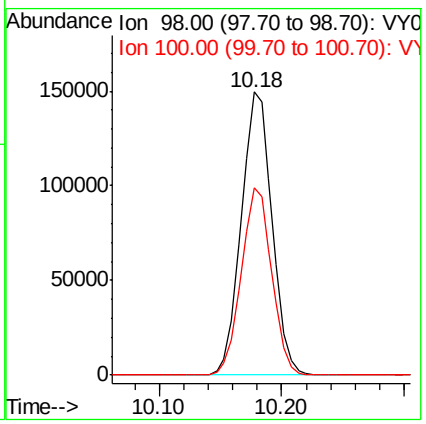


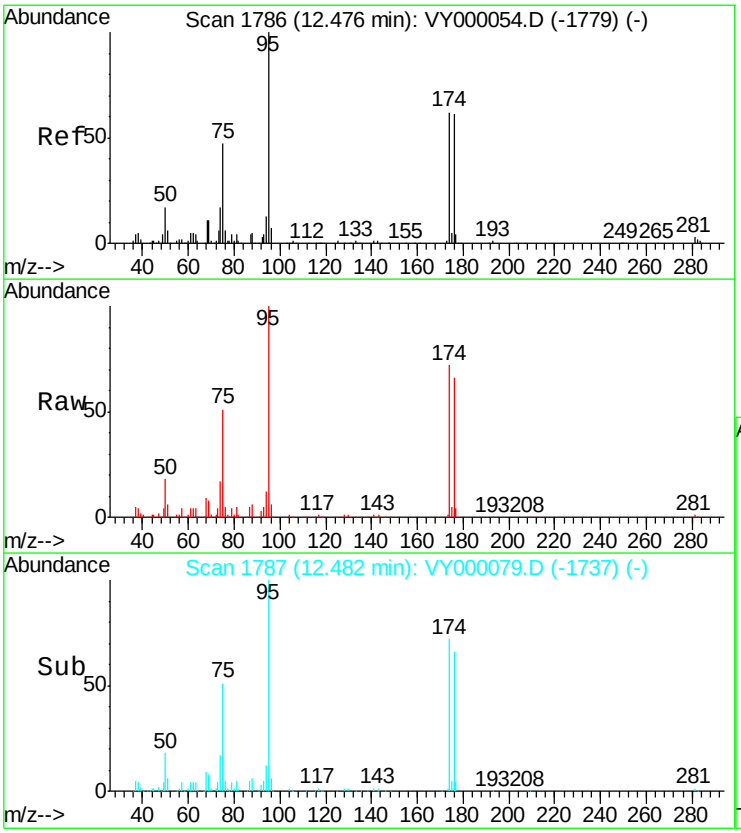
#50
Toluene-d8
Concen: 49.170 ug/l
RT: 10.18 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument : MSVOA_Y
ClientSampleId : CSA-2-7-4

