Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY030320\
Data File : VY001839.D
Acq On : 03 Mar 2020 16:49
Operator : SY/MD
Sample : L1772-03
Misc : 7.33G/5ML/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : EP-8

Quant Time: Mar 04 03:41:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	148755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	249762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	98612	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90952	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.68%			
35) Dibromofluoromethane	7.74	113	82055	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
50) Toluene-d8	10.19	98	340819	53.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.56%			
62) 4-Bromofluorobenzene	12.49	95	109160	43.92	ug/l	0.00
Spiked Amount 50.000			Recovery = 87.84%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.97	59	98	Below Cal	#	67
16) Acetone	3.97	43	2169	3.918	ug/l	98
20) Methylene Chloride	4.74	84	7430	3.778	ug/l #	88
31) Cyclohexane	7.82	56	3369	1.002	ug/l #	1
32) 1,1,1-Trichloroethane	7.72	97	2631	1.016	ug/l #	49
36) 1,1-Dichloropropene	7.81	75	12199	4.480	ug/l #	50
38) Carbon Tetrachloride	7.81	117	15339	6.413	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	1760	1.111	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	56824	50.233	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	56824	95.301	ug/l #	17

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

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ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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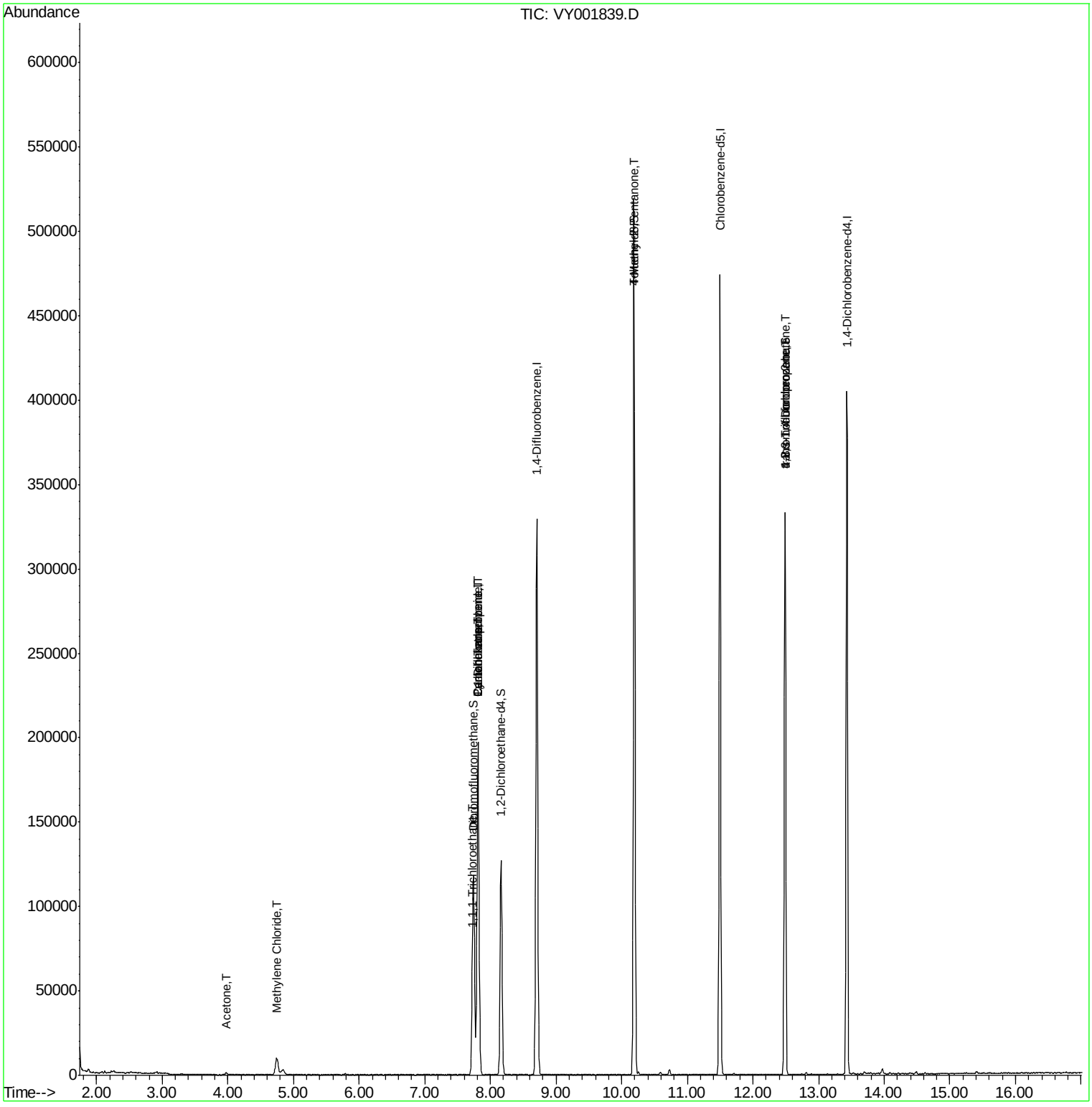
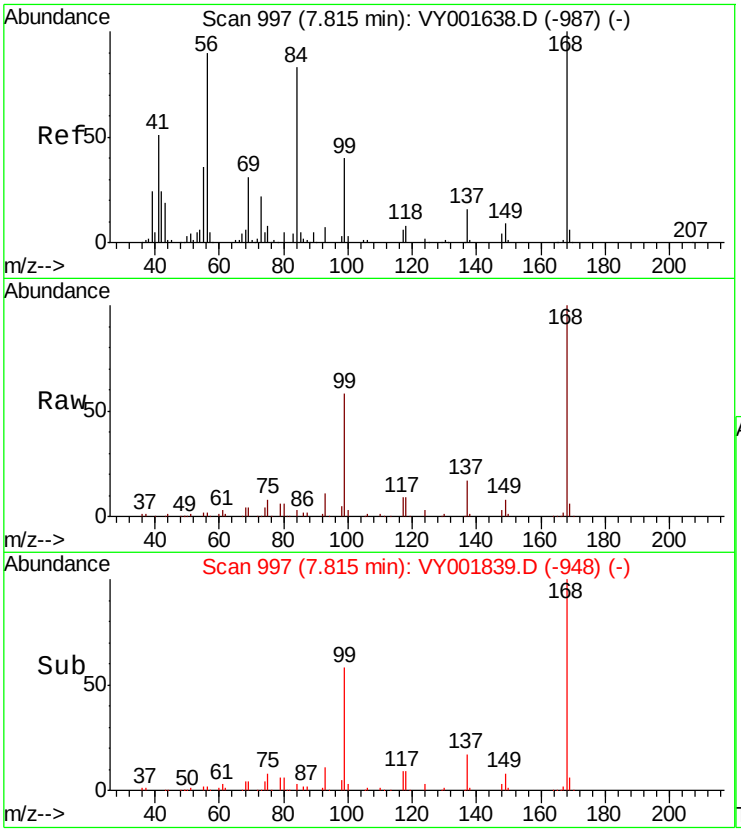


