Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
Data File : VY002322.D
Acq On : 14 Apr 2020 20:17
Operator : SY/MD
Sample : L2245-01
Misc : 5.41G/5ML/MSVOA Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Time: Apr 15 05:38:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	134691	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	265368	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	218290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	73649	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	73893	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.66%			
35) Dibromofluoromethane	7.75	113	76700	48.57	ug/l	0.01
Spiked Amount 50.000			Recovery = 97.14%			
50) Toluene-d8	10.19	98	321573	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.32%			
62) 4-Bromofluorobenzene	12.49	95	84216	38.62	ug/l	0.00
Spiked Amount 50.000			Recovery = 77.24%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.00	59	3247	Below Cal	#	89
16) Acetone	3.98	43	22636	57.377	ug/l	90
17) Carbon Disulfide	4.22	76	7008	1.297	ug/l	97
19) Methyl tert-butyl Ether	5.25	73	9013	2.108	ug/l	96
20) Methylene Chloride	4.75	84	4847	2.500	ug/l #	93
25) 2-Butanone	7.03	43	9850	15.777	ug/l	91
31) Cyclohexane	7.80	56	3531	1.119	ug/l #	17
36) 1,1-Dichloropropene	7.82	75	11093	4.244	ug/l #	50
37) Ethyl Acetate	7.03	43	9850	6.596	ug/l #	80
38) Carbon Tetrachloride	7.82	117	13510	6.043	ug/l #	15
76) 1,2,3-Trichloropropane	12.49	75	41651	48.702	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	41651	94.724	ug/l #	19
95) Naphthalene	15.24	128	4058	1.265	ug/l	99

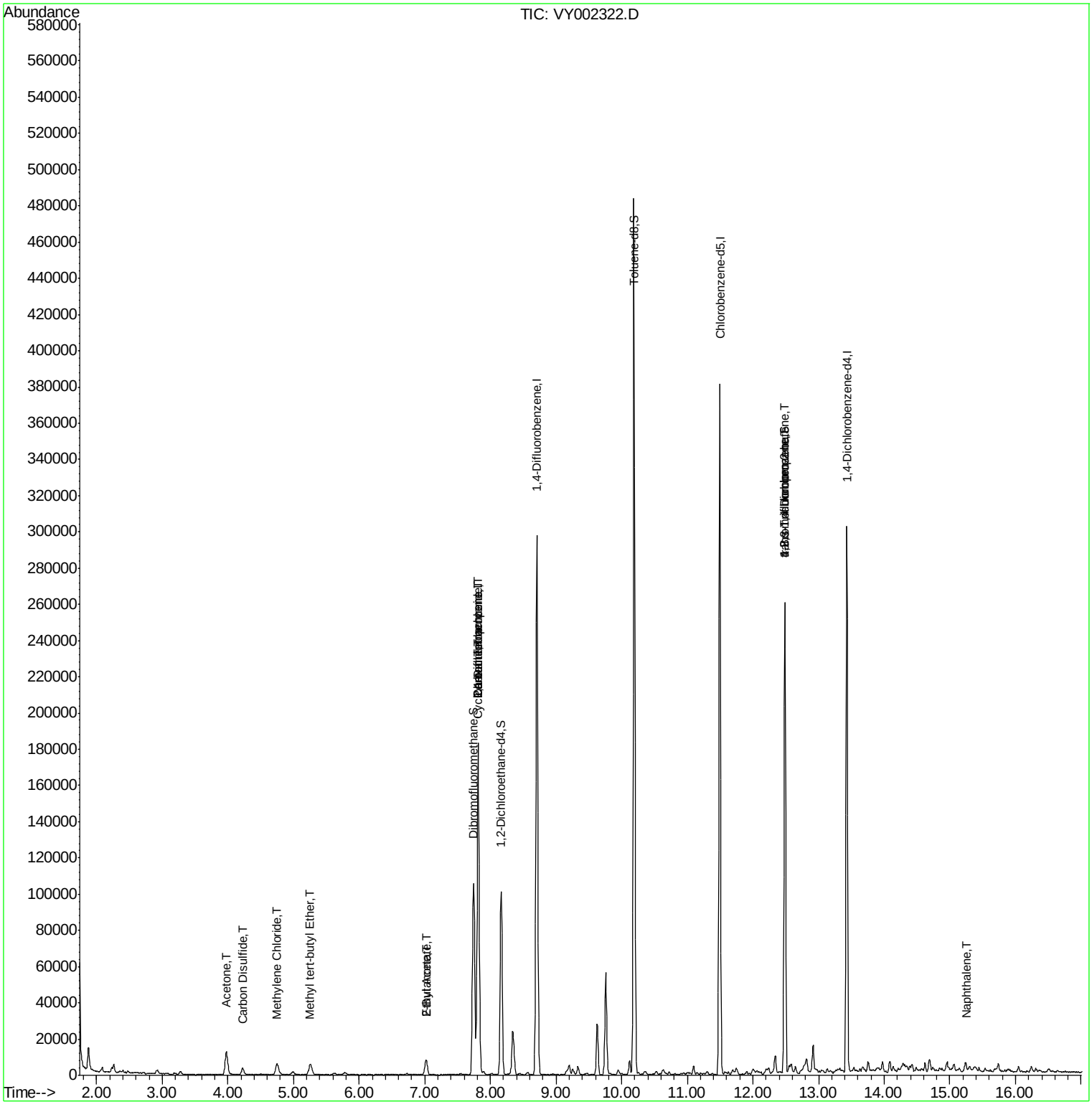
(#) = qualifier out of range (m) = manual integration (+) = signals summed

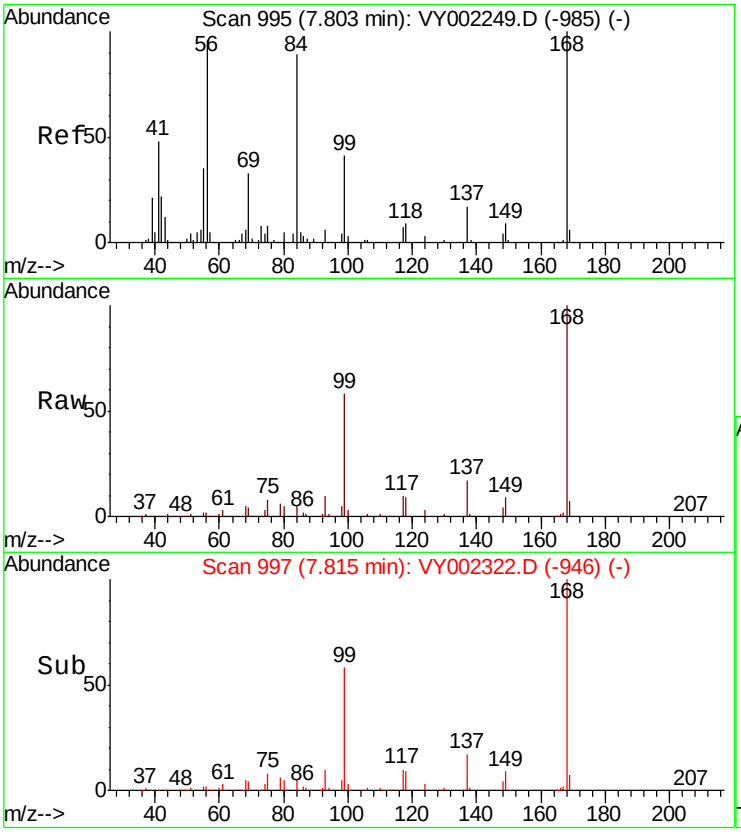
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY041420\
Data File : VY002322.D
Acq On : 14 Apr 2020 20:17
Operator : SY/MD
Sample : L2245-01
Misc : 5.41G/5ML/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Apr 15 05:38:14 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 08 15:15:02 2020
Response via : Initial Calibration