Tgt Ion: 98 Resp: 260314

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.1	79.7

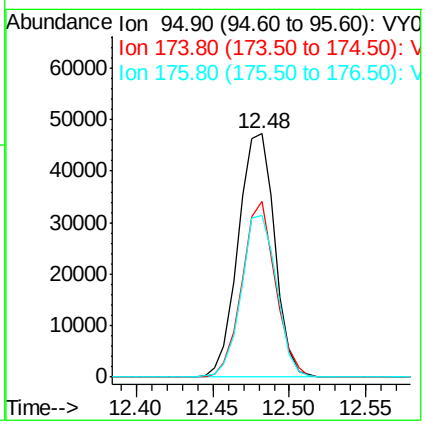


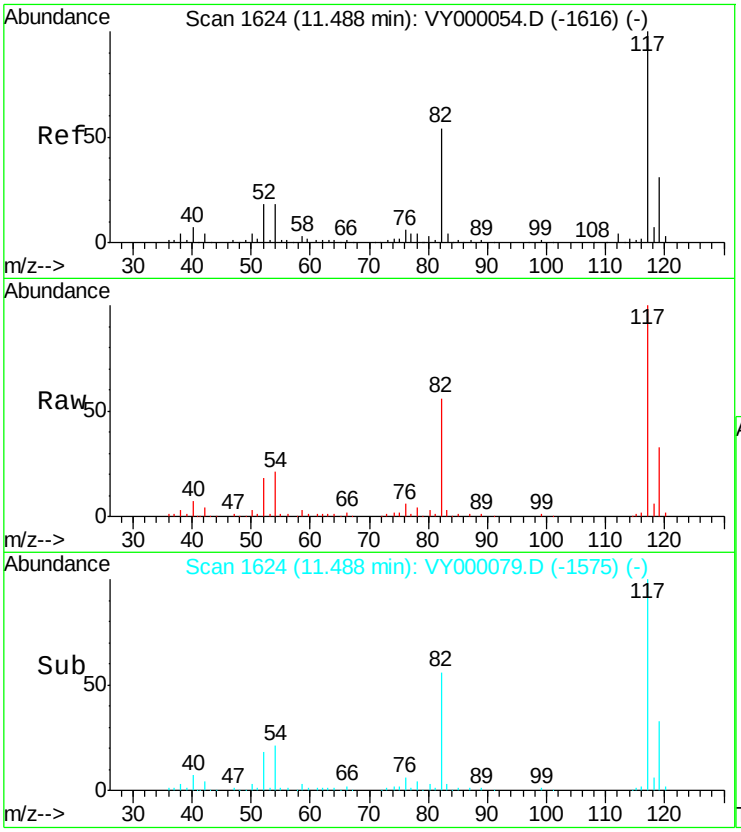


#62
4-Bromofluorobenzene
Concen: 39.759 ug/l
RT: 12.48 min Scan# 1787
Delta R.T. 0.01 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 95 Resp: 78150

Ion	Ratio	Lower	Upper
95	100		
174	66.2	0.0	137.2
176	64.3	0.0	135.0



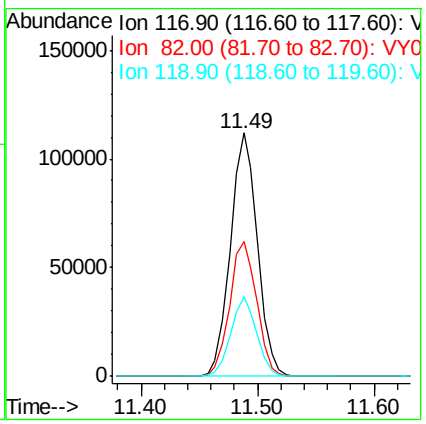


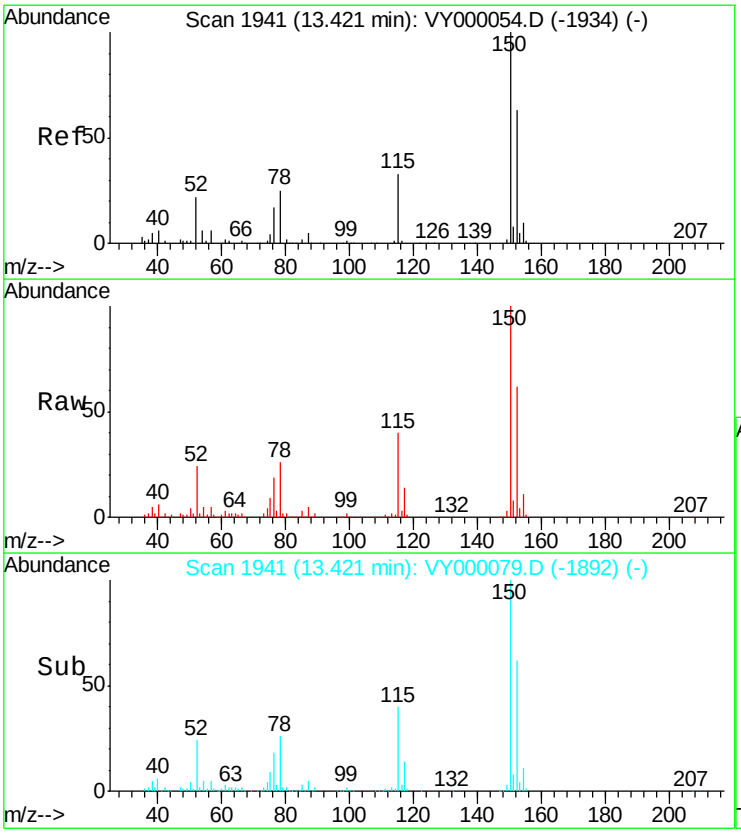
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion:117 Resp: 180084