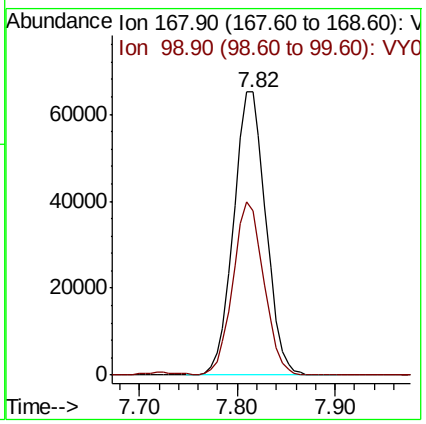


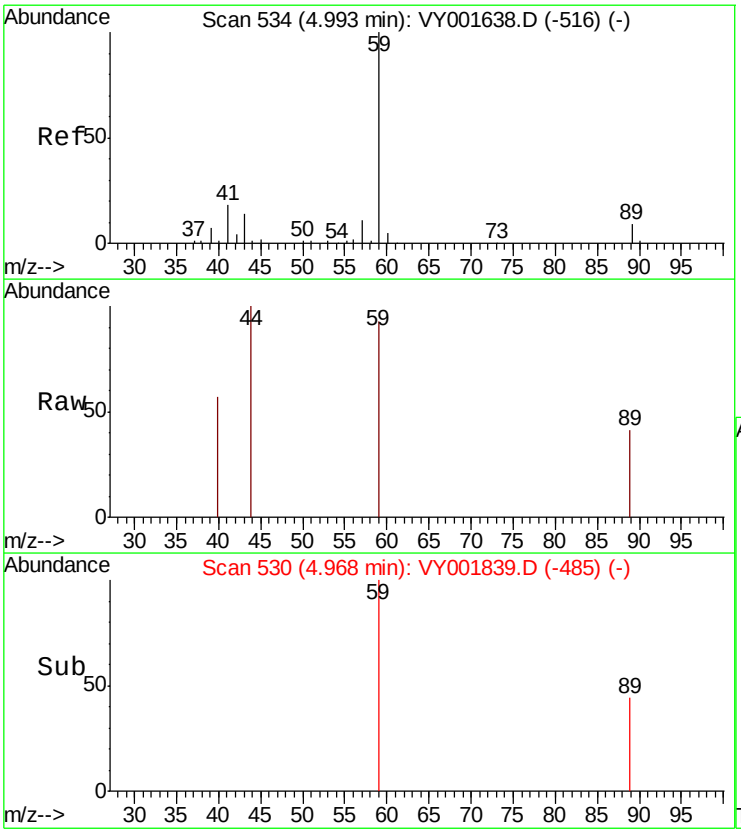
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.00 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-8

Tgt Ion:168 Resp: 148755

Ion	Ratio	Lower	Upper
168	100		
99	58.2	47.5	71.3

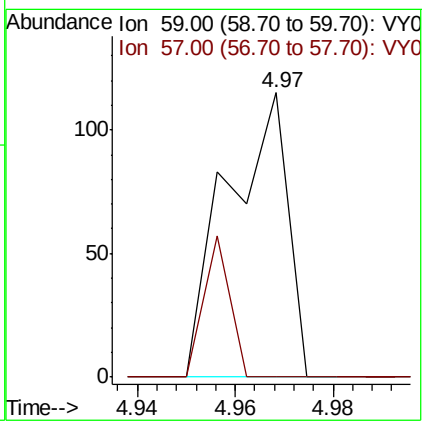


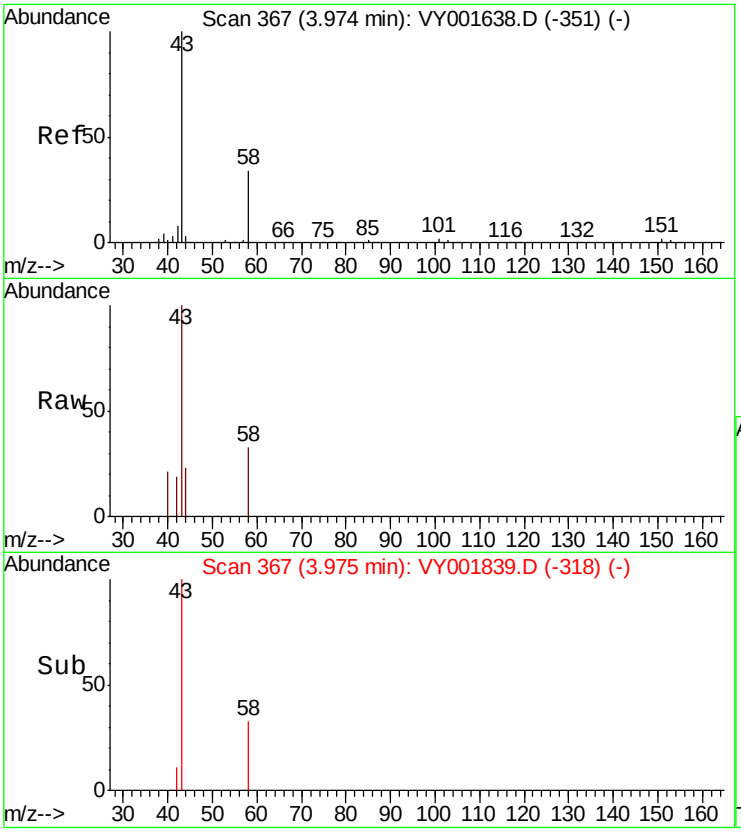


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.97 min Scan# 530
Delta R.T. -0.02 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 59 Resp: 98

