Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

Quantitation Report (Not Reviewed)

Data File : VY001260.D
Acq On : 16 Jan 2020 12:39
Operator : SY/MD
Sample : VSTD00578
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Quant Time: Jan 17 01:53:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.70	114	312665	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.49	117	285645	25.00	ug/L		0.00
58) 1,4-Dichlorobenzene-d4	13.42	152	135410	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.24	65	20329	4.40	ug/L		0.00
7) Chloroethane-d5	2.76	69	16620	4.08	ug/L		0.00
11) 1,1-Dichloroethene-d2	3.86	63	33952	4.17	ug/L		0.00
21) 2-Butanone-d5	6.91	46	13456	6.35	ug/L		0.00
24) Chloroform-d	7.49	84	27379	3.40	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.15	65	15967	3.32	ug/L		0.00
32) Benzene-d6	8.12	84	60389	3.63	ug/L		0.00
36) 1,2-Dichloropropane-d6	9.13	67	17956	3.53	ug/L		0.00
41) Toluene-d8	10.18	98	55280	3.59	ug/L		0.00
43) trans-1,3-Dichloropropene-	10.44	79	9042	3.55	ug/L		0.00
47) 2-Hexanone-d5	10.79	63	10927	6.66	ug/L		0.00
56) 1,1,2,2-Tetrachloroethane-	12.56	84	18239	3.31	ug/L		0.00
66) 1,2-Dichlorobenzene-d4	13.72	152	18789	3.54	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.90	85	25912	5.841	ug/L		98
3) Chloromethane	2.12	50	27041	4.825	ug/L		98
5) Vinyl chloride	2.25	62	28501	5.364	ug/L		95
6) Bromomethane	2.65	94	16451	6.413	ug/L		96
8) Chloroethane	2.79	64	15867	4.924	ug/L		94
9) Trichlorofluoromethane	3.13	101	32460	4.469	ug/L		99
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	20439	4.806	ug/L		98
12) 1,1-Dichloroethene	3.88	96	20078	4.910	ug/L		94
13) Acetone	3.96	43	20136	9.499	ug/L		99
14) Carbon disulfide	4.20	76	67809	5.198	ug/L		98
15) Methyl Acetate	4.48	43	7814	2.233	ug/L	#	52
16) Methylene chloride	4.72	84	28727	5.766	ug/L		98
17) trans-1,2-Dichloroethene	5.24	96	22898	5.054	ug/L		94
18) Methyl tert-butyl Ether	5.24	73	61448	4.774	ug/L	#	90
19) 1,1-Dichloroethane	6.03	63	38094	4.813	ug/L		96
20) cis-1,2-Dichloroethene	7.00	96	25015	4.947	ug/L		99
22) 2-Butanone	7.00	43	25281	8.298	ug/L		99
23) Bromochloromethane	7.35	128	10608	4.665	ug/L		96
25) Chloroform	7.52	83	38345	4.719	ug/L		97
27) 1,2-Dichloroethane	8.25	62	26360	4.562	ug/L		96
29) Cyclohexane	7.79	56	39007	5.020	ug/L		99
30) 1,1,1-Trichloroethane	7.71	97	31457	4.673	ug/L		99
31) Carbon tetrachloride	7.91	117	28493	4.609	ug/L		98
33) Benzene	8.17	78	90545	4.886	ug/L		100
34) Trichloroethene	8.94	95	22889	4.709	ug/L		96
35) Methylcyclohexane	9.18	83	42766	5.088	ug/L		98
37) 1,2-Dichloropropane	9.22	63	22445	4.750	ug/L		100
38) Bromodichloromethane	9.50	83	29156	4.888	ug/L		99
39) cis-1,3-Dichloropropene	9.93	75	38257	5.047	ug/L		98
40) 4-Methyl-2-pentanone	10.07	43	47105	9.058	ug/L		99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

Quantitation Report (Not Reviewed)

Data File : VY001260.D
Acq On : 16 Jan 2020 12:39
Operator : SY/MD
Sample : VSTD00578
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Quant Time: Jan 17 01:53:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:48:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) Toluene	10.24	91	96676	4.886	ug/L		100
44) trans-1,3-Dichloropropene	10.47	75	31898	4.784	ug/L		97
45) 1,1,2-Trichloroethane	10.64	97	19690	4.935	ug/L		95
46) Tetrachloroethene	10.72	164	17830	4.777	ug/L		92
48) 2-Hexanone	10.83	43	33765	8.237	ug/L		97
49) Dibromochloromethane	10.99	129	20773	4.646	ug/L		91
50) 1,2-Dibromoethane	11.09	107	19358	4.773	ug/L		98
51) Chlorobenzene	11.52	112	61887	4.898	ug/L		97
52) Ethylbenzene	11.59	91	107552	4.772	ug/L		98
53) m,p-Xylene	11.70	106	41686	4.832	ug/L		100
54) o-Xylene	12.03	106	40222	4.820	ug/L		96
55) Styrene	12.04	104	69202	4.858	ug/L		99
57) 1,1,2,2-Tetrachloroethane	12.58	83	27002	4.937	ug/L		99
59) Bromoform	12.20	173	13195	4.647	ug/L		99
60) Isopropylbenzene	12.33	105	103191	4.823	ug/L		99
61) 1,2,3-Trichloropropane	12.63	75	19703	4.649	ug/L		98
62) 1,3,5-Trimethylbenzene	12.81	105	87155	4.988	ug/L	#	61
63) 1,2,4-Trimethylbenzene	13.12	105	84835	4.929	ug/L		99
64) 1,3-Dichlorobenzene	13.36	146	47248	4.952	ug/L		99
65) 1,4-Dichlorobenzene	13.44	146	47974	4.989	ug/L		98
67) 1,2-Dichlorobenzene	13.73	146	43428	4.866	ug/L		97
68) 1,2-Dibromo-3-chloropropan	14.36	75	4895	4.904	ug/L		98
69) 1,3,5-Trichlorobenzene	14.50	180	33666	5.140	ug/L		98
70) 1,2,4-trichlorobenzene	15.00	180	30851	5.173	ug/L		99
71) Naphthalene	15.23	128	81511	5.197	ug/L		100
72) 1,2,3-Trichlorobenzene	15.42	180	28198	5.116	ug/L		99

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

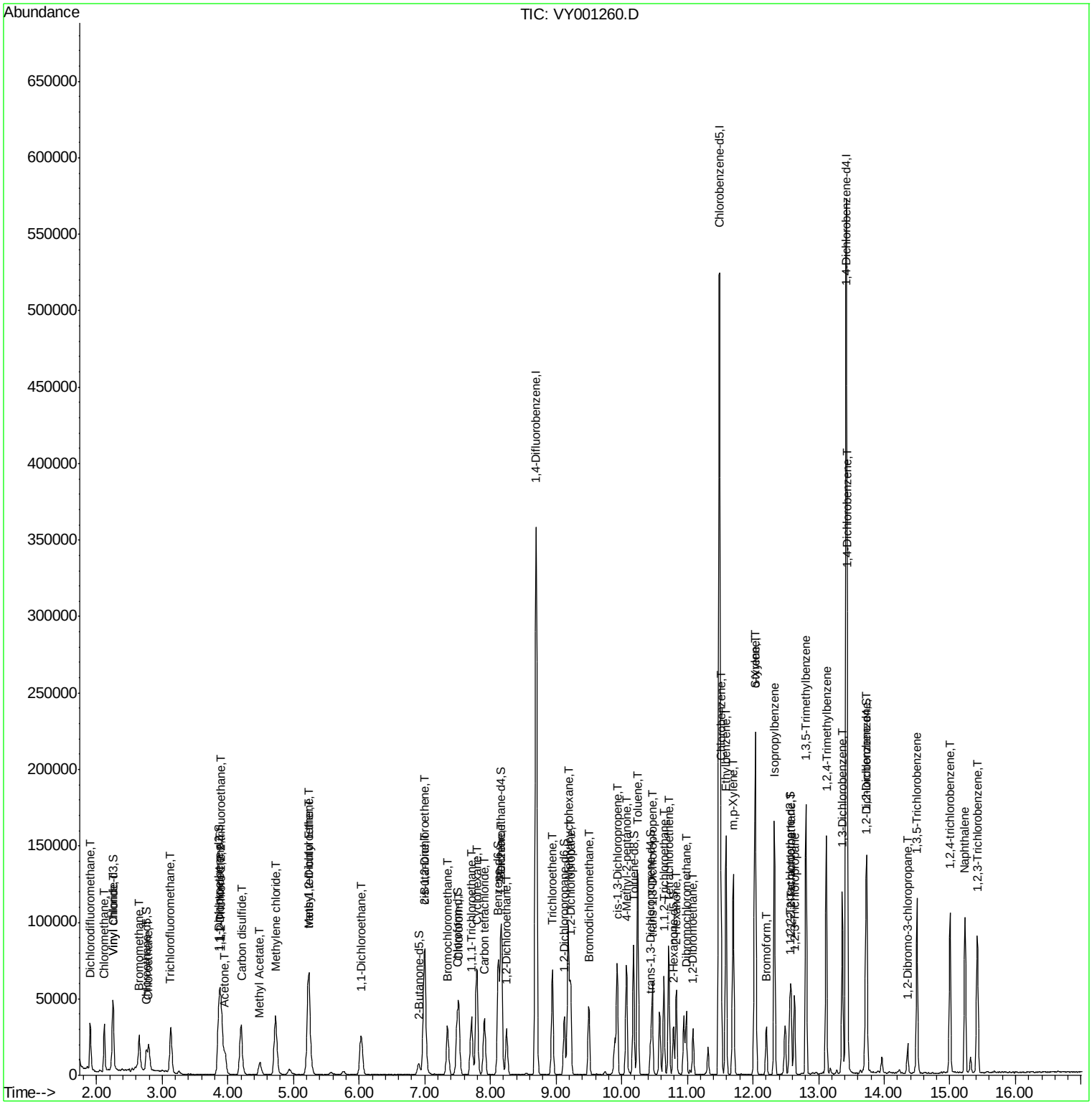
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011620\

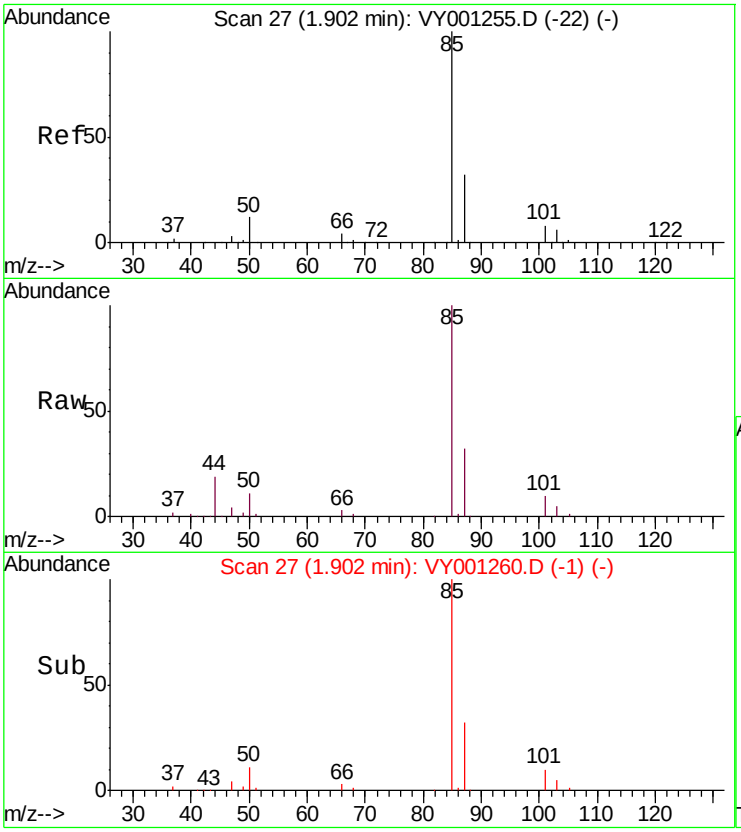
Quantitation Report (Not Reviewed)

Data File : VY001260.D
Acq On : 16 Jan 2020 12:39
Operator : SY/MD
Sample : VSTD00578
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Quant Time: Jan 17 01:53:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM011620SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 17 01:48:20 2020
Response via : Initial Calibration



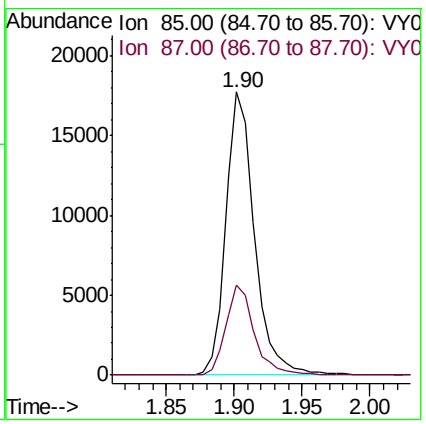


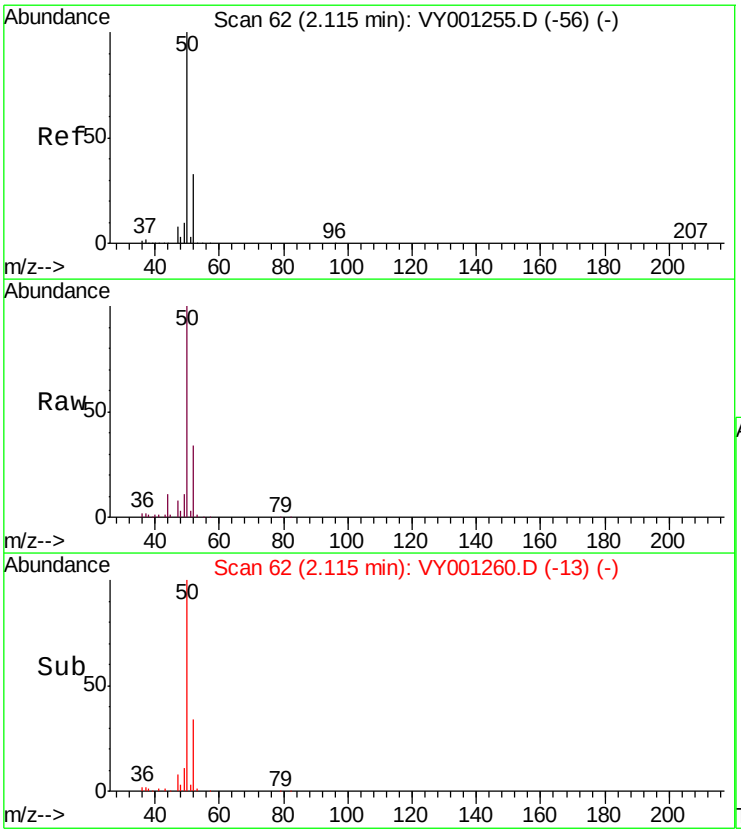
#2
Dichlorodifluoromethane
Concen: 5.841 ug/L
RT: 1.90 min Scan# 27
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 85 Resp: 25912

Ion	Ratio	Lower	Upper
85	100		
87	31.4	26.1	39.1

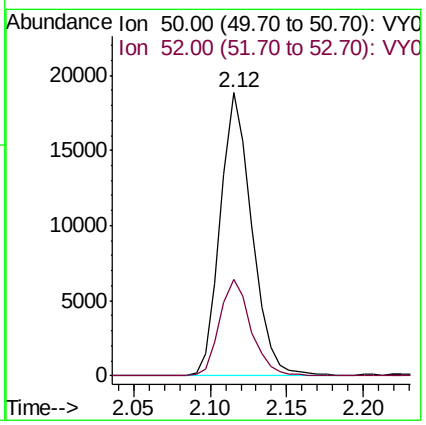


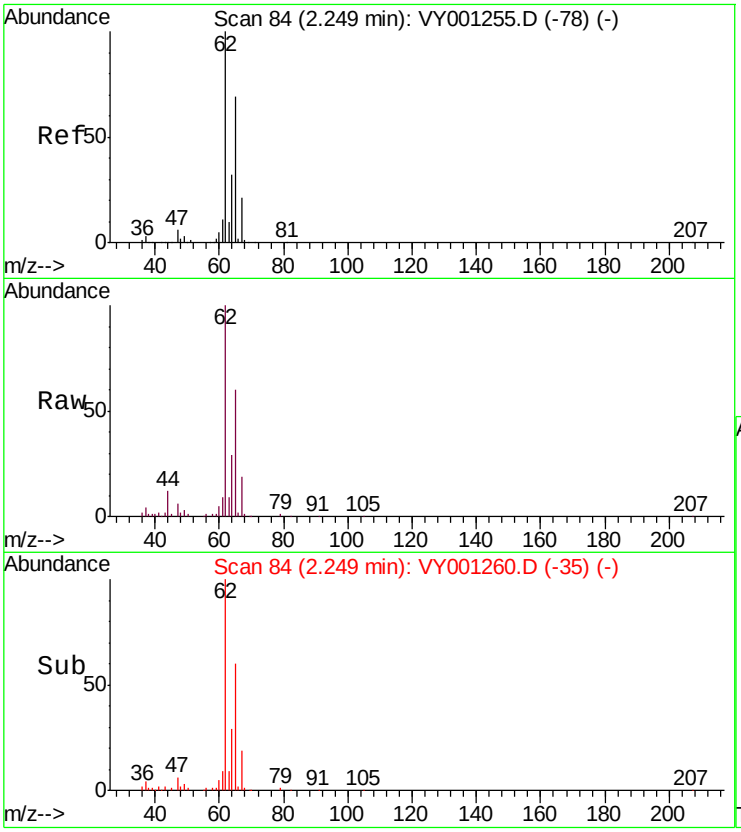


#3
Chloromethane
Concen: 4.825 ug/L
RT: 2.12 min Scan# 62
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 50 Resp: 27041

Ion	Ratio	Lower	Upper
50	100		
52	34.1	23.1	42.9



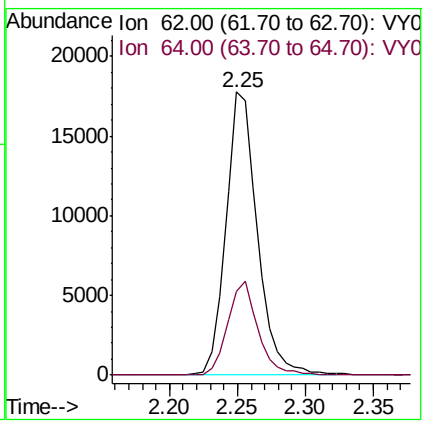


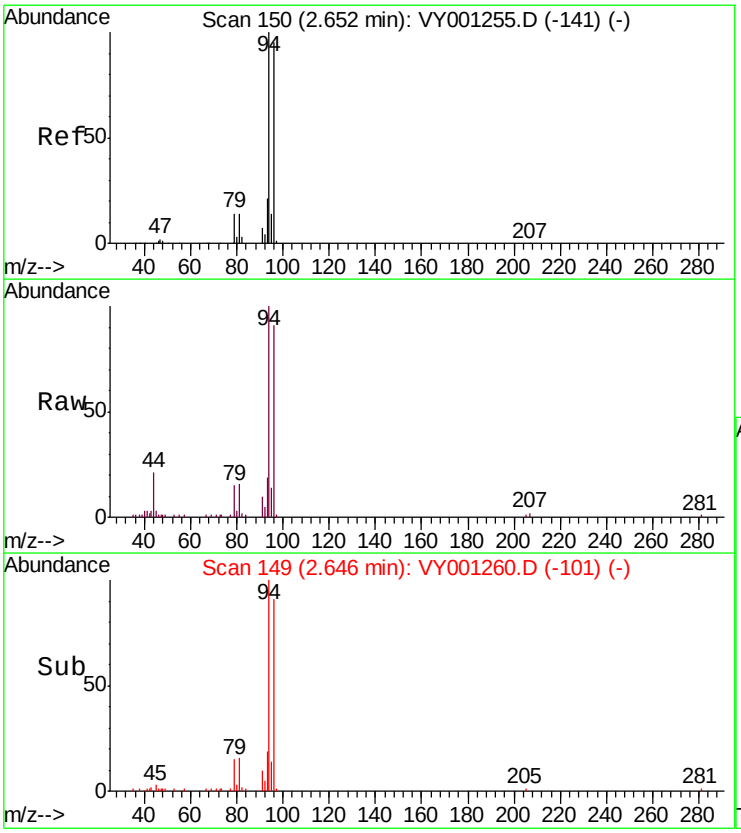
#5
Vinyl chloride
Concen: 5.364 ug/L
RT: 2.25 min Scan# 84
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 62 Resp: 28501