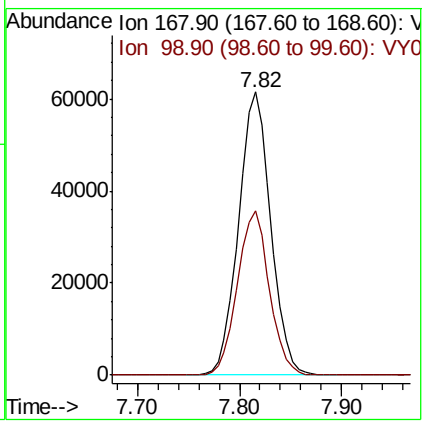


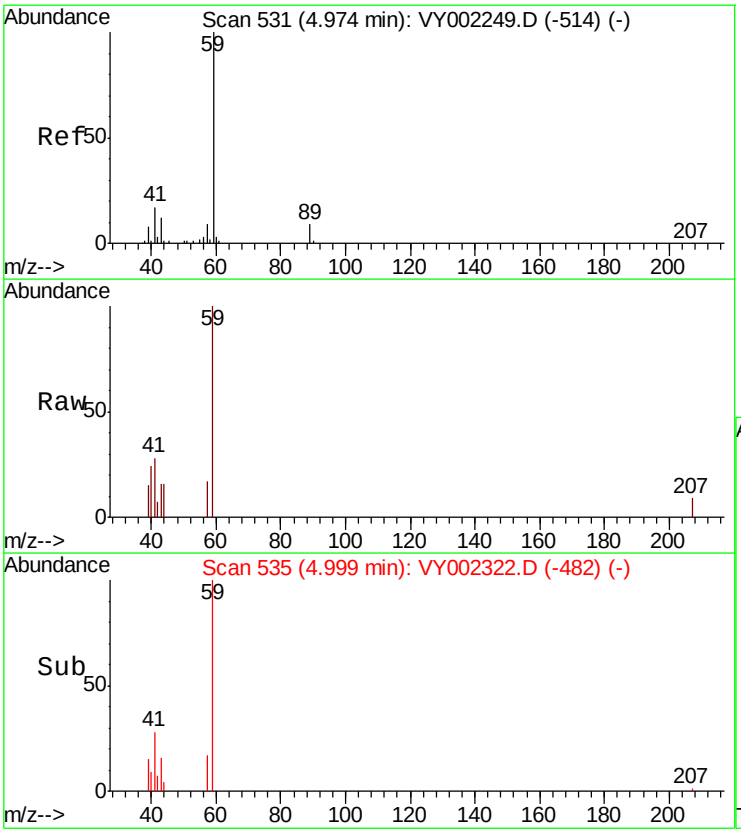
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.82 min Scan# 997
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 134691

Ion	Ratio	Lower	Upper
168	100		
99	58.1	48.0	72.0

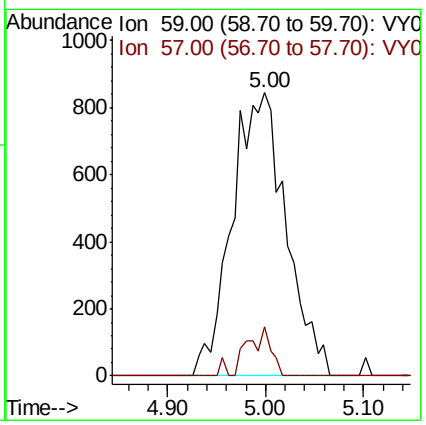


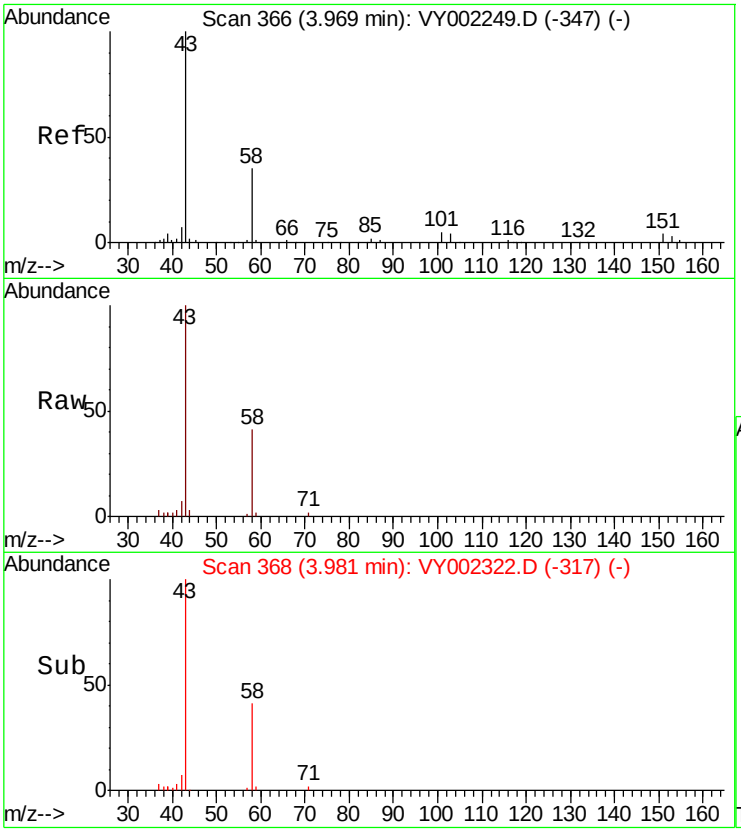


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.00 min Scan# 535
Delta R.T. 0.02 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 59 Resp: 3247

Ion	Ratio	Lower	Upper
59	100		
57	4.1	6.6	9.8#



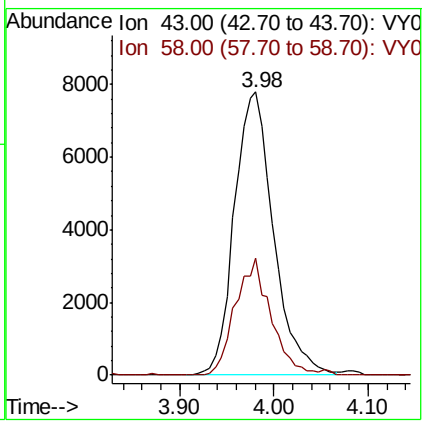


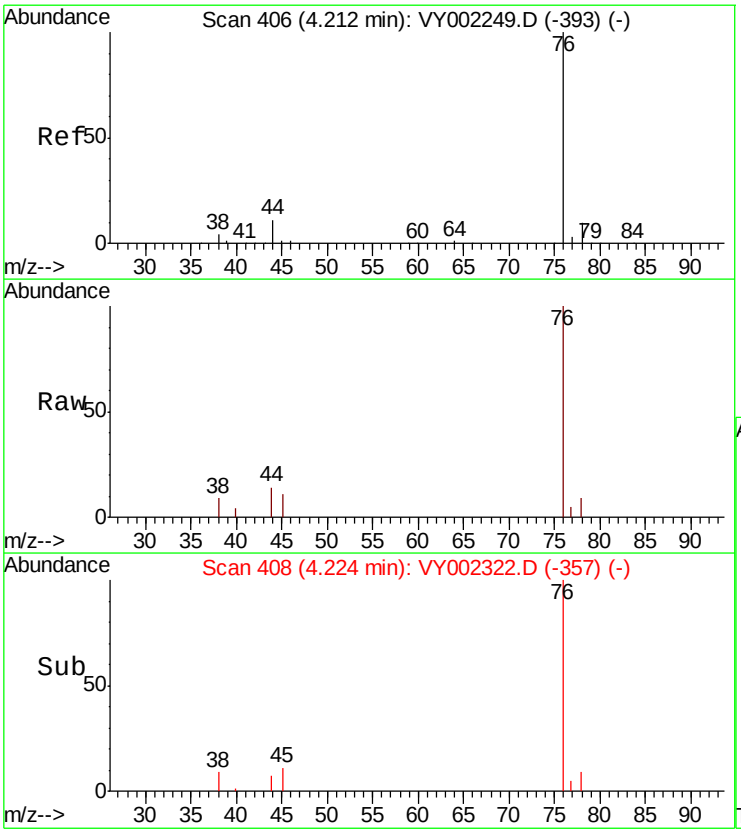
#16
Acetone
Concen: 57.377 ug/l
RT: 3.98 min Scan# 368
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 22636