Ion	Ratio	Lower	Upper
59	100		
57	21.4	7.4	11.2#



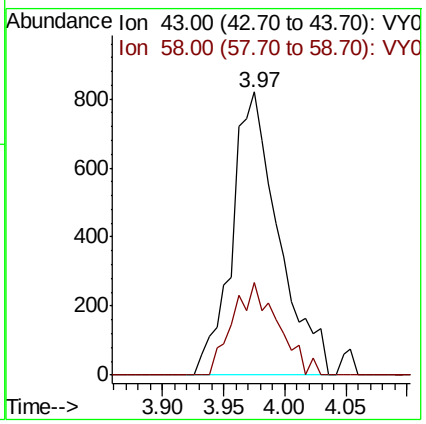


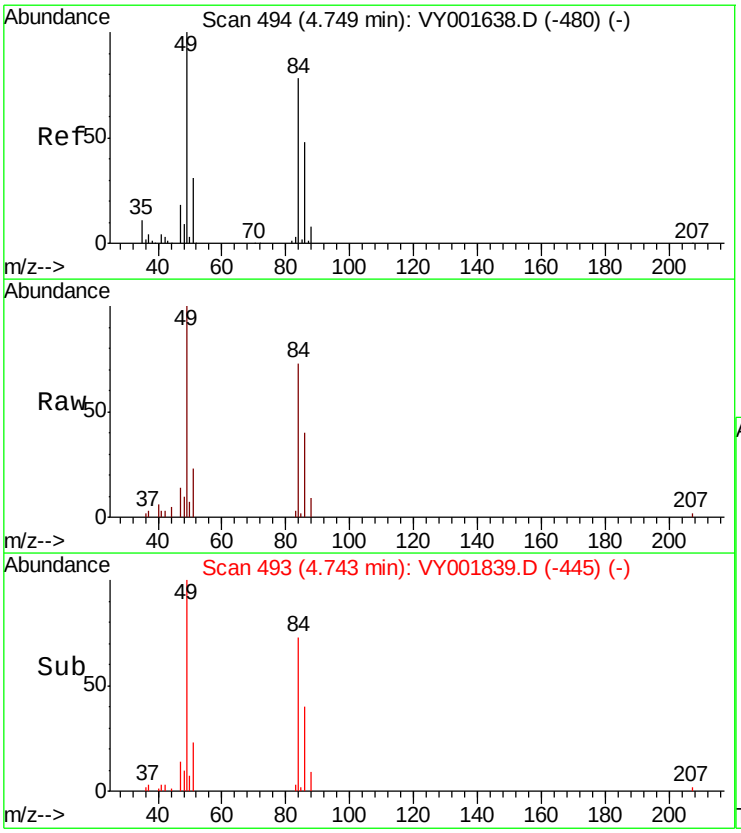
#16
Acetone
Concen: 3.918 ug/l
RT: 3.97 min Scan# 367
Delta R.T. 0.00 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-8

Tgt Ion: 43 Resp: 2169

Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.3	40.9

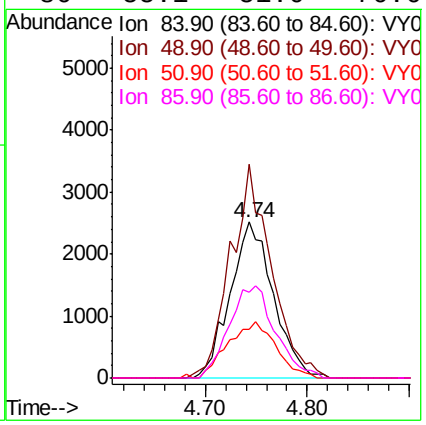


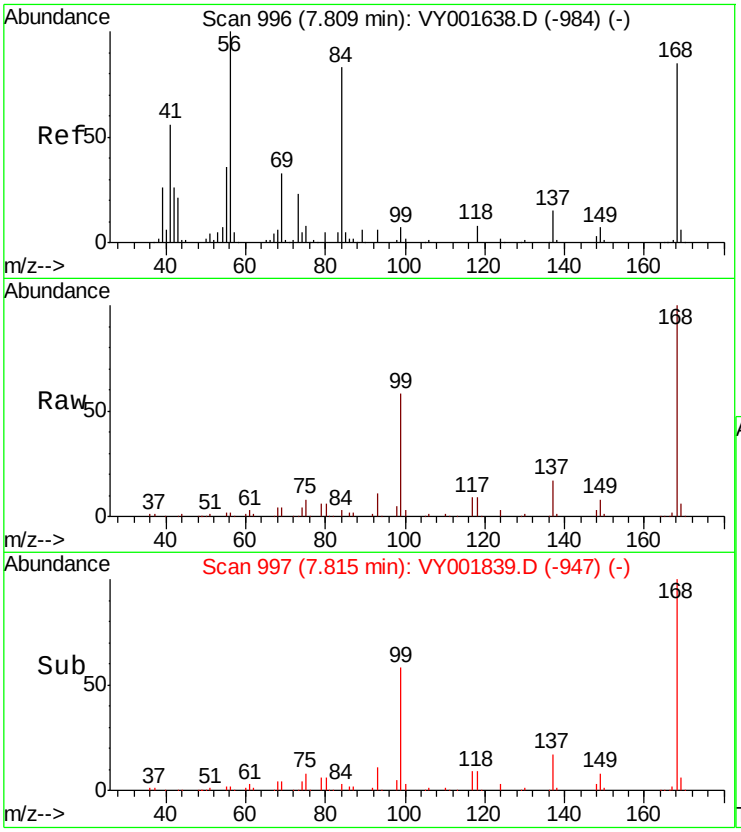


#20
Methylene Chloride
Concen: 3.778 ug/l
RT: 4.74 min Scan# 493
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 84 Resp: 7430

Ion	Ratio	Lower	Upper
84	100		
49	136.9	99.2	148.8
51	31.3	31.5	47.3#
86	55.1	51.0	76.6



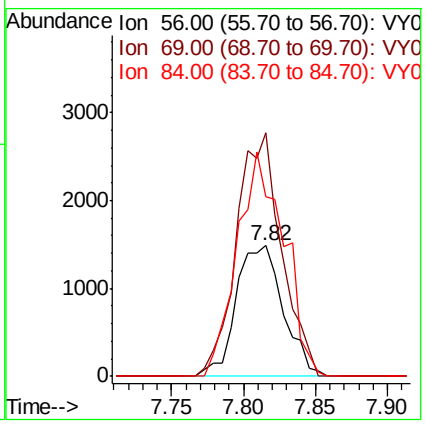


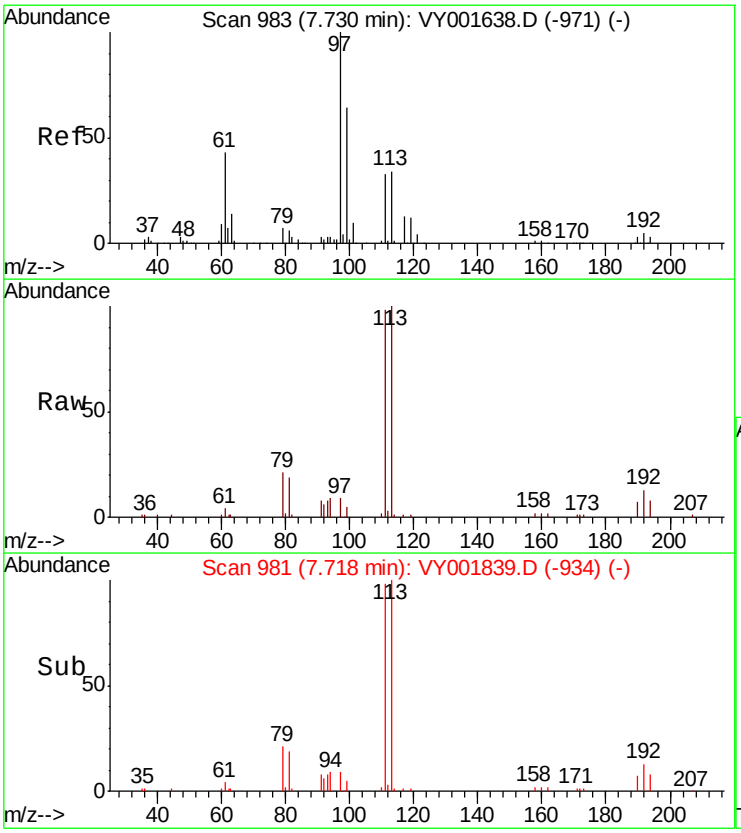
#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument : MSVOA_Y
ClientSampleId : EP-8

