Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY121619\
Data File : VY000962.D
Acq On : 16 Dec 2019 18:02
Operator : SY/MD
Sample : K6318-03
Misc : 6.5G/5ML/MSVOA_Y/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : X089-SB-3

Quant Time: Dec 17 06:07:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 27 12:40:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	233645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	440713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	402837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	177164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	139640	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	112.50%		
35) Dibromofluoromethane	7.73	113	130088	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.30%		
50) Toluene-d8	10.18	98	519630	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.20%		
62) 4-Bromofluorobenzene	12.48	95	171735	44.53	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.06%		
Target Compounds						Qvalue
5) Bromomethane	2.65	94	49	Below Cal	#	3
16) Acetone	3.96	43	655	1.150	ug/l #	40
20) Methylene Chloride	4.72	84	24286	8.090	ug/l	97
28) Bromochloromethane	7.35	49	65	2.050	ug/l #	49
30) Chloroform	7.52	83	14663	2.937	ug/l	96
36) 1,1-Dichloropropene	7.80	75	18820	4.295	ug/l #	48
38) Carbon Tetrachloride	7.80	117	23624	6.054	ug/l #	15
76) 1,2,3-Trichloropropane	12.48	75	87983	43.833	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	87983	86.100	ug/l #	17

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

Quantitation Report (Not Reviewed)

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X089-SB-3

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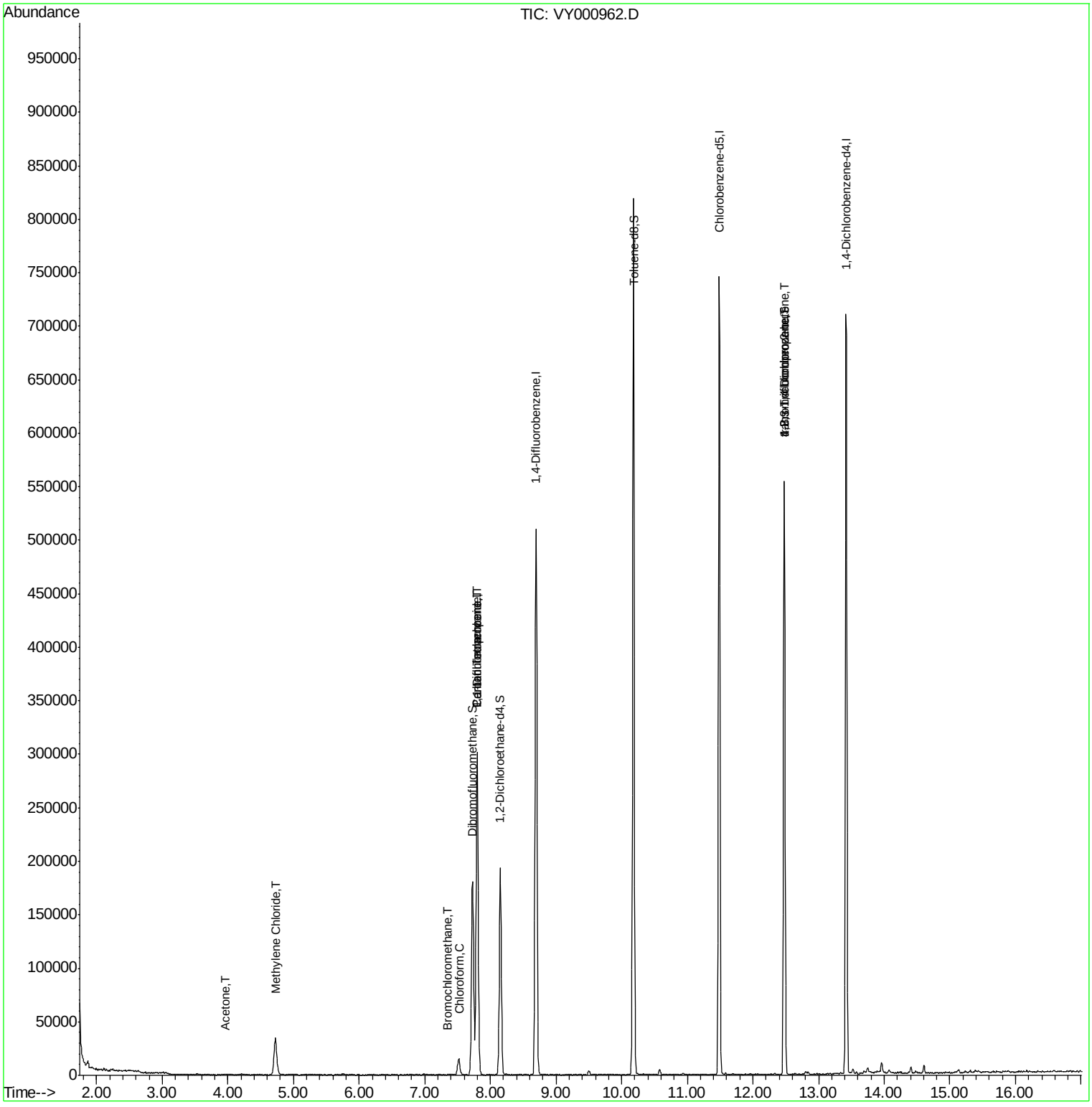
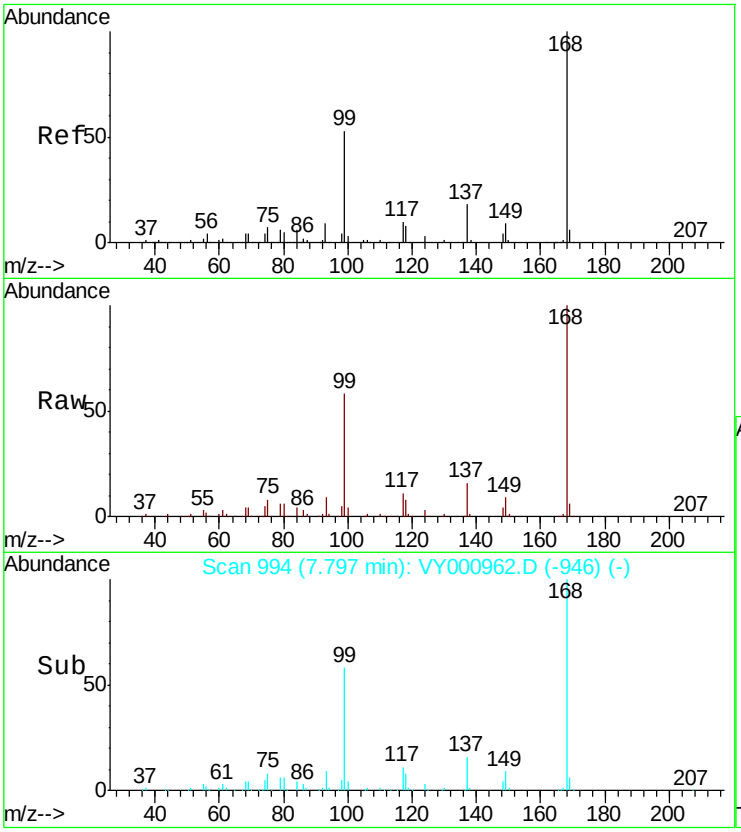