Ion	Ratio	Lower	Upper
43	100		
58	41.4	28.5	42.7

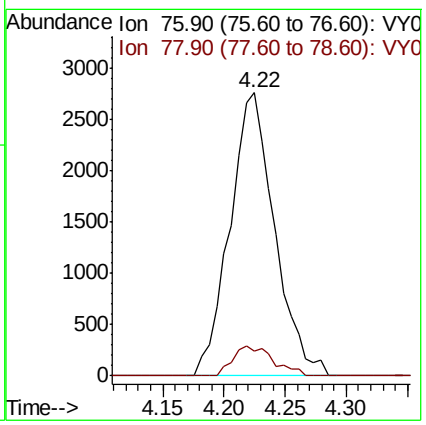


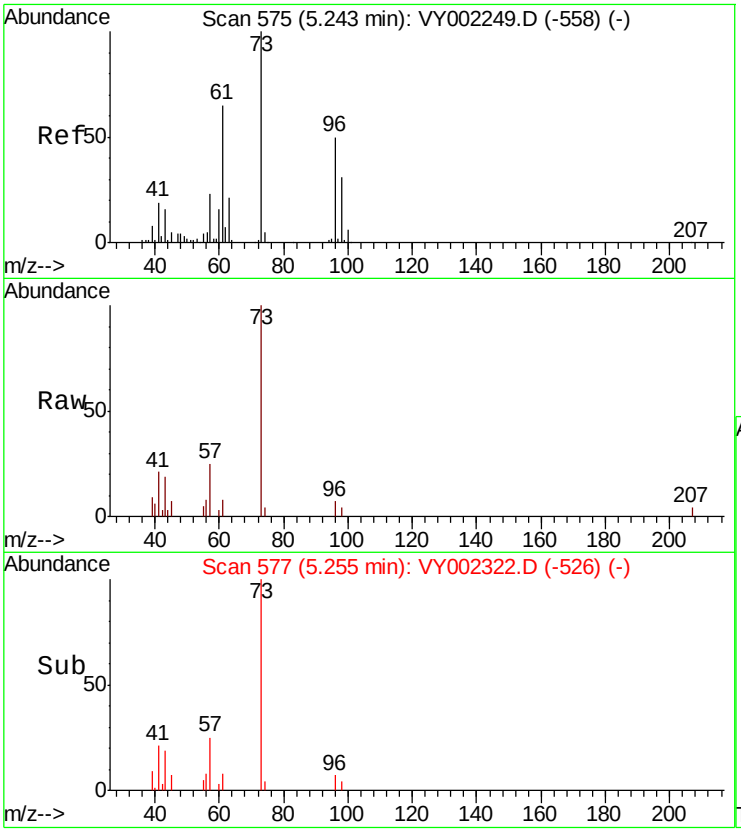


#17
Carbon Disulfide
Concen: 1.297 ug/l
RT: 4.22 min Scan# 408
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 76 Resp: 7008

Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.7	11.5



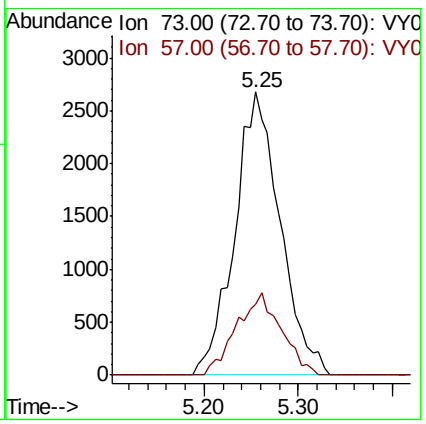


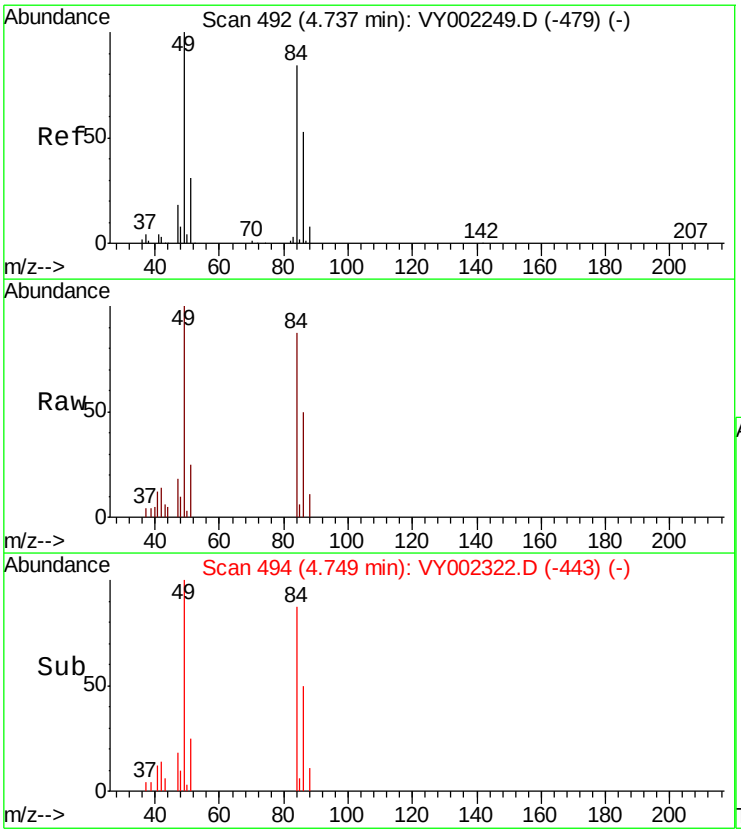
#19
Methyl tert-butyl Ether
Concen: 2.108 ug/l
RT: 5.25 min Scan# 577
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 9013

Ion	Ratio	Lower	Upper
73	100		
57	25.2	18.7	28.1

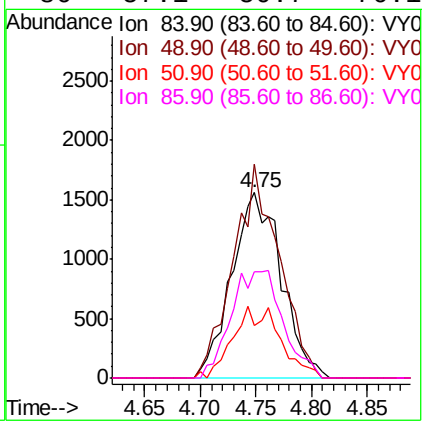


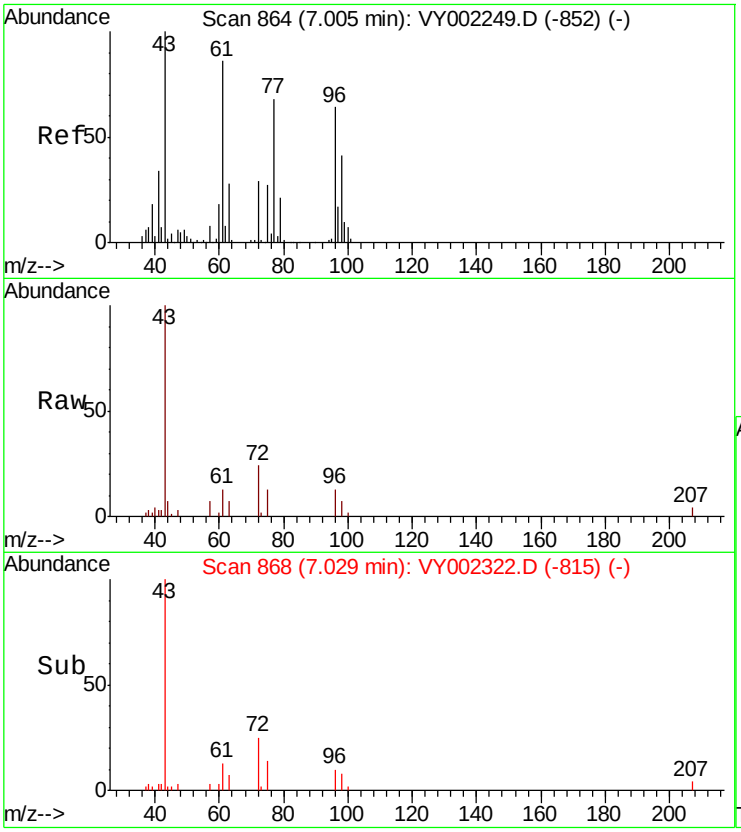


#20
Methylene Chloride
Concen: 2.500 ug/l
RT: 4.75 min Scan# 494
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 84 Resp: 4847