Ion	Ratio	Lower	Upper
62	100		
64	29.4	22.7	42.1

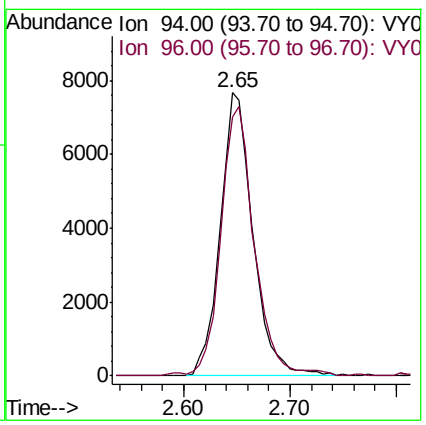


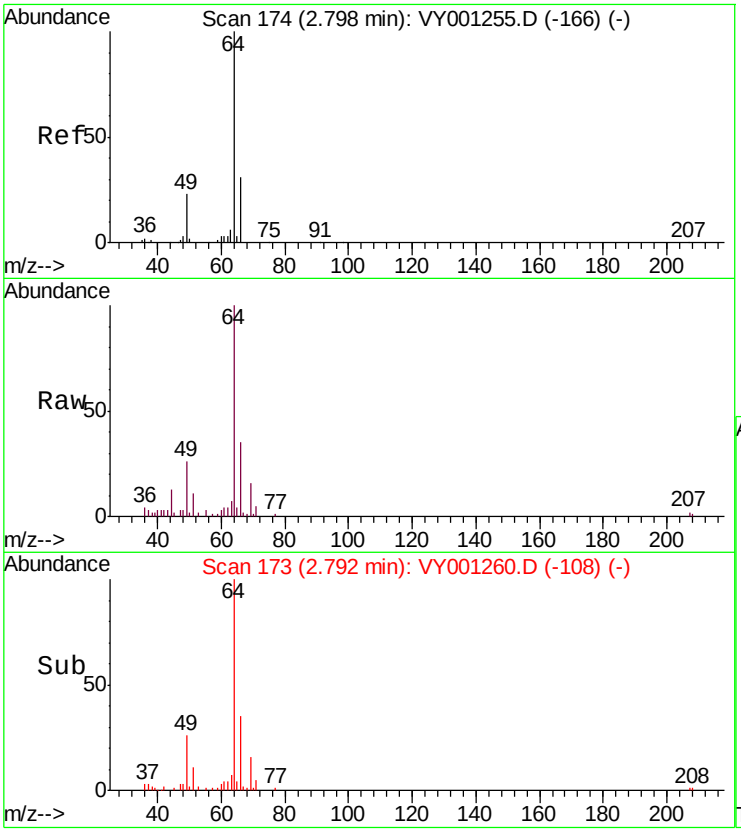


#6
Bromomethane
Concen: 6.413 ug/L
RT: 2.65 min Scan# 149
Delta R.T. -0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 94 Resp: 16451

Ion	Ratio	Lower	Upper
94	100		
96	91.4	66.9	124.3



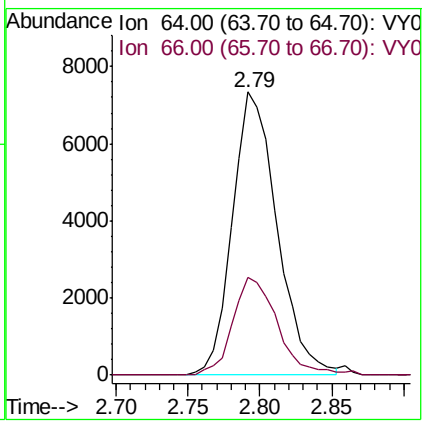


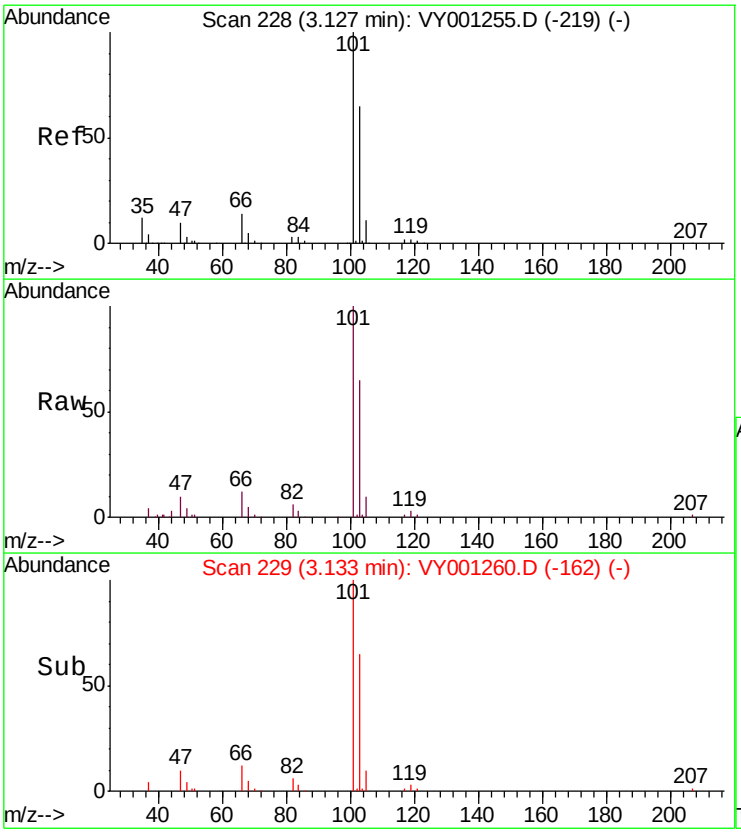
#8
Chloroethane
Concen: 4.924 ug/L
RT: 2.79 min Scan# 173
Delta R.T. -0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 64 Resp: 15867

Ion	Ratio	Lower	Upper
64	100		
66	34.5	21.7	40.3

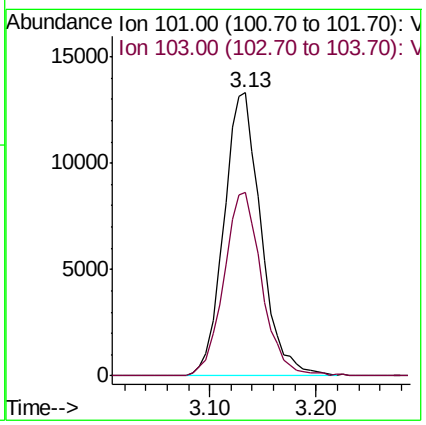


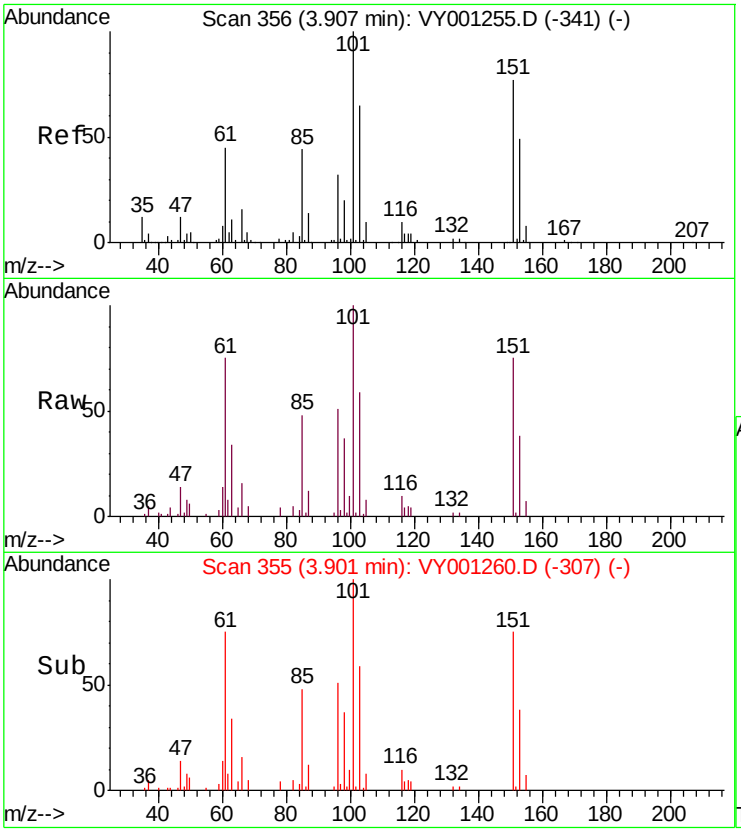


#9
Trichlorofluoromethane
Concen: 4.469 ug/L
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:101 Resp: 32460

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.7	77.5



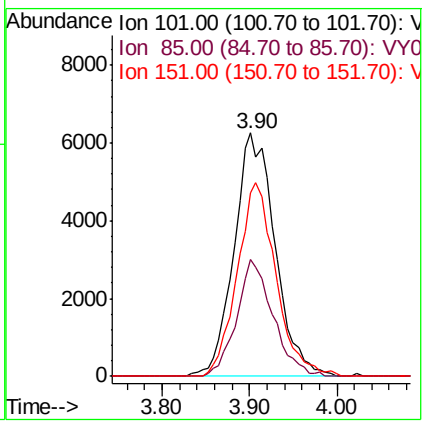


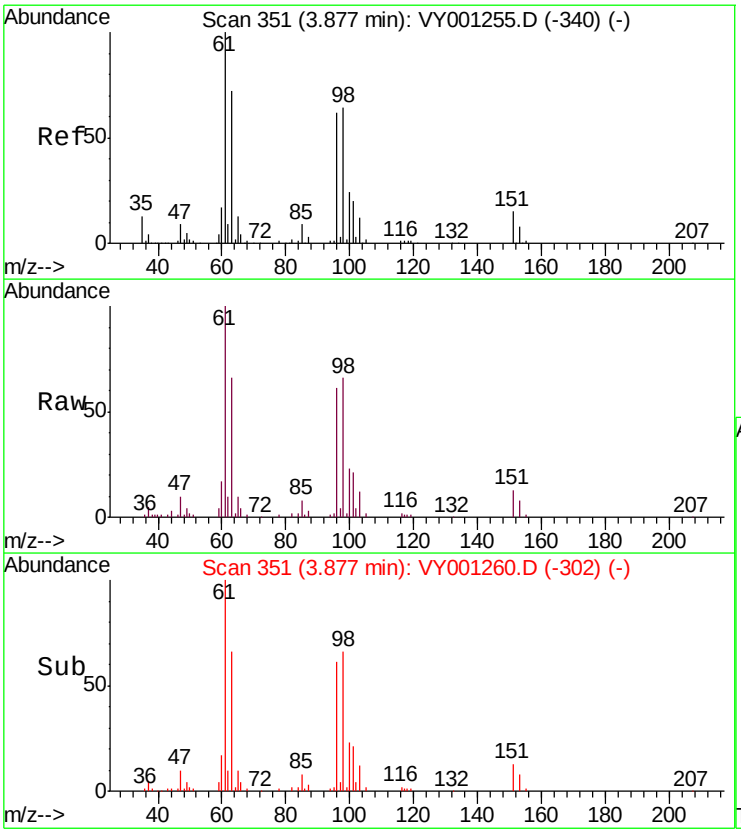
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.806 ug/L
RT: 3.90 min Scan# 355
Delta R.T. -0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion:101 Resp: 20439

Ion	Ratio	Lower	Upper
101	100		
85	42.2	34.8	52.2
151	74.8	60.7	91.1

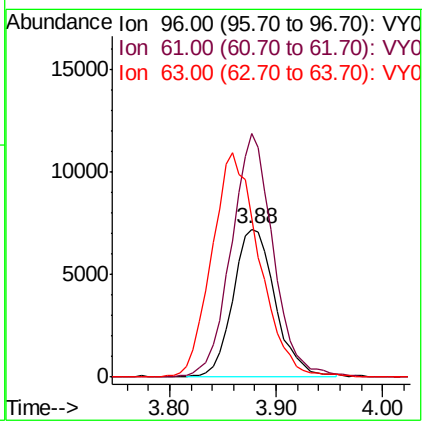


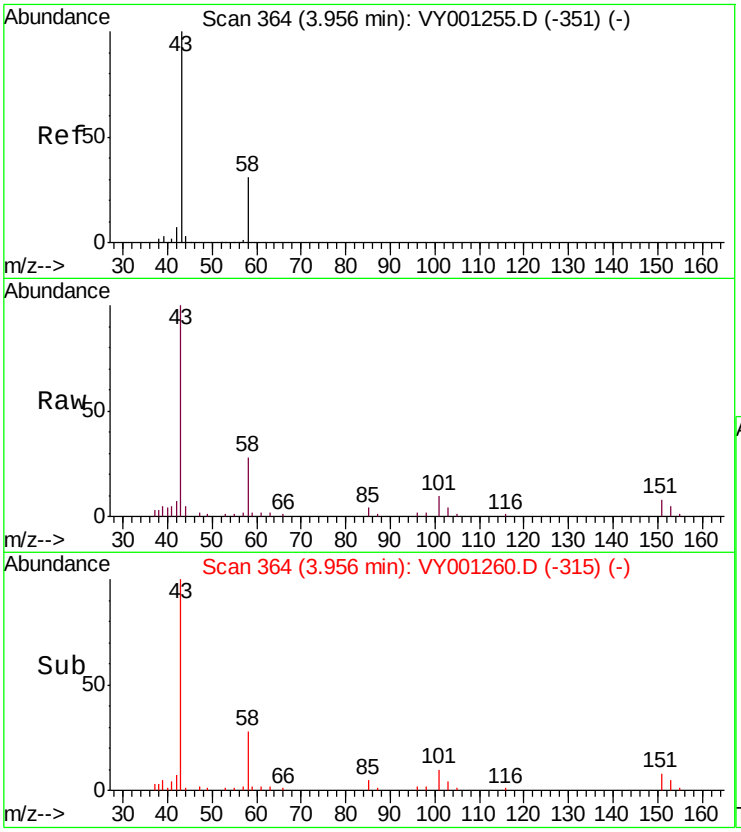


#12
1,1-Dichloroethene
Concen: 4.910 ug/L
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 96 Resp: 20078

Ion	Ratio	Lower	Upper
96	100		
61	164.4	112.9	209.7
63	107.9	84.6	157.0



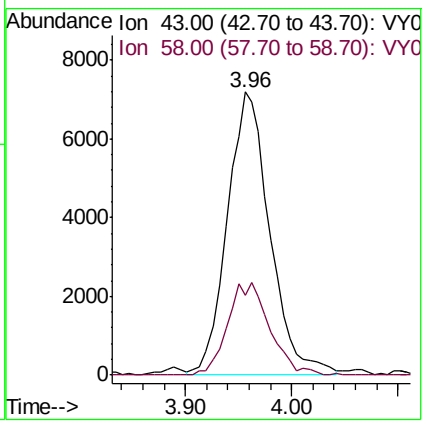


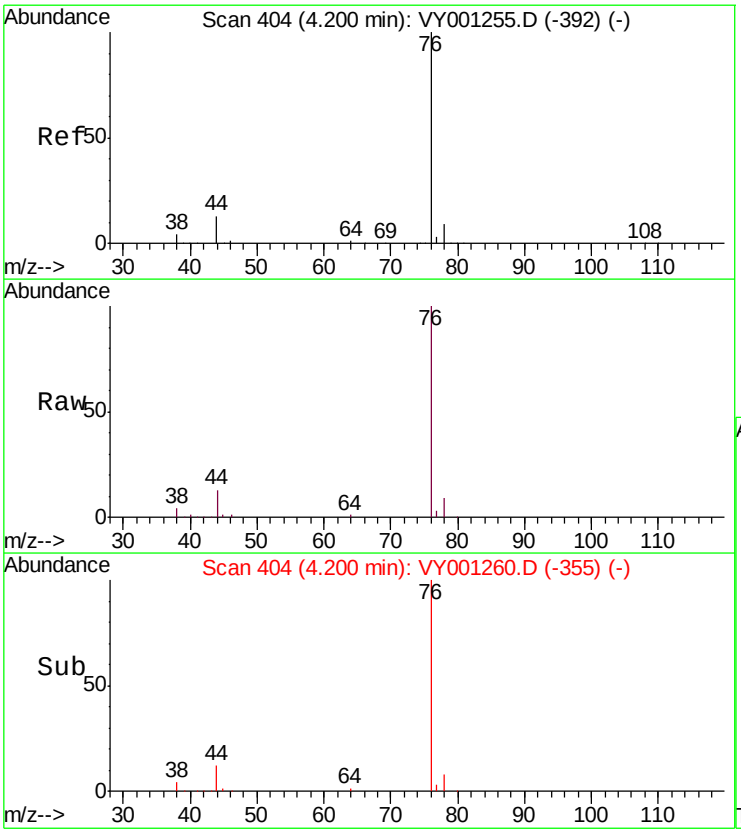
#13
Acetone
Concen: 9.499 ug/L
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion: 43 Resp: 20136

Ion	Ratio	Lower	Upper
43	100		
58	31.5	0.0	64.6

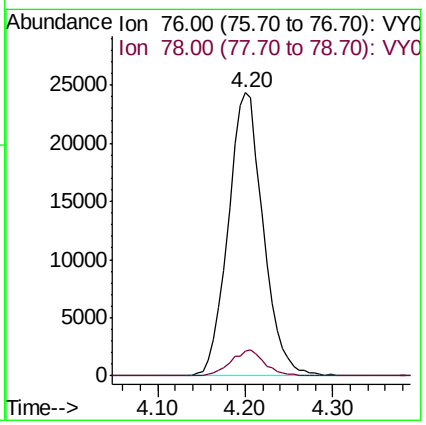


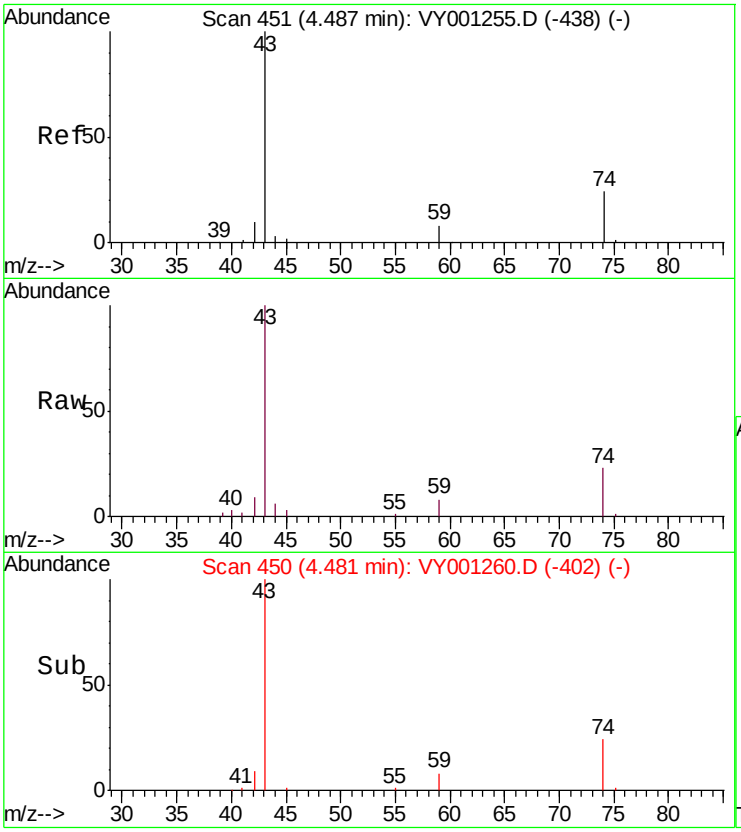


#14
Carbon disulfide
Concen: 5.198 ug/L
RT: 4.20 min Scan# 404
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 76 Resp: 67809

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.2



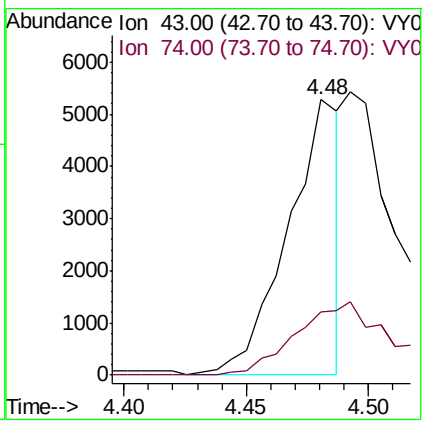


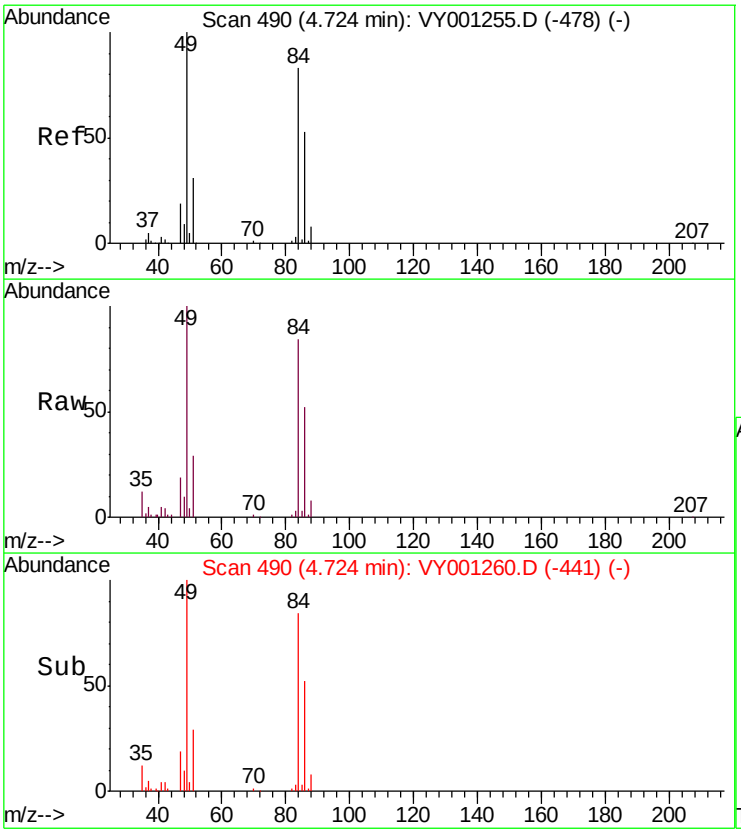
#15
Methyl Acetate
Concen: 2.233 ug/L
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion: 43 Resp: 7814