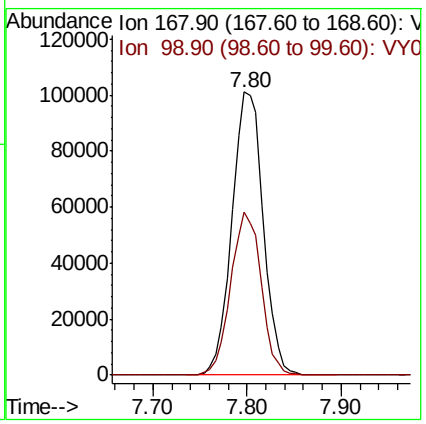


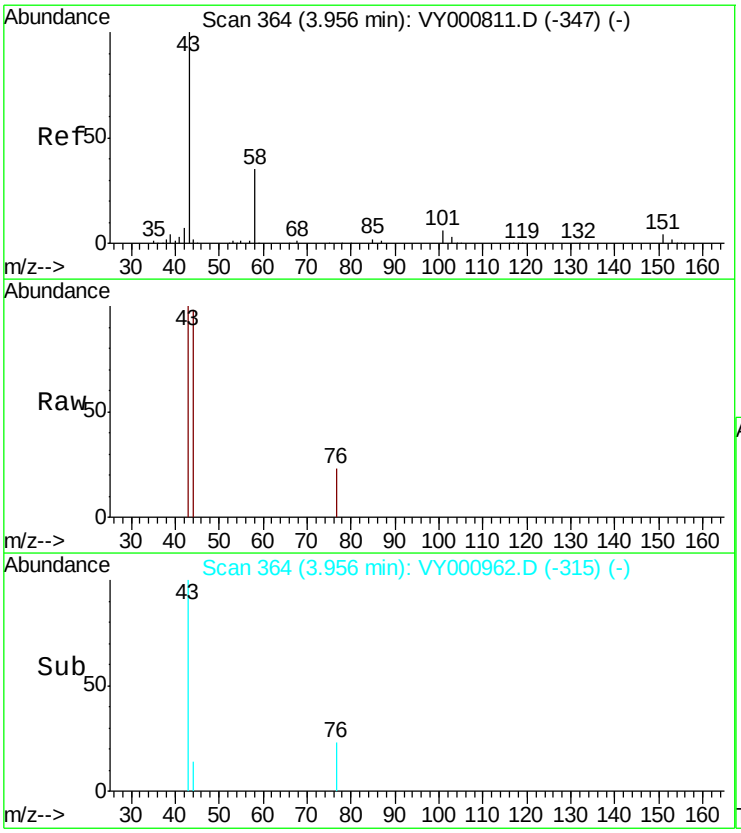
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.01 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument : MSVOA_Y
ClientSampleId : X089-SB-3

Tgt Ion:168 Resp: 233645

Ion	Ratio	Lower	Upper
168	100		
99	57.5	45.0	67.6

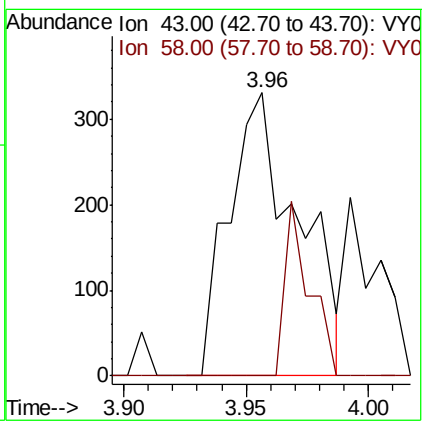


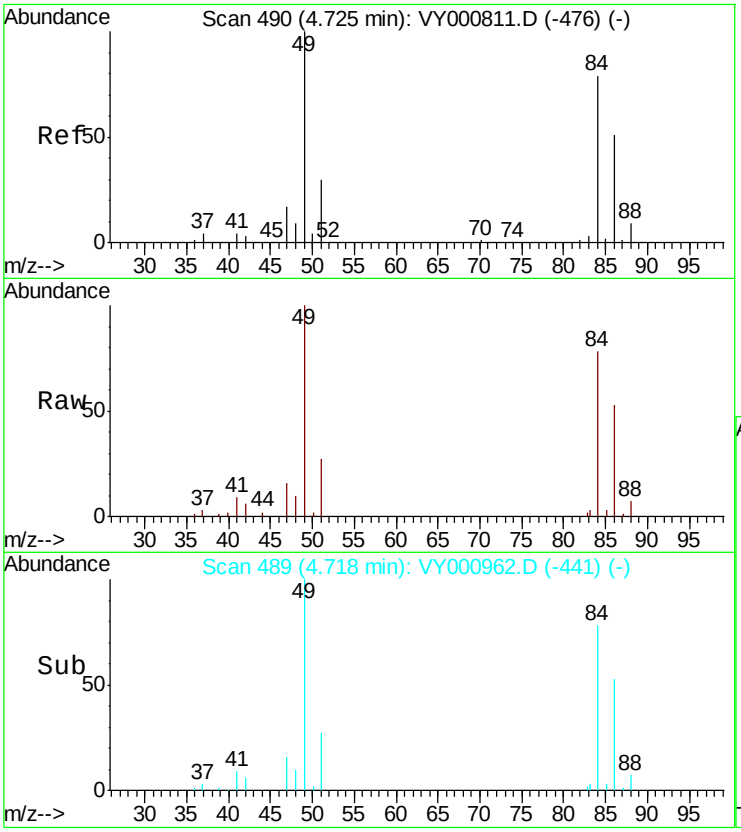


#16
Acetone
Concen: 1.150 ug/l
RT: 3.96 min Scan# 364
Delta R.T. -0.00 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion: 43 Resp: 655