Ion	Ratio	Lower	Upper
84	100		
49	115.2	95.5	143.3
51	28.5	29.5	44.3#
86	57.1	50.7	76.1



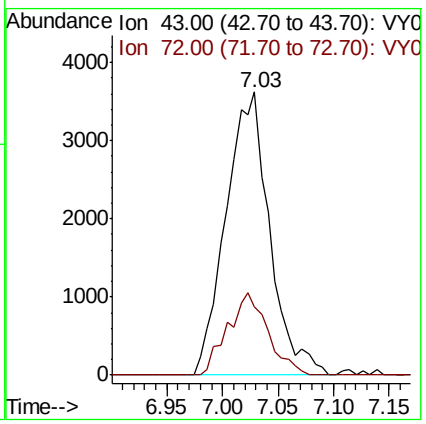


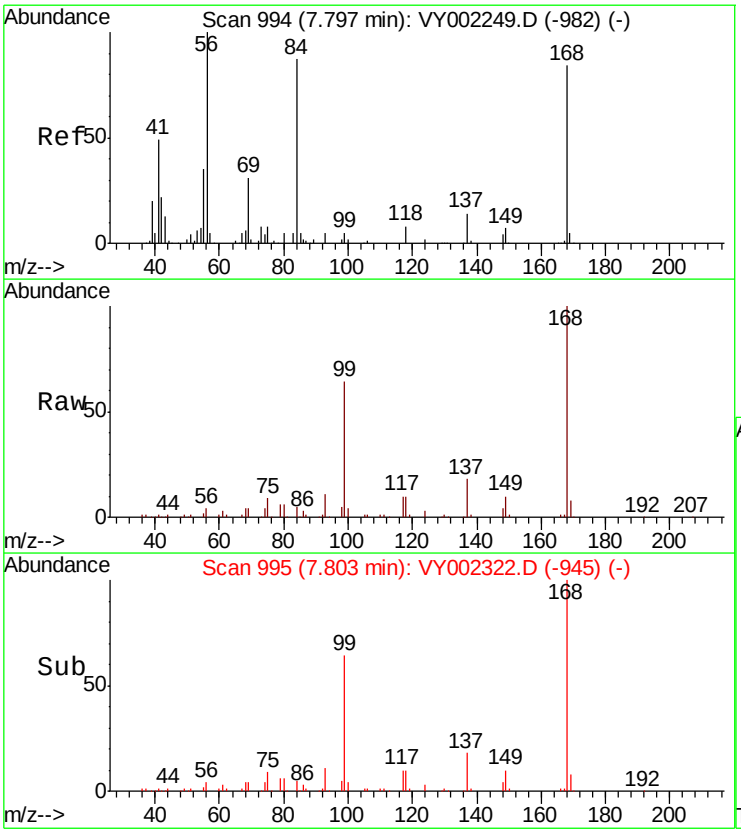
#25
2-Butanone
Concen: 15.777 ug/l
RT: 7.03 min Scan# 868
Delta R.T. 0.02 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 9850

Ion	Ratio	Lower	Upper
43	100		
72	24.3	23.2	34.8

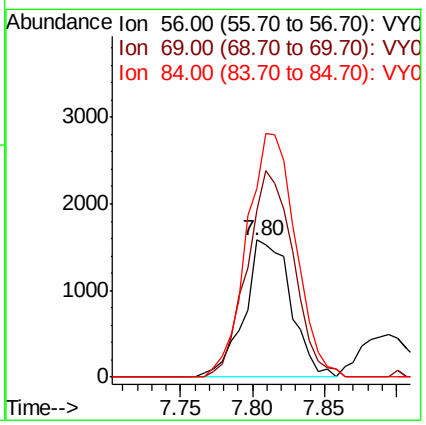


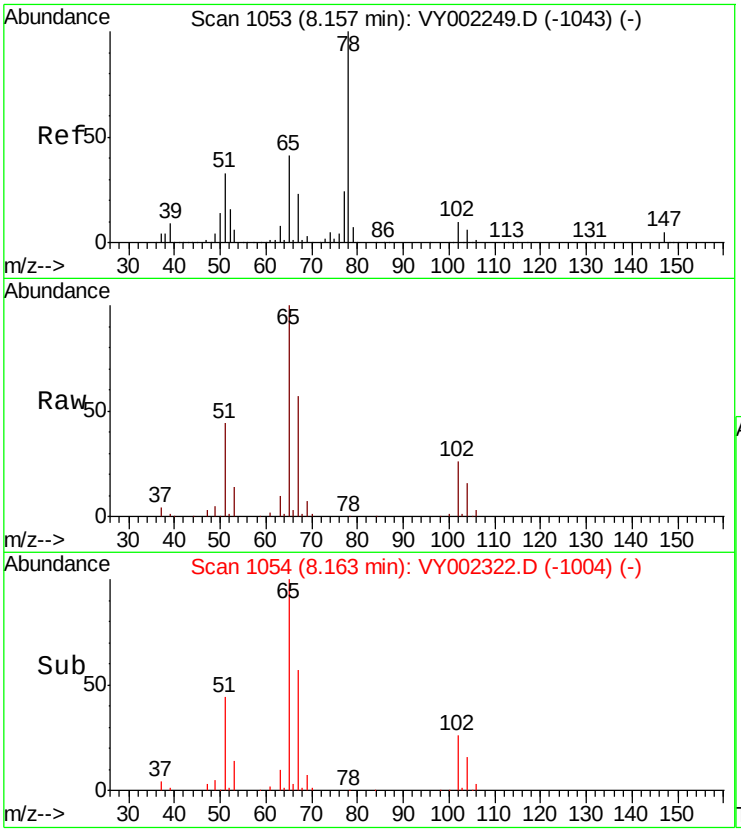


#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 56 Resp: 3531

Ion	Ratio	Lower	Upper
56	100		
69	121.5	25.0	37.6#
84	137.3	69.7	104.5#



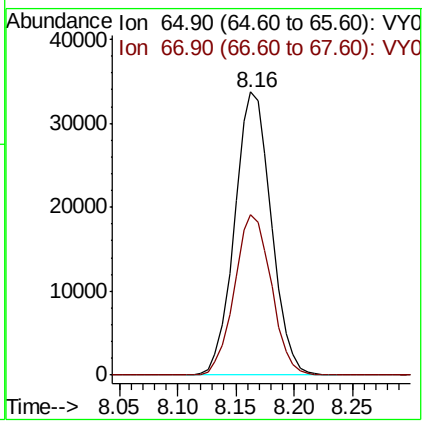


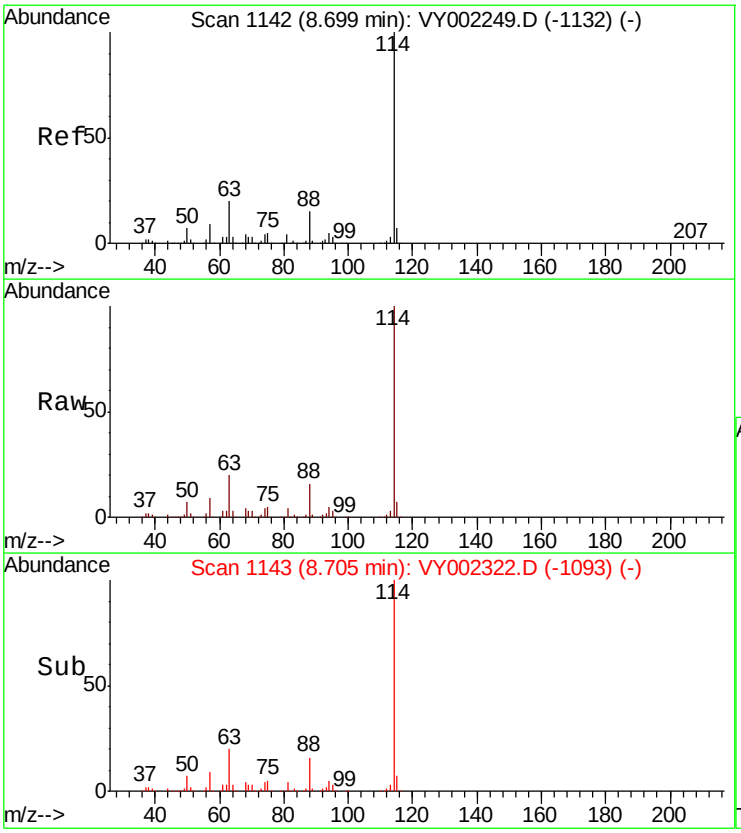
#33
1,2-Dichloroethane-d4
Concen: 49.332 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 73893