Ion	Ratio	Lower	Upper
43	100		
74	48.1	19.4	29.2#

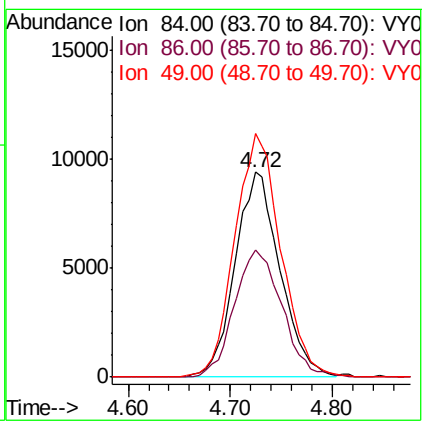


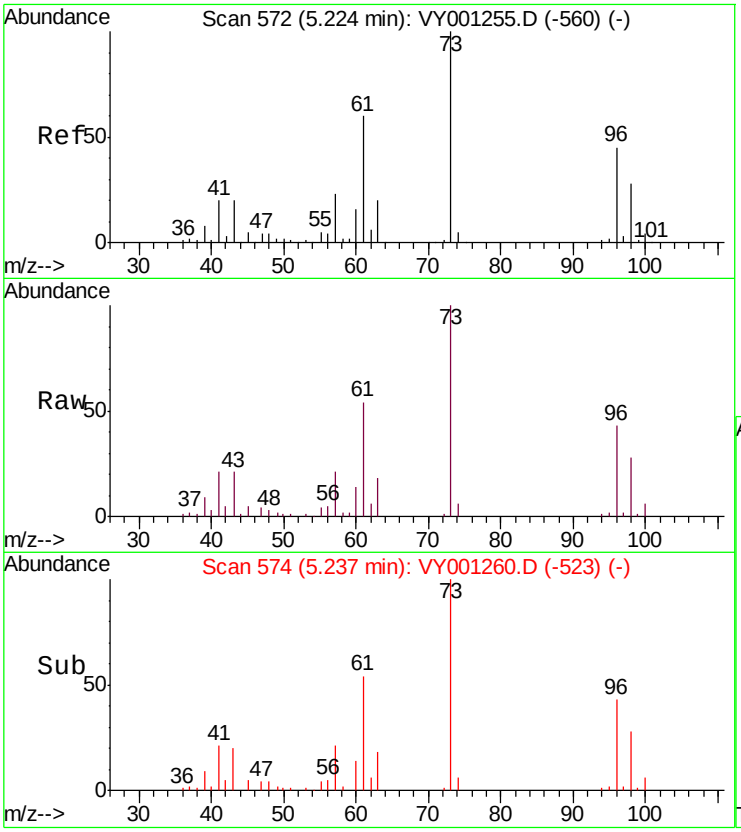


#16
Methylene chloride
Concen: 5.766 ug/L
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 84 Resp: 28727

Ion	Ratio	Lower	Upper
84	100		
86	62.1	44.6	82.8
49	118.9	84.4	156.7



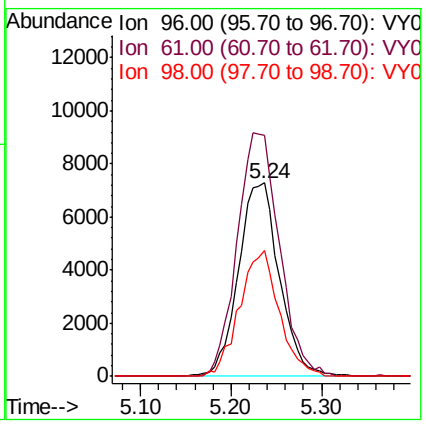


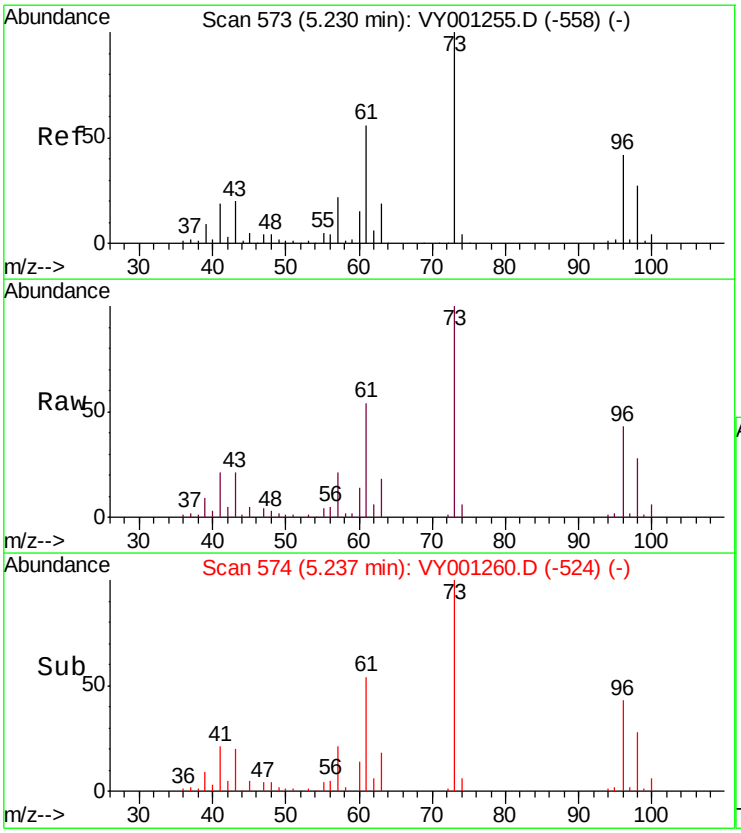
#17
trans-1,2-Dichloroethene
Concen: 5.054 ug/L
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 96 Resp: 22898

Ion	Ratio	Lower	Upper
96	100		
61	125.2	93.2	173.0
98	65.1	43.1	80.1

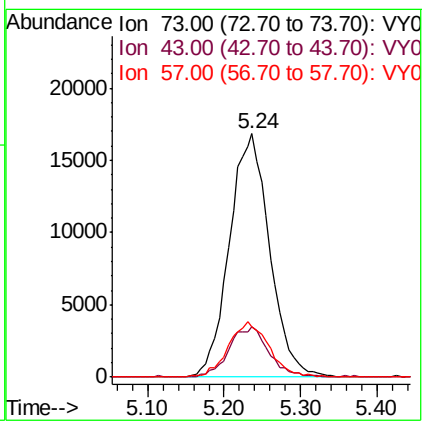


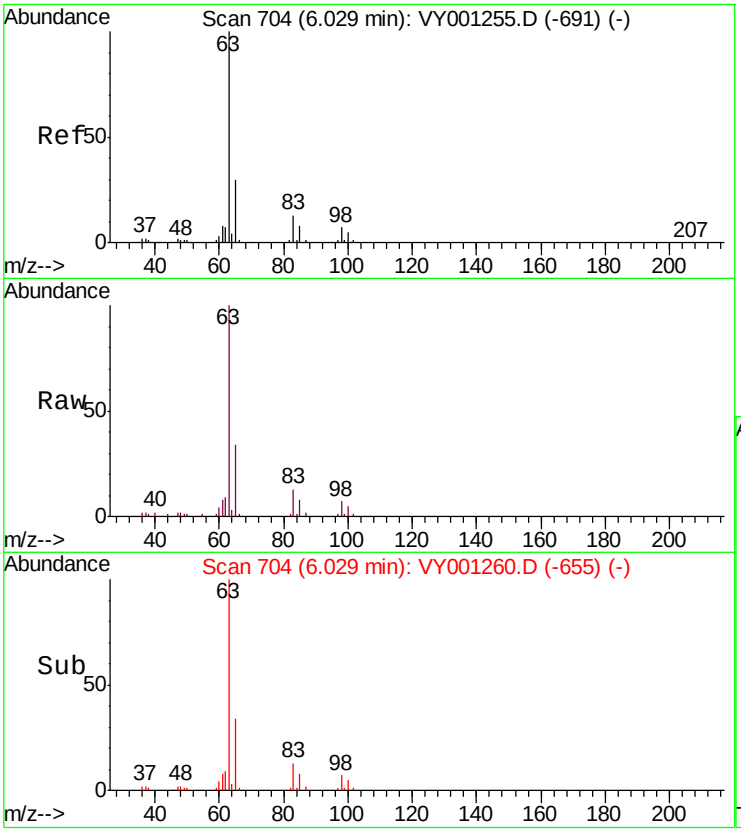


#18
Methyl tert-butyl Ether
Concen: 4.774 ug/L
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 73 Resp: 61448

Ion	Ratio	Lower	Upper
73	100		
43	10.4	15.8	23.6#
57	22.7	18.0	27.0



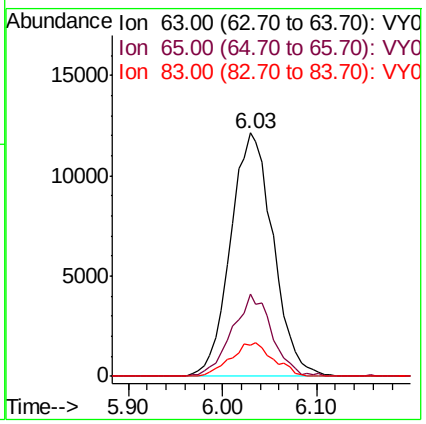


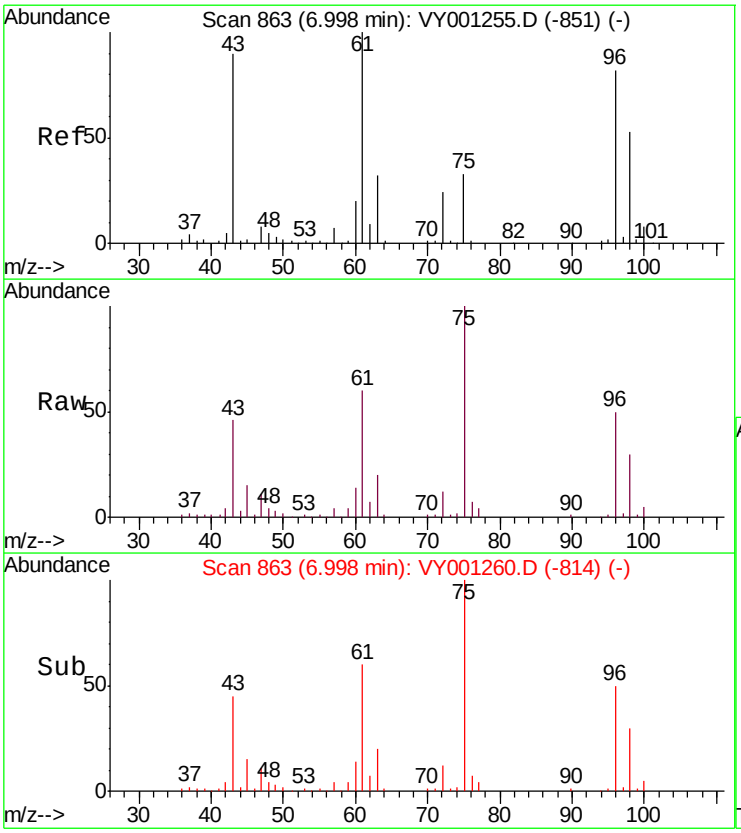
#19
1,1-Dichloroethane
Concen: 4.813 ug/L
RT: 6.03 min Scan# 704
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 63 Resp: 38094

Ion	Ratio	Lower	Upper
63	100		
65	33.6	21.2	39.4
83	13.0	9.4	17.4

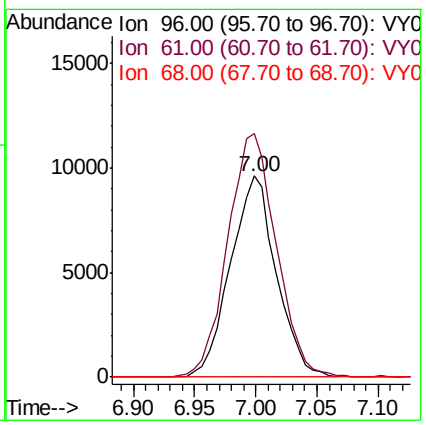


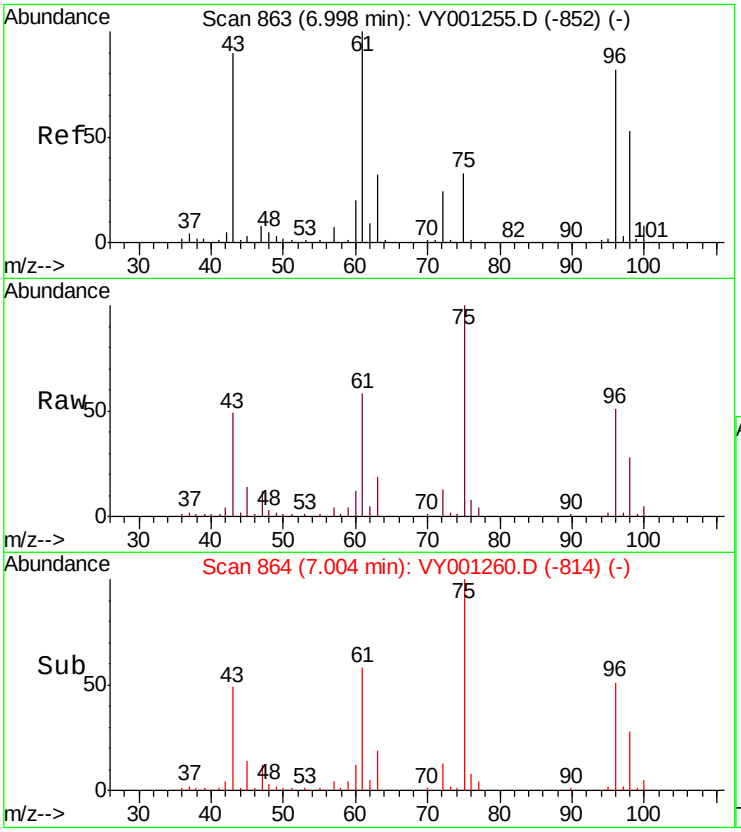


#20
cis-1,2-Dichloroethene
Concen: 4.947 ug/L
RT: 7.00 min Scan# 863
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 96 Resp: 25015

Ion	Ratio	Lower	Upper
96	100		
61	121.1	85.8	159.4
68	0.0	0.0	0.0



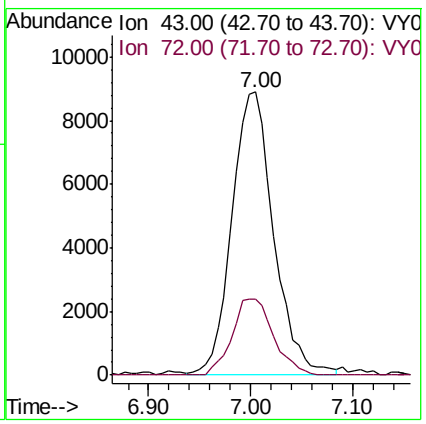


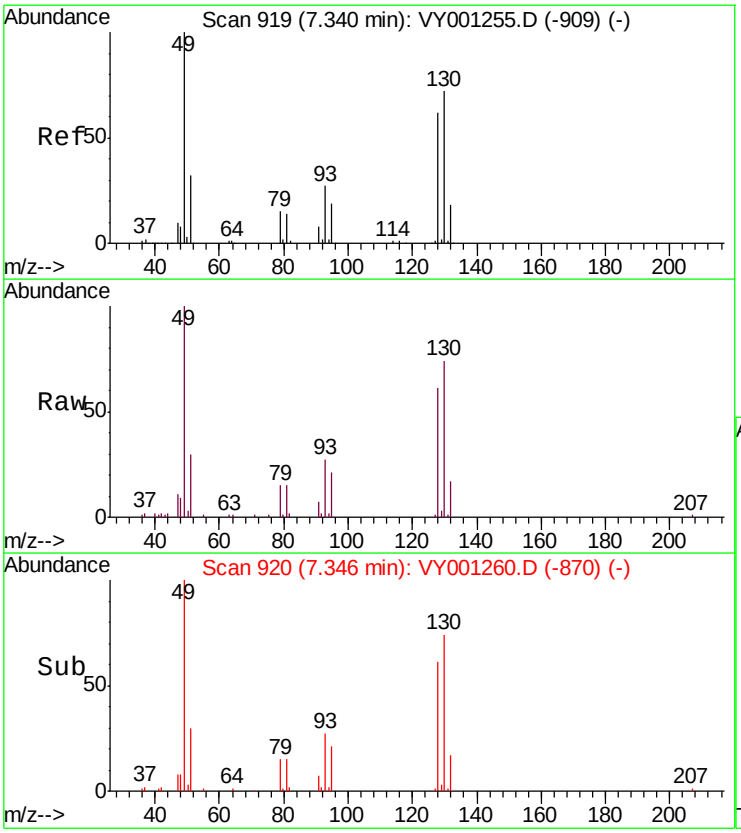
#22
2-Butanone
Concen: 8.298 ug/L
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion: 43 Resp: 25281

Ion	Ratio	Lower	Upper
43	100		
72	26.6	13.5	40.5

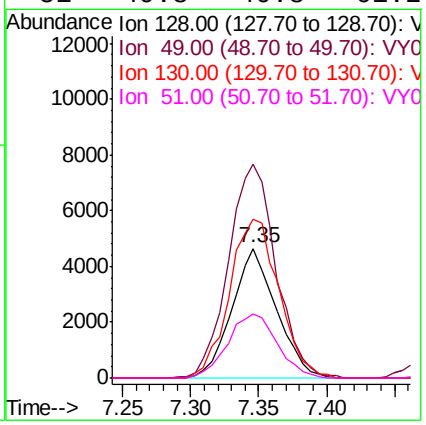


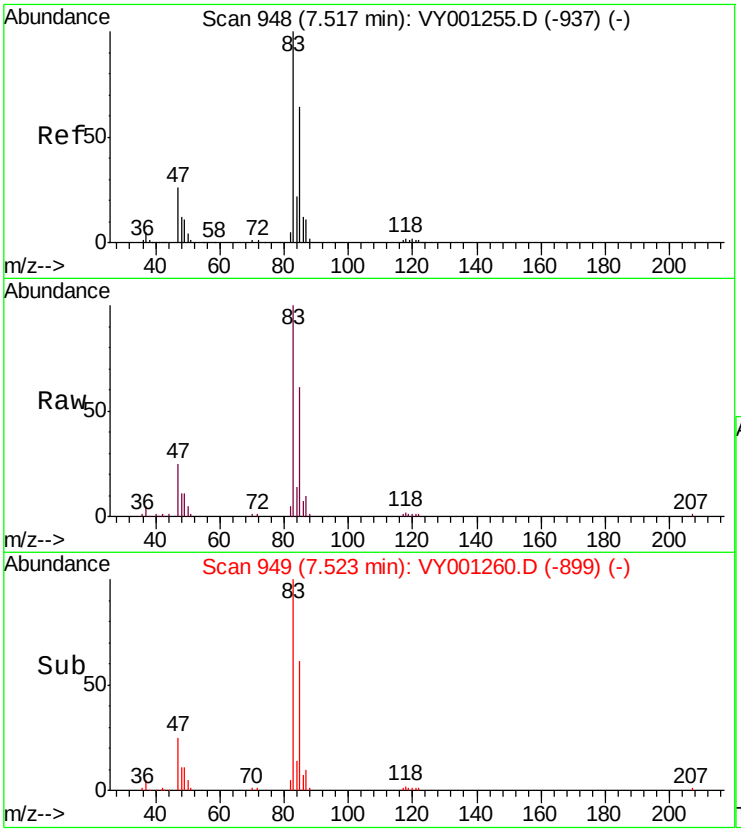


#23
Bromochloromethane
Concen: 4.665 ug/L
RT: 7.35 min Scan# 920
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:128 Resp: 10608

Ion	Ratio	Lower	Upper
128	100		
49	164.5	112.3	208.5
130	122.3	81.3	151.1
51	49.8	40.8	61.2