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.0	42.0#



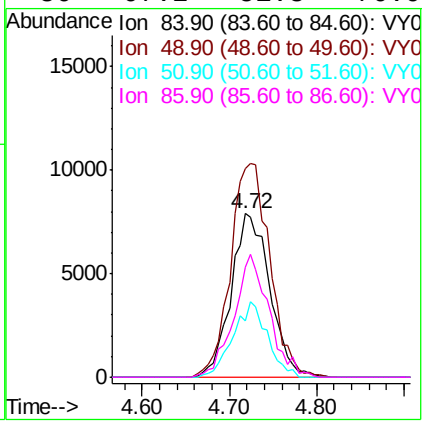


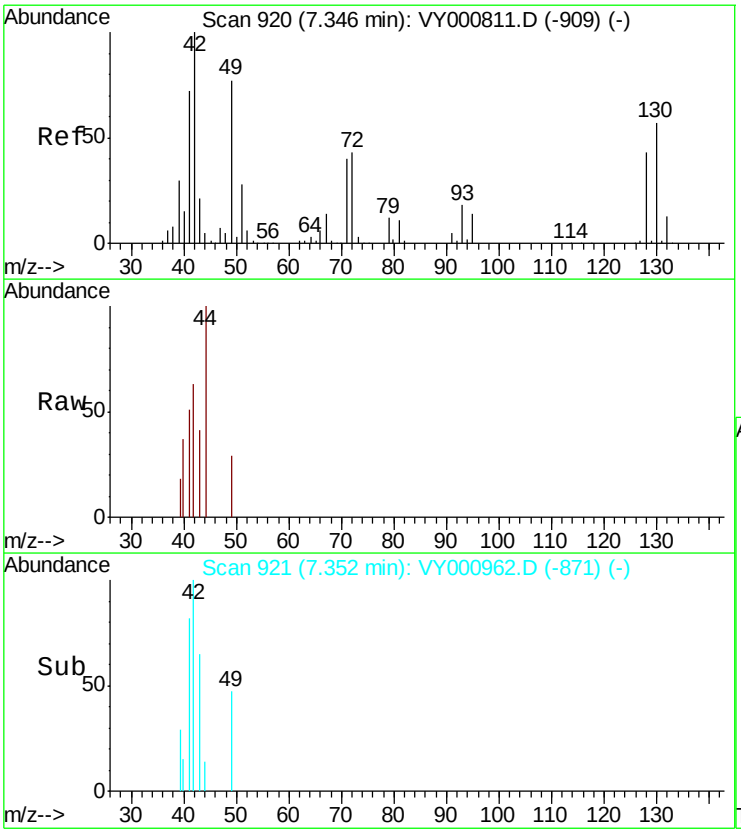
#20
Methylene Chloride
Concen: 8.090 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument : MSVOA_Y
ClientSampleId : X089-SB-3

Tgt Ion: 84 Resp: 24286

Ion	Ratio	Lower	Upper
84	100		
49	127.8	101.3	151.9
51	34.8	30.6	45.8
86	67.2	51.3	76.9

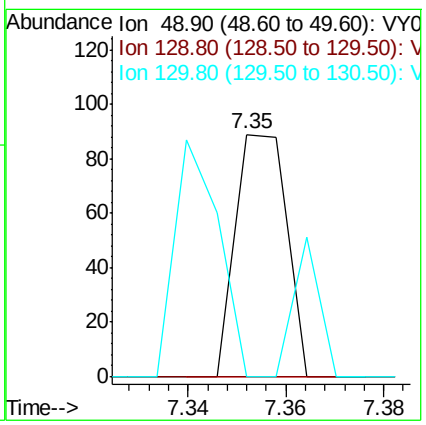


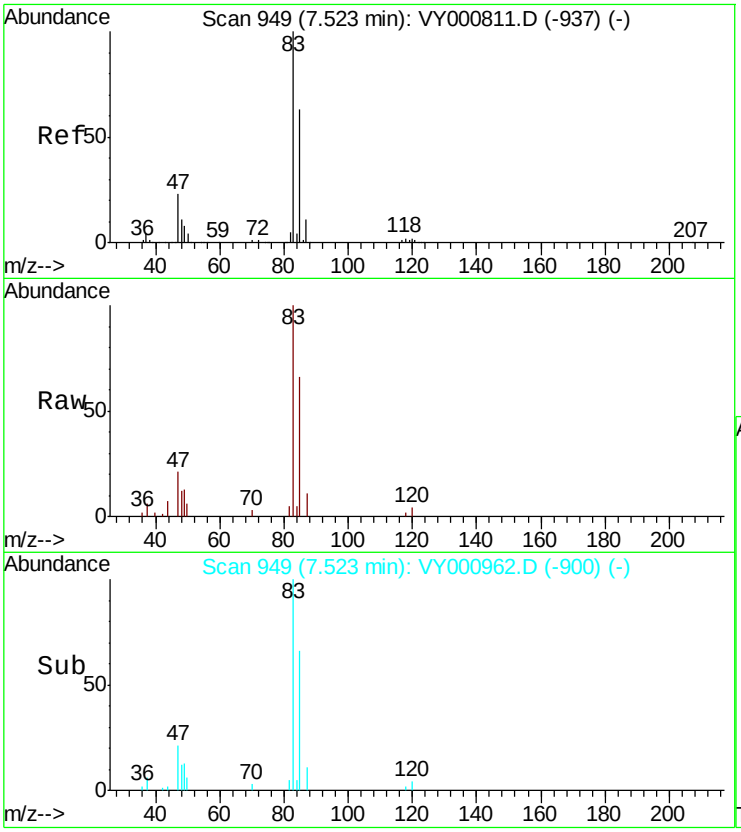


#28
Bromochloromethane
Concen: 2.050 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.01 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion: 49 Resp: 65