Ion	Ratio	Lower	Upper
65	100		
67	57.2	0.0	114.0

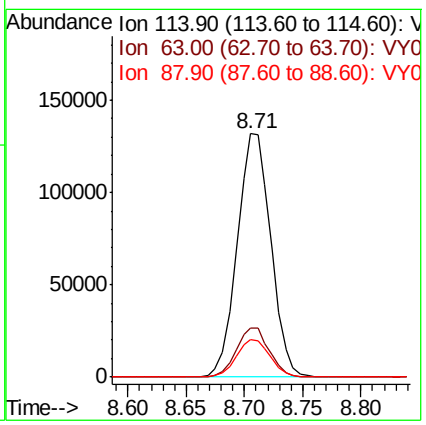


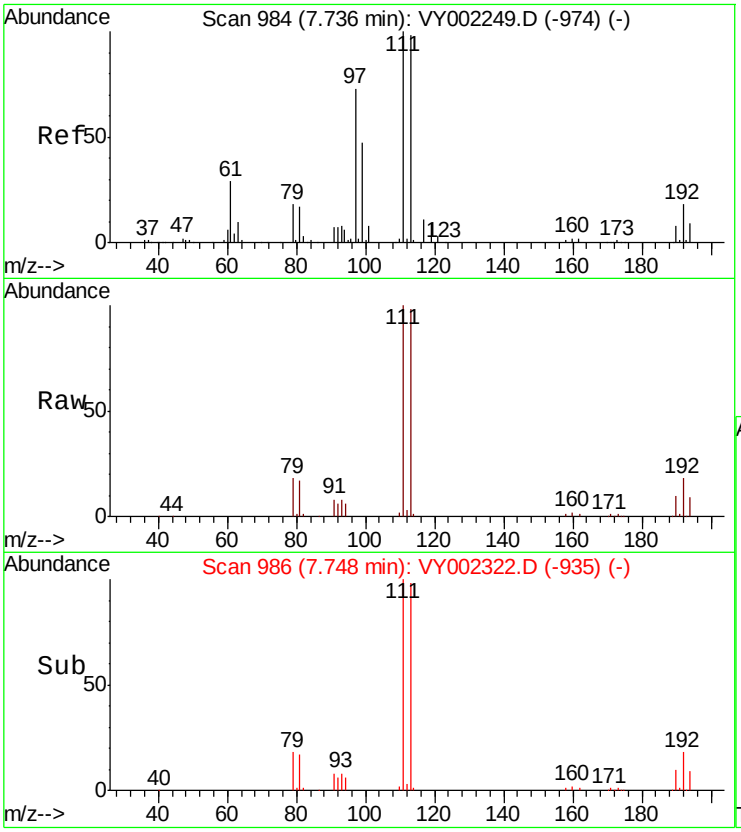


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion:114 Resp: 265368

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.6	0.0	31.0



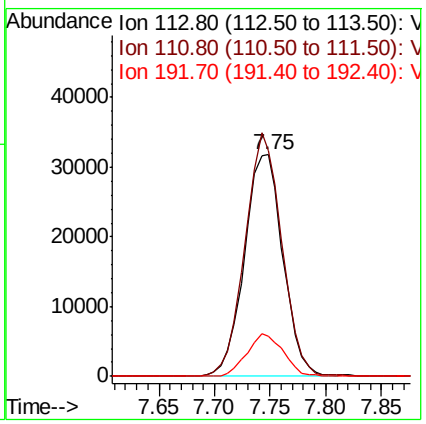


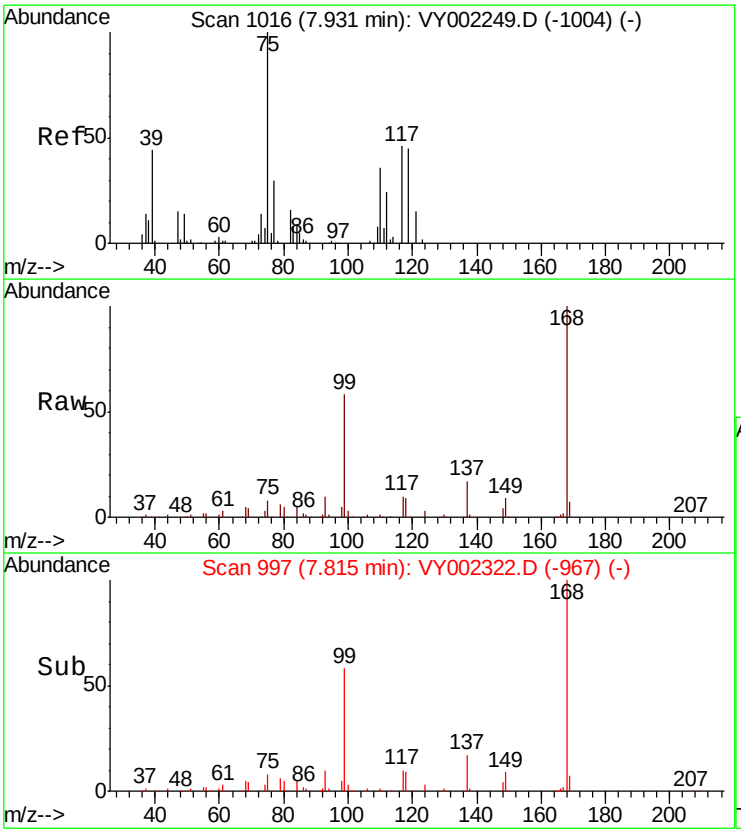
#35
Dibromofluoromethane
Concen: 48.574 ug/l
RT: 7.75 min Scan# 986
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:113 Resp: 76700