Tgt Ion: 56 Resp: 3369

Ion	Ratio	Lower	Upper
56	100		
69	186.2	25.1	37.7#
84	137.4	66.9	100.3#

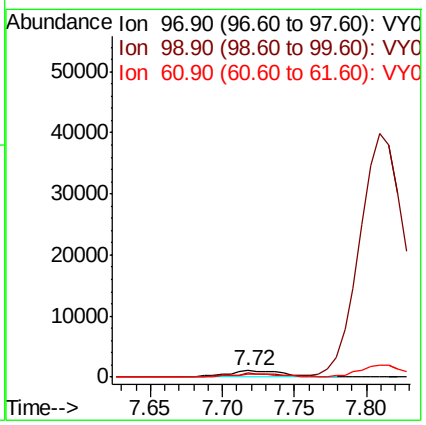


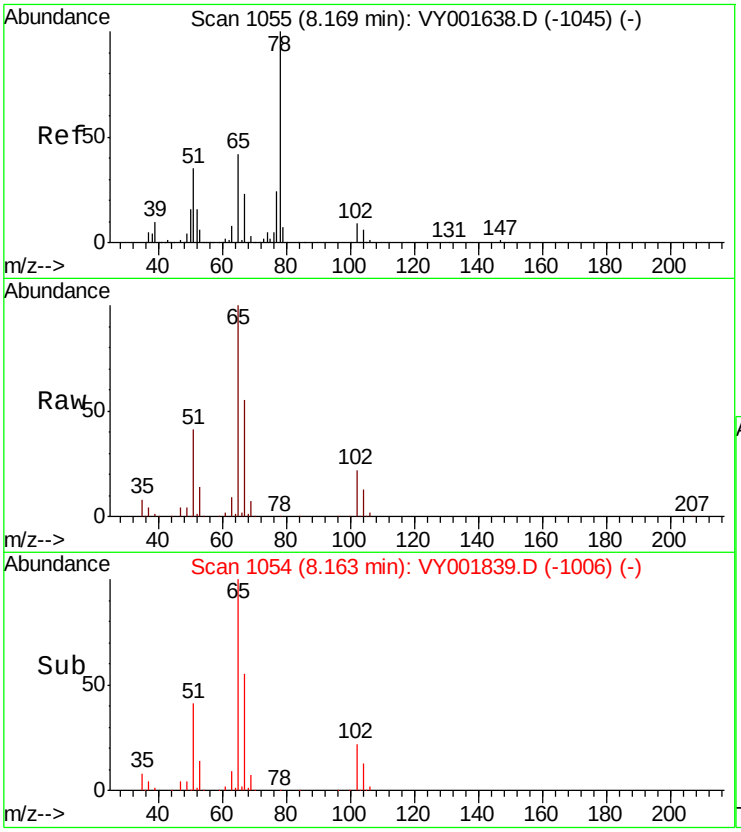


#32
1,1,1-Trichloroethane
Concen: 1.016 ug/l
RT: 7.72 min Scan# 981
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 97 Resp: 2631

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	48.0	35.0	52.6



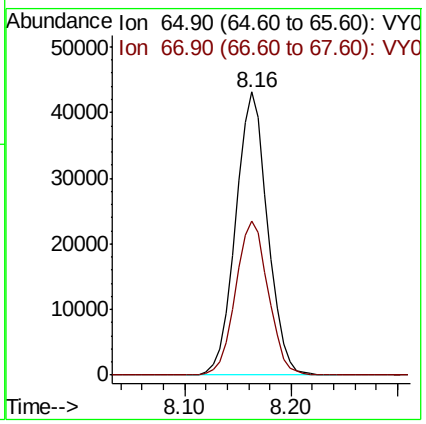


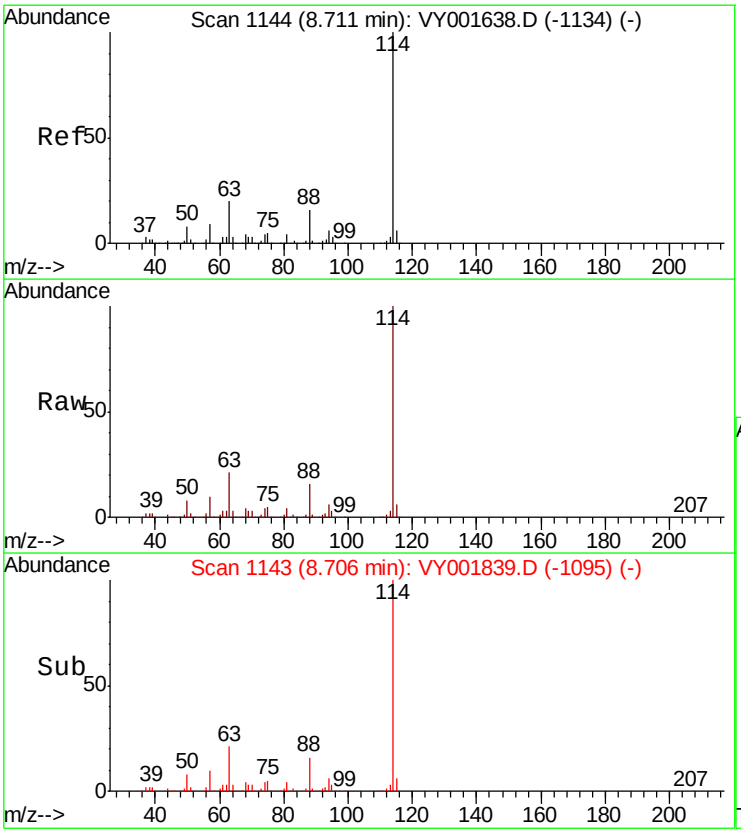
#33
1,2-Dichloroethane-d4
Concen: 56.842 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument : MSVOA_Y
ClientSampleId : EP-8