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.5	65.3
119	32.7	24.6	36.8

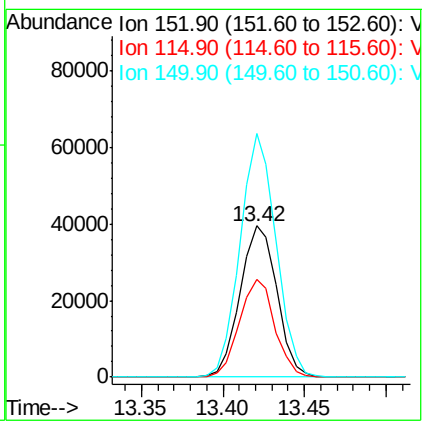


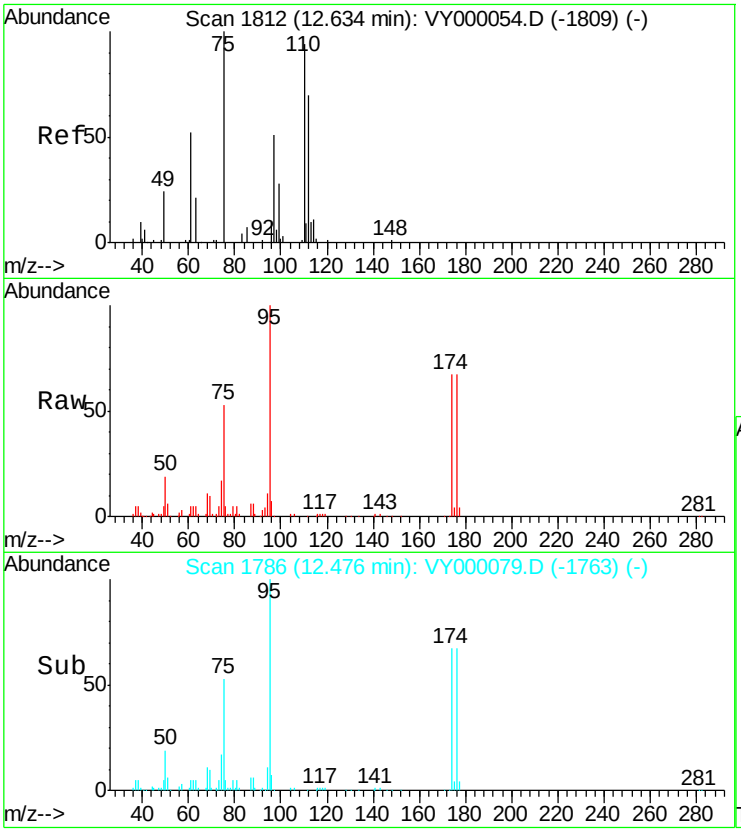


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion:152 Resp: 62265

Ion	Ratio	Lower	Upper
152	100		
115	62.0	30.7	92.1
150	157.0	0.0	351.6



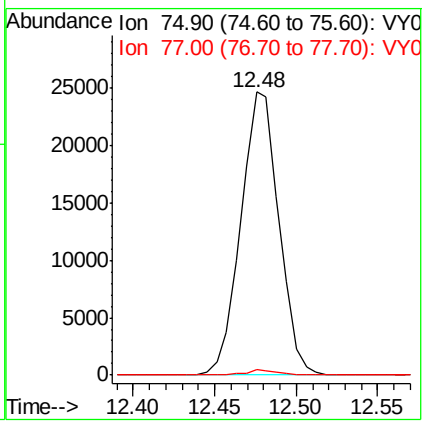


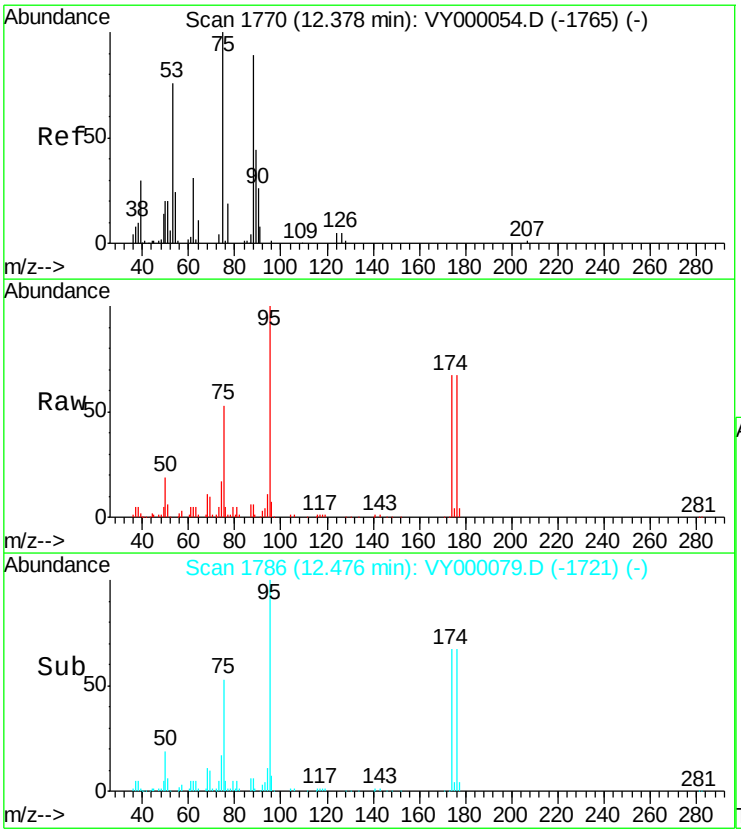
#76
1,2,3-Trichloropropane
Concen: 45.595 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. -0.16 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion: 75 Resp: 39944

Ion	Ratio	Lower	Upper
75	100		