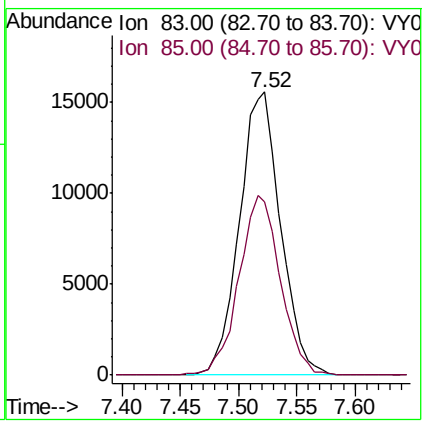


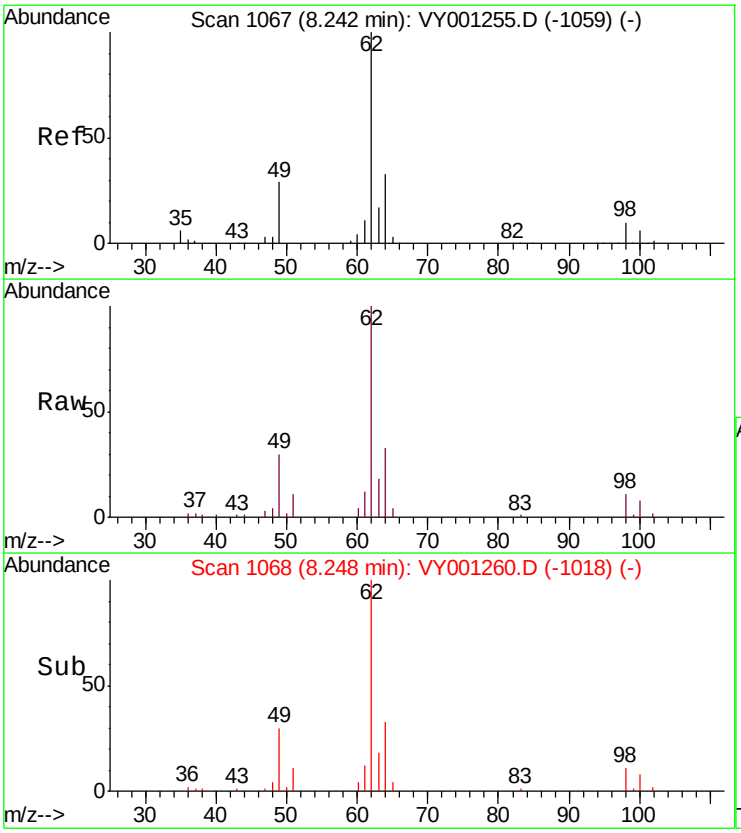
#25
Chloroform
Concen: 4.719 ug/L
RT: 7.52 min Scan# 949
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 83 Resp: 38345

Ion	Ratio	Lower	Upper
83	100		
85	61.3	44.7	82.9

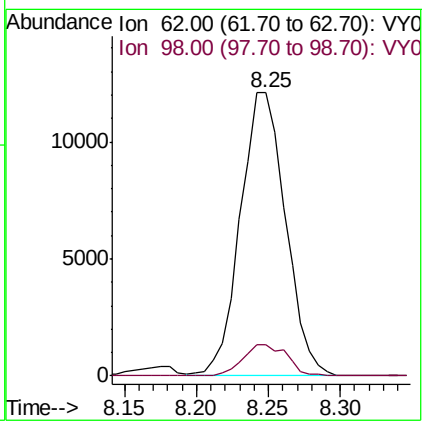


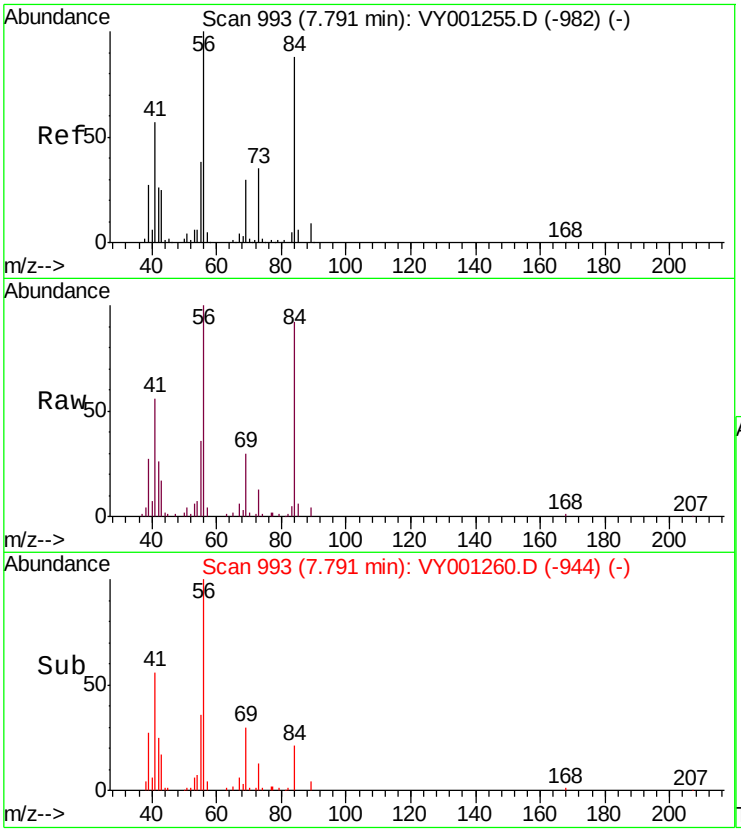


#27
1,2-Dichloroethane
Concen: 4.562 ug/L
RT: 8.25 min Scan# 1068
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 62 Resp: 26360

Ion	Ratio	Lower	Upper
62	100		
98	11.3	7.9	11.9



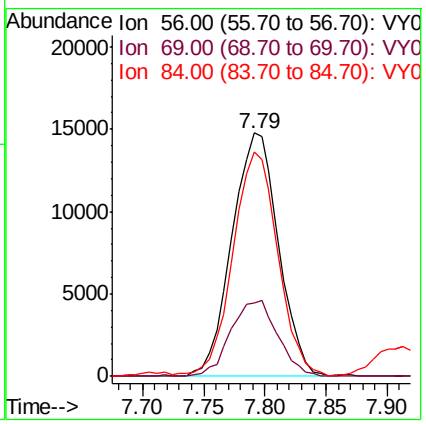


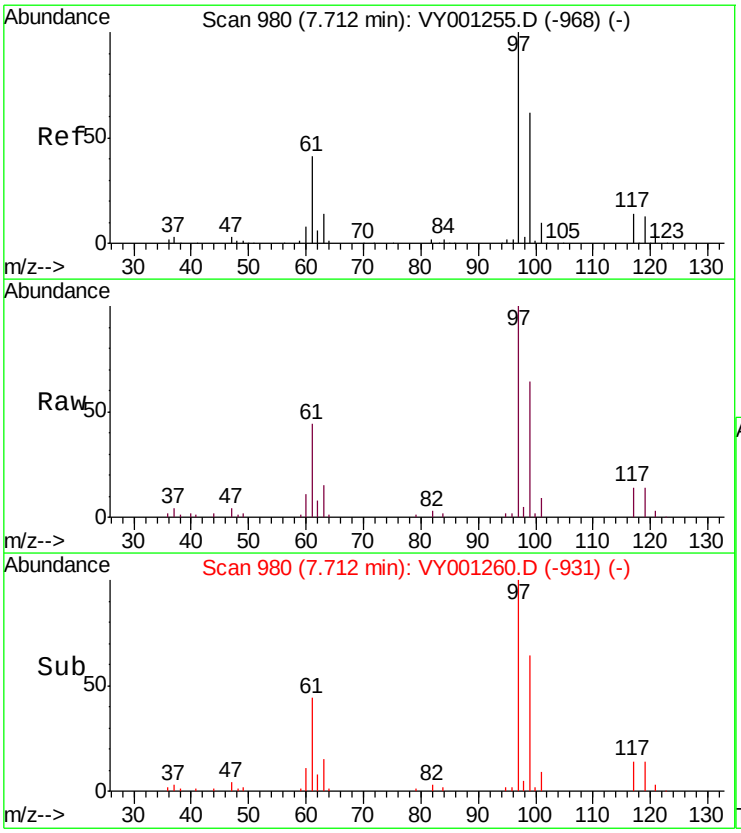
#29
Cyclohexane
Concen: 5.020 ug/L
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 56 Resp: 39007

Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.8	37.2
84	89.4	70.8	106.2

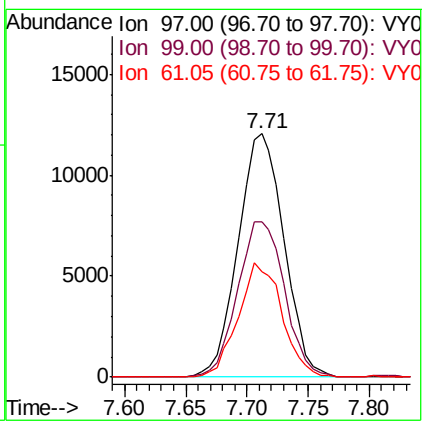


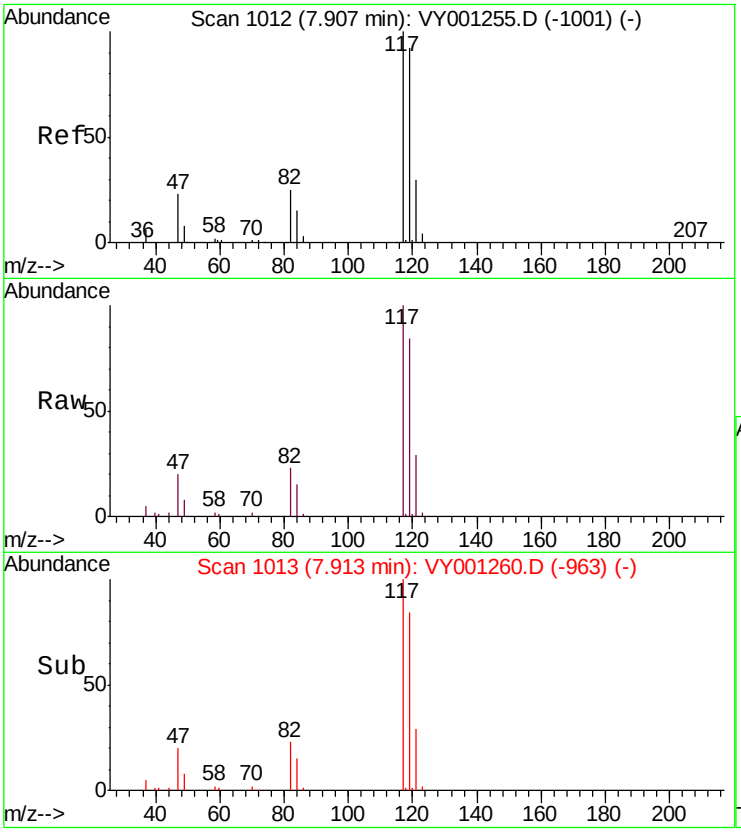


#30
1,1,1-Trichloroethane
Concen: 4.673 ug/L
RT: 7.71 min Scan# 980
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 97 Resp: 31457

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.5	77.3
61	44.8	35.2	52.8



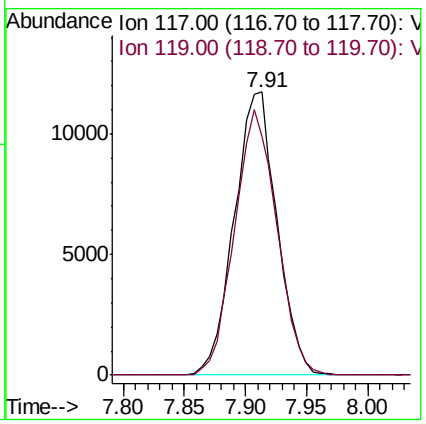


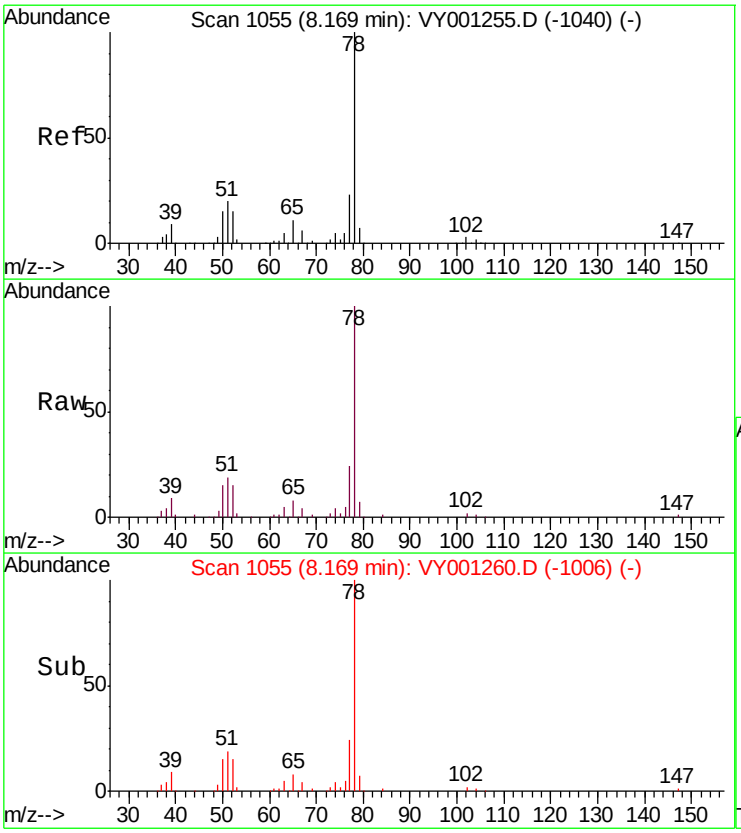
#31
Carbon tetrachloride
Concen: 4.609 ug/L
RT: 7.91 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:117 Resp: 28493

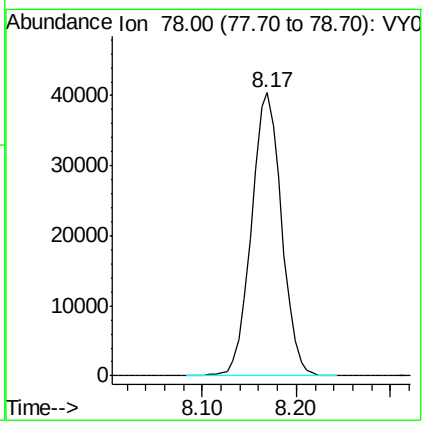
Ion	Ratio	Lower	Upper
117	100		
119	92.9	76.1	114.1

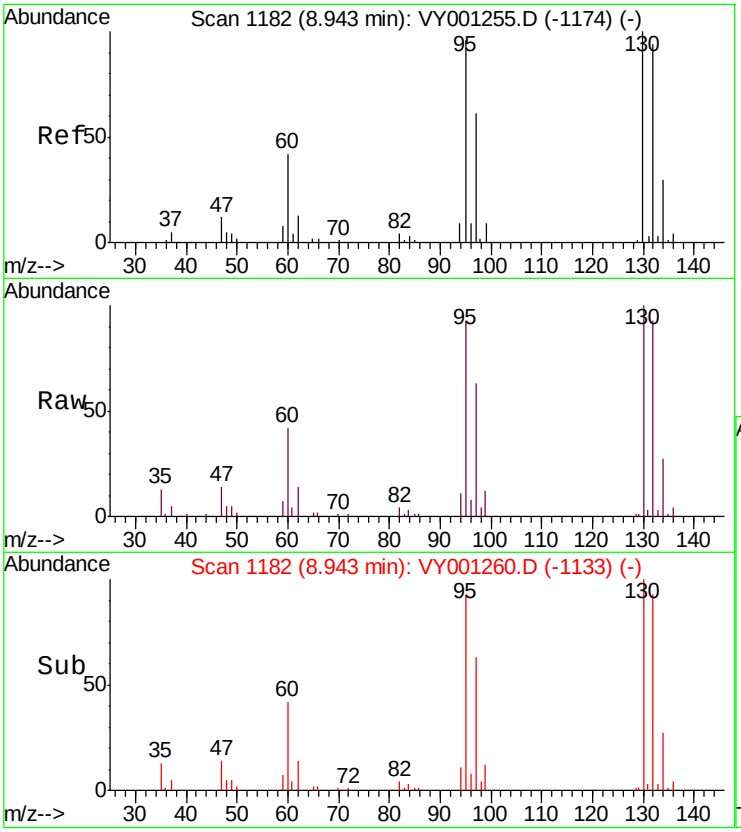




#33
Benzene
Concen: 4.886 ug/L
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 78 Resp: 90545



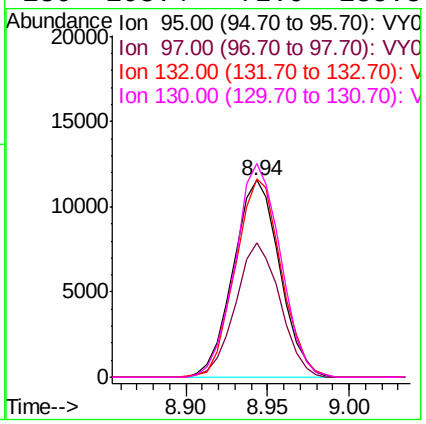


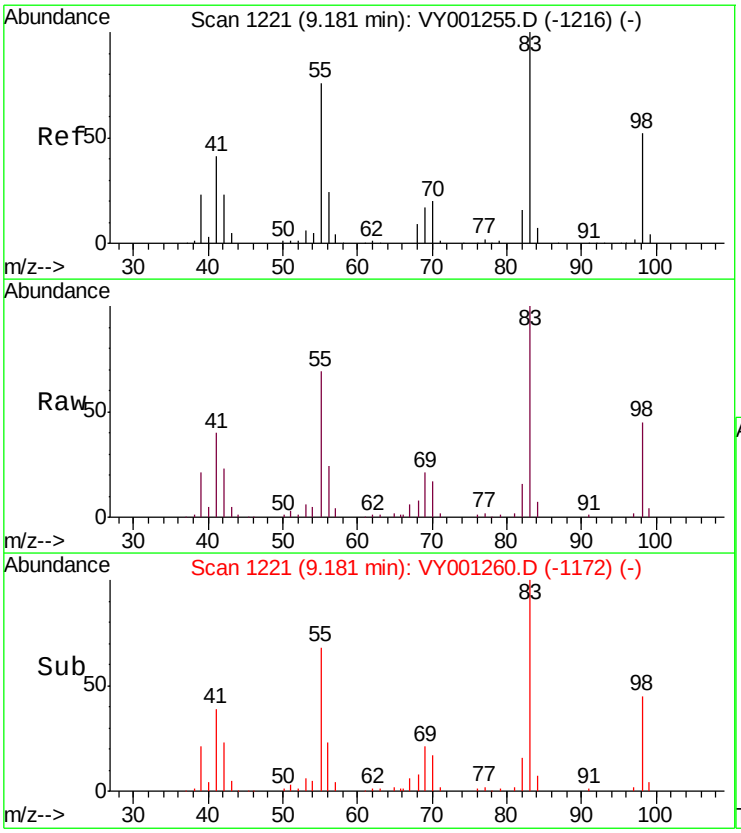
#34
Trichloroethene
Concen: 4.709 ug/L
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 95 Resp: 22889

Ion	Ratio	Lower	Upper
95	100		
97	68.4	44.4	82.4
132	101.0	68.8	127.8
130	108.4	72.9	135.3

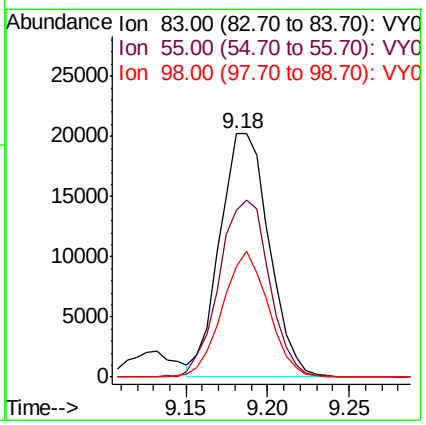


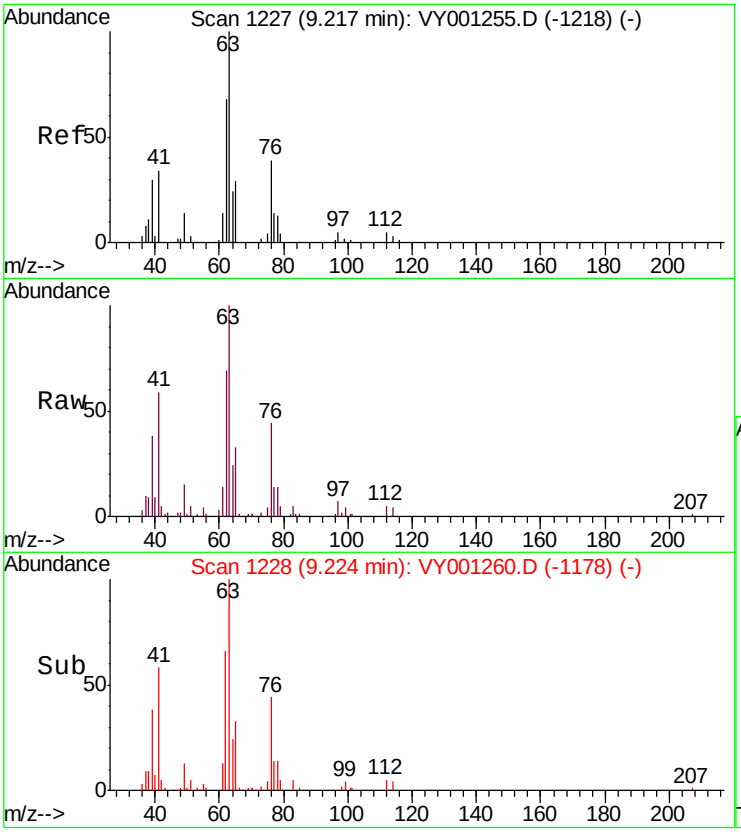


#35
Methylcyclohexane
Concen: 5.088 ug/L
RT: 9.18 min Scan# 1221
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 83 Resp: 42766