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	29.2	58.7	88.1#



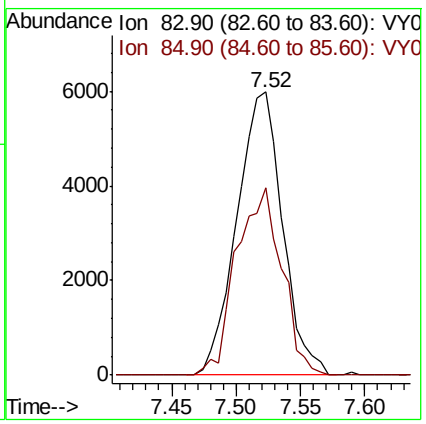


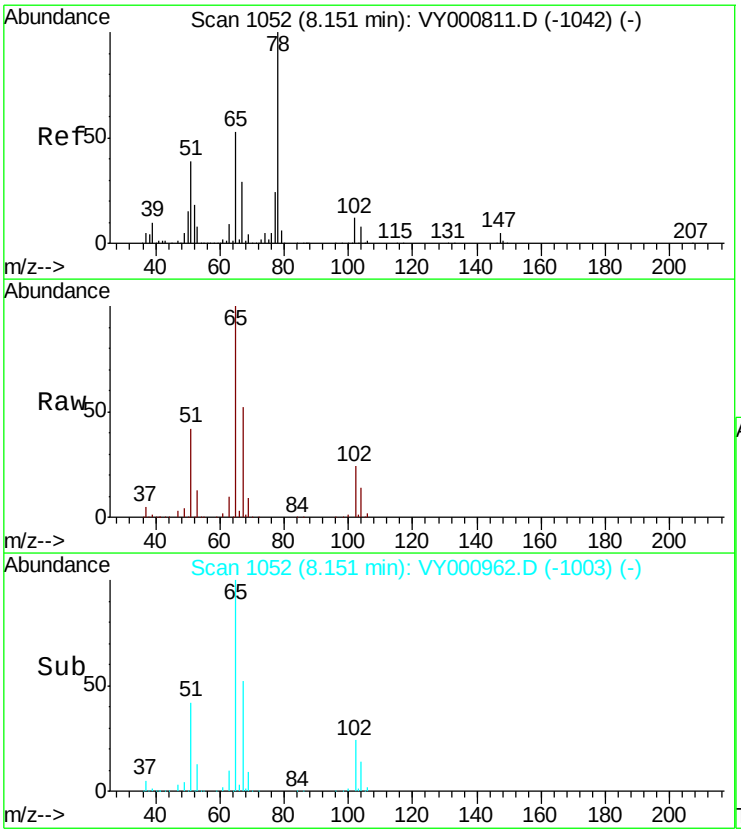
#30
Chloroform
Concen: 2.937 ug/l
RT: 7.52 min Scan# 949
Delta R.T. -0.00 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-3

Tgt Ion: 83 Resp: 14663

Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.4	75.6

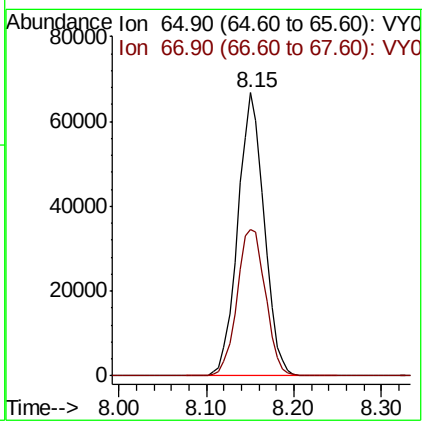


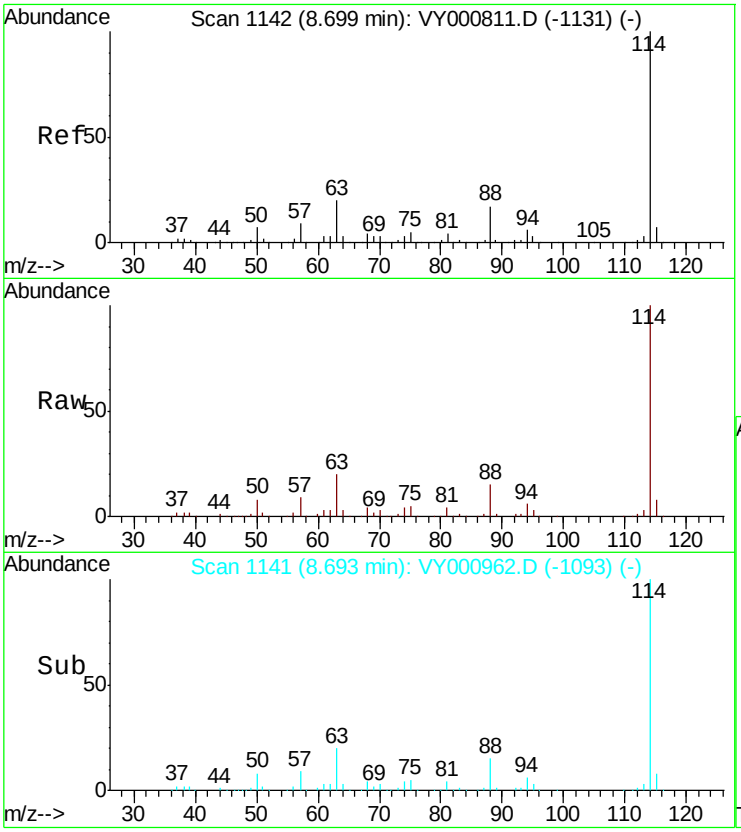


#33
1,2-Dichloroethane-d4
Concen: 56.246 ug/l
RT: 8.15 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion: 65 Resp: 139640

Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	112.0



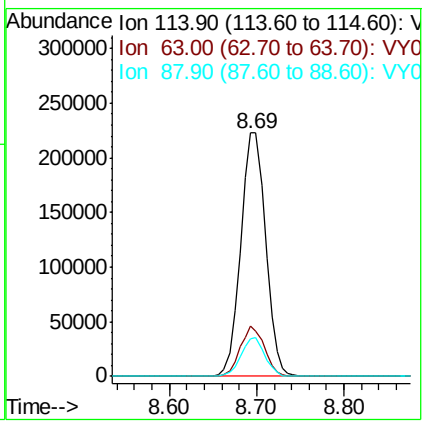


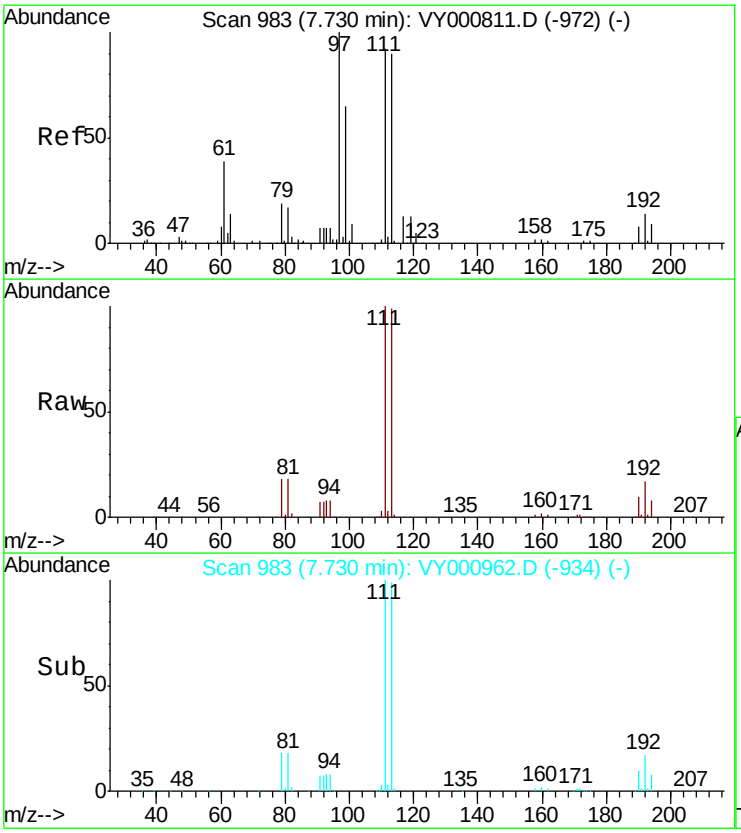
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.69 min Scan# 1141
Delta R.T. -0.01 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument : MSVOA_Y
ClientSampleId : X089-SB-3

Tgt Ion:114 Resp: 440713

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	39.8
88	15.4	0.0	33.2

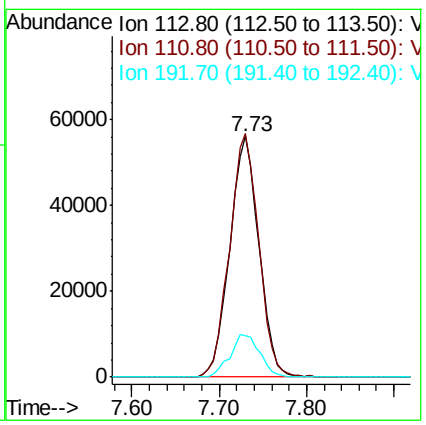


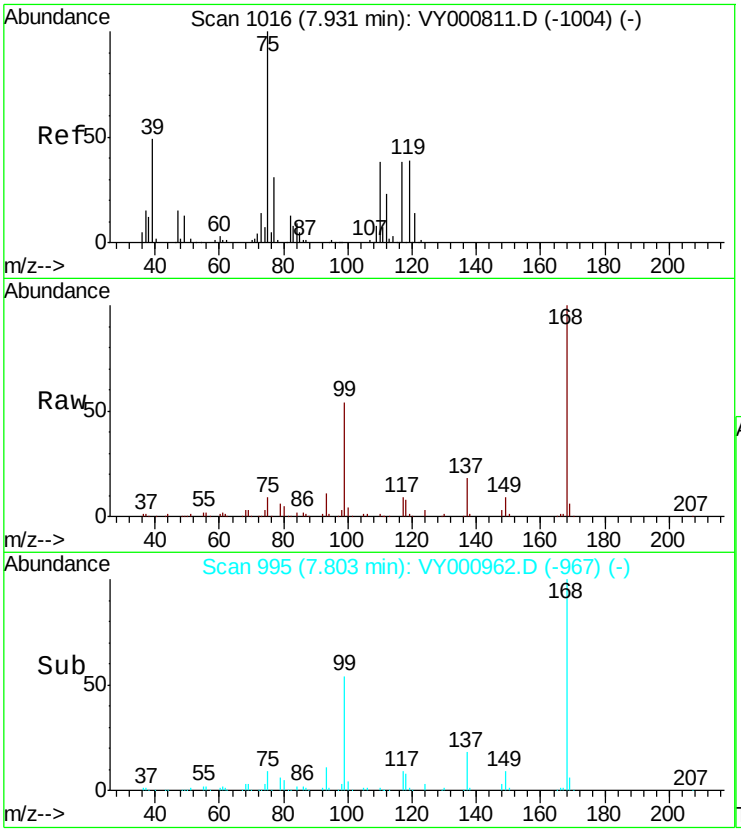


#35
Dibromofluoromethane
Concen: 50.648 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion:113 Resp: 130088

Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.4	123.6
192	18.0	14.2	21.2



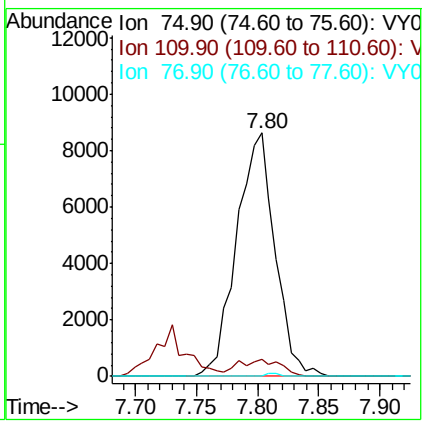


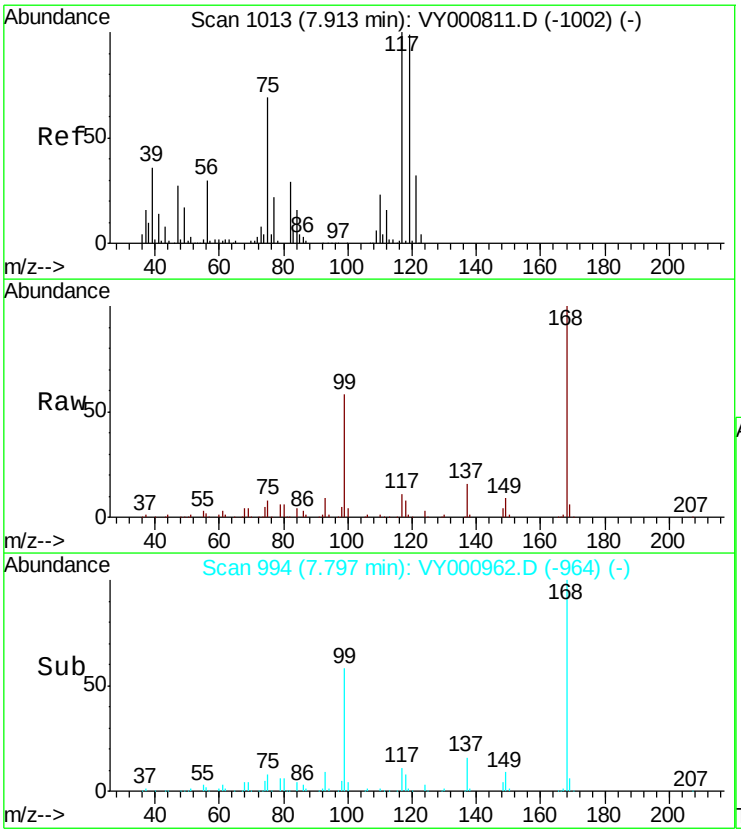
#36
1,1-Dichloropropene
Concen: 4.295 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-3

Tgt Ion: 75 Resp: 18820

Ion	Ratio	Lower	Upper
75	100		
110	7.7	17.9	53.7#
77	0.4	24.7	37.1#

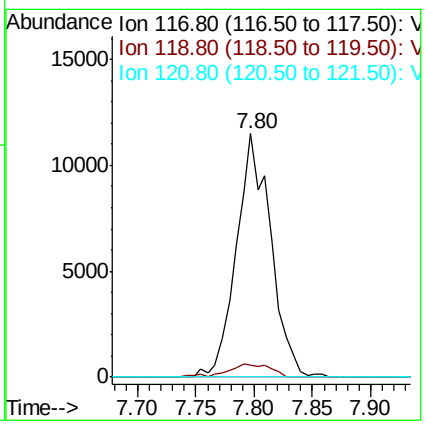


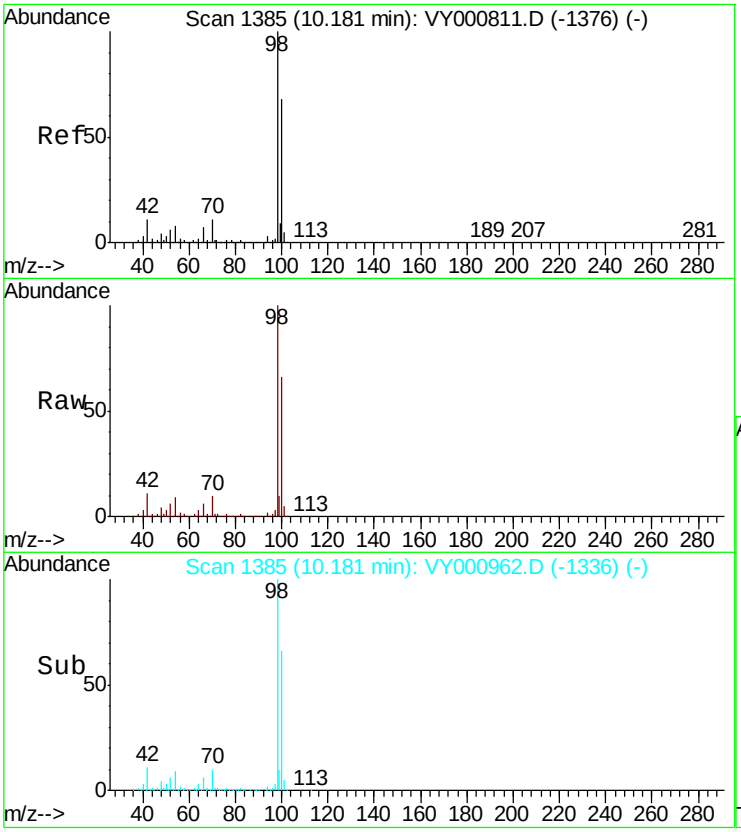


#38
Carbon Tetrachloride
Concen: 6.054 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion:117 Resp: 23624

Ion	Ratio	Lower	Upper
117	100		
119	5.1	79.3	118.9#
121	0.0	25.5	38.3#



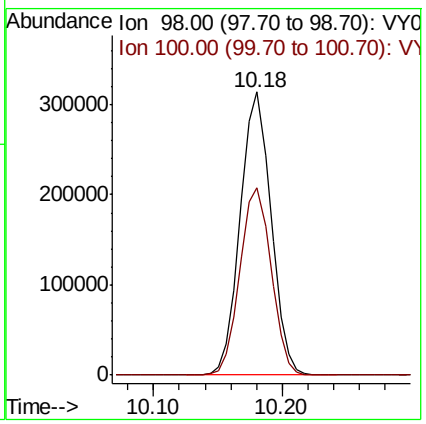


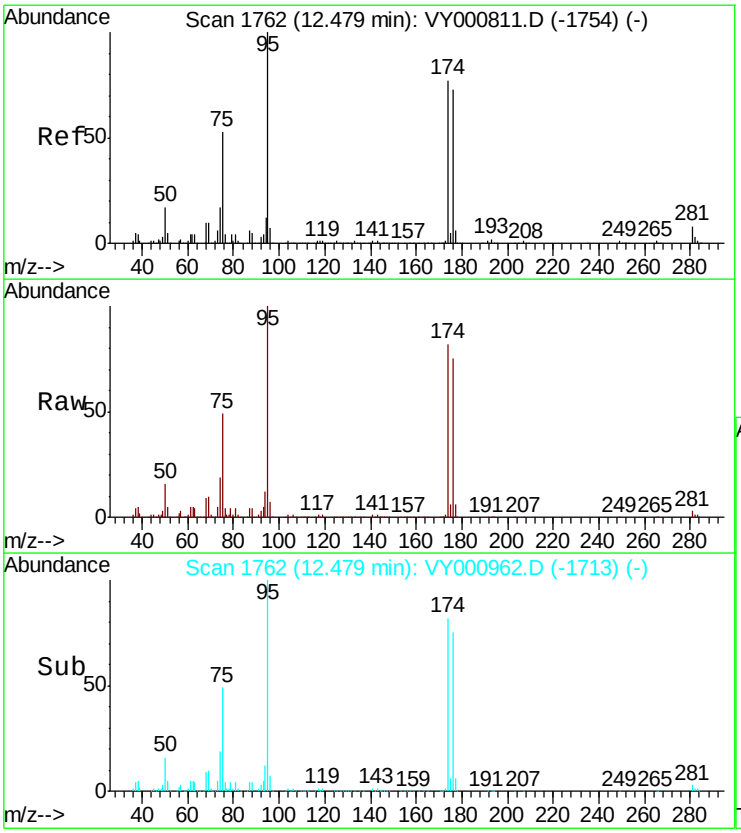
#50
Toluene-d8
Concen: 50.604 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument : MSVOA_Y
ClientSampleId : X089-SB-3