77	1.7	0.0	0.0#

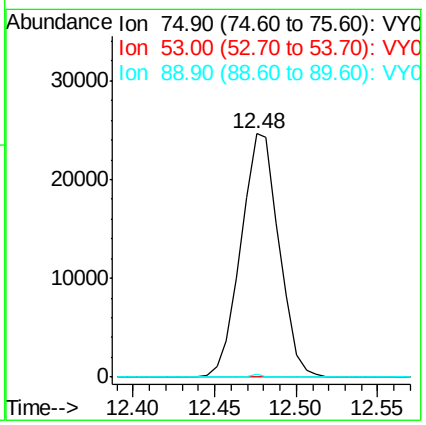


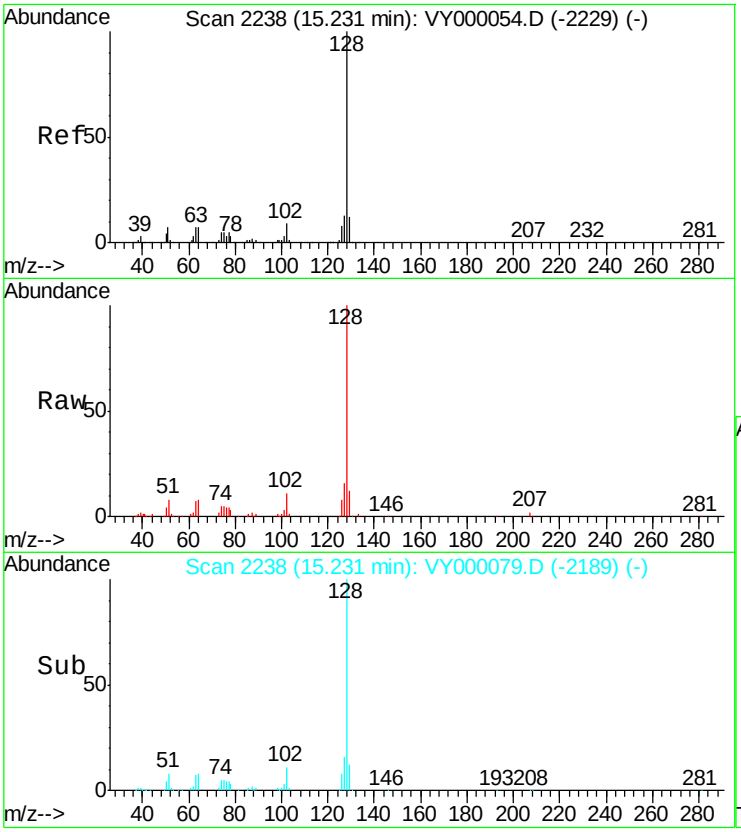


#81
trans-1,4-Dichloro-2-butene
Concen: 87.690 ug/l
RT: 12.48 min Scan# 1786
Delta R.T. 0.10 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Tgt Ion: 75 Resp: 39944

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





#95
Naphthalene
Concen: 13.179 ug/l
RT: 15.23 min Scan# 2238
Delta R.T. -0.00 min
Lab File: VY000079.D
Acq: 19 Sep 2019 15:56

Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-7-4

Tgt Ion:128 Resp: 44086

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.3	15.5
129	11.8	9.2	13.8