Ion	Ratio	Lower	Upper
83	100		
55	73.9	59.8	89.6
98	48.1	40.1	60.1



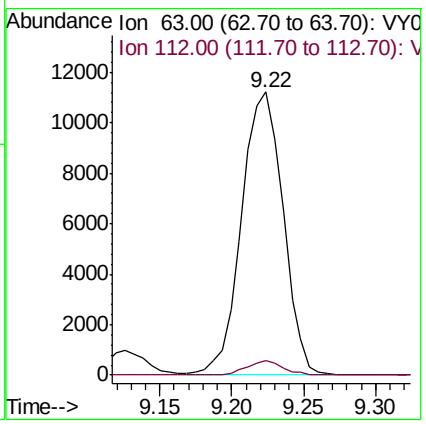


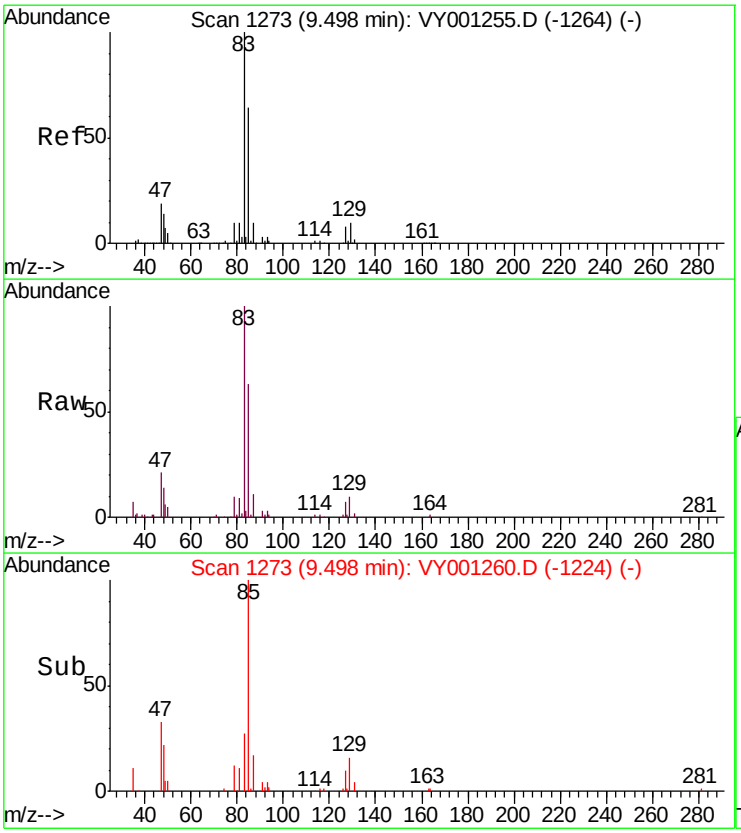
#37
1,2-Dichloropropane
Concen: 4.750 ug/L
RT: 9.22 min Scan# 1228
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 63 Resp: 22445

Ion	Ratio	Lower	Upper
63	100		
112	4.4	3.6	5.4

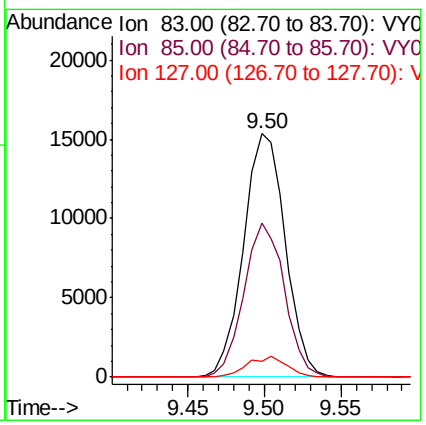


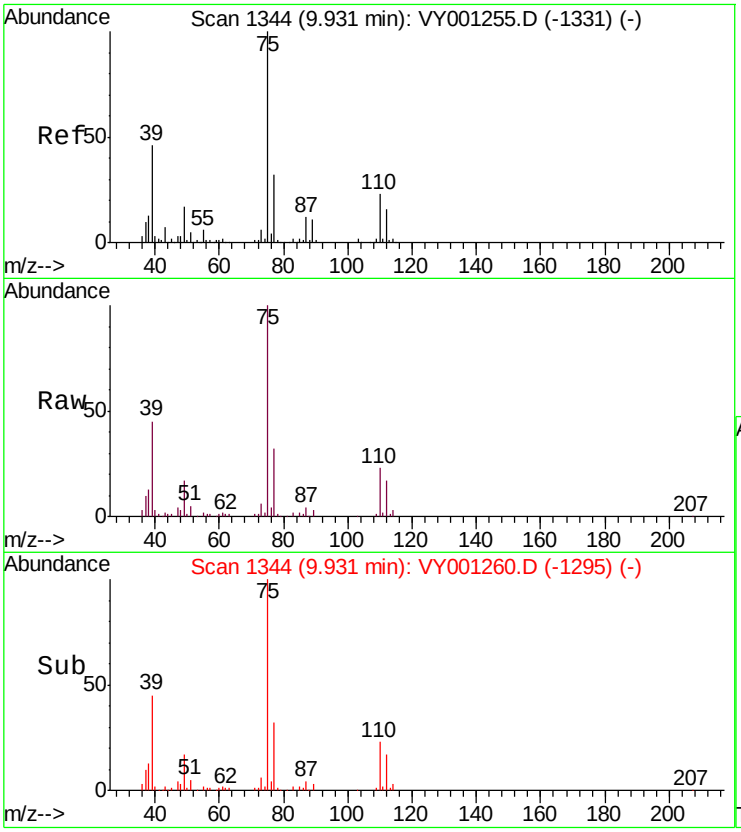


#38
Bromodichloromethane
Concen: 4.888 ug/L
RT: 9.50 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 83 Resp: 29156

Ion	Ratio	Lower	Upper
83	100		
85	63.1	44.4	82.5
127	7.1	6.4	9.6



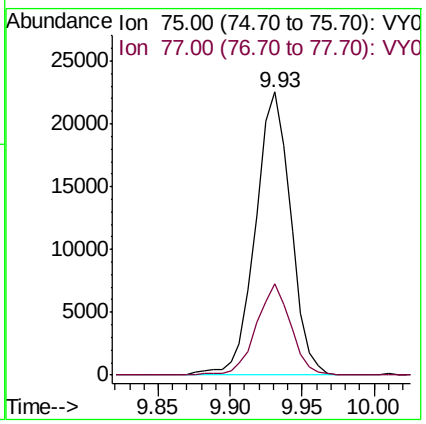


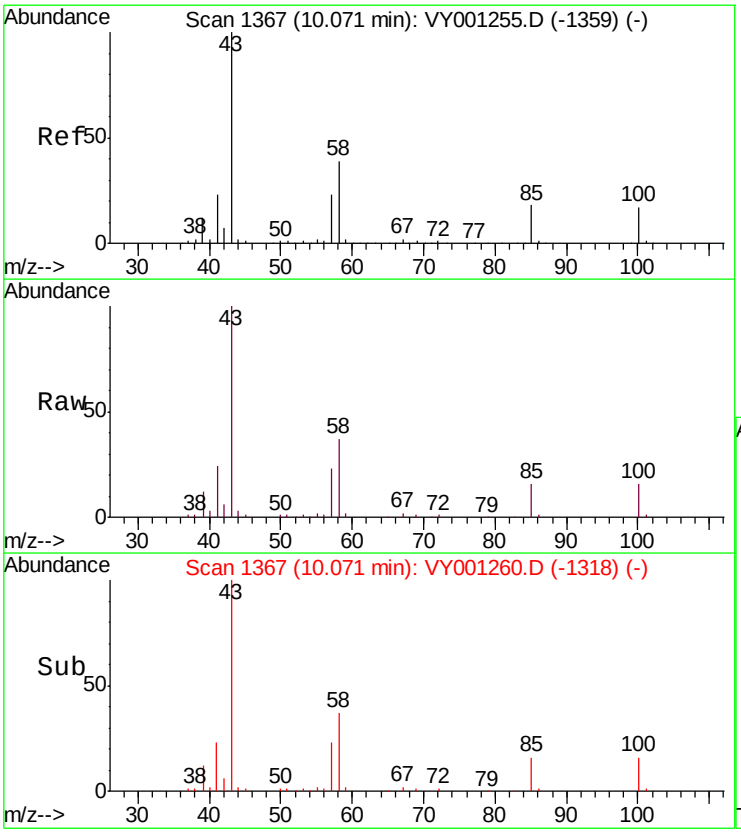
#39
cis-1,3-Dichloropropene
Concen: 5.047 ug/L
RT: 9.93 min Scan# 1344
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 75 Resp: 38257

Ion	Ratio	Lower	Upper
75	100		
77	32.4	22.1	41.1

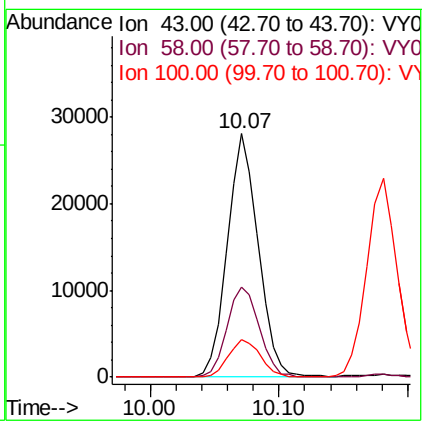


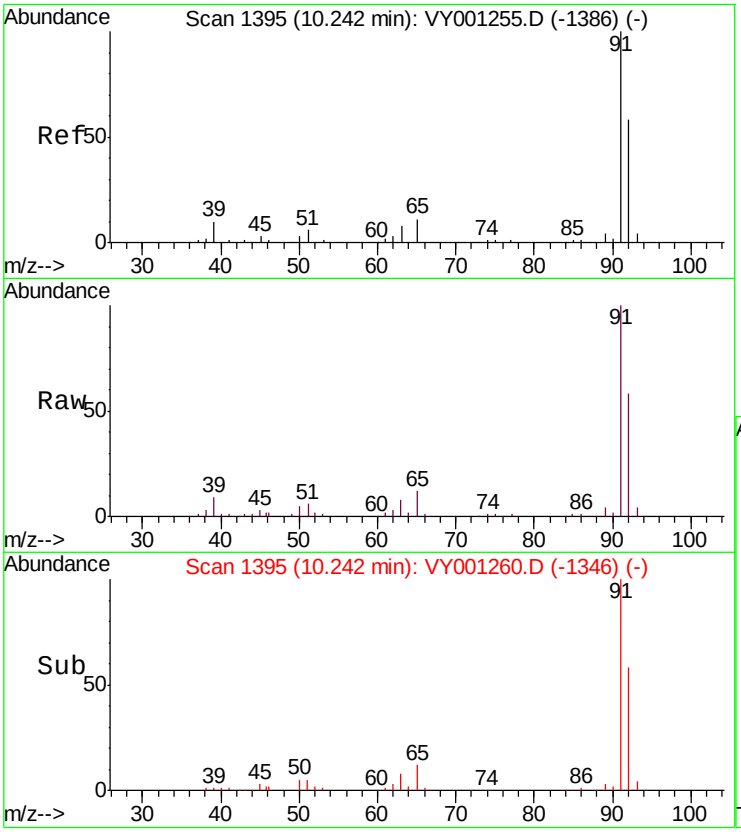


#40
4-Methyl-2-pentanone
Concen: 9.058 ug/L
RT: 10.07 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 43 Resp: 47105

Ion	Ratio	Lower	Upper
43	100		
58	38.7	31.7	47.5
100	15.8	13.0	19.6



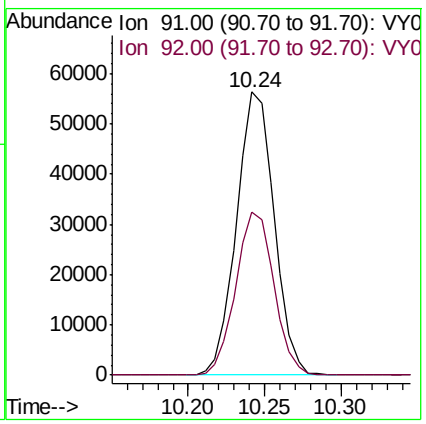


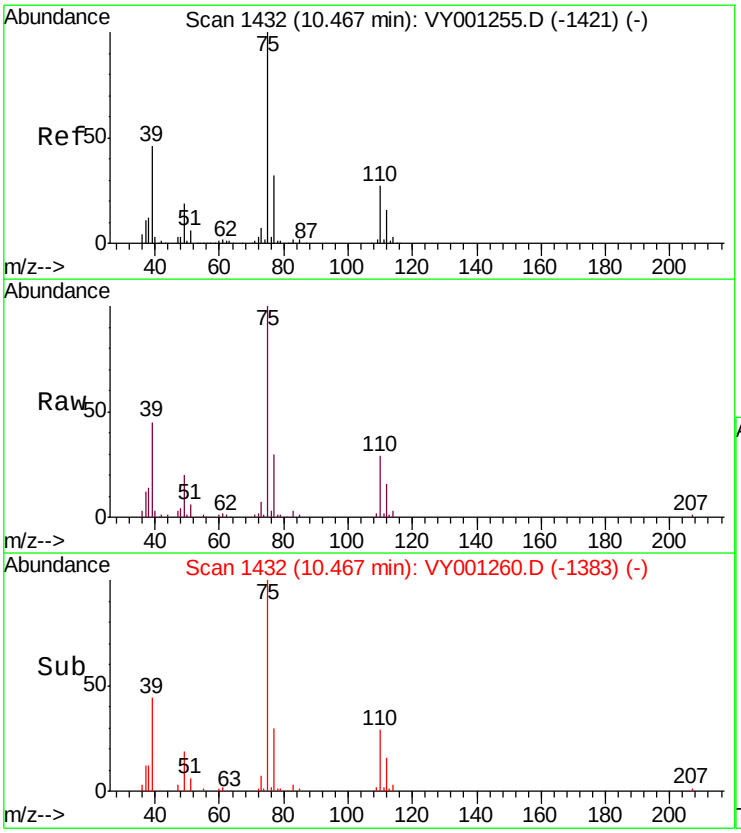
#42
Toluene
Concen: 4.886 ug/L
RT: 10.24 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion: 91 Resp: 96676

Ion	Ratio	Lower	Upper
91	100		
92	57.7	40.5	75.1

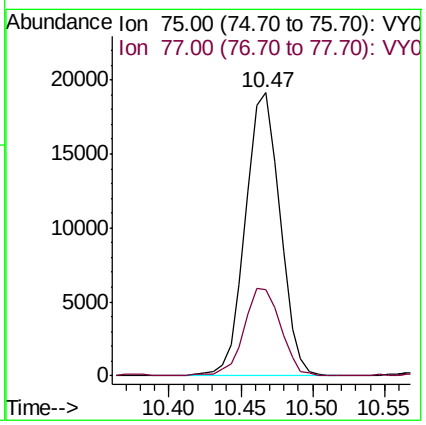


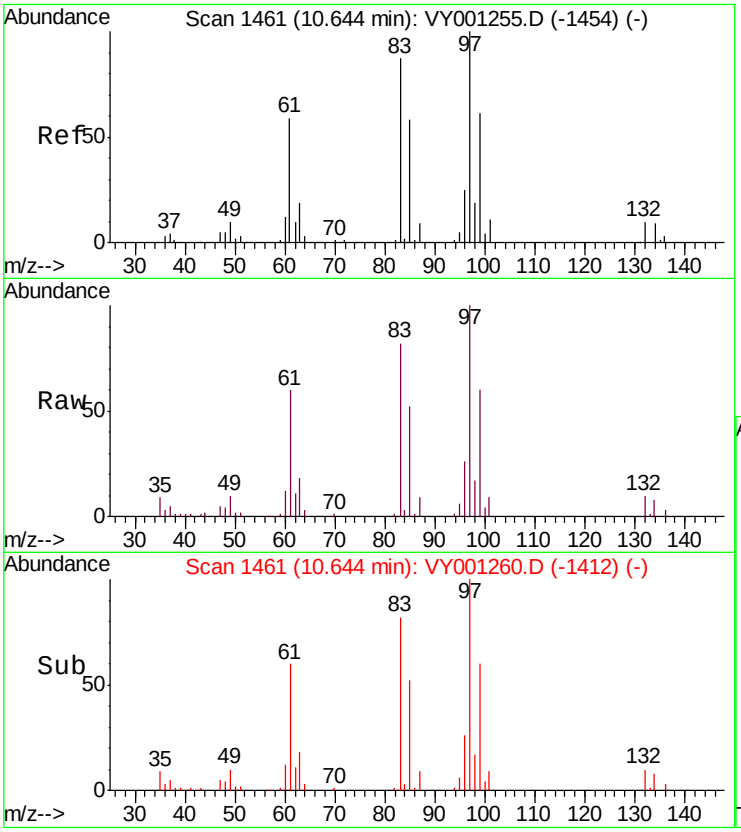


#44
trans-1,3-Dichloropropene
Concen: 4.784 ug/L
RT: 10.47 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 75 Resp: 31898

Ion	Ratio	Lower	Upper
75	100		
77	30.3	22.5	41.7



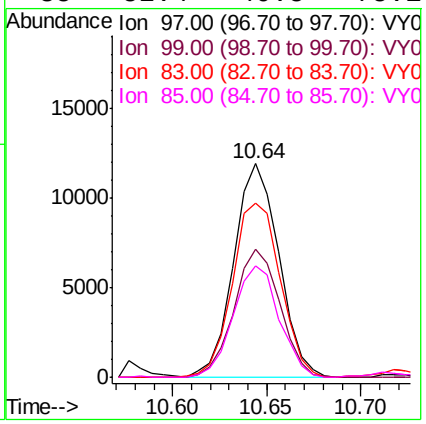


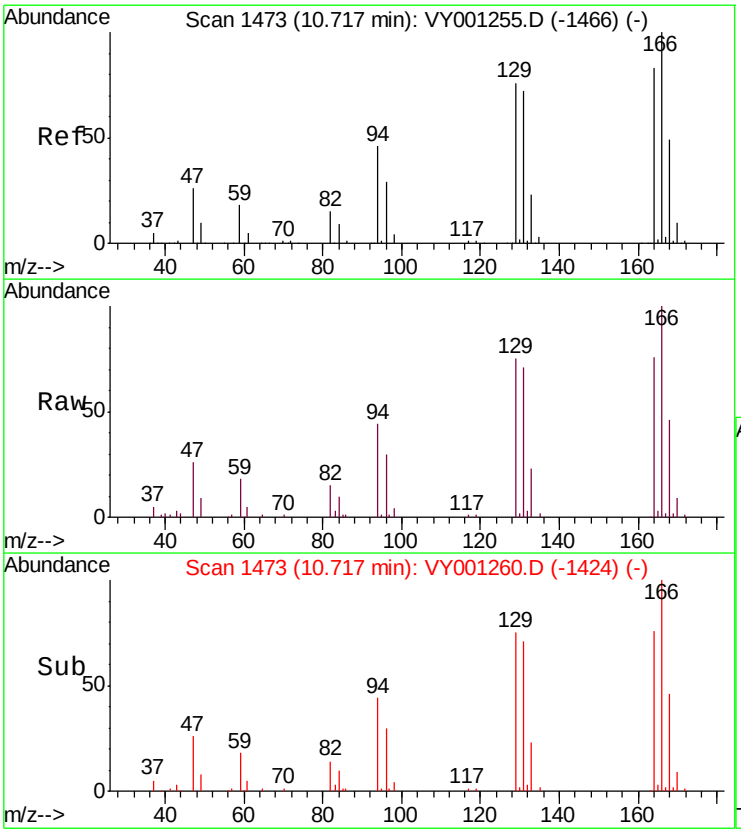
#45
1,1,2-Trichloroethane
Concen: 4.935 ug/L
RT: 10.64 min Scan# 1461
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 97 Resp: 19690