Tgt Ion: 98 Resp: 519630

Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.1	79.7

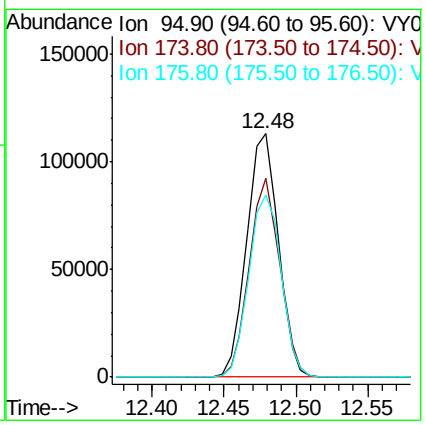


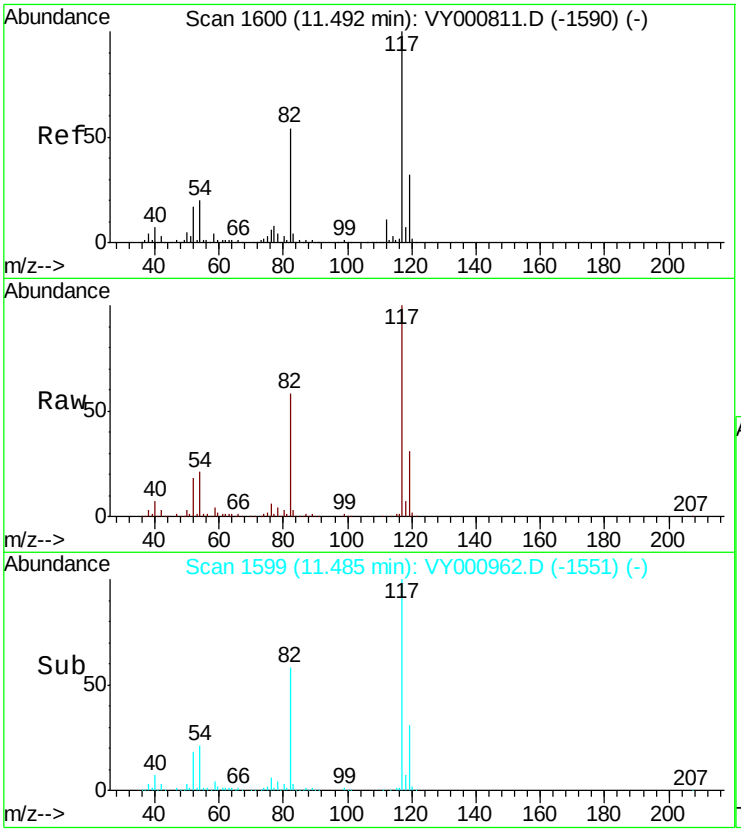


#62
4-Bromofluorobenzene
Concen: 44.532 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion: 95 Resp: 171735

Ion	Ratio	Lower	Upper
95	100		
174	79.6	0.0	150.6
176	76.5	0.0	145.2



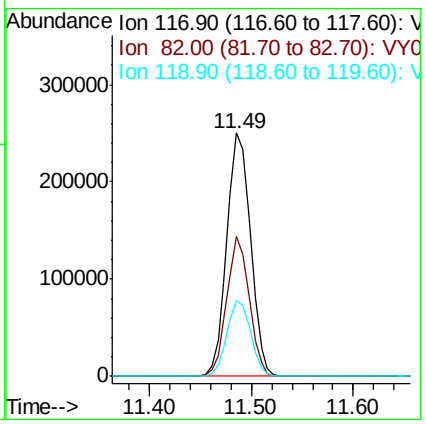


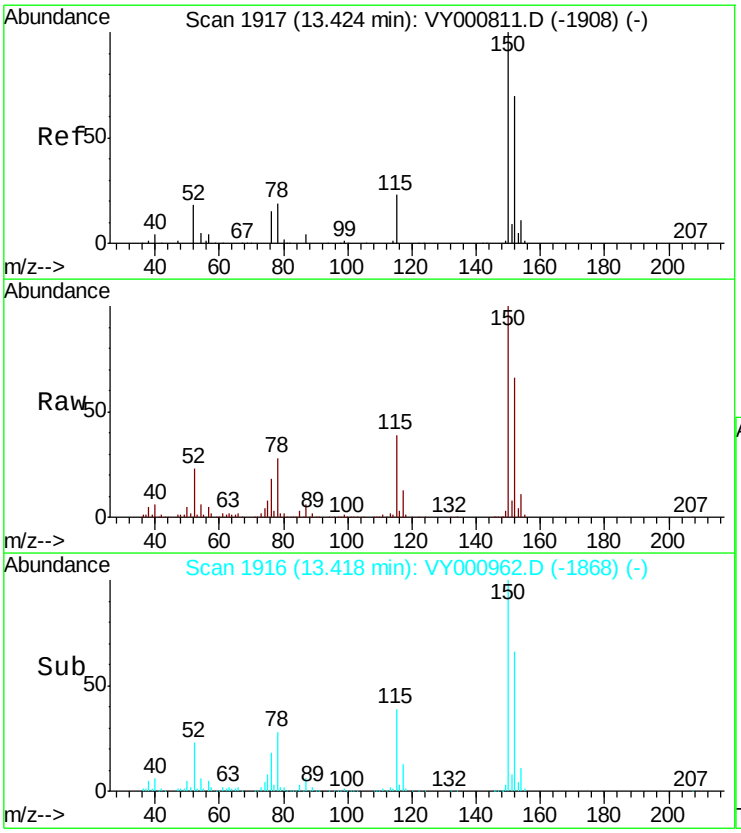
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument : MSVOA_Y
ClientSampleId : X089-SB-3