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.5	125.3
192	18.2	14.7	22.1

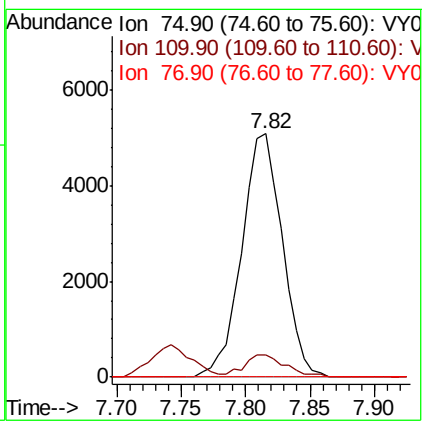


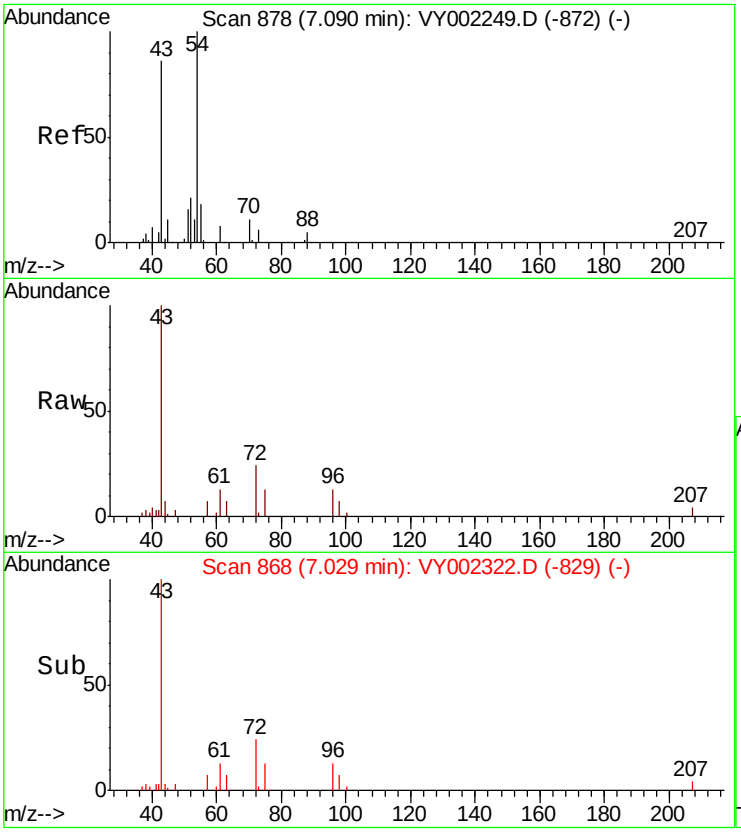


#36
1,1-Dichloropropene
Concen: 4.244 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.12 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 75 Resp: 11093

Ion	Ratio	Lower	Upper
75	100		
110	9.4	17.8	53.3#
77	0.0	24.4	36.6#



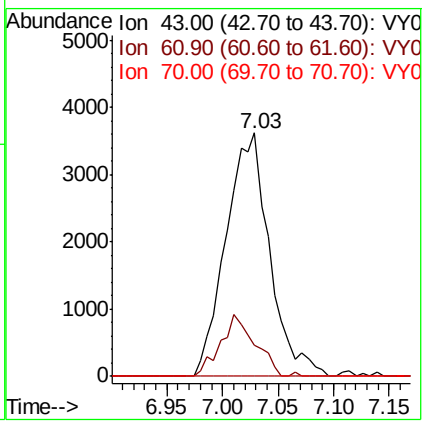


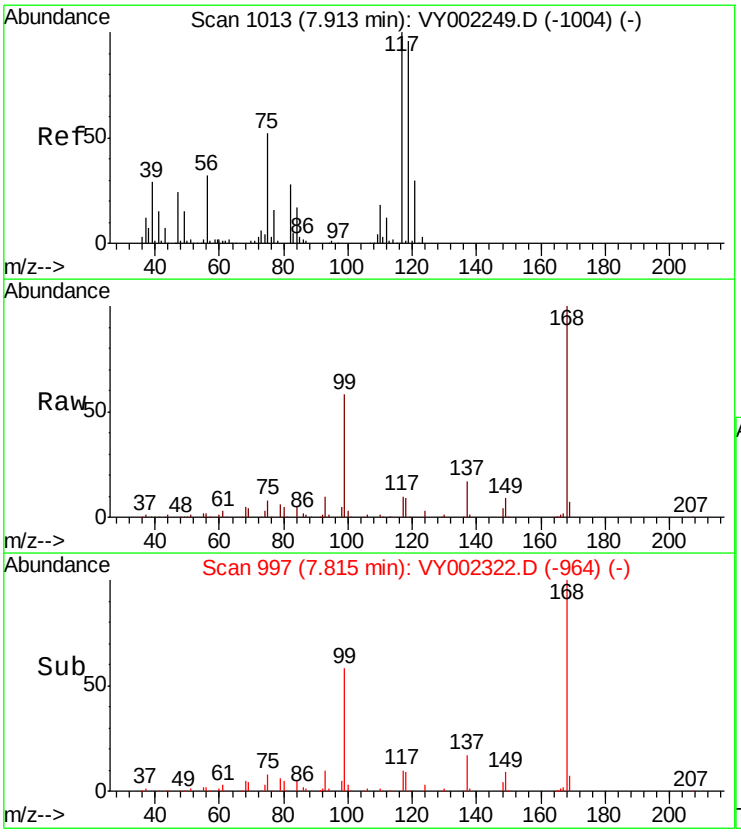
#37
Ethyl Acetate
Concen: 6.596 ug/l
RT: 7.03 min Scan# 868
Delta R.T. -0.06 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument : MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 9850

Ion	Ratio	Lower	Upper
43	100		
61	20.1	11.8	17.6#
70	0.0	9.1	13.7#

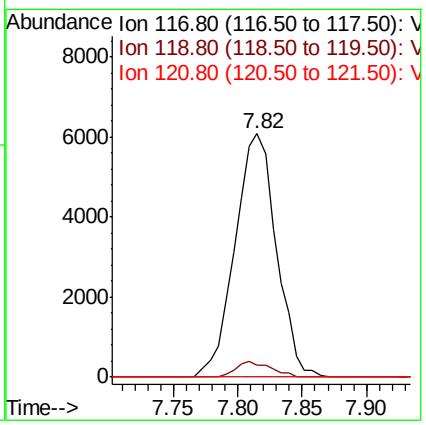


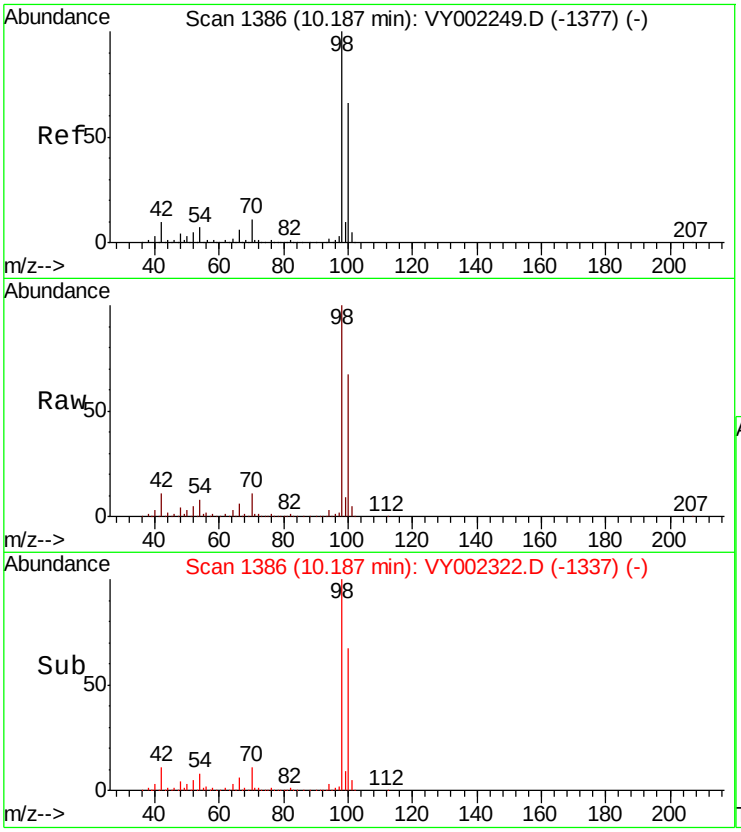


#38
Carbon Tetrachloride
Concen: 6.043 ug/l
RT: 7.82 min Scan# 997
Delta R.T. -0.10 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion:117 Resp: 13510

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.1	115.7#
121	0.0	23.9	35.9#