Ion	Ratio	Lower	Upper
97	100		
99	60.0	42.7	79.3
83	81.6	61.1	113.5
85	52.4	40.5	75.1

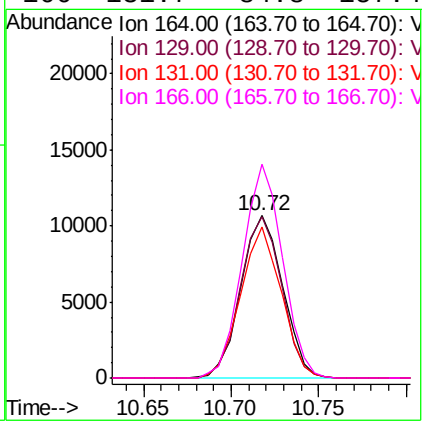


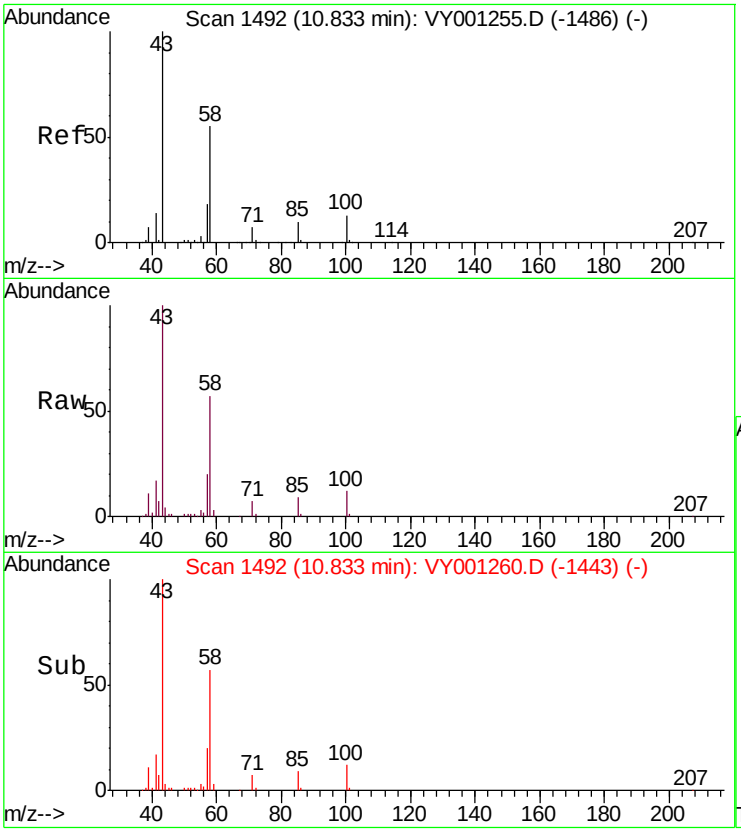


#46
Tetrachloroethene
Concen: 4.777 ug/L
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:164 Resp: 17830

Ion	Ratio	Lower	Upper
164	100		
129	99.4	64.7	120.1
131	92.9	61.2	113.6
166	131.7	84.8	157.4



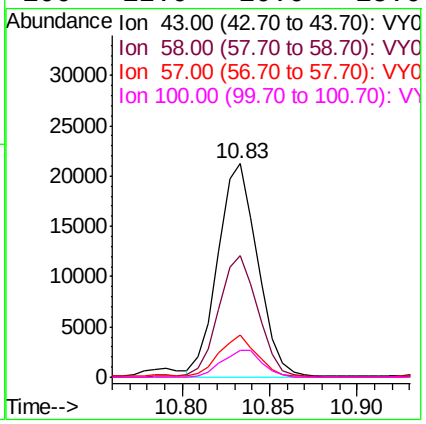


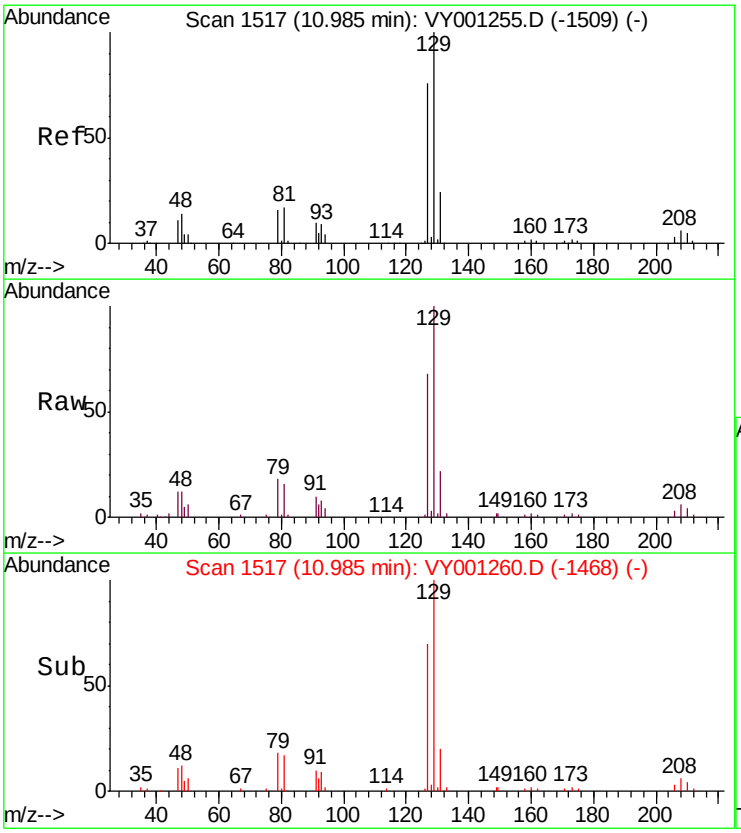
#48
2-Hexanone
Concen: 8.237 ug/L
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion: 43 Resp: 33765

Ion	Ratio	Lower	Upper
43	100		
58	56.2	43.2	64.8
57	19.4	14.9	22.3
100	12.9	10.0	15.0

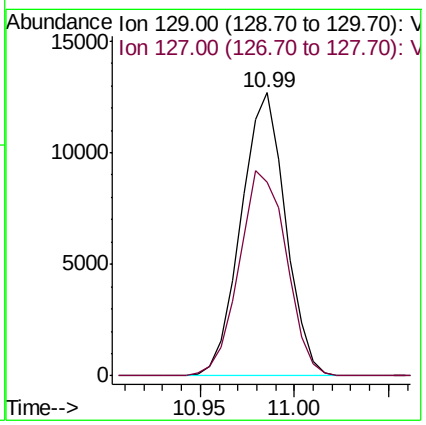


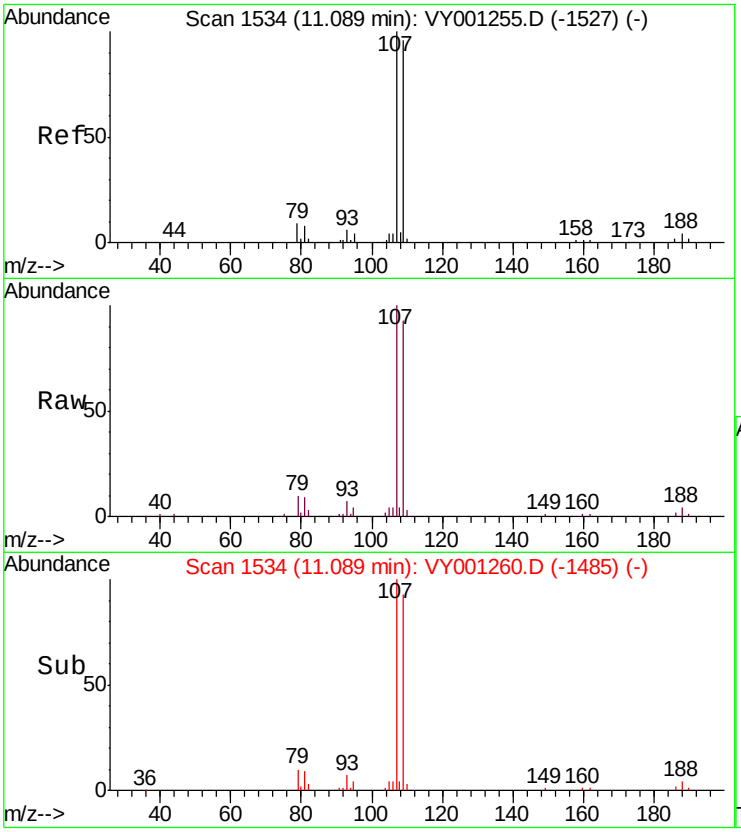


#49
Dibromochloromethane
Concen: 4.646 ug/L
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:129 Resp: 20773

Ion	Ratio	Lower	Upper
129	100		
127	68.4	53.5	99.3



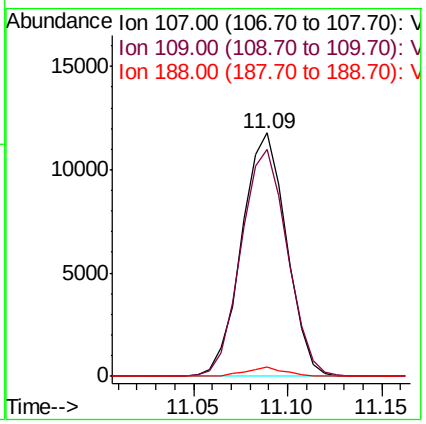


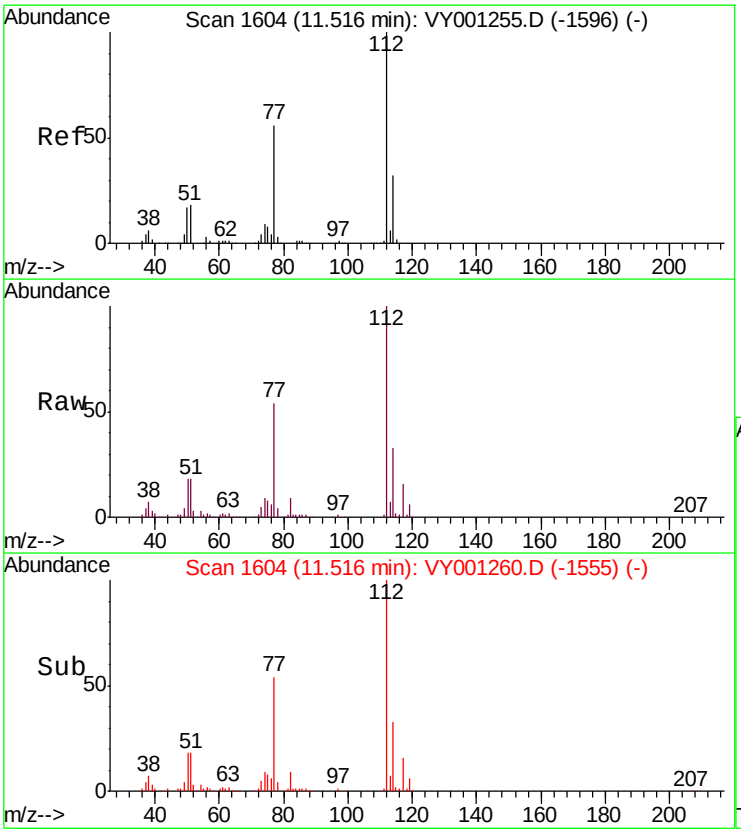
#50
1,2-Dibromoethane
Concen: 4.773 ug/L
RT: 11.09 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:107 Resp: 19358

Ion	Ratio	Lower	Upper
107	100		
109	93.5	67.1	124.7
188	3.8	2.9	4.3

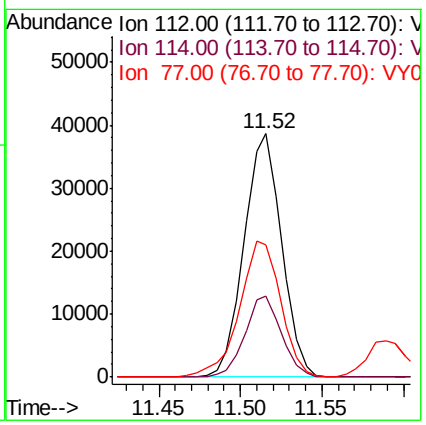


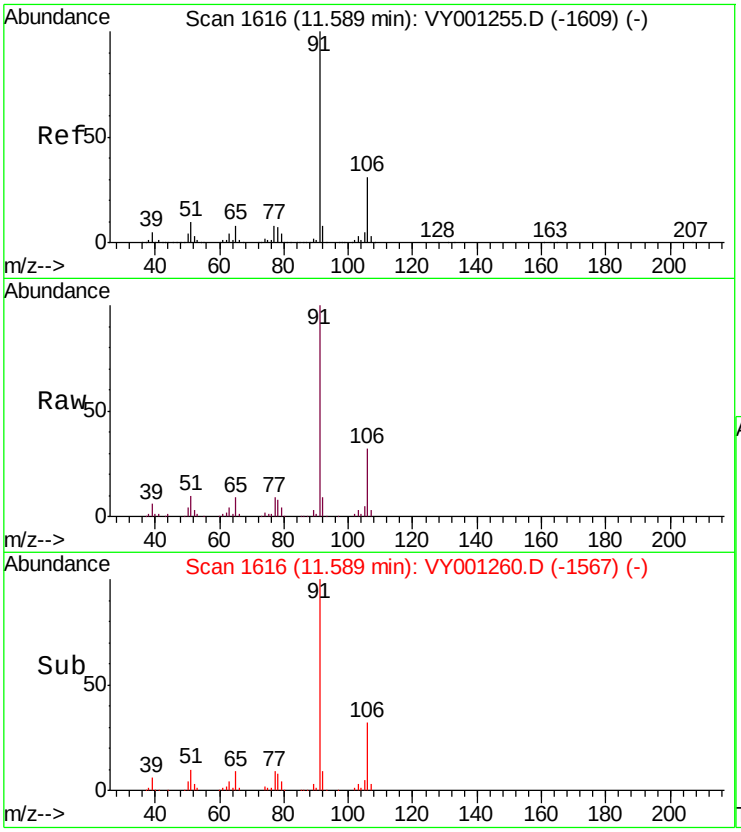


#51
Chlorobenzene
Concen: 4.898 ug/L
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:112 Resp: 61887

Ion	Ratio	Lower	Upper
112	100		
114	33.3	22.2	41.2
77	54.2	45.0	67.6



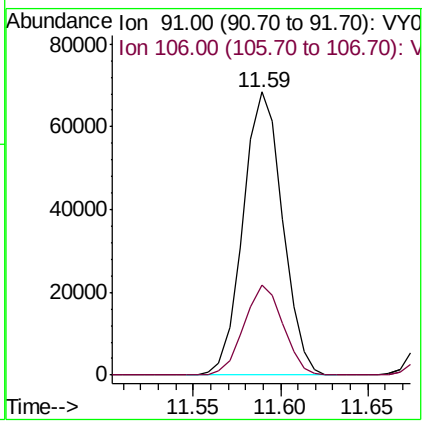


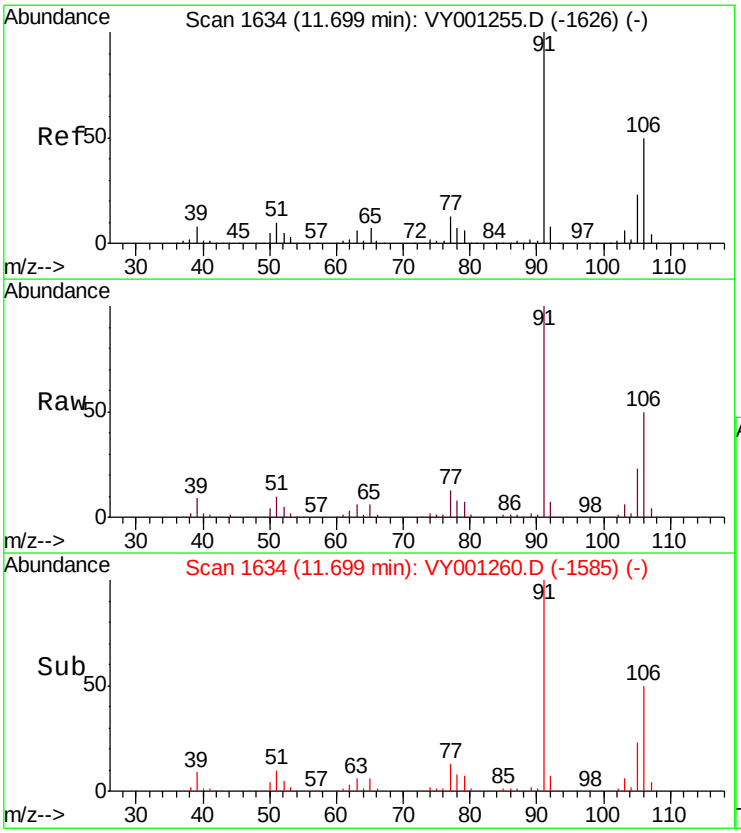
#52
Ethylbenzene
Concen: 4.772 ug/L
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 91 Resp: 107552

Ion	Ratio	Lower	Upper
91	100		
106	31.9	21.7	40.3

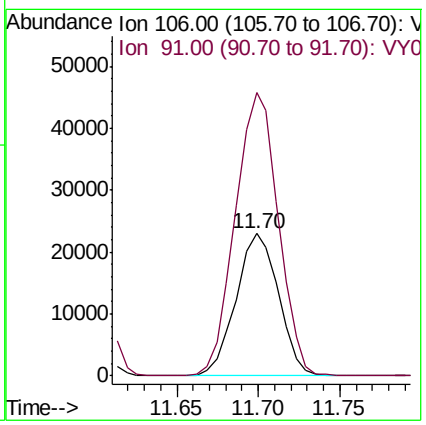


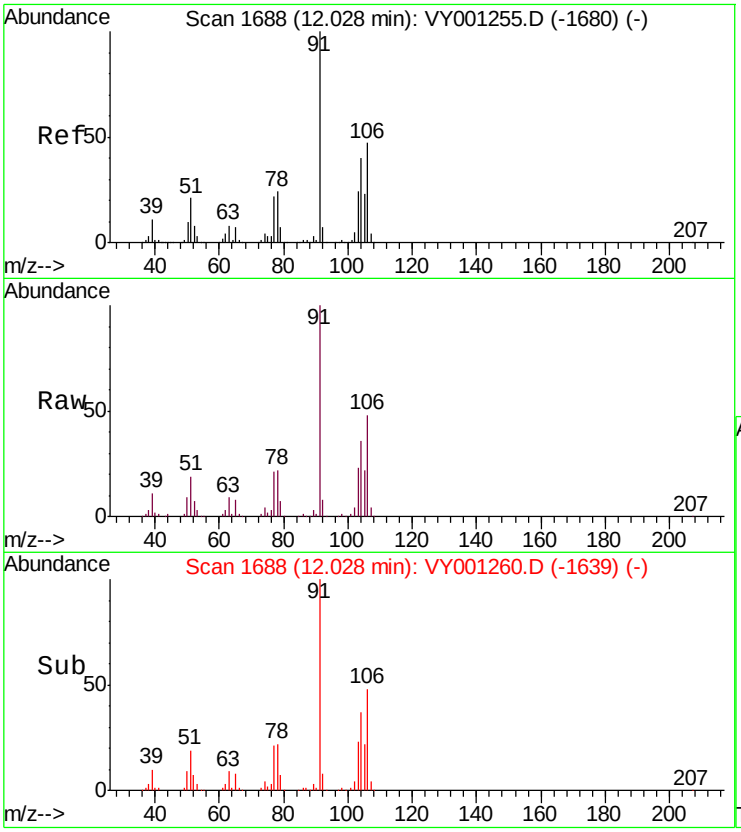


#53
m,p-Xylene
Concen: 4.832 ug/L
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:106 Resp: 41686