Tgt Ion: 65 Resp: 90952

Ion	Ratio	Lower	Upper
65	100		
67	55.3	0.0	111.0

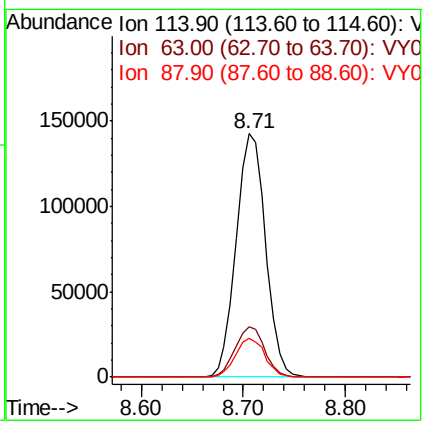


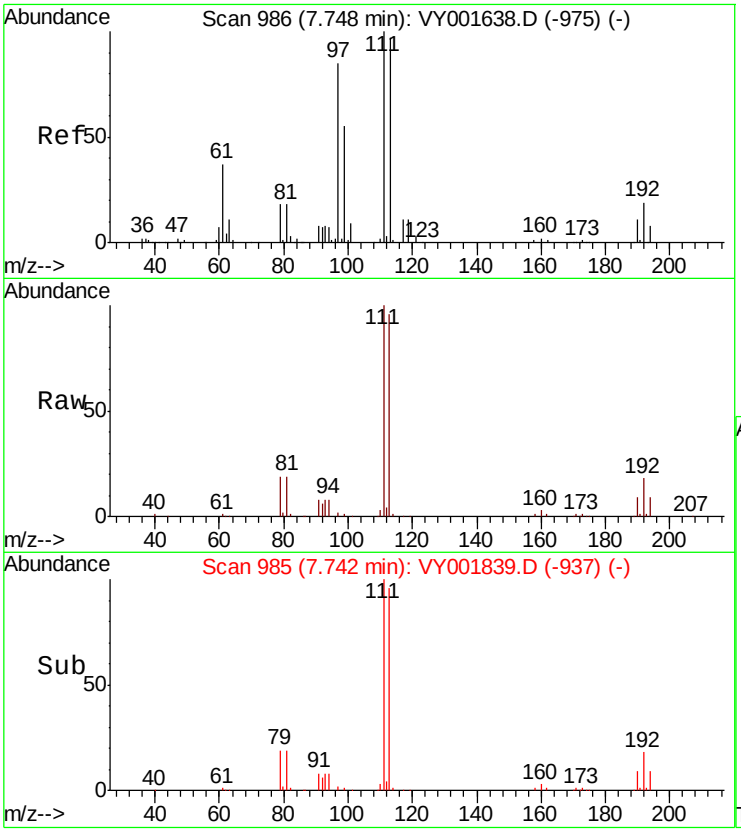


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion:114 Resp: 285086

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	41.4
88	16.2	0.0	32.8



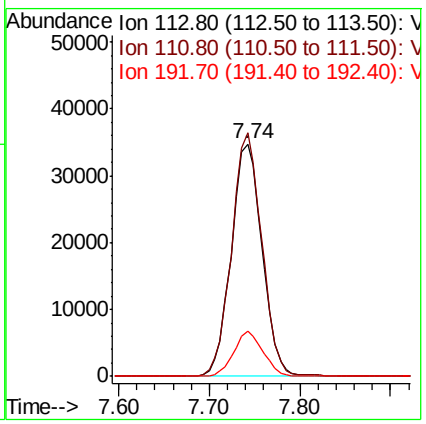


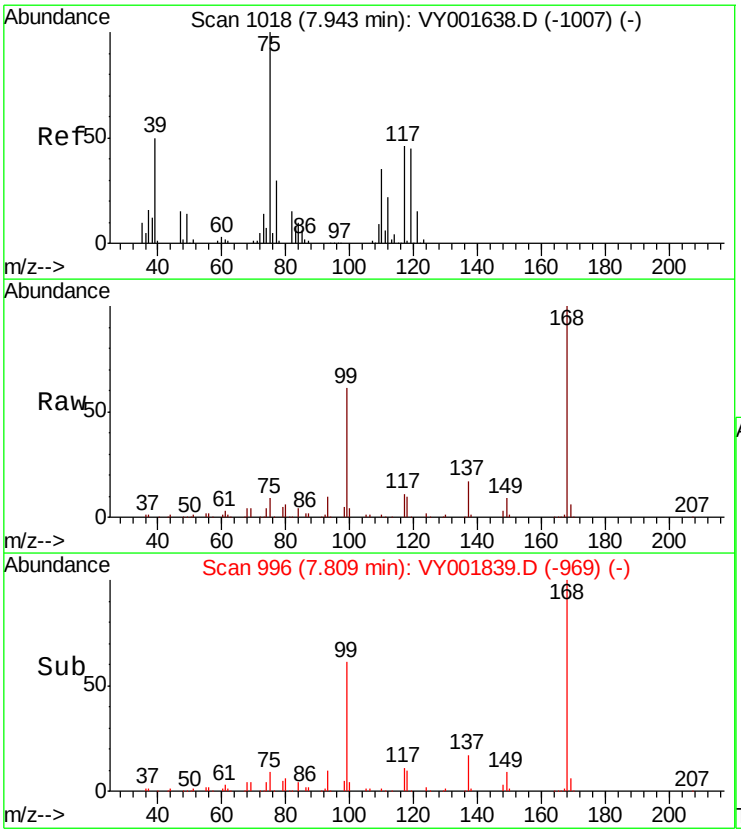
#35
Dibromofluoromethane
Concen: 50.253 ug/l
RT: 7.74 min Scan# 985
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-8

Tgt Ion:113 Resp: 82055

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.9	122.9
192	18.2	14.3	21.5

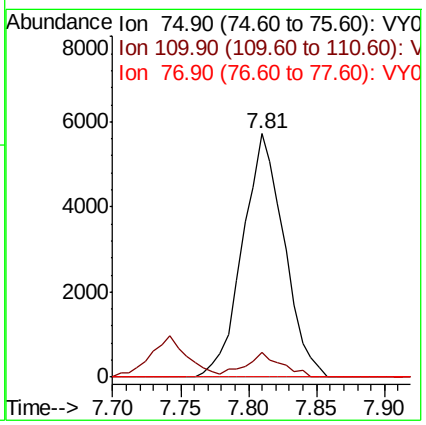


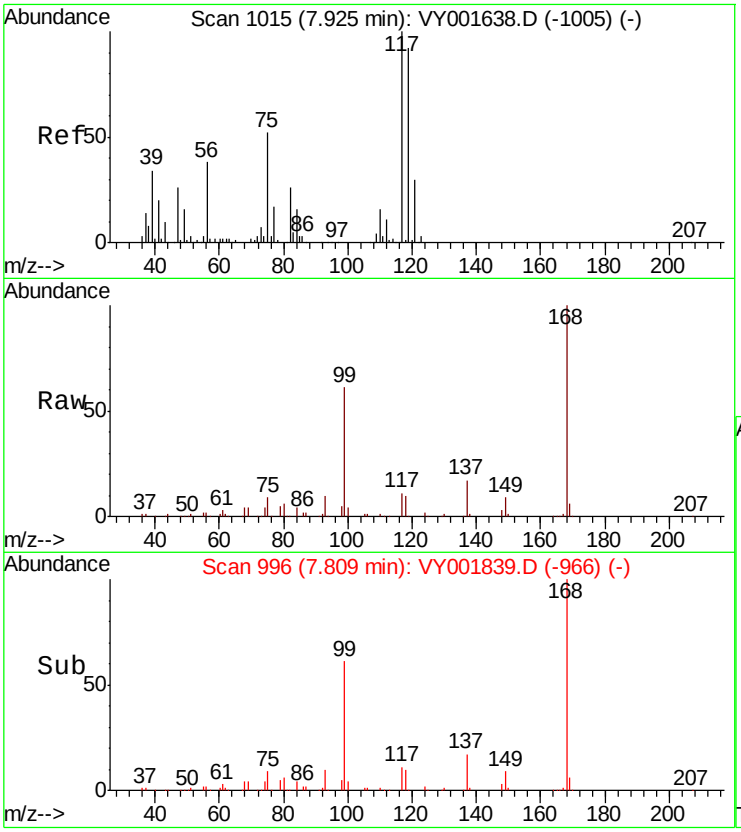


#36
1,1-Dichloropropene
Concen: 4.480 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.13 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 75 Resp: 12199

Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.2	51.6#
77	0.0	24.8	37.2#



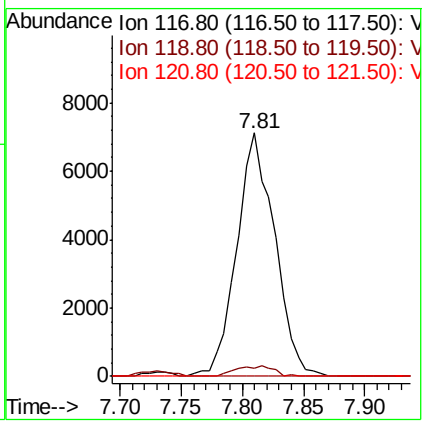


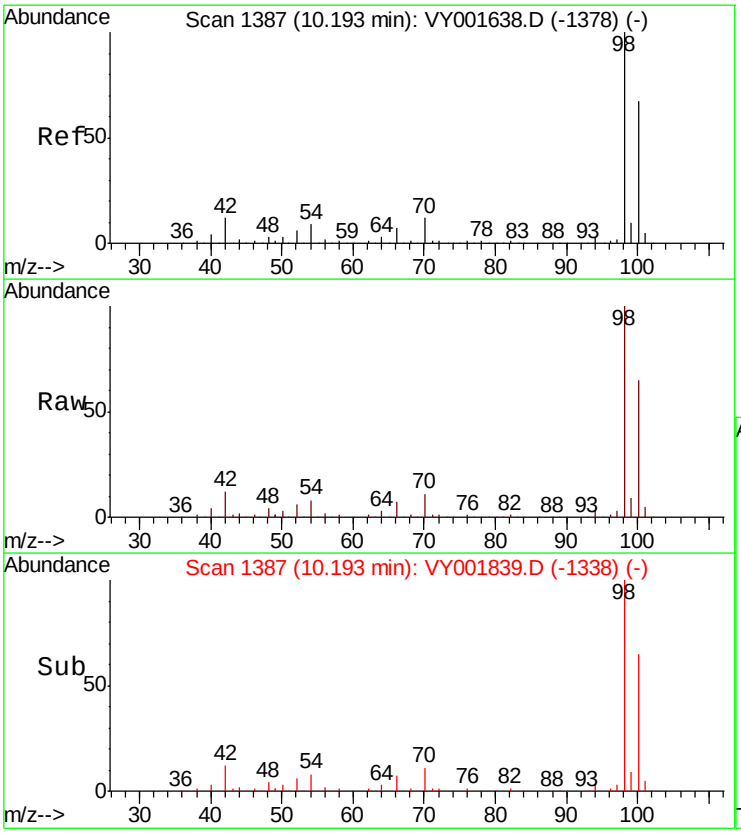
#38
Carbon Tetrachloride
Concen: 6.413 ug/l
RT: 7.81 min Scan# 996
Delta R.T. -0.12 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument : MSVOA_Y
ClientSampleId : EP-8

Tgt Ion:117 Resp: 15339

Ion	Ratio	Lower	Upper
117	100		
119	3.3	74.8	112.2#
121	0.0	23.8	35.6#

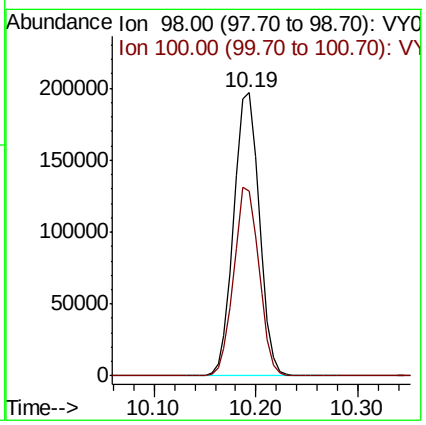


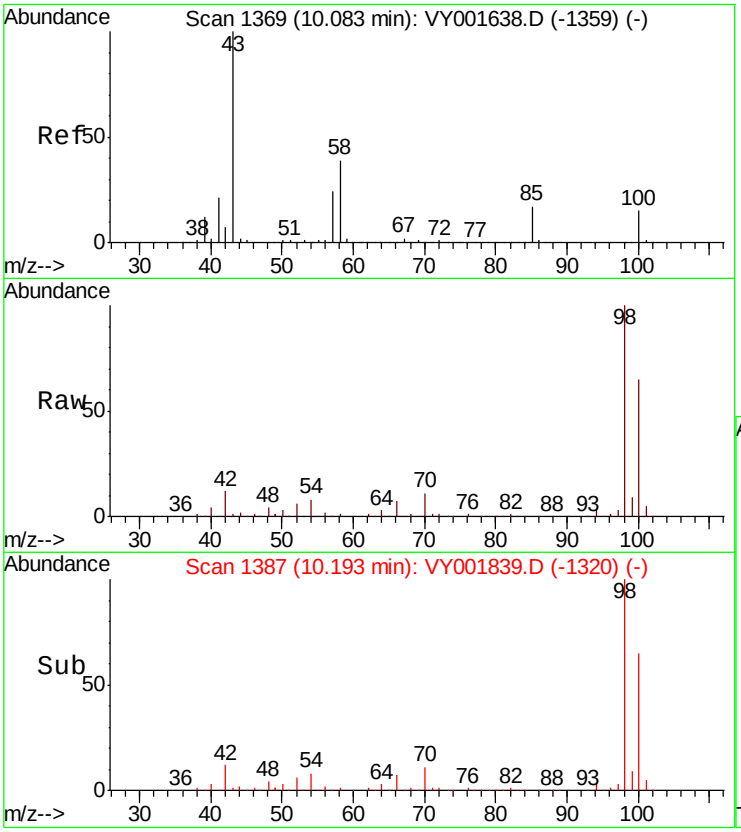


#50
Toluene-d8
Concen: 53.278 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 98 Resp: 340819