Tgt Ion:117 Resp: 402837

Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.1	64.7
119	31.2	25.3	37.9

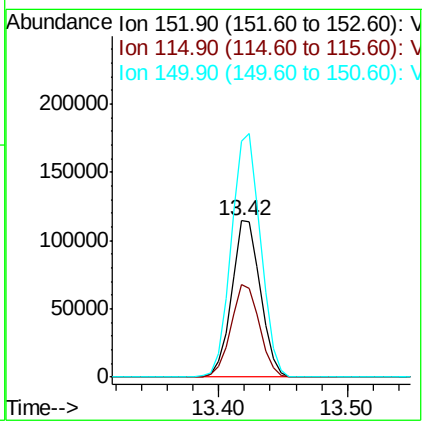


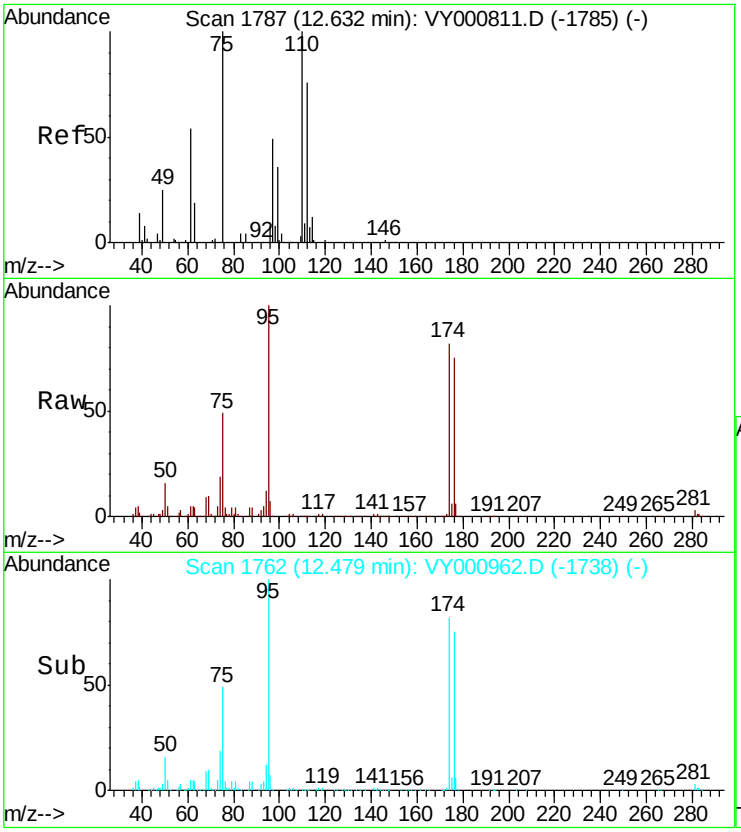


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1916
Delta R.T. -0.01 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion:152 Resp: 177164

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	87.8
150	158.5	0.0	351.2



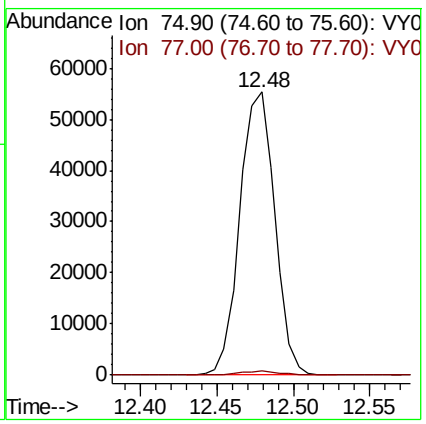


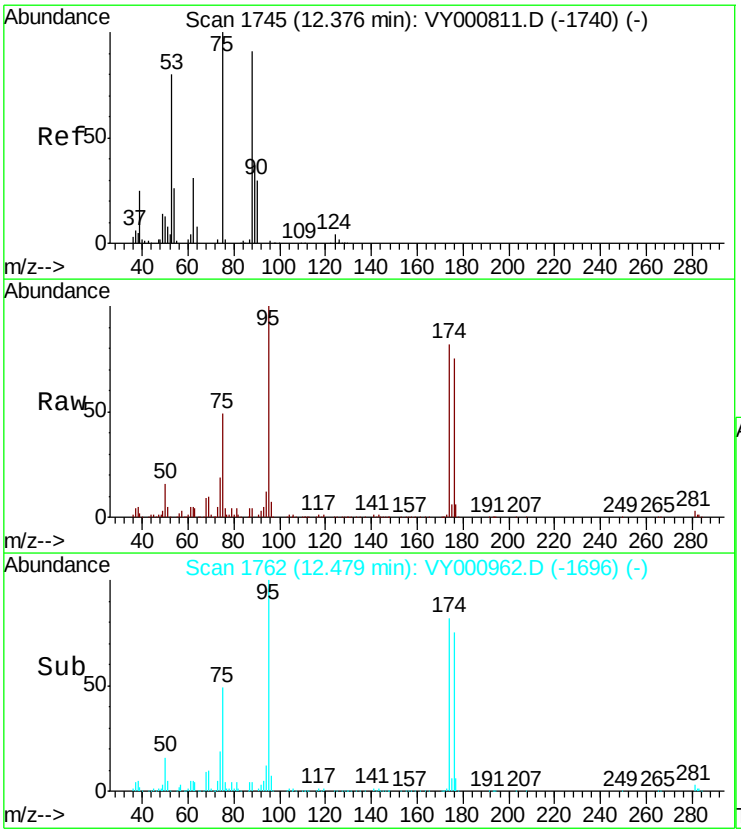
#76
1,2,3-Trichloropropane
Concen: 43.833 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Instrument :
MSVOA_Y
ClientSampleId :
X089-SB-3

Tgt Ion: 75 Resp: 87983

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.100 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.10 min
Lab File: VY000962.D
Acq: 16 Dec 2019 18:02

Tgt Ion: 75 Resp: 87983

Ion	Ratio	Lower	Upper
75	100		
53	0.0	64.6	96.8#
89	0.0	33.6	50.4#