Ion	Ratio	Lower	Upper
106	100		
91	199.0	139.4	258.8



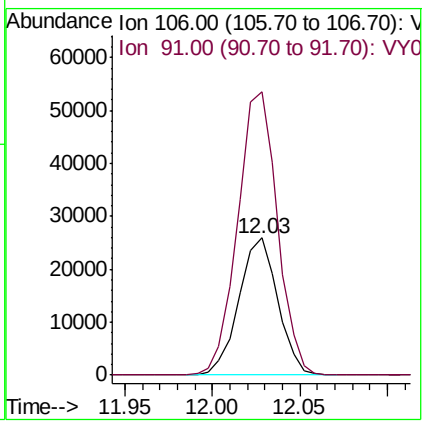


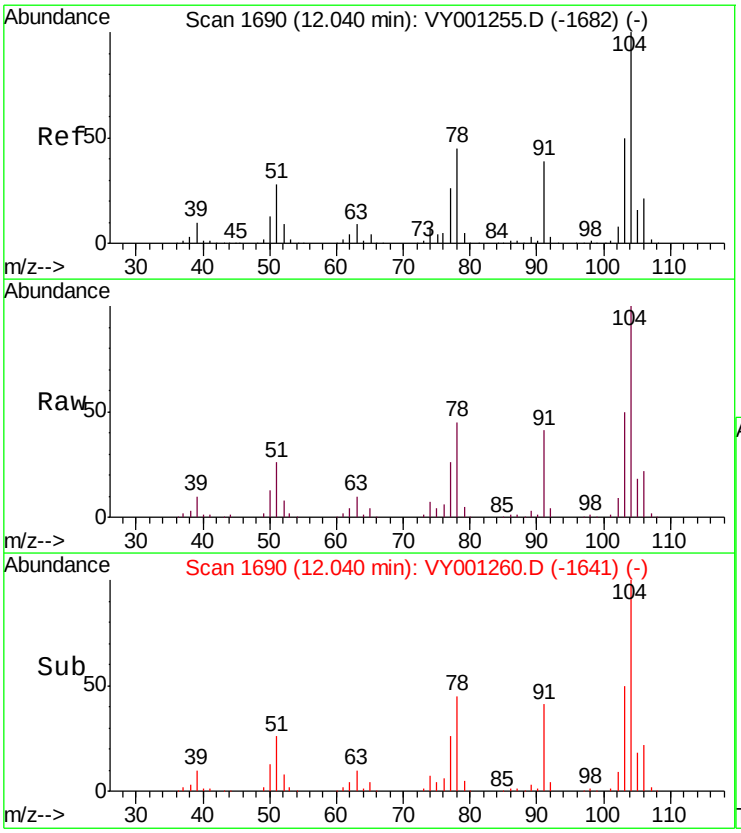
#54
o-Xylene
Concen: 4.820 ug/L
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:106 Resp: 40222

Ion	Ratio	Lower	Upper
106	100		
91	206.5	148.5	275.7

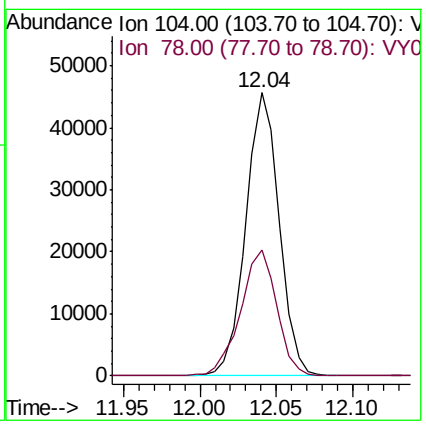


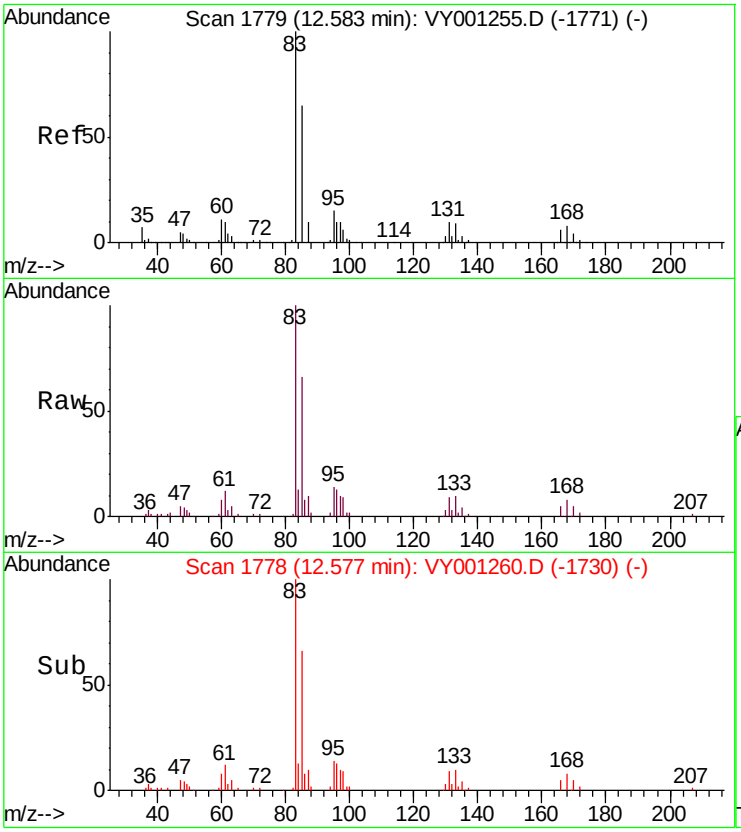


#55
Styrene
Concen: 4.858 ug/L
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:104 Resp: 69202

Ion	Ratio	Lower	Upper
104	100		
78	44.6	31.6	58.6



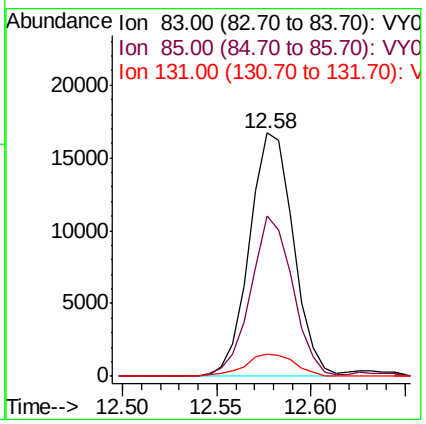


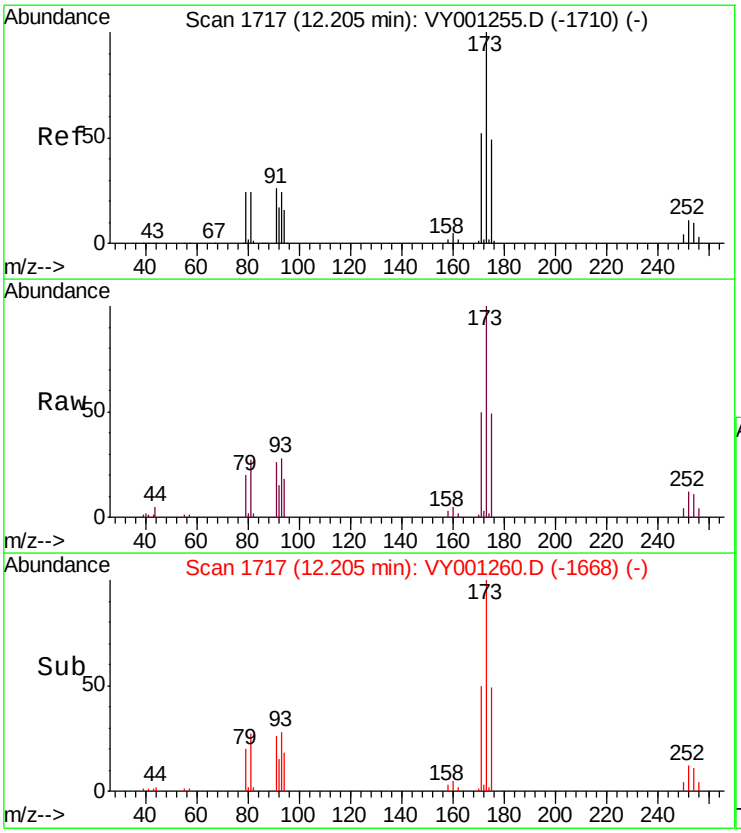
#57
1,1,2,2-Tetrachloroethane
Concen: 4.937 ug/L
RT: 12.58 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion: 83 Resp: 27002

Ion	Ratio	Lower	Upper
83	100		
85	65.7	45.6	84.6
131	9.3	7.8	11.8

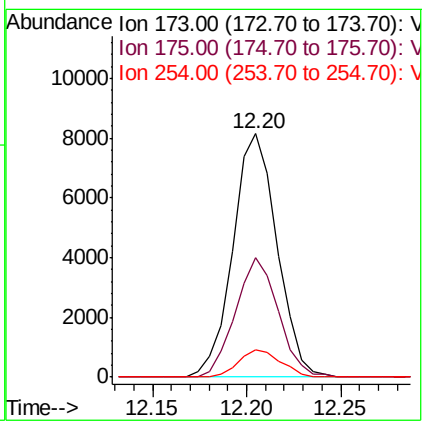


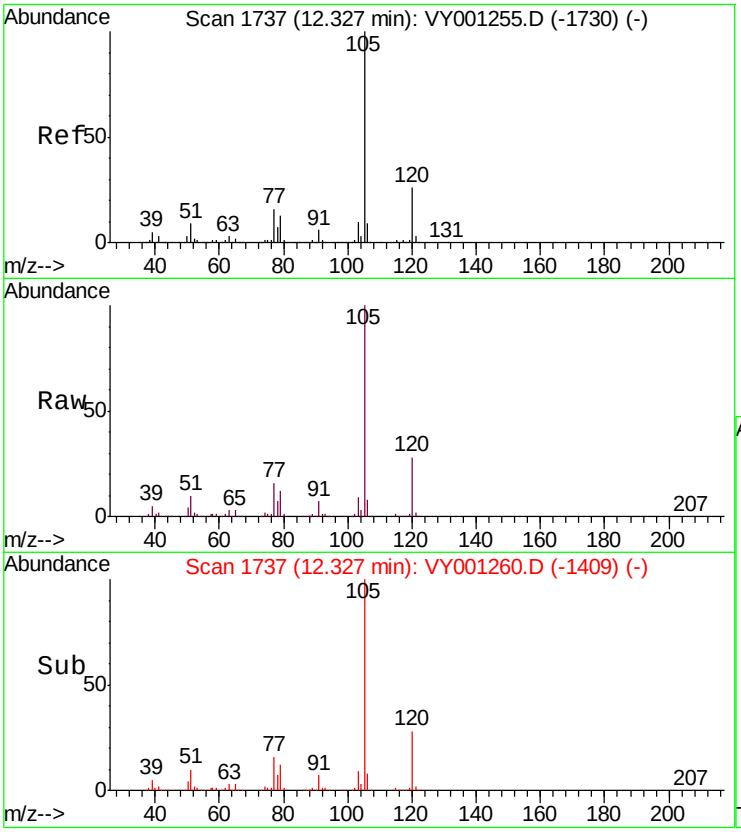


#59
Bromoform
Concen: 4.647 ug/L
RT: 12.20 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:173 Resp: 13195

Ion	Ratio	Lower	Upper
173	100		
175	47.6	38.5	57.7
254	10.6	8.2	12.2



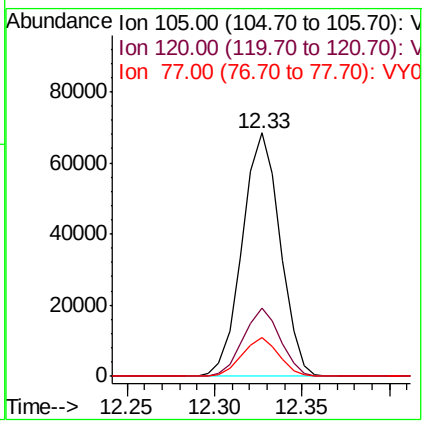


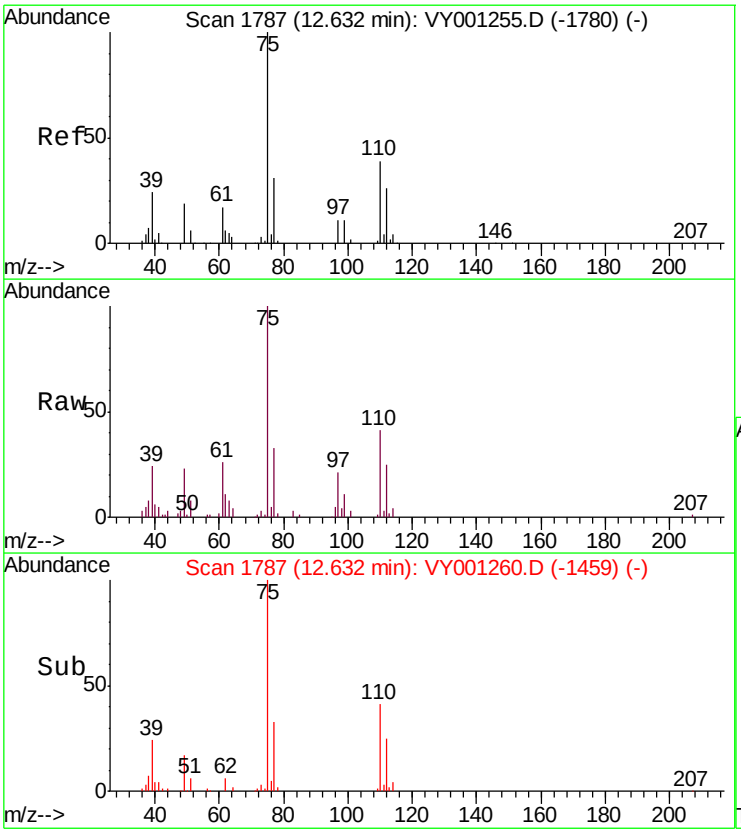
#60
Isopropylbenzene
Concen: 4.823 ug/L
RT: 12.33 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion:105 Resp: 103191

Ion	Ratio	Lower	Upper
105	100		
120	27.3	21.4	32.2
77	15.4	12.3	18.5

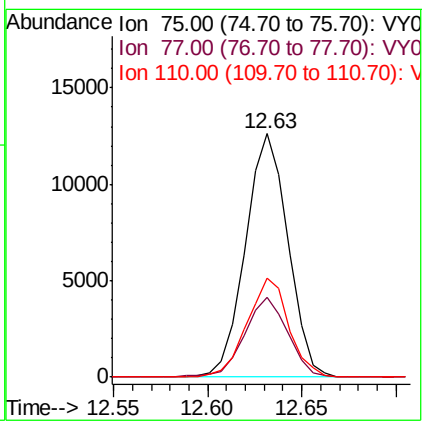


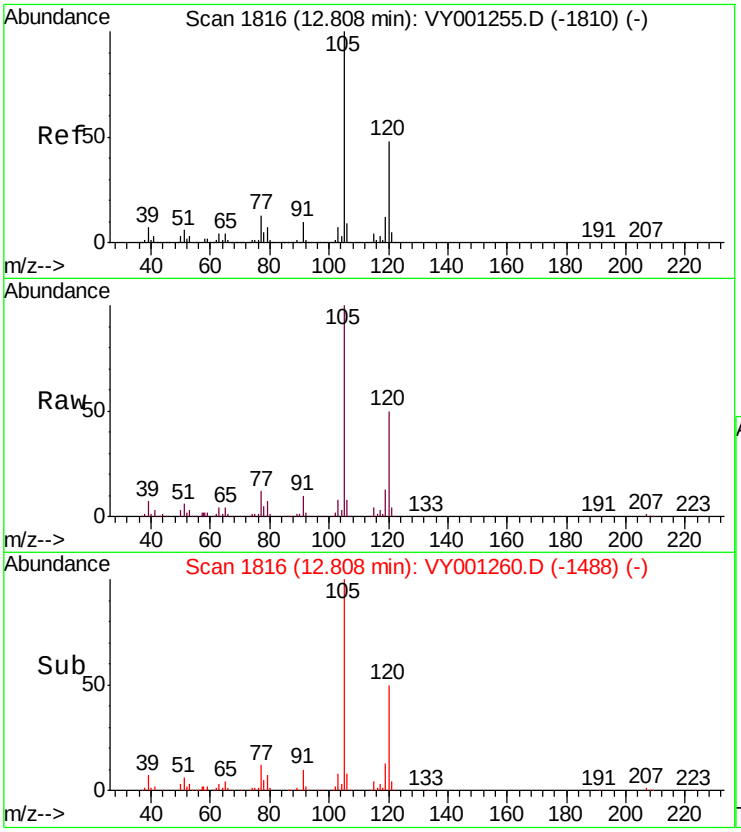


#61
1,2,3-Trichloropropane
Concen: 4.649 ug/L
RT: 12.63 min Scan# 1787
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 75 Resp: 19703

Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.1	37.7
110	39.9	31.4	47.2



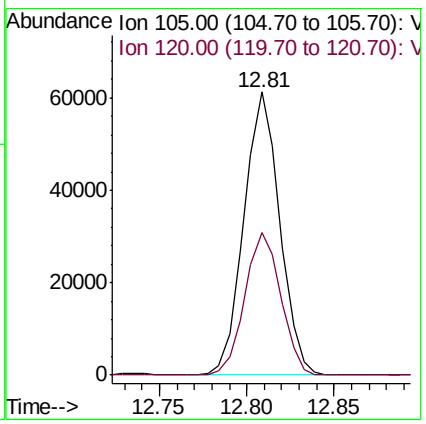


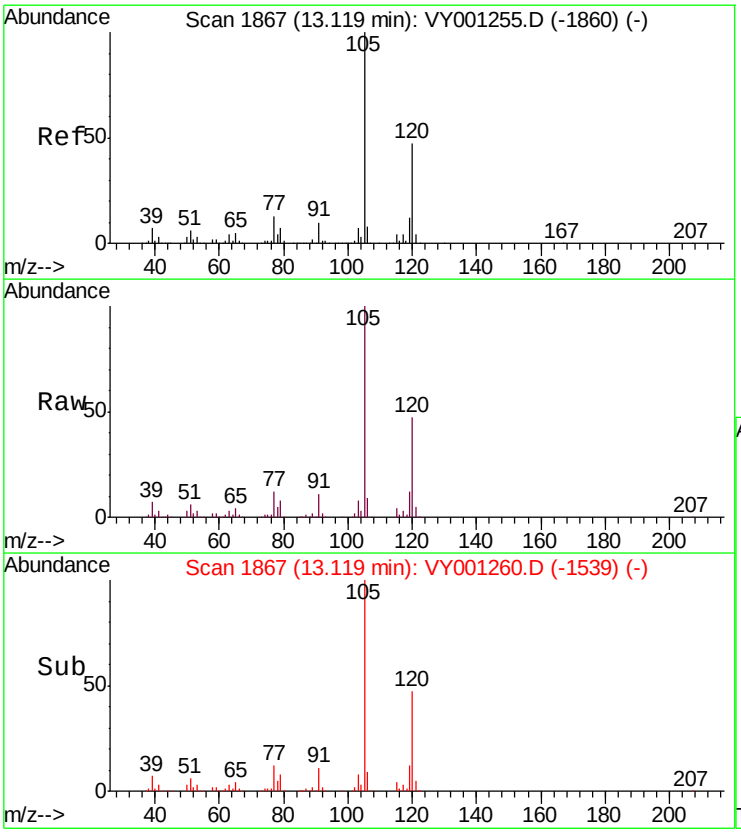
#62
1,3,5-Trimethylbenzene
Concen: 4.988 ug/L
RT: 12.81 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:105 Resp: 87155

Ion	Ratio	Lower	Upper
105	100		
120	50.6	0.2	0.2#

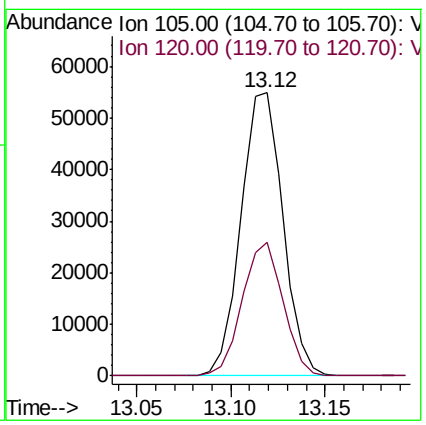


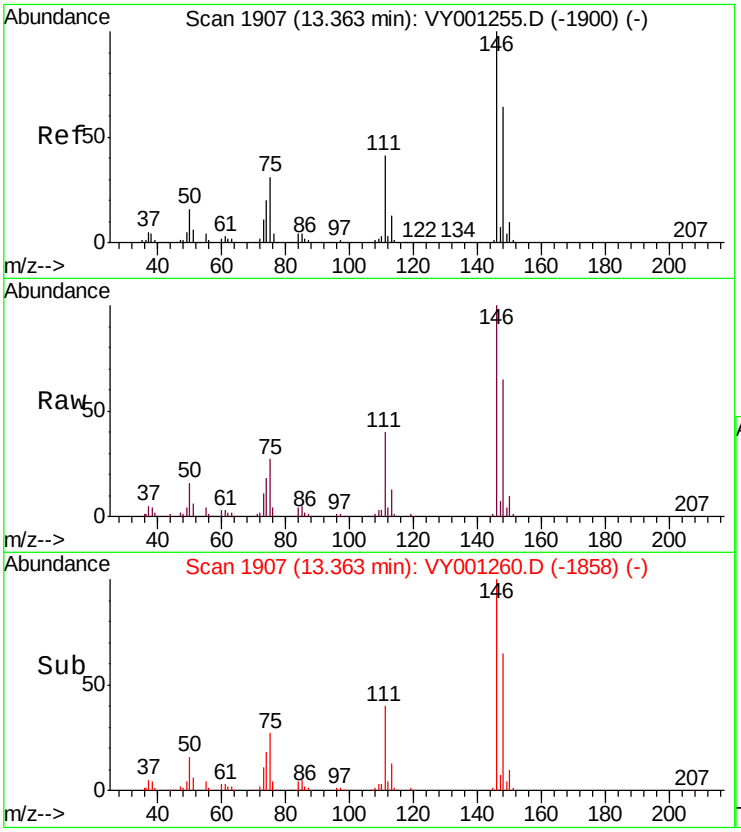


#63
1,2,4-Trimethylbenzene
Concen: 4.929 ug/L
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:105 Resp: 84835