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.4



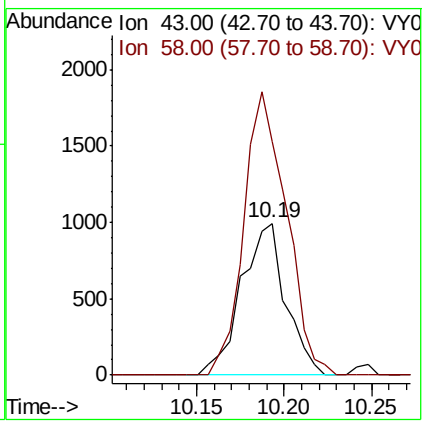


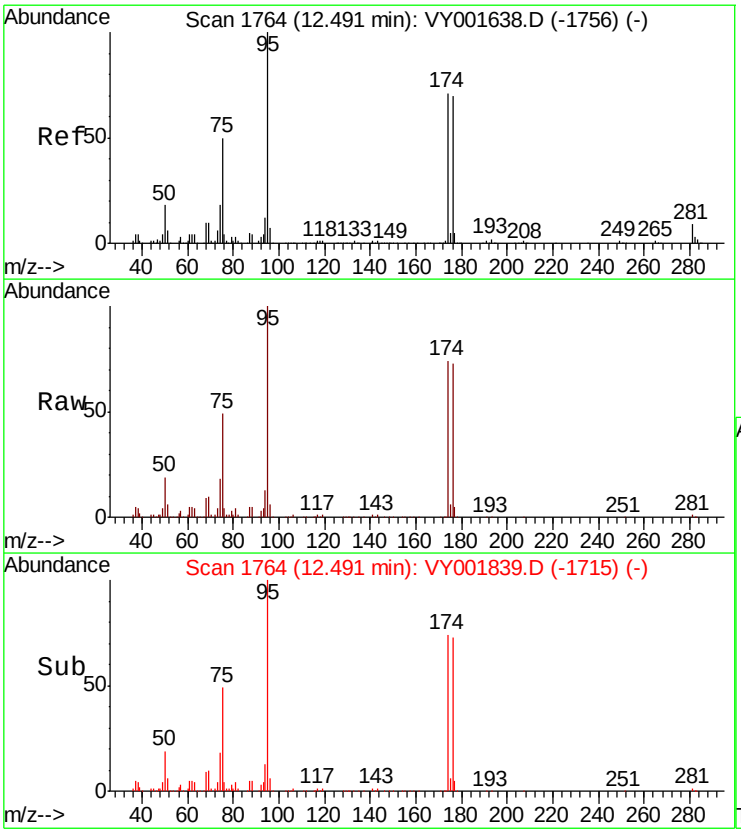
#51
4-Methyl-2-Pentanone
Concen: 1.111 ug/l
RT: 10.19 min Scan# 1387
Delta R.T. 0.11 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument : MSVOA_Y
ClientSampleId : EP-8

Tgt Ion: 43 Resp: 1760

Ion	Ratio	Lower	Upper
43	100		
58	178.0	32.2	48.4#

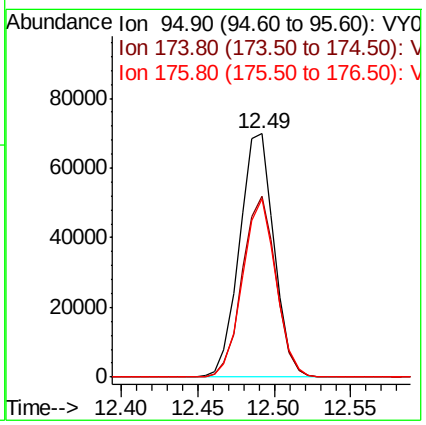


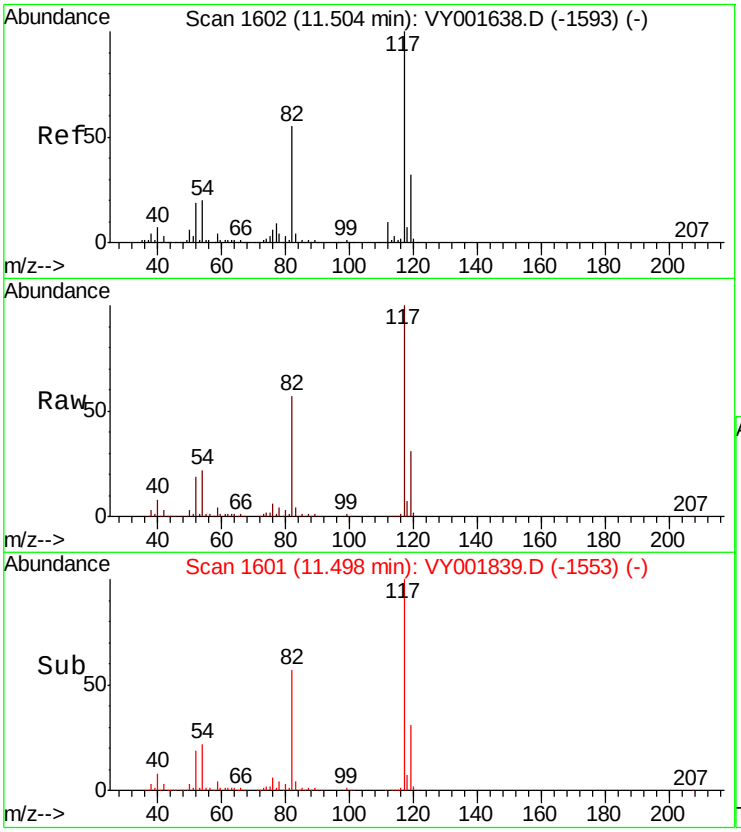


#62
4-Bromofluorobenzene
Concen: 43.924 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 95 Resp: 109160

Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	138.4
176	70.9	0.0	131.8



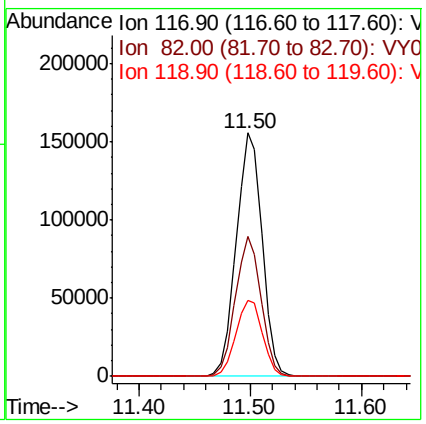


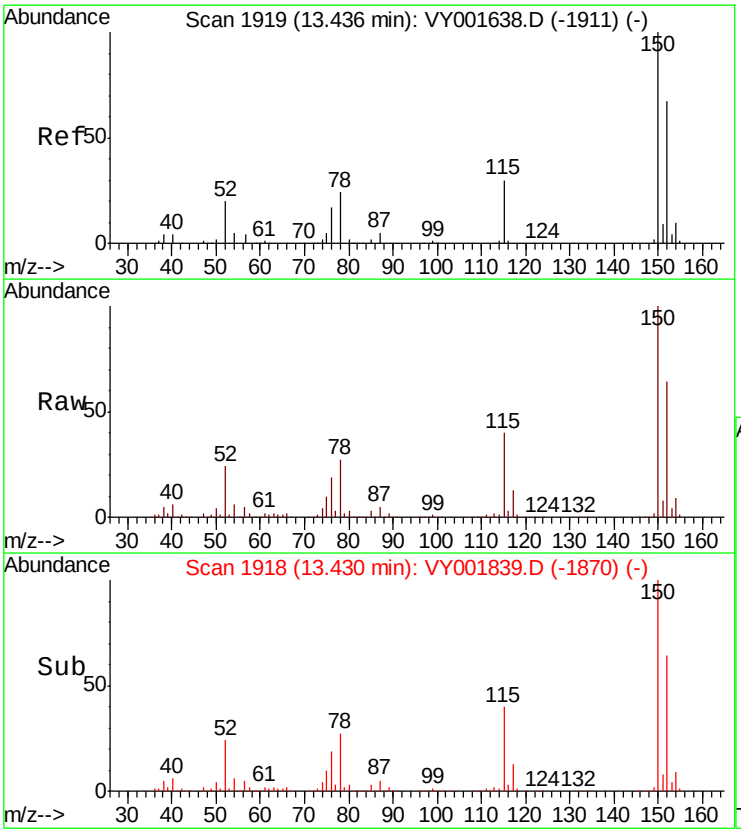
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-8