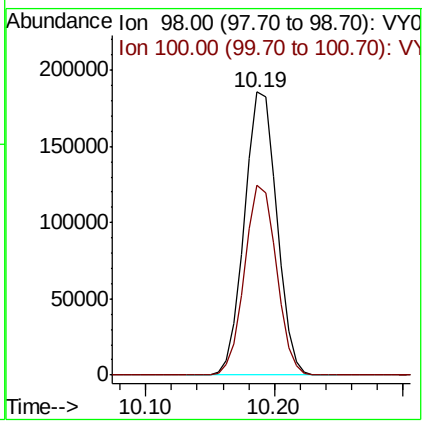


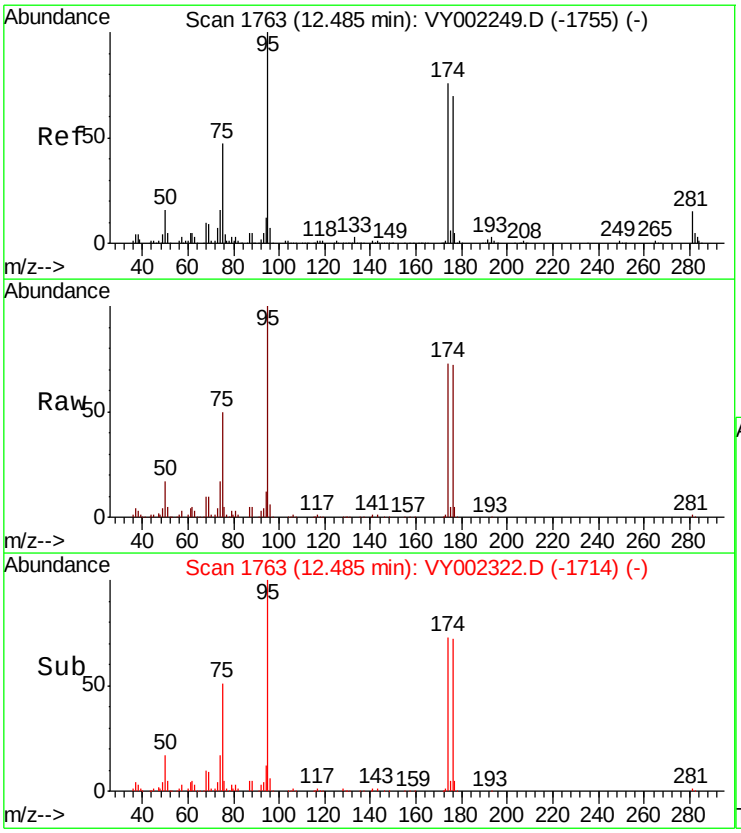
#50
Toluene-d8
Concen: 48.656 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.00 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 98 Resp: 321573

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8

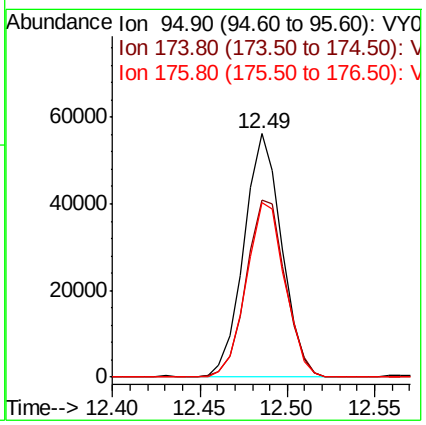


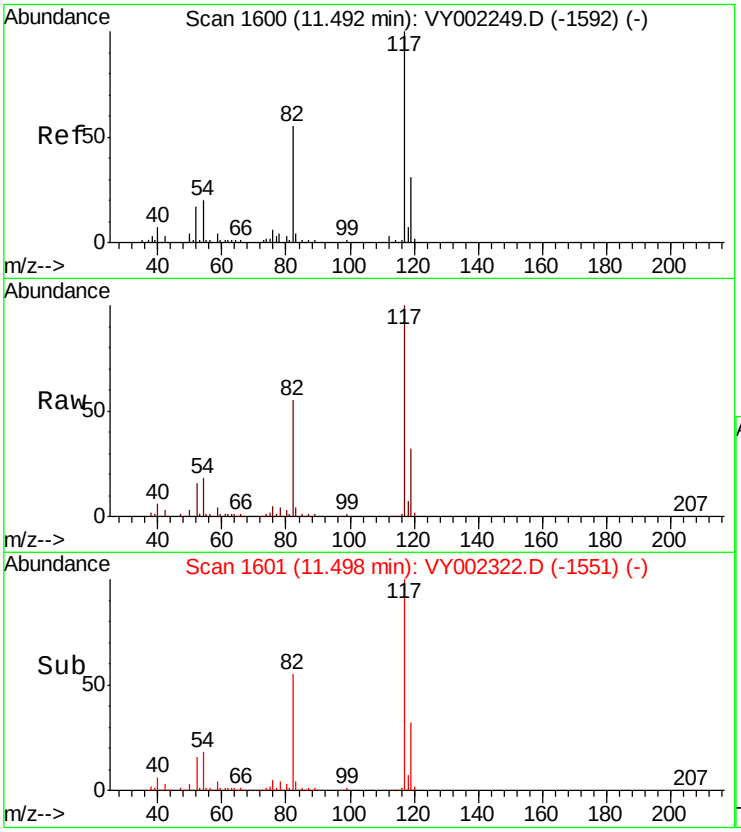


#62
4-Bromofluorobenzene
Concen: 38.623 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 95 Resp: 84216

Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	150.6
176	73.5	0.0	141.4



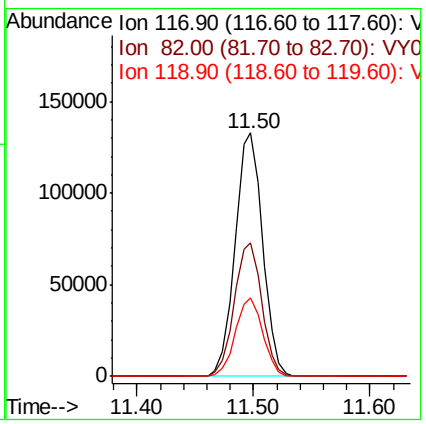


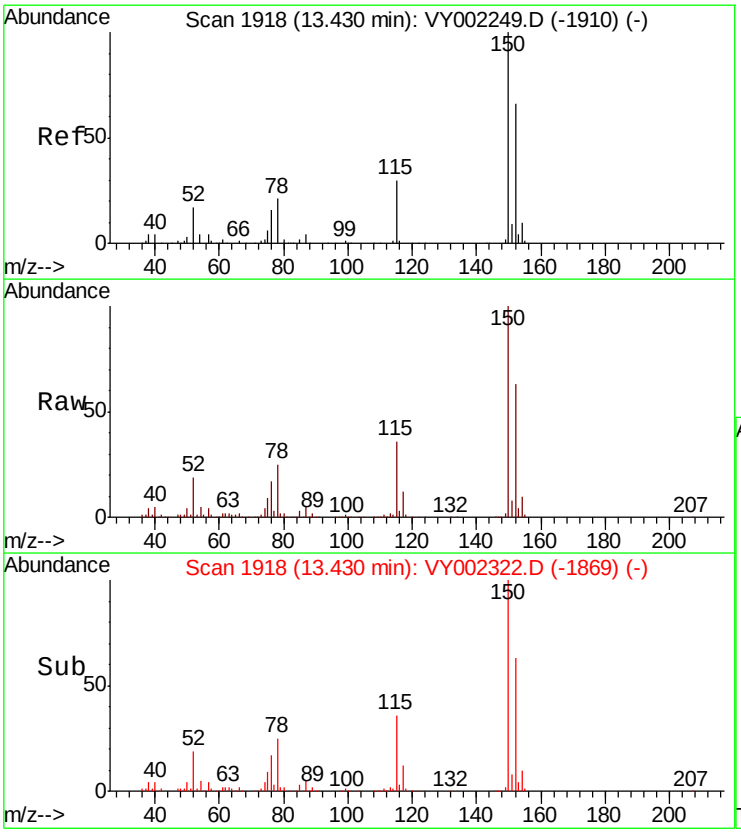
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 218290

Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.2	66.4
119	32.1	25.1	37.7

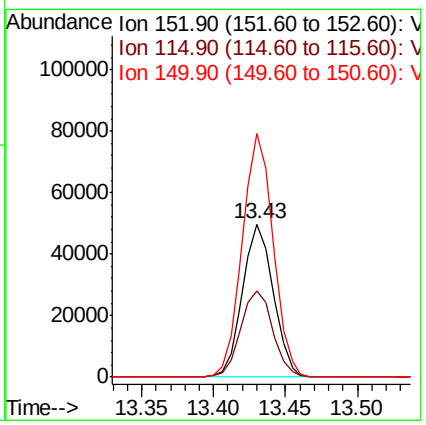


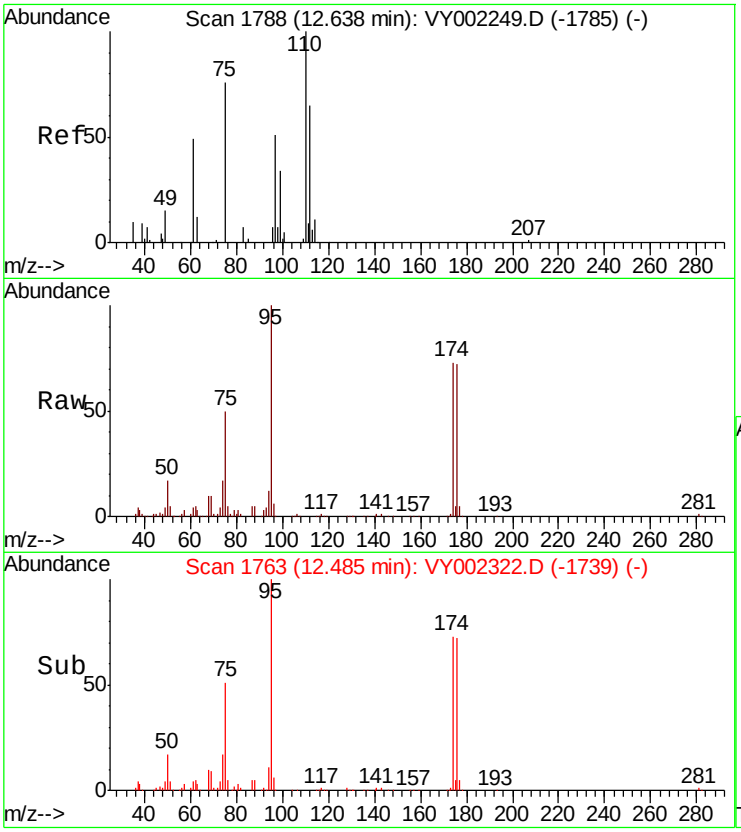


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion:152 Resp: 73649

Ion	Ratio	Lower	Upper
152	100		
115	58.7	30.7	92.1
150	159.8	0.0	350.6



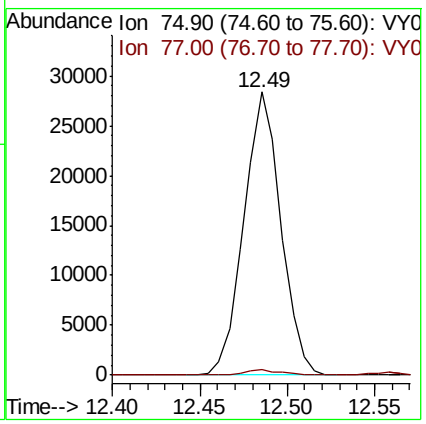


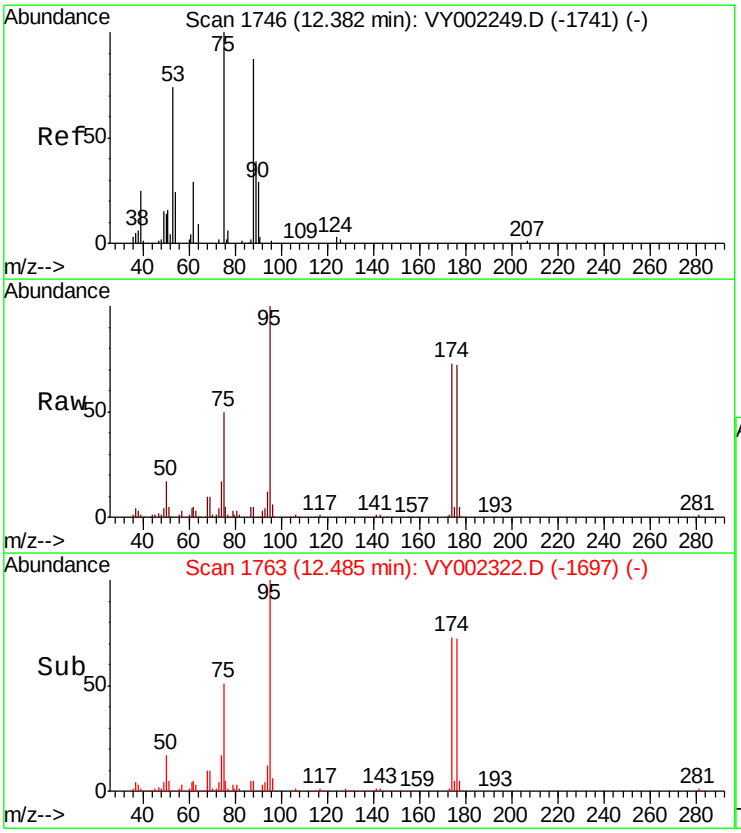
#76
1,2,3-Trichloropropane
Concen: 48.702 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.15 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 41651

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#

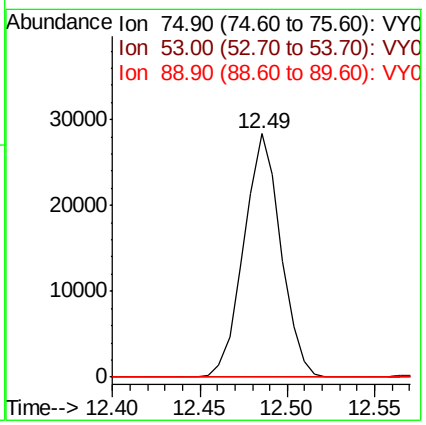


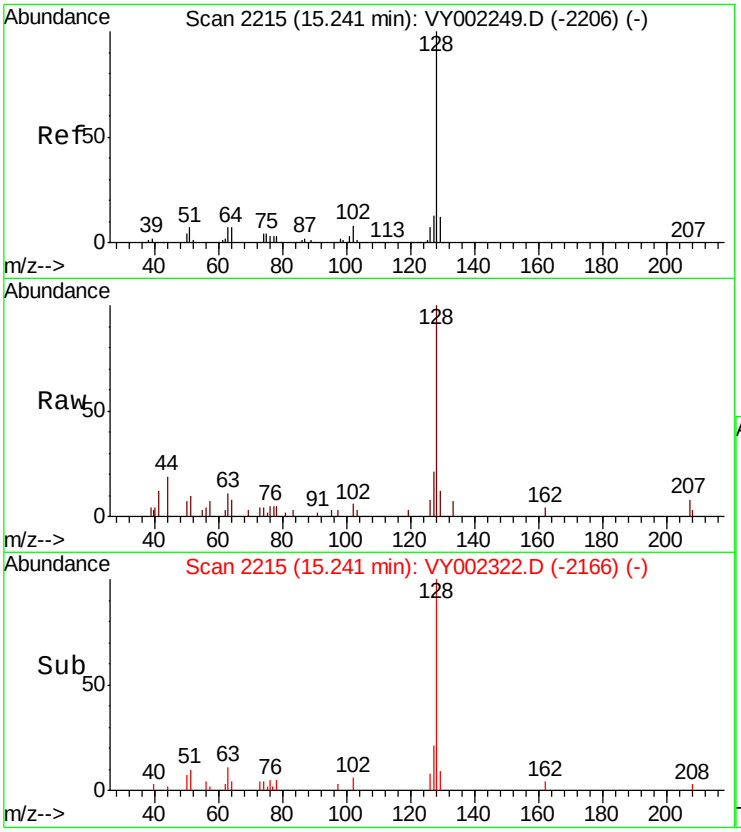


#81
trans-1,4-Dichloro-2-butene
Concen: 94.724 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. 0.10 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Tgt Ion: 75 Resp: 41651

Ion	Ratio	Lower	Upper
75	100		
53	0.1	59.8	89.8#
89	0.0	37.0	55.6#





#95
Naphthalene
Concen: 1.265 ug/l
RT: 15.24 min Scan# 2215
Delta R.T. -0.00 min
Lab File: VY002322.D
Acq: 14 Apr 2020 20:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 4058

Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.1	15.1
129	11.3	8.7	13.1