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.0	55.6



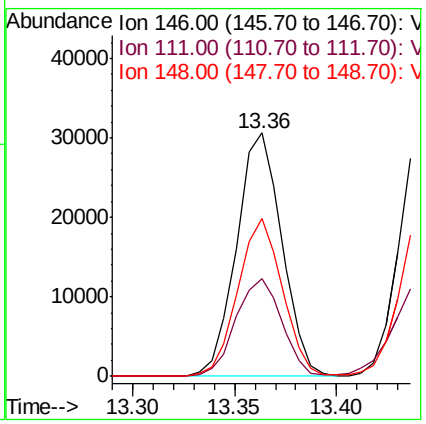


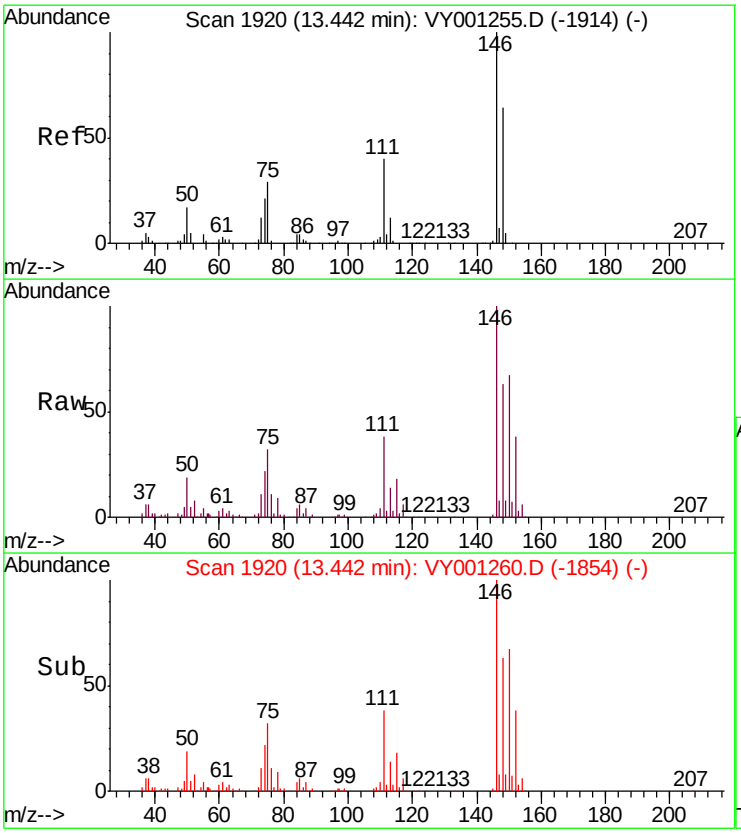
#64
1,3-Dichlorobenzene
Concen: 4.952 ug/L
RT: 13.36 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument : MSVOA_Y
ClientSampleId : VSTD005785

Tgt Ion:146 Resp: 47248

Ion	Ratio	Lower	Upper
146	100		
111	40.0	28.7	53.3
148	64.7	44.5	82.7

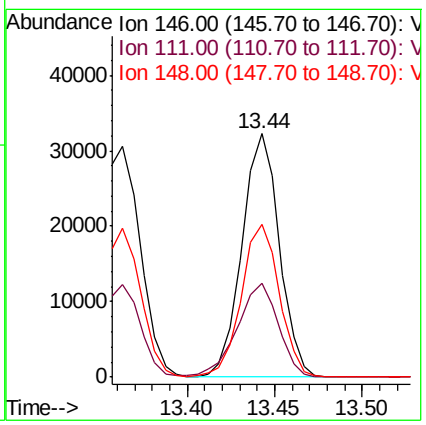


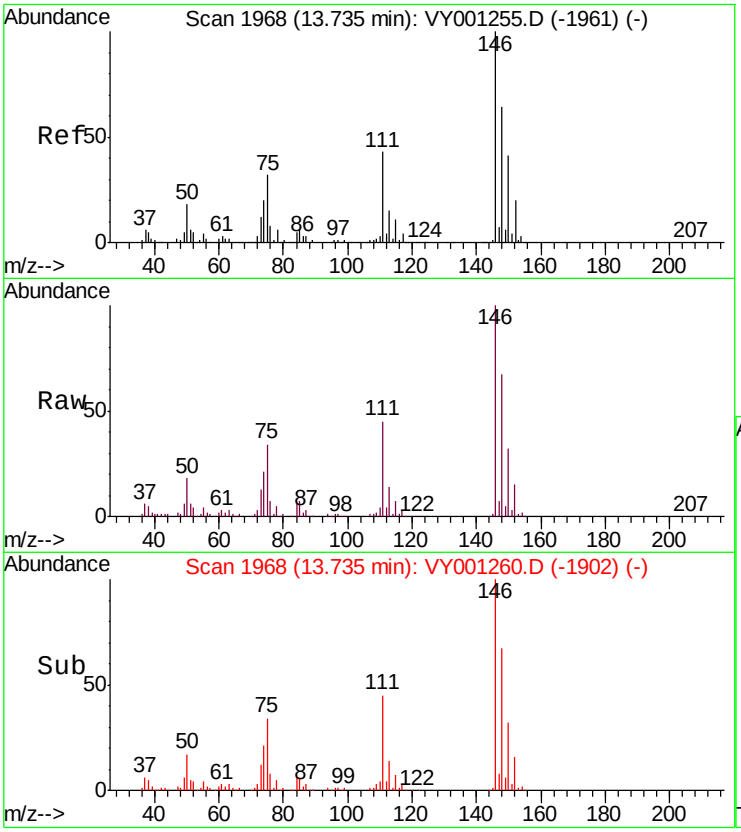


#65
1,4-Dichlorobenzene
Concen: 4.989 ug/L
RT: 13.44 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:146 Resp: 47974

Ion	Ratio	Lower	Upper
146	100		
111	38.3	27.9	51.7
148	62.6	44.9	83.3



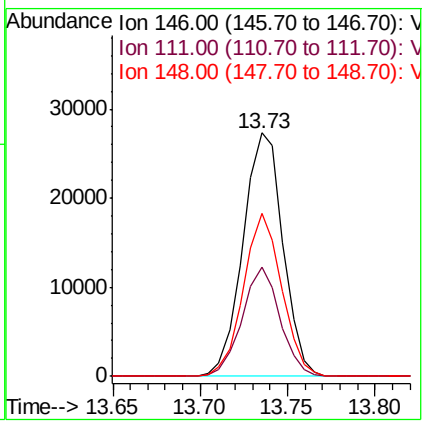


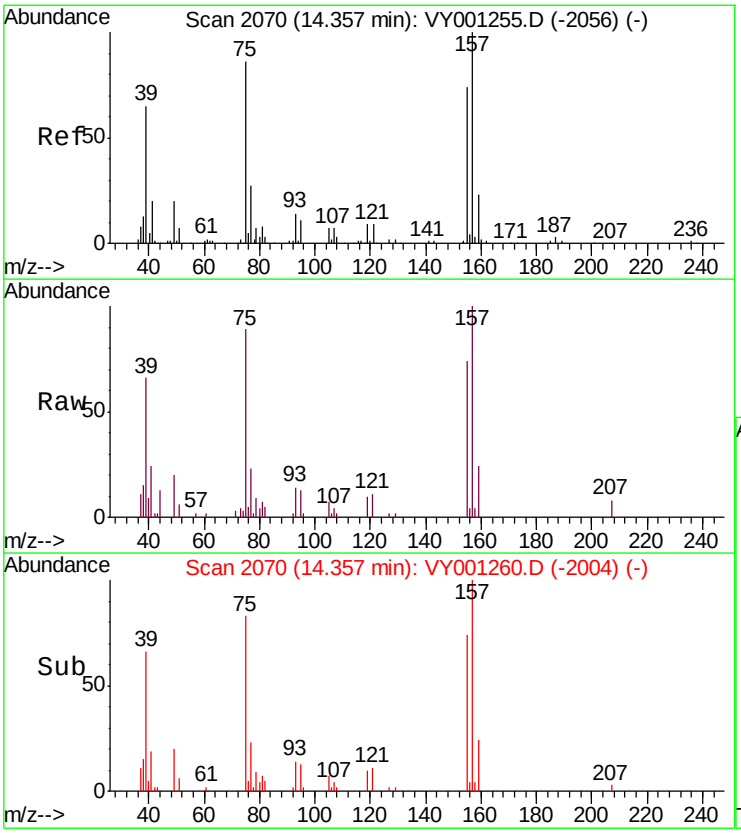
#67
1,2-Dichlorobenzene
Concen: 4.866 ug/L
RT: 13.73 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:146 Resp: 43428

Ion	Ratio	Lower	Upper
146	100		
111	44.8	34.2	51.4
148	67.1	51.4	77.0

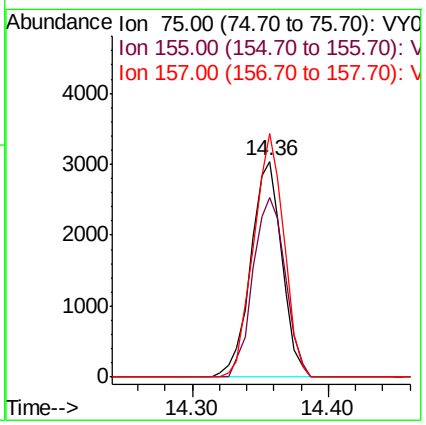


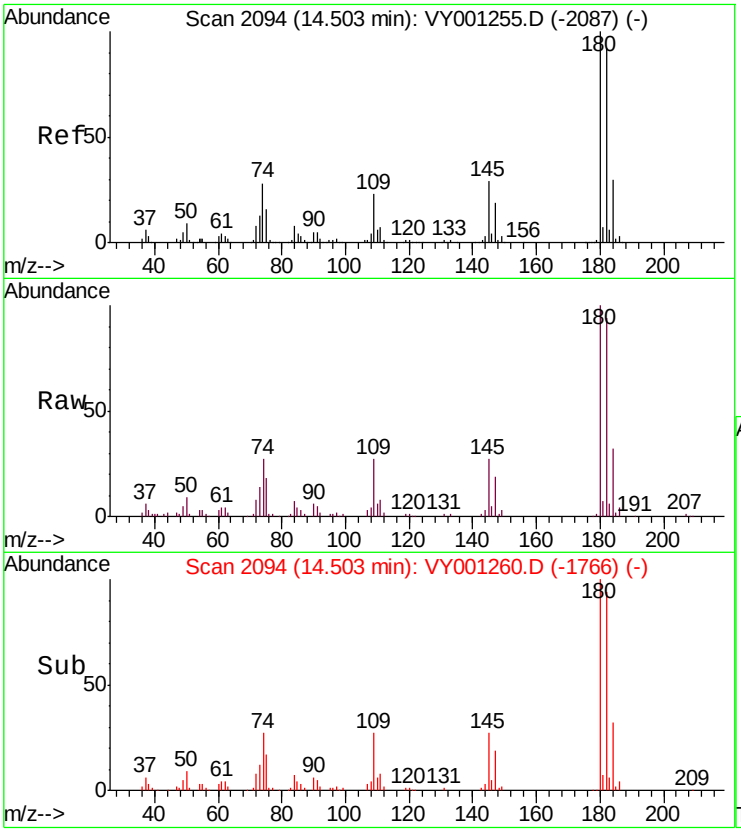


#68
1,2-Dibromo-3-chloropropane
Concen: 4.904 ug/L
RT: 14.36 min Scan# 2070
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion: 75 Resp: 4895

Ion	Ratio	Lower	Upper
75	100		
155	83.6	68.4	102.6
157	113.0	92.6	139.0



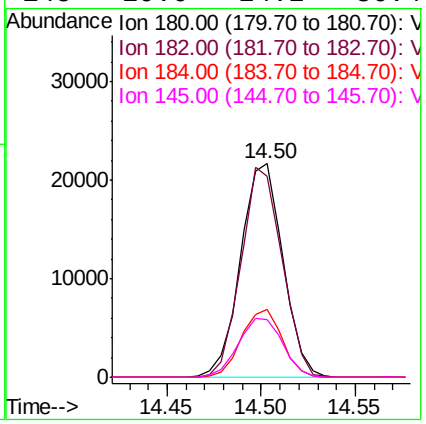


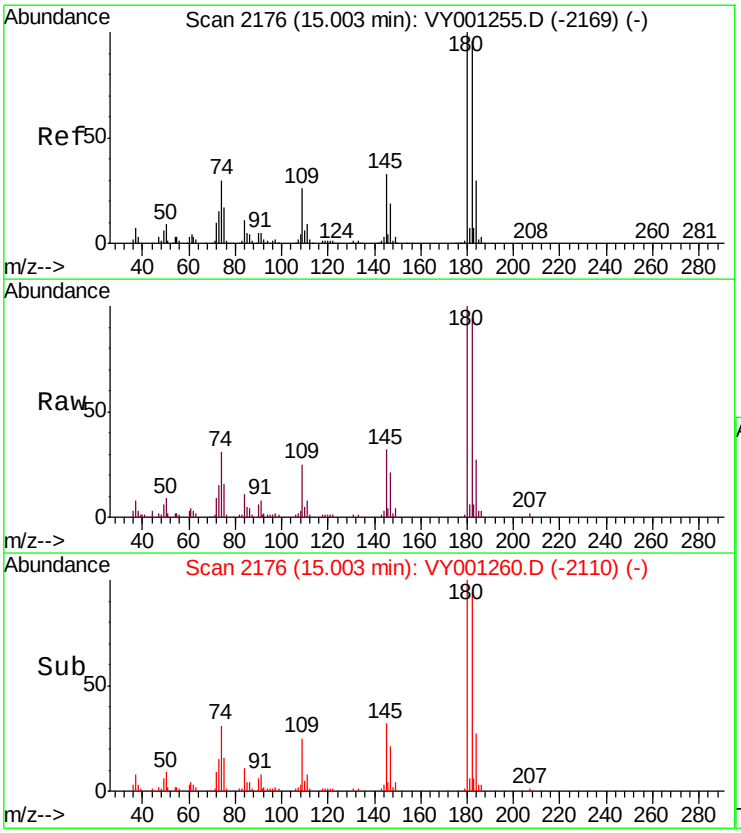
#69
1,3,5-Trichlorobenzene
Concen: 5.140 ug/L
RT: 14.50 min Scan# 2094
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:180 Resp: 33666

Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.0	112.6
184	30.3	23.9	35.9
145	29.0	24.2	36.4

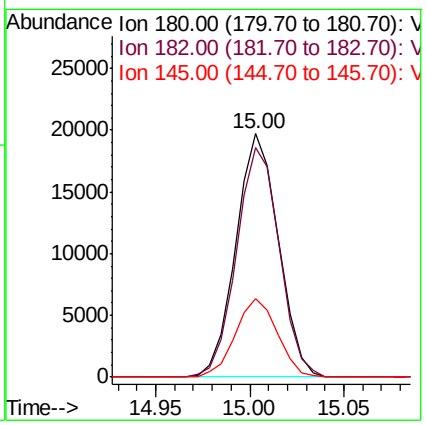


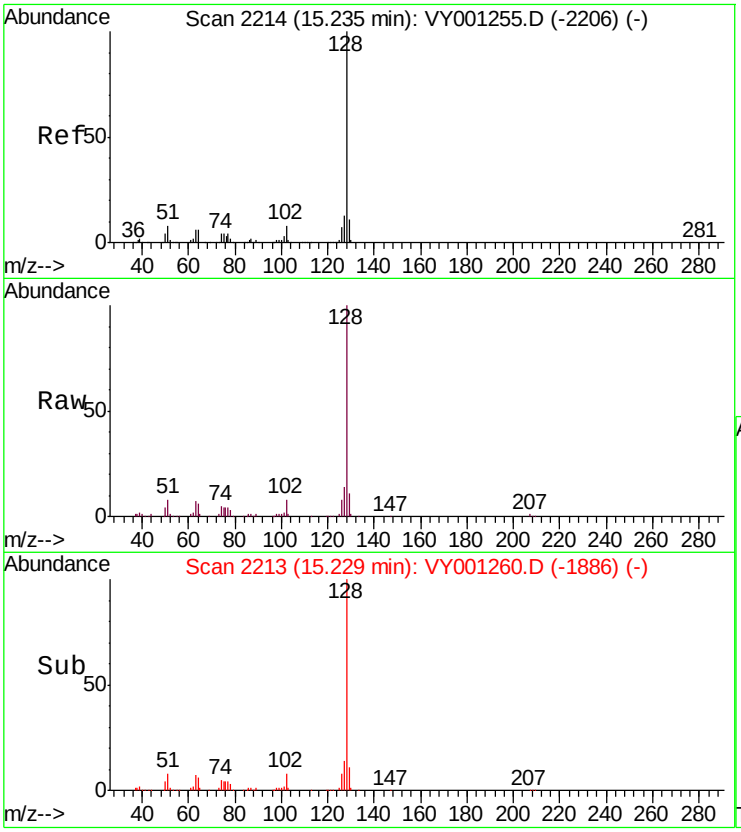


#70
1,2,4-trichlorobenzene
Concen: 5.173 ug/L
RT: 15.00 min Scan# 2176
Delta R.T. 0.00 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:180 Resp: 30851

Ion	Ratio	Lower	Upper
180	100		
182	94.6	76.7	115.1
145	31.7	25.9	38.9



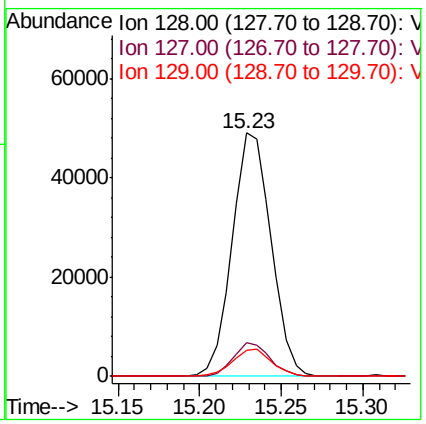


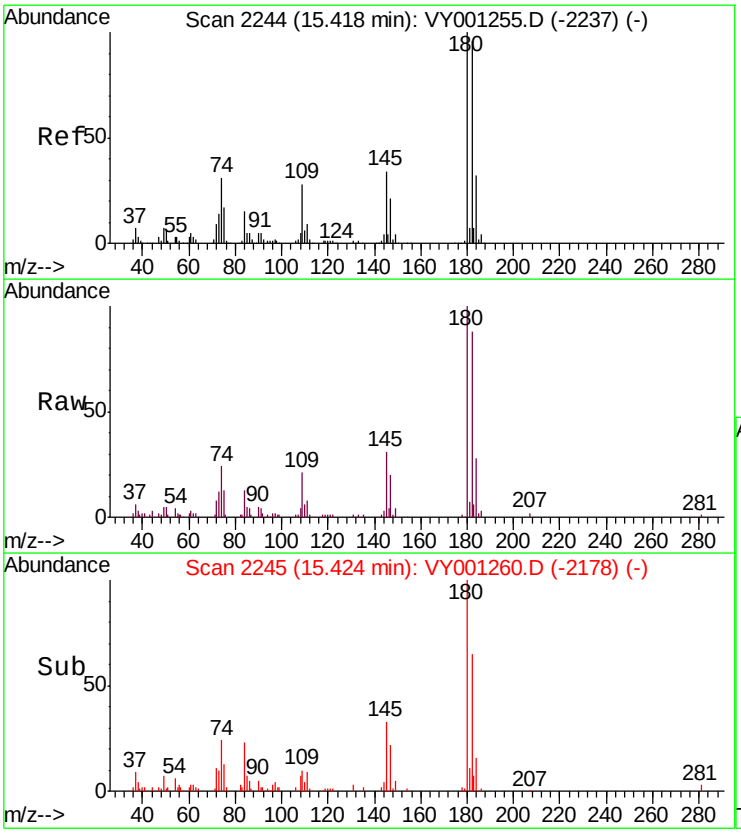
#71
Naphthalene
Concen: 5.197 ug/L
RT: 15.23 min Scan# 2213
Delta R.T. -0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Instrument :
MSVOA_Y
ClientSampleId :
VSTD005785

Tgt Ion:128 Resp: 81511

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.2	8.8	13.2





#72
1,2,3-Trichlorobenzene
Concen: 5.116 ug/L
RT: 15.42 min Scan# 2245
Delta R.T. 0.01 min
Lab File: VY001260.D
Acq: 16 Jan 2020 12:39

Tgt Ion:180 Resp: 28198

Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.6	113.4
145	34.3	26.3	39.5