Tgt Ion:117 Resp: 249762

Ion	Ratio	Lower	Upper
117	100		
82	57.4	45.5	68.3
119	31.3	25.8	38.6

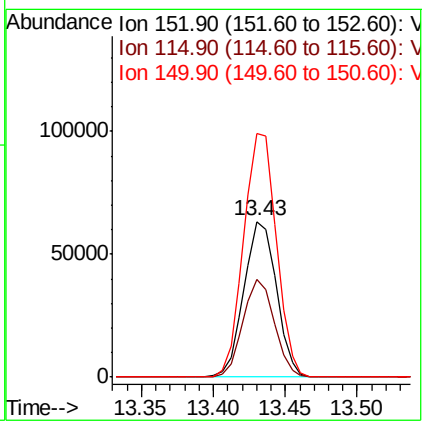


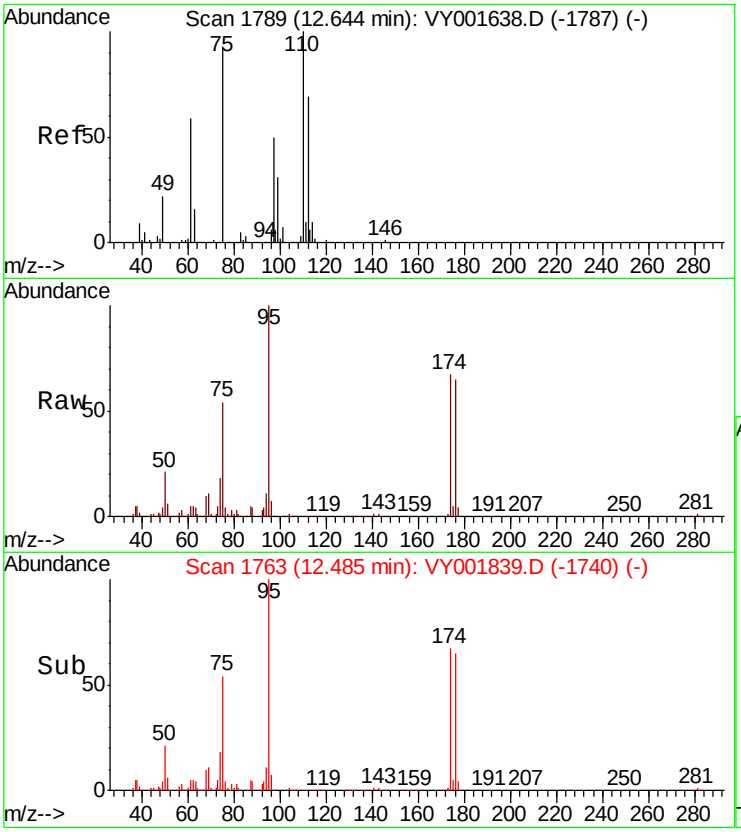


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion:152 Resp: 98612

Ion	Ratio	Lower	Upper
152	100		
115	60.8	31.4	94.2
150	158.1	0.0	407.2



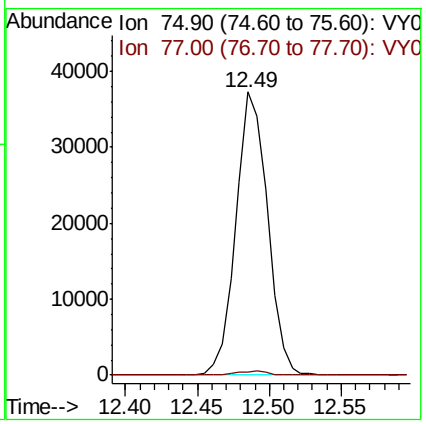


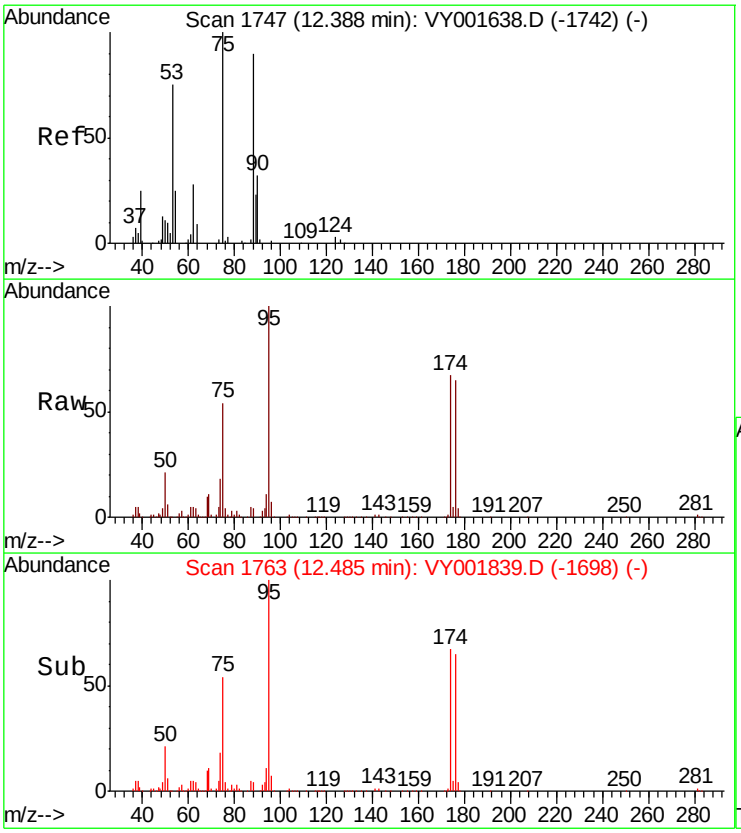
#76
1,2,3-Trichloropropane
Concen: 50.233 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.16 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Instrument :
MSVOA_Y
ClientSampleId :
EP-8

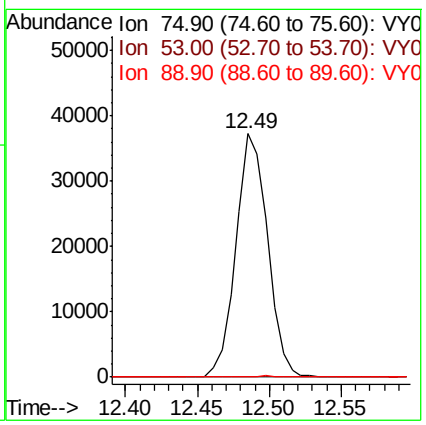
Tgt Ion: 75 Resp: 56824

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 95.301 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY001839.D
Acq: 03 Mar 2020 16:49

Tgt Ion: 75 Resp: 56824

Ion	Ratio	Lower	Upper
75	100		
53	0.1	64.5	96.7#
89	0.1	36.3	